

2015년도 위성방송 수신실태조사 결과

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
1	NSS12	57	3632	CR	2625	2/3	Télé Tchad	TV		O
2	NSS12	57	3632	CR	2625	2/3	Radio Tchad	R		O
3	NSS12	57	3661	CL	1762	2/3	EBC 3	TV		O
4	NSS12	57	3661	CL	1762	2/3	Tigray TV	TV		O
5	NSS12	57	3661	CL	1762	2/3	EBC East	TV		O
6	NSS12	57	3661	CL	1762	2/3	EBC South	TV		O
7	NSS12	57	3661	CL	1762	2/3	Addis TV	TV		O
8	NSS12	57	3661	CL	1762	2/3	FM Addis 97.1	R		O
9	NSS12	57	3661	CL	1762	2/3	Radio Ethiopia National Service	R		O
10	NSS12	57	3661	CL	1762	2/3	Benishangul Radio	R		O
11	NSS12	57	3800	CR	20000	3/5	BBC One	TV		O
12	NSS12	57	3800	CR	20000	3/5	BBC Two	TV		O
13	NSS12	57	3800	CR	20000	3/5	ITV	TV		O
14	NSS12	57	3800	CR	20000	3/5	BFBS Extra	TV		O
15	NSS12	57	3800	CR	20000	3/5	Sky Sports 1 UK	TV		O
16	NSS12	57	3800	CR	20000	3/5	Sky Sports 2 UK	TV		O
17	NSS12	57	3800	CR	20000	3/5	BFBS Sport	TV		O
18	NSS12	57	3800	CR	20000	3/5	Sky News UK	TV		O
19	NSS12	57	3800	CR	20000	3/5	Forces TV	TV		O
20	NSS12	57	3800	CR	20000	3/5	BFBS Movies	TV		O
21	NSS12	57	3800	CR	20000	3/5	Nepali TV	TV		O
22	NSS12	57	3800	CR	20000	3/5	BFBS Radio UK Bases	R		O
23	NSS12	57	3800	CR	20000	3/5	BFBS Radio 2	R		O
24	NSS12	57	3800	CR	20000	3/5	BFBS Radio Unwind	R		O
25	NSS12	57	3800	CR	20000	3/5	BFBS Radio UK DAB	R		O
26	NSS12	57	3800	CR	20000	3/5	BFBS Radio Navy	R		O
27	NSS12	57	3800	CR	20000	3/5	BFBS Radio Beats	R		O
28	NSS12	57	3800	CR	20000	3/5	BFBS Radio Africa	R		O
29	NSS12	57	3800	CR	20000	3/5	BFBS Gurkha Radio	R		O
30	NSS12	57	3800	CR	20000	3/5	BFBS Radio Dirt	R		O
31	NSS12	57	3800	CR	20000	3/5	BFBS Radio Rewind	R		O
32	NSS12	57	3800	CR	20000	3/5	BFBS Radio Shamishran	R		O
33	NSS12	57	3800	CR	20000	3/5	BFBS Radio Falklands	R		O
34	NSS12	57	4026	CL	2963	3/4	TV Oromiyaa	TV		O
35	NSS12	57	4026	CL	2963	3/4	Oromiyaa Radio	R		O
36	NSS12	57	4031	CL	3689	3/4	Amhara TV	TV		O
37	NSS12	57	4055	CR	26000	3/4	VoA TV Africa	TV	O	
38	NSS12	57	4055	CR	26000	3/4	Alhurra TV	TV		O
39	NSS12	57	4055	CR	26000	3/4	Alhurra TV Iraq	TV		O
40	NSS12	57	4055	CR	26000	3/4	American Embassy TV Network	TV	O	
41	NSS12	57	4055	CR	26000	3/4	VoA 1 (IOR 3)	R	O	
42	NSS12	57	4055	CR	26000	3/4	Radio Sawa Djibouti	R	O	
43	NSS12	57	4055	CR	26000	3/4	VoA 1	R	O	
44	NSS12	57	4055	CR	26000	3/4	Radio Free Europe/Radio Liberty (IOR 2)	R	O	
45	NSS12	57	4055	CR	26000	3/4	Radio Iraq Hurr	R	O	
46	NSS12	57	4055	CR	26000	3/4	Radio Sawa Iraq	R	O	
47	NSS12	57	4055	CR	26000	3/4	VoA 1	R	O	
48	NSS12	57	4055	CR	26000	3/4	Radio Free Asia	R	O	
49	NSS12	57	4055	CR	26000	3/4	Radio Free Asia	R	O	
50	NSS12	57	4055	CR	26000	3/4	Radio Free Europe/Radio Liberty (IOR 19)	R	O	
51	NSS12	57	4055	CR	26000	3/4	Radio Free Europe/Radio Liberty (IOR 21)	R	O	
52	NSS12	57	4055	CR	26000	3/4	Radio Free Asia	R	O	
53	NSS12	57	4055	CR	26000	3/4	Voice of America	R	O	
54	NSS12	57	4055	CR	26000	3/4	Radio Sawa Lebanon	R	O	
55	NSS12	57	4055	CR	26000	3/4	Voice of America (IOR 27)	R	O	
56	NSS12	57	4055	CR	26000	3/4	Radio Sawa Levant	R	O	
57	NSS12	57	4055	CR	26000	3/4	Radio Free Europe/Radio Liberty	R	O	
58	NSS12	57	4055	CR	26000	3/4	Radio Free Europe/Radio Liberty	R	O	
59	NSS12	57	4055	CR	26000	3/4	Radio Free Europe/Radio Liberty	R	O	
60	NSS12	57	4055	CR	26000	3/4	VoA Global Live	R	O	
61	NSS12	57	4055	CR	26000	3/4	Radio Sawa Egypt	R	O	
62	NSS12	57	4055	CR	26000	3/4	Radio Sawa The Gulf	R	O	
63	NSS12	57	4055	CR	26000	3/4	VoA Global Live	R	O	
64	NSS12	57	4055	CR	26000	3/4	Radio Farda	R	O	
65	NSS12	57	4055	CR	26000	3/4	Radio Sawa Levant	R	O	
66	NSS12	57	4055	CR	26000	3/4	Radio Sawa Iraq	R	O	
67	NSS12	57	4055	CR	26000	3/4	Radio Sawa Egypt	R	O	
68	NSS12	57	4055	CR	26000	3/4	Radio Sawa The Gulf	R	O	
69	NSS12	57	4055	CR	26000	3/4	Radio Sawa Morocco	R	O	
70	NSS12	57	4055	CR	26000	3/4	Radio Sawa Sudan	R	O	
71	NSS12	57	4055	CR	26000	3/4	Radio Farda	R	O	
72	NSS12	57	4055	CR	26000	3/4	Radio Sawa Lebanon	R	O	
73	NSS12	57	4107	CR	8850	2/3	France 24 Français	TV		O
74	NSS12	57	4107	CR	8850	2/3	MSNBC	TV		O
75	NSS12	57	4107	CR	8850	2/3	Fox News Channel	TV		O
76	NSS12	57	4107	CR	8850	2/3	CNBC US	TV		O
77	NSS12	57	4107	CR	8850	2/3	Sky News International	TV		O
78	NSS12	57	4107	CR	8850	2/3	BBC World News	TV		O
79	NSS12	57	4107	CR	8850	2/3	E!	TV		O
80	NSS12	57	4107	CR	8850	2/3	Sky Sports News HQ UK	TV		O
81	NSS12	57	4107	CR	8850	2/3	Sport 24	TV		O
82	NSS12	57	4107	CR	8850	2/3	Prime US	TV		O
83	NSS12	57	4107	CR	8850	2/3	Prime Telly	TV		O
84	NSS12	57	11007	H	4883	1/2	BW TV	TV		O
85	NSS12	57	11007	H	4883	1/2	Radio Andernach	R		O

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86	NSS12	57	11079	H	2222	5/6	7 Kanal	TV		O
87	NSS12	57	11105	H	45000	4/5	Zuku Zone	TV		O
88	NSS12	57	11140	V	2200	5/6	Al Mada TV	TV		O
89	NSS12	57	11140	V	2200	5/6	Al Mada Radio	R		O
90	NSS12	57	11184	V	1211	3/4	Qellat TV	TV		O
91	NSS12	57	11184	V	1211	3/4	Voice of Kurdistan	R		O
92	NSS12	57	11186	V	2290	3/4	Badinan Sat	TV		O
93	NSS12	57	11189	V	1775	3/4	Duhok TV	TV		O
94	NSS12	57	11189	V	1775	3/4	Radyo Duhok	R		O
95	NSS12	57	11189	V	1775	3/4	Mosul FM	R		O
96	NSS12	57	11191	V	1452	3/4	Silemani TV	TV		O
97	INTELSAT 904	60	3744	CR	18315	5/6	Soundcity TV	TV		O
98	INTELSAT 904	60	3744	CR	18315	5/6	Spice	TV		O
99	INTELSAT 904	60	3744	CR	18315	5/6	Televista	TV		O
100	INTELSAT 904	60	3744	CR	18315	5/6	OnTV	TV		O
101	INTELSAT 904	60	3744	CR	18315	5/6	Lagos TV	TV		O
102	INTELSAT 904	60	3744	CR	18315	5/6	MITV	TV		O
103	INTELSAT 904	60	3744	CR	18315	5/6	Silverbird TV	TV		O
104	INTELSAT 904	60	3744	CR	18315	5/6	Rhythm	R		O
105	INTELSAT 904	60	3744	CR	18315	5/6	Star FM 101.5	R		O
106	INTELSAT 904	60	3744	CR	18315	5/6	Ray Power 106.5 FM	R		O
107	INTELSAT 904	60	3756	CR	2315	3/4	NTV Uganda	TV		O
108	INTELSAT 904	60	3759	CR	2315	3/4	Swazi TV	TV		O
109	INTELSAT 904	60	3765	CR	5000	3/4	ZNBC TV 2	TV		O
110	INTELSAT 904	60	3765	CR	5000	3/4	ZNBC TV 1	TV		O
111	INTELSAT 904	60	3768	CR	2067	3/4	NBS TV	R		O
112	INTELSAT 904	60	3768	CR	2067	3/4	Bukedde TV 1	TV		O
113	INTELSAT 904	60	3768	CR	2067	3/4	WBS TV	TV		O
114	INTELSAT 904	60	3775	CR	9361	3/5	NTV (Kenya)	TV		O
115	INTELSAT 904	60	3775	CR	9361	3/5	QTV (Kenya)	TV		O
116	INTELSAT 904	60	3775	CR	9361	3/5	K24	TV		O
117	INTELSAT 904	60	3775	CR	9361	3/5	KBC Channel 1	TV		O
118	INTELSAT 904	60	3775	CR	9361	3/5	Kiss TV (Kenya)	TV		O
119	INTELSAT 904	60	3775	CR	9361	3/5	QFM (Kenya)	R		O
120	INTELSAT 904	60	3775	CR	9361	3/5	Capital FM (Kenya)	R		O
121	INTELSAT 904	60	3775	CR	9361	3/5	Nation FM (Kenya)	R		O
122	INTELSAT 904	60	3775	CR	9361	3/5	KBC English Service	R		O
123	INTELSAT 904	60	3775	CR	9361	3/5	KBC Idhaa	R		O
124	INTELSAT 904	60	3775	CR	9361	3/5	Coro FM	R		O
125	INTELSAT 904	60	3775	CR	9361	3/5	Venus FM	R		O
126	INTELSAT 904	60	3775	CR	9361	3/5	Classic FM	R		O
127	INTELSAT 904	60	3775	CR	9361	3/5	Nosim FM	R		O
128	INTELSAT 904	60	3775	CR	9361	3/5	Mwatu FM	R		O
129	INTELSAT 904	60	3775	CR	9361	3/5	Milele FM	R		O
130	INTELSAT 904	60	10964	H	3327	3/4	KTRK	TV		O
131	INTELSAT 904	60	10973	V	3330	3/4	100 TV	TV		O
132	INTELSAT 904	60	10973	V	3330	3/4	Radio Baltika	R		O
133	INTELSAT 904	60	11077	V	3300	3/4	Business FM	R		O
134	INTELSAT 904	60	11077	V	3300	3/4	Humor FM	R		O
135	INTELSAT 904	60	11077	V	3300	3/4	Radio dlja dvoih	R		O
136	INTELSAT 904	60	11077	V	3300	3/4	Detskoe Radio Moskva	R		O
137	INTELSAT 904	60	11077	V	3300	3/4	Militseyskaya Volna	R		O
138	INTELSAT 904	60	11077	V	3300	3/4	City FM (Moscow)	R		O
139	INTELSAT 904	60	11077	V	3300	3/4	NRJ Russia	R		O
140	INTELSAT 904	60	11077	V	3300	3/4	Avtoradio Moskva (0h)	R		O
141	INTELSAT 904	60	11077	V	3300	3/4	Radio Romantika	R		O
142	INTELSAT 904	60	11077	V	3300	3/4	NRJ Moskva	R		O
143	INTELSAT 904	60	11077	V	3300	3/4	Avtoradio (0h)	R		O
144	INTELSAT 904	60	11077	V	3300	3/4	Dorognoe Radio	R		O
145	INTELSAT 904	60	11077	V	3300	3/4	Radio Vanya	R		O
146	INTELSAT 904	60	11077	V	3300	3/4	Radio Record	R		O
147	INTELSAT 904	60	11077	V	3300	3/4	Relax FM	R		O
148	INTELSAT 904	60	11077	V	3300	3/4	Radio Chanson	R		O
149	INTELSAT 904	60	11077	V	3300	3/4	Avtoradio Moskva (+2h)	R		O
150	INTELSAT 904	60	11077	V	3300	3/4	Humor FM (+2h)	R		O
151	INTELSAT 904	60	11110	V	1765	3/4	Bryanskaya Guberniya	TV		O
152	INTELSAT 904	60	11110	V	1765	3/4	Guberniya FM	R		O
153	INTELSAT 904	60	11464	V	1000	7/8	Rossiya 24	TV		O
154	INTELSAT 904	60	11490	V	5788	3/4	Kuban 24	TV		O
155	INTELSAT 904	60	11490	V	5788	3/4	Pervoe Radio	R		O
156	INTELSAT 904	60	11490	V	5788	3/4	Radio Roks-Region	R		O
157	INTELSAT 904	60	11490	V	5788	3/4	Radio Rossii	R		O
158	INTELSAT 904	60	11512	V	2617	3/4	Nika TV	TV		O
159	INTELSAT 904	60	11512	V	2617	3/4	Nika FM	R		O
160	INTELSAT 904	60	11555	H	30000	3/4	Gakku TV	TV		O
161	INTELSAT 904	60	11555	H	30000	3/4	Khabar	TV		O
162	INTELSAT 904	60	11555	H	30000	3/4	Mir	TV		O
163	INTELSAT 904	60	11555	H	30000	3/4	Kazakistan	TV		O
164	INTELSAT 904	60	11555	H	30000	3/4	KTK	TV		O
165	INTELSAT 904	60	11555	H	30000	3/4	Perviy kanal Eurasia	TV		O
166	INTELSAT 904	60	11555	H	30000	3/4	NTK	TV		O
167	INTELSAT 904	60	11555	H	30000	3/4	31 Kanal	TV		O
168	INTELSAT 904	60	11555	H	30000	3/4	STV (Kazakhstan)	TV		O
169	INTELSAT 904	60	11555	H	30000	3/4	El Arna	TV		O
170	INTELSAT 904	60	11555	H	30000	3/4	Tan TV	TV		O
171	INTELSAT 904	60	11555	H	30000	3/4	RTR Planeta	TV		O
172	INTELSAT 904	60	11555	H	30000	3/4	NTV Mir	TV		O

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173	INTELSAT 904	60	11555	H	30000	3/4	Telekanal Futbol	TV		O
174	INTELSAT 904	60	11555	H	30000	3/4	STS	TV		O
175	INTELSAT 904	60	11555	H	30000	3/4	Bilim zhane Madeniet	TV		O
176	INTELSAT 904	60	11555	H	30000	3/4	Sport 1 (Ukraine)	TV		O
177	INTELSAT 904	60	11555	H	30000	3/4	Sport 2 (Ukraine)	TV		O
178	INTELSAT 904	60	11555	H	30000	3/4	Hit TV (Kazakhstan)	TV		O
179	INTELSAT 904	60	11555	H	30000	3/4	Muzzone	TV		O
180	INTELSAT 904	60	11555	H	30000	3/4	Otav TV promo	TV		O
181	INTELSAT 904	60	11555	H	30000	3/4	KZ Sport 1	TV		O
182	INTELSAT 904	60	11555	H	30000	3/4	TV Alau	TV		O
183	INTELSAT 904	60	11555	H	30000	3/4	Kazakh TV	TV		O
184	INTELSAT 904	60	11555	H	30000	3/4	Almaty TV	TV		O
185	INTELSAT 904	60	11555	H	30000	3/4	World Fashion Channel Russia	TV		O
186	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Aktobe	TV		O
187	INTELSAT 904	60	11555	H	30000	3/4	Jetisu	TV		O
188	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Atyrau	TV		O
189	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Oskemen	TV		O
190	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Taraz	TV		O
191	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Kostanay	TV		O
192	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Kyzylorda	TV		O
193	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Petropavl	TV		O
194	INTELSAT 904	60	11555	H	30000	3/4	Kazakstan Shymkent	TV		O
195	INTELSAT 904	60	11555	H	30000	3/4	Kazak Radio	R		O
196	INTELSAT 904	60	11555	H	30000	3/4	Shalkar Radio	R		O
197	INTELSAT 904	60	11555	H	30000	3/4	Tengri FM	R		O
198	INTELSAT 904	60	11555	H	30000	3/4	Love Radio Kazakhstan (Russia)	R		O
199	INTELSAT 904	60	11555	H	30000	3/4	Radio NS	R		O
200	INTELSAT 904	60	11555	H	30000	3/4	Retro FM Kazakhstan	R		O
201	INTELSAT 904	60	11555	H	30000	3/4	Russkoe Radio - Asia	R		O
202	INTELSAT 904	60	11555	H	30000	3/4	Avtoradio Kazakstan	R		O
203	INTELSAT 904	60	11555	H	30000	3/4	Radio Classic	R		O
204	INTELSAT 904	60	11567	V	10000	7/8	Global Star TV	TV		O
205	INTELSAT 904	60	11567	V	10000	7/8	Hard Life	TV		O
206	INTELSAT 904	60	11567	V	10000	7/8	Europa Plus	R		O
207	INTELSAT 904	60	11567	V	10000	7/8	Retro FM	R		O
208	INTELSAT 904	60	11567	V	10000	7/8	Radio 7	R		O
209	INTELSAT 904	60	11567	V	10000	7/8	Radio Sport	R		O
210	INTELSAT 904	60	11567	V	10000	7/8	Serebryany Dozhd	R		O
211	INTELSAT 904	60	11567	V	10000	7/8	Nashe Radio (Russia)	R		O
212	INTELSAT 904	60	11595	H	29270	5/6	Khabar	R		O
213	INTELSAT 904	60	11595	H	29270	5/6	El Arna	R		O
214	INTELSAT 904	60	11595	H	29270	5/6	Kazakstan	R		O
215	INTELSAT 904	60	11635	H	30000	3/4	Seven Kazakhstan	TV		O
216	INTELSAT 904	60	11635	H	30000	3/4	Astana TV	TV		O
217	INTELSAT 904	60	11635	H	30000	3/4	7 Kanal	TV		O
218	INTELSAT 904	60	11635	H	30000	3/4	Rossiya K	TV		O
219	INTELSAT 904	60	11635	H	30000	3/4	Mama	TV		O
220	INTELSAT 904	60	11635	H	30000	3/4	Perviy kanal SNG	TV		O
221	INTELSAT 904	60	11635	H	30000	3/4	Feniks+Kino	TV		O
222	INTELSAT 904	60	11635	H	30000	3/4	SET Russia	TV		O
223	INTELSAT 904	60	11635	H	30000	3/4	Vremya	TV		O
224	INTELSAT 904	60	11635	H	30000	3/4	Eurosport International	TV		O
225	INTELSAT 904	60	11635	H	30000	3/4	Eurosport 2	TV		O
226	INTELSAT 904	60	11635	H	30000	3/4	Nickelodeon CIS	TV		O
227	INTELSAT 904	60	11635	H	30000	3/4	Balapan	TV		O
228	INTELSAT 904	60	11635	H	30000	3/4	Animal Planet Russia	TV		O
229	INTELSAT 904	60	11635	H	30000	3/4	Discovery Channel Russia	TV		O
230	INTELSAT 904	60	11635	H	30000	3/4	Usadba	TV		O
231	INTELSAT 904	60	11635	H	30000	3/4	Ohotnik i Rybolov	TV		O
232	INTELSAT 904	60	11635	H	30000	3/4	National Geographic Channel Russia	TV		O
233	INTELSAT 904	60	11635	H	30000	3/4	Investigation Discovery Europe	TV		O
234	INTELSAT 904	60	11635	H	30000	3/4	RBK TV	TV		O
235	INTELSAT 904	60	11635	H	30000	3/4	Rossiya 24	TV		O
236	INTELSAT 904	60	11635	H	30000	3/4	Zhivii	TV		O
237	INTELSAT 904	60	11635	H	30000	3/4	Kazakstan Kokshetau	TV		O
238	INTELSAT 904	60	11635	H	30000	3/4	Kazakstan Karagandy	TV		O
239	INTELSAT 904	60	11635	H	30000	3/4	Kazakstan Pavlodar	TV		O
240	INTELSAT 904	60	11635	H	30000	3/4	Paramount Comedy Russia	TV		O
241	INTELSAT 904	60	11635	H	30000	3/4	24 KZ	TV		O
242	INTELSAT 904	60	11635	H	30000	3/4	Cartoon Network Russia & South East Europe	TV		O
243	INTELSAT 904	60	11635	H	30000	3/4	Moya Planeta	TV		O
244	INTELSAT 904	60	11635	H	30000	3/4	Zdorovoe TV	TV		O
245	INTELSAT 904	60	11635	H	30000	3/4	Delovaya Volna Radio	R		O
246	INTELSAT 904	60	11635	H	30000	3/4	Astana Radio	R		O
247	INTELSAT 904	60	11675	H	30000	3/4	Lubimoe Kino	TV		O
248	INTELSAT 904	60	11675	H	30000	3/4	REN TV	TV		O
249	INTELSAT 904	60	11675	H	30000	3/4	India TV (Russia)	TV		O
250	INTELSAT 904	60	11675	H	30000	3/4	Dom Kino	TV		O
251	INTELSAT 904	60	11675	H	30000	3/4	Boets	TV		O
252	INTELSAT 904	60	11675	H	30000	3/4	Auto Plus	TV		O
253	INTELSAT 904	60	11675	H	30000	3/4	Muzika	TV		O
254	INTELSAT 904	60	11675	H	30000	3/4	English Club TV	TV		O
255	INTELSAT 904	60	11675	H	30000	3/4	La Minor	TV		O
256	INTELSAT 904	60	11675	H	30000	3/4	Mezzo	TV		O
257	INTELSAT 904	60	11675	H	30000	3/4	Gulli	TV		O
258	INTELSAT 904	60	11675	H	30000	3/4	Bilim zhane Madeniet	TV		O
259	INTELSAT 904	60	11675	H	30000	3/4	Karusel	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
260	INTELSAT 904	60	11675	H	30000	3/4	Tiji	TV		○
261	INTELSAT 904	60	11675	H	30000	3/4	Discovery World	TV		○
262	INTELSAT 904	60	11675	H	30000	3/4	TLC Russia	TV		○
263	INTELSAT 904	60	11675	H	30000	3/4	Discovery Science Channel	TV		○
264	INTELSAT 904	60	11675	H	30000	3/4	Nat Geo Wild Europe	TV		○
265	INTELSAT 904	60	11675	H	30000	3/4	365 dnei TV	TV		○
266	INTELSAT 904	60	11675	H	30000	3/4	CNN International	TV		○
267	INTELSAT 904	60	11675	H	30000	3/4	EuroNews	TV		○
268	INTELSAT 904	60	11675	H	30000	3/4	Telecafé (Russia)	TV		○
269	INTELSAT 904	60	11675	H	30000	3/4	Kazakstan Oral	TV		○
270	INTELSAT 904	60	11675	H	30000	3/4	Kazakstan Aktau	TV		○
271	INTELSAT 904	60	11675	H	30000	3/4	TDK 42	TV		○
272	INTELSAT 904	60	11675	H	30000	3/4	Eurosport International	TV		○
273	INTELSAT 904	60	11675	H	30000	3/4	Discovery HD Showcase	TV		○
274	INTELSAT 904	60	11675	H	30000	3/4	HD Life	TV		○
275	INTELSAT 904	60	11675	H	30000	3/4	Ru TV	TV		○
276	INTELSAT 904	60	11675	H	30000	3/4	Detski Mir	TV		○
277	INTELSAT 902	62	3727	CR	34286	8/9	Star Utsav	TV		○
278	INTELSAT 902	62	3727	CR	34286	8/9	Cinema TV (India)	TV		○
279	INTELSAT 902	62	3727	CR	34286	8/9	Manoranjan TV	TV		○
280	INTELSAT 902	62	3727	CR	34286	8/9	GS TV (India)	TV		○
281	INTELSAT 902	62	3727	CR	34286	8/9	Mastiii	TV		○
282	INTELSAT 902	62	3727	CR	34286	8/9	Music India	TV		○
283	INTELSAT 902	62	3727	CR	34286	8/9	Rupasi Bangla	TV		○
284	INTELSAT 902	62	3727	CR	34286	8/9	IBC 24	TV		○
285	INTELSAT 902	62	3727	CR	34286	8/9	Samay MP/Chhattisgarh	TV		○
286	INTELSAT 902	62	3727	CR	34286	8/9	TV 9 Maharashtra	TV		○
287	INTELSAT 902	62	3727	CR	34286	8/9	Life OK India	TV		○
288	INTELSAT 902	62	3727	CR	34286	8/9	News X	TV		○
289	INTELSAT 902	62	3727	CR	34286	8/9	Disney Channel India	TV		○
290	INTELSAT 902	62	3727	CR	34286	8/9	Udaya News	TV		○
291	INTELSAT 902	62	3727	CR	34286	8/9	Adithya TV	TV		○
292	INTELSAT 902	62	3727	CR	34286	8/9	Zee Cinema Asia	TV		○
293	INTELSAT 902	62	3727	CR	34286	8/9	Zee News	TV		○
294	INTELSAT 902	62	3727	CR	34286	8/9	Sun TV (India)	TV		○
295	INTELSAT 902	62	3727	CR	34286	8/9	Aastha TV	TV		○
296	INTELSAT 902	62	3727	CR	34286	8/9	Tara Muzik	TV		○
297	INTELSAT 902	62	3727	CR	34286	8/9	PTC Punjabi	TV		○
298	INTELSAT 902	62	3727	CR	34286	8/9	Aakaash Aath	TV		○
299	INTELSAT 902	62	3727	CR	34286	8/9	Zee Salaam	TV		○
300	INTELSAT 902	62	3727	CR	34286	8/9	Suvarna Plus	TV		○
301	INTELSAT 902	62	3727	CR	34286	8/9	Suvarna News 24x7	TV		○
302	INTELSAT 902	62	3727	CR	34286	8/9	BBC World News South Asia	TV		○
303	INTELSAT 902	62	3727	CR	34286	8/9	Live India	TV		○
304	INTELSAT 902	62	3727	CR	34286	8/9	Enterr 10	TV		○
305	INTELSAT 902	62	3727	CR	34286	8/9	Mahuaa TV	TV		○
306	INTELSAT 902	62	3727	CR	34286	8/9	Gemini News	TV		○
307	INTELSAT 902	62	3727	CR	34286	8/9	Udaya Comedy	TV		○
308	INTELSAT 902	62	3727	CR	34286	8/9	Star Plus India	TV		○
309	INTELSAT 902	62	3727	CR	34286	8/9	Sangeet Bhojpuri	TV		○
310	INTELSAT 902	62	3727	CR	34286	8/9	9X Jhakaas	TV		○
311	INTELSAT 902	62	3727	CR	34286	8/9	ABP Majha	TV		○
312	INTELSAT 902	62	3727	CR	34286	8/9	Star World India	TV		○
313	INTELSAT 902	62	3727	CR	34286	8/9	Movies OK	TV		○
314	INTELSAT 902	62	3727	CR	34286	8/9	HBO South Asia	TV		○
315	INTELSAT 902	62	3727	CR	34286	8/9	Zee Business	TV		○
316	INTELSAT 902	62	3727	CR	34286	8/9	UTV Movies	TV		○
317	INTELSAT 902	62	3727	CR	34286	8/9	Lakshya TV	TV		○
318	INTELSAT 902	62	3727	CR	34286	8/9	M Tunes HD	TV		○
319	INTELSAT 902	62	3727	CR	34286	8/9	Total News	TV		○
320	INTELSAT 902	62	3727	CR	34286	8/9	ETV Telugu	TV		○
321	INTELSAT 902	62	3727	CR	34286	8/9	ETV Gujarati	TV		○
322	INTELSAT 902	62	3727	CR	34286	8/9	ETV Telangana	TV		○
323	INTELSAT 902	62	3763	CR	34286	8/9	Janta TV	TV		○
324	INTELSAT 902	62	3763	CR	34286	8/9	Al Jazeera Channel	TV		○
325	INTELSAT 902	62	3763	CR	34286	8/9	V6 News	TV		○
326	INTELSAT 902	62	3763	CR	34286	8/9	Star Pravah	TV		○
327	INTELSAT 902	62	3763	CR	34286	8/9	Janasri News	TV		○
328	INTELSAT 902	62	3763	CR	34286	8/9	Dangal TV	TV		○
329	INTELSAT 902	62	3763	CR	34286	8/9	Zee Bangla Cinema	TV		○
330	INTELSAT 902	62	3763	CR	34286	8/9	Kolkata TV	TV		○
331	INTELSAT 902	62	3763	CR	34286	8/9	Zee Bangla	TV		○
332	INTELSAT 902	62	3763	CR	34286	8/9	Zee Classic	TV		○
333	INTELSAT 902	62	3763	CR	34286	8/9	Focus NE	TV		○
334	INTELSAT 902	62	3763	CR	34286	8/9	Gemini Life	TV		○
335	INTELSAT 902	62	3763	CR	34286	8/9	Mahuaa Newsline	TV		○
336	INTELSAT 902	62	3763	CR	34286	8/9	Star CJ Alive	TV		○
337	INTELSAT 902	62	3763	CR	34286	8/9	Sadhna News Haryana	TV		○
338	INTELSAT 902	62	3763	CR	34286	8/9	Zee TV India	TV		○
339	INTELSAT 902	62	3763	CR	34286	8/9	Star Movies India	TV		○
340	INTELSAT 902	62	3763	CR	34286	8/9	Zee 24 Ghante Madhya Pradesh	TV		○
341	INTELSAT 902	62	3763	CR	34286	8/9	Udaya Music	TV		○
342	INTELSAT 902	62	3763	CR	34286	8/9	Aaj Tak	TV		○
343	INTELSAT 902	62	3763	CR	34286	8/9	Aaseervatham TV	TV		○
344	INTELSAT 902	62	3763	CR	34286	8/9	Chardikla Time TV	TV		○
345	INTELSAT 902	62	3763	CR	34286	8/9	Jain TV	TV		○
346	INTELSAT 902	62	3763	CR	34286	8/9	PTC News	TV		○



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347	INTELSAT 902	62	3763	CR	34286	8/9	National Geographic Channel India	TV		O
348	INTELSAT 902	62	3763	CR	34286	8/9	T News	TV		O
349	INTELSAT 902	62	3763	CR	34286	8/9	UTV Action	TV		O
350	INTELSAT 902	62	3763	CR	34286	8/9	Zee Marathi	TV		O
351	INTELSAT 902	62	3763	CR	34286	8/9	Zee Studio	TV		O
352	INTELSAT 902	62	3763	CR	34286	8/9	Times Now	TV		O
353	INTELSAT 902	62	3763	CR	34286	8/9	Focus Hi Fi	TV		O
354	INTELSAT 902	62	3763	CR	34286	8/9	Ten Cricket India	TV		O
355	INTELSAT 902	62	3763	CR	34286	8/9	Star Gold India	TV		O
356	INTELSAT 902	62	3763	CR	34286	8/9	Sony Six	TV		O
357	INTELSAT 902	62	3763	CR	34286	8/9	Jaihind TV	TV		O
358	INTELSAT 902	62	3763	CR	34286	8/9	Cartoon Network India	TV		O
359	INTELSAT 902	62	3763	CR	34286	8/9	Vanitha TV	TV		O
360	INTELSAT 902	62	3763	CR	34286	8/9	SET India	TV		O
361	INTELSAT 902	62	3763	CR	34286	8/9	Khabrain Abhi Tak	TV		O
362	INTELSAT 902	62	3763	CR	34286	8/9	Planet M Cinema	TV		O
363	INTELSAT 902	62	3763	CR	34286	8/9	Discovery Kids India	TV		O
364	INTELSAT 902	62	3763	CR	34286	8/9	Mazhavil Manorama	TV		O
365	INTELSAT 902	62	3763	CR	34286	8/9	PTC Chak De	TV		O
366	INTELSAT 902	62	3763	CR	34286	8/9	Maa TV	TV		O
367	INTELSAT 902	62	3763	CR	34286	8/9	Maa Movies	TV		O
368	INTELSAT 902	62	3763	CR	34286	8/9	ETV Andhra Pradesh	TV		O
369	INTELSAT 902	62	3763	CR	34286	8/9	Bindass	TV		O
370	INTELSAT 902	62	3763	CR	34286	8/9	Tehelka TV	TV		O
371	INTELSAT 902	62	3807	CR	34286	8/9	News Time Assam	TV		O
372	INTELSAT 902	62	3807	CR	34286	8/9	B4U Music India	TV		O
373	INTELSAT 902	62	3807	CR	34286	8/9	Music Xpress	TV		O
374	INTELSAT 902	62	3807	CR	34286	8/9	Anjan TV	TV		O
375	INTELSAT 902	62	3807	CR	34286	8/9	Focus News	TV		O
376	INTELSAT 902	62	3807	CR	34286	8/9	Gemini TV	TV		O
377	INTELSAT 902	62	3807	CR	34286	8/9	NTV (India)	TV		O
378	INTELSAT 902	62	3807	CR	34286	8/9	Isai Aruvi	TV		O
379	INTELSAT 902	62	3807	CR	34286	8/9	VH1 India	TV		O
380	INTELSAT 902	62	3807	CR	34286	8/9	Kiran TV	TV		O
381	INTELSAT 902	62	3807	CR	34286	8/9	ABP Ananda	TV		O
382	INTELSAT 902	62	3807	CR	34286	8/9	IBN 7	TV		O
383	INTELSAT 902	62	3807	CR	34286	8/9	Sun Music	TV		O
384	INTELSAT 902	62	3807	CR	34286	8/9	Aalami Samay	TV		O
385	INTELSAT 902	62	3807	CR	34286	8/9	Indiavision	TV		O
386	INTELSAT 902	62	3807	CR	34286	8/9	ETV Odia	TV		O
387	INTELSAT 902	62	3807	CR	34286	8/9	Hungama TV	TV		O
388	INTELSAT 902	62	3807	CR	34286	8/9	Mathrubhumi News	TV		O
389	INTELSAT 902	62	3807	CR	34286	8/9	9X Tashan	TV		O
390	INTELSAT 902	62	3807	CR	34286	8/9	Sony Max India	TV		O
391	INTELSAT 902	62	3807	CR	34286	8/9	Jaya TV (India)	TV		O
392	INTELSAT 902	62	3807	CR	34286	8/9	Dhoom Music	TV		O
393	INTELSAT 902	62	3807	CR	34286	8/9	TV 9 Karnataka	TV		O
394	INTELSAT 902	62	3807	CR	34286	8/9	Aastha Bhajan	TV		O
395	INTELSAT 902	62	3807	CR	34286	8/9	Hope TV India	TV		O
396	INTELSAT 902	62	3807	CR	34286	8/9	Amrita TV	TV		O
397	INTELSAT 902	62	3807	CR	34286	8/9	Zing Asia	TV		O
398	INTELSAT 902	62	3807	CR	34286	8/9	Subhavaartha TV	TV		O
399	INTELSAT 902	62	3807	CR	34286	8/9	Gemini Movies	TV		O
400	INTELSAT 902	62	3807	CR	34286	8/9	Channel V India	TV		O
401	INTELSAT 902	62	3807	CR	34286	8/9	Focus Haryana	TV		O
402	INTELSAT 902	62	3807	CR	34286	8/9	Sun News (India)	TV		O
403	INTELSAT 902	62	3807	CR	34286	8/9	Pogo	TV		O
404	INTELSAT 902	62	3807	CR	34286	8/9	Bhakthi TV	TV		O
405	INTELSAT 902	62	3807	CR	34286	8/9	AXN India	TV		O
406	INTELSAT 902	62	3807	CR	34286	8/9	People TV (India)	TV		O
407	INTELSAT 902	62	3807	CR	34286	8/9	&pictures	TV		O
408	INTELSAT 902	62	3807	CR	34286	8/9	Surya TV	TV		O
409	INTELSAT 902	62	3807	CR	34286	8/9	Jaya Plus	TV		O
410	INTELSAT 902	62	3807	CR	34286	8/9	NDTV India	TV		O
411	INTELSAT 902	62	3807	CR	34286	8/9	Maa Music	TV		O
412	INTELSAT 902	62	3807	CR	34286	8/9	INews	TV		O
413	INTELSAT 902	62	3807	CR	34286	8/9	Odisha TV	TV		O
414	INTELSAT 902	62	3807	CR	34286	8/9	TV 100 (India)	TV		O
415	INTELSAT 902	62	3807	CR	34286	8/9	DD National	TV		O
416	INTELSAT 902	62	3807	CR	34286	8/9	DD News	TV		O
417	INTELSAT 902	62	3807	CR	34286	8/9	DD Sports	TV		O
418	INTELSAT 902	62	3807	CR	34286	8/9	DD India	TV		O
419	INTELSAT 902	62	3807	CR	34286	8/9	DD Bharati	TV		O
420	INTELSAT 902	62	3807	CR	34286	8/9	DD Bangla	TV		O
421	INTELSAT 902	62	3807	CR	34286	8/9	DD Chandana	TV		O
422	INTELSAT 902	62	3807	CR	34286	8/9	DD Girnar	TV		O
423	INTELSAT 902	62	3807	CR	34286	8/9	DD Kashmir	TV		O
424	INTELSAT 902	62	3814	CL	4213	3/5	NTV (Kenya)	TV		O
425	INTELSAT 902	62	3814	CL	4213	3/5	QTV (Kenya)	TV		O
426	INTELSAT 902	62	3814	CL	4213	3/5	Nation FM (Kenya)	R		O
427	INTELSAT 902	62	3814	CL	4213	3/5	QFM (Kenya)	R		O
428	INTELSAT 902	62	3843	CR	34286	8/9	TV 5 News	TV		O
429	INTELSAT 902	62	3843	CR	34286	8/9	Aath	TV		O
430	INTELSAT 902	62	3843	CR	34286	8/9	Puthiya Thalaimurai	TV		O
431	INTELSAT 902	62	3843	CR	34286	8/9	Mi Marathi	TV		O
432	INTELSAT 902	62	3843	CR	34286	8/9	Kairali TV	TV		O
433	INTELSAT 902	62	3843	CR	34286	8/9	Samay Bihar/Jharkhand	TV		O

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434	INTELSAT 902	62	3843	CR	34286	8/9	Ten Sports India	TV		O
435	INTELSAT 902	62	3843	CR	34286	8/9	Gemini Comedy	TV		O
436	INTELSAT 902	62	3843	CR	34286	8/9	Star Jalsha	TV		O
437	INTELSAT 902	62	3843	CR	34286	8/9	Nickelodeon India	TV		O
438	INTELSAT 902	62	3843	CR	34286	8/9	CNN-IBN	TV		O
439	INTELSAT 902	62	3843	CR	34286	8/9	Saam TV	TV		O
440	INTELSAT 902	62	3843	CR	34286	8/9	Bindass Play	TV		O
441	INTELSAT 902	62	3843	CR	34286	8/9	Chintu TV	TV		O
442	INTELSAT 902	62	3843	CR	34286	8/9	ETV Marathi	TV		O
443	INTELSAT 902	62	3843	CR	34286	8/9	Shalom TV India	TV		O
444	INTELSAT 902	62	3843	CR	34286	8/9	ETV Bangla	TV		O
445	INTELSAT 902	62	3843	CR	34286	8/9	TV 9 Telugu	TV		O
446	INTELSAT 902	62	3843	CR	34286	8/9	Sanskar TV	TV		O
447	INTELSAT 902	62	3843	CR	34286	8/9	India News	TV		O
448	INTELSAT 902	62	3843	CR	34286	8/9	Day & Night News	TV		O
449	INTELSAT 902	62	3843	CR	34286	8/9	Zee Talkies	TV		O
450	INTELSAT 902	62	3843	CR	34286	8/9	KTV (India)	TV		O
451	INTELSAT 902	62	3843	CR	34286	8/9	Dhamaal	TV		O
452	INTELSAT 902	62	3843	CR	34286	8/9	Asianet Movies	TV		O
453	INTELSAT 902	62	3843	CR	34286	8/9	Zee Telugu	TV		O
454	INTELSAT 902	62	3843	CR	34286	8/9	Super TV (India)	TV		O
455	INTELSAT 902	62	3843	CR	34286	8/9	ETV Kannada	TV		O
456	INTELSAT 902	62	3843	CR	34286	8/9	Udaya TV	TV		O
457	INTELSAT 902	62	3843	CR	34286	8/9	ABN (India)	TV		O
458	INTELSAT 902	62	3843	CR	34286	8/9	Zee Khana Khazana	TV		O
459	INTELSAT 902	62	3843	CR	34286	8/9	History TV 18	TV		O
460	INTELSAT 902	62	3843	CR	34286	8/9	Captain News	TV		O
461	INTELSAT 902	62	3843	CR	34286	8/9	Asianet	TV		O
462	INTELSAT 902	62	3843	CR	34286	8/9	India News Rajasthan	TV		O
463	INTELSAT 902	62	3843	CR	34286	8/9	Colors	TV		O
464	INTELSAT 902	62	3843	CR	34286	8/9	Star Vijay India	TV		O
465	INTELSAT 902	62	3843	CR	34286	8/9	Shraddha Mh One	TV		O
466	INTELSAT 902	62	3843	CR	34286	8/9	Jai Maharashtra	TV		O
467	INTELSAT 902	62	3843	CR	34286	8/9	Gulistan News	TV		O
468	INTELSAT 902	62	3843	CR	34286	8/9	HMTV	TV		O
469	INTELSAT 902	62	3843	CR	34286	8/9	Onkar Only Truth TV	TV		O
470	INTELSAT 902	62	3843	CR	34286	8/9	India News Haryana	TV		O
471	INTELSAT 902	62	3843	CR	34286	8/9	Sandesh News	TV		O
472	INTELSAT 902	62	3843	CR	34286	8/9	Gyan Darshan 1	TV		O
473	INTELSAT 902	62	3843	CR	34286	8/9	Gyan Darshan 2	TV		O
474	INTELSAT 902	62	3843	CR	34286	8/9	DD Rajasthan	TV		O
475	INTELSAT 902	62	3843	CR	34286	8/9	Nepal 1	TV		O
476	INTELSAT 902	62	3843	CR	34286	8/9	DD North-East	TV		O
477	INTELSAT 902	62	3843	CR	34286	8/9	DD Oriya	TV		O
478	INTELSAT 902	62	3843	CR	34286	8/9	DD Urdu	TV		O
479	INTELSAT 902	62	3843	CR	34286	8/9	DD Madhya Pradesh	TV		O
480	INTELSAT 902	62	3853	CL	1445	?	Hot 96	R		O
481	INTELSAT 902	62	3853	CL	1445	?	Sulwe FM	R		O
482	INTELSAT 902	62	3853	CL	1445	?	Mulembe FM	R		O
483	INTELSAT 902	62	3853	CL	1445	?	Chamgei FM	R		O
484	INTELSAT 902	62	3853	CL	1445	?	Muuga FM	R		O
485	INTELSAT 902	62	3853	CL	1445	?	Egesa FM	R		O
486	INTELSAT 902	62	3853	CL	1445	?	Inooro FM	R		O
487	INTELSAT 902	62	3853	CL	1445	?	Wimwaro FM	R		O
488	INTELSAT 902	62	3857	CL	2465	?	Hot 96	R		O
489	INTELSAT 902	62	3857	CL	2465	?	Egesa FM	R		O
490	INTELSAT 902	62	3857	CL	2465	?	Vuuka FM	R		O
491	INTELSAT 902	62	3857	CL	2465	?	Ramogi FM	R		O
492	INTELSAT 902	62	3857	CL	2465	?	Musyi FM	R		O
493	INTELSAT 902	62	3857	CL	2465	?	Radio Citizen	R		O
494	INTELSAT 902	62	3860	CL	3100	3/4	Citizen TV	TV		O
495	INTELSAT 902	62	3860	CL	3100	3/4	Radio Citizen	R		O
496	INTELSAT 902	62	3992	CL	26000	5/6	SABC 1	TV		O
497	INTELSAT 902	62	3992	CL	26000	5/6	SABC 2	TV		O
498	INTELSAT 902	62	3992	CL	26000	5/6	SABC 3	TV		O
499	INTELSAT 902	62	3992	CL	26000	5/6	RSG	R		O
500	INTELSAT 902	62	3992	CL	26000	5/6	SA FM	R		O
501	INTELSAT 902	62	3992	CL	26000	5/6	Radio 2000 (South Africa)	R		O
502	INTELSAT 902	62	3992	CL	26000	5/6	Umhlobo Wenene FM	R		O
503	INTELSAT 902	62	3992	CL	26000	5/6	Metro FM (South Africa)	R		O
504	INTELSAT 902	62	3992	CL	26000	5/6	5 FM	R		O
505	INTELSAT 902	62	3992	CL	26000	5/6	5 FM	R		O
506	INTELSAT 902	62	3992	CL	26000	5/6	Metro FM (South Africa)	R		O
507	INTELSAT 902	62	3992	CL	26000	5/6	RSG	R		O
508	INTELSAT 902	62	3992	CL	26000	5/6	Umhlobo Wenene FM	R		O
509	INTELSAT 902	62	3992	CL	26000	5/6	RSG	R		O
510	INTELSAT 902	62	3992	CL	26000	5/6	Umhlobo Wenene FM	R		O
511	INTELSAT 902	62	4047	CR	4444	1/2	Winners Chapel International	TV		O
512	INTELSAT 902	62	4055	CR	34286	8/9	Asianet Suvarna	TV		O
513	INTELSAT 902	62	4055	CR	34286	8/9	Star Sports 1	TV		O
514	INTELSAT 902	62	4055	CR	34286	8/9	TV 9 Gujarat	TV		O
515	INTELSAT 902	62	4055	CR	34286	8/9	Sakshi TV	TV		O
516	INTELSAT 902	62	4055	CR	34286	8/9	Star Sports 4	TV		O
517	INTELSAT 902	62	4055	CR	34286	8/9	Maurya TV	TV		O
518	INTELSAT 902	62	4055	CR	34286	8/9	9X Jalwa	TV		O
519	INTELSAT 902	62	4055	CR	34286	8/9	TLC India	TV		O
520	INTELSAT 902	62	4055	CR	34286	8/9	Reporter	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 일표화 등)
521	INTELSAT 902	62	4055	CR	34286	8/9	Animal Planet India	TV		○
522	INTELSAT 902	62	4055	CR	34286	8/9	Gemini Music	TV		○
523	INTELSAT 902	62	4055	CR	34286	8/9	P7 News	TV		○
524	INTELSAT 902	62	4055	CR	34286	8/9	Discovery Science Channel India	TV		○
525	INTELSAT 902	62	4055	CR	34286	8/9	Zee Kannada	TV		○
526	INTELSAT 902	62	4055	CR	34286	8/9	God TV Asia	TV		○
527	INTELSAT 902	62	4055	CR	34286	8/9	CNBC Awaaz	TV		○
528	INTELSAT 902	62	4055	CR	34286	8/9	Sony SAB TV Asia	TV		○
529	INTELSAT 902	62	4055	CR	34286	8/9	Asianet News	TV		○
530	INTELSAT 902	62	4055	CR	34286	8/9	Mh One News	TV		○
531	INTELSAT 902	62	4055	CR	34286	8/9	Studio N News	TV		○
532	INTELSAT 902	62	4055	CR	34286	8/9	MBC TV	TV		○
533	INTELSAT 902	62	4055	CR	34286	8/9	ABP News India	TV		○
534	INTELSAT 902	62	4055	CR	34286	8/9	Samaya News	TV		○
535	INTELSAT 902	62	4055	CR	34286	8/9	Discovery Channel India	TV		○
536	INTELSAT 902	62	4055	CR	34286	8/9	Star Sports 3	TV		○
537	INTELSAT 902	62	4055	CR	34286	8/9	Asianet Plus	TV		○
538	INTELSAT 902	62	4055	CR	34286	8/9	10 TV	TV		○
539	INTELSAT 902	62	4055	CR	34286	8/9	Sirippoli	TV		○
540	INTELSAT 902	62	4055	CR	34286	8/9	9XM	TV		○
541	INTELSAT 902	62	4055	CR	34286	8/9	Darshana TV	TV		○
542	INTELSAT 902	62	4055	CR	34286	8/9	Sangeet Bangla	TV		○
543	INTELSAT 902	62	4055	CR	34286	8/9	IBN Lokmat	TV		○
544	INTELSAT 902	62	4055	CR	34286	8/9	Mh One Music	TV		○
545	INTELSAT 902	62	4055	CR	34286	8/9	Sony Pix	TV		○
546	INTELSAT 902	62	4055	CR	34286	8/9	Kalaiggar TV	TV		○
547	INTELSAT 902	62	4055	CR	34286	8/9	Star Sports 2	TV		○
548	INTELSAT 902	62	4055	CR	34286	8/9	CNBC TV 18	TV		○
549	INTELSAT 902	62	4055	CR	34286	8/9	Udaya Movies	TV		○
550	INTELSAT 902	62	4055	CR	34286	8/9	Zee Action	TV		○
551	INTELSAT 902	62	4055	CR	34286	8/9	Kaatayani TV	TV		○
552	INTELSAT 902	62	4055	CR	34286	8/9	6 TV Telugu	TV		○
553	INTELSAT 902	62	4055	CR	34286	8/9	VTV (India)	TV		○
554	INTELSAT 902	62	4055	CR	34286	8/9	Channel Divya	TV		○
555	INTELSAT 902	62	4055	CR	34286	8/9	DD Podhigai	TV		○
556	INTELSAT 902	62	4055	CR	34286	8/9	DD Punjabi	TV		○
557	INTELSAT 902	62	4055	CR	34286	8/9	DD Sahyadri	TV		○
558	INTELSAT 902	62	4055	CR	34286	8/9	DD Saptagiri	TV		○
559	INTELSAT 902	62	4055	CR	34286	8/9	DD Malayalam	TV		○
560	INTELSAT 902	62	4055	CR	34286	8/9	Lok Sabha TV	TV		○
561	INTELSAT 902	62	4055	CR	34286	8/9	Rajya Sabha TV	TV		○
562	INTELSAT 902	62	4055	CR	34286	8/9	DD Uttar Pradesh	TV		○
563	INTELSAT 902	62	4055	CR	34286	8/9	DD Bihar	TV		○
564	INTELSAT 902	62	10975	V	3200	3/4	Mazandaran TV	TV		○
565	INTELSAT 902	62	10975	V	3200	3/4	Golestan TV	TV		○
566	INTELSAT 902	62	10975	V	3200	3/4	Radio Mazandaran	TV		○
567	INTELSAT 902	62	10975	V	3200	3/4	Radio Gorgan	TV		○
568	INTELSAT 902	62	10978	V	1591	5/6	Taban TV	TV		○
569	INTELSAT 902	62	10978	V	1591	5/6	Radio Yazd	R		○
570	INTELSAT 902	62	10982	V	4800	3/4	Kerman TV	TV		○
571	INTELSAT 902	62	10982	V	4800	3/4	Khalij-e Fars TV	TV		○
572	INTELSAT 902	62	10982	V	4800	3/4	Hamoon TV	TV		○
573	INTELSAT 902	62	10982	V	4800	3/4	Radio Kerman	R		○
574	INTELSAT 902	62	10982	V	4800	3/4	Radio Khalij-e Fars	R		○
575	INTELSAT 902	62	10982	V	4800	3/4	Radio Zahedan	R		○
576	INTELSAT 902	62	10986	V	1600	3/4	Azərbayjan-e Gharbi TV	TV		○
577	INTELSAT 902	62	10986	V	1600	3/4	Radio Azərbaycan	R		○
578	INTELSAT 902	62	10989	V	3200	3/4	Khozestan TV	TV		○
579	INTELSAT 902	62	10989	V	3200	3/4	Aflak TV	TV		○
580	INTELSAT 902	62	10989	V	3200	3/4	Radio Khozestan	R		○
581	INTELSAT 902	62	10989	V	3200	3/4	Radio Lorestan	R		○
582	INTELSAT 902	62	10992	V	1600	3/4	Isfahan TV	TV		○
583	INTELSAT 902	62	10992	V	1600	3/4	Radio Isfahan	R		○
584	INTELSAT 902	62	10996	V	4800	3/4	Fars TV	TV		○
585	INTELSAT 902	62	10996	V	4800	3/4	Boushehr TV	TV		○
586	INTELSAT 902	62	10996	V	4800	3/4	Dena TV	TV		○
587	INTELSAT 902	62	10996	V	4800	3/4	Radio Fars	R		○
588	INTELSAT 902	62	10996	V	4800	3/4	Radio Boushehr	R		○
589	INTELSAT 902	62	10996	V	4800	3/4	Radio Kohgiluyeh	R		○
590	INTELSAT 902	62	11003	V	4800	3/4	Khorasan Razavi TV	TV		○
591	INTELSAT 902	62	11003	V	4800	3/4	Khorasan Shomali TV	TV		○
592	INTELSAT 902	62	11003	V	4800	3/4	Khorasan Jonoobi TV	TV		○
593	INTELSAT 902	62	11003	V	4800	3/4	Radio Khorasan e Razavi	R		○
594	INTELSAT 902	62	11003	V	4800	3/4	Radio Khorasan Shomali	R		○
595	INTELSAT 902	62	11003	V	4800	3/4	Radio Khorasan Jonoobi	R		○
596	INTELSAT 902	62	11008	V	3200	3/4	Sahand TV	TV		○
597	INTELSAT 902	62	11008	V	3200	3/4	Sabalan TV	TV		○
598	INTELSAT 902	62	11008	V	3200	3/4	Radio Tabriz	R		○
599	INTELSAT 902	62	11008	V	3200	3/4	Radio Ardabil	R		○
600	INTELSAT 902	62	11008	V	3200	3/4	Radio Broonmarzi	R		○
601	INTELSAT 902	62	11011	V	1600	3/4	Semnan TV	TV		○
602	INTELSAT 902	62	11011	V	1600	3/4	Radio Semnan	R		○
603	INTELSAT 902	62	11051	V	4800	3/4	Kermanshah TV	TV		○
604	INTELSAT 902	62	11051	V	4800	3/4	Kordestan TV	TV		○
605	INTELSAT 902	62	11051	V	4800	3/4	Ilam TV	TV		○
606	INTELSAT 902	62	11051	V	4800	3/4	Radio Kermanshah	R		○
607	INTELSAT 902	62	11051	V	4800	3/4	Radio Kordestan	R		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
608	INTELSAT 902	62	11051	V	4800	3/4	Radio Ilam	R		O
609	INTELSAT 902	62	11019	V	1600	3/4	Jahanbin TV	TV		O
610	INTELSAT 902	62	11019	V	1600	3/4	Radio Shahrekord	R		O
611	INTELSAT 902	62	11022	V	3200	3/4	Qazvin TV	TV		O
612	INTELSAT 902	62	11022	V	3200	3/4	Guilan TV	TV		O
613	INTELSAT 902	62	11022	V	3200	3/4	Radio Qazvin	R		O
614	INTELSAT 902	62	11022	V	3200	3/4	Radio Guilan	R		O
615	INTELSAT 902	62	11025	V	1600	3/4	Zanjan TV	TV		O
616	INTELSAT 902	62	11025	V	1600	3/4	Radio Zanjan	R		O
617	INTELSAT 902	62	11029	V	4820	3/4	Qom TV	TV		O
618	INTELSAT 902	62	11029	V	4820	3/4	Aftab TV	TV		O
619	INTELSAT 902	62	11029	V	4820	3/4	Hamedan TV	TV		O
620	INTELSAT 902	62	11029	V	4820	3/4	Radio Qom	R		O
621	INTELSAT 902	62	11029	V	4820	3/4	Radio Aftab	R		O
622	INTELSAT 902	62	11029	V	4820	3/4	Radio Hamedan	R		O
623	INTELSAT 902	62	11176	H	1100	3/4	Aden Live TV	TV		O
624	INTELSAT 902	62	11555	V	30000	2/3	IRIB 1	TV		O
625	INTELSAT 902	62	11555	V	30000	2/3	IRIB 2	TV		O
626	INTELSAT 902	62	11555	V	30000	2/3	IRIB 3	TV		O
627	INTELSAT 902	62	11555	V	30000	2/3	IRIB 4	TV		O
628	INTELSAT 902	62	11555	V	30000	2/3	IRIB 5	TV		O
629	INTELSAT 902	62	11555	V	30000	2/3	IRINN	TV		O
630	INTELSAT 902	62	11555	V	30000	2/3	Amouzeh TV Network (07-20 UTC)	TV		O
631	INTELSAT 902	62	11555	V	30000	2/3	Quran TV (Iran)	TV		O
632	INTELSAT 902	62	11555	V	30000	2/3	Mostanad TV	TV		O
633	INTELSAT 902	62	11555	V	30000	2/3	Shoma TV Network	TV		O
634	INTELSAT 902	62	11555	V	30000	2/3	Bazaar TV	TV		O
635	INTELSAT 902	62	11555	V	30000	2/3	Namayesh TV	TV		O
636	INTELSAT 902	62	11555	V	30000	2/3	Ifilm	TV		O
637	INTELSAT 902	62	11555	V	30000	2/3	Press TV	TV		O
638	INTELSAT 902	62	11555	V	30000	2/3	Varzesh TV	TV		O
639	INTELSAT 902	62	11555	V	30000	2/3	Pooya TV	TV		O
640	INTELSAT 902	62	11555	V	30000	2/3	Salamat	TV		O
641	INTELSAT 902	62	11555	V	30000	2/3	Tamasha	TV		O
642	INTELSAT 902	62	11555	V	30000	2/3	Nasim	TV		O
643	INTELSAT 902	62	11555	V	30000	2/3	Jame-Jam TV Network 2	TV		O
644	INTELSAT 902	62	11555	V	30000	2/3	Jame-Jam TV Network 3	TV		O
645	INTELSAT 902	62	11555	V	30000	2/3	Sahar 2	TV		O
646	INTELSAT 902	62	11555	V	30000	2/3	Alkawthar TV	TV		O
647	INTELSAT 902	62	11555	V	30000	2/3	Radio Iran	R		O
648	INTELSAT 902	62	11555	V	30000	2/3	Radio Payam	R		O
649	INTELSAT 902	62	11555	V	30000	2/3	Radio Javan	R		O
650	INTELSAT 902	62	11555	V	30000	2/3	Radio Maaref	R		O
651	INTELSAT 902	62	11555	V	30000	2/3	Radio Quran (Iran)	R		O
652	INTELSAT 902	62	11555	V	30000	2/3	Radio Farhang	R		O
653	INTELSAT 902	62	11555	V	30000	2/3	Radio Salamat	R		O
654	INTELSAT 902	62	11555	V	30000	2/3	Radio Varzesh	R		O
655	INTELSAT 902	62	11555	V	30000	2/3	Radio Eghtesad	R		O
656	INTELSAT 902	62	11555	V	30000	2/3	Radio Tehran	R		O
657	INTELSAT 902	62	11555	V	30000	2/3	Radio Ava	R		O
658	INTELSAT 902	62	11555	V	30000	2/3	Radio Namayesh	R		O
659	INTELSAT 902	62	11555	V	30000	2/3	Radio Fasl	R		O
660	INTELSAT 902	62	11555	V	30000	2/3	COI Radio	R		O
661	INTELSAT 902	62	11555	V	30000	2/3	Sedaye Ashena 3	R		O
662	INTELSAT 902	62	11555	V	30000	2/3	Radio Ketab	R		O
663	INTELSAT 902	62	11555	V	30000	2/3	Radio Denash	R		O
664	INTELSAT 902	62	11555	V	30000	2/3	Radio Telavat	R		O
665	INTELSAT 902	62	11555	V	30000	2/3	Radio Goftogoo	R		O
666	INTELSAT 902	62	11555	V	30000	2/3	IRIB World Service Radio 1	R		O
667	INTELSAT 902	62	11555	V	30000	2/3	IRIB World Service Radio 2	R		O
668	INTELSAT 902	62	11555	V	30000	2/3	IRIB World Service Radio 3	R		O
669	INTELSAT 902	62	11555	V	30000	2/3	IRIB World Service Radio 4	R		O
670	INTELSAT 902	62	11555	V	30000	2/3	IRIB World Service Radio 5	R		O
671	INTELSAT 902	62	11555	V	30000	2/3	IRIB World Service Radio 6	R		O
672	INTELSAT 902	62	11555	V	30000	2/3	Sedaye Ashena 1	R		O
673	INTELSAT 902	62	11555	V	30000	2/3	Sedaye Ashena 2	R		O
674	INTELSAT 902	62	11555	H	28900	3/4	Perviy kanal (0h)	TV		O
675	INTELSAT 902	62	11555	H	28900	3/4	Rossiya 1	TV		O
676	INTELSAT 902	62	11555	H	28900	3/4	Rossiya 2	TV		O
677	INTELSAT 902	62	11555	H	28900	3/4	NTV	TV		O
678	INTELSAT 902	62	11555	H	28900	3/4	Rossiya 24	TV		O
679	INTELSAT 902	62	11555	H	28900	3/4	TNT (0h)	TV		O
680	INTELSAT 902	62	11555	H	28900	3/4	STS	TV		O
681	INTELSAT 902	62	11555	H	28900	3/4	REN TV (0h)	TV		O
682	INTELSAT 902	62	11555	H	28900	3/4	Okhota i Rybalka	TV		O
683	INTELSAT 902	62	11555	H	28900	3/4	Sport Plus (Russia)	TV		O
684	INTELSAT 902	62	11555	H	28900	3/4	NTV Plus Futbol 1	TV		O
685	INTELSAT 902	62	11555	H	28900	3/4	NTV Plus Futbol 2	TV		O
686	INTELSAT 902	62	11555	H	28900	3/4	Retro	TV		O
687	INTELSAT 902	62	11555	H	28900	3/4	Nostalgia	TV		O
688	INTELSAT 902	62	11555	H	28900	3/4	Kino Plus	TV		O
689	INTELSAT 902	62	11555	H	28900	3/4	Premiera	TV		O
690	INTELSAT 902	62	11555	H	28900	3/4	Rossiya K	TV		O
691	INTELSAT 902	62	11555	H	28900	3/4	5 Kanal (0h)	TV		O
692	INTELSAT 902	62	11555	H	28900	3/4	TV Centr	TV		O
693	INTELSAT 902	62	11555	H	28900	3/4	Sport (Russia)	TV		O
694	INTELSAT 902	62	11555	H	28900	3/4	Domashniy	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 일표화 등)
695	INTELSAT 902	62	11555	H	28900	3/4	Telekanal Zvezda (0h)	TV		O
696	INTELSAT 902	62	11555	H	28900	3/4	NTV Plus Sport	TV		O
697	INTELSAT 902	62	11555	H	28900	3/4	NTV Plus Sport Online	TV		O
698	INTELSAT 902	62	11595	H	31003	7/8	Nashe Kino	TV		O
699	INTELSAT 902	62	11595	H	31003	7/8	Nashe Novoe Kino	TV		O
700	INTELSAT 902	62	11595	H	31003	7/8	Kino Soyuz	TV		O
701	INTELSAT 902	62	11595	H	31003	7/8	KinoHit	TV		O
702	INTELSAT 902	62	11595	H	31003	7/8	Kanal Disney	TV		O
703	INTELSAT 902	62	11595	H	31003	7/8	MTV Hits	TV		O
704	INTELSAT 902	62	11595	H	31003	7/8	MTV Dance	TV		O
705	INTELSAT 902	62	11595	H	31003	7/8	Uzbekistan	TV		O
706	INTELSAT 902	62	11595	H	31003	7/8	VH1 Classic Europe	TV		O
707	INTELSAT 902	62	11595	H	31003	7/8	Kinoklub	TV		O
708	INTELSAT 902	62	11595	H	31003	7/8	EuroNews	TV		O
709	INTELSAT 902	62	11595	H	31003	7/8	RBK TV	TV		O
710	INTELSAT 902	62	11595	H	31003	7/8	La Minor	TV		O
711	INTELSAT 902	62	11595	H	31003	7/8	TV 3 (0h)	TV		O
712	INTELSAT 902	62	11595	H	31003	7/8	Sport 1 (Russia)	TV		O
713	INTELSAT 902	62	11595	H	31003	7/8	NTV Plus Futbol 1	TV		O
714	INTELSAT 906	64	3644	CR	8545	2/3	ITV (Tanzania)	TV		O
715	INTELSAT 906	64	3644	CR	8545	2/3	EATV 5	TV		O
716	INTELSAT 906	64	3644	CR	8545	2/3	Capital TV (Tanzania)	TV		O
717	INTELSAT 906	64	3644	CR	8545	2/3	Radio One	R		O
718	INTELSAT 906	64	3644	CR	8545	2/3	East Africa Radio	R		O
719	INTELSAT 906	64	3644	CR	8545	2/3	Capital Radio (Tanzania)	R		O
720	INTELSAT 906	64	3654	CR	5632	3/4	TVM 1	TV		O
721	INTELSAT 906	64	3654	CR	5632	3/4	TIM	TV		O
722	INTELSAT 906	64	3654	CR	5632	3/4	TVM 2 (Mozambique)	TV		O
723	INTELSAT 906	64	3654	CR	5632	3/4	Antena Nacional	R		O
724	INTELSAT 906	64	3654	CR	5632	3/4	Canal A	R		O
725	INTELSAT 906	64	3654	CR	5632	3/4	Antena Nacional	R		O
726	INTELSAT 906	64	3721	CR	4882	2/3	UBC TV	TV		O
727	INTELSAT 906	64	3721	CR	4882	2/3	Star FM	R		O
728	INTELSAT 906	64	3721	CR	4882	2/3	Magic 100 FM (Uganda)	R		O
729	INTELSAT 906	64	3765	CR	1413	3/4	ITV (Benin)	TV		O
730	INTELSAT 906	64	3884	CL	4900	1/2	Star TV (Tanzania)	TV		O
731	INTELSAT 906	64	3884	CL	4900	1/2	Radio Free Africa	R		O
732	INTELSAT 906	64	3884	CL	4900	1/2	Kiss FM (Tanzania)	R		O
733	INTELSAT 906	64	3893	CL	3072	1/2	TBC 1	TV		O
734	INTELSAT 906	64	3893	CL	3072	1/2	TBC FM	R		O
735	INTELSAT 906	64	3893	CL	3072	1/2	TBC Taifa	R		O
736	INTELSAT 906	64	3893	CL	3072	1/2	Clouds FM	R		O
737	INTELSAT 906	64	3900	CL	3800	1/2	Agape TV Network	TV		O
738	INTELSAT 906	64	3900	CL	3800	1/2	Uhuru FM	R		O
739	INTELSAT 906	64	4039	CL	2034	2/3	TBN Namibia	TV		O
740	INTELSAT 906	64	4044	CL	2848	?	One Africa TV	TV		O
741	INTELSAT 906	64	4066	CL	2848	2/3	Channel Ten	TV		O
742	INTELSAT 906	64	4094	CL	3680	2/3	AFN Prime Atlantic	TV		O
743	INTELSAT 906	64	4094	CL	3680	2/3	AFN News	TV		O
744	INTELSAT 906	64	4094	CL	3680	2/3	AFN Sports	TV		O
745	INTELSAT 906	64	4094	CL	3680	2/3	Hero	R		O
746	INTELSAT 906	64	4094	CL	3680	2/3	NPR Worldwide AFRTS	R		O
747	INTELSAT 906	64	4094	CL	3680	2/3	The Nerve	R		O
748	INTELSAT 906	64	10990	V	53000	3/4	Star Utsav	TV		O
749	INTELSAT 906	64	10990	V	53000	3/4	Zing Asia	TV		O
750	INTELSAT 906	64	10990	V	53000	3/4	Now TV	TV		O
751	INTELSAT 906	64	10990	V	53000	3/4	Macau Lotus TV	TV		O
752	INTELSAT 906	64	10990	V	53000	3/4	Style 360	TV		O
753	INTELSAT 906	64	10990	V	53000	3/4	DW	TV		O
754	INTELSAT 906	64	10990	V	53000	3/4	Samay Maharashtra/Gujarat	TV		O
755	INTELSAT 906	64	10990	V	53000	3/4	Samay Bihar/Jharkhand	TV		O
756	INTELSAT 906	64	10990	V	53000	3/4	VoA TV Asia	TV		O
757	INTELSAT 906	64	10990	V	53000	3/4	RT English	TV		O
758	INTELSAT 906	64	10990	V	53000	3/4	Al Jazeera English	TV		O
759	INTELSAT 906	64	10990	V	53000	3/4	Fashion TV Asia	TV		O
760	INTELSAT 906	64	10990	V	53000	3/4	Thanthi TV	TV		O
761	INTELSAT 906	64	10990	V	53000	3/4	DD Sports	TV		O
762	INTELSAT 906	64	10990	V	53000	3/4	Peace TV Urdu	TV		O
763	INTELSAT 906	64	10990	V	53000	3/4	SET India	TV		O
764	INTELSAT 906	64	10990	V	53000	3/4	Sony Max India	TV		O
765	INTELSAT 906	64	10990	V	53000	3/4	Discovery Channel India	TV		O
766	INTELSAT 906	64	10990	V	53000	3/4	Animal Planet India	TV		O
767	INTELSAT 906	64	10990	V	53000	3/4	Imagine Showbiz	TV		O
768	INTELSAT 906	64	10990	V	53000	3/4	UTV World Movies	TV		O
769	INTELSAT 906	64	10990	V	53000	3/4	UTV Movies	TV		O
770	INTELSAT 906	64	10990	V	53000	3/4	Bindass	TV		O
771	INTELSAT 906	64	10990	V	53000	3/4	God TV Asia	TV		O
772	INTELSAT 906	64	10990	V	53000	3/4	Mahuaa TV	TV		O
773	INTELSAT 906	64	10990	V	53000	3/4	Pragya TV	TV		O
774	INTELSAT 906	64	10990	V	53000	3/4	Music India	TV		O
775	INTELSAT 906	64	10990	V	53000	3/4	Hamar TV	TV		O
776	INTELSAT 906	64	10990	V	53000	3/4	Kantipur TV	TV		O
777	INTELSAT 906	64	10990	V	53000	3/4	Image Channel	TV		O
778	INTELSAT 906	64	10990	V	53000	3/4	ABC TV (Nepal)	TV		O
779	INTELSAT 906	64	10990	V	53000	3/4	Star Utsav	TV		O
780	INTELSAT 906	64	10990	V	53000	3/4	NTV Plus	TV		O
781	INTELSAT 906	64	10990	V	53000	3/4	Sagarmatha TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
782	INTELSAT 906	64	10990	V	53000	3/4	Avenues TV	TV		O
783	INTELSAT 906	64	10990	V	53000	3/4	Terai TV	TV		O
784	INTELSAT 906	64	10990	V	53000	3/4	News 24 (Nepal)	TV		O
785	INTELSAT 906	64	10990	V	53000	3/4	National TV (Nepal)	TV		O
786	INTELSAT 17	66	3845	H	30000	3/4	Sony Pix	TV		O
787	INTELSAT 17	66	3845	H	30000	3/4	SET Asia	TV		O
788	INTELSAT 17	66	3845	H	30000	3/4	SET Middle East	TV		O
789	INTELSAT 17	66	3845	H	30000	3/4	Sony Max Asia	TV		O
790	INTELSAT 17	66	3845	H	30000	3/4	Sony Max UK	TV		O
791	INTELSAT 17	66	3845	H	30000	3/4	Sony SAB TV Asia	TV		O
792	INTELSAT 17	66	3845	H	30000	3/4	Max Middle East	TV		O
793	INTELSAT 17	66	3845	H	30000	3/4	Sony Six	TV		O
794	INTELSAT 17	66	3845	H	30000	3/4	Sony Six	TV		O
795	INTELSAT 17	66	3845	H	30000	3/4	SET Asia	TV		O
796	INTELSAT 17	66	3845	V	27692	7/8	Kalaigarnar TV	TV	O	
797	INTELSAT 17	66	3845	V	27692	7/8	Seithigal	TV	O	
798	INTELSAT 17	66	3845	V	27692	7/8	Isai Aruvi	TV	O	
799	INTELSAT 17	66	3845	V	27692	7/8	Sirippoli	TV	O	
800	INTELSAT 17	66	3845	V	27692	7/8	Chithiram	TV	O	
801	INTELSAT 17	66	3845	V	27692	7/8	Kalaigarnar Murasu TV	TV	O	
802	INTELSAT 17	66	3845	V	27692	7/8	Maa TV	TV		O
803	INTELSAT 17	66	3845	V	27692	7/8	Maa Movies	TV		O
804	INTELSAT 17	66	3845	V	27692	7/8	Maa Music	TV		O
805	INTELSAT 17	66	3845	V	27692	7/8	Maa Gold	TV		O
806	INTELSAT 17	66	3845	V	27692	7/8	Vendhar TV	TV		O
807	INTELSAT 17	66	3876	H	14300	3/4	CVR English	TV		O
808	INTELSAT 17	66	3876	H	14300	3/4	CVR Spiritual	TV		O
809	INTELSAT 17	66	3876	H	14300	3/4	Tollywood TV	TV		O
810	INTELSAT 17	66	3876	H	14300	3/4	Darshana TV	TV		O
811	INTELSAT 17	66	3876	H	14300	3/4	News 7 Tamil	TV		O
812	INTELSAT 17	66	3876	H	14300	3/4	6 TV Darshanam	TV		O
813	INTELSAT 17	66	3876	H	14300	3/4	RTV (India)	TV		O
814	INTELSAT 17	66	3876	H	14300	3/4	S News	TV		O
815	INTELSAT 17	66	3876	H	14300	3/4	Express TV (India)	TV		O
816	INTELSAT 17	66	3876	H	14300	3/4	Vaartha TV	TV		O
817	INTELSAT 17	66	3876	H	14300	3/4	Polimer Kannada	TV		O
818	INTELSAT 17	66	3876	H	14300	3/4	6 TV Telugu	TV		O
819	INTELSAT 17	66	3885	V	30000	3/4	Sun TV (India)	TV		O
820	INTELSAT 17	66	3885	V	30000	3/4	KTV (India)	TV		O
821	INTELSAT 17	66	3885	V	30000	3/4	Sun News (India)	TV		O
822	INTELSAT 17	66	3885	V	30000	3/4	Sun Music	TV		O
823	INTELSAT 17	66	3885	V	30000	3/4	Gemini TV	TV		O
824	INTELSAT 17	66	3885	V	30000	3/4	Gemini Movies	TV		O
825	INTELSAT 17	66	3885	V	30000	3/4	Gemini Comedy	TV		O
826	INTELSAT 17	66	3885	V	30000	3/4	Udaya TV	TV		O
827	INTELSAT 17	66	3885	V	30000	3/4	Udaya Movies	TV		O
828	INTELSAT 17	66	3885	V	30000	3/4	Surya Action	TV		O
829	INTELSAT 17	66	3885	V	30000	3/4	Surya TV	TV		O
830	INTELSAT 17	66	3885	V	30000	3/4	Chutti TV	TV		O
831	INTELSAT 17	66	3885	V	30000	3/4	Kochu TV	TV		O
832	INTELSAT 17	66	3885	V	30000	3/4	Gemini Music	TV		O
833	INTELSAT 17	66	3885	V	30000	3/4	Kiran TV	TV		O
834	INTELSAT 17	66	3885	V	30000	3/4	Sun Action	TV		O
835	INTELSAT 17	66	3885	V	30000	3/4	Gemini Action	TV		O
836	INTELSAT 17	66	3885	V	30000	3/4	Suriyan TV	TV		O
837	INTELSAT 17	66	3885	V	30000	3/4	Gemini News	TV		O
838	INTELSAT 17	66	3885	V	30000	3/4	Udaya News	TV		O
839	INTELSAT 17	66	3894	H	13840	5/6	HMTV	TV		O
840	INTELSAT 17	66	3894	H	13840	5/6	Shopping Zone	TV		O
841	INTELSAT 17	66	3894	H	13840	5/6	Aradana TV	TV		O
842	INTELSAT 17	66	3894	H	13840	5/6	Rakshana TV	TV		O
843	INTELSAT 17	66	3894	H	13840	5/6	T News	TV		O
844	INTELSAT 17	66	3894	H	13840	5/6	Indiavision	TV		O
845	INTELSAT 17	66	3894	H	13840	5/6	Yes Indiavision	TV		O
846	INTELSAT 17	66	3894	H	13840	5/6	Calvary TV	TV		O
847	INTELSAT 17	66	3894	H	13840	5/6	Prarthana Bhawan TV	TV		O
848	INTELSAT 17	66	3894	H	13840	5/6	7S Music	TV		O
849	INTELSAT 17	66	3894	H	13840	5/6	ABN (India)	TV		O
850	INTELSAT 17	66	3894	H	13840	5/6	Darshana TV	TV		O
851	INTELSAT 17	66	3894	H	13840	5/6	V6 News	TV		O
852	INTELSAT 17	66	3894	H	13840	5/6	CVR News	TV		O
853	INTELSAT 17	66	3894	H	13840	5/6	News 7 Tamil	TV		O
854	INTELSAT 17	66	3894	H	13840	5/6	ATV (India)	TV		O
855	INTELSAT 17	66	3894	H	13840	5/6	CVR Health	TV		O
856	INTELSAT 17	66	3894	H	13840	5/6	INews	TV		O
857	INTELSAT 17	66	3894	H	13840	5/6	10 TV	TV		O
858	INTELSAT 17	66	3914	H	11200	3/4	NDTV 24x7	TV		O
859	INTELSAT 17	66	3914	H	11200	3/4	NDTV India	TV		O
860	INTELSAT 17	66	3914	H	11200	3/4	NDTV Profit (Mon-Fri 09-17)	TV		O
861	INTELSAT 17	66	3914	H	11200	3/4	NDTV Prime (Mon Fri 17-09 & Sat-Sun)	TV		O
862	INTELSAT 17	66	3914	H	11200	3/4	NDTV Good Times	TV		O
863	INTELSAT 17	66	3925	V	30000	3/4	Kushi TV	TV		O
864	INTELSAT 17	66	3925	V	30000	3/4	Udaya Music	TV		O
865	INTELSAT 17	66	3925	V	30000	3/4	Chintu TV	TV		O
866	INTELSAT 17	66	3925	V	30000	3/4	Adithya TV	TV		O
867	INTELSAT 17	66	3925	V	30000	3/4	Udaya Comedy	TV		O
868	INTELSAT 17	66	3925	V	30000	3/4	Sun TV Rest of India	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
869	INTELSAT 17	66	3925	V	30000	3/4	Surya Music	TV		O
870	INTELSAT 17	66	3925	V	30000	3/4	Sun Life	TV		O
871	INTELSAT 17	66	3925	V	30000	3/4	Gemini Life	TV		O
872	INTELSAT 17	66	3925	V	30000	3/4	Sun TV (India)	TV		O
873	INTELSAT 17	66	3925	V	30000	3/4	KTV (India)	TV		O
874	INTELSAT 17	66	3925	V	30000	3/4	Sun Music	TV		O
875	INTELSAT 17	66	3925	V	30000	3/4	Gemini TV	TV		O
876	INTELSAT 17	66	3966	H	14400	2/3	Polimer	TV		O
877	INTELSAT 17	66	3966	H	14400	2/3	Thanthi TV	TV		O
878	INTELSAT 17	66	3968	V	8800	2/3	Suvarna Plus	TV		O
879	INTELSAT 17	66	3968	V	8800	2/3	Janapriya TV	TV		O
880	INTELSAT 17	66	3968	V	8800	2/3	Sakhi TV	TV		O
881	INTELSAT 17	66	3968	V	8800	2/3	Flowers tests	TV		O
882	INTELSAT 17	66	3968	V	8800	2/3	TV New	TV		O
883	INTELSAT 17	66	3968	V	8800	2/3	Darshana TV	TV		O
884	INTELSAT 17	66	3984	H	14400	2/3	Animal Planet HD World India	TV		O
885	INTELSAT 17	66	3984	H	14400	2/3	TLC HD World India	TV		O
886	INTELSAT 17	66	4006	H	14400	2/3	Kappa TV	TV		O
887	INTELSAT 17	66	4006	H	14400	2/3	Mathrubhumi News	TV		O
888	INTELSAT 17	66	4006	H	14400	2/3	Mathrubhumi News North	TV		O
889	INTELSAT 17	66	4006	H	14400	2/3	Mathrubhumi News South	TV		O
890	INTELSAT 17	66	4006	H	14400	2/3	Shalom TV India	TV		O
891	INTELSAT 17	66	4006	H	14400	2/3	Salvation TV	TV		O
892	INTELSAT 17	66	4006	H	14400	2/3	Media One	TV		O
893	INTELSAT 17	66	4006	H	14400	2/3	Kaumudy TV	TV		O
894	INTELSAT 17	66	4006	H	14400	2/3	Athmeeya Yathra TV	TV		O
895	INTELSAT 17	66	4006	H	14400	2/3	Powervision TV	TV		O
896	INTELSAT 17	66	4006	H	14400	2/3	Sathiyam TV	TV		O
897	INTELSAT 17	66	4006	H	14400	2/3	Dheeran TV	TV		O
898	INTELSAT 17	66	4006	H	14400	2/3	Harvest TV	TV		O
899	INTELSAT 17	66	4006	H	14400	2/3	Safari	TV		O
900	INTELSAT 17	66	4006	H	14400	2/3	Studio One HD	TV		O
901	INTELSAT 17	66	4015	V	30000	3/4	Angel TV India	TV		O
902	INTELSAT 17	66	4015	V	30000	3/4	Captain TV	TV		O
903	INTELSAT 17	66	4015	V	30000	3/4	Imayam TV	TV		O
904	INTELSAT 17	66	4015	V	30000	3/4	Madha TV	TV		O
905	INTELSAT 17	66	4015	V	30000	3/4	Makkal TV	TV		O
906	INTELSAT 17	66	4015	V	30000	3/4	Kairali TV	TV		O
907	INTELSAT 17	66	4015	V	30000	3/4	People TV (India)	TV		O
908	INTELSAT 17	66	4015	V	30000	3/4	We	TV		O
909	INTELSAT 17	66	4015	V	30000	3/4	Moon TV	TV		O
910	INTELSAT 17	66	4015	V	30000	3/4	Puthiya Thalaimurai	TV		O
911	INTELSAT 17	66	4015	V	30000	3/4	Sri Sankara	TV		O
912	INTELSAT 17	66	4015	V	30000	3/4	Subhavaartha TV	TV		O
913	INTELSAT 17	66	4015	V	30000	3/4	Tamilan TV	TV		O
914	INTELSAT 17	66	4015	V	30000	3/4	Vasanth TV	TV		O
915	INTELSAT 17	66	4015	V	30000	3/4	Win TV (India)	TV		O
916	INTELSAT 17	66	4015	V	30000	3/4	Polimer	TV		O
917	INTELSAT 17	66	4015	V	30000	3/4	Studio N News	TV		O
918	INTELSAT 17	66	4015	V	30000	3/4	Public TV	TV		O
919	INTELSAT 17	66	4015	V	30000	3/4	Captain News	TV		O
920	INTELSAT 17	66	4015	V	30000	3/4	TV 5 News	TV		O
921	INTELSAT 17	66	4015	V	30000	3/4	Polimer News	TV		O
922	INTELSAT 17	66	4015	V	30000	3/4	MK TV	TV		O
923	INTELSAT 17	66	4015	V	30000	3/4	Channel UFX	TV		O
924	INTELSAT 17	66	4015	V	30000	3/4	Puthuyugam TV	TV		O
925	INTELSAT 17	66	4015	V	30000	3/4	Public Music	TV		O
926	INTELSAT 17	66	4024	H	14400	2/3	Asianet	TV		O
927	INTELSAT 17	66	4024	H	14400	2/3	Asianet Plus	TV		O
928	INTELSAT 17	66	4024	H	14400	2/3	Asianet Suvarna	TV		O
929	INTELSAT 17	66	4024	H	14400	2/3	Star Vijay India	TV		O
930	INTELSAT 17	66	4024	H	14400	2/3	Star Vijay International	TV		O
931	INTELSAT 17	66	4024	H	14400	2/3	Asianet News	TV		O
932	INTELSAT 17	66	4024	H	14400	2/3	Asianet Middle East	TV		O
933	INTELSAT 17	66	4024	H	14400	2/3	Suvarna News 24x7	TV		O
934	INTELSAT 17	66	4024	H	14400	2/3	Amrita TV	TV		O
935	INTELSAT 17	66	4024	H	14400	2/3	Goodness TV	TV		O
936	INTELSAT 17	66	4024	H	14400	2/3	Jaihind TV	TV		O
937	INTELSAT 17	66	4024	H	14400	2/3	Jeevan TV	TV		O
938	INTELSAT 17	66	4024	H	14400	2/3	Janasri News	TV		O
939	INTELSAT 17	66	4024	H	14400	2/3	Reporter	TV		O
940	INTELSAT 17	66	4024	H	14400	2/3	Manorama News International	TV		O
941	INTELSAT 17	66	11498	H	2400	?	Stellenbosch University	TV		O
942	INTELSAT 17	66	11505	H	13271	3/4	Mindset Health	R		O
943	INTELSAT 17	66	11505	H	13271	3/4	Mindset Learn	TV		O
944	INTELSAT 17	66	11515	H	1735	?	UNISA (South Africa)	TV		O
945	INTELSAT 17	66	11556	H	20129	1/2	M-Net South Africa	TV		O
946	INTELSAT 17	66	11556	H	20129	1/2	SuperSport CSN	TV		O
947	INTELSAT 17	66	11556	H	20129	1/2	E TV	TV		O
948	INTELSAT 17	66	11556	H	20129	1/2	Vuzu	TV		O
949	INTELSAT 17	66	11556	H	20129	1/2	SuperSport Blitz	TV		O
950	INTELSAT 17	66	11556	H	20129	1/2	M-Net Movies Stars	TV		O
951	INTELSAT 17	66	11556	H	20129	1/2	M-Net Series Zone	TV		O
952	INTELSAT 17	66	11556	H	20129	1/2	M-Net Movies Action	TV		O
953	INTELSAT 17	66	11556	H	20129	1/2	Mzansi Magic	TV		O
954	INTELSAT 17	66	11556	H	20129	1/2	Africa Magic Family	TV		O
955	INTELSAT 17	66	11556	H	20129	1/2	KykNet	TV		O

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956	INTELSAT 17	66	11556	H	20129	1/2	Channel O	TV		O
957	INTELSAT 17	66	12596	H	6666	3/4	Rossiya 1 Nizhny Novgorod	TV		O
958	INTELSAT 17	66	12596	H	6666	3/4	NNTV	TV		O
959	INTELSAT 17	66	12596	H	6666	3/4	Radio Rossii Nizhny Novgorod	R		O
960	INTELSAT 17	66	12596	H	6666	3/4	Radio Rossii	R		O
961	INTELSAT 17	66	12596	H	6666	3/4	Radio Obraz	R		O
962	INTELSAT 17	66	12602	H	2000	5/6	NRJ Russia (+2h)	R		O
963	INTELSAT 17	66	12602	H	2000	5/6	Avtoradio (0h)	R		O
964	INTELSAT 17	66	12602	H	2000	5/6	Avtoradio (+4h)	R		O
965	INTELSAT 17	66	12602	H	2000	5/6	Avtoradio (+7h)	R		O
966	INTELSAT 17	66	12602	H	2000	5/6	Avtoradio (+2h)	R		O
967	INTELSAT 17	66	12602	H	2000	5/6	Humor FM (+4h)	R		O
968	INTELSAT 17	66	12602	H	2000	5/6	Humor FM (+7h)	R		O
969	INTELSAT 17	66	12602	H	2000	5/6	Humor FM (+2h)	R		O
970	INTELSAT 17	66	12602	H	2000	5/6	Avtoradio Sankt Peterburg	R		O
971	INTELSAT 17	66	12602	H	2000	5/6	Militseyskaya Volna	R		O
972	INTELSAT 17	66	12602	H	2000	5/6	NRJ Russia (+4h)	R		O
973	INTELSAT 17	66	12602	H	2000	5/6	Business FM	R		O
974	INTELSAT 17	66	12602	H	2000	5/6	Radio Romantika	R		O
975	INTELSAT 20	68.5	3708	V	7900	3/4	Premier League TV	TV		O
976	INTELSAT 20	68.5	3712	H	14454	3/4	Ten Sports India	TV		O
977	INTELSAT 20	68.5	3712	H	14454	3/4	Ten Cricket International	TV		O
978	INTELSAT 20	68.5	3712	H	14454	3/4	Ten Action	TV		O
979	INTELSAT 20	68.5	3714	V	3000	3/4	Hungama TV	TV		O
980	INTELSAT 20	68.5	3723	V	9600	3/4	TV 9 Telugu	TV		O
981	INTELSAT 20	68.5	3723	V	9600	3/4	Jai Telangana TV	TV		O
982	INTELSAT 20	68.5	3723	V	9600	3/4	TV 9 Karnataka	TV		O
983	INTELSAT 20	68.5	3723	V	9600	3/4	News 9	TV		O
984	INTELSAT 20	68.5	3723	V	9600	3/4	TV 9 Maharashtra	TV		O
985	INTELSAT 20	68.5	3723	V	9600	3/4	TV 9 Gujarat	TV		O
986	INTELSAT 20	68.5	3732	V	7200	3/4	Mahaa News	TV		O
987	INTELSAT 20	68.5	3732	V	7200	3/4	YPlus	TV		O
988	INTELSAT 20	68.5	3732	V	7200	3/4	Munsif TV	TV		O
989	INTELSAT 20	68.5	3732	V	7200	3/4	PTC Punjabi	TV		O
990	INTELSAT 20	68.5	3732	V	7200	3/4	Nepal 1	TV		O
991	INTELSAT 20	68.5	3732	V	7200	3/4	Shubhsandesh TV	TV		O
992	INTELSAT 20	68.5	3732	V	7200	3/4	R Plus Gold	TV		O
993	INTELSAT 20	68.5	3739	H	26590	1/2	NHK World TV	TV	O	
994	INTELSAT 20	68.5	3739	H	26590	1/2	NHK World Premium	TV		O
995	INTELSAT 20	68.5	3739	H	26590	1/2	NHK World TV	TV		O
996	INTELSAT 20	68.5	3739	H	26590	1/2	Radio Japan	R	O	
997	INTELSAT 20	68.5	3739	H	26590	1/2	Radio Japan	R	O	
998	INTELSAT 20	68.5	3739	H	26590	1/2	Radio Japan	R	O	
999	INTELSAT 20	68.5	3739	H	26590	1/2	Radio Japan	R	O	
1000	INTELSAT 20	68.5	3739	H	26590	1/2	Radio Japan	R	O	
1001	INTELSAT 20	68.5	3742	V	7000	3/4	Sadhna TV	TV		O
1002	INTELSAT 20	68.5	3742	V	7000	3/4	Subharti	TV		O
1003	INTELSAT 20	68.5	3742	V	7000	3/4	Khabrain Abhi Tak	TV		O
1004	INTELSAT 20	68.5	3742	V	7000	3/4	Super TV (India)	TV		O
1005	INTELSAT 20	68.5	3742	V	7000	3/4	Anjan TV	TV		O
1006	INTELSAT 20	68.5	3742	V	7000	3/4	Jai Maharashtra	TV		O
1007	INTELSAT 20	68.5	3742	V	7000	3/4	4 Real News	TV		O
1008	INTELSAT 20	68.5	3752	V	9300	3/4	Sarv Dharam Sangam	TV		O
1009	INTELSAT 20	68.5	3752	V	9300	3/4	Fata Fati	TV		O
1010	INTELSAT 20	68.5	3752	V	9300	3/4	Prag News	TV		O
1011	INTELSAT 20	68.5	3752	V	9300	3/4	IBC 24	TV		O
1012	INTELSAT 20	68.5	3752	V	9300	3/4	Star CJ Alive	TV		O
1013	INTELSAT 20	68.5	3752	V	9300	3/4	Adhyatm TV	TV		O
1014	INTELSAT 20	68.5	3752	V	9300	3/4	Star CJ Alive 2	TV		O
1015	INTELSAT 20	68.5	3752	V	9300	3/4	Jinvani Channel	TV		O
1016	INTELSAT 20	68.5	3752	V	9300	3/4	Aath	TV		O
1017	INTELSAT 20	68.5	3752	V	9300	3/4	Your News promo	TV		O
1018	INTELSAT 20	68.5	3752	V	9300	3/4	Channel WIN	TV		O
1019	INTELSAT 20	68.5	3765	V	2950	5/6	MGM Channel India	TV		O
1020	INTELSAT 20	68.5	3774	V	2944	3/4	Aastha TV	TV	O	
1021	INTELSAT 20	68.5	3777	V	2940	3/4	Aastha Bhajan	TV		O
1022	INTELSAT 20	68.5	3777	V	2940	3/4	Vedic	TV		O
1023	INTELSAT 20	68.5	3782	V	2965	3/4	CGN TV	TV		O
1024	INTELSAT 20	68.5	3790	H	7200	3/4	DD India	TV		O
1025	INTELSAT 20	68.5	3790	H	7200	3/4	Cinema TV (India)	TV		O
1026	INTELSAT 20	68.5	3790	H	7200	3/4	Blue Naaptol	TV		O
1027	INTELSAT 20	68.5	3790	H	7200	3/4	MGK Naaptol	TV		O
1028	INTELSAT 20	68.5	3790	H	7200	3/4	Nirmana News	TV		O
1029	INTELSAT 20	68.5	3790	H	7200	3/4	Aryan TV	TV		O
1030	INTELSAT 20	68.5	3790	H	7200	3/4	Vip News	TV		O
1031	INTELSAT 20	68.5	3792	V	1681	3/4	Spirit Word	TV		O
1032	INTELSAT 20	68.5	3796	V	7200	3/4	TV 7 Health Planet	TV		O
1033	INTELSAT 20	68.5	3796	V	7200	3/4	Lotus News	TV		O
1034	INTELSAT 20	68.5	3796	V	7200	3/4	HBN	TV		O
1035	INTELSAT 20	68.5	3796	V	7200	3/4	Shalini TV	TV		O
1036	INTELSAT 20	68.5	3796	V	7200	3/4	Tulasi News	TV		O
1037	INTELSAT 20	68.5	3796	V	7200	3/4	Jano Duniya	TV		O
1038	INTELSAT 20	68.5	3796	V	7200	3/4	K News 24x7	TV		O
1039	INTELSAT 20	68.5	3796	V	7200	3/4	Vikas TV tests	TV		O
1040	INTELSAT 20	68.5	3802	V	1954	3/4	Daystar TV	TV		O
1041	INTELSAT 20	68.5	3802	H	10000	3/4	Times Now	TV		O
1042	INTELSAT 20	68.5	3802	H	10000	3/4	Zoom (India)	TV		O

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1043	INTELSAT 20	68.5	3802	H	10000	3/4	ET Now	TV		○
1044	INTELSAT 20	68.5	3810	H	3312	2/3	Jaag TV	TV	○	
1045	INTELSAT 20	68.5	3836	V	7200	2/3	M Tunes HD	TV		○
1046	INTELSAT 20	68.5	3836	V	7200	2/3	Music Xpress	TV		○
1047	INTELSAT 20	68.5	3836	V	7200	2/3	Bhakti Sagar	TV		○
1048	INTELSAT 20	68.5	3838	H	16296	3/4	Aaj Tak	TV		○
1049	INTELSAT 20	68.5	3838	H	16296	3/4	Headlines Today	TV		○
1050	INTELSAT 20	68.5	3838	H	16296	3/4	Tez	TV		○
1051	INTELSAT 20	68.5	3838	H	16296	3/4	Aaj Tak Delhi	TV		○
1052	INTELSAT 20	68.5	3838	H	16296	3/4	Aaj Tak International	TV		○
1053	INTELSAT 20	68.5	3838	H	16296	3/4	Headlines Today International	TV		○
1054	INTELSAT 20	68.5	3838	H	16296	3/4	Aaj Tak UK	TV		○
1055	INTELSAT 20	68.5	3854	H	7200	2/3	Jan TV	TV		○
1056	INTELSAT 20	68.5	3854	H	7200	2/3	Khabar Fast	TV		○
1057	INTELSAT 20	68.5	3854	H	7200	2/3	Khobor 365 Din	TV		○
1058	INTELSAT 20	68.5	3854	H	7200	2/3	A1 Tehelka Haryana	TV		○
1059	INTELSAT 20	68.5	3854	H	7200	2/3	GS TV (India)	TV		○
1060	INTELSAT 20	68.5	3854	H	7200	2/3	Jan TV Plus	TV		○
1061	INTELSAT 20	68.5	3854	H	7200	2/3	Maha Movie	TV		○
1062	INTELSAT 20	68.5	3864	H	7200	3/4	M Tunes HD	TV		○
1063	INTELSAT 20	68.5	3864	H	7200	3/4	Music Xpress	TV		○
1064	INTELSAT 20	68.5	3864	H	7200	3/4	Bhakti Sagar	TV		○
1065	INTELSAT 20	68.5	3887	V	2960	3/4	3ABN	TV	○	
1066	INTELSAT 20	68.5	3887	V	2960	3/4	WRN English Africa & Middle East	R	○	
1067	INTELSAT 20	68.5	3887	V	2960	3/4	Voice of Tibet	R	○	
1068	INTELSAT 20	68.5	3887	V	2960	3/4	3ABN Radio	R	○	
1069	INTELSAT 20	68.5	3891	V	1954	5/6	Daystar TV	TV		○
1070	INTELSAT 20	68.5	3900	H	22222	5/6	Sony SAB TV India	TV		○
1071	INTELSAT 20	68.5	3900	H	22222	5/6	Sony Pix	TV		○
1072	INTELSAT 20	68.5	3900	H	22222	5/6	Sony Mix	TV		○
1073	INTELSAT 20	68.5	3900	H	22222	5/6	Sony Six	TV		○
1074	INTELSAT 20	68.5	3900	H	22222	5/6	Sony Max India	TV		○
1075	INTELSAT 20	68.5	3900	H	22222	5/6	Sony Max 2	TV		○
1076	INTELSAT 20	68.5	3900	H	22222	5/6	SET India	TV		○
1077	INTELSAT 20	68.5	3900	V	10370	3/4	Neo Prime	TV		○
1078	INTELSAT 20	68.5	3900	V	10370	3/4	Neo Sports	TV		○
1079	INTELSAT 20	68.5	3913	V	6510	3/4	KBS World	TV		○
1080	INTELSAT 20	68.5	3921	H	3200	1/3	Bindass	TV		○
1081	INTELSAT 20	68.5	3921	H	3200	1/3	UTV Action	TV		○
1082	INTELSAT 20	68.5	3922	V	7000	5/6	India TV (India)	TV		○
1083	INTELSAT 20	68.5	3931	H	9600	5/6	Disney Channel India	TV		○
1084	INTELSAT 20	68.5	3931	H	9600	5/6	Disney XD India	TV		○
1085	INTELSAT 20	68.5	3931	H	9600	5/6	Disney Junior India	TV		○
1086	INTELSAT 20	68.5	3931	H	9600	5/6	Bindass Play	TV		○
1087	INTELSAT 20	68.5	3931	H	9600	5/6	UTV Movies	TV		○
1088	INTELSAT 20	68.5	3931	H	9600	5/6	UTV Movies International	TV		○
1089	INTELSAT 20	68.5	3940	V	7200	3/4	Movies Now	TV		○
1090	INTELSAT 20	68.5	3974	H	19500	3/4	WB India	TV		○
1091	INTELSAT 20	68.5	3974	H	19500	3/4	WB Pakistan	TV		○
1092	INTELSAT 20	68.5	3974	H	19500	3/4	HBO South Asia	TV		○
1093	INTELSAT 20	68.5	3974	H	19500	3/4	Pogo	TV		○
1094	INTELSAT 20	68.5	3974	H	19500	3/4	CNN International South Asia	TV		○
1095	INTELSAT 20	68.5	3974	H	19500	3/4	Cartoon Network Pakistan	TV		○
1096	INTELSAT 20	68.5	3974	H	19500	3/4	Cartoon Network India	TV		○
1097	INTELSAT 20	68.5	3974	H	19500	3/4	Toonami	TV		○
1098	INTELSAT 20	68.5	3974	V	19850	3/4	Discovery Channel India	TV		○
1099	INTELSAT 20	68.5	3974	V	19850	3/4	Discovery Channel Tamil Nadu	TV		○
1100	INTELSAT 20	68.5	3974	V	19850	3/4	Animal Planet India	TV		○
1101	INTELSAT 20	68.5	3974	V	19850	3/4	Investigation Discovery India	TV		○
1102	INTELSAT 20	68.5	3974	V	19850	3/4	Discovery Science Channel India	TV		○
1103	INTELSAT 20	68.5	3974	V	19850	3/4	Discovery Turbo India	TV		○
1104	INTELSAT 20	68.5	3974	V	19850	3/4	TLC India	TV		○
1105	INTELSAT 20	68.5	3974	V	19850	3/4	Discovery Kids India	TV		○
1106	INTELSAT 20	68.5	3974	V	19850	3/4	BBC World News South Asia	TV		○
1107	INTELSAT 20	68.5	3974	V	19850	3/4	BBC World Service Burmese	R		○
1108	INTELSAT 20	68.5	3996	V	6666	3/4	CNBC TV 18	TV		○
1109	INTELSAT 20	68.5	3996	V	6666	3/4	CNBC Awaaz	TV		○
1110	INTELSAT 20	68.5	3996	V	6666	3/4	IBN Lokmat	TV		○
1111	INTELSAT 20	68.5	4000	H	6500	3/4	Zee TV Middle East	R		○
1112	INTELSAT 20	68.5	4000	H	6500	3/4	Zee TV Africa	TV		○
1113	INTELSAT 20	68.5	4000	H	6500	3/4	Zee Cinema Africa	TV		○
1114	INTELSAT 20	68.5	4003	V	7200	3/4	Romedy Now +	TV		○
1115	INTELSAT 20	68.5	4003	V	7200	3/4	Romedy Now	TV		○
1116	INTELSAT 20	68.5	4003	V	7200	3/4	Satlon News	TV		○
1117	INTELSAT 20	68.5	4003	V	7200	3/4	Pengal	TV		○
1118	INTELSAT 20	68.5	4003	V	7200	3/4	Kalvi TV	TV		○
1119	INTELSAT 20	68.5	4003	V	7200	3/4	Insync	TV		○
1120	INTELSAT 20	68.5	4006	H	2990	3/4	Dunya News	TV	○	
1121	INTELSAT 20	68.5	4013	H	7200	3/4	News Time TV	TV		○
1122	INTELSAT 20	68.5	4013	H	7200	3/4	Rupasi Bangla	TV		○
1123	INTELSAT 20	68.5	4013	H	7200	3/4	Aakaash Aath	TV		○
1124	INTELSAT 20	68.5	4013	H	7200	3/4	Dhoom Music	TV		○
1125	INTELSAT 20	68.5	4013	H	7200	3/4	R Plus	TV		○
1126	INTELSAT 20	68.5	4013	H	7200	3/4	News Time Assam	TV		○
1127	INTELSAT 20	68.5	4013	H	7200	3/4	Manoranjan Music	TV		○
1128	INTELSAT 20	68.5	4013	H	7200	3/4	Tara Muzik	TV		○
1129	INTELSAT 20	68.5	4034	H	20500	2/3	MTV India	TV		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
1130	INTELSAT 20	68.5	4034	H	20500	2/3	VH1 India	TV		O
1131	INTELSAT 20	68.5	4034	H	20500	2/3	Colors	TV		O
1132	INTELSAT 20	68.5	4034	H	20500	2/3	Rishtey	TV		O
1133	INTELSAT 20	68.5	4034	H	20500	2/3	Colors	TV		O
1134	INTELSAT 20	68.5	4034	H	20500	2/3	Nick Jr India	TV		O
1135	INTELSAT 20	68.5	4034	H	20500	2/3	Nickelodeon India	TV		O
1136	INTELSAT 20	68.5	4036	V	21600	5/6	History TV 18	TV		O
1137	INTELSAT 20	68.5	4036	V	21600	5/6	Colors	TV		O
1138	INTELSAT 20	68.5	4036	V	21600	5/6	CNBC TV 18 Prime HD	TV		O
1139	INTELSAT 20	68.5	4036	V	21600	5/6	Comedy Central India	TV		O
1140	INTELSAT 20	68.5	4036	V	21600	5/6	Sonic Gang	TV		O
1141	INTELSAT 20	68.5	4036	V	21600	5/6	FYI Asia	TV		O
1142	INTELSAT 20	68.5	4036	V	21600	5/6	CNBC Bajar	TV		O
1143	INTELSAT 20	68.5	4054	V	4400	3/4	Arirang World	TV	O	
1144	INTELSAT 20	68.5	4059	V	3529	3/4	CTS (South Korea)	TV	O	
1145	INTELSAT 20	68.5	4064	H	19850	7/8	Sky News International	TV		O
1146	INTELSAT 20	68.5	4064	H	19850	7/8	Al Jazeera English	TV	O	
1147	INTELSAT 20	68.5	4064	H	19850	7/8	CNBC Africa	TV		O
1148	INTELSAT 20	68.5	4064	H	19850	7/8	CCTV News	TV	O	
1149	INTELSAT 20	68.5	4064	H	19850	7/8	EWTN Africa & Asia	TV	O	
1150	INTELSAT 20	68.5	4064	H	19850	7/8	Australia Plus TV Asia	TV		O
1151	INTELSAT 20	68.5	4064	H	19850	7/8	SIS Digital	TV		O
1152	INTELSAT 20	68.5	4064	H	19850	7/8	Radio Australia English for Asia	R	O	
1153	INTELSAT 20	68.5	4064	H	19850	7/8	Radio Australia English for the Pacific	R	O	
1154	INTELSAT 20	68.5	4064	H	19850	7/8	BBC World Service Africa	R	O	
1155	INTELSAT 20	68.5	4064	H	19850	7/8	BBC World Service Asia	R	O	
1156	INTELSAT 20	68.5	4064	H	19850	7/8	BBC World Service Asia	R	O	
1157	INTELSAT 20	68.5	4064	H	19850	7/8	BBC World Service Asia	R	O	
1158	INTELSAT 20	68.5	4064	H	19850	7/8	WRN English Africa & Middle East	R	O	
1159	INTELSAT 20	68.5	4064	H	19850	7/8	EWTN Global Catholic Radio	R	O	
1160	INTELSAT 20	68.5	4064	H	19850	7/8	Voice of Tibet	R	O	
1161	INTELSAT 20	68.5	4064	V	4400	3/4	Sanskar TV	TV	O	
1162	INTELSAT 20	68.5	4064	V	4400	3/4	Satsang TV	TV	O	
1163	INTELSAT 20	68.5	4070	V	4340	3/4	Hope Channel International	TV	O	
1164	INTELSAT 20	68.5	4070	V	4340	3/4	Hope TV India	TV	O	
1165	INTELSAT 20	68.5	4070	V	4340	3/4	Morning Star Radio	R	O	
1166	INTELSAT 20	68.5	4070	V	4340	3/4	LifeTalk Radio	R	O	
1167	INTELSAT 20	68.5	4076	V	3600	3/4	Mu Odia	TV		O
1168	INTELSAT 20	68.5	4076	V	3600	3/4	Pheno 10	TV		O
1169	INTELSAT 20	68.5	4076	V	3600	3/4	Network TV	TV		O
1170	INTELSAT 20	68.5	4076	V	3600	3/4	SMBC Insight	TV		O
1171	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1172	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1173	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1174	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1175	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1176	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1177	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1178	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1179	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1180	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1181	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1182	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1183	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1184	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1185	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1186	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1187	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1188	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1189	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1190	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1191	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1192	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1193	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1194	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1195	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1196	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1197	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1198	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1199	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1200	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1201	INTELSAT 20	68.5	4085	V	7020	3/4	China Radio International	R	O	
1202	INTELSAT 20	68.5	4090	H	14368	3/4	Travel XP HD	TV		O
1203	INTELSAT 20	68.5	4090	H	14368	3/4	Sada Channel	TV		O
1204	INTELSAT 20	68.5	4090	H	14368	3/4	Kashish News	TV		O
1205	INTELSAT 20	68.5	4090	H	14368	3/4	Taaza TV	TV		O
1206	INTELSAT 20	68.5	4090	H	14368	3/4	Janta TV	TV		O
1207	INTELSAT 20	68.5	4090	H	14368	3/4	STV Haryana News	TV		O
1208	INTELSAT 20	68.5	4090	H	14368	3/4	News Express	TV		O
1209	INTELSAT 20	68.5	4090	H	14368	3/4	VTV (India)	TV		O
1210	INTELSAT 20	68.5	4090	H	14368	3/4	Samachar Plus Uttar Pradesh/Uttarakhand	TV		O
1211	INTELSAT 20	68.5	4090	H	14368	3/4	Peppers	TV		O
1212	INTELSAT 20	68.5	4090	H	14368	3/4	Samachar Plus Rajasthan	TV		O
1213	INTELSAT 20	68.5	4090	H	14368	3/4	Kalash Channel	TV		O
1214	INTELSAT 20	68.5	4092	V	2963	3/4	YTN World	TV	O	
1215	INTELSAT 20	68.5	4103	H	5720	3/4	CNN-IBN	TV		O
1216	INTELSAT 20	68.5	4103	H	5720	3/4	IBN 7	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
1217	INTELSAT 20	68.5	4103	V	7800	3/4	India News Haryana	TV		O
1218	INTELSAT 20	68.5	4103	V	7800	3/4	India News Rajasthan	TV		O
1219	INTELSAT 20	68.5	4103	V	7800	3/4	India News	TV		O
1220	INTELSAT 20	68.5	4103	V	7800	3/4	State News	TV		O
1221	INTELSAT 20	68.5	4103	V	7800	3/4	India News UP	TV		O
1222	INTELSAT 20	68.5	4103	V	7800	3/4	India News MP	TV		O
1223	INTELSAT 20	68.5	4103	V	7800	3/4	News X	TV		O
1224	INTELSAT 20	68.5	4117	H	3333	2/3	Samaa TV	TV	O	
1225	INTELSAT 20	68.5	4118	V	8800	?	PTC News	TV		O
1226	INTELSAT 20	68.5	4118	V	8800	?	PTC Punjabi	TV		O
1227	INTELSAT 20	68.5	4118	V	8800	?	PTC Chak De	TV		O
1228	INTELSAT 20	68.5	4118	V	8800	?	Satya TV	TV		O
1229	INTELSAT 20	68.5	4118	V	8800	?	Manoranjan Music	TV		O
1230	INTELSAT 20	68.5	4118	V	8800	?	News Nation	TV		O
1231	INTELSAT 20	68.5	4118	V	8800	?	Prarthana Bhawan TV	TV		O
1232	INTELSAT 20	68.5	4118	V	8800	?	Upasana TV	TV		O
1233	INTELSAT 20	68.5	4118	V	8800	?	Oscar Movies Bhojpuri	TV		O
1234	INTELSAT 20	68.5	4130	H	6400	3/4	Focus Haryana	TV		O
1235	INTELSAT 20	68.5	4130	H	6400	3/4	Focus News	TV		O
1236	INTELSAT 20	68.5	4130	H	6400	3/4	Focus Odisha	TV		O
1237	INTELSAT 20	68.5	4130	V	10369	3/4	Jaya Plus	TV		O
1238	INTELSAT 20	68.5	4130	V	10369	3/4	Jaya TV (India)	TV		O
1239	INTELSAT 20	68.5	4130	V	10369	3/4	Jaya Max	TV		O
1240	INTELSAT 20	68.5	4130	V	10369	3/4	J Movie	TV		O
1241	INTELSAT 20	68.5	4150	H	15147	3/4	Urdu 1	TV		O
1242	INTELSAT 20	68.5	4150	H	15147	3/4	Lights Asia	TV		O
1243	INTELSAT 20	68.5	4150	H	15147	3/4	Peace TV Urdu	TV		O
1244	INTELSAT 20	68.5	4150	H	15147	3/4	Peace TV English	TV		O
1245	INTELSAT 20	68.5	4150	H	15147	3/4	Peace TV Bangla	TV		O
1246	INTELSAT 20	68.5	4155	V	22500	5/6	&pictures	TV		O
1247	INTELSAT 20	68.5	4155	V	22500	5/6	Zee Cinema HD	TV		O
1248	INTELSAT 20	68.5	4155	V	22500	5/6	Zee TV HD	TV		O
1249	INTELSAT 20	68.5	4155	V	22500	5/6	Zee Q	TV		O
1250	INTELSAT 20	68.5	4155	V	22500	5/6	Zee Anmol	TV		O
1251	INTELSAT 20	68.5	4163	H	7200	3/4	Express Music	TV		O
1252	INTELSAT 20	68.5	4163	H	7200	3/4	Express Entertainment	TV		O
1253	INTELSAT 20	68.5	4163	H	7200	3/4	Express News	TV		O
1254	INTELSAT 20	68.5	4163	H	7200	3/4	Times	TV		O
1255	INTELSAT 20	68.5	4184	V	21600	5/6	RVS News	TV		O
1256	INTELSAT 20	68.5	4184	V	21600	5/6	Green TV (India)	TV		O
1257	INTELSAT 20	68.5	4184	V	21600	5/6	Epic	TV		O
1258	INTELSAT 20	68.5	4184	V	21600	5/6	Daati Ahsas TV	TV		O
1259	INTELSAT 20	68.5	4184	V	21600	5/6	NSN News tests	TV		O
1260	INTELSAT 20	68.5	10970	V	30000	5/6	M-Net South Africa	TV		O
1261	INTELSAT 20	68.5	10970	V	30000	5/6	Tshwane TV	TV		O
1262	INTELSAT 20	68.5	10970	V	30000	5/6	Zee TV Africa	TV		O
1263	INTELSAT 20	68.5	10970	V	30000	5/6	KykNet	TV		O
1264	INTELSAT 20	68.5	10970	V	30000	5/6	CNN International	TV		O
1265	INTELSAT 20	68.5	10970	V	30000	5/6	SuperSport CSN	TV		O
1266	INTELSAT 20	68.5	10970	V	30000	5/6	SuperSport Blitz	TV		O
1267	INTELSAT 20	68.5	10970	V	30000	5/6	SuperSport 6 South Africa	TV		O
1268	INTELSAT 20	68.5	10970	V	30000	5/6	SuperSport 7 South Africa	TV		O
1269	INTELSAT 20	68.5	10970	V	30000	5/6	Rhema TV (Sun 05-14)	TV		O
1270	INTELSAT 20	68.5	10970	V	30000	5/6	Sky News International	TV		O
1271	INTELSAT 20	68.5	10970	V	30000	5/6	The Home Channel (South Africa)	TV		O
1272	INTELSAT 20	68.5	10970	V	30000	5/6	Africa Magic Family	TV		O
1273	INTELSAT 20	68.5	10970	V	30000	5/6	Jacaranda 94.2	R		O
1274	INTELSAT 20	68.5	10970	V	30000	5/6	Radio Veritas	R		O
1275	INTELSAT 20	68.5	10970	V	30000	5/6	Kosmos 94.1	R		O
1276	INTELSAT 20	68.5	10970	H	30000	5/6	Fox Africa	TV		O
1277	INTELSAT 20	68.5	10970	H	30000	5/6	Telemundo Africa	TV		O
1278	INTELSAT 20	68.5	10970	H	30000	5/6	Animal Planet Africa	TV		O
1279	INTELSAT 20	68.5	10970	H	30000	5/6	True Movies 1 Africa	TV		O
1280	INTELSAT 20	68.5	10970	H	30000	5/6	RT English	TV		O
1281	INTELSAT 20	68.5	10970	H	30000	5/6	Fox Crime Africa	TV		O
1282	INTELSAT 20	68.5	10970	H	30000	5/6	Crime + Investigation UK	TV		O
1283	INTELSAT 20	68.5	10970	H	30000	5/6	AMC Africa	TV		O
1284	INTELSAT 20	68.5	10970	H	30000	5/6	JimJam Europe	TV		O
1285	INTELSAT 20	68.5	10970	H	30000	5/6	History South Africa	TV		O
1286	INTELSAT 20	68.5	10970	H	30000	5/6	CBS Action Africa	TV		O
1287	INTELSAT 20	68.5	10970	H	30000	5/6	CBS Drama Africa	TV		O
1288	INTELSAT 20	68.5	10970	H	30000	5/6	Lifetime South Africa	TV		O
1289	INTELSAT 20	68.5	11010	V	30000	5/6	DSTV South Africa promo	TV		O
1290	INTELSAT 20	68.5	11010	V	30000	5/6	Mindset Learn	TV		O
1291	INTELSAT 20	68.5	11010	V	30000	5/6	SABC 1	TV		O
1292	INTELSAT 20	68.5	11010	V	30000	5/6	SABC 2	TV		O
1293	INTELSAT 20	68.5	11010	V	30000	5/6	SABC 3	TV		O
1294	INTELSAT 20	68.5	11010	V	30000	5/6	SABC News	TV		O
1295	INTELSAT 20	68.5	11010	V	30000	5/6	DSTV Catch Up	TV		O
1296	INTELSAT 20	68.5	11010	V	30000	5/6	Classic FM South Africa	R		O
1297	INTELSAT 20	68.5	11010	H	30000	5/6	Pro Sieben Deutschland (14-05)	TV		O
1298	INTELSAT 20	68.5	11010	H	30000	5/6	3sat	TV		O
1299	INTELSAT 20	68.5	11010	H	30000	5/6	RTP Internacional Europa	TV		O
1300	INTELSAT 20	68.5	11010	H	30000	5/6	Rai Italia Africa	TV		O
1301	INTELSAT 20	68.5	11010	H	30000	5/6	RTL Deutschland	TV		O
1302	INTELSAT 20	68.5	11010	H	30000	5/6	Blackbelt TV	TV		O
1303	INTELSAT 20	68.5	11010	H	30000	5/6	Sat. 1 Deutschland	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
1304	INTELSAT 20	68.5	11010	H	30000	5/6	Das Erste	TV		O
1305	INTELSAT 20	68.5	11010	H	30000	5/6	DW (05-14)	TV		O
1306	INTELSAT 20	68.5	11010	H	30000	5/6	Food Network EMEA	TV		O
1307	INTELSAT 20	68.5	11010	H	30000	5/6	BVN TV Europa	TV		O
1308	INTELSAT 20	68.5	11010	H	30000	5/6	ZDF	TV		O
1309	INTELSAT 20	68.5	11010	H	30000	5/6	Sony Max South Africa	TV		O
1310	INTELSAT 20	68.5	11010	H	30000	5/6	Fashion TV Africa	TV		O
1311	INTELSAT 20	68.5	11010	H	30000	5/6	B4U Movies UK	TV		O
1312	INTELSAT 20	68.5	11010	H	30000	5/6	Bayern 1	R		O
1313	INTELSAT 20	68.5	11010	H	30000	5/6	DW-Radio	R		O
1314	INTELSAT 20	68.5	11010	H	30000	5/6	Bayern 3	R		O
1315	INTELSAT 20	68.5	11050	V	30000	2/3	Studio Universal Africa	TV		O
1316	INTELSAT 20	68.5	11050	V	30000	2/3	Universal Channel South Africa	TV		O
1317	INTELSAT 20	68.5	11050	V	30000	2/3	Fox Africa	TV		O
1318	INTELSAT 20	68.5	11050	V	30000	2/3	Discovery Channel Middle East & Africa	TV		O
1319	INTELSAT 20	68.5	11050	H	30000	5/6	NickToons Africa	TV		O
1320	INTELSAT 20	68.5	11050	H	30000	5/6	BBC Lifestyle South Africa	TV		O
1321	INTELSAT 20	68.5	11050	H	30000	5/6	BBC Entertainment South Africa	TV		O
1322	INTELSAT 20	68.5	11050	H	30000	5/6	BBC Knowledge South Africa	TV		O
1323	INTELSAT 20	68.5	11050	H	30000	5/6	Nickelodeon Africa	TV		O
1324	INTELSAT 20	68.5	11050	H	30000	5/6	CBeebies South Africa	TV		O
1325	INTELSAT 20	68.5	11050	H	30000	5/6	Sony Max UK	TV		O
1326	INTELSAT 20	68.5	11050	H	30000	5/6	SET Asia	TV		O
1327	INTELSAT 20	68.5	11050	H	30000	5/6	Discovery World	TV		O
1328	INTELSAT 20	68.5	11050	H	30000	5/6	TLC South Africa	TV		O
1329	INTELSAT 20	68.5	11050	H	30000	5/6	Investigation Discovery Europe	TV		O
1330	INTELSAT 20	68.5	11090	V	30000		Nick Jr Africa	TV		O
1331	INTELSAT 20	68.5	11090	V	30000		Disney Channel South Africa	TV		O
1332	INTELSAT 20	68.5	11090	V	30000		MTV ZA	TV		O
1333	INTELSAT 20	68.5	11090	V	30000		TCM Middle East & Africa	TV		O
1334	INTELSAT 20	68.5	11090	V	30000		BBC World News Africa	TV		O
1335	INTELSAT 20	68.5	11090	V	30000		Sony Channel Africa	TV		O
1336	INTELSAT 20	68.5	11090	V	30000		Disney XD South Africa	TV		O
1337	INTELSAT 20	68.5	11090	V	30000		VH1 Classic Europe	TV		O
1338	INTELSAT 20	68.5	11090	V	30000		Bloomberg TV Africa	TV		O
1339	INTELSAT 20	68.5	11090	V	30000		Cartoon Network Middle East & Africa	TV		O
1340	INTELSAT 20	68.5	11090	V	30000		Disney Junior South Africa	TV		O
1341	INTELSAT 20	68.5	11090	V	30000		Travel Channel Europe	TV		O
1342	INTELSAT 20	68.5	11090	V	30000		MTV Base Africa	TV		O
1343	INTELSAT 20	68.5	11090	V	30000		Sun TV (India)	TV		O
1344	INTELSAT 20	68.5	11090	V	30000		BBC World Service English	R		O
1345	INTELSAT 20	68.5	11090	V	30000		BBC World Service en Français	R		O
1346	INTELSAT 20	68.5	11090	V	30000		BBC World Service Africa	R		O
1347	INTELSAT 20	68.5	11090	H	30000	5/6	Studio Universal Africa	TV		O
1348	INTELSAT 20	68.5	11090	H	30000	5/6	E! Middle East	TV		O
1349	INTELSAT 20	68.5	11090	H	30000	5/6	Discovery Channel Middle East & Africa	TV		O
1350	INTELSAT 20	68.5	11090	H	30000	5/6	Universal Channel South Africa	TV		O
1351	INTELSAT 20	68.5	11090	H	30000	5/6	Trace Sport Stars	TV		O
1352	INTELSAT 20	68.5	11090	H	30000	5/6	BET International	TV		O
1353	INTELSAT 20	68.5	11090	H	30000	5/6	Comedy Central Africa	TV		O
1354	INTELSAT 20	68.5	11130	V	30000	5/6	M-Net Movies Romance	TV		O
1355	INTELSAT 20	68.5	11130	V	30000	5/6	SuperSport 3 South Africa	TV		O
1356	INTELSAT 20	68.5	11130	V	30000	5/6	Parliamentary Channel	TV		O
1357	INTELSAT 20	68.5	11130	V	30000	5/6	Tellytrack	TV		O
1358	INTELSAT 20	68.5	11130	V	30000	5/6	SuperSport Select Africa	TV		O
1359	INTELSAT 20	68.5	11130	V	30000	5/6	M-Net Movies Stars	TV		O
1360	INTELSAT 20	68.5	11130	V	30000	5/6	One Africa TV	TV		O
1361	INTELSAT 20	68.5	11130	V	30000	5/6	M-Net Movies Action	TV		O
1362	INTELSAT 20	68.5	11130	V	30000	5/6	E TV	TV		O
1363	INTELSAT 20	68.5	11130	V	30000	5/6	Trace Urban	TV		O
1364	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Symphonic	R		O
1365	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Chamber Music	R		O
1366	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Arias & Overtures	R		O
1367	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Light Classical	R		O
1368	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Beautiful Instrumentals	R		O
1369	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Contemporary Instrumentals	R		O
1370	INTELSAT 20	68.5	11130	V	30000	5/6	DMX New Age	R		O
1371	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Classic Rock	R		O
1372	INTELSAT 20	68.5	11130	V	30000	5/6	DMX House Party	R		O
1373	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Dance	R		O
1374	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Familiar Favourites	R		O
1375	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Campus Rock	R		O
1376	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Hard Rock	R		O
1377	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Alternative Rock	R		O
1378	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Y2K Hits	R		O
1379	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Power Hits	R		O
1380	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Urban Beat	R		O
1381	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Golden Oldies	R		O
1382	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Today's Hits	R		O
1383	INTELSAT 20	68.5	11130	V	30000	5/6	DMX 70's Hits	R		O
1384	INTELSAT 20	68.5	11130	V	30000	5/6	DMX 80's Hits	R		O
1385	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Classic R&B	R		O
1386	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Love Songs	R		O
1387	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Soft Hits	R		O
1388	INTELSAT 20	68.5	11130	V	30000	5/6	DMX 90's Hits	R		O
1389	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Adult Contemporary	R		O
1390	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Urban Adult Contemporary	R		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
1391	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Smooth Jazz	R		O
1392	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Jazz	R		O
1393	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Groove Lounge	R		O
1394	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Cityscapes	R		O
1395	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Blues	R		O
1396	INTELSAT 20	68.5	11130	V	30000	5/6	DMX African Rhythms	R		O
1397	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Electrosphere	R		O
1398	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Reggae	R		O
1399	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Traditional Country	R		O
1400	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Modern Country	R		O
1401	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Italian Contemporary	R		O
1402	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Metro Blend	R		O
1403	INTELSAT 20	68.5	11130	V	30000	5/6	DMX Gospel	R		O
1404	INTELSAT 20	68.5	11130	H	30000	5/6	M-Net Channel 101	TV		O
1405	INTELSAT 20	68.5	11130	H	30000	5/6	Magic World	TV		O
1406	INTELSAT 20	68.5	11130	H	30000	5/6	One Gospel	TV		O
1407	INTELSAT 20	68.5	11130	H	30000	5/6	Al Jazeera English	TV		O
1408	INTELSAT 20	68.5	11130	H	30000	5/6	People's Weather	TV		O
1409	INTELSAT 20	68.5	11130	H	30000	5/6	Soweto TV	TV		O
1410	INTELSAT 20	68.5	11130	H	30000	5/6	SuperSport 4 (South Africa)	TV		O
1411	INTELSAT 20	68.5	11130	H	30000	5/6	ENews Channel Africa	TV		O
1412	INTELSAT 20	68.5	11130	H	30000	5/6	Nat Geo Wild Europe	TV		O
1413	INTELSAT 20	68.5	11130	H	30000	5/6	ZNBC TV 1	TV		O
1414	INTELSAT 20	68.5	11170	V	28800	5/8	Openview HD promo	TV		O
1415	INTELSAT 20	68.5	11170	V	28800	5/8	SABC 1	TV		O
1416	INTELSAT 20	68.5	11170	V	28800	5/8	SABC 2	TV		O
1417	INTELSAT 20	68.5	11170	V	28800	5/8	SABC 3	TV		O
1418	INTELSAT 20	68.5	11170	V	28800	5/8	E TV	TV		O
1419	INTELSAT 20	68.5	11170	V	28800	5/8	E Kasi +	TV		O
1420	INTELSAT 20	68.5	11170	V	28800	5/8	E Africa +	TV		O
1421	INTELSAT 20	68.5	11170	V	28800	5/8	E Movies +	TV		O
1422	INTELSAT 20	68.5	11170	V	28800	5/8	Glow TV	TV		O
1423	INTELSAT 20	68.5	11170	V	28800	5/8	Afrikaanse Satelliet TV	TV		O
1424	INTELSAT 20	68.5	11170	V	28800	5/8	Deen TV (South Africa)	TV		O
1425	INTELSAT 20	68.5	11170	V	28800	5/8	E Toonz +	TV		O
1426	INTELSAT 20	68.5	11170	V	28800	5/8	Mindset Learn	TV		O
1427	INTELSAT 20	68.5	11170	V	28800	5/8	Da Vinci Learning	TV		O
1428	INTELSAT 20	68.5	11170	V	28800	5/8	Spirit Word	TV		O
1429	INTELSAT 20	68.5	11170	V	28800	5/8	Ekurhuleni TV	TV		O
1430	INTELSAT 20	68.5	11170	V	28800	5/8	Relevant TV	TV		O
1431	INTELSAT 20	68.5	11170	V	28800	5/8	UCBN TV	TV		O
1432	INTELSAT 20	68.5	11170	V	28800	5/8	Beatlab TV	TV		O
1433	INTELSAT 20	68.5	11170	H	30000	5/6	SuperSport 2 (South Africa)	TV		O
1434	INTELSAT 20	68.5	11170	H	30000	5/6	CNBC Africa	TV		O
1435	INTELSAT 20	68.5	11170	H	30000	5/6	SuperSport Select	TV		O
1436	INTELSAT 20	68.5	11170	H	30000	5/6	SuperSport 9 South Africa	TV		O
1437	INTELSAT 20	68.5	11170	H	30000	5/6	SuperSport 3 Africa	TV		O
1438	INTELSAT 20	68.5	11170	H	30000	5/6	Glow TV	TV		O
1439	INTELSAT 20	68.5	11170	H	30000	5/6	EbonyLife TV	TV		O
1440	INTELSAT 20	68.5	11170	H	30000	5/6	Swazi TV	TV		O
1441	INTELSAT 20	68.5	11170	H	30000	5/6	Link FM	R		O
1442	INTELSAT 20	68.5	11170	H	30000	5/6	Jozi FM	R		O
1443	INTELSAT 20	68.5	11170	H	30000	5/6	947	R		O
1444	INTELSAT 20	68.5	11170	H	30000	5/6	94.5 KFM	R		O
1445	INTELSAT 20	68.5	11170	H	30000	5/6	Metro FM (South Africa)	R		O
1446	INTELSAT 20	68.5	11170	H	30000	5/6	Capricorn FM	R		O
1447	INTELSAT 20	68.5	11170	H	30000	5/6	Radio Pretoria	R		O
1448	INTELSAT 20	68.5	11474	H	30000	5/6	Faith Africa	TV		O
1449	INTELSAT 20	68.5	11474	H	30000	5/6	NDTV 24x7	TV		O
1450	INTELSAT 20	68.5	11474	H	30000	5/6	Africa Magic Showcase Africa	TV		O
1451	INTELSAT 20	68.5	11474	H	30000	5/6	CCTV 4 Europe	TV		O
1452	INTELSAT 20	68.5	11474	H	30000	5/6	CCTV News	TV		O
1453	INTELSAT 20	68.5	11474	H	30000	5/6	SIC Internacional	TV		O
1454	INTELSAT 20	68.5	11474	H	30000	5/6	ITV Networks	TV		O
1455	INTELSAT 20	68.5	11474	H	30000	5/6	TV Globo Internacional Europa/África	TV		O
1456	INTELSAT 20	68.5	11474	H	30000	5/6	ZBC TV	TV		O
1457	INTELSAT 20	68.5	11474	H	30000	5/6	Botswana TV	TV		O
1458	INTELSAT 20	68.5	11474	H	30000	5/6	SuperSport Select 2	TV		O
1459	INTELSAT 20	68.5	11474	H	30000	5/6	Channel Ed	TV		O
1460	INTELSAT 20	68.5	11474	H	30000	5/6	E TV Africa	TV		O
1461	INTELSAT 20	68.5	11474	H	30000	5/6	Africa Magic Epic Movies	TV		O
1462	INTELSAT 20	68.5	11474	H	30000	5/6	Radio France Internationale	R		O
1463	INTELSAT 20	68.5	11474	H	30000	5/6	1485 Radio Today	R		O
1464	INTELSAT 20	68.5	11474	H	30000	5/6	VRT Radio 1	R		O
1465	INTELSAT 20	68.5	11474	H	30000	5/6	CapeTalk	R		O
1466	INTELSAT 20	68.5	11474	H	30000	5/6	MK Radio	R		O
1467	INTELSAT 20	68.5	11514	V	28750	1/2	SABC 1	TV		O
1468	INTELSAT 20	68.5	11514	V	28750	1/2	SABC 2	TV		O
1469	INTELSAT 20	68.5	11514	V	28750	1/2	SABC 3	TV		O
1470	INTELSAT 20	68.5	11514	V	28750	1/2	E TV	TV		O
1471	INTELSAT 20	68.5	11514	V	28750	1/2	Tshwane TV	TV		O
1472	INTELSAT 20	68.5	11514	V	28750	1/2	Mindset Health	TV		O
1473	INTELSAT 20	68.5	11514	V	28750	1/2	Mindset Learn	TV		O
1474	INTELSAT 20	68.5	11514	V	28750	1/2	SABC 1	TV		O
1475	INTELSAT 20	68.5	11514	V	28750	1/2	SABC News	TV		O
1476	INTELSAT 20	68.5	11514	V	28750	1/2	TBN Terrestrial	TV		O
1477	INTELSAT 20	68.5	11514	V	28750	1/2	Vodacom TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
1478	INTELSAT 20	68.5	11514	V	28750	1/2	Jet Mart TV	TV		O
1479	INTELSAT 20	68.5	11514	V	28750	1/2	Walking On Water TV	TV		O
1480	INTELSAT 20	68.5	11514	V	28750	1/2	CapeTalk	R		O
1481	INTELSAT 20	68.5	11514	V	28750	1/2	Talk Radio 702	R		O
1482	INTELSAT 20	68.5	11514	V	28750	1/2	947	R		O
1483	INTELSAT 20	68.5	11514	V	28750	1/2	Jacaranda 94.2	R		O
1484	INTELSAT 20	68.5	11514	V	28750	1/2	East Coast Radio	R		O
1485	INTELSAT 20	68.5	11514	V	28750	1/2	Kaya FM	R		O
1486	INTELSAT 20	68.5	11514	V	28750	1/2	Capricorn FM	R		O
1487	INTELSAT 20	68.5	11514	V	28750	1/2	Fresh FM (South Africa)	R		O
1488	INTELSAT 20	68.5	11514	V	28750	1/2	Vodacom Radio	R		O
1489	INTELSAT 20	68.5	11514	V	28750	1/2	Cii Broadcasting	R		O
1490	INTELSAT 20	68.5	11514	V	28750	1/2	Heart 104.9 FM	R		O
1491	INTELSAT 20	68.5	11514	V	28750	1/2	OFM	R		O
1492	INTELSAT 20	68.5	11514	V	28750	1/2	Algoa FM	R		O
1493	INTELSAT 20	68.5	11514	V	28750	1/2	Power 98.7	R		O
1494	INTELSAT 20	68.5	11514	V	28750	1/2	TWR Africa	R		O
1495	INTELSAT 20	68.5	11514	V	28750	1/2	Channel Africa	R		O
1496	INTELSAT 20	68.5	11514	V	28750	1/2	Tru FM	R		O
1497	INTELSAT 20	68.5	11514	V	28750	1/2	YFM	R		O
1498	INTELSAT 20	68.5	11514	V	28750	1/2	Radio Pulpit	R		O
1499	INTELSAT 20	68.5	11514	H	30000	2/3	M-Net Movies Showcase	TV		O
1500	INTELSAT 20	68.5	11514	H	30000	2/3	M-Net Edge	TV		O
1501	INTELSAT 20	68.5	11514	H	30000	2/3	M-Net Movies Family	TV		O
1502	INTELSAT 20	68.5	11514	H	30000	2/3	SuperSport 5 South Africa	TV		O
1503	INTELSAT 20	68.5	11514	H	30000	2/3	SuperSport 6 South Africa	TV		O
1504	INTELSAT 20	68.5	11514	H	30000	2/3	Vuzu Amp	TV		O
1505	INTELSAT 20	68.5	11554	V	30000	2/3	M-Net Movies Romance	TV		O
1506	INTELSAT 20	68.5	11554	V	30000	2/3	SuperSport 3 South Africa	TV		O
1507	INTELSAT 20	68.5	11554	V	30000	2/3	SuperSport 1 (South Africa)	TV		O
1508	INTELSAT 20	68.5	11554	V	30000	2/3	M-Net Movies Premiere	TV		O
1509	INTELSAT 20	68.5	11554	V	30000	2/3	SuperSport 4 (South Africa)	TV		O
1510	INTELSAT 20	68.5	11554	V	30000	2/3	KykNet	TV		O
1511	INTELSAT 20	68.5	11554	H	30000	2/3	M-Net Movies Action +	TV		O
1512	INTELSAT 20	68.5	11554	H	30000	2/3	M-Net Movies Comedy	TV		O
1513	INTELSAT 20	68.5	11554	H	30000	2/3	SuperSport 7 South Africa	TV		O
1514	INTELSAT 20	68.5	11554	H	30000	2/3	DSTV Catch Up	TV		O
1515	INTELSAT 20	68.5	11594	V	27500	5/6	M-Net Channel 101	TV		O
1516	INTELSAT 20	68.5	11594	V	27500	5/6	M-Net Movies Premiere	TV		O
1517	INTELSAT 20	68.5	11594	V	27500	5/6	SuperSport 1 (South Africa)	TV		O
1518	INTELSAT 20	68.5	11594	V	27500	5/6	SuperSport 2 (South Africa)	TV		O
1519	INTELSAT 20	68.5	11594	V	27500	5/6	SuperSport MaXimo	TV		O
1520	INTELSAT 20	68.5	11594	V	27500	5/6	M-Net Series Zone	TV		O
1521	INTELSAT 20	68.5	11594	V	27500	5/6	Mzansi Magic	TV		O
1522	INTELSAT 20	68.5	11594	V	27500	5/6	SuperSport 5 South Africa	TV		O
1523	INTELSAT 20	68.5	11594	V	27500	5/6	Channel O	TV		O
1524	INTELSAT 20	68.5	11594	V	27500	5/6	YFM	R		O
1525	INTELSAT 20	68.5	11594	V	27500	5/6	Kaya FM	R		O
1526	INTELSAT 20	68.5	11594	V	27500	5/6	TransAfrica Radio	R		O
1527	INTELSAT 20	68.5	11594	H	30000	5/6	M-Net Movies Action +	TV		O
1528	INTELSAT 20	68.5	11594	H	30000	5/6	M-Net Movies Family	TV		O
1529	INTELSAT 20	68.5	11594	H	30000	5/6	M-Net Movies Comedy	TV		O
1530	INTELSAT 20	68.5	11594	H	30000	5/6	M-Net Movies Showcase	TV		O
1531	INTELSAT 20	68.5	11594	H	30000	5/6	Africa Magic Showcase South Africa	TV		O
1532	INTELSAT 20	68.5	11594	H	30000	5/6	Bay TV	TV		O
1533	INTELSAT 20	68.5	11594	H	30000	5/6	Africa Magic Urban Movies	TV		O
1534	INTELSAT 20	68.5	11594	H	30000	5/6	Mzansi Magic Music	TV		O
1535	INTELSAT 20	68.5	11594	H	30000	5/6	MBC (Malawi)	TV		O
1536	INTELSAT 20	68.5	11594	H	30000	5/6	Dumisa	TV		O
1537	INTELSAT 20	68.5	11594	H	30000	5/6	1KZN TV	TV		O
1538	INTELSAT 20	68.5	11594	H	30000	5/6	KykNet Musiek	TV		O
1539	INTELSAT 20	68.5	11634	V	30000	5/6	NBC 1	TV		O
1540	INTELSAT 20	68.5	11634	V	30000	5/6	Mzansi Bioskop	TV		O
1541	INTELSAT 20	68.5	11634	V	30000	5/6	National Geographic Channel South Africa	TV		O
1542	INTELSAT 20	68.5	11634	V	30000	5/6	Lesotho TV	TV		O
1543	INTELSAT 20	68.5	11634	V	30000	5/6	Cape Town TV	TV		O
1544	INTELSAT 20	68.5	11634	V	30000	5/6	CBS Reality South Africa	TV		O
1545	INTELSAT 20	68.5	11634	V	30000	5/6	BusinessDay TV (Mon-Fri)	TV		O
1546	INTELSAT 20	68.5	11634	V	30000	5/6	Ignition	TV		O
1547	INTELSAT 20	68.5	11634	V	30000	5/6	Boomerang EMEA	TV		O
1548	INTELSAT 20	68.5	11634	V	30000	5/6	TV 5 Monde Afrique	TV		O
1549	INTELSAT 20	68.5	11634	V	30000	5/6	Vuzu	TV		O
1550	INTELSAT 20	68.5	11634	V	30000	5/6	DSTV Catch Up	TV		O
1551	INTELSAT 20	68.5	11634	V	30000	5/6	China Radio International	R		O
1552	INTELSAT 20	68.5	11634	V	30000	5/6	Voice of America	R		O
1553	INTELSAT 20	68.5	11634	V	30000	5/6	WRN English Africa & Middle East	R		O
1554	INTELSAT 20	68.5	11634	V	30000	5/6	TWR Africa	R		O
1555	INTELSAT 20	68.5	11634	V	30000	5/6	Talk Radio 702	R		O
1556	INTELSAT 20	68.5	11634	V	30000	5/6	Cii Broadcasting	R		O
1557	INTELSAT 20	68.5	11634	V	30000	5/6	Radio Wave (Namibia)	R		O
1558	INTELSAT 20	68.5	11634	V	30000	5/6	Energy 100 FM	R		O
1559	INTELSAT 20	68.5	11634	V	30000	5/6	Radio Pulpit	R		O
1560	INTELSAT 20	68.5	11634	V	30000	5/6	NBC National Service	R		O
1561	INTELSAT 20	68.5	11634	H	30000	2/3	BoxOffice	TV		O
1562	INTELSAT 20	68.5	11634	H	30000	2/3	DSTV Catch Up	TV		O
1563	INTELSAT 20	68.5	11674	V	28800	7/8	Outpourings TV	TV		O
1564	INTELSAT 20	68.5	11674	V	28800	7/8	Daystar TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
1565	INTELSAT 20	68.5	11674	V	28800	7/8	The Revelation Church Of God TV	TV		O
1566	INTELSAT 20	68.5	11674	V	28800	7/8	Kruiskyk TV	TV		O
1567	INTELSAT 20	68.5	11674	V	28800	7/8	Ezekiel TV	TV		O
1568	INTELSAT 20	68.5	11674	V	28800	7/8	Homebase TV (South Africa)	TV		O
1569	INTELSAT 20	68.5	11674	V	28800	7/8	Isambulo TV	TV		O
1570	INTELSAT 20	68.5	11674	V	28800	7/8	Channel Zim TV	TV		O
1571	INTELSAT 20	68.5	11674	V	28800	7/8	LX TV	TV		O
1572	INTELSAT 20	68.5	11674	V	28800	7/8	Rivers of Living Waters TV	TV		O
1573	INTELSAT 20	68.5	11674	V	28800	7/8	New Generation TV	TV		O
1574	INTELSAT 20	68.5	11674	V	28800	7/8	Mboro TV	TV		O
1575	INTELSAT 20	68.5	11674	V	28800	7/8	Rabboni TV	TV		O
1576	INTELSAT 20	68.5	11674	V	28800	7/8	Breakthru TV	TV		O
1577	INTELSAT 20	68.5	11674	V	28800	7/8	GNF TV	TV		O
1578	INTELSAT 20	68.5	11674	V	28800	7/8	SA FM	R		O
1579	INTELSAT 20	68.5	11674	V	28800	7/8	Radio 2000 (South Africa)	R		O
1580	INTELSAT 20	68.5	11674	V	28800	7/8	Phalaphala FM	R		O
1581	INTELSAT 20	68.5	11674	V	28800	7/8	Builders Radio	R		O
1582	INTELSAT 20	68.5	11674	V	28800	7/8	Ikwekwezi FM	R		O
1583	INTELSAT 20	68.5	11674	V	28800	7/8	5 FM	R		O
1584	INTELSAT 20	68.5	11674	V	28800	7/8	RSG	R		O
1585	INTELSAT 20	68.5	11674	V	28800	7/8	Munghana Lonene FM	R		O
1586	INTELSAT 20	68.5	11674	V	28800	7/8	Lesedi FM	R		O
1587	INTELSAT 20	68.5	11674	V	28800	7/8	Thobela FM	R		O
1588	INTELSAT 20	68.5	11674	V	28800	7/8	Umhlobo Wenene FM	R		O
1589	INTELSAT 20	68.5	11674	V	28800	7/8	Motswedding FM	R		O
1590	INTELSAT 20	68.5	11674	V	28800	7/8	Ukhozi FM	R		O
1591	INTELSAT 20	68.5	11674	V	28800	7/8	Lotus FM	R		O
1592	INTELSAT 20	68.5	11674	V	28800	7/8	Ligwalagwala FM	R		O
1593	INTELSAT 20	68.5	11674	V	28800	7/8	Metro FM (South Africa)	R		O
1594	INTELSAT 20	68.5	11674	V	28800	7/8	Good Hope FM	R		O
1595	INTELSAT 20	68.5	11674	V	28800	7/8	TVS 1 Radio	R		O
1596	INTELSAT 20	68.5	11674	V	28800	7/8	Télé 7 Radio	R		O
1597	INTELSAT 20	68.5	11674	V	28800	7/8	Cii Broadcasting	R		O
1598	INTELSAT 20	68.5	11674	V	28800	7/8	Classic FM South Africa	R		O
1599	INTELSAT 20	68.5	11674	V	28800	7/8	DW-Radio	R		O
1600	INTELSAT 20	68.5	11674	V	28800	7/8	Radio Islam International	R		O
1601	INTELSAT 20	68.5	11674	V	28800	7/8	Smile 90.4 FM	R		O
1602	INTELSAT 20	68.5	11674	H	30000	5/6	M-Net Movies Zone	TV		O
1603	INTELSAT 20	68.5	11674	H	30000	5/6	KykNet & Kie	TV		O
1604	INTELSAT 20	68.5	11674	H	30000	5/6	Mzansi Wethu	TV		O
1605	INTELSAT 20	68.5	11674	H	30000	5/6	M-Net Edge	TV		O
1606	INTELSAT 20	68.5	11674	H	30000	5/6	Vuzu Amp	TV		O
1607	INTELSAT 20	68.5	11674	H	30000	5/6	ANN 7	TV		O
1608	INTELSAT 20	68.5	11674	H	30000	5/6	Africa Magic World	TV		O
1609	INTELSAT 20	68.5	11674	H	30000	5/6	SuperSport 8	TV		O
1610	INTELSAT 20	68.5	12522	V	27500	3/4	AMI TV	TV		O
1611	INTELSAT 20	68.5	12522	V	27500	3/4	Rock of Victory TV	TV		O
1612	INTELSAT 20	68.5	12522	V	27500	3/4	Charis TV (South Africa)	TV		O
1613	INTELSAT 20	68.5	12522	V	27500	3/4	Rabboni TV	TV		O
1614	INTELSAT 20	68.5	12522	V	27500	3/4	Isambulo TV	TV		O
1615	INTELSAT 20	68.5	12522	V	27500	3/4	School On Air	TV		O
1616	INTELSAT 20	68.5	12522	V	27500	3/4	Revival TV (South Africa)	TV		O
1617	INTELSAT 20	68.5	12522	V	27500	3/4	Jesus is Coming TV (South Africa)	TV		O
1618	INTELSAT 20	68.5	12522	V	27500	3/4	Daystar TV	TV		O
1619	INTELSAT 20	68.5	12522	V	27500	3/4	MSG TV	TV		O
1620	INTELSAT 20	68.5	12522	V	27500	3/4	Channel 44	TV		O
1621	INTELSAT 20	68.5	12522	V	27500	3/4	Ezekiel TV	TV		O
1622	INTELSAT 20	68.5	12522	V	27500	3/4	Amazing Discoveries	TV		O
1623	INTELSAT 20	68.5	12522	V	27500	3/4	ADBN	TV		O
1624	INTELSAT 20	68.5	12522	V	27500	3/4	Signs and Wonders TV	TV		O
1625	INTELSAT 20	68.5	12522	V	27500	3/4	Divine Nature of Christ TV	TV		O
1626	INTELSAT 20	68.5	12522	V	27500	3/4	Angel TV Africa	TV		O
1627	INTELSAT 20	68.5	12522	V	27500	3/4	Gabriele TV Africa	TV		O
1628	INTELSAT 20	68.5	12522	H	29950	3/4	BBC World News Africa	TV		O
1629	INTELSAT 20	68.5	12522	H	29950	3/4	BET International	TV		O
1630	INTELSAT 20	68.5	12522	H	29950	3/4	My TV More	TV		O
1631	INTELSAT 20	68.5	12522	H	29950	3/4	Rave TV	TV		O
1632	INTELSAT 20	68.5	12522	H	29950	3/4	Trace Urban	TV		O
1633	INTELSAT 20	68.5	12522	H	29950	3/4	JimJam Europe	TV		O
1634	INTELSAT 20	68.5	12522	H	29950	3/4	Channels TV	TV		O
1635	INTELSAT 20	68.5	12522	H	29950	3/4	Fox Sports Africa	TV		O
1636	INTELSAT 20	68.5	12522	H	29950	3/4	AIT National	TV		O
1637	INTELSAT 20	68.5	12522	H	29950	3/4	KBS World	TV		O
1638	INTELSAT 20	68.5	12522	H	29950	3/4	Silverbird TV	TV		O
1639	INTELSAT 20	68.5	12522	H	29950	3/4	E TV Africa	TV		O
1640	INTELSAT 20	68.5	12522	H	29950	3/4	My TV Series	TV		O
1641	INTELSAT 20	68.5	12522	H	29950	3/4	Fine Living	TV		O
1642	INTELSAT 20	68.5	12522	H	29950	3/4	NTA Plus	TV		O
1643	INTELSAT 20	68.5	12522	H	29950	3/4	Al Jazeera English	TV		O
1644	INTELSAT 20	68.5	12522	H	29950	3/4	Zee Cinema Africa	TV		O
1645	INTELSAT 20	68.5	12522	H	29950	3/4	Eurosport News	TV		O
1646	INTELSAT 20	68.5	12522	H	29950	3/4	My TV Hausa	TV		O
1647	INTELSAT 20	68.5	12522	H	29950	3/4	E! Middle East	TV		O
1648	INTELSAT 20	68.5	12522	H	29950	3/4	Nickelodeon Africa	TV		O
1649	INTELSAT 20	68.5	12522	H	29950	3/4	Wap TV (Nigeria)	TV		O
1650	INTELSAT 20	68.5	12522	H	29950	3/4	Fox Africa	TV		O
1651	INTELSAT 20	68.5	12522	H	29950	3/4	My TV Yoruba	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 암호화 등)
1652	INTELSAT 20	68.5	12522	H	29950	3/4	Nat Geo Gold	TV		O
1653	INTELSAT 20	68.5	12522	H	29950	3/4	My TV Africa	TV		O
1654	INTELSAT 20	68.5	12562	H	26657	2/3	Madani Channel	TV		O
1655	INTELSAT 20	68.5	12562	H	26657	2/3	Untouchable TV	TV		O
1656	INTELSAT 20	68.5	12562	H	26657	2/3	ViewSat promo	TV		O
1657	INTELSAT 20	68.5	12562	H	26657	2/3	Messiah TV (Nigeria)	TV		O
1658	INTELSAT 20	68.5	12562	H	26657	2/3	Liberation TV	TV		O
1659	INTELSAT 20	68.5	12562	H	26657	2/3	BelleVe TV	TV		O
1660	INTELSAT 20	68.5	12562	H	26657	2/3	Bible Explorations TV	TV		O
1661	INTELSAT 20	68.5	12562	H	26657	2/3	Olive TV	TV		O
1662	INTELSAT 20	68.5	12562	H	26657	2/3	The Word Network	TV		O
1663	INTELSAT 20	68.5	12562	H	26657	2/3	ABN (Nigeria)	TV		O
1664	INTELSAT 20	68.5	12562	H	26657	2/3	KICC TV	TV		O
1665	INTELSAT 20	68.5	12562	H	26657	2/3	ADBN	TV		O
1666	INTELSAT 20	68.5	12562	H	26657	2/3	Mercy TV	TV		O
1667	INTELSAT 20	68.5	12562	H	26657	2/3	Family Network Africa	TV		O
1668	INTELSAT 20	68.5	12562	H	26657	2/3	Success TV	TV		O
1669	INTELSAT 20	68.5	12562	H	26657	2/3	New Frontiers TV	TV		O
1670	INTELSAT 20	68.5	12562	H	26657	2/3	Ahlulbayt TV	TV		O
1671	INTELSAT 20	68.5	12562	H	26657	2/3	Celebration TV	TV		O
1672	INTELSAT 20	68.5	12567	V	3100	3/4	Citizen TV	TV		O
1673	INTELSAT 20	68.5	12574	V	9700	1/2	Hope Channel International	TV		O
1674	INTELSAT 20	68.5	12574	V	9700	1/2	TV Novo Tempo Brasil	TV		O
1675	INTELSAT 20	68.5	12574	V	9700	1/2	Hope TV India	TV		O
1676	INTELSAT 20	68.5	12574	V	9700	1/2	Morning Star Radio	R		O
1677	INTELSAT 20	68.5	12574	V	9700	1/2	Voice of Hope	R		O
1678	INTELSAT 20	68.5	12602	V	26657	2/3	Evangel TV	TV		O
1679	INTELSAT 20	68.5	12602	V	26657	2/3	The ATV Channel	TV		O
1680	INTELSAT 20	68.5	12602	V	26657	2/3	Harvest TV	TV		O
1681	INTELSAT 20	68.5	12602	V	26657	2/3	BCS Starcross TV	TV		O
1682	INTELSAT 20	68.5	12602	V	26657	2/3	Elshaddai TV Network	TV		O
1683	INTELSAT 20	68.5	12602	V	26657	2/3	CJ TV	TV		O
1684	INTELSAT 20	68.5	12602	V	26657	2/3	Dove TV (Nigeria)	TV		O
1685	INTELSAT 20	68.5	12602	V	26657	2/3	SBN International	TV		O
1686	INTELSAT 20	68.5	12602	V	26657	2/3	TTVM TV	TV		O
1687	INTELSAT 20	68.5	12602	V	26657	2/3	FAPM TV	TV		O
1688	INTELSAT 20	68.5	12602	V	26657	2/3	Spirit Word	TV		O
1689	INTELSAT 20	68.5	12602	V	26657	2/3	DNI TV	TV		O
1690	INTELSAT 20	68.5	12602	V	26657	2/3	God TV Africa	TV		O
1691	INTELSAT 20	68.5	12602	V	26657	2/3	The Impact Network National	TV		O
1692	INTELSAT 20	68.5	12602	V	26657	2/3	Dunamis TV	TV		O
1693	INTELSAT 20	68.5	12602	V	26657	2/3	MFM TV	TV		O
1694	INTELSAT 20	68.5	12602	V	26657	2/3	JCC TV	TV		O
1695	INTELSAT 20	68.5	12602	V	26657	2/3	Praise TV (Nigeria)	TV		O
1696	INTELSAT 20	68.5	12602	V	26657	2/3	Inspiration TV	TV		O
1697	INTELSAT 20	68.5	12602	V	26657	2/3	VoA Southern Africa	R		O
1698	INTELSAT 20	68.5	12657	V	4883	3/4	Botswana TV	TV		O
1699	INTELSAT 20	68.5	12657	V	4883	3/4	Radio Botswana 1	R		O
1700	INTELSAT 20	68.5	12657	V	4883	3/4	Radio Botswana 2	R		O
1701	INTELSAT 20	68.5	12682	V	30000	2/3	Fresh TV	TV		O
1702	INTELSAT 20	68.5	12682	V	30000	2/3	IMPD TV Africa	TV		O
1703	INTELSAT 20	68.5	12682	V	30000	2/3	LX TV	TV		O
1704	INTELSAT 20	68.5	12682	V	30000	2/3	The Revelation Church Of God TV	TV		O
1705	INTELSAT 20	68.5	12682	V	30000	2/3	Breakthru TV	TV		O
1706	INTELSAT 20	68.5	12682	V	30000	2/3	Rivers of Living Waters TV	TV		O
1707	INTELSAT 20	68.5	12682	V	30000	2/3	Outpourings TV	TV		O
1708	INTELSAT 20	68.5	12682	V	30000	2/3	Channel Zim TV	TV		O
1709	INTELSAT 20	68.5	12682	V	30000	2/3	New Generation TV	TV		O
1710	INTELSAT 20	68.5	12682	V	30000	2/3	Homebase TV (South Africa)	TV		O
1711	INTELSAT 20	68.5	12682	V	30000	2/3	Teach Every Nation	TV		O
1712	INTELSAT 20	68.5	12682	V	30000	2/3	DW-Radio	R		O
1713	INTELSAT 20	68.5	12682	V	30000	2/3	Cii Broadcasting	R		O
1714	INTELSAT 20	68.5	12682	V	30000	2/3	Radio Islam International	R		O
1715	INTELSAT 20	68.5	12682	H	26657	2/3	Hosanna Broadcast Network	TV		O
1716	INTELSAT 20	68.5	12682	H	26657	2/3	Fano TV (South Africa)	TV		O
1717	INTELSAT 20	68.5	12682	H	26657	2/3	Blessing TV	TV		O
1718	INTELSAT 20	68.5	12682	H	26657	2/3	Mantle TV	TV		O
1719	INTELSAT 20	68.5	12682	H	26657	2/3	3ABN International	TV		O
1720	INTELSAT 20	68.5	12682	H	26657	2/3	Good News TV (South Africa)	TV		O
1721	INTELSAT 20	68.5	12682	H	26657	2/3	Impact TV Network (South Africa)	TV		O
1722	INTELSAT 20	68.5	12682	H	26657	2/3	Champions TV	TV		O
1723	INTELSAT 20	68.5	12682	H	26657	2/3	Yadah TV	TV		O
1724	INTELSAT 20	68.5	12682	H	26657	2/3	Chosen 10	TV		O
1725	INTELSAT 20	68.5	12682	H	26657	2/3	ACBN Africa	TV		O
1726	INTELSAT 20	68.5	12682	H	26657	2/3	ACNN	TV		O
1727	INTELSAT 20	68.5	12682	H	26657	2/3	Divine Connection TV promo	TV		O
1728	INTELSAT 20	68.5	12682	H	26657	2/3	ACBN International	TV		O
1729	INTELSAT 20	68.5	12682	H	26657	2/3	Champions of Fire TV	TV		O
1730	INTELSAT 20	68.5	12682	H	26657	2/3	Omega Gospel TV	TV		O
1731	INTELSAT 20	68.5	12682	H	26657	2/3	Canal CVV International	TV		O
1732	INTELSAT 20	68.5	12682	H	26657	2/3	LM Radio	R		O
1733	INTELSAT 20	68.5	12722	V	26657	1/2	Clear TV	TV		O
1734	INTELSAT 20	68.5	12722	V	26657	1/2	UBN (South Africa)	TV		O
1735	INTELSAT 20	68.5	12722	V	26657	1/2	Redemption TV Ministry	TV		O
1736	INTELSAT 20	68.5	12722	V	26657	1/2	Emmanuel TV	TV		O
1737	INTELSAT 20	68.5	12722	V	26657	1/2	Prophetic Channel	TV		O
1738	INTELSAT 20	68.5	12722	V	26657	1/2	LoveWorld Sat	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
1739	INTELSAT 20	68.5	12722	V	26657	1/2	World Restoration Service	TV		O
1740	INTELSAT 20	68.5	12722	V	26657	1/2	Kingdom Life Network	TV		O
1741	INTELSAT 20	68.5	12722	V	26657	1/2	TWR Africa	R		O
1742	INTELSAT 20	68.5	12722	V	26657	1/2	Channel Africa	R		O
1743	INTELSAT 20	68.5	12722	H	26657	1/2	My TV promo	TV		O
1744	INTELSAT 20	68.5	12722	H	26657	1/2	OPM Doctor Jesus	TV		O
1745	INTELSAT 20	68.5	12722	H	26657	1/2	Hadi TV 5	TV		O
1746	INTELSAT 20	68.5	12722	H	26657	1/2	Cemadon TV	TV		O
1747	INTELSAT 20	68.5	12722	H	26657	1/2	CT Live! One	TV		O
1748	INTELSAT 20	68.5	12722	H	26657	1/2	Gof TV	TV		O
1749	INTELSAT 20	68.5	12722	H	26657	1/2	GMTV (Nigeria)	TV		O
1750	INTELSAT 20	68.5	12722	H	26657	1/2	ViewSat promo	TV		O
1751	INTELSAT 20	68.5	12722	H	26657	1/2	Digha	TV		O
1752	INTELSAT 20	68.5	12722	H	26657	1/2	Christ Apostolic Church TV	TV		O
1753	INTELSAT 20	68.5	12722	H	26657	1/2	Royal Choice TV	TV		O
1754	INTELSAT 20	68.5	12722	H	26657	1/2	Lumen Christi TV Network	TV		O
1755	INTELSAT 20	68.5	12722	H	26657	1/2	Favour TV	TV		O
1756	INTELSAT 20	68.5	12722	H	26657	1/2	Nollywood	TV		O
1757	INTELSAT 20	68.5	12722	H	26657	1/2	Rhema TV (Nigeria)	TV		O
1758	INTELSAT 20	68.5	12722	H	26657	1/2	Press TV	TV		O
1759	INTELSAT 20	68.5	12722	H	26657	1/2	IFilm English	TV		O
1760	INTELSAT 20	68.5	12722	H	26657	1/2	Holy TV	TV		O
1761	INTELSAT 20	68.5	12722	H	26657	1/2	Christ TV	TV		O
1762	INTELSAT 22	72	3724	CL	16073	3/4	Family TV (Kenya)	TV		O
1763	INTELSAT 22	72	3724	CL	16073	3/4	Sayare TV	TV		O
1764	INTELSAT 22	72	3724	CL	16073	3/4	K24	TV		O
1765	INTELSAT 22	72	3724	CL	16073	3/4	KBC Channel 1	TV		O
1766	INTELSAT 22	72	3724	CL	16073	3/4	Edu Channel	TV		O
1767	INTELSAT 22	72	3724	CL	16073	3/4	Ebru TV Africa	TV		O
1768	INTELSAT 22	72	3724	CL	16073	3/4	Njata TV	TV		O
1769	INTELSAT 22	72	3724	CL	16073	3/4	Kingdom TV (Kenya)	TV		O
1770	INTELSAT 22	72	3724	CL	16073	3/4	Revival TV (Kenya)	TV		O
1771	INTELSAT 22	72	3724	CL	16073	3/4	Aviation TV	TV		O
1772	INTELSAT 22	72	3724	CL	16073	3/4	Hope TV (Kenya)	TV		O
1773	INTELSAT 22	72	3724	CL	16073	3/4	Pwani TV	TV		O
1774	INTELSAT 22	72	3724	CL	16073	3/4	Youth TV	TV		O
1775	INTELSAT 22	72	3724	CL	16073	3/4	Lolwe TV	TV		O
1776	INTELSAT 22	72	3724	CL	16073	3/4	KTS	TV		O
1777	INTELSAT 22	72	3724	CL	16073	3/4	Lake Victoria TV	TV		O
1778	INTELSAT 22	72	3724	CL	16073	3/4	Mother & Child TV	TV		O
1779	INTELSAT 22	72	3724	CL	16073	3/4	WTV	TV		O
1780	INTELSAT 22	72	3724	CL	16073	3/4	Baite TV	TV		O
1781	INTELSAT 22	72	3724	CL	16073	3/4	KBC Radio Taifa	R		O
1782	INTELSAT 22	72	3724	CL	16073	3/4	KBC English Service	R		O
1783	INTELSAT 22	72	3724	CL	16073	3/4	Coro FM	R		O
1784	INTELSAT 22	72	3724	CL	16073	3/4	Iftiin FM	R		O
1785	INTELSAT 22	72	3724	CL	16073	3/4	Nosim FM	R		O
1786	INTELSAT 22	72	3724	CL	16073	3/4	Minto FM	R		O
1787	INTELSAT 22	72	3724	CL	16073	3/4	Mayienga FM	R		O
1788	INTELSAT 22	72	3724	CL	16073	3/4	Kitwek FM	R		O
1789	INTELSAT 22	72	3724	CL	16073	3/4	Ingo FM	R		O
1790	INTELSAT 22	72	3724	CL	16073	3/4	Mwatu FM	R		O
1791	INTELSAT 22	72	3724	CL	16073	3/4	Mwago FM	R		O
1792	INTELSAT 22	72	3724	CL	16073	3/4	Eastern Service	R		O
1793	INTELSAT 22	72	3735	CL	2325	2/3	KBC Channel 1	TV		O
1794	INTELSAT 22	72	3735	CL	2325	2/3	KBC Radio Taifa	R		O
1795	INTELSAT 22	72	3735	CL	2325	2/3	KBC English Service	R		O
1796	INTELSAT 22	72	3735	CL	2325	2/3	Venus FM	R		O
1797	INTELSAT 22	72	3735	CL	2325	2/3	Coro FM	R		O
1798	INTELSAT 22	72	3735	CL	2325	2/3	Nosim FM	R		O
1799	INTELSAT 22	72	3735	CL	2325	2/3	Minto FM	R		O
1800	INTELSAT 22	72	3735	CL	2325	2/3	Kitwek FM	R		O
1801	INTELSAT 22	72	3735	CL	2325	2/3	Mayienga FM	R		O
1802	INTELSAT 22	72	3735	CL	2325	2/3	Mwatu FM	R		O
1803	INTELSAT 22	72	3735	CL	2325	2/3	Ingo FM	R		O
1804	INSAT 3C	74	3780	H	6250	3/4	DD National	TV	O	
1805	INSAT 3C	74	4165	H	26000	1/2	Gyan Darshan 1	TV		O
1806	INSAT 3C	74	4165	H	26000	1/2	Gyan Darshan 2	TV		O
1807	INSAT 3C	74	4165	H	26000	1/2	Eklavya Technology Channel	TV		O
1808	INSAT 3C	74	4165	H	26000	1/2	Vyas Higher Education Channel	TV		O
1809	INSAT 3C	74	4165	H	26000	1/2	Gyan Darshan 1	TV		O
1810	INSAT 3C	74	4165	H	26000	1/2	Gyanvani	R		O
1811	INSAT 4CR	74	11513	H	3000	2/3	ORSAC	TV		O
1812	INSAT 4CR	74	11520	H	1700	3/4	RGPEEE	TV		O
1813	INSAT 4CR	74	11523	H	1700	3/4	BISAG 1	TV		O
1814	INSAT 4CR	74	11526	H	1700	3/4	BISAG 2	TV		O
1815	INSAT 4CR	74	11578	H	5000	7/8	Utkarsh Channel 1	TV		O
1816	INSAT 4CR	74	11578	H	5000	7/8	Utkarsh Channel 2	TV		O
1817	INSAT 4CR	74	11578	H	5000	7/8	Utkarsh Channel 3	TV		O
1818	INSAT 4CR	74	11578	H	5000	7/8	Utkarsh Channel 4	TV		O
1819	INSAT 4CR	74	11667	V	3000	3/4	VICTERS	TV		O
1820	INSAT 4CR	74	11680	V	2965	3/4	Vidya Vahini	TV		O
1821	INSAT 4CR	74	11680	V	2965	3/4	VTU (Mon-Fri 09-17 IST)	TV		O
1822	INSAT 4CR	74	11685	V	2900	7/8	School Net	TV		O
1823	ABS 2	75	3545	H	1956	3/4	Alhurra TV	TV		O
1824	ABS 2	75	3618	V	29000	5/6	MTV Live HD	TV		O
1825	ABS 2	75	3618	V	29000	5/6	Nick Jr Asia	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
1826	ABS 2	75	3618	V	29000	5/6	Motorvision TV	TV		O
1827	ABS 2	75	3618	V	29000	5/6	Ginx TV	TV		O
1828	ABS 2	75	3618	V	29000	5/6	Trace Sport Stars	TV		O
1829	ABS 2	75	3766	v	3000	3/4	People's TV (Philippines)	TV		O
1830	ABS 2	75	3770	V	2142	2/3	Hope Channel Philippines	TV		O
1831	ABS 2	75	3772	V	2400	2/3	IBC 13	TV		O
1832	ABS 2	75	3779	V	7494	3/4	TBN Asia	TV		O
1833	ABS 2	75	3779	V	7494	3/4	The Church Channel	TV		O
1834	ABS 2	75	3779	V	7494	3/4	Smile of a Child TV (10.30-22.30)	TV		O
1835	ABS 2	75	3779	V	7494	3/4	Juce TV (22.30-10.30)	TV		O
1836	ABS 2	75	3779	V	7494	3/4	TeleNovela Channel	TV		O
1837	ABS 2	75	3791	V	3703	2/3	Pinoy Extreme Channel	TV		O
1838	ABS 2	75	3791	V	3703	2/3	CCTN 47	TV		O
1839	ABS 2	75	3846	V	2300	3/4	GCN Korea	TV		O
1840	ABS 2	75	3942	V	30000	2/3	Star Chinese Channel	TV		O
1841	ABS 2	75	3942	V	30000	2/3	Star Chinese Movies Taiwan	TV		O
1842	ABS 2	75	3942	V	30000	2/3	Star Movies Taiwan	TV		O
1843	ABS 2	75	3942	V	30000	2/3	National Geographic Channel Taiwan	TV		O
1844	ABS 2	75	3942	V	30000	2/3	Fox Entertainment Taiwan	TV		O
1845	ABS 2	75	3942	V	30000	2/3	Star World Taiwan	TV		O
1846	ABS 2	75	3942	V	30000	2/3	Fox Sports Taiwan	TV		O
1847	ABS 2	75	3942	V	30000	2/3	Fox Sports 2 Taiwan	TV		O
1848	ABS 2	75	3942	V	30000	2/3	Channel V Taiwan International	TV		O
1849	ABS 2	75	3942	V	30000	2/3	Fox Sports Philippines	TV		O
1850	ABS 2	75	3978	V	29000	5/6	Star World HD Philippines	TV		O
1851	ABS 2	75	3978	V	29000	5/6	Fox HD Philippines	TV		O
1852	ABS 2	75	3978	V	29000	5/6	Fox Philippines	TV		O
1853	ABS 2	75	3978	V	29000	5/6	Star Movies Philippines	TV		O
1854	ABS 2	75	3978	V	29000	5/6	National Geographic Channel Philippines	TV		O
1855	ABS 2	75	3978	V	29000	5/6	Fox Filipino	TV		O
1856	ABS 2	75	3978	V	29000	5/6	Star World Philippines	TV		O
1857	ABS 2	75	3978	V	29000	5/6	Fox Sports Philippines	TV		O
1858	ABS 2	75	4123	V	2800	5/6	Light Network	TV		O
1859	ABS 2	75	4123	V	2800	5/6	Light Network	TV		O
1860	ABS 2	75	4123	V	2800	5/6	Light Network	TV		O
1861	ABS 2	75	10985	H	35007	3/4	Rossiya HD	TV		O
1862	ABS 2	75	10985	H	35007	3/4	Sport 1 (Russia)	TV		O
1863	ABS 2	75	10985	H	35007	3/4	IQ HD	TV		O
1864	ABS 2	75	10985	H	35007	3/4	National Geographic Channel HD Russia & Turkey	TV		O
1865	ABS 2	75	10985	H	35007	3/4	Nat Geo Wild HD Asia	TV		O
1866	ABS 2	75	10985	H	35007	3/4	Fox Life Russia	TV		O
1867	ABS 2	75	10985	H	35007	3/4	Fox Russia	TV		O
1868	ABS 2	75	10985	H	35007	3/4	Travel + Adventure	TV		O
1869	ABS 2	75	10985	H	35007	3/4	360° Podmoskove	TV		O
1870	ABS 2	75	10985	H	35007	3/4	Russkiy Bestseller	TV		O
1871	ABS 2	75	11045	H	44922	5/6	Rossiya 1 (0h)	TV		O
1872	ABS 2	75	11045	H	44922	5/6	Rossiya 1 (+2h)	TV		O
1873	ABS 2	75	11045	H	44922	5/6	Rossiya 1 (+4h)	TV		O
1874	ABS 2	75	11045	H	44922	5/6	Rossiya 1 (+6h)	TV		O
1875	ABS 2	75	11045	H	44922	5/6	Rossiya 2	TV		O
1876	ABS 2	75	11045	H	44922	5/6	Rossiya 24	TV		O
1877	ABS 2	75	11045	H	44922	5/6	Olala 1	TV		O
1878	ABS 2	75	11045	H	44922	5/6	Travel + Adventure	TV		O
1879	ABS 2	75	11045	H	44922	5/6	Rossiya K	TV		O
1880	ABS 2	75	11045	H	44922	5/6	National Geographic Channel Russia	TV		O
1881	ABS 2	75	11045	H	44922	5/6	Nat Geo Wild Russia	TV		O
1882	ABS 2	75	11045	H	44922	5/6	Ru TV	TV		O
1883	ABS 2	75	11045	H	44922	5/6	Top Shop TV Russia	TV		O
1884	ABS 2	75	11045	H	44922	5/6	Belarus 24	TV		O
1885	ABS 2	75	11045	H	44922	5/6	Fox Life Russia	TV		O
1886	ABS 2	75	11045	H	44922	5/6	Fox Russia	TV		O
1887	ABS 2	75	11045	H	44922	5/6	Moskva 24	TV		O
1888	ABS 2	75	11045	H	44922	5/6	Moskva Doverie	TV		O
1889	ABS 2	75	11045	H	44922	5/6	DFM 101.2	R		O
1890	ABS 2	75	11045	H	44922	5/6	Russkoe Radio	R		O
1891	ABS 2	75	11045	H	44922	5/6	Hit FM (Russia)	R		O
1892	ABS 2	75	11045	H	44922	5/6	Maximum 103.7 FM	R		O
1893	ABS 2	75	11045	H	44922	5/6	Russkoe Radio (+2h)	R		O
1894	ABS 2	75	11105	H	43200	5/6	NTV (0h)	TV		O
1895	ABS 2	75	11105	H	43200	5/6	Fashion TV Russia	TV		O
1896	ABS 2	75	11105	H	43200	5/6	TV 3 (+3h)	TV		O
1897	ABS 2	75	11105	H	43200	5/6	Pyatnitsa! (+2h)	TV		O
1898	ABS 2	75	11105	H	43200	5/6	Telekanal 2x2 (0h)	TV		O
1899	ABS 2	75	11105	H	43200	5/6	RBK TV	TV		O
1900	ABS 2	75	11105	H	43200	5/6	Multimania	TV		O
1901	ABS 2	75	11105	H	43200	5/6	TNT Comedy	TV		O
1902	ABS 2	75	11105	H	43200	5/6	Shopping Live	TV		O
1903	ABS 2	75	11105	H	43200	5/6	Cartoon Network Russia & South East Europe	TV		O
1904	ABS 2	75	11105	H	43200	5/6	Eurosport International	TV		O
1905	ABS 2	75	11105	H	43200	5/6	Eurosport 2 North-East	TV		O
1906	ABS 2	75	11105	H	43200	5/6	Shop 24	TV		O
1907	ABS 2	75	11105	H	43200	5/6	Russkij Extreme	TV		O
1908	ABS 2	75	11105	H	43200	5/6	RT English	TV		O
1909	ABS 2	75	11105	H	43200	5/6	Radio Komsomolskaya Pravda	TV		O
1910	ABS 2	75	11105	H	43200	5/6	Radio Mir	TV		O
1911	ABS 2	75	11473	V	22500	3/4	Kanal Disney	TV		O
1912	ABS 2	75	11473	V	22500	3/4	U	TV		O



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1913	ABS 2	75	11473	V	22500	3/4	TV XXI	TV		O
1914	ABS 2	75	11473	V	22500	3/4	TNT Comedy	TV		O
1915	ABS 2	75	11473	V	22500	3/4	Moy Mir	TV		O
1916	ABS 2	75	11473	V	22500	3/4	RT Doc	TV		O
1917	ABS 2	75	11473	V	22500	3/4	Mir	TV		O
1918	ABS 2	75	11473	V	22500	3/4	Zhivi!	TV		O
1919	ABS 2	75	11473	V	22500	3/4	TNT (+4h)	TV		O
1920	ABS 2	75	11473	V	22500	3/4	TNT (+7h)	TV		O
1921	ABS 2	75	11473	V	22500	3/4	NTV (+3h)	TV		O
1922	ABS 2	75	11473	V	22500	3/4	NTV (+4h)	TV		O
1923	ABS 2	75	11473	V	22500	3/4	LDPR TV	TV		O
1924	ABS 2	75	11473	V	22500	3/4	TNT (0h)	TV		O
1925	ABS 2	75	11473	V	22500	3/4	World Business Channel	TV		O
1926	ABS 2	75	11491	V	4650	2/3	TVT 1	TV		O
1927	ABS 2	75	11491	V	4650	2/3	TV Safina	TV		O
1928	ABS 2	75	11491	V	4650	2/3	TV Bakhoristan	TV		O
1929	ABS 2	75	11491	V	4650	2/3	Jahonnamo	TV		O
1930	ABS 2	75	11491	V	4650	2/3	Radioi Tojik	R		O
1931	ABS 2	75	11491	V	4650	2/3	Ovozi Tojik	R		O
1932	ABS 2	75	11491	V	4650	2/3	Sadoi Dushanbe	R		O
1933	ABS 2	75	11491	V	4650	2/3	Radioi Farhang	R		O
1934	ABS 2	75	11491	V	4650	2/3	Mir	TV		O
1935	ABS 2	75	11505	V	3400	7/8	Mir +3	TV		O
1936	ABS 2	75	11505	V	3400	7/8	Radio Mir (+3h)	TV		O
1937	ABS 2	75	11531	V	22000	5/6	Detskiy	TV		O
1938	ABS 2	75	11531	V	22000	5/6	Russkiy Illusion	TV		O
1939	ABS 2	75	11531	V	22000	5/6	Illusion +	TV		O
1940	ABS 2	75	11531	V	22000	5/6	Zoo Park	TV		O
1941	ABS 2	75	11531	V	22000	5/6	Evrokino	TV		O
1942	ABS 2	75	11531	V	22000	5/6	Avto 24	TV		O
1943	ABS 2	75	11531	V	22000	5/6	SET Russia	TV		O
1944	ABS 2	75	11531	V	22000	5/6	Sony Turbo	TV		O
1945	ABS 2	75	11531	V	22000	5/6	Sony Sci-Fi Russia	TV		O
1946	ABS 2	75	11531	V	22000	5/6	TV 3 (+2h)	TV	O	
1947	ABS 2	75	11559	V	22000	5/6	TV 1000 Action (04-24)	TV		O
1948	ABS 2	75	11559	V	22000	5/6	Viasat Nature East	TV		O
1949	ABS 2	75	11559	V	22000	5/6	TV 1000 East	TV		O
1950	ABS 2	75	11559	V	22000	5/6	Viasat Explore Russia	TV		O
1951	ABS 2	75	11559	V	22000	5/6	Viasat History	TV		O
1952	ABS 2	75	11559	V	22000	5/6	Da Vinci Learning	TV		O
1953	ABS 2	75	11559	V	22000	5/6	Viasat Sport East	TV		O
1954	ABS 2	75	11559	V	22000	5/6	TV 1000 Russkoe Kino	TV		O
1955	ABS 2	75	11605	V	43200	7/8	Karusel	TV		O
1956	ABS 2	75	11605	V	43200	7/8	Muzika	TV		O
1957	ABS 2	75	11605	V	43200	7/8	Dom Kino	TV		O
1958	ABS 2	75	11605	V	43200	7/8	Telecafé (Russia)	TV		O
1959	ABS 2	75	11605	V	43200	7/8	Vremya	TV		O
1960	ABS 2	75	11605	V	43200	7/8	Nickelodeon CIS	TV		O
1961	ABS 2	75	11605	V	43200	7/8	Paramount Comedy Russia	TV		O
1962	ABS 2	75	11605	V	43200	7/8	Paramount Channel Russia	TV		O
1963	ABS 2	75	11605	V	43200	7/8	Oruzhie	TV		O
1964	ABS 2	75	11605	V	43200	7/8	Feniks+Kino	TV		O
1965	ABS 2	75	11605	V	43200	7/8	TNV Planeta	TV		O
1966	ABS 2	75	11605	V	43200	7/8	TRO	TV		O
1967	ABS 2	75	11605	V	43200	7/8	Zhivi!	TV		O
1968	ABS 2	75	11605	V	43200	7/8	Telekanal Zvezda (0h)	TV		O
1969	ABS 2	75	11605	V	43200	7/8	InterAz	TV		O
1970	ABS 2	75	11605	V	43200	7/8	Mir	TV		O
1971	ABS 2	75	11605	V	43200	7/8	Mir +3	TV		O
1972	ABS 2	75	11605	V	43200	7/8	Mir 24	TV		O
1973	ABS 2	75	11605	V	43200	7/8	RZD	TV		O
1974	ABS 2	75	11605	V	43200	7/8	Zee TV Russia	TV		O
1975	ABS 2	75	11605	V	43200	7/8	Telekanal 2x2 (+2h)	TV		O
1976	ABS 2	75	11605	V	43200	7/8	Moy Mir	TV		O
1977	ABS 2	75	11605	V	43200	7/8	Radio Mir	R		O
1978	ABS 2	75	11605	V	43200	7/8	Radio Mir Belarus	R		O
1979	ABS 2	75	11605	V	43200	7/8	Pioner FM	R		O
1980	ABS 2	75	11605	V	43200	7/8	Horoshee FM	R		O
1981	ABS 2	75	11605	V	43200	7/8	Radio Premium	R		O
1982	ABS 2	75	11665	V	44922	5/6	Moya Planeta	TV		O
1983	ABS 2	75	11665	V	44922	5/6	Nauka 2.0	TV		O
1984	ABS 2	75	11665	V	44922	5/6	Russkiy Roman	TV		O
1985	ABS 2	75	11665	V	44922	5/6	Russkiy Bestseller	TV		O
1986	ABS 2	75	11665	V	44922	5/6	Sarafan	TV		O
1987	ABS 2	75	11665	V	44922	5/6	Strana	TV		O
1988	ABS 2	75	11665	V	44922	5/6	Kino TV (Russia)	TV		O
1989	ABS 2	75	11665	V	44922	5/6	Zhivaya Planeta	TV		O
1990	ABS 2	75	11665	V	44922	5/6	Istoriya Telekanal	TV		O
1991	ABS 2	75	11665	V	44922	5/6	Sport (Russia)	TV		O
1992	ABS 2	75	11665	V	44922	5/6	Boytsovskiy Klub	TV		O
1993	ABS 2	75	11665	V	44922	5/6	Sport 1 (Russia)	TV		O
1994	ABS 2	75	11665	V	44922	5/6	Russkiy Detektiv	TV		O
1995	ABS 2	75	11665	V	44922	5/6	360° Podmoskove	TV		O
1996	ABS 2	75	11665	V	44922	5/6	Park Razvlicenii	TV		O
1997	ABS 2	75	11665	V	44922	5/6	Mult	TV		O
1998	ABS 2	75	11665	V	44922	5/6	Mama	TV		O
1999	ABS 2	75	11665	V	44922	5/6	Techno 24	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
2000	ABS 2	75	11665	V	44922	5/6	Nastoyashee Strashnoe TV	TV		○
2001	ABS 2	75	11665	V	44922	5/6	24 Dok	TV		○
2002	ABS 2	75	11733	V	43000	5/6	Retro	TV		○
2003	ABS 2	75	11733	V	43000	5/6	Draiv	TV		○
2004	ABS 2	75	11733	V	43000	5/6	Okhota i Rybalka	TV		○
2005	ABS 2	75	11733	V	43000	5/6	Zdorovoe TV	TV		○
2006	ABS 2	75	11733	V	43000	5/6	Usadba	TV		○
2007	ABS 2	75	11733	V	43000	5/6	Domashnie Zhitovnye	TV		○
2008	ABS 2	75	11733	V	43000	5/6	Psikhologiya 21	TV		○
2009	ABS 2	75	11733	V	43000	5/6	Voprosy i Otvety	TV		○
2010	ABS 2	75	11733	V	43000	5/6	A-One Hip-Hop Music Channel	TV		○
2011	ABS 2	75	11733	V	43000	5/6	Russkij Extreme	TV		○
2012	ABS 2	75	11733	V	43000	5/6	TV Sale	TV		○
2013	ABS 2	75	11733	V	43000	5/6	Tochka TV	TV		○
2014	ABS 2	75	11733	V	43000	5/6	MCM Top	TV		○
2015	ABS 2	75	11734	H	44000	2/3	DD News	TV		○
2016	ABS 2	75	11734	H	44000	2/3	DD Bharati	TV		○
2017	ABS 2	75	11734	H	44000	2/3	DD Urdu	TV		○
2018	ABS 2	75	11734	H	44000	2/3	Trace Sport Stars	TV		○
2019	ABS 2	75	11734	H	44000	2/3	DD India	TV		○
2020	ABS 2	75	11734	H	44000	2/3	Rajya Sabha TV	TV		○
2021	ABS 2	75	11734	H	44000	2/3	Sathiyam TV	TV		○
2022	ABS 2	75	11790	H	44000	2/3	Disha TV	TV		○
2023	ABS 2	75	11790	H	44000	2/3	Aaseevatham TV	TV		○
2024	ABS 2	75	11790	H	44000	2/3	Cine 21	TV		○
2025	ABS 2	75	11790	H	44000	2/3	CTVN AKD Plus	TV		○
2026	ABS 2	75	11790	H	44000	2/3	Zee 24 Ghanta	TV		○
2027	ABS 2	75	11793	V	43200	5/6	Perviy kanal (0h)	TV		○
2028	ABS 2	75	11793	V	43200	5/6	Rossiya 1 (0h)	TV		○
2029	ABS 2	75	11793	V	43200	5/6	Rossiya 2	TV		○
2030	ABS 2	75	11793	V	43200	5/6	5 Kanal	TV		○
2031	ABS 2	75	11793	V	43200	5/6	Rossiya K	TV		○
2032	ABS 2	75	11793	V	43200	5/6	Rossiya 24	TV		○
2033	ABS 2	75	11793	V	43200	5/6	OTR	TV		○
2034	ABS 2	75	11793	V	43200	5/6	TV Centr	TV		○
2035	ABS 2	75	11793	V	43200	5/6	Perviy kanal (+4h)	TV		○
2036	ABS 2	75	11793	V	43200	5/6	Rossiya 1 (+4h)	TV		○
2037	ABS 2	75	11793	V	43200	5/6	STS (+2h)	TV		○
2038	ABS 2	75	11793	V	43200	5/6	TNT (+2h)	TV		○
2039	ABS 2	75	11793	V	43200	5/6	REN TV (0h)	TV		○
2040	ABS 2	75	11793	V	43200	5/6	Kanal Disney	TV		○
2041	ABS 2	75	11793	V	43200	5/6	Detskiy	TV		○
2042	ABS 2	75	11793	V	43200	5/6	Russkiy Illusion	TV		○
2043	ABS 2	75	11793	V	43200	5/6	Illusion +	TV		○
2044	ABS 2	75	11793	V	43200	5/6	Zoo Park	TV		○
2045	ABS 2	75	11793	V	43200	5/6	Evrokino	TV		○
2046	ABS 2	75	11793	V	43200	5/6	Avto 24	TV		○
2047	ABS 2	75	11793	V	43200	5/6	Raduga TV promo	TV		○
2048	ABS 2	75	11853	V	45000	2/3	Perviy kanal	TV		○
2049	ABS 2	75	11853	V	45000	2/3	Rossiya 1	TV		○
2050	ABS 2	75	11853	V	45000	2/3	Karusel	TV		○
2051	ABS 2	75	11853	V	45000	2/3	STS	TV		○
2052	ABS 2	75	11853	V	45000	2/3	REN TV	TV		○
2053	ABS 2	75	11853	V	45000	2/3	Peretz	TV		○
2054	ABS 2	75	11853	V	45000	2/3	Domashniy	TV		○
2055	ABS 2	75	11853	V	45000	2/3	National Geographic Channel Russia	TV		○
2056	ABS 2	75	11853	V	45000	2/3	Draiv	TV		○
2057	ABS 2	75	11853	V	45000	2/3	Okhota i Rybalka	TV		○
2058	ABS 2	75	11853	V	45000	2/3	Dom Kino	TV		○
2059	ABS 2	75	11853	V	45000	2/3	Retro	TV		○
2060	ABS 2	75	11853	V	45000	2/3	Russkiy Illusion	TV		○
2061	ABS 2	75	11853	V	45000	2/3	Illusion +	TV		○
2062	ABS 2	75	11853	V	45000	2/3	Universal Channel Russia	TV		○
2063	ABS 2	75	11853	V	45000	2/3	Telekanal Futbol	TV		○
2064	ABS 2	75	11853	V	45000	2/3	Zdorovoe TV	TV		○
2065	ABS 2	75	11853	V	45000	2/3	Usadba	TV		○
2066	ABS 2	75	11853	V	45000	2/3	Domashnie Zhitovnye	TV		○
2067	ABS 2	75	11853	V	45000	2/3	Voprosy i Otvety	TV		○
2068	ABS 2	75	11853	V	45000	2/3	Psikhologiya 21	TV		○
2069	ABS 2	75	11853	V	45000	2/3	RBK TV	TV		○
2070	ABS 2	75	11853	V	45000	2/3	MGM Channel Russia	TV		○
2071	ABS 2	75	11853	V	45000	2/3	Gulli	TV		○
2072	ABS 2	75	11853	V	45000	2/3	JimJam Europe	TV		○
2073	ABS 2	75	11853	V	45000	2/3	Muzika	TV		○
2074	ABS 2	75	11853	V	45000	2/3	KHL TV	TV		○
2075	ABS 2	75	11853	V	45000	2/3	Vremya	TV		○
2076	ABS 2	75	11853	V	45000	2/3	Mnogo TV	TV		○
2077	ABS 2	75	11853	V	45000	2/3	India TV (Russia)	TV		○
2078	ABS 2	75	11853	V	45000	2/3	STS Love	TV		○
2079	ABS 2	75	11853	V	45000	2/3	Muz TV (Russia)	TV		○
2080	ABS 2	75	11853	V	45000	2/3	Baby TV Europe	TV		○
2081	ABS 2	75	11853	V	45000	2/3	Nick Jr CIS	TV		○
2082	ABS 2	75	11853	V	45000	2/3	Evrokino	TV		○
2083	ABS 2	75	11853	V	45000	2/3	RTG TV	TV		○
2084	ABS 2	75	11853	V	45000	2/3	TNT Comedy	TV		○
2085	ABS 2	75	11913	V	45000	2/3	Detski Mir (06-20)	TV		○
2086	ABS 2	75	11913	V	45000	2/3	TeleKlub (20-06)	TV		○

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
2087	ABS 2	75	11913	V	45000	2/3	Cartoon Network Russia & South East Europe	TV		O
2088	ABS 2	75	11913	V	45000	2/3	Nickelodeon CIS	TV		O
2089	ABS 2	75	11913	V	45000	2/3	S TV	TV		O
2090	ABS 2	75	11913	V	45000	2/3	Telecafé (Russia)	TV		O
2091	ABS 2	75	11913	V	45000	2/3	Uspeh	TV		O
2092	ABS 2	75	11913	V	45000	2/3	DW	TV		O
2093	ABS 2	75	11913	V	45000	2/3	Prosveshenie	TV		O
2094	ABS 2	75	11913	V	45000	2/3	Zee TV Russia	TV		O
2095	ABS 2	75	11913	V	45000	2/3	Europa Plus TV	TV		O
2096	ABS 2	75	11913	V	45000	2/3	Eurosport News	TV		O
2097	ABS 2	75	11913	V	45000	2/3	Tiji	TV		O
2098	ABS 2	75	11913	V	45000	2/3	Olala 1	TV		O
2099	ABS 2	75	11913	V	45000	2/3	French Lover TV (23-04)	TV		O
2100	ABS 2	75	11913	V	45000	2/3	Shop 24	TV		O
2101	ABS 2	75	11913	V	45000	2/3	Kuhnya TV	TV		O
2102	ABS 2	75	11913	V	45000	2/3	8 Kanal	TV		O
2103	ABS 2	75	11913	V	45000	2/3	Interesnoe TV	TV		O
2104	ABS 2	75	11913	V	45000	2/3	France 24 English	TV		O
2105	ABS 2	75	11913	V	45000	2/3	Bridge TV	TV		O
2106	ABS 2	75	11913	V	45000	2/3	9 Volna	TV		O
2107	ABS 2	75	11913	V	45000	2/3	Dange TV	TV		O
2108	ABS 2	75	11913	V	45000	2/3	Evronovosti	TV		O
2109	ABS 2	75	11913	V	45000	2/3	Inva Media TV	TV		O
2110	ABS 2	75	11913	V	45000	2/3	Moskva 24	TV		O
2111	ABS 2	75	11913	V	45000	2/3	Rusong TV	TV		O
2112	ABS 2	75	11913	V	45000	2/3	Vmeste RF	TV		O
2113	ABS 2	75	11913	V	45000	2/3	Nautical Channel	TV		O
2114	ABS 2	75	11913	V	45000	2/3	Soversheno Sekretno TV	TV		O
2115	ABS 2	75	11913	V	45000	2/3	TNV Planeta	TV		O
2116	ABS 2	75	11913	V	45000	2/3	OTV Primorje	TV		O
2117	ABS 2	75	11913	V	45000	2/3	Shant TV	TV		O
2118	ABS 2	75	11913	V	45000	2/3	Rostov TV	TV		O
2119	ABS 2	75	11913	V	45000	2/3	Tatar Music TV	TV		O
2120	ABS 2	75	11913	V	45000	2/3	OTS	TV		O
2121	ABS 2	75	11913	V	45000	2/3	Fine Living	TV		O
2122	ABS 2	75	11973	V	45000	2/3	MTV Russia	TV		O
2123	ABS 2	75	11973	V	45000	2/3	Fox Life Russia	TV		O
2124	ABS 2	75	11973	V	45000	2/3	Fox Russia	TV		O
2125	ABS 2	75	11973	V	45000	2/3	National Geographic Channel Russia	TV		O
2126	ABS 2	75	11973	V	45000	2/3	Nat Geo Wild HD Asia	TV		O
2127	ABS 2	75	11973	V	45000	2/3	Rossiya HD	TV		O
2128	ABS 2	75	11973	V	45000	2/3	Perviy kanal	TV		O
2129	ABS 2	75	11973	V	45000	2/3	Amedia Premium HD	TV		O
2130	ABS 2	75	11973	V	45000	2/3	Paramount Comedy Russia	TV		O
2131	ABS 2	75	11973	V	45000	2/3	HD Life	TV		O
2132	ABS 2	75	11973	V	45000	2/3	Amedia Hit	TV		O
2133	ABS 2	75	12033	V	45000	2/3	Discovery Channel Russia	TV		O
2134	ABS 2	75	12033	V	45000	2/3	Animal Planet HD	TV		O
2135	ABS 2	75	12033	V	45000	2/3	Eurosport International	TV		O
2136	ABS 2	75	12033	V	45000	2/3	Travel Channel HD Europe	TV		O
2137	ABS 2	75	12033	V	45000	2/3	TLC Russia	TV		O
2138	ABS 2	75	12033	V	45000	2/3	Candy TV	TV		O
2139	ABS 2	75	12033	V	45000	2/3	Travel + Adventure	TV		O
2140	ABS 2	75	12033	V	45000	2/3	Investigation Discovery Xtra	TV		O
2141	ABS 2	75	12033	V	45000	2/3	History HD Europe	TV		O
2142	ABS 2	75	12033	V	45000	2/3	RT Doc	TV		O
2143	ABS 2	75	12033	V	45000	2/3	Food Network Russia	TV		O
2144	ABS 2	75	12093	V	45000	2/3	LifeNews	TV		O
2145	ABS 2	75	12093	V	45000	2/3	Mir	TV		O
2146	ABS 2	75	12093	V	45000	2/3	Fashion One Europe	TV		O
2147	ABS 2	75	12093	V	45000	2/3	Eurosport 2 North-East	TV		O
2148	ABS 2	75	12093	V	45000	2/3	Nash Futbol	TV		O
2149	ABS 2	75	12093	V	45000	2/3	RT English	TV		O
2150	ABS 2	75	12093	V	45000	2/3	RTG HD	TV		O
2151	ABS 2	75	12093	V	45000	2/3	Duck TV HD	TV		O
2152	ABS 2	75	12093	V	45000	2/3	Teledom	TV		O
2153	ABS 2	75	12093	V	45000	2/3	World Business Channel	TV		O
2154	ABS 2	75	12093	V	45000	2/3	1HD	TV		O
2155	ABS 2	75	12153	V	45000	2/3	Rossiya 2	TV		O
2156	ABS 2	75	12153	V	45000	2/3	NTV	TV		O
2157	ABS 2	75	12153	V	45000	2/3	5 Kanal	TV		O
2158	ABS 2	75	12153	V	45000	2/3	Rossiya K (0h)	TV		O
2159	ABS 2	75	12153	V	45000	2/3	Rossiya 24	TV		O
2160	ABS 2	75	12153	V	45000	2/3	OTR	TV		O
2161	ABS 2	75	12153	V	45000	2/3	TNT	TV		O
2162	ABS 2	75	12153	V	45000	2/3	Kanal Disney	TV		O
2163	ABS 2	75	12153	V	45000	2/3	TV Centr	TV		O
2164	ABS 2	75	12153	V	45000	2/3	TV 3	TV		O
2165	ABS 2	75	12153	V	45000	2/3	U	TV		O
2166	ABS 2	75	12153	V	45000	2/3	Pyatnitsa!	TV		O
2167	ABS 2	75	12153	V	45000	2/3	Telekanal 2x2	TV		O
2168	ABS 2	75	12153	V	45000	2/3	Telekanal Zvezda	TV		O
2169	ABS 2	75	12153	V	45000	2/3	Ru TV	TV		O
2170	ABS 2	75	12153	V	45000	2/3	Detskiy	TV		O
2171	ABS 2	75	12153	V	45000	2/3	365 dnei TV	TV		O
2172	ABS 2	75	12153	V	45000	2/3	La Minor	TV		O
2173	ABS 2	75	12153	V	45000	2/3	Boets	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
2174	ABS 2	75	12153	V	45000	2/3	Komedia TV	TV		O
2175	ABS 2	75	12153	V	45000	2/3	Russkaya Noch	TV		O
2176	ABS 2	75	12153	V	45000	2/3	Auto Plus	TV		O
2177	ABS 2	75	12153	V	45000	2/3	Candy TV	TV		O
2178	ABS 2	75	12153	V	45000	2/3	Mir 24	TV		O
2179	ABS 2	75	12153	V	45000	2/3	Radost Moya	TV		O
2180	ABS 2	75	12153	V	45000	2/3	Boomerang Russia	TV		O
2181	ABS 2	75	12153	V	45000	2/3	CandyMan TV	TV		O
2182	ABS 2	75	12153	V	45000	2/3	Sankt Peterburg	TV		O
2183	ABS 2	75	12153	V	45000	2/3	TRO	TV		O
2184	ABS 2	75	12153	V	45000	2/3	Humor TV	TV		O
2185	ABS 2	75	12227	V	45000	2/3	Telekanal 2x2 (+2h)	TV		O
2186	ABS 2	75	12227	V	45000	2/3	Telekanal Zvezda (+2h)	TV		O
2187	ABS 2	75	12227	V	45000	2/3	NTV (+7h)	TV		O
2188	ABS 2	75	12227	V	45000	2/3	NTV (+2h)	TV		O
2189	ABS 2	75	12227	V	45000	2/3	NTV (+4h)	TV		O
2190	ABS 2	75	12227	V	45000	2/3	Pyatnitsa! (+4h)	TV		O
2191	ABS 2	75	12227	V	45000	2/3	REN TV (+4h)	TV		O
2192	ABS 2	75	12227	V	45000	2/3	REN TV (+7h)	TV		O
2193	ABS 2	75	12227	V	45000	2/3	TV 3 (+2h)	TV		O
2194	ABS 2	75	12227	V	45000	2/3	TV Centr Dal'nii Vostok	TV		O
2195	ABS 2	75	12227	V	45000	2/3	TNT (+3h)	TV		O
2196	ABS 2	75	12227	V	45000	2/3	TNT (+7h)	TV		O
2197	ABS 2	75	12227	V	45000	2/3	U (+7h)	TV		O
2198	ABS 2	75	12227	V	45000	2/3	TNT (+2h)	TV		O
2199	ABS 2	75	12524	H	30000	1/2	TBN Asia	TV		O
2200	ABS 2	75	12524	H	30000	1/2	Smile of a Child TV (10.30-22.30)	TV		O
2201	ABS 2	75	12524	H	30000	1/2	Juce TV (22.30-10.30)	TV		O
2202	ABS 2	75	12524	H	30000	1/2	The Church Channel	TV		O
2203	ABS 2	75	12524	H	30000	1/2	Apostolic Oneness Network	TV		O
2204	ABS 2	75	12524	H	30000	1/2	Kanal 10 Asia	TV		O
2205	ABS 2	75	12524	H	30000	1/2	Jesus Christ TV Pakistan	TV		O
2206	ABS 2	75	12524	H	30000	1/2	RTM Asia	TV		O
2207	ABS 2	75	12524	H	30000	1/2	SBN (USA)	TV		O
2208	APSTAR 7	76.5	3629	H	1489	3/4	TV Filmy	TV		O
2209	APSTAR 7	76.5	3638	H	1600	3/5	Image Channel	TV		O
2210	APSTAR 7	76.5	3638	H	1600	3/5	Image 97.9 FM	R		O
2211	APSTAR 7	76.5	3642	H	3214	3/4	Kantipur TV	TV		O
2212	APSTAR 7	76.5	3642	H	3214	3/4	Kantipur FM	R		O
2213	APSTAR 7	76.5	3705	V	8888	2/3	GMA Pinoy TV Europe	TV		O
2214	APSTAR 7	76.5	3705	V	8888	2/3	GMA Life TV	TV		O
2215	APSTAR 7	76.5	3705	V	8888	2/3	GMA Pinoy TV Middle East	TV		O
2216	APSTAR 7	76.5	3705	V	8888	2/3	GMA News TV International	TV		O
2217	APSTAR 7	76.5	3705	V	8888	2/3	DZBB 594 Super Radyo	R		O
2218	APSTAR 7	76.5	3705	V	8888	2/3	Barangay LS 97.1	R		O
2219	APSTAR 7	76.5	3720	H	29620	3/4	Syfy Universal HD Asia	TV		O
2220	APSTAR 7	76.5	3720	H	29620	3/4	Diva 2	TV		O
2221	APSTAR 7	76.5	3720	H	29620	3/4	Universal Channel HD Asia	TV		O
2222	APSTAR 7	76.5	3720	H	29620	3/4	Diva Asia	TV		O
2223	APSTAR 7	76.5	3720	H	29620	3/4	E! Philippines	TV		O
2224	APSTAR 7	76.5	3720	H	29620	3/4	E! Asia & Pacific	TV		O
2225	APSTAR 7	76.5	3720	H	29620	3/4	Syfy Universal Taiwan	TV		O
2226	APSTAR 7	76.5	3720	H	29620	3/4	Universal Channel Taiwan	TV		O
2227	APSTAR 7	76.5	3720	H	29620	3/4	Diva Taiwan	TV		O
2228	APSTAR 7	76.5	3753	H	2400	3/4	Independent TV	TV		O
2229	APSTAR 7	76.5	3757	H	4440	3/4	Asian TV	TV		O
2230	APSTAR 7	76.5	3769	H	13333	5/6	BabyFirst TV	TV		O
2231	APSTAR 7	76.5	3769	H	13333	5/6	God TV Asia	TV	O	
2232	APSTAR 7	76.5	3769	H	13333	5/6	Apostolic Oneness Network	TV	O	
2233	APSTAR 7	76.5	3769	H	13333	5/6	Democratic Voice of Burma TV	TV	O	
2234	APSTAR 7	76.5	3769	H	13333	5/6	MediBiz TV	TV		O
2235	APSTAR 7	76.5	3769	H	13333	5/6	Bijoy TV	TV	O	
2236	APSTAR 7	76.5	3769	H	13333	5/6	Music Bangla TV	TV	O	
2237	APSTAR 7	76.5	3769	H	13333	5/6	T8WH Angel 5	R	O	
2238	APSTAR 7	76.5	3769	H	13333	5/6	T8WH Angel 4	R	O	
2239	APSTAR 7	76.5	3780	V	30000	3/4	RTL CBS Entertainment	TV		O
2240	APSTAR 7	76.5	3780	V	30000	3/4	SB TV tests	TV		O
2241	APSTAR 7	76.5	3780	V	30000	3/4	RTL CBS Entertainment	TV		O
2242	APSTAR 7	76.5	3780	V	30000	3/4	Now Baog	TV		O
2243	APSTAR 7	76.5	3780	V	30000	3/4	RTL CBS Extreme	TV		O
2244	APSTAR 7	76.5	3780	V	30000	3/4	Now TV	TV		O
2245	APSTAR 7	76.5	3787	H	4600	2/3	Ekushey TV	TV	O	
2246	APSTAR 7	76.5	3793	H	4443	3/4	Channel 9 (Bangladesh)	TV	O	
2247	APSTAR 7	76.5	3805	H	4800	3/4	Gazi TV	TV		O
2248	APSTAR 7	76.5	3812	H	2200	3/4	Maasranga TV	TV		O
2249	APSTAR 7	76.5	3815	H	3333	3/4	Channel 24 (Bangladesh)	TV	O	
2250	APSTAR 7	76.5	3824	H	2400	3/4	MNC International	TV		O
2251	APSTAR 7	76.5	3847	H	5356	7/8	SB TV tests	TV		O
2252	APSTAR 7	76.5	3880	H	28125	5/6	Disney Channel India	TV		O
2253	APSTAR 7	76.5	3880	H	28125	5/6	Disney XD India	TV		O
2254	APSTAR 7	76.5	3880	H	28125	5/6	Disney Channel Asia	TV		O
2255	APSTAR 7	76.5	3880	H	28125	5/6	Disney Junior Asia	TV		O
2256	APSTAR 7	76.5	3880	H	28125	5/6	Disney Junior Asia	TV		O
2257	APSTAR 7	76.5	3880	H	28125	5/6	Disney Channel Hong Kong	TV		O
2258	APSTAR 7	76.5	3880	H	28125	5/6	Disney Channel Asia	TV		O
2259	APSTAR 7	76.5	3880	H	28125	5/6	Disney Channel Hong Kong	TV		O
2260	APSTAR 7	76.5	3920	H	28340	5/6	AXN East Asia	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
2261	APSTAR 7	76.5	3920	H	28340	5/6	AXN India	TV		O
2262	APSTAR 7	76.5	3920	H	28340	5/6	AXN East Asia 2	TV		O
2263	APSTAR 7	76.5	3920	H	28340	5/6	Animax East Asia	TV		O
2264	APSTAR 7	76.5	3920	H	28340	5/6	Animax Hong Kong	TV		O
2265	APSTAR 7	76.5	3920	H	28340	5/6	Animax India	TV		O
2266	APSTAR 7	76.5	3920	H	28340	5/6	AXN Pakistan	TV		O
2267	APSTAR 7	76.5	3920	H	28340	5/6	BeTV Asia	TV		O
2268	APSTAR 7	76.5	3920	H	28340	5/6	Sony Channel Asia	TV		O
2269	APSTAR 7	76.5	3920	H	28340	5/6	AXN Taiwan	TV		O
2270	APSTAR 7	76.5	3920	H	28340	5/6	AXN Philippines	TV		O
2271	APSTAR 7	76.5	3920	H	28340	5/6	Animax Taiwan	TV		O
2272	APSTAR 7	76.5	3920	H	28340	5/6	Animax Philippines	TV		O
2273	APSTAR 7	76.5	3920	H	28340	5/6	Animax Hong Kong	TV		O
2274	APSTAR 7	76.5	3920	H	28340	5/6	Sony Channel Philippines	TV		O
2275	APSTAR 7	76.5	3932	V	1480	3/4	Mountain TV (Nepal)	TV		O
2276	APSTAR 7	76.5	3932	V	1480	3/4	Ujjaalo 90 Network	R		O
2277	APSTAR 7	76.5	3951	V	1480	3/4	Bhakti Darshan TV	TV		O
2278	APSTAR 7	76.5	3960	H	30000	3/4	HBO Asia	TV		O
2279	APSTAR 7	76.5	3960	H	30000	3/4	HBO South Asia	TV		O
2280	APSTAR 7	76.5	3960	H	30000	3/4	Cinemax Asia	TV		O
2281	APSTAR 7	76.5	3960	H	30000	3/4	HBO Malaysia	TV		O
2282	APSTAR 7	76.5	3960	H	30000	3/4	Cinemax Malaysia	TV		O
2283	APSTAR 7	76.5	3960	H	30000	3/4	HBO Taiwan	TV		O
2284	APSTAR 7	76.5	3960	H	30000	3/4	HBO Hits	TV		O
2285	APSTAR 7	76.5	3960	H	30000	3/4	HBO HD Asia	TV		O
2286	APSTAR 7	76.5	3960	H	30000	3/4	HBO Hits	TV		O
2287	APSTAR 7	76.5	3960	H	30000	3/4	HBO Asia	TV		O
2288	APSTAR 7	76.5	3985	H	3700	3/4	ATN Bangla	TV	O	
2289	APSTAR 7	76.5	3990	H	4300	3/4	SA TV	TV		O
2290	APSTAR 7	76.5	3998	H	3200	3/4	ATN News (Bangladesh)	TV	O	
2291	APSTAR 7	76.5	4003	H	4340	3/4	Mohona TV	TV	O	
2292	APSTAR 7	76.5	4009	H	4300	3/4	Boishakhi TV	TV	O	
2293	APSTAR 7	76.5	4016	H	4340	3/4	Desh TV	TV	O	
2294	APSTAR 7	76.5	4019	V	2222	2/3	Dhi TV (18-20)	TV		O
2295	APSTAR 7	76.5	4019	V	2222	2/3	Dhi FM	R		O
2296	APSTAR 7	76.5	4022	V	2961	1/2	VTV (Maldives)	TV	O	
2297	APSTAR 7	76.5	4022	V	2961	1/2	V FM	R	O	
2298	APSTAR 7	76.5	4026	H	4800	3/4	Gaan Bangla	TV		O
2299	APSTAR 7	76.5	4030	V	6312	1/2	TV Maldives	TV	O	
2300	APSTAR 7	76.5	4030	V	6312	1/2	Raajje FM	R	O	
2301	APSTAR 7	76.5	4034	H	4300	3/4	Channel I	TV	O	
2302	APSTAR 7	76.5	4038	H	1600	2/3	Channel One	TV		O
2303	APSTAR 7	76.5	4041	H	1600	2/3	Channel 13	TV		O
2304	APSTAR 7	76.5	4044	H	1600	2/3	Sun TV (Maldives)	TV		O
2305	APSTAR 7	76.5	4048	V	2450	2/3	CSN	TV		O
2306	APSTAR 7	76.5	4050	H	4300	3/4	Bangla Vision	TV	O	
2307	APSTAR 7	76.5	4056	H	3600	3/5	Kantipur TV	TV		O
2308	APSTAR 7	76.5	4056	H	3600	3/5	Kantipur Gold	TV		O
2309	APSTAR 7	76.5	4063	H	1250	3/4	Thinetha TV	TV		O
2310	APSTAR 7	76.5	4067	H	2500	3/4	Deepto TV tests	TV		O
2311	APSTAR 7	76.5	4079	H	1600	3/4	Raajje TV	TV		O
2312	APSTAR 7	76.5	4088	V	7750	5/6	Zee Studio	TV		O
2313	APSTAR 7	76.5	4088	V	7750	5/6	Zee Café	TV		O
2314	APSTAR 7	76.5	4088	V	7750	5/6	Z Living Asia	TV		O
2315	APSTAR 7	76.5	4104	H	5000	3/4	Ekattor TV	TV		O
2316	APSTAR 7	76.5	4110	H	4600	3/4	RTV (Bangladesh)	TV	O	
2317	APSTAR 7	76.5	4117	H	4285	3/4	NTV (Bangladesh)	TV	O	
2318	APSTAR 7	76.5	4125	H	4441	3/4	Somoy News TV	TV	O	
2319	APSTAR 7	76.5	4129	V	11395	3/4	BTV (Bangladesh)	TV		O
2320	APSTAR 7	76.5	4129	V	11395	3/4	BTV World	TV	O	
2321	APSTAR 7	76.5	4129	V	11395	3/4	Sangshad TV	TV	O	
2322	APSTAR 7	76.5	4131	H	3600	3/4	Jamuna TV	TV	O	
2323	APSTAR 7	76.5	4135	H	3333	3/4	My TV (Bangladesh)	TV	O	
2324	APSTAR 7	76.5	4151	H	14670	3/4	BBC Knowledge Asia	TV		O
2325	APSTAR 7	76.5	4151	H	14670	3/4	CBeebies Asia	TV		O
2326	APSTAR 7	76.5	4151	H	14670	3/4	BBC Entertainment Asia	TV		O
2327	APSTAR 7	76.5	4151	H	14670	3/4	BBC Lifestyle Asia	TV		O
2328	APSTAR 7	76.5	10973	V	24500	2/3	Sky Net Sports 4	TV		O
2329	APSTAR 7	76.5	10973	V	24500	2/3	Sky Net Sports 5	TV		O
2330	APSTAR 7	76.5	10973	V	24500	2/3	Sky Net Sports 6	TV		O
2331	APSTAR 7	76.5	10973	V	24500	2/3	Eurosport Asia	TV		O
2332	APSTAR 7	76.5	10973	V	24500	2/3	Sky News International	TV		O
2333	APSTAR 7	76.5	10973	V	24500	2/3	Fox News Channel	TV		O
2334	APSTAR 7	76.5	10973	V	24500	2/3	Eurosport News	TV		O
2335	APSTAR 7	76.5	10973	V	24500	2/3	Animax East Asia	TV		O
2336	APSTAR 7	76.5	10973	V	24500	2/3	AXN East Asia	TV		O
2337	APSTAR 7	76.5	10973	V	24500	2/3	Crime + Investigation Asia	TV		O
2338	APSTAR 7	76.5	10973	V	24500	2/3	FYI Asia	TV		O
2339	APSTAR 7	76.5	10973	V	24500	2/3	Da Vinci Learning	TV		O
2340	APSTAR 7	76.5	10973	V	24500	2/3	CNN International Asia Pacific	TV		O
2341	APSTAR 7	76.5	10973	V	24500	2/3	HBO Asia	TV		O
2342	APSTAR 7	76.5	10973	V	24500	2/3	Cinemax Asia	TV		O
2343	APSTAR 7	76.5	10973	V	24500	2/3	Sun TV (India)	TV		O
2344	APSTAR 7	76.5	11010	V	30000	2/3	Fight Sports	TV		O
2345	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Sports HD	TV		O
2346	APSTAR 7	76.5	11010	V	30000	2/3	MTV Live HD	TV		O
2347	APSTAR 7	76.5	11010	V	30000	2/3	Discovery HD World South East Asia	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
2348	APSTAR 7	76.5	11010	V	30000	2/3	HBO HD Asia	TV		O
2349	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Movies HD	TV		O
2350	APSTAR 7	76.5	11010	V	30000	2/3	Universal Channel Asia	TV		O
2351	APSTAR 7	76.5	11010	V	30000	2/3	History HD Asia	TV		O
2352	APSTAR 7	76.5	11010	V	30000	2/3	Fox Action Movies	TV		O
2353	APSTAR 7	76.5	11010	V	30000	2/3	Buddha	TV		O
2354	APSTAR 7	76.5	11010	V	30000	2/3	MRTV	TV		O
2355	APSTAR 7	76.5	11010	V	30000	2/3	MRTV Entertainment	TV		O
2356	APSTAR 7	76.5	11010	V	30000	2/3	Myanmar International	TV		O
2357	APSTAR 7	76.5	11010	V	30000	2/3	MN TV	TV		O
2358	APSTAR 7	76.5	11010	V	30000	2/3	Channel 9	TV		O
2359	APSTAR 7	76.5	11010	V	30000	2/3	Cartoon Network Asia	TV		O
2360	APSTAR 7	76.5	11010	V	30000	2/3	Nick Jr Asia	TV		O
2361	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Cartoon	TV		O
2362	APSTAR 7	76.5	11010	V	30000	2/3	Baby TV Asia	TV		O
2363	APSTAR 7	76.5	11010	V	30000	2/3	Nickelodeon South East Asia	TV		O
2364	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Hadaya	TV		O
2365	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Myanmar Movies	TV		O
2366	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Myanmar Art	TV		O
2367	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Asian Movies	TV		O
2368	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net World Movies	TV		O
2369	APSTAR 7	76.5	11010	V	30000	2/3	Fox Movies Premium	TV		O
2370	APSTAR 7	76.5	11010	V	30000	2/3	Fox Family Movies	TV		O
2371	APSTAR 7	76.5	11010	V	30000	2/3	Zee Premier	TV		O
2372	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Music	TV		O
2373	APSTAR 7	76.5	11010	V	30000	2/3	Channel V International	TV		O
2374	APSTAR 7	76.5	11010	V	30000	2/3	Nat Geo Music	TV		O
2375	APSTAR 7	76.5	11010	V	30000	2/3	Zing Asia	TV		O
2376	APSTAR 7	76.5	11010	V	30000	2/3	MTV China	TV		O
2377	APSTAR 7	76.5	11010	V	30000	2/3	MTV South East Asia	TV		O
2378	APSTAR 7	76.5	11010	V	30000	2/3	Sky Net Teens	TV		O
2379	APSTAR 7	76.5	11010	V	30000	2/3	Fashion One Asia	TV		O
2380	APSTAR 7	76.5	11105	V	45000	2/3	Discovery Kids South East Asia	TV		O
2381	APSTAR 7	76.5	11105	V	45000	2/3	Motorvision TV	TV		O
2382	APSTAR 7	76.5	11105	V	45000	2/3	Sky Net World Drama	TV		O
2383	APSTAR 7	76.5	11105	V	45000	2/3	Sky Net International Drama	TV		O
2384	APSTAR 7	76.5	11105	V	45000	2/3	Zee TV Asia Pacific	TV		O
2385	APSTAR 7	76.5	11105	V	45000	2/3	Fox Crime Asia	TV		O
2386	APSTAR 7	76.5	11105	V	45000	2/3	Star World Asia	TV		O
2387	APSTAR 7	76.5	11105	V	45000	2/3	FX Asia	TV		O
2388	APSTAR 7	76.5	11105	V	45000	2/3	Channel M	TV		O
2389	APSTAR 7	76.5	11105	V	45000	2/3	KBS World	TV		O
2390	APSTAR 7	76.5	11105	V	45000	2/3	Arirang World	TV		O
2391	APSTAR 7	76.5	11105	V	45000	2/3	NHK World Premium	TV		O
2392	APSTAR 7	76.5	11105	V	45000	2/3	NHK World TV	TV		O
2393	APSTAR 7	76.5	11105	V	45000	2/3	CCTV News	TV		O
2394	APSTAR 7	76.5	11105	V	45000	2/3	CCTV 4 Asia	TV		O
2395	APSTAR 7	76.5	11105	V	45000	2/3	CCTV 9 Documentary	TV		O
2396	APSTAR 7	76.5	11105	V	45000	2/3	CNBC Asia-Pacific	TV		O
2397	APSTAR 7	76.5	11105	V	45000	2/3	Bloomberg TV Asia	TV		O
2398	APSTAR 7	76.5	11105	V	45000	2/3	Fox Sports News Asia	TV		O
2399	APSTAR 7	76.5	11105	V	45000	2/3	Star Chinese Movies South East Asia	TV		O
2400	APSTAR 7	76.5	11105	V	45000	2/3	Channel NewsAsia	TV		O
2401	APSTAR 7	76.5	11105	V	45000	2/3	DW	TV		O
2402	APSTAR 7	76.5	11105	V	45000	2/3	TVE Internacional Asia	TV		O
2403	APSTAR 7	76.5	11105	V	45000	2/3	Phoenix InfoNews Channel	TV		O
2404	APSTAR 7	76.5	11105	V	45000	2/3	Sky Net Sports 1	TV		O
2405	APSTAR 7	76.5	11105	V	45000	2/3	Sky Net Sports 2	TV		O
2406	APSTAR 7	76.5	11105	V	45000	2/3	Sky Net Sports 3	TV		O
2407	APSTAR 7	76.5	11105	V	45000	2/3	Fox Sports Asia	TV		O
2408	APSTAR 7	76.5	11105	V	45000	2/3	Fox Sports 2 Asia	TV		O
2409	APSTAR 7	76.5	11105	V	45000	2/3	Fox Sports 3 Asia	TV		O
2410	APSTAR 7	76.5	11105	V	45000	2/3	All Sports Network	TV		O
2411	APSTAR 7	76.5	11105	V	45000	2/3	Golf Channel Asia	TV		O
2412	APSTAR 7	76.5	11105	V	45000	2/3	MCOT 1	TV		O
2413	APSTAR 7	76.5	11167	V	45000	2/3	Sky Net Knowledge	TV		O
2414	APSTAR 7	76.5	11167	V	45000	2/3	National Geographic Channel Asia	TV		O
2415	APSTAR 7	76.5	11167	V	45000	2/3	Nat Geo Wild Asia	TV		O
2416	APSTAR 7	76.5	11167	V	45000	2/3	Nat Geo People Asia	TV		O
2417	APSTAR 7	76.5	11167	V	45000	2/3	Animal Planet South East Asia	TV		O
2418	APSTAR 7	76.5	11167	V	45000	2/3	Discovery Channel South East Asia	TV		O
2419	APSTAR 7	76.5	11167	V	45000	2/3	TLC South East Asia	TV		O
2420	APSTAR 7	76.5	11167	V	45000	2/3	Eve	TV		O
2421	APSTAR 7	76.5	11167	V	45000	2/3	Discovery Science Channel South East Asia	TV		O
2422	APSTAR 7	76.5	11167	V	45000	2/3	DMAX Southeast Asia	TV		O
2423	APSTAR 7	76.5	11167	V	45000	2/3	Discovery Kids South East Asia	TV		O
2424	APSTAR 7	76.5	11167	V	45000	2/3	Hlttaw Channel	TV		O
2425	APSTAR 7	76.5	11167	V	45000	2/3	ITV Choice	TV		O
2426	APSTAR 7	76.5	11167	V	45000	2/3	Sky Net Up to Date	TV		O
2427	APSTAR 7	76.5	11167	V	45000	2/3	Comedy Central Asia	TV		O
2428	APSTAR 7	76.5	11167	V	45000	2/3	Screen Red	TV		O
2429	APSTAR 7	76.5	11167	V	45000	2/3	Outdoor Channel International	TV		O
2430	APSTAR 7	76.5	11167	V	45000	2/3	BBC Entertainment Asia	TV		O
2431	APSTAR 7	76.5	11167	V	45000	2/3	CBeebies Asia	TV		O
2432	APSTAR 7	76.5	11167	V	45000	2/3	BBC World News South Asia	TV		O
2433	APSTAR 7	76.5	11167	V	45000	2/3	Travel Channel Asia	TV		O
2434	APSTAR 7	76.5	11167	V	45000	2/3	Edge Sport	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
2435	APSTAR 7	76.5	11167	V	45000	2/3	Motorvision TV	TV		O
2436	APSTAR 7	76.5	11167	V	45000	2/3	H2 Asia	TV		O
2437	APSTAR 7	76.5	11167	V	45000	2/3	Lifetime Asia	TV		O
2438	APSTAR 7	76.5	11167	V	45000	2/3	Diva Asia	TV		O
2439	APSTAR 7	76.5	11167	V	45000	2/3	E! Asia & Pacific	TV		O
2440	APSTAR 7	76.5	11167	V	45000	2/3	Kyan Mar Yay	TV		O
2441	APSTAR 7	76.5	11167	V	45000	2/3	Tine Yin Thar	TV		O
2442	APSTAR 7	76.5	11167	V	45000	2/3	Police Channel	TV		O
2443	APSTAR 7	76.5	12558	V	5000	3/4	APS TV	TV		O
2444	APSTAR 7	76.5	12604	V	30000	3/4	Videoland Sports	TV		O
2445	APSTAR 7	76.5	12604	V	30000	3/4	ETTV Asia	TV		O
2446	APSTAR 7	76.5	12604	V	30000	3/4	CTV (Taiwan)	TV		O
2447	APSTAR 7	76.5	12604	V	30000	3/4	Beautiful Life TV	TV		O
2448	APSTAR 7	76.5	12604	V	30000	3/4	Da Ai TV	TV		O
2449	APSTAR 7	76.5	12604	V	30000	3/4	TTV (Taiwan)	TV		O
2450	APSTAR 7	76.5	12604	V	30000	3/4	CTV (Taiwan)	TV		O
2451	APSTAR 7	76.5	12604	V	30000	3/4	CTS (Taiwan)	TV		O
2452	APSTAR 7	76.5	12604	V	30000	3/4	FTV (Taiwan)	TV		O
2453	APSTAR 7	76.5	12604	V	30000	3/4	Smart Knowledge Channel	TV		O
2454	APSTAR 7	76.5	12604	V	30000	3/4	Asia Travel TV	TV		O
2455	APSTAR 7	76.5	12604	V	30000	3/4	Much TV	TV		O
2456	APSTAR 7	76.5	12604	V	30000	3/4	Disney Channel Taiwan	TV		O
2457	APSTAR 7	76.5	12604	V	30000	3/4	Yoyo TV	TV		O
2458	APSTAR 7	76.5	12604	V	30000	3/4	Cybercast Charm Net	TV		O
2459	APSTAR 7	76.5	12604	V	30000	3/4	Cybercast Tennis TV	TV		O
2460	APSTAR 7	76.5	12604	V	30000	3/4	Cybercast Football TV	TV		O
2461	APSTAR 7	76.5	12604	V	30000	3/4	Cybercast Golf TV	TV		O
2462	APSTAR 7	76.5	12604	V	30000	3/4	Cybercast Golf TV	TV		O
2463	APSTAR 7	76.5	12604	V	30000	3/4	BabyFirst TV	TV		O
2464	APSTAR 7	76.5	12604	V	30000	3/4	FTV News	TV		O
2465	APSTAR 7	76.5	12604	V	30000	3/4	SET News	TV		O
2466	APSTAR 7	76.5	12604	V	30000	3/4	ERA News (Taiwan)	TV		O
2467	APSTAR 7	76.5	12604	V	30000	3/4	ETTV News	TV		O
2468	APSTAR 7	76.5	12604	V	30000	3/4	CTI TV News	TV		O
2469	APSTAR 7	76.5	12604	V	30000	3/4	TVBS News	TV		O
2470	APSTAR 7	76.5	12638	V	15000	3/4	CCTV 1	TV		O
2471	APSTAR 7	76.5	12638	V	15000	3/4	CCTV 2	TV		O
2472	APSTAR 7	76.5	12638	V	15000	3/4	CCTV 13	TV		O
2473	APSTAR 7	76.5	12638	V	15000	3/4	Hunan TV	TV		O
2474	APSTAR 7	76.5	12638	V	15000	3/4	Jiangsu TV	TV		O
2475	APSTAR 7	76.5	12638	V	15000	3/4	Zhejiang TV	TV		O
2476	APSTAR 7	76.5	12638	V	15000	3/4	Shenzhen TV	TV		O
2477	APSTAR 7	76.5	12638	V	15000	3/4	Phoenix InfoNews Channel	TV		O
2478	APSTAR 7	76.5	12638	V	15000	3/4	Phoenix Chinese Channel	TV		O
2479	APSTAR 7	76.5	12638	V	15000	3/4	CCTV 4 Asia	TV		O
2480	APSTAR 7	76.5	12638	V	15000	3/4	CETV 1	TV		O
2481	APSTAR 7	76.5	12638	V	15000	3/4	CNC Chinese	TV		O
2482	APSTAR 7	76.5	12638	V	15000	3/4	HKS TV	TV		O
2483	APSTAR 7	76.5	12638	V	15000	3/4	Love TV (China)	TV		O
2484	APSTAR 7	76.5	12719	V	45000	3/4	CTI TV Asia	TV		O
2485	APSTAR 7	76.5	12719	V	45000	3/4	CTI TV Entertainment	TV		O
2486	APSTAR 7	76.5	12719	V	45000	3/4	TVBS	TV		O
2487	APSTAR 7	76.5	12719	V	45000	3/4	Unique Business News	TV		O
2488	APSTAR 7	76.5	12719	V	45000	3/4	Global Business	TV		O
2489	APSTAR 7	76.5	12719	V	45000	3/4	ETTV Variety	TV		O
2490	APSTAR 7	76.5	12719	V	45000	3/4	BBC World News Asia Pacific (Mon-Fri 06-19 & Sat-Sun 06-17)	TV		O
2491	APSTAR 7	76.5	12719	V	45000	3/4	Global News	TV		O
2492	APSTAR 7	76.5	12719	V	45000	3/4	LTV Movies	TV		O
2493	APSTAR 7	76.5	12719	V	45000	3/4	ETTV Foreign Movie	TV		O
2494	APSTAR 7	76.5	12719	V	45000	3/4	Hollywood Movie Channel	TV		O
2495	APSTAR 7	76.5	12719	V	45000	3/4	Videoland Movie	TV		O
2496	APSTAR 7	76.5	12719	V	45000	3/4	ETTV Movie	TV		O
2497	APSTAR 7	76.5	12719	V	45000	3/4	Videoland Drama	TV		O
2498	APSTAR 7	76.5	12719	V	45000	3/4	ETTV Drama	TV		O
2499	APSTAR 7	76.5	12719	V	45000	3/4	LTV Drama	TV		O
2500	APSTAR 7	76.5	12719	V	45000	3/4	LTV Idol	TV		O
2501	APSTAR 7	76.5	12719	V	45000	3/4	GoldSun TV	TV		O
2502	APSTAR 7	76.5	12719	V	45000	3/4	Videoland Japan	TV		O
2503	APSTAR 7	76.5	12719	V	45000	3/4	Videoland ONTV	TV		O
2504	APSTAR 7	76.5	12719	V	45000	3/4	CTI TV Variety	TV		O
2505	APSTAR 7	76.5	12719	V	45000	3/4	SET Taiwan	TV		O
2506	APSTAR 7	76.5	12719	V	45000	3/4	CCTV 1	TV		O
2507	APSTAR 7	76.5	12719	V	45000	3/4	CCTV 3	TV		O
2508	APSTAR 7	76.5	12719	V	45000	3/4	CCTV 6	TV		O
2509	APSTAR 7	76.5	12719	V	45000	3/4	CCTV 5	TV		O
2510	APSTAR 7	76.5	12719	V	45000	3/4	CCTV 7	TV		O
2511	APSTAR 7	76.5	12719	V	45000	3/4	CCTV 8	TV		O
2512	APSTAR 7	76.5	12719	V	45000	3/4	Zhujiang TV	TV		O
2513	APSTAR 7	76.5	12719	V	45000	3/4	Guangxi TV	TV		O
2514	APSTAR 7	76.5	12719	V	45000	3/4	MTV Taiwan (05-19)	TV		O
2515	APSTAR 7	76.5	12719	V	45000	3/4	Videoland Sports	TV		O
2516	APSTAR 7	76.5	12719	V	45000	3/4	All Sports Network 2	TV		O
2517	APSTAR 7	76.5	12719	V	45000	3/4	Phoenix Chinese Channel	TV		O
2518	APSTAR 7	76.5	12719	V	45000	3/4	Phoenix InfoNews Channel	TV		O
2519	APSTAR 7	76.5	12719	V	45000	3/4	Golden TV (Taiwan)	TV		O
2520	APSTAR 7	76.5	12719	V	45000	3/4	Sonsee TV 1	TV		O
2521	APSTAR 7	76.5	12719	V	45000	3/4	Sonsee TV 2	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
2522	APSTAR 7	76.5	12719	V	45000	3/4	Sonsee TV 3	TV		O
2523	APSTAR 7	76.5	12719	V	45000	3/4	Sonsee TV 4	TV		O
2524	APSTAR 7	76.5	12719	V	45000	3/4	Asian Food Channel	TV		O
2525	APSTAR 7	76.5	12719	V	45000	3/4	Jiangsu TV	TV		O
2526	APSTAR 7	76.5	12719	V	45000	3/4	Hunan TV	TV		O
2527	THAICOM 5	78.5	3408	V	2916	3/4	LNTV 1	TV		O
2528	THAICOM 5	78.5	3414	V	2916	3/4	Lao Star	TV		O
2529	THAICOM 5	78.5	3418	V	3750	3/4	TV Lao	TV		O
2530	THAICOM 5	78.5	3422	V	2222	3/4	Lao Public Security TV	TV		O
2531	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand AM 891	R		O
2532	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand AM 819	R		O
2533	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand FM 92.5	R		O
2534	THAICOM 5	78.5	3425	V	2592	1/2	Bangkok AM 1467	R		O
2535	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand	R		O
2536	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand AM 918	R		O
2537	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand AM 891	R		O
2538	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand AM 819	R		O
2539	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand AM 837	R		O
2540	THAICOM 5	78.5	3425	V	2592	1/2	Bangkok Radio Live	R		O
2541	THAICOM 5	78.5	3425	V	2592	1/2	Radio Thailand FM 105	R		O
2542	THAICOM 5	78.5	3425	V	2592	1/2	Bangkok Radio Live	R		O
2543	THAICOM 5	78.5	3433	V	5000	3/4	MV Lao TV	TV		O
2544	THAICOM 5	78.5	3438	V	2915	3/4	LNTV 3	TV		O
2545	THAICOM 5	78.5	3440	H	26666	3/4	TVD Shop	TV	O	
2546	THAICOM 5	78.5	3440	H	26666	3/4	Beauty TV Thailand	TV	O	
2547	THAICOM 5	78.5	3440	H	26666	3/4	Meekhun TV	TV	O	
2548	THAICOM 5	78.5	3440	H	26666	3/4	Hit station	TV	O	
2549	THAICOM 5	78.5	3440	H	26666	3/4	Love TV (Thailand)	TV	O	
2550	THAICOM 5	78.5	3440	H	26666	3/4	Metro TV (Thailand)	TV	O	
2551	THAICOM 5	78.5	3440	H	26666	3/4	Hi Channel (Thailand)	TV	O	
2552	THAICOM 5	78.5	3440	H	26666	3/4	Kaset 24 hours	TV	O	
2553	THAICOM 5	78.5	3440	H	26666	3/4	Kaset Nano Channel	TV	O	
2554	THAICOM 5	78.5	3440	H	26666	3/4	Kaset Ramruay Channel	TV	O	
2555	THAICOM 5	78.5	3440	H	26666	3/4	Korkaew Channel	TV	O	
2556	THAICOM 5	78.5	3440	H	26666	3/4	Oom Maharuai TV	TV	O	
2557	THAICOM 5	78.5	3440	H	26666	3/4	Champ Channel	TV	O	
2558	THAICOM 5	78.5	3440	H	26666	3/4	Goodfilms TV	TV	O	
2559	THAICOM 5	78.5	3440	H	26666	3/4	TVD Shop	TV		O
2560	THAICOM 5	78.5	3440	H	26666	3/4	GCI O Shopping	TV		O
2561	THAICOM 5	78.5	3441	V	1556	3/4	News 24 (Nepal)	TV		O
2562	THAICOM 5	78.5	3444	V	1630	3/4	Sagarmatha TV	TV		O
2563	THAICOM 5	78.5	3449	V	2915	3/4	LNTV 3	TV		O
2564	THAICOM 5	78.5	3454	V	3333	3/4	Avenues TV	TV		O
2565	THAICOM 5	78.5	3457	V	2857	3/4	Panyapiwat TV 1	TV		O
2566	THAICOM 5	78.5	3457	V	2857	3/4	Panyapiwat TV 2	TV		O
2567	THAICOM 5	78.5	3462	V	2857	3/4	Panyapiwat TV 1	TV		O
2568	THAICOM 5	78.5	3462	V	2857	3/4	Panyapiwat TV 2	TV		O
2569	THAICOM 5	78.5	3480	H	30000	5/6	R Film	TV		O
2570	THAICOM 5	78.5	3480	H	30000	5/6	Miti 4	TV		O
2571	THAICOM 5	78.5	3480	H	30000	5/6	Pop TV	TV		O
2572	THAICOM 5	78.5	3480	H	30000	5/6	PB Channel	TV		O
2573	THAICOM 5	78.5	3480	H	30000	5/6	Giffarine Channel	TV		O
2574	THAICOM 5	78.5	3480	H	30000	5/6	World Buddhist TV	TV		O
2575	THAICOM 5	78.5	3480	H	30000	5/6	Ping Channel	TV		O
2576	THAICOM 5	78.5	3480	H	30000	5/6	Topline TV	TV		O
2577	THAICOM 5	78.5	3480	H	30000	5/6	V Like Channel	TV		O
2578	THAICOM 5	78.5	3480	H	30000	5/6	White Channel	TV		O
2579	THAICOM 5	78.5	3480	H	30000	5/6	Dara Channel	TV		O
2580	THAICOM 5	78.5	3480	H	30000	5/6	Sanook TV	TV		O
2581	THAICOM 5	78.5	3480	H	30000	5/6	JC TV	TV		O
2582	THAICOM 5	78.5	3480	H	30000	5/6	Umm TV	TV		O
2583	THAICOM 5	78.5	3480	H	30000	5/6	Thai Chaayo	TV		O
2584	THAICOM 5	78.5	3480	H	30000	5/6	Hero Channel	TV		O
2585	THAICOM 5	78.5	3480	H	30000	5/6	T News TV	TV		O
2586	THAICOM 5	78.5	3480	H	30000	5/6	Suwannabhumi Channel	TV		O
2587	THAICOM 5	78.5	3480	H	30000	5/6	Hero Channel	TV		O
2588	THAICOM 5	78.5	3480	H	30000	5/6	Zabb Channel tests	TV		O
2589	THAICOM 5	78.5	3520	H	28125	3/4	MCOT HD	TV		O
2590	THAICOM 5	78.5	3520	H	28125	3/4	MCOT World	TV		O
2591	THAICOM 5	78.5	3520	H	28125	3/4	1 TV	TV		O
2592	THAICOM 5	78.5	3520	H	28125	3/4	Dharma TV	TV		O
2593	THAICOM 5	78.5	3520	H	28125	3/4	MCOT 1	TV		O
2594	THAICOM 5	78.5	3520	H	28125	3/4	Most Channel	TV		O
2595	THAICOM 5	78.5	3520	H	28125	3/4	STOU Channel	TV		O
2596	THAICOM 5	78.5	3520	H	28125	3/4	Aonzon TV	TV	O	
2597	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio 95 FM	R	O	
2598	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio 96.5 FM	R	O	
2599	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio Seed 97.5 FM	R	O	
2600	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio Active 99	R	O	
2601	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio FM 100.5 News Network	R	O	
2602	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio Met 107	R	O	
2603	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio AM 1143	R	O	
2604	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio AM 1494	R	O	
2605	THAICOM 5	78.5	3520	H	28125	3/4	Modern Radio Sukhothai FM	R	O	
2606	THAICOM 5	78.5	3545	V	30000	5/6	Moradokthai	TV		O
2607	THAICOM 5	78.5	3545	V	30000	5/6	SBB TV	TV		O
2608	THAICOM 5	78.5	3545	V	30000	5/6	Media Channel	TV		O

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2609	THAICOM 5	78.5	3545	V	30000	5/6	TV Muslim Thailand	TV		O
2610	THAICOM 5	78.5	3545	V	30000	5/6	Mongkol Channel	TV		O
2611	THAICOM 5	78.5	3545	V	30000	5/6	Bangkok Channel	TV		O
2612	THAICOM 5	78.5	3545	V	30000	5/6	Siamturakij	TV		O
2613	THAICOM 5	78.5	3545	V	30000	5/6	AJP	TV		O
2614	THAICOM 5	78.5	3545	V	30000	5/6	Man TV	TV		O
2615	THAICOM 5	78.5	3545	V	30000	5/6	K Channel (Thailand)	TV		O
2616	THAICOM 5	78.5	3545	V	30000	5/6	SMM TV	TV		O
2617	THAICOM 5	78.5	3545	V	30000	5/6	Dara Daily	TV		O
2618	THAICOM 5	78.5	3545	V	30000	5/6	TCC TV	TV		O
2619	THAICOM 5	78.5	3545	V	30000	5/6	Travel & Beyond	TV		O
2620	THAICOM 5	78.5	3545	V	30000	5/6	Grace TV (Thailand)	TV		O
2621	THAICOM 5	78.5	3545	V	30000	5/6	In TV (Thailand)	TV		O
2622	THAICOM 5	78.5	3545	V	30000	5/6	Jewelry Channel	TV		O
2623	THAICOM 5	78.5	3545	V	30000	5/6	Saha Channel	TV		O
2624	THAICOM 5	78.5	3545	V	30000	5/6	Happy Home TV	TV		O
2625	THAICOM 5	78.5	3545	V	30000	5/6	Smart SME	TV		O
2626	THAICOM 5	78.5	3545	V	30000	5/6	Vetee Thai	TV		O
2627	THAICOM 5	78.5	3545	V	30000	5/6	THV	TV		O
2628	THAICOM 5	78.5	3545	V	30000	5/6	Sangathan FM	R		O
2629	THAICOM 5	78.5	3545	V	30000	5/6	Radio Police	R		O
2630	THAICOM 5	78.5	3545	V	30000	5/6	Nation Radio FM 90.5	R		O
2631	THAICOM 5	78.5	3545	V	30000	5/6	Like 103 FM	R		O
2632	THAICOM 5	78.5	3545	V	30000	5/6	MOL Radio	R		O
2633	THAICOM 5	78.5	3551	H	13333	3/4	Fashion One Asia	TV	O	
2634	THAICOM 5	78.5	3563	H	5555	3/5	Nepal TV	TV		O
2635	THAICOM 5	78.5	3563	H	5555	3/5	NTV Plus	TV		O
2636	THAICOM 5	78.5	3563	H	5555	3/5	NTV News	TV		O
2637	THAICOM 5	78.5	3563	H	5555	3/5	Nepal FM	R		O
2638	THAICOM 5	78.5	3574	H	6510	3/4	Press TV	TV	O	
2639	THAICOM 5	78.5	3574	H	6510	3/4	iFilm English	TV	O	
2640	THAICOM 5	78.5	3585	V	30000	5/6	Major Channel Mix	TV		O
2641	THAICOM 5	78.5	3585	V	30000	5/6	Hit station	TV		O
2642	THAICOM 5	78.5	3585	V	30000	5/6	Health & Family Channel	TV		O
2643	THAICOM 5	78.5	3585	V	30000	5/6	Five Channel	TV		O
2644	THAICOM 5	78.5	3585	V	30000	5/6	Star Channel (Thailand)	TV		O
2645	THAICOM 5	78.5	3585	V	30000	5/6	Major Channel Asian	TV		O
2646	THAICOM 5	78.5	3585	V	30000	5/6	Yateem TV	TV		O
2647	THAICOM 5	78.5	3585	V	30000	5/6	Nhang Channel	TV		O
2648	THAICOM 5	78.5	3585	V	30000	5/6	Peace TV	TV		O
2649	THAICOM 5	78.5	3585	V	30000	5/6	Gift Channel	TV		O
2650	THAICOM 5	78.5	3585	V	30000	5/6	OK TV (Thailand)	TV		O
2651	THAICOM 5	78.5	3585	V	30000	5/6	Sexy Channel	TV		O
2652	THAICOM 5	78.5	3585	V	30000	5/6	MGTV	TV		O
2653	THAICOM 5	78.5	3585	V	30000	5/6	Mystery Channel	TV		O
2654	THAICOM 5	78.5	3585	V	30000	5/6	Bangkok Channel	TV		O
2655	THAICOM 5	78.5	3585	V	30000	5/6	AJP	TV		O
2656	THAICOM 5	78.5	3585	V	30000	5/6	Melo TV	TV		O
2657	THAICOM 5	78.5	3585	V	30000	5/6	Media News	TV		O
2658	THAICOM 5	78.5	3585	V	30000	5/6	Ok Hook FM	R		O
2659	THAICOM 5	78.5	3585	V	30000	5/6	Ok Love FM	R		O
2660	THAICOM 5	78.5	3585	V	30000	5/6	Ok Luktung FM	R		O
2661	THAICOM 5	78.5	3585	V	30000	5/6	Radio Society	R		O
2662	THAICOM 5	78.5	3585	V	30000	5/6	Ujjaalo 90 Network	R		O
2663	THAICOM 5	78.5	3600	H	26667	3/4	Thai TV Global Network	TV	O	
2664	THAICOM 5	78.5	3600	H	26667	3/4	The Living Show	TV		O
2665	THAICOM 5	78.5	3600	H	26667	3/4	Gen C	TV		O
2666	THAICOM 5	78.5	3600	H	26667	3/4	VTV 4	TV	O	
2667	THAICOM 5	78.5	3600	H	26667	3/4	News 1	TV		O
2668	THAICOM 5	78.5	3600	H	26667	3/4	DDTV (Thailand)	TV		O
2669	THAICOM 5	78.5	3600	H	26667	3/4	N Channel	TV		O
2670	THAICOM 5	78.5	3600	H	26667	3/4	Nice Channel	TV		O
2671	THAICOM 5	78.5	3600	H	26667	3/4	Zaa Network	TV		O
2672	THAICOM 5	78.5	3600	H	26667	3/4	TV 24 (Thailand)	TV		O
2673	THAICOM 5	78.5	3600	H	26667	3/4	H Plus Channel	TV		O
2674	THAICOM 5	78.5	3600	H	26667	3/4	Dhamma Media Channel	TV		O
2675	THAICOM 5	78.5	3600	H	26667	3/4	Variety Hit	TV		O
2676	THAICOM 5	78.5	3600	H	26667	3/4	Vetee Thai	TV		O
2677	THAICOM 5	78.5	3600	H	26667	3/4	Dara Channel	TV		O
2678	THAICOM 5	78.5	3600	H	26667	3/4	94 EFM	R	O	
2679	THAICOM 5	78.5	3600	H	26667	3/4	Culture Wave FM	R	O	
2680	THAICOM 5	78.5	3607	V	1555	3/4	Himalaya TV	TV		O
2681	THAICOM 5	78.5	3610	V	2222	3/4	MV Lao TV	TV		O
2682	THAICOM 5	78.5	3640	H	28066	3/4	NetViet	TV	O	
2683	THAICOM 5	78.5	3640	H	28066	3/4	CTN (USA)	TV	O	
2684	THAICOM 5	78.5	3640	H	28066	3/4	The Word Network	TV	O	
2685	THAICOM 5	78.5	3640	H	28066	3/4	BNV TV Azië	TV	O	
2686	THAICOM 5	78.5	3640	H	28066	3/4	Emmanuel TV	TV	O	
2687	THAICOM 5	78.5	3640	H	28066	3/4	SVT World	TV		O
2688	THAICOM 5	78.5	3640	H	28066	3/4	Daystar TV	TV	O	
2689	THAICOM 5	78.5	3640	H	28066	3/4	Horn Cable TV	TV	O	
2690	THAICOM 5	78.5	3640	H	28066	3/4	Somali National TV	TV	O	
2691	THAICOM 5	78.5	3640	H	28066	3/4	Universal TV	TV	O	
2692	THAICOM 5	78.5	3640	H	28066	3/4	SBN (USA)	TV	O	
2693	THAICOM 5	78.5	3640	H	28066	3/4	ESTV	TV	O	
2694	THAICOM 5	78.5	3640	H	28066	3/4	Royal TV (UK)	TV	O	
2695	THAICOM 5	78.5	3640	H	28066	3/4	Star TV (UK)	TV	O	

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2696	THAICOM 5	78.5	3640	H	28066	3/4	Somaliland National TV (Qatar)	TV	○	
2697	THAICOM 5	78.5	3640	H	28066	3/4	Kalsan TV	TV	○	
2698	THAICOM 5	78.5	3640	H	28066	3/4	Puntland TV	TV	○	
2699	THAICOM 5	78.5	3640	H	28066	3/4	TV Oromiyaa	TV	○	
2700	THAICOM 5	78.5	3640	H	28066	3/4	Somali Channel	TV	○	
2701	THAICOM 5	78.5	3640	H	28066	3/4	SBC International	R	○	
2702	THAICOM 5	78.5	3640	H	28066	3/4	VRT Radio 1	R	○	
2703	THAICOM 5	78.5	3640	H	28066	3/4	The Overcomer	R	○	
2704	THAICOM 5	78.5	3640	H	28066	3/4	Radio Hargeisa	R	○	
2705	THAICOM 5	78.5	3640	H	28066	3/4	Radio Mogadisho	R	○	
2706	THAICOM 5	78.5	3640	H	28066	3/4	Radio Bar Kulan	R	○	
2707	THAICOM 5	78.5	3640	H	28066	3/4	Radio Sweden	R	○	
2708	THAICOM 5	78.5	3640	H	28066	3/4	SR P4	R	○	
2709	THAICOM 5	78.5	3641	V	2500	3/5	TV Lao	TV		○
2710	THAICOM 5	78.5	3644	V	2222	2/3	Dhi TV (18-20)	TV		○
2711	THAICOM 5	78.5	3665	H	3704	3/4	TVK (Cambodia)	TV	○	
2712	THAICOM 5	78.5	3665	H	3704	3/4	Radio Cambodia	R	○	
2713	THAICOM 5	78.5	3665	H	3704	3/4	Radio Cambodia	R	○	
2714	THAICOM 5	78.5	3696	H	4167	3/5	Korean Central TV	TV		○
2715	THAICOM 5	78.5	3696	H	4167	3/5	KCBS	R		○
2716	THAICOM 5	78.5	3696	H	4167	3/5	Voice of Korea	R		○
2717	THAICOM 5	78.5	3703	V	3333	7/8	MCOT 1	TV	○	
2718	THAICOM 5	78.5	3709	H	13333	2/3	MRTV	TV		○
2719	THAICOM 5	78.5	3709	H	13333	2/3	MRTV Entertainment	TV		○
2720	THAICOM 5	78.5	3709	H	13333	2/3	Myanmar International	TV		○
2721	THAICOM 5	78.5	3709	H	13333	2/3	Hluttaw Channel	TV		○
2722	THAICOM 5	78.5	3709	H	13333	2/3	National Races Channel	TV		○
2723	THAICOM 5	78.5	3709	H	13333	2/3	Farmers Channel	TV		○
2724	THAICOM 5	78.5	3709	H	13333	2/3	Readers Channel	TV		○
2725	THAICOM 5	78.5	3709	H	13333	2/3	4 Edu	TV		○
2726	THAICOM 5	78.5	3709	H	13333	2/3	MRTV 4	TV		○
2727	THAICOM 5	78.5	3709	H	13333	2/3	Channel 7 (Myanmar)	TV		○
2728	THAICOM 5	78.5	3709	H	13333	2/3	5 Plus	TV		○
2729	THAICOM 5	78.5	3709	H	13333	2/3	MN TV	TV		○
2730	THAICOM 5	78.5	3709	H	13333	2/3	Channel 9	TV		○
2731	THAICOM 5	78.5	3709	H	13333	2/3	Radio Myanmar	R		○
2732	THAICOM 5	78.5	3709	H	13333	2/3	Upper Tine Yin Radio	R		○
2733	THAICOM 5	78.5	3709	H	13333	2/3	Lower Tine Yin Radio	R		○
2734	THAICOM 5	78.5	3715	V	1481	3/4	ABC TV (Nepal)	TV		○
2735	THAICOM 5	78.5	3718	V	1600	3/4	Police TV	TV	○	
2736	THAICOM 5	78.5	3731	H	12500	7/8	MRTV	TV		○
2737	THAICOM 5	78.5	3731	H	12500	7/8	MRTV 4	TV		○
2738	THAICOM 5	78.5	3731	H	12500	7/8	Channel 7 (Myanmar)	TV		○
2739	THAICOM 5	78.5	3731	H	12500	7/8	5 Cartoons	TV		○
2740	THAICOM 5	78.5	3731	H	12500	7/8	5 Movies	TV		○
2741	THAICOM 5	78.5	3731	H	12500	7/8	5 Biscope	TV		○
2742	THAICOM 5	78.5	3731	H	12500	7/8	5 Series	TV		○
2743	THAICOM 5	78.5	3731	H	12500	7/8	5 Plus	TV		○
2744	THAICOM 5	78.5	3731	H	12500	7/8	5 Thukhuma	TV		○
2745	THAICOM 5	78.5	3731	H	12500	7/8	Fox Sports Asia	TV		○
2746	THAICOM 5	78.5	3731	H	12500	7/8	Fox Sports 2 Asia	TV		○
2747	THAICOM 5	78.5	3731	H	12500	7/8	Mandalay FM	R		○
2748	THAICOM 5	78.5	3731	H	12500	7/8	Pyinsawadi FM	R		○
2749	THAICOM 5	78.5	3731	H	12500	7/8	Pyinsawadi FM	R		○
2750	THAICOM 5	78.5	3731	H	12500	7/8	Shwe FM	R		○
2751	THAICOM 5	78.5	3731	H	12500	7/8	Shwe FM	R		○
2752	THAICOM 5	78.5	3758	V	4688	3/4	NP TV 5 (Thailand)	TV	○	
2753	THAICOM 5	78.5	3758	H	28066	3/4	RR Media promo	TV		○
2754	THAICOM 5	78.5	3758	H	28066	3/4	Horn Cable TV	TV		○
2755	THAICOM 5	78.5	3758	H	28066	3/4	Universal TV	TV		○
2756	THAICOM 5	78.5	3758	H	28066	3/4	Kalsan TV	TV		○
2757	THAICOM 5	78.5	3758	H	28066	3/4	Puntland TV	TV		○
2758	THAICOM 5	78.5	3758	H	28066	3/4	Somaliland National TV (Qatar)	TV		○
2759	THAICOM 5	78.5	3760	H	30000	5/6	CTH WWE	TV		○
2760	THAICOM 5	78.5	3760	H	30000	5/6	GMM Football Euro	TV		○
2761	THAICOM 5	78.5	3760	H	30000	5/6	GMM Football Plus	TV		○
2762	THAICOM 5	78.5	3760	H	30000	5/6	GMM Club Channel	TV		○
2763	THAICOM 5	78.5	3760	H	30000	5/6	Fox Thai	TV		○
2764	THAICOM 5	78.5	3760	H	30000	5/6	Nat Geo Wild Asia	TV		○
2765	THAICOM 5	78.5	3760	H	30000	5/6	Channel M	TV		○
2766	THAICOM 5	78.5	3760	H	30000	5/6	Star Chinese Movies South East Asia	TV		○
2767	THAICOM 5	78.5	3760	H	30000	5/6	Fox Sports News Asia	TV		○
2768	THAICOM 5	78.5	3760	H	30000	5/6	Star World Asia	TV		○
2769	THAICOM 5	78.5	3760	H	30000	5/6	Channel V Thailand	TV		○
2770	THAICOM 5	78.5	3760	H	30000	5/6	Nick Jr Asia	TV		○
2771	THAICOM 5	78.5	3760	H	30000	5/6	Warner TV Asia	TV		○
2772	THAICOM 5	78.5	3760	H	30000	5/6	Nat Geo People Asia	TV		○
2773	THAICOM 5	78.5	3760	H	30000	5/6	Star Chinese Movies Legend	TV		○
2774	THAICOM 5	78.5	3760	H	30000	5/6	Fox Crime Asia	TV		○
2775	THAICOM 5	78.5	3760	H	30000	5/6	National Geographic Channel Asia	TV		○
2776	THAICOM 5	78.5	3760	H	30000	5/6	Looktung Millionaire Channel	TV		○
2777	THAICOM 5	78.5	3800	H	30000	5/6	Sun Channel (Thailand)	TV		○
2778	THAICOM 5	78.5	3800	H	30000	5/6	Thai Channel 8	TV		○
2779	THAICOM 5	78.5	3800	H	30000	5/6	TVD Shop	TV		○
2780	THAICOM 5	78.5	3800	H	30000	5/6	Sun Channel (Thailand)	TV		○
2781	THAICOM 5	78.5	3800	H	30000	5/6	Thai Channel 8	TV		○
2782	THAICOM 5	78.5	3800	H	30000	5/6	Thai Channel 2	TV		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
2783	THAICOM 5	78.5	3800	H	30000	5/6	You Channel	TV		O
2784	THAICOM 5	78.5	3800	H	30000	5/6	Sabaidee TV	TV		O
2785	THAICOM 5	78.5	3800	H	30000	5/6	Sun Cable	TV		O
2786	THAICOM 5	78.5	3800	H	30000	5/6	Maya 47	TV		O
2787	THAICOM 5	78.5	3800	H	30000	5/6	Cartoon Club	TV		O
2788	THAICOM 5	78.5	3800	H	30000	5/6	Cool Celsius 91.5	R		O
2789	THAICOM 5	78.5	3800	H	30000	5/6	Cool Fahrenheit 93	R		O
2790	THAICOM 5	78.5	3800	H	30000	5/6	Sabaidee Radio	R		O
2791	THAICOM 5	78.5	3803	V	4551	3/4	Thai TV 3	TV		O
2792	THAICOM 5	78.5	3803	V	4551	3/4	Radio Thailand AM 819	R		O
2793	THAICOM 5	78.5	3826	H	4700	3/4	BBTV Channel 7	TV		O
2794	THAICOM 5	78.5	3834	H	8000	5/6	BBTV Channel 7	TV		O
2795	THAICOM 5	78.5	3840	V	30000	5/6	Thai Visions Channel	TV		O
2796	THAICOM 5	78.5	3840	V	30000	5/6	Good TV (Thailand)	TV		O
2797	THAICOM 5	78.5	3840	V	30000	5/6	Thai Visions Channel	TV		O
2798	THAICOM 5	78.5	3840	V	30000	5/6	Smart TV (Thailand)	TV		O
2799	THAICOM 5	78.5	3840	V	30000	5/6	Kaset News Channel	TV		O
2800	THAICOM 5	78.5	3840	V	30000	5/6	JJ Channel	TV		O
2801	THAICOM 5	78.5	3840	V	30000	5/6	JJ Channel	TV		O
2802	THAICOM 5	78.5	3840	V	30000	5/6	Thai Visions Channel	TV		O
2803	THAICOM 5	78.5	3840	V	30000	5/6	Maxagro TV	TV		O
2804	THAICOM 5	78.5	3840	V	30000	5/6	Jipata TV	TV		O
2805	THAICOM 5	78.5	3840	V	30000	5/6	Chokdee TV	TV		O
2806	THAICOM 5	78.5	3840	V	30000	5/6	Pramarn Channel	TV		O
2807	THAICOM 5	78.5	3840	V	30000	5/6	SBT TV	TV		O
2808	THAICOM 5	78.5	3840	V	30000	5/6	CAT Channel	TV		O
2809	THAICOM 5	78.5	3840	V	30000	5/6	13 Siam Thai	TV		O
2810	THAICOM 5	78.5	3840	V	30000	5/6	Boonnaiyom TV	TV		O
2811	THAICOM 5	78.5	3840	V	30000	5/6	Peace TV	TV		O
2812	THAICOM 5	78.5	3840	V	30000	5/6	RSU Wisdom TV	TV		O
2813	THAICOM 5	78.5	3840	V	30000	5/6	Thai Muslim TV	TV		O
2814	THAICOM 5	78.5	3840	V	30000	5/6	Goodfilms 2	TV		O
2815	THAICOM 5	78.5	3841	H	2900	3/4	BBTV Channel 7	TV		O
2816	THAICOM 5	78.5	3880	H	30000	3/4	TNN 24	TV		O
2817	THAICOM 5	78.5	3880	H	30000	3/4	THV	TV		O
2818	THAICOM 5	78.5	3880	H	30000	3/4	New TV (Thailand)	TV		O
2819	THAICOM 5	78.5	3880	H	30000	3/4	Spring News TV	TV		O
2820	THAICOM 5	78.5	3880	H	30000	3/4	Bright TV 20	TV		O
2821	THAICOM 5	78.5	3880	H	30000	3/4	Voice TV	TV		O
2822	THAICOM 5	78.5	3880	H	30000	3/4	Nation TV	TV		O
2823	THAICOM 5	78.5	3880	H	30000	3/4	True 4U	TV		O
2824	THAICOM 5	78.5	3880	H	30000	3/4	GMM Channel 25	TV		O
2825	THAICOM 5	78.5	3880	H	30000	3/4	Now 26	TV		O
2826	THAICOM 5	78.5	3880	H	30000	3/4	Thai Channel 8	TV		O
2827	THAICOM 5	78.5	3880	H	30000	3/4	TV 3 SD	TV		O
2828	THAICOM 5	78.5	3880	H	30000	3/4	Mono 29	TV		O
2829	THAICOM 5	78.5	3880	H	30000	3/4	Workpoint 1	TV		O
2830	THAICOM 5	78.5	3910	V	14200	5/6	NP TV 5	TV		O
2831	THAICOM 5	78.5	3910	V	14200	5/6	TNN 24	TV		O
2832	THAICOM 5	78.5	3910	V	14200	5/6	Workpoint 1	TV		O
2833	THAICOM 5	78.5	3910	V	14200	5/6	True 4U	TV		O
2834	THAICOM 5	78.5	3910	V	14200	5/6	One HD	TV		O
2835	THAICOM 5	78.5	3910	V	14200	5/6	BBTV Channel 7	TV		O
2836	THAICOM 5	78.5	3920	H	30000	3/4	NP TV 5	TV		O
2837	THAICOM 5	78.5	3920	H	30000	3/4	Thai PBS	TV		O
2838	THAICOM 5	78.5	3920	H	30000	3/4	TV 3 Family	TV		O
2839	THAICOM 5	78.5	3920	H	30000	3/4	MCOT Family	TV		O
2840	THAICOM 5	78.5	3920	H	30000	3/4	Loca	TV		O
2841	THAICOM 5	78.5	3920	H	30000	3/4	MCOT HD	TV		O
2842	THAICOM 5	78.5	3920	H	30000	3/4	One HD	TV		O
2843	THAICOM 5	78.5	3920	H	30000	3/4	Thairath TV	TV		O
2844	THAICOM 5	78.5	3920	H	30000	3/4	TV 3 HD	TV		O
2845	THAICOM 5	78.5	3920	H	30000	3/4	Amarin TV	TV		O
2846	THAICOM 5	78.5	3920	H	30000	3/4	BBTV Channel 7	TV		O
2847	THAICOM 5	78.5	3920	H	30000	3/4	PPTV HD (Thailand)	TV		O
2848	THAICOM 5	78.5	3920	H	30000	3/4	PPTV HD (Thailand)	TV		O
2849	THAICOM 5	78.5	3930	V	15000	5/6	New TV (Thailand)	TV		O
2850	THAICOM 5	78.5	3930	V	15000	5/6	Bright TV 20	TV		O
2851	THAICOM 5	78.5	3930	V	15000	5/6	Nation TV	TV		O
2852	THAICOM 5	78.5	3930	V	15000	5/6	GMM Channel 25	TV		O
2853	THAICOM 5	78.5	3930	V	15000	5/6	Now 26	TV		O
2854	THAICOM 5	78.5	3930	V	15000	5/6	Mono 29	TV		O
2855	THAICOM 5	78.5	3930	V	15000	5/6	Amarin TV	TV		O
2856	THAICOM 5	78.5	3930	V	15000	5/6	PPTV HD (Thailand)	TV		O
2857	THAICOM 5	78.5	3949	V	2550	7/8	On Shop	TV		O
2858	THAICOM 5	78.5	3949	V	2550	7/8	IPM Show	TV		O
2859	THAICOM 5	78.5	3990	V	12000	2/3	Thai PBS	TV		O
2860	THAICOM 5	78.5	3990	V	12000	2/3	Thai PBS	TV		O
2861	THAICOM 5	78.5	3990	V	12000	2/3	TV 3 Family	TV		O
2862	THAICOM 5	78.5	3990	V	12000	2/3	Loca	TV		O
2863	THAICOM 5	78.5	3990	V	12000	2/3	THV	TV		O
2864	THAICOM 5	78.5	3990	V	12000	2/3	Thai Channel 8	TV		O
2865	THAICOM 5	78.5	3990	V	12000	2/3	TV 3 SD	TV		O
2866	THAICOM 5	78.5	3990	V	12000	2/3	TV 3 HD	TV		O
2867	THAICOM 5	78.5	4000	H	30000	2/3	FX HD Asia	TV		O
2868	THAICOM 5	78.5	4000	H	30000	2/3	Fox Crime HD Asia	TV		O
2869	THAICOM 5	78.5	4000	H	30000	2/3	Fox Movies Premium HD	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
2870	THAICOM 5	78.5	4000	H	30000	2/3	Warner TV Asia	TV		O
2871	THAICOM 5	78.5	4000	H	30000	2/3	Channel V International	TV		O
2872	THAICOM 5	78.5	4000	H	30000	2/3	Fox Sports Thailand	TV		O
2873	THAICOM 5	78.5	4000	H	30000	2/3	Fox Sports 2 Asia	TV		O
2874	THAICOM 5	78.5	4000	H	30000	2/3	Fox Family Movies HD	TV		O
2875	THAICOM 5	78.5	4000	H	30000	2/3	National Geographic Channel HD Asia	TV		O
2876	THAICOM 5	78.5	4000	H	30000	2/3	GMM Sport Plus	TV		O
2877	THAICOM 5	78.5	4000	H	30000	2/3	GMM Sport Extreme	TV		O
2878	THAICOM 5	78.5	4000	H	30000	2/3	Nat Geo Music	TV		O
2879	THAICOM 5	78.5	4000	H	30000	2/3	Sony Channel Asia	TV		O
2880	THAICOM 5	78.5	4000	H	30000	2/3	RSU Wisdom TV	TV		O
2881	THAICOM 5	78.5	4017	V	1800	3/4	Thai PBS	TV		O
2882	THAICOM 5	78.5	4040	H	30000	2/3	Kix	TV		O
2883	THAICOM 5	78.5	4040	H	30000	2/3	Nat Geo Wild HD Asia	TV		O
2884	THAICOM 5	78.5	4040	H	30000	2/3	Fox Action Movies	TV		O
2885	THAICOM 5	78.5	4040	H	30000	2/3	Star World HD Asia	TV		O
2886	THAICOM 5	78.5	4040	H	30000	2/3	GMM Football Extra	TV		O
2887	THAICOM 5	78.5	4040	H	30000	2/3	Fox Sports 3 Asia	TV		O
2888	THAICOM 5	78.5	4040	H	30000	2/3	GMM Football Euro	TV		O
2889	THAICOM 5	78.5	4040	H	30000	2/3	GTH On Air	TV		O
2890	THAICOM 5	78.5	4040	H	30000	2/3	Baby TV Asia	TV		O
2891	THAICOM 5	78.5	4040	H	30000	2/3	Fox News Channel	TV		O
2892	THAICOM 5	78.5	4040	H	30000	2/3	Universal Channel Asia	TV		O
2893	THAICOM 5	78.5	4040	H	30000	2/3	Syfy Universal Asia	TV		O
2894	THAICOM 5	78.5	4040	H	30000	2/3	Crime + Investigation Asia	TV		O
2895	THAICOM 5	78.5	4040	H	30000	2/3	FYI Asia	TV		O
2896	THAICOM 5	78.5	4040	H	30000	2/3	Now HaiRun	TV		O
2897	THAICOM 5	78.5	4053	V	8333	3/4	Chalermkrung TV	TV		O
2898	THAICOM 5	78.5	4053	V	8333	3/4	Bangkok Thonburi Channel	TV		O
2899	THAICOM 5	78.5	4053	V	8333	3/4	T Sports Channel	TV		O
2900	THAICOM 5	78.5	4080	H	30000	3/5	Stadium 5	TV		O
2901	THAICOM 5	78.5	4080	H	30000	3/5	Stadium 1	TV		O
2902	THAICOM 5	78.5	4080	H	30000	3/5	Stadium 2	TV		O
2903	THAICOM 5	78.5	4080	H	30000	3/5	Stadium 3	TV		O
2904	THAICOM 5	78.5	4080	H	30000	3/5	Stadium 4	TV		O
2905	THAICOM 5	78.5	4080	H	30000	3/5	Stadium 6	TV		O
2906	THAICOM 5	78.5	4080	H	30000	3/5	Stadium X	TV		O
2907	THAICOM 5	78.5	4080	H	30000	3/5	Thairath TV	TV		O
2908	THAICOM 5	78.5	4080	H	30000	3/5	Cinema	TV		O
2909	THAICOM 5	78.5	4080	H	30000	3/5	Thrill	TV		O
2910	THAICOM 5	78.5	4080	H	30000	3/5	Celestial Classic Movies Thailand	TV		O
2911	THAICOM 5	78.5	4080	H	30000	3/5	Mahidol Channel	TV		O
2912	THAICOM 5	78.5	4091	V	2000	3/4	Kasikorn TV (10-18)	TV		O
2913	THAICOM 5	78.5	4096	V	5295	3/4	13 Siam Thai	TV		O
2914	THAICOM 5	78.5	4096	V	5295	3/4	Kaset Ramruay Channel	TV		O
2915	THAICOM 5	78.5	4120	V	30000	9/10	Stadium 1	TV		O
2916	THAICOM 5	78.5	4120	V	30000	9/10	Stadium 2	TV		O
2917	THAICOM 5	78.5	4120	V	30000	9/10	Stadium 3	TV		O
2918	THAICOM 5	78.5	4120	V	30000	9/10	Stadium 4	TV		O
2919	THAICOM 5	78.5	4120	V	30000	9/10	Stadium 5	TV		O
2920	THAICOM 5	78.5	4120	V	30000	9/10	Stadium 6	TV		O
2921	THAICOM 5	78.5	4120	V	30000	9/10	Stadium X	TV		O
2922	THAICOM 5	78.5	4120	V	30000	9/10	Smile	TV		O
2923	THAICOM 5	78.5	4120	V	30000	9/10	Sports Spirit	TV		O
2924	THAICOM 5	78.5	4120	V	30000	9/10	CTH Family Guide	TV		O
2925	THAICOM 5	78.5	4120	V	30000	9/10	9 Yord	TV		O
2926	THAICOM 5	78.5	4120	V	30000	9/10	ChernYim Channel	TV		O
2927	THAICOM 5	78.5	4120	V	30000	9/10	GMM Football Extra	TV		O
2928	THAICOM 5	78.5	4120	V	30000	9/10	CTH WWE	TV		O
2929	THAICOM 5	78.5	4120	V	30000	9/10	Max Sports	TV		O
2930	THAICOM 5	78.5	4120	V	30000	9/10	Zee Nung	TV		O
2931	THAICOM 5	78.5	4120	H	30000	5/6	PSI Channel	TV		O
2932	THAICOM 5	78.5	4120	H	30000	5/6	Toonami Thailand	TV		O
2933	THAICOM 5	78.5	4120	H	30000	5/6	Chic Station	TV		O
2934	THAICOM 5	78.5	4120	H	30000	5/6	Kaset News Channel	TV		O
2935	THAICOM 5	78.5	4120	H	30000	5/6	M Channel	TV		O
2936	THAICOM 5	78.5	4120	H	30000	5/6	Jatingja	TV		O
2937	THAICOM 5	78.5	4120	H	30000	5/6	Grand Prix Channel	TV		O
2938	THAICOM 5	78.5	4120	H	30000	5/6	Bluesky Channel	TV		O
2939	THAICOM 5	78.5	4120	H	30000	5/6	Shop Ch	TV		O
2940	THAICOM 5	78.5	4120	H	30000	5/6	Boomerang Thailand	TV		O
2941	THAICOM 5	78.5	4120	H	30000	5/6	JKN Channel	TV		O
2942	THAICOM 5	78.5	4120	H	30000	5/6	GangCartoon Channel	TV		O
2943	THAICOM 5	78.5	4120	H	30000	5/6	4050 Channel	TV		O
2944	THAICOM 5	78.5	4120	H	30000	5/6	Miracle	TV		O
2945	THAICOM 5	78.5	4120	H	30000	5/6	PSI Channel	TV		O
2946	THAICOM 5	78.5	4120	H	30000	5/6	Workpoint 1	TV		O
2947	THAICOM 5	78.5	4120	H	30000	5/6	55 Channel	TV		O
2948	THAICOM 5	78.5	4144	H	2530	3/4	NBT World	TV		O
2949	THAICOM 5	78.5	4148	H	4688	3/4	NBT TV	TV		O
2950	THAICOM 5	78.5	4154	H	3125	3/4	NBT TV Kanchanaburi (14.30-17.00)	TV		O
2951	THAICOM 5	78.5	4157	H	2530	3/4	NBT TV Ubon Ratchathani	TV		O
2952	THAICOM 5	78.5	4160	V	30000	5/6	One HD	TV		O
2953	THAICOM 5	78.5	4160	V	30000	5/6	Fan TV (Thailand)	TV		O
2954	THAICOM 5	78.5	4160	V	30000	5/6	Bang Channel	TV		O
2955	THAICOM 5	78.5	4160	V	30000	5/6	Nick Jr Asia	TV		O
2956	THAICOM 5	78.5	4160	V	30000	5/6	ACTS Channel	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
2957	THAICOM 5	78.5	4160	V	30000	5/6	GTH On Air	TV		O
2958	THAICOM 5	78.5	4160	V	30000	5/6	Money Channel	TV		O
2959	THAICOM 5	78.5	4160	V	30000	5/6	GCI O Shopping	TV		O
2960	THAICOM 5	78.5	4160	V	30000	5/6	Zabb Channel	TV		O
2961	THAICOM 5	78.5	4160	V	30000	5/6	Reality Channel	TV		O
2962	THAICOM 5	78.5	4160	V	30000	5/6	True Plookpanya	TV		O
2963	THAICOM 5	78.5	4160	V	30000	5/6	True Select	TV		O
2964	THAICOM 5	78.5	4160	V	30000	5/6	TV Parliament	TV		O
2965	THAICOM 5	78.5	4160	V	30000	5/6	MCU TV	TV		O
2966	THAICOM 5	78.5	4160	V	30000	5/6	Joo Music	TV		O
2967	THAICOM 5	78.5	4160	H	2530	3/4	NBT TV Songkhla	TV		O
2968	THAICOM 5	78.5	4163	H	2530	3/4	Dr TV (Thailand)	TV		O
2969	THAICOM 5	78.5	4167	H	2530	3/4	NBT TV Khonkaen	TV		O
2970	THAICOM 5	78.5	4170	H	2530	3/4	NBT TV Chiang Mai	TV		O
2971	THAICOM 5	78.5	4173	H	2530	3/4	NBT TV Phitsanulok	TV		O
2972	THAICOM 5	78.5	4177	H	2530	3/4	NBT TV Surat Thani	TV		O
2973	THAICOM 5	78.5	12272	H	30000	2/3	Thai TV Global Network	TV		O
2974	THAICOM 5	78.5	12272	H	30000	2/3	Thai TV Global Network	TV		O
2975	THAICOM 5	78.5	12272	H	30000	2/3	ETV (Thailand)	TV		O
2976	THAICOM 5	78.5	12272	H	30000	2/3	Lao Star	TV		O
2977	THAICOM 5	78.5	12272	H	30000	2/3	Bayon TV	TV		O
2978	THAICOM 5	78.5	12272	H	30000	2/3	TVK (Cambodia)	TV		O
2979	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 1	TV		O
2980	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 2	TV		O
2981	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 3	TV		O
2982	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 4	TV		O
2983	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 5	TV		O
2984	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 6	TV		O
2985	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 7	TV		O
2986	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 8	TV		O
2987	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 9	TV		O
2988	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 10	TV		O
2989	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 11	TV		O
2990	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 12	TV		O
2991	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 13	TV		O
2992	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 14	TV		O
2993	THAICOM 5	78.5	12272	H	30000	2/3	DLTV 15	TV		O
2994	THAICOM 5	78.5	12272	H	30000	2/3	Education FM 92	R		O
2995	THAICOM 5	78.5	12272	V	30000	3/4	Modern India TV	TV		O
2996	THAICOM 5	78.5	12272	V	30000	3/4	GMM Music	TV		O
2997	THAICOM 5	78.5	12272	V	30000	3/4	Fan TV (Thailand)	TV		O
2998	THAICOM 5	78.5	12272	V	30000	3/4	Bang Channel	TV		O
2999	THAICOM 5	78.5	12272	V	30000	3/4	Sexy Channel	TV		O
3000	THAICOM 5	78.5	12272	V	30000	3/4	Nick Jr Asia	TV		O
3001	THAICOM 5	78.5	12272	V	30000	3/4	Peace TV	TV		O
3002	THAICOM 5	78.5	12272	V	30000	3/4	MV Lao TV	TV		O
3003	THAICOM 5	78.5	12272	V	30000	3/4	Major Channel Asian	TV		O
3004	THAICOM 5	78.5	12272	V	30000	3/4	Cartoon Club	TV		O
3005	THAICOM 5	78.5	12272	V	30000	3/4	GTH On Air	TV		O
3006	THAICOM 5	78.5	12272	V	30000	3/4	Five Channel	TV		O
3007	THAICOM 5	78.5	12272	V	30000	3/4	Green Channel (Thailand)	TV		O
3008	THAICOM 5	78.5	12272	V	30000	3/4	ACTS Channel	TV		O
3009	THAICOM 5	78.5	12272	V	30000	3/4	GCI O Shopping	TV		O
3010	THAICOM 5	78.5	12272	V	30000	3/4	Dragon TV (Thailand)	TV		O
3011	THAICOM 5	78.5	12272	V	30000	3/4	Zaa Network	TV		O
3012	THAICOM 5	78.5	12272	V	30000	3/4	Major Channel Mix	TV		O
3013	THAICOM 5	78.5	12272	V	30000	3/4	Samrujlok	TV		O
3014	THAICOM 5	78.5	12272	V	30000	3/4	Fox Thai	TV		O
3015	THAICOM 5	78.5	12272	V	30000	3/4	Khongdee	TV		O
3016	THAICOM 5	78.5	12272	V	30000	3/4	MySci	TV		O
3017	THAICOM 5	78.5	12313	H	30000	2/3	Food Network Asia	TV		O
3018	THAICOM 5	78.5	12313	H	30000	2/3	Chic Channel	TV		O
3019	THAICOM 5	78.5	12313	H	30000	2/3	Dara Daily	TV		O
3020	THAICOM 5	78.5	12313	H	30000	2/3	Super Bun-Tereng	TV		O
3021	THAICOM 5	78.5	12313	H	30000	2/3	In Channel	TV		O
3022	THAICOM 5	78.5	12313	H	30000	2/3	Travel Channel Thailand	TV		O
3023	THAICOM 5	78.5	12313	H	30000	2/3	Home & Food Channel	TV		O
3024	THAICOM 5	78.5	12313	H	30000	2/3	TV 5 Monde Asia	TV		O
3025	THAICOM 5	78.5	12313	H	30000	2/3	H Plus Channel	TV		O
3026	THAICOM 5	78.5	12313	H	30000	2/3	Fox Thai	TV		O
3027	THAICOM 5	78.5	12313	H	30000	2/3	CCTV 4 Asia	TV		O
3028	THAICOM 5	78.5	12313	H	30000	2/3	Reality Channel	TV		O
3029	THAICOM 5	78.5	12313	H	30000	2/3	Sun Channel (Thailand)	TV		O
3030	THAICOM 5	78.5	12313	H	30000	2/3	Miracle	TV		O
3031	THAICOM 5	78.5	12313	H	30000	2/3	Voice TV	TV		O
3032	THAICOM 5	78.5	12313	H	30000	2/3	TrueSport 5	TV		O
3033	THAICOM 5	78.5	12313	H	30000	2/3	Workpoint 1	TV		O
3034	THAICOM 5	78.5	12313	H	30000	2/3	TrueSport 2	TV		O
3035	THAICOM 5	78.5	12313	H	30000	2/3	TrueSport 7	TV		O
3036	THAICOM 5	78.5	12313	V	30000	3/4	TV Lao	TV		O
3037	THAICOM 5	78.5	12313	V	30000	3/4	T Sports Channel	TV		O
3038	THAICOM 5	78.5	12313	V	30000	3/4	TV Parliament	TV		O
3039	THAICOM 5	78.5	12313	V	30000	3/4	Dhamma Media Channel	TV		O
3040	THAICOM 5	78.5	12313	V	30000	3/4	D Channel	TV		O
3041	THAICOM 5	78.5	12313	V	30000	3/4	View World	TV		O
3042	THAICOM 5	78.5	12313	V	30000	3/4	AniPlus HD	TV		O
3043	THAICOM 5	78.5	12313	V	30000	3/4	Kids Song	TV		O

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3044	THAICOM 5	78.5	12355	H	30000	2/3	TV 3 Family	TV		O
3045	THAICOM 5	78.5	12355	H	30000	2/3	MCOT Family	TV		O
3046	THAICOM 5	78.5	12355	H	30000	2/3	Loca	TV		O
3047	THAICOM 5	78.5	12355	H	30000	2/3	TNN 24	TV		O
3048	THAICOM 5	78.5	12355	H	30000	2/3	THV	TV		O
3049	THAICOM 5	78.5	12355	H	30000	2/3	New TV (Thailand)	TV		O
3050	THAICOM 5	78.5	12355	H	30000	2/3	Spring News TV	TV		O
3051	THAICOM 5	78.5	12355	H	30000	2/3	Bright TV 20	TV		O
3052	THAICOM 5	78.5	12355	H	30000	2/3	Voice TV	TV		O
3053	THAICOM 5	78.5	12355	H	30000	2/3	Nation TV	TV		O
3054	THAICOM 5	78.5	12355	H	30000	2/3	Workpoint 1	TV		O
3055	THAICOM 5	78.5	12355	H	30000	2/3	True 4U	TV		O
3056	THAICOM 5	78.5	12355	H	30000	2/3	GMM Channel 25	TV		O
3057	THAICOM 5	78.5	12355	H	30000	2/3	Now 26	TV		O
3058	THAICOM 5	78.5	12355	H	30000	2/3	Thai Channel 8	TV		O
3059	THAICOM 5	78.5	12355	H	30000	2/3	Thai TV 3	TV		O
3060	THAICOM 5	78.5	12355	H	30000	2/3	Mono 29	TV		O
3061	THAICOM 5	78.5	12355	H	30000	2/3	MCOT HD	TV		O
3062	THAICOM 5	78.5	12355	H	30000	2/3	One HD	TV		O
3063	THAICOM 5	78.5	12355	H	30000	2/3	Thairath TV	TV		O
3064	THAICOM 5	78.5	12355	H	30000	2/3	Thai TV 3	TV		O
3065	THAICOM 5	78.5	12355	H	30000	2/3	Amarin TV	TV		O
3066	THAICOM 5	78.5	12355	H	30000	2/3	BBTV Channel 7	TV		O
3067	THAICOM 5	78.5	12355	H	30000	2/3	PPTV HD (Thailand)	TV		O
3068	THAICOM 5	78.5	12355	V	30000	2/3	FX HD Asia	TV		O
3069	THAICOM 5	78.5	12355	V	30000	2/3	Fox Crime HD Asia	TV		O
3070	THAICOM 5	78.5	12355	V	30000	2/3	Fox Movies Premium HD	TV		O
3071	THAICOM 5	78.5	12355	V	30000	2/3	Sky News UK	TV		O
3072	THAICOM 5	78.5	12355	V	30000	2/3	Warner TV Asia	TV		O
3073	THAICOM 5	78.5	12355	V	30000	2/3	Star Chinese Movies South East Asia	TV		O
3074	THAICOM 5	78.5	12355	V	30000	2/3	Channel V International	TV		O
3075	THAICOM 5	78.5	12355	V	30000	2/3	Fox Sports Asia	TV		O
3076	THAICOM 5	78.5	12355	V	30000	2/3	Fox Sports 2 Asia	TV		O
3077	THAICOM 5	78.5	12355	V	30000	2/3	Star Chinese Channel	TV		O
3078	THAICOM 5	78.5	12355	V	30000	2/3	GMM Sport Plus	TV		O
3079	THAICOM 5	78.5	12355	V	30000	2/3	GMM Sport Extreme	TV		O
3080	THAICOM 5	78.5	12355	V	30000	2/3	Nat Geo Music	TV		O
3081	THAICOM 5	78.5	12355	V	30000	2/3	Sony Channel Asia	TV		O
3082	THAICOM 5	78.5	12396	H	30000	3/4	CBeebies Asia	TV		O
3083	THAICOM 5	78.5	12396	H	30000	3/4	BBC Lifestyle Asia	TV		O
3084	THAICOM 5	78.5	12396	H	30000	3/4	BBC Entertainment Asia	TV		O
3085	THAICOM 5	78.5	12396	H	30000	3/4	BBC Knowledge Asia	TV		O
3086	THAICOM 5	78.5	12396	H	30000	3/4	BBC World News Asia Pacific	TV		O
3087	THAICOM 5	78.5	12396	H	30000	3/4	DMAX Southeast Asia	TV		O
3088	THAICOM 5	78.5	12396	H	30000	3/4	Animal Planet South East Asia	TV		O
3089	THAICOM 5	78.5	12396	H	30000	3/4	National Geographic Channel Asia	TV		O
3090	THAICOM 5	78.5	12396	H	30000	3/4	TCM Asia	TV		O
3091	THAICOM 5	78.5	12396	H	30000	3/4	TrueSport 1	TV		O
3092	THAICOM 5	78.5	12396	H	30000	3/4	TrueSport 3	TV		O
3093	THAICOM 5	78.5	12396	H	30000	3/4	TVB Xing He	TV		O
3094	THAICOM 5	78.5	12396	H	30000	3/4	CNBC Asia-Pacific	TV		O
3095	THAICOM 5	78.5	12396	H	30000	3/4	NHK World TV	TV		O
3096	THAICOM 5	78.5	12396	H	30000	3/4	Disney XD Asia	TV		O
3097	THAICOM 5	78.5	12396	H	30000	3/4	Diva Asia	TV		O
3098	THAICOM 5	78.5	12396	H	30000	3/4	E! Asia & Pacific	TV		O
3099	THAICOM 5	78.5	12396	H	30000	3/4	HBO Family Asia	TV		O
3100	THAICOM 5	78.5	12396	H	30000	3/4	BeTV Asia	TV		O
3101	THAICOM 5	78.5	12396	H	30000	3/4	Discovery Science Channel South East Asia	TV		O
3102	THAICOM 5	78.5	12396	H	30000	3/4	Eve	TV		O
3103	THAICOM 5	78.5	12396	H	30000	3/4	Discovery Kids South East Asia	TV		O
3104	THAICOM 5	78.5	12396	H	30000	3/4	Nickelodeon South East Asia	TV		O
3105	THAICOM 5	78.5	12396	H	30000	3/4	AMC Asia	TV		O
3106	THAICOM 5	78.5	12405	V	450000	3/4	MRTV 4	TV		O
3107	THAICOM 5	78.5	12405	V	450000	3/4	Channel 7 (Myanmar)	TV		O
3108	THAICOM 5	78.5	12405	V	450000	3/4	Fox Sports News Asia	TV		O
3109	THAICOM 5	78.5	12405	V	450000	3/4	4 Sports	TV		O
3110	THAICOM 5	78.5	12405	V	450000	3/4	4 Info	TV		O
3111	THAICOM 5	78.5	12405	V	450000	3/4	4 Edu	TV		O
3112	THAICOM 5	78.5	12405	V	450000	3/4	4 Choice	TV		O
3113	THAICOM 5	78.5	12405	V	450000	3/4	4 Tunes	TV		O
3114	THAICOM 5	78.5	12405	V	450000	3/4	4 Comedy	TV		O
3115	THAICOM 5	78.5	12405	V	450000	3/4	4 Cinema	TV		O
3116	THAICOM 5	78.5	12405	V	450000	3/4	4 Drama	TV		O
3117	THAICOM 5	78.5	12405	V	450000	3/4	Readers Channel	TV		O
3118	THAICOM 5	78.5	12405	V	450000	3/4	KBS World	TV		O
3119	THAICOM 5	78.5	12405	V	450000	3/4	Channel NewsAsia	TV		O
3120	THAICOM 5	78.5	12405	V	450000	3/4	Zee Cinema Asia	TV		O
3121	THAICOM 5	78.5	12405	V	450000	3/4	Fox Crime Asia	TV		O
3122	THAICOM 5	78.5	12405	V	450000	3/4	Fox Movies Premium	TV		O
3123	THAICOM 5	78.5	12405	V	450000	3/4	Channel M	TV		O
3124	THAICOM 5	78.5	12405	V	450000	3/4	Channel V International	TV		O
3125	THAICOM 5	78.5	12405	V	450000	3/4	National Geographic Channel Asia	TV		O
3126	THAICOM 5	78.5	12405	V	450000	3/4	Nat Geo Wild Asia	TV		O
3127	THAICOM 5	78.5	12405	V	450000	3/4	Animal Planet South East Asia	TV		O
3128	THAICOM 5	78.5	12405	V	450000	3/4	Discovery Channel South East Asia	TV		O
3129	THAICOM 5	78.5	12405	V	450000	3/4	BBC World News South Asia	TV		O
3130	THAICOM 5	78.5	12405	V	450000	3/4	CBeebies Asia	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
3131	THAICOM 5	78.5	12405	V	450000	3/4	Baby TV Asia	TV		O
3132	THAICOM 5	78.5	12405	V	450000	3/4	4 HD	TV		O
3133	THAICOM 5	78.5	12405	V	450000	3/4	Fox Movies Premium HD	TV		O
3134	THAICOM 5	78.5	12405	V	450000	3/4	Channel M	TV		O
3135	THAICOM 5	78.5	12405	V	450000	3/4	National Geographic Channel HD Asia	TV		O
3136	THAICOM 5	78.5	12405	V	450000	3/4	HBO HD Asia	TV		O
3137	THAICOM 5	78.5	12405	V	450000	3/4	Fox Sports 3 Asia	TV		O
3138	THAICOM 5	78.5	12438	H	30000	2/3	Thai TV 3	TV		O
3139	THAICOM 5	78.5	12438	H	30000	2/3	True 4U	TV		O
3140	THAICOM 5	78.5	12438	H	30000	2/3	True Inside	TV		O
3141	THAICOM 5	78.5	12438	H	30000	2/3	BBTV Channel 7	TV		O
3142	THAICOM 5	78.5	12438	H	30000	2/3	True Movie Hits	TV		O
3143	THAICOM 5	78.5	12438	H	30000	2/3	True Plookpanya	TV		O
3144	THAICOM 5	78.5	12438	H	30000	2/3	TNN 24	TV		O
3145	THAICOM 5	78.5	12438	H	30000	2/3	TrueSport 7	TV		O
3146	THAICOM 5	78.5	12438	H	30000	2/3	Reality Channel	TV		O
3147	THAICOM 5	78.5	12438	H	30000	2/3	True Select	TV		O
3148	THAICOM 5	78.5	12438	H	30000	2/3	NP TV 5	TV		O
3149	THAICOM 5	78.5	12438	H	30000	2/3	NBT TV	TV		O
3150	THAICOM 5	78.5	12438	H	30000	2/3	Thai PBS	TV		O
3151	THAICOM 5	78.5	12438	H	30000	2/3	TCM Asia	TV		O
3152	THAICOM 5	78.5	12438	H	30000	2/3	AMC Asia	TV		O
3153	THAICOM 5	78.5	12467	V	45000	3/4	4 Choice	TV		O
3154	THAICOM 5	78.5	12467	V	45000	3/4	Channel NewsAsia	TV		O
3155	THAICOM 5	78.5	12467	V	45000	3/4	WakuWaku Japan	TV		O
3156	THAICOM 5	78.5	12467	V	45000	3/4	KBS World	TV		O
3157	THAICOM 5	78.5	12467	V	45000	3/4	DW Asien	TV		O
3158	THAICOM 5	78.5	12467	V	45000	3/4	France 24 English	TV		O
3159	THAICOM 5	78.5	12467	V	45000	3/4	TV 5 Monde Asia	TV		O
3160	THAICOM 5	78.5	12467	V	45000	3/4	Cinemax Asia	TV		O
3161	THAICOM 5	78.5	12467	V	45000	3/4	Zing Asia	TV		O
3162	THAICOM 5	78.5	12467	V	45000	3/4	History Asia	TV		O
3163	THAICOM 5	78.5	12467	V	45000	3/4	FYI Asia	TV		O
3164	THAICOM 5	78.5	12467	V	45000	3/4	Crime + Investigation Asia	TV		O
3165	THAICOM 5	78.5	12467	V	45000	3/4	HBO Asia	TV		O
3166	THAICOM 5	78.5	12467	V	45000	3/4	Fox Crime Asia	TV		O
3167	THAICOM 5	78.5	12467	V	45000	3/4	Celestial Classic Movies Thailand	TV		O
3168	THAICOM 5	78.5	12467	V	45000	3/4	Animal Planet South East Asia	TV		O
3169	THAICOM 5	78.5	12467	V	45000	3/4	Discovery Channel South East Asia	TV		O
3170	THAICOM 5	78.5	12467	V	45000	3/4	TLC South East Asia	TV		O
3171	THAICOM 5	78.5	12467	V	45000	3/4	Channel M	TV		O
3172	THAICOM 5	78.5	12467	V	45000	3/4	Zee Cinema Asia	TV		O
3173	THAICOM 5	78.5	12467	V	45000	3/4	National Geographic Channel Asia	TV		O
3174	THAICOM 5	78.5	12467	V	45000	3/4	Star World Asia	TV		O
3175	THAICOM 5	78.5	12467	V	45000	3/4	TV Guide	TV		O
3176	THAICOM 5	78.5	12467	V	45000	3/4	Channel 7 (Myanmar)	TV		O
3177	THAICOM 5	78.5	12467	V	45000	3/4	National Geographic Channel HD Asia	TV		O
3178	THAICOM 5	78.5	12467	V	45000	3/4	Star World HD Asia	TV		O
3179	THAICOM 5	78.5	12467	V	45000	3/4	Fox Family Movies	TV		O
3180	THAICOM 5	78.5	12467	V	45000	3/4	MRTV 4	TV		O
3181	THAICOM 5	78.5	12467	V	45000	3/4	4 Ladies	TV		O
3182	THAICOM 5	78.5	12467	V	45000	3/4	Fox Action Movies	TV		O
3183	THAICOM 5	78.5	12479	H	30000	2/3	True Explore 3	TV		O
3184	THAICOM 5	78.5	12479	H	30000	2/3	TLC South East Asia	TV		O
3185	THAICOM 5	78.5	12479	H	30000	2/3	PSI Channel	TV		O
3186	THAICOM 5	78.5	12479	H	30000	2/3	Rama Channel	TV		O
3187	THAICOM 5	78.5	12479	H	30000	2/3	Smart SME	TV		O
3188	THAICOM 5	78.5	12479	H	30000	2/3	Block A	TV		O
3189	THAICOM 5	78.5	12479	H	30000	2/3	True Spark	TV		O
3190	THAICOM 5	78.5	12479	H	30000	2/3	Toon Channel	TV		O
3191	THAICOM 5	78.5	12479	H	30000	2/3	Disney Channel Asia	TV		O
3192	THAICOM 5	78.5	12479	H	30000	2/3	Toonami Thailand	TV		O
3193	THAICOM 5	78.5	12479	H	30000	2/3	Cartoon Club	TV		O
3194	THAICOM 5	78.5	12479	H	30000	2/3	True Thai Film	TV		O
3195	THAICOM 5	78.5	12479	H	30000	2/3	True Movie Hits	TV		O
3196	THAICOM 5	78.5	12479	H	30000	2/3	True Film Asia	TV		O
3197	THAICOM 5	78.5	12479	H	30000	2/3	True Asian Series	TV		O
3198	THAICOM 5	78.5	12479	H	30000	2/3	True Series	TV		O
3199	THAICOM 5	78.5	12479	H	30000	2/3	KBS World	TV		O
3200	THAICOM 5	78.5	12479	H	30000	2/3	Screen Red	TV		O
3201	THAICOM 5	78.5	12479	H	30000	2/3	M Channel	TV		O
3202	THAICOM 5	78.5	12479	H	30000	2/3	Sky Theater	TV		O
3203	THAICOM 5	78.5	12479	H	30000	2/3	True Inside	TV		O
3204	THAICOM 5	78.5	12479	H	30000	2/3	True X-Zyte	TV		O
3205	THAICOM 5	78.5	12479	H	30000	2/3	TrueLife TV	TV		O
3206	THAICOM 5	78.5	12479	H	30000	2/3	True Hay Ha	TV		O
3207	THAICOM 5	78.5	12521	H	30000	2/3	RTL CBS Entertainment	TV		O
3208	THAICOM 5	78.5	12521	H	30000	2/3	Disney XD Asia	TV		O
3209	THAICOM 5	78.5	12521	H	30000	2/3	CNN International Asia Pacific	TV		O
3210	THAICOM 5	78.5	12521	H	30000	2/3	TrueSport 3	TV		O
3211	THAICOM 5	78.5	12521	H	30000	2/3	FTV HD Asia	TV		O
3212	THAICOM 5	78.5	12521	H	30000	2/3	All Sports Network	TV		O
3213	THAICOM 5	78.5	12521	H	30000	2/3	True Film Asia	TV		O
3214	THAICOM 5	78.5	12521	H	30000	2/3	True Asian Series	TV		O
3215	THAICOM 5	78.5	12521	H	30000	2/3	HBO HD Asia	TV		O
3216	THAICOM 5	78.5	12521	V	30000	3/4	Stadium 4	TV		O
3217	THAICOM 5	78.5	12521	V	30000	3/4	Stadium 5	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
3218	THAICOM 5	78.5	12521	V	30000	3/4	Stadium 6	TV		O
3219	THAICOM 5	78.5	12521	V	30000	3/4	Sports Spirit	TV		O
3220	THAICOM 5	78.5	12521	V	30000	3/4	Thairath TV	TV		O
3221	THAICOM 5	78.5	12521	V	30000	3/4	RSU Wisdom TV	TV		O
3222	THAICOM 5	78.5	12521	V	30000	3/4	Fox Sports 2 Asia	TV		O
3223	THAICOM 5	78.5	12521	V	30000	3/4	Max Sports	TV		O
3224	THAICOM 5	78.5	12521	V	30000	3/4	Zee Nung	TV		O
3225	THAICOM 5	78.5	12521	V	30000	3/4	Cinema	TV		O
3226	THAICOM 5	78.5	12521	V	30000	3/4	9 Yord	TV		O
3227	THAICOM 5	78.5	12562	H	25776	2/3	Speed Channel	TV		O
3228	THAICOM 5	78.5	12562	H	25776	2/3	SiamSport Live	TV		O
3229	THAICOM 5	78.5	12562	H	25776	2/3	SiamSport News	TV		O
3230	THAICOM 5	78.5	12562	H	25776	2/3	SiamSport Football	TV		O
3231	THAICOM 5	78.5	12562	H	25776	2/3	T Sports Channel	TV		O
3232	THAICOM 5	78.5	12562	H	25776	2/3	TrueSport 6	TV		O
3233	THAICOM 5	78.5	12562	H	25776	2/3	ThaiThai	TV		O
3234	THAICOM 5	78.5	12562	H	25776	2/3	Majung TV	TV		O
3235	THAICOM 5	78.5	12562	H	25776	2/3	True Music	TV		O
3236	THAICOM 5	78.5	12562	H	25776	2/3	True Academy Fantasia Music Video	TV		O
3237	THAICOM 5	78.5	12562	H	25776	2/3	Very	TV		O
3238	THAICOM 5	78.5	12562	H	25776	2/3	MTV Thailand	TV		O
3239	THAICOM 5	78.5	12562	H	25776	2/3	AMC Asia	TV		O
3240	THAICOM 5	78.5	12562	H	25776	2/3	TCM Asia	TV		O
3241	THAICOM 5	78.5	12562	H	25776	2/3	NHK World Premium	TV		O
3242	THAICOM 5	78.5	12562	H	25776	2/3	Modern Radio Met 107	TV		O
3243	THAICOM 5	78.5	12562	H	25776	2/3	Get 102.5	TV		O
3244	THAICOM 5	78.5	12562	H	25776	2/3	Cool Fahrenheit 93	TV		O
3245	THAICOM 5	78.5	12562	H	25776	2/3	Luk Tung Mahanakhon	TV		O
3246	THAICOM 5	78.5	12562	H	25776	2/3	Modern Radio Seed 97.5 FM	TV		O
3247	THAICOM 5	78.5	12562	H	25776	2/3	Jor Sor 100	TV		O
3248	THAICOM 5	78.5	12562	H	25776	2/3	BBC World Service	TV		O
3249	THAICOM 5	78.5	12562	V	30000	3/4	Stadium 5	TV		O
3250	THAICOM 5	78.5	12562	V	30000	3/4	Stadium 1	TV		O
3251	THAICOM 5	78.5	12562	V	30000	3/4	Stadium 2	TV		O
3252	THAICOM 5	78.5	12562	V	30000	3/4	Stadium 3	TV		O
3253	THAICOM 5	78.5	12562	V	30000	3/4	Stadium 4	TV		O
3254	THAICOM 5	78.5	12562	V	30000	3/4	Stadium 6	TV		O
3255	THAICOM 5	78.5	12562	V	30000	3/4	Stadium X	TV		O
3256	THAICOM 5	78.5	12562	V	30000	3/4	Thairath TV	TV		O
3257	THAICOM 5	78.5	12562	V	30000	3/4	Cinema	TV		O
3258	THAICOM 5	78.5	12562	V	30000	3/4	Thrill	TV		O
3259	THAICOM 5	78.5	12562	V	30000	3/4	Celestial Classic Movies Thailand	TV		O
3260	THAICOM 5	78.5	12562	V	30000	3/4	Sony Channel Asia	TV		O
3261	THAICOM 5	78.5	12562	V	30000	3/4	Asian Food Channel	TV		O
3262	THAICOM 5	78.5	12562	V	30000	3/4	Travel Channel Asia	TV		O
3263	THAICOM 5	78.5	12604	H	30000	5/6	Outdoor Channel International	TV		O
3264	THAICOM 5	78.5	12604	H	30000	5/6	Golf Channel Thailand	TV		O
3265	THAICOM 5	78.5	12604	H	30000	5/6	Fox Family Movies HD	TV		O
3266	THAICOM 5	78.5	12604	H	30000	5/6	Discovery HD World South East Asia	TV		O
3267	THAICOM 5	78.5	12604	H	30000	5/6	Life Inspired	TV		O
3268	THAICOM 5	78.5	12604	H	30000	5/6	Lifetime Asia	TV		O
3269	THAICOM 5	78.5	12604	H	30000	5/6	True Tennis	TV		O
3270	THAICOM 5	78.5	12604	H	30000	5/6	CBeebies Asia	TV		O
3271	THAICOM 5	78.5	12604	H	30000	5/6	Disney Junior Asia	TV		O
3272	THAICOM 5	78.5	12604	H	30000	5/6	BBC Lifestyle Asia	TV		O
3273	THAICOM 5	78.5	12604	H	30000	5/6	BBC Entertainment Asia	TV		O
3274	THAICOM 5	78.5	12604	H	30000	5/6	BBC World News Asia Pacific	TV		O
3275	THAICOM 5	78.5	12604	V	30000	3/4	GMM Football Euro	TV		O
3276	THAICOM 5	78.5	12604	V	30000	3/4	GMM Football Plus	TV		O
3277	THAICOM 5	78.5	12604	V	30000	3/4	GMM Football Extra	TV		O
3278	THAICOM 5	78.5	12604	V	30000	3/4	GMM Club Channel	TV		O
3279	THAICOM 5	78.5	12604	V	30000	3/4	Nat Geo Wild Asia	TV		O
3280	THAICOM 5	78.5	12604	V	30000	3/4	Channel M	TV		O
3281	THAICOM 5	78.5	12604	V	30000	3/4	Fox Sports News Asia	TV		O
3282	THAICOM 5	78.5	12604	V	30000	3/4	Star World Asia	TV		O
3283	THAICOM 5	78.5	12604	V	30000	3/4	Channel V Thailand	TV		O
3284	THAICOM 5	78.5	12604	V	30000	3/4	Warner TV Asia	TV		O
3285	THAICOM 5	78.5	12604	V	30000	3/4	Nat Geo People Asia	TV		O
3286	THAICOM 5	78.5	12604	V	30000	3/4	Star Chinese Movies Legend	TV		O
3287	THAICOM 5	78.5	12604	V	30000	3/4	Fox Crime Asia	TV		O
3288	THAICOM 5	78.5	12604	V	30000	3/4	GTH On Air	TV		O
3289	THAICOM 5	78.5	12604	V	30000	3/4	9 Yord	TV		O
3290	THAICOM 5	78.5	12604	V	30000	3/4	94 EFM	R		O
3291	THAICOM 5	78.5	12604	V	30000	3/4	Chill 89	R		O
3292	THAICOM 5	78.5	12604	V	30000	3/4	Green Wave 106.5 FM	R		O
3293	THAICOM 5	78.5	12645	V	30000	2/3	Eurosport Asia	TV		O
3294	THAICOM 5	78.5	12645	V	30000	2/3	Nat Geo Wild HD Asia	TV		O
3295	THAICOM 5	78.5	12645	V	30000	2/3	Fox Action Movies	TV		O
3296	THAICOM 5	78.5	12645	V	30000	2/3	Star World HD Asia	TV		O
3297	THAICOM 5	78.5	12645	V	30000	2/3	GMM Football Extra	TV		O
3298	THAICOM 5	78.5	12645	V	30000	2/3	Fox Sports 3 Asia	TV		O
3299	THAICOM 5	78.5	12645	V	30000	2/3	GMM Football Euro	TV		O
3300	THAICOM 5	78.5	12645	V	30000	2/3	GTH On Air	TV		O
3301	THAICOM 5	78.5	12645	V	30000	2/3	Baby TV Asia	TV		O
3302	THAICOM 5	78.5	12645	V	30000	2/3	Fox News Channel	TV		O
3303	THAICOM 5	78.5	12645	V	30000	2/3	FYI Asia	TV		O
3304	THAICOM 5	78.5	12645	V	30000	2/3	Now HaiRun	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 일표화 등)
3305	THAICOM 5	78.5	12645	V	30000	2/3	Asian Food Channel	TV		O
3306	THAICOM 5	78.5	12657	H	45000	3/4	H2 Asia	TV		O
3307	THAICOM 5	78.5	12657	H	45000	3/4	History HD Asia	TV		O
3308	THAICOM 5	78.5	12657	H	45000	3/4	Cinemax Asia	TV		O
3309	THAICOM 5	78.5	12657	H	45000	3/4	Sundance Channel Asia	TV		O
3310	THAICOM 5	78.5	12657	H	45000	3/4	National Geographic Channel HD Asia	TV		O
3311	THAICOM 5	78.5	12657	H	45000	3/4	All Sports Network 2	TV		O
3312	THAICOM 5	78.5	12657	H	45000	3/4	NBA TV	TV		O
3313	THAICOM 5	78.5	12657	H	45000	3/4	BeIn Sports 1 Thailand	TV		O
3314	THAICOM 5	78.5	12657	H	45000	3/4	KMTV Asia	TV		O
3315	THAICOM 5	78.5	12657	H	45000	3/4	ICconcerts	TV		O
3316	THAICOM 5	78.5	12657	H	45000	3/4	We TV (Thailand)	TV		O
3317	THAICOM 5	78.5	12687	V	30000	2/3	Sun Channel (Thailand)	TV		O
3318	THAICOM 5	78.5	12687	V	30000	2/3	Thai Channel 8	TV		O
3319	THAICOM 5	78.5	12687	V	30000	2/3	TVD Shop	TV		O
3320	THAICOM 5	78.5	12687	V	30000	2/3	Sun Channel (Thailand)	TV		O
3321	THAICOM 5	78.5	12687	V	30000	2/3	Thai Channel 8	TV		O
3322	THAICOM 5	78.5	12687	V	30000	2/3	Thai Channel 2	TV		O
3323	THAICOM 5	78.5	12687	V	30000	2/3	You Channel	TV		O
3324	THAICOM 5	78.5	12687	V	30000	2/3	Sabaidee TV	TV		O
3325	THAICOM 5	78.5	12687	V	30000	2/3	Jewelry Channel	TV		O
3326	THAICOM 5	78.5	12687	V	30000	2/3	Sabaidee Radio	R		O
3327	THAICOM 5	78.5	12720	H	45000	3/4	TNN 24	TV		O
3328	THAICOM 5	78.5	12720	H	45000	3/4	Reality HD	TV		O
3329	THAICOM 5	78.5	12720	H	45000	3/4	Golf Channel Thailand	TV		O
3330	THAICOM 5	78.5	12720	H	45000	3/4	True Tennis	TV		O
3331	THAICOM 5	78.5	12720	H	45000	3/4	TrueSport HD 2	TV		O
3332	THAICOM 5	78.5	12720	H	45000	3/4	TrueSport HD 3	TV		O
3333	THAICOM 5	78.5	12720	H	45000	3/4	TrueSport HD 4	TV		O
3334	THAICOM 5	78.5	12720	H	45000	3/4	True Music	TV		O
3335	THAICOM 5	78.5	12720	H	45000	3/4	KBS World	TV		O
3336	THAICOM 5	78.5	12728	V	30000	2/3	Toonami Thailand	TV		O
3337	THAICOM 5	78.5	12728	V	30000	2/3	Maya 47	TV		O
3338	THAICOM 5	78.5	12728	V	30000	2/3	Jatingja	TV		O
3339	THAICOM 5	78.5	12728	V	30000	2/3	Shop Ch	TV		O
3340	THAICOM 5	78.5	12728	V	30000	2/3	55 Channel	TV		O
3341	THAICOM 5	78.5	12728	V	30000	2/3	Boomerang Thailand	TV		O
3342	THAICOM 5	78.5	12728	V	30000	2/3	Bluesky Channel	TV		O
3343	THAICOM 5	78.5	12728	V	30000	2/3	Hit station	TV		O
3344	THAICOM 5	78.5	12728	V	30000	2/3	Thai Chaiyo	TV		O
3345	THAICOM 5	78.5	12728	V	30000	2/3	MRTV	TV		O
3346	THAICOM 5	78.5	12728	V	30000	2/3	Channel 7 (Myanmar)	TV		O
3347	THAICOM 5	78.5	12728	V	30000	2/3	Mahorasop	TV		O
3348	THAICOM 5	78.5	12728	V	30000	2/3	MRTV 4	TV		O
3349	THAICOM 5	78.5	12728	V	30000	2/3	MWD	TV		O
3350	THAICOM 5	78.5	12728	V	30000	2/3	Democratic Voice of Burma TV	TV		O
3351	THAICOM 5	78.5	12728	V	30000	2/3	M Channel	TV		O
3352	THAICOM 5	78.5	12728	V	30000	2/3	PSI Channel	TV		O
3353	THAICOM 5	78.5	12728	V	30000	2/3	Miracle	TV		O
3354	THAICOM 5	78.5	12728	V	30000	2/3	GangCartoon Channel	TV		O
3355	THAICOM 5	78.5	12728	V	30000	2/3	4050 Channel	TV		O
3356	THAICOM 5	78.5	12728	V	30000	2/3	Lao Star	TV		O
3357	INSAT 4A	83	3725	H	26666	3/4	Sadhna News Uttar Pradesh/Uttarakhand	TV		O
3358	INSAT 4A	83	3725	H	26666	3/4	Sobhagya Mithila TV	TV		O
3359	INSAT 4A	83	3725	H	26666	3/4	Aaseevatham TV	TV	O	
3360	INSAT 4A	83	3725	H	26666	3/4	Jain TV	TV		O
3361	INSAT 4A	83	3725	H	26666	3/4	Chardikla Time TV	TV	O	
3362	INSAT 4A	83	3725	H	26666	3/4	Day & Night News	TV		O
3363	INSAT 4A	83	3725	H	26666	3/4	Disha TV	TV	O	
3364	INSAT 4A	83	3725	H	26666	3/4	Ishwar TV	TV		O
3365	INSAT 4A	83	3725	H	26666	3/4	MBC TV	TV		O
3366	INSAT 4A	83	3725	H	26666	3/4	Sea News	TV		O
3367	INSAT 4A	83	3725	H	26666	3/4	Food Food	TV		O
3368	INSAT 4A	83	3725	H	26666	3/4	Bharat Samachar	TV		O
3369	INSAT 4A	83	3725	H	26666	3/4	Sadhna News Haryana	TV		O
3370	INSAT 4A	83	3725	H	26666	3/4	Reporter 24x7	TV		O
3371	INSAT 4A	83	3725	H	26666	3/4	Gulistan News	TV		O
3372	INSAT 4A	83	3725	H	26666	3/4	Cine 21	TV		O
3373	INSAT 4A	83	3725	H	26666	3/4	Sanatan TV	TV		O
3374	INSAT 4A	83	3756	H	13333	3/4	Manoranjan TV	TV	O	
3375	INSAT 4A	83	3756	H	13333	3/4	Enterr 10	TV	O	
3376	INSAT 4A	83	3756	H	13333	3/4	Dangal TV	TV	O	
3377	INSAT 4A	83	3756	H	13333	3/4	Channel Divya	TV	O	
3378	INSAT 4A	83	3756	H	13333	3/4	Khoj India	TV	O	
3379	INSAT 4A	83	3756	H	13333	3/4	TV 24 (India)	TV	O	
3380	INSAT 4A	83	3756	H	13333	3/4	R-Vision	TV		O
3381	INSAT 4A	83	3756	H	13333	3/4	News Express	TV		O
3382	INSAT 4A	83	3756	H	13333	3/4	A1 TV	TV		O
3383	INSAT 4A	83	3756	H	13333	3/4	Sarthak TV	TV		O
3384	INSAT 4A	83	3756	H	13333	3/4	Prameya News 7	TV		O
3385	INSAT 4A	83	3756	H	13333	3/4	Khushboo TV	TV		O
3386	INSAT 4A	83	3767	H	30000	3/4	SVBC	TV		O
3387	INSAT 4A	83	3777	H	10900	3/4	ABP News India	TV	O	
3388	INSAT 4A	83	3777	H	10900	3/4	ABP News USA	TV		O
3389	INSAT 4A	83	3777	H	10900	3/4	ABP Ananda	TV		O
3390	INSAT 4A	83	3777	H	10900	3/4	ABP Majha	TV		O
3391	INSAT 4A	83	3777	H	10900	3/4	ABP News India	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
3392	INSAT 4A	83	3805	H	28500	7/8	Channel One News	TV		○
3393	INSAT 4A	83	3805	H	28500	7/8	Sudarshan News	TV		○
3394	INSAT 4A	83	3805	H	28500	7/8	Dillagi	TV		○
3395	INSAT 4A	83	3805	H	28500	7/8	Bindass Play	TV		○
3396	INSAT 4A	83	3805	H	28500	7/8	UTV Action	TV		○
3397	INSAT 4A	83	3805	H	28500	7/8	Bindass	TV		○
3398	INSAT 4A	83	3805	H	28500	7/8	UTV Movies	TV		○
3399	INSAT 4A	83	3805	H	28500	7/8	Onkar Only Truth TV	TV		○
3400	INSAT 4A	83	3805	H	28500	7/8	UTV Action Telugu	TV		○
3401	INSAT 4A	83	3805	H	28500	7/8	Disney Junior India	TV		○
3402	INSAT 4A	83	3805	H	28500	7/8	Wellness	TV		○
3403	INSAT 4A	83	3805	H	28500	7/8	Cee News	TV		○
3404	INSAT 4A	83	3805	H	28500	7/8	Dhamaal	TV		○
3405	INSAT 4A	83	3805	H	28500	7/8	Maiboli	TV		○
3406	INSAT 4A	83	3805	H	28500	7/8	Dabangg	TV		○
3407	INSAT 4A	83	3805	H	28500	7/8	9XO	TV		○
3408	INSAT 4A	83	3805	H	28500	7/8	9X Jalwa	TV		○
3409	INSAT 4A	83	3805	H	28500	7/8	Ashirwad Classic	TV		○
3410	INSAT 4A	83	3805	H	28500	7/8	ETV Gujarati News	TV		○
3411	INSAT 4A	83	3841	H	6920	7/8	Tarang TV	TV		○
3412	INSAT 4A	83	3841	H	6920	7/8	Tarang Music	TV		○
3413	INSAT 4A	83	3841	H	6920	7/8	Odisha TV	TV		○
3414	INSAT 4A	83	3841	H	6920	7/8	Prarthana TV	TV		○
3415	INSAT 4A	83	3841	H	6920	7/8	Alankar TV	TV		○
3416	INSAT 4A	83	3847	H	3333	3/4	Samaya News	TV	○	
3417	INSAT 4A	83	3860	H	6920	3/4	Kasthuri TV	TV		○
3418	INSAT 4A	83	3860	H	6920	3/4	Kasthuri Newz 24	TV		○
3419	INSAT 4A	83	3868	H	3000	3/4	KBC News	TV	○	
3420	INSAT 4A	83	3874	H	3650	3/4	Kamyab TV	TV		○
3421	INSAT 4A	83	3874	H	3650	3/4	News Express	TV		○
3422	INSAT 4A	83	3874	H	3650	3/4	Naxatra News Hindi	TV		○
3423	INSAT 4A	83	3884	H	4440	3/4	Sakshi TV	TV		○
3424	INSAT 4A	83	3892	H	3300	3/4	Vanitha TV	TV	○	
3425	INSAT 4A	83	3898	H	6800	3/4	NTV (India)	TV	○	
3426	INSAT 4A	83	3898	H	6800	3/4	Bhakthi TV	TV	○	
3427	INSAT 4A	83	3909	H	4000	3/4	ETV Bangla News	TV		○
3428	INSAT 4A	83	3909	H	4000	3/4	ETV Kannada News	TV		○
3429	INSAT 4A	83	3909	H	4000	3/4	ETV Himachal Pradesh/Haryana	TV		○
3430	INSAT 4A	83	3921	H	13000	7/8	Sangeet Bangla	TV		○
3431	INSAT 4A	83	3921	H	13000	7/8	99 TV	TV		○
3432	INSAT 4A	83	3921	H	13000	7/8	TV 100 Himalaya	TV		○
3433	INSAT 4A	83	3921	H	13000	7/8	Music India	TV		○
3434	INSAT 4A	83	3921	H	13000	7/8	Sadhna News Madya Pradesh/Chhattisgarh	TV		○
3435	INSAT 4A	83	3921	H	13000	7/8	Total News	TV		○
3436	INSAT 4A	83	3921	H	13000	7/8	Maurya TV	TV		○
3437	INSAT 4A	83	3921	H	13000	7/8	Shri News	TV		○
3438	INSAT 4A	83	3921	H	13000	7/8	Care World TV	TV		○
3439	INSAT 4A	83	3921	H	13000	7/8	BTV News	TV		○
3440	INSAT 4A	83	3921	H	13000	7/8	Jia News	TV		○
3441	INSAT 4A	83	3936	H	10100	7/8	9XM	TV		○
3442	INSAT 4A	83	3936	H	10100	7/8	9X	TV		○
3443	INSAT 4A	83	3936	H	10100	7/8	9X Jhakaas	TV		○
3444	INSAT 4A	83	3936	H	10100	7/8	Bible TV	TV		○
3445	INSAT 4A	83	3936	H	10100	7/8	Mastii	TV		○
3446	INSAT 4A	83	3936	H	10100	7/8	Paras TV Channel	TV		○
3447	INSAT 4A	83	3936	H	10100	7/8	Channel 2	TV		○
3448	INSAT 4A	83	3936	H	10100	7/8	APN News	TV		○
3449	INSAT 4A	83	3949	H	3673	5/6	DY 365	TV		○
3450	INSAT 4A	83	3949	H	3673	5/6	Zonet	TV		○
3451	INSAT 4A	83	3949	H	3673	5/6	News 11	TV		○
3452	INSAT 4A	83	3949	H	3673	5/6	Jonakk	TV		○
3453	INSAT 4A	83	3958	H	9500	7/8	Mahuaa TV	TV		○
3454	INSAT 4A	83	3958	H	9500	7/8	Mahuaa Plus	TV		○
3455	INSAT 4A	83	3958	H	9500	7/8	Mahuaa News	TV		○
3456	INSAT 4A	83	3958	H	9500	7/8	1st India	TV		○
3457	INSAT 4A	83	3976	H	3200	3/4	Zee Sangam	TV		○
3458	INSAT 4A	83	4004	H	22220	5/6	ETV Telugu	TV		○
3459	INSAT 4A	83	4004	H	22220	5/6	ETV Bangla	TV		○
3460	INSAT 4A	83	4004	H	22220	5/6	ETV Marathi	TV		○
3461	INSAT 4A	83	4004	H	22220	5/6	ETV Kannada	TV		○
3462	INSAT 4A	83	4004	H	22220	5/6	ETV Urdu	TV		○
3463	INSAT 4A	83	4004	H	22220	5/6	ETV Gujarati	TV		○
3464	INSAT 4A	83	4004	H	22220	5/6	ETV Odia	TV		○
3465	INSAT 4A	83	4004	H	22220	5/6	ETV Andhra Pradesh	TV		○
3466	INSAT 4A	83	4004	H	22220	5/6	ETV Uttar Pradesh Uttarakhnad	TV		○
3467	INSAT 4A	83	4004	H	22220	5/6	ETV Madhya Pradesh Chattisgarh	TV		○
3468	INSAT 4A	83	4004	H	22220	5/6	ETV Rajasthan	TV		○
3469	INSAT 4A	83	4004	H	22220	5/6	ETV Bihar Jharkhand	TV		○
3470	INSAT 4A	83	4004	H	22220	5/6	ETV Telangana	TV		○
3471	INSAT 4A	83	4030	H	4440	3/4	Mh One News	TV		○
3472	INSAT 4A	83	4030	H	4440	3/4	Mh One Music	TV		○
3473	INSAT 4A	83	4030	H	4440	3/4	Shraddha Mh One	TV		○
3474	INSAT 4A	83	4040	H	7500	7/8	Kaatayani TV	TV		○
3475	INSAT 4A	83	4040	H	7500	7/8	Saam TV	TV		○
3476	INSAT 4A	83	4040	H	7500	7/8	Sangeet Bhojpuri	TV		○
3477	INSAT 4A	83	4040	H	7500	7/8	A2Z News	TV		○
3478	INSAT 4A	83	4040	H	7500	7/8	Prabhatam News	TV		○



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3479	INSAT 4A	83	4054	H	13230	3/4	Bansal News	TV		O
3480	INSAT 4A	83	4054	H	13230	3/4	Cuisine TV	TV		O
3481	INSAT 4A	83	4054	H	13230	3/4	Sation News	TV		O
3482	INSAT 4A	83	4054	H	13230	3/4	Explore Travel Channel	TV		O
3483	INSAT 4A	83	4054	H	13230	3/4	Channel Lemon	TV		O
3484	INSAT 4A	83	4054	H	13230	3/4	Vision Siksha	TV		O
3485	INSAT 4A	83	4054	H	13230	3/4	Vision TV	TV		O
3486	INSAT 4A	83	4054	H	13230	3/4	Arihant TV	TV		O
3487	INSAT 4A	83	4054	H	13230	3/4	Peace of Mind TV	TV		O
3488	INSAT 4A	83	4054	H	13230	3/4	IConcerts	TV		O
3489	INSAT 4A	83	4072	H	6500	3/4	Home Shop 18	TV		O
3490	INSAT 4A	83	4072	H	6500	3/4	News 18	TV		O
3491	INSAT 4A	83	4072	H	6500	3/4	Topper TV	TV		O
3492	INSAT 4A	83	4087	H	3300	3/4	Live India	TV	O	
3493	INSAT 4A	83	4091	H	3000	3/4	Mi Marathi	TV	O	
3494	INSAT 4A	83	4096	H	2170	2/3	CTVN AKD Plus	TV		O
3495	INSAT 4A	83	4096	H	2170	2/3	Uttar Bangla	TV		O
3496	INSAT 4A	83	4100	H	4750	3/4	BBS TV (Bhutan)	TV		O
3497	INSAT 4A	83	4100	H	4750	3/4	BBS Channel 2	TV		O
3498	INSAT 4A	83	4100	H	4750	3/4	BBS Radio	R	O	
3499	INSAT 4A	83	4100	H	4750	3/4	Kuzoo FM 90	R	O	
3500	INSAT 4A	83	4115	H	7776	3/4	Manorama News Central	TV		O
3501	INSAT 4A	83	4115	H	7776	3/4	Manorama News North	TV		O
3502	INSAT 4A	83	4115	H	7776	3/4	Manorama News South	TV		O
3503	INSAT 4A	83	4115	H	7776	3/4	Mazhavil Manorama	TV		O
3504	INSAT 4A	83	4133	H	11888	3/4	News 24 (India)	TV		O
3505	INSAT 4A	83	4133	H	11888	3/4	E 24	TV		O
3506	INSAT 4A	83	4133	H	11888	3/4	Royal TV (India)	TV		O
3507	INSAT 4A	83	4133	H	11888	3/4	Lord Buddha TV	TV		O
3508	INSAT 4A	83	4133	H	11888	3/4	JK News	TV		O
3509	INSAT 4A	83	4133	H	11888	3/4	Darshan 24	TV		O
3510	INSAT 4A	83	4133	H	11888	3/4	Voice of Nation	TV		O
3511	INSAT 4A	83	4133	H	11888	3/4	Soham TV	TV		O
3512	INSAT 4A	83	4151	H	6500	3/4	Zee 24 Ghanta	TV		O
3513	INSAT 4A	83	4151	H	6500	3/4	Zee Kannada	TV		O
3514	INSAT 4A	83	4151	H	6500	3/4	Zee Telugu	TV		O
3515	INSAT 4A	83	4161	H	6500	3/4	Zee 24 Taas	TV		O
3516	INSAT 4A	83	4161	H	6500	3/4	Zee Kalinga	TV		O
3517	INSAT 4A	83	4161	H	6500	3/4	Zee Talkies	TV		O
3518	INSAT 4A	83	4170	H	4650	3/4	Lok Sabha TV	TV		O
3519	INSAT 4A	83	4175	H	2977	5/6	ETV Telugu	TV		O
3520	INSAT 4A	83	4180	H	3233	3/4	Kolkata TV	TV		O
3521	INSAT 4A	83	10970	H	30000	3/4	Discovery HD World India	TV		O
3522	INSAT 4A	83	10970	H	30000	3/4	National Geographic Channel HD Asia	TV		O
3523	INSAT 4A	83	10970	H	30000	3/4	Gemini TV	TV		O
3524	INSAT 4A	83	10970	H	30000	3/4	CNBC TV 18	TV		O
3525	INSAT 4A	83	10970	H	30000	3/4	Sun TV (India)	TV		O
3526	INSAT 4A	83	10970	H	30000	3/4	Star Movies HD India	TV		O
3527	INSAT 4A	83	10970	H	30000	3/4	Star Sports HD 2	TV		O
3528	INSAT 4A	83	10970	H	30000	3/4	Zee Studio	TV		O
3529	INSAT 4A	83	10970	H	30000	3/4	Zee TV HD	TV		O
3530	INSAT 4A	83	10970	H	30000	3/4	Zee Cinema Asia	TV		O
3531	INSAT 4A	83	10970	H	30000	3/4	Movies Now	TV		O
3532	INSAT 4A	83	11010	H	27500	3/4	Star Plus India (17-)	TV		O
3533	INSAT 4A	83	11010	H	27500	3/4	SET India	TV		O
3534	INSAT 4A	83	11010	H	27500	3/4	Colors	TV		O
3535	INSAT 4A	83	11010	H	27500	3/4	Zee TV India	TV		O
3536	INSAT 4A	83	11010	H	27500	3/4	Life OK India	TV		O
3537	INSAT 4A	83	11010	H	27500	3/4	Star Gold India	TV		O
3538	INSAT 4A	83	11010	H	27500	3/4	Movies OK	TV		O
3539	INSAT 4A	83	11010	H	27500	3/4	Sony SAB TV India (13-)	TV		O
3540	INSAT 4A	83	11010	H	27500	3/4	Zee Cinema Asia	TV		O
3541	INSAT 4A	83	11010	H	27500	3/4	Channel 100	TV		O
3542	INSAT 4A	83	11010	H	27500	3/4	Pogo	TV		O
3543	INSAT 4A	83	11010	H	27500	3/4	Cartoon Network India	TV		O
3544	INSAT 4A	83	11010	H	27500	3/4	Sony Max Asia	TV		O
3545	INSAT 4A	83	11050	H	32000	5/6	HBO Defined	TV		O
3546	INSAT 4A	83	11050	H	32000	5/6	HBO Hits	TV		O
3547	INSAT 4A	83	11050	H	32000	5/6	Star World Premiere HD	TV		O
3548	INSAT 4A	83	11050	H	32000	5/6	Colors	TV		O
3549	INSAT 4A	83	11050	H	32000	5/6	Star Plus HD India	TV		O
3550	INSAT 4A	83	11050	H	32000	5/6	Star Sports HD 1	TV		O
3551	INSAT 4A	83	11050	H	32000	5/6	Life OK India	TV		O
3552	INSAT 4A	83	11050	H	32000	5/6	SET India	TV		O
3553	INSAT 4A	83	11050	H	32000	5/6	Sony Six	TV		O
3554	INSAT 4A	83	11050	H	32000	5/6	Star Gold HD India	TV		O
3555	INSAT 4A	83	11090	H	32000	7/8	Lok Sabha TV	TV		O
3556	INSAT 4A	83	11090	H	32000	7/8	DD Urdu	TV		O
3557	INSAT 4A	83	11090	H	32000	7/8	Channel V India	TV		O
3558	INSAT 4A	83	11090	H	32000	7/8	ETV Rajasthan	TV		O
3559	INSAT 4A	83	11090	H	32000	7/8	GS TV (India)	TV		O
3560	INSAT 4A	83	11090	H	32000	7/8	ABP News India	TV		O
3561	INSAT 4A	83	11090	H	32000	7/8	Nickelodeon India	TV		O
3562	INSAT 4A	83	11090	H	32000	7/8	Aastha TV	TV		O
3563	INSAT 4A	83	11090	H	32000	7/8	Sanskar TV	TV		O
3564	INSAT 4A	83	11090	H	32000	7/8	Zee Punjabi	TV		O
3565	INSAT 4A	83	11090	H	32000	7/8	India TV (India)	TV		O

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3566	INSAT 4A	83	11090	H	32000	7/8	News 24 (India)	TV		O
3567	INSAT 4A	83	11090	H	32000	7/8	Shraddha Mh One	TV		O
3568	INSAT 4A	83	11090	H	32000	7/8	Mahuaa TV	TV		O
3569	INSAT 4A	83	11090	H	32000	7/8	MTV India	TV		O
3570	INSAT 4A	83	11090	H	32000	7/8	Rajya Sabha TV	TV		O
3571	INSAT 4A	83	11090	H	32000	7/8	Nat Geo Wild Asia	TV		O
3572	INSAT 4A	83	11090	H	32000	7/8	Nick Jr India	TV		O
3573	INSAT 4A	83	11090	H	32000	7/8	Sony Six	TV		O
3574	INSAT 4A	83	11130	H	32000	7/8	DD News	TV		O
3575	INSAT 4A	83	11130	H	32000	7/8	NDTV India	TV		O
3576	INSAT 4A	83	11130	H	32000	7/8	Zee News	TV		O
3577	INSAT 4A	83	11130	H	32000	7/8	Discovery Channel India	TV		O
3578	INSAT 4A	83	11130	H	32000	7/8	Zee Zindagi	TV		O
3579	INSAT 4A	83	11130	H	32000	7/8	Ten Action	TV		O
3580	INSAT 4A	83	11130	H	32000	7/8	DD North-East	TV		O
3581	INSAT 4A	83	11130	H	32000	7/8	9XM	TV		O
3582	INSAT 4A	83	11130	H	32000	7/8	Zee Salaam	TV		O
3583	INSAT 4A	83	11130	H	32000	7/8	IBN 7	TV		O
3584	INSAT 4A	83	11130	H	32000	7/8	News Live	TV		O
3585	INSAT 4A	83	11130	H	32000	7/8	DD Sports	TV		O
3586	INSAT 4A	83	11130	H	32000	7/8	Ten Sports India	TV		O
3587	INSAT 4A	83	11130	H	32000	7/8	CNBC Awaaz	TV		O
3588	INSAT 4A	83	11130	H	32000	7/8	& TV	TV		O
3589	INSAT 4A	83	11130	H	32000	7/8	9X Tashan	TV		O
3590	INSAT 4A	83	11130	H	32000	7/8	Disney Junior India	TV		O
3591	INSAT 4A	83	11170	H	32000	7/8	Sony Pal	TV		O
3592	INSAT 4A	83	11170	H	32000	7/8	Zee Premier	TV		O
3593	INSAT 4A	83	11170	H	32000	7/8	Hungama TV	TV		O
3594	INSAT 4A	83	11170	H	32000	7/8	Disney Channel India	TV		O
3595	INSAT 4A	83	11170	H	32000	7/8	Star Sports 3	TV		O
3596	INSAT 4A	83	11170	H	32000	7/8	Baby TV Asia	TV		O
3597	INSAT 4A	83	11170	H	32000	7/8	Zee Classic	TV		O
3598	INSAT 4A	83	11170	H	32000	7/8	Zee Anmol	TV		O
3599	INSAT 4A	83	11170	H	32000	7/8	Star Utsav	TV		O
3600	INSAT 4A	83	11170	H	32000	7/8	ETV Madhya Pradesh Chattisgarh	TV		O
3601	INSAT 4A	83	11170	H	32000	7/8	VH1 India	TV		O
3602	INSAT 4A	83	11170	H	32000	7/8	UTV Movies	TV		O
3603	INSAT 4A	83	11170	H	32000	7/8	Aaj Tak	TV		O
3604	INSAT 4A	83	11170	H	32000	7/8	& pictures	TV		O
3605	INSAT 4A	83	11170	H	32000	7/8	UTV Action	TV		O
3606	INSAT 4A	83	11170	H	32000	7/8	Nickelodeon India	TV		O
3607	INSAT 4A	83	11470	H	30000	5/6	Kalaigarn Murasu TV	TV		O
3608	INSAT 4A	83	11470	H	30000	5/6	Adithya TV	TV		O
3609	INSAT 4A	83	11470	H	30000	5/6	Sakshi TV	TV		O
3610	INSAT 4A	83	11470	H	30000	5/6	Udaya News	TV		O
3611	INSAT 4A	83	11470	H	30000	5/6	Mazhavil Manorama	TV		O
3612	INSAT 4A	83	11470	H	30000	5/6	Polimer	TV		O
3613	INSAT 4A	83	11470	H	30000	5/6	Asianet News	TV		O
3614	INSAT 4A	83	11470	H	30000	5/6	KTV (India)	TV		O
3615	INSAT 4A	83	11470	H	30000	5/6	Puthiya Thalaimurai	TV		O
3616	INSAT 4A	83	11470	H	30000	5/6	TV 5 News	TV		O
3617	INSAT 4A	83	11470	H	30000	5/6	Vasanth TV	TV		O
3618	INSAT 4A	83	11470	H	30000	5/6	Pepsi MTV Indies	TV		O
3619	INSAT 4A	83	11470	H	30000	5/6	ABN (India)	TV		O
3620	INSAT 4A	83	11470	H	30000	5/6	Isai Aruvi	TV		O
3621	INSAT 4A	83	11470	H	30000	5/6	Chutti TV	TV		O
3622	INSAT 4A	83	11470	H	30000	5/6	Raj TV (India)	TV		O
3623	INSAT 4A	83	11470	H	30000	5/6	Maa Music	TV		O
3624	INSAT 4A	83	11470	H	30000	5/6	Thanthi TV	TV		O
3625	INSAT 4A	83	11470	H	30000	5/6	Jaya Max	TV		O
3626	INSAT 4A	83	11470	H	30000	5/6	Makkal TV	TV		O
3627	INSAT 4A	83	11470	H	30000	5/6	Asianet Plus	TV		O
3628	INSAT 4A	83	11470	H	30000	5/6	Asianet Movies	TV		O
3629	INSAT 4A	83	11470	H	30000	5/6	Amrita TV	TV		O
3630	INSAT 4A	83	11470	H	30000	5/6	DD Malayalam	TV		O
3631	INSAT 4A	83	11470	H	30000	5/6	Kairali TV	TV		O
3632	INSAT 4A	83	11470	H	30000	5/6	We	TV		O
3633	INSAT 4A	83	11470	H	30000	5/6	Kochu TV	TV		O
3634	INSAT 4A	83	11470	H	30000	5/6	Indiavision	TV		O
3635	INSAT 4A	83	11470	H	30000	5/6	Jaihind TV	TV		O
3636	INSAT 4A	83	11470	H	30000	5/6	Reporter	TV		O
3637	INSAT 4A	83	11470	H	30000	5/6	Jeevan TV	TV		O
3638	INSAT 4A	83	11470	H	30000	5/6	Mathrubhumi News	TV		O
3639	INSAT 4A	83	11470	H	30000	5/6	Shalom TV India	TV		O
3640	INSAT 4A	83	11470	H	30000	5/6	Surya TV	TV		O
3641	INSAT 4A	83	11470	H	30000	5/6	Kolkata TV	TV		O
3642	INSAT 4A	83	11470	H	30000	5/6	Ten HD	TV		O
3643	INSAT 4A	83	11470	H	30000	5/6	Sarthak TV	TV		O
3644	INSAT 4A	83	11470	H	30000	5/6	Prarthana TV	TV		O
3645	INSAT 4A	83	11470	H	30000	5/6	M Tunes HD	TV		O
3646	INSAT 4A	83	11470	H	30000	5/6	Zee Cinema Asia	TV		O
3647	INSAT 4A	83	11470	H	30000	5/6	Movies Now	TV		O
3648	INSAT 4A	83	11510	H	30000	5/6	Jaya TV (India)	TV		O
3649	INSAT 4A	83	11510	H	30000	5/6	BBC World News South Asia	TV		O
3650	INSAT 4A	83	11510	H	30000	5/6	Maa TV	TV		O
3651	INSAT 4A	83	11510	H	30000	5/6	Sun Music	TV		O
3652	INSAT 4A	83	11510	H	30000	5/6	Zee Bangla Cinema	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 일표화 등)
3653	INSAT 4A	83	11510	H	30000	5/6	Zee Telugu	TV		O
3654	INSAT 4A	83	11510	H	30000	5/6	Maa Movies	TV		O
3655	INSAT 4A	83	11510	H	30000	5/6	Asianet Suvarna	TV		O
3656	INSAT 4A	83	11510	H	30000	5/6	Zee Kannada	TV		O
3657	INSAT 4A	83	11510	H	30000	5/6	Aakaash Aath	TV		O
3658	INSAT 4A	83	11510	H	30000	5/6	ABP Ananda	TV		O
3659	INSAT 4A	83	11510	H	30000	5/6	Sun News (India)	TV		O
3660	INSAT 4A	83	11510	H	30000	5/6	Kiran TV	TV		O
3661	INSAT 4A	83	11510	H	30000	5/6	Kalaingar TV	TV		O
3662	INSAT 4A	83	11510	H	30000	5/6	Star Vijay India	TV		O
3663	INSAT 4A	83	11510	H	30000	5/6	Aath	TV		O
3664	INSAT 4A	83	11510	H	30000	5/6	Kasthuri TV	TV		O
3665	INSAT 4A	83	11510	H	30000	5/6	Suvarna News 24x7	TV		O
3666	INSAT 4A	83	11510	H	30000	5/6	Al Jazeera English	TV		O
3667	INSAT 4A	83	11510	H	30000	5/6	Asianet	TV		O
3668	INSAT 4A	83	11510	H	30000	5/6	Focus NE	TV		O
3669	INSAT 4A	83	11510	H	30000	5/6	Zee Tamizh	TV		O
3670	INSAT 4A	83	11510	H	30000	5/6	SVBC	TV		O
3671	INSAT 4A	83	11510	H	30000	5/6	Aaseervatham TV	TV		O
3672	INSAT 4A	83	11510	H	30000	5/6	Bhakti TV	TV		O
3673	INSAT 4A	83	11510	H	30000	5/6	Shraddha Mh One	TV		O
3674	INSAT 4A	83	11510	H	30000	5/6	Sankara TV	TV		O
3675	INSAT 4A	83	11510	H	30000	5/6	Subhavaartha TV	TV		O
3676	INSAT 4A	83	11510	H	30000	5/6	Zee Marathi	TV		O
3677	INSAT 4A	83	11510	H	30000	5/6	HBO Defined	TV		O
3678	INSAT 4A	83	11510	H	30000	5/6	HBO Hits	TV		O
3679	INSAT 4A	83	11510	H	30000	5/6	Fox Crime India	TV		O
3680	INSAT 4A	83	11510	H	30000	5/6	News Express	TV		O
3681	INSAT 4A	83	11510	H	30000	5/6	News Nation	TV		O
3682	INSAT 4A	83	11510	H	30000	5/6	Jai Maharashtra	TV		O
3683	INSAT 4A	83	11510	H	30000	5/6	Home Shop 18	TV		O
3684	INSAT 4A	83	11510	H	30000	5/6	Zee Rajasthan Plus Marudhara	TV		O
3685	INSAT 4A	83	11510	H	30000	5/6	Jaya Plus	TV		O
3686	INSAT 4A	83	11510	H	30000	5/6	Zee 24 Taas	TV		O
3687	INSAT 4A	83	11510	H	30000	5/6	CNN-IBN	TV		O
3688	INSAT 4A	83	11510	H	30000	5/6	Rishtey	TV		O
3689	INSAT 4A	83	11510	H	30000	5/6	Zee Action	TV		O
3690	INSAT 4A	83	11550	H	32000	7/8	History TV 18	TV		O
3691	INSAT 4A	83	11550	H	32000	7/8	Sahara One	TV		O
3692	INSAT 4A	83	11550	H	32000	7/8	Animal Planet India	TV		O
3693	INSAT 4A	83	11550	H	32000	7/8	Star Sports 1	TV		O
3694	INSAT 4A	83	11550	H	32000	7/8	Topper TV	TV		O
3695	INSAT 4A	83	11550	H	32000	7/8	National Geographic Channel India	TV		O
3696	INSAT 4A	83	11550	H	32000	7/8	Disney XD India	TV		O
3697	INSAT 4A	83	11550	H	32000	7/8	ETV Gujarati	TV		O
3698	INSAT 4A	83	11550	H	32000	7/8	Discovery Kids South East Asia	TV		O
3699	INSAT 4A	83	11550	H	32000	7/8	ETV Urdu	TV		O
3700	INSAT 4A	83	11550	H	32000	7/8	Star Sports 4	TV		O
3701	INSAT 4A	83	11550	H	32000	7/8	Ten Cricket India	TV		O
3702	INSAT 4A	83	11550	H	32000	7/8	Sony Mix	TV		O
3703	INSAT 4A	83	11550	H	32000	7/8	DY 365	TV		O
3704	INSAT 4A	83	11550	H	32000	7/8	E 24	TV		O
3705	INSAT 4A	83	11550	H	32000	7/8	Rang	TV		O
3706	INSAT 4A	83	11550	H	32000	7/8	DD National	TV		O
3707	INSAT 4A	83	11550	H	32000	7/8	PTC Punjabi	TV		O
3708	INSAT 4A	83	11590	H	30000	3/4	ETV Telugu	TV		O
3709	INSAT 4A	83	11590	H	30000	3/4	Sony Pix	TV		O
3710	INSAT 4A	83	11590	H	30000	3/4	NDTV Good Times	TV		O
3711	INSAT 4A	83	11590	H	30000	3/4	AMC Asia	TV		O
3712	INSAT 4A	83	11590	H	30000	3/4	Tarang TV	TV		O
3713	INSAT 4A	83	11590	H	30000	3/4	Zee Studio	TV		O
3714	INSAT 4A	83	11590	H	30000	3/4	Zee Café	TV		O
3715	INSAT 4A	83	11590	H	30000	3/4	WB India	TV		O
3716	INSAT 4A	83	11590	H	30000	3/4	Sangeet Bangla	TV		O
3717	INSAT 4A	83	11590	H	30000	3/4	ETV Odia	TV		O
3718	INSAT 4A	83	11590	H	30000	3/4	Zee Bangla	TV		O
3719	INSAT 4A	83	11590	H	30000	3/4	Movies Now	TV		O
3720	INSAT 4A	83	11590	H	30000	3/4	Focus Haryana	TV		O
3721	INSAT 4A	83	11590	H	30000	3/4	Udaya Music	TV		O
3722	INSAT 4A	83	11590	H	30000	3/4	Saam TV	TV		O
3723	INSAT 4A	83	11590	H	30000	3/4	TV 9 Karnataka	TV		O
3724	INSAT 4A	83	11590	H	30000	3/4	ETV Kannada	TV		O
3725	INSAT 4A	83	11590	H	30000	3/4	Jalsha Movies	TV		O
3726	INSAT 4A	83	11590	H	30000	3/4	News X	TV		O
3727	INSAT 4A	83	11590	H	30000	3/4	Paras TV Channel	TV		O
3728	INSAT 4A	83	11590	H	30000	3/4	Disha TV	TV		O
3729	INSAT 4A	83	11590	H	30000	3/4	Sirippoli	TV		O
3730	INSAT 4A	83	11590	H	30000	3/4	Udaya Comedy	TV		O
3731	INSAT 4A	83	11590	H	30000	3/4	Odisha TV	TV		O
3732	INSAT 4A	83	11590	H	30000	3/4	Zee Kalinga	TV		O
3733	INSAT 4A	83	11590	H	30000	3/4	MBC TV	TV		O
3734	INSAT 4A	83	11590	H	30000	3/4	Kanak TV	TV		O
3735	INSAT 4A	83	11590	H	30000	3/4	Public TV	TV		O
3736	INSAT 4A	83	11590	H	30000	3/4	CNBC Bajar	TV		O
3737	INSAT 4A	83	11590	H	30000	3/4	Focus News	TV		O
3738	INSAT 4A	83	11590	H	30000	3/4	Udaya TV	TV		O
3739	INSAT 4A	83	11590	H	30000	3/4	Gemini TV	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
3740	INSAT 4A	83	11590	H	30000	3/4	Samay	TV		O
3741	INSAT 4A	83	11630	H	32000	7/8	Showcase 1	TV		O
3742	INSAT 4A	83	11630	H	32000	7/8	Showcase 2 (India)	TV		O
3743	INSAT 4A	83	11630	H	32000	7/8	Showcase 3	TV		O
3744	INSAT 4A	83	11630	H	32000	7/8	Showcase 4	TV		O
3745	INSAT 4A	83	11630	H	32000	7/8	E 24	TV		O
3746	INSAT 4A	83	11630	H	32000	7/8	Sun TV (India)	TV		O
3747	INSAT 4A	83	11630	H	32000	7/8	Sony Mix	TV		O
3748	INSAT 4A	83	11630	H	32000	7/8	Star CJ Alive	TV		O
3749	INSAT 4A	83	11630	H	32000	7/8	India News	TV		O
3750	INSAT 4A	83	11630	H	32000	7/8	Hungama TV	TV		O
3751	INSAT 4A	83	11630	H	32000	7/8	Ten Action +	TV		O
3752	INSAT 4A	83	11630	H	32000	7/8	Zee Talkies	TV		O
3753	INSAT 4A	83	11630	H	32000	7/8	DD Oriya	TV		O
3754	INSAT 4A	83	11630	H	32000	7/8	Zee Salaam	TV		O
3755	INSAT 4A	83	11630	H	32000	7/8	DD Sahyadri	TV		O
3756	INSAT 4A	83	11630	H	32000	7/8	Samay	TV		O
3757	INSAT 4A	83	11630	H	32000	7/8	ABP Majha	TV		O
3758	INSAT 4A	83	11630	H	32000	7/8	Zee Classic	TV		O
3759	INSAT 4A	83	11630	H	32000	7/8	Zee Anmol	TV		O
3760	INSAT 4A	83	11630	H	32000	7/8	Satlon News	TV		O
3761	INSAT 4A	83	11630	H	32000	7/8	VH1 India	TV		O
3762	INSAT 4A	83	11630	H	32000	7/8	Tata Music 1	TV		O
3763	INSAT 4A	83	11630	H	32000	7/8	Tata Music 2	TV		O
3764	INSAT 4A	83	11630	H	32000	7/8	Tata Music 3	TV		O
3765	INSAT 4A	83	11630	H	32000	7/8	Tata Music 4	TV		O
3766	INSAT 4A	83	11630	H	32000	7/8	Tata Music 5	TV		O
3767	INSAT 4A	83	11630	H	32000	7/8	Tata Music 6	TV		O
3768	INSAT 4A	83	11630	H	32000	7/8	Tata Music 7	TV		O
3769	INSAT 4A	83	11630	H	32000	7/8	Tata Music 8	TV		O
3770	INSAT 4A	83	11630	H	32000	7/8	Tata Music 9	TV		O
3771	INSAT 4A	83	11630	H	32000	7/8	Tata Music 10	TV		O
3772	INSAT 4A	83	11670	H	32000	7/8	Nepal 1	TV		O
3773	INSAT 4A	83	11670	H	32000	7/8	Bindass	TV		O
3774	INSAT 4A	83	11670	H	32000	7/8	IBC 24	TV		O
3775	INSAT 4A	83	11670	H	32000	7/8	India News	TV		O
3776	INSAT 4A	83	11670	H	32000	7/8	Zee Business	TV		O
3777	INSAT 4A	83	11670	H	32000	7/8	ETV Bihar Jharkhand	TV		O
3778	INSAT 4A	83	11670	H	32000	7/8	TV 9 Gujarat	TV		O
3779	INSAT 4A	83	11670	H	32000	7/8	Fox Life India	TV		O
3780	INSAT 4A	83	11670	H	32000	7/8	Filmy	TV		O
3781	INSAT 4A	83	11670	H	32000	7/8	PTC Chak De	TV		O
3782	INSAT 4A	83	11670	H	32000	7/8	Bindass Play	TV		O
3783	INSAT 4A	83	11670	H	32000	7/8	DD Kashir	TV		O
3784	INSAT 4A	83	11670	H	32000	7/8	Discovery Science Channel South East Asia	TV		O
3785	INSAT 4A	83	11670	H	32000	7/8	ETV Uttar Pradesh Uttarakhand	TV		O
3786	INSAT 4A	83	11670	H	32000	7/8	PTC News	TV		O
3787	INSAT 4A	83	11670	H	32000	7/8	Zoom (India)	TV		O
3788	INSAT 4A	83	11670	H	32000	7/8	Star Sports 2	TV		O
3789	INSAT 4A	83	11670	H	32000	7/8	Zee Q	TV		O
3790	INTELSAT 15	85	12460	H	2000	5/6	Hona Baghdad Satellite Channel	TV		O
3791	INTELSAT 15	85	12515	V	3353	3/4	Bashkirkoe Sputnikkovoe TV	TV		O
3792	INTELSAT 15	85	12515	V	3353	3/4	Kurai TV	TV		O
3793	INTELSAT 15	85	12515	V	3353	3/4	Uldash FM	R		O
3794	INTELSAT 15	85	12515	V	3353	3/4	Sputnik FM	R		O
3795	INTELSAT 15	85	12515	V	3353	3/4	Ashkadar FM	R		O
3796	INTELSAT 15	85	12560	V	30000	5/6	Da Vinci Learning	TV		O
3797	INTELSAT 15	85	12560	V	30000	5/6	TV 1000 Russkoe Kino	TV		O
3798	INTELSAT 15	85	12560	V	30000	5/6	TV 1000 Action (04-24)	TV		O
3799	INTELSAT 15	85	12560	V	30000	5/6	TV 1000 East	TV		O
3800	INTELSAT 15	85	12560	V	30000	5/6	Viasat Explore Russia	TV		O
3801	INTELSAT 15	85	12560	V	30000	5/6	Viasat History	TV		O
3802	INTELSAT 15	85	12560	V	30000	5/6	Viasat Nature East	TV		O
3803	INTELSAT 15	85	12560	V	30000	5/6	Viasat Sport East	TV		O
3804	INTELSAT 15	85	12560	V	30000	5/6	KHL TV HD	TV		O
3805	INTELSAT 15	85	12560	V	30000	5/6	Ocean TV	TV		O
3806	INTELSAT 15	85	12560	V	30000	5/6	Mir Seriala	TV		O
3807	INTELSAT 15	85	12560	V	30000	5/6	Detski Mir	TV		O
3808	INTELSAT 15	85	12560	V	30000	5/6	Sport Plus (Russia)	TV		O
3809	INTELSAT 15	85	12560	V	30000	5/6	Shanson TV	TV		O
3810	INTELSAT 15	85	12600	V	30000	2/3	Travel Channel Europe	TV		O
3811	INTELSAT 15	85	12600	V	30000	2/3	Gulli	TV		O
3812	INTELSAT 15	85	12600	V	30000	2/3	Evronovosti	TV		O
3813	INTELSAT 15	85	12600	V	30000	2/3	Zee TV Russia	TV		O
3814	INTELSAT 15	85	12600	V	30000	2/3	Tiji	TV		O
3815	INTELSAT 15	85	12600	V	30000	2/3	STS (+4h)	TV		O
3816	INTELSAT 15	85	12600	V	30000	2/3	Domashniy (+4h)	TV		O
3817	INTELSAT 15	85	12600	V	30000	2/3	STS Love	TV		O
3818	INTELSAT 15	85	12600	V	30000	2/3	Peretz (+4h)	TV		O
3819	INTELSAT 15	85	12600	V	30000	2/3	Love Radio (Russia)	R		O
3820	INTELSAT 15	85	12640	V	30000	5/6	Kontinent TV Info	TV		O
3821	INTELSAT 15	85	12640	V	30000	5/6	Perviy kanal (0h)	TV		O
3822	INTELSAT 15	85	12640	V	30000	5/6	Rossiya 1 (0h)	TV		O
3823	INTELSAT 15	85	12640	V	30000	5/6	Rossiya K (0h)	TV		O
3824	INTELSAT 15	85	12640	V	30000	5/6	Telekanal Zvezda	TV		O
3825	INTELSAT 15	85	12640	V	30000	5/6	Rossiya 24	TV		O
3826	INTELSAT 15	85	12640	V	30000	5/6	Rossiya 2	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 일표화 등)
3827	INTELSAT 15	85	12640	V	30000	5/6	5 Kanal (0h)	TV		O
3828	INTELSAT 15	85	12640	V	30000	5/6	NTV (0h)	TV		O
3829	INTELSAT 15	85	12640	V	30000	5/6	KHL TV	TV		O
3830	INTELSAT 15	85	12640	V	30000	5/6	STS (0h)	TV		O
3831	INTELSAT 15	85	12640	V	30000	5/6	Nano TV	TV		O
3832	INTELSAT 15	85	12640	V	30000	5/6	Shop 24	TV		O
3833	INTELSAT 15	85	12640	V	30000	5/6	TNT (+3h)	TV		O
3834	INTELSAT 15	85	12640	V	30000	5/6	Karusel (0h)	TV		O
3835	INTELSAT 15	85	12640	V	30000	5/6	Muzhs koy	TV		O
3836	INTELSAT 15	85	12640	V	30000	5/6	REN TV (0h)	TV		O
3837	INTELSAT 15	85	12640	V	30000	5/6	Zagorodnaya Zhizn	TV		O
3838	CHINASAT 12	87.5	3774	H	1800	3/4	Yunnan International Channel	TV		O
3839	CHINASAT 12	87.5	4035	H	1200	3/4	VOS Comprehensive News FM 97.9	R	O	
3840	CHINASAT 12	87.5	4140	V	28800	2/3	Raj TV (India)	TV		O
3841	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Digital Plus	TV		O
3842	CHINASAT 12	87.5	4140	V	28800	2/3	Raj News 24x7	TV		O
3843	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Musix	TV		O
3844	CHINASAT 12	87.5	4140	V	28800	2/3	Vissa	TV		O
3845	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Musix Kannada	TV		O
3846	CHINASAT 12	87.5	4140	V	28800	2/3	Raj News Kannada	TV		O
3847	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Musix Telugu	TV		O
3848	CHINASAT 12	87.5	4140	V	28800	2/3	Raj News Telugu	TV		O
3849	CHINASAT 12	87.5	4140	V	28800	2/3	Raj News Malayalam	TV		O
3850	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Musix Malayalam	TV		O
3851	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Pariwar	TV		O
3852	CHINASAT 12	87.5	4140	V	28800	2/3	Raj Asia	TV		O
3853	ST 2	88	3629	H	24700	3/4	TVBS	TV		O
3854	ST 2	88	3629	H	24700	3/4	TVBS News	TV		O
3855	ST 2	88	3629	H	24700	3/4	TVBS Entertainment Channel	TV		O
3856	ST 2	88	3629	H	24700	3/4	TVBS Asia	TV		O
3857	ST 2	88	3629	H	24700	3/4	TVBS News	TV		O
3858	ST 2	88	3632	V	30000	3/4	Videoland Movie	TV		O
3859	ST 2	88	3632	V	30000	3/4	Videoland Japan	TV		O
3860	ST 2	88	3632	V	30000	3/4	Videoland Drama	TV		O
3861	ST 2	88	3632	V	30000	3/4	Videoland ONTV	TV		O
3862	ST 2	88	3632	V	30000	3/4	Videoland Sports	TV		O
3863	ST 2	88	3632	V	30000	3/4	Videoland Max TV	TV		O
3864	ST 2	88	3632	V	30000	3/4	LS Time Movie	TV		O
3865	ST 2	88	3632	V	30000	3/4	Videoland HD	TV		O
3866	ST 2	88	3657	H	3000	3/4	NTD TV Asia-Pacific	TV	O	
3867	ST 2	88	3671	H	9256	3/4	Buddha Compassion TV Station	TV	O	
3868	ST 2	88	3671	H	9256	3/4	Life TV (Taiwan)	TV	O	
3869	ST 2	88	3671	H	9256	3/4	Sinda TV	TV	O	
3870	ST 2	88	3671	H	9256	3/4	NER Taipei FM 101.7	R	O	
3871	ST 2	88	3671	H	9256	3/4	NER Taipei AM 1494	R	O	
3872	ST 2	88	3671	H	9256	3/4	FHBS 1	R	O	
3873	ST 2	88	3671	H	9256	3/4	FHBS 2	R	O	
3874	ST 2	88	10978	H	1000	3/4	Majan TV Channel	TV		O
3875	ST 2	88	11050	H	30000	5/6	IRIB 1	TV		O
3876	ST 2	88	11050	H	30000	5/6	IRIB 2	TV		O
3877	ST 2	88	11050	H	30000	5/6	IRIB 3	TV		O
3878	ST 2	88	11050	H	30000	5/6	IRIB 4	TV		O
3879	ST 2	88	11050	H	30000	5/6	IRIB 5	TV		O
3880	ST 2	88	11050	H	30000	5/6	IRINN	TV		O
3881	ST 2	88	11050	H	30000	5/6	Amouzesh TV Network (07-20 UTC)	TV		O
3882	ST 2	88	11050	H	30000	5/6	Quran TV (Iran)	TV		O
3883	ST 2	88	11050	H	30000	5/6	Mostanad TV	TV		O
3884	ST 2	88	11050	H	30000	5/6	Shoma TV Network	TV		O
3885	ST 2	88	11050	H	30000	5/6	Bazaar TV	TV		O
3886	ST 2	88	11050	H	30000	5/6	Namayesh TV	TV		O
3887	ST 2	88	11050	H	30000	5/6	Jame-Jam TV Network 1	TV		O
3888	ST 2	88	11050	H	30000	5/6	IFilm	TV		O
3889	ST 2	88	11050	H	30000	5/6	Press TV	TV		O
3890	ST 2	88	11050	H	30000	5/6	Varzesh TV	TV		O
3891	ST 2	88	11050	H	30000	5/6	Pooya TV	TV		O
3892	ST 2	88	11050	H	30000	5/6	Salamat TV	TV		O
3893	ST 2	88	11050	H	30000	5/6	Tamasha	TV		O
3894	ST 2	88	11050	H	30000	5/6	Nasim	TV		O
3895	ST 2	88	11050	H	30000	5/6	Jame-Jam TV Network 2	TV		O
3896	ST 2	88	11050	H	30000	5/6	Sahar 1	TV		O
3897	ST 2	88	11050	H	30000	5/6	Sahar 2	TV		O
3898	ST 2	88	11050	H	30000	5/6	Alkawthar TV	TV		O
3899	ST 2	88	11050	H	30000	5/6	Radio Iran	R		O
3900	ST 2	88	11050	H	30000	5/6	Radio Payam	R		O
3901	ST 2	88	11050	H	30000	5/6	Radio Javan	R		O
3902	ST 2	88	11050	H	30000	5/6	Radio Maaref	R		O
3903	ST 2	88	11050	H	30000	5/6	Radio Quran (Iran)	R		O
3904	ST 2	88	11050	H	30000	5/6	Radio Farhang	R		O
3905	ST 2	88	11050	H	30000	5/6	Radio Salamat	R		O
3906	ST 2	88	11050	H	30000	5/6	Radio Varzesh	R		O
3907	ST 2	88	11060	V	4600	5/6	Negaah TV	TV		O
3908	ST 2	88	11060	V	4600	5/6	Khurshid TV	TV		O
3909	ST 2	88	11060	V	4600	5/6	Maiwand TV	TV		O
3910	ST 2	88	11060	V	4600	5/6	3 Sport	TV		O
3911	ST 2	88	11483	V	43978	2/3	Star Plus HD India	TV		O
3912	ST 2	88	11483	V	43978	2/3	Sony Six	TV		O
3913	ST 2	88	11483	V	43978	2/3	Star Sports HD 2	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 암호화 등)
3914	ST 2	88	11483	V	43978	2/3	Star Sports HD 1	TV		O
3915	ST 2	88	11483	V	43978	2/3	Movies Now	TV		O
3916	ST 2	88	11483	V	43978	2/3	Star Movies HD India	TV		O
3917	ST 2	88	11483	V	43978	2/3	Star World HD India	TV		O
3918	ST 2	88	11483	V	43978	2/3	National Geographic Channel HD India	TV		O
3919	ST 2	88	11483	V	43978	2/3	Discovery HD World India	TV		O
3920	ST 2	88	11483	V	43978	2/3	Ten HD	TV		O
3921	ST 2	88	11483	V	43978	2/3	Colors	TV		O
3922	ST 2	88	11483	V	43978	2/3	Zee TV India	TV		O
3923	ST 2	88	11483	H	43978	2/3	Zee Cinema Asia	TV		O
3924	ST 2	88	11483	H	43978	2/3	Zee Studio	TV		O
3925	ST 2	88	11483	H	43978	2/3	D2h 3D Channel	TV		O
3926	ST 2	88	11483	H	43978	2/3	Star Gold India	TV		O
3927	ST 2	88	11483	H	43978	2/3	Jia News	TV		O
3928	ST 2	88	11483	H	43978	2/3	Romey Now	TV		O
3929	ST 2	88	11483	H	43978	2/3	Raj Digital Plus	TV		O
3930	ST 2	88	11483	H	43978	2/3	Suvarna Plus	TV		O
3931	ST 2	88	11483	H	43978	2/3	Maa Gold	TV		O
3932	ST 2	88	11483	H	43978	2/3	News Express	TV		O
3933	ST 2	88	11483	H	43978	2/3	Public TV	TV		O
3934	ST 2	88	11483	H	43978	2/3	DD Podhigai	TV		O
3935	ST 2	88	11483	H	43978	2/3	Kannada Home Channel	TV		O
3936	ST 2	88	11483	H	43978	2/3	Malayalam Home Channel	TV		O
3937	ST 2	88	11483	H	43978	2/3	D2h Active Shopping	TV		O
3938	ST 2	88	11483	H	43978	2/3	Jinvani Channel	TV		O
3939	ST 2	88	11483	H	43978	2/3	DD India	TV		O
3940	ST 2	88	11483	H	43978	2/3	DD Uttar Pradesh	TV		O
3941	ST 2	88	11483	H	43978	2/3	DD Madhya Pradesh	TV		O
3942	ST 2	88	11483	H	43978	2/3	DD Bihar	TV		O
3943	ST 2	88	11483	H	43978	2/3	DD Rajasthan	TV		O
3944	ST 2	88	11483	H	43978	2/3	DD North-East	TV		O
3945	ST 2	88	11483	H	43978	2/3	DD Saptagiri	TV		O
3946	ST 2	88	11483	H	43978	2/3	Samay Rajasthan	TV		O
3947	ST 2	88	11483	H	43978	2/3	Star Movies HD India	TV		O
3948	ST 2	88	11483	H	43978	2/3	Star World HD India	TV		O
3949	ST 2	88	11483	H	43978	2/3	National Geographic Channel HD India	TV		O
3950	ST 2	88	11483	H	43978	2/3	Discovery HD World India	TV		O
3951	ST 2	88	11483	H	43978	2/3	Ten HD	TV		O
3952	ST 2	88	11483	H	43978	2/3	Colors	TV		O
3953	ST 2	88	11483	H	43978	2/3	Zee TV India	TV		O
3954	ST 2	88	11483	H	43978	2/3	Aath	TV		O
3955	ST 2	88	11483	H	43978	2/3	News Time TV	TV		O
3956	ST 2	88	11483	H	43978	2/3	Shalom TV India	TV		O
3957	ST 2	88	11483	H	43978	2/3	VTV (India)	TV		O
3958	ST 2	88	11483	H	43978	2/3	ETV Madhya Pradesh Chattisgarh	TV		O
3959	ST 2	88	11483	H	43978	2/3	Rajya Sabha TV	TV		O
3960	ST 2	88	11546	V	43978	2/3	Surya TV	TV		O
3961	ST 2	88	11546	V	43978	2/3	Mazhavil Manorama	TV		O
3962	ST 2	88	11546	V	43978	2/3	Kiran TV	TV		O
3963	ST 2	88	11546	V	43978	2/3	Asianet	TV		O
3964	ST 2	88	11546	V	43978	2/3	Asianet Plus	TV		O
3965	ST 2	88	11546	V	43978	2/3	Kairali TV	TV		O
3966	ST 2	88	11546	V	43978	2/3	Amrita TV	TV		O
3967	ST 2	88	11546	V	43978	2/3	Asianet Movies	TV		O
3968	ST 2	88	11546	V	43978	2/3	Asianet News	TV		O
3969	ST 2	88	11546	V	43978	2/3	Manorama News South	TV		O
3970	ST 2	88	11546	V	43978	2/3	Indiavision	TV		O
3971	ST 2	88	11546	V	43978	2/3	ETV Bihar Jharkhand	TV		O
3972	ST 2	88	11546	V	43978	2/3	Udaya TV	TV		O
3973	ST 2	88	11546	V	43978	2/3	Udaya Movies	TV		O
3974	ST 2	88	11546	V	43978	2/3	Zee Kannada	TV		O
3975	ST 2	88	11546	V	43978	2/3	Udaya Music	TV		O
3976	ST 2	88	11546	V	43978	2/3	Zing Asia	TV		O
3977	ST 2	88	11546	V	43978	2/3	Colors Kannada	TV		O
3978	ST 2	88	11546	V	43978	2/3	TV 9 Karnataka	TV		O
3979	ST 2	88	11546	V	43978	2/3	Suvarna News 24x7	TV		O
3980	ST 2	88	11546	V	43978	2/3	Asianet Suvarna	TV		O
3981	ST 2	88	11546	V	43978	2/3	Kasthuri TV	TV		O
3982	ST 2	88	11546	V	43978	2/3	Udaya Comedy	TV		O
3983	ST 2	88	11546	V	43978	2/3	DD Chandana	TV		O
3984	ST 2	88	11546	V	43978	2/3	Zee Bangla	TV		O
3985	ST 2	88	11546	V	43978	2/3	Colors Bangla	TV		O
3986	ST 2	88	11546	V	43978	2/3	Star Jalsha	TV		O
3987	ST 2	88	11546	V	43978	2/3	Aakaash Aath	TV		O
3988	ST 2	88	11546	V	43978	2/3	DD Bangla	TV		O
3989	ST 2	88	11546	V	43978	2/3	ABP Ananda	TV		O
3990	ST 2	88	11546	V	43978	2/3	Rupasi Bangla	TV		O
3991	ST 2	88	11546	V	43978	2/3	Zee 24 Ghanta	TV		O
3992	ST 2	88	11546	V	43978	2/3	Sangeet Bangla	TV		O
3993	ST 2	88	11546	V	43978	2/3	Cinema TV (India)	TV		O
3994	ST 2	88	11546	V	43978	2/3	News Time TV	TV		O
3995	ST 2	88	11546	V	43978	2/3	Shalom TV India	TV		O
3996	ST 2	88	11546	V	43978	2/3	Movies Now	TV		O
3997	ST 2	88	11546	V	43978	2/3	Star Movies Action	TV		O
3998	ST 2	88	11546	V	43978	2/3	AXN India	TV		O
3999	ST 2	88	11546	V	43978	2/3	Star World India	TV		O
4000	ST 2	88	11546	V	43978	2/3	Zee Café	TV		O



순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
4001	ST 2	88	11546	V	43978	2/3	Comedy Central India	TV		O
4002	ST 2	88	11546	V	43978	2/3	FX India	TV		O
4003	ST 2	88	11546	V	43978	2/3	Fox Crime India	TV		O
4004	ST 2	88	11546	V	43978	2/3	9X Tashan	TV		O
4005	ST 2	88	11546	V	43978	2/3	Telugu Home Channel	TV		O
4006	ST 2	88	11546	V	43978	2/3	Marathi Home Channel	TV		O
4007	ST 2	88	11546	V	43978	2/3	Tamil Home Channel	TV		O
4008	ST 2	88	11609	V	43978	2/3	Videcon d2h Home Channel	TV		O
4009	ST 2	88	11609	V	43978	2/3	ABP News India	TV		O
4010	ST 2	88	11609	V	43978	2/3	Aaj Tak	TV		O
4011	ST 2	88	11609	V	43978	2/3	NDTV India	TV		O
4012	ST 2	88	11609	V	43978	2/3	Zee News	TV		O
4013	ST 2	88	11609	V	43978	2/3	IBN 7	TV		O
4014	ST 2	88	11609	V	43978	2/3	TV 24 (India)	TV		O
4015	ST 2	88	11609	V	43978	2/3	India TV (India)	TV		O
4016	ST 2	88	11609	V	43978	2/3	DD News	TV		O
4017	ST 2	88	11609	V	43978	2/3	News 24 (India)	TV		O
4018	ST 2	88	11609	V	43978	2/3	Sudarshan News	TV		O
4019	ST 2	88	11609	V	43978	2/3	CNBC Awaaz	TV		O
4020	ST 2	88	11609	V	43978	2/3	Zee Business	TV		O
4021	ST 2	88	11609	V	43978	2/3	NDTV 24x7	TV		O
4022	ST 2	88	11609	V	43978	2/3	Times Now	TV		O
4023	ST 2	88	11609	V	43978	2/3	CNN-IBN	TV		O
4024	ST 2	88	11609	V	43978	2/3	Headlines Today	TV		O
4025	ST 2	88	11609	V	43978	2/3	CNN International South Asia	TV		O
4026	ST 2	88	11609	V	43978	2/3	BBC World News South Asia	TV		O
4027	ST 2	88	11609	V	43978	2/3	CNBC TV 18	TV		O
4028	ST 2	88	11609	V	43978	2/3	NDTV Profit (Mon-Fri 09-17)	TV		O
4029	ST 2	88	11609	V	43978	2/3	NDTV Prime (Mon Fri 17-09 & Sat-Sun)	TV		O
4030	ST 2	88	11609	V	43978	2/3	Bloomberg TV India	TV		O
4031	ST 2	88	11609	V	43978	2/3	ET Now	TV		O
4032	ST 2	88	11609	V	43978	2/3	PTC Punjabi	TV		O
4033	ST 2	88	11609	V	43978	2/3	Zee Punjabi	TV		O
4034	ST 2	88	11609	V	43978	2/3	Chardikla Time TV	TV		O
4035	ST 2	88	11609	V	43978	2/3	PTC News	TV		O
4036	ST 2	88	11609	V	43978	2/3	PTC Chak De	TV		O
4037	ST 2	88	11609	V	43978	2/3	Bengali Home Channel	TV		O
4038	ST 2	88	11609	V	43978	2/3	DD Punjabi	TV		O
4039	ST 2	88	11609	V	43978	2/3	Star Movies India	TV		O
4040	ST 2	88	11609	V	43978	2/3	Sony Pix	TV		O
4041	ST 2	88	11609	V	43978	2/3	HBO South Asia	TV		O
4042	ST 2	88	11609	V	43978	2/3	Zee Studio	TV		O
4043	ST 2	88	11609	V	43978	2/3	WB India	TV		O
4044	ST 2	88	11609	V	43978	2/3	AMC Asia	TV		O
4045	ST 2	88	11609	V	43978	2/3	Movies Now	TV		O
4046	ST 2	88	11609	V	43978	2/3	Star Movies Action	TV		O
4047	ST 2	88	11609	V	43978	2/3	AXN India	TV		O
4048	ST 2	88	11609	V	43978	2/3	Star World India	TV		O
4049	ST 2	88	11609	V	43978	2/3	Zee Café	TV		O
4050	ST 2	88	11609	V	43978	2/3	Comedy Central India	TV		O
4051	ST 2	88	11609	V	43978	2/3	FX India	TV		O
4052	ST 2	88	11609	V	43978	2/3	Fox Crime India	TV		O
4053	ST 2	88	11609	V	43978	2/3	9X Tashan	TV		O
4054	ST 2	88	11609	V	43978	2/3	Bhakthi TV	TV		O
4055	ST 2	88	11609	V	43978	2/3	DD Urdu	TV		O
4056	ST 2	88	11609	V	43978	2/3	Zoom (India)	TV		O
4057	ST 2	88	11609	H	43978	3/5	Discovery Channel India	TV		O
4058	ST 2	88	11609	H	43978	3/5	History TV 18	TV		O
4059	ST 2	88	11609	H	43978	3/5	Fox Life India	TV		O
4060	ST 2	88	11609	H	43978	3/5	Discovery Science Channel India	TV		O
4061	ST 2	88	11609	H	43978	3/5	Discovery Turbo India	TV		O
4062	ST 2	88	11609	H	43978	3/5	Animal Planet India	TV		O
4063	ST 2	88	11609	H	43978	3/5	Nat Geo Wild Asia	TV		O
4064	ST 2	88	11609	H	43978	3/5	Fox Life India	TV		O
4065	ST 2	88	11609	H	43978	3/5	Travel Trendz	TV		O
4066	ST 2	88	11609	H	43978	3/5	B4U Movies India	TV		O
4067	ST 2	88	11609	H	43978	3/5	Nat Geo People Asia	TV		O
4068	ST 2	88	11609	H	43978	3/5	Sun TV (India)	TV		O
4069	ST 2	88	11609	H	43978	3/5	KTV (India)	TV		O
4070	ST 2	88	11609	H	43978	3/5	Adithya TV	TV		O
4071	ST 2	88	11609	H	43978	3/5	Sun Music	TV		O
4072	ST 2	88	11609	H	43978	3/5	Sun News (India)	TV		O
4073	ST 2	88	11609	H	43978	3/5	Seithigal	TV		O
4074	ST 2	88	11609	H	43978	3/5	Jaya Plus	TV		O
4075	ST 2	88	11609	H	43978	3/5	Chutti TV	TV		O
4076	ST 2	88	11609	H	43978	3/5	Star Vijay India	TV		O
4077	ST 2	88	11609	H	43978	3/5	Mega TV (India)	TV		O
4078	ST 2	88	11609	H	43978	3/5	Jaya TV (India)	TV		O
4079	ST 2	88	11609	H	43978	3/5	TLC India	TV		O
4080	ST 2	88	11609	H	43978	3/5	Sony Max India	TV		O
4081	ST 2	88	11609	H	43978	3/5	Zee Cinema Asia	TV		O
4082	ST 2	88	11609	H	43978	3/5	Star Gold India	TV		O
4083	ST 2	88	11609	H	43978	3/5	UTV Movies	TV		O
4084	ST 2	88	11609	H	43978	3/5	Filmy	TV		O
4085	ST 2	88	11609	H	43978	3/5	UTV Action	TV		O
4086	ST 2	88	11609	H	43978	3/5	Zee Tamizh	TV		O
4087	ST 2	88	11609	H	43978	3/5	Movies OK	TV		O

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4088	ST 2	88	11609	H	43978	3/5	D2h Movies 1	TV		O
4089	ST 2	88	11609	H	43978	3/5	D2h Movies 2	TV		O
4090	ST 2	88	11609	H	43978	3/5	Aath	TV		O
4091	ST 2	88	11609	H	43978	3/5	Zee Classic	TV		O
4092	ST 2	88	11609	H	43978	3/5	Enterr 10	TV		O
4093	ST 2	88	11609	H	43978	3/5	Cinema TV (India)	TV		O
4094	ST 2	88	11609	H	43978	3/5	NDTV Good Times	TV		O
4095	ST 2	88	11609	H	43978	3/5	Fashion TV India	TV		O
4096	ST 2	88	11609	H	43978	3/5	Care World TV	TV		O
4097	ST 2	88	11609	H	43978	3/5	Maa Movies	TV		O
4098	ST 2	88	11609	H	43978	3/5	E 24	TV		O
4099	ST 2	88	11609	H	43978	3/5	DD Bharati	TV		O
4100	ST 2	88	11609	H	43978	3/5	Bhakthi TV	TV		O
4101	ST 2	88	11609	H	43978	3/5	SVBC	TV		O
4102	ST 2	88	11633	H	30000	5/6	PTS HD	TV		O
4103	ST 2	88	11633	H	30000	5/6	PTS	TV		O
4104	ST 2	88	11633	H	30000	5/6	PTS 2	TV		O
4105	ST 2	88	11633	H	30000	5/6	Hakka TV	TV		O
4106	ST 2	88	11633	H	30000	5/6	CTS (Taiwan)	TV		O
4107	ST 2	88	11633	H	30000	5/6	CTS IQ	TV		O
4108	ST 2	88	11633	H	30000	5/6	CTS News Info	TV		O
4109	ST 2	88	11633	H	30000	5/6	CTS (Taiwan)	TV		O
4110	ST 2	88	11669	H	30000	5/6	Taiwan Indigenous TV	TV		O
4111	ST 2	88	11669	H	30000	5/6	CTV (Taiwan)	TV		O
4112	ST 2	88	11669	H	30000	5/6	CTV News (Taiwan)	TV		O
4113	ST 2	88	11669	H	30000	5/6	CTV Variety	TV		O
4114	ST 2	88	11669	H	30000	5/6	CTV HD	TV		O
4115	ST 2	88	11669	H	30000	5/6	FTV (Taiwan)	TV		O
4116	ST 2	88	11669	H	30000	5/6	FTV News	TV		O
4117	ST 2	88	11669	H	30000	5/6	Follow Me TV	TV		O
4118	ST 2	88	11669	H	30000	5/6	FSTV	TV		O
4119	ST 2	88	11669	H	30000	5/6	TTV	TV		O
4120	ST 2	88	11669	H	30000	5/6	TTV News	TV		O
4121	ST 2	88	11669	H	30000	5/6	TTV Finance	TV		O
4122	ST 2	88	11669	H	30000	5/6	TTV Variety	TV		O
4123	ST 2	88	11672	V	43978	2/3	Zee Marathi	TV		O
4124	ST 2	88	11672	V	43978	2/3	Colors Marathi	TV		O
4125	ST 2	88	11672	V	43978	2/3	Star Pravah	TV		O
4126	ST 2	88	11672	V	43978	2/3	ABP Majha	TV		O
4127	ST 2	88	11672	V	43978	2/3	Mi Marathi	TV		O
4128	ST 2	88	11672	V	43978	2/3	9X Jhakaas	TV		O
4129	ST 2	88	11672	V	43978	2/3	Saam TV	TV		O
4130	ST 2	88	11672	V	43978	2/3	Zee 24 Taas	TV		O
4131	ST 2	88	11672	V	43978	2/3	Zee Talkies	TV		O
4132	ST 2	88	11672	V	43978	2/3	IBN Lokmat	TV		O
4133	ST 2	88	11672	V	43978	2/3	DD Sahyadri	TV		O
4134	ST 2	88	11672	V	43978	2/3	Star Plus India	TV		O
4135	ST 2	88	11672	V	43978	2/3	Zee TV India	TV		O
4136	ST 2	88	11672	V	43978	2/3	Colors	TV		O
4137	ST 2	88	11672	V	43978	2/3	Life OK India	TV		O
4138	ST 2	88	11672	V	43978	2/3	SET India	TV		O
4139	ST 2	88	11672	V	43978	2/3	Sony SAB TV India	TV		O
4140	ST 2	88	11672	V	43978	2/3	Sahara One	TV		O
4141	ST 2	88	11672	V	43978	2/3	Star Utsav	TV		O
4142	ST 2	88	11672	V	43978	2/3	DD National	TV		O
4143	ST 2	88	11672	V	43978	2/3	Home Shop 18	TV		O
4144	ST 2	88	11672	V	43978	2/3	Food Food	TV		O
4145	ST 2	88	11672	V	43978	2/3	Gemini TV	TV		O
4146	ST 2	88	11672	V	43978	2/3	Gemini Comedy	TV		O
4147	ST 2	88	11672	V	43978	2/3	Gemini Music	TV		O
4148	ST 2	88	11672	V	43978	2/3	Maa Music	TV		O
4149	ST 2	88	11672	V	43978	2/3	Zee Telugu	TV		O
4150	ST 2	88	11672	V	43978	2/3	ETV Telugu	TV		O
4151	ST 2	88	11672	V	43978	2/3	ETV Andhra Pradesh	TV		O
4152	ST 2	88	11672	V	43978	2/3	Maa TV	TV		O
4153	ST 2	88	11672	V	43978	2/3	Gemini Movies	TV		O
4154	ST 2	88	11672	V	43978	2/3	TV 9 Telugu	TV		O
4155	ST 2	88	11672	V	43978	2/3	TV 5 News	TV		O
4156	ST 2	88	11672	V	43978	2/3	Sakshi TV	TV		O
4157	ST 2	88	11672	V	43978	2/3	Tarang TV	TV		O
4158	ST 2	88	11672	V	43978	2/3	Tarang Music	TV		O
4159	ST 2	88	11672	V	43978	2/3	ETV Odia	TV		O
4160	ST 2	88	11672	V	43978	2/3	Odisha TV	TV		O
4161	ST 2	88	11672	V	43978	2/3	Naxatra News	TV		O
4162	ST 2	88	11672	V	43978	2/3	Dangal TV	TV		O
4163	ST 2	88	11672	V	43978	2/3	Prarthana TV	TV		O
4164	ST 2	88	11672	V	43978	2/3	MBC TV	TV		O
4165	ST 2	88	11672	V	43978	2/3	Maa Movies	TV		O
4166	ST 2	88	11672	V	43978	2/3	Sarthak TV	TV		O
4167	ST 2	88	11672	V	43978	2/3	Sea News	TV		O
4168	ST 2	88	11672	V	43978	2/3	Bhakthi TV	TV		O
4169	ST 2	88	11672	V	43978	2/3	SVBC	TV		O
4170	ST 2	88	11672	H	43978	2/3	Star Sports 4	TV		O
4171	ST 2	88	11672	H	43978	2/3	Star Sports 3	TV		O
4172	ST 2	88	11672	H	43978	2/3	Neo Prime	TV		O
4173	ST 2	88	11672	H	43978	2/3	Ten Sports India	TV		O
4174	ST 2	88	11672	H	43978	2/3	Neo Sports	TV		O

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4175	ST 2	88	11672	H	43978	2/3	Star Sports 1	TV		O
4176	ST 2	88	11672	H	43978	2/3	Ten Action +	TV		O
4177	ST 2	88	11672	H	43978	2/3	DD Sports	TV		O
4178	ST 2	88	11672	H	43978	2/3	Ten Cricket India	TV		O
4179	ST 2	88	11672	H	43978	2/3	Cartoon Network India	TV		O
4180	ST 2	88	11672	H	43978	2/3	Hungama TV	TV		O
4181	ST 2	88	11672	H	43978	2/3	Disney Channel India	TV		O
4182	ST 2	88	11672	H	43978	2/3	Nickelodeon India	TV		O
4183	ST 2	88	11672	H	43978	2/3	Pogo	TV		O
4184	ST 2	88	11672	H	43978	2/3	Disney XD India	TV		O
4185	ST 2	88	11672	H	43978	2/3	Star Sports 2	TV		O
4186	ST 2	88	11672	H	43978	2/3	Sonic Gang	TV		O
4187	ST 2	88	11672	H	43978	2/3	MTV India	TV		O
4188	ST 2	88	11672	H	43978	2/3	Channel V India	TV		O
4189	ST 2	88	11672	H	43978	2/3	B4U Music India	TV		O
4190	ST 2	88	11672	H	43978	2/3	VH1 India	TV		O
4191	ST 2	88	11672	H	43978	2/3	9XO	TV		O
4192	ST 2	88	11672	H	43978	2/3	M Tunes HD	TV		O
4193	ST 2	88	11672	H	43978	2/3	Mastiii	TV		O
4194	ST 2	88	11672	H	43978	2/3	Sony Mix	TV		O
4195	ST 2	88	11672	H	43978	2/3	ETV Gujarati	TV		O
4196	ST 2	88	11672	H	43978	2/3	TV 9 Gujarat	TV		O
4197	ST 2	88	11672	H	43978	2/3	DD Girmar	TV		O
4198	ST 2	88	11672	H	43978	2/3	ETV Rajasthan	TV		O
4199	ST 2	88	11672	H	43978	2/3	Baby TV Asia	TV		O
4200	ST 2	88	11672	H	43978	2/3	Nepal 1	TV		O
4201	ST 2	88	11672	H	43978	2/3	Sony Six	TV		O
4202	ST 2	88	11672	H	43978	2/3	News Live	TV		O
4203	ST 2	88	11672	H	43978	2/3	Rang	TV		O
4204	ST 2	88	11672	H	43978	2/3	Mahuaa TV	TV		O
4205	ST 2	88	11672	H	43978	2/3	Sangeet Bhojपुरi	TV		O
4206	ST 2	88	11672	H	43978	2/3	Dabangg	TV		O
4207	ST 2	88	11672	H	43978	2/3	9XM	TV		O
4208	ST 2	88	11672	H	43978	2/3	ETV Urdu	TV		O
4209	ST 2	88	11672	H	43978	2/3	Bindass	TV		O
4210	ST 2	88	11672	H	43978	2/3	Discovery Kids India	TV		O
4211	ST 2	88	11672	H	43978	2/3	Bindass Play	TV		O
4212	ST 2	88	11672	H	43978	2/3	Bhakthi TV	TV		O
4213	ST 2	88	11672	H	43978	2/3	DD Urdu	TV		O
4214	ST 2	88	11672	H	43978	2/3	Zoom (India)	TV		O
4215	Yamal 401	90	3539	CL	2500	3/4	Shop & Show	TV	O	
4216	Yamal 401	90	3553	CL	20000	3/4	Altyn Asyr	TV	O	
4217	Yamal 401	90	3553	CL	20000	3/4	Türkmenistan Sport	TV	O	
4218	Yamal 401	90	3553	CL	20000	3/4	Miras	TV	O	
4219	Yamal 401	90	3553	CL	20000	3/4	Asgabat TV	TV	O	
4220	Yamal 401	90	3553	CL	20000	3/4	Turkmen Radio 1	R	O	
4221	Yamal 401	90	3553	CL	20000	3/4	Turkmen Radio 2	R	O	
4222	Yamal 401	90	3553	CL	20000	3/4	Turkmen Radio 3	R	O	
4223	Yamal 401	90	3582	CL	2850	3/4	Rossiya 1 Chita	TV		O
4224	Yamal 401	90	3582	CL	2850	3/4	Radio Mayak	R		O
4225	Yamal 401	90	3588	CL	4285	3/4	Nord TV	TV	O	
4226	Yamal 401	90	3588	CL	4285	3/4	Nord FM	R	O	
4227	Yamal 401	90	3594	CL	2850	3/4	GTRK Bira	TV		O
4228	Yamal 401	90	3594	CL	2850	3/4	Radio Mayak	R		O
4229	Yamal 401	90	3594	CL	2850	3/4	Radio Rossii	R		O
4230	Yamal 401	90	3600	CL	4630	3/4	Shop 24 Extra	TV	O	
4231	Yamal 401	90	3600	CL	4630	3/4	Domashniy Magazin	TV	O	
4232	Yamal 401	90	3603	CR	3300	3/4	Perviy Oblastnoy	TV	O	
4233	Yamal 401	90	3603	CR	3300	3/4	Radio Dacha	R	O	
4234	Yamal 401	90	3605	CL	2626	3/4	CNL Sibir	TV	O	
4235	Yamal 401	90	3613	CL	4285	3/4	Türkmen Owazy	TV	O	
4236	Yamal 401	90	3617	CR	1850	3/4	Yar-Sale TV	TV		O
4237	Yamal 401	90	3617	CR	1850	3/4	Avtoradio (+2h)	R		O
4238	Yamal 401	90	3618	CL	3038	?	TV Centr Sibirija	TV		O
4239	Yamal 401	90	3623	CL	4285	?	Yaslyk	TV		O
4240	Yamal 401	90	3645	CL	28000	3/4	Telekanal Zvezda (+7h)	TV	O	
4241	Yamal 401	90	3645	CL	28000	3/4	Telekanal Zvezda (+2h)	TV	O	
4242	Yamal 401	90	3645	CL	28000	3/4	NTV (+7h)	TV	O	
4243	Yamal 401	90	3645	CL	28000	3/4	TNT (+7h)	TV	O	
4244	Yamal 401	90	3645	CL	28000	3/4	Raz TV	TV	O	
4245	Yamal 401	90	3645	CL	28000	3/4	Rossiya 2	TV		O
4246	Yamal 401	90	3645	CL	28000	3/4	Ru TV	TV	O	
4247	Yamal 401	90	3645	CL	28000	3/4	TV Mall	TV	O	
4248	Yamal 401	90	3645	CL	28000	3/4	Shopping Live	TV	O	
4249	Yamal 401	90	3645	CL	28000	3/4	Domashniy Magazin	TV	O	
4250	Yamal 401	90	3645	CL	28000	3/4	Echo Moskva	R	O	
4251	Yamal 401	90	3645	CL	28000	3/4	Detskoe Radio Regiony	R	O	
4252	Yamal 401	90	3675	CL	17500	3/4	TV Centr Dal'nii Vostok	TV	O	
4253	Yamal 401	90	3675	CL	17500	3/4	Perviy Obrazovatelniy	TV	O	
4254	Yamal 401	90	3675	CL	17500	3/4	Pyatnitsa! (+4h)	TV	O	
4255	Yamal 401	90	3675	CL	17500	3/4	Radost Moya	TV	O	
4256	Yamal 401	90	3675	CL	17500	3/4	TV 3 (+7h)	TV	O	
4257	Yamal 401	90	3675	CL	17500	3/4	Avtoradio Belogorsk	R	O	
4258	Yamal 401	90	3675	CL	17500	3/4	Family Radio Russia (20-22 MSK)	R	O	
4259	Yamal 401	90	3675	CL	17500	3/4	Radio Rossii	R	O	
4260	Yamal 401	90	3675	CL	17500	3/4	Vesti FM	R	O	
4261	Yamal 401	90	3675	CL	17500	3/4	Sputnik International	R	O	

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4262	Yamal 401	90	3675	CL	17500	3/4	Radio Radonezh	R	○	
4263	Yamal 401	90	3675	CL	17500	3/4	Sputnik FM	R	○	
4264	Yamal 401	90	3675	CL	17500	3/4	Radio Radonezh	R	○	
4265	Yamal 401	90	3837	CL	14815	3/4	TV 3 (+2h)	TV	○	
4266	Yamal 401	90	3837	CL	14815	3/4	Pyatnitsa! (+7h)	TV	○	
4267	Yamal 401	90	3837	CL	14815	3/4	Telekanal 2x2 (+5h)	TV	○	
4268	Yamal 401	90	3837	CL	14815	3/4	Shop 24	TV	○	
4269	Yamal 401	90	3837	CL	14815	3/4	Telekanal Zvezda (+3h)	TV	○	
4270	Yamal 401	90	3837	CL	14815	3/4	Radio Radio (Russia)	R	○	
4271	Yamal 401	90	3837	CL	14815	3/4	Avtoradio (+4h)	R	○	
4272	Yamal 401	90	3837	CL	14815	3/4	Avtoradio (+7h)	R	○	
4273	Yamal 401	90	3837	CL	14815	3/4	Humor FM (+4h)	R	○	
4274	Yamal 401	90	3837	CL	14815	3/4	Humor FM (+7h)	R	○	
4275	Yamal 401	90	3837	CL	14815	3/4	Radio Romantika	R	○	
4276	Yamal 401	90	3837	CL	14815	3/4	NRJ Russia (+4h)	R	○	
4277	Yamal 401	90	3858	CL	1850	7/8	Yamal TV	TV	○	
4278	Yamal 401	90	3858	CL	1850	7/8	Avtoradio (0h)	R	○	
4279	Yamal 401	90	3908	CL	2850	3/4	GTRK Dalnevostochnaya	TV	○	
4280	Yamal 401	90	3908	CL	2850	3/4	Radio Rossii Khabarovsk	R	○	
4281	Yamal 401	90	3918	CL	3000	3/4	GTRK Altai	TV		○
4282	Yamal 401	90	3918	CL	3000	3/4	Radio Rossii	R		○
4283	Yamal 401	90	3924	CL	2850	3/4	Rossiya 1 Tver	TV	○	
4284	Yamal 401	90	3924	CL	2850	3/4	Radio Tver	R	○	
4285	Yamal 401	90	4026	CL	14940	3/4	Rossiya 1 (+6h)	TV		○
4286	Yamal 401	90	4026	CL	14940	3/4	Rossiya 2	TV		○
4287	Yamal 401	90	4026	CL	14940	3/4	Rossiya K (+7h)	TV		○
4288	Yamal 401	90	4026	CL	14940	3/4	Rossiya 24	TV		○
4289	Yamal 401	90	4026	CL	14940	3/4	Vesti FM	R		○
4290	Yamal 401	90	4026	CL	14940	3/4	Radio Mayak	R		○
4291	Yamal 401	90	4026	CL	14940	3/4	Radio Rossii	R		○
4292	Yamal 401	90	4026	CL	14940	3/4	Perviy kanal (+6h)	TV		○
4293	Yamal 401	90	4026	CL	14940	3/4	NTV (+7h)	TV		○
4294	Yamal 401	90	4026	CL	14940	3/4	5 Kanal (+7h)	TV		○
4295	Yamal 401	90	4026	CL	14940	3/4	Karusel (+7h)	TV		○
4296	Yamal 401	90	4026	CL	14940	3/4	OTR	TV		○
4297	Yamal 401	90	4026	CL	14940	3/4	TV Centr Dal'nii Vostok	TV		○
4298	Yamal 401	90	4046	CL	15284	3/4	REN TV (+7h)	TV		○
4299	Yamal 401	90	4046	CL	15284	3/4	Telekanal Spas	TV		○
4300	Yamal 401	90	4046	CL	15284	3/4	STS (+7h)	TV		○
4301	Yamal 401	90	4046	CL	15284	3/4	Domashniy (+7h)	TV		○
4302	Yamal 401	90	4046	CL	15284	3/4	TV 3	TV		○
4303	Yamal 401	90	4046	CL	15284	3/4	Sport Plus (Russia)	TV		○
4304	Yamal 401	90	4046	CL	15284	3/4	Telekanal Zvezda (+7h)	TV		○
4305	Yamal 401	90	4046	CL	15284	3/4	Mir +3	TV		○
4306	Yamal 401	90	4046	CL	15284	3/4	TNT (+7h)	TV		○
4307	Yamal 401	90	4046	CL	15284	3/4	Muz TV	TV		○
4308	Yamal 401	90	4073	CL	3200	3/4	Gubernia	TV	○	
4309	Yamal 401	90	4073	CL	3200	3/4	Vostok Rossii	R	○	
4310	Yamal 401	90	4078	CL	2000	3/4	Radio Rossii Khabarovsk	R		○
4311	Yamal 401	90	4103	CR	14990	3/4	Rossiya 1 (+7h)	TV		○
4312	Yamal 401	90	4103	CR	14990	3/4	Rossiya 2	TV		○
4313	Yamal 401	90	4103	CR	14990	3/4	NTV (+7h)	TV		○
4314	Yamal 401	90	4103	CR	14990	3/4	5 Kanal (+7h)	TV		○
4315	Yamal 401	90	4103	CR	14990	3/4	Rossiya K (+7h)	TV		○
4316	Yamal 401	90	4103	CR	14990	3/4	Karusel (+7h)	TV		○
4317	Yamal 401	90	4103	CR	14990	3/4	OTR	TV		○
4318	Yamal 401	90	4103	CR	14990	3/4	TV Centr Dal'nii Vostok	TV		○
4319	Yamal 401	90	4103	CR	14990	3/4	Vesti FM	R		○
4320	Yamal 401	90	4103	CR	14990	3/4	Radio Mayak	R		○
4321	Yamal 401	90	4103	CR	14990	3/4	Rossiya 1	TV		○
4322	Yamal 401	90	4103	CR	14990	3/4	Radio Rossii	TV		○
4323	Yamal 401	90	4103	CR	14990	3/4	Rossiya 24	TV		○
4324	Yamal 401	90	4124	CL	14990	3/4	Perviy kanal	TV		○
4325	Yamal 401	90	4124	CL	14990	3/4	Rossiya 2	TV		○
4326	Yamal 401	90	4124	CL	14990	3/4	NTV	TV		○
4327	Yamal 401	90	4124	CL	14990	3/4	5 Kanal	TV		○
4328	Yamal 401	90	4124	CL	14990	3/4	Rossiya K	TV		○
4329	Yamal 401	90	4124	CL	14990	3/4	Karusel	TV		○
4330	Yamal 401	90	4124	CL	14990	3/4	OTR	TV		○
4331	Yamal 401	90	4124	CL	14990	3/4	TV Centr Ural	TV		○
4332	Yamal 401	90	4124	CL	14990	3/4	Vesti FM	R		○
4333	Yamal 401	90	4124	CL	14990	3/4	Radio Mayak	R		○
4334	Yamal 401	90	4124	CL	14990	3/4	Rossiya 1	TV		○
4335	Yamal 401	90	4124	CL	14990	3/4	Radio Rossii	R		○
4336	Yamal 401	90	4124	CL	14990	3/4	Rossiya 24	TV		○
4337	Yamal 401	90	4126	CR	15284	3/4	REN TV (+4h)	TV		○
4338	Yamal 401	90	4126	CR	15284	3/4	Telekanal Spas	TV		○
4339	Yamal 401	90	4126	CR	15284	3/4	STS (+4h)	TV		○
4340	Yamal 401	90	4126	CR	15284	3/4	Domashniy (+4h)	TV		○
4341	Yamal 401	90	4126	CR	15284	3/4	TV 3	TV		○
4342	Yamal 401	90	4126	CR	15284	3/4	Sport Plus (Russia)	TV		○
4343	Yamal 401	90	4126	CR	15284	3/4	Telekanal Zvezda (+4h)	TV		○
4344	Yamal 401	90	4126	CR	15284	3/4	Mir (+4h)	TV		○
4345	Yamal 401	90	4126	CR	15284	3/4	TNT (+4h)	TV		○
4346	Yamal 401	90	4126	CR	15284	3/4	Muz TV	TV		○
4347	Yamal 401	90	4144	CL	15284	3/4	REN TV	TV		○
4348	Yamal 401	90	4144	CL	15284	3/4	Telekanal Spas	TV		○

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4349	Yamal 401	90	4144	CL	15284	3/4	STS	TV		O
4350	Yamal 401	90	4144	CL	15284	3/4	Domashniy	TV		O
4351	Yamal 401	90	4144	CL	15284	3/4	TV 3	TV		O
4352	Yamal 401	90	4144	CL	15284	3/4	Sport Plus	TV		O
4353	Yamal 401	90	4144	CL	15284	3/4	Telekanal Zvezda	TV		O
4354	Yamal 401	90	4144	CL	15284	3/4	Mir	TV		O
4355	Yamal 401	90	4144	CL	15284	3/4	TNT	TV		O
4356	Yamal 401	90	4144	CL	15284	3/4	Muz TV	TV		O
4357	Yamal 401	90	4154	CR	14990	3/4	Perviy kanal (+4h)	TV		O
4358	Yamal 401	90	4154	CR	14990	3/4	Rossiya 2	TV		O
4359	Yamal 401	90	4154	CR	14990	3/4	NTV	TV		O
4360	Yamal 401	90	4154	CR	14990	3/4	5 Kanal	TV		O
4361	Yamal 401	90	4154	CR	14990	3/4	Rossiya K	TV		O
4362	Yamal 401	90	4154	CR	14990	3/4	Karusel	TV		O
4363	Yamal 401	90	4154	CR	14990	3/4	OTR	TV		O
4364	Yamal 401	90	4154	CR	14990	3/4	TV Centr Ural	TV		O
4365	Yamal 401	90	4154	CR	14990	3/4	Vesti FM	R		O
4366	Yamal 401	90	4154	CR	14990	3/4	Radio Mayak	R		O
4367	Yamal 401	90	4154	CR	14990	3/4	Rossiya 1 (+4h)	TV		O
4368	Yamal 401	90	4154	CR	14990	3/4	Radio Rossii	R		O
4369	Yamal 401	90	4154	CR	14990	3/4	Rossiya 24	TV		O
4370	Yamal 401	90	4164	CL	2963	3/4	GTRK Dalnevostochnaya	TV	O	
4371	Yamal 401	90	4164	CL	2963	3/4	Radio Rossii Khabarovsk	R	O	
4372	Yamal 401	90	10972	H	11200	3/4	TRT Avaz	TV	O	
4373	Yamal 401	90	10972	H	11200	3/4	TRT Diyanet	TV	O	
4374	Yamal 401	90	10972	H	11200	3/4	TRT Çocuk	TV	O	
4375	Yamal 401	90	10972	H	11200	3/4	TRT Türk	TV	O	
4376	Yamal 401	90	10972	H	11200	3/4	SBN Russia	TV	O	
4377	Yamal 401	90	10972	H	11200	3/4	Sahar 1	TV	O	
4378	Yamal 401	90	10972	H	11200	3/4	TRT Türkü	R	O	
4379	Yamal 401	90	10972	H	11200	3/4	TRT FM	R	O	
4380	Yamal 401	90	10972	H	11200	3/4	Radio 7	R	O	
4381	Yamal 401	90	10972	H	11200	3/4	Retro FM	R	O	
4382	Yamal 401	90	10972	H	11200	3/4	Europa Plus	R	O	
4383	Yamal 401	90	10972	H	11200	3/4	Radio Sport	R	O	
4384	Yamal 401	90	10972	H	11200	3/4	Dorognoe Radio	R	O	
4385	Yamal 401	90	10972	H	11200	3/4	DFM 101.2	R		O
4386	Yamal 401	90	10972	H	11200	3/4	Russkoe Radio	R		O
4387	Yamal 401	90	10972	H	11200	3/4	Hit FM (Russia)	R		O
4388	Yamal 401	90	10972	H	11200	3/4	Maximum 103.7 FM	R		O
4389	Yamal 401	90	10972	H	11200	3/4	Russkoe Radio (+2h)	R		O
4390	Yamal 401	90	11092	H	30000	5/6	Russian Musicbox	TV		O
4391	Yamal 401	90	11092	H	30000	5/6	Music Box	TV		O
4392	Yamal 401	90	11092	H	30000	5/6	TNT (+3h)	TV		O
4393	Yamal 401	90	11092	H	30000	5/6	Muz TV	TV		O
4394	Yamal 401	90	11092	H	30000	5/6	Kanal Disney (+7h)	TV		O
4395	Yamal 401	90	11092	H	30000	5/6	U (+7h)	TV		O
4396	Yamal 401	90	11092	H	30000	5/6	Humor TV	TV		O
4397	Yamal 401	90	11092	H	30000	5/6	STS (+7h)	TV		O
4398	Yamal 401	90	11092	H	30000	5/6	Peretz (+7h)	TV		O
4399	Yamal 401	90	11092	H	30000	5/6	Domashniy (+7h)	TV		O
4400	Yamal 401	90	11092	H	30000	5/6	Amazing Life	TV		O
4401	Yamal 401	90	11092	H	30000	5/6	Telekanal Futbol	TV		O
4402	Yamal 401	90	11092	H	30000	5/6	Shanson TV	TV		O
4403	Yamal 401	90	11092	H	30000	5/6	8 Kanal	TV		O
4404	Yamal 401	90	11092	H	30000	5/6	REN TV (+7h)	TV		O
4405	Yamal 401	90	11092	H	30000	5/6	Radio Chanson	R		O
4406	Yamal 401	90	11092	H	30000	5/6	Avtoradio (+2h)	R		O
4407	Yamal 401	90	11092	H	30000	5/6	Humor FM (+2h)	R		O
4408	Yamal 401	90	11092	H	30000	5/6	NRJ Russia (+2h)	R		O
4409	Yamal 401	90	11092	H	30000	5/6	Radio Record	R		O
4410	Yamal 401	90	11131	V	11160	2/3	Perviy kanal (+2h)	TV		O
4411	Yamal 401	90	11131	V	11160	2/3	5 Kanal (+2h)	TV		O
4412	Yamal 401	90	11131	V	11160	2/3	Rossiya 24	TV		O
4413	Yamal 401	90	11131	V	11160	2/3	GTRK Ugoria	TV		O
4414	Yamal 401	90	11131	V	11160	2/3	Ugra TV	TV		O
4415	Yamal 401	90	11131	V	11160	2/3	NTV (+2h)	TV		O
4416	Yamal 401	90	11131	V	11160	2/3	Rossiya 2	TV		O
4417	Yamal 401	90	11131	V	11160	2/3	Rossiya K (+2h)	TV		O
4418	Yamal 401	90	11131	V	11160	2/3	Radio Ugra	R		O
4419	Yamal 401	90	11504	H	2080	3/4	Port Amur	TV		O
4420	Yamal 401	90	11531	V	4280	3/4	Yamal TV	TV		O
4421	Yamal 401	90	11531	V	4280	3/4	Radio Yamala	R		O
4422	Yamal 401	90	11565	V	1980	2/3	Fakt	TV		O
4423	Yamal 401	90	11649	H	2170	3/4	OTV Primorje	TV	O	
4424	Yamal 401	90	11667	V	11640	7/8	Radio Komsomolskaya Pravda	R		O
4425	Yamal 401	90	11667	V	11640	7/8	Radio Teos	R		O
4426	Yamal 401	90	11667	V	11640	7/8	Serebryany Dozhd	R		O
4427	Yamal 401	90	11667	V	11640	7/8	Nashe Radio (Russia)	R		O
4428	Yamal 401	90	11670	H	14400	5/6	RTG TV	TV		O
4429	Yamal 401	90	11670	H	14400	5/6	Business 24 TV	TV		O
4430	Yamal 401	90	11670	H	14400	5/6	World Fashion Channel Russia	TV		O
4431	Yamal 401	90	11670	H	14400	5/6	Angel TV Russian	TV		O
4432	Yamal 401	90	11670	H	14400	5/6	3 Angels	TV		O
4433	Yamal 401	90	11670	H	14400	5/6	SBN Russia	TV		O
4434	Yamal 401	90	11670	H	14400	5/6	Fashion One Europe	TV		O
4435	Yamal 401	90	11670	H	14400	5/6	Bridge TV	TV		O

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4436	Yamal 401	90	11670	H	14400	5/6	Ulibka Rebyonka	TV		O
4437	Yamal 401	90	11670	H	14400	5/6	TBN Rossiya	TV		O
4438	Yamal 401	90	11670	H	14400	5/6	The World Network	TV		O
4439	Yamal 401	90	12505	V	2020	?	Dozhd	TV		O
4440	Yamal 401	90	12718	H	27500	5/6	NTV (+2h)	TV		O
4441	Yamal 401	90	12718	H	27500	5/6	TV Ug Don	TV		O
4442	Yamal 401	90	12718	H	27500	5/6	TNT (+2h)	TV		O
4443	Yamal 401	90	12718	H	27500	5/6	Radio Mayak	R		O
4444	Yamal 401	90	12718	V	27500	3/4	TNT (+4h)	TV	O	
4445	Yamal 401	90	12718	V	27500	3/4	Rossiya 24	TV	O	
4446	Yamal 401	90	12718	V	27500	3/4	NTV (+4h)	TV	O	
4447	Yamal 401	90	12718	V	27500	3/4	NTV (+3h)	TV	O	
4448	MEASAT 3	91.5	3520	H	34340	2/3	Measat promo	TV		O
4449	MEASAT 3	91.5	3616	V	3214	3/4	JaiAlai TV	TV		O
4450	MEASAT 3	91.5	3631	H	4320	3/4	Focus NE	TV		O
4451	MEASAT 3	91.5	3631	H	4320	3/4	Focus Hi Fi	TV		O
4452	MEASAT 3	91.5	3631	H	4320	3/4	Focus Bangla	TV		O
4453	MEASAT 3	91.5	3641	V	13333	2/3	Jack City	TV		O
4454	MEASAT 3	91.5	3641	V	13333	2/3	CNN Philippines	TV		O
4455	MEASAT 3	91.5	3641	V	13333	2/3	Solar Sports	TV		O
4456	MEASAT 3	91.5	3641	V	13333	2/3	Basketball TV	TV		O
4457	MEASAT 3	91.5	3641	V	13333	2/3	Jack TV	TV		O
4458	MEASAT 3	91.5	3641	V	13333	2/3	2nd Avenue	TV		O
4459	MEASAT 3	91.5	3641	V	13333	2/3	My Movie Channel	TV		O
4460	MEASAT 3	91.5	3641	V	13333	2/3	ETC (Philippines)	TV		O
4461	MEASAT 3	91.5	3641	V	13333	2/3	NBA Premium TV	TV		O
4462	MEASAT 3	91.5	3641	V	13333	2/3	TGC	TV		O
4463	MEASAT 3	91.5	3641	V	13333	2/3	Shop TV Live	TV		O
4464	MEASAT 3	91.5	3720	V	2170	7/8	DZRH News	TV	O	
4465	MEASAT 3	91.5	3720	V	2170	7/8	Radyo Natin	R	O	
4466	MEASAT 3	91.5	3720	V	2170	7/8	Hot FM (Philippines)	R	O	
4467	MEASAT 3	91.5	3720	V	2170	7/8	Aksyon Radyo	R	O	
4468	MEASAT 3	91.5	3720	V	2170	7/8	Love Radio 90.7 Manila	R	O	
4469	MEASAT 3	91.5	3720	V	2170	7/8	Yes! FM Manila	R	O	
4470	MEASAT 3	91.5	3724	V	3030	2/3	Kapatid TV 5	TV		O
4471	MEASAT 3	91.5	3724	V	3030	2/3	Aksyon TV International	TV		O
4472	MEASAT 3	91.5	3760	V	29700	5/6	MUTV	TV		O
4473	MEASAT 3	91.5	3760	V	29700	5/6	History HD Asia	TV		O
4474	MEASAT 3	91.5	3760	V	29700	5/6	History HD Korea	TV		O
4475	MEASAT 3	91.5	3760	V	29700	5/6	FYI Asia	TV		O
4476	MEASAT 3	91.5	3760	V	29700	5/6	Crime + Investigation Asia	TV		O
4477	MEASAT 3	91.5	3760	V	29700	5/6	Lifetime Philippines	TV		O
4478	MEASAT 3	91.5	3760	V	29700	5/6	MGM Channel India	TV		O
4479	MEASAT 3	91.5	3786	V	7200	5/6	TV 3 (Malaysia)	TV		O
4480	MEASAT 3	91.5	3795	V	5064	3/4	Racing International	TV		O
4481	MEASAT 3	91.5	3814	V	6660	3/5	Sky Racing World	TV		O
4482	MEASAT 3	91.5	3840	V	29720	5/6	Fox Thai	TV		O
4483	MEASAT 3	91.5	3840	V	29720	5/6	Channel M	TV		O
4484	MEASAT 3	91.5	3840	V	29720	5/6	Fox Family Movies	TV		O
4485	MEASAT 3	91.5	3840	V	29720	5/6	Fox Indonesia	TV		O
4486	MEASAT 3	91.5	3840	V	29720	5/6	Star World Vietnam	TV		O
4487	MEASAT 3	91.5	3840	V	29720	5/6	National Geographic Channel HD Asia	TV		O
4488	MEASAT 3	91.5	3840	V	29720	5/6	Nat Geo Wild HD Asia	TV		O
4489	MEASAT 3	91.5	3840	V	29720	5/6	Fox Family Movies HD	TV		O
4490	MEASAT 3	91.5	3840	V	29720	5/6	Channel M HD	TV		O
4491	MEASAT 3	91.5	3840	V	29720	5/6	Star World HD Philippines	TV		O
4492	MEASAT 3	91.5	3840	V	29720	5/6	Fox Sports Middle East	TV		O
4493	MEASAT 3	91.5	3840	V	29720	5/6	Fox Life India	TV		O
4494	MEASAT 3	91.5	3880	V	29720	5/6	Asian Food Channel	TV		O
4495	MEASAT 3	91.5	3880	V	29720	5/6	Food Network Asia	TV		O
4496	MEASAT 3	91.5	3880	V	29720	5/6	Travel Channel HD Asia	TV		O
4497	MEASAT 3	91.5	3880	V	29720	5/6	HGTV Asia	TV		O
4498	MEASAT 3	91.5	3880	V	29720	5/6	HGTV Australia	TV		O
4499	MEASAT 3	91.5	3880	V	29720	5/6	Simply Money	TV		O
4500	MEASAT 3	91.5	3920	V	29720	5/6	The Africa Channel Asia	TV		O
4501	MEASAT 3	91.5	3920	V	29720	5/6	Mezzo Live HD Asia	TV		O
4502	MEASAT 3	91.5	3920	V	29720	5/6	Record USA	TV		O
4503	MEASAT 3	91.5	3920	V	29720	5/6	Jiangsu TV	TV		O
4504	MEASAT 3	91.5	3920	V	29720	5/6	Blue Ocean Network	TV		O
4505	MEASAT 3	91.5	3920	V	29720	5/6	BeIn Sports 1 Indonesia	TV		O
4506	MEASAT 3	91.5	3920	V	29720	5/6	BeIn Sports 2 Indonesia	TV		O
4507	MEASAT 3	91.5	3920	V	29720	5/6	ITV Choice	TV		O
4508	MEASAT 3	91.5	4120	V	29720	5/6	Animax Taiwan	TV		O
4509	MEASAT 3	91.5	4120	V	29720	5/6	Eurosport Pacific	TV		O
4510	MEASAT 3	91.5	4120	V	29720	5/6	B4U Movies Asia Pacific	TV		O
4511	MEASAT 3	91.5	4120	V	29720	5/6	Outdoor Channel International	TV		O
4512	MEASAT 3	91.5	4120	V	29720	5/6	Da Vinci Learning Asia	TV		O
4513	MEASAT 3	91.5	4120	V	29720	5/6	The Indonesia Channel	TV		O
4514	MEASAT 3	91.5	4120	V	29720	5/6	TV 5 Monde Asia	TV		O
4515	MEASAT 3	91.5	4120	V	29720	5/6	AXN HD Asia	TV		O
4516	MEASAT 3	91.5	4120	V	29720	5/6	SET One	TV		O
4517	MEASAT 3	91.5	4153	V	2090	3/4	Unire Sat	TV		O
4518	MEASAT 3	91.5	10982	V	30000	3/4	HBO Malaysia	TV		O
4519	MEASAT 3	91.5	10982	V	30000	3/4	Astro Wah Lai Toi	TV		O
4520	MEASAT 3	91.5	10982	V	30000	3/4	Bloomberg TV Asia	TV		O
4521	MEASAT 3	91.5	10982	V	30000	3/4	Astro Best SD 4	TV		O
4522	MEASAT 3	91.5	10982	V	30000	3/4	Astro Box Office Movies Tayangan Hebat	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
4523	MEASAT 3	91.5	10982	V	30000	3/4	Astro Prima	TV		O
4524	MEASAT 3	91.5	10982	V	30000	3/4	Astro Best 476	TV		O
4525	MEASAT 3	91.5	10982	V	30000	3/4	Sun TV Malaysia	TV		O
4526	MEASAT 3	91.5	11022	V	30000	3/4	Astro Xi Yue HD	TV		O
4527	MEASAT 3	91.5	11022	V	30000	3/4	Channel M HD	TV		O
4528	MEASAT 3	91.5	11022	V	30000	3/4	Oh! K	TV		O
4529	MEASAT 3	91.5	11022	V	30000	3/4	Golf Channel Malaysia	TV		O
4530	MEASAT 3	91.5	11022	V	30000	3/4	Astro Box Office Sport HD	TV		O
4531	MEASAT 3	91.5	11062	V	30000	3/4	Astro Vaanavil	TV		O
4532	MEASAT 3	91.5	11062	V	30000	3/4	Disney Channel Asia	TV		O
4533	MEASAT 3	91.5	11062	V	30000	3/4	Lifetime Asia	TV		O
4534	MEASAT 3	91.5	11062	V	30000	3/4	Astro Hua Hee Dai	TV		O
4535	MEASAT 3	91.5	11062	V	30000	3/4	Fox Movies Premium +1	TV		O
4536	MEASAT 3	91.5	11062	V	30000	3/4	National Geographic Channel Asia	TV		O
4537	MEASAT 3	91.5	11062	V	30000	3/4	Cartoon Network South East Asia	TV		O
4538	MEASAT 3	91.5	11062	V	30000	3/4	TVB Xing He	TV		O
4539	MEASAT 3	91.5	11062	V	30000	3/4	Astro First SD 5	TV		O
4540	MEASAT 3	91.5	11062	V	30000	3/4	Baby TV Asia	TV		O
4541	MEASAT 3	91.5	11062	V	30000	3/4	Astro SuperSport 2	TV		O
4542	MEASAT 3	91.5	11062	V	30000	3/4	Era	R		O
4543	MEASAT 3	91.5	11062	V	30000	3/4	My FM	R		O
4544	MEASAT 3	91.5	11062	V	30000	3/4	Opus	R		O
4545	MEASAT 3	91.5	11062	V	30000	3/4	Hitz FM (Malaysia)	R		O
4546	MEASAT 3	91.5	11062	V	30000	3/4	Mix FM (Malaysia)	R		O
4547	MEASAT 3	91.5	11062	V	30000	3/4	Lite FM (Malaysia)	R		O
4548	MEASAT 3	91.5	11062	V	30000	3/4	Classic Rock	R		O
4549	MEASAT 3	91.5	11062	V	30000	3/4	Gold	R		O
4550	MEASAT 3	91.5	11062	V	30000	3/4	THR Gegar	R		O
4551	MEASAT 3	91.5	11062	V	30000	3/4	India Beat	R		O
4552	MEASAT 3	91.5	11062	V	30000	3/4	Jazz	R		O
4553	MEASAT 3	91.5	11062	V	30000	3/4	Nasional FM	R		O
4554	MEASAT 3	91.5	11062	V	30000	3/4	Sinar FM	R		O
4555	MEASAT 3	91.5	11062	V	30000	3/4	Osai FM	R		O
4556	MEASAT 3	91.5	11062	V	30000	3/4	Melody FM	R		O
4557	MEASAT 3	91.5	11062	V	30000	3/4	Sabah V FM	R		O
4558	MEASAT 3	91.5	11062	V	30000	3/4	THR Raaga	R		O
4559	MEASAT 3	91.5	11062	V	30000	3/4	Bayu Radio	R		O
4560	MEASAT 3	91.5	11062	V	30000	3/4	Radio Kenyalang	R		O
4561	MEASAT 3	91.5	11062	V	30000	3/4	Wai FM	R		O
4562	MEASAT 3	91.5	11102	V	30000	7/8	Astro AEC	TV		O
4563	MEASAT 3	91.5	11102	V	30000	7/8	Fox Action Movies Malaysia	TV		O
4564	MEASAT 3	91.5	11102	V	30000	7/8	FYI Asia	TV		O
4565	MEASAT 3	91.5	11102	V	30000	7/8	Astro Shuang Xing	TV		O
4566	MEASAT 3	91.5	11102	V	30000	7/8	Fox Family Movies HD	TV		O
4567	MEASAT 3	91.5	11102	V	30000	7/8	Fox HD Asia	TV		O
4568	MEASAT 3	91.5	11142	V	30000	7/8	Astro Best SD 1	TV		O
4569	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 1	TV		O
4570	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 2	TV		O
4571	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 3	TV		O
4572	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 4	TV		O
4573	MEASAT 3	91.5	11142	V	30000	7/8	Astro Box Office Movies Thangathirai	TV		O
4574	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 6	TV		O
4575	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 7	TV		O
4576	MEASAT 3	91.5	11142	V	30000	7/8	Astro First SD 8	TV		O
4577	MEASAT 3	91.5	11142	V	30000	7/8	Astro Tutor TV PT3	TV		O
4578	MEASAT 3	91.5	11142	V	30000	7/8	Astro Tutor TV SPM	TV		O
4579	MEASAT 3	91.5	11142	V	30000	7/8	Astro Best SD 2	TV		O
4580	MEASAT 3	91.5	11142	V	30000	7/8	Astro Best HD 3	TV		O
4581	MEASAT 3	91.5	11142	V	30000	7/8	TV Alhijrah	TV		O
4582	MEASAT 3	91.5	11142	V	30000	7/8	Bernamea TV	TV		O
4583	MEASAT 3	91.5	11182	V	30000	7/8	Star World Asia	TV		O
4584	MEASAT 3	91.5	11182	V	30000	7/8	BBC World News Asia Pacific	TV		O
4585	MEASAT 3	91.5	11182	V	30000	7/8	Astro Ria	TV		O
4586	MEASAT 3	91.5	11182	V	30000	7/8	CNBC Asia-Pacific	TV		O
4587	MEASAT 3	91.5	11182	V	30000	7/8	Disney XD Malaysia	TV		O
4588	MEASAT 3	91.5	11182	V	30000	7/8	Astro AEC	TV		O
4589	MEASAT 3	91.5	11182	V	30000	7/8	Zee Variasi	TV		O
4590	MEASAT 3	91.5	11182	V	30000	7/8	Sun Music	TV		O
4591	MEASAT 3	91.5	11182	V	30000	7/8	Discovery Science Channel South East Asia	TV		O
4592	MEASAT 3	91.5	11182	V	30000	7/8	Astro Awani	TV		O
4593	MEASAT 3	91.5	11182	V	30000	7/8	Astro SuperSport	TV		O
4594	MEASAT 3	91.5	11182	V	30000	7/8	Kah Lai Toi	TV		O
4595	MEASAT 3	91.5	11182	V	30000	7/8	Astro Shuang Xing	TV		O
4596	MEASAT 3	91.5	11482	V	30000	7/8	Astro On Demand 364	TV		O
4597	MEASAT 3	91.5	11482	V	30000	7/8	Diva Asia	TV		O
4598	MEASAT 3	91.5	11482	V	30000	7/8	Raj TV (India)	TV		O
4599	MEASAT 3	91.5	11482	V	30000	7/8	Astro Best SD 8	TV		O
4600	MEASAT 3	91.5	11482	V	30000	7/8	Al Jazeera English	TV		O
4601	MEASAT 3	91.5	11482	V	30000	7/8	Eurosport Asia	TV		O
4602	MEASAT 3	91.5	11482	V	30000	7/8	E! Asia & Pacific +1	TV		O
4603	MEASAT 3	91.5	11482	V	30000	7/8	TVB Classic	TV		O
4604	MEASAT 3	91.5	11482	V	30000	7/8	Astro Best HD 1	TV		O
4605	MEASAT 3	91.5	11482	V	30000	7/8	Phoenix InfoNews Channel	TV		O
4606	MEASAT 3	91.5	11482	V	30000	7/8	CCTV News	TV		O
4607	MEASAT 3	91.5	11482	V	30000	7/8	Disney Junior Asia	TV		O
4608	MEASAT 3	91.5	11482	V	30000	7/8	AXN Malaysia/Hong Kong	TV		O
4609	MEASAT 3	91.5	11522	V	30000	7/8	Astro On Demand 352	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
4610	MEASAT 3	91.5	11522	V	30000	7/8	Bintang	TV		O
4611	MEASAT 3	91.5	11522	V	30000	7/8	Astro Box Office Sport 2	TV		O
4612	MEASAT 3	91.5	11522	V	30000	7/8	Pelangi (Malaysia)	TV		O
4613	MEASAT 3	91.5	11522	V	30000	7/8	Nickelodeon Indonesia	TV		O
4614	MEASAT 3	91.5	11522	V	30000	7/8	CCTV 4 Asia	TV		O
4615	MEASAT 3	91.5	11522	V	30000	7/8	TV 9 (Malaysia)	TV		O
4616	MEASAT 3	91.5	11522	V	30000	7/8	Astro Arena	TV		O
4617	MEASAT 3	91.5	11522	V	30000	7/8	NTV 7	TV		O
4618	MEASAT 3	91.5	11522	V	30000	7/8	ZooMoo Asia	TV		O
4619	MEASAT 3	91.5	11522	V	30000	7/8	Star Vijay Malaysia	TV		O
4620	MEASAT 3	91.5	11522	V	30000	7/8	Discovery Channel Malaysia	TV		O
4621	MEASAT 3	91.5	11522	V	30000	7/8	RTM TV 1	TV		O
4622	MEASAT 3	91.5	11522	V	30000	7/8	Fox Sports 3 Asia	TV		O
4623	MEASAT 3	91.5	11522	V	30000	7/8	RTM TVi	TV		O
4624	MEASAT 3	91.5	11562	V	30000	7/8	Injoi promo	TV		O
4625	MEASAT 3	91.5	11562	V	30000	7/8	Astro Box Office Sport 1	TV		O
4626	MEASAT 3	91.5	11562	V	30000	7/8	KBS World	TV		O
4627	MEASAT 3	91.5	11562	V	30000	7/8	Makkal TV	TV		O
4628	MEASAT 3	91.5	11562	V	30000	7/8	Astro Xiao Tai Yang	TV		O
4629	MEASAT 3	91.5	11562	V	30000	7/8	Animax East Asia	TV		O
4630	MEASAT 3	91.5	11562	V	30000	7/8	Chutti TV	TV		O
4631	MEASAT 3	91.5	11562	V	30000	7/8	ITV Choice	TV		O
4632	MEASAT 3	91.5	11562	V	30000	7/8	Astro Warna	TV		O
4633	MEASAT 3	91.5	11562	V	30000	7/8	Fox Sports 2 Malaysia	TV		O
4634	MEASAT 3	91.5	11562	V	30000	7/8	Astro Bella	TV		O
4635	MEASAT 3	91.5	11562	V	30000	7/8	Astro Ceria	TV		O
4636	MEASAT 3	91.5	11562	V	30000	7/8	Phoenix Chinese Channel	TV		O
4637	MEASAT 3	91.5	11562	V	30000	7/8	TVB Entertainment News	TV		O
4638	MEASAT 3	91.5	11602	V	30000	7/8	Go Shop	TV		O
4639	MEASAT 3	91.5	11602	V	30000	7/8	Fox Sports Malaysia	TV		O
4640	MEASAT 3	91.5	11602	V	30000	7/8	Kalaighar TV Malaysia	TV		O
4641	MEASAT 3	91.5	11602	V	30000	7/8	Eve	TV		O
4642	MEASAT 3	91.5	11602	V	30000	7/8	Astro Oasis	TV		O
4643	MEASAT 3	91.5	11602	V	30000	7/8	DMAX Southeast Asia	TV		O
4644	MEASAT 3	91.5	11602	V	30000	7/8	RTM TV 2	TV		O
4645	MEASAT 3	91.5	11602	V	30000	7/8	Animal Planet South East Asia	TV		O
4646	MEASAT 3	91.5	11602	V	30000	7/8	TV 3 (Malaysia)	TV		O
4647	MEASAT 3	91.5	11602	V	30000	7/8	TLC Malaysia	TV		O
4648	MEASAT 3	91.5	11602	V	30000	7/8	CTI TV Asia	TV		O
4649	MEASAT 3	91.5	11602	V	30000	7/8	Astro SuperSport 4	TV		O
4650	MEASAT 3	91.5	11602	V	30000	7/8	Celestial Movies Malaysia	TV		O
4651	MEASAT 3	91.5	11602	V	30000	7/8	Astro Hitz	TV		O
4652	MEASAT 3	91.5	11642	V	30000	7/8	Astro Best SD 10	TV		O
4653	MEASAT 3	91.5	11642	V	30000	7/8	Astro Tutor TV UPSR	TV		O
4654	MEASAT 3	91.5	11642	V	30000	7/8	Astro Best SD 7	TV		O
4655	MEASAT 3	91.5	11642	V	30000	7/8	Celestial Classic Movies +1	TV		O
4656	MEASAT 3	91.5	11642	V	30000	7/8	Astro Citra	TV		O
4657	MEASAT 3	91.5	11642	V	30000	7/8	Astro On Demand 363	TV		O
4658	MEASAT 3	91.5	11642	V	30000	7/8	Nat Geo Wild Asia	TV		O
4659	MEASAT 3	91.5	11642	V	30000	7/8	Astro On Demand 361	TV		O
4660	MEASAT 3	91.5	11642	V	30000	7/8	Astro On Demand 362	TV		O
4661	MEASAT 3	91.5	11642	V	30000	7/8	Adithya TV	TV		O
4662	MEASAT 3	91.5	11642	V	30000	7/8	Crime + Investigation Asia	TV		O
4663	MEASAT 3	91.5	11642	V	30000	7/8	Astro Vellithirai	TV		O
4664	MEASAT 3	91.5	11642	V	30000	7/8	Asian Food Channel	TV		O
4665	MEASAT 3	91.5	11642	V	30000	7/8	Astro SuperSport 3	TV		O
4666	MEASAT 3	91.5	11682	V	30000	7/8	NHK World TV	TV		O
4667	MEASAT 3	91.5	11682	V	30000	7/8	History Asia	TV		O
4668	MEASAT 3	91.5	11682	V	30000	7/8	MTV Malaysia	TV		O
4669	MEASAT 3	91.5	11682	V	30000	7/8	Astro On Demand 351	TV		O
4670	MEASAT 3	91.5	11682	V	30000	7/8	Australia Plus TV Asia	TV		O
4671	MEASAT 3	91.5	11682	V	30000	7/8	Astro On Demand 353	TV		O
4672	MEASAT 3	91.5	11682	V	30000	7/8	Astro On Demand 354	TV		O
4673	MEASAT 3	91.5	11682	V	30000	7/8	ART Variety	TV		O
4674	MEASAT 3	91.5	11682	V	30000	7/8	CNN International Asia Pacific	TV		O
4675	MEASAT 3	91.5	11682	V	30000	7/8	TVBS Asia	TV		O
4676	MEASAT 3	91.5	11682	V	30000	7/8	Cinemax Malaysia	TV		O
4677	MEASAT 3	91.5	11682	V	30000	7/8	8TV	TV		O
4678	MEASAT 3	91.5	11682	V	30000	7/8	Jaya TV (India)	TV		O
4679	MEASAT 3	91.5	11682	V	30000	7/8	Astro First SD 9	TV		O
4680	MEASAT 3	91.5	11682	V	30000	7/8	Astro TVIQ	TV		O
4681	MEASAT 3	91.5	12316	H	30000	5/6	NDTV 24x7	TV		O
4682	MEASAT 3	91.5	12316	H	30000	5/6	Ten Sports India	TV		O
4683	MEASAT 3	91.5	12316	H	30000	5/6	Sun TV (India)	TV		O
4684	MEASAT 3	91.5	12316	H	30000	5/6	KTV (India)	TV		O
4685	MEASAT 3	91.5	12316	H	30000	5/6	Star Vijay India	TV		O
4686	MEASAT 3	91.5	12316	H	30000	5/6	Sun Music	TV		O
4687	MEASAT 3	91.5	12316	H	30000	5/6	Adithya TV	TV		O
4688	MEASAT 3	91.5	12316	H	30000	5/6	Gemini TV	TV		O
4689	MEASAT 3	91.5	12316	H	30000	5/6	Gemini Movies	TV		O
4690	MEASAT 3	91.5	12316	H	30000	5/6	Maa TV	TV		O
4691	MEASAT 3	91.5	12316	H	30000	5/6	Asianet	TV		O
4692	MEASAT 3	91.5	12316	H	30000	5/6	Surya TV	TV		O
4693	MEASAT 3	91.5	12316	H	30000	5/6	Kiran TV	TV		O
4694	MEASAT 3	91.5	12316	H	30000	5/6	Udaya TV	TV		O
4695	MEASAT 3	91.5	12316	H	30000	5/6	ETV Telugu	TV		O
4696	MEASAT 3	91.5	12316	H	30000	5/6	Udaya Movies	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
4697	MEASAT 3	91.5	12316	H	30000	5/6	Colors	TV		O
4698	MEASAT 3	91.5	12316	H	30000	5/6	Star Plus India	TV		O
4699	MEASAT 3	91.5	12316	H	30000	5/6	Zee TV India	TV		O
4700	MEASAT 3	91.5	12316	H	30000	5/6	Zee Tamizh	TV		O
4701	MEASAT 3	91.5	12316	H	30000	5/6	Sun Direct promo	TV		O
4702	MEASAT 3	91.5	12316	H	30000	5/6	NDTV India	TV		O
4703	MEASAT 3	91.5	12316	H	30000	5/6	Sun News (India)	TV		O
4704	MEASAT 3	91.5	12316	H	30000	5/6	Udaya Music	TV		O
4705	MEASAT 3	91.5	12316	H	30000	5/6	Zee Punjabi	TV		O
4706	MEASAT 3	91.5	12316	H	30000	5/6	DD Saptagiri	TV		O
4707	MEASAT 3	91.5	12316	H	30000	5/6	Puthiya Thalaimurai	TV		O
4708	MEASAT 3	91.5	12316	H	30000	5/6	DD India	TV		O
4709	MEASAT 3	91.5	12316	H	30000	5/6	Puthuyugam TV	TV		O
4710	MEASAT 3	91.5	12316	H	30000	5/6	Star Pravah	TV		O
4711	MEASAT 3	91.5	12316	H	30000	5/6	DD Uttar Pradesh	TV		O
4712	MEASAT 3	91.5	12316	H	30000	5/6	Zee Studio	TV		O
4713	MEASAT 3	91.5	12316	H	30000	5/6	WB India	TV		O
4714	MEASAT 3	91.5	12316	H	30000	5/6	Jaya Plus	TV		O
4715	MEASAT 3	91.5	12316	H	30000	5/6	Zoom (India)	TV		O
4716	MEASAT 3	91.5	12523	V	30000	7/8	Manorama News International	TV		O
4717	MEASAT 3	91.5	12523	V	30000	7/8	Kairali TV	TV		O
4718	MEASAT 3	91.5	12523	V	30000	7/8	TV 9 Karnataka	TV		O
4719	MEASAT 3	91.5	12523	V	30000	7/8	Jaya TV (India)	TV		O
4720	MEASAT 3	91.5	12523	V	30000	7/8	Kalaigar TV	TV		O
4721	MEASAT 3	91.5	12523	V	30000	7/8	Zee Café	TV		O
4722	MEASAT 3	91.5	12523	V	30000	7/8	ET Now	TV		O
4723	MEASAT 3	91.5	12523	V	30000	7/8	Zee Studio	TV		O
4724	MEASAT 3	91.5	12523	V	30000	7/8	Zee Trendz	TV		O
4725	MEASAT 3	91.5	12523	V	30000	7/8	We	TV		O
4726	MEASAT 3	91.5	12523	V	30000	7/8	Star Utsav	TV		O
4727	MEASAT 3	91.5	12523	V	30000	7/8	Chardikla Time TV	TV		O
4728	MEASAT 3	91.5	12523	V	30000	7/8	Nepal 1	TV		O
4729	MEASAT 3	91.5	12523	V	30000	7/8	Zoom (India)	TV		O
4730	MEASAT 3	91.5	12523	V	30000	7/8	Polimer	TV		O
4731	MEASAT 3	91.5	12523	V	30000	7/8	Aaj Tak	TV		O
4732	MEASAT 3	91.5	12523	V	30000	7/8	Headlines Today	TV		O
4733	MEASAT 3	91.5	12523	V	30000	7/8	Tez	TV		O
4734	MEASAT 3	91.5	12523	V	30000	7/8	MTV India	TV		O
4735	MEASAT 3	91.5	12523	V	30000	7/8	VH1 India	TV		O
4736	MEASAT 3	91.5	12523	V	30000	7/8	Nickelodeon India	TV		O
4737	MEASAT 3	91.5	12523	V	30000	7/8	UTV World Movies	TV		O
4738	MEASAT 3	91.5	12523	V	30000	7/8	UTV Action	TV		O
4739	MEASAT 3	91.5	12523	V	30000	7/8	Adithya TV	TV		O
4740	MEASAT 3	91.5	12523	V	30000	7/8	Udaya Comedy	TV		O
4741	MEASAT 3	91.5	12523	V	30000	7/8	Gemini Music	TV		O
4742	MEASAT 3	91.5	12523	V	30000	7/8	Surya TV	TV		O
4743	MEASAT 3	91.5	12523	V	30000	7/8	Sun TV (India)	TV		O
4744	MEASAT 3	91.5	12523	V	30000	7/8	Sun News (India)	TV		O
4745	MEASAT 3	91.5	12523	V	30000	7/8	Mahuaa TV	TV		O
4746	MEASAT 3	91.5	12523	V	30000	7/8	Udaya Music	TV		O
4747	MEASAT 3	91.5	12523	V	30000	7/8	Asianet Movies	TV		O
4748	MEASAT 3	91.5	12523	H	30000	5/6	Nat Geo People Asia	TV		O
4749	MEASAT 3	91.5	12523	H	30000	5/6	Neo Prime	TV		O
4750	MEASAT 3	91.5	12523	H	30000	5/6	Neo Sports	TV		O
4751	MEASAT 3	91.5	12523	H	30000	5/6	Day & Night News	TV		O
4752	MEASAT 3	91.5	12523	H	30000	5/6	Zee Cinema Asia	TV		O
4753	MEASAT 3	91.5	12523	H	30000	5/6	Zee Business	TV		O
4754	MEASAT 3	91.5	12523	H	30000	5/6	Zee TV India	TV		O
4755	MEASAT 3	91.5	12523	H	30000	5/6	Zee News	TV		O
4756	MEASAT 3	91.5	12523	H	30000	5/6	Sakshi TV	TV		O
4757	MEASAT 3	91.5	12523	H	30000	5/6	Channel UFX	TV		O
4758	MEASAT 3	91.5	12523	H	30000	5/6	Nat Geo Wild Asia	TV		O
4759	MEASAT 3	91.5	12523	H	30000	5/6	India News	TV		O
4760	MEASAT 3	91.5	12523	H	30000	5/6	HMTV	TV		O
4761	MEASAT 3	91.5	12523	H	30000	5/6	Saam TV	TV		O
4762	MEASAT 3	91.5	12523	H	30000	5/6	Mahuaa TV	TV		O
4763	MEASAT 3	91.5	12523	H	30000	5/6	Star Plus India	TV		O
4764	MEASAT 3	91.5	12563	V	30000	5/6	Sangeet Bangla	TV		O
4765	MEASAT 3	91.5	12563	V	30000	5/6	TV 9 Gujarat	TV		O
4766	MEASAT 3	91.5	12563	V	30000	5/6	Makkal TV	TV		O
4767	MEASAT 3	91.5	12563	V	30000	5/6	Mega TV (India)	TV		O
4768	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 7	TV		O
4769	MEASAT 3	91.5	12563	V	30000	5/6	Hindi Action	TV		O
4770	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 8	TV		O
4771	MEASAT 3	91.5	12563	V	30000	5/6	Hindi Drama	TV		O
4772	MEASAT 3	91.5	12563	V	30000	5/6	Hindi Romance	TV		O
4773	MEASAT 3	91.5	12563	V	30000	5/6	Hindi Suspense	TV		O
4774	MEASAT 3	91.5	12563	V	30000	5/6	Hindi Comedy	TV		O
4775	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 1	TV		O
4776	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 2	TV		O
4777	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 3	TV		O
4778	MEASAT 3	91.5	12563	V	30000	5/6	ISP Video	TV		O
4779	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 4	TV		O
4780	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 5	TV		O
4781	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 6	TV		O
4782	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 9	TV		O
4783	MEASAT 3	91.5	12563	V	30000	5/6	Telugu Movies	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 암호화 등)
4784	MEASAT 3	91.5	12563	V	30000	5/6	Kannada Movies	TV		O
4785	MEASAT 3	91.5	12563	V	30000	5/6	Tamil Movies	TV		O
4786	MEASAT 3	91.5	12563	V	30000	5/6	Bengali Movies	TV		O
4787	MEASAT 3	91.5	12563	V	30000	5/6	Choice Pay 10	TV		O
4788	MEASAT 3	91.5	12563	V	30000	5/6	Marathi Movies	TV		O
4789	MEASAT 3	91.5	12563	V	30000	5/6	Bhojpuri Movies	TV		O
4790	MEASAT 3	91.5	12563	V	30000	5/6	NVOD	TV		O
4791	MEASAT 3	91.5	12563	V	30000	5/6	AIR Gujarati	R		O
4792	MEASAT 3	91.5	12563	H	32000	5/6	Nat Geo Wild Asia	TV		O
4793	MEASAT 3	91.5	12563	H	32000	5/6	MTV India	TV		O
4794	MEASAT 3	91.5	12563	H	32000	5/6	Channel V India	TV		O
4795	MEASAT 3	91.5	12563	H	32000	5/6	Zee Talkies	TV		O
4796	MEASAT 3	91.5	12563	H	32000	5/6	Gemini Life	TV		O
4797	MEASAT 3	91.5	12563	H	32000	5/6	Zee Café	TV		O
4797	MEASAT 3	91.5	12563	H	32000	5/6	Channel V India	TV		O
4798	MEASAT 3	91.5	12563	H	32000	5/6	Neo Prime	TV		O
4799	MEASAT 3	91.5	12563	H	32000	5/6	Sony Pix	TV		O
4800	MEASAT 3	91.5	12563	H	32000	5/6	Disney Channel India	TV		O
4801	MEASAT 3	91.5	12563	H	32000	5/6	Sony Max India	TV		O
4802	MEASAT 3	91.5	12563	H	32000	5/6	Sahara One	TV		O
4803	MEASAT 3	91.5	12563	H	32000	5/6	Udaya Comedy	TV		O
4804	MEASAT 3	91.5	12563	H	32000	5/6	Aaj Tak	TV		O
4805	MEASAT 3	91.5	12563	H	32000	5/6	CNN International South Asia	TV		O
4806	MEASAT 3	91.5	12563	H	32000	5/6	Star Sports 4	TV		O
4807	MEASAT 3	91.5	12563	H	32000	5/6	Star Sports 1	TV		O
4808	MEASAT 3	91.5	12563	H	32000	5/6	Discovery Channel India	TV		O
4809	MEASAT 3	91.5	12563	H	32000	5/6	Udaya News	TV		O
4810	MEASAT 3	91.5	12563	H	32000	5/6	Pogo	TV		O
4811	MEASAT 3	91.5	12563	H	32000	5/6	Zee Marathi	TV		O
4812	MEASAT 3	91.5	12563	H	32000	5/6	Star Gold India	TV		O
4813	MEASAT 3	91.5	12563	H	32000	5/6	National Geographic Channel India	TV		O
4814	MEASAT 3	91.5	12563	H	32000	5/6	Filmy	TV		O
4815	MEASAT 3	91.5	12563	H	32000	5/6	Zee Kannada	TV		O
4816	MEASAT 3	91.5	12563	H	32000	5/6	Animal Planet India	TV		O
4817	MEASAT 3	91.5	12563	H	32000	5/6	Star Jalsha	TV		O
4818	MEASAT 3	91.5	12563	H	32000	5/6	Colors Bangla	TV		O
4819	MEASAT 3	91.5	12563	H	32000	5/6	Colors Marathi	TV		O
4820	MEASAT 3	91.5	12563	H	32000	5/6	Gemini News	TV		O
4821	MEASAT 3	91.5	12563	H	32000	5/6	Chintu TV	TV		O
4822	MEASAT 3	91.5	12563	H	32000	5/6	Star Sports 3	TV		O
4823	MEASAT 3	91.5	12563	H	32000	5/6	ETV Odia	TV		O
4824	MEASAT 3	91.5	12563	H	32000	5/6	Star Movies India	TV		O
4825	MEASAT 3	91.5	12603	V	30000	5/6	Aakaash Aath	TV		O
4826	MEASAT 3	91.5	12603	V	30000	5/6	Jaya Plus	TV		O
4827	MEASAT 3	91.5	12603	V	30000	5/6	FX India	TV		O
4828	MEASAT 3	91.5	12603	V	30000	5/6	Studio N News	TV		O
4829	MEASAT 3	91.5	12603	V	30000	5/6	KBS World	TV		O
4830	MEASAT 3	91.5	12603	V	30000	5/6	Indiavision	TV		O
4831	MEASAT 3	91.5	12603	V	30000	5/6	Disney Channel India	TV		O
4832	MEASAT 3	91.5	12603	V	30000	5/6	CNN International South Asia	TV		O
4833	MEASAT 3	91.5	12603	V	30000	5/6	Star Vijay India	TV		O
4834	MEASAT 3	91.5	12603	V	30000	5/6	Star Plus India	TV		O
4835	MEASAT 3	91.5	12603	V	30000	5/6	ABP News India	TV		O
4836	MEASAT 3	91.5	12603	V	30000	5/6	Star Movies India	TV		O
4837	MEASAT 3	91.5	12603	V	30000	5/6	Star Gold India	TV		O
4838	MEASAT 3	91.5	12603	V	30000	5/6	Star World India	TV		O
4839	MEASAT 3	91.5	12603	V	30000	5/6	Channel V India	TV		O
4840	MEASAT 3	91.5	12603	V	30000	5/6	Filmy	TV		O
4841	MEASAT 3	91.5	12603	V	30000	5/6	Ten Sports India	TV		O
4842	MEASAT 3	91.5	12603	V	30000	5/6	NDTV Profit (Mon-Fri 09-17)	TV		O
4843	MEASAT 3	91.5	12603	V	30000	5/6	NDTV Prime (Mon Fri 17-09 & Sat-Sun)	TV		O
4844	MEASAT 3	91.5	12603	V	30000	5/6	NDTV 24x7	TV		O
4845	MEASAT 3	91.5	12603	V	30000	5/6	NDTV India	TV		O
4846	MEASAT 3	91.5	12603	V	30000	5/6	NDTV Good Times	TV		O
4847	MEASAT 3	91.5	12603	V	30000	5/6	Disney XD India	TV		O
4848	MEASAT 3	91.5	12603	V	30000	5/6	Kasthuri TV	TV		O
4849	MEASAT 3	91.5	12603	V	30000	5/6	UTV Movies	TV		O
4850	MEASAT 3	91.5	12603	V	30000	5/6	WB India	TV		O
4851	MEASAT 3	91.5	12603	V	30000	5/6	PTC Punjabi	TV		O
4852	MEASAT 3	91.5	12603	V	30000	5/6	Home Shop 18	TV		O
4853	MEASAT 3	91.5	12603	V	30000	5/6	TV 99 (India)	TV		O
4854	MEASAT 3	91.5	12603	V	30000	5/6	RT English	TV		O
4855	MEASAT 3	91.5	12603	H	29999	5/6	Kannada Cinema Club	TV		O
4856	MEASAT 3	91.5	12603	H	29999	5/6	Media One	TV		O
4857	MEASAT 3	91.5	12603	H	29999	5/6	Jaya Max	TV		O
4858	MEASAT 3	91.5	12603	H	29999	5/6	9XM	TV		O
4859	MEASAT 3	91.5	12603	H	29999	5/6	UTV Action	TV		O
4860	MEASAT 3	91.5	12603	H	29999	5/6	UTV Movies	TV		O
4861	MEASAT 3	91.5	12603	H	29999	5/6	Malayalam Cinema Club	TV		O
4862	MEASAT 3	91.5	12603	H	29999	5/6	Star Sports 2	TV		O
4863	MEASAT 3	91.5	12603	H	29999	5/6	Kochu TV	TV		O
4864	MEASAT 3	91.5	12603	H	29999	5/6	Asianet Movies	TV		O
4865	MEASAT 3	91.5	12603	H	29999	5/6	History TV 18	TV		O
4866	MEASAT 3	91.5	12603	H	29999	5/6	BBC World News South Asia	TV		O
4867	MEASAT 3	91.5	12603	H	29999	5/6	Ten Cricket India	TV		O
4868	MEASAT 3	91.5	12603	H	29999	5/6	Movies Now	TV		O
4869	MEASAT 3	91.5	12603	H	29999	5/6	Life OK India	TV		O
4870	MEASAT 3	91.5	12603	H	29999	5/6	Nickelodeon India	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
4871	MEASAT 3	91.5	12603	H	29999	5/6	RT English	TV		O
4872	MEASAT 3	91.5	12603	H	29999	5/6	Romedy Now	TV		O
4873	MEASAT 3	91.5	12603	H	29999	5/6	Chirithira	TV		O
4874	MEASAT 3	91.5	12603	H	29999	5/6	Zee Bangla	TV		O
4875	MEASAT 3	91.5	12603	H	29999	5/6	ET Now	TV		O
4876	MEASAT 3	91.5	12603	H	29999	5/6	Mazhavil Manorama	TV		O
4877	MEASAT 3	91.5	12603	H	29999	5/6	Maa Music	TV		O
4878	MEASAT 3	91.5	12603	H	29999	5/6	Tamil Cinema Club	TV		O
4879	MEASAT 3	91.5	12603	H	29999	5/6	Telugu Cinema Club	TV		O
4880	MEASAT 3	91.5	12603	H	29999	5/6	Captain TV	TV		O
4881	MEASAT 3	91.5	12603	H	29999	5/6	ABN (India)	TV		O
4882	MEASAT 3	91.5	12603	H	29999	5/6	VH1 India	TV		O
4883	MEASAT 3	91.5	12603	H	29999	5/6	Suriyan TV	TV		O
4884	MEASAT 3	91.5	12603	H	29999	5/6	Gemini Action	TV		O
4885	MEASAT 3	91.5	12603	H	29999	5/6	Sun Action	TV		O
4886	MEASAT 3	91.5	12603	H	29999	5/6	Surya Action	TV		O
4887	MEASAT 3	91.5	12603	H	29999	5/6	Thanthi TV	TV		O
4888	MEASAT 3	91.5	12603	H	29999	5/6	Maa Movies	TV		O
4889	MEASAT 3	91.5	12603	H	29999	5/6	DD Rajasthan	TV		O
4890	MEASAT 3	91.5	12603	H	29999	5/6	DD Madhya Pradesh	TV		O
4891	MEASAT 3	91.5	12603	H	29999	5/6	Mathrubhumi News	TV		O
4892	MEASAT 3	91.5	12603	H	29999	5/6	ETV Kannada News	TV		O
4893	MEASAT 3	91.5	12603	H	29999	5/6	V6 News	TV		O
4894	MEASAT 3	91.5	12603	H	29999	5/6	Flowers	TV		O
4895	MEASAT 3	91.5	12643	V	30000	7/8	NTV (India)	TV		O
4896	MEASAT 3	91.5	12643	V	30000	7/8	TV 9 Telugu	TV		O
4897	MEASAT 3	91.5	12643	V	30000	7/8	PTC Chak De	TV		O
4898	MEASAT 3	91.5	12643	V	30000	7/8	Fox Life India	TV		O
4899	MEASAT 3	91.5	12643	V	30000	7/8	National Geographic Channel India	TV		O
4900	MEASAT 3	91.5	12643	V	30000	7/8	Life OK India	TV		O
4901	MEASAT 3	91.5	12643	V	30000	7/8	AXN India	TV		O
4902	MEASAT 3	91.5	12643	V	30000	7/8	ABP Ananda	TV		O
4903	MEASAT 3	91.5	12643	V	30000	7/8	Bindass	TV		O
4904	MEASAT 3	91.5	12643	V	30000	7/8	Zee Telugu	TV		O
4905	MEASAT 3	91.5	12643	V	30000	7/8	Zee Talkies	TV		O
4906	MEASAT 3	91.5	12643	V	30000	7/8	Vasanth TV	TV		O
4907	MEASAT 3	91.5	12643	V	30000	7/8	Zee Kannada	TV		O
4908	MEASAT 3	91.5	12643	V	30000	7/8	Gemini TV	TV		O
4909	MEASAT 3	91.5	12643	V	30000	7/8	Firangi	TV		O
4910	MEASAT 3	91.5	12643	V	30000	7/8	Gemini Comedy	TV		O
4911	MEASAT 3	91.5	12643	V	30000	7/8	DD News	TV		O
4912	MEASAT 3	91.5	12643	V	30000	7/8	DD Punjabi	TV		O
4913	MEASAT 3	91.5	12643	V	30000	7/8	DD Girnar	TV		O
4914	MEASAT 3	91.5	12643	V	30000	7/8	DD Chandana	TV		O
4915	MEASAT 3	91.5	12643	V	30000	7/8	DD Oriya	TV		O
4916	MEASAT 3	91.5	12643	V	30000	7/8	DD Kashmir	TV		O
4917	MEASAT 3	91.5	12643	V	30000	7/8	DD Sahyadri	TV		O
4918	MEASAT 3	91.5	12643	V	30000	7/8	Subhavaartha TV	TV		O
4919	MEASAT 3	91.5	12643	V	30000	7/8	DD National	TV		O
4920	MEASAT 3	91.5	12643	V	30000	7/8	9X	TV		O
4921	MEASAT 3	91.5	12643	V	30000	7/8	Star Sports 3	TV		O
4922	MEASAT 3	91.5	12643	V	30000	7/8	Star Sports 4	TV		O
4923	MEASAT 3	91.5	12643	H	30000	5/6	Showcase (Indonesia)	TV		O
4924	MEASAT 3	91.5	12643	H	30000	5/6	Jelita	TV		O
4925	MEASAT 3	91.5	12643	H	30000	5/6	T Music	TV		O
4926	MEASAT 3	91.5	12643	H	30000	5/6	Eat & Go	TV		O
4927	MEASAT 3	91.5	12643	H	30000	5/6	Indosiar	TV		O
4928	MEASAT 3	91.5	12643	H	30000	5/6	Global TV (Indonesia)	TV		O
4929	MEASAT 3	91.5	12643	H	30000	5/6	TVRI Nasional	TV		O
4930	MEASAT 3	91.5	12643	H	30000	5/6	MNC TV	TV		O
4931	MEASAT 3	91.5	12643	H	30000	5/6	TVOne	TV		O
4932	MEASAT 3	91.5	12643	H	30000	5/6	ANTV (Indonesia)	TV		O
4933	MEASAT 3	91.5	12643	H	30000	5/6	Trans TV	TV		O
4934	MEASAT 3	91.5	12643	H	30000	5/6	Star Chinese Movies South East Asia	TV		O
4935	MEASAT 3	91.5	12643	H	30000	5/6	WakuWaku Japan	TV		O
4936	MEASAT 3	91.5	12643	H	30000	5/6	KBS World Indonesia	TV		O
4937	MEASAT 3	91.5	12643	H	30000	5/6	RCTI	TV		O
4938	MEASAT 3	91.5	12643	H	30000	5/6	BabyFirst TV	TV		O
4939	MEASAT 3	91.5	12643	H	30000	5/6	CNN International Asia Pacific	TV		O
4940	MEASAT 3	91.5	12683	V	30000	5/6	Neo Prime	TV		O
4941	MEASAT 3	91.5	12683	V	30000	5/6	Star Pravah	TV		O
4942	MEASAT 3	91.5	12683	V	30000	5/6	Zee Premier	TV		O
4943	MEASAT 3	91.5	12683	V	30000	5/6	Star Jalsha	TV		O
4944	MEASAT 3	91.5	12683	V	30000	5/6	Aaseervatham TV	TV		O
4945	MEASAT 3	91.5	12683	V	30000	5/6	DY 365	TV		O
4946	MEASAT 3	91.5	12683	V	30000	5/6	Colors Bangla	TV		O
4947	MEASAT 3	91.5	12683	V	30000	5/6	Colors Marathi	TV		O
4948	MEASAT 3	91.5	12683	V	30000	5/6	Colors Kannada	TV		O
4949	MEASAT 3	91.5	12683	V	30000	5/6	ETV Gujarati	TV		O
4950	MEASAT 3	91.5	12683	V	30000	5/6	ETV Odia	TV		O
4951	MEASAT 3	91.5	12683	V	30000	5/6	ETV Telugu	TV		O
4952	MEASAT 3	91.5	12683	V	30000	5/6	ETV Andhra Pradesh	TV		O
4953	MEASAT 3	91.5	12683	V	30000	5/6	Maa TV	TV		O
4954	MEASAT 3	91.5	12683	V	30000	5/6	IBN 7	TV		O
4955	MEASAT 3	91.5	12683	V	30000	5/6	Pogo	TV		O
4956	MEASAT 3	91.5	12683	V	30000	5/6	BBC World News South Asia	TV		O
4957	MEASAT 3	91.5	12683	V	30000	5/6	Chutti TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
4958	MEASAT 3	91.5	12683	V	30000	5/6	HBO South Asia	TV		O
4959	MEASAT 3	91.5	12683	V	30000	5/6	Discovery Channel India	TV		O
4960	MEASAT 3	91.5	12683	V	30000	5/6	TLC India	TV		O
4961	MEASAT 3	91.5	12683	V	30000	5/6	SET India	TV		O
4962	MEASAT 3	91.5	12683	V	30000	5/6	Sony SAB TV India	TV		O
4963	MEASAT 3	91.5	12683	V	30000	5/6	Cartoon Network India	TV		O
4964	MEASAT 3	91.5	12683	V	30000	5/6	Animal Planet India	TV		O
4965	MEASAT 3	91.5	12683	V	30000	5/6	Sony Max India	TV		O
4966	MEASAT 3	91.5	12683	V	30000	5/6	Sony Pix	TV		O
4967	MEASAT 3	91.5	12683	V	30000	5/6	Sahara One	TV		O
4968	MEASAT 3	91.5	12683	V	30000	5/6	Fox Crime India	TV		O
4969	MEASAT 3	91.5	12683	V	30000	5/6	News X	TV		O
4970	MEASAT 3	91.5	12683	H	27500	5/6	Times Now	TV		O
4971	MEASAT 3	91.5	12683	H	27500	5/6	ETV Uttar Pradesh Uttarakhand	TV		O
4972	MEASAT 3	91.5	12683	H	27500	5/6	ETV Madhya Pradesh Chattisgarh	TV		O
4973	MEASAT 3	91.5	12683	H	27500	5/6	ETV Rajasthan	TV		O
4974	MEASAT 3	91.5	12683	H	27500	5/6	ETV Bihar Jharkhand	TV		O
4975	MEASAT 3	91.5	12683	H	27500	5/6	ETV Urdu	TV		O
4976	MEASAT 3	91.5	12683	H	27500	5/6	Asianet Suvarna	TV		O
4977	MEASAT 3	91.5	12683	H	27500	5/6	Rupasi Bangla	TV		O
4978	MEASAT 3	91.5	12683	H	27500	5/6	Isai Aruvi	TV		O
4979	MEASAT 3	91.5	12683	H	27500	5/6	Asianet Plus	TV		O
4980	MEASAT 3	91.5	12683	H	27500	5/6	Asianet	TV		O
4981	MEASAT 3	91.5	12683	H	27500	5/6	Tarang TV	TV		O
4982	MEASAT 3	91.5	12683	H	27500	5/6	Maa Music	TV		O
4983	MEASAT 3	91.5	12683	H	27500	5/6	Zee Marathi	TV		O
4984	MEASAT 3	91.5	12683	H	27500	5/6	Zee Bangla	TV		O
4985	MEASAT 3	91.5	12683	H	27500	5/6	Zee Studio	TV		O
4986	MEASAT 3	91.5	12683	H	27500	5/6	Aaj Tak	TV		O
4987	MEASAT 3	91.5	12683	H	27500	5/6	Cartoon Network India	TV		O
4988	MEASAT 3	91.5	12683	H	27500	5/6	Disney XD India	TV		O
4989	MEASAT 3	91.5	12683	H	27500	5/6	Discovery Kids India	TV		O
4990	MEASAT 3	91.5	12683	H	27500	5/6	Zee 24 Taas	TV		O
4991	MEASAT 3	91.5	12683	H	27500	5/6	Star Sports 3	TV		O
4992	MEASAT 3	91.5	12683	H	27500	5/6	Star Sports 4	TV		O
4993	MEASAT 3	91.5	12683	H	27500	5/6	Reliance Digital TV Preview	R		O
4994	MEASAT 3	91.5	12723	V	30000	5/6	Focus NE	TV		O
4995	MEASAT 3	91.5	12723	V	30000	5/6	Amrita TV	TV		O
4996	MEASAT 3	91.5	12723	V	30000	5/6	Bhakthi TV	TV		O
4997	MEASAT 3	91.5	12723	V	30000	5/6	TV 5 News	TV		O
4998	MEASAT 3	91.5	12723	V	30000	5/6	CNN-IBN	TV		O
4999	MEASAT 3	91.5	12723	V	30000	5/6	SVBC	TV		O
5000	MEASAT 3	91.5	12723	V	30000	5/6	Bloomberg TV India	TV		O
5001	MEASAT 3	91.5	12723	V	30000	5/6	Shalom TV India	TV		O
5002	MEASAT 3	91.5	12723	V	30000	5/6	DD Malayalam	TV		O
5003	MEASAT 3	91.5	12723	V	30000	5/6	DD Urdu	TV		O
5004	MEASAT 3	91.5	12723	V	30000	5/6	Colors	TV		O
5005	MEASAT 3	91.5	12723	V	30000	5/6	DD Bangla	TV		O
5006	MEASAT 3	91.5	12723	V	30000	5/6	News Live	TV		O
5007	MEASAT 3	91.5	12723	V	30000	5/6	P7 News	TV		O
5008	MEASAT 3	91.5	12723	V	30000	5/6	Music India	TV		O
5009	MEASAT 3	91.5	12723	V	30000	5/6	Gemini Comedy	TV		O
5010	MEASAT 3	91.5	12723	V	30000	5/6	KTV (India)	TV		O
5011	MEASAT 3	91.5	12723	V	30000	5/6	Lok Sabha TV	TV		O
5012	MEASAT 3	91.5	12723	V	30000	5/6	Jaihind TV	TV		O
5013	MEASAT 3	91.5	12723	V	30000	5/6	Hummra M	TV		O
5014	MEASAT 3	91.5	12723	V	30000	5/6	PTC News	TV		O
5015	MEASAT 3	91.5	12723	V	30000	5/6	Odisha TV	TV		O
5016	MEASAT 3	91.5	12723	V	30000	5/6	Star Sports 1	TV		O
5017	MEASAT 3	91.5	12723	V	30000	5/6	Help Channel	TV		O
5018	MEASAT 3	91.5	12723	V	30000	5/6	National Geographic Channel HD India	TV		O
5019	MEASAT 3	91.5	12723	H	30000	5/6	Boomerang Asia	TV		O
5020	MEASAT 3	91.5	12723	H	30000	5/6	Sony Channel Asia	TV		O
5021	MEASAT 3	91.5	12723	H	30000	5/6	Kix	TV		O
5022	MEASAT 3	91.5	12723	H	30000	5/6	Fox Indonesia	TV		O
5023	MEASAT 3	91.5	12723	H	30000	5/6	Cinemax Asia	TV		O
5024	MEASAT 3	91.5	12723	H	30000	5/6	AXN Indonesia	TV		O
5025	MEASAT 3	91.5	12723	H	30000	5/6	Disney Channel Indonesia	TV		O
5026	MEASAT 3	91.5	12723	H	30000	5/6	Fox Movies Premium	TV		O
5027	MEASAT 3A	91.5	3705	H	4290	3/4	UNTV	TV		O
5028	MEASAT 3A	91.5	3705	H	4290	3/4	UNTV Radio AM	R		O
5029	MEASAT 3A	91.5	3705	H	4290	3/4	UNTV Radio FM	R		O
5030	MEASAT 3A	91.5	3710	H	2860	3/4	Ang Dating Daan	TV		O
5031	MEASAT 3A	91.5	3717	H	7500	2/3	PBO	TV		O
5032	MEASAT 3A	91.5	3717	H	7500	2/3	Viva Channel	TV		O
5033	MEASAT 3A	91.5	3717	H	7500	2/3	MTV Pinoy	TV		O
5034	MEASAT 3A	91.5	3717	H	7500	2/3	TMC	TV		O
5035	MEASAT 3A	91.5	3727	H	9833	2/3	Astro Warna	TV		O
5036	MEASAT 3A	91.5	3727	H	9833	2/3	Golf Channel Indonesia	TV		O
5037	MEASAT 3A	91.5	3727	H	9833	2/3	Astro Vellithirai	TV		O
5038	MEASAT 3A	91.5	3735	H	3000	3/4	UTV Movies International	TV		O
5039	MEASAT 3A	91.5	3760	H	29700	5/6	My Cinema	TV		O
5040	MEASAT 3A	91.5	3840	H	30000	5/6	Cartoon Network South East Asia	TV		O
5041	MEASAT 3A	91.5	3840	H	30000	5/6	Boomerang Asia	TV		O
5042	MEASAT 3A	91.5	3840	H	30000	5/6	Warner TV Asia	TV		O
5043	MEASAT 3A	91.5	3840	H	30000	5/6	Oh! K	TV		O
5044	MEASAT 3A	91.5	3840	H	30000	5/6	Tru TV Asia	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 일표화 등)
5045	MEASAT 3A	91.5	3840	H	30000	5/6	Toonami	TV		O
5046	MEASAT 3A	91.5	3890	H	15000	2/3	Dog TV	TV		O
5047	MEASAT 3A	91.5	3904	H	2916	2/3	Sabah FM	R		O
5048	MEASAT 3A	91.5	3904	H	2916	2/3	Sabah V FM	R		O
5049	MEASAT 3A	91.5	3918	H	18385	2/3	RTM TV 1	TV		O
5050	MEASAT 3A	91.5	3918	H	18385	2/3	RTM TV 2	TV		O
5051	MEASAT 3A	91.5	3918	H	18385	2/3	RTM Galaksi Muzik	TV		O
5052	MEASAT 3A	91.5	3918	H	18385	2/3	RTM TVi	TV		O
5053	MEASAT 3A	91.5	3918	H	18385	2/3	Radio Klasik	R		O
5054	MEASAT 3A	91.5	3918	H	18385	2/3	Nasional FM	R		O
5055	MEASAT 3A	91.5	3918	H	18385	2/3	Suara Malaysia 1	R		O
5056	MEASAT 3A	91.5	3918	H	18385	2/3	Asyik FM	R		O
5057	MEASAT 3A	91.5	3918	H	18385	2/3	Traxx FM	R		O
5058	MEASAT 3A	91.5	3918	H	18385	2/3	Ai FM	R		O
5059	MEASAT 3A	91.5	3918	H	18385	2/3	Minnal FM	R		O
5060	MEASAT 3A	91.5	3918	H	18385	2/3	Radio Klasik	R		O
5061	MEASAT 3A	91.5	3918	H	18385	2/3	Ai FM	R		O
5062	MEASAT 3A	91.5	3960	H	29700	5/6	Lifetime Asia	TV		O
5063	MEASAT 3A	91.5	3960	H	29700	5/6	H2 Asia	TV		O
5064	MEASAT 3A	91.5	3960	H	29700	5/6	Kix	TV		O
5065	MEASAT 3A	91.5	3960	H	29700	5/6	WakuWaku Japan	TV		O
5066	MEASAT 3A	91.5	3960	H	29700	5/6	All Sports Network 2	TV		O
5067	MEASAT 3A	91.5	3960	H	29700	5/6	History Philippines	TV		O
5068	MEASAT 3A	91.5	3960	H	29700	5/6	All Sports Network	TV		O
5069	MEASAT 3A	91.5	3960	H	29700	5/6	Zee Bioskop	TV		O
5070	MEASAT 3A	91.5	3960	H	29700	5/6	Zee Nung	TV		O
5071	MEASAT 3A	91.5	3960	H	29700	5/6	Zee Hiburan	TV		O
5072	MEASAT 3A	91.5	4000	H	29700	5/6	Discovery HD World India	TV		O
5073	MEASAT 3A	91.5	4000	H	29700	5/6	Kalaigarn TV Asia	TV		O
5074	MEASAT 3A	91.5	4000	H	29700	5/6	Sundance Channel Asia	TV		O
5075	MEASAT 3A	91.5	4000	H	29700	5/6	AMC Asia	TV		O
5076	MEASAT 3A	91.5	4000	H	29700	5/6	Sundance Channel Asia	TV		O
5077	MEASAT 3A	91.5	4000	H	29700	5/6	Life Inspired	TV		O
5078	MEASAT 3A	91.5	4000	H	29700	5/6	Sundance Channel Middle East	TV		O
5079	MEASAT 3A	91.5	4000	H	29700	5/6	Celestial Classic Movies Thailand	TV		O
5080	MEASAT 3A	91.5	4000	H	29700	5/6	Thrill	TV		O
5081	MEASAT 3A	91.5	4000	H	29700	5/6	AMC Asia	TV		O
5082	MEASAT 3A	91.5	4000	H	29700	5/6	Celestial Movies Indonesia	TV		O
5083	MEASAT 3A	91.5	4040	H	28600	5/6	Dog TV	TV		O
5084	MEASAT 3A	91.5	4040	H	28600	5/6	Duck TV SD	TV		O
5085	MEASAT 3A	91.5	4040	H	28600	5/6	ICconcerts	TV		O
5086	MEASAT 3A	91.5	4040	H	28600	5/6	Sky News UK	TV		O
5087	MEASAT 3A	91.5	4040	H	28600	5/6	NBA Premium TV	TV		O
5088	MEASAT 3A	91.5	4040	H	28600	5/6	Fashion One Asia	TV		O
5089	MEASAT 3A	91.5	4040	H	28600	5/6	Classica Asia	TV		O
5090	MEASAT 3A	91.5	4040	H	28600	5/6	Vision 2 Drama	TV		O
5091	MEASAT 3A	91.5	4040	H	28600	5/6	English Club TV	TV		O
5092	MEASAT 3A	91.5	4040	H	28600	5/6	Colors	TV		O
5093	MEASAT 3A	91.5	4040	H	28600	5/6	Record Japan	TV		O
5094	MEASAT 3A	91.5	4120	H	30000	5/6	Astro Prima	TV		O
5095	MEASAT 3A	91.5	4120	H	30000	5/6	Astro Ria	TV		O
5096	MEASAT 3A	91.5	4120	H	30000	5/6	Setanta Sports Asia	TV		O
5097	MEASAT 3A	91.5	4147	H	7200	5/6	Pepsi MTV Indies	TV		O
5098	MEASAT 3A	91.5	4164	H	20640	2/3	Fight Sports	TV		O
5099	MEASAT 3A	91.5	4164	H	20640	2/3	Baby TV Asia	TV		O
5100	MEASAT 3A	91.5	4164	H	20640	2/3	RT English	TV		O
5101	MEASAT 3A	91.5	4164	H	20640	2/3	RT D	TV		O
5102	MEASAT 3A	91.5	4164	H	20640	2/3	Nat Geo Music	TV		O
5103	MEASAT 3A	91.5	12276	V	30000	3/5	Astro PPV Movies HD 496	TV		O
5104	MEASAT 3A	91.5	12276	V	30000	3/5	Fox Movies Premium HD +1	TV		O
5105	MEASAT 3A	91.5	12276	V	30000	3/5	Astro PPV Movies HD 497	TV		O
5106	MEASAT 3A	91.5	12276	V	30000	3/5	Astro Hua Hee Dai	TV		O
5107	MEASAT 3A	91.5	12276	V	30000	3/5	HBO HD Malaysia	TV		O
5108	MEASAT 3A	91.5	12276	V	30000	3/5	KBS World	TV		O
5109	MEASAT 3A	91.5	12276	H	30000	2/3	Cartoon Network Asia	TV		O
5110	MEASAT 3A	91.5	12276	H	30000	2/3	Toonami	TV		O
5111	MEASAT 3A	91.5	12276	H	30000	2/3	Disney Junior Indonesia	TV		O
5112	MEASAT 3A	91.5	12276	H	30000	2/3	Fox Movies Premium	TV		O
5113	MEASAT 3A	91.5	12276	H	30000	2/3	HBO Asia	TV		O
5114	MEASAT 3A	91.5	12276	H	30000	2/3	HBO Signature Asia	TV		O
5115	MEASAT 3A	91.5	12276	H	30000	2/3	HBO Hits	TV		O
5116	MEASAT 3A	91.5	12276	H	30000	2/3	HBO Family Asia	TV		O
5117	MEASAT 3A	91.5	12276	H	30000	2/3	RCTI	TV		O
5118	MEASAT 3A	91.5	12276	H	30000	2/3	Fashion TV Asia	TV		O
5119	MEASAT 3A	91.5	12276	H	30000	2/3	Quran TV (Saudi Arabia)	TV		O
5120	MEASAT 3A	91.5	12276	H	30000	2/3	Jak TV	TV		O
5121	MEASAT 3A	91.5	12276	H	30000	2/3	Net	TV		O
5122	MEASAT 3A	91.5	12276	H	30000	2/3	Kompas TV	TV		O
5123	MEASAT 3A	91.5	12276	H	30000	2/3	Aora 9 Film	TV		O
5124	MEASAT 3A	91.5	12276	H	30000	2/3	Fox Crime Asia	TV		O
5125	MEASAT 3A	91.5	12276	H	30000	2/3	Nickelodeon Indonesia	TV		O
5126	MEASAT 3A	91.5	12276	H	30000	2/3	Aora 9 Anak	TV		O
5127	MEASAT 3A	91.5	12276	H	30000	2/3	JTV (Indonesia)	TV		O
5128	MEASAT 3A	91.5	12276	H	30000	2/3	Discovery Channel South East Asia	TV		O
5129	MEASAT 3A	91.5	12276	H	30000	2/3	Berita Satu News Channel	TV		O
5130	MEASAT 3A	91.5	12276	H	30000	2/3	Da Ai TV Indonesia	TV		O
5131	MEASAT 3A	91.5	12276	H	30000	2/3	Aora 9	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
5132	MEASAT 3A	91.5	12276	H	30000	2/3	TVOne	TV		O
5133	MEASAT 3A	91.5	12276	H	30000	2/3	Metro TV (Indonesia)	TV		O
5134	MEASAT 3A	91.5	12276	H	30000	2/3	Global TV (Indonesia)	TV		O
5135	MEASAT 3A	91.5	12276	H	30000	2/3	Disney Channel Indonesia	TV		O
5136	MEASAT 3A	91.5	12276	H	30000	2/3	Rajawali TV	TV		O
5137	MEASAT 3A	91.5	12276	H	30000	2/3	AMC Asia	TV		O
5138	MEASAT 3A	91.5	12276	H	30000	2/3	BabyFirst TV	TV		O
5139	MEASAT 3A	91.5	12276	H	30000	2/3	TVRI Nasional	TV		O
5140	MEASAT 3A	91.5	12276	H	30000	2/3	SCTV (Indonesia)	TV		O
5141	MEASAT 3A	91.5	12276	H	30000	2/3	Indosiar	TV		O
5142	MEASAT 3A	91.5	12276	H	30000	2/3	Trans TV	TV		O
5143	MEASAT 3A	91.5	12276	H	30000	2/3	Nick Jr Asia	TV		O
5144	MEASAT 3A	91.5	12276	H	30000	2/3	MNC TV	TV		O
5145	MEASAT 3A	91.5	12276	H	30000	2/3	Star Chinese Movies South East Asia	TV		O
5146	MEASAT 3A	91.5	12276	H	30000	2/3	Zee Bioskop	TV		O
5147	MEASAT 3A	91.5	12316	V	30000	3/5	Hits	TV		O
5148	MEASAT 3A	91.5	12316	V	30000	3/5	Celestial Movies HD	TV		O
5149	MEASAT 3A	91.5	12316	V	30000	3/5	A-list	TV		O
5150	MEASAT 3A	91.5	12316	V	30000	3/5	Kix Malaysia	TV		O
5151	MEASAT 3A	91.5	12316	V	30000	3/5	Astro Maya HD	TV		O
5152	MEASAT 3A	91.5	12316	V	30000	3/5	Astro BollyOne HD	TV		O
5153	MEASAT 3A	91.5	12316	H	30000	2/3	Saluran Film Indonesia	TV		O
5154	MEASAT 3A	91.5	12316	H	30000	2/3	Celestial Movies Indonesia	TV		O
5155	MEASAT 3A	91.5	12316	H	30000	2/3	Diva Asia	TV		O
5156	MEASAT 3A	91.5	12316	H	30000	2/3	Fox Family Movies	TV		O
5157	MEASAT 3A	91.5	12316	H	30000	2/3	Saluran Musik Indonesia	TV		O
5158	MEASAT 3A	91.5	12316	H	30000	2/3	Channel V International	TV		O
5159	MEASAT 3A	91.5	12316	H	30000	2/3	Asian Food Channel	TV		O
5160	MEASAT 3A	91.5	12316	H	30000	2/3	Star World Asia	TV		O
5161	MEASAT 3A	91.5	12316	H	30000	2/3	National Geographic Channel Asia	TV		O
5162	MEASAT 3A	91.5	12316	H	30000	2/3	Nat Geo Wild Asia	TV		O
5163	MEASAT 3A	91.5	12316	H	30000	2/3	History Asia	TV		O
5164	MEASAT 3A	91.5	12316	H	30000	2/3	Channel M	TV		O
5165	MEASAT 3A	91.5	12316	H	30000	2/3	Cinemax Asia	TV		O
5166	MEASAT 3A	91.5	12316	H	30000	2/3	Fox Action Movies	TV		O
5167	MEASAT 3A	91.5	12316	H	30000	2/3	Trans 7	TV		O
5168	MEASAT 3A	91.5	12316	H	30000	2/3	ANTV (Indonesia)	TV		O
5169	MEASAT 3A	91.5	12316	H	30000	2/3	Thrill	TV		O
5170	MEASAT 3A	91.5	12316	H	30000	2/3	Universal Channel Asia	TV		O
5171	MEASAT 3A	91.5	12316	H	30000	2/3	Kix	TV		O
5172	MEASAT 3A	91.5	12316	H	30000	2/3	TLC South East Asia	TV		O
5173	MEASAT 3A	91.5	12316	H	30000	2/3	Al Jazeera English	TV		O
5174	MEASAT 3A	91.5	12316	H	30000	2/3	Jendela Aora	TV		O
5175	MEASAT 3A	91.5	12316	H	30000	2/3	CNN International Asia Pacific	TV		O
5176	MEASAT 3A	91.5	12316	H	30000	2/3	Fox Indonesia	TV		O
5177	MEASAT 3A	91.5	12316	H	30000	2/3	Animal Planet South East Asia	TV		O
5178	MEASAT 3A	91.5	12316	H	30000	2/3	Bloomberg TV Indonesia	TV		O
5179	MEASAT 3A	91.5	12316	H	30000	2/3	Aora 9 Film	TV		O
5180	MEASAT 3A	91.5	12316	H	30000	2/3	E! Asia & Pacific	TV		O
5181	MEASAT 3A	91.5	12316	H	30000	2/3	Life Inspired	TV		O
5182	MEASAT 3A	91.5	12316	H	30000	2/3	Fox Crime Asia	TV		O
5183	MEASAT 3A	91.5	12356	V	30000	3/5	Food Network Asia	TV		O
5184	MEASAT 3A	91.5	12356	V	30000	3/5	Sky News UK	TV		O
5185	MEASAT 3A	91.5	12356	V	30000	3/5	Astro Vinmeen HD	TV		O
5186	MEASAT 3A	91.5	12356	V	30000	3/5	Astro SuperSport 2	TV		O
5187	MEASAT 3A	91.5	12356	V	30000	3/5	Astro Wah Lai Toi HD	TV		O
5188	MEASAT 3A	91.5	12356	V	30000	3/5	Astro Mustika HD	TV		O
5189	MEASAT 3A	91.5	12396	V	30000	3/5	Sundance Channel Malaysia	TV		O
5190	MEASAT 3A	91.5	12396	V	30000	3/5	Discovery HD World South East Asia	TV		O
5191	MEASAT 3A	91.5	12396	V	30000	3/5	Star World HD Asia	TV		O
5192	MEASAT 3A	91.5	12396	V	30000	3/5	Fox Sports Malaysia	TV		O
5193	MEASAT 3A	91.5	12396	V	30000	3/5	Disney XD Malaysia	TV		O
5194	MEASAT 3A	91.5	12396	V	30000	3/5	Life Inspired	TV		O
5195	MEASAT 3A	91.5	12396	H	31000	2/3	Metro TV (Indonesia)	TV		O
5196	MEASAT 3A	91.5	12396	H	31000	2/3	Fox Indonesia	TV		O
5197	MEASAT 3A	91.5	12396	H	31000	2/3	MD Channel	TV		O
5198	MEASAT 3A	91.5	12396	H	31000	2/3	TVRI Nasional	TV		O
5199	MEASAT 3A	91.5	12396	H	31000	2/3	TVOne	TV		O
5200	MEASAT 3A	91.5	12396	H	31000	2/3	SCTV (Indonesia)	TV		O
5201	MEASAT 3A	91.5	12396	H	31000	2/3	Indosiar	TV		O
5202	MEASAT 3A	91.5	12396	H	31000	2/3	Trans TV	TV		O
5203	MEASAT 3A	91.5	12396	H	31000	2/3	Trans 7	TV		O
5204	MEASAT 3A	91.5	12396	H	31000	2/3	ANTV (Indonesia)	TV		O
5205	MEASAT 3A	91.5	12396	H	31000	2/3	TV Anak Space Toon Plus	TV		O
5206	MEASAT 3A	91.5	12396	H	31000	2/3	K+	TV		O
5207	MEASAT 3A	91.5	12396	H	31000	2/3	Zee Bioskop	TV		O
5208	MEASAT 3A	91.5	12396	H	31000	2/3	RTL CBS Entertainment	TV		O
5209	MEASAT 3A	91.5	12396	H	31000	2/3	Fox Sports Indonesia	TV		O
5210	MEASAT 3A	91.5	12396	H	31000	2/3	Disney Channel Indonesia	TV		O
5211	MEASAT 3A	91.5	12396	H	31000	2/3	Disney Junior Indonesia	TV		O
5212	MEASAT 3A	91.5	12396	H	31000	2/3	Fox Sports 2 Indonesia	TV		O
5213	MEASAT 3A	91.5	12396	H	31000	2/3	CNN International Asia Pacific	TV		O
5214	MEASAT 3A	91.5	12396	H	31000	2/3	RTL CBS Extreme	TV		O
5215	MEASAT 3A	91.5	12396	H	31000	2/3	Zee Hiburan	TV		O
5216	MEASAT 3A	91.5	12396	H	31000	2/3	Celestial Movies Indonesia	TV		O
5217	MEASAT 3A	91.5	12396	H	31000	2/3	Pop Channel	TV		O
5218	MEASAT 3A	91.5	12396	H	31000	2/3	Bein Sports 1 Indonesia	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 일표화 등)
5219	MEASAT 3A	91.5	12396	H	31000	2/3	Belin Sports 2 Indonesia	TV		O
5220	MEASAT 3A	91.5	12436	V	30000	3/5	Astro SuperSport 3	TV		O
5221	MEASAT 3A	91.5	12436	V	30000	3/5	Diva Asia	TV		O
5222	MEASAT 3A	91.5	12436	V	30000	3/5	AXN Malaysia/Hong Kong	TV		O
5223	MEASAT 3A	91.5	12436	V	30000	3/5	FX HD Asia +1	TV		O
5224	MEASAT 3A	91.5	12436	V	30000	3/5	SET One	TV		O
5225	MEASAT 3A	91.5	12436	H	31000	2/3	CinemaWorld	TV		O
5226	MEASAT 3A	91.5	12436	H	31000	2/3	Cartoon Network Asia	TV		O
5227	MEASAT 3A	91.5	12436	H	31000	2/3	Star World Asia	TV		O
5228	MEASAT 3A	91.5	12436	H	31000	2/3	National Geographic Channel Asia	TV		O
5229	MEASAT 3A	91.5	12436	H	31000	2/3	Fox Movies Premium	TV		O
5230	MEASAT 3A	91.5	12436	H	31000	2/3	Kidnesia	TV		O
5231	MEASAT 3A	91.5	12436	H	31000	2/3	Fox Crime Asia	TV		O
5232	MEASAT 3A	91.5	12436	H	31000	2/3	Nat Geo Wild Asia	TV		O
5233	MEASAT 3A	91.5	12436	H	31000	2/3	Kix	TV		O
5234	MEASAT 3A	91.5	12436	H	31000	2/3	Channel M	TV		O
5235	MEASAT 3A	91.5	12436	H	31000	2/3	FDI Channel	TV		O
5236	MEASAT 3A	91.5	12436	H	31000	2/3	Fox Family Movies	TV		O
5237	MEASAT 3A	91.5	12436	H	31000	2/3	AXN Indonesia	TV		O
5238	MEASAT 3A	91.5	12436	H	31000	2/3	Animax East Asia	TV		O
5239	MEASAT 3A	91.5	12436	H	31000	2/3	Galaxy	TV		O
5240	MEASAT 3A	91.5	12436	H	31000	2/3	Pelangi (Indonesia)	TV		O
5241	MEASAT 3A	91.5	12436	H	31000	2/3	Fox Action Movies	TV		O
5242	MEASAT 3A	91.5	12436	H	31000	2/3	Life Inspired	TV		O
5243	MEASAT 3A	91.5	12436	H	31000	2/3	Al Jazeera English	TV		O
5244	MEASAT 3A	91.5	12436	H	31000	2/3	Fight Sports	TV		O
5245	MEASAT 3A	91.5	12436	H	31000	2/3	Bola Indonesia	TV		O
5246	MEASAT 3A	91.5	12436	H	31000	2/3	On Channel	TV		O
5247	MEASAT 3A	91.5	12436	H	31000	2/3	Kompas TV	TV		O
5248	MEASAT 3A	91.5	12436	H	31000	2/3	Berita Satu News Channel	TV		O
5249	MEASAT 3A	91.5	12476	V	30000	3/5	National Geographic Channel HD Asia	TV		O
5250	MEASAT 3A	91.5	12476	V	30000	3/5	Astro SuperSport	TV		O
5251	MEASAT 3A	91.5	12476	V	30000	3/5	Astro PPV Movies HD 495	TV		O
5252	MEASAT 3A	91.5	12476	V	30000	3/5	Astro On Demand 350 HD	TV		O
5253	MEASAT 3A	91.5	12476	V	30000	3/5	History HD Asia	TV		O
5254	MEASAT 3A	91.5	12476	V	30000	3/5	Astro Quan Jia HD	TV		O
5255	CHINASAT 9	92.2	11880	CL	28800	3/4	CCTV 13	TV		O
5256	CHINASAT 9	92.2	11880	CL	28800	3/4	CCTV 1	TV		O
5257	CHINASAT 9	92.2	11880	CL	28800	3/4	CCTV 7	TV		O
5258	CHINASAT 9	92.2	11880	CL	28800	3/4	Sichuan Kangba Tibetan TV	TV		O
5259	CHINASAT 9	92.2	11880	CL	28800	3/4	Nei Monggol TV	TV		O
5260	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 4	TV		O
5261	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 9	TV		O
5262	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 8	TV		O
5263	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 12	TV		O
5264	CHINASAT 9	92.2	11880	CL	28800	3/4	Xizang TV 1	TV		O
5265	CHINASAT 9	92.2	11880	CL	28800	3/4	Xizang TV 2	TV		O
5266	CHINASAT 9	92.2	11880	CL	28800	3/4	Qinghai TV Comprehensive	TV		O
5267	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 1	TV		O
5268	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 2	TV		O
5269	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang TV 3	TV		O
5270	CHINASAT 9	92.2	11880	CL	28800	3/4	CCTV 12	TV		O
5271	CHINASAT 9	92.2	11880	CL	28800	3/4	CCTV 14	TV		O
5272	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang News Radio	R		O
5273	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang People's Radio Uyqur	R		O
5274	CHINASAT 9	92.2	11880	CL	28800	3/4	Xinjiang People's Radio Khazak	R		O
5275	CHINASAT 9	92.2	11880	CL	28800	3/4	Xizang People's Radio Kangba	R		O
5276	CHINASAT 9	92.2	11880	CL	28800	3/4	Xizang People's Radio	R		O
5277	CHINASAT 9	92.2	11880	CL	28800	3/4	Xizang Tibetan Comprehensive	R		O
5278	CHINASAT 9	92.2	11920	CL	28800	3/4	Fujian South East TV	TV		O
5279	CHINASAT 9	92.2	11920	CL	28800	3/4	Jiangxi TV 1	TV		O
5280	CHINASAT 9	92.2	11920	CL	28800	3/4	Shandong TV	TV		O
5281	CHINASAT 9	92.2	11920	CL	28800	3/4	Henan TV	TV		O
5282	CHINASAT 9	92.2	11920	CL	28800	3/4	Hubei TV	TV		O
5283	CHINASAT 9	92.2	11920	CL	28800	3/4	Hunan TV	TV		O
5284	CHINASAT 9	92.2	11920	CL	28800	3/4	GDTV Public	TV		O
5285	CHINASAT 9	92.2	11920	CL	28800	3/4	Guangxi TV	TV		O
5286	CHINASAT 9	92.2	11920	CL	28800	3/4	Liaoning TV	TV		O
5287	CHINASAT 9	92.2	11920	CL	28800	3/4	Jilin TV Station	TV		O
5288	CHINASAT 9	92.2	11920	CL	28800	3/4	Yanbian TV 1	TV		O
5289	CHINASAT 9	92.2	11920	CL	28800	3/4	Heilongjiang TV	TV		O
5290	CHINASAT 9	92.2	11920	CL	28800	3/4	Dragon TV (China)	TV		O
5291	CHINASAT 9	92.2	11920	CL	28800	3/4	Jiangsu TV	TV		O
5292	CHINASAT 9	92.2	11920	CL	28800	3/4	Zhejiang TV	TV		O
5293	CHINASAT 9	92.2	11920	CL	28800	3/4	Anhui TV	TV		O
5294	CHINASAT 9	92.2	11940	CR	28800	3/4	CCTV News	TV		O
5295	CHINASAT 9	92.2	11940	CR	28800	3/4	The Travel Channel	TV		O
5296	CHINASAT 9	92.2	11940	CR	28800	3/4	Sansha TV	TV		O
5297	CHINASAT 9	92.2	11940	CR	28800	3/4	Lasa TV	TV		O
5298	CHINASAT 9	92.2	11960	CL	28800	3/4	Yunnan TV 1	TV		O
5299	CHINASAT 9	92.2	11960	CL	28800	3/4	Xizang TV 1	TV		O
5300	CHINASAT 9	92.2	11960	CL	28800	3/4	Xizang TV 2	TV		O
5301	CHINASAT 9	92.2	11960	CL	28800	3/4	Shaanxi TV	TV		O
5302	CHINASAT 9	92.2	11960	CL	28800	3/4	CNNL TV	TV		O
5303	CHINASAT 9	92.2	11960	CL	28800	3/4	Gansu TV	TV		O
5304	CHINASAT 9	92.2	11960	CL	28800	3/4	Qinghai TV Comprehensive	TV		O
5305	CHINASAT 9	92.2	11960	CL	28800	3/4	Ningxia TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
5306	CHINASAT 9	92.2	11960	CL	28800	3/4	Xinjiang TV 1	TV		○
5307	CHINASAT 9	92.2	11960	CL	28800	3/4	Xinjiang TV 2	TV		○
5308	CHINASAT 9	92.2	11960	CL	28800	3/4	Xinjiang TV 3	TV		○
5309	CHINASAT 9	92.2	11960	CL	28800	3/4	Chongqing TV	TV		○
5310	CHINASAT 9	92.2	11960	CL	28800	3/4	Sichuan TV 1	TV		○
5311	CHINASAT 9	92.2	11960	CL	28800	3/4	Guizhou TV	TV		○
5312	CHINASAT 9	92.2	11980	CR	28800	3/4	CCTV TV Guide	TV		○
5313	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 1	TV		○
5314	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 2	TV		○
5315	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 10	TV		○
5316	CHINASAT 9	92.2	12020	CR	28800	3/4	Sichuan Kangba Tibetan TV	TV		○
5317	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 12	TV		○
5318	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 7	TV		○
5319	CHINASAT 9	92.2	12020	CR	28800	3/4	Bingtuan TV	TV		○
5320	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 13	TV		○
5321	CHINASAT 9	92.2	12020	CR	28800	3/4	CCTV 14	TV		○
5322	CHINASAT 9	92.2	12020	CR	28800	3/4	CETV 1	TV		○
5323	CHINASAT 9	92.2	12020	CR	28800	3/4	Beijing TV	TV		○
5324	CHINASAT 9	92.2	12020	CR	28800	3/4	Tianjin TV	TV		○
5325	CHINASAT 9	92.2	12020	CR	28800	3/4	Sansha TV	TV		○
5326	CHINASAT 9	92.2	12060	CR	28800	3/4	Hebei TV	TV		○
5327	CHINASAT 9	92.2	12060	CR	28800	3/4	Shanxi TV	TV		○
5328	CHINASAT 9	92.2	12060	CR	28800	3/4	Nei Monggol Chinese TV	TV		○
5329	CHINASAT 9	92.2	12060	CR	28800	3/4	Nei Monggol TV	TV		○
5330	CHINASAT 9	92.2	12060	CR	28800	3/4	Liaoning TV	TV		○
5331	CHINASAT 9	92.2	12060	CR	28800	3/4	Jilin TV Station	TV		○
5332	CHINASAT 9	92.2	12060	CR	28800	3/4	Yanbian TV 1	TV		○
5333	CHINASAT 9	92.2	12060	CR	28800	3/4	Heilongjiang TV	TV		○
5334	CHINASAT 9	92.2	12060	CR	28800	3/4	Dragon TV (China)	TV		○
5335	CHINASAT 9	92.2	12060	CR	28800	3/4	Jiangsu TV	TV		○
5336	CHINASAT 9	92.2	12060	CR	28800	3/4	Zhejiang TV	TV		○
5337	CHINASAT 9	92.2	12060	CR	28800	3/4	Anhui TV	TV		○
5338	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 3	TV		○
5339	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 4 Asia	TV		○
5340	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 5	TV		○
5341	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 6	TV		○
5342	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 8	TV		○
5343	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 9	TV		○
5344	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 11	TV		○
5345	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV 15	TV		○
5346	CHINASAT 9	92.2	12100	CR	28800	3/4	CCTV News	TV		○
5347	CHINASAT 9	92.2	12140	CR	28800	3/4	CNNL TV	TV		○
5348	CHINASAT 9	92.2	12140	CR	28800	3/4	Chongqing TV	TV		○
5349	CHINASAT 9	92.2	12140	CR	28800	3/4	Henan TV	TV		○
5350	CHINASAT 9	92.2	12140	CR	28800	3/4	Anhui TV	TV		○
5351	CHINASAT 9	92.2	12140	CR	28800	3/4	China Yanbian Satellite TV	TV		○
5352	CHINASAT 9	92.2	12140	CR	28800	3/4	Hunan TV	TV		○
5353	CHINASAT 9	92.2	12140	CR	28800	3/4	Sichuan TV 1	TV		○
5354	CHINASAT 9	92.2	12140	CR	28800	3/4	Shaanxi TV	TV		○
5355	CHINASAT 9	92.2	12140	CR	28800	3/4	Yunnan TV 1	TV		○
5356	CHINASAT 9	92.2	12140	CR	28800	3/4	CETV 1	TV		○
5357	CHINASAT 9	92.2	12140	CR	28800	3/4	Shanxi TV	TV		○
5358	CHINASAT 9	92.2	12140	CR	28800	3/4	Guangxi TV	TV		○
5359	CHINASAT 9	92.2	12140	CR	28800	3/4	Hubei TV	TV		○
5360	CHINASAT 9	92.2	12140	CR	28800	3/4	Beijing TV	TV		○
5361	CHINASAT 9	92.2	12140	CR	28800	3/4	Jiangxi TV 1	TV		○
5362	CHINASAT 9	92.2	12140	CR	28800	3/4	Hebei TV	TV		○
5363	CHINASAT 9	92.2	12140	CR	28800	3/4	CNR 1 Voice of China	R		○
5364	CHINASAT 9	92.2	12140	CR	28800	3/4	CNR 7 Voice of Huaxia FM 87.8	R		○
5365	CHINASAT 9	92.2	12140	CR	28800	3/4	CNR 2 Voice of Finance	R		○
5366	CHINASAT 9	92.2	12140	CR	28800	3/4	CNR 3 Voice of Music	R		○
5367	INSAT 3A	93.5	3732	V	6250	3/4	DD Bangla	TV	○	
5368	INSAT 3A	93.5	3740	V	6250	3/4	DD Punjabi	TV	○	
5369	INSAT 3A	93.5	3750	V	6250	3/4	DD Girmar	TV	○	
5370	INSAT 3A	93.5	3758	V	6250	3/4	DD Chandana	TV	○	
5371	INSAT 3A	93.5	3772	V	6250	3/4	DD Oriya	TV	○	
5372	INSAT 3A	93.5	3780	V	6250	3/4	DD Kashir	TV	○	
5373	INSAT 3A	93.5	3791	V	8600	3/4	DD Sahyadri	TV	○	
5374	INSAT 3A	93.5	3812	V	6250	3/4	DD Malayalam	TV	○	
5375	INSAT 3A	93.5	3821	V	6250	3/4	DD Yadagiri	TV	○	
5376	INSAT 3A	93.5	3831	V	8600	3/4	DD Podhigai	TV	○	
5377	INSAT 3A	93.5	3841	V	4250	3/4	DD Saptagiri	TV	○	
5378	INSAT 3A	93.5	3888	V	1400	3/4	Tripura Express	TV		○
5379	INSAT 3A	93.5	3932	V	6250	3/4	DD Himachal Pradesh	TV		○
5380	INSAT 3A	93.5	3940	V	6250	3/4	DD Jaipur	TV	○	
5381	INSAT 3A	93.5	3950	V	6250	3/4	DD Madhya Pradesh	TV	○	
5382	INSAT 3A	93.5	3958	V	6250	3/4	DD Uttar Pradesh	TV	○	
5383	INSAT 3A	93.5	4101	V	6250	3/4	DD Mizoram	TV		○
5384	INSAT 3A	93.5	4109	V	4250	3/4	DD Tripura	TV		○
5385	INSAT 3A	93.5	4120	V	4250	3/4	DD Kohima	TV		○
5386	INSAT 3A	93.5	4132	V	4000	3/4	RTA	TV	○	
5387	INSAT 3A	93.5	4132	V	4000	3/4	Radio Afghanistan	R		○
5388	INSAT 3A	93.5	4136	V	2000	3/4	RTA	TV	○	
5389	INSAT 3A	93.5	4141	V	5150	3/4	Ariana TV National	TV	○	
5390	INSAT 3A	93.5	4141	V	5150	3/4	Ariana TV International	TV		○
5391	INSAT 3A	93.5	4141	V	5150	3/4	Ariana FM	R		○
5392	INSAT 4B	93.5	3725	H	27500	3/4	DD National	TV	○	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (산후미역, 일표화 등)
5393	INSAT 4B	93.5	3725	H	27500	3/4	DD News	TV	○	
5394	INSAT 4B	93.5	3725	H	27500	3/4	DD Bharati	TV	○	
5395	INSAT 4B	93.5	3725	H	27500	3/4	DD Sports	TV	○	
5396	INSAT 4B	93.5	3725	H	27500	3/4	DD Urdu	TV	○	
5397	INSAT 4B	93.5	3725	H	27500	3/4	DD India	TV	○	
5398	INSAT 4B	93.5	3725	H	27500	3/4	Rajya Sabha TV	TV	○	
5399	INSAT 4B	93.5	3774	H	4250	3/4	DD Jammu (18-20 IST)	TV		○
5400	INSAT 4B	93.5	3797	H	4250	3/4	DD Manipur (18-20 IST)	TV	○	
5401	INSAT 4B	93.5	3802	H	4250	3/4	DD Hissar (18-20 IST)	TV		○
5402	INSAT 4B	93.5	3832	H	6250	3/4	DD Bihar	TV		○
5403	INSAT 4B	93.5	3840	H	6250	3/4	DD North-East	TV		○
5404	INSAT 4B	93.5	3925	H	27500	3/4	DD National	TV		○
5405	INSAT 4B	93.5	3925	H	27500	3/4	DD News	TV		○
5406	INSAT 4B	93.5	3925	H	27500	3/4	DD Sports	TV		○
5407	INSAT 4B	93.5	3925	H	27500	3/4	DD Bharati	TV		○
5408	INSAT 4B	93.5	3925	H	27500	3/4	DD Bangla	TV		○
5409	INSAT 4B	93.5	3925	H	27500	3/4	DD Podhigai	TV		○
5410	INSAT 4B	93.5	3925	H	27500	3/4	DD Yadagiri	TV		○
5411	INSAT 4B	93.5	3925	H	27500	3/4	DD Port Blair (18-20 IST)	TV		○
5412	INSAT 4B	93.5	3925	H	27500	3/4	DD Malayalam	TV		○
5413	INSAT 4B	93.5	3925	H	27500	3/4	DD Urdu	TV		○
5414	INSAT 4B	93.5	3925	H	27500	3/4	AIR Vividh Bharati	R		○
5415	INSAT 4B	93.5	3925	H	27500	3/4	FM Rainbow	R		○
5416	INSAT 4B	93.5	3925	H	27500	3/4	AIR Hindi	R		○
5417	INSAT 4B	93.5	3925	H	27500	3/4	AIR Tamil	R		○
5418	INSAT 4B	93.5	3925	H	27500	3/4	AIR Bangla	R		○
5419	INSAT 4B	93.5	3925	H	27500	3/4	AIR Punjabi	R		○
5420	INSAT 4B	93.5	10990	V	28500	3/4	DD National	TV		○
5421	INSAT 4B	93.5	10990	V	28500	3/4	DD News	TV		○
5422	INSAT 4B	93.5	10990	V	28500	3/4	DD Sports	TV		○
5423	INSAT 4B	93.5	10990	V	28500	3/4	DD India	TV		○
5424	INSAT 4B	93.5	10990	V	28500	3/4	DD Bharati	TV		○
5425	INSAT 4B	93.5	10990	V	28500	3/4	DD Bangla	TV		○
5426	INSAT 4B	93.5	10990	V	28500	3/4	DD Chandana	TV		○
5427	INSAT 4B	93.5	10990	V	28500	3/4	DD Girmar	TV		○
5428	INSAT 4B	93.5	10990	V	28500	3/4	DD Kashir	TV		○
5429	INSAT 4B	93.5	10990	V	28500	3/4	Shri News	TV		○
5430	INSAT 4B	93.5	10990	V	28500	3/4	Aastha Bhajan	TV		○
5431	INSAT 4B	93.5	10990	V	28500	3/4	B4U Movies India	TV		○
5432	INSAT 4B	93.5	10990	V	28500	3/4	Enterr 10	TV		○
5433	INSAT 4B	93.5	10990	V	28500	3/4	India News	TV		○
5434	INSAT 4B	93.5	10990	V	28500	3/4	Sarv Dharam Sangam	TV		○
5435	INSAT 4B	93.5	10990	V	28500	3/4	DD Free Dish	TV		○
5436	INSAT 4B	93.5	10990	V	28500	3/4	AIR Vividh Bharati	R		○
5437	INSAT 4B	93.5	10990	V	28500	3/4	AIR Telugu	R		○
5438	INSAT 4B	93.5	10990	V	28500	3/4	AIR Marathi	R		○
5439	INSAT 4B	93.5	10990	V	28500	3/4	AIR Tamil	R		○
5440	INSAT 4B	93.5	11030	V	32000	3/4	Gemini TV	TV		○
5441	INSAT 4B	93.5	11030	V	32000	3/4	Zee Studio	TV		○
5442	INSAT 4B	93.5	11030	V	32000	3/4	Sun TV (India)	TV		○
5443	INSAT 4B	93.5	11030	V	32000	3/4	KTV (India)	TV		○
5444	INSAT 4B	93.5	11030	V	32000	3/4	National Geographic Channel HD India	TV		○
5445	INSAT 4B	93.5	11030	V	32000	3/4	Discovery Channel India	TV		○
5446	INSAT 4B	93.5	11030	V	32000	3/4	Star Movies HD India	TV		○
5447	INSAT 4B	93.5	11030	V	32000	3/4	Sun Music	TV		○
5448	INSAT 4B	93.5	11030	V	32000	3/4	Star Sports HD 1	TV		○
5449	INSAT 4B	93.5	11030	V	32000	3/4	Star Sports HD 2	TV		○
5450	INSAT 4B	93.5	11030	V	32000	3/4	Sony Six	TV		○
5451	INSAT 4B	93.5	11030	V	32000	3/4	Star Plus HD India	TV		○
5452	INSAT 4B	93.5	11070	V	28500	3/4	DD Rajasthan	TV		○
5453	INSAT 4B	93.5	11070	V	28500	3/4	DD Oriya	TV		○
5454	INSAT 4B	93.5	11070	V	28500	3/4	DD Podhigai	TV		○
5455	INSAT 4B	93.5	11070	V	28500	3/4	DD Punjabi	TV		○
5456	INSAT 4B	93.5	11070	V	28500	3/4	DD Sahyadri	TV		○
5457	INSAT 4B	93.5	11070	V	28500	3/4	DD Yadagiri	TV		○
5458	INSAT 4B	93.5	11070	V	28500	3/4	DD Malayalam	TV		○
5459	INSAT 4B	93.5	11070	V	28500	3/4	Lok Sabha TV	TV		○
5460	INSAT 4B	93.5	11070	V	28500	3/4	Rajya Sabha TV	TV		○
5461	INSAT 4B	93.5	11070	V	28500	3/4	TV 24 (India)	TV		○
5462	INSAT 4B	93.5	11070	V	28500	3/4	Dangal TV	TV		○
5463	INSAT 4B	93.5	11070	V	28500	3/4	Sadhna TV	TV		○
5464	INSAT 4B	93.5	11070	V	28500	3/4	DD Bihar	TV		○
5465	INSAT 4B	93.5	11070	V	28500	3/4	DD North-East	TV		○
5466	INSAT 4B	93.5	11070	V	28500	3/4	DD Uttar Pradesh	TV		○
5467	INSAT 4B	93.5	11070	V	28500	3/4	DD Bharati	TV		○
5468	INSAT 4B	93.5	11070	V	28500	3/4	AIR Gujarati	R		○
5469	INSAT 4B	93.5	11070	V	28500	3/4	FM Rainbow	R		○
5470	INSAT 4B	93.5	11070	V	28500	3/4	AIR Punjabi	R		○
5471	INSAT 4B	93.5	11070	V	28500	3/4	FM Gold Channel	R		○
5472	INSAT 4B	93.5	11070	V	28500	3/4	Radio Kashmir	R		○
5473	INSAT 4B	93.5	11070	V	28500	3/4	Gyanvani	R		○
5474	INSAT 4B	93.5	11150	V	28500	3/4	Cinema TV (India)	TV		○
5475	INSAT 4B	93.5	11150	V	28500	3/4	DD Urdu	TV		○
5476	INSAT 4B	93.5	11150	V	28500	3/4	Chardikla Time TV	TV		○
5477	INSAT 4B	93.5	11150	V	28500	3/4	DD Saptagiri	TV		○
5478	INSAT 4B	93.5	11150	V	28500	3/4	India TV (India)	TV		○
5479	INSAT 4B	93.5	11150	V	28500	3/4	Aastha TV	TV		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
5480	INSAT 4B	93.5	11150	V	28500	3/4	Manoranjan TV	TV		O
5481	INSAT 4B	93.5	11150	V	28500	3/4	News Nation	TV		O
5482	INSAT 4B	93.5	11150	V	28500	3/4	SET India	TV		O
5483	INSAT 4B	93.5	11150	V	28500	3/4	Dabangg	TV		O
5484	INSAT 4B	93.5	11150	V	28500	3/4	Rishtey	TV		O
5485	INSAT 4B	93.5	11150	V	28500	3/4	Ashirwad Classic	TV		O
5486	INSAT 4B	93.5	11150	V	28500	3/4	Maha Movie	TV		O
5487	INSAT 4B	93.5	11150	V	28500	3/4	DD Madhya Pradesh	TV		O
5488	INSAT 4B	93.5	11150	V	28500	3/4	Manoranjan Music	TV		O
5489	INSAT 4B	93.5	11150	V	28500	3/4	Australia Plus TV India	TV		O
5490	INSAT 4B	93.5	11150	V	28500	3/4	AIR Kannada	R		O
5491	INSAT 4B	93.5	11150	V	28500	3/4	AIR Bangla	R		O
5492	INSAT 4B	93.5	11150	V	28500	3/4	AIR Hindi	R		O
5493	INSAT 4B	93.5	11150	V	28500	3/4	AIR North East	R		O
5494	INSAT 4B	93.5	11150	V	28500	3/4	FM Rainbow Chennai	R		O
5495	INSAT 4B	93.5	11150	V	28500	3/4	FM Gold Channel Mumbai	R		O
5496	INSAT 4B	93.5	11490	V	30000	3/5	DD National	TV		O
5497	INSAT 4B	93.5	11490	V	30000	3/5	DD News	TV		O
5498	INSAT 4B	93.5	11490	V	30000	3/5	DD Bharati	TV		O
5499	INSAT 4B	93.5	11490	V	30000	3/5	DD Sports	TV		O
5500	INSAT 4B	93.5	11490	V	30000	3/5	DD Malayalam	TV		O
5501	INSAT 4B	93.5	11490	V	30000	3/5	DD Urdu	TV		O
5502	INSAT 4B	93.5	11490	V	30000	3/5	AIR Malayalam	R		O
5503	INSAT 4B	93.5	11490	V	30000	3/5	AIR Assamese	R		O
5504	INSAT 4B	93.5	11490	V	30000	3/5	FM Rainbow Chennai	R		O
5505	INSAT 4B	93.5	11490	V	30000	3/5	FM Gold Channel Mumbai	R		O
5506	INSAT 4B	93.5	11490	V	30000	3/5	Radio Kashmir	R		O
5507	INSAT 4B	93.5	11570	V	28500	3/4	Khushboo TV	TV		O
5508	INSAT 4B	93.5	11570	V	28500	3/4	Focus News	TV		O
5509	INSAT 4B	93.5	11570	V	28500	3/4	9XM	TV		O
5510	INSAT 4B	93.5	11570	V	28500	3/4	France 24 English	TV		O
5511	INSAT 4B	93.5	11570	V	28500	3/4	Big Magic	TV		O
5512	INSAT 4B	93.5	11570	V	28500	3/4	Star Utsav	TV		O
5513	INSAT 4B	93.5	11570	V	28500	3/4	Zee Anmol	TV		O
5514	INSAT 4B	93.5	11570	V	28500	3/4	Mastiii	TV		O
5515	INSAT 4B	93.5	11570	V	28500	3/4	B4U Music India	TV		O
5516	INSAT 4B	93.5	11570	V	28500	3/4	Dillagi	TV		O
5517	INSAT 4B	93.5	11570	V	28500	3/4	DW	TV		O
5518	INSAT 4B	93.5	11570	V	28500	3/4	News 24 (India)	TV		O
5519	INSAT 4B	93.5	11570	V	28500	3/4	NHK World TV	TV		O
5520	INSAT 4B	93.5	11570	V	28500	3/4	Aalami Samay	TV		O
5521	INSAT 4B	93.5	11570	V	28500	3/4	ABP News India	TV		O
5522	INSAT 4B	93.5	11570	V	28500	3/4	RT English	TV		O
5523	INSAT 4B	93.5	11570	V	28500	3/4	AIR Ragam	R		O
5524	INSAT 4B	93.5	11570	V	28500	3/4	FM Rainbow Bangalore	R		O
5525	INSAT 4B	93.5	11570	V	28500	3/4	AIR Urdu	R		O
5526	INSAT 4B	93.5	11570	V	28500	3/4	AIR Oriya	R		O
5527	INSAT 4B	93.5	11570	V	28500	3/4	AIR Malayalam	R		O
5528	INSAT 4B	93.5	11570	V	28500	3/4	AIR Assamese	R		O
5529	NSS 6	95	11037	H	40700	3/4	ETV Telugu	TV		O
5530	NSS 6	95	11037	H	40700	3/4	CNBC Awaaz	TV		O
5531	NSS 6	95	11037	H	40700	3/4	Colors Bangla	TV		O
5532	NSS 6	95	11037	H	40700	3/4	Colors Kannada	TV		O
5533	NSS 6	95	11037	H	40700	3/4	Colors Gujarati	TV		O
5534	NSS 6	95	11037	H	40700	3/4	Colors Odia	TV		O
5535	NSS 6	95	11037	H	40700	3/4	CNN-IBN	TV		O
5536	NSS 6	95	11037	H	40700	3/4	National Geographic Channel India	TV		O
5537	NSS 6	95	11037	H	40700	3/4	Fox Life India	TV		O
5538	NSS 6	95	11037	H	40700	3/4	Disney Channel India	TV		O
5539	NSS 6	95	11037	H	40700	3/4	Disney XD India	TV		O
5540	NSS 6	95	11037	H	40700	3/4	ABP Majha	TV		O
5541	NSS 6	95	11037	H	40700	3/4	Dish TV promo	TV		O
5542	NSS 6	95	11037	H	40700	3/4	Neo Sports	TV		O
5543	NSS 6	95	11037	H	40700	3/4	Zee Khana Khazana	TV		O
5544	NSS 6	95	11037	H	40700	3/4	Shop CJ	TV		O
5545	NSS 6	95	11037	H	40700	3/4	News Live	TV		O
5546	NSS 6	95	11037	H	40700	3/4	History TV 18	TV		O
5547	NSS 6	95	11037	H	40700	3/4	Prag News	TV		O
5548	NSS 6	95	11037	H	40700	3/4	Media One	TV		O
5549	NSS 6	95	11037	H	40700	3/4	R Plus	TV		O
5550	NSS 6	95	11037	H	40700	3/4	Big Magic Bihar & Jharkhand	TV		O
5551	NSS 6	95	11037	H	40700	3/4	Studio N News	TV		O
5552	NSS 6	95	11037	H	40700	3/4	9X Jhakaas	TV		O
5553	NSS 6	95	11037	H	40700	3/4	9X Tashan	TV		O
5554	NSS 6	95	11037	H	40700	3/4	Z ETC Bollywood	TV		O
5555	NSS 6	95	11037	H	40700	3/4	Sadhna TV	TV		O
5556	NSS 6	95	11090	H	30000	5/6	Zee Bangla	TV		O
5557	NSS 6	95	11090	H	30000	5/6	ETV Andhra Pradesh	TV		O
5558	NSS 6	95	11090	H	30000	5/6	Mi Marathi	TV		O
5559	NSS 6	95	11090	H	30000	5/6	Rang	TV		O
5560	NSS 6	95	11090	H	30000	5/6	IBN 7	TV		O
5561	NSS 6	95	11090	H	30000	5/6	Thanthi TV	TV		O
5562	NSS 6	95	11090	H	30000	5/6	Rengoni	TV		O
5563	NSS 6	95	11090	H	30000	5/6	Dish Box Office	TV		O
5564	NSS 6	95	11090	H	30000	5/6	Zee Kalinga	TV		O
5565	NSS 6	95	11090	H	30000	5/6	Zee Purvaia	TV		O
5566	NSS 6	95	11090	H	30000	5/6	CTVN AKD Plus	TV		O



순번	위성명	궤도위도	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
5567	NSS 6	95	11090	H	30000	5/6	High News	TV		O
5568	NSS 6	95	11090	H	30000	5/6	MBC TV	TV		O
5569	NSS 6	95	11090	H	30000	5/6	Kanak TV	TV		O
5570	NSS 6	95	11090	H	30000	5/6	Kamyab TV	TV		O
5571	NSS 6	95	11090	H	30000	5/6	Subhavaartha TV	TV		O
5572	NSS 6	95	11090	H	30000	5/6	Jai Maharashtra	TV		O
5573	NSS 6	95	11090	H	30000	5/6	Travel XP HD	TV		O
5574	NSS 6	95	11090	H	30000	5/6	Dish Box Office 2	TV		O
5575	NSS 6	95	11090	H	30000	5/6	Ishwar TV	TV		O
5576	NSS 6	95	11090	H	30000	5/6	Nat Geo People Asia	TV		O
5577	NSS 6	95	11090	H	30000	5/6	Colors Infinity	TV		O
5578	NSS 6	95	11090	H	30000	5/6	Bindass Play	TV		O
5579	NSS 6	95	11172	H	30000	5/6	Star Sports 1	TV		O
5580	NSS 6	95	11172	H	30000	5/6	Zee Classic	TV		O
5581	NSS 6	95	11172	H	30000	5/6	Pogo	TV		O
5582	NSS 6	95	11172	H	30000	5/6	VH1 India	TV		O
5583	NSS 6	95	11172	H	30000	5/6	MTV India	TV		O
5584	NSS 6	95	11172	H	30000	5/6	Star World India	TV		O
5585	NSS 6	95	11172	H	30000	5/6	Star Gold India	TV		O
5586	NSS 6	95	11172	H	30000	5/6	Star Movies India	TV		O
5587	NSS 6	95	11172	H	30000	5/6	Hungama TV	TV		O
5588	NSS 6	95	11172	H	30000	5/6	Times Now	TV		O
5589	NSS 6	95	11172	H	30000	5/6	Aakaash Aath	TV		O
5590	NSS 6	95	11172	H	30000	5/6	Home Shop 18	TV		O
5591	NSS 6	95	11172	H	30000	5/6	DY 365	TV		O
5592	NSS 6	95	11172	H	30000	5/6	Sangeet Bangla	TV		O
5593	NSS 6	95	11172	H	30000	5/6	Paratidin Time	TV		O
5594	NSS 6	95	11172	H	30000	5/6	Sarthak TV	TV		O
5595	NSS 6	95	11172	H	30000	5/6	PTC News	TV		O
5596	NSS 6	95	11172	H	30000	5/6	Tara Muzik	TV		O
5597	NSS 6	95	11172	H	30000	5/6	Mu Odia	TV		O
5598	NSS 6	95	11172	H	30000	5/6	Zee Smile	TV		O
5599	NSS 6	95	11172	H	30000	5/6	Vrinda Channel	TV		O
5600	NSS 6	95	11172	H	30000	5/6	Discovery Kids India	TV		O
5601	NSS 6	95	11542	V	43200	3/4	Quoc Hoi TV	TV		O
5602	NSS 6	95	11542	V	43200	3/4	HTVC Phim	TV		O
5603	NSS 6	95	11542	V	43200	3/4	KBS World	TV		O
5604	NSS 6	95	11542	V	43200	3/4	VTC 13	TV		O
5605	NSS 6	95	11542	V	43200	3/4	BBC World News South Asia	TV		O
5606	NSS 6	95	11542	V	43200	3/4	Channel NewsAsia	TV		O
5607	NSS 6	95	11542	V	43200	3/4	FBNC	TV		O
5608	NSS 6	95	11542	V	43200	3/4	VTC 4	TV		O
5609	NSS 6	95	11542	V	43200	3/4	VTC 5	TV		O
5610	NSS 6	95	11542	V	43200	3/4	VTC 6	TV		O
5611	NSS 6	95	11542	V	43200	3/4	Fox Sports 2 Asia	TV		O
5612	NSS 6	95	11542	V	43200	3/4	Cinemax Asia	TV		O
5613	NSS 6	95	11542	V	43200	3/4	HBO Asia	TV		O
5614	NSS 6	95	11542	V	43200	3/4	V News	TV		O
5615	NSS 6	95	11542	V	43200	3/4	An Ninh TV	TV		O
5616	NSS 6	95	11542	V	43200	3/4	National Geographic Channel Asia	TV		O
5617	NSS 6	95	11542	V	43200	3/4	Star World Vietnam	TV		O
5618	NSS 6	95	11542	V	43200	3/4	Animal Planet South East Asia	TV		O
5619	NSS 6	95	11542	V	43200	3/4	HTV 9	TV		O
5620	NSS 6	95	11542	V	43200	3/4	Today TV (Vietnam)	TV		O
5621	NSS 6	95	11542	V	43200	3/4	Dong Nai TV 1	TV		O
5622	NSS 6	95	11542	V	43200	3/4	HTVC Gia Dinh	TV		O
5623	NSS 6	95	11542	V	43200	3/4	VTC 9	TV		O
5624	NSS 6	95	11542	V	43200	3/4	VTV 6	TV		O
5625	NSS 6	95	11542	V	43200	3/4	AXN HD Asia	TV		O
5626	NSS 6	95	11542	V	43200	3/4	Fox Sports 3 Asia	TV		O
5627	NSS 6	95	11542	V	43200	3/4	Fox Sports Vietnam	TV		O
5628	NSS 6	95	11542	V	43200	3/4	AXN East Asia	TV		O
5629	NSS 6	95	11542	V	43200	3/4	Channel V International	TV		O
5630	NSS 6	95	11542	V	43200	3/4	VTV 3	TV		O
5631	NSS 6	95	11542	V	43200	3/4	HTV 7	TV		O
5632	NSS 6	95	11542	V	43200	3/4	Hanoi TV 1	TV		O
5633	NSS 6	95	11542	V	43200	3/4	Binh Duong TV 1	TV		O
5634	NSS 6	95	11542	V	43200	3/4	HTVC Thuan Viet	TV		O
5635	NSS 6	95	11542	V	43200	3/4	VTC 16	TV		O
5636	NSS 6	95	11542	V	43200	3/4	VTV 2	TV		O
5637	NSS 6	95	11542	V	43200	3/4	HTV 3	TV		O
5638	NSS 6	95	11542	V	43200	3/4	Vinh Long TV 1	TV		O
5639	NSS 6	95	11542	V	43200	3/4	Cartoon Network Vietnam	TV		O
5640	NSS 6	95	11542	V	43200	3/4	Star Movies HD	TV		O
5641	NSS 6	95	11542	V	43200	3/4	HBO HD Asia	TV		O
5642	NSS 6	95	11542	V	43200	3/4	Nhac Cach Mang	TV		O
5643	NSS 6	95	11542	V	43200	3/4	Nhac Tru Tinh	TV		O
5644	NSS 6	95	11542	V	43200	3/4	Nhac Dan Tog	TV		O
5645	NSS 6	95	11542	V	43200	3/4	Nhac Tre	TV		O
5646	NSS 6	95	11542	V	43200	3/4	Viet Teen	TV		O
5647	NSS 6	95	11542	V	43200	3/4	Quang Ninh TV 1	TV		O
5648	NSS 6	95	11542	V	43200	3/4	VTV 3	TV		O
5649	NSS 6	95	11635	H	27500	3/4	CGN TV	TV		O
5650	NSS 6	95	11635	H	27500	3/4	Dhamma Media Channel	TV		O
5651	NSS 6	95	11635	H	27500	3/4	13 Siam Thai	TV		O
5652	NSS 6	95	11635	H	27500	3/4	Channel 8(Thailand)	TV		O
5653	NSS 6	95	11635	H	27500	3/4	Top Star Channel	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
5654	NSS 6	95	11635	H	27500	3/4	Suwannabhumi Channel	TV		O
5655	NSS 6	95	11635	H	27500	3/4	Bangkok thonburi Channel	TV		O
5656	NSS 6	95	11635	H	27500	3/4	Box Film	TV		O
5657	NSS 6	95	11635	H	27500	3/4	TCC TV	TV		O
5658	NSS 6	95	11635	H	27500	3/4	LamKong Channel	TV		O
5659	NSS 6	95	11635	H	27500	3/4	Dharma TV	TV		O
5660	NSS 6	95	11635	H	27500	3/4	TCI	TV		O
5661	NSS 6	95	11635	H	27500	3/4	World Buddhist TV	TV		O
5662	NSS 6	95	11635	H	27500	3/4	Giffarine Channel	TV		O
5663	NSS 6	95	11635	H	27500	3/4	Bluesky Channel	TV		O
5664	NSS 6	95	11635	H	27500	3/4	News 1	TV		O
5665	NSS 6	95	11676	V	28800	3/4	QPVN	TV		O
5666	NSS 6	95	11676	V	28800	3/4	Mov	TV		O
5667	NSS 6	95	11676	V	28800	3/4	RT English	TV		O
5668	NSS 6	95	11676	V	28800	3/4	HTVC +	TV		O
5669	NSS 6	95	11676	V	28800	3/4	HBO HD Asia	TV		O
5670	NSS 6	95	11676	V	28800	3/4	VTC HD 2	TV		O
5671	NSS 6	95	11676	V	28800	3/4	NCM	TV		O
5672	NSS 6	95	11676	V	28800	3/4	Star Movies Asia	TV		O
5673	NSS 6	95	11676	V	28800	3/4	Phim Hay	TV		O
5674	NSS 6	95	11676	V	28800	3/4	VTV 1	TV		O
5675	NSS 6	95	11676	V	28800	3/4	Viet Teen	TV		O
5676	NSS 6	95	11676	V	28800	3/4	Sam	TV		O
5677	NSS 6	95	11676	V	28800	3/4	Discovery Channel South East Asia	TV		O
5678	NSS 6	95	11676	V	28800	3/4	Disney Channel Asia	TV		O
5679	NSS 6	95	11676	V	28800	3/4	Disney Junior Asia	TV		O
5680	NSS 6	95	11676	V	28800	3/4	Fashion TV SD Asia	TV		O
5681	NSS 6	95	11676	V	28800	3/4	VTC 1	TV		O
5682	NSS 6	95	11676	V	28800	3/4	NetViet	TV		O
5683	NSS 6	95	11676	V	28800	3/4	Astro Cam Xúc	TV		O
5684	NSS 6	95	11676	V	28800	3/4	Khanh Hoa TV	TV		O
5685	NSS 6	95	11676	V	28800	3/4	Da Nang TV 2	TV		O
5686	NSS 6	95	11676	V	28800	3/4	Nat Geo People Asia	TV		O
5687	NSS 6	95	11676	V	28800	3/4	HTV 2	TV		O
5688	NSS 6	95	11676	V	28800	3/4	Hanoi TV 2	TV		O
5689	NSS 6	95	11676	V	28800	3/4	AnVien HD	TV		O
5690	NSS 6	95	11676	V	28800	3/4	National Geographic Channel HD Asia	TV		O
5691	NSS 6	95	11676	V	28800	3/4	Fashion TV HD Asia	TV		O
5692	NSS 6	95	11676	V	28800	3/4	Star World HD Asia	TV		O
5693	NSS 6	95	11676	V	28800	3/4	VTC 14	TV		O
5694	NSS 6	95	11676	V	28800	3/4	Hai Phong TV	TV		O
5695	NSS 6	95	11676	V	28800	3/4	Nghe An TV	TV		O
5696	NSS 6	95	12535	V	43200	3/4	News 7 Tamil	TV		O
5697	NSS 6	95	12535	V	43200	3/4	Maa TV	TV		O
5698	NSS 6	95	12535	V	43200	3/4	Star Sports 4	TV		O
5699	NSS 6	95	12535	V	43200	3/4	Zee 24 Ghanta	TV		O
5700	NSS 6	95	12535	V	43200	3/4	Zee Telugu	TV		O
5701	NSS 6	95	12535	V	43200	3/4	Zee 24 Taas	TV		O
5702	NSS 6	95	12535	V	43200	3/4	Sahara One	TV		O
5703	NSS 6	95	12535	V	43200	3/4	Filmy	TV		O
5704	NSS 6	95	12535	V	43200	3/4	Star Plus India	TV		O
5705	NSS 6	95	12535	V	43200	3/4	Life OK India	TV		O
5706	NSS 6	95	12535	V	43200	3/4	Zoom (India)	TV		O
5707	NSS 6	95	12535	V	43200	3/4	BBC World News South Asia	TV		O
5708	NSS 6	95	12535	V	43200	3/4	Raj TV	TV		O
5709	NSS 6	95	12535	V	43200	3/4	Zee Talkies	TV		O
5710	NSS 6	95	12535	V	43200	3/4	10 TV	TV		O
5711	NSS 6	95	12535	V	43200	3/4	NDTV Good Times	TV		O
5712	NSS 6	95	12535	V	43200	3/4	ETV Rajasthan	TV		O
5713	NSS 6	95	12535	V	43200	3/4	Star Pravah	TV		O
5714	NSS 6	95	12535	V	43200	3/4	ABP Ananda	TV		O
5715	NSS 6	95	12535	V	43200	3/4	Pratidin Time	TV		O
5716	NSS 6	95	12535	V	43200	3/4	Movies Now	TV		O
5717	NSS 6	95	12535	V	43200	3/4	Kalaigarn TV	TV		O
5718	NSS 6	95	12535	V	43200	3/4	Jaya Plus	TV		O
5719	NSS 6	95	12535	V	43200	3/4	Seithigal	TV		O
5720	NSS 6	95	12535	V	43200	3/4	Adithya TV	TV		O
5721	NSS 6	95	12535	V	43200	3/4	Zee 24 Ghante Madhya Pradesh	TV		O
5722	NSS 6	95	12595	H	43200	3/4	Zee News	TV		O
5723	NSS 6	95	12595	H	43200	3/4	Asianet News	TV		O
5724	NSS 6	95	12595	H	43200	3/4	Asianet Plus	TV		O
5725	NSS 6	95	12595	H	43200	3/4	Colors Marathi	TV		O
5726	NSS 6	95	12595	H	43200	3/4	Star Vijay India	TV		O
5727	NSS 6	95	12595	H	43200	3/4	NDTV Profit (Mon-Fri 09-17)	TV		O
5728	NSS 6	95	12595	H	43200	3/4	NDTV Prime (Mon Fri 17-09 & Sat-Sun)	TV		O
5729	NSS 6	95	12595	H	43200	3/4	Dish TV promo	TV		O
5730	NSS 6	95	12595	H	43200	3/4	TV 5 News	TV		O
5731	NSS 6	95	12595	H	43200	3/4	WB India	TV		O
5732	NSS 6	95	12595	H	43200	3/4	Zee Sangam	TV		O
5733	NSS 6	95	12595	H	43200	3/4	Dish TV promo	TV		O
5734	NSS 6	95	12595	H	43200	3/4	ETV Madhya Pradesh Chattisgarh	TV		O
5735	NSS 6	95	12595	H	43200	3/4	Ten Cricket India	TV		O
5736	NSS 6	95	12595	H	43200	3/4	Sakshi TV	TV		O
5737	NSS 6	95	12595	H	43200	3/4	NTV (India)	TV		O
5738	NSS 6	95	12595	H	43200	3/4	Jaya Max	TV		O
5739	NSS 6	95	12595	H	43200	3/4	Tarang TV	TV		O
5740	NSS 6	95	12595	H	43200	3/4	Sangeet Bangla	TV		O

순번	위성명	궤도위도	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
5741	NSS 6	95	12595	H	43200	3/4	Movie on Demand Non Stop	TV		O
5742	NSS 6	95	12595	H	43200	3/4	Puthiya Thalaimurai	TV		O
5743	NSS 6	95	12595	H	43200	3/4	Kairali TV	TV		O
5744	NSS 6	95	12595	H	43200	3/4	Sony Six	TV		O
5745	NSS 6	95	12595	H	43200	3/4	SVBC	TV		O
5746	NSS 6	95	12595	H	43200	3/4	Mathrubhumi News	TV		O
5747	NSS 6	95	12595	H	43200	3/4	Samay MP/Chhattisgarh	TV		O
5748	NSS 6	95	12595	H	43200	3/4	HMTV	TV		O
5749	NSS 6	95	12595	H	43200	3/4	V6 News	TV		O
5750	NSS 6	95	12595	H	43200	3/4	TV 9 Maharashtra	TV		O
5751	NSS 6	95	12595	H	43200	3/4	MaiBoli	TV		O
5752	NSS 6	95	12595	H	43200	3/4	Movie on Demand 1	TV		O
5753	NSS 6	95	12595	H	43200	3/4	Movie on Demand 2	TV		O
5754	NSS 6	95	12595	V	43200	3/4	Bhakti TV	TV		O
5755	NSS 6	95	12595	V	43200	3/4	Rupasi Bangla	TV		O
5756	NSS 6	95	12595	V	43200	3/4	Fashion TV India	TV		O
5757	NSS 6	95	12595	V	43200	3/4	Paras TV Channel	TV		O
5758	NSS 6	95	12595	V	43200	3/4	Mi Marathi	TV		O
5759	NSS 6	95	12595	V	43200	3/4	Nepal 1	TV		O
5760	NSS 6	95	12595	V	43200	3/4	Manorama News International	TV		O
5761	NSS 6	95	12595	V	43200	3/4	Isai Aruvi	TV		O
5762	NSS 6	95	12595	V	43200	3/4	Jaya TV (India)	TV		O
5763	NSS 6	95	12595	V	43200	3/4	TV 9 Karnataka	TV		O
5764	NSS 6	95	12595	V	43200	3/4	TV 9 Telugu	TV		O
5765	NSS 6	95	12595	V	43200	3/4	Zee Tamizh	TV		O
5766	NSS 6	95	12595	V	43200	3/4	Shalom TV India	TV		O
5767	NSS 6	95	12595	V	43200	3/4	Asianet Suvarna	TV		O
5768	NSS 6	95	12595	V	43200	3/4	ETV Bihar Jharkhand	TV		O
5769	NSS 6	95	12595	V	43200	3/4	DY 365	TV		O
5770	NSS 6	95	12595	V	43200	3/4	Ruposhi Bangla	TV		O
5771	NSS 6	95	12595	V	43200	3/4	Indiavision	TV		O
5772	NSS 6	95	12595	V	43200	3/4	Polimer	TV		O
5773	NSS 6	95	12595	V	43200	3/4	Neo Prime	TV		O
5774	NSS 6	95	12595	V	43200	3/4	PTC Chak De	TV		O
5775	NSS 6	95	12595	V	43200	3/4	Focus Hi Fi	TV		O
5776	NSS 6	95	12595	V	43200	3/4	Al Jazeera English	TV		O
5777	NSS 6	95	12595	V	43200	3/4	Mazhavil Manorama	TV		O
5778	NSS 6	95	12595	V	43200	3/4	Mh One Music	TV		O
5779	NSS 6	95	12595	V	43200	3/4	Kolkata TV	TV		O
5780	NSS 6	95	12595	V	43200	3/4	Jalsha Movies	TV		O
5781	NSS 6	95	12595	V	43200	3/4	Romey Now	TV		O
5782	NSS 6	95	12595	V	43200	3/4	Jia News	TV		O
5783	NSS 6	95	12595	V	43200	3/4	Zee Jagran	TV		O
5784	NSS 6	95	12595	V	43200	3/4	Cine 21	TV		O
5785	NSS 6	95	12595	V	43200	3/4	Vanitha TV	TV		O
5786	NSS 6	95	12595	V	43200	3/4	Tollywood TV	TV		O
5787	NSS 6	95	12595	V	43200	3/4	T News	TV		O
5788	NSS 6	95	12595	V	43200	3/4	Panjab Radio	R		O
5789	NSS 6	95	12595	V	43200	3/4	Om Shanti Radio	R		O
5790	NSS 6	95	12647	H	28000	3/4	AFN Sports	TV		O
5791	NSS 6	95	12647	H	28000	3/4	AFN Prime Atlantic	TV		O
5792	NSS 6	95	12647	H	28000	3/4	AFN Spectrum	TV		O
5793	NSS 6	95	12647	H	28000	3/4	AFN Prime Pacific	TV		O
5794	NSS 6	95	12647	H	28000	3/4	AFN News	TV		O
5795	NSS 6	95	12647	H	28000	3/4	AFN Prime Korea	TV		O
5796	NSS 6	95	12647	H	28000	3/4	AFN Guide	TV		O
5797	NSS 6	95	12647	H	28000	3/4	AFN Family	TV		O
5798	NSS 6	95	12647	H	28000	3/4	AFN Movie	TV		O
5799	NSS 6	95	12647	H	28000	3/4	Newswheel	R		O
5800	NSS 6	95	12647	H	28000	3/4	Tranceport	R		O
5801	NSS 6	95	12647	H	28000	3/4	Today's Best Country	R		O
5802	NSS 6	95	12647	H	28000	3/4	AFN's Joe Radio	R		O
5803	NSS 6	95	12647	H	28000	3/4	NPR Worldwide AFRTS	R		O
5804	NSS 6	95	12647	H	28000	3/4	Gravity	R		O
5805	NSS 6	95	12647	H	28000	3/4	AFN Legacy	R		O
5806	NSS 6	95	12647	H	28000	3/4	Hot AC	R		O
5807	NSS 6	95	12647	H	28000	3/4	The Nerve	R		O
5808	NSS 6	95	12647	H	28000	3/4	AFN Clutch	R		O
5809	NSS 6	95	12647	H	28000	3/4	AFN Fans	R		O
5810	NSS 6	95	12647	H	28000	3/4	AFN Voice Channel	R		O
5811	NSS 6	95	12647	H	28000	3/4	The Contingency Channel	R		O
5812	NSS 6	95	12647	H	30000	?	NDTV India	?		O
5813	NSS 6	95	12647	H	30000	?	SET India	TV		O
5814	NSS 6	95	12647	H	30000	?	Discovery Channel India	TV		O
5815	NSS 6	95	12647	H	30000	?	TLC India	TV		O
5816	NSS 6	95	12647	H	30000	?	Animal Planet India	TV		O
5817	NSS 6	95	12647	H	30000	?	Sony SAB TV India	TV		O
5818	NSS 6	95	12647	H	30000	?	AXN India	TV		O
5819	NSS 6	95	12647	H	30000	?	Nickelodeon India	TV		O
5820	NSS 6	95	12647	H	30000	?	MTV India	TV		O
5821	NSS 6	95	12647	H	30000	?	Ten Sports India	TV		O
5822	NSS 6	95	12647	H	30000	?	Sony Pix	TV		O
5823	NSS 6	95	12647	H	30000	?	Maxatra News	TV		O
5824	NSS 6	95	12647	H	30000	?	Zee Salaam	TV		O
5825	NSS 6	95	12647	H	30000	?	Saam TV	TV		O
5826	NSS 6	95	12647	H	30000	?	Discovery Science Channel South East Asia	TV		O
5827	NSS 6	95	12647	H	30000	?	Discovery Turbo India	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
5828	NSS 6	95	12647	H	30000	?	Amrita TV	TV		○
5829	NSS 6	95	12647	H	30000	?	HBO Defined	TV		○
5830	NSS 6	95	12647	H	30000	?	HBO Hits	TV		○
5831	NSS 6	95	12647	H	30000	?	Comedy Central India	TV		○
5832	NSS 6	95	12647	V	32700	5/6	Zee Khana Khazana	TV		○
5833	NSS 6	95	12647	V	32700	5/6	Gemini Movies	TV		○
5834	NSS 6	95	12647	V	32700	5/6	Suvarna News 24x7	TV		○
5835	NSS 6	95	12647	V	32700	5/6	Udaya Comedy	TV		○
5836	NSS 6	95	12647	V	32700	5/6	Maa Music	TV		○
5837	NSS 6	95	12647	V	32700	5/6	Maa Gold	TV		○
5838	NSS 6	95	12647	V	32700	5/6	Maa Movies	TV		○
5839	NSS 6	95	12647	V	32700	5/6	IBN Lokmat	TV		○
5840	NSS 6	95	12647	V	32700	5/6	News Time TV	TV		○
5841	NSS 6	95	12647	V	32700	5/6	Dhoom Music	TV		○
5842	NSS 6	95	12647	V	32700	5/6	Tarang Music	TV		○
5843	NSS 6	95	12647	V	32700	5/6	Prarthana TV	TV		○
5844	NSS 6	95	12647	V	32700	5/6	AZZ News	TV		○
5845	NSS 6	95	12647	V	32700	5/6	Captain TV	TV		○
5846	NSS 6	95	12647	V	32700	5/6	Nat Geo Wild Asia	TV		○
5847	NSS 6	95	12647	V	32700	5/6	News Live	TV		○
5848	NSS 6	95	12647	V	32700	5/6	Bhakthi TV	TV		○
5849	NSS 6	95	12647	V	32700	5/6	CCTV News	TV		○
5850	NSS 6	95	12647	V	32700	5/6	AsiaNet Movies	TV		○
5851	NSS 6	95	12647	V	32700	5/6	We	TV		○
5852	NSS 6	95	12647	V	32700	5/6	Zee Bangla Cinema	TV		○
5853	NSS 6	95	12647	V	32700	5/6	Thanthi TV	TV		○
5854	NSS 6	95	12647	V	32700	5/6	Movies OK	TV		○
5855	NSS 6	95	12647	V	32700	5/6	Rengoni	TV		○
5856	NSS 6	95	12647	V	32700	5/6	Jai Maharashtra	TV		○
5857	NSS 6	95	12647	V	32700	5/6	Mu Odia	TV		○
5858	NSS 6	95	12647	V	32700	5/6	Orange TV India	TV		○
5859	NSS 6	95	12647	V	32700	5/6	Fata Fati	TV		○
5860	NSS 6	95	12688	H	3270	3/4	Aaj Tak	TV		○
5861	NSS 6	95	12688	H	3270	3/4	Asianet	TV		○
5862	NSS 6	95	12688	H	3270	3/4	Sun TV(India)	TV		○
5863	NSS 6	95	12688	H	3270	3/4	KTV(India)	TV		○
5864	NSS 6	95	12688	H	3270	3/4	Sun Music	TV		○
5865	NSS 6	95	12688	H	3270	3/4	Sun News(India)	TV		○
5866	NSS 6	95	12688	H	3270	3/4	Chutti TV	TV		○
5867	NSS 6	95	12688	H	3270	3/4	Udaya TV	TV		○
5868	NSS 6	95	12688	H	3270	3/4	Udaya Movies	TV		○
5869	NSS 6	95	12688	H	3270	3/4	Udaya News	TV		○
5870	NSS 6	95	12688	H	3270	3/4	Udaya Music	TV		○
5871	NSS 6	95	12688	H	3270	3/4	Kiran TV	TV		○
5872	NSS 6	95	12688	H	3270	3/4	Surya TV	TV		○
5873	NSS 6	95	12688	H	3270	3/4	Gemini TV	TV		○
5874	NSS 6	95	12688	H	3270	3/4	Gemini Comedy	TV		○
5875	NSS 6	95	12688	H	3270	3/4	Gemini Music	TV		○
5876	NSS 6	95	12688	H	3270	3/4	Star Jalsha	TV		○
5877	NSS 6	95	12688	H	3270	3/4	Sirippoli	TV		○
5878	NSS 6	95	12688	V	27500	5/6	Zee TV India	TV		○
5879	NSS 6	95	12688	V	27500	5/6	Zee Marathi	TV		○
5880	NSS 6	95	12688	V	27500	5/6	Zee Punjabi	TV		○
5881	NSS 6	95	12688	V	27500	5/6	Zee Bangla	TV		○
5882	NSS 6	95	12688	V	27500	5/6	Zee Studio	TV		○
5883	NSS 6	95	12688	V	27500	5/6	Zee Café	TV		○
5884	NSS 6	95	12688	V	27500	5/6	Zee Kannada	TV		○
5885	NSS 6	95	12688	V	27500	5/6	Hungama TV	TV		○
5886	NSS 6	95	12688	V	27500	5/6	Home Shop 18	TV		○
5887	NSS 6	95	12688	V	27500	5/6	Sarthak TV	TV		○
5888	NSS 6	95	12688	V	27500	5/6	Zee Q	TV		○
5889	NSS 6	95	12688	V	27500	5/6	Zee 24 Ghante Madhya Pradesh	TV		○
5890	NSS 6	95	12688	V	27500	5/6	Zee Zindagi	TV		○
5891	NSS 6	95	12729	H	26400	3/4	CGN TV	TV	○	
5892	NSS 6	95	12729	H	26400	3/4	CGN TV Japan	TV	○	
5893	NSS 6	95	12729	H	26400	3/4	CGN TV Chinese	TV	○	
5894	NSS 6	95	12729	H	26400	3/4	GCN Korea	TV	○	
5895	NSS 6	95	12729	H	26400	3/4	FGTV Sat	TV		○
5896	NSS 6	95	12729	H	26400	3/4	Beauty TV (South Korea)	TV	○	
5897	NSS 6	95	12729	V	32700	5/6	HBO South Asia	TV		○
5898	NSS 6	95	12729	V	32700	5/6	Sony Max India	TV		○
5899	NSS 6	95	12729	V	32700	5/6	Zee Business	TV		○
5900	NSS 6	95	12729	V	32700	5/6	Zee Cinema Asia	TV		○
5901	NSS 6	95	12729	V	32700	5/6	Ten Action +	TV		○
5902	NSS 6	95	12729	V	32700	5/6	Cartoon Network India	TV		○
5903	NSS 6	95	12729	V	32700	5/6	CNBC TV 18	TV		○
5904	NSS 6	95	12729	V	32700	5/6	Star Sports 3	TV		○
5905	NSS 6	95	12729	V	32700	5/6	NDTV 24x7	TV		○
5906	NSS 6	95	12729	V	32700	5/6	CNN International South Asia	TV		○
5907	NSS 6	95	12729	V	32700	5/6	Odisha TV	TV		○
5908	NSS 6	95	12729	V	32700	5/6	PTC Punjabi	TV		○
5909	NSS 6	95	12729	V	32700	5/6	Colors	TV		○
5910	NSS 6	95	12729	V	32700	5/6	ET Now	TV		○
5911	NSS 6	95	12729	V	32700	5/6	TV 9 Gujarat	TV		○
5912	NSS 6	95	12729	V	32700	5/6	Shop CJ	TV		○
5913	NSS 6	95	12729	V	32700	5/6	Zee Rajasthan Plus Marudhara	TV		○
5914	NSS 6	95	12729	V	32700	5/6	&pictures	TV		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
5915	NSS 6	95	12729	V	32700	5/6	Zee Jagran	TV		O
5916	NSS 6	95	12729	V	32700	5/6	Kaatyayani TV	TV		O
5917	NSS 6	95	12729	V	32700	5/6	Planet M Shopping	TV		O
5918	NSS 6	95	12729	V	32700	5/6	Discovery Channel Tamil Nadu	TV		O
5919	EXPRESS AM33	96.5	3675	CR	33483	7/8	5 Kanal (+4h)	TV		O
5920	EXPRESS AM33	96.5	3675	CR	33483	7/8	Rossiya 1 (+4h)	TV		O
5921	EXPRESS AM33	96.5	3675	CR	33483	7/8	Rossiya K (+4h)	TV		O
5922	EXPRESS AM33	96.5	3675	CR	33483	7/8	Perviy kanal (+4h)	TV		O
5923	EXPRESS AM33	96.5	3675	CR	33483	7/8	Radio Chanson	TV		O
5924	EXPRESS AM33	96.5	3675	CR	33483	7/8	Radio Rossii (+4h)	TV		O
5925	EXPRESS AM33	96.5	3675	CR	33483	7/8	Vesti FM	TV		O
5926	EXPRESS AM33	96.5	3675	CR	33483	7/8	Radio Mayak	TV		O
5927	EXPRESS AM33	96.5	3758	CR	4340	3/4	GTRK Novosibirsk	TV		O
5928	EXPRESS AM33	96.5	3758	CR	4340	3/4	Radio Rossii	R		O
5929	EXPRESS AM33	96.5	3808	CR	3215	3/4	TV Sever	TV		O
5930	EXPRESS AM33	96.5	3817	CR	4270	3/4	GTRK Altai	TV		O
5931	EXPRESS AM33	96.5	3817	CR	4270	3/4	Radio Rossii	TV		O
5932	EXPRESS AM33	96.5	3838	CR	3230	3/4	GTRK Perm	TV		O
5933	EXPRESS AM33	96.5	3838	CR	3230	3/4	Radio Rossii	R		O
5934	EXPRESS AM33	96.5	3838	CR	3230	3/4	Radio Mayak Perm	R		O
5935	EXPRESS AM33	96.5	3843	CR	3220	3/4	GTRK Kurgan	TV		O
5936	EXPRESS AM33	96.5	3843	CR	3220	3/4	Radio Rossii	TV		O
5937	EXPRESS AM33	96.5	3843	CR	3220	3/4	Radio Za Oblakami	TV		O
5938	EXPRESS AM33	96.5	3875	CR	33390	8/9	Perviy kanal (+6h)	TV		O
5939	EXPRESS AM33	96.5	3875	CR	33390	8/9	Rossiya 1 (+6h)	TV		O
5940	EXPRESS AM33	96.5	3875	CR	33390	8/9	5 Kanal (+7h)	TV		O
5941	EXPRESS AM33	96.5	3875	CR	33390	8/9	Perviy kanal (+8h)	TV		O
5942	EXPRESS AM33	96.5	3875	CR	33390	8/9	Rossiya 1 (+8h)	TV		O
5943	EXPRESS AM33	96.5	3875	CR	33390	8/9	Rossiya K (+7h)	TV		O
5944	EXPRESS AM33	96.5	3875	CR	33390	8/9	Radio Rossii (+6h)	R		O
5945	EXPRESS AM33	96.5	3875	CR	33390	8/9	Radio Mayak	R		O
5946	EXPRESS AM33	96.5	3875	CR	33390	8/9	Radio Rossii (+8h)	R		O
5947	EXPRESS AM33	96.5	3925	CR	4883	1/2	Perviy kanal Asia	TV		O
5948	EXPRESS AM33	96.5	4108	CR	4275	3/4	GTRK Buryatiya	TV		O
5949	EXPRESS AM33	96.5	4108	CR	4275	3/4	Radio Burjati	TV		O
5950	EXPRESS AM33	96.5	4114	CR	4285	3/4	TRK Irkutsk	TV		O
5951	EXPRESS AM33	96.5	4114	CR	4285	3/4	Radio Rossii	TV		O
5952	EXPRESS AM33	96.5	4175	CR	3294	3/4	GTRK Krasnoyarsk	TV		O
5953	EXPRESS AM33	96.5	10980	H	3200	3/4	GTRK Tomsk	TV		O
5954	EXPRESS AM33	96.5	10980	H	3200	3/4	Radio Sibir	TV		O
5955	EXPRESS AM33	96.5	10980	H	3200	3/4	Radio Rossii	TV		O
5956	EXPRESS AM33	96.5	11000	H	5700	3/4	GTRK Kuzbass	TV		O
5957	EXPRESS AM33	96.5	11000	H	5700	3/4	Kuzbass FM	R		O
5958	EXPRESS AM33	96.5	11006	H	4444	3/4	OTS	TV		O
5959	EXPRESS AM33	96.5	11006	H	4444	3/4	Radio Novoe Slovo	R		O
5960	EXPRESS AM33	96.5	11028	V	1666	7/8	Studiya Fakt	TV		O
5961	EXPRESS AM33	96.5	11053	V	1570	2/3	TV Luch (Tarko-Sale)	TV		O
5962	EXPRESS AM33	96.5	11053	V	1570	2/3	Serebryany Dozhd	TV		O
5963	EXPRESS AM33	96.5	11055	V	1666	2/3	Studiya Fakt	TV		O
5964	EXPRESS AM33	96.5	11117	H	4444	3/4	Enisey	TV		O
5965	EXPRESS AM33	96.5	11117	H	4444	3/4	Radio Rossii	R		O
5966	AISASAT 5	100.5	3660	V	27500	3/4	Dubai TV	TV	O	
5967	AISASAT 5	100.5	3660	V	27500	3/4	Dubai Sports 3	TV	O	
5968	AISASAT 5	100.5	3660	V	27500	3/4	GCN Korea	TV	O	
5969	AISASAT 5	100.5	3660	V	27500	3/4	Al Kass Two	TV	O	
5970	AISASAT 5	100.5	3678	H	3600	3/5	Bloomberg TV India	TV		O
5971	AISASAT 5	100.5	3700	V	30000	3/4	Rai Italia Asia	TV		O
5972	AISASAT 5	100.5	3700	V	30000	3/4	Luxe TV	TV		O
5973	AISASAT 5	100.5	3700	V	30000	3/4	The Word Network	TV		O
5974	AISASAT 5	100.5	3700	V	30000	3/4	Kazakh TV	TV		O
5975	AISASAT 5	100.5	3700	V	30000	3/4	ZooMoo Asia	TV		O
5976	AISASAT 5	100.5	3700	V	30000	3/4	Yemen TV	TV		O
5977	AISASAT 5	100.5	3760	H	27500	3/4	Quran TV (Saudi Arabia)	TV	O	
5978	AISASAT 5	100.5	3760	H	27500	3/4	Sunna TV (Saudi Arabia)	TV	O	
5979	AISASAT 5	100.5	3760	H	27500	3/4	Wesal Urdu	TV	O	
5980	AISASAT 5	100.5	3760	H	27500	3/4	Emarat TV	TV	O	
5981	AISASAT 5	100.5	3760	H	27500	3/4	Al Arabiya	TV	O	
5982	AISASAT 5	100.5	3760	H	27500	3/4	Oyoun Al-Watan TV	TV	O	
5983	AISASAT 5	100.5	3760	H	27500	3/4	Hadi TV 2	TV	O	
5984	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah English	TV	O	
5985	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hedayah Indonesian	TV	O	
5986	AISASAT 5	100.5	3760	H	27500	3/4	Al-Quran Hedayah	TV	O	
5987	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Tagalog	TV	O	
5988	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Ilokano	TV	O	
5989	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Bengal	TV	O	
5990	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Thai	TV	O	
5991	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Chinese	TV	O	
5992	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Korean	TV	O	
5993	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Urdu	TV	O	
5994	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Sindhi	TV	O	
5995	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Hindi	TV	O	
5996	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Malayalam	TV	O	
5997	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Telugu	TV	O	
5998	AISASAT 5	100.5	3760	H	27500	3/4	Qur'an Hidayah Sinhala	TV	O	
5999	AISASAT 5	100.5	3765	V	4640	3/4	Mega TV (India)	TV		O
6000	AISASAT 5	100.5	3765	V	4640	3/4	Mega 24	TV		O
6001	AISASAT 5	100.5	3765	V	4640	3/4	Mega Musiq	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
6002	AISASAT 5	100.5	3770	V	2644	3/4	BYU TV Global	TV		O
6003	AISASAT 5	100.5	3786	H	6000	7/8	RTB 4 International	TV	O	
6004	AISASAT 5	100.5	3794	H	4640	3/5	Fashion TV HD Asia	TV		O
6005	AISASAT 5	100.5	3799	H	3255	3/4	TDM Macau Satellite	TV	O	
6006	AISASAT 5	100.5	3816	H	3624	2/3	Kanak TV	TV		O
6007	AISASAT 5	100.5	3816	H	3624	2/3	Arra TV	TV		O
6008	AISASAT 5	100.5	3816	H	3624	2/3	News World	TV		O
6009	AISASAT 5	100.5	3820	V	27500	3/4	Yemen TV	TV	O	
6010	AISASAT 5	100.5	3820	V	27500	3/4	Abu Dhabi TV +1	TV	O	
6011	AISASAT 5	100.5	3820	V	27500	3/4	Oman TV	TV	O	
6012	AISASAT 5	100.5	3820	V	27500	3/4	KTV 1	TV	O	
6013	AISASAT 5	100.5	3820	V	27500	3/4	Saudi TV	TV	O	
6014	AISASAT 5	100.5	3820	V	27500	3/4	Qatar TV	TV	O	
6015	AISASAT 5	100.5	3820	V	27500	3/4	Sudan TV	TV	O	
6016	AISASAT 5	100.5	3820	V	27500	3/4	Sharjah TV	TV	O	
6017	AISASAT 5	100.5	3820	V	27500	3/4	Saudi 2	TV	O	
6018	AISASAT 5	100.5	3820	V	27500	3/4	Al Jazeera Channel	TV	O	
6019	AISASAT 5	100.5	3820	V	27500	3/4	QuranKareem FM	R	O	
6020	AISASAT 5	100.5	3820	V	27500	3/4	Radio Sout Al-Shbab (Voice of the Youth)	R	O	
6021	AISASAT 5	100.5	3820	V	27500	3/4	Emarat FM	R	O	
6022	AISASAT 5	100.5	3820	V	27500	3/4	Radio Sout Al-Sha'ab (Voice of the People)	R	O	
6023	AISASAT 5	100.5	3820	V	27500	3/4	El-Bernameg Al-Aam (Main General Program)	R	O	
6024	AISASAT 5	100.5	3820	V	27500	3/4	Radio Oman	R	O	
6025	AISASAT 5	100.5	3820	V	27500	3/4	Riyadh Radio	R	O	
6026	AISASAT 5	100.5	3820	V	27500	3/4	Quran Radio(Saudi Arabia)	R	O	
6027	AISASAT 5	100.5	3820	V	27500	3/4	Sharjah Radio	R	O	
6028	AISASAT 5	100.5	3820	V	27500	3/4	Holy Quran Radio (Sudan)	R	O	
6029	AISASAT 5	100.5	3820	V	27500	3/4	Qatar Radio General	R	O	
6030	AISASAT 5	100.5	3820	V	27500	3/4	Sudan Radio	R	O	
6031	AISASAT 5	100.5	3820	V	27500	3/4	Radio Sana'a	R	O	
6032	AISASAT 5	100.5	3820	V	27500	3/4	Aden Radio	R	O	
6033	AISASAT 5	100.5	3820	V	27500	3/4	Holy Quran Radio (Oman)	R	O	
6034	AISASAT 5	100.5	3820	V	27500	3/4	Radio Kuwait Main Program	R	O	
6035	AISASAT 5	100.5	3820	V	27500	3/4	Radio Kuwait Quran	R	O	
6036	AISASAT 5	100.5	3820	V	27500	3/4	Jeddah Radio	R	O	
6037	AISASAT 5	100.5	3820	V	27500	3/4	Saudia Radio	R	O	
6038	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports Indonesia	TV		O
6039	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports 2 Singapore	TV		O
6040	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports Indonesia	TV		O
6041	AISASAT 5	100.5	3840	H	26666	3/4	Star Sports 1 China	TV		O
6042	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports 2 Singapore	TV		O
6043	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports News Asia	TV		O
6044	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports Philippines	TV		O
6045	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports 2 Singapore	TV		O
6046	AISASAT 5	100.5	3840	H	26666	3/4	Fox Sports Singapore	TV		O
6047	AISASAT 5	100.5	3840	H	26666	3/4	Star Sports 2 China	TV		O
6048	AISASAT 5	100.5	3960	H	30000	5/6	Colombo TV	TV		O
6049	AISASAT 5	100.5	3960	H	30000	5/6	Apostolic Oneness Network	TV		O
6050	AISASAT 5	100.5	3960	H	30000	5/6	Fuel TV	TV		O
6051	AISASAT 5	100.5	3960	H	30000	5/6	Reuters Live	TV		O
6052	AISASAT 5	100.5	3960	H	30000	5/6	EuroNews	TV		O
6053	AISASAT 5	100.5	3960	H	30000	5/6	Trace Urban Southeast Asia	TV		O
6054	AISASAT 5	100.5	3960	H	30000	5/6	NLM TV	TV		O
6055	AISASAT 5	100.5	3960	H	30000	5/6	RTR Planeta	TV		O
6056	AISASAT 5	100.5	3960	H	30000	5/6	I24 News English	TV		O
6057	AISASAT 5	100.5	3960	H	30000	5/6	I24 News Arabic	TV		O
6058	AISASAT 5	100.5	3960	H	30000	5/6	Angel TV Far East	TV		O
6059	AISASAT 5	100.5	3960	H	30000	5/6	STN	TV		O
6060	AISASAT 5	100.5	3980	V	29720	5/6	Nat Geo People Asia	TV		O
6061	AISASAT 5	100.5	3980	V	29720	5/6	FX HD Asia	TV		O
6062	AISASAT 5	100.5	3980	V	29720	5/6	Fox HD Asia	TV		O
6063	AISASAT 5	100.5	3980	V	29720	5/6	Fox Crime HD Asia	TV		O
6064	AISASAT 5	100.5	3980	V	29720	5/6	Fox Movies Premium HD	TV		O
6065	AISASAT 5	100.5	3980	V	29720	5/6	Star World HD Asia	TV		O
6066	AISASAT 5	100.5	3980	V	29720	5/6	Star Movies HD	TV		O
6067	AISASAT 5	100.5	4000	H	28125	3/4	TVE Internacional Asia	TV	O	
6068	AISASAT 5	100.5	4000	H	28125	3/4	Daystar TV	TV	O	
6069	AISASAT 5	100.5	4000	H	28125	3/4	France 24 English	TV	O	
6070	AISASAT 5	100.5	4000	H	28125	3/4	France 24 Français	TV	O	
6071	AISASAT 5	100.5	4000	H	28125	3/4	NTV Mir	TV	O	
6072	AISASAT 5	100.5	4000	H	28125	3/4	RTP Internacional Ásia	TV	O	
6073	AISASAT 5	100.5	4000	H	28125	3/4	Cubavisión Internacional	TV	O	
6074	AISASAT 5	100.5	4000	H	28125	3/4	Perviy kanal Asia	TV	O	
6075	AISASAT 5	100.5	4000	H	28125	3/4	RDP Internacional Timor	R	O	
6076	AISASAT 5	100.5	4000	H	28125	3/4	RDP Antena 1	R	O	
6077	AISASAT 5	100.5	4040	H	29720	5/6	Playboy TV Asia	TV		O
6078	AISASAT 5	100.5	4040	H	29720	5/6	Edge Sport	TV		O
6079	AISASAT 5	100.5	4040	H	29720	5/6	C Music TV	TV		O
6080	AISASAT 5	100.5	4040	H	29720	5/6	LifeStyle TV (Hong Kong)	TV		O
6081	AISASAT 5	100.5	4040	H	29720	5/6	TV 5 Monde Style HD	TV		O
6082	AISASAT 5	100.5	4040	H	29720	5/6	Star Chinese Movies Singapore	TV		O
6083	AISASAT 5	100.5	4040	H	29720	5/6	Star Chinese Movies Legend	TV		O
6084	AISASAT 5	100.5	4040	H	29720	5/6	Star Chinese Movies Channel	TV		O
6085	AISASAT 5	100.5	4040	H	29720	5/6	Star Chinese Movies Singapore	TV		O
6086	AISASAT 5	100.5	4040	H	29720	5/6	Fox Action Movies	TV		O
6087	AISASAT 5	100.5	4114	H	18400	2/3	APTN Global Video Wire	TV		O
6088	AISASAT 5	100.5	4114	H	18400	2/3	APTN Direct	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
6089	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service English East Africa	TV		O
6090	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service English East Asia	TV		O
6091	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service English South Asia	TV		O
6092	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service English Europe	TV		O
6093	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service English News	TV		O
6094	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Arabic	TV		O
6095	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Bengali	TV		O
6096	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Burmese	TV		O
6097	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Cantonese	TV		O
6098	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Dari	TV		O
6099	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Persian	TV		O
6100	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service French Africa	TV		O
6101	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Great Lakes	TV		O
6102	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Hindi	TV		O
6103	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Indonesian	TV		O
6104	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Kirghiz	TV		O
6105	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Nepali	TV		O
6106	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Pashto	TV		O
6107	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Afghanistan	TV		O
6108	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Russian	TV		O
6109	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Sinhala	TV		O
6110	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Somali	TV		O
6111	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Tajik	TV		O
6112	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Tamil	TV		O
6113	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Urdu	TV		O
6114	AISASAT 5	100.5	4132	H	10587	2/3	BBC World Service Uzbek	TV		O
6115	AISASAT 5	100.5	4148	V	11852	3/4	Macau Satellite TV	TV	O	
6116	AISASAT 5	100.5	4148	V	11852	3/4	Kungfu Satellite TV	TV	O	
6117	AISASAT 5	100.5	4148	V	11852	3/4	Macau Asia Satellite TV	TV	O	
6118	AISASAT 5	100.5	12323	V	12000	3/4	Xinhua News TV	TV		O
6119	AISASAT 5	100.5	12522	V	40700	3/4	AMC Asia	TV		O
6120	AISASAT 5	100.5	12522	V	40700	3/4	TV 5 Monde Asia	TV		O
6121	AISASAT 5	100.5	12522	V	40700	3/4	Raj Digital Plus	TV		O
6122	AISASAT 5	100.5	12522	V	40700	3/4	NDTV Profit (Mon-Fri 09-17)	TV		O
6123	AISASAT 5	100.5	12522	V	40700	3/4	NDTV Prime (Mon Fri 17-09 & Sat-Sun)	TV		O
6124	AISASAT 5	100.5	12522	V	40700	3/4	Zee Trendz	TV		O
6125	AISASAT 5	100.5	12522	V	40700	3/4	Bloomberg TV India	TV		O
6126	AISASAT 5	100.5	12522	V	40700	3/4	IBN 7	TV		O
6127	AISASAT 5	100.5	12522	V	40700	3/4	UTV World Movies	TV		O
6128	AISASAT 5	100.5	12522	V	40700	3/4	Topper TV	TV		O
6129	AISASAT 5	100.5	12582	V	40700	2/3	Star Plus HD India	TV		O
6130	AISASAT 5	100.5	12582	V	40700	2/3	Sony Six	TV		O
6131	AISASAT 5	100.5	12582	V	40700	2/3	Zing Asia	TV		O
6132	AISASAT 5	100.5	12582	V	40700	2/3	Zoom (India)	TV		O
6133	AISASAT 5	100.5	12582	V	40700	2/3	WB India	TV		O
6134	AISASAT 5	100.5	12582	V	40700	2/3	Sony Pix	TV		O
6135	AISASAT 5	100.5	12582	V	40700	2/3	SET India	TV		O
6136	AISASAT 5	100.5	12582	V	40700	2/3	Animal Planet India	TV		O
6137	AISASAT 5	100.5	12582	V	40700	2/3	CNN-IBN	TV		O
6138	AISASAT 5	100.5	12582	V	40700	2/3	Baby TV Asia	TV		O
6139	AISASAT 5	100.5	12582	V	40700	2/3	Nat Geo Wild HD Asia	TV		O
6140	AISASAT 5	100.5	12582	V	40700	2/3	Zee Classic	TV		O
6141	AISASAT 5	100.5	12582	V	40700	2/3	FX India	TV		O
6142	AISASAT 5	100.5	12582	V	40700	2/3	Zee Talkies	TV		O
6143	AISASAT 5	100.5	12582	V	40700	2/3	Zee News	TV		O
6144	AISASAT 5	100.5	12582	V	40700	2/3	Bindass Play	TV		O
6145	AISASAT 5	100.5	12582	V	40700	2/3	Star World Premiere HD	TV		O
6146	AISASAT 5	100.5	12582	V	40700	2/3	Dish Box Office	TV		O
6147	AISASAT 5	100.5	12642	V	40700	2/3	Romedy Now +	TV		O
6148	AISASAT 5	100.5	12642	V	40700	2/3	Nat Geo People Asia	TV		O
6149	AISASAT 5	100.5	12642	V	40700	2/3	Nat Geo Music	TV		O
6150	AISASAT 5	100.5	12642	V	40700	2/3	M Tunes HD	TV		O
6151	AISASAT 5	100.5	12642	V	40700	2/3	CNBC TV 18 Prime HD	TV		O
6152	AISASAT 5	100.5	12642	V	40700	2/3	Zee TV India	TV		O
6153	AISASAT 5	100.5	12642	V	40700	2/3	Zee Cinema Asia	TV		O
6154	AISASAT 5	100.5	12642	V	40700	2/3	Zee Café	TV		O
6155	AISASAT 5	100.5	12642	V	40700	2/3	Zee Studio	TV		O
6156	AISASAT 5	100.5	12642	V	40700	2/3	Discovery HD World India	TV		O
6157	AISASAT 5	100.5	12642	V	40700	2/3	National Geographic Channel HD India	TV		O
6158	AISASAT 5	100.5	12642	V	40700	2/3	HBO South Asia	TV		O
6159	AISASAT 5	100.5	12642	V	40700	2/3	Movies Now	TV		O
6160	AISASAT 5	100.5	12642	V	40700	2/3	Sony SAB TV India	TV		O
6161	AISASAT 5	100.5	12642	V	40700	2/3	History TV 18	TV		O
6162	AISASAT 5	100.5	12702	V	40700	2/3	Fox Life India	TV		O
6163	AISASAT 5	100.5	12702	V	40700	2/3	HBO Defined	TV		O
6164	AISASAT 5	100.5	12702	V	40700	2/3	Fox Crime HD Asia	TV		O
6165	AISASAT 5	100.5	12702	V	40700	2/3	Pepsi MTV Indies	TV		O
6166	AISASAT 5	100.5	12702	V	40700	2/3	Zee Action	TV		O
6167	AISASAT 5	100.5	12702	V	40700	2/3	Colors	TV		O
6168	AISASAT 5	100.5	12702	V	40700	2/3	TLC India	TV		O
6169	AISASAT 5	100.5	12702	V	40700	2/3	Star Movies HD	TV		O
6170	AISASAT 5	100.5	12702	V	40700	2/3	& pictures HD	TV		O
6171	AISASAT 5	100.5	12702	V	40700	2/3	AXN India	TV		O
6172	AISASAT 5	100.5	12702	V	40700	2/3	Life OK India	TV		O
6173	AISASAT 5	100.5	12702	V	40700	2/3	Star Gold India	TV		O
6174	AISASAT 5	100.5	12702	V	40700	2/3	Star World HD Asia	TV		O
6175	AISASAT 5	100.5	12702	V	40700	2/3	Ten HD	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
6176	AISASAT 5	100.5	12702	V	40700	2/3	Travel XP HD	TV		O
6177	AISASAT 5	100.5	12702	V	40700	2/3	Discovery Science Channel South East Asia	TV		O
6178	EXPRESS AM3	103	3610	CR	2500	5/6	Militseyskaya Volna	R		O
6179	EXPRESS AM3	103	3610	CR	2500	5/6	Business FM	R		O
6180	EXPRESS AM3	103	3610	CR	2500	5/6	Radio Romantika	R		O
6181	EXPRESS AM3	103	3610	CR	2500	5/6	Avtoradio (+4h)	R		O
6182	EXPRESS AM3	103	3610	CR	2500	5/6	NRJ Russia (+4h)	R		O
6183	EXPRESS AM3	103	3610	CR	2500	5/6	Avtoradio (+2h)	R		O
6184	EXPRESS AM3	103	3610	CR	2500	5/6	Humor FM (+4h)	R		O
6185	EXPRESS AM3	103	3610	CR	2500	5/6	Humor FM (+7h)	R		O
6186	EXPRESS AM3	103	3610	CR	2500	5/6	NRJ Russia (+2h)	R		O
6187	EXPRESS AM3	103	3610	CR	2500	5/6	Humor FM (+2h)	R		O
6188	EXPRESS AM3	103	3610	CR	2500	5/6	Avtoradio (+7h)	R		O
6189	EXPRESS AM3	103	3675	CR	31900	5/6	Perviy kanal (+6h)	TV		O
6190	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya 1 (+6h)	TV		O
6191	EXPRESS AM3	103	3675	CR	31900	5/6	5 Kanal (+7h)	TV		O
6192	EXPRESS AM3	103	3675	CR	31900	5/6	Perviy kanal (+8h)	TV		O
6193	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya 1 (+8h)	TV		O
6194	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya K (+7h)	TV		O
6195	EXPRESS AM3	103	3675	CR	31900	5/6	Radio Rossii (+6h)	R		O
6196	EXPRESS AM3	103	3675	CR	31900	5/6	Radio Mayak	R		O
6197	EXPRESS AM3	103	3675	CR	31900	5/6	Radio Rossii (+8h)	R		O
6198	EXPRESS AM3	103	3675	CR	31900	5/6	Perviy kanal (+6h)	TV		O
6199	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya 1 (+6h)	TV		O
6200	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya 2	TV		O
6201	EXPRESS AM3	103	3675	CR	31900	5/6	NTV (+7h)	TV		O
6202	EXPRESS AM3	103	3675	CR	31900	5/6	5 Kanal (+7h)	TV		O
6203	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya K (+7h)	TV		O
6204	EXPRESS AM3	103	3675	CR	31900	5/6	Rossiya 24	TV		O
6205	EXPRESS AM3	103	3675	CR	31900	5/6	Karusel (+7h)	TV		O
6206	EXPRESS AM3	103	3675	CR	31900	5/6	TV Centr Dal'nii Vostok	TV		O
6207	EXPRESS AM3	103	3675	CR	31900	5/6	OTR	TV		O
6208	EXPRESS AM3	103	3675	CR	31900	5/6	Radio Rossii (+6h)	R		O
6209	EXPRESS AM3	103	3675	CR	31900	5/6	Vesti FM	R		O
6210	EXPRESS AM3	103	3675	CR	31900	5/6	Radio Mayak	R		O
6211	EXPRESS AM3	103	11606	V	34425	3/4	Top Shop TV Russia	R		O
6212	EXPRESS AM3	103	11606	V	34425	3/4	Bober	TV		O
6213	EXPRESS AM3	103	11606	V	34425	3/4	Dom Kino Premium	TV		O
6214	EXPRESS AM3	103	11606	V	34425	3/4	Karusel (+7h)	TV		O
6215	EXPRESS AM3	103	11606	V	34425	3/4	Muzika	TV		O
6216	EXPRESS AM3	103	11606	V	34425	3/4	Dom Kino	TV		O
6217	EXPRESS AM3	103	11606	V	34425	3/4	Vremya	TV		O
6218	EXPRESS AM3	103	11606	V	34425	3/4	Telecafé (Russia)	TV		O
6219	EXPRESS AM3	103	11606	V	34425	3/4	Perviy kanal SNG	TV		O
6220	EXPRESS AM3	103	11606	V	34425	3/4	Karusel (+7h)	TV		O
6221	EXPRESS AM3	103	11606	V	34425	3/4	Karusel (+3h)	TV		O
6222	EXPRESS AM3	103	11669	V	34425	3/5	Moya Planeta	TV		O
6223	EXPRESS AM3	103	11669	V	34425	3/5	Nauka 2.0	TV		O
6224	EXPRESS AM3	103	11669	V	34425	3/5	Russkiy Roman	TV		O
6225	EXPRESS AM3	103	11669	V	34425	3/5	Russkiy Bestseller	TV		O
6226	EXPRESS AM3	103	11669	V	34425	3/5	Sarafan	TV		O
6227	EXPRESS AM3	103	11669	V	34425	3/5	Strana	TV		O
6228	EXPRESS AM3	103	11669	V	34425	3/5	Kino TV (Russia)	TV		O
6229	EXPRESS AM3	103	11669	V	34425	3/5	Zhivaya Planeta	TV		O
6230	EXPRESS AM3	103	11669	V	34425	3/5	Istoriya Telekanal	TV		O
6231	EXPRESS AM3	103	11669	V	34425	3/5	Sport (Russia)	TV		O
6232	EXPRESS AM3	103	11669	V	34425	3/5	Nastoyashee Strashnoe TV	TV		O
6233	EXPRESS AM3	103	11669	V	34425	3/5	Sport 1 (Russia)	TV		O
6234	EXPRESS AM3	103	11669	V	34425	3/5	Russkiy Detektiv	TV		O
6235	EXPRESS AM3	103	11669	V	34425	3/5	Boytsovskiy Klub	TV		O
6236	EXPRESS AM3	103	11669	V	34425	3/5	Mult	TV		O
6237	EXPRESS AM3	103	11669	V	34425	3/5	Mama	TV		O
6238	EXPRESS AM3	103	11669	V	34425	3/5	Techno 24	TV		O
6239	EXPRESS AM3	103	11669	V	34425	3/5	Park Razvlicenii	TV		O
6240	EXPRESS AM3	103	11669	V	34425	3/5	24 Dok	TV		O
6241	ASIASAT 7	105.5	3706	H	6000	3/4	Channel NewsAsia (625 lines)	TV	O	
6242	ASIASAT 7	105.5	3706	H	6000	3/4	Channel NewsAsia (525 lines)	TV	O	
6243	ASIASAT 7	105.5	3712	V	9000	3/5	Peace TV English	TV		O
6244	ASIASAT 7	105.5	3712	V	9000	3/5	Peace TV Urdu	TV		O
6245	ASIASAT 7	105.5	3715	H	8167	3/4	Xing Kong China	TV	O	
6246	ASIASAT 7	105.5	3715	H	8167	3/4	Channel V China	TV	O	
6247	ASIASAT 7	105.5	3715	H	8167	3/4	Xing Kong International	TV		O
6248	ASIASAT 7	105.5	3729	H	13650	3/4	TVB 8	TV	O	
6249	ASIASAT 7	105.5	3729	H	13650	3/4	TVB Xing He	TV		O
6250	ASIASAT 7	105.5	3729	H	13650	3/4	China Entertainment TV	TV	O	
6251	ASIASAT 7	105.5	3732	V	6500	3/4	Zee Café	TV		O
6252	ASIASAT 7	105.5	3732	V	6500	3/4	Zee Studio	TV		O
6253	ASIASAT 7	105.5	3739	V	2815	3/4	Madani Channel	TV	O	
6254	ASIASAT 7	105.5	3742	V	1500	3/4	DM Global	TV		O
6255	ASIASAT 7	105.5	3745	V	2626	3/4	Fashion TV Asia	TV	O	
6256	ASIASAT 7	105.5	3755	V	4418	7/8	Arirang Arab	TV	O	
6257	ASIASAT 7	105.5	3760	H	26000	7/8	Bloomberg TV Asia	TV		O
6258	ASIASAT 7	105.5	3760	H	26000	7/8	Hadi TV 1	TV	O	
6259	ASIASAT 7	105.5	3760	H	26000	7/8	RT English	TV	O	
6260	ASIASAT 7	105.5	3760	H	26000	7/8	MTA International	TV	O	
6261	ASIASAT 7	105.5	3760	H	26000	7/8	Al Jazeera English	TV	O	
6262	ASIASAT 7	105.5	3760	H	26000	7/8	TV 5 Monde Asia	TV	O	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
6263	ASIASAT 7	105.5	3760	H	26000	7/8	Eurosport Asia	TV		○
6264	ASIASAT 7	105.5	3760	H	26000	7/8	Eurosport News	TV		○
6265	ASIASAT 7	105.5	3760	H	26000	7/8	DW Asien	TV	○	
6266	ASIASAT 7	105.5	3760	H	26000	7/8	DW	TV	○	
6267	ASIASAT 7	105.5	3760	H	26000	7/8	DW-Radio 9	R	○	
6268	ASIASAT 7	105.5	3760	H	26000	7/8	RFI Français	R	○	
6269	ASIASAT 7	105.5	3760	H	26000	7/8	RFI Diverse 4	R	○	
6270	ASIASAT 7	105.5	3760	H	26000	7/8	RFI Cambodge	R	○	
6271	ASIASAT 7	105.5	3780	V	28100	3/4	National Geographic Channel India	TV		○
6272	ASIASAT 7	105.5	3780	V	28100	3/4	Star Chinese Movies South East Asia	TV		○
6273	ASIASAT 7	105.5	3780	V	28100	3/4	Nat Geo People Asia	TV		○
6274	ASIASAT 7	105.5	3780	V	28100	3/4	Fox Life India	TV		○
6275	ASIASAT 7	105.5	3780	V	28100	3/4	Sky News International	TV		○
6276	ASIASAT 7	105.5	3780	V	28100	3/4	Nat Geo Wild Asia	TV		○
6277	ASIASAT 7	105.5	3780	V	28100	3/4	Star World Taiwan	TV		○
6278	ASIASAT 7	105.5	3780	V	28100	3/4	Star Movies Vietnam	TV		○
6279	ASIASAT 7	105.5	3780	V	28100	3/4	Star Movies China	TV		○
6280	ASIASAT 7	105.5	3820	V	27500	3/4	Ten Cricket India	TV		○
6281	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Action	TV		○
6282	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Classic	TV		○
6283	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Premier	TV		○
6284	ASIASAT 7	105.5	3820	V	27500	3/4	Zee TV Asia Pacific	TV		○
6285	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Salaam	R		○
6286	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Khana Khazana	TV		○
6287	ASIASAT 7	105.5	3820	V	27500	3/4	Z ETC Bollywood	R		○
6288	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Rajasthan Plus Marudhara	TV		○
6289	ASIASAT 7	105.5	3820	V	27500	3/4	& pictures	TV		○
6290	ASIASAT 7	105.5	3820	V	27500	3/4	Zee Zindagi	TV		○
6291	ASIASAT 7	105.5	3820	V	27500	3/4	& TV	TV		○
6292	ASIASAT 7	105.5	3840	H	29720	5/6	FX Asia	TV		○
6293	ASIASAT 7	105.5	3840	H	29720	5/6	Channel V International	TV		○
6294	ASIASAT 7	105.5	3840	H	29720	5/6	Fox News Channel	TV		○
6295	ASIASAT 7	105.5	3840	H	29720	5/6	Fox Sports Asia	TV		○
6296	ASIASAT 7	105.5	3840	H	29720	5/6	Channel V International	TV		○
6297	ASIASAT 7	105.5	3840	H	29720	5/6	Fox Sports 3 Asia	TV		○
6298	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports 3	TV		○
6299	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports 1	TV		○
6300	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports 4	TV		○
6301	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports 2	TV		○
6302	ASIASAT 7	105.5	3860	V	28100	5/6	Star Cricket	TV		○
6303	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports HD 1	TV		○
6304	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports HD 2	TV		○
6305	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports HD 3	TV		○
6306	ASIASAT 7	105.5	3860	V	28100	5/6	Star Sports HD 4	TV		○
6307	ASIASAT 7	105.5	3880	H	27500	3/4	Isaac TV	TV	○	
6308	ASIASAT 7	105.5	3880	H	27500	3/4	CSTV	TV	○	
6309	ASIASAT 7	105.5	3880	H	27500	3/4	Sun TV (Hong Kong)	TV	○	
6310	ASIASAT 7	105.5	3880	H	27500	3/4	HK Information Satellite TV	TV	○	
6311	ASIASAT 7	105.5	3880	H	27500	3/4	Macau Lotus TV	TV	○	
6312	ASIASAT 7	105.5	3880	H	27500	3/4	Sahar 2	TV		○
6313	ASIASAT 7	105.5	3880	H	27500	3/4	NHK World TV	TV	○	
6314	ASIASAT 7	105.5	3888	V	9220	3/5	Big CBS Prime	TV		○
6315	ASIASAT 7	105.5	3888	V	9220	3/5	Big Magic	TV		○
6316	ASIASAT 7	105.5	3888	V	9220	3/5	Big Juice	TV		○
6317	ASIASAT 7	105.5	3888	V	9220	3/5	Big Magic Ganga	TV		○
6318	ASIASAT 7	105.5	3888	V	9220	3/5	Big Gaurav	TV		○
6319	ASIASAT 7	105.5	3888	V	9220	3/5	Big Magic Madhya Pradesh	TV		○
6320	ASIASAT 7	105.5	3888	V	9220	3/5	Big Magic Uttar Pradesh	TV		○
6321	ASIASAT 7	105.5	3898	V	2240	3/5	Big Thrill	TV		○
6322	ASIASAT 7	105.5	3906	V	2815	3/4	Such TV	TV	○	
6323	ASIASAT 7	105.5	3913	V	7260	3/4	Silver Screen	TV	○	
6324	ASIASAT 7	105.5	3913	V	7260	3/4	Starlite TV	TV	○	
6325	ASIASAT 7	105.5	3913	V	7260	3/4	FilmAsia	TV	○	
6326	ASIASAT 7	105.5	3913	V	7260	3/4	StarMax	TV	○	
6327	ASIASAT 7	105.5	3913	V	7260	3/4	D TV	TV	○	
6328	ASIASAT 7	105.5	3913	V	7260	3/4	Falak TV	TV	○	
6329	ASIASAT 7	105.5	3940	V	28100	5/6	Star Gold HD India	TV		○
6330	ASIASAT 7	105.5	3940	V	28100	5/6	Movies OK	TV		○
6331	ASIASAT 7	105.5	3940	V	28100	5/6	Star Movies HD India	TV		○
6332	ASIASAT 7	105.5	3940	V	28100	5/6	Star Movies Action	TV		○
6333	ASIASAT 7	105.5	3940	V	28100	5/6	Star World HD India	TV		○
6334	ASIASAT 7	105.5	3940	V	28100	5/6	Star Plus HD India	TV		○
6335	ASIASAT 7	105.5	3940	V	28100	5/6	Star Jalsha	TV		○
6336	ASIASAT 7	105.5	3940	V	28100	5/6	Star Pravah	TV		○
6337	ASIASAT 7	105.5	3940	V	28100	5/6	Star World Premiere HD	TV		○
6338	ASIASAT 7	105.5	3940	V	28100	5/6	Fox Crime India	TV		○
6339	ASIASAT 7	105.5	3940	V	28100	5/6	FX India	TV		○
6340	ASIASAT 7	105.5	3940	V	28100	5/6	Life OK India	TV		○
6341	ASIASAT 7	105.5	3940	V	28100	5/6	Jalsha Movies	TV		○
6342	ASIASAT 7	105.5	3960	H	27500	3/4	CNN International Asia Pacific	TV		○
6343	ASIASAT 7	105.5	3960	H	27500	3/4	Cartoon Network Asia	TV		○
6344	ASIASAT 7	105.5	3960	H	27500	3/4	Cartoon Network Taiwan	TV		○
6345	ASIASAT 7	105.5	3960	H	27500	3/4	Cartoon Network Philippines	TV		○
6346	ASIASAT 7	105.5	3960	H	27500	3/4	TCM Asia	TV		○
6347	ASIASAT 7	105.5	3960	H	27500	3/4	Toonami	TV		○
6348	ASIASAT 7	105.5	3960	H	27500	3/4	Tru TV Asia	TV		○
6349	ASIASAT 7	105.5	3960	H	27500	3/4	Cartoon Network Australia	TV		○

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
6350	ASIASAT 7	105.5	3960	H	27500	3/4	TCM Australia	TV		O
6351	ASIASAT 7	105.5	3960	H	27500	3/4	Boomerang Australia	TV		O
6352	ASIASAT 7	105.5	3960	H	27500	3/4	CNN Radio	TV		O
6353	ASIASAT 7	105.5	3980	V	28100	3/4	Star Movies India	TV		O
6354	ASIASAT 7	105.5	3980	V	28100	3/4	Star World India	TV		O
6355	ASIASAT 7	105.5	3980	V	28100	3/4	Star Plus India	TV		O
6356	ASIASAT 7	105.5	3980	V	28100	3/4	Channel V India	TV		O
6357	ASIASAT 7	105.5	3980	V	28100	3/4	Star Gold USA	TV		O
6358	ASIASAT 7	105.5	3980	V	28100	3/4	Star Gold India	TV		O
6359	ASIASAT 7	105.5	3980	V	28100	3/4	Life OK India	TV		O
6360	ASIASAT 7	105.5	3980	V	28100	3/4	Star Utsav	TV	O	
6361	ASIASAT 7	105.5	3980	V	28100	3/4	Star Plus Middle East	TV		O
6362	ASIASAT 7	105.5	3980	V	28100	3/4	Life OK Middle East	TV		O
6363	ASIASAT 7	105.5	3980	V	28100	3/4	Star Plus Southeast Asia	TV		O
6364	ASIASAT 7	105.5	4000	H	26850	7/8	Nat Geo Wild Asia	TV		O
6365	ASIASAT 7	105.5	4000	H	26850	7/8	Fox Sports Vietnam	TV		O
6366	ASIASAT 7	105.5	4000	H	26850	7/8	Nat Geo People Asia	TV		O
6367	ASIASAT 7	105.5	4000	H	26850	7/8	Fox Crime Asia	TV		O
6368	ASIASAT 7	105.5	4000	H	26850	7/8	Star World Asia	TV		O
6369	ASIASAT 7	105.5	4000	H	26850	7/8	National Geographic Channel Asia	TV		O
6370	ASIASAT 7	105.5	4000	H	26850	7/8	Fox Life India	TV		O
6371	ASIASAT 7	105.5	4000	H	26850	7/8	National Geographic Channel India	TV		O
6372	ASIASAT 7	105.5	4000	H	26850	7/8	Fox Movies Premium	TV		O
6373	ASIASAT 7	105.5	4000	H	26850	7/8	Fox Asia	TV		O
6374	ASIASAT 7	105.5	4020	V	27250	3/4	Sahara One	TV	O	
6375	ASIASAT 7	105.5	4020	V	27250	3/4	Samay	TV	O	
6376	ASIASAT 7	105.5	4020	V	27250	3/4	Samay Rajasthan	TV	O	
6377	ASIASAT 7	105.5	4020	V	27250	3/4	Samay Maharashtra/Gujarat	TV	O	
6378	ASIASAT 7	105.5	4020	V	27250	3/4	Samay UP/Uttarakhand	TV	O	
6379	ASIASAT 7	105.5	4020	V	27250	3/4	Samay Bihar/Jharkhand	TV	O	
6380	ASIASAT 7	105.5	4020	V	27250	3/4	Aalami Samay	TV	O	
6381	ASIASAT 7	105.5	4020	V	27250	3/4	Samay MP/Chhattisgarh	TV	O	
6382	ASIASAT 7	105.5	4020	V	27250	3/4	Filmy	TV	O	
6383	ASIASAT 7	105.5	4020	V	27250	3/4	Firangi	TV	O	
6384	ASIASAT 7	105.5	4040	H	26500	1/2	VoA TV Asia	TV	O	
6385	ASIASAT 7	105.5	4040	H	26500	1/2	American Embassy TV Network	TV	O	
6386	ASIASAT 7	105.5	4040	H	26500	1/2	VoA TV Africa	TV	O	
6387	ASIASAT 7	105.5	4040	H	26500	1/2	VoA TV Persian	TV	O	
6388	ASIASAT 7	105.5	4040	H	26500	1/2	VoA TV China	TV	O	
6389	ASIASAT 7	105.5	4040	H	26500	1/2	VoA Global Live (AS 3)	R	O	
6390	ASIASAT 7	105.5	4040	H	26500	1/2	Voice of America (AS 5)	R	O	
6391	ASIASAT 7	105.5	4040	H	26500	1/2	Voice of America (AS 6)	R	O	
6392	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Free Europe/Radio Liberty (AS 8)	R	O	
6393	ASIASAT 7	105.5	4040	H	26500	1/2	VoA 1 (AS 9)	R	O	
6394	ASIASAT 7	105.5	4040	H	26500	1/2	VoA Global Live (AS 11)	R	O	
6395	ASIASAT 7	105.5	4040	H	26500	1/2	Voice of America (AS 12)	R	O	
6396	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Free Europe/Radio Liberty (AS 13)	R	O	
6397	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Free Europe/Radio Liberty (AS 14)	R	O	
6398	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Free Europe/Radio Liberty (AS 15)	R	O	
6399	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Free Europe/Radio Liberty (AS 16)	R	O	
6400	ASIASAT 7	105.5	4040	H	26500	1/2	Voice of America (AS 21)	R	O	
6401	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Free Europe/Radio Liberty (AS 22)	R	O	
6402	ASIASAT 7	105.5	4040	H	26500	1/2	VoA 1 (AS 23)	R	O	
6403	ASIASAT 7	105.5	4040	H	26500	1/2	Voice of America (AS 24)	R	O	
6404	ASIASAT 7	105.5	4040	H	26500	1/2	VoA 1 (AS 17)	R	O	
6405	ASIASAT 7	105.5	4040	H	26500	1/2	VoA Global Live (AS 19)	R	O	
6406	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Farda	R	O	
6407	ASIASAT 7	105.5	4040	H	26500	1/2	Radio Svoboda	R	O	
6408	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Zindagi	TV	O	
6409	ASIASAT 7	105.5	4060	V	26666	3/4	Nickelodeon Pakistan	TV		O
6410	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Digital Asia	TV	O	
6411	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Digital UK	TV		O
6412	ASIASAT 7	105.5	4060	V	26666	3/4	ARY QTV	TV	O	
6413	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Musik	TV	O	
6414	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Digital UAE	TV		O
6415	ASIASAT 7	105.5	4060	V	26666	3/4	ARY News UK & Europe	TV		O
6416	ASIASAT 7	105.5	4060	V	26666	3/4	ARY News Pakistan	TV	O	
6417	ASIASAT 7	105.5	4060	V	26666	3/4	HBO Pakistan	TV		O
6418	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Digital USA	TV		O
6419	ASIASAT 7	105.5	4060	V	26666	3/4	ARY Zauq	TV		O
6420	ASIASAT 7	105.5	4078	H	3185	7/8	Pashto 1	TV		O
6421	ASIASAT 7	105.5	4078	H	3185	7/8	Pashto 1 Middle East	TV		O
6422	ASIASAT 7	105.5	4082	H	3185	5/6	Hidayat TV	TV	O	
6423	ASIASAT 7	105.5	4082	H	3185	5/6	DM Dhoom	TV	O	
6424	ASIASAT 7	105.5	4082	H	3185	5/6	Dekho TV	TV	O	
6425	ASIASAT 7	105.5	4087	H	3185	3/4	A plus	TV		O
6426	ASIASAT 7	105.5	4091	H	2894	3/4	PTV Global	TV	O	
6427	ASIASAT 7	105.5	4095	H	2894	3/4	PTV World	TV	O	
6428	ASIASAT 7	105.5	4100	V	29720	5/6	Z Living Asia	TV		O
6429	ASIASAT 7	105.5	4100	V	29720	5/6	B4U Movies India	TV		O
6430	ASIASAT 7	105.5	4100	V	29720	5/6	B4U Music India	TV		O
6431	ASIASAT 7	105.5	4100	V	29720	5/6	AsiaSat promo	TV		O
6432	ASIASAT 7	105.5	4120	H	27500	7/8	Phoenix InfoNews Channel	TV		O
6433	ASIASAT 7	105.5	4120	H	27500	7/8	Phoenix Chinese Channel	TV		O
6434	ASIASAT 7	105.5	4120	H	27500	7/8	Phoenix Hong Kong	TV		O
6435	ASIASAT 7	105.5	4120	H	27500	7/8	Phoenix InfoNews Channel	TV	O	
6436	ASIASAT 7	105.5	4120	H	27500	7/8	Phoenix Chinese Channel	TV	O	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 일표화 등)
6437	ASIASAT 7	105.5	4120	H	27500	7/8	Phoenix Movies Channel	TV		○
6438	ASIASAT 7	105.5	4140	V	27500	3/4	Zing Asia	TV		○
6439	ASIASAT 7	105.5	4140	V	27500	3/4	Zee News	TV		○
6440	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Punjabi	TV		○
6441	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Bangla	TV		○
6442	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Marathi	TV		○
6443	ASIASAT 7	105.5	4140	V	27500	3/4	Zee TV India	TV		○
6444	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Cinema Asia	TV		○
6445	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Smile	TV		○
6446	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Bangla Cinema	TV		○
6447	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Business	TV		○
6448	ASIASAT 7	105.5	4140	V	27500	3/4	Zee Tamizh	TV		○
6449	ASIASAT 7	105.5	4140	V	27500	3/4	Zee 24 Ghante Madhya Pradesh	TV		○
6450	ASIASAT 7	105.5	4146	H	5317	3/4	Paigham TV	TV		○
6451	ASIASAT 7	105.5	4146	H	5317	3/4	Paigham TV Pashto	TV		○
6452	ASIASAT 7	105.5	4146	H	5317	3/4	SBN (Pakistan)	TV		○
6453	ASIASAT 7	105.5	4146	H	5317	3/4	Azad TV	TV		○
6454	ASIASAT 7	105.5	4155	H	9833	3/5	Hum TV	TV		○
6455	ASIASAT 7	105.5	4155	H	9833	3/5	Masala TV	TV		○
6456	ASIASAT 7	105.5	4155	H	9833	3/5	Hum Sitaray	TV		○
6457	ASIASAT 7	105.5	4155	H	9833	3/5	Hum TV World	TV		○
6458	ASIASAT 7	105.5	4155	H	9833	3/5	Hum TV MENA	TV		○
6459	ASIASAT 7	105.5	4155	H	9833	3/5	Hum TV Europe	TV		○
6460	ASIASAT 7	105.5	4155	H	9833	3/5	Hum News	TV		○
6461	ASIASAT 7	105.5	4165	H	5040	3/4	Filmazia	TV	○	
6462	ASIASAT 7	105.5	4165	H	5040	3/4	Aruj TV	TV	○	
6463	ASIASAT 7	105.5	4165	H	5040	3/4	Film World	TV	○	
6464	ASIASAT 7	105.5	4172	H	2480	3/4	9X Tashan	TV		○
6465	ASIASAT 7	105.5	4176	H	2444	3/4	Shamshad TV	TV	○	
6466	ASIASAT 7	105.5	4180	V	26666	3/4	Geo News	TV		○
6467	ASIASAT 7	105.5	4180	V	26666	3/4	Geo News International	TV		○
6468	ASIASAT 7	105.5	4180	V	26666	3/4	Geo TV	TV		○
6469	ASIASAT 7	105.5	4180	V	26666	3/4	Geo UK	TV		○
6470	ASIASAT 7	105.5	4180	V	26666	3/4	Geo USA	TV		○
6471	ASIASAT 7	105.5	4180	V	26666	3/4	Geo Middle East	TV		○
6472	ASIASAT 7	105.5	4180	V	26666	3/4	Geo Kahani	TV		○
6473	ASIASAT 7	105.5	4180	V	26666	3/4	Aag International	TV		○
6474	ASIASAT 7	105.5	4180	V	26666	3/4	Geo Super	TV		○
6475	ASIASAT 7	105.5	4180	V	26666	3/4	Geo Tez	TV		○
6476	ASIASAT 7	105.5	4180	V	26666	3/4	Geo Tez International	TV		○
6477	NSS 11	108.2	12328	H	5000	3/4	Aashirwad Channel	TV		○
6478	NSS 11	108.2	12401	V	2400	3/4	MBN	TV		○
6479	NSS 11	108.2	12421	V	2962	3/4	YBS TV	TV		○
6480	NSS 11	108.2	12431	H	30000	5/6	ABS-CBN Sports+Action	TV		○
6481	NSS 11	108.2	12431	H	30000	5/6	Global News Network	TV	○	
6482	NSS 11	108.2	12431	H	30000	5/6	ABS-CBN Channel 2	TV		○
6483	NSS 11	108.2	12431	H	30000	5/6	TV 5 (Philippines)	TV		○
6484	NSS 11	108.2	12431	H	30000	5/6	GMA 7	TV		○
6485	NSS 11	108.2	12431	H	30000	5/6	GMA News TV	TV		○
6486	NSS 11	108.2	12431	H	30000	5/6	Global Pinoy Cinema	TV		○
6487	NSS 11	108.2	12431	H	30000	5/6	Fox Filipino	TV		○
6488	NSS 11	108.2	12431	H	30000	5/6	IBC 13	TV		○
6489	NSS 11	108.2	12431	H	30000	5/6	Star Movies Philippines	TV		○
6490	NSS 11	108.2	12431	H	30000	5/6	LS Time Movie	TV		○
6491	NSS 11	108.2	12431	H	30000	5/6	Cinemax Asia	TV		○
6492	NSS 11	108.2	12431	H	30000	5/6	AXN Philippines	TV		○
6493	NSS 11	108.2	12431	H	30000	5/6	Star World Philippines	TV		○
6494	NSS 11	108.2	12431	H	30000	5/6	Fox Philippines	TV		○
6495	NSS 11	108.2	12431	H	30000	5/6	National Geographic Channel Philippines	TV		○
6496	NSS 11	108.2	12471	H	30000	5/6	Discovery Science Channel South East Asia	TV		○
6497	NSS 11	108.2	12471	H	30000	5/6	History Philippines	TV		○
6498	NSS 11	108.2	12471	H	30000	5/6	Animal Planet South East Asia	TV		○
6499	NSS 11	108.2	12471	H	30000	5/6	Nick Jr Asia	TV		○
6500	NSS 11	108.2	12471	H	30000	5/6	Nickelodeon Philippines	TV		○
6501	NSS 11	108.2	12471	H	30000	5/6	Animax Philippines	TV		○
6502	NSS 11	108.2	12471	H	30000	5/6	Al Jazeera English	TV		○
6503	NSS 11	108.2	12471	H	30000	5/6	Net 25	TV		○
6504	NSS 11	108.2	12471	H	30000	5/6	Fox News Channel	TV		○
6505	NSS 11	108.2	12471	H	30000	5/6	Channel V International (21-13)	TV		○
6506	NSS 11	108.2	12471	H	30000	5/6	Pinoy Xtreme Channel	TV		○
6507	NSS 11	108.2	12471	H	30000	5/6	Fox Sports Philippines	TV		○
6508	NSS 11	108.2	12471	H	30000	5/6	Fox Sports 2 Asia	TV		○
6509	NSS 11	108.2	12471	H	30000	5/6	Basketball TV	TV		○
6510	NSS 11	108.2	12471	H	30000	5/6	People's TV (Philippines)	TV		○
6511	NSS 11	108.2	12471	H	30000	5/6	DZMM	R		○
6512	NSS 11	108.2	12471	H	30000	5/6	DZRH	R		○
6513	NSS 11	108.2	12471	H	30000	5/6	DWIZ 882 AM	R		○
6514	NSS 11	108.2	12471	H	30000	5/6	DZIQ 990 AM Radyo Inquirer	R		○
6515	NSS 11	108.2	12471	H	30000	5/6	Love Radio 90.7 Manila	R		○
6516	NSS 11	108.2	12471	H	30000	5/6	Home Radio 97.9 Manila	R		○
6517	NSS 11	108.2	12471	H	30000	5/6	IFM Manila	R		○
6518	NSS 11	108.2	12471	H	30000	5/6	Jazz Main Stream	R		○
6519	NSS 11	108.2	12471	H	30000	5/6	Rock Music	R		○
6520	NSS 11	108.2	12471	H	30000	5/6	Pop Music	R		○
6521	NSS 11	108.2	12651	V	26667	3/4	TVB Window	TV		○
6522	NSS 11	108.2	12651	V	26667	3/4	TVB Chinese Drama	TV		○
6523	NSS 11	108.2	12651	V	26667	3/4	TVB Food	TV		○

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 일표화 등)
6524	NSS 11	108.2	12651	V	26667	3/4	TVB Entertainment News	TV		O
6525	NSS 11	108.2	12651	V	26667	3/4	TVBN	TV		O
6526	NSS 11	108.2	12651	V	26667	3/4	TVBN 2	TV		O
6527	NSS 11	108.2	12651	V	26667	3/4	TVB Japanese Drama	TV		O
6528	NSS 11	108.2	12651	V	26667	3/4	TVB Korean Drama	TV		O
6529	NSS 11	108.2	12651	V	26667	3/4	TVB Classic	TV		O
6530	NSS 11	108.2	12651	V	26667	3/4	TVB Drama Select	TV		O
6531	NSS 11	108.2	12651	V	26667	3/4	TVB Encore	TV		O
6532	NSS 11	108.2	12651	V	26667	3/4	Kix	TV		O
6533	NSS 11	108.2	12651	V	26667	3/4	TVB Sports	TV		O
6534	NSS 11	108.2	12651	V	26667	3/4	Warner TV Asia	TV		O
6535	NSS 11	108.2	12651	V	26667	3/4	BeIn Sports 2 Hong Kong	TV		O
6536	NSS 11	108.2	12651	V	26667	3/4	BeIn Sports 1 Hong Kong	TV		O
6537	NSS 11	108.2	12651	V	26667	3/4	Disney Junior Asia	TV		O
6538	NSS 11	108.2	12651	V	26667	3/4	MATV Film	TV		O
6539	NSS 11	108.2	12651	V	26667	3/4	Taoist TV	TV		O
6540	NSS 11	108.2	12651	V	26667	3/4	TVB Classic Movies	TV		O
6541	NSS 11	108.2	12711	H	30000	2/3	Bloomberg TV Asia	TV		O
6542	NSS 11	108.2	12711	H	30000	2/3	Channel NewsAsia	TV		O
6543	NSS 11	108.2	12711	H	30000	2/3	Sony Channel Philippines	TV		O
6544	NSS 11	108.2	12711	H	30000	2/3	Zee TV Asia Pacific	TV		O
6545	NSS 11	108.2	12711	H	30000	2/3	Ten Cricket International	TV		O
6546	NSS 11	108.2	12711	H	30000	2/3	Golf Channel Asia	TV		O
6547	NSS 11	108.2	12711	H	30000	2/3	FTV (Taiwan)	TV		O
6548	NSS 11	108.2	12711	H	30000	2/3	TTV	TV		O
6549	NSS 11	108.2	12711	H	30000	2/3	ERA News (Taiwan)	TV		O
6550	NSS 11	108.2	12711	H	30000	2/3	TVBS	TV		O
6551	NSS 11	108.2	12711	H	30000	2/3	Videoland Movie	TV		O
6552	NSS 11	108.2	12711	H	30000	2/3	CCTV 1	TV		O
6553	NSS 11	108.2	12711	H	30000	2/3	Phoenix Chinese Channel	TV		O
6554	NSS 11	108.2	12711	H	30000	2/3	HBO HD Asia	TV		O
6555	NSS 11	108.2	12711	H	30000	2/3	Fox Action Movies	TV		O
6556	NSS 11	108.2	12711	H	30000	2/3	Fox HD Asia	TV		O
6557	NSS 11	108.2	12711	H	30000	2/3	Fox Family Movies HD	TV		O
6558	NSS 11	108.2	12711	H	30000	2/3	Discovery HD World South East Asia	TV		O
6559	NSS 11	108.2	12711	H	30000	2/3	Nat Geo Wild HD Asia	TV		O
6560	NSS 11	108.2	12711	H	30000	2/3	Fox Movies Premium HD	TV		O
6561	NSS 11	108.2	12711	H	30000	2/3	Fox Sports 3 Asia	TV		O
6562	NSS 11	108.2	12731	V	30000	5/6	Taiwan Macroview TV	TV		O
6563	NSS 11	108.2	12731	V	30000	5/6	Wei Xin TV	TV		O
6564	NSS 11	108.2	12731	V	30000	5/6	SET News	TV		O
6565	NSS 11	108.2	12731	V	30000	5/6	Da Ai TV	TV		O
6566	NSS 11	108.2	12731	V	30000	5/6	Hwazan Satellite TV	TV		O
6567	NSS 11	108.2	12731	V	30000	5/6	Good 2	TV		O
6568	NSS 11	108.2	12731	V	30000	5/6	Top TV (Taiwan)	TV		O
6569	NSS 11	108.2	12731	V	30000	5/6	Star Winged	TV		O
6570	NSS 11	108.2	12731	V	30000	5/6	Happy Channel	TV		O
6571	NSS 11	108.2	12731	V	30000	5/6	Hi Play	TV		O
6572	NSS 11	108.2	12731	V	30000	5/6	HOT	TV		O
6573	NSS 11	108.2	12731	V	30000	5/6	Angel TV Chinese	TV		O
6574	NSS 11	108.2	12731	V	30000	5/6	US New Songs & Chart	TV		O
6575	NSS 11	108.2	12731	V	30000	5/6	US Popular Songs	TV		O
6576	NSS 11	108.2	12731	V	30000	5/6	Sweet Love Songs	TV		O
6577	NSS 11	108.2	12731	V	30000	5/6	50 & 60 Popular Hits	TV		O
6578	NSS 11	108.2	12731	V	30000	5/6	R & B	TV		O
6579	NSS 11	108.2	12731	V	30000	5/6	Hiphop	TV		O
6580	NSS 11	108.2	12731	V	30000	5/6	Party Music	TV		O
6581	NSS 11	108.2	12731	V	30000	5/6	Rock Music	TV		O
6582	NSS 11	108.2	12731	V	30000	5/6	Jazz Vocal	TV		O
6583	NSS 11	108.2	12731	V	30000	5/6	Jazz Main Stream	TV		O
6584	NSS 11	108.2	12731	V	30000	5/6	Lounge	TV		O
6585	NSS 11	108.2	12731	V	30000	5/6	Enka	TV		O
6586	NSS 11	108.2	12731	V	30000	5/6	Japanese Popular Songs	TV		O
6587	NSS 11	108.2	12731	V	30000	5/6	J&T Station	TV		O
6588	NSS 11	108.2	12731	V	30000	5/6	Bossa Nova	TV		O
6589	NSS 11	108.2	12731	V	30000	5/6	Classical	TV		O
6590	NSS 11	108.2	12731	V	30000	5/6	Piano Easy Listening	TV		O
6591	NSS 11	108.2	12731	V	30000	5/6	Crystal Music	TV		O
6592	NSS 11	108.2	12731	V	30000	5/6	Soft Hearing	TV		O
6593	NSS 11	108.2	12731	V	30000	5/6	Season Music	TV		O
6594	NSS 11	108.2	12731	V	30000	5/6	Old Deck	TV		O
6595	NSS 11	108.2	12731	V	30000	5/6	Chinese Best Selling	TV		O
6596	NSS 11	108.2	12731	V	30000	5/6	Chinese Soft Songs	TV		O
6597	NSS 11	108.2	12731	V	30000	5/6	Chinese Classical Music	TV		O
6598	NSS 11	108.2	12731	V	30000	5/6	Children Music	TV		O
6599	NSS 11	108.2	12731	V	30000	5/6	Easy Listening	TV		O
6600	NSS 11	108.2	12731	V	30000	5/6	Birthday Songs	TV		O
6601	NSS 11	108.2	12731	V	30000	5/6	Wedding & Good Bye	TV		O
6602	NSS 11	108.2	12731	V	30000	5/6	Sweet Love Channel	TV		O
6603	NSS 11	108.2	12731	V	30000	5/6	Pop Music	TV		O
6604	NSS 11	108.2	12731	V	30000	5/6	Exclusive Channel	TV		O
6605	NSS 11	108.2	12731	V	30000	5/6	Exclusive Channel Napoli	TV		O
6606	NSS 11	108.2	12731	V	30000	5/6	Exclusive Channel Audrey	TV		O
6607	NSS 11	108.2	12731	V	30000	5/6	Exclusive Channel KF	TV		O
6608	NSS 11	108.2	12731	V	30000	5/6	Crystal & Piano Music	TV		O
6609	NSS 11	108.2	12731	V	30000	5/6	Fashion Music	TV		O
6610	NSS 11	108.2	12731	V	30000	5/6	Soft Music	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
6611	NSS 11	108.2	12731	V	30000	5/6	Asia FM	TV		O
6612	NSS 11	108.2	12731	V	30000	5/6	Da Ai Radio	TV		O
6613	NSS 11	108.2	12731	V	30000	5/6	Exclusive Channel KG	TV		O
6614	SES 7	108.2	2535	H	22500	7/8	Fashion TV SD Asia	TV		O
6615	SES 7	108.2	2535	H	22500	7/8	Food Travel	TV		O
6616	SES 7	108.2	2535	H	22500	7/8	SCTV (Indonesia)	TV		O
6617	SES 7	108.2	2535	H	22500	7/8	Metro TV (Indonesia)	TV		O
6618	SES 7	108.2	2535	H	22500	7/8	Trans TV	TV		O
6619	SES 7	108.2	2535	H	22500	7/8	MNC Entertainment	TV		O
6620	SES 7	108.2	2535	H	22500	7/8	Disney Channel Indonesia	TV		O
6621	SES 7	108.2	2535	H	22500	7/8	Fight Sports	TV		O
6622	SES 7	108.2	2535	H	22500	7/8	TVOne	TV		O
6623	SES 7	108.2	2535	H	22500	7/8	Fox Crime Asia	TV		O
6624	SES 7	108.2	2535	H	22500	7/8	TV Citra Indonesia Terampil	TV		O
6625	SES 7	108.2	2535	H	22500	7/8	HBO Hits	TV		O
6626	SES 7	108.2	2535	H	22500	7/8	Channel 8 International	TV		O
6627	SES 7	108.2	2535	H	22500	7/8	Health Beauty	TV		O
6628	SES 7	108.2	2535	H	22500	7/8	RRI Pro 3	R		O
6629	SES 7	108.2	2535	H	22500	7/8	V Radio	R		O
6630	SES 7	108.2	2535	H	22500	7/8	Radio France Internationale	R		O
6631	SES 7	108.2	2535	H	22500	7/8	Pop FM 103	R		O
6632	SES 7	108.2	2535	V	22500	3/4	Fox Action Movies	TV		O
6633	SES 7	108.2	2535	V	22500	3/4	Discovery Science Channel South East Asia	TV		O
6634	SES 7	108.2	2535	V	22500	3/4	Bloomberg TV Asia	TV		O
6635	SES 7	108.2	2535	V	22500	3/4	Auto & Gadget	TV		O
6636	SES 7	108.2	2535	V	22500	3/4	ICconcerts	TV		O
6637	SES 7	108.2	2535	V	22500	3/4	EuroNews	TV		O
6638	SES 7	108.2	2535	V	22500	3/4	DW Deutsch	TV		O
6639	SES 7	108.2	2535	V	22500	3/4	Sundance Channel South East Asia	TV		O
6640	SES 7	108.2	2535	V	22500	3/4	Channel M	TV		O
6641	SES 7	108.2	2535	V	22500	3/4	ICconcerts	TV		O
6642	SES 7	108.2	2535	V	22500	3/4	Fox Movies Premium HD	TV		O
6643	SES 7	108.2	2535	V	22500	3/4	Oh! K	TV		O
6644	SES 7	108.2	2565	H	22500	7/8	Cinemax Asia	TV		O
6645	SES 7	108.2	2565	H	22500	7/8	Fox Movies Premium	TV		O
6646	SES 7	108.2	2565	H	22500	7/8	Animal Planet South East Asia	TV		O
6647	SES 7	108.2	2565	H	22500	7/8	Asian Food Channel	TV		O
6648	SES 7	108.2	2565	H	22500	7/8	Fox Sports Indonesia	TV		O
6649	SES 7	108.2	2565	H	22500	7/8	E! Asia & Pacific	TV		O
6650	SES 7	108.2	2565	H	22500	7/8	ANTV (Indonesia)	TV		O
6651	SES 7	108.2	2565	H	22500	7/8	Trans 7	TV		O
6652	SES 7	108.2	2565	H	22500	7/8	Zee Cinema Asia	TV		O
6653	SES 7	108.2	2565	H	22500	7/8	History Asia	TV		O
6654	SES 7	108.2	2565	H	22500	7/8	RCTI	TV		O
6655	SES 7	108.2	2565	H	22500	7/8	SET One	TV		O
6656	SES 7	108.2	2565	H	22500	7/8	MNC Shop	TV		O
6657	SES 7	108.2	2565	H	22500	7/8	Radio Dangdut Indonesia	R		O
6658	SES 7	108.2	2565	H	22500	7/8	Radio Australia English for Asia	R		O
6659	SES 7	108.2	2565	H	22500	7/8	Bens Radio	R		O
6660	SES 7	108.2	2565	H	22500	7/8	Sonora FM	R		O
6661	SES 7	108.2	2565	V	22500	7/8	Fox Family Movies	TV		O
6662	SES 7	108.2	2565	V	22500	7/8	FX Asia	TV		O
6663	SES 7	108.2	2565	V	22500	7/8	Nat Geo Wild Asia	TV		O
6664	SES 7	108.2	2565	V	22500	7/8	Trace Urban Southeast Asia	TV		O
6665	SES 7	108.2	2565	V	22500	7/8	Warner TV Southeast Asia	TV		O
6666	SES 7	108.2	2565	V	22500	7/8	Syfy Universal Asia	TV		O
6667	SES 7	108.2	2565	V	22500	7/8	MNC Sports 2	TV		O
6668	SES 7	108.2	2565	V	22500	7/8	Kix	TV		O
6669	SES 7	108.2	2565	V	22500	7/8	Thrill	TV		O
6670	SES 7	108.2	2565	V	22500	7/8	Screen Red	TV		O
6671	SES 7	108.2	2565	V	22500	7/8	WakuWaku Japan	TV		O
6672	SES 7	108.2	2565	V	22500	7/8	Comedy Channel	TV		O
6673	SES 7	108.2	2565	V	22500	7/8	Indovision promo	TV		O
6674	SES 7	108.2	2595	H	20000	7/8	HBO Asia	TV		O
6675	SES 7	108.2	2595	H	20000	7/8	MNC Sports	TV		O
6676	SES 7	108.2	2595	H	20000	7/8	Vision 2 Drama	TV		O
6677	SES 7	108.2	2595	H	20000	7/8	HBO Signature Asia	TV		O
6678	SES 7	108.2	2595	H	20000	7/8	Movie Channel	TV		O
6679	SES 7	108.2	2595	H	20000	7/8	AXN Indonesia	TV		O
6680	SES 7	108.2	2595	H	20000	7/8	Divya Asia	TV		O
6681	SES 7	108.2	2595	H	20000	7/8	BBC World News Asia Pacific	TV		O
6682	SES 7	108.2	2595	H	20000	7/8	CNN International Asia Pacific	TV		O
6683	SES 7	108.2	2595	H	20000	7/8	NHK World Premium	TV		O
6684	SES 7	108.2	2595	H	20000	7/8	MNC Muslim	TV		O
6685	SES 7	108.2	2595	H	20000	7/8	Sindo Trijaya FM	R		O
6686	SES 7	108.2	2595	H	20000	7/8	Lite FM 105.8	R		O
6687	SES 7	108.2	2595	H	20000	7/8	PAS FM	R		O
6688	SES 7	108.2	2595	H	20000	7/8	Smart FM	R		O
6689	SES 7	108.2	2595	H	20000	7/8	Mustang FM	R		O
6690	SES 7	108.2	2595	H	20000	7/8	Global Radio Jakarta	R		O
6691	SES 7	108.2	2595	V	22500	7/8	HBO Family Asia	TV		O
6692	SES 7	108.2	2595	V	22500	7/8	CBeebies Asia	TV		O
6693	SES 7	108.2	2595	V	22500	7/8	IBCM Channel	TV		O
6694	SES 7	108.2	2595	V	22500	7/8	Toonami	TV		O
6695	SES 7	108.2	2595	V	22500	7/8	MNC Lifestyle	TV		O
6696	SES 7	108.2	2595	V	22500	7/8	Disney XD Indonesia	TV		O
6697	SES 7	108.2	2595	V	22500	7/8	INews TV	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
6698	SES 7	108.2	2595	V	22500	7/8	Discovery Kids South East Asia	TV		O
6699	SES 7	108.2	2595	V	22500	7/8	Lifetime Asia	TV		O
6700	SES 7	108.2	2595	V	22500	7/8	Golf Channel Indonesia	TV		O
6701	SES 7	108.2	2595	V	22500	7/8	Celestial Classic Movies	TV		O
6702	SES 7	108.2	2595	V	22500	7/8	Fox Indonesia	TV		O
6703	SES 7	108.2	2595	V	22500	7/8	MNC Infotainment	TV		O
6704	SES 7	108.2	2625	H	22500	7/8	Vision 3 Baby	TV		O
6705	SES 7	108.2	2625	H	22500	7/8	Disney Junior Indonesia	TV		O
6706	SES 7	108.2	2625	H	22500	7/8	Cartoon Network South East Asia	TV		O
6707	SES 7	108.2	2625	H	22500	7/8	Nickelodeon Indonesia	TV		O
6708	SES 7	108.2	2625	H	22500	7/8	Australia Plus TV Asia	TV		O
6709	SES 7	108.2	2625	H	22500	7/8	KBS World Indonesia	TV		O
6710	SES 7	108.2	2625	H	22500	7/8	Life	TV		O
6711	SES 7	108.2	2625	H	22500	7/8	Channel NewsAsia	TV		O
6712	SES 7	108.2	2625	H	22500	7/8	TVRI Nasional	TV		O
6713	SES 7	108.2	2625	H	22500	7/8	MNC News	TV		O
6714	SES 7	108.2	2625	H	22500	7/8	Global TV (Indonesia)	TV		O
6715	SES 7	108.2	2625	H	22500	7/8	MNC TV	TV		O
6716	SES 7	108.2	2625	H	22500	7/8	CNBC Asia-Pacific	TV		O
6717	SES 7	108.2	2625	H	22500	7/8	Home Living	TV		O
6718	SES 7	108.2	2625	V	22500	3/4	Vision 3 Baby	TV		O
6719	SES 7	108.2	2625	V	22500	3/4	Disney Junior Indonesia	TV		O
6720	SES 7	108.2	2625	V	22500	3/4	Cartoon Network South East Asia	TV		O
6721	SES 7	108.2	2625	V	22500	3/4	Nickelodeon Indonesia	TV		O
6722	SES 7	108.2	2625	V	22500	3/4	Australia Plus TV Asia	TV		O
6723	SES 7	108.2	2625	V	22500	3/4	KBS World Indonesia	TV		O
6724	SES 7	108.2	2625	V	22500	3/4	Life	TV		O
6725	SES 7	108.2	2625	V	22500	3/4	Channel NewsAsia	TV		O
6726	SES 7	108.2	2625	V	22500	3/4	TVRI Nasional	TV		O
6727	SES 7	108.2	2625	V	22500	3/4	MNC News	TV		O
6728	SES 7	108.2	2625	V	22500	3/4	Global TV (Indonesia)	TV		O
6729	SES 7	108.2	2625	V	22500	3/4	MNC TV	TV		O
6730	SES 7	108.2	2625	V	22500	3/4	CNBC Asia-Pacific	TV		O
6731	SES 7	108.2	2625	V	22500	3/4	Home Living	TV		O
6732	SES 7	108.2	2655	H	22500	7/8	Celestial Movies Indonesia	TV		O
6733	SES 7	108.2	2655	H	22500	7/8	National Geographic Channel Asia	TV		O
6734	SES 7	108.2	2655	H	22500	7/8	MNC Fashion	TV		O
6735	SES 7	108.2	2655	H	22500	7/8	Fox Sports 2 Indonesia	TV		O
6736	SES 7	108.2	2655	H	22500	7/8	Star World Asia	TV		O
6737	SES 7	108.2	2655	H	22500	7/8	Animax East Asia	TV		O
6738	SES 7	108.2	2655	H	22500	7/8	Music Channel	TV		O
6739	SES 7	108.2	2655	H	22500	7/8	AMC Asia	TV		O
6740	SES 7	108.2	2655	H	22500	7/8	Indosiar	TV		O
6741	SES 7	108.2	2655	H	22500	7/8	Universal Channel Asia	TV		O
6742	SES 7	108.2	2655	H	22500	7/8	BBC Knowledge Asia	TV		O
6743	SES 7	108.2	2655	H	22500	7/8	Kids Channel	TV		O
6744	SES 7	108.2	2655	H	22500	7/8	Drama Channel	TV		O
6745	SES 7	108.2	2655	H	22500	7/8	Kis FM 95.1	R		O
6746	SES 7	108.2	2655	H	22500	7/8	BBC World Service	R		O
6747	SES 7	108.2	2655	V	22500		Eve	TV		O
6748	SES 7	108.2	2655	V	22500		Arirang World	TV		O
6749	SES 7	108.2	2655	V	22500		DW	TV		O
6750	SES 7	108.2	2655	V	22500		Life Inspired	TV		O
6751	SES 7	108.2	2655	V	22500		DMAX Southeast Asia	TV		O
6752	SES 7	108.2	2655	V	22500		Al Jazeera English	TV		O
6753	SES 7	108.2	2655	V	22500		Learning Channel	TV		O
6754	SES 7	108.2	2655	V	22500		HBO HD Asia	TV		O
6755	SES 7	108.2	2655	V	22500		Fox Sports 3 Asia	TV		O
6756	SES 7	108.2	2655	V	22500		National Geographic Channel HD Asia	TV		O
6757	SES 7	108.2	2655	V	22500		Indovision VOD	TV		O
6758	SES 7	108.2	2655	V	22500		DMAX Southeast Asia	TV		O
6759	SES 7	108.2	11480	V	28800	2/3	Star Plus India	TV		O
6760	SES 7	108.2	11480	V	28800	2/3	Zee TV India	TV		O
6761	SES 7	108.2	11480	V	28800	2/3	SET India	TV		O
6762	SES 7	108.2	11480	V	28800	2/3	Sony Max India	TV		O
6763	SES 7	108.2	11480	V	28800	2/3	Zee Cinema Asia	TV		O
6764	SES 7	108.2	11480	V	28800	2/3	Star Gold India	TV		O
6765	SES 7	108.2	11480	V	28800	2/3	UTV Movies	TV		O
6766	SES 7	108.2	11480	V	28800	2/3	Star Movies India	TV		O
6767	SES 7	108.2	11480	V	28800	2/3	Colors Gujarati	TV		O
6768	SES 7	108.2	11480	V	28800	2/3	Star Sports 4	TV		O
6769	SES 7	108.2	11480	V	28800	2/3	Star Sports 3	TV		O
6770	SES 7	108.2	11480	V	28800	2/3	Cartoon Network India	TV		O
6771	SES 7	108.2	11480	V	28800	2/3	Disney XD India	TV		O
6772	SES 7	108.2	11480	V	28800	2/3	Asianet	TV		O
6773	SES 7	108.2	11480	V	28800	2/3	DD National	TV		O
6774	SES 7	108.2	11480	V	28800	2/3	Colors	TV		O
6775	SES 7	108.2	11480	V	28800	2/3	National Geographic Channel India	TV		O
6776	SES 7	108.2	11480	V	28800	2/3	Star Vijay India	TV		O
6777	SES 7	108.2	11480	V	28800	2/3	Maa TV	TV		O
6778	SES 7	108.2	11480	V	28800	2/3	Zee Marathi	TV		O
6779	SES 7	108.2	11480	V	28800	2/3	Aaj Tak	TV		O
6780	SES 7	108.2	11480	V	28800	2/3	Sun TV (India)	TV		O
6781	SES 7	108.2	11480	V	28800	2/3	KTV (India)	TV		O
6782	SES 7	108.2	11480	V	28800	2/3	Gemini TV	TV		O
6783	SES 7	108.2	11480	V	28800	2/3	Zee Telugu	TV		O
6784	SES 7	108.2	11480	V	28800	2/3	Udaya TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
6785	SES 7	108.2	11480	V	28800	2/3	Airtel Home Channel	TV		O
6786	SES 7	108.2	11480	V	28800	2/3	Star Pravah	TV		O
6787	SES 7	108.2	11481	H	18750	3/4	Asian Food Channel	TV		O
6788	SES 7	108.2	11481	H	18750	3/4	National Geographic Channel Philippines	TV		O
6789	SES 7	108.2	11481	H	18750	3/4	AXN Philippines	TV		O
6790	SES 7	108.2	11481	H	18750	3/4	Star World Philippines	TV		O
6791	SES 7	108.2	11481	H	18750	3/4	Fox Filipino	TV		O
6792	SES 7	108.2	11481	H	18750	3/4	Viva Channel	TV		O
6793	SES 7	108.2	11481	H	18750	3/4	PBO	TV		O
6794	SES 7	108.2	11481	H	18750	3/4	Basketball TV	TV		O
6795	SES 7	108.2	11481	H	18750	3/4	Star Movies Philippines	TV		O
6796	SES 7	108.2	11481	H	18750	3/4	Animax Philippines	TV		O
6797	SES 7	108.2	11481	H	18750	3/4	Channel V International	TV		O
6798	SES 7	108.2	11481	H	18750	3/4	Airang World	TV		O
6799	SES 7	108.2	11481	H	18750	3/4	TeleAsia Chinese	TV		O
6800	SES 7	108.2	11483	H	26600	3/4	Fox Crime India	TV		O
6801	SES 7	108.2	11483	H	26600	3/4	FX India	TV		O
6802	SES 7	108.2	11483	H	26600	3/4	Sakshi TV	TV		O
6803	SES 7	108.2	11483	H	26600	3/4	Ten HD	TV		O
6804	SES 7	108.2	11483	H	26600	3/4	Zee Trendz	TV		O
6805	SES 7	108.2	11483	H	26600	3/4	Topper TV	TV		O
6806	SES 7	108.2	11483	H	26600	3/4	Gemini News	TV		O
6807	SES 7	108.2	11483	H	26600	3/4	Samay	TV		O
6808	SES 7	108.2	11483	H	26600	3/4	History TV 18	TV		O
6809	SES 7	108.2	11483	H	26600	3/4	Maa Movies	TV		O
6810	SES 7	108.2	11483	H	26600	3/4	Prarthana TV	TV		O
6811	SES 7	108.2	11483	H	26600	3/4	Focus Hi Fi	TV		O
6812	SES 7	108.2	11483	H	26600	3/4	9X Tashan	TV		O
6813	SES 7	108.2	11483	H	26600	3/4	Samay UP/Uttarakhand	TV		O
6814	SES 7	108.2	11483	H	26600	3/4	Samay Bihar/Jharkhand	TV		O
6815	SES 7	108.2	11483	H	26600	3/4	Sada Channel	TV		O
6816	SES 7	108.2	11483	H	26600	3/4	Star Movies Action	TV		O
6817	SES 7	108.2	11510	H	20000	3/4	Pinoy Xtreme Channel	TV		O
6818	SES 7	108.2	11510	H	20000	3/4	EWTN Pacific Rim	TV		O
6819	SES 7	108.2	11510	H	20000	3/4	Diva Philippines	TV		O
6820	SES 7	108.2	11510	H	20000	3/4	TLC Philippines	TV		O
6821	SES 7	108.2	11510	H	20000	3/4	Animal Planet South East Asia	TV		O
6822	SES 7	108.2	11510	H	20000	3/4	Jack City	TV		O
6823	SES 7	108.2	11510	H	20000	3/4	INC TV	TV		O
6824	SES 7	108.2	11510	H	20000	3/4	UNTV	TV		O
6825	SES 7	108.2	11510	H	20000	3/4	Light Network	TV		O
6826	SES 7	108.2	11510	H	20000	3/4	Thrill	TV		O
6827	SES 7	108.2	11510	H	20000	3/4	MTV Pinoy	TV		O
6828	SES 7	108.2	11510	H	20000	3/4	Fox HD Philippines	TV		O
6829	SES 7	108.2	11510	H	20000	3/4	Comedy Central Asia	TV		O
6830	SES 7	108.2	11510	H	20000	3/4	Fox Action Movies	TV		O
6831	SES 7	108.2	11510	H	20000	3/4	Kix	TV		O
6832	SES 7	108.2	11510	H	20000	3/4	Fox Action Movies	TV		O
6833	SES 7	108.2	11520	V	30000	3/4	Life OK India	TV		O
6834	SES 7	108.2	11520	V	30000	3/4	National Geographic Channel HD India	TV		O
6835	SES 7	108.2	11520	V	30000	3/4	Tarang Music	TV		O
6836	SES 7	108.2	11520	V	30000	3/4	Home Shop 18	TV		O
6837	SES 7	108.2	11520	V	30000	3/4	History TV 18	TV		O
6838	SES 7	108.2	11520	V	30000	3/4	Comedy Central India	TV		O
6839	SES 7	108.2	11520	V	30000	3/4	Ten Action	TV		O
6840	SES 7	108.2	11520	V	30000	3/4	DD Sports	TV		O
6841	SES 7	108.2	11520	V	30000	3/4	Hungama TV	TV		O
6842	SES 7	108.2	11520	V	30000	3/4	Udaya Music	TV		O
6843	SES 7	108.2	11520	V	30000	3/4	Indiavision	TV		O
6844	SES 7	108.2	11520	V	30000	3/4	Z ETC Punjabi	TV		O
6845	SES 7	108.2	11520	V	30000	3/4	Shraddha Mh One	TV		O
6846	SES 7	108.2	11520	V	30000	3/4	Zee Café	TV		O
6847	SES 7	108.2	11520	V	30000	3/4	Aakaash Aath	TV		O
6848	SES 7	108.2	11520	V	30000	3/4	Mi Marathi	TV		O
6849	SES 7	108.2	11520	V	30000	3/4	CNBC Awaaz	TV		O
6850	SES 7	108.2	11520	V	30000	3/4	NDTV Profit (Mon-Fri 09-17)	TV		O
6851	SES 7	108.2	11520	V	30000	3/4	NDTV Prime (Mon Fri 17-09 & Sat-Sun)	TV		O
6852	SES 7	108.2	11520	V	30000	3/4	Chardikla Time TV	TV		O
6853	SES 7	108.2	11520	V	30000	3/4	Makkal TV	TV		O
6854	SES 7	108.2	11520	V	30000	3/4	WB India	TV		O
6855	SES 7	108.2	11520	V	30000	3/4	ETV Rajasthan	TV		O
6856	SES 7	108.2	11520	V	30000	3/4	Star Sports HD 1	TV		O
6857	SES 7	108.2	11520	V	30000	3/4	HBO South Asia	TV		O
6858	SES 7	108.2	11520	V	30000	3/4	Puthiya Thalaimurai	TV		O
6859	SES 7	108.2	11520	V	30000	3/4	Colors Kannada	TV		O
6860	SES 7	108.2	11520	V	30000	3/4	Mazhavil Manorama	TV		O
6861	SES 7	108.2	11520	V	30000	3/4	DY 365	TV		O
6862	SES 7	108.2	11520	V	30000	3/4	Zee Talkies	TV		O
6863	SES 7	108.2	11520	V	30000	3/4	Focus NE	TV		O
6864	SES 7	108.2	11520	V	30000	3/4	Star Utsav	TV		O
6865	SES 7	108.2	11520	V	30000	3/4	Filmy	TV		O
6866	SES 7	108.2	11520	V	30000	3/4	Kairali TV	TV		O
6867	SES 7	108.2	11520	V	30000	3/4	DD Girnar	TV		O
6868	SES 7	108.2	11520	V	30000	3/4	UTV Action	TV		O
6869	SES 7	108.2	11520	V	30000	3/4	ABP News India	TV		O
6870	SES 7	108.2	11520	V	30000	3/4	NDTV 24x7	TV		O
6871	SES 7	108.2	11520	V	30000	3/4	Airtel Movies 1	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
6872	SES 7	108.2	11520	V	30000	3/4	Airtel Movies 2	TV		O
6873	SES 7	108.2	11520	V	30000	3/4	RT English	TV		O
6874	SES 7	108.2	11520	V	30000	3/4	Sun Music	TV		O
6875	SES 7	108.2	11520	V	30000	3/4	ETV Telugu	TV		O
6876	SES 7	108.2	11520	V	30000	3/4	SVBC	TV		O
6877	SES 7	108.2	11520	V	30000	3/4	Gemini Movies	TV		O
6878	SES 7	108.2	11520	V	30000	3/4	Kiran TV	TV		O
6879	SES 7	108.2	11520	V	30000	3/4	Mahuaa TV	TV		O
6880	SES 7	108.2	11520	V	30000	3/4	Zee Classic	TV		O
6881	SES 7	108.2	11520	V	30000	3/4	IBC 24	TV		O
6882	SES 7	108.2	11520	V	30000	3/4	Zee 24 Taas	TV		O
6883	SES 7	108.2	11520	V	30000	3/4	Nepal 1	TV		O
6884	SES 7	108.2	11520	V	30000	3/4	HBO South Asia	TV		O
6885	SES 7	108.2	11520	V	30000	3/4	Puthiya Thalaimurai	TV		O
6886	SES 7	108.2	11520	V	30000	3/4	Colors Kannada	TV		O
6887	SES 7	108.2	11520	V	30000	3/4	Mazhavil Manorama	TV		O
6888	SES 7	108.2	11520	V	30000	3/4	DY 365	TV		O
6889	SES 7	108.2	11520	V	30000	3/4	Zee Talkies	TV		O
6890	SES 7	108.2	11520	V	30000	3/4	Focus NE	TV		O
6891	SES 7	108.2	11520	V	30000	3/4	Star Utsav	TV		O
6892	SES 7	108.2	11520	V	30000	3/4	Filmy	TV		O
6893	SES 7	108.2	11520	V	30000	3/4	Kairali TV	TV		O
6894	SES 7	108.2	11520	V	30000	3/4	DD Girnar	TV		O
6895	SES 7	108.2	11520	V	30000	3/4	UTV Action	TV		O
6896	SES 7	108.2	11520	V	30000	3/4	ABP News India	TV		O
6897	SES 7	108.2	11520	V	30000	3/4	NDTV 24x7	TV		O
6898	SES 7	108.2	11520	V	30000	3/4	Airtel Movies 1	TV		O
6899	SES 7	108.2	11520	V	30000	3/4	Airtel Movies 2	TV		O
6900	SES 7	108.2	11520	V	30000	3/4	RT English	TV		O
6901	SES 7	108.2	11520	V	30000	3/4	Sun Music	TV		O
6902	SES 7	108.2	11520	V	30000	3/4	ETV Telugu	TV		O
6903	SES 7	108.2	11520	V	30000	3/4	SVBC	TV		O
6904	SES 7	108.2	11520	V	30000	3/4	Gemini Movies	TV		O
6905	SES 7	108.2	11520	V	30000	3/4	Kiran TV	TV		O
6906	SES 7	108.2	11520	V	30000	3/4	Mahuaa TV	TV		O
6907	SES 7	108.2	11520	V	30000	3/4	Zee Classic	TV		O
6908	SES 7	108.2	11520	V	30000	3/4	IBC 24	TV		O
6909	SES 7	108.2	11520	V	30000	3/4	Zee 24 Taas	TV		O
6910	SES 7	108.2	11520	V	30000	3/4	Nepal 1	TV		O
6911	SES 7	108.2	11560	V	30000	3/4	Star World India	TV		O
6912	SES 7	108.2	11560	V	30000	3/4	Isai Aruvi	TV		O
6913	SES 7	108.2	11560	V	30000	3/4	Colors Bangla	TV		O
6914	SES 7	108.2	11560	V	30000	3/4	Colors Marathi	TV		O
6915	SES 7	108.2	11560	V	30000	3/4	Bindass	TV		O
6916	SES 7	108.2	11560	V	30000	3/4	Star Sports 1	TV		O
6917	SES 7	108.2	11560	V	30000	3/4	Neo Prime	TV		O
6918	SES 7	108.2	11560	V	30000	3/4	Nickelodeon India	TV		O
6919	SES 7	108.2	11560	V	30000	3/4	Disney Channel India	TV		O
6920	SES 7	108.2	11560	V	30000	3/4	Polimer	TV		O
6921	SES 7	108.2	11560	V	30000	3/4	Asianet Suvarna	TV		O
6922	SES 7	108.2	11560	V	30000	3/4	Kasthuri TV	TV		O
6923	SES 7	108.2	11560	V	30000	3/4	PTC News	TV		O
6924	SES 7	108.2	11560	V	30000	3/4	Ten Cricket India	TV		O
6925	SES 7	108.2	11560	V	30000	3/4	IBN 7	TV		O
6926	SES 7	108.2	11560	V	30000	3/4	Times Now	TV		O
6927	SES 7	108.2	11560	V	30000	3/4	Discovery Channel India	TV		O
6928	SES 7	108.2	11560	V	30000	3/4	Animal Planet India	TV		O
6929	SES 7	108.2	11560	V	30000	3/4	Jaya TV (India)	TV		O
6930	SES 7	108.2	11560	V	30000	3/4	TV 9 Telugu	TV		O
6931	SES 7	108.2	11560	V	30000	3/4	Star Jalsha	TV		O
6932	SES 7	108.2	11560	V	30000	3/4	Aath	TV		O
6933	SES 7	108.2	11560	V	30000	3/4	Asianet Plus	TV		O
6934	SES 7	108.2	11560	V	30000	3/4	Aastha India	TV		O
6935	SES 7	108.2	11560	V	30000	3/4	Sanskar TV	TV		O
6936	SES 7	108.2	11560	V	30000	3/4	Zoom (India)	TV		O
6937	SES 7	108.2	11560	V	30000	3/4	CNBC TV 18	TV		O
6938	SES 7	108.2	11560	V	30000	3/4	Channel V India	TV		O
6939	SES 7	108.2	11560	V	30000	3/4	MTV India	TV		O
6940	SES 7	108.2	11560	V	30000	3/4	Zee Cinema HD	TV		O
6941	SES 7	108.2	11560	H	30000	3/4	AXN India	TV		O
6942	SES 7	108.2	11560	H	30000	3/4	Sangeet Bangla	TV		O
6943	SES 7	108.2	11560	H	30000	3/4	ETV Urdu	TV		O
6944	SES 7	108.2	11560	H	30000	3/4	Rang	TV		O
6945	SES 7	108.2	11560	H	30000	3/4	Ten Sports India	TV		O
6946	SES 7	108.2	11560	H	30000	3/4	ET Now	TV		O
6947	SES 7	108.2	11560	H	30000	3/4	Pogo	TV		O
6948	SES 7	108.2	11560	H	30000	3/4	Sirippoli	TV		O
6949	SES 7	108.2	11560	H	30000	3/4	Asianet News	TV		O
6950	SES 7	108.2	11560	H	30000	3/4	Fashion TV India	TV		O
6951	SES 7	108.2	11560	H	30000	3/4	Jaya Plus	TV		O
6952	SES 7	108.2	11560	H	30000	3/4	Zee Kannada	TV		O
6953	SES 7	108.2	11560	H	30000	3/4	Mastiii	TV		O
6954	SES 7	108.2	11560	H	30000	3/4	Sahara One	TV		O
6955	SES 7	108.2	11560	H	30000	3/4	Kalaigarnar TV	TV		O
6956	SES 7	108.2	11560	H	30000	3/4	Zee Bangla	TV		O
6957	SES 7	108.2	11560	H	30000	3/4	ABP Ananda	TV		O
6958	SES 7	108.2	11560	H	30000	3/4	Mh One News	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
6959	SES 7	108.2	11560	H	30000	3/4	9XM	TV		○
6960	SES 7	108.2	11560	H	30000	3/4	We	TV		○
6961	SES 7	108.2	11560	H	30000	3/4	Sun News (India)	TV		○
6962	SES 7	108.2	11560	H	30000	3/4	Adithya TV	TV		○
6963	SES 7	108.2	11560	H	30000	3/4	ETV Andhra Pradesh	TV		○
6964	SES 7	108.2	11560	H	30000	3/4	Saam TV	TV		○
6965	SES 7	108.2	11560	H	30000	3/4	Surya TV	TV		○
6966	SES 7	108.2	11560	H	30000	3/4	PTC Chak De	TV		○
6967	SES 7	108.2	11560	H	30000	3/4	Tarang TV	TV		○
6968	SES 7	108.2	11560	H	30000	3/4	Travel Trendz	TV		○
6969	SES 7	108.2	11568	V	20000	3/4	TTV	TV		○
6970	SES 7	108.2	11568	V	20000	3/4	CTI TV Asia	TV		○
6971	SES 7	108.2	11568	V	20000	3/4	FTV (Taiwan)	TV		○
6972	SES 7	108.2	11568	V	20000	3/4	Fermosa Indo	TV		○
6973	SES 7	108.2	11568	V	20000	3/4	SET International	TV		○
6974	SES 7	108.2	11568	V	20000	3/4	SET Taiwan	TV		○
6975	SES 7	108.2	11568	V	20000	3/4	Asia Travel TV	TV		○
6976	SES 7	108.2	11568	V	20000	3/4	ETTV Asia News	TV		○
6977	SES 7	108.2	11568	V	20000	3/4	ETTV Asia	TV		○
6978	SES 7	108.2	11568	V	20000	3/4	Taiwan Macroview TV	TV		○
6979	SES 7	108.2	11568	H	20000	3/4	Nat Geo People Asia	TV		○
6980	SES 7	108.2	11568	H	20000	3/4	Discovery HD World South East Asia	TV		○
6981	SES 7	108.2	11568	H	20000	3/4	Food Network Asia	TV		○
6982	SES 7	108.2	11568	H	20000	3/4	NBA Premium TV	TV		○
6983	SES 7	108.2	11568	H	20000	3/4	Fox Sports 3 Asia	TV		○
6984	SES 7	108.2	11568	H	20000	3/4	National Geographic Channel HD Asia	TV		○
6985	SES 7	108.2	11568	H	20000	3/4	Fox Movies Premium HD	TV		○
6986	SES 7	108.2	11568	H	20000	3/4	HBO HD Asia	TV		○
6987	SES 7	108.2	11568	H	20000	3/4	Star World HD Philippines	TV		○
6988	SES 7	108.2	11598	V	20000	3/4	CTV (Taiwan)	TV		○
6989	SES 7	108.2	11598	V	20000	3/4	CTS (Taiwan)	TV		○
6990	SES 7	108.2	11598	V	20000	3/4	Haari TV	TV		○
6991	SES 7	108.2	11598	V	20000	3/4	Global News	TV		○
6992	SES 7	108.2	11598	V	20000	3/4	TVBS Entertainment Channel	TV		○
6993	SES 7	108.2	11598	V	20000	3/4	Damai TV	TV		○
6994	SES 7	108.2	11598	V	20000	3/4	Haari Drama	TV		○
6995	SES 7	108.2	11598	V	20000	3/4	Haari Movie	TV		○
6996	SES 7	108.2	11598	V	20000	3/4	Haari Variety	TV		○
6997	SES 7	108.2	11598	H	20000	2/3	Fox Sports 2 Asia	TV		○
6998	SES 7	108.2	11598	H	20000	2/3	Fox Sports Philippines	TV		○
6999	SES 7	108.2	11598	H	20000	2/3	Net 25	TV		○
7000	SES 7	108.2	11598	H	20000	2/3	Sony Channel Philippines	TV		○
7001	SES 7	108.2	11598	H	20000	2/3	Fox Sports News Asia	TV		○
7002	SES 7	108.2	11598	H	20000	2/3	Fox Philippines	TV		○
7003	SES 7	108.2	11598	H	20000	2/3	Disney Junior Asia	TV		○
7004	SES 7	108.2	11598	H	20000	2/3	CNBC Asia-Pacific	TV		○
7005	SES 7	108.2	11598	H	20000	2/3	Discovery Channel Philippines	TV		○
7006	SES 7	108.2	11598	H	20000	2/3	Fox Family Movies	TV		○
7007	SES 7	108.2	11598	H	20000	2/3	Solar Sports	TV		○
7008	SES 7	108.2	11598	H	20000	2/3	Screen Red	TV		○
7009	SES 7	108.2	11598	H	20000	2/3	Warner TV Asia	TV		○
7010	SES 7	108.2	11598	H	20000	2/3	Nickelodeon Philippines	TV		○
7011	SES 7	108.2	11598	H	20000	2/3	E! Philippines	TV		○
7012	SES 7	108.2	11598	H	20000	2/3	Nat Geo Wild Asia	TV		○
7013	SES 7	108.2	11598	H	20000	2/3	Star Chinese Channel	TV		○
7014	SES 7	108.2	11598	H	20000	2/3	Fox News Channel	TV		○
7015	SES 7	108.2	11598	H	20000	2/3	NHK World TV	TV		○
7016	SES 7	108.2	11598	H	20000	2/3	Tru TV Asia	TV		○
7017	SES 7	108.2	11598	H	20000	2/3	2nd Avenue	TV		○
7018	SES 7	108.2	11598	H	20000	2/3	Bloomberg TV Asia	TV		○
7019	SES 7	108.2	11598	H	20000	2/3	Australia Plus TV Asia	TV		○
7020	SES 7	108.2	11598	H	20000	2/3	Syfy Universal HD Asia	TV		○
7021	SES 7	108.2	11598	H	20000	2/3	Colours	TV		○
7022	SES 7	108.2	11600	V	30000	3/4	Enterr 10	TV		○
7023	SES 7	108.2	11600	V	30000	3/4	Chutti TV	TV		○
7024	SES 7	108.2	11600	V	30000	3/4	Neo Sports	TV		○
7025	SES 7	108.2	11600	V	30000	3/4	Gemini Music	TV		○
7026	SES 7	108.2	11600	V	30000	3/4	NTV (India)	TV		○
7027	SES 7	108.2	11600	V	30000	3/4	Amrita TV	TV		○
7028	SES 7	108.2	11600	V	30000	3/4	News Live	TV		○
7029	SES 7	108.2	11600	V	30000	3/4	Jaya Max	TV		○
7030	SES 7	108.2	11600	V	30000	3/4	Raj TV	TV		○
7031	SES 7	108.2	11600	V	30000	3/4	Zee Studio	TV		○
7032	SES 7	108.2	11600	V	30000	3/4	Zee 24 Ghanta	TV		○
7033	SES 7	108.2	11600	V	30000	3/4	ABP Majha	TV		○
7034	SES 7	108.2	11600	V	30000	3/4	IBN Lokmat	TV		○
7035	SES 7	108.2	11600	V	30000	3/4	TV 9 Karnataka	TV		○
7036	SES 7	108.2	11600	V	30000	3/4	Manorama News South	TV		○
7037	SES 7	108.2	11600	V	30000	3/4	Zee Punjabi	TV		○
7038	SES 7	108.2	11600	V	30000	3/4	TV 9 Gujarat	TV		○
7039	SES 7	108.2	11600	V	30000	3/4	Odisha TV	TV		○
7040	SES 7	108.2	11600	V	30000	3/4	NDTV India	TV		○
7041	SES 7	108.2	11600	V	30000	3/4	CNN-IBN	TV		○
7042	SES 7	108.2	11600	V	30000	3/4	India Today	TV		○
7043	SES 7	108.2	11600	V	30000	3/4	B4U Music India	TV		○
7044	SES 7	108.2	11600	V	30000	3/4	Gemini Comedy	TV		○
7045	SES 7	108.2	11600	V	30000	3/4	Rupasi Bangla	TV		○

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
7046	SES 7	108.2	11600	V	30000	3/4	Udaya Movies	TV		O
7047	SES 7	108.2	11600	V	30000	3/4	Colors Odia	TV		O
7048	SES 7	108.2	11600	V	30000	3/4	News 24 (India)	TV		O
7049	SES 7	108.2	11600	V	30000	3/4	ETV Bihar Jharkhand	TV		O
7050	SES 7	108.2	11600	V	30000	3/4	PTC Punjabi	TV		O
7051	SES 7	108.2	11600	V	30000	3/4	SET India	TV		O
7052	SES 7	108.2	11600	H	30000	3/4	BBC Entertainment India	TV		O
7053	SES 7	108.2	11600	H	30000	3/4	Star Gold Hitz	TV		O
7054	SES 7	108.2	11600	H	30000	3/4	Superhitz	TV		O
7055	SES 7	108.2	11600	H	30000	3/4	Movies Now	TV		O
7056	SES 7	108.2	11600	H	30000	3/4	Day & Night News	TV		O
7057	SES 7	108.2	11600	H	30000	3/4	India News	TV		O
7058	SES 7	108.2	11600	H	30000	3/4	Live India	TV		O
7059	SES 7	108.2	11600	H	30000	3/4	Food Food	TV		O
7060	SES 7	108.2	11600	H	30000	3/4	Discovery Science Channel India	TV		O
7061	SES 7	108.2	11600	H	30000	3/4	Discovery Turbo India	TV		O
7062	SES 7	108.2	11600	H	30000	3/4	IExam	TV		O
7063	SES 7	108.2	11600	H	30000	3/4	CBeebies Asia	TV		O
7064	SES 7	108.2	11600	H	30000	3/4	E 24	TV		O
7065	SES 7	108.2	11600	H	30000	3/4	Sony Mix	TV		O
7066	SES 7	108.2	11600	H	30000	3/4	Captain TV	TV		O
7067	SES 7	108.2	11600	H	30000	3/4	Vasanth TV	TV		O
7068	SES 7	108.2	11600	H	30000	3/4	TV 5 News	TV		O
7069	SES 7	108.2	11600	H	30000	3/4	Udaya Comedy	TV		O
7070	SES 7	108.2	11600	H	30000	3/4	Asianet Suvarna	TV		O
7071	SES 7	108.2	11600	H	30000	3/4	IKidsworld	TV		O
7072	SES 7	108.2	11600	H	30000	3/4	Paras TV Channel	TV		O
7073	SES 7	108.2	11600	H	30000	3/4	Sadhna TV	TV		O
7074	SES 7	108.2	11600	H	30000	3/4	Bhakthi TV	TV		O
7075	SES 7	108.2	11600	H	30000	3/4	Airtel Movies 3	TV		O
7076	SES 7	108.2	11600	H	30000	3/4	Maa Music	TV		O
7077	SES 7	108.2	11600	H	30000	3/4	Kolkata TV	TV		O
7078	SES 7	108.2	11600	H	30000	3/4	Telebrands India	TV		O
7079	SES 7	108.2	11600	H	30000	3/4	Airtel Recharge Info Channel	TV		O
7080	SES 7	108.2	11600	H	30000	3/4	News X	TV		O
7081	SES 7	108.2	11600	H	30000	3/4	Gamezone	TV		O
7082	SES 7	108.2	11627	H	20000	3/4	Universal Channel HD Asia	TV		O
7083	SES 7	108.2	11627	H	20000	3/4	Fox Crime HD Asia	TV		O
7084	SES 7	108.2	11627	H	20000	3/4	Cignal PPV HD	TV		O
7085	SES 7	108.2	11627	H	20000	3/4	Outdoor Channel International	TV		O
7086	SES 7	108.2	11627	H	20000	3/4	MTV Live HD	TV		O
7087	SES 7	108.2	11627	H	20000	3/4	Cartoon Network South East Asia	TV		O
7088	SES 7	108.2	11627	H	20000	3/4	CNN International Asia Pacific	TV		O
7089	SES 7	108.2	11627	H	20000	3/4	Fashion TV HD Asia	TV		O
7090	SES 7	108.2	11627	H	20000	3/4	History Philippines	TV		O
7091	SES 7	108.2	11627	H	20000	3/4	Disney XD Asia	TV		O
7092	SES 7	108.2	11640	V	30000	3/4	DD Bharati	TV		O
7093	SES 7	108.2	11640	V	30000	3/4	Lok Sabha TV	TV		O
7094	SES 7	108.2	11640	V	30000	3/4	Rajya Sabha TV	TV		O
7095	SES 7	108.2	11640	V	30000	3/4	Gyan Darshan 1	TV		O
7096	SES 7	108.2	11640	V	30000	3/4	Movies Now	TV		O
7097	SES 7	108.2	11640	V	30000	3/4	Discovery HD World India	TV		O
7098	SES 7	108.2	11640	V	30000	3/4	Star Plus HD India	TV		O
7099	SES 7	108.2	11640	V	30000	3/4	Colors	TV		O
7100	SES 7	108.2	11640	V	30000	3/4	Star World HD India	TV		O
7101	SES 7	108.2	11640	V	30000	3/4	Star Gold HD India	TV		O
7102	SES 7	108.2	11640	V	30000	3/4	Star Movies HD India	TV		O
7103	SES 7	108.2	11640	V	30000	3/4	Disha TV	TV		O
7104	SES 7	108.2	11640	V	30000	3/4	UTV Action Telugu	TV		O
7105	SES 7	108.2	11640	H	24000	3/4	Bindass Play	TV		O
7106	SES 7	108.2	11640	H	24000	3/4	Janasri News	TV		O
7107	SES 7	108.2	11640	H	24000	3/4	JTV Choice	TV		O
7108	SES 7	108.2	11640	H	24000	3/4	Zee TV HD	TV		O
7109	SES 7	108.2	11640	H	24000	3/4	Zee Premier	TV		O
7110	SES 7	108.2	11640	H	24000	3/4	Star Sports HD 2	TV		O
7111	SES 7	108.2	11640	H	24000	3/4	Sonic Gang	TV		O
7112	SES 7	108.2	11640	H	24000	3/4	Zee Salaam	TV		O
7113	SES 7	108.2	11640	H	24000	3/4	Frontier TV	TV		O
7114	SES 7	108.2	11640	H	24000	3/4	Dangal TV	TV		O
7115	SES 7	108.2	11640	H	24000	3/4	Zee Tamizh	TV		O
7116	SES 7	108.2	11640	H	24000	3/4	Movies OK	TV		O
7117	SES 7	108.2	11640	H	24000	3/4	Zee 24 Gantalu	TV		O
7118	SES 7	108.2	11640	H	24000	3/4	Cinema TV (India)	TV		O
7119	SES 7	108.2	11640	H	24000	3/4	STV Samachar	TV		O
7120	SES 7	108.2	11640	H	24000	3/4	Sarthak TV	TV		O
7121	SES 7	108.2	11640	H	24000	3/4	Asianet Movies	TV		O
7122	SES 7	108.2	11640	H	24000	3/4	Nat Geo Wild Asia	TV		O
7123	SES 7	108.2	11640	H	24000	3/4	Zee Action	TV		O
7124	SES 7	108.2	11656	H	18750	3/4	Cignal PPV SD	TV		O
7125	SES 7	108.2	11656	H	18750	3/4	Cartoon Network Philippines	TV		O
7126	SES 7	108.2	11656	H	18750	3/4	Disney Channel Philippines	TV		O
7127	SES 7	108.2	11656	H	18750	3/4	Channel M (South Korea)	TV		O
7128	SES 7	108.2	11656	H	18750	3/4	Al Jazeera English	TV		O
7129	SES 7	108.2	11656	H	18750	3/4	Colours	TV		O
7130	SES 7	108.2	11656	H	18750	3/4	CNN International Asia Pacific	TV		O
7131	SES 7	108.2	11656	H	18750	3/4	Hyper	TV		O
7132	SES 7	108.2	11656	H	18750	3/4	HBO Asia	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
7133	SES 7	108.2	11656	H	18750	3/4	Channel NewsAsia	TV		O
7134	SES 7	108.2	11656	H	18750	3/4	Toonami	TV		O
7135	SES 7	108.2	11656	H	18750	3/4	TeleAsia Filipino	TV		O
7136	SES 7	108.2	11680	V	30000	3/4	Sony SAB TV Asia	TV		O
7137	SES 7	108.2	11680	V	30000	3/4	UTV World Movies	TV		O
7138	SES 7	108.2	11680	V	30000	3/4	CNN International South Asia	TV		O
7139	SES 7	108.2	11680	V	30000	3/4	Subhavaartha TV	TV		O
7140	SES 7	108.2	11680	V	30000	3/4	DD Odia	TV		O
7141	SES 7	108.2	11680	V	30000	3/4	Shalom TV India	TV		O
7142	SES 7	108.2	11680	V	30000	3/4	Sony Pix	TV		O
7143	SES 7	108.2	11680	V	30000	3/4	MGM Channel India	TV		O
7144	SES 7	108.2	11680	V	30000	3/4	India TV (India)	TV		O
7145	SES 7	108.2	11680	V	30000	3/4	DD News	TV		O
7146	SES 7	108.2	11680	V	30000	3/4	BBC World News South Asia	TV		O
7147	SES 7	108.2	11680	V	30000	3/4	TLC India	TV		O
7148	SES 7	108.2	11680	V	30000	3/4	NDTV Good Times	TV		O
7149	SES 7	108.2	11680	V	30000	3/4	DD Malayalam	TV		O
7150	SES 7	108.2	11680	V	30000	3/4	God TV Asia	TV		O
7151	SES 7	108.2	11680	V	30000	3/4	ETV Uttar Pradesh Uttarakhand	TV		O
7152	SES 7	108.2	11680	V	30000	3/4	Fox Life India	TV		O
7153	SES 7	108.2	11680	V	30000	3/4	DD Urdu	TV		O
7154	SES 7	108.2	11680	V	30000	3/4	Zee News	TV		O
7155	SES 7	108.2	11680	V	30000	3/4	Zee Business	TV		O
7156	SES 7	108.2	11680	V	30000	3/4	Taaza TV	TV		O
7157	SES 7	108.2	11680	V	30000	3/4	Bloomberg TV India	TV		O
7158	SES 7	108.2	11680	V	30000	3/4	Z ETC Bollywood	TV		O
7159	SES 7	108.2	11680	V	30000	3/4	VH1 India	TV		O
7160	SES 7	108.2	11680	V	30000	3/4	DD Bangla	TV		O
7161	SES 7	108.2	11680	V	30000	3/4	Udaya News	TV		O
7162	SES 7	108.2	11680	V	30000	3/4	DD Punjabi	TV		O
7163	SES 7	108.2	11680	V	30000	3/4	DD North-East	TV		O
7164	SES 7	108.2	11680	V	30000	3/4	Angel TV India	TV		O
7165	SES 7	108.2	11680	V	30000	3/4	ETV Madhya Pradesh Chattisgarh	TV		O
7166	SES 7	108.2	11680	V	30000	3/4	DD Podhigai	TV		O
7167	SES 7	108.2	11680	V	30000	3/4	DD Sahyadri	TV		O
7168	SES 7	108.2	11680	V	30000	3/4	DD Chandana	TV		O
7169	SES 7	108.2	11680	V	30000	3/4	DD Kashmir	TV		O
7170	SES 7	108.2	11680	V	30000	3/4	DD Saptagiri	TV		O
7171	SES 7	108.2	11680	V	30000	3/4	Jaihind TV	TV		O
7172	SES 7	108.2	11680	V	30000	3/4	Zee Sangam	TV		O
7173	SES 7	108.2	11685	H	18750	3/4	ABS-CBN Channel 2	TV		O
7174	SES 7	108.2	11685	H	18750	3/4	People's TV	TV		O
7175	SES 7	108.2	11685	H	18750	3/4	TV 5 (Philippines)	TV		O
7176	SES 7	108.2	11685	H	18750	3/4	GMA 7	TV		O
7177	SES 7	108.2	11685	H	18750	3/4	ETC (Philippines)	TV		O
7178	SES 7	108.2	11685	H	18750	3/4	GMA News TV	TV		O
7179	SES 7	108.2	11685	H	18750	3/4	IBC 13	TV		O
7180	SES 7	108.2	11685	H	18750	3/4	CNN Philippines	TV		O
7181	SES 7	108.2	11685	H	18750	3/4	ABS-CBN Sports+Action	TV		O
7182	SES 7	108.2	11685	H	18750	3/4	Cignal PPV 2 SD	TV		O
7183	SES 7	108.2	11685	H	18750	3/4	Aksyon TV	TV		O
7184	SES 7	108.2	11685	H	18750	3/4	Living Asia Channel	TV		O
7185	SES 7	108.2	11685	H	18750	3/4	DZRH	R		O
7186	SES 7	108.2	11685	H	18750	3/4	Love Radio 90.7 Manila	R		O
7187	SES 7	108.2	11685	H	18750	3/4	Yes! FM Manila	R		O
7188	SES 7	108.2	11685	H	18750	3/4	Magic 89.9	R		O
7189	SES 7	108.2	11685	H	18750	3/4	99.5 RT	R		O
7190	SES 7	108.2	11685	H	18750	3/4	Radyo Singko	R		O
7191	SES 7	108.2	11685	H	18750	3/4	GV 99.1	R		O
7192	SES 7	108.2	11685	H	18750	3/4	Star FM Manila	R		O
7193	SES 7	108.2	11685	H	18750	3/4	IFM Manila	R		O
7194	SES 7	108.2	11685	H	18750	3/4	RMN News AM	R		O
7195	TELKOM 1	108.2	3483	V	3000	3/4	TV Mu	TV		O
7196	TELKOM 1	108.2	3552	H	3100	3/4	TV 9 Nusantara	TV		O
7197	TELKOM 1	108.2	3580	H	30000	3/4	FX Asia	TV		O
7198	TELKOM 1	108.2	3580	H	30000	3/4	TV Edukasi	TV		O
7199	TELKOM 1	108.2	3580	H	30000	3/4	Al Jazeera English	TV		O
7200	TELKOM 1	108.2	3580	H	30000	3/4	Australia Plus TV Asia	TV		O
7201	TELKOM 1	108.2	3580	H	30000	3/4	T Music	TV		O
7202	TELKOM 1	108.2	3580	H	30000	3/4	NHK World Premium	TV		O
7203	TELKOM 1	108.2	3580	H	30000	3/4	Berita Satu News Channel	TV		O
7204	TELKOM 1	108.2	3580	H	30000	3/4	Dunia Anak	TV		O
7205	TELKOM 1	108.2	3580	H	30000	3/4	HBO Family Asia	TV		O
7206	TELKOM 1	108.2	3580	H	30000	3/4	HBO Hits	TV		O
7207	TELKOM 1	108.2	3580	H	30000	3/4	Bloomberg TV Asia	TV		O
7208	TELKOM 1	108.2	3580	H	30000	3/4	KBS World Indonesia	TV		O
7209	TELKOM 1	108.2	3580	H	30000	3/4	Nickelodeon Indonesia	TV		O
7210	TELKOM 1	108.2	3580	H	30000	3/4	Nick Jr Asia	TV		O
7211	TELKOM 1	108.2	3580	H	30000	3/4	Da Vinci Learning Asia	TV		O
7212	TELKOM 1	108.2	3580	H	30000	3/4	Toonami	TV		O
7213	TELKOM 1	108.2	3580	H	30000	3/4	FYI Asia	TV		O
7214	TELKOM 1	108.2	3580	H	30000	3/4	History Asia	TV		O
7215	TELKOM 1	108.2	3580	H	30000	3/4	Jelita	TV		O
7216	TELKOM 1	108.2	3580	H	30000	3/4	Thrill	TV		O
7217	TELKOM 1	108.2	3580	H	30000	3/4	Kix	TV		O
7218	TELKOM 1	108.2	3580	H	30000	3/4	Fight Sports	TV		O
7219	TELKOM 1	108.2	3580	H	30000	3/4	Universal Channel Asia	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
7220	TELKOM 1	108.2	3580	H	30000	3/4	Sony Channel Asia	TV		O
7221	TELKOM 1	108.2	3580	H	30000	3/4	MTV South East Asia	TV		O
7222	TELKOM 1	108.2	3580	H	30000	3/4	France 24 English	TV		O
7223	TELKOM 1	108.2	3580	H	30000	3/4	Outdoor Channel International	TV		O
7224	TELKOM 1	108.2	3580	H	30000	3/4	Beln Sports 2 Indonesia	TV		O
7225	TELKOM 1	108.2	3580	H	30000	3/4	Fashion TV Asia	TV		O
7226	TELKOM 1	108.2	3580	H	30000	3/4	Fox Family Movies	TV		O
7227	TELKOM 1	108.2	3580	H	30000	3/4	Beln Sports 1 Indonesia	TV		O
7228	TELKOM 1	108.2	3580	H	30000	3/4	BabyFirst TV	TV		O
7229	TELKOM 1	108.2	3600	V	30000	3/4	Fox Sports Indonesia	TV		O
7230	TELKOM 1	108.2	3600	V	30000	3/4	Fox Sports 2 Indonesia	TV		O
7231	TELKOM 1	108.2	3600	V	30000	3/4	Channel V International	TV		O
7232	TELKOM 1	108.2	3600	V	30000	3/4	Trans TV	TV		O
7233	TELKOM 1	108.2	3600	V	30000	3/4	TVOne	TV		O
7234	TELKOM 1	108.2	3600	V	30000	3/4	Trans 7	TV		O
7235	TELKOM 1	108.2	3600	V	30000	3/4	TVRI Nasional	TV		O
7236	TELKOM 1	108.2	3600	V	30000	3/4	MNC TV	TV		O
7237	TELKOM 1	108.2	3600	V	30000	3/4	Arena	TV		O
7238	TELKOM 1	108.2	3600	V	30000	3/4	Male	TV		O
7239	TELKOM 1	108.2	3600	V	30000	3/4	Dunia Lain	TV		O
7240	TELKOM 1	108.2	3600	V	30000	3/4	Eat & Go	TV		O
7241	TELKOM 1	108.2	3600	V	30000	3/4	Insert	TV		O
7242	TELKOM 1	108.2	3600	V	30000	3/4	Showcase (Indonesia)	TV		O
7243	TELKOM 1	108.2	3600	V	30000	3/4	Comedy Central Asia	TV		O
7244	TELKOM 1	108.2	3600	V	30000	3/4	Bloomberg TV Indonesia	TV		O
7245	TELKOM 1	108.2	3600	V	30000	3/4	Diva Asia	TV		O
7246	TELKOM 1	108.2	3600	V	30000	3/4	Disney Channel Indonesia	TV		O
7247	TELKOM 1	108.2	3600	V	30000	3/4	E! Asia & Pacific	TV		O
7248	TELKOM 1	108.2	3600	V	30000	3/4	AXN Indonesia	TV		O
7249	TELKOM 1	108.2	3600	V	30000	3/4	English Club TV	TV		O
7250	TELKOM 1	108.2	3600	V	30000	3/4	Rajawali TV	TV		O
7251	TELKOM 1	108.2	3600	V	30000	3/4	Celestial Movies Indonesia	TV		O
7252	TELKOM 1	108.2	3600	V	30000	3/4	Animax East Asia	TV		O
7253	TELKOM 1	108.2	3600	V	30000	3/4	HBO Signature Asia	TV		O
7254	TELKOM 1	108.2	3600	V	30000	3/4	HBO Asia	TV		O
7255	TELKOM 1	108.2	3600	V	30000	3/4	Cinemax Asia	TV		O
7256	TELKOM 1	108.2	3600	V	30000	3/4	Fox Movies Premium	TV		O
7257	TELKOM 1	108.2	3600	V	30000	3/4	Star World Asia	TV		O
7258	TELKOM 1	108.2	3600	V	30000	3/4	Quran TV (Saudi Arabia)	TV		O
7259	TELKOM 1	108.2	3600	V	30000	3/4	Alif TV	TV		O
7260	TELKOM 1	108.2	3620	H	30000	3/4	Nat Geo Wild HD Asia	TV		O
7261	TELKOM 1	108.2	3620	H	30000	3/4	Fox Movies Premium HD	TV		O
7262	TELKOM 1	108.2	3620	H	30000	3/4	Fox Sports 3 Asia	TV		O
7263	TELKOM 1	108.2	3620	H	30000	3/4	Beln Sports 3 Premier League	TV		O
7264	TELKOM 1	108.2	3620	H	30000	3/4	HBO Hits	TV		O
7265	TELKOM 1	108.2	3620	H	30000	3/4	HBO HD Asia	TV		O
7266	TELKOM 1	108.2	3620	H	30000	3/4	RCTI	TV		O
7267	TELKOM 1	108.2	3620	H	30000	3/4	Metro TV (Indonesia)	TV		O
7268	TELKOM 1	108.2	3620	H	30000	3/4	Indosiar	TV		O
7269	TELKOM 1	108.2	3620	H	30000	3/4	Global TV (Indonesia)	TV		O
7270	TELKOM 1	108.2	3620	H	30000	3/4	SCTV (Indonesia)	TV		O
7271	TELKOM 1	108.2	3620	H	30000	3/4	Kompas TV	TV		O
7272	TELKOM 1	108.2	3620	H	30000	3/4	ANTV (Indonesia)	TV		O
7273	TELKOM 1	108.2	3620	H	30000	3/4	Fox Crime Asia	TV		O
7274	TELKOM 1	108.2	3620	H	30000	3/4	Fox Indonesia	TV		O
7275	TELKOM 1	108.2	3620	H	30000	3/4	Nat Geo People Asia	TV		O
7276	TELKOM 1	108.2	3620	H	30000	3/4	AMC Asia	TV		O
7277	TELKOM 1	108.2	3620	H	30000	3/4	BeTV Asia	TV		O
7278	TELKOM 1	108.2	3620	H	30000	3/4	Disney Junior Indonesia	TV		O
7279	TELKOM 1	108.2	3620	H	30000	3/4	Jendela promo	TV		O
7280	TELKOM 1	108.2	3640	V	30000	3/4	Cartoon Network Asia	TV		O
7281	TELKOM 1	108.2	3640	V	30000	3/4	AniPlus HD	TV		O
7282	TELKOM 1	108.2	3640	V	30000	3/4	WakuWaku Japan	TV		O
7283	TELKOM 1	108.2	3640	V	30000	3/4	Lifetime Asia	TV		O
7284	TELKOM 1	108.2	3640	V	30000	3/4	TV Anak Space Toon Plus	TV		O
7285	TELKOM 1	108.2	3640	V	30000	3/4	Channel M (South Korea)	TV		O
7286	TELKOM 1	108.2	3640	V	30000	3/4	DW	TV		O
7287	TELKOM 1	108.2	3640	V	30000	3/4	Star Chinese Movies South East Asia	TV		O
7288	TELKOM 1	108.2	3640	V	30000	3/4	Star Chinese Movies Legend	TV		O
7289	TELKOM 1	108.2	3640	V	30000	3/4	Arirang World	TV		O
7290	TELKOM 1	108.2	3640	V	30000	3/4	National Geographic Channel Asia	TV		O
7291	TELKOM 1	108.2	3640	V	30000	3/4	Nat Geo Wild Asia	TV		O
7292	TELKOM 1	108.2	3640	V	30000	3/4	CNBC Asia-Pacific	TV		O
7293	TELKOM 1	108.2	3640	V	30000	3/4	EuroNews	TV		O
7294	TELKOM 1	108.2	3640	V	30000	3/4	Fox Sports 3 Asia	TV		O
7295	TELKOM 1	108.2	3640	V	30000	3/4	Star Chinese Channel	TV		O
7296	TELKOM 1	108.2	3640	V	30000	3/4	Fox Sports News Asia	TV		O
7297	TELKOM 1	108.2	3640	V	30000	3/4	Beln Sports 3 Premier League	TV		O
7298	TELKOM 1	108.2	3640	V	30000	3/4	Da Ai TV Indonesia	TV		O
7299	TELKOM 1	108.2	3640	V	30000	3/4	Zee Bioskop	TV		O
7300	TELKOM 1	108.2	3640	V	30000	3/4	Fox Action Movies	TV		O
7301	TELKOM 1	108.2	3640	V	30000	3/4	CNN International Asia Pacific	TV		O
7302	TELKOM 1	108.2	3640	V	30000	3/4	Boomerang Asia	TV		O
7303	TELKOM 1	108.2	3640	V	30000	3/4	Channel NewsAsia	TV		O
7304	TELKOM 1	108.2	3640	V	30000	3/4	Ginx TV	TV		O
7305	TELKOM 1	108.2	3640	V	30000	3/4	Life Inspired	TV		O
7306	TELKOM 1	108.2	3640	V	30000	3/4	Khazanah	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
7307	TELKOM 1	108.2	3640	V	30000	3/4	Bioskop Indonesia	TV		O
7308	TELKOM 1	108.2	3640	V	30000	3/4	Tahan Tawa	TV		O
7309	TELKOM 1	108.2	3640	V	30000	3/4	TV 5 Monde Asia	TV		O
7310	TELKOM 1	108.2	3722	H	3333	3/4	Bunayya TV	TV		O
7311	TELKOM 1	108.2	3722	H	3333	3/4	Islam Channel (Indonesia)	TV		O
7312	TELKOM 1	108.2	3722	H	3333	3/4	Hang TV	TV		O
7313	TELKOM 1	108.2	3722	H	3333	3/4	Hang FM	R		O
7314	TELKOM 1	108.2	3732	H	4160	3/4	TV Anak Space Toon	TV		O
7315	TELKOM 1	108.2	3732	H	4160	3/4	TV Anak Space Toon 2	TV		O
7316	TELKOM 1	108.2	3735	H	1200	3/4	HCBN Indonesia	TV		O
7317	TELKOM 1	108.2	3745	H	3000	3/4	TVRI Jambi	TV		O
7318	TELKOM 1	108.2	3776	H	4280	3/4	TV Timor Leste	TV		O
7319	TELKOM 1	108.2	3776	H	4280	3/4	Radio Timor Leste	R		O
7320	TELKOM 1	108.2	3785	H	6750	3/4	TV Edukasi	TV		O
7321	TELKOM 1	108.2	3793	H	3000	3/4	TV Mui (05-19)	TV		O
7322	TELKOM 1	108.2	3797	H	3905	3/4	TVRI Papua (15-18)	TV		O
7323	TELKOM 1	108.2	3802	H	3000	7/8	TVRI Kalteng	TV		O
7324	TELKOM 1	108.2	3809	H	4000	3/4	TV Edukasi 2	TV		O
7325	TELKOM 1	108.2	3812	H	3000	3/4	Jaya TV (Indonesia)	TV		O
7326	TELKOM 1	108.2	3817	H	3000	3/4	TVRI Kalimantan Timur	TV		O
7327	TELKOM 1	108.2	3830	H	3000	3/4	Hope Channel Indonesia	TV		O
7328	TELKOM 1	108.2	3895	H	2500	3/4	Ummat TV	TV		O
7329	TELKOM 1	108.2	3913	H	2400	3/4	Voice of Indonesia	TV		O
7330	TELKOM 1	108.2	3913	H	2400	3/4	RRI Pro 1 Mataram	TV		O
7331	TELKOM 1	108.2	3913	H	2400	3/4	RRI Pro 1 Padang	TV		O
7332	TELKOM 1	108.2	3916	H	3330	3/4	Dakwah Channel	TV		O
7333	TELKOM 1	108.2	3916	H	3330	3/4	Pasien TV	TV		O
7334	TELKOM 1	108.2	3920	H	3000	3/4	MTA TV	TV		O
7335	TELKOM 1	108.2	3920	H	3000	3/4	RTA FM	R		O
7336	TELKOM 1	108.2	3947	H	1500	3/4	Rasil TV	TV		O
7337	TELKOM 1	108.2	3971	H	2100	3/4	KBS World Indonesia	TV		O
7338	TELKOM 1	108.2	3981	V	1235	3/4	RRI Pro 1 Surabaya	TV		O
7339	TELKOM 1	108.2	3981	V	1235	3/4	RRI Pro 1 Pontianak	TV		O
7340	TELKOM 1	108.2	3981	V	1235	3/4	RRI Pro 1 Samarinda	TV		O
7341	TELKOM 1	108.2	3981	V	1235	3/4	RRI Pro 1 Kupang	TV		O
7342	TELKOM 1	108.2	3990	H	6000	3/4	Trans 7	TV		O
7343	TELKOM 1	108.2	4014	H	6000	3/4	ANTV (Indonesia)	TV		O
7344	TELKOM 1	108.2	4080	H	3100	3/4	Papua Barat TV	TV		O
7345	TELKOM 1	108.2	4086	H	6000	3/4	Trans TV	TV		O
7346	TELKOM 1	108.2	4092	H	3570	3/4	TV Mandiri Papua	TV		O
7347	TELKOM 1	108.2	4097	H	3125	3/4	JTV (Indonesia)	TV		O
7348	TELKOM 1	108.2	4097	H	3125	3/4	Suara Surabaya FM 100	R		O
7349	TELKOM 1	108.2	4130	V	2100	3/4	RRI Pro 1 Palembang	R		O
7350	TELKOM 1	108.2	4130	V	2100	3/4	RRI Pro 1 Jakarta	R		O
7351	TELKOM 1	108.2	4130	V	2100	3/4	RRI Pro 3	R		O
7352	TELKOM 1	108.2	4130	V	2100	3/4	RRI Pro 4 Jakarta	R		O
7353	TELKOM 1	108.2	4130	V	2100	3/4	RRI Pro 2 Jakarta	R		O
7354	TELKOM 1	108.2	4130	V	2100	3/4	RRI Pro 1 Bandung	R		O
7355	BSAT 3A	109.85	11727	CR	28860	2/3	BS Asahi	TV		O
7356	BSAT 3A	109.85	11727	CR	28860	2/3	BS-TBS	TV		O
7357	BSAT 3A	109.85	11766	CR	28860	2/3	BS Japan	TV		O
7358	BSAT 3A	109.85	11766	CR	28860	2/3	Wowow Prime	TV		O
7359	BSAT 3A	109.85	11881	CR	28860	2/3	Star Channel 1	TV		O
7360	BSAT 3A	109.85	11881	CR	28860	2/3	BS 11	TV		O
7361	BSAT 3A	109.85	11881	CR	28860	2/3	BS TwellV	TV		O
7362	BSAT 3A	109.85	11958	CR	28860	2/3	BS NTV	TV		O
7363	BSAT 3A	109.85	11958	CR	28860	2/3	BS Fuji	TV		O
7364	BSAT 3A	109.85	11996	CR	28860	2/3	NHK BS 1	TV		O
7365	BSAT 3A	109.85	11996	CR	28860	2/3	NHK BS Premium	TV		O
7366	BSAT 3A	109.85	12034	CR	28860	2/3	NHK General TV	TV		O
7367	BSAT 3A	109.85	12034	CR	28860	2/3	NHK Educational TV	TV		O
7368	BSAT 3A	109.85	12034	CR	28860	2/3	NTV (Japan)	TV		O
7369	BSAT 3A	109.85	12034	CR	28860	2/3	TV Asahi	TV		O
7370	BSAT 3A	109.85	12034	CR	28860	2/3	TBS	TV		O
7371	BSAT 3A	109.85	12034	CR	28860	2/3	TV Tokyo	TV		O
7372	BSAT 3A	109.85	12034	CR	28860	2/3	Fuji TV	TV		O
7373	BSAT 3C	110	11084	CR	28860	2/3	Wowow Live	TV		O
7374	BSAT 3C	110	11084	CR	28860	2/3	Wowow Cinema	TV		O
7375	BSAT 3C	110	11843	CR	28860	2/3	Star Channel 2	TV		O
7376	BSAT 3C	110	11843	CR	28860	2/3	Star Channel 3	TV		O
7377	BSAT 3C	110	11843	CR	28860	2/3	Animax Japan	TV		O
7378	BSAT 3C	110	11843	CR	28860	2/3	Disney Channel Japan	TV		O
7379	BSAT 3C	110	11919	CR	28860	2/3	The Open University of Japan BS 1	TV		O
7380	BSAT 3C	110	11919	CR	28860	2/3	The Open University of Japan BS 2	TV		O
7381	BSAT 3C	110	11919	CR	28860	2/3	The Open University of Japan BS 3	TV		O
7382	BSAT 3C	110	11919	CR	28860	2/3	Fox BS 238	TV		O
7383	BSAT 3C	110	11919	CR	28860	2/3	BS Sky PerfectTV!	TV		O
7384	BSAT 3C	110	11919	CR	28860	2/3	The Open University of Japan Radio	TV		O
7385	BSAT 3C	110	12073	CR	28860	2/3	Agrinet (Mon-Thu 07-19 & Fri 07-13)	TV		O
7386	BSAT 3C	110	12073	CR	28860	2/3	Green Channel (Mon-Thu 19-02 & Fri 13-02 & Sat-Sun)	TV		O
7387	BSAT 3C	110	12073	CR	28860	2/3	J Sports 1	TV		O
7388	BSAT 3C	110	12073	CR	28860	2/3	J Sports 2	TV		O
7389	BSAT 3C	110	12111	CR	28860	2/3	J Sports 3	TV		O
7390	BSAT 3C	110	12111	CR	28860	2/3	J Sports 4	TV		O
7391	BSAT 3C	110	12111	CR	28860	2/3	Imagica BS	TV		O
7392	BSAT 3C	110	12149	CR	28860	2/3	Tsuri Vision	TV		O
7393	BSAT 3C	110	12149	CR	28860	2/3	Nihon Eiga Senmon Channel	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
7394	N-SAT 110	110	12291	CR	28860	2/3	TBS Channel 1	TV		O
7395	N-SAT 110	110	12291	CR	28860	2/3	TV Asahi Channel 1	TV		O
7396	N-SAT 110	110	12291	CR	28860	2/3	TV Asahi Channel 2	TV		O
7397	N-SAT 110	110	12331	CR	28860	2/3	Sky PerfectTV! e2 promo	TV		O
7398	N-SAT 110	110	12331	CR	28860	2/3	Channel Neco	TV		O
7399	N-SAT 110	110	12331	CR	28860	2/3	The Cinema	TV		O
7400	N-SAT 110	110	12331	CR	28860	2/3	Sky A Sports +	TV		O
7401	N-SAT 110	110	12331	CR	28860	2/3	The History Channel Japan	TV		O
7402	N-SAT 110	110	12331	CR	28860	2/3	Igo Shogi Channel	TV		O
7403	N-SAT 110	110	12371	CR	28860	2/3	Home Drama Channel	TV		O
7404	N-SAT 110	110	12371	CR	28860	2/3	MTV Japan	TV		O
7405	N-SAT 110	110	12371	CR	28860	2/3	Kayo Pops	TV		O
7406	N-SAT 110	110	12371	CR	28860	2/3	Discovery Channel Japan	TV		O
7407	N-SAT 110	110	12371	CR	28860	2/3	Animal Planet Japan	TV		O
7408	N-SAT 110	110	12371	CR	28860	2/3	CNN J	TV		O
7409	N-SAT 110	110	12411	CR	28860	2/3	Shop Channel	TV		O
7410	N-SAT 110	110	12411	CR	28860	2/3	Toei Channel	TV		O
7411	N-SAT 110	110	12411	CR	28860	2/3	Eisei Gekijo	TV		O
7412	N-SAT 110	110	12411	CR	28860	2/3	Music Air	TV		O
7413	N-SAT 110	110	12411	CR	28860	2/3	Disney Junior Japan	TV		O
7414	N-SAT 110	110	12491	CR	28860	2/3	Gaora Sports	TV		O
7415	N-SAT 110	110	12491	CR	28860	2/3	Music On! TV	TV		O
7416	N-SAT 110	110	12491	CR	28860	2/3	Kids Station	TV		O
7417	N-SAT 110	110	12531	CR	28860	2/3	Jidaigeki Senmon Channel	TV		O
7418	N-SAT 110	110	12531	CR	28860	2/3	Family Gekijyo	TV		O
7419	N-SAT 110	110	12531	CR	28860	2/3	Super! Drama TV	TV		O
7420	N-SAT 110	110	12571	CR	28860	2/3	Takarazuka Sky Stage	TV		O
7421	N-SAT 110	110	12571	CR	28860	2/3	Channel Ginga	TV		O
7422	N-SAT 110	110	12571	CR	28860	2/3	AXN Japan	TV		O
7423	N-SAT 110	110	12571	CR	28860	2/3	AT-X	TV		O
7424	N-SAT 110	110	12571	CR	28860	2/3	National Geographic Channel Japan	TV		O
7425	N-SAT 110	110	12571	CR	28860	2/3	BBC World News Asia Pacific	TV		O
7426	N-SAT 110	110	12611	CR	28860	2/3	Movie Plus	TV		O
7427	N-SAT 110	110	12611	CR	28860	2/3	Golf Network	TV		O
7428	N-SAT 110	110	12611	CR	28860	2/3	LaLa TV	TV		O
7429	N-SAT 110	110	12651	CR	28860	2/3	Fuji TV One	TV		O
7430	N-SAT 110	110	12651	CR	28860	2/3	Fuji TV Two	TV		O
7431	N-SAT 110	110	12651	CR	28860	2/3	Fuji TV Next	TV		O
7432	N-SAT 110	110	12691	CR	28860	2/3	QVC Japan	TV		O
7433	N-SAT 110	110	12691	CR	28860	2/3	TBS Channel 2	TV		O
7434	N-SAT 110	110	12691	CR	28860	2/3	Fox Japan	TV		O
7435	N-SAT 110	110	12691	CR	28860	2/3	Space Shower TV	TV		O
7436	N-SAT 110	110	12691	CR	28860	2/3	Cartoon Network Japan	TV		O
7437	N-SAT 110	110	12691	CR	28860	2/3	TBS News Bird	TV		O
7438	N-SAT 110	110	12731	CR	28860	2/3	Fox Movies Premium Japan	TV		O
7439	N-SAT 110	110	12731	CR	28860	2/3	NTV G+	TV		O
7440	N-SAT 110	110	12731	CR	28860	2/3	Nittele Plus	TV		O
7441	N-SAT 110	110	12731	CR	28860	2/3	Space Shower TV Plus	TV		O
7442	N-SAT 110	110	12731	CR	28860	2/3	NTV News 24	TV		O
7443	N-SAT 110	110	12731	CR	28860	2/3	Tabi Channel	TV		O
7444	CHINASAT 10	110.5	3698	V	2000	3/4	HKMG TV	TV		O
7445	CHINASAT 10	110.5	3728	V	4340	3/4	China Stock News	TV		O
7446	PALAPA D	113	3433	H	4383	5/6	Indomaret Channel	TV		O
7447	PALAPA D	113	3433	H	4383	5/6	Indomaret Channel +1	TV		O
7448	PALAPA D	113	3433	H	4383	5/6	Indomaret promo	TV		O
7449	PALAPA D	113	3460	H	29900	3/4	Matrix TV	TV		O
7450	PALAPA D	113	3460	H	29900	3/4	Rujak TV	TV		O
7451	PALAPA D	113	3460	H	29900	3/4	Fox Sports Indonesia	TV		O
7452	PALAPA D	113	3460	H	29900	3/4	Fox Sports 2 Indonesia	TV		O
7453	PALAPA D	113	3460	H	29900	3/4	Fox Sports 3 Asia	TV		O
7454	PALAPA D	113	3460	H	29900	3/4	Fox Movies Premium	TV		O
7455	PALAPA D	113	3460	H	29900	3/4	Fox Action Movies	TV		O
7456	PALAPA D	113	3460	H	29900	3/4	Fox Family Movies	TV		O
7457	PALAPA D	113	3460	H	29900	3/4	Celestial Movies Indonesia	TV		O
7458	PALAPA D	113	3460	H	29900	3/4	Zee Bioskop	TV		O
7459	PALAPA D	113	3460	H	29900	3/4	Fox Indonesia	TV		O
7460	PALAPA D	113	3460	H	29900	3/4	AMC Asia	TV		O
7461	PALAPA D	113	3460	H	29900	3/4	Kix	TV		O
7462	PALAPA D	113	3460	H	29900	3/4	Thrill	TV		O
7463	PALAPA D	113	3460	H	29900	3/4	Macau Lotus TV	TV		O
7464	PALAPA D	113	3460	H	29900	3/4	Nickelodeon Indonesia	TV		O
7465	PALAPA D	113	3460	H	29900	3/4	Nick Jr Asia	TV		O
7466	PALAPA D	113	3460	H	29900	3/4	Duck TV SD	TV		O
7467	PALAPA D	113	3460	H	29900	3/4	English Club TV	TV		O
7468	PALAPA D	113	3460	H	29900	3/4	National Geographic Channel Asia	TV		O
7469	PALAPA D	113	3460	H	29900	3/4	Nat Geo Wild Asia	TV		O
7470	PALAPA D	113	3460	H	29900	3/4	MTV South East Asia	TV		O
7471	PALAPA D	113	3460	H	29900	3/4	KBS World Indonesia	TV		O
7472	PALAPA D	113	3460	H	29900	3/4	Channel M	TV		O
7473	PALAPA D	113	3460	H	29900	3/4	Asian Food Channel	TV		O
7474	PALAPA D	113	3460	H	29900	3/4	Comedy Central Asia	TV		O
7475	PALAPA D	113	3460	H	29900	3/4	Star World Asia	TV		O
7476	PALAPA D	113	3460	H	29900	3/4	Al Jazeera English	TV		O
7477	PALAPA D	113	3460	H	29900	3/4	Airrang World	TV		O
7478	PALAPA D	113	3460	H	29900	3/4	MTV Taiwan	TV		O
7479	PALAPA D	113	3460	H	29900	3/4	Matrix Sports 1	TV		O
7480	PALAPA D	113	3460	H	29900	3/4	Matrix Sports 2	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
7481	PALAPA D	113	3460	H	29900	3/4	Quran TV (Saudi Arabia)	TV		O
7482	PALAPA D	113	3460	H	29900	3/4	Sunna TV (Saudi Arabia)	TV		O
7483	PALAPA D	113	3460	H	29900	3/4	Share	TV		O
7484	PALAPA D	113	3460	H	29900	3/4	Pentas Film Indonesia	TV		O
7485	PALAPA D	113	3575	V	6363	7/8	N3 Channel	TV		O
7486	PALAPA D	113	3575	V	6363	7/8	Share	TV		O
7487	PALAPA D	113	3600	V	31000	2/3	On Channel	TV		O
7488	PALAPA D	113	3600	V	31000	2/3	Fox Indonesia	TV		O
7489	PALAPA D	113	3600	V	31000	2/3	Star World Asia	TV		O
7490	PALAPA D	113	3600	V	31000	2/3	Channel M	TV		O
7491	PALAPA D	113	3600	V	31000	2/3	AXN Indonesia	TV		O
7492	PALAPA D	113	3600	V	31000	2/3	Kix	TV		O
7493	PALAPA D	113	3600	V	31000	2/3	Fox Movies Premium	TV		O
7494	PALAPA D	113	3600	V	31000	2/3	Fox Action Movies	TV		O
7495	PALAPA D	113	3600	V	31000	2/3	Fox Family Movies	TV		O
7496	PALAPA D	113	3600	V	31000	2/3	Pelangi (Indonesia)	TV		O
7497	PALAPA D	113	3600	V	31000	2/3	Zee Bioskop	TV		O
7498	PALAPA D	113	3600	V	31000	2/3	Celestial Movies Indonesia	TV		O
7499	PALAPA D	113	3600	V	31000	2/3	Disney Channel Indonesia	TV		O
7500	PALAPA D	113	3600	V	31000	2/3	Disney Junior Indonesia	TV		O
7501	PALAPA D	113	3600	V	31000	2/3	TV Anak Space Toon Plus	TV		O
7502	PALAPA D	113	3600	V	31000	2/3	Cartoon Network Asia	TV		O
7503	PALAPA D	113	3600	V	31000	2/3	Kompas TV	TV		O
7504	PALAPA D	113	3600	V	31000	2/3	Nat Geo Wild Asia	TV		O
7505	PALAPA D	113	3600	V	31000	2/3	National Geographic Channel Asia	TV		O
7506	PALAPA D	113	3600	V	31000	2/3	Pop Channel	TV		O
7507	PALAPA D	113	3600	V	31000	2/3	Bola Indonesia	TV		O
7508	PALAPA D	113	3600	V	31000	2/3	BeIn Sports 1 Indonesia	TV		O
7509	PALAPA D	113	3600	V	31000	2/3	BeIn Sports 2 Indonesia	TV		O
7510	PALAPA D	113	3600	V	31000	2/3	Fox Sports 2 Indonesia	TV		O
7511	PALAPA D	113	3600	V	31000	2/3	Fox Sports Indonesia	TV		O
7512	PALAPA D	113	3600	V	31000	2/3	MD Channel	TV		O
7513	PALAPA D	113	3600	V	31000	2/3	RTL CBS Entertainment	TV		O
7514	PALAPA D	113	3600	V	31000	2/3	K+	TV		O
7515	PALAPA D	113	3600	V	31000	2/3	RTL CBS Extreme	TV		O
7516	PALAPA D	113	3628	H	17985	2/3	Rodja TV	TV		O
7517	PALAPA D	113	3628	H	17985	2/3	Antara TV	TV		O
7518	PALAPA D	113	3628	H	17985	2/3	Radio Rodja	R		O
7519	PALAPA D	113	3747	H	6250	3/4	SCTV (Indonesia)	TV	O	
7520	PALAPA D	113	3747	H	6250	3/4	Indosiar	TV	O	
7521	PALAPA D	113	3756	H	6250	3/4	SCTV (Indonesia)	TV		O
7522	PALAPA D	113	3756	H	6250	3/4	Indosiar	TV		O
7523	PALAPA D	113	3756	H	6250	3/4	O Channel	TV		O
7524	PALAPA D	113	3756	H	6250	3/4	Eshinta	R		O
7525	PALAPA D	113	3763	H	3500	3/4	TVRI Nasional	TV	O	
7526	PALAPA D	113	3768	H	4000	3/4	TVRI Nasional	TV		O
7527	PALAPA D	113	3768	H	4000	3/4	TVRI 3	TV		O
7528	PALAPA D	113	3768	H	4000	3/4	TVRI 4	TV		O
7529	PALAPA D	113	3774	H	6520	3/4	RCTI	TV	O	
7530	PALAPA D	113	3774	H	6520	3/4	Sindo Trijaya FM	R	O	
7531	PALAPA D	113	3780	V	29900	3/4	Orange TV Info Channel	TV		O
7532	PALAPA D	113	3780	V	29900	3/4	Festival	TV		O
7533	PALAPA D	113	3780	V	29900	3/4	Dangdut Channel	TV		O
7534	PALAPA D	113	3780	V	29900	3/4	Top Hits	TV		O
7535	PALAPA D	113	3780	V	29900	3/4	Jowo	TV		O
7536	PALAPA D	113	3780	V	29900	3/4	Fox Movies Premium	TV		O
7537	PALAPA D	113	3780	V	29900	3/4	HBO Asia	TV		O
7538	PALAPA D	113	3780	V	29900	3/4	HBO Hits	TV		O
7539	PALAPA D	113	3780	V	29900	3/4	HBO Signature Asia	TV		O
7540	PALAPA D	113	3780	V	29900	3/4	HBO Family Asia	TV		O
7541	PALAPA D	113	3780	V	29900	3/4	Fox Family Movies	TV		O
7542	PALAPA D	113	3780	V	29900	3/4	Cinemax Asia	TV		O
7543	PALAPA D	113	3780	V	29900	3/4	Celestial Movies Indonesia	TV		O
7544	PALAPA D	113	3780	V	29900	3/4	Thrill	TV		O
7545	PALAPA D	113	3780	V	29900	3/4	Star World Asia	TV		O
7546	PALAPA D	113	3780	V	29900	3/4	Fox Indonesia	TV		O
7547	PALAPA D	113	3780	V	29900	3/4	WakuWaku Japan	TV		O
7548	PALAPA D	113	3780	V	29900	3/4	Channel M (South Korea)	TV		O
7549	PALAPA D	113	3780	V	29900	3/4	Kix	TV		O
7550	PALAPA D	113	3780	V	29900	3/4	Disney Junior Indonesia	TV		O
7551	PALAPA D	113	3780	V	29900	3/4	Disney Channel Indonesia	TV		O
7552	PALAPA D	113	3780	V	29900	3/4	BabyFirst TV	TV		O
7553	PALAPA D	113	3780	V	29900	3/4	Nickelodeon Indonesia	TV		O
7554	PALAPA D	113	3780	V	29900	3/4	Nick Jr Asia	TV		O
7555	PALAPA D	113	3780	V	29900	3/4	Da Vinci Learning Asia	TV		O
7556	PALAPA D	113	3780	V	29900	3/4	BeIn Sports 3 Premier League	TV		O
7557	PALAPA D	113	3780	V	29900	3/4	Outdoor Channel International	TV		O
7558	PALAPA D	113	3780	V	29900	3/4	Fox Sports 2 Indonesia	TV		O
7559	PALAPA D	113	3780	V	29900	3/4	Fox Sports Indonesia	TV		O
7560	PALAPA D	113	3780	V	29900	3/4	Festival	TV		O
7561	PALAPA D	113	3780	V	29900	3/4	Fight Sports	TV		O
7562	PALAPA D	113	3780	V	29900	3/4	BeIn Sports 1 Indonesia	TV		O
7563	PALAPA D	113	3780	V	29900	3/4	BeIn Sports 2 Indonesia	TV		O
7564	PALAPA D	113	3780	V	29900	3/4	Orange TV Sports mosaic	TV		O
7565	PALAPA D	113	3780	V	29900	3/4	National Geographic Channel Asia	TV		O
7566	PALAPA D	113	3780	V	29900	3/4	Nat Geo Wild Asia	TV		O
7567	PALAPA D	113	3786	H	5632	3/4	TVOne	TV	O	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
7568	PALAPA D	113	3792	H	3000	3/4	BNI Life	TV		○
7569	PALAPA D	113	3818	V	27500	3/4	Universitas Terbuka TV	TV		○
7570	PALAPA D	113	3818	V	27500	3/4	ELbox	TV		○
7571	PALAPA D	113	3818	V	27500	3/4	Hi Indo	TV		○
7572	PALAPA D	113	3818	V	27500	3/4	Lejel Home Shopping Live	TV		○
7573	PALAPA D	113	3818	V	27500	3/4	K-Drama	TV		○
7574	PALAPA D	113	3818	V	27500	3/4	Lejel Home Shopping	TV		○
7575	PALAPA D	113	3818	V	27500	3/4	Aula Channel	TV		○
7576	PALAPA D	113	3818	V	27500	3/4	Nusantara Channel	TV		○
7577	PALAPA D	113	3818	V	27500	3/4	Edu Chanel TV	TV		○
7578	PALAPA D	113	3818	V	27500	3/4	Wisata Hati Channel	TV		○
7579	PALAPA D	113	3818	V	27500	3/4	Roda TV	TV		○
7580	PALAPA D	113	3818	V	27500	3/4	Hot Hits	TV		○
7581	PALAPA D	113	3818	V	27500	3/4	NAB Musik	TV		○
7582	PALAPA D	113	3818	V	27500	3/4	Hangout	TV		○
7583	PALAPA D	113	3853	V	2000	5/6	YMTV	TV		○
7584	PALAPA D	113	3853	V	2000	5/6	Tahfidz TV	TV		○
7585	PALAPA D	113	3853	V	2000	5/6	Radio Daqu	R		○
7586	PALAPA D	113	3863	V	4333	3/4	Rajawali TV	TV	○	
7587	PALAPA D	113	3880	H	30000	3/4	Metro TV (Indonesia)	TV		○
7588	PALAPA D	113	3880	H	30000	3/4	TVRI Nasional	TV		○
7589	PALAPA D	113	3880	H	30000	3/4	CNN International Asia Pacific	TV		○
7590	PALAPA D	113	3880	H	30000	3/4	Nickelodeon South East Asia	TV		○
7591	PALAPA D	113	3880	H	30000	3/4	MTV South East Asia	TV		○
7592	PALAPA D	113	3880	H	30000	3/4	SCTV (Indonesia)	TV		○
7593	PALAPA D	113	3880	H	30000	3/4	Outdoor Channel International	TV		○
7594	PALAPA D	113	3880	H	30000	3/4	Lifetime Asia	TV		○
7595	PALAPA D	113	3880	H	30000	3/4	Topas Info TV	TV		○
7596	PALAPA D	113	3880	H	30000	3/4	Fashion TV Asia	TV		○
7597	PALAPA D	113	3880	H	30000	3/4	HBO Asia	TV		○
7598	PALAPA D	113	3880	H	30000	3/4	Indosiar	TV		○
7599	PALAPA D	113	3880	H	30000	3/4	ANTV (Indonesia)	TV		○
7600	PALAPA D	113	3880	H	30000	3/4	Trans 7	TV		○
7601	PALAPA D	113	3880	H	30000	3/4	Fox Movies Premium	TV		○
7602	PALAPA D	113	3880	H	30000	3/4	English Club TV	TV		○
7603	PALAPA D	113	3880	H	30000	3/4	FYI Asia	TV		○
7604	PALAPA D	113	3880	H	30000	3/4	Asian Food Channel	TV		○
7605	PALAPA D	113	3880	H	30000	3/4	Fox Sports Indonesia	TV		○
7606	PALAPA D	113	3880	H	30000	3/4	Fox Sports 2 Indonesia	TV		○
7607	PALAPA D	113	3880	H	30000	3/4	Trans TV	TV		○
7608	PALAPA D	113	3880	H	30000	3/4	History Asia	TV		○
7609	PALAPA D	113	3880	H	30000	3/4	Phoenix Chinese Channel	TV		○
7610	PALAPA D	113	3880	H	30000	3/4	Bloomberg TV Asia	TV		○
7611	PALAPA D	113	3880	H	30000	3/4	Channel M	TV		○
7612	PALAPA D	113	3925	H	2590	3/4	Bali TV	TV	○	
7613	PALAPA D	113	3925	H	2590	3/4	Radio Global FM	R	○	
7614	PALAPA D	113	3932	V	15800	5/6	Ruai TV	TV		○
7615	PALAPA D	113	3932	V	15800	5/6	DMC TV	TV		○
7616	PALAPA D	113	3932	V	15800	5/6	Aswaja TV	TV		○
7617	PALAPA D	113	3932	V	15800	5/6	Cahaya TV Banten	TV		○
7618	PALAPA D	113	3932	V	15800	5/6	Share tests	TV		○
7619	PALAPA D	113	3932	V	15800	5/6	Malakoot Shine TV	TV		○
7620	PALAPA D	113	3932	V	15800	5/6	Metro TV Jawa Timur (13-17)	TV		○
7621	PALAPA D	113	3934	H	6500	3/4	Global TV (Indonesia)	TV	○	
7622	PALAPA D	113	3946	V	7400	5/6	Best Buy Home Shopping	TV	○	
7623	PALAPA D	113	3946	V	7400	5/6	Matrix TV	TV	○	
7624	PALAPA D	113	3960	H	30000	3/4	TVOne	TV		○
7625	PALAPA D	113	3960	H	30000	3/4	My Movies	TV		○
7626	PALAPA D	113	3960	H	30000	3/4	Bin Fen	TV		○
7627	PALAPA D	113	3960	H	30000	3/4	Sinefilm Indonesia	TV		○
7628	PALAPA D	113	3960	H	30000	3/4	HBO Hits	TV		○
7629	PALAPA D	113	3960	H	30000	3/4	HBO Family Asia	TV		○
7630	PALAPA D	113	3960	H	30000	3/4	Colors	TV		○
7631	PALAPA D	113	3960	H	30000	3/4	HBO Signature Asia	TV		○
7632	PALAPA D	113	3960	H	30000	3/4	Eurosport Asia	TV		○
7633	PALAPA D	113	3960	H	30000	3/4	Eve	TV		○
7634	PALAPA D	113	3960	H	30000	3/4	Animal Planet South East Asia	TV		○
7635	PALAPA D	113	3960	H	30000	3/4	Disney Channel Indonesia	TV		○
7636	PALAPA D	113	3960	H	30000	3/4	Boomerang Asia	TV		○
7637	PALAPA D	113	3960	H	30000	3/4	Celestial Movies Indonesia	TV		○
7638	PALAPA D	113	3960	H	30000	3/4	Nick Jr Asia	TV		○
7639	PALAPA D	113	3960	H	30000	3/4	Star World Asia	TV		○
7640	PALAPA D	113	3960	H	30000	3/4	Toonami	TV		○
7641	PALAPA D	113	3960	H	30000	3/4	Cartoon Network Asia	TV		○
7642	PALAPA D	113	3960	H	30000	3/4	All Sports Network	TV		○
7643	PALAPA D	113	3960	H	30000	3/4	Life Inspired	TV		○
7644	PALAPA D	113	3960	H	30000	3/4	Animax East Asia	TV		○
7645	PALAPA D	113	3960	H	30000	3/4	Discovery Channel South East Asia	TV		○
7646	PALAPA D	113	3960	H	30000	3/4	TLC South East Asia	TV		○
7647	PALAPA D	113	3960	H	30000	3/4	AXN Indonesia	TV		○
7648	PALAPA D	113	3960	H	30000	3/4	Sony SAB TV Asia	TV		○
7649	PALAPA D	113	3960	H	30000	3/4	SET Asia	TV		○
7650	PALAPA D	113	3960	H	30000	3/4	National Geographic Channel Asia	TV		○
7651	PALAPA D	113	3960	H	30000	3/4	E! Asia & Pacific	TV		○
7652	PALAPA D	113	3960	H	30000	3/4	Sony Max Asia	TV		○
7653	PALAPA D	113	3960	H	30000	3/4	Diva Asia	TV		○
7654	PALAPA D	113	3960	H	30000	3/4	Disney Junior Indonesia	TV		○



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
7655	PALAPA D	113	3980	V	31000	2/3	CinemaWorld	TV		O
7656	PALAPA D	113	3980	V	31000	2/3	Fox Crime Asia	TV		O
7657	PALAPA D	113	3980	V	31000	2/3	Animax East Asia	TV		O
7658	PALAPA D	113	3980	V	31000	2/3	Kidnesia	TV		O
7659	PALAPA D	113	3980	V	31000	2/3	CNN International Asia Pacific	TV		O
7660	PALAPA D	113	3980	V	31000	2/3	FDI Channel	TV		O
7661	PALAPA D	113	3980	V	31000	2/3	Zee Hiburan	TV		O
7662	PALAPA D	113	3980	V	31000	2/3	Life Inspired	TV		O
7663	PALAPA D	113	3980	V	31000	2/3	Galaxy	TV		O
7664	PALAPA D	113	3980	V	31000	2/3	Al Jazeera English	TV		O
7665	PALAPA D	113	3980	V	31000	2/3	Berita Satu News Channel	TV		O
7666	PALAPA D	113	3980	V	31000	2/3	Fight Sports	TV		O
7667	PALAPA D	113	3984	H	2244	3/4	MWD	TV		O
7668	PALAPA D	113	4006	V	6400	3/4	Net	TV	O	
7669	PALAPA D	113	4044	V	2833	3/4	Da Ai TV Indonesia	TV	O	
7670	PALAPA D	113	4051	V	1600	5/6	Kompas TV	TV		O
7671	PALAPA D	113	4052	H	3333	7/8	Wesal TV Indonesia	TV	O	
7672	PALAPA D	113	4052	H	3333	7/8	Insan Berniaga	TV	O	
7673	PALAPA D	113	4052	H	3333	7/8	Insan TV	TV	O	
7674	PALAPA D	113	4055	H	3000	3/4	Gogo Mall Home Shopping	TV	O	
7675	PALAPA D	113	4080	H	28125	3/4	Lejel Home Shopping	TV	O	
7676	PALAPA D	113	4080	H	28125	3/4	Metro TV (Indonesia)	TV	O	
7677	PALAPA D	113	4080	H	28125	3/4	Jak TV	TV	O	
7678	PALAPA D	113	4080	H	28125	3/4	Bloomberg TV Indonesia	TV	O	
7679	PALAPA D	113	4080	H	28125	3/4	NHK World TV	TV	O	
7680	PALAPA D	113	4080	H	28125	3/4	Al-Manar TV	TV	O	
7681	PALAPA D	113	4080	H	28125	3/4	U Channel	TV	O	
7682	PALAPA D	113	4080	H	28125	3/4	Aula Channel	TV	O	
7683	PALAPA D	113	4080	H	28125	3/4	K-Drama	TV	O	
7684	PALAPA D	113	4080	H	28125	3/4	Lejel Home Shopping Live	TV	O	
7685	PALAPA D	113	4080	H	28125	3/4	Elshinta TV	TV	O	
7686	PALAPA D	113	4080	H	28125	3/4	kantor Berita Radio	R	O	
7687	PALAPA D	113	4080	H	28125	3/4	BBC World Service English East Asia	R	O	
7688	PALAPA D	113	4080	H	28125	3/4	Pop FM 103	R	O	
7689	PALAPA D	113	4100	V	30000	3/4	Skynindo Info	TV		O
7690	PALAPA D	113	4100	V	30000	3/4	Fox Sports 3 Asia	TV		O
7691	PALAPA D	113	4100	V	30000	3/4	Asia Travel TV	TV		O
7692	PALAPA D	113	4100	V	30000	3/4	National Geographic Channel HD Asia	TV		O
7693	PALAPA D	113	4100	V	30000	3/4	CTI TV Asia	TV		O
7694	PALAPA D	113	4100	V	30000	3/4	TTV	TV		O
7695	PALAPA D	113	4100	V	30000	3/4	CTV (Taiwan)	TV		O
7696	PALAPA D	113	4100	V	30000	3/4	CTS (Taiwan)	TV		O
7697	PALAPA D	113	4100	V	30000	3/4	FTV (Taiwan)	TV		O
7698	PALAPA D	113	4100	V	30000	3/4	Formosa Indo	TV		O
7699	PALAPA D	113	4100	V	30000	3/4	SET Taiwan	TV		O
7700	PALAPA D	113	4100	V	30000	3/4	SET International	TV		O
7701	PALAPA D	113	4100	V	30000	3/4	Da Ai TV	TV		O
7702	PALAPA D	113	4100	V	30000	3/4	Taiwan Macroview TV	TV		O
7703	PALAPA D	113	4100	V	30000	3/4	FTV News	TV		O
7704	PALAPA D	113	4100	V	30000	3/4	ETTV Asia News	TV		O
7705	PALAPA D	113	4100	V	30000	3/4	TVBS	TV		O
7706	PALAPA D	113	4100	V	30000	3/4	ETTV Asia	TV		O
7707	PALAPA D	113	4100	V	30000	3/4	TVBS News	TV		O
7708	PALAPA D	113	4100	V	30000	3/4	CCTV 4 Asia	TV		O
7709	PALAPA D	113	4100	V	30000	3/4	Star Chinese Channel	TV		O
7710	PALAPA D	113	4100	V	30000	3/4	Star Chinese Movies South East Asia	TV		O
7711	PALAPA D	113	4100	V	30000	3/4	AXN Indonesia	TV		O
7712	PALAPA D	113	4100	V	30000	3/4	BeTV Asia	TV		O
7713	PALAPA D	113	4100	V	30000	3/4	Fox Action Movies	TV		O
7714	PALAPA D	113	4100	V	30000	3/4	Star World Asia	TV		O
7715	PALAPA D	113	4100	V	30000	3/4	Bloomberg TV Asia	TV		O
7716	PALAPA D	113	4100	V	30000	3/4	Fox Family Movies	TV		O
7717	PALAPA D	113	4100	V	30000	3/4	Outdoor Channel International	TV		O
7718	PALAPA D	113	4100	V	30000	3/4	Fox Sports 2 Indonesia	TV		O
7719	PALAPA D	113	4100	V	30000	3/4	Fox Sports Indonesia	TV		O
7720	PALAPA D	113	4100	V	30000	3/4	AMC Asia	TV		O
7721	PALAPA D	113	4100	V	30000	3/4	Nickelodeon South East Asia	TV		O
7722	PALAPA D	113	4100	V	30000	3/4	Yoyo TV	TV		O
7723	PALAPA D	113	4110	H	11669	3/4	MWD Varity	TV		O
7724	PALAPA D	113	4110	H	11669	3/4	MWD Movie	TV		O
7725	PALAPA D	113	4110	H	11669	3/4	MWD Series	TV		O
7726	PALAPA D	113	4110	H	11669	3/4	MWD	TV		O
7727	PALAPA D	113	4110	H	11669	3/4	MWD Music	TV		O
7728	PALAPA D	113	4110	H	11669	3/4	MWD Documentary	TV		O
7729	PALAPA D	113	4110	H	11669	3/4	MWD Shopping	TV		O
7730	PALAPA D	113	4110	H	11669	3/4	Thazin Radio	R		O
7731	PALAPA D	113	4140	V	30000	7/8	Haari Kids	TV		O
7732	PALAPA D	113	4140	V	30000	7/8	Haari Drama	TV		O
7733	PALAPA D	113	4140	V	30000	7/8	Haari Variety	TV		O
7734	PALAPA D	113	4140	V	30000	7/8	Trans TV	TV		O
7735	PALAPA D	113	4140	V	30000	7/8	Trans 7	TV		O
7736	PALAPA D	113	4140	V	30000	7/8	ANTV (Indonesia)	TV		O
7737	PALAPA D	113	4140	V	30000	7/8	Berita Satu News Channel	TV		O
7738	PALAPA D	113	4140	V	30000	7/8	More Mall	TV		O
7739	PALAPA D	113	4140	V	30000	7/8	Channel M	TV		O
7740	PALAPA D	113	4140	V	30000	7/8	Fox Sports News Asia	TV		O
7741	PALAPA D	113	4140	V	30000	7/8	All Sports Network 2	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 일표화 등)
7742	PALAPA D	113	4140	V	30000	7/8	National Geographic Channel Asia	TV		O
7743	PALAPA D	113	4140	V	30000	7/8	Nat Geo Wild Asia	TV		O
7744	PALAPA D	113	4140	V	30000	7/8	Haari Music	TV		O
7745	PALAPA D	113	4140	V	30000	7/8	MTV South East Asia	TV		O
7746	PALAPA D	113	4140	V	30000	7/8	Channel V International	TV		O
7747	PALAPA D	113	4140	V	30000	7/8	Haari Movie	TV		O
7748	PALAPA D	113	4140	V	30000	7/8	Kix	TV		O
7749	PALAPA D	113	4140	V	30000	7/8	Syfy Universal Asia	TV		O
7750	PALAPA D	113	4140	V	30000	7/8	Thrill	TV		O
7751	PALAPA D	113	4140	V	30000	7/8	Fox Indonesia	TV		O
7752	PALAPA D	113	4140	V	30000	7/8	Celestial Movies Indonesia	TV		O
7753	PALAPA D	113	4140	V	30000	7/8	Point of Sale Media Network	TV		O
7754	PALAPA D	113	4140	V	30000	7/8	Nabawi TV	TV		O
7755	PALAPA D	113	4140	V	30000	7/8	Damai TV	TV		O
7756	PALAPA D	113	4140	V	30000	7/8	Haari TV	TV		O
7757	PALAPA D	113	4140	V	30000	7/8	Starlite International	TV		O
7758	PALAPA D	113	4140	V	30000	7/8	Zee Bioskop	TV		O
7759	PALAPA D	113	4140	V	30000	7/8	Sonora FM	R		O
7760	PALAPA D	113	4184	V	6700	3/4	MNC TV	TV	O	
7761	PALAPA D	113	4184	V	6700	3/4	Radio Dangdut Indonesia	R	O	
7762	PALAPA D	113	12590	H	29900	3/4	Dangdut Channel	TV		O
7763	PALAPA D	113	12590	H	29900	3/4	Top Hits	TV		O
7764	PALAPA D	113	12590	H	29900	3/4	Jowo	TV		O
7765	PALAPA D	113	12590	H	29900	3/4	HBO Asia	TV		O
7766	PALAPA D	113	12590	H	29900	3/4	HBO Hits	TV		O
7767	PALAPA D	113	12590	H	29900	3/4	HBO Signature Asia	TV		O
7768	PALAPA D	113	12590	H	29900	3/4	HBO Family Asia	TV		O
7769	PALAPA D	113	12590	H	29900	3/4	Cinemax Asia	TV		O
7770	PALAPA D	113	12590	H	29900	3/4	Celestial Movies Indonesia	TV		O
7771	PALAPA D	113	12590	H	29900	3/4	Thrill	TV		O
7772	PALAPA D	113	12590	H	29900	3/4	WakuWaku Japan	TV		O
7773	PALAPA D	113	12590	H	29900	3/4	KBS World Indonesia	TV		O
7774	PALAPA D	113	12590	H	29900	3/4	Channel M (South Korea)	TV		O
7775	PALAPA D	113	12590	H	29900	3/4	Kix	TV		O
7776	PALAPA D	113	12590	H	29900	3/4	K-Drama	TV		O
7777	PALAPA D	113	12590	H	29900	3/4	MTV China	TV		O
7778	PALAPA D	113	12590	H	29900	3/4	Da Vinci Learning Asia	TV		O
7779	PALAPA D	113	12590	H	29900	3/4	Al Jazeera English	TV		O
7780	PALAPA D	113	12590	H	29900	3/4	Macau Lotus TV	TV		O
7781	PALAPA D	113	12590	H	29900	3/4	CCTV 4 Asia	TV		O
7782	PALAPA D	113	12590	H	29900	3/4	BBC Lifestyle Asia	TV		O
7783	PALAPA D	113	12590	H	29900	3/4	Beln Sports 3 Premier League	TV		O
7784	PALAPA D	113	12590	H	29900	3/4	Outdoor Channel International	TV		O
7785	PALAPA D	113	12590	H	29900	3/4	Fox Sports 2 Indonesia	TV		O
7786	PALAPA D	113	12590	H	29900	3/4	Fox Sports Indonesia	TV		O
7787	PALAPA D	113	12590	H	29900	3/4	Festival	TV		O
7788	PALAPA D	113	12590	H	29900	3/4	Fight Sports	TV		O
7789	PALAPA D	113	12590	H	29900	3/4	Beln Sports 1 Indonesia	TV		O
7790	PALAPA D	113	12590	H	29900	3/4	Beln Sports 2 Indonesia	TV		O
7791	PALAPA D	113	12590	H	29900	3/4	Channel NewsAsia	TV		O
7792	PALAPA D	113	12590	H	29900	3/4	BBC World News Asia Pacific	TV		O
7793	PALAPA D	113	12590	H	29900	3/4	Bloomberg TV Asia	TV		O
7794	PALAPA D	113	12590	H	29900	3/4	Fox Sports News Asia	TV		O
7795	PALAPA D	113	12590	H	29900	3/4	Da Ai TV Indonesia	TV		O
7796	PALAPA D	113	12590	H	29900	3/4	Rajawali TV	TV		O
7797	PALAPA D	113	12590	H	29900	3/4	Quran TV (Saudi Arabia)	TV		O
7798	PALAPA D	113	12590	H	29900	3/4	RRI Pro 3	TV		O
7799	PALAPA D	113	12710	H	29900	3/4	Orange TV Info Channel	TV		O
7800	PALAPA D	113	12710	H	29900	3/4	Festival	TV		O
7801	PALAPA D	113	12710	H	29900	3/4	Fox Movies Premium	TV		O
7802	PALAPA D	113	12710	H	29900	3/4	Fox Family Movies	TV		O
7803	PALAPA D	113	12710	H	29900	3/4	CinemaWorld	TV		O
7804	PALAPA D	113	12710	H	29900	3/4	Star Chinese Movies South East Asia	TV		O
7805	PALAPA D	113	12710	H	29900	3/4	Star World Asia	TV		O
7806	PALAPA D	113	12710	H	29900	3/4	Fox Indonesia	TV		O
7807	PALAPA D	113	12710	H	29900	3/4	Fox Crime Asia	TV		O
7808	PALAPA D	113	12710	H	29900	3/4	FX Asia	TV		O
7809	PALAPA D	113	12710	H	29900	3/4	Diva Asia	TV		O
7810	PALAPA D	113	12710	H	29900	3/4	Universal Channel Asia	TV		O
7811	PALAPA D	113	12710	H	29900	3/4	Syfy Universal Asia	TV		O
7812	PALAPA D	113	12710	H	29900	3/4	Star Chinese Channel	TV		O
7813	PALAPA D	113	12710	H	29900	3/4	MTV South East Asia	TV		O
7814	PALAPA D	113	12710	H	29900	3/4	Channel V International	TV		O
7815	PALAPA D	113	12710	H	29900	3/4	Disney Junior Indonesia	TV		O
7816	PALAPA D	113	12710	H	29900	3/4	Disney Channel Indonesia	TV		O
7817	PALAPA D	113	12710	H	29900	3/4	BabyFirst TV	TV		O
7818	PALAPA D	113	12710	H	29900	3/4	Nickelodeon Indonesia	TV		O
7819	PALAPA D	113	12710	H	29900	3/4	Nick Jr Asia	TV		O
7820	PALAPA D	113	12710	H	29900	3/4	E! Asia & Pacific	TV		O
7821	PALAPA D	113	12710	H	29900	3/4	Fashion One Asia	TV		O
7822	PALAPA D	113	12710	H	29900	3/4	Orange TV Sports mosaic	TV		O
7823	PALAPA D	113	12710	H	29900	3/4	National Geographic Channel Asia	TV		O
7824	PALAPA D	113	12710	H	29900	3/4	Nat Geo People Asia	TV		O
7825	PALAPA D	113	12710	H	29900	3/4	Nat Geo Wild Asia	TV		O
7826	PALAPA D	113	12710	H	29900	3/4	TVRI Nasional	TV		O
7827	PALAPA D	113	12710	H	29900	3/4	SCTV (Indonesia)	TV		O
7828	PALAPA D	113	12710	H	29900	3/4	Lejel Home Shopping Live	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
7829	PALAPA D	113	12710	H	29900	3/4	Trans 7	TV		O
7830	PALAPA D	113	12710	H	29900	3/4	Indosiar	TV		O
7831	PALAPA D	113	12710	H	29900	3/4	ANTV (Indonesia)	TV		O
7832	PALAPA D	113	12710	H	29900	3/4	TVOne	TV		O
7833	PALAPA D	113	12710	H	29900	3/4	Metro TV (Indonesia)	TV		O
7834	PALAPA D	113	12710	H	29900	3/4	Kompas TV	TV		O
7835	PALAPA D	113	12710	H	29900	3/4	Net	TV		O
7836	PALAPA D	113	12710	H	29900	3/4	Trans TV	TV		O
7837	KOREASAT 5	113	12390	V	25600	5/6	TV Maria	TV		O
7838	KOREASAT 5	113	12390	V	25600	5/6	ABS-CBN Channel 2	TV		O
7839	KOREASAT 5	113	12390	V	25600	5/6	Net 25	TV		O
7840	KOREASAT 5	113	12390	V	25600	5/6	TV 5 (Philippines)	TV		O
7841	KOREASAT 5	113	12390	V	25600	5/6	GMA 7	TV		O
7842	KOREASAT 5	113	12390	V	25600	5/6	Viva Channel	TV		O
7843	KOREASAT 5	113	12390	V	25600	5/6	Vegas Life TV	TV		O
7844	KOREASAT 5	113	12390	V	25600	5/6	ABS-CBN Sports+Action	TV		O
7845	KOREASAT 5	113	12390	V	25600	5/6	MTV Pinoy	TV		O
7846	KOREASAT 5	113	12390	V	25600	5/6	Channel NewsAsia	TV		O
7847	KOREASAT 5	113	12390	V	25600	5/6	Love Radio 90.7 Manila	R		O
7848	KOREASAT 5	113	12390	V	25600	5/6	Boracay Beach Radio	R		O
7849	KOREASAT 5	113	12390	V	25600	5/6	The Edge Radio	R		O
7850	KOREASAT 5	113	12390	V	25600	5/6	Catholic Media Network	R		O
7851	KOREASAT 5	113	12390	V	25600	5/6	RMN News AM	R		O
7852	KOREASAT 5	113	12390	V	25600	5/6	BBC Asian Network	R		O
7853	KOREASAT 5	113	12390	V	25600	5/6	IFM Manila	R		O
7854	KOREASAT 5	113	12390	V	25600	5/6	RJ 100.3	R		O
7855	KOREASAT 5	113	12390	V	25600	5/6	Planet Rock (Philippines)	R		O
7856	KOREASAT 5	113	12390	V	25600	5/6	Sports Radio	R		O
7857	KOREASAT 5	113	12430	V	25600	5/6	Fox Filipino	TV		O
7858	KOREASAT 5	113	12430	V	25600	5/6	GMA News TV	TV		O
7859	KOREASAT 5	113	12430	V	25600	5/6	CNN Philippines	TV		O
7860	KOREASAT 5	113	12430	V	25600	5/6	Nickelodeon Philippines	TV		O
7861	KOREASAT 5	113	12430	V	25600	5/6	Cartoon Network Philippines	TV		O
7862	KOREASAT 5	113	12430	V	25600	5/6	Living Asia Channel	TV		O
7863	KOREASAT 5	113	12430	V	25600	5/6	RTL CBS Entertainment	TV		O
7864	KOREASAT 5	113	12430	V	25600	5/6	Lifetime Asia	TV		O
7865	KOREASAT 5	113	12430	V	25600	5/6	HBO Asia	TV		O
7866	KOREASAT 5	113	12430	V	25600	5/6	AXN Philippines	TV		O
7867	KOREASAT 5	113	12430	V	25600	5/6	FYI Asia	TV		O
7868	KOREASAT 5	113	12430	V	25600	5/6	Discovery Channel Philippines	TV		O
7869	KOREASAT 5	113	12430	V	25600	5/6	Fox Sports 2 Asia	TV		O
7870	KOREASAT 5	113	12430	V	25600	5/6	CNN International Asia Pacific	TV		O
7871	KOREASAT 5	113	12436	H	3564	5/6	SBOX	TV		O
7872	KOREASAT 5	113	12436	H	3564	5/6	S-CH	TV		O
7873	KOREASAT 5	113	12452	H	2500	5/6	SBS (South Korea)	TV		O
7874	KOREASAT 5	113	12470	V	25600	5/6	Star World Philippines	TV		O
7875	KOREASAT 5	113	12470	V	25600	5/6	TLC Philippines	TV		O
7876	KOREASAT 5	113	12470	V	25600	5/6	Asian Food Channel	TV		O
7877	KOREASAT 5	113	12470	V	25600	5/6	H2 Asia	TV		O
7878	KOREASAT 5	113	12470	V	25600	5/6	National Geographic Channel Philippines	TV		O
7879	KOREASAT 5	113	12470	V	25600	5/6	History Philippines	TV		O
7880	KOREASAT 5	113	12470	V	25600	5/6	MBC (South Korea)	TV		O
7881	KOREASAT 5	113	12470	V	25600	5/6	PBO	TV		O
7882	KOREASAT 5	113	12470	V	25600	5/6	Star Movies Philippines	TV		O
7883	KOREASAT 5	113	12470	V	25600	5/6	Basketball TV	TV		O
7884	KOREASAT 5	113	12470	V	25600	5/6	Crime + Investigation Asia	TV		O
7885	KOREASAT 5	113	12470	V	25600	5/6	Australia Plus TV Asia	TV		O
7886	KOREASAT 5	113	12470	V	25600	5/6	DW	TV		O
7887	KOREASAT 5	113	12470	V	25600	5/6	Fox Sports Philippines	TV		O
7888	KOREASAT 5	113	12530	H	26000	5/6	Silver TV (South Korea)	TV		O
7889	KOREASAT 5	113	12530	H	26000	5/6	Vision TV	TV		O
7890	KOREASAT 5	113	12530	H	26000	5/6	JBS	TV		O
7891	KOREASAT 5	113	12530	H	26000	5/6	OUN	TV	O	
7892	KOREASAT 5	113	12530	H	26000	5/6	National Assembly TV	TV		O
7893	KOREASAT 5	113	12530	H	26000	5/6	Billiards TV	TV		O
7894	KOREASAT 5	113	12530	H	26000	5/6	EBS Plus 1	TV	O	
7895	KOREASAT 5	113	12530	H	26000	5/6	EBS Plus 2	TV	O	
7896	KOREASAT 5	113	12530	H	26000	5/6	EBS English	TV	O	
7897	KOREASAT 5	113	12530	H	26000	5/6	Docustory	TV		O
7898	KOREASAT 5	113	12530	H	26000	5/6	TV Chosun	TV		O
7899	KOREASAT 5	113	12530	H	26000	5/6	Onbook TV	TV		O
7900	KOREASAT 5	113	12560	H	2300	2/3	Adventist Media Channel	TV		O
7901	KOREASAT 5	113	12590	V	28000	3/4	AFN Sports Japan	TV		O
7902	KOREASAT 5	113	12590	V	28000	3/4	AFN Prime Atlantic	TV		O
7903	KOREASAT 5	113	12590	V	28000	3/4	AFN Spectrum	TV		O
7904	KOREASAT 5	113	12590	V	28000	3/4	AFN Prime Pacific	TV		O
7905	KOREASAT 5	113	12590	V	28000	3/4	AFN News	TV		O
7906	KOREASAT 5	113	12590	V	28000	3/4	AFN Xtra	TV		O
7907	KOREASAT 5	113	12590	V	28000	3/4	AFN Guide	TV		O
7908	KOREASAT 5	113	12590	V	28000	3/4	AFN Family	TV		O
7909	KOREASAT 5	113	12590	V	28000	3/4	AFN Movie	TV		O
7910	KOREASAT 5	113	12590	V	28000	3/4	AFN Sports	TV		O
7911	KOREASAT 5	113	12590	V	28000	3/4	AFN Sports Korea	TV		O
7912	KOREASAT 5	113	12590	V	28000	3/4	AFN Prime Korea	TV		O
7913	KOREASAT 5	113	12590	V	28000	3/4	AFN The Voice	R		O
7914	KOREASAT 5	113	12590	V	28000	3/4	AFN PowerTalk	R		O
7915	KOREASAT 5	113	12590	V	28000	3/4	AFN Clutch	R		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 일표화 등)
7916	KOREASAT 5	113	12590	V	28000	3/4	AFN Fans	R		O
7917	KOREASAT 5	113	12590	V	28000	3/4	Hot AC	R		O
7918	KOREASAT 5	113	12590	V	28000	3/4	AFN Legacy	R		O
7919	KOREASAT 5	113	12590	V	28000	3/4	AFN's Joe Radio	R		O
7920	KOREASAT 5	113	12590	V	28000	3/4	Gravity	R		O
7921	KOREASAT 5	113	12590	V	28000	3/4	Today's Best Country	R		O
7922	KOREASAT 5	113	12590	V	28000	3/4	AFN Seasonal	R		O
7923	KOREASAT 5	113	12590	V	28000	3/4	The Contingency Channel	R		O
7924	KOREASAT 5	113	12590	V	28000	3/4	NPR Worldwide AFRTS	R		O
7925	KOREASAT 5	113	12590	V	28000	3/4	AFN The Eagle Japan	R		O
7926	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Iwakuni	R		O
7927	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Sasebo	R		O
7928	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Tokyo	R		O
7929	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Okinawa	R		O
7930	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Misawa	R		O
7931	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Casey	R		O
7932	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Yongsan	R		O
7933	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Kunsan	R		O
7934	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Daegu	R		O
7935	KOREASAT 5	113	12590	V	28000	3/4	AFN 360 Osan	R		O
7936	KOREASAT 5	113	12618	V	3900	1/2	NTD TV East	TV		O
7937	KOREASAT 5	113	12665	H	4320	3/4	MBC (South Korea)	TV		O
7938	KOREASAT 5	113	12665	H	4320	3/4	MBC Standard FM	R		O
7939	KOREASAT 5	113	12665	H	4320	3/4	MBC FM4U	R		O
7940	KOREASAT 5	113	12670	V	28000	3/4	AFN Sports Japan	TV		O
7941	KOREASAT 5	113	12670	V	28000	3/4	AFN Prime Atlantic	TV		O
7942	KOREASAT 5	113	12670	V	28000	3/4	AFN Spectrum	TV		O
7943	KOREASAT 5	113	12670	V	28000	3/4	AFN Prime Pacific	TV		O
7944	KOREASAT 5	113	12670	V	28000	3/4	AFN News	TV		O
7945	KOREASAT 5	113	12670	V	28000	3/4	AFN Xtra	TV		O
7946	KOREASAT 5	113	12670	V	28000	3/4	AFN Guide	TV		O
7947	KOREASAT 5	113	12670	V	28000	3/4	AFN Family	TV		O
7948	KOREASAT 5	113	12670	V	28000	3/4	AFN Movie	TV		O
7949	KOREASAT 5	113	12670	V	28000	3/4	AFN Sports	TV		O
7950	KOREASAT 5	113	12670	V	28000	3/4	AFN Sports Korea	TV		O
7951	KOREASAT 5	113	12670	V	28000	3/4	AFN Prime Korea	TV		O
7952	KOREASAT 5	113	12670	V	28000	3/4	AFN The Voice	R		O
7953	KOREASAT 5	113	12670	V	28000	3/4	AFN PowerTalk	R		O
7954	KOREASAT 5	113	12670	V	28000	3/4	AFN Clutch	R		O
7955	KOREASAT 5	113	12670	V	28000	3/4	AFN Fans	R		O
7956	KOREASAT 5	113	12670	V	28000	3/4	Hot AC	R		O
7957	KOREASAT 5	113	12670	V	28000	3/4	AFN Legacy	R		O
7958	KOREASAT 5	113	12670	V	28000	3/4	AFN's Joe Radio	R		O
7959	KOREASAT 5	113	12670	V	28000	3/4	Gravity	R		O
7960	KOREASAT 5	113	12670	V	28000	3/4	Today's Best Country	R		O
7961	KOREASAT 5	113	12670	V	28000	3/4	AFN Seasonal	R		O
7962	KOREASAT 5	113	12670	V	28000	3/4	The Contingency Channel	R		O
7963	KOREASAT 5	113	12670	V	28000	3/4	NPR Worldwide AFRTS	R		O
7964	KOREASAT 5	113	12670	V	28000	3/4	AFN The Eagle Japan	R		O
7965	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Iwakuni	R		O
7966	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Sasebo	R		O
7967	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Tokyo	R		O
7968	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Okinawa	R		O
7969	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Misawa	R		O
7970	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Casey	R		O
7971	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Yongsan	R		O
7972	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Kunsan	R		O
7973	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Daegu	R		O
7974	KOREASAT 5	113	12670	V	28000	3/4	AFN 360 Osan	R		O
7975	CHINASAT 6B	115.5	3600	V	27500	7/8	Early Childhood Education TV	TV		O
7976	CHINASAT 6B	115.5	3600	V	27500	7/8	ECTV	TV		O
7977	CHINASAT 6B	115.5	3600	V	27500	7/8	Auto Fan Channel	TV		O
7978	CHINASAT 6B	115.5	3600	V	27500	7/8	Baby Channel	TV		O
7979	CHINASAT 6B	115.5	3600	V	27500	7/8	Global Travel Channel	TV		O
7980	CHINASAT 6B	115.5	3600	V	27500	7/8	New Entertainment	TV		O
7981	CHINASAT 6B	115.5	3600	V	27500	7/8	Collection Channel	TV		O
7982	CHINASAT 6B	115.5	3600	V	27500	7/8	Food Channel (China)	TV		O
7983	CHINASAT 6B	115.5	3600	V	27500	7/8	CNR Care	TV		O
7984	CHINASAT 6B	115.5	3600	V	27500	7/8	Fashion Channel (China)	TV		O
7985	CHINASAT 6B	115.5	3600	V	27500	7/8	CHTV (Top V)	TV		O
7986	CHINASAT 6B	115.5	3640	V	27500	7/8	Home Channel (China)	TV		O
7987	CHINASAT 6B	115.5	3640	V	27500	7/8	Travel Channel (China)	TV		O
7988	CHINASAT 6B	115.5	3640	V	27500	7/8	Fishing Channel	TV		O
7989	CHINASAT 6B	115.5	3640	V	27500	7/8	Channel Pet	TV		O
7990	CHINASAT 6B	115.5	3640	V	27500	7/8	Each Family Shopping	TV		O
7991	CHINASAT 6B	115.5	3640	V	27500	7/8	GTV Electronic Sports	TV		O
7992	CHINASAT 6B	115.5	3640	V	27500	7/8	Disk Channel	TV		O
7993	CHINASAT 6B	115.5	3640	V	27500	7/8	Occupation Guide	TV		O
7994	CHINASAT 6B	115.5	3640	V	27500	7/8	Happigo Channel	TV		O
7995	CHINASAT 6B	115.5	3640	V	27500	7/8	Family Finances Channel	TV		O
7996	CHINASAT 6B	115.5	3680	V	27500	7/8	China Weather TV	TV		O
7997	CHINASAT 6B	115.5	3680	V	27500	7/8	CCTV Finance	TV		O
7998	CHINASAT 6B	115.5	3680	V	27500	7/8	The Digital Era	TV		O
7999	CHINASAT 6B	115.5	3680	V	27500	7/8	Character Channel	TV		O
8000	CHINASAT 6B	115.5	3680	V	27500	7/8	Jia You Home Shopping	TV		O
8001	CHINASAT 6B	115.5	3680	V	27500	7/8	Global Home Shopping	TV		O
8002	CHINASAT 6B	115.5	3680	V	27500	7/8	China Stock News	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
8003	CHINASAT 6B	115.5	3680	V	27500	7/8	Household Management TV	TV		O
8004	CHINASAT 6B	115.5	3680	V	27500	7/8	Excellent Shopping	TV		O
8005	CHINASAT 6B	115.5	3680	V	27500	7/8	Chongqing TV Shopping	TV		O
8006	CHINASAT 6B	115.5	3680	V	27500	7/8	Fashion Shopping Channel	TV		O
8007	CHINASAT 6B	115.5	3709	H	10920	3/4	Fujian South East TV	TV	O	
8008	CHINASAT 6B	115.5	3709	H	10920	3/4	Xiamen Star TV China	TV		O
8009	CHINASAT 6B	115.5	3709	H	10920	3/4	Fujian News Radio	R	O	
8010	CHINASAT 6B	115.5	3709	H	10920	3/4	Fujian South East Radio	R	O	
8011	CHINASAT 6B	115.5	3709	H	10920	3/4	Xiamen News Radio	R	O	
8012	CHINASAT 6B	115.5	3709	H	10920	3/4	Xiamen Economy & Traffic Radio	R	O	
8013	CHINASAT 6B	115.5	3709	H	10920	3/4	Xiamen Music Radio	R	O	
8014	CHINASAT 6B	115.5	3709	H	10920	3/4	Xiamen Min-nan-hua Broadcast	R	O	
8015	CHINASAT 6B	115.5	3709	H	10920	3/4	Xiamen Travel Radio	R	O	
8016	CHINASAT 6B	115.5	3740	V	27500	3/4	China Movie	TV		O
8017	CHINASAT 6B	115.5	3740	V	27500	3/4	CHC HD	TV		O
8018	CHINASAT 6B	115.5	3740	V	27500	3/4	CHC	TV		O
8019	CHINASAT 6B	115.5	3740	V	27500	3/4	CHC Action	TV		O
8020	CHINASAT 6B	115.5	3750	H	10490	3/4	Hunan TV	TV	O	
8021	CHINASAT 6B	115.5	3750	H	10490	3/4	Aniworld Satellite TV	TV	O	
8022	CHINASAT 6B	115.5	3750	H	10490	3/4	Hunan People's Satellite Radio	R	O	
8023	CHINASAT 6B	115.5	3750	H	10490	3/4	Hunan Traffic Radio	R	O	
8024	CHINASAT 6B	115.5	3750	H	10490	3/4	Hunan Economic Radio	R	O	
8025	CHINASAT 6B	115.5	3750	H	10490	3/4	Hunan Culture Radio	R	O	
8026	CHINASAT 6B	115.5	3750	H	10490	3/4	Golden Eagle 955	R	O	
8027	CHINASAT 6B	115.5	3769	H	13400	7/8	Dragon TV (China)	TV		O
8028	CHINASAT 6B	115.5	3780	V	27500	3/4	CCTV 6	TV		O
8029	CHINASAT 6B	115.5	3780	V	27500	3/4	GTV 2 Qipai	TV		O
8030	CHINASAT 6B	115.5	3780	V	27500	3/4	Flash TV (China)	TV		O
8031	CHINASAT 6B	115.5	3780	V	27500	3/4	China Food Network	TV		O
8032	CHINASAT 6B	115.5	3780	V	27500	3/4	Vanguard 2 Badminton Channel	TV		O
8033	CHINASAT 6B	115.5	3780	V	27500	3/4	Win TV (China)	TV		O
8034	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou TV	TV	O	
8035	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou News Radio	R	O	
8036	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou Economic Radio	R	O	
8037	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou Metropolis Radio	R	O	
8038	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou Music Radio	R	O	
8039	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou Traffic Radio	R	O	
8040	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou Story Radio	R	O	
8041	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou City Radio	R	O	
8042	CHINASAT 6B	115.5	3796	H	6930	1/2	Guizhou News Radio	R	O	
8043	CHINASAT 6B	115.5	3807	V	6000	3/4	Chongqing TV	TV	O	
8044	CHINASAT 6B	115.5	3807	V	6000	3/4	Chongqing News Radio	R	O	
8045	CHINASAT 6B	115.5	3807	V	6000	3/4	Chongqing Music Radio	R	O	
8046	CHINASAT 6B	115.5	3807	V	6000	3/4	Chongqing Traffic Radio	R	O	
8047	CHINASAT 6B	115.5	3807	V	6000	3/4	Chongqing Economic Radio	R	O	
8048	CHINASAT 6B	115.5	3807	V	6000	3/4	Chongqing Metropolis Radio	R	O	
8049	CHINASAT 6B	115.5	3808	H	8800	3/4	Toonmax TV	TV	O	
8050	CHINASAT 6B	115.5	3808	H	8800	3/4	Dragon TV (China)	TV	O	
8051	CHINASAT 6B	115.5	3808	H	8800	3/4	Shanghai CBN Radio	R	O	
8052	CHINASAT 6B	115.5	3808	H	8800	3/4	Radio Shanghai	R	O	
8053	CHINASAT 6B	115.5	3808	H	8800	3/4	East City FM 89.9	R	O	
8054	CHINASAT 6B	115.5	3815	V	4420	3/4	Heilongjiang TV	TV	O	
8055	CHINASAT 6B	115.5	3825	V	6780	3/4	Zhejiang Satellite TV	TV	O	
8056	CHINASAT 6B	115.5	3825	V	6780	3/4	Zhejiang News Radio	R	O	
8057	CHINASAT 6B	115.5	3825	V	6780	3/4	Radio Zhejiang Music FM 96.8	R	O	
8058	CHINASAT 6B	115.5	3825	V	6780	3/4	Zhejiang Economy Channel	R	O	
8059	CHINASAT 6B	115.5	3825	V	6780	3/4	Zhejiang Culture Channel	R	O	
8060	CHINASAT 6B	115.5	3825	V	6780	3/4	Voice of City	R	O	
8061	CHINASAT 6B	115.5	3825	V	6780	3/4	Zhejiang Traffic Radio	R	O	
8062	CHINASAT 6B	115.5	3825	V	6780	3/4	Zhejiang Tourism Channel	R	O	
8063	CHINASAT 6B	115.5	3825	V	6780	3/4	Voice of City	R	O	
8064	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong TV	TV		O
8065	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong News Channel	R		O
8066	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong Economy Channel	R		O
8067	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong Literature Channel	R		O
8068	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong Life Channel	R		O
8069	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong Traffic Channel	R		O
8070	CHINASAT 6B	115.5	3834	V	5400	3/4	Shandong City FM	R		O
8071	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 1	TV		O
8072	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 2	TV	O	
8073	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 7	TV	O	
8074	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 10	TV	O	
8075	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 11	TV	O	
8076	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 12	TV	O	
8077	CHINASAT 6B	115.5	3840	H	27500	3/4	CCTV 15	TV	O	
8078	CHINASAT 6B	115.5	3846	V	5950	3/4	Shanxi TV	TV	O	
8079	CHINASAT 6B	115.5	3846	V	5950	3/4	Shanxi News Radio	R	O	
8080	CHINASAT 6B	115.5	3854	V	4420	3/4	Henan TV	TV	O	
8081	CHINASAT 6B	115.5	3854	V	4420	3/4	Henan Economy Radio	R	O	
8082	CHINASAT 6B	115.5	3854	V	4420	3/4	Henan Culture Radio	R	O	
8083	CHINASAT 6B	115.5	3854	V	4420	3/4	Henan Information Radio	R	O	
8084	CHINASAT 6B	115.5	3854	V	4420	3/4	Henan Agriculture Radio	R	O	
8085	CHINASAT 6B	115.5	3854	V	4420	3/4	Henan People's Radio	R	O	
8086	CHINASAT 6B	115.5	3861	V	4800	3/4	Ningxia TV	TV	O	
8087	CHINASAT 6B	115.5	3861	V	4800	3/4	Ningxia Traffic Radio	R	O	
8088	CHINASAT 6B	115.5	3861	V	4800	3/4	Ningxia News Radio	R	O	
8089	CHINASAT 6B	115.5	3861	V	4800	3/4	Ningxia Economy Radio	R	O	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (산포미역, 암호화 등)
8090	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi TV	TV	O	
8091	CHINASAT 6B	115.5	3871	V	9080	3/4	CNNL TV	TV	O	
8092	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi City FM	R	O	
8093	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi News Radio	R	O	
8094	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi Economic Radio	R	O	
8095	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi Young Radio	R	O	
8096	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi Agriculture Radio	R	O	
8097	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi Opera Radio	R	O	
8098	CHINASAT 6B	115.5	3871	V	9080	3/4	Shaanxi Music Radio	R	O	
8099	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 3	TV		O
8100	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 5	TV		O
8101	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 6	TV		O
8102	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 8	TV		O
8103	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 14	TV	O	
8104	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 13	TV	O	
8105	CHINASAT 6B	115.5	3880	H	27500	3/4	CCTV 9	TV		O
8106	CHINASAT 6B	115.5	3885	V	4340	3/4	Shandong Eduction TV Station	TV	O	
8107	CHINASAT 6B	115.5	3892	V	4420	3/4	Jiangxi TV 1	TV	O	
8108	CHINASAT 6B	115.5	3892	V	4420	3/4	Jiangxi People's Radio	R	O	
8109	CHINASAT 6B	115.5	3892	V	4420	3/4	Jiangxi Economic Radio	R	O	
8110	CHINASAT 6B	115.5	3892	V	4420	3/4	Jiangxi People's Radio	R	O	
8111	CHINASAT 6B	115.5	3892	V	4420	3/4	Jiangxi Music Radio	R	O	
8112	CHINASAT 6B	115.5	3892	V	4420	3/4	Jiangxi News Radio	R	O	
8113	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan TV 1	TV	O	
8114	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan Kangba Tibetan TV	TV	O	
8115	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan News Radio	R	O	
8116	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan People's Economic Radio	R	O	
8117	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan People's Travel and Life Radio	R	O	
8118	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan People's Traffic Radio	R	O	
8119	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan People's Station Minjiang Music Radio	R	O	
8120	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan People's City Radio	R	O	
8121	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan Entertainment Radio	R	O	
8122	CHINASAT 6B	115.5	3903	V	9300	3/4	Sichuan People's National Radio	R	O	
8123	CHINASAT 6B	115.5	3913	V	6400	3/4	Gansu TV	TV	O	
8124	CHINASAT 6B	115.5	3913	V	6400	3/4	Gansu People's Radio	R	O	
8125	CHINASAT 6B	115.5	3913	V	6400	3/4	Gansu Business Radio	R	O	
8126	CHINASAT 6B	115.5	3913	V	6400	3/4	Gansu Farm Village Radio	R	O	
8127	CHINASAT 6B	115.5	3920	H	27500	3/4	CCTV XinKe DongMan	TV		O
8128	CHINASAT 6B	115.5	3920	H	27500	3/4	CCTV Middle School Channel	TV		O
8129	CHINASAT 6B	115.5	3920	H	27500	3/4	Channel Infant Education	TV		O
8130	CHINASAT 6B	115.5	3920	H	27500	3/4	Shuowen	TV		O
8131	CHINASAT 6B	115.5	3920	H	27500	3/4	Cultural Treasure Channel	TV		O
8132	CHINASAT 6B	115.5	3929	V	8840	3/4	Anhui TV	TV	O	
8133	CHINASAT 6B	115.5	3929	V	8840	3/4	Anhui Economic Radio	R	O	
8134	CHINASAT 6B	115.5	3929	V	8840	3/4	Anhui People's Radio	R	O	
8135	CHINASAT 6B	115.5	3929	V	8840	3/4	Anhui Music Radio	R	O	
8136	CHINASAT 6B	115.5	3940	V	5948	3/4	Tianjin TV	TV	O	
8137	CHINASAT 6B	115.5	3940	V	5948	3/4	Tianjin Culture Radio	R	O	
8138	CHINASAT 6B	115.5	3940	V	5948	3/4	Tianjin Hangu Radio	R	O	
8139	CHINASAT 6B	115.5	3940	V	5948	3/4	Tianjin News Radio	R	O	
8140	CHINASAT 6B	115.5	3940	V	5948	3/4	Tianjin Music Radio	R	O	
8141	CHINASAT 6B	115.5	3940	V	5948	3/4	Tianjin Binhai Radio	R	O	
8142	CHINASAT 6B	115.5	3950	H	11406	5/6	Guangxi TV	TV	O	
8143	CHINASAT 6B	115.5	3950	H	11406	5/6	Guangdong Satellite TV	TV	O	
8144	CHINASAT 6B	115.5	3950	H	11406	5/6	Yunnan TV 1	TV	O	
8145	CHINASAT 6B	115.5	3951	V	9520	3/4	Beijing TV	TV	O	
8146	CHINASAT 6B	115.5	3951	V	9520	3/4	Beijing TV Kaku	TV	O	
8147	CHINASAT 6B	115.5	3951	V	9520	3/4	Beijing News Radio	R	O	
8148	CHINASAT 6B	115.5	3951	V	9520	3/4	Beijing Public Service Radio	R	O	
8149	CHINASAT 6B	115.5	3960	H	3570	3/4	Liaoning TV	TV	O	
8150	CHINASAT 6B	115.5	3971	H	10000	3/4	Jiangsu TV	TV	O	
8151	CHINASAT 6B	115.5	3971	H	10000	3/4	You Man Cartoon Channel	TV	O	
8152	CHINASAT 6B	115.5	3980	V	27500	3/4	Super Channel (China)	TV		O
8153	CHINASAT 6B	115.5	3980	V	27500	3/4	CCTV Travel of the Discovery	TV		O
8154	CHINASAT 6B	115.5	3980	V	27500	3/4	CCTV Old Story Channel	TV		O
8155	CHINASAT 6B	115.5	3980	V	27500	3/4	Handwriting Channel	TV		O
8156	CHINASAT 6B	115.5	3980	V	27500	3/4	CCTV Billiards	TV		O
8157	CHINASAT 6B	115.5	3980	V	27500	3/4	CCTV Home Shopping	TV	O	
8158	CHINASAT 6B	115.5	3980	V	27500	3/4	CCTV Fashionable Woman	TV		O
8159	CHINASAT 6B	115.5	3980	V	27500	3/4	Happy Fishing	TV		O
8160	CHINASAT 6B	115.5	3980	V	27500	3/4	Woman TV	TV		O
8161	CHINASAT 6B	115.5	3980	V	27500	3/4	CCTV Health	TV		O
8162	CHINASAT 6B	115.5	4000	H	27500	3/4	CETV 1	TV	O	
8163	CHINASAT 6B	115.5	4020	V	27500	3/4	Oriental Logistics Channel	TV		O
8164	CHINASAT 6B	115.5	4020	V	27500	3/4	CETV Early Education	TV		O
8165	CHINASAT 6B	115.5	4020	V	27500	3/4	Caimin Zaixian	TV		O
8166	CHINASAT 6B	115.5	4020	V	27500	3/4	CCCC TV	TV		O
8167	CHINASAT 6B	115.5	4020	V	27500	3/4	Martial Arts World	TV		O
8168	CHINASAT 6B	115.5	4020	V	27500	3/4	Golfbox	TV		O
8169	CHINASAT 6B	115.5	4020	V	27500	3/4	English Teaching Channel	TV		O
8170	CHINASAT 6B	115.5	4020	V	27500	3/4	Photographic Channel	TV		O
8171	CHINASAT 6B	115.5	4040	H	27500	3/4	CBN ITV	TV		O
8172	CHINASAT 6B	115.5	4040	H	27500	3/4	Lucky Channel	TV		O
8173	CHINASAT 6B	115.5	4040	H	27500	3/4	Newsreel Documentary	TV		O
8174	CHINASAT 6B	115.5	4040	H	27500	3/4	Game Channel	TV		O
8175	CHINASAT 6B	115.5	4040	H	27500	3/4	GreatSports Channel	TV		O
8176	CHINASAT 6B	115.5	4040	H	27500	3/4	Dragon TV North America	TV		O



순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
8177	CHINASAT 6B	115.5	4040	H	27500	3/4	Channel Cartoon	TV		O
8178	CHINASAT 6B	115.5	4040	H	27500	3/4	Laonian Fu	TV		O
8179	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV TV Guide	TV		O
8180	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Classic	TV		O
8181	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV National Defense Military Affairs	TV		O
8182	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Fashion Music	TV		O
8183	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Remembers Past Times Theater	TV		O
8184	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Soccer	TV		O
8185	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Golf & Tennis	TV		O
8186	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Theater	TV		O
8187	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV Drama	TV		O
8188	CHINASAT 6B	115.5	4060	V	27500	3/4	CCTV World Geography	TV		O
8189	CHINASAT 6B	115.5	4080	H	27500	3/4	Legal Channel	TV		O
8190	CHINASAT 6B	115.5	4080	H	27500	3/4	Channel Joy	TV		O
8191	CHINASAT 6B	115.5	4080	H	27500	3/4	City Play	TV		O
8192	CHINASAT 6B	115.5	4080	H	27500	3/4	Channel Max	TV		O
8193	CHINASAT 6B	115.5	4080	H	27500	3/4	Channel Elan	TV		O
8194	CHINASAT 6B	115.5	4080	H	27500	3/4	Colourful Stage	TV		O
8195	CHINASAT 6B	115.5	4080	H	27500	3/4	Golden Life	TV		O
8196	CHINASAT 6B	115.5	4080	H	27500	3/4	Oriental CJ Shopping 1	TV		O
8197	CHINASAT 6B	115.5	4080	H	27500	3/4	Channel Young	TV		O
8198	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV 4 Asia	TV	O	
8199	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV News	TV	O	
8200	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV Francais	TV	O	
8201	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV Español	TV	O	
8202	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV Russkij	TV	O	
8203	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV Arabic	TV	O	
8204	CHINASAT 6B	115.5	4116	H	21374	3/4	CCTV 9 Documentary	TV	O	
8205	CHINASAT 6B	115.5	4140	V	27500	3/4	Auto Channel	TV		O
8206	CHINASAT 6B	115.5	4140	V	27500	3/4	GTV (China)	TV		O
8207	CHINASAT 6B	115.5	4140	V	27500	3/4	Basketball Channel	TV		O
8208	CHINASAT 6B	115.5	4140	V	27500	3/4	Channel Dressy	TV		O
8209	CHINASAT 6B	115.5	4140	V	27500	3/4	RTG Study Abroad	TV		O
8210	CHINASAT 6B	115.5	4140	V	27500	3/4	Liyuan TV	TV		O
8211	CHINASAT 6B	115.5	4140	V	27500	3/4	Tea Channel	TV		O
8212	CHINASAT 6B	115.5	4140	V	27500	3/4	DV Channel	TV		O
8213	CHINASAT 6B	115.5	4140	V	27500	3/4	Tianyuan I-Go Channel	TV		O
8214	CHINASAT 6B	115.5	4147	H	6150	3/4	Hubei TV	TV	O	
8215	CHINASAT 6B	115.5	4147	H	6150	3/4	Hubei People's Radio	R	O	
8216	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai TV	TV	O	
8217	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai TV Comprehensive	TV	O	
8218	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai People's News Radio	R	O	
8219	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai People's Satellite Radio	R	O	
8220	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai People's Economic Radio 1	R	O	
8221	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai People's Economic Radio 2	R	O	
8222	CHINASAT 6B	115.5	4158	H	8680	3/4	Qinghai Traffic and Music Radio	R	O	
8223	CHINASAT 6B	115.5	4171	H	9200	3/4	Nei Monggol Chinese TV	TV	O	
8224	CHINASAT 6B	115.5	4171	H	9200	3/4	Nei Monggol TV	TV	O	
8225	CHINASAT 6B	115.5	4171	H	9200	3/4	Nei Monggol People's Radio	R	O	
8226	CHINASAT 6B	115.5	4171	H	9200	3/4	Nei Monggol People's Radio	R	O	
8227	CHINASAT 6B	115.5	4171	H	9200	3/4	Nei Monggol People's Radio	R	O	
8228	CHINASAT 6B	115.5	4171	H	9200	3/4	Nei Monggol People's Radio	R	O	
8229	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 1 Voice of China	R	O	
8230	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 2 Voice of Finance	R	O	
8231	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 3 Voice of Music	R	O	
8232	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 4 Voice of City	R	O	
8233	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 5 Taiwan service 1	R	O	
8234	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 6 Taiwan service 2	R	O	
8235	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 7 Voice of Huaxia FM 104.9	R	O	
8236	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 8 Minorities service	R	O	
8237	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 9 Story Radio	R	O	
8238	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 1 Voice of China	R	O	
8239	CHINASAT 6B	115.5	4175	V	18000	1/2	CNR 7 Voice of Huaxia FM 87.8	R	O	
8240	CHINASAT 6B	115.5	4175	V	18000	1/2	CRI Easy FM	R	O	
8241	CHINASAT 6B	115.5	4175	V	18000	1/2	CRI Hit FM 88.7	R	O	
8242	CHINASAT 6B	115.5	4175	V	18000	1/2	CRI Newsradio	R	O	
8243	CHINASAT 6B	115.5	4175	V	18000	1/2	CRI Newsradio	R	O	
8244	CHINASAT 6B	115.5	4175	V	18000	1/2	CRI Newsradio	R	O	
8245	CHINASAT 6B	115.5	4192	V	6000	3/4	Hebei TV	TV	O	
8246	CHINASAT 6B	115.5	4192	V	6000	3/4	Hebei People's Radio	R	O	
8247	CHINASAT 6B	115.5	4192	V	6000	3/4	Hebei Music Radio	R	O	
8248	CHINASAT 6B	115.5	4192	V	6000	3/4	Hebei Economic Radio	R	O	
8249	CHINASAT 6B	115.5	4192	V	6000	3/4	Hebei Life Radio	R	O	
8250	CHINASAT 6B	115.5	4192	V	6000	3/4	Hebei City Radio	R	O	
8251	KOREASAT 6	116	11747	CL	21300	5/6	Channel A	TV		O
8252	KOREASAT 6	116	11747	CL	21300	5/6	JTBC	TV		O
8253	KOREASAT 6	116	11747	CL	21300	5/6	TV Chosun	TV		O
8254	KOREASAT 6	116	11747	CL	21300	5/6	SBS Plus	TV		O
8255	KOREASAT 6	116	11747	CL	21300	5/6	KBS Drama	TV		O
8256	KOREASAT 6	116	11747	CL	21300	5/6	KBS TV 1	TV		O
8257	KOREASAT 6	116	11747	CL	21300	5/6	OCN	TV		O
8258	KOREASAT 6	116	11747	CL	21300	5/6	MBN	TV		O
8259	KOREASAT 6	116	11747	CL	21300	5/6	Super Action	TV		O
8260	KOREASAT 6	116	11747	CL	21300	5/6	EBS 1	TV		O
8261	KOREASAT 6	116	11747	CL	21300	5/6	KBS TV 1	TV		O
8262	KOREASAT 6	116	11785	CL	21300	7/8	YTN	TV		O
8263	KOREASAT 6	116	11785	CL	21300	7/8	TVN	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
8264	KOREASAT 6	116	11785	CL	21300	7/8	Sky Travel	TV		○
8265	KOREASAT 6	116	11785	CL	21300	7/8	News Y	TV		○
8266	KOREASAT 6	116	11785	CL	21300	7/8	CNTV (South Korea)	TV		○
8267	KOREASAT 6	116	11785	CL	21300	7/8	Inet-TV	TV		○
8268	KOREASAT 6	116	11785	CL	21300	7/8	KBS TV 1	TV		○
8269	KOREASAT 6	116	11823	CL	21300	5/6	MBC (South Korea)	TV		○
8270	KOREASAT 6	116	11823	CL	21300	5/6	MBC (South Korea)	TV		○
8271	KOREASAT 6	116	11823	CL	21300	5/6	MBC (South Korea)	TV		○
8272	KOREASAT 6	116	11823	CL	21300	5/6	KBS Joy	TV		○
8273	KOREASAT 6	116	11823	CL	21300	5/6	SBS Golf	TV		○
8274	KOREASAT 6	116	11823	CL	21300	5/6	KBS TV 1	TV		○
8275	KOREASAT 6	116	11823	CL	21300	5/6	JTBC Golf	TV		○
8276	KOREASAT 6	116	11823	CL	21300	5/6	CJ Mall	TV		○
8277	KOREASAT 6	116	11823	CL	21300	5/6	SBS Sports	TV		○
8278	KOREASAT 6	116	11823	CL	21300	5/6	KBS TV 1	TV		○
8279	KOREASAT 6	116	11862	CL	21300	5/6	Tooniverse	TV		○
8280	KOREASAT 6	116	11862	CL	21300	5/6	Eurosport Asia	TV		○
8281	KOREASAT 6	116	11862	CL	21300	5/6	MBC Gyeongnam Changwon	TV		○
8282	KOREASAT 6	116	11862	CL	21300	5/6	Daejeon MBC	TV		○
8283	KOREASAT 6	116	11862	CL	21300	5/6	Wonju MBC	TV		○
8284	KOREASAT 6	116	11862	CL	21300	5/6	KBS N Sports	TV		○
8285	KOREASAT 6	116	11862	CL	21300	5/6	MBC Sports +	TV		○
8286	KOREASAT 6	116	11862	CL	21300	5/6	KBS TV 1	TV		○
8287	KOREASAT 6	116	11862	CL	21300	5/6	KBS TV 1	TV		○
8288	KOREASAT 6	116	11862	CL	21300	5/6	Kids Talk Talk	TV		○
8289	KOREASAT 6	116	11900	CL	21300	2/3	SBS (South Korea)	TV		○
8290	KOREASAT 6	116	11900	CL	21300	2/3	KBS TV 2	TV		○
8291	KOREASAT 6	116	11900	CL	21300	2/3	KBS TV 1	TV		○
8292	KOREASAT 6	116	11900	CL	21300	2/3	MBC (South Korea)	TV		○
8293	KOREASAT 6	116	11938	CL	21300	5/6	MBC Drama (South Korea)	TV		○
8294	KOREASAT 6	116	11938	CL	21300	5/6	SBS funE	TV		○
8295	KOREASAT 6	116	11938	CL	21300	5/6	MBC (South Korea)	TV		○
8296	KOREASAT 6	116	11938	CL	21300	5/6	MBC (South Korea)	TV		○
8297	KOREASAT 6	116	11938	CL	21300	5/6	MBC (South Korea)	TV		○
8298	KOREASAT 6	116	11938	CL	21300	5/6	Channel CGV	TV		○
8299	KOREASAT 6	116	11938	CL	21300	5/6	Disney Channel Korea	TV		○
8300	KOREASAT 6	116	11938	CL	21300	5/6	KBS TV 1	TV		○
8301	KOREASAT 6	116	11938	CL	21300	5/6	KBS TV 1	TV		○
8302	KOREASAT 6	116	11938	CL	21300	5/6	KBS TV 1	TV		○
8303	KOREASAT 6	116	11938	CL	21300	5/6	KBS TV 1	TV		○
8304	KOREASAT 6	116	11938	CL	21300	5/6	AXN HD Korea	TV		○
8305	KOREASAT 6	116	12290	H	27489	3/4	O'live	TV		○
8306	KOREASAT 6	116	12290	H	27489	3/4	On Style	TV		○
8307	KOREASAT 6	116	12290	H	27489	3/4	Disney Junior Korea	TV		○
8308	KOREASAT 6	116	12290	H	27489	3/4	M Net	TV		○
8309	KOREASAT 6	116	12290	H	27489	3/4	TBC (South Korea)	TV		○
8310	KOREASAT 6	116	12290	H	27489	3/4	UBC (South Korea)	TV		○
8311	KOREASAT 6	116	12290	H	27489	3/4	MBC (South Korea)	TV		○
8312	KOREASAT 6	116	12290	H	27489	3/4	XTM	TV		○
8313	KOREASAT 6	116	12290	H	27489	3/4	KTV (South Korea)	TV		○
8314	KOREASAT 6	116	12290	H	27489	3/4	E-Channel	TV		○
8315	KOREASAT 6	116	12290	H	27489	3/4	Jeju MBC	TV		○
8316	KOREASAT 6	116	12290	H	27489	3/4	Sports promo	TV		○
8317	KOREASAT 6	116	12290	H	27489	3/4	Asia N	TV		○
8318	KOREASAT 6	116	12290	H	27489	3/4	Sky Ent	TV		○
8319	KOREASAT 6	116	12330	H	27489	3/4	Story on	TV		○
8320	KOREASAT 6	116	12330	H	27489	3/4	MBC (South Korea)	TV		○
8321	KOREASAT 6	116	12330	H	27489	3/4	Telenovela	TV		○
8322	KOREASAT 6	116	12330	H	27489	3/4	CJB	TV		○
8323	KOREASAT 6	116	12330	H	27489	3/4	TJB	TV		○
8324	KOREASAT 6	116	12330	H	27489	3/4	Q TV (South Korea)	TV		○
8325	KOREASAT 6	116	12330	H	27489	3/4	JIBS	TV		○
8326	KOREASAT 6	116	12330	H	27489	3/4	Sky Sports	TV		○
8327	KOREASAT 6	116	12330	H	27489	3/4	Classica Asia	TV		○
8328	KOREASAT 6	116	12330	H	27489	3/4	D-One	TV		○
8329	KOREASAT 6	116	12330	H	27489	3/4	Nat Geo People Asia	TV		○
8330	KOREASAT 6	116	12330	H	27489	3/4	MBC (South Korea)	TV		○
8331	KOREASAT 6	116	12330	H	27489	3/4	OBS	TV		○
8332	KOREASAT 6	116	12330	H	27489	3/4	Arte TV	TV		○
8333	KOREASAT 6	116	12350	V	26700	7/8	KSPO	TV		○
8334	KOREASAT 6	116	12350	V	26700	7/8	CGN TV	TV		○
8335	KOREASAT 6	116	12350	V	26700	7/8	KM	TV		○
8336	KOREASAT 6	116	12350	V	26700	7/8	JU Network	TV		○
8337	KOREASAT 6	116	12350	V	26700	7/8	E-Channel	TV		○
8338	KOREASAT 6	116	12350	V	26700	7/8	Lotte Home Shopping	TV		○
8339	KOREASAT 6	116	12350	V	26700	7/8	NS Homeshopping	TV		○
8340	KOREASAT 6	116	12350	V	26700	7/8	Hyundai Mall	TV		○
8341	KOREASAT 6	116	12370	H	27489	3/4	Shopping promo	TV		○
8342	KOREASAT 6	116	12370	H	27489	3/4	Anibox	TV		○
8343	KOREASAT 6	116	12370	H	27489	3/4	Y Star	TV		○
8344	KOREASAT 6	116	12370	H	27489	3/4	Viki	TV		○
8345	KOREASAT 6	116	12370	H	27489	3/4	MBC (South Korea)	TV		○
8346	KOREASAT 6	116	12370	H	27489	3/4	MBC (South Korea)	TV		○
8347	KOREASAT 6	116	12370	H	27489	3/4	Lotte Home Shopping	TV		○
8348	KOREASAT 6	116	12370	H	27489	3/4	Wow TV (South Korea)	TV		○
8349	KOREASAT 6	116	12370	H	27489	3/4	Home Story	TV		○
8350	KOREASAT 6	116	12370	H	27489	3/4	Channel J	TV		○

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
8351	KOREASAT 6	116	12370	H	27489	3/4	Business & TV	TV		O
8352	KOREASAT 6	116	12370	H	27489	3/4	MBC (South Korea)	TV		O
8353	KOREASAT 6	116	12370	H	27489	3/4	Pax TV (South Korea)	TV		O
8354	KOREASAT 6	116	12410	H	27489	3/4	Sky UHD	TV		O
8355	KOREASAT 6	116	12410	H	27489	3/4	Sky UHD 2	TV		O
8356	KOREASAT 6	116	12450	H	27489	3/4	CBN	TV		O
8357	KOREASAT 6	116	12450	H	27489	3/4	CCTV 4 Asia	TV		O
8358	KOREASAT 6	116	12450	H	27489	3/4	EBS Plus 2	TV		O
8359	KOREASAT 6	116	12450	H	27489	3/4	BBC World News Asia Pacific	TV		O
8360	KOREASAT 6	116	12450	H	27489	3/4	RTV (South Korea)	TV		O
8361	KOREASAT 6	116	12450	H	27489	3/4	Consumer TV	TV		O
8362	KOREASAT 6	116	12450	H	27489	3/4	STB	TV		O
8363	KOREASAT 6	116	12450	H	27489	3/4	JEI English TV	TV		O
8364	KOREASAT 6	116	12450	H	27489	3/4	KBS TV 1	TV		O
8365	KOREASAT 6	116	12450	H	27489	3/4	Fishing TV	TV		O
8366	KOREASAT 6	116	12450	H	27489	3/4	NHK World TV	TV		O
8367	KOREASAT 6	116	12450	H	27489	3/4	CBS (South Korea)	TV		O
8368	KOREASAT 6	116	12450	H	27489	3/4	FX Korea	TV		O
8369	KOREASAT 6	116	12450	H	27489	3/4	ETN-TV	TV		O
8370	KOREASAT 6	116	12450	H	27489	3/4	CTS (South Korea)	TV		O
8371	KOREASAT 6	116	12450	H	27489	3/4	BBC Entertainment Asia	TV		O
8372	KOREASAT 6	116	12450	H	27489	3/4	CCTV News	TV		O
8373	KOREASAT 6	116	12450	H	27489	3/4	Noll TV	TV		O
8374	KOREASAT 6	116	12450	H	27489	3/4	SBS MTV	TV		O
8375	KOREASAT 6	116	12450	H	27489	3/4	SEN	TV		O
8376	KOREASAT 6	116	12450	H	27489	3/4	TV Work Net	TV		O
8377	KOREASAT 6	116	12450	H	27489	3/4	Real Estate TV Network	TV		O
8378	KOREASAT 6	116	12450	H	27489	3/4	National Assembly TV	TV		O
8379	KOREASAT 6	116	12450	H	27489	3/4	MovieChoice	TV		O
8380	KOREASAT 6	116	12450	H	27489	3/4	MovieChoice	TV		O
8381	KOREASAT 6	116	12450	H	27489	3/4	Hanbang TV	TV		O
8382	KOREASAT 6	116	12450	H	27489	3/4	KFN TV	TV		O
8383	KOREASAT 6	116	12450	H	27489	3/4	EBS English	TV		O
8384	KOREASAT 6	116	12450	H	27489	3/4	WBC	TV		O
8385	KOREASAT 6	116	12450	H	27489	3/4	Highlight TV	TV		O
8386	KOREASAT 6	116	12450	H	27489	3/4	RedChoice	TV		O
8387	KOREASAT 6	116	12450	H	27489	3/4	BBS	TV		O
8388	KOREASAT 6	116	12450	H	27489	3/4	MovieChoice	TV		O
8389	KOREASAT 6	116	12450	H	27489	3/4	RedChoice	TV		O
8390	KOREASAT 6	116	12450	H	27489	3/4	RedChoice	TV		O
8391	KOREASAT 6	116	12450	H	27489	3/4	RedChoice	TV		O
8392	KOREASAT 6	116	12450	H	27489	3/4	EBS Plus 1	TV		O
8393	KOREASAT 6	116	12450	H	27489	3/4	PBC TV	TV		O
8394	KOREASAT 6	116	12450	H	27489	3/4	OUN	TV		O
8395	KOREASAT 6	116	12450	H	27489	3/4	BTN	TV		O
8396	KOREASAT 6	116	12450	H	27489	3/4	NHK World Premium	TV		O
8397	KOREASAT 6	116	12450	H	27489	3/4	Cartoon Network Korea	TV		O
8398	KOREASAT 6	116	12450	H	27489	3/4	CNN International Asia Pacific	TV		O
8399	KOREASAT 6	116	12490	H	27489	3/4	National Geographic Channel Korea	TV		O
8400	KOREASAT 6	116	12490	H	27489	3/4	Catch On	TV		O
8401	KOREASAT 6	116	12490	H	27489	3/4	FTV (South Korea)	TV		O
8402	KOREASAT 6	116	12490	H	27489	3/4	Discovery HD World South East Asia	TV		O
8403	KOREASAT 6	116	12490	H	27489	3/4	Badoo TV	TV		O
8404	KOREASAT 6	116	12490	H	27489	3/4	SkyGuide	TV		O
8405	KOREASAT 6	116	12490	H	27489	3/4	K Shopping	TV		O
8406	KOREASAT 6	116	12490	H	27489	3/4	YTN Weather	TV		O
8407	KOREASAT 6	116	12490	H	27489	3/4	MovieChoice	TV		O
8408	KOREASAT 6	116	12490	H	27489	3/4	RedChoice	TV		O
8409	KOREASAT 6	116	12490	H	27489	3/4	Sky PetPark	TV		O
8410	KOREASAT 6	116	12490	H	27489	3/4	Sky Healing	TV		O
8411	KOREASAT 6	116	12490	H	27489	3/4	BBC World Service	TV		O
8412	KOREASAT 6	116	12490	H	27489	3/4	KBS TV 1	TV		O
8413	KOREASAT 6	116	12490	H	27489	3/4	KBS TV 2	TV		O
8414	KOREASAT 6	116	12490	H	27489	3/4	KBS 1 Radio	R		O
8415	KOREASAT 6	116	12490	H	27489	3/4	KBS Classic FM	R		O
8416	KOREASAT 6	116	12490	H	27489	3/4	KBS 2 Radio	R		O
8417	KOREASAT 6	116	12490	H	27489	3/4	KBS 3 Radio	R		O
8418	KOREASAT 6	116	12530	H	27489	3/4	Hyundai Home Shopping +Shop	TV		O
8419	KOREASAT 6	116	12530	H	27489	3/4	MovieChoice	TV		O
8420	KOREASAT 6	116	12530	H	27489	3/4	Outdoor Channel International	TV		O
8421	KOREASAT 6	116	12530	H	27489	3/4	MovieChoice	TV		O
8422	KOREASAT 6	116	12530	H	27489	3/4	Nickelodeon Korea	TV		O
8423	KOREASAT 6	116	12530	H	27489	3/4	Dramax	TV		O
8424	KOREASAT 6	116	12530	H	27489	3/4	My Cinema Europe	TV		O
8425	KOREASAT 6	116	12530	H	27489	3/4	Talent TV	TV		O
8426	KOREASAT 6	116	12530	H	27489	3/4	Screen	TV		O
8427	KOREASAT 6	116	12530	H	27489	3/4	SBS CNBC	TV		O
8428	KOREASAT 6	116	12530	H	27489	3/4	MTN	TV		O
8429	KOREASAT 6	116	12530	H	27489	3/4	Drama H	TV		O
8430	KOREASAT 6	116	12530	H	27489	3/4	Sundance Channel East Asia	TV		O
8431	KOREASAT 6	116	12570	H	27489	3/4	Midnight Channel	TV		O
8432	KOREASAT 6	116	12570	H	27489	3/4	KBS Kids	TV		O
8433	KOREASAT 6	116	12570	H	27489	3/4	Food TV (South Korea)	TV		O
8434	KOREASAT 6	116	12570	H	27489	3/4	Nat Geo Wild HD Asia	TV		O
8435	KOREASAT 6	116	12570	H	27489	3/4	G1	TV		O
8436	KOREASAT 6	116	12570	H	27489	3/4	History HD Korea	TV		O
8437	KOREASAT 6	116	12570	H	27489	3/4	Tomato TV	TV		O

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8438	KOREASAT 6	116	12570	H	27489	3/4	GTV (South Korea)	TV		O
8439	KOREASAT 6	116	12570	H	27489	3/4	OCN Series	TV		O
8440	KOREASAT 6	116	12570	H	27489	3/4	KNN (South Korea)	TV		O
8441	KOREASAT 6	116	12570	H	27489	3/4	AniPlus Korea	TV		O
8442	KOREASAT 6	116	12570	H	27489	3/4	Andong MBC	TV		O
8443	KOREASAT 6	116	12570	H	27489	3/4	Mokpo MBC	TV		O
8444	KOREASAT 6	116	12570	H	27489	3/4	Sky ICT	TV		O
8445	KOREASAT 6	116	12610	H	27489	3/4	MBC QueenN	TV		O
8446	KOREASAT 6	116	12610	H	27489	3/4	OBS W	TV		O
8447	KOREASAT 6	116	12610	H	27489	3/4	C Music TV	TV		O
8448	KOREASAT 6	116	12610	H	27489	3/4	Arirang Korea	TV		O
8449	KOREASAT 6	116	12610	H	27489	3/4	Sky UHD	TV		O
8450	KOREASAT 6	116	12610	H	27489	3/4	YTN Science	TV		O
8451	KOREASAT 6	116	12610	H	27489	3/4	Kids TV	TV		O
8452	KOREASAT 6	116	12610	H	27489	3/4	AniOne TV	TV		O
8453	KOREASAT 6	116	12610	H	27489	3/4	MBC Music	TV		O
8454	KOREASAT 6	116	12610	H	27489	3/4	MBC Every 1	TV		O
8455	KOREASAT 6	116	12650	H	27489	3/4	K-Baduk	TV		O
8456	KOREASAT 6	116	12650	H	27489	3/4	Catch On plus	TV		O
8457	KOREASAT 6	116	12650	H	27489	3/4	OnGameNet	TV		O
8458	KOREASAT 6	116	12650	H	27489	3/4	Comedy TV (South Korea)	TV		O
8459	KOREASAT 6	116	12650	H	27489	3/4	Animal Planet South East Asia	TV		O
8460	KOREASAT 6	116	12650	H	27489	3/4	China TV	TV		O
8461	KOREASAT 6	116	12650	H	27489	3/4	Living TV	TV		O
8462	KOREASAT 6	116	12650	H	27489	3/4	JB Sports	TV		O
8463	KOREASAT 6	116	12650	H	27489	3/4	Edge TV	TV		O
8464	KOREASAT 6	116	12650	H	27489	3/4	Sky A&C	TV		O
8465	KOREASAT 6	116	12650	H	27489	3/4	Mmoney	TV		O
8466	KOREASAT 6	116	12650	H	27489	3/4	Mplex	TV		O
8467	KOREASAT 6	116	12650	H	27489	3/4	KBS W	TV		O
8468	KOREASAT 6	116	12650	H	27489	3/4	CNN USA	TV		O
8469	KOREASAT 6	116	12670	V	26700	7/8	Ching	TV		O
8470	KOREASAT 6	116	12670	V	26700	7/8	Trend E	TV		O
8471	KOREASAT 6	116	12670	V	26700	7/8	Indie Film	TV		O
8472	KOREASAT 6	116	12670	V	26700	7/8	Badook TV	TV		O
8473	KOREASAT 6	116	12670	V	26700	7/8	China TV	TV		O
8474	KOREASAT 6	116	12670	V	26700	7/8	Fashion N	TV		O
8475	KOREASAT 6	116	12670	V	26700	7/8	Screen	TV		O
8476	KOREASAT 6	116	12670	V	26700	7/8	View	TV		O
8477	KOREASAT 6	116	12670	V	26700	7/8	KTV (South Korea)	TV	O	
8478	KOREASAT 6	116	12670	V	26700	7/8	KBS TV 1	TV		O
8479	KOREASAT 6	116	12690	H	27489	3/4	Playboy TV Korea	TV		O
8480	KOREASAT 6	116	12690	H	27489	3/4	MBC Gyeongnam Changwon	TV		O
8481	KOREASAT 6	116	12690	H	27489	3/4	SpoTV +	TV		O
8482	KOREASAT 6	116	12690	H	27489	3/4	JTV (South Korea)	TV		O
8483	KOREASAT 6	116	12690	H	27489	3/4	KBC (South Korea)	TV		O
8484	KOREASAT 6	116	12690	H	27489	3/4	Sky Drama	TV		O
8485	KOREASAT 6	116	12690	H	27489	3/4	Hyundai Mall	TV		O
8486	KOREASAT 6	116	12690	H	27489	3/4	NS Homeshopping	TV		O
8487	KOREASAT 6	116	12690	H	27489	3/4	GS Shop	TV		O
8488	KOREASAT 6	116	12690	H	27489	3/4	Home & Shopping	TV		O
8489	KOREASAT 6	116	12730	H	27489	3/4	Dream & Shopping	TV		O
8490	KOREASAT 6	116	12730	H	27489	3/4	KBS N Life	TV		O
8491	KOREASAT 6	116	12730	H	27489	3/4	Star Sports Korea	TV		O
8492	KOREASAT 6	116	12730	H	27489	3/4	The Movie Channel Korea	TV		O
8493	KOREASAT 6	116	12730	H	27489	3/4	Fox Korea	TV		O
8494	KOREASAT 6	116	12730	H	27489	3/4	Animax Korea	TV		O
8495	KOREASAT 6	116	12730	H	27489	3/4	BBC Knowledge Asia	TV		O
8496	KOREASAT 6	116	12730	H	27489	3/4	Brain TV	TV		O
8497	KOREASAT 6	116	12730	H	27489	3/4	Edaily TV	TV		O
8498	KOREASAT 6	116	12730	H	27489	3/4	DramaCube	TV		O
8499	KOREASAT 6	116	12730	H	27489	3/4	Billiards TV	TV		O
8500	KOREASAT 6	116	12730	H	27489	3/4	Hero Action	TV		O
8501	KOREASAT 6	116	12730	H	27489	3/4	MBCNet	TV		O
8502	KOREASAT 6	116	12730	H	27489	3/4	Beyond Donga	TV		O
8503	THAICOM 4	119.5	11592	V	25000	1/2	CTB	TV		O
8504	THAICOM 4	119.5	11675	V	14520	2/3	SCTV(indonesia)	TV		O
8505	THAICOM 4	119.5	11675	V	14520	2/3	Indosiar	TV		O
8506	THAICOM 4	119.5	11675	V	14520	2/3	Tans TV	TV		O
8507	THAICOM 4	119.5	11675	V	14520	2/3	TVOne	TV		O
8508	THAICOM 4	119.5	11675	V	14520	2/3	RajawaliTV	TV		O
8509	THAICOM 4	119.5	11675	V	14520	2/3	Net	TV		O
8510	THAICOM 4	119.5	11675	V	14520	2/3	Tans 7	TV		O
8511	THAICOM 4	119.5	11675	V	14520	2/3	ANTV(indonesia)	TV		O
8512	THAICOM 4	119.5	11675	V	14520	2/3	Kompas TV	TV		O
8513	THAICOM 4	119.5	11675	V	14520	2/3	Metro TV(indonesia)	TV		O
8514	THAICOM 4	119.5	11675	V	14520	2/3	RTI	TV		O
8515	THAICOM 4	119.5	11675	V	14520	2/3	MNC TV	TV		O
8516	THAICOM 4	119.5	11675	V	14520	2/3	Global TV(indonesia)	TV		O
8517	THAICOM 4	119.5	12732	H	30000	2/3	TV 3 (Cambodia)	TV		O
8518	THAICOM 4	119.5	12732	H	30000	2/3	TV 5 Cambodia	TV		O
8519	THAICOM 4	119.5	12732	H	30000	2/3	TVK (Cambodia)	TV		O
8520	THAICOM 4	119.5	12732	H	30000	2/3	TV 9	TV		O
8521	THAICOM 4	119.5	12732	H	30000	2/3	Apsara TV	TV		O
8522	THAICOM 4	119.5	12732	H	30000	2/3	Bayon TV	TV		O
8523	THAICOM 4	119.5	12732	H	30000	2/3	Bayon TV News	TV		O
8524	THAICOM 4	119.5	12732	H	30000	2/3	HSC TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
8525	THAICOM 4	119.5	12732	H	30000	2/3	D Music	TV		O
8526	THAICOM 4	119.5	12732	H	30000	2/3	Komsan	TV		O
8527	THAICOM 4	119.5	12732	H	30000	2/3	D Variety	TV		O
8528	THAICOM 4	119.5	12732	H	30000	2/3	Hang Meas HDTV	TV		O
8529	THAICOM 4	119.5	12732	H	30000	2/3	SEA TV General	TV		O
8530	THAICOM 4	119.5	12732	H	30000	2/3	Thai TV 3	TV		O
8531	THAICOM 4	119.5	12732	H	30000	2/3	BBTV Channel 7	TV		O
8532	THAICOM 4	119.5	12732	H	30000	2/3	NBT TV	TV		O
8533	THAICOM 4	119.5	12732	H	30000	2/3	MCOT HD	TV		O
8534	THAICOM 4	119.5	12732	H	30000	2/3	DTV promo	TV		O
8535	THAICOM 4	119.5	12732	H	30000	2/3	RNK FM	R		O
8536	THAICOM 4	119.5	12732	H	30000	2/3	D Radio 1	R		O
8537	THAICOM 4	119.5	12732	H	30000	2/3	97.5 Love FM	R		O
8538	THAICOM 4	119.5	12732	H	30000	2/3	Radio FM 103	R		O
8539	THAICOM 4	119.5	12732	H	30000	2/3	ABC Cambodia	R		O
8540	THAICOM 4	119.5	12732	H	30000	2/3	RNK AM	R		O
8541	THAICOM 4	119.5	12732	H	30000	2/3	Tonle Radio Station	R		O
8542	THAICOM 4	119.5	12732	H	30000	2/3	D Radio 2	R		O
8543	THAICOM 4	119.5	12732	H	30000	2/3	Royal Cambodia Armed Forces Radio FM 98	R		O
8544	THAICOM 4	119.5	12732	H	30000	2/3	D Radio 3	R		O
8545	ASIASAT 4	122	4157	H	2170	3/4	Henan People's News Radio	R	O	
8546	ASIASAT 4	122	4157	H	2170	3/4	Henan Economy Radio	R	O	
8547	ASIASAT 4	122	4157	H	2170	3/4	Henan Traffic Radio	R	O	
8548	ASIASAT 4	122	4157	H	2170	3/4	Henan Opera Radio	R	O	
8549	ASIASAT 4	122	4157	H	2170	3/4	Henan Music Radio	R	O	
8550	ASIASAT 4	122	4157	H	2170	3/4	Henan Agricultural Radio	R	O	
8551	ASIASAT 4	122	4157	H	2170	3/4	Henan Tourism Radio	R	O	
8552	ASIASAT 4	122	4157	H	2170	3/4	My Radio	R	O	
8553	ASIASAT 4	122	4157	H	2170	3/4	Henan Education Radio	R	O	
8554	ASIASAT 4	122	4157	H	2170	3/4	Henan People's Radio	R	O	
8555	ASIASAT 4	122	4160	H	2300	3/4	TVBS Asia	TV		O
8556	ASIASAT 4	122	4164	H	5037	7/8	News Live	TV		O
8557	ASIASAT 4	122	4164	H	5037	7/8	Rang	TV		O
8558	ASIASAT 4	122	4164	H	5037	7/8	Ramdhenu	TV		O
8559	ASIASAT 4	122	4164	H	5037	7/8	North East Live	TV		O
8560	ASIASAT 4	122	4164	H	5037	7/8	Indradhanu	TV		O
8561	ASIASAT 4	122	11727	CR	25000	2/3	Phoenix Chinese Channel	TV		O
8562	ASIASAT 4	122	11727	CR	25000	2/3	Dish HD promo	TV		O
8563	ASIASAT 4	122	11727	CR	25000	2/3	CNN International Asia Pacific	TV		O
8564	ASIASAT 4	122	11727	CR	25000	2/3	Nat Geo Wild HD Asia	TV		O
8565	ASIASAT 4	122	11727	CR	25000	2/3	Fox Crime HD Asia	TV		O
8566	ASIASAT 4	122	11727	CR	25000	2/3	NHK World TV	TV		O
8567	ASIASAT 4	122	11727	CR	25000	2/3	Discovery HD World North East Asia	TV		O
8568	ASIASAT 4	122	11727	CR	25000	2/3	National Geographic Channel HD Asia	TV		O
8569	ASIASAT 4	122	11727	CR	25000	2/3	Life Inspired	TV		O
8570	ASIASAT 4	122	11727	CR	25000	2/3	Star Chinese Movies HD Taiwan	TV		O
8571	ASIASAT 4	122	11727	CR	25000	2/3	Food Network Asia	TV		O
8572	ASIASAT 4	122	11727	CR	25000	2/3	Classica Asia	TV		O
8573	ASIASAT 4	122	11766	CR	27500	2/3	ETTV News	TV		O
8574	ASIASAT 4	122	11766	CR	27500	2/3	ETTV Asia	TV		O
8575	ASIASAT 4	122	11766	CR	27500	2/3	Yoyo TV	TV		O
8576	ASIASAT 4	122	11766	CR	27500	2/3	Unique Business News	TV		O
8577	ASIASAT 4	122	11766	CR	27500	2/3	FTV (Taiwan)	TV		O
8578	ASIASAT 4	122	11766	CR	27500	2/3	Videoland Movie	TV		O
8579	ASIASAT 4	122	11766	CR	27500	2/3	Videoland Sports	TV		O
8580	ASIASAT 4	122	11766	CR	27500	2/3	TTV	TV		O
8581	ASIASAT 4	122	11766	CR	27500	2/3	CTS (Taiwan)	TV		O
8582	ASIASAT 4	122	11766	CR	27500	2/3	Videoland Japan	TV		O
8583	ASIASAT 4	122	11766	CR	27500	2/3	Videoland HD	TV		O
8584	ASIASAT 4	122	11766	CR	27500	2/3	Phoenix InfoNews Channel	TV		O
8585	ASIASAT 4	122	11804	CR	27500	2/3	Channel M HD	TV		O
8586	ASIASAT 4	122	11804	CR	27500	2/3	Nat Geo People Asia	TV		O
8587	ASIASAT 4	122	11804	CR	27500	2/3	Travel Channel HD Asia	TV		O
8588	ASIASAT 4	122	11804	CR	27500	2/3	FX HD Asia	TV		O
8589	ASIASAT 4	122	11804	CR	27500	2/3	Fox HD Asia	TV		O
8590	ASIASAT 4	122	11804	CR	27500	2/3	Luxe TV	TV		O
8591	ASIASAT 4	122	11804	CR	27500	2/3	FTV HD Asia	TV		O
8592	ASIASAT 4	122	11804	CR	27500	2/3	Star World HD Asia	TV		O
8593	ASIASAT 4	122	11881	CR	27500	2/3	English Premier League 1	TV		O
8594	ASIASAT 4	122	11881	CR	27500	2/3	English Premier League 2	TV		O
8595	ASIASAT 4	122	11881	CR	27500	2/3	English Premier League 3	TV		O
8596	ASIASAT 4	122	11881	CR	27500	2/3	English Premier League 4	TV		O
8597	ASIASAT 4	122	11881	CR	27500	2/3	English Premier League 5	TV		O
8598	ASIASAT 4	122	11881	CR	27500	2/3	Sonsee TV 3	TV		O
8599	ASIASAT 4	122	11881	CR	27500	2/3	Sky News UK	TV		O
8600	ASIASAT 4	122	11881	CR	27500	2/3	Fox News Channel	TV		O
8601	ASIASAT 4	122	11881	CR	27500	2/3	Sundance Channel East Asia	TV		O
8602	ASIASAT 4	122	11881	CR	27500	2/3	Star Movies HD Taiwan	TV		O
8603	ASIASAT 4	122	11881	CR	27500	2/3	Venus HD	TV		O
8604	ASIASAT 4	122	11881	CR	27500	2/3	Fox Family Movies HD	TV		O
8605	ASIASAT 4	122	11881	CR	27500	2/3	Golf Channel Asia	TV		O
8606	ASIASAT 4	122	11958	CR	27500	2/3	Discovery Kids South East Asia	TV		O
8607	ASIASAT 4	122	11958	CR	27500	2/3	Cartoon Network Asia	TV		O
8608	ASIASAT 4	122	11958	CR	27500	2/3	DW	TV		O
8609	ASIASAT 4	122	11958	CR	27500	2/3	Australia Plus TV Asia	TV		O
8610	ASIASAT 4	122	11958	CR	27500	2/3	Good TV (Taiwan)	TV		O
8611	ASIASAT 4	122	11958	CR	27500	2/3	Nickelodeon South East Asia	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
8612	ASIASAT 4	122	11958	CR	27500	2/3	Baby TV Asia	TV		O
8613	ASIASAT 4	122	11958	CR	27500	2/3	Discovery Science Channel South East Asia	TV		O
8614	ASIASAT 4	122	11958	CR	27500	2/3	Eve	TV		O
8615	ASIASAT 4	122	11958	CR	27500	2/3	DMAX Southeast Asia	TV		O
8616	ASIASAT 4	122	11958	CR	27500	2/3	Da Ai 2	TV		O
8617	ASIASAT 4	122	11958	CR	27500	2/3	AMC Asia	TV		O
8618	ASIASAT 4	122	11958	CR	27500	2/3	HBO Hits	TV		O
8619	ASIASAT 4	122	11958	CR	27500	2/3	HBO Family Asia	TV		O
8620	ASIASAT 4	122	11958	CR	27500	2/3	HBO Signature Asia	TV		O
8621	ASIASAT 4	122	11958	CR	27500	2/3	Warner TV Asia	TV		O
8622	ASIASAT 4	122	12034	CR	27500	2/3	ETTV Movie	TV		O
8623	ASIASAT 4	122	12034	CR	27500	2/3	ETTV Foreign Movie	TV		O
8624	ASIASAT 4	122	12034	CR	27500	2/3	CETV World	TV		O
8625	ASIASAT 4	122	12034	CR	27500	2/3	SET International	TV		O
8626	ASIASAT 4	122	12034	CR	27500	2/3	CTI TV News	TV		O
8627	ASIASAT 4	122	12034	CR	27500	2/3	CTI TV Variety	TV		O
8628	ASIASAT 4	122	12034	CR	27500	2/3	Comedy Central Asia	TV		O
8629	ASIASAT 4	122	12414	V	43200	2/3	Da Ai 2	TV		O
8630	ASIASAT 4	122	12414	V	43200	2/3	Hwazan Satellite TV	TV		O
8631	ASIASAT 4	122	12414	V	43200	2/3	Taiwan Macroview TV	TV		O
8632	ASIASAT 4	122	12414	V	43200	2/3	NTV (+7h)	TV		O
8633	ASIASAT 4	122	12414	V	43200	2/3	RTR Planeta	TV		O
8634	ASIASAT 4	122	12414	V	43200	2/3	9 Kanal	TV		O
8635	ASIASAT 4	122	12414	V	43200	2/3	RTV International	TV		O
8636	ASIASAT 4	122	12414	V	43200	2/3	TNT (Russia)	TV		O
8637	ASIASAT 4	122	12414	V	43200	2/3	Perviy kanal Asia	TV		O
8638	ASIASAT 4	122	12414	V	43200	2/3	Domashniy	TV		O
8639	ASIASAT 4	122	12414	V	43200	2/3	Rossiya 24	TV		O
8640	ASIASAT 4	122	12414	V	43200	2/3	5 Kanal	TV		O
8641	ASIASAT 4	122	12414	V	43200	2/3	Rossiya K	TV		O
8642	ASIASAT 4	122	12414	V	43200	2/3	Inter +	TV		O
8643	ASIASAT 4	122	12545	V	2400	3/4	ETTV News	TV		O
8644	ASIASAT 4	122	12743	H	10000	3/4	AsiaSat promo	TV		O
8645	JCSAT 4B	124	12268	V	23303	3/5	Channel 4K (13-19)	TV		O
8646	JCSAT 4B	124	12313	H	23303	3/5	Sukachan 13	TV		O
8647	JCSAT 4B	124	12313	H	23303	3/5	Site Seven TV	TV		O
8648	JCSAT 4B	124	12313	H	23303	3/5	Animal Planet Japan	TV		O
8649	JCSAT 4B	124	12313	H	23303	3/5	Speed Channel 1	TV		O
8650	JCSAT 4B	124	12313	H	23303	3/5	Local Keiba 9 2	TV		O
8651	JCSAT 4B	124	12313	H	23303	3/5	Vanillasky Channel	TV		O
8652	JCSAT 4B	124	12313	H	23303	3/5	Zap TV	TV		O
8653	JCSAT 4B	124	12313	H	23303	3/5	AV King	TV		O
8654	JCSAT 4B	124	12330	H	30000	5/6	Fox Action Movies	TV		O
8655	JCSAT 4B	124	12330	H	30000	5/6	Fox Family Movies	TV		O
8656	JCSAT 4B	124	12330	H	30000	5/6	CNN International Asia Pacific	TV		O
8657	JCSAT 4B	124	12330	H	30000	5/6	The First Comedy Network	TV		O
8658	JCSAT 4B	124	12330	H	30000	5/6	Trace Sport Stars	TV		O
8659	JCSAT 4B	124	12343	H	23303	3/5	InstrucTV (17-21)	TV		O
8660	JCSAT 4B	124	12343	H	23303	3/5	Pachinko Pachislo TV	TV		O
8661	JCSAT 4B	124	12358	V	23303	3/5	Channel Ginga	TV		O
8662	JCSAT 4B	124	12358	V	23303	3/5	Disney XD Japan	TV		O
8663	JCSAT 4B	124	12358	V	23303	3/5	Disney Junior Japan	TV		O
8664	JCSAT 4B	124	12358	V	23303	3/5	Japan Leisure Channel 684 HD	TV		O
8665	JCSAT 4B	124	12358	V	23303	3/5	Japan Leisure Channel 686	TV		O
8666	JCSAT 4B	124	12358	V	23303	3/5	Sexy Paradise	TV		O
8667	JCSAT 4B	124	12370	H	30000	5/6	Cinemax Asia	TV		O
8668	JCSAT 4B	124	12370	H	30000	5/6	Foodie	TV		O
8669	JCSAT 4B	124	12370	H	30000	5/6	Fox Sports Indonesia	TV		O
8670	JCSAT 4B	124	12373	H	23303	3/5	Sukachan 11	TV		O
8671	JCSAT 4B	124	12373	H	23303	3/5	Kayo Pops	TV		O
8672	JCSAT 4B	124	12373	H	23303	3/5	Speed Channel 5	TV		O
8673	JCSAT 4B	124	12388	V	23303	3/5	TV Globo Internacional Japão	TV		O
8674	JCSAT 4B	124	12388	V	23303	3/5	Music Air	TV		O
8675	JCSAT 4B	124	12410	H	30000	5/6	FX HD Asia	TV		O
8676	JCSAT 4B	124	12410	H	30000	5/6	Discovery HD World South East Asia	TV		O
8677	JCSAT 4B	124	12410	H	30000	5/6	Big Sales	TV		O
8678	JCSAT 4B	124	12410	H	30000	5/6	All Sports Network	TV		O
8679	JCSAT 4B	124	12418	V	23303	3/5	Victory Channel	TV		O
8680	JCSAT 4B	124	12418	V	23303	3/5	EX Sports	TV		O
8681	JCSAT 4B	124	12418	V	23303	3/5	Fashion TV Japan	TV		O
8682	JCSAT 4B	124	12418	V	23303	3/5	Ent! 959	TV		O
8683	JCSAT 4B	124	12432	H	23303	3/5	Igo Shogi Channel	TV		O
8684	JCSAT 4B	124	12432	H	23303	3/5	Tetsudo Channel	TV		O
8685	JCSAT 4B	124	12432	H	23303	3/5	Sukachan 6	TV		O
8686	JCSAT 4B	124	12432	H	23303	3/5	Sukachan 8	TV		O
8687	JCSAT 4B	124	12432	H	23303	3/5	Classica Japan	TV		O
8688	JCSAT 4B	124	12448	V	21096	3/4	Happy Science TV	TV		O
8689	JCSAT 4B	124	12448	V	21096	3/4	Sky Perfect JSAT promo	TV		O
8690	JCSAT 4B	124	12450	H	30000	5/6	Big Prepaid Info	TV		O
8691	JCSAT 4B	124	12450	H	30000	5/6	HBO Hits	TV		O
8692	JCSAT 4B	124	12450	H	30000	5/6	E! Asia & Pacific	TV		O
8693	JCSAT 4B	124	12450	H	30000	5/6	Fox Crime Asia	TV		O
8694	JCSAT 4B	124	12450	H	30000	5/6	NBA TV	TV		O
8695	JCSAT 4B	124	12450	H	30000	5/6	SPH Channel	TV		O
8696	JCSAT 4B	124	12450	H	30000	5/6	Discovery Kids South East Asia	TV		O
8697	JCSAT 4B	124	12450	H	30000	5/6	CCTV News	TV		O
8698	JCSAT 4B	124	12450	H	30000	5/6	CCTV Français	TV		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
8699	JCSAT 4B	124	12450	H	30000	5/6	CCTV Español	TV		O
8700	JCSAT 4B	124	12450	H	30000	5/6	Rodja TV	TV		O
8701	JCSAT 4B	124	12450	H	30000	5/6	Kairos	TV		O
8702	JCSAT 4B	124	12450	H	30000	5/6	Sunna TV (Saudi Arabia)	TV		O
8703	JCSAT 4B	124	12450	H	30000	5/6	MTV India	TV		O
8704	JCSAT 4B	124	12450	H	30000	5/6	Berita Satu English	TV		O
8705	JCSAT 4B	124	12450	H	30000	5/6	TV Mu	TV		O
8706	JCSAT 4B	124	12450	H	30000	5/6	Jaya TV (Indonesia)	TV		O
8707	JCSAT 4B	124	12450	H	30000	5/6	Papua TV	TV		O
8708	JCSAT 4B	124	12450	H	30000	5/6	Quran TV (Saudi Arabia)	TV		O
8709	JCSAT 4B	124	12450	H	30000	5/6	Berita Satu Sports	TV		O
8710	JCSAT 4B	124	12450	H	30000	5/6	TV 9 Nusantara	TV		O
8711	JCSAT 4B	124	12450	H	30000	5/6	Colors	TV		O
8712	JCSAT 4B	124	12450	H	30000	5/6	All Sports Network	TV		O
8713	JCSAT 4B	124	12450	H	30000	5/6	All Sports Network	TV		O
8714	JCSAT 4B	124	12450	H	30000	5/6	Star Cricket	TV		O
8715	JCSAT 4B	124	12490	H	30000	5/6	Big Channel List	TV		O
8716	JCSAT 4B	124	12490	H	30000	5/6	Fox Movies Premium HD	TV		O
8717	JCSAT 4B	124	12490	H	30000	5/6	J'go	TV		O
8718	JCSAT 4B	124	12490	H	30000	5/6	AMC Asia	TV		O
8719	JCSAT 4B	124	12490	H	30000	5/6	DMAX Southeast Asia	TV		O
8720	JCSAT 4B	124	12490	H	30000	5/6	Foodie	TV		O
8721	JCSAT 4B	124	12490	H	30000	5/6	Net	TV		O
8722	JCSAT 4B	124	12490	H	30000	5/6	Karaoke Channel	TV		O
8723	JCSAT 4B	124	12490	H	30000	5/6	Nat Geo Wild HD Asia	TV		O
8724	JCSAT 4B	124	12490	H	30000	5/6	Cartoon Network Asia	TV		O
8725	JCSAT 4B	124	12490	H	30000	5/6	Nickelodeon Indonesia	TV		O
8726	JCSAT 4B	124	12490	H	30000	5/6	KBS World Indonesia	TV		O
8727	JCSAT 4B	124	12490	H	30000	5/6	France 24 English	TV		O
8728	JCSAT 4B	124	12490	H	30000	5/6	Berita Satu News Channel	TV		O
8729	JCSAT 4B	124	12490	H	30000	5/6	Kompas TV	TV		O
8730	JCSAT 4B	124	12490	H	30000	5/6	TV Edukasi	TV		O
8731	JCSAT 4B	124	12490	H	30000	5/6	Now Baogu	TV		O
8732	JCSAT 4B	124	12490	H	30000	5/6	TV Edukasi 2	TV		O
8733	JCSAT 4B	124	12490	H	30000	5/6	TVB 8	TV		O
8734	JCSAT 4B	124	12490	H	30000	5/6	Al Jazeera Channel	TV		O
8735	JCSAT 4B	124	12490	H	30000	5/6	BeIn Sports 1 Indonesia	TV		O
8736	JCSAT 4B	124	12493	H	23303	3/5	Sukachan 0	TV		O
8737	JCSAT 4B	124	12493	H	23303	3/5	Fox BS 238	TV		O
8738	JCSAT 4B	124	12493	H	23303	3/5	Asia Dramatic TV	TV		O
8739	JCSAT 4B	124	12508	V	23303	3/5	Japanet Channel DX	TV		O
8740	JCSAT 4B	124	12508	V	23303	3/5	DATV	TV		O
8741	JCSAT 4B	124	12508	V	23303	3/5	KBS World Japan	TV		O
8742	JCSAT 4B	124	12508	V	23303	3/5	Japan Leisure Channel 680 HD	TV		O
8743	JCSAT 4B	124	12508	V	23303	3/5	Japan Leisure Channel 681	TV		O
8744	JCSAT 4B	124	12508	V	23303	3/5	Japan Leisure Channel 682	TV		O
8745	JCSAT 4B	124	12508	V	23303	3/5	Japan Leisure Channel 683	TV		O
8746	JCSAT 4B	124	12508	V	23303	3/5	Japan Leisure Channel 685	TV		O
8747	JCSAT 4B	124	12508	V	23303	3/5	Japan Leisure Channel 687	TV		O
8748	JCSAT 4B	124	12530	H	30000	5/6	Life Inspired	TV		O
8749	JCSAT 4B	124	12530	H	30000	5/6	NBA TV	TV		O
8750	JCSAT 4B	124	12530	H	30000	5/6	Sony Channel Asia	TV		O
8751	JCSAT 4B	124	12530	H	30000	5/6	Mix	TV		O
8752	JCSAT 4B	124	12530	H	30000	5/6	MTV Live HD	TV		O
8753	JCSAT 4B	124	12530	H	30000	5/6	History Asia	TV		O
8754	JCSAT 4B	124	12530	H	30000	5/6	Animal Planet South East Asia	TV		O
8755	JCSAT 4B	124	12530	H	30000	5/6	BabyFirst TV	TV		O
8756	JCSAT 4B	124	12530	H	30000	5/6	The Indonesia Channel	TV		O
8757	JCSAT 4B	124	12530	H	30000	5/6	CCTV 4 Asia	TV		O
8758	JCSAT 4B	124	12530	H	30000	5/6	CNC English	TV		O
8759	JCSAT 4B	124	12530	H	30000	5/6	Bloomberg TV Asia	TV		O
8760	JCSAT 4B	124	12530	H	30000	5/6	Channel NewsAsia	TV		O
8761	JCSAT 4B	124	12530	H	30000	5/6	O Channel	TV		O
8762	JCSAT 4B	124	12530	H	30000	5/6	TVRI Nasional	TV		O
8763	JCSAT 4B	124	12530	H	30000	5/6	TVOne	TV		O
8764	JCSAT 4B	124	12530	H	30000	5/6	TVB King He	TV		O
8765	JCSAT 4B	124	12530	H	30000	5/6	TVBS Asia	TV		O
8766	JCSAT 4B	124	12530	H	30000	5/6	Xing Kong International	TV		O
8767	JCSAT 4B	124	12530	H	30000	5/6	BeIn Sports 1 Indonesia	TV		O
8768	JCSAT 4B	124	12530	H	30000	5/6	BeIn Sports 2 Indonesia	TV		O
8769	JCSAT 4B	124	12530	H	30000	5/6	Fox Sports 2 Indonesia	TV		O
8770	JCSAT 4B	124	12530	H	30000	5/6	B1 Radio Indonesia	TV		O
8771	JCSAT 4B	124	12530	H	30000	5/6	B1 Radio English	TV		O
8772	JCSAT 4B	124	12538	V	23303	3/5	Sukachan 4	TV		O
8773	JCSAT 4B	124	12538	V	23303	3/5	Fox Sports Japan	TV		O
8774	JCSAT 4B	124	12538	V	23303	3/5	TBS Channel 2	TV		O
8775	JCSAT 4B	124	12553	H	23303	3/5	Tachikawa & Seibuen Keirin Channel	TV		O
8776	JCSAT 4B	124	12553	H	23303	3/5	Wowow Prime	TV		O
8777	JCSAT 4B	124	12553	H	23303	3/5	Star Channel 1	TV		O
8778	JCSAT 4B	124	12553	H	23303	3/5	Star Channel 2	TV		O
8779	JCSAT 4B	124	12553	H	23303	3/5	Star Channel 3	TV		O
8780	JCSAT 4B	124	12553	H	23303	3/5	National Geographic Channel Japan	TV		O
8781	JCSAT 4B	124	12568	V	23303	3/5	Foodies TV	TV		O
8782	JCSAT 4B	124	12570	H	30000	5/6	Big Show	TV		O
8783	JCSAT 4B	124	12570	H	30000	5/6	Cinemax Asia	TV		O
8784	JCSAT 4B	124	12570	H	30000	5/6	Syfy Universal Asia	TV		O
8785	JCSAT 4B	124	12570	H	30000	5/6	AXN Indonesia	TV		O

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8786	JCSAT 4B	124	12570	H	30000	5/6	Net	TV		O
8787	JCSAT 4B	124	12570	H	30000	5/6	National Geographic Channel Asia	TV		O
8788	JCSAT 4B	124	12570	H	30000	5/6	History HD Asia	TV		O
8789	JCSAT 4B	124	12570	H	30000	5/6	Discovery Science Channel South East Asia	TV		O
8790	JCSAT 4B	124	12570	H	30000	5/6	Disney Channel Indonesia	TV		O
8791	JCSAT 4B	124	12570	H	30000	5/6	Phoenix InfoNews Channel	TV		O
8792	JCSAT 4B	124	12570	H	30000	5/6	Sky News International	TV		O
8793	JCSAT 4B	124	12570	H	30000	5/6	Arirang World	TV		O
8794	JCSAT 4B	124	12570	H	30000	5/6	Australia Plus TV Asia	TV		O
8795	JCSAT 4B	124	12570	H	30000	5/6	Jak TV	TV		O
8796	JCSAT 4B	124	12570	H	30000	5/6	SCTV (Indonesia)	TV		O
8797	JCSAT 4B	124	12570	H	30000	5/6	Indosiar	TV		O
8798	JCSAT 4B	124	12570	H	30000	5/6	Bloomberg TV Indonesia	TV		O
8799	JCSAT 4B	124	12570	H	30000	5/6	Antara TV	TV		O
8800	JCSAT 4B	124	12570	H	30000	5/6	Star Chinese Movies South East Asia	TV		O
8801	JCSAT 4B	124	12570	H	30000	5/6	Star Chinese Channel	TV		O
8802	JCSAT 4B	124	12570	H	30000	5/6	BeIn Sports 2 Indonesia	TV		O
8803	JCSAT 4B	124	12570	H	30000	5/6	98.7 Gen FM	R		O
8804	JCSAT 4B	124	12570	H	30000	5/6	101 Jak FM	R		O
8805	JCSAT 4B	124	12583	H	23303	3/5	Phoenix TV!	TV		O
8806	JCSAT 4B	124	12583	H	23303	3/5	CCTV Daifu	TV		O
8807	JCSAT 4B	124	12583	H	23303	3/5	Sukachan 3	TV		O
8808	JCSAT 4B	124	12583	H	23303	3/5	Speed Channel 2	TV		O
8809	JCSAT 4B	124	12583	H	23303	3/5	Venus	TV		O
8810	JCSAT 4B	124	12598	V	23303	3/5	Tsuri Vision	TV		O
8811	JCSAT 4B	124	12598	V	23303	3/5	Space Shower TV Plus	TV		O
8812	JCSAT 4B	124	12598	V	23303	3/5	AXN Mystery	TV		O
8813	JCSAT 4B	124	12598	V	23303	3/5	AXN Japan	TV		O
8814	JCSAT 4B	124	12598	V	23303	3/5	Fox Japan	TV		O
8815	JCSAT 4B	124	12610	H	30000	5/6	Fox Movies Premium	TV		O
8816	JCSAT 4B	124	12610	H	30000	5/6	Fox HD Asia	TV		O
8817	JCSAT 4B	124	12610	H	30000	5/6	Lifetime Asia	TV		O
8818	JCSAT 4B	124	12610	H	30000	5/6	K-TV	TV		O
8819	JCSAT 4B	124	12610	H	30000	5/6	AniPlus HD	TV		O
8820	JCSAT 4B	124	12610	H	30000	5/6	Tru TV Asia	TV		O
8821	JCSAT 4B	124	12610	H	30000	5/6	MTV South East Asia	TV		O
8822	JCSAT 4B	124	12610	H	30000	5/6	BeTV Asia	TV		O
8823	JCSAT 4B	124	12610	H	30000	5/6	The First Comedy Network	TV		O
8824	JCSAT 4B	124	12610	H	30000	5/6	National Geographic Channel HD Asia	TV		O
8825	JCSAT 4B	124	12610	H	30000	5/6	Nat Geo People Asia	TV		O
8826	JCSAT 4B	124	12610	H	30000	5/6	Nat Geo Wild Asia	TV		O
8827	JCSAT 4B	124	12610	H	30000	5/6	JimJam Asia	TV		O
8828	JCSAT 4B	124	12610	H	30000	5/6	Boomerang Asia	TV		O
8829	JCSAT 4B	124	12610	H	30000	5/6	Cartoon Network Asia	TV		O
8830	JCSAT 4B	124	12610	H	30000	5/6	CCTV Arabic	TV		O
8831	JCSAT 4B	124	12610	H	30000	5/6	RT English	TV		O
8832	JCSAT 4B	124	12610	H	30000	5/6	Rajawali TV	TV		O
8833	JCSAT 4B	124	12610	H	30000	5/6	Berita Satu World	TV		O
8834	JCSAT 4B	124	12610	H	30000	5/6	Metro TV (Indonesia)	TV		O
8835	JCSAT 4B	124	12610	H	30000	5/6	TV Parlemen	TV		O
8836	JCSAT 4B	124	12610	H	30000	5/6	ANTV (Indonesia)	TV		O
8837	JCSAT 4B	124	12610	H	30000	5/6	Eurosport Asia	TV		O
8838	JCSAT 4B	124	12610	H	30000	5/6	Oz 90.8 FM Jakarta	R		O
8839	JCSAT 4B	124	12613	H	23303	3/5	Sukachan 5	TV		O
8840	JCSAT 4B	124	12613	H	23303	3/5	Sky PerfectTV promo	TV		O
8841	JCSAT 4B	124	12613	H	23303	3/5	TV Asahi Channel 1	TV		O
8842	JCSAT 4B	124	12613	H	23303	3/5	Disney Channel Japan	TV		O
8843	JCSAT 4B	124	12628	V	23303	3/5	Fuji TV One	TV		O
8844	JCSAT 4B	124	12628	V	23303	3/5	Music Ont TV	TV		O
8845	JCSAT 4B	124	12628	V	23303	3/5	Fox Crime Japan	TV		O
8846	JCSAT 4B	124	12628	V	23303	3/5	Animax Japan	TV		O
8847	JCSAT 4B	124	12643	H	23303	3/5	NTV News 24	TV		O
8848	JCSAT 4B	124	12643	H	23303	3/5	Fox Movies Premium Japan	TV		O
8849	JCSAT 4B	124	12643	H	23303	3/5	Exciting Grand Prix	TV		O
8850	JCSAT 4B	124	12643	H	23303	3/5	Pigoo HD	TV		O
8851	JCSAT 4B	124	12643	H	23303	3/5	Speed Channel 3	TV		O
8852	JCSAT 4B	124	12643	H	23303	3/5	Speed Channel 4	TV		O
8853	JCSAT 4B	124	12650	H	30000	5/6	HBO HD Asia	TV		O
8854	JCSAT 4B	124	12650	H	30000	5/6	Diva Asia	TV		O
8855	JCSAT 4B	124	12650	H	30000	5/6	Fox Asia	TV		O
8856	JCSAT 4B	124	12650	H	30000	5/6	Hii	TV		O
8857	JCSAT 4B	124	12650	H	30000	5/6	Star World HD Asia	TV		O
8858	JCSAT 4B	124	12650	H	30000	5/6	Star World Asia	TV		O
8859	JCSAT 4B	124	12650	H	30000	5/6	E! Asia & Pacific	TV		O
8860	JCSAT 4B	124	12650	H	30000	5/6	Animax East Asia	TV		O
8861	JCSAT 4B	124	12650	H	30000	5/6	Fashion One Asia (night)	TV		O
8862	JCSAT 4B	124	12650	H	30000	5/6	Discovery Channel South East Asia	TV		O
8863	JCSAT 4B	124	12650	H	30000	5/6	Disney Channel Indonesia	TV		O
8864	JCSAT 4B	124	12650	H	30000	5/6	CCTV 9 Documentary	TV		O
8865	JCSAT 4B	124	12650	H	30000	5/6	CCTV Russkij	TV		O
8866	JCSAT 4B	124	12650	H	30000	5/6	TVBS News	TV		O
8867	JCSAT 4B	124	12650	H	30000	5/6	DW	TV		O
8868	JCSAT 4B	124	12650	H	30000	5/6	Al Jazeera English	TV		O
8869	JCSAT 4B	124	12650	H	30000	5/6	TV 5 Monde Asia	TV		O
8870	JCSAT 4B	124	12650	H	30000	5/6	Rai Italia Asia	TV		O
8871	JCSAT 4B	124	12650	H	30000	5/6	Reformed 21	TV		O
8872	JCSAT 4B	124	12650	H	30000	5/6	JTV (Indonesia)	TV		O

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8873	JCSAT 4B	124	12650	H	30000	5/6	Bali TV	TV		O
8874	JCSAT 4B	124	12650	H	30000	5/6	TVB Jade	TV		O
8875	JCSAT 4B	124	12650	H	30000	5/6	Star Gold	TV		O
8876	JCSAT 4B	124	12650	H	30000	5/6	Motorvision TV	TV		O
8877	JCSAT 4B	124	12650	H	30000	5/6	Fox Sports 3 Asia	TV		O
8878	JCSAT 4B	124	12673	H	23303	3/5	Sukachan 2	TV		O
8879	JCSAT 4B	124	12673	H	23303	3/5	Sukachan 9	TV		O
8880	JCSAT 4B	124	12673	H	23303	3/5	Entermei Tele	TV		O
8881	JCSAT 4B	124	12673	H	23303	3/5	Wowow Cinema	TV		O
8882	JCSAT 4B	124	12673	H	23303	3/5	Mnet Japan	TV		O
8883	JCSAT 4B	124	12688	V	23303	3/5	QVC Japan	TV		O
8884	JCSAT 4B	124	12688	V	23303	3/5	Shop Channel	TV		O
8885	JCSAT 4B	124	12688	V	23303	3/5	GemShopping TV	TV		O
8886	JCSAT 4B	124	12690	H	30000	5/6	HBO Hits	TV		O
8887	JCSAT 4B	124	12690	H	30000	5/6	Jgo	TV		O
8888	JCSAT 4B	124	12690	H	30000	5/6	HBO Family Asia	TV		O
8889	JCSAT 4B	124	12690	H	30000	5/6	Fox Family Movies	TV		O
8890	JCSAT 4B	124	12690	H	30000	5/6	HBO Signature Asia	TV		O
8891	JCSAT 4B	124	12690	H	30000	5/6	Asian Food Channel	TV		O
8892	JCSAT 4B	124	12690	H	30000	5/6	Lifetime Asia	TV		O
8893	JCSAT 4B	124	12690	H	30000	5/6	Berita Satu Sports	TV		O
8894	JCSAT 4B	124	12690	H	30000	5/6	Fox Crime Asia	TV		O
8895	JCSAT 4B	124	12690	H	30000	5/6	Disney Junior Indonesia	TV		O
8896	JCSAT 4B	124	12690	H	30000	5/6	Da Vinci Learning Asia	TV		O
8897	JCSAT 4B	124	12690	H	30000	5/6	Zee Bioskop	TV		O
8898	JCSAT 4B	124	12690	H	30000	5/6	Phoenix Chinese Channel	TV		O
8899	JCSAT 4B	124	12690	H	30000	5/6	WakuWaku Japan	TV		O
8900	JCSAT 4B	124	12690	H	30000	5/6	CNBC Asia-Pacific	TV		O
8901	JCSAT 4B	124	12690	H	30000	5/6	NHK World Premium	TV		O
8902	JCSAT 4B	124	12690	H	30000	5/6	BBC World News Asia Pacific	TV		O
8903	JCSAT 4B	124	12690	H	30000	5/6	Fox News Channel	TV		O
8904	JCSAT 4B	124	12690	H	30000	5/6	CNN International Asia Pacific	TV		O
8905	JCSAT 4B	124	12690	H	30000	5/6	EuroNews	TV		O
8906	JCSAT 4B	124	12690	H	30000	5/6	Da Ai TV Indonesia	TV		O
8907	JCSAT 4B	124	12690	H	30000	5/6	Berita Satu News Channel	TV		O
8908	JCSAT 4B	124	12690	H	30000	5/6	Fox Sports Indonesia	TV		O
8909	JCSAT 4B	124	12690	H	30000	5/6	Fox Sports 2 Indonesia	TV		O
8910	JCSAT 4B	124	12703	H	23303	3/5	Sukachan 1	TV		O
8911	JCSAT 4B	124	12703	H	23303	3/5	Sukachan 7	TV		O
8912	JCSAT 4B	124	12703	H	23303	3/5	Wowow Live	TV		O
8913	JCSAT 4B	124	12703	H	23303	3/5	Mondo TV	TV		O
8914	JCSAT 4B	124	12718	V	23303	3/5	Fuji TV Next	TV		O
8915	JCSAT 4B	124	12718	V	23303	3/5	Fuji TV Two	TV		O
8916	JCSAT 4B	124	12718	V	23303	3/5	TV Asahi Channel 1	TV		O
8917	JCSAT 4B	124	12718	V	23303	3/5	Jidaigeki Senmon Channel	TV		O
8918	JCSAT 4B	124	12730	H	30000	5/6	Universal Channel Asia	TV		O
8919	JCSAT 4B	124	12730	H	30000	5/6	Fox Action Movies	TV		O
8920	JCSAT 4B	124	12730	H	30000	5/6	HBO Asia	TV		O
8921	JCSAT 4B	124	12730	H	30000	5/6	AXN Indonesia	TV		O
8922	JCSAT 4B	124	12730	H	30000	5/6	FX Asia	TV		O
8923	JCSAT 4B	124	12730	H	30000	5/6	Dangdutz	TV		O
8924	JCSAT 4B	124	12730	H	30000	5/6	Channel V International	TV		O
8925	JCSAT 4B	124	12730	H	30000	5/6	Channel M (South Korea)	TV		O
8926	JCSAT 4B	124	12730	H	30000	5/6	Outdoor Channel International	TV		O
8927	JCSAT 4B	124	12730	H	30000	5/6	Crime + Investigation Asia	TV		O
8928	JCSAT 4B	124	12730	H	30000	5/6	TLC South East Asia	TV		O
8929	JCSAT 4B	124	12730	H	30000	5/6	Eve	TV		O
8930	JCSAT 4B	124	12730	H	30000	5/6	FYI Asia	TV		O
8931	JCSAT 4B	124	12730	H	30000	5/6	Toonami	TV		O
8932	JCSAT 4B	124	12730	H	30000	5/6	NHK World TV	TV		O
8933	JCSAT 4B	124	12730	H	30000	5/6	HLN International	TV		O
8934	JCSAT 4B	124	12730	H	30000	5/6	Trans 7	TV		O
8935	JCSAT 4B	124	12730	H	30000	5/6	Trans TV	TV		O
8936	JCSAT 4B	124	12730	H	30000	5/6	Balai Kota Channel	TV		O
8937	JCSAT 4B	124	12730	H	30000	5/6	Star Plus Southeast Asia	TV		O
8938	JCSAT 4B	124	12730	H	30000	5/6	Ginx TV	TV		O
8939	JCSAT 4B	124	12730	H	30000	5/6	Eurosport Asia	TV		O
8940	JCSAT 4B	124	12730	H	30000	5/6	Setanta Sports Asia	TV		O
8941	JCSAT 4B	124	12730	H	30000	5/6	Fox Sports 3 Asia	TV		O
8942	CHINASAT 6A	125	3720	H	37500	3/4	CCTV 3	TV		O
8943	CHINASAT 6A	125	3720	H	37500	3/4	CCTV 5	TV		O
8944	CHINASAT 6A	125	3720	H	37500	3/4	CCTV 8	TV		O
8945	CHINASAT 6A	125	3740	V	27500	3/4	CCTV 2	TV		O
8946	CHINASAT 6A	125	3740	V	27500	3/4	CCTV 7	TV		O
8947	CHINASAT 6A	125	3740	V	27500	3/4	CCTV 9	TV		O
8948	CHINASAT 6A	125	3750	H	14900	3/4	Hunan TV	TV		O
8949	CHINASAT 6A	125	3750	H	14900	3/4	Hunan TV	TV		O
8950	CHINASAT 6A	125	3780	V	27500	3/4	CCTV 1	TV		O
8951	CHINASAT 6A	125	3780	V	27500	3/4	CCTV 5+	TV		O
8952	CHINASAT 6A	125	3780	V	27500	3/4	CCTV 4 Asia	TV		O
8953	CHINASAT 6A	125	3800	H	30600	3/4	Jiangsu TV	TV		O
8954	CHINASAT 6A	125	3800	H	30600	3/4	Zhejiang Satellite TV	TV		O
8955	CHINASAT 6A	125	3820	V	30000	3/4	Shandong TV	TV		O
8956	CHINASAT 6A	125	3820	V	30000	3/4	Hubei TV	TV		O
8957	CHINASAT 6A	125	3827	H	6220	3/4	Dox TV	TV		O
8958	CHINASAT 6A	125	3827	H	6220	3/4	Chengdu Tianfu Food TV	TV		O
8959	CHINASAT 6A	125	3845	H	17778	3/4	Guangdong Satellite TV	TV	O	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
8960	CHINASAT 6A	125	3845	H	17778	3/4	TVS 2	TV	○	
8961	CHINASAT 6A	125	3845	H	17778	3/4	Shenzhen TV	TV	○	
8962	CHINASAT 6A	125	3845	H	17778	3/4	Jiajia Cartoon	TV	○	
8963	CHINASAT 6A	125	3845	H	17778	3/4	Satellite Radio Guangdong	R	○	
8964	CHINASAT 6A	125	3845	H	17778	3/4	Music FM Radio Guangdong	R	○	
8965	CHINASAT 6A	125	3845	H	17778	3/4	Yangcheng Traffic Radio	R	○	
8966	CHINASAT 6A	125	3845	H	17778	3/4	Zhujiang Economy Radio	R	○	
8967	CHINASAT 6A	125	3845	H	17778	3/4	Guangdong Economy Radio	R	○	
8968	CHINASAT 6A	125	3845	H	17778	3/4	Southern Life Radio	R	○	
8969	CHINASAT 6A	125	3845	H	17778	3/4	Guangdong Sports Radio	R	○	
8970	CHINASAT 6A	125	3845	H	17778	3/4	Guangdong Sun FM	R	○	
8971	CHINASAT 6A	125	3845	H	17778	3/4	Guangdong People's Radio	R	○	
8972	CHINASAT 6A	125	3845	H	17778	3/4	Shenzhen Traffic Radio	R	○	
8973	CHINASAT 6A	125	3845	H	17778	3/4	Shenzhen Life Radio	R	○	
8974	CHINASAT 6A	125	3845	H	17778	3/4	Shenzhen Music Radio	R	○	
8975	CHINASAT 6A	125	3857	V	25000	3/4	Beijing TV	TV		○
8976	CHINASAT 6A	125	3857	V	25000	3/4	Beijing TV Documentary	TV		○
8977	CHINASAT 6A	125	3885	H	5720	3/4	Guanxi People's Radio	R	○	
8978	CHINASAT 6A	125	3885	H	5720	3/4	Guanxi Finance Radio	R	○	
8979	CHINASAT 6A	125	3885	H	5720	3/4	Guanxi Life Radio	R	○	
8980	CHINASAT 6A	125	3885	H	5720	3/4	95.0 Music Radio	R	○	
8981	CHINASAT 6A	125	3885	H	5720	3/4	Guanxi Traffic Radio	R	○	
8982	CHINASAT 6A	125	3885	H	5720	3/4	Guanxi Foreign Radio	R	○	
8983	CHINASAT 6A	125	3889	V	9988	3/4	Liaoning TV	TV		○
8984	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang TV	TV		○
8985	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang News Radio	R	○	
8986	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang Life FM 104.5	R	○	
8987	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang City 102.1 Women	R	○	
8988	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang Music FM 95.8	R	○	
8989	CHINASAT 6A	125	3893	H	6880	3/4	Radio Young FM 99.3	R	○	
8990	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang Rural Radio	R	○	
8991	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang Korean Radio	R	○	
8992	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang FM 97.0	R		○
8993	CHINASAT 6A	125	3893	H	6880	3/4	Heilongjiang Traffic Radio	R		○
8994	CHINASAT 6A	125	3909	H	8934	3/4	China Yanbian Satellite TV	TV	○	
8995	CHINASAT 6A	125	3909	H	8934	3/4	Jilin TV Station	TV	○	
8996	CHINASAT 6A	125	3909	H	8934	3/4	Yanbian Korean Radio	R	○	
8997	CHINASAT 6A	125	3909	H	8934	3/4	Yanbian People's Satellite Radio	R	○	
8998	CHINASAT 6A	125	3909	H	8934	3/4	Jilin Traffic Radio	R	○	
8999	CHINASAT 6A	125	3909	H	8934	3/4	Jilin News Radio	R	○	
9000	CHINASAT 6A	125	3909	H	8934	3/4	Jilin Village Radio	R	○	
9001	CHINASAT 6A	125	3909	H	8934	3/4	Jilin Economy Radio	R	○	
9002	CHINASAT 6A	125	3912	V	8800	3/4	Chongqing TV	TV		○
9003	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan TV 1	TV	○	
9004	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan Radio FM 99	R	○	
9005	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan Traffic Radio	R	○	
9006	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan People's News Radio	R	○	
9007	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan Ethnic Radio	R	○	
9008	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan Music Radio	R	○	
9009	CHINASAT 6A	125	3922	H	7250	3/4	Yunnan Life Radio	R	○	
9010	CHINASAT 6A	125	3933	H	6590	3/4	The Travel Channel	TV	○	
9011	CHINASAT 6A	125	3933	H	6590	3/4	Hainan News Radio	R	○	
9012	CHINASAT 6A	125	3933	H	6590	3/4	Hainan Traffic Radio	R	○	
9013	CHINASAT 6A	125	3933	H	6590	3/4	Hainan Art Radio	R	○	
9014	CHINASAT 6A	125	3951	H	13400	7/8	Heilongjiang TV	TV		○
9015	CHINASAT 6A	125	3970	H	11580	3/4	CCTV 3D	TV		○
9016	CHINASAT 6A	125	3970	V	13400	7/8	Tianjin TV	TV		○
9017	CHINASAT 6A	125	3989	H	9070	3/4	Xizang TV 1	TV	○	
9018	CHINASAT 6A	125	3989	H	9070	3/4	Xizang TV 2	TV	○	
9019	CHINASAT 6A	125	3989	H	9070	3/4	Xizang People's Radio	R	○	
9020	CHINASAT 6A	125	3989	H	9070	3/4	Xizang People's News Radio	R	○	
9021	CHINASAT 6A	125	3989	H	9070	3/4	Xizang People's Radio	R	○	
9022	CHINASAT 6A	125	3989	H	9070	3/4	Xizang Tibetan Comprehensive	R	○	
9023	CHINASAT 6A	125	3989	H	9070	3/4	Xizang People's Radio Kangba	R	○	
9024	CHINASAT 6A	125	3989	H	9070	3/4	Xizang FM 98.0 Life Radio	R	○	
9025	CHINASAT 6A	125	3989	H	9070	3/4	Xizang People's Radio	R	○	
9026	CHINASAT 6A	125	3999	H	4420	3/4	Bingtuan Satellite TV	TV	○	
9027	CHINASAT 6A	125	3999	H	4420	3/4	Voice of Bingtuan FM	R	○	
9028	CHINASAT 6A	125	4006	H	4420	3/4	Liaoning TV	TV	○	
9029	CHINASAT 6A	125	4006	H	4420	3/4	Liaoning News Radio	R	○	
9030	CHINASAT 6A	125	4006	H	4420	3/4	Liaoning Traffic Radio	R	○	
9031	CHINASAT 6A	125	4013	H	3950	3/4	Sansha TV	TV	○	
9032	CHINASAT 6A	125	4013	V	16600	7/8	Anhui TV	TV		○
9033	CHINASAT 6A	125	4013	V	16600	7/8	Anhui TV	TV		○
9034	CHINASAT 6A	125	4033	V	9580	7/8	Docu China	TV	○	
9035	CHINASAT 6A	125	4040	H	30600	3/4	Guangdong Satellite TV	TV		○
9036	CHINASAT 6A	125	4040	H	30600	3/4	Shenzhen Satellite TV	TV		○
9037	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 1	TV	○	
9038	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 2	TV	○	
9039	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 7	TV	○	
9040	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 10	TV	○	
9041	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 11	TV	○	
9042	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 12	TV	○	
9043	CHINASAT 6A	125	4080	H	27500	3/4	CCTV 15	TV	○	
9044	CHINASAT 6A	125	4100	V	27500	3/4	CCTV 10	TV		○
9045	CHINASAT 6A	125	4100	V	27500	3/4	CCTV 12	TV		○
9046	CHINASAT 6A	125	4100	V	27500	3/4	CCTV 14	TV		○

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
9047	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 1	TV	○	
9048	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 2	TV	○	
9049	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 3	TV	○	
9050	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 4	TV	○	
9051	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 5	TV	○	
9052	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 9	TV	○	
9053	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 8	TV	○	
9054	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang TV 12	TV	○	
9055	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang People's Radio Comprehensive	R	○	
9056	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang People's Radio Uygur	R	○	
9057	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang People's Radio Khazak	R	○	
9058	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang People's Radio	R	○	
9059	CHINASAT 6A	125	4120	H	27500	3/4	Xinjiang City FM 929	R	○	
9060	CHINASAT 6A	125	4120	H	27500	3/4	XJBS 949 Communications Radio	R	○	
9061	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 3	TV		○
9062	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 5	TV		○
9063	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 6	TV		○
9064	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 8	TV		○
9065	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 14	TV	○	
9066	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 13	TV	○	
9067	CHINASAT 6A	125	4160	H	27500	3/4	CCTV 9	TV		○
9068	JCSAT 3A	128	4120	V	30000	3/4	ERA News (Taiwan)	TV		○
9069	JCSAT 3A	128	4120	V	30000	3/4	GoldSun TV	TV		○
9070	JCSAT 3A	128	4120	V	30000	3/4	JET Variety	TV		○
9071	JCSAT 3A	128	4120	V	30000	3/4	Hollywood Movie Channel	TV		○
9072	JCSAT 3A	128	4120	V	30000	3/4	Top TV (Taiwan)	TV		○
9073	JCSAT 3A	128	4120	V	30000	3/4	Da Ai TV	TV		○
9074	JCSAT 3A	128	4120	V	30000	3/4	No. 1	TV		○
9075	JCSAT 3A	128	4120	V	30000	3/4	Tien Liang TV	TV		○
9076	JCSAT 3A	128	4120	V	30000	3/4	Taiwan Yam TV	TV		○
9077	JCSAT 3A	128	4120	V	30000	3/4	Hwazan Satellite TV	TV		○
9078	JCSAT 3A	128	4120	V	30000	3/4	FTV News	TV		○
9079	JCSAT 3A	128	4120	V	30000	3/4	MTV Taiwan	TV		○
9080	JCSAT 3A	128	4120	V	30000	3/4	Good 2	TV		○
9081	JCSAT 3A	128	4120	V	30000	3/4	SJTV	TV		○
9082	JCSAT 3A	128	4120	V	30000	3/4	SET Taiwan	TV		○
9083	JCSAT 3A	128	4120	V	30000	3/4	SET News	TV		○
9084	JCSAT 3A	128	4120	V	30000	3/4	Life TV (Taiwan)	TV		○
9085	JCSAT 3A	128	4160	V	30000	3/4	GTV 1	TV		○
9086	JCSAT 3A	128	4160	V	30000	3/4	SET Metro	TV		○
9087	JCSAT 3A	128	4160	V	30000	3/4	GTV Entertainment	TV		○
9088	JCSAT 3A	128	4160	V	30000	3/4	SET International	TV		○
9089	JCSAT 3A	128	4160	V	30000	3/4	GTV Drama	TV		○
9090	JCSAT 3A	128	4160	V	30000	3/4	SET Finance	TV		○
9091	JCSAT 3A	128	4160	V	30000	3/4	Much TV	TV		○
9092	JCSAT 3A	128	4160	V	30000	3/4	GTV K Channel	TV		○
9093	JCSAT 3A	128	4160	V	30000	3/4	Taiwan Macroview TV	TV		○
9094	JCSAT 3A	128	4160	V	30000	3/4	Azio TV	TV		○
9095	JCSAT 3A	128	4160	V	30000	3/4	CSTV Finance	TV		○
9096	JCSAT 3A	128	4160	V	30000	3/4	Unique Satellite TV	TV		○
9097	JCSAT 3A	128	4160	V	30000	3/4	Express Finance Satellite TV	TV		○
9098	JCSAT 3A	128	4160	V	30000	3/4	TACT	TV		○
9099	JCSAT 3A	128	4160	V	30000	3/4	TTV World	TV		○
9100	JCSAT 3A	128	4160	V	30000	3/4	JET TV	TV		○
9101	JCSAT 3A	128	4160	V	30000	3/4	Winner	TV		○
9102	JCSAT 3A	128	4160	V	30000	3/4	K-Asia	TV		○
9103	JCSAT 3A	128	4160	V	30000	3/4	UCTV	TV		○
9104	JCSAT 3A	128	4160	V	30000	3/4	SBN (Taiwan)	TV		○
9105	JCSAT 3A	128	4160	V	30000	3/4	Taiwan Comprehensive Channel	TV		○
9106	JCSAT 3A	128	12348	V	23303	3/5	Select Shopping	TV		○
9107	JCSAT 3A	128	12348	V	23303	3/5	Better Life Channel	TV		○
9108	JCSAT 3A	128	12348	V	23303	3/5	Dance Channel	TV		○
9109	JCSAT 3A	128	12348	V	23303	3/5	Kawaiian TV	TV		○
9110	JCSAT 3A	128	12428	V	23303	3/5	Business Breakthrough	TV		○
9111	JCSAT 3A	128	12428	V	23303	3/5	Keiba TV (day)	TV		○
9112	JCSAT 3A	128	12428	V	23303	3/5	Music Graffiti TV (night)	TV		○
9113	JCSAT 3A	128	12428	V	23303	3/5	Local Keiba 9 1	TV		○
9114	JCSAT 3A	128	12428	V	23303	3/5	Splash	TV		○
9115	JCSAT 3A	128	12468	V	23303	3/5	Green Channel (Japan)	TV		○
9116	JCSAT 3A	128	12468	V	23303	3/5	Green Channel 2	TV		○
9117	JCSAT 3A	128	12468	V	23303	3/5	AT-X	TV		○
9118	JCSAT 3A	128	12468	V	23303	3/5	Cartoon Network Japan	TV		○
9119	JCSAT 3A	128	12468	V	23303	3/5	Kids Station	TV		○
9120	JCSAT 3A	128	12523	H	23303	3/5	NTV G+	TV		○
9121	JCSAT 3A	128	12523	H	23303	3/5	Super! Drama TV	TV		○
9122	JCSAT 3A	128	12523	H	23303	3/5	Family Gekijo	TV		○
9123	JCSAT 3A	128	12523	H	23303	3/5	The History Channel Japan	TV		○
9124	JCSAT 3A	128	12523	H	23303	3/5	Playboy Channel Japan	TV		○
9125	JCSAT 3A	128	12553	H	23303	3/5	Live 530	TV		○
9126	JCSAT 3A	128	12583	H	23303	3/5	BBC World News Asia Pacific	TV		○
9127	JCSAT 3A	128	12583	H	23303	3/5	J Sports 2	TV		○
9128	JCSAT 3A	128	12583	H	23303	3/5	Sky A Sports +	TV		○
9129	JCSAT 3A	128	12583	H	23303	3/5	Eisei Gekijo	TV		○
9130	JCSAT 3A	128	12583	H	23303	3/5	Home Drama Channel	TV		○
9131	JCSAT 3A	128	12598	V	23303	3/5	Tabi Channel (day)	TV		○
9132	JCSAT 3A	128	12598	V	23303	3/5	Nikkei CNBC	TV		○
9133	JCSAT 3A	128	12598	V	23303	3/5	TBS News Bird	TV		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 암호화 등)
9134	JCSAT 3A	128	12598	V	23303	3/5	TBS Channel 1	TV		O
9135	JCSAT 3A	128	12598	V	23303	3/5	Kayo Pops	TV		O
9136	JCSAT 3A	128	12613	H	23303	3/5	CNN J	TV		O
9137	JCSAT 3A	128	12613	H	23303	3/5	CNN USA	TV		O
9138	JCSAT 3A	128	12613	H	23303	3/5	Gaora Sports	TV		O
9139	JCSAT 3A	128	12613	H	23303	3/5	Space Shower TV	TV		O
9140	JCSAT 3A	128	12613	H	23303	3/5	KNTV	TV		O
9141	JCSAT 3A	128	12628	V	21096	3/4	Station 400	R		O
9142	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Single Chart	R		O
9143	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Dam Chart	R		O
9144	JCSAT 3A	128	12628	V	21096	3/4	J-Pop New Single	R		O
9145	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Single Hits	R		O
9146	JCSAT 3A	128	12628	V	21096	3/4	J-Pop New Album	R		O
9147	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Hits Active Edit	R		O
9148	JCSAT 3A	128	12628	V	21096	3/4	Power Compilation	R		O
9149	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Artist Special 1	R		O
9150	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Artist Special 2	R		O
9151	JCSAT 3A	128	12628	V	21096	3/4	J-Pop 20xx	R		O
9152	JCSAT 3A	128	12628	V	21096	3/4	J-Pop 19xx	R		O
9153	JCSAT 3A	128	12628	V	21096	3/4	J-Pop 90s Hits	R		O
9154	JCSAT 3A	128	12628	V	21096	3/4	J-Pop 80s Hits	R		O
9155	JCSAT 3A	128	12628	V	21096	3/4	J-Pop 70s Hits	R		O
9156	JCSAT 3A	128	12628	V	21096	3/4	J-Pop 2000s Hits	R		O
9157	JCSAT 3A	128	12628	V	21096	3/4	J-Pop R&B/Hiphop	R		O
9158	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Rock/Indies	R		O
9159	JCSAT 3A	128	12628	V	21096	3/4	J-Idol/Voice Idol	R		O
9160	JCSAT 3A	128	12628	V	21096	3/4	J-Anime/SFX Song	R		O
9161	JCSAT 3A	128	12628	V	21096	3/4	J-Instruments Special	R		O
9162	JCSAT 3A	128	12628	V	21096	3/4	Folk/New Music	R		O
9163	JCSAT 3A	128	12628	V	21096	3/4	Group Sounds	R		O
9164	JCSAT 3A	128	12628	V	21096	3/4	Single Chart	R		O
9165	JCSAT 3A	128	12628	V	21096	3/4	Dam Chart	R		O
9166	JCSAT 3A	128	12628	V	21096	3/4	Artist Special	R		O
9167	JCSAT 3A	128	12628	V	21096	3/4	Compilation	R		O
9168	JCSAT 3A	128	12628	V	21096	3/4	19xx	R		O
9169	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Compilation	R		O
9170	JCSAT 3A	128	12628	V	21096	3/4	Classics	R		O
9171	JCSAT 3A	128	12628	V	21096	3/4	Jazz New Album	R		O
9172	JCSAT 3A	128	12628	V	21096	3/4	Jazz Artist Special	R		O
9173	JCSAT 3A	128	12628	V	21096	3/4	Jazz Gold Album	R		O
9174	JCSAT 3A	128	12628	V	21096	3/4	Contemporary Jazz	R		O
9175	JCSAT 3A	128	12628	V	21096	3/4	Fusion/Smooth Jazz	R		O
9176	JCSAT 3A	128	12628	V	21096	3/4	Rare Groove	R		O
9177	JCSAT 3A	128	12628	V	21096	3/4	Jazz Vocal	R		O
9178	JCSAT 3A	128	12628	V	21096	3/4	Modern Jazz	R		O
9179	JCSAT 3A	128	12628	V	21096	3/4	Classic New Album	R		O
9180	JCSAT 3A	128	12628	V	21096	3/4	Mozart	R		O
9181	JCSAT 3A	128	12628	V	21096	3/4	Classic Artist Special	R		O
9182	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Hits Recurrent	R		O
9183	JCSAT 3A	128	12628	V	21096	3/4	Classic Orchestral	R		O
9184	JCSAT 3A	128	12628	V	21096	3/4	Classic Chamber	R		O
9185	JCSAT 3A	128	12628	V	21096	3/4	Classic Baroque	R		O
9186	JCSAT 3A	128	12628	V	21096	3/4	Classic Opera/Vocal	R		O
9187	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Hit Chart	R		O
9188	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Recommended Single	R		O
9189	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops New Album	R		O
9190	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops UK Hit Chart	R		O
9191	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Artist Special	R		O
9192	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Compilation	R		O
9193	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops 20xx	R		O
9194	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops 19xx	R		O
9195	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Classics 90s	R		O
9196	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Classics 80s	R		O
9197	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Classics 70s	R		O
9198	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Classics 50s & 60s	R		O
9199	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops 2000s Hits	R		O
9200	JCSAT 3A	128	12628	V	21096	3/4	Hard Rock/Metal	R		O
9201	JCSAT 3A	128	12628	V	21096	3/4	AOR	R		O
9202	JCSAT 3A	128	12628	V	21096	3/4	Country	R		O
9203	JCSAT 3A	128	12628	V	21096	3/4	Café Music	R		O
9204	JCSAT 3A	128	12628	V	21096	3/4	Rock/Pops Ballads	R		O
9205	JCSAT 3A	128	12628	V	21096	3/4	Black Hit Single	R		O
9206	JCSAT 3A	128	12628	V	21096	3/4	R&B	R		O
9207	JCSAT 3A	128	12628	V	21096	3/4	Hiphop	R		O
9208	JCSAT 3A	128	12628	V	21096	3/4	Dance Classic	R		O
9209	JCSAT 3A	128	12628	V	21096	3/4	Dance Hit Single	R		O
9210	JCSAT 3A	128	12628	V	21096	3/4	House/Techno	R		O
9211	JCSAT 3A	128	12628	V	21096	3/4	Trance	R		O
9212	JCSAT 3A	128	12628	V	21096	3/4	Classic Soul	R		O
9213	JCSAT 3A	128	12628	V	21096	3/4	Eurobeat	R		O
9214	JCSAT 3A	128	12628	V	21096	3/4	Hawaii	R		O
9215	JCSAT 3A	128	12628	V	21096	3/4	Brazil	R		O
9216	JCSAT 3A	128	12628	V	21096	3/4	Latin	R		O
9217	JCSAT 3A	128	12628	V	21096	3/4	Reggae	R		O
9218	JCSAT 3A	128	12628	V	21096	3/4	Okinawa Music	R		O
9219	JCSAT 3A	128	12628	V	21096	3/4	J-Pop	R		O
9220	JCSAT 3A	128	12628	V	21096	3/4	Background Music Friendly	R		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
9221	JCSAT 3A	128	12628	V	21096	3/4	Background Music Soundcrash	R		O
9222	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Hit Album Digest	R		O
9223	JCSAT 3A	128	12628	V	21096	3/4	Jazz Piano Trio	R		O
9224	JCSAT 3A	128	12628	V	21096	3/4	Digio Hit Jam	R		O
9225	JCSAT 3A	128	12628	V	21096	3/4	Background Music Orgel	R		O
9226	JCSAT 3A	128	12628	V	21096	3/4	Korean Pop	R		O
9227	JCSAT 3A	128	12628	V	21096	3/4	Korean Songs	R		O
9228	JCSAT 3A	128	12628	V	21096	3/4	Chinese Pop	R		O
9229	JCSAT 3A	128	12628	V	21096	3/4	Chinese Songs	R		O
9230	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Karaoke	R		O
9231	JCSAT 3A	128	12628	V	21096	3/4	Healing Music	R		O
9232	JCSAT 3A	128	12628	V	21096	3/4	Foreign Karaoke	R		O
9233	JCSAT 3A	128	12628	V	21096	3/4	East Japan Best Hits	R		O
9234	JCSAT 3A	128	12628	V	21096	3/4	West Japan Best Hits	R		O
9235	JCSAT 3A	128	12628	V	21096	3/4	Kids	R		O
9236	JCSAT 3A	128	12628	V	21096	3/4	Computer Music	R		O
9237	JCSAT 3A	128	12628	V	21096	3/4	CD TopHit Digest	R		O
9238	JCSAT 3A	128	12628	V	21096	3/4	Minyo & Talk	R		O
9239	JCSAT 3A	128	12628	V	21096	3/4	J-Pop Ballads	R		O
9240	JCSAT 3A	128	12628	V	21096	3/4	Inter FM (Tokyo)	R		O
9241	JCSAT 3A	128	12643	H	23303	3/5	Yose Channel	TV		O
9242	JCSAT 3A	128	12643	H	23303	3/5	E Tenki Net	TV		O
9243	JCSAT 3A	128	12643	H	23303	3/5	TV Asahi Channel 2	TV		O
9244	JCSAT 3A	128	12643	H	23303	3/5	Imagica BS	TV		O
9245	JCSAT 3A	128	12643	H	23303	3/5	V Paradise	TV		O
9246	JCSAT 3A	128	12643	H	23303	3/5	Mondo TV	TV		O
9247	JCSAT 3A	128	12643	H	23303	3/5	Minami-Kanto Regional Keiba Race	TV		O
9248	JCSAT 3A	128	12673	H	23303	3/5	Golf Network	TV		O
9249	JCSAT 3A	128	12673	H	23303	3/5	J Sports 1	TV		O
9250	JCSAT 3A	128	12673	H	23303	3/5	Movie Plus	TV		O
9251	JCSAT 3A	128	12673	H	23303	3/5	Channel Neco	TV		O
9252	JCSAT 3A	128	12673	H	23303	3/5	Music Japan TV	TV		O
9253	JCSAT 3A	128	12703	H	23303	3/5	J Sports 3	TV		O
9254	JCSAT 3A	128	12703	H	23303	3/5	LaLa TV	TV		O
9255	JCSAT 3A	128	12703	H	23303	3/5	Discovery Channel Japan	TV		O
9256	JCSAT 3A	128	12703	H	23303	3/5	Midnight Blue	TV		O
9257	JCSAT 3A	128	12703	H	23303	3/5	Cherry Bomb HD	TV		O
9258	JCSAT 3A	128	12733	H	23303	3/5	J Sports 4	TV		O
9259	JCSAT 3A	128	12733	H	23303	3/5	MTV Japan	TV		O
9260	JCSAT 3A	128	12733	H	23303	3/5	KMP Channel	TV		O
9261	JCSAT 3A	128	12733	H	23303	3/5	Nat Geo Wild Japan	TV		O
9262	VINASAT 2	131.8	11050	V	30000	?	Fight Sports	TV		O
9263	VINASAT 2	131.8	11050	V	30000	?	Syfy Universal Asia	TV		O
9264	VINASAT 2	131.8	11050	V	30000	?	ChernYim Channel	TV		O
9265	VINASAT 2	131.8	11050	V	30000	?	DW	TV		O
9266	VINASAT 2	131.8	11050	V	30000	?	Now Mango	TV		O
9267	VINASAT 2	131.8	11050	V	30000	?	Asian Food Channel	TV		O
9268	VINASAT 2	131.8	11050	V	30000	?	Travel Channel Asia	TV		O
9269	VINASAT 2	131.8	11050	V	30000	?	Mahidol Channel	TV		O
9270	VINASAT 2	131.8	11050	V	30000	?	Arirang World	TV		O
9271	VINASAT 2	131.8	11050	V	30000	?	Amarin TV	TV		O
9272	VINASAT 2	131.8	11050	V	30000	?	Loca	TV		O
9273	VINASAT 2	131.8	11050	V	30000	?	Zee Nung	TV		O
9274	VINASAT 2	131.8	11050	V	30000	?	Toonami	TV		O
9275	VINASAT 2	131.8	11050	V	30000	?	Animax East Asia	TV		O
9276	VINASAT 2	131.8	11050	V	30000	?	EuroNews	TV		O
9277	VINASAT 2	131.8	11050	V	30000	?	JimJam Asia	TV		O
9278	VINASAT 2	131.8	11050	V	30000	?	New TV (Thailand)	TV		O
9279	VINASAT 2	131.8	11050	V	30000	?	Baby TV Asia	TV		O
9280	VINASAT 2	131.8	11050	V	30000	?	Da Vinci Learning Asia	TV		O
9281	VINASAT 2	131.8	11050	V	30000	?	Crime + Investigation Asia	TV		O
9282	VINASAT 2	131.8	11050	V	30000	?	FYI Asia	TV		O
9283	VINASAT 2	131.8	11050	V	30000	?	Bluesky Channel	TV		O
9284	VINASAT 2	131.8	11050	V	30000	?	Media News	TV		O
9285	VINASAT 2	131.8	11050	V	30000	?	SET Asia	TV		O
9286	VINASAT 2	131.8	11050	V	30000	?	M Channel	TV		O
9287	VINASAT 2	131.8	11050	V	30000	?	Star World Asia	TV		O
9288	VINASAT 2	131.8	11090	V	28125	3/4	HTV 9	TV		O
9289	VINASAT 2	131.8	11090	V	28125	3/4	HTV 7	TV		O
9290	VINASAT 2	131.8	11090	V	28125	3/4	HTV 4	TV		O
9291	VINASAT 2	131.8	11090	V	28125	3/4	HTV 3	TV		O
9292	VINASAT 2	131.8	11090	V	28125	3/4	HTVC Du Lich & Cuoc Song	TV		O
9293	VINASAT 2	131.8	11090	V	28125	3/4	Binh Dinh TV	TV		O
9294	VINASAT 2	131.8	11090	V	28125	3/4	Soc Trang TV 1	TV		O
9295	VINASAT 2	131.8	11090	V	28125	3/4	QRT	TV		O
9296	VINASAT 2	131.8	11090	V	28125	3/4	Thua Thien Hue TV	TV		O
9297	VINASAT 2	131.8	11090	V	28125	3/4	Dak Lak TV	TV		O
9298	VINASAT 2	131.8	11090	V	28125	3/4	Cà Mau TV	TV		O
9299	VINASAT 2	131.8	11090	V	28125	3/4	Binh Phuoc TV 1	TV		O
9300	VINASAT 2	131.8	11090	V	28125	3/4	Long An 34 TV	TV		O
9301	VINASAT 2	131.8	11090	V	28125	3/4	Dak Nong TV	TV		O
9302	VINASAT 2	131.8	11090	V	28125	3/4	Dong Thap TV 1	TV		O
9303	VINASAT 2	131.8	11090	V	28125	3/4	Lao Cai TV	TV		O
9304	VINASAT 2	131.8	11090	V	28125	3/4	Ha Tinh TV	TV		O
9305	VINASAT 2	131.8	11090	V	28125	3/4	HTV 9	TV		O
9306	VINASAT 2	131.8	11119	V	14400	3/4	Tuyen Quang TV	TV		O
9307	VINASAT 2	131.8	11119	V	14400	3/4	An Ninh TV	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
9308	VINASAT 2	131.8	11119	V	14400	3/4	HTV 1	TV		O
9309	VINASAT 2	131.8	11119	V	14400	3/4	HTV 2	TV		O
9310	VINASAT 2	131.8	11119	V	14400	3/4	HTV 3	TV		O
9311	VINASAT 2	131.8	11119	V	14400	3/4	HTV 4	TV		O
9312	VINASAT 2	131.8	11119	V	14400	3/4	HTV 9	TV		O
9313	VINASAT 2	131.8	11119	V	14400	3/4	HTVC The Thao	TV		O
9314	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Phim	TV		O
9315	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Thuan Viet	TV		O
9316	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Phu Nu	TV		O
9317	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Gia Dinh	TV		O
9318	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Du Lich & Cuoc Song	TV		O
9319	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Ca Nhac	TV		O
9320	VINASAT 2	131.8	11119	V	14400	3/4	HTVC +	TV		O
9321	VINASAT 2	131.8	11119	V	14400	3/4	HTV 7	TV		O
9322	VINASAT 2	131.8	11119	V	14400	3/4	HTV 9	TV		O
9323	VINASAT 2	131.8	11119	V	14400	3/4	HTVC Ca Nhac	TV		O
9324	VINASAT 2	131.8	11167	V	30000	3/4	K Channel (Thailand)	TV		O
9325	VINASAT 2	131.8	11167	V	30000	3/4	Major Channel Asian	TV		O
9326	VINASAT 2	131.8	11167	V	30000	3/4	Major Channel Mix	TV		O
9327	VINASAT 2	131.8	11167	V	30000	3/4	Media Channel	TV		O
9328	VINASAT 2	131.8	11167	V	30000	3/4	Dara Daily	TV		O
9329	VINASAT 2	131.8	11167	V	30000	3/4	Zaa Network	TV		O
9330	VINASAT 2	131.8	11167	V	30000	3/4	Fox Action Movies	TV		O
9331	VINASAT 2	131.8	11167	V	30000	3/4	TV 3 Family	TV		O
9332	VINASAT 2	131.8	11167	V	30000	3/4	Workpoint 1	TV		O
9333	VINASAT 2	131.8	11167	V	30000	3/4	Saranair Channel	TV		O
9334	VINASAT 2	131.8	11167	V	30000	3/4	Thai TV Global Network	TV		O
9335	VINASAT 2	131.8	11167	V	30000	3/4	Amarin TV	TV		O
9336	VINASAT 2	131.8	11167	V	30000	3/4	T Sports Channel	TV		O
9337	VINASAT 2	131.8	11167	V	30000	3/4	SMM TV	TV		O
9338	VINASAT 2	131.8	11167	V	30000	3/4	Cartoon Club	TV		O
9339	VINASAT 2	131.8	11167	V	30000	3/4	GangCartoon Channel	TV		O
9340	VINASAT 2	131.8	11167	V	30000	3/4	Vetee Thai	TV		O
9341	VINASAT 2	131.8	11167	V	30000	3/4	Thai TV 3	TV		O
9342	VINASAT 2	131.8	11167	V	30000	3/4	4050 Channel	TV		O
9343	VINASAT 2	131.8	11167	V	30000	3/4	National Reform Council	TV		O
9344	VINASAT 2	131.8	11167	V	30000	3/4	Thai Chaiyo	TV		O
9345	VINASAT 2	131.8	11167	V	30000	3/4	Big	TV		O
9346	VINASAT 2	131.8	11167	V	30000	3/4	Thai Channel 8	TV		O
9347	VINASAT 2	131.8	11167	V	30000	3/4	CCTV 4 Asia	TV		O
9348	VINASAT 2	131.8	11167	V	30000	3/4	NHK World TV	TV		O
9349	VINASAT 2	131.8	11167	V	30000	3/4	Australia Plus TV Asia	TV		O
9350	VINASAT 2	131.8	11167	V	30000	3/4	France 24 English	TV		O
9351	VINASAT 2	131.8	11167	V	30000	3/4	Channel NewsAsia	TV		O
9352	VINASAT 2	131.8	11510	V	30000	3/4	Stadium X	TV		O
9353	VINASAT 2	131.8	11510	V	30000	3/4	Fox Thai	TV		O
9354	VINASAT 2	131.8	11510	V	30000	3/4	Green Channel (Thailand)	TV		O
9355	VINASAT 2	131.8	11510	V	30000	3/4	Bang Channel	TV		O
9356	VINASAT 2	131.8	11510	V	30000	3/4	Stadium 1	TV		O
9357	VINASAT 2	131.8	11510	V	30000	3/4	Stadium 2	TV		O
9358	VINASAT 2	131.8	11510	V	30000	3/4	Stadium 3	TV		O
9359	VINASAT 2	131.8	11510	V	30000	3/4	Stadium 4	TV		O
9360	VINASAT 2	131.8	11510	V	30000	3/4	Stadium 5	TV		O
9361	VINASAT 2	131.8	11510	V	30000	3/4	Sports Spirit	TV		O
9362	VINASAT 2	131.8	11550	V	30000	3/4	Fox Sports 3 Asia	TV		O
9363	VINASAT 2	131.8	11550	V	30000	3/4	TVD Shop	TV		O
9364	VINASAT 2	131.8	11550	V	30000	3/4	Channel M HD	TV		O
9365	VINASAT 2	131.8	11550	V	30000	3/4	Channel V International	TV		O
9366	VINASAT 2	131.8	11550	V	30000	3/4	Nat Geo Music	TV		O
9367	VINASAT 2	131.8	11550	V	30000	3/4	Nat Geo Wild HD Asia	TV		O
9368	VINASAT 2	131.8	11550	V	30000	3/4	Fox Crime Asia	TV		O
9369	VINASAT 2	131.8	11550	V	30000	3/4	Sky News UK	TV		O
9370	VINASAT 2	131.8	11550	V	30000	3/4	Baby TV Asia	TV		O
9371	VINASAT 2	131.8	11550	V	30000	3/4	Fight Sports	TV		O
9372	VINASAT 2	131.8	11550	V	30000	3/4	Now International	TV		O
9373	VINASAT 2	131.8	11590	V	30000	3/4	Kix	TV		O
9374	VINASAT 2	131.8	11590	V	30000	3/4	Yim La Mai	TV		O
9375	VINASAT 2	131.8	11590	V	30000	3/4	Smile	TV		O
9376	VINASAT 2	131.8	11590	V	30000	3/4	9 Yord	TV		O
9377	VINASAT 2	131.8	11590	V	30000	3/4	TV Burabha	TV		O
9378	VINASAT 2	131.8	11590	V	30000	3/4	RSU Wisdom TV	TV		O
9379	VINASAT 2	131.8	11590	V	30000	3/4	Stadium 6	TV		O
9380	VINASAT 2	131.8	11590	V	30000	3/4	Cartoonito Asia	TV		O
9381	VINASAT 2	131.8	11590	V	30000	3/4	Bang Aor	TV		O
9382	VINASAT 2	131.8	11630	V	30000	3/4	Thairath TV	TV		O
9383	VINASAT 2	131.8	11630	V	30000	3/4	TVD Shop	TV		O
9384	VINASAT 2	131.8	11630	V	30000	3/4	Cinema	TV		O
9385	VINASAT 2	131.8	11630	V	30000	3/4	Kix	TV		O
9386	VINASAT 2	131.8	11630	V	30000	3/4	Thrill	TV		O
9387	VINASAT 2	131.8	11630	V	30000	3/4	Celestial Classic Movies Thailand	TV		O
9388	VINASAT 2	131.8	11630	V	30000	3/4	InD	TV		O
9389	VINASAT 2	131.8	11630	V	30000	3/4	Asian Hits	TV		O
9390	VINASAT 2	131.8	11630	V	30000	3/4	Movie Hits	TV		O
9391	VINASAT 2	131.8	11630	V	30000	3/4	Flash	TV		O
9392	VINASAT 2	131.8	11630	V	30000	3/4	Series	TV		O
9393	VINASAT 2	131.8	11630	V	30000	3/4	Now HaiRun	TV		O
9394	VINASAT 2	131.8	11630	V	30000	3/4	Universal Channel Asia	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
9395	VINASAT 2	131.8	11630	V	30000	3/4	Syfy Universal Asia	TV		O
9396	VINASAT 2	131.8	11630	V	30000	3/4	Sony Channel Asia	TV		O
9397	VINASAT 2	131.8	11630	V	30000	3/4	Fox Action Movies	TV		O
9398	VINASAT 2	131.8	11630	V	30000	3/4	FX Asia	TV		O
9399	VINASAT 2	131.8	11630	V	30000	3/4	Fox Crime Asia	TV		O
9400	VINASAT 2	131.8	11630	V	30000	3/4	Star Chinese Movies South East Asia	TV		O
9401	VINASAT 2	131.8	11630	V	30000	3/4	Fox Thai	TV		O
9402	VINASAT 2	131.8	11630	V	30000	3/4	Gadget	TV		O
9403	VINASAT 2	131.8	11670	V	30000	?	Fox Sports 2 Asia	TV		O
9404	VINASAT 2	131.8	11670	V	30000	?	Fox Sports Thailand	TV		O
9405	VINASAT 2	131.8	11670	V	30000	?	Fox Sports News Asia	TV		O
9406	VINASAT 2	131.8	11670	V	30000	?	Channel V Thailand	TV		O
9407	VINASAT 2	131.8	11670	V	30000	?	Channel V International	TV		O
9408	VINASAT 2	131.8	11670	V	30000	?	Fox News Channel	TV		O
9409	VINASAT 2	131.8	11670	V	30000	?	You Channel	TV		O
9410	VINASAT 2	131.8	11670	V	30000	?	Thai Channel 2	TV		O
9411	VINASAT 2	131.8	11670	V	30000	?	Voice TV	TV		O
9412	VINASAT 2	131.8	11670	V	30000	?	Thai TV 3	TV		O
9413	VINASAT 2	131.8	11670	V	30000	?	Thai PBS	TV		O
9414	VINASAT 2	131.8	11670	V	30000	?	NP TV 5	TV		O
9415	VINASAT 2	131.8	11670	V	30000	?	NBT TV	TV		O
9416	VINASAT 2	131.8	11670	V	30000	?	BBTV Channel 7	TV		O
9417	VINASAT 2	131.8	11670	V	30000	?	Money Channel	TV		O
9418	VINASAT 2	131.8	11670	V	30000	?	MCOT HD	TV		O
9419	VINASAT 2	131.8	11670	V	30000	?	Voice TV	TV		O
9420	VINASAT 2	131.8	11670	V	30000	?	Nation TV	TV		O
9421	VINASAT 2	131.8	11670	V	30000	?	Now 26	TV		O
9422	VINASAT 2	131.8	11670	V	30000	?	National Reform Council	TV		O
9423	VINASAT 2	131.8	11670	V	30000	?	TV 24 (Thailand)	TV		O
9424	VINASAT 2	131.8	11670	V	30000	?	News 1	TV		O
9425	VINASAT 1	132	3413	V	10800	2/3	VTV 1	TV		O
9426	VINASAT 1	132	3413	V	10800	2/3	VTV 2	TV		O
9427	VINASAT 1	132	3413	V	10800	2/3	VTV 3	TV		O
9428	VINASAT 1	132	3413	V	10800	2/3	VTV 4	TV		O
9429	VINASAT 1	132	3413	V	10800	2/3	VTV 6	TV		O
9430	VINASAT 1	132	3413	V	10800	2/3	VTV 3	TV		O
9431	VINASAT 1	132	3413	V	10800	2/3	VTV 6	TV		O
9432	VINASAT 1	132	3433	V	13600	3/4	HTVC Phu Nu	TV		O
9433	VINASAT 1	132	3433	V	13600	3/4	HTV 7	TV		O
9434	VINASAT 1	132	3433	V	13600	3/4	HTVC Ca Nhac	TV		O
9435	VINASAT 1	132	3433	V	13600	3/4	HTV 9	TV		O
9436	VINASAT 1	132	3433	V	13600	3/4	HTVC Gia Dinh	TV		O
9437	VINASAT 1	132	3433	V	13600	3/4	HTVC Phim	TV		O
9438	VINASAT 1	132	3433	V	13600	3/4	HTVC The Thao	TV		O
9439	VINASAT 1	132	3433	V	13600	3/4	FBNC	TV		O
9440	VINASAT 1	132	3433	V	13600	3/4	HTVC Thuan Viet	TV		O
9441	VINASAT 1	132	3433	V	13600	3/4	HTVC Du Lich & Cuoc Song	TV		O
9442	VINASAT 1	132	3446	V	1666	3/4	Maxagro Radio	R	O	
9443	VINASAT 1	132	3544	V	1600	3/4	NCM	TV		O
9444	VINASAT 1	132	3549	V	1200	3/4	VOV 1	TV		O
9445	VINASAT 1	132	3549	V	1200	3/4	VOV 2	TV		O
9446	VINASAT 1	132	3549	V	1200	3/4	VOV 3	TV		O
9447	VINASAT 1	132	3549	V	1200	3/4	VOV 5	TV		O
9448	VINASAT 1	132	3549	V	1200	3/4	VOV GT Hà Nội	TV		O
9449	VINASAT 1	132	3560	V	1510	3/4	VOH AM	R	O	
9450	VINASAT 1	132	3560	V	1510	3/4	VOH FM	R	O	
9451	VINASAT 1	132	3572	V	8000	2/3	VTV 1	TV		O
9452	VINASAT 1	132	3572	V	8000	2/3	VTV 2	TV		O
9453	VINASAT 1	132	3572	V	8000	2/3	VTV 3	TV		O
9454	VINASAT 1	132	3572	V	8000	2/3	VTV 4	TV		O
9455	VINASAT 1	132	3572	V	8000	2/3	VTV 6	TV		O
9456	VINASAT 1	132	3572	V	8000	2/3	VTV 3	TV		O
9457	VINASAT 1	132	3594	V	14400	2/3	VTV 1	TV		O
9458	VINASAT 1	132	3594	V	14400	2/3	VTV 2	TV		O
9459	VINASAT 1	132	3594	V	14400	2/3	VTV 3	TV		O
9460	VINASAT 1	132	3594	V	14400	2/3	VTV 4	TV		O
9461	VINASAT 1	132	3594	V	14400	2/3	VTV 6	TV		O
9462	VINASAT 1	132	3594	V	14400	2/3	VTV 1	TV		O
9463	VINASAT 1	132	3594	V	14400	2/3	VTV 3	TV		O
9464	VINASAT 1	132	3594	V	14400	2/3	VTV 6	TV		O
9465	VINASAT 1	132	10968	H	17500	3/4	VTC HD 1	TV		O
9466	VINASAT 1	132	10968	H	17500	3/4	VTC HD 2	TV		O
9467	VINASAT 1	132	10968	H	17500	3/4	VTC HD 3	TV		O
9468	VINASAT 1	132	10968	H	17500	3/4	VTC HD The Thao	TV		O
9469	VINASAT 1	132	10968	H	17500	3/4	ITV (Vietnam)	TV		O
9470	VINASAT 1	132	10968	H	17500	3/4	Fox Sports 3 Asia	TV		O
9471	VINASAT 1	132	10968	H	17500	3/4	Star Movies HD	TV		O
9472	VINASAT 1	132	10968	H	17500	3/4	HBO HD Asia	TV		O
9473	VINASAT 1	132	10968	H	17500	3/4	AXN HD Asia	TV		O
9474	VINASAT 1	132	10968	H	17500	3/4	Discovery HD World South East Asia	TV		O
9475	VINASAT 1	132	11008	H	28800	3/4	Bac Lieu TV	TV		O
9476	VINASAT 1	132	11008	H	28800	3/4	Fashion One Asia (night)	TV		O
9477	VINASAT 1	132	11008	H	28800	3/4	HTVC Thuan Viet	TV		O
9478	VINASAT 1	132	11008	H	28800	3/4	VTC 1	TV		O
9479	VINASAT 1	132	11008	H	28800	3/4	VTC 2	TV		O
9480	VINASAT 1	132	11008	H	28800	3/4	VTC 3	TV		O
9481	VINASAT 1	132	11008	H	28800	3/4	VTC 4	TV		O

순번	위성명	궤도위차	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
9482	VINASAT 1	132	11008	H	28800	3/4	VTC 5	TV		O
9483	VINASAT 1	132	11008	H	28800	3/4	VTC 6	TV		O
9484	VINASAT 1	132	11008	H	28800	3/4	VTC 7	TV		O
9485	VINASAT 1	132	11008	H	28800	3/4	VTC 8	TV		O
9486	VINASAT 1	132	11008	H	28800	3/4	VTC 9	TV		O
9487	VINASAT 1	132	11008	H	28800	3/4	NetViet	TV		O
9488	VINASAT 1	132	11008	H	28800	3/4	VTC 11	TV		O
9489	VINASAT 1	132	11008	H	28800	3/4	VTC 12	TV		O
9490	VINASAT 1	132	11008	H	28800	3/4	ITV (Vietnam)	TV		O
9491	VINASAT 1	132	11008	H	28800	3/4	VTC 14	TV		O
9492	VINASAT 1	132	11008	H	28800	3/4	VTC 16	TV		O
9493	VINASAT 1	132	11008	H	28800	3/4	ITV 1	TV		O
9494	VINASAT 1	132	11008	H	28800	3/4	VTV 2	TV		O
9495	VINASAT 1	132	11008	H	28800	3/4	VTV 3	TV		O
9496	VINASAT 1	132	11008	H	28800	3/4	VietnamNet	TV		O
9497	VINASAT 1	132	11008	H	28800	3/4	Hai Phong TV	TV		O
9498	VINASAT 1	132	11008	H	28800	3/4	Thanh Hoa TV	TV		O
9499	VINASAT 1	132	11008	H	28800	3/4	Nghe An TV	TV		O
9500	VINASAT 1	132	11008	H	28800	3/4	HTV 7	TV		O
9501	VINASAT 1	132	11008	H	28800	3/4	SCTV 10	TV		O
9502	VINASAT 1	132	11008	H	28800	3/4	Hanoi TV 1	TV		O
9503	VINASAT 1	132	11008	H	28800	3/4	Animal Planet South East Asia	TV		O
9504	VINASAT 1	132	11008	H	28800	3/4	BBC World News Asia Pacific	TV		O
9505	VINASAT 1	132	11008	H	28800	3/4	HBO Asia	TV		O
9506	VINASAT 1	132	11008	H	28800	3/4	VOV 1	R		O
9507	VINASAT 1	132	11008	H	28800	3/4	VOV 3	R		O
9508	VINASAT 1	132	11008	H	28800	3/4	Thanh Hoa FM	R		O
9509	VINASAT 1	132	11008	H	28800	3/4	Vung Tau FM	R		O
9510	VINASAT 1	132	11048	H	28800	5/6	Shopping TV (Vietnam)	TV		O
9511	VINASAT 1	132	11048	H	28800	5/6	Arirang World	TV		O
9512	VINASAT 1	132	11048	H	28800	5/6	K+1	TV		O
9513	VINASAT 1	132	11048	H	28800	5/6	SCTV Phim tong hop (Vietnam)	TV		O
9514	VINASAT 1	132	11048	H	28800	5/6	SCTV 7	TV		O
9515	VINASAT 1	132	11048	H	28800	5/6	SCTV 9	TV		O
9516	VINASAT 1	132	11048	H	28800	5/6	HTV 7	TV		O
9517	VINASAT 1	132	11048	H	28800	5/6	FBNC	TV		O
9518	VINASAT 1	132	11048	H	28800	5/6	Cartoon Network Vietnam	TV		O
9519	VINASAT 1	132	11048	H	28800	5/6	Animal Planet South East Asia	TV		O
9520	VINASAT 1	132	11048	H	28800	5/6	CNN International Asia Pacific	TV		O
9521	VINASAT 1	132	11048	H	28800	5/6	Channel NewsAsia	TV		O
9522	VINASAT 1	132	11048	H	28800	5/6	NHK World TV	TV		O
9523	VINASAT 1	132	11048	H	28800	5/6	K+ PC	TV		O
9524	VINASAT 1	132	11048	H	28800	5/6	TLC South East Asia	TV		O
9525	VINASAT 1	132	11048	H	28800	5/6	TCM Asia	TV		O
9526	VINASAT 1	132	11048	H	28800	5/6	K+ Nhip song	TV		O
9527	VINASAT 1	132	11048	H	28800	5/6	Yan TV	TV		O
9528	VINASAT 1	132	11048	H	28800	5/6	K+ PM	TV		O
9529	VINASAT 1	132	11048	H	28800	5/6	Screen Red	TV		O
9530	VINASAT 1	132	11085	H	24000	3/4	Quoc Hoi TV	TV		O
9531	VINASAT 1	132	11085	H	24000	3/4	KBS World	TV		O
9532	VINASAT 1	132	11085	H	24000	3/4	TTXVN	TV		O
9533	VINASAT 1	132	11085	H	24000	3/4	Hanoi TV 2	TV		O
9534	VINASAT 1	132	11085	H	24000	3/4	VTV 2	TV		O
9535	VINASAT 1	132	11085	H	24000	3/4	VTV 6	TV		O
9536	VINASAT 1	132	11085	H	24000	3/4	VTV 1	TV		O
9537	VINASAT 1	132	11085	H	24000	3/4	HTVC Thuan Viet	TV		O
9538	VINASAT 1	132	11085	H	24000	3/4	HTVC Phim	TV		O
9539	VINASAT 1	132	11085	H	24000	3/4	Star World HD Asia	TV		O
9540	VINASAT 1	132	11085	H	24000	3/4	National Geographic Channel HD Asia	TV		O
9541	VINASAT 1	132	11085	H	24000	3/4	Disney Junior Asia	TV		O
9542	VINASAT 1	132	11135	H	9600	3/4	Star Movies Vietnam	TV		O
9543	VINASAT 1	132	11135	H	9600	3/4	Cinemax Asia	TV		O
9544	VINASAT 1	132	11135	H	9600	3/4	Fox Sports 2 Asia	TV		O
9545	VINASAT 1	132	11135	H	9600	3/4	Fox Sports Vietnam	TV		O
9546	VINASAT 1	132	11135	H	9600	3/4	CNN International Asia Pacific	TV		O
9547	VINASAT 1	132	11135	H	9600	3/4	KBS World	TV		O
9548	VINASAT 1	132	11135	H	9600	3/4	Bloomberg TV Asia	TV		O
9549	VINASAT 1	132	11135	H	9600	3/4	Screen Red	TV		O
9550	VINASAT 1	132	11472	H	23200	3/4	KBS World	TV		O
9551	VINASAT 1	132	11472	H	23200	3/4	Hanoi TV 2	TV		O
9552	VINASAT 1	132	11472	H	23200	3/4	Thai Nguyen TV	TV		O
9553	VINASAT 1	132	11472	H	23200	3/4	Hoa Binh TV	TV		O
9554	VINASAT 1	132	11472	H	23200	3/4	Quang Ngai TV	TV		O
9555	VINASAT 1	132	11472	H	23200	3/4	Ninh Thuan TV	TV		O
9556	VINASAT 1	132	11472	H	23200	3/4	Lam Dong TV	TV		O
9557	VINASAT 1	132	11472	H	23200	3/4	Gia Lai TV	TV		O
9558	VINASAT 1	132	11472	H	23200	3/4	Kien Giang TV 1	TV		O
9559	VINASAT 1	132	11472	H	23200	3/4	HTV 9	TV		O
9560	VINASAT 1	132	11472	H	23200	3/4	Binh Phuoc TV 2	TV		O
9561	VINASAT 1	132	11472	H	23200	3/4	Tra Vinh TV	TV		O
9562	VINASAT 1	132	11472	H	23200	3/4	Dong Nai TV 1	TV		O
9563	VINASAT 1	132	11472	H	23200	3/4	Dong Nai TV 2	TV		O
9564	VINASAT 1	132	11472	H	23200	3/4	BRT	TV		O
9565	VINASAT 1	132	11472	H	23200	3/4	Vinh Long TV 2	TV		O
9566	VINASAT 1	132	11472	H	23200	3/4	An Giang TV 1	TV		O
9567	VINASAT 1	132	11472	H	23200	3/4	Hau Giang TV	TV		O
9568	VINASAT 1	132	11472	H	23200	3/4	FBNC	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미역, 암호화 등)
9569	VINASAT 1	132	11472	H	23200	3/4	V News	TV		O
9570	VINASAT 1	132	11472	H	23200	3/4	An Ninh TV	TV		O
9571	VINASAT 1	132	11472	H	23200	3/4	Hanoi TV 2	TV		O
9572	VINASAT 1	132	11472	H	23200	3/4	Hanoi TV 2	TV		O
9573	VINASAT 1	132	11549	H	28500	5/6	VTV 1	TV		O
9574	VINASAT 1	132	11549	H	28500	5/6	VTV 2	TV		O
9575	VINASAT 1	132	11549	H	28500	5/6	VTV 3	TV		O
9576	VINASAT 1	132	11549	H	28500	5/6	VTV 4	TV		O
9577	VINASAT 1	132	11549	H	28500	5/6	VTV 6	TV		O
9578	VINASAT 1	132	11549	H	28500	5/6	VTV 9	TV		O
9579	VINASAT 1	132	11549	H	28500	5/6	VCTV 4	TV		O
9580	VINASAT 1	132	11549	H	28500	5/6	MTV Vietnam	TV		O
9581	VINASAT 1	132	11549	H	28500	5/6	BBC World News Asia Pacific	TV		O
9582	VINASAT 1	132	11549	H	28500	5/6	VCTV 3	TV		O
9583	VINASAT 1	132	11549	H	28500	5/6	Hanoi TV 1	TV		O
9584	VINASAT 1	132	11549	H	28500	5/6	Bibi	TV		O
9585	VINASAT 1	132	11549	H	28500	5/6	O2TV	TV		O
9586	VINASAT 1	132	11549	H	28500	5/6	VCTV 7	TV		O
9587	VINASAT 1	132	11549	H	28500	5/6	Bong Da TV	TV		O
9588	VINASAT 1	132	11549	H	28500	5/6	Disney Channel Asia	TV		O
9589	VINASAT 1	132	11549	H	28500	5/6	Info TV (Vietnam)	TV		O
9590	VINASAT 1	132	11549	H	28500	5/6	VTV 5	TV		O
9591	VINASAT 1	132	11549	H	28500	5/6	VOV 1	R		O
9592	VINASAT 1	132	11549	H	28500	5/6	VOV 3	R		O
9593	VINASAT 1	132	11549	H	28500	5/6	VOV 2	R		O
9594	VINASAT 1	132	11589	H	28800	3/4	VCTV 1	TV		O
9595	VINASAT 1	132	11589	H	28800	3/4	VCTV 2	TV		O
9596	VINASAT 1	132	11589	H	28800	3/4	HTV 9	TV		O
9597	VINASAT 1	132	11589	H	28800	3/4	VOV TV	TV		O
9598	VINASAT 1	132	11589	H	28800	3/4	VTV Can Tho 1	TV		O
9599	VINASAT 1	132	11589	H	28800	3/4	Astro Cam Xúc	TV		O
9600	VINASAT 1	132	11589	H	28800	3/4	Celestial Movies Asia	TV		O
9601	VINASAT 1	132	11589	H	28800	3/4	Cinemax Asia	TV		O
9602	VINASAT 1	132	11589	H	28800	3/4	Diva Asia	TV		O
9603	VINASAT 1	132	11589	H	28800	3/4	Vinh Long TV 1	TV		O
9604	VINASAT 1	132	11589	H	28800	3/4	V News	TV		O
9605	VINASAT 1	132	11589	H	28800	3/4	Eurosport News	TV		O
9606	VINASAT 1	132	11589	H	28800	3/4	VCTV 6	TV		O
9607	VINASAT 1	132	11589	H	28800	3/4	SCTV 2	TV		O
9608	VINASAT 1	132	11589	H	28800	3/4	Style TV (Vietnam)	TV		O
9609	VINASAT 1	132	11589	H	28800	3/4	Asian Food Channel	TV		O
9610	VINASAT 1	132	11589	H	28800	3/4	VTV 5	TV		O
9611	VINASAT 1	132	11589	H	28800	3/4	K+ PM	TV		O
9612	VINASAT 1	132	11629	H	28800	3/4	AXN East Asia	TV		O
9613	VINASAT 1	132	11629	H	28800	3/4	HBO Asia	TV		O
9614	VINASAT 1	132	11629	H	28800	3/4	Star Movies Asia	TV		O
9615	VINASAT 1	132	11629	H	28800	3/4	Eurosport Asia	TV		O
9616	VINASAT 1	132	11629	H	28800	3/4	Fox Sports 2 Asia	TV		O
9617	VINASAT 1	132	11629	H	28800	3/4	Fox Sports Vietnam	TV		O
9618	VINASAT 1	132	11629	H	28800	3/4	National Geographic Channel Asia	TV		O
9619	VINASAT 1	132	11629	H	28800	3/4	Discovery Channel South East Asia	TV		O
9620	VINASAT 1	132	11629	H	28800	3/4	Channel V International	TV		O
9621	VINASAT 1	132	11629	H	28800	3/4	Star World Vietnam	TV		O
9622	VINASAT 1	132	11629	H	28800	3/4	Disney Junior Asia	TV		O
9623	VINASAT 1	132	11629	H	28800	3/4	TV 5 Monde Asia	TV		O
9624	VINASAT 1	132	11629	H	28800	3/4	Fashion TV Asia	TV		O
9625	VINASAT 1	132	11629	H	28800	3/4	Hanoi TV 2	TV		O
9626	VINASAT 1	132	11629	H	28800	3/4	SCTV Phim tong hop (Vietnam)	TV		O
9627	VINASAT 1	132	11629	H	28800	3/4	Invest TV	TV		O
9628	VINASAT 1	132	11669	H	30000	3/4	K+1	TV		O
9629	VINASAT 1	132	11669	H	30000	3/4	K+ Nhip song	TV		O
9630	VINASAT 1	132	11669	H	30000	3/4	HBO HD Asia	TV		O
9631	VINASAT 1	132	11669	H	30000	3/4	AXN HD Asia	TV		O
9632	VINASAT 1	132	11669	H	30000	3/4	Star Movies HD	TV		O
9633	VINASAT 1	132	11669	H	30000	3/4	Fox Sports 3 Asia	TV		O
9634	VINASAT 1	132	11669	H	30000	3/4	National Geographic Channel HD Asia	TV		O
9635	VINASAT 1	132	11669	H	30000	3/4	Discovery HD World South East Asia	TV		O
9636	VINASAT 1	132	11669	H	30000	3/4	VTV 3	TV		O
9637	VINASAT 1	132	11669	H	30000	3/4	VTV 1	TV		O
9638	VINASAT 1	132	11669	H	30000	3/4	VTV 6	TV		O
9639	VINASAT 1	132	11669	H	30000	3/4	K+ PM	TV		O
9640	APSTAR 6	134	3830	V	3700	3/4	ATV Classic	TV		O
9641	APSTAR 6	134	3840	H	27500	3/4	CNC Chinese	TV	O	
9642	APSTAR 6	134	3840	H	27500	3/4	CNC English	TV	O	
9643	APSTAR 6	134	3840	H	27500	3/4	HKS TV	TV	O	
9644	APSTAR 6	134	3840	H	27500	3/4	HKS TV 2	TV	O	
9645	APSTAR 6	134	3840	H	27500	3/4	APS TV	TV	O	
9646	APSTAR 6	134	3840	H	27500	3/4	Dim Sum TV	TV		O
9647	APSTAR 6	134	3913	V	1920	4/5	TV 3 (Cambodia)	TV		O
9648	APSTAR 6	134	4020	V	30000	3/4	Beautiful Life TV	TV		O
9649	APSTAR 6	134	4020	V	30000	3/4	EBC Financial News	TV		O
9650	APSTAR 6	134	4020	V	30000	3/4	CTI TV Asia	TV		O
9651	APSTAR 6	134	4020	V	30000	3/4	World Satellite TV	TV		O
9652	APSTAR 6	134	4020	V	30000	3/4	Z Channel	TV		O
9653	APSTAR 6	134	4032	H	2688	3/4	PNN	TV		O
9654	APSTAR 6	134	4051	H	9628	3/4	CTN (Cambodia)	TV	O	
9655	APSTAR 6	134	4051	H	9628	3/4	CNC	TV	O	

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
9656	APSTAR 6	134	4051	H	9628	3/4	My TV (Cambodia)	TV	O	
9657	APSTAR 6	134	4160	H	2963	3/4	SEA TV General	TV	O	
9658	APSTAR 6	134	4160	H	2963	3/4	SEA Radio	R	O	
9659	APSTAR 6	134	12269	V	18000	1/2	CNR 1 Voice of China	R	O	
9660	APSTAR 6	134	12269	V	18000	1/2	CNR 2 Voice of Finance	R	O	
9661	APSTAR 6	134	12269	V	18000	1/2	CNR 3 Voice of Music	R	O	
9662	APSTAR 6	134	12269	V	18000	1/2	CNR 4 Voice of City	R	O	
9663	APSTAR 6	134	12269	V	18000	1/2	CNR 5 Taiwan service 1	R	O	
9664	APSTAR 6	134	12269	V	18000	1/2	CNR 6 Taiwan service 2	R	O	
9665	APSTAR 6	134	12269	V	18000	1/2	CNR 7 Voice of Huaxia FM 104.9	R	O	
9666	APSTAR 6	134	12269	V	18000	1/2	CNR 8 Minorities service	R	O	
9667	APSTAR 6	134	12269	V	18000	1/2	CNR 9 Story Radio	R	O	
9668	APSTAR 6	134	12269	V	18000	1/2	CNR 1 Voice of China	R	O	
9669	APSTAR 6	134	12269	V	18000	1/2	China Radio International	R	O	
9670	APSTAR 6	134	12269	V	18000	1/2	CNR 7 Voice of Huaxia FM 87.8	R	O	
9671	APSTAR 6	134	12269	V	18000	1/2	China Radio International	R	O	
9672	APSTAR 6	134	12269	V	18000	1/2	CRI Easy FM	R	O	
9673	APSTAR 6	134	12269	V	18000	1/2	CRI Hit FM 88.7	R	O	
9674	APSTAR 6	134	12269	V	18000	1/2	CRI Newsradio	R	O	
9675	APSTAR 6	134	12269	V	18000	1/2	CRI Newsradio	R	O	
9676	APSTAR 6	134	12269	V	18000	1/2	CRI Newsradio	R	O	
9677	APSTAR 6	134	12322	V	3600	3/4	CNC Finance	TV		O
9678	APSTAR 6	134	12395	V	27500	3/4	CETV 1	TV		O
9679	APSTAR 6	134	12395	V	27500	3/4	CETV 2	TV		O
9680	APSTAR 6	134	12395	V	27500	3/4	CETV KongKe	TV		O
9681	APSTAR 6	134	12435	V	27500	3/4	CNN International Asia Pacific	TV		O
9682	APSTAR 6	134	12435	V	27500	3/4	HBO Asia	TV		O
9683	APSTAR 6	134	12435	V	27500	3/4	Cinemax Asia	TV		O
9684	APSTAR 6	134	12435	V	27500	3/4	CNBC Asia-Pacific	TV		O
9685	APSTAR 6	134	12435	V	27500	3/4	Star Sports 2 China	TV		O
9686	APSTAR 6	134	12435	V	27500	3/4	National Geographic Channel Asia	TV		O
9687	APSTAR 6	134	12435	V	27500	3/4	Star Movies Asia	TV		O
9688	APSTAR 6	134	12435	V	27500	3/4	AXN East Asia 2	TV		O
9689	APSTAR 6	134	12435	V	27500	3/4	Discovery Channel China	TV		O
9690	APSTAR 6	134	12435	V	27500	3/4	Diva Asia	TV		O
9691	APSTAR 6	134	12515	V	27500	3/4	BBC World News Asia Pacific	TV		O
9692	APSTAR 6	134	12515	V	27500	3/4	NHK World Premium	TV		O
9693	APSTAR 6	134	12515	V	27500	3/4	RT English	TV		O
9694	APSTAR 6	134	12515	V	27500	3/4	Phoenix Movies Channel	TV		O
9695	APSTAR 6	134	12515	V	27500	3/4	TVB 8	TV		O
9696	APSTAR 6	134	12515	V	27500	3/4	TVB Xing He	TV		O
9697	APSTAR 6	134	12515	V	27500	3/4	Now TV	TV		O
9698	APSTAR 6	134	12515	V	27500	3/4	Celestial Movies Asia	TV		O
9699	APSTAR 6	134	12515	V	27500	3/4	Channel NewsAsia	TV		O
9700	APSTAR 6	134	12515	V	27500	3/4	China Entertainment TV	TV		O
9701	APSTAR 6	134	12595	V	27500	3/4	MTV China	TV		O
9702	APSTAR 6	134	12595	V	27500	3/4	Channel V China	TV		O
9703	APSTAR 6	134	12595	V	27500	3/4	Star Sports 1 China	TV		O
9704	APSTAR 6	134	12595	V	27500	3/4	Phoenix Chinese Channel	TV		O
9705	APSTAR 6	134	12595	V	27500	3/4	Macau Asia Satellite TV	TV		O
9706	APSTAR 6	134	12595	V	27500	3/4	TV 5 Monde Asia	TV		O
9707	APSTAR 6	134	12595	V	27500	3/4	Phoenix InfoNews Channel	TV		O
9708	APSTAR 6	134	12595	V	27500	3/4	Xing Kong International	TV		O
9709	APSTAR 6	134	12595	V	27500	3/4	Eurosport News	TV		O
9710	APSTAR 6	134	12595	V	27500	3/4	Bloomberg TV Asia	TV		O
9711	APSTAR 6	134	12675	V	27500	3/4	RTR Planeta	TV		O
9712	APSTAR 6	134	12675	V	27500	3/4	Cubavisión Internacional	TV		O
9713	APSTAR 6	134	12675	V	27500	3/4	KBS World	TV		O
9714	APSTAR 6	134	12675	V	27500	3/4	Zee TV Asia Pacific	TV		O
9715	APSTAR 5	138	3703	V	4444	2/3	AXN Philippines	TV		O
9716	APSTAR 5	138	3734	H	2222	3/4	GMA Davao	TV		O
9717	APSTAR 5	138	3820	V	30000	3/4	Warner TV Asia	TV		O
9718	APSTAR 5	138	3820	V	30000	3/4	HBO HD Asia	TV		O
9719	APSTAR 5	138	3820	V	30000	3/4	Screen Red	TV		O
9720	APSTAR 5	138	3820	V	30000	3/4	Screen Red	TV		O
9721	APSTAR 5	138	3838	H	2200	3/4	SMNI	TV	O	
9722	APSTAR 5	138	3847	H	4444	3/4	GMA Life TV	TV		O
9723	APSTAR 5	138	3847	H	4444	3/4	GMA Pinoy TV Asia-Pacific	TV		O
9724	APSTAR 5	138	3847	H	4444	3/4	DZBB 594 Super Radyo	R		O
9725	APSTAR 5	138	3847	H	4444	3/4	Barangay LS 97.1	R		O
9726	APSTAR 5	138	3854	H	6700	3/4	GMA Network	TV		O
9727	APSTAR 5	138	3866	H	4290	3/4	CCTV 13	TV	O	
9728	APSTAR 5	138	3872	H	6660	3/4	Net 25	TV	O	
9729	APSTAR 5	138	3872	H	6660	3/4	INC TV	TV	O	
9730	APSTAR 5	138	3872	H	6660	3/4	Net 25	TV		O
9731	APSTAR 5	138	3872	H	6660	3/4	Pinas FM 95.5	R	O	
9732	APSTAR 5	138	3872	H	6660	3/4	Radyo Agila	R	O	
9733	APSTAR 5	138	3933	V	3000	3/4	People's TV	TV	O	
9734	APSTAR 5	138	3948	V	17600	3/4	AniPlus HD	TV		O
9735	APSTAR 5	138	3948	V	17600	3/4	CinemaWorld	TV		O
9736	APSTAR 5	138	3948	V	17600	3/4	K+	TV		O
9737	APSTAR 5	138	12272	H	33333	2/3	Hollywood Box	TV		O
9738	APSTAR 5	138	12272	H	33333	2/3	Setanta Sports Asia	TV		O
9739	APSTAR 5	138	12272	H	33333	2/3	Channel V International	TV		O
9740	APSTAR 5	138	12272	H	33333	2/3	Hollywood Library	TV		O
9741	APSTAR 5	138	12272	H	33333	2/3	RTR Planeta	TV		O
9742	APSTAR 5	138	12272	H	33333	2/3	Trace Sport Stars	TV		O



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9743	APSTAR 5	138	12272	H	33333	2/3	Motorvision TV	TV		O
9744	APSTAR 5	138	12272	H	33333	2/3	Baby TV Asia	TV		O
9745	APSTAR 5	138	12272	H	33333	2/3	Cartoon Network Asia	TV		O
9746	APSTAR 5	138	12272	H	33333	2/3	HBO Asia	TV		O
9747	APSTAR 5	138	12272	H	33333	2/3	Univision promo	TV		O
9748	APSTAR 5	138	12272	H	33333	2/3	Mongol TV	TV		O
9749	APSTAR 5	138	12272	H	33333	2/3	Ebolovskol TV	TV		O
9750	APSTAR 5	138	12272	H	33333	2/3	9 TV (Mongolia)	TV		O
9751	APSTAR 5	138	12272	H	33333	2/3	National Geographic Channel HD Asia	TV		O
9752	APSTAR 5	138	12272	H	33333	2/3	Sport Box	TV		O
9753	APSTAR 5	138	12272	H	33333	2/3	Playboy TV Asia	TV		O
9754	APSTAR 5	138	12272	H	33333	2/3	TM TV (Mongolia)	TV		O
9755	APSTAR 5	138	12292	V	45000		CCTV 1	TV		O
9756	APSTAR 5	138	12292	V	45000		CCTV 5+	TV		O
9757	APSTAR 5	138	12292	V	45000		CCTV 6	TV		O
9758	APSTAR 5	138	12292	V	45000		CCTV 8	TV		O
9759	APSTAR 5	138	12292	V	45000		CCTV 9	TV		O
9760	APSTAR 5	138	12292	V	45000		CCTV 13	TV		O
9761	APSTAR 5	138	12292	V	45000		GDTV Sports	TV		O
9762	APSTAR 5	138	12292	V	45000		Guangdong Satellite TV	TV		O
9763	APSTAR 5	138	12292	V	45000		Guangxi TV	TV		O
9764	APSTAR 5	138	12292	V	45000		Zhejiang Satellite TV	TV		O
9765	APSTAR 5	138	12292	V	45000		Jiangsu TV	TV		O
9766	APSTAR 5	138	12292	V	45000		Hunan TV	TV		O
9767	APSTAR 5	138	12292	V	45000		Shandong TV	TV		O
9768	APSTAR 5	138	12292	V	45000		Liaoning TV	TV		O
9769	APSTAR 5	138	12292	V	45000		Dragon TV (China)	TV		O
9770	APSTAR 5	138	12292	V	45000		Anhui TV	TV		O
9771	APSTAR 5	138	12292	V	45000		Xing Kong China	TV		O
9772	APSTAR 5	138	12292	V	45000		Macau Lotus TV	TV		O
9773	APSTAR 5	138	12292	V	45000		TVB Xing He	TV		O
9774	APSTAR 5	138	12292	V	45000		PTS	TV		O
9775	APSTAR 5	138	12292	V	45000		Videoland Movie	TV		O
9776	APSTAR 5	138	12292	V	45000		Videoland ONTV	TV		O
9777	APSTAR 5	138	12292	V	45000		Videoland Drama	TV		O
9778	APSTAR 5	138	12292	V	45000		Videoland Max TV	TV		O
9779	APSTAR 5	138	12292	V	45000		Videoland Sports	TV		O
9780	APSTAR 5	138	12292	V	45000		Videoland Japan	TV		O
9781	APSTAR 5	138	12292	V	45000		TTV	TV		O
9782	APSTAR 5	138	12292	V	45000		CTV (Taiwan)	TV		O
9783	APSTAR 5	138	12292	V	45000		CTS (Taiwan)	TV		O
9784	APSTAR 5	138	12292	V	45000		FTV (Taiwan)	TV		O
9785	APSTAR 5	138	12292	V	45000		PTS	TV		O
9786	APSTAR 5	138	12292	V	45000		Da Ai TV	TV		O
9787	APSTAR 5	138	12292	V	45000		Cartoon Network Taiwan	TV		O
9788	APSTAR 5	138	12292	V	45000		Animax Taiwan	TV		O
9789	APSTAR 5	138	12292	V	45000		GoldSun TV	TV		O
9790	APSTAR 5	138	12292	V	45000		Z Channel	TV		O
9791	APSTAR 5	138	12292	V	45000		Follow Me TV	TV		O
9792	APSTAR 5	138	12292	V	45000		AXN Taiwan	TV		O
9793	APSTAR 5	138	12292	V	45000		Channel V China	TV		O
9794	APSTAR 5	138	12292	V	45000		ITV Finance	TV		O
9795	APSTAR 5	138	12292	V	45000		SET News	TV		O
9796	APSTAR 5	138	12292	V	45000		CTV (Taiwan)	TV		O
9797	APSTAR 5	138	12292	V	45000		CTS (Taiwan)	TV		O
9798	APSTAR 5	138	12292	V	45000		Jiangsu TV	TV		O
9799	APSTAR 5	138	12292	V	45000		Phoenix InfoNews Channel	TV		O
9800	APSTAR 5	138	12354	V	43000	3/4	Guizhou TV	TV		O
9801	APSTAR 5	138	12354	V	43000	3/4	CCTV 1	TV		O
9802	APSTAR 5	138	12354	V	43000	3/4	Phoenix InfoNews Channel	TV		O
9803	APSTAR 5	138	12354	V	43000	3/4	Phoenix Chinese Channel	TV		O
9804	APSTAR 5	138	12354	V	43000	3/4	ETV Movie	TV		O
9805	APSTAR 5	138	12354	V	43000	3/4	TVB 8	TV		O
9806	APSTAR 5	138	12354	V	43000	3/4	TVB Xing He	TV		O
9807	APSTAR 5	138	12354	V	43000	3/4	Zhejiang Satellite TV	TV		O
9808	APSTAR 5	138	12354	V	43000	3/4	Hunan TV	TV		O
9809	APSTAR 5	138	12354	V	43000	3/4	Zhejiang TV	TV		O
9810	APSTAR 5	138	12354	V	43000	3/4	China Movie	TV		O
9811	APSTAR 5	138	12354	V	43000	3/4	CCTV 8	TV		O
9812	APSTAR 5	138	12354	V	43000	3/4	MTV China	TV		O
9813	APSTAR 5	138	12354	V	43000	3/4	CCTV 5	TV		O
9814	APSTAR 5	138	12354	V	43000	3/4	Love TV (China)	TV		O
9815	APSTAR 5	138	12354	V	43000	3/4	TVBS News	TV		O
9816	APSTAR 5	138	12354	V	43000	3/4	CCTV 2	TV		O
9817	APSTAR 5	138	12354	V	43000	3/4	CCTV 3	TV		O
9818	APSTAR 5	138	12354	V	43000	3/4	ATV Home	TV		O
9819	APSTAR 5	138	12354	V	43000	3/4	GDTV Sports	TV		O
9820	APSTAR 5	138	12354	V	43000	3/4	TVBS Entertainment Channel	TV		O
9821	APSTAR 5	138	12354	V	43000	3/4	Diva Asia	TV		O
9822	APSTAR 5	138	12354	V	43000	3/4	CCTV 13	TV		O
9823	APSTAR 5	138	12354	V	43000	3/4	CCTV 10	TV		O
9824	APSTAR 5	138	12354	V	43000	3/4	Celestial Movies Asia	TV		O
9825	APSTAR 5	138	12354	V	43000	3/4	TVB Jade	TV		O
9826	APSTAR 5	138	12354	V	43000	3/4	ATV World	TV		O
9827	APSTAR 5	138	12354	V	43000	3/4	ATV Asia	TV		O
9828	APSTAR 5	138	12354	V	43000	3/4	TVBS	TV		O
9829	APSTAR 5	138	12354	V	43000	3/4	Guangxi TV	TV		O

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9830	APSTAR 5	138	12354	V	43000	3/4	Yoyo TV	TV		O
9831	APSTAR 5	138	12354	V	43000	3/4	Jiangsu TV	TV		O
9832	APSTAR 5	138	12401	V	22425	3/4	TVB Jade	TV		O
9833	APSTAR 5	138	12401	V	22425	3/4	Phoenix Chinese Channel	TV		O
9834	APSTAR 5	138	12401	V	22425	3/4	ETTV Drama	TV		O
9835	APSTAR 5	138	12401	V	22425	3/4	ETTV Foreign Movie	TV		O
9836	APSTAR 5	138	12401	V	22425	3/4	ETTV Movie	TV		O
9837	APSTAR 5	138	12401	V	22425	3/4	LS Time Movie	TV		O
9838	APSTAR 5	138	12401	V	22425	3/4	CCTV 1	TV		O
9839	APSTAR 5	138	12401	V	22425	3/4	CCTV 3	TV		O
9840	APSTAR 5	138	12401	V	22425	3/4	CCTV 5	TV		O
9841	APSTAR 5	138	12401	V	22425	3/4	CCTV 7	TV		O
9842	APSTAR 5	138	12401	V	22425	3/4	ATV Home	TV		O
9843	APSTAR 5	138	12401	V	22425	3/4	Phoenix Hong Kong	TV		O
9844	APSTAR 5	138	12401	V	22425	3/4	TVS 2	TV		O
9845	APSTAR 5	138	12401	V	22425	3/4	Zhujiang TV	TV		O
9846	APSTAR 5	138	12429	H	3330	1/2	VoA Asia 24	TV		O
9847	APSTAR 5	138	12429	H	3330	1/2	Radio Free Asia	TV		O
9848	APSTAR 5	138	12429	H	3330	1/2	NHK World	TV		O
9849	APSTAR 5	138	12429	H	3330	1/2	WRN English Asia Pacific	TV		O
9850	APSTAR 5	138	12429	H	3330	1/2	WRN RadioVision promo	TV		O
9851	APSTAR 5	138	12430	V	22425	5/6	CTI TV News	TV		O
9852	APSTAR 5	138	12430	V	22425	5/6	CTI TV Variety	TV		O
9853	APSTAR 5	138	12430	V	22425	5/6	CTI TV Entertainment	TV		O
9854	APSTAR 5	138	12430	V	22425	5/6	CTV (Taiwan)	TV		O
9855	APSTAR 5	138	12430	V	22425	5/6	CTI TV Asia	TV		O
9856	APSTAR 5	138	12430	V	22425	5/6	Unique Satellite TV	TV		O
9857	APSTAR 5	138	12430	V	22425	5/6	CTV Variety	TV		O
9858	APSTAR 5	138	12430	V	22425	5/6	Top TV 2	TV		O
9859	APSTAR 5	138	12430	V	22425	5/6	TVBS	TV		O
9860	APSTAR 5	138	12430	V	22425	5/6	TVBS Entertainment Channel	TV		O
9861	APSTAR 5	138	12430	V	22425	5/6	Rainbow Channel (Taiwan)	TV		O
9862	APSTAR 5	138	12430	V	22425	5/6	Rainbow E Channel	TV		O
9863	APSTAR 5	138	12430	V	22425	5/6	Rainbow Movie Channel	TV		O
9864	APSTAR 5	138	12430	V	22425	5/6	Rainbow K Channel	TV		O
9865	APSTAR 5	138	12430	V	22425	5/6	Sakura	TV		O
9866	APSTAR 5	138	12439	H	2500	3/4	VoA TV China	TV		O
9867	APSTAR 5	138	12443	H	1459	3/4	Guozhen Special	TV		O
9868	APSTAR 5	138	12472	V	33500	3/4	HKS TV	TV		O
9869	APSTAR 5	138	12472	V	33500	3/4	New Vision	TV		O
9870	APSTAR 5	138	12472	V	33500	3/4	Hunan TV	TV		O
9871	APSTAR 5	138	12472	V	33500	3/4	Beijing TV	TV		O
9872	APSTAR 5	138	12472	V	33500	3/4	CCTV 1	TV		O
9873	APSTAR 5	138	12472	V	33500	3/4	ATV HD	TV		O
9874	APSTAR 5	138	12472	V	33500	3/4	Shenzhen Satellite TV	TV		O
9875	APSTAR 5	138	12472	V	33500	3/4	Combos TV Discovery	TV		O
9876	APSTAR 5	138	12472	V	33500	3/4	Combos TV Movies	TV		O
9877	APSTAR 5	138	12472	V	33500	3/4	Anhui TV	TV		O
9878	APSTAR 5	138	12472	V	33500	3/4	Phoenix InfoNews Channel	TV		O
9879	APSTAR 5	138	12499	V	7200	3/4	HKS TV	TV		O
9880	APSTAR 5	138	12499	V	7200	3/4	APS TV Zhi Yao tests	TV		O
9881	APSTAR 5	138	12499	V	7200	3/4	UNB	TV		O
9882	APSTAR 5	138	12499	V	7200	3/4	Health TV (China)	TV		O
9883	APSTAR 5	138	12499	V	7200	3/4	One TV	TV		O
9884	APSTAR 5	138	12507	H	45000	2/3	TVE Internacional Asia (01-24)	TV		O
9885	APSTAR 5	138	12507	H	45000	2/3	France 24 English	TV		O
9886	APSTAR 5	138	12507	H	45000	2/3	Al Jazeera English	TV		O
9887	APSTAR 5	138	12507	H	45000	2/3	NHK World TV	TV		O
9888	APSTAR 5	138	12507	H	45000	2/3	NBS 1	TV		O
9889	APSTAR 5	138	12507	H	45000	2/3	TV 10 (Mongolia)	TV		O
9890	APSTAR 5	138	12507	H	45000	2/3	B4U Music India	TV		O
9891	APSTAR 5	138	12507	H	45000	2/3	Dream Box	TV		O
9892	APSTAR 5	138	12507	H	45000	2/3	TV Centr Dal'nii Vostok	TV		O
9893	APSTAR 5	138	12507	H	45000	2/3	KMG 1	TV		O
9894	APSTAR 5	138	12507	H	45000	2/3	Nat Geo Music	TV		O
9895	APSTAR 5	138	12507	H	45000	2/3	TV 5 Monde Asia	TV		O
9896	APSTAR 5	138	12507	H	45000	2/3	Rai Italia Asia	TV		O
9897	APSTAR 5	138	12507	H	45000	2/3	MNB	TV		O
9898	APSTAR 5	138	12507	H	45000	2/3	TV 25	TV		O
9899	APSTAR 5	138	12507	H	45000	2/3	Eagle News	TV		O
9900	APSTAR 5	138	12507	H	45000	2/3	TV 5 (Mongolia)	TV		O
9901	APSTAR 5	138	12507	H	45000	2/3	UBS	TV		O
9902	APSTAR 5	138	12507	H	45000	2/3	Bloomberg TV Mongolia	TV		O
9903	APSTAR 5	138	12507	H	45000	2/3	NTV (Mongolia)	TV		O
9904	APSTAR 5	138	12507	H	45000	2/3	Mongolian News Channel	TV		O
9905	APSTAR 5	138	12507	H	45000	2/3	C1	TV		O
9906	APSTAR 5	138	12507	H	45000	2/3	ETV HD	TV		O
9907	APSTAR 5	138	12507	H	45000	2/3	Star TV (Mongolia)	TV		O
9908	APSTAR 5	138	12507	H	45000	2/3	TV 8 (Mongolia)	TV		O
9909	APSTAR 5	138	12507	H	45000	2/3	UBS Global	TV		O
9910	APSTAR 5	138	12507	H	45000	2/3	Nei Monggol TV	TV		O
9911	APSTAR 5	138	12507	H	45000	2/3	Soyon Gegeeruelegch TV	TV		O
9912	APSTAR 5	138	12507	H	45000	2/3	UBS Music	TV		O
9913	APSTAR 5	138	12507	H	45000	2/3	Uih Chuulgan	TV		O
9914	APSTAR 5	138	12507	H	45000	2/3	MIN 2	TV		O
9915	APSTAR 5	138	12507	H	45000	2/3	OTV (Mongolia)	TV		O
9916	APSTAR 5	138	12507	H	45000	2/3	TV AIST Mongolia	TV		O

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9917	APSTAR 5	138	12507	H	45000	2/3	Nat Geo Wild Asia	TV		O
9918	APSTAR 5	138	12507	H	45000	2/3	Bloomberg TV Mongolia	TV		O
9919	APSTAR 5	138	12507	H	45000	2/3	DW	TV		O
9920	APSTAR 5	138	12507	H	45000	2/3	CCTV News	TV		O
9921	APSTAR 5	138	12507	H	45000	2/3	Fashion One Asia (night)	TV		O
9922	APSTAR 5	138	12507	H	45000	2/3	MTV Live HD	TV		O
9923	APSTAR 5	138	12507	H	45000	2/3	OTR	TV		O
9924	APSTAR 5	138	12507	H	45000	2/3	NTV Mir	TV		O
9925	APSTAR 5	138	12507	H	45000	2/3	TNT (+4h)	TV		O
9926	APSTAR 5	138	12507	H	45000	2/3	TV 3 (+2h)	TV		O
9927	APSTAR 5	138	12507	H	45000	2/3	Animal Planet South East Asia	TV		O
9928	APSTAR 5	138	12507	H	45000	2/3	Mass TV	TV		O
9929	APSTAR 5	138	12538	V	41250	1/2	CCTV 4 Asia	TV		O
9930	APSTAR 5	138	12538	V	41250	1/2	CCTV News	TV		O
9931	APSTAR 5	138	12538	V	41250	1/2	CCTV Opera	TV		O
9932	APSTAR 5	138	12538	V	41250	1/2	Beijing TV International	TV		O
9933	APSTAR 5	138	12538	V	41250	1/2	Dragon TV North America	TV		O
9934	APSTAR 5	138	12538	V	41250	1/2	JSBC International	TV		O
9935	APSTAR 5	138	12538	V	41250	1/2	Hunan TV World	TV		O
9936	APSTAR 5	138	12538	V	41250	1/2	Fujian Straits TV	TV		O
9937	APSTAR 5	138	12538	V	41250	1/2	Xiamen Star TV International	TV		O
9938	APSTAR 5	138	12538	V	41250	1/2	TVS 2	TV		O
9939	APSTAR 5	138	12538	V	41250	1/2	Shenzhen Satellite TV International	TV		O
9940	APSTAR 5	138	12598	V	43000	3/4	I-Cable Finance Info Channel	TV		O
9941	APSTAR 5	138	12598	V	43000	3/4	I-Cable News Channel	TV		O
9942	APSTAR 5	138	12598	V	43000	3/4	I-Cable Live News Channel	TV		O
9943	APSTAR 5	138	12598	V	43000	3/4	I-Cable Cable Drama Channel	TV		O
9944	APSTAR 5	138	12598	V	43000	3/4	Cartoon Network Asia	TV		O
9945	APSTAR 5	138	12598	V	43000	3/4	I-Cable Channel 18	TV		O
9946	APSTAR 5	138	12598	V	43000	3/4	Macao Cultural Channel	TV		O
9947	APSTAR 5	138	12598	V	43000	3/4	AXN East Asia 2	TV		O
9948	APSTAR 5	138	12598	V	43000	3/4	Animax Hong Kong	TV		O
9949	APSTAR 5	138	12598	V	43000	3/4	Channel M	TV		O
9950	APSTAR 5	138	12598	V	43000	3/4	Cine P	TV		O
9951	APSTAR 5	138	12598	V	43000	3/4	BBC Knowledge Asia	TV		O
9952	APSTAR 5	138	12598	V	43000	3/4	National Geographic Channel Hong Kong	TV		O
9953	APSTAR 5	138	12598	V	43000	3/4	Discovery Channel South East Asia	TV		O
9954	APSTAR 5	138	12598	V	43000	3/4	TLC South East Asia	TV		O
9955	APSTAR 5	138	12598	V	43000	3/4	I-Cable Super Soccer Channel	TV		O
9956	APSTAR 5	138	12598	V	43000	3/4	I-Cable Cable Sports Channel	TV		O
9957	APSTAR 5	138	12598	V	43000	3/4	I-Cable Soccer Betting	TV		O
9958	APSTAR 5	138	12598	V	43000	3/4	CNN International Asia Pacific	TV		O
9959	APSTAR 5	138	12598	V	43000	3/4	BBC World News Asia Pacific	TV		O
9960	APSTAR 5	138	12598	V	43000	3/4	CNBC Hong Kong	TV		O
9961	APSTAR 5	138	12598	V	43000	3/4	Yoshimoto Azio	TV		O
9962	APSTAR 5	138	12598	V	43000	3/4	I-Cable HD 201	TV		O
9963	APSTAR 5	138	12598	V	43000	3/4	I-Cable HD 203	TV		O
9964	APSTAR 5	138	12598	V	43000	3/4	I-Cable HD Fan	TV		O
9965	APSTAR 5	138	12598	V	43000	3/4	HMC	TV		O
9966	APSTAR 5	138	12598	V	43000	3/4	Movie 1 (Hong Kong)	TV		O
9967	APSTAR 5	138	12629	H	43200	3/4	Outdoor Channel International	TV		O
9968	APSTAR 5	138	12629	H	43200	3/4	CNN International Asia Pacific	TV		O
9969	APSTAR 5	138	12629	H	43200	3/4	Australia Plus TV Asia	TV		O
9970	APSTAR 5	138	12629	H	43200	3/4	BBC World News Asia Pacific	TV		O
9971	APSTAR 5	138	12629	H	43200	3/4	Mezzo Live HD Asia	TV		O
9972	APSTAR 5	138	12629	H	43200	3/4	Karusel	TV		O
9973	APSTAR 5	138	12629	H	43200	3/4	Muzika	TV		O
9974	APSTAR 5	138	12629	H	43200	3/4	Okhota i Rybalka	TV		O
9975	APSTAR 5	138	12629	H	43200	3/4	Vremya	TV		O
9976	APSTAR 5	138	12629	H	43200	3/4	Trace Urban	TV		O
9977	APSTAR 5	138	12629	H	43200	3/4	Dom Kino	TV		O
9978	APSTAR 5	138	12629	H	43200	3/4	Trace Sport Stars	TV		O
9979	APSTAR 5	138	12629	H	43200	3/4	History Asia	TV		O
9980	APSTAR 5	138	12629	H	43200	3/4	Fashion TV SD Asia	TV		O
9981	APSTAR 5	138	12629	H	43200	3/4	SPS Action	TV		O
9982	APSTAR 5	138	12629	H	43200	3/4	SPS Plus	TV		O
9983	APSTAR 5	138	12629	H	43200	3/4	Olooo TV	TV		O
9984	APSTAR 5	138	12629	H	43200	3/4	City Channel	TV		O
9985	APSTAR 5	138	12629	H	43200	3/4	Odon TV	TV		O
9986	APSTAR 5	138	12629	H	43200	3/4	LCN TV	TV		O
9987	APSTAR 5	138	12629	H	43200	3/4	Undesten	TV		O
9988	APSTAR 5	138	12629	H	43200	3/4	Perviy kanal Asia	TV		O
9989	APSTAR 5	138	12629	H	43200	3/4	TV 1 (Mongolia)	TV		O
9990	APSTAR 5	138	12629	H	43200	3/4	Shuurkhai TV	TV		O
9991	APSTAR 5	138	12629	H	43200	3/4	Dream Box	TV		O
9992	APSTAR 5	138	12629	H	43200	3/4	Star TV (Mongolia)	TV		O
9993	APSTAR 5	138	12629	H	43200	3/4	PPTV HD (Mongolia)	TV		O
9994	APSTAR 5	138	12629	H	43200	3/4	Perviy kanal Asia	TV		O
9995	APSTAR 5	138	12629	H	43200	3/4	TV AIST Mongolia	TV		O
9996	APSTAR 5	138	12629	H	43200	3/4	Bloomberg TV Asia	TV		O
9997	APSTAR 5	138	12629	H	43200	3/4	MTB	TV		O
9998	APSTAR 5	138	12629	H	43200	3/4	Eco Channel HD	TV		O
9999	APSTAR 5	138	12629	H	43200	3/4	SPS Prime	TV		O
10000	APSTAR 5	138	12629	H	43200	3/4	Kazakh TV	TV		O
10001	APSTAR 5	138	12629	H	43200	3/4	RTL CBS Entertainment	TV		O
10002	APSTAR 5	138	12629	H	43200	3/4	RTL CBS Extreme	TV		O
10003	APSTAR 5	138	12629	H	43200	3/4	TV 5 Monde Asia	TV		O

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10004	APSTAR 5	138	12629	H	43200	3/4	Cartoon Network Asia	TV		O
10005	APSTAR 5	138	12629	H	43200	3/4	NHK World TV	TV		O
10006	APSTAR 5	138	12629	H	43200	3/4	Boomerang Asia	TV		O
10007	APSTAR 5	138	12629	H	43200	3/4	Asian Food Channel	TV		O
10008	APSTAR 5	138	12629	H	43200	3/4	Nat Geo People Asia	TV		O
10009	APSTAR 5	138	12629	H	43200	3/4	Nat Geo Wild Asia	TV		O
10010	APSTAR 5	138	12629	H	43200	3/4	CBeebies Asia	TV		O
10011	APSTAR 5	138	12629	H	43200	3/4	BBC Knowledge Asia	TV		O
10012	APSTAR 5	138	12629	H	43200	3/4	BBC Lifestyle Asia	TV		O
10013	APSTAR 5	138	12629	H	43200	3/4	BBC Entertainment Asia	TV		O
10014	APSTAR 5	138	12660	V	45000	5/6	Yoyo TV	TV		O
10015	APSTAR 5	138	12660	V	45000	5/6	ETTV Variety	TV		O
10016	APSTAR 5	138	12660	V	45000	5/6	ETTV Drama	TV		O
10017	APSTAR 5	138	12660	V	45000	5/6	ETTV News	TV		O
10018	APSTAR 5	138	12660	V	45000	5/6	EBC Financial News	TV		O
10019	APSTAR 5	138	12660	V	45000	5/6	ETTV Movie	TV		O
10020	APSTAR 5	138	12660	V	45000	5/6	ETTV Foreign Movie	TV		O
10021	APSTAR 5	138	12660	V	45000	5/6	Super TV (Taiwan)	TV		O
10022	APSTAR 5	138	12660	V	45000	5/6	ETTV Asia	TV		O
10023	APSTAR 5	138	12660	V	45000	5/6	ETTV Asia News	TV		O
10024	APSTAR 5	138	12660	V	45000	5/6	ETTV News	TV		O
10025	APSTAR 5	138	12660	V	45000	5/6	TVBS News	TV		O
10026	APSTAR 5	138	12660	V	45000	5/6	FTV News	TV		O
10027	APSTAR 5	138	12660	V	45000	5/6	Next TV News	TV		O
10028	APSTAR 5	138	12660	V	45000	5/6	Next TV Variety	TV		O
10029	APSTAR 5	138	12660	V	45000	5/6	Next TV Movie	TV		O
10030	APSTAR 5	138	12660	V	45000	5/6	Momo Kids	TV		O
10031	APSTAR 5	138	12660	V	45000	5/6	Good 2	TV		O
10032	APSTAR 5	138	12660	V	45000	5/6	Chinese Hope TV	TV		O
10033	APSTAR 5	138	12660	V	45000	5/6	SET International	TV		O
10034	APSTAR 5	138	12660	V	45000	5/6	SET Taiwan	TV		O
10035	APSTAR 5	138	12660	V	45000	5/6	UCTV	TV		O
10036	APSTAR 5	138	12660	V	45000	5/6	GTV 1	TV		O
10037	APSTAR 5	138	12660	V	45000	5/6	GTV Entertainment	TV		O
10038	APSTAR 5	138	12660	V	45000	5/6	GTV Drama	TV		O
10039	APSTAR 5	138	12660	V	45000	5/6	GTV K Channel	TV		O
10040	APSTAR 5	138	12690	H	43200	3/4	Uvurkhangai TV	TV		O
10041	APSTAR 5	138	12690	H	43200	3/4	Eruulmend	TV		O
10042	APSTAR 5	138	12690	H	43200	3/4	Undesten	TV		O
10043	APSTAR 5	138	12690	H	43200	3/4	NBS 1	TV		O
10044	APSTAR 5	138	12690	H	43200	3/4	Like HDTV	TV		O
10045	APSTAR 5	138	12690	H	43200	3/4	Live	TV		O
10046	APSTAR 5	138	12690	H	43200	3/4	Bloomberg TV Mongolia	TV		O
10047	APSTAR 5	138	12690	H	43200	3/4	Movie Box	TV		O
10048	APSTAR 5	138	12690	H	43200	3/4	2 Sugat TV	TV		O
10049	APSTAR 5	138	12690	H	43200	3/4	Star TV (Mongolia)	TV		O
10050	APSTAR 5	138	12690	H	43200	3/4	TV 5 3 (Mongolia)	TV		O
10051	APSTAR 5	138	12690	H	43200	3/4	Mass TV	TV		O
10052	APSTAR 5	138	12690	H	43200	3/4	Malchin Suvag	TV		O
10053	APSTAR 5	138	12690	H	43200	3/4	9 TV 2	TV		O
10054	APSTAR 5	138	12690	H	43200	3/4	TV 10 (Mongolia)	TV		O
10055	APSTAR 5	138	12690	H	43200	3/4	Za TV	TV		O
10056	APSTAR 5	138	12690	H	43200	3/4	UBS Music	TV		O
10057	APSTAR 5	138	12690	H	43200	3/4	UBS Global	TV		O
10058	APSTAR 5	138	12690	H	43200	3/4	Molor HD	TV		O
10059	APSTAR 5	138	12690	H	43200	3/4	Sport Box	TV		O
10060	APSTAR 5	138	12690	H	43200	3/4	TV 8 (Mongolia)	TV		O
10061	APSTAR 5	138	12690	H	43200	3/4	ETV HD	TV		O
10062	APSTAR 5	138	12690	H	43200	3/4	MNB	TV		O
10063	APSTAR 5	138	12690	H	43200	3/4	UBS	TV		O
10064	APSTAR 5	138	12690	H	43200	3/4	TV 25 (Mongolia)	TV		O
10065	APSTAR 5	138	12690	H	43200	3/4	TV 5 (Mongolia)	TV		O
10066	APSTAR 5	138	12690	H	43200	3/4	9 TV (Mongolia)	TV		O
10067	APSTAR 5	138	12690	H	43200	3/4	Ebolovskol TV	TV		O
10068	APSTAR 5	138	12690	H	43200	3/4	C1	TV		O
10069	APSTAR 5	138	12690	H	43200	3/4	TM TV (Mongolia)	TV		O
10070	APSTAR 5	138	12690	H	43200	3/4	NTV (Mongolia)	TV		O
10071	APSTAR 5	138	12690	H	43200	3/4	Eagle News	TV		O
10072	APSTAR 5	138	12690	H	43200	3/4	Shine Delkhii	TV		O
10073	APSTAR 5	138	12690	H	43200	3/4	Ekh Oron TV	TV		O
10074	APSTAR 5	138	12690	H	43200	3/4	Mongolian News Channel	TV		O
10075	APSTAR 5	138	12690	H	43200	3/4	MN 2	TV		O
10076	APSTAR 5	138	12690	H	43200	3/4	Mongol TV	TV		O
10077	APSTAR 5	138	12690	H	43200	3/4	SBN TV (Mongolia)	TV		O
10078	APSTAR 5	138	12690	H	43200	3/4	SPS World	TV		O
10079	APSTAR 5	138	12690	H	43200	3/4	Lavain Egshig	R		O
10080	APSTAR 5	138	12690	H	43200	3/4	MNB Radio 2	R		O
10081	APSTAR 5	138	12690	H	43200	3/4	MNB Radio	R		O
10082	APSTAR 5	138	12721	V	41250	1/2	China Movie	TV		O
10083	APSTAR 5	138	12721	V	41250	1/2	CCTV Entertainment	TV		O
10084	APSTAR 5	138	12721	V	41250	1/2	CCTV 9 Documentary	TV		O
10085	APSTAR 5	138	12721	V	41250	1/2	TJTV World	TV		O
10086	APSTAR 5	138	12721	V	41250	1/2	Chongqing TV International	TV		O
10087	APSTAR 5	138	12721	V	41250	1/2	Taishan TV	TV		O
10088	APSTAR 5	138	12721	V	41250	1/2	China Yellow River TV Station	TV		O
10089	APSTAR 5	138	12721	V	41250	1/2	Henan TV International Channel	TV		O
10090	APSTAR 5	138	12721	V	41250	1/2	Anhui International Channel	TV		O

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10091	APSTAR 5	138	12721	V	41250	1/2	Zhejiang Satellite TV International	TV		O
10092	APSTAR 5	138	12721	V	41250	1/2	Yunnan International Channel	TV		O
10093	EXPRESS AM5	140	3675	CR	33483	7/8	5 Kanal (+4h)	TV		O
10094	EXPRESS AM5	140	3675	CR	33483	7/8	Rossiya 1 (+4h)	TV		O
10095	EXPRESS AM5	140	3675	CR	33483	7/8	Rossiya K (+4h)	TV		O
10096	EXPRESS AM5	140	3675	CR	33483	7/8	Perviy kanal (+4h)	TV		O
10097	EXPRESS AM5	140	3675	CR	33483	7/8	Radio Chanson	TV		O
10098	EXPRESS AM5	140	3675	CR	33483	7/8	Radio Rossii (+4h)	TV		O
10099	EXPRESS AM5	140	3675	CR	33483	7/8	Vesti FM	TV		O
10100	EXPRESS AM5	140	3675	CR	33483	7/8	Radio Mayak	TV		O
10101	EXPRESS AM5	140	3758	CR	4340	3/4	GTRK Novosibirsk	TV		O
10102	EXPRESS AM5	140	3758	CR	4340	3/4	Radio Rossii	R		O
10103	EXPRESS AM5	140	3808	CR	3215	3/4	TV Sever	TV		O
10104	EXPRESS AM5	140	3817	CR	4270	3/4	GTRK Altai	TV		O
10105	EXPRESS AM5	140	3817	CR	4270	3/4	Radio Rossii	R		O
10106	EXPRESS AM5	140	3838	CR	3230	3/4	GTRK Perm	TV		O
10107	EXPRESS AM5	140	3838	CR	3230	3/4	Radio Rossii	R		O
10108	EXPRESS AM5	140	3838	CR	3230	3/4	Radio Mayak Perm	R		O
10109	EXPRESS AM5	140	3843	CR	3220	3/4	GTRK Kurgan	TV		O
10110	EXPRESS AM5	140	3843	CR	3220	3/4	Radio Rossii	R		O
10111	EXPRESS AM5	140	3843	CR	3220	3/4	Radio Za Oblakami	R		O
10112	EXPRESS AM5	140	3875	CR	33390	8/9	Perviy kanal (+6h)	TV		O
10113	EXPRESS AM5	140	3875	CR	33390	8/9	Rossiya 1 (+6h)	TV		O
10114	EXPRESS AM5	140	3875	CR	33390	8/9	5 Kanal (+7h)	TV		O
10115	EXPRESS AM5	140	3875	CR	33390	8/9	Perviy kanal (+8h)	TV		O
10116	EXPRESS AM5	140	3875	CR	33390	8/9	Rossiya 1 (+8h)	TV		O
10117	EXPRESS AM5	140	3875	CR	33390	8/9	Rossiya K (+7h)	TV		O
10118	EXPRESS AM5	140	3875	CR	33390	8/9	Radio Rossii (+6h)	R		O
10119	EXPRESS AM5	140	3875	CR	33390	8/9	Radio Mayak	R		O
10120	EXPRESS AM5	140	3875	CR	33390	8/9	Radio Rossii (+8h)	R		O
10121	EXPRESS AM5	140	3925	CR	4883	1/2	Perviy kanal Asia	TV		O
10122	EXPRESS AM5	140	4108	CR	4275	3/4	GTRK Buryatiya	TV		O
10123	EXPRESS AM5	140	4108	CR	4275	3/4	Radio Burjati	R		O
10124	EXPRESS AM5	140	4114	CR	4285	3/4	TRK Irkutsk	TV		O
10125	EXPRESS AM5	140	4114	CR	4285	3/4	Radio Rossii	R		O
10126	EXPRESS AM5	140	4175	CR	3294	3/4	GTRK Krasnoyarsk	TV		O
10127	EXPRESS AM5	140	10980	H	3200	3/4	GTRK Tomsk	TV		O
10128	EXPRESS AM5	140	10980	H	3200	3/4	Radio Sibir	R		O
10129	EXPRESS AM5	140	10980	H	3200	3/4	Radio Rossii	R		O
10130	EXPRESS AM5	140	11000	H	5700	3/4	GTRK Kuzbass	TV		O
10131	EXPRESS AM5	140	11000	H	5700	3/4	Kuzbass FM	R		O
10132	EXPRESS AM5	140	11006	H	4444	3/4	OTS	TV		O
10133	EXPRESS AM5	140	11006	H	4444	3/4	Radio Novoe Slovo	R		O
10134	EXPRESS AM5	140	11028	V	1666	7/8	Studiya Fakt	TV		O
10135	EXPRESS AM5	140	11053	V	1570	2/3	TV Luch (Tarko-Sale)	TV		O
10136	EXPRESS AM5	140	11053	V	1570	2/3	Serebryany Dozhd	TV		O
10137	EXPRESS AM5	140	11055	V	1666	2/3	Studiya Fakt	TV		O
10138	EXPRESS AM5	140	11117	H	4444	3/4	Enisey	TV		O
10139	SUPERBIRD C2	144	12508	V	21096	3/4	Music from the West	R		O
10140	SUPERBIRD C2	144	12508	V	21096	3/4	Usen Hits Instrumental	R		O
10141	SUPERBIRD C2	144	12508	V	21096	3/4	Easy Classics	R		O
10142	SUPERBIRD C2	144	12508	V	21096	3/4	Jazz	R		O
10143	SUPERBIRD C2	144	12508	V	21096	3/4	Japanese Music	R		O
10144	SUPERBIRD C2	144	12508	V	21096	3/4	Seasonal Music	R		O
10145	SUPERBIRD C2	144	12508	V	21096	3/4	Japanese Folk Music	R		O
10146	SUPERBIRD C2	144	12508	V	21096	3/4	Sound of Okinawa	R		O
10147	SUPERBIRD C2	144	12508	V	21096	3/4	Golden Oldies	R		O
10148	SUPERBIRD C2	144	12508	V	21096	3/4	Cine Mode	R		O
10149	SUPERBIRD C2	144	12508	V	21096	3/4	Yes FM (Japan)	R		O
10150	SUPERBIRD C2	144	12508	V	21096	3/4	American Top Hits	R		O
10151	SUPERBIRD C2	144	12508	V	21096	3/4	U-Wide	R		O
10152	SUPERBIRD C2	144	12508	V	21096	3/4	J-Pop Usen Hits	R		O
10153	SUPERBIRD C2	144	12508	V	21096	3/4	User Power Hits	R		O
10154	SUPERBIRD C2	144	12508	V	21096	3/4	New Disc J-Pop	R		O
10155	SUPERBIRD C2	144	12508	V	21096	3/4	Usen Power Hits	R		O
10156	SUPERBIRD C2	144	12508	V	21096	3/4	All Time Classics	R		O
10157	SUPERBIRD C2	144	12508	V	21096	3/4	Rock & Pops	R		O
10158	SUPERBIRD C2	144	12508	V	21096	3/4	R & B	R		O
10159	SUPERBIRD C2	144	12508	V	21096	3/4	Jazz	R		O
10160	SUPERBIRD C2	144	12508	V	21096	3/4	Easy Listening	R		O
10161	SUPERBIRD C2	144	12508	V	21096	3/4	J-Pop Indies Station	R		O
10162	SUPERBIRD C2	144	12508	V	21096	3/4	Indies Hits	R		O
10163	SUPERBIRD C2	144	12508	V	21096	3/4	J-Pop	R		O
10164	SUPERBIRD C2	144	12508	V	21096	3/4	J-Rock	R		O
10165	SUPERBIRD C2	144	12508	V	21096	3/4	Enka	R		O
10166	SUPERBIRD C2	144	12508	V	21096	3/4	Idol	R		O
10167	SUPERBIRD C2	144	12508	V	21096	3/4	Folk Music	R		O
10168	SUPERBIRD C2	144	12508	V	21096	3/4	Adult Pops	R		O
10169	SUPERBIRD C2	144	12508	V	21096	3/4	Monthly Artist Selection	R		O
10170	SUPERBIRD C2	144	12508	V	21096	3/4	Weekly Artist Selection	R		O
10171	SUPERBIRD C2	144	12508	V	21096	3/4	Oldies	R		O
10172	SUPERBIRD C2	144	12508	V	21096	3/4	Enka	R		O
10173	SUPERBIRD C2	144	12508	V	21096	3/4	70's Hits	R		O
10174	SUPERBIRD C2	144	12508	V	21096	3/4	80's Hits	R		O
10175	SUPERBIRD C2	144	12508	V	21096	3/4	90's Hits	R		O
10176	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Contemporary	R		O
10177	SUPERBIRD C2	144	12508	V	21096	3/4	Popular R & B	R		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미약, 암호화 등)
10178	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Hip Hop	R		O
10179	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Soul	R		O
10180	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Blues	R		O
10181	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Rock Classics	R		O
10182	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Rock	R		O
10183	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Heavy Metal	R		O
10184	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Elvis Presley	R		O
10185	SUPERBIRD C2	144	12508	V	21096	3/4	Popular The Beatles	R		O
10186	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Monthly Artist Selection	R		O
10187	SUPERBIRD C2	144	12508	V	21096	3/4	Popular Weekly Artist Selection	R		O
10188	SUPERBIRD C2	144	12508	V	21096	3/4	Popular 70's Hits	R		O
10189	SUPERBIRD C2	144	12508	V	21096	3/4	Popular 90's Hits	R		O
10190	SUPERBIRD C2	144	12508	V	21096	3/4	Reggae	R		O
10191	SUPERBIRD C2	144	12508	V	21096	3/4	Merocoa Grind House	R		O
10192	SUPERBIRD C2	144	12508	V	21096	3/4	Modern Jazz	R		O
10193	SUPERBIRD C2	144	12508	V	21096	3/4	Jazz Vocal	R		O
10194	SUPERBIRD C2	144	12508	V	21096	3/4	Jazz Fusion	R		O
10195	SUPERBIRD C2	144	12508	V	21096	3/4	Hall of Fame Japanese	R		O
10196	SUPERBIRD C2	144	12508	V	21096	3/4	Hall of Fame Overseas	R		O
10197	SUPERBIRD C2	144	12508	V	21096	3/4	Classic Opera	R		O
10198	SUPERBIRD C2	144	12508	V	21096	3/4	Classic Symphonies & Concertos	R		O
10199	SUPERBIRD C2	144	12508	V	21096	3/4	Classic Chamber/Instrumental	R		O
10200	SUPERBIRD C2	144	12508	V	21096	3/4	Classic Baroque	R		O
10201	SUPERBIRD C2	144	12508	V	21096	3/4	Classic Selection of Famous Composers	R		O
10202	SUPERBIRD C2	144	12508	V	21096	3/4	95.5 WPLJ	R		O
10203	SUPERBIRD C2	144	12508	V	21096	3/4	Power 106 FM	R		O
10204	SUPERBIRD C2	144	12508	V	21096	3/4	Absolute Radio	R		O
10205	SUPERBIRD C2	144	12508	V	21096	3/4	NRJ France	R		O
10206	SUPERBIRD C2	144	12508	V	21096	3/4	KSSK FM 92.3	R		O
10207	SUPERBIRD C2	144	12508	V	21096	3/4	96.5 KOIT	R		O
10208	SUPERBIRD C2	144	12508	V	21096	3/4	Lounge Music	R		O
10209	SUPERBIRD C2	144	12508	V	21096	3/4	J-Pop 1	R		O
10210	SUPERBIRD C2	144	12508	V	21096	3/4	J-Pop 2	R		O
10211	SUPERBIRD C2	144	12508	V	21096	3/4	Enka 1	R		O
10212	SUPERBIRD C2	144	12508	V	21096	3/4	Variety of Japanese Pops 1	R		O
10213	SUPERBIRD C2	144	12508	V	21096	3/4	Popular 1	R		O
10214	SUPERBIRD C2	144	12508	V	21096	3/4	Variety of Japanese Pops 2	R		O
10215	SUPERBIRD C2	144	12508	V	21096	3/4	J-Pop 3	R		O
10216	SUPERBIRD C2	144	12549	V	2900	3/4	Da Ai TV	TV	O	
10217	SUPERBIRD C2	144	12558	V	3515	3/4	Medekiku TV (Tue/Thu/Sat 12.00-22.30)	TV		O
10218	SUPERBIRD C2	144	12598	V	21096	3/4	Usen Monthly Special	R		O
10219	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Classic 1	R		O
10220	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Classic 2	R		O
10221	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Classic 3	R		O
10222	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Classic 4	R		O
10223	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Classic 5	R		O
10224	SUPERBIRD C2	144	12598	V	21096	3/4	Adlib	R		O
10225	SUPERBIRD C2	144	12598	V	21096	3/4	Mints	R		O
10226	SUPERBIRD C2	144	12598	V	21096	3/4	TV & Cinema Now	R		O
10227	SUPERBIRD C2	144	12598	V	21096	3/4	Brio	R		O
10228	SUPERBIRD C2	144	12598	V	21096	3/4	Piano Compilation	R		O
10229	SUPERBIRD C2	144	12598	V	21096	3/4	GM Yoshii presents Hip Hop	R		O
10230	SUPERBIRD C2	144	12598	V	21096	3/4	Bonjour Records	R		O
10231	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Popular 1	R		O
10232	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Popular 2	R		O
10233	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Popular 3	R		O
10234	SUPERBIRD C2	144	12598	V	21096	3/4	Artist selection Popular 4	R		O
10235	SUPERBIRD C2	144	12598	V	21096	3/4	Spotlight on Classics	R		O
10236	SUPERBIRD C2	144	12598	V	21096	3/4	Ongaku to Hito	R		O
10237	SUPERBIRD C2	144	12598	V	21096	3/4	BBC In Concert	R		O
10238	SUPERBIRD C2	144	12598	V	21096	3/4	Readymade channel	R		O
10239	SUPERBIRD C2	144	12598	V	21096	3/4	Disk union Recommend Jazz	R		O
10240	SUPERBIRD C2	144	12598	V	21096	3/4	Cool Sound	R		O
10241	SUPERBIRD C2	144	12598	V	21096	3/4	Salon Jazz	R		O
10242	SUPERBIRD C2	144	12658	V	21096	3/4	KBS 1 Radio	R		O
10243	SUPERBIRD C2	144	12658	V	21096	3/4	China Radio International	R		O
10244	SUPERBIRD C2	144	12658	V	21096	3/4	WRN English Asia Pacific	R		O
10245	SUPERBIRD C2	144	12658	V	21096	3/4	NPR Worldwide	R		O
10246	SUPERBIRD C2	144	12658	V	21096	3/4	Showa Roman	R		O
10247	SUPERBIRD C2	144	12658	V	21096	3/4	Birdcall	R		O
10248	SUPERBIRD C2	144	12658	V	21096	3/4	Hot 97 FM (New York)	R		O
10249	SUPERBIRD C2	144	12658	V	21096	3/4	KKSF 103.7	R		O
10250	SUPERBIRD C2	144	12658	V	21096	3/4	Radio Disney	R		O
10251	SUPERBIRD C2	144	12658	V	21096	3/4	Classic FM UK	R		O
10252	SUPERBIRD C2	144	12658	V	21096	3/4	Radio Nikkei 1	R		O
10253	SUPERBIRD C2	144	12658	V	21096	3/4	Radio Nikkei 2	R		O
10254	SUPERBIRD C2	144	12658	V	21096	3/4	Cross FM	R		O
10255	SUPERBIRD C2	144	12658	V	21096	3/4	Enka & Popular song 12	R		O
10256	SUPERBIRD C2	144	12658	V	21096	3/4	Enka & Popular song 13	R		O
10257	SUPERBIRD C2	144	12658	V	21096	3/4	Enka & Popular song 10	R		O
10258	SUPERBIRD C2	144	12658	V	21096	3/4	Enka & Popular song 8	R		O
10259	SUPERBIRD C2	144	12658	V	21096	3/4	Enka & Popular song 11	R		O
10260	SUPERBIRD C2	144	12658	V	21096	3/4	Enka & Popular song 9	R		O
10261	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 15	R		O
10262	SUPERBIRD C2	144	12658	V	21096	3/4	Popular 3	R		O
10263	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 8	R		O
10264	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 9	R		O



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10265	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 16	R		O
10266	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 17	R		O
10267	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 6	R		O
10268	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 7	R		O
10269	SUPERBIRD C2	144	12658	V	21096	3/4	Popular 2	R		O
10270	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 3	R		O
10271	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 4	R		O
10272	SUPERBIRD C2	144	12658	V	21096	3/4	Popular song synthesis 5	R		O
10273	SUPERBIRD C2	144	12658	V	21096	3/4	Enka 4	R		O
10274	SUPERBIRD C2	144	12658	V	21096	3/4	Enka 5	R		O
10275	SUPERBIRD C2	144	12658	V	21096	3/4	Enka 6	R		O
10276	SUPERBIRD C2	144	12658	V	21096	3/4	Enka 7	R		O
10277	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 4	R		O
10278	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 5	R		O
10279	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 6	R		O
10280	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 7	R		O
10281	SUPERBIRD C2	144	12658	V	21096	3/4	J-Pop 8	R		O
10282	SUPERBIRD C2	144	12658	V	21096	3/4	North Wave 82.5	R		O
10283	SUPERBIRD C2	144	12658	V	21096	3/4	J-Wave	R		O
10284	SUPERBIRD C2	144	12658	V	21096	3/4	FM Yokohama 84.7	R		O
10285	SUPERBIRD C2	144	12658	V	21096	3/4	FM 802	R		O
10286	SUPERBIRD C2	144	12658	V	21096	3/4	Zip-FM 77.8	R		O
10287	SUPERBIRD C2	144	12658	V	21096	3/4	BBC World Service	R		O
10288	SUPERBIRD C2	144	12658	V	21096	3/4	Voice of America	R		O
10289	SUPERBIRD C2	144	12658	V	21096	3/4	Radio France Internationale	R		O
10290	OPTUS D2	152	12295	V	1644	?	702 ABC Sydney	R		O
10291	OPTUS D2	152	12295	V	1644	?	ABC Grandstand	R		O
10292	OPTUS D2	152	12295	V	1644	?	702 ABC Sydney	R		O
10293	OPTUS D2	152	12295	V	1644	?	ABC Radio National Queensland	R		O
10294	OPTUS D2	152	12519	V	22500	3/4	Australian Christian Channel	TV		O
10295	OPTUS D2	152	12519	V	22500	3/4	God TV Australia	TV		O
10296	OPTUS D2	152	12519	V	22500	3/4	Daystar TV	TV		O
10297	OPTUS D2	152	12519	V	22500	3/4	Inspiration TV	TV		O
10298	OPTUS D2	152	12519	V	22500	3/4	EWTN Pacific Rim	TV		O
10299	OPTUS D2	152	12519	V	22500	3/4	BVN TV Australië	TV		O
10300	OPTUS D2	152	12519	V	22500	3/4	SBN (USA)	TV		O
10301	OPTUS D2	152	12519	V	22500	3/4	Jame-Jam TV Network	TV		O
10302	OPTUS D2	152	12519	V	22500	3/4	TVP Info	TV		O
10303	OPTUS D2	152	12519	V	22500	3/4	Ifilm English	TV		O
10304	OPTUS D2	152	12519	V	22500	3/4	Press TV	TV		O
10305	OPTUS D2	152	12519	V	22500	3/4	Raw FM	R		O
10306	OPTUS D2	152	12519	V	22500	3/4	Vietnamese Radio Australia	R		O
10307	OPTUS D2	152	12519	V	22500	3/4	Mood Media Radio	R		O
10308	OPTUS D2	152	12546	V	22500	3/4	Al-Iraqiya News	TV		O
10309	OPTUS D2	152	12546	V	22500	3/4	Slika Hrvatske	TV		O
10310	OPTUS D2	152	12546	V	22500	3/4	Nova World	TV		O
10311	OPTUS D2	152	12546	V	22500	3/4	RTS Satelit	TV		O
10312	OPTUS D2	152	12546	V	22500	3/4	Al Horreya TV	TV		O
10313	OPTUS D2	152	12546	V	22500	3/4	MRT Sat	TV		O
10314	OPTUS D2	152	12546	V	22500	3/4	Smart LifeStyle TV	TV		O
10315	OPTUS D2	152	12546	V	22500	3/4	MRT 2 Sat	TV		O
10316	OPTUS D2	152	12546	V	22500	3/4	Al Malakoot Sat	TV		O
10317	OPTUS D2	152	12546	V	22500	3/4	CTV (Egypt)	TV		O
10318	OPTUS D2	152	12546	V	22500	3/4	Alkarma TV Middle East & Australia	TV		O
10319	OPTUS D2	152	12546	V	22500	3/4	ABN (USA)	TV		O
10320	OPTUS D2	152	12546	V	22500	3/4	Aghapy TV	TV		O
10321	OPTUS D2	152	12546	V	22500	3/4	Radio Mir Medjugorje	R		O
10322	OPTUS D2	152	12546	V	22500	3/4	Glas Hrvatske	R		O
10323	OPTUS D2	152	12546	V	22500	3/4	Narodni Radio	R		O
10324	OPTUS D2	152	12546	V	22500	3/4	Radio Beograd 1	R		O
10325	OPTUS D2	152	12546	V	22500	3/4	MR Sat	R		O
10326	OPTUS D2	152	12581	H	22500	3/4	Telepace	TV		O
10327	OPTUS D2	152	12581	H	22500	3/4	TV Globo Internacional Américas	TV		O
10328	OPTUS D2	152	12581	H	22500	3/4	TVI Internacional	TV		O
10329	OPTUS D2	152	12581	H	22500	3/4	RTP Internacional Ásia	TV		O
10330	OPTUS D2	152	12581	H	22500	3/4	SIC Internacional	TV		O
10331	OPTUS D2	152	12581	H	22500	3/4	Record Américas	TV		O
10332	OPTUS D2	152	12581	H	22500	3/4	TV Chile	TV		O
10333	OPTUS D2	152	12581	H	22500	3/4	TBN Pacific	TV		O
10334	OPTUS D2	152	12581	H	22500	3/4	The Church Channel	TV		O
10335	OPTUS D2	152	12581	H	22500	3/4	Smile of a Child TV	TV		O
10336	OPTUS D2	152	12581	H	22500	3/4	Juce TV	TV		O
10337	OPTUS D2	152	12581	H	22500	3/4	Vietface TV Australia	TV		O
10338	OPTUS D2	152	12581	H	22500	3/4	Velayat TV Network	TV		O
10339	OPTUS D2	152	12581	H	22500	3/4	Hod Hod Arabic TV	TV		O
10340	OPTUS D2	152	12581	H	22500	3/4	Canal 13i	TV		O
10341	OPTUS D2	152	12581	H	22500	3/4	RDP Internacional	R		O
10342	OPTUS D2	152	12581	H	22500	3/4	Tama-Ohi Radio	R		O
10343	OPTUS D2	152	12581	H	22500	3/4	Radio Vaticana Telepace	R		O
10344	OPTUS D2	152	12581	H	22500	3/4	Vision Radio Network	R		O
10345	OPTUS D2	152	12581	H	22500	3/4	Kiss FM (Australia)	R		O
10346	OPTUS D2	152	12608	H	22500	3/4	Marjaeyat	TV		O
10347	OPTUS D2	152	12608	H	22500	3/4	TRT Türk	TV		O
10348	OPTUS D2	152	12608	H	22500	3/4	Duna World	TV		O
10349	OPTUS D2	152	12608	H	22500	3/4	TVR International	TV		O
10350	OPTUS D2	152	12608	H	22500	3/4	Kurdistan TV	TV		O
10351	OPTUS D2	152	12608	H	22500	3/4	The Word Network	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
10352	OPTUS D2	152	12608	H	22500	3/4	Rúdaw	TV		O
10353	OPTUS D2	152	12608	H	22500	3/4	3ABN International	TV		O
10354	OPTUS D2	152	12608	H	22500	3/4	Angel TV Australia	TV		O
10355	OPTUS D2	152	12608	H	22500	3/4	Amazing Discoveries TV	TV		O
10356	OPTUS D2	152	12608	H	22500	3/4	RT English	TV		O
10357	OPTUS D2	152	12608	H	22500	3/4	Thai TV Global Network	TV		O
10358	OPTUS D2	152	12608	H	22500	3/4	3ABN Australia Radio	R		O
10359	OPTUS D2	152	12608	H	22500	3/4	The Overcomer	R		O
10360	OPTUS D2	152	12608	H	22500	3/4	TSR	R		O
10361	OPTUS D2	152	12608	H	22500	3/4	TRT FM	R		O
10362	OPTUS D2	152	12608	H	22500	3/4	3ABN Radio	R		O
10363	OPTUS D2	152	12608	H	22500	3/4	Duna World Rádió	R		O
10364	OPTUS D2	152	12706	V	22500	3/4	Al Hayat 2	TV		O
10365	OPTUS D2	152	12706	V	22500	3/4	TVP Polonia	TV		O
10366	OPTUS D2	152	12706	V	22500	3/4	Sawt Alitraa TV	TV		O
10367	OPTUS D2	152	12706	V	22500	3/4	ITVN Europe	TV		O
10368	OPTUS D2	152	12706	V	22500	3/4	Hope Channel International	TV		O
10369	OPTUS D2	152	12706	V	22500	3/4	Karbala Satellite Channel	TV		O
10370	OPTUS D2	152	12706	V	22500	3/4	Bible Explorations TV	TV		O
10371	OPTUS D2	152	12706	V	22500	3/4	CNC Chinese	TV		O
10372	OPTUS D2	152	12706	V	22500	3/4	CNC English	TV		O
10373	OPTUS D2	152	12706	V	22500	3/4	RSN Racing & Sport	R		O
10374	OPTUS D2	152	12706	V	22500	3/4	Polskie Radio Jedyńka	R		O
10375	OPTUS D2	152	12706	V	22500	3/4	Hope Channel Radio	R		O
10376	OPTUS D2	152	12734	V	22500	3/4	Al-Iraqiya 2	TV		O
10377	OPTUS D2	152	12734	V	22500	3/4	The Way TV	TV		O
10378	OPTUS D2	152	12734	V	22500	3/4	Abu Dhabi TV Europe	TV		O
10379	OPTUS D2	152	12734	V	22500	3/4	Oman TV	TV		O
10380	OPTUS D2	152	12734	V	22500	3/4	Al-Fady TV	TV		O
10381	OPTUS D2	152	12734	V	22500	3/4	ERI TV 1	TV		O
10382	OPTUS D2	152	12734	V	22500	3/4	Sun Music	TV		O
10383	OPTUS D2	152	12734	V	22500	3/4	Jaya TV (India)	TV		O
10384	OPTUS D2	152	12734	V	22500	3/4	Kalaigmar TV Asia	TV		O
10385	OPTUS D2	152	12734	V	22500	3/4	Sun TV (India)	TV		O
10386	OPTUS D2	152	12734	V	22500	3/4	PTC Punjabi	TV		O
10387	OPTUS D2	152	12734	V	22500	3/4	Aaj Tak	TV		O
10388	OPTUS D2	152	12734	V	22500	3/4	Life OK India	TV		O
10389	OPTUS D2	152	12734	V	22500	3/4	India Today	TV		O
10390	OPTUS D2	152	12734	V	22500	3/4	Star Plus Southeast Asia	TV		O
10391	OPTUS D2	152	12734	V	22500	3/4	Star Gold	TV		O
10392	OPTUS D2	152	12734	V	22500	3/4	B4U Movies India	TV		O
10393	OPTUS D2	152	12734	V	22500	3/4	M Tunes HD	TV		O
10394	OPTUS D2	152	12734	V	22500	3/4	QK Radio	R		O
10395	OPTUS D2	152	12734	V	22500	3/4	Dimtsi Hafash	R		O
10396	OPTUS D2	152	12734	V	22500	3/4	Radio Zara FM	R		O
10397	OPTUS D2	152	12734	V	22500	3/4	K Mart Radio 1	R		O
10398	OPTUS D2	152	12734	V	22500	3/4	Suryan FM	R		O
10399	OPTUS D2	152	12734	V	22500	3/4	Emarat FM	R		O
10400	OPTUS D2	152	12734	V	22500	3/4	Radio Oman	R		O
10401	OPTUS D2	152	12734	V	22500	3/4	Santa Banta Radio	R		O
10402	OPTUS D2	152	12734	V	22500	3/4	HumDesi Radio New York/New Jersey	R		O
10403	JCSAT 2A	154	12505	H	2856	2/3	Worldmate	TV		O
10404	JCSAT 2A	154	12700	H	5274	3/4	AG Net	TV		O
10405	OPTUS C1	156	12358	H	27800	3/4	Nickelodeon Australia	TV		O
10406	OPTUS C1	156	12358	H	27800	3/4	World Movies Channel	TV		O
10407	OPTUS C1	156	12358	H	27800	3/4	Fox Sports 3 Australia	TV		O
10408	OPTUS C1	156	12358	H	27800	3/4	Universal Channel Australia	TV		O
10409	OPTUS C1	156	12358	H	27800	3/4	Discovery Channel Australia	TV		O
10410	OPTUS C1	156	12358	H	27800	3/4	National Geographic Channel Australia & New Zealand	TV		O
10411	OPTUS C1	156	12358	H	27800	3/4	The History Channel Australia & New Zealand	TV		O
10412	OPTUS C1	156	12358	H	27800	3/4	FX Australia	TV		O
10413	OPTUS C1	156	12396	V	30000	3/5	One (Australia)	TV		O
10414	OPTUS C1	156	12396	V	30000	3/5	Ten Perth	TV		O
10415	OPTUS C1	156	12396	V	30000	3/5	11	TV		O
10416	OPTUS C1	156	12396	V	30000	3/5	GWN 7	TV		O
10417	OPTUS C1	156	12396	V	30000	3/5	GWN 7	TV		O
10418	OPTUS C1	156	12396	V	30000	3/5	GWN 7	TV		O
10419	OPTUS C1	156	12396	V	30000	3/5	7 Two	TV		O
10420	OPTUS C1	156	12396	V	30000	3/5	7 mate	TV		O
10421	OPTUS C1	156	12396	V	30000	3/5	4Me	TV		O
10422	OPTUS C1	156	12396	V	30000	3/5	7 mate Central	TV		O
10423	OPTUS C1	156	12396	V	30000	3/5	Go! Perth	TV		O
10424	OPTUS C1	156	12396	V	30000	3/5	GEM (Australia)	TV		O
10425	OPTUS C1	156	12396	V	30000	3/5	Win TV (Australia)	TV		O
10426	OPTUS C1	156	12396	V	30000	3/5	Gold (Australia)	TV		O
10427	OPTUS C1	156	12398	H	27800	3/4	Rai Italia Australia	TV		O
10428	OPTUS C1	156	12398	H	27800	3/4	Ant1 Pacific	TV		O
10429	OPTUS C1	156	12398	H	27800	3/4	Fox News Channel	TV		O
10430	OPTUS C1	156	12398	H	27800	3/4	Bloomberg TV Asia	TV		O
10431	OPTUS C1	156	12398	H	27800	3/4	Animal Planet Australia	TV		O
10432	OPTUS C1	156	12398	H	27800	3/4	Sky News Weather Channel	TV		O
10433	OPTUS C1	156	12398	H	27800	3/4	Lifestyle Food	TV		O
10434	OPTUS C1	156	12398	H	27800	3/4	Bio Australia	TV		O
10435	OPTUS C1	156	12398	H	27800	3/4	ESPN Australia	TV		O
10436	OPTUS C1	156	12438	H	27800	3/4	Foxtel Digital Help	TV		O
10437	OPTUS C1	156	12438	H	27800	3/4	Ovation (Australia)	TV		O
10438	OPTUS C1	156	12478	H	27800	3/4	Fox Sports 1 Australia	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조필가 (신호미약, 일표화 등)
10439	OPTUS C1	156	12478	H	27800	3/4	Fox Sports 2 Australia	TV		○
10440	OPTUS C1	156	12478	H	27800	3/4	Fox Sports News Active	TV		○
10441	OPTUS C1	156	12478	H	27800	3/4	Main Event	TV		○
10442	OPTUS C1	156	12478	H	27800	3/4	Foxtel Digital Help	TV		○
10443	OPTUS C1	156	12478	H	27800	3/4	Studio 132	TV		○
10444	OPTUS C1	156	12478	H	27800	3/4	CNN International Asia Pacific	TV		○
10445	OPTUS C1	156	12478	H	27800	3/4	TVSN	TV		○
10446	OPTUS C1	156	12478	H	27800	3/4	Fox Sports News Channel	TV		○
10447	OPTUS C1	156	12478	H	27800	3/4	Boomerang Australia	TV		○
10448	OPTUS C1	156	12478	H	27800	3/4	Fox Sports News Active	TV		○
10449	OPTUS C1	156	12487	V	30000	3/5	Ten Adelaide North	TV		○
10450	OPTUS C1	156	12487	V	30000	3/5	11 North	TV		○
10451	OPTUS C1	156	12487	V	30000	3/5	Ten Adelaide South	TV		○
10452	OPTUS C1	156	12487	V	30000	3/5	11 South	TV		○
10453	OPTUS C1	156	12487	V	30000	3/5	One (Australia)	TV		○
10454	OPTUS C1	156	12487	V	30000	3/5	WinNews Regional News Cairns Town	TV		○
10455	OPTUS C1	156	12487	V	30000	3/5	7 Queensland Cairns Towns	TV		○
10456	OPTUS C1	156	12487	V	30000	3/5	7 Queensland Mackay Rock	TV		○
10457	OPTUS C1	156	12487	V	30000	3/5	7 Queensland Wide Bay	TV		○
10458	OPTUS C1	156	12487	V	30000	3/5	NBN News Gold Coast (19-08)	TV		○
10459	OPTUS C1	156	12487	V	30000	3/5	NBN News Coffs Harbour & Tamworth (19-08)	TV		○
10460	OPTUS C1	156	12487	V	30000	3/5	NBN News Central Coast (19-08)	TV		○
10461	OPTUS C1	156	12487	V	30000	3/5	Prime 7 News Coffs Harbour & Tamworth (Mon-Fri 19-24)	TV		○
10462	OPTUS C1	156	12487	V	30000	3/5	Prime 7 News NSW & Victoria (Mon-Fri 08-19)	TV		○
10463	OPTUS C1	156	12487	V	30000	3/5	Prime 7 News Orange & Wagga Wagga (Mon-Fri 19-24)	TV		○
10464	OPTUS C1	156	12487	V	30000	3/5	Southern Cross Central North	TV		○
10465	OPTUS C1	156	12487	V	30000	3/5	7 Two Central North	TV		○
10466	OPTUS C1	156	12487	V	30000	3/5	Southern Cross Central South	TV		○
10467	OPTUS C1	156	12487	V	30000	3/5	7 Two Central South	TV		○
10468	OPTUS C1	156	12487	V	30000	3/5	7 mate	TV		○
10469	OPTUS C1	156	12518	H	27800	3/4	National Geographic Channel Australia & New Zealand +2	TV		○
10470	OPTUS C1	156	12518	H	27800	3/4	13th Street Australia +2	TV		○
10471	OPTUS C1	156	12518	H	27800	3/4	Nat Geo People Australia and New Zealand +2	TV		○
10472	OPTUS C1	156	12518	H	27800	3/4	Fox Footy	TV		○
10473	OPTUS C1	156	12518	H	27800	3/4	Sky Racing 1	TV		○
10474	OPTUS C1	156	12518	H	27800	3/4	Sky Racing 2	TV		○
10475	OPTUS C1	156	12518	H	27800	3/4	Sky Thoroughbred Central	TV		○
10476	OPTUS C1	156	12518	H	27800	3/4	CNBC Australia	TV		○
10477	OPTUS C1	156	12518	H	27800	3/4	Expo Channel	TV		○
10478	OPTUS C1	156	12518	H	27800	3/4	CBeebies Australia	TV		○
10479	OPTUS C1	156	12558	H	27800	3/4	Foxtel Movies Premiere	TV		○
10480	OPTUS C1	156	12558	H	27800	3/4	The Comedy Channel	TV		○
10481	OPTUS C1	156	12558	H	27800	3/4	BBC UKTV Australia	TV		○
10482	OPTUS C1	156	12558	H	27800	3/4	Arena (Australia)	TV		○
10483	OPTUS C1	156	12558	H	27800	3/4	Fox Classics Australia	TV		○
10484	OPTUS C1	156	12558	H	27800	3/4	Fox 8	TV		○
10485	OPTUS C1	156	12558	H	27800	3/4	Lifestyle	TV		○
10486	OPTUS C1	156	12558	H	27800	3/4	SoHo	TV		○
10487	OPTUS C1	156	12558	H	27800	3/4	Showcase (Australia)	TV		○
10488	OPTUS C1	156	12567	V	30000	3/5	SBS NSW	TV		○
10489	OPTUS C1	156	12567	V	30000	3/5	SBS NSW	TV		○
10490	OPTUS C1	156	12567	V	30000	3/5	SBS 2 NST	TV		○
10491	OPTUS C1	156	12567	V	30000	3/5	SBS NSW	TV		○
10492	OPTUS C1	156	12567	V	30000	3/5	SBS NSW	TV		○
10493	OPTUS C1	156	12567	V	30000	3/5	SBS 2 WA	TV		○
10494	OPTUS C1	156	12567	V	30000	3/5	SBS Tasmania	TV		○
10495	OPTUS C1	156	12567	V	30000	3/5	SBS Tasmania	TV		○
10496	OPTUS C1	156	12567	V	30000	3/5	GEM (Australia)	TV		○
10497	OPTUS C1	156	12567	V	30000	3/5	Imparja TV South	TV		○
10498	OPTUS C1	156	12567	V	30000	3/5	Go!	TV		○
10499	OPTUS C1	156	12567	V	30000	3/5	Imparja TV North	TV		○
10500	OPTUS C1	156	12567	V	30000	3/5	Go!	TV		○
10501	OPTUS C1	156	12567	V	30000	3/5	ABC NewsRadio	R		○
10502	OPTUS C1	156	12567	V	30000	3/5	ABC Classic FM NSW	R		○
10503	OPTUS C1	156	12567	V	30000	3/5	ABC Radio National NSW	R		○
10504	OPTUS C1	156	12567	V	30000	3/5	ABC Western Plains	R		○
10505	OPTUS C1	156	12567	V	30000	3/5	702 ABC Sydney	R		○
10506	OPTUS C1	156	12598	H	27800	3/4	BBC World News Asia Pacific	TV		○
10507	OPTUS C1	156	12598	H	27800	3/4	TCM Australia	TV		○
10508	OPTUS C1	156	12598	H	27800	3/4	MTV Classic Australia	TV		○
10509	OPTUS C1	156	12598	H	27800	3/4	Disney Channel Australia	TV		○
10510	OPTUS C1	156	12598	H	27800	3/4	Channel V Australia	TV		○
10511	OPTUS C1	156	12598	H	27800	3/4	Fox Sports Action	TV		○
10512	OPTUS C1	156	12598	H	27800	3/4	Crime + Investigation Network Australia	TV		○
10513	OPTUS C1	156	12598	H	27800	3/4	MTV Australia	TV		○
10514	OPTUS C1	156	12598	H	27800	3/4	Max (Australia)	TV		○
10515	OPTUS C1	156	12638	H	27800	3/4	Channel V Hits	TV		○
10516	OPTUS C1	156	12638	H	27800	3/4	Foxtel Box Office Preview	TV		○
10517	OPTUS C1	156	12638	H	27800	3/4	Nat Geo People Australia and New Zealand	TV		○
10518	OPTUS C1	156	12638	H	27800	3/4	Eurosport News	TV		○
10519	OPTUS C1	156	12638	H	27800	3/4	Discovery Kids Australia & New Zealand	TV		○
10520	OPTUS C1	156	12638	H	27800	3/4	Country Music Channel	TV		○
10521	OPTUS C1	156	12638	H	27800	3/4	Cartoon Network Australia	TV		○
10522	OPTUS C1	156	12638	H	27800	3/4	E! Australia	TV		○
10523	OPTUS C1	156	12638	H	27800	3/4	Discovery Science Channel South East Asia	TV		○
10524	OPTUS C1	156	12638	H	27800	3/4	Nick Jr Australia	TV		○
10525	OPTUS C1	156	12638	H	27800	3/4	BeIn Sports Australia	TV		○

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
10526	OPTUS C1	156	12638	H	27800	3/4	Max 70s Hits	R		O
10527	OPTUS C1	156	12638	H	27800	3/4	Max 90s Hits	R		O
10528	OPTUS C1	156	12638	H	27800	3/4	Max Groove	R		O
10529	OPTUS C1	156	12638	H	27800	3/4	Max Classic Rock	R		O
10530	OPTUS C1	156	12638	H	27800	3/4	Max Jukebox	R		O
10531	OPTUS C1	156	12638	H	27800	3/4	PartyMax	R		O
10532	OPTUS C1	156	12638	H	27800	3/4	Max Divas	R		O
10533	OPTUS C1	156	12638	H	27800	3/4	Max Easy	R		O
10534	OPTUS C1	156	12638	H	27800	3/4	Relax	R		O
10535	OPTUS C1	156	12638	H	27800	3/4	Cafe Jazz	R		O
10536	OPTUS C1	156	12638	H	27800	3/4	Crooners	R		O
10537	OPTUS C1	156	12638	H	27800	3/4	Chillout Lounge	R		O
10538	OPTUS C1	156	12638	H	27800	3/4	V Hits	R		O
10539	OPTUS C1	156	12638	H	27800	3/4	V Buzz	R		O
10540	OPTUS C1	156	12638	H	27800	3/4	V Loud	R		O
10541	OPTUS C1	156	12638	H	27800	3/4	V Urban	R		O
10542	OPTUS C1	156	12638	H	27800	3/4	V Rock	R		O
10543	OPTUS C1	156	12638	H	27800	3/4	V Pop	R		O
10544	OPTUS C1	156	12638	H	27800	3/4	MTV Dance	R		O
10545	OPTUS C1	156	12638	H	27800	3/4	MTV Music	R		O
10546	OPTUS C1	156	12638	H	27800	3/4	Special Events	R		O
10547	OPTUS C1	156	12638	H	27800	3/4	CMC Hits	R		O
10548	OPTUS C1	156	12638	H	27800	3/4	CMC Classics	R		O
10549	OPTUS C1	156	12638	H	27800	3/4	CMC Rocks	R		O
10550	OPTUS C1	156	12638	H	27800	3/4	Light Classical	R		O
10551	OPTUS C1	156	12638	H	27800	3/4	Faith	R		O
10552	OPTUS C1	156	12647	V	30000	3/5	VAST Information Channel	TV		O
10553	OPTUS C1	156	12647	V	30000	3/5	ABC News 24	TV		O
10554	OPTUS C1	156	12647	V	30000	3/5	ABC 1 NSW	TV		O
10555	OPTUS C1	156	12647	V	30000	3/5	ABC 2 NSW	TV		O
10556	OPTUS C1	156	12647	V	30000	3/5	ABC 3 South East	TV		O
10557	OPTUS C1	156	12647	V	30000	3/5	ABC 1 Victoria	TV		O
10558	OPTUS C1	156	12647	V	30000	3/5	ABC News 24	TV		O
10559	OPTUS C1	156	12647	V	30000	3/5	ABC 1 WA	TV		O
10560	OPTUS C1	156	12647	V	30000	3/5	ABC 2 WA	TV		O
10561	OPTUS C1	156	12647	V	30000	3/5	ABC 3 WA	TV		O
10562	OPTUS C1	156	12647	V	30000	3/5	ABC 1 Tasmania	TV		O
10563	OPTUS C1	156	12647	V	30000	3/5	Rural Health Channel	TV		O
10564	OPTUS C1	156	12689	H	27800	3/4	Sky News Australia	TV		O
10565	OPTUS C1	156	12689	H	27800	3/4	Sky News Business Channel	TV		O
10566	OPTUS C1	156	12689	H	27800	3/4	A-PAC	TV		O
10567	OPTUS C1	156	12689	H	27800	3/4	Aurora Community TV	TV		O
10568	OPTUS C1	156	12689	H	27800	3/4	111 Greats	TV		O
10569	OPTUS C1	156	12689	H	27800	3/4	BBC Knowledge Australia	TV		O
10570	OPTUS C1	156	12689	H	27800	3/4	Lifestyle Home	TV		O
10571	OPTUS C1	156	12689	H	27800	3/4	Movie promo	TV		O
10572	OPTUS D3	156	11720	H	29455	3/5	Fox Sports 3 Australia	TV		O
10573	OPTUS D3	156	11720	H	29455	3/5	National Geographic Channel HD Australia	TV		O
10574	OPTUS D3	156	11720	H	29455	3/5	BBC UKTV Australia	TV		O
10575	OPTUS D3	156	11720	H	29455	3/5	SoHo	TV		O
10576	OPTUS D3	156	11720	H	29455	3/5	Foxtel Movies Action	TV		O
10577	OPTUS D3	156	11720	H	29455	3/5	Main Event	TV		O
10578	OPTUS D3	156	11720	H	29455	3/5	FX Australia	TV		O
10579	OPTUS D3	156	11762	H	27800	3/4	Fox Sports Active 1	TV		O
10580	OPTUS D3	156	11762	H	27800	3/4	Fox Sports Active 2	TV		O
10581	OPTUS D3	156	11762	H	27800	3/4	Fox Sports Active 3	TV		O
10582	OPTUS D3	156	11762	H	27800	3/4	Universal Channel Australia +2	TV		O
10583	OPTUS D3	156	11804	V	30000	3/5	ABC News 24	TV		O
10584	OPTUS D3	156	11804	V	30000	3/5	ABC 1 Queensland	TV		O
10585	OPTUS D3	156	11804	V	30000	3/5	ABC 2 Queensland	TV		O
10586	OPTUS D3	156	11804	V	30000	3/5	ABC 3 Queensland	TV		O
10587	OPTUS D3	156	11886	V	30000	3/5	SBS Queensland	TV		O
10588	OPTUS D3	156	11886	V	30000	3/5	SBS Queensland	TV		O
10589	OPTUS D3	156	11886	V	30000	3/5	SBS 2 Queensland	TV		O
10590	OPTUS D3	156	11886	V	30000	3/5	SBS PopDesi	R		O
10591	OPTUS D3	156	11886	V	30000	3/5	SBS Radio 3	R		O
10592	OPTUS D3	156	11886	V	30000	3/5	SBS National Radio South East	R		O
10593	OPTUS D3	156	11886	V	30000	3/5	SBS Radio 1 NSW	R		O
10594	OPTUS D3	156	11886	V	30000	3/5	SBS Radio 2 NSW	R		O
10595	OPTUS D3	156	11886	H	27800	3/4	Lifestyle You	TV		O
10596	OPTUS D3	156	11886	H	27800	3/4	Foxtel Movies Comedy	TV		O
10597	OPTUS D3	156	11886	H	27800	3/4	Foxtel Movies Action	TV		O
10598	OPTUS D3	156	11886	H	27800	3/4	Foxtel Movies Romance	TV		O
10599	OPTUS D3	156	11886	H	27800	3/4	13th Street Australia	TV		O
10600	OPTUS D3	156	11886	H	27800	3/4	Eurosport Pacific	TV		O
10601	OPTUS D3	156	11886	H	27800	3/4	MTV Live HD Australia	TV		O
10602	OPTUS D3	156	11886	H	27800	3/4	How To Channel	TV		O
10603	OPTUS D3	156	11886	H	27800	3/4	Discovery Channel Australia +2	TV		O
10604	OPTUS D3	156	11928	V	30000	3/5	Sky Racing 1	TV		O
10605	OPTUS D3	156	11928	V	30000	3/5	TAB Trackside 2	TV		O
10606	OPTUS D3	156	11928	V	30000	3/5	Sky Racing 2	TV		O
10607	OPTUS D3	156	11928	V	30000	3/5	TAB Trackside 2	TV		O
10608	OPTUS D3	156	11928	V	30000	3/5	Sky Racing 2	TV		O
10609	OPTUS D3	156	11928	V	30000	3/5	SBS NSW	TV		O
10610	OPTUS D3	156	11928	V	30000	3/5	SBS NSW	TV		O
10611	OPTUS D3	156	11928	V	30000	3/5	SBS Tasmania	TV		O
10612	OPTUS D3	156	11928	V	30000	3/5	2RPH	R		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
10613	OPTUS D3	156	11928	V	30000	3/5	SBS Chill	R		O
10614	OPTUS D3	156	11928	V	30000	3/5	SBS PopAsia	R		O
10615	OPTUS D3	156	11928	H	27800	3/4	Nat Geo Wild HD Asia	TV		O
10616	OPTUS D3	156	11928	H	27800	3/4	Fox Sports 5 Australia	TV		O
10617	OPTUS D3	156	11928	H	27800	3/4	Discovery Turbo Max	TV		O
10618	OPTUS D3	156	11928	H	27800	3/4	Esquire EMEA	TV		O
10619	OPTUS D3	156	11928	H	27800	3/4	Disney Junior Australia	TV		O
10620	OPTUS D3	156	11928	H	27800	3/4	TLC Australia & New Zealand	TV		O
10621	OPTUS D3	156	11970	H	27800	3/4	Foxtel Movies Premiere +2	TV		O
10622	OPTUS D3	156	11970	H	27800	3/4	The Comedy Channel +2	TV		O
10623	OPTUS D3	156	11970	H	27800	3/4	BBC UKTV Australia +2	TV		O
10624	OPTUS D3	156	11970	H	27800	3/4	Arena +2 (Australia)	TV		O
10625	OPTUS D3	156	11970	H	27800	3/4	Fox Classics Australia +2	TV		O
10626	OPTUS D3	156	11970	H	27800	3/4	Fox 8 +2	TV		O
10627	OPTUS D3	156	11970	H	27800	3/4	Lifestyle +2	TV		O
10628	OPTUS D3	156	11970	H	27800	3/4	SoHo +2	TV		O
10629	OPTUS D3	156	11970	H	27800	3/4	Showcase +2	TV		O
10630	OPTUS D3	156	12011	V	27800	3/4	11 Brisbane	TV		O
10631	OPTUS D3	156	12011	V	27800	3/4	11 Melbourne	TV		O
10632	OPTUS D3	156	12011	V	27800	3/4	11 Sydney	TV		O
10633	OPTUS D3	156	12011	H	29455	3/5	Foxtel Movies Premiere	TV		O
10634	OPTUS D3	156	12011	H	29455	3/5	Showcase (Australia)	TV		O
10635	OPTUS D3	156	12011	H	29455	3/5	Foxtel Movies Comedy	TV		O
10636	OPTUS D3	156	12011	H	29455	3/5	Foxtel Movies Romance	TV		O
10637	OPTUS D3	156	12011	H	29455	3/5	Fox Sports 1 Australia	TV		O
10638	OPTUS D3	156	12011	H	29455	3/5	BBC Knowledge Australia	TV		O
10639	OPTUS D3	156	12011	H	29455	3/5	A&E Australia	TV		O
10640	OPTUS D3	156	12052	V	27800	3/4	Go! Brisbane	TV		O
10641	OPTUS D3	156	12052	V	27800	3/4	111 Greats +2	TV		O
10642	OPTUS D3	156	12052	V	27800	3/4	Lifestyle You +2	TV		O
10643	OPTUS D3	156	12052	V	27800	3/4	Lifestyle Food +2	TV		O
10644	OPTUS D3	156	12052	V	27800	3/4	Go! Melbourne	TV		O
10645	OPTUS D3	156	12052	V	27800	3/4	Discovery Turbo Max +2	TV		O
10646	OPTUS D3	156	12052	V	27800	3/4	7 Two Brisbane	TV		O
10647	OPTUS D3	156	12052	V	27800	3/4	7 Two Melbourne	TV		O
10648	OPTUS D3	156	12052	V	27800	3/4	7 Two Sydney	TV		O
10649	OPTUS D3	156	12052	V	27800	3/4	Go! Sydney	TV		O
10650	OPTUS D3	156	12052	H	29455	3/5	ESPN 2 Australia	TV		O
10651	OPTUS D3	156	12052	H	29455	3/5	Discovery HD World Australia	TV		O
10652	OPTUS D3	156	12052	H	29455	3/5	Fox 8	TV		O
10653	OPTUS D3	156	12052	H	29455	3/5	Fox Sports 2 Australia	TV		O
10654	OPTUS D3	156	12052	H	29455	3/5	ESPN Australia	TV		O
10655	OPTUS D3	156	12052	H	29455	3/5	Foxtel Movies Thriller	TV		O
10656	OPTUS D3	156	12094	V	27800	3/4	Ten Brisbane	TV		O
10657	OPTUS D3	156	12094	V	27800	3/4	Channel Nine Brisbane	TV		O
10658	OPTUS D3	156	12094	V	27800	3/4	Ten Melbourne	TV		O
10659	OPTUS D3	156	12094	V	27800	3/4	Channel Nine Melbourne	TV		O
10660	OPTUS D3	156	12094	V	27800	3/4	Channel Nine Sydney	TV		O
10661	OPTUS D3	156	12094	V	27800	3/4	Ten Sydney	TV		O
10662	OPTUS D3	156	12094	V	27800	3/4	7 Queensland	TV		O
10663	OPTUS D3	156	12094	V	27800	3/4	7 Victoria	TV		O
10664	OPTUS D3	156	12094	V	27800	3/4	7 NSW	TV		O
10665	OPTUS D3	156	12094	H	29455	3/5	Fox Sports 5 Australia	TV		O
10666	OPTUS D3	156	12094	H	29455	3/5	Nat Geo Wild Asia	TV		O
10667	OPTUS D3	156	12094	H	29455	3/5	MTV Live HD Australia	TV		O
10668	OPTUS D3	156	12094	H	29455	3/5	Lifestyle	TV		O
10669	OPTUS D3	156	12094	H	29455	3/5	Fox Footy	TV		O
10670	OPTUS D3	156	12094	H	29455	3/5	Fox Sports 1 Australia	TV		O
10671	OPTUS D3	156	12136	V	27800	3/4	SBS 2 NSW	TV		O
10672	OPTUS D3	156	12136	V	27800	3/4	SBS NSW	TV		O
10673	OPTUS D3	156	12136	V	27800	3/4	SBS WA	TV		O
10674	OPTUS D3	156	12136	V	27800	3/4	BeIn Sports Australia	TV		O
10675	OPTUS D3	156	12136	V	27800	3/4	NITV	TV		O
10676	OPTUS D3	156	12136	V	27800	3/4	Australian Christian Channel	TV		O
10677	OPTUS D3	156	12136	V	27800	3/4	TVN (Australia)	TV		O
10678	OPTUS D3	156	12136	V	27800	3/4	CCTV News	TV		O
10679	OPTUS D3	156	12136	V	27800	3/4	ABC News 24	TV		O
10680	OPTUS D3	156	12136	V	27800	3/4	Al Jazeera English	TV		O
10681	OPTUS D3	156	12136	H	27800	3/4	Foxtel Box Office 9	TV		O
10682	OPTUS D3	156	12136	H	27800	3/4	Foxtel Box Office 10	TV		O
10683	OPTUS D3	156	12136	H	27800	3/4	Foxtel Box Office 11	TV		O
10684	OPTUS D3	156	12136	H	27800	3/4	Foxtel Box Office 12	TV		O
10685	OPTUS D3	156	12136	H	27800	3/4	Foxtel Box Office 13	TV		O
10686	OPTUS D3	156	12136	H	27800	3/4	Foxtel Box Office 14	TV		O
10687	OPTUS D3	156	12136	H	27800	3/4	A&E Australia	TV		O
10688	OPTUS D3	156	12136	H	27800	3/4	MTV Hits Australia	TV		O
10689	OPTUS D3	156	12136	H	27800	3/4	TLC Australia & New Zealand +2	TV		O
10690	OPTUS D3	156	12177	V	27800	3/4	ABC 1 NSW	TV		O
10691	OPTUS D3	156	12177	V	27800	3/4	ABC 1 Victoria	TV		O
10692	OPTUS D3	156	12177	V	27800	3/4	ABC 1 Queensland	TV		O
10693	OPTUS D3	156	12177	V	27800	3/4	ABC 1 SA	TV		O
10694	OPTUS D3	156	12177	V	27800	3/4	ABC 1 NT	TV		O
10695	OPTUS D3	156	12177	V	27800	3/4	ABC 1 WA	TV		O
10696	OPTUS D3	156	12177	V	27800	3/4	ABC 2 South East	TV		O
10697	OPTUS D3	156	12177	V	27800	3/4	ABC 3	TV		O
10698	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 1	TV		O
10699	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 2	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
10700	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 3	TV		O
10701	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 4	TV		O
10702	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 5	TV		O
10703	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 6	TV		O
10704	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 7	TV		O
10705	OPTUS D3	156	12177	H	27800	3/4	Adults Only Select 1	TV		O
10706	OPTUS D3	156	12177	H	27800	3/4	Adults Only Select 2	TV		O
10707	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 8	TV		O
10708	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 5	TV		O
10709	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 6	TV		O
10710	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 7	TV		O
10711	OPTUS D3	156	12177	H	27800	3/4	Adults Only Select 1	TV		O
10712	OPTUS D3	156	12177	H	27800	3/4	Adults Only Select 2	TV		O
10713	OPTUS D3	156	12177	H	27800	3/4	Foxtel Box Office 8	TV		O
10714	OPTUS D1	160	12267	H	22500	2/3	Sky Sport 4 (New Zealand)	TV		O
10715	OPTUS D1	160	12267	H	22500	2/3	ESPN Australia	TV		O
10716	OPTUS D1	160	12267	H	22500	2/3	SoHo New Zealand	TV		O
10717	OPTUS D1	160	12267	H	22500	2/3	Sky Arena	TV		O
10718	OPTUS D1	160	12267	H	22500	2/3	The Zone	TV		O
10719	OPTUS D1	160	12267	H	22500	2/3	Sky Sport 3 (New Zealand)	TV		O
10720	OPTUS D1	160	12295	H	22500	3/4	Sky Movies Action	TV		O
10721	OPTUS D1	160	12295	H	22500	3/4	Sky Movies Classics	TV		O
10722	OPTUS D1	160	12295	H	22500	3/4	Sky Sport 5 (New Zealand)	TV		O
10723	OPTUS D1	160	12295	H	22500	3/4	Sky Sport 6 (New Zealand)	TV		O
10724	OPTUS D1	160	12295	H	22500	3/4	ESPN 2 Australia	TV		O
10725	OPTUS D1	160	12331	H	22500	2/3	Sky Sport 2 (New Zealand)	TV		O
10726	OPTUS D1	160	12331	H	22500	2/3	TAB Trackside 1	TV		O
10727	OPTUS D1	160	12331	H	22500	2/3	Sky Movies Disney	TV		O
10728	OPTUS D1	160	12331	H	22500	2/3	Sky Movies Family	TV		O
10729	OPTUS D1	160	12331	H	22500	2/3	Sky Sport 1 (New Zealand)	TV		O
10730	OPTUS D1	160	12331	H	22500	2/3	Sky Movies Premiere	TV		O
10731	OPTUS D1	160	12348	H	14293	7/8	SBS WA	TV		O
10732	OPTUS D1	160	12348	H	14293	7/8	SBS WA	TV		O
10733	OPTUS D1	160	12348	H	14293	7/8	SBS 2 WA	TV		O
10734	OPTUS D1	160	12348	H	14293	7/8	NITV	TV		O
10735	OPTUS D1	160	12348	H	14293	7/8	SBS Radio 1 WA	R		O
10736	OPTUS D1	160	12348	H	14293	7/8	SBS Radio 2 WA	R		O
10737	OPTUS D1	160	12348	H	14293	7/8	SBS Radio 3	R		O
10738	OPTUS D1	160	12358	H	22500	2/3	Sky Movies Extra	TV		O
10739	OPTUS D1	160	12358	H	22500	2/3	TAB Trackside 2	TV		O
10740	OPTUS D1	160	12358	H	22500	2/3	Sky Movies Greats	TV		O
10741	OPTUS D1	160	12358	H	22500	2/3	TV 3 Auckland (New Zealand)	TV		O
10742	OPTUS D1	160	12358	H	22500	2/3	TVNZ TV One Auckland	TV		O
10743	OPTUS D1	160	12358	H	22500	2/3	TVNZ TV 2	TV		O
10744	OPTUS D1	160	12381	V	3750	2/3	Channel Nine	TV		O
10745	OPTUS D1	160	12394	H	22500	3/4	TCM Australia	TV		O
10746	OPTUS D1	160	12394	H	22500	3/4	Star Plus Southeast Asia	TV		O
10747	OPTUS D1	160	12394	H	22500	3/4	Playboy TV New Zealand	TV		O
10748	OPTUS D1	160	12394	H	22500	3/4	Sky Sport 6 (New Zealand)	TV		O
10749	OPTUS D1	160	12394	H	22500	3/4	The Zone	TV		O
10750	OPTUS D1	160	12394	H	22500	3/4	RT English	TV		O
10751	OPTUS D1	160	12394	H	22500	3/4	Sky Box Office 128	TV		O
10752	OPTUS D1	160	12394	H	22500	3/4	Sky Box Office 129	TV		O
10753	OPTUS D1	160	12394	H	22500	3/4	Sky Box Office 130	TV		O
10754	OPTUS D1	160	12394	H	22500	3/4	Sky Box Office 131	TV		O
10755	OPTUS D1	160	12394	H	22500	3/4	CNBC Australia	TV		O
10756	OPTUS D1	160	12421	H	22500	3/4	MTV Hits Australia	TV		O
10757	OPTUS D1	160	12421	H	22500	3/4	MTV Classic Australia	TV		O
10758	OPTUS D1	160	12421	H	22500	3/4	TAB Trackside 1	TV		O
10759	OPTUS D1	160	12421	H	22500	3/4	Daystar TV	TV		O
10760	OPTUS D1	160	12421	H	22500	3/4	Al Jazeera English	TV		O
10761	OPTUS D1	160	12421	H	22500	3/4	Disney XD Australia	TV		O
10762	OPTUS D1	160	12421	H	22500	3/4	Nickelodeon New Zealand	TV		O
10763	OPTUS D1	160	12421	H	22500	3/4	Arts Channel	TV		O
10764	OPTUS D1	160	12421	H	22500	3/4	Crime + Investigation Network Australia	TV		O
10765	OPTUS D1	160	12421	H	22500	3/4	BBC Knowledge New Zealand	TV		O
10766	OPTUS D1	160	12421	H	22500	3/4	Nick Jr Australia	TV		O
10767	OPTUS D1	160	12452	H	12600	5/6	NITV	TV		O
10768	OPTUS D1	160	12452	H	12600	5/6	SBS NSW	TV		O
10769	OPTUS D1	160	12452	H	12600	5/6	SBS 2 NSW	TV		O
10770	OPTUS D1	160	12452	H	12600	5/6	SBS NSW	TV		O
10771	OPTUS D1	160	12452	H	12600	5/6	SBS Radio 1 NSW	R		O
10772	OPTUS D1	160	12452	H	12600	5/6	SBS Radio 2 NSW	R		O
10773	OPTUS D1	160	12456	H	22500	3/4	TV 3 Waikato	TV		O
10774	OPTUS D1	160	12456	H	22500	3/4	TV 3 Wellington	TV		O
10775	OPTUS D1	160	12456	H	22500	3/4	TV 3 Christchurch	TV		O
10776	OPTUS D1	160	12456	H	22500	3/4	TV 3 Auckland	TV		O
10777	OPTUS D1	160	12456	H	22500	3/4	Four	TV		O
10778	OPTUS D1	160	12456	H	22500	3/4	Parliament TV (New Zealand)	TV		O
10779	OPTUS D1	160	12456	H	22500	3/4	Hope Channel International	TV		O
10780	OPTUS D1	160	12456	H	22500	3/4	Te Reo	TV		O
10781	OPTUS D1	160	12456	H	22500	3/4	TV 3 Auckland +1 (New Zealand)	TV		O
10782	OPTUS D1	160	12456	H	22500	3/4	Shine TV	TV		O
10783	OPTUS D1	160	12456	H	22500	3/4	Choice TV (New Zealand)	TV		O
10784	OPTUS D1	160	12456	H	22500	3/4	Radio New Zealand National	R		O
10785	OPTUS D1	160	12456	H	22500	3/4	Radio New Zealand Concert	R		O
10786	OPTUS D1	160	12456	H	22500	3/4	Niu FM	R		O



순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
10787	OPTUS D1	160	12456	H	22500	3/4	George FM	R		O
10788	OPTUS D1	160	12456	H	22500	3/4	Base FM	R		O
10789	OPTUS D1	160	12470	H	12600	5/6	NITV	TV		O
10790	OPTUS D1	160	12470	H	12600	5/6	SBS Queensland	TV		O
10791	OPTUS D1	160	12470	H	12600	5/6	SBS 2 Queensland	TV		O
10792	OPTUS D1	160	12470	H	12600	5/6	SBS Queensland	TV		O
10793	OPTUS D1	160	12470	H	12600	5/6	SBS Radio 1 Queensland	R		O
10794	OPTUS D1	160	12470	H	12600	5/6	SBS Radio 2 Queensland	R		O
10795	OPTUS D1	160	12483	H	22500	3/4	Maori TV	TV		O
10796	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV One Auckland	TV		O
10797	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV 2	TV		O
10798	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV One Auckland +1	TV		O
10799	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV 2 +1	TV		O
10800	OPTUS D1	160	12483	H	22500	3/4	TVNZ Pop-Up Channel	TV		O
10801	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV One Hamilton	TV		O
10802	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV One Wellington	TV		O
10803	OPTUS D1	160	12483	H	22500	3/4	TVNZ TV One Christchurch	TV		O
10804	OPTUS D1	160	12487	H	12600	5/6	NITV	TV		O
10805	OPTUS D1	160	12487	H	12600	5/6	SBS SA	TV		O
10806	OPTUS D1	160	12487	H	12600	5/6	SBS 2 SA	TV		O
10807	OPTUS D1	160	12487	H	12600	5/6	SBS SA	TV		O
10808	OPTUS D1	160	12487	H	12600	5/6	SBS Radio 1 SA	R		O
10809	OPTUS D1	160	12487	H	12600	5/6	SBS Radio 2 SA	R		O
10810	OPTUS D1	160	12514	H	14294	7/8	ABC News 24	TV		O
10811	OPTUS D1	160	12514	H	14294	7/8	ABC 1 NSW	TV		O
10812	OPTUS D1	160	12514	H	14294	7/8	ABC 2 NSW	TV		O
10813	OPTUS D1	160	12514	H	14294	7/8	ABC Jazz	R		O
10814	OPTUS D1	160	12514	H	14294	7/8	ABC Double J	R		O
10815	OPTUS D1	160	12519	H	22500	3/4	Sky Movies Premiere	TV		O
10816	OPTUS D1	160	12519	H	22500	3/4	Cartoon Network New Zealand	TV		O
10817	OPTUS D1	160	12519	H	22500	3/4	Sky News New Zealand	TV		O
10818	OPTUS D1	160	12519	H	22500	3/4	Fox News Channel	TV		O
10819	OPTUS D1	160	12519	H	22500	3/4	Sky TV promo	TV		O
10820	OPTUS D1	160	12519	H	22500	3/4	Chinese TV 1	TV		O
10821	OPTUS D1	160	12519	H	22500	3/4	NZ Music Month	R		O
10822	OPTUS D1	160	12519	H	22500	3/4	Radio New Zealand National	R		O
10823	OPTUS D1	160	12519	H	22500	3/4	Radio New Zealand Concert	R		O
10824	OPTUS D1	160	12519	H	22500	3/4	Tahu FM	R		O
10825	OPTUS D1	160	12519	H	22500	3/4	NZ Classical	R		O
10826	OPTUS D1	160	12519	H	22500	3/4	NZ Kids	R		O
10827	OPTUS D1	160	12532	H	14294	7/8	ABC News 24	TV		O
10828	OPTUS D1	160	12532	H	14294	7/8	ABC 1 SA	TV		O
10829	OPTUS D1	160	12532	H	14294	7/8	ABC 2 SA	TV		O
10830	OPTUS D1	160	12532	H	14294	7/8	ABC Jazz	R		O
10831	OPTUS D1	160	12532	H	14294	7/8	ABC Double J	R		O
10832	OPTUS D1	160	12546	H	22500	3/4	Yesshop	TV		O
10833	OPTUS D1	160	12546	H	22500	3/4	Sky Sport 1 (New Zealand)	TV		O
10834	OPTUS D1	160	12546	H	22500	3/4	The History Channel Australia & New Zealand	TV		O
10835	OPTUS D1	160	12546	H	22500	3/4	Living (New Zealand)	TV		O
10836	OPTUS D1	160	12546	H	22500	3/4	Sky Sport 4 (New Zealand)	TV		O
10837	OPTUS D1	160	12546	H	22500	3/4	Disney Junior New Zealand	TV		O
10838	OPTUS D1	160	12546	H	22500	3/4	Food TV (New Zealand)	TV		O
10839	OPTUS D1	160	12546	H	22500	3/4	Chinese TV 2	TV		O
10840	OPTUS D1	160	12546	H	22500	3/4	Chinese TV 3	TV		O
10841	OPTUS D1	160	12546	H	22500	3/4	Phoenix Chinese Channel	TV		O
10842	OPTUS D1	160	12546	H	22500	3/4	Supercheap	R		O
10843	OPTUS D1	160	12546	H	22500	3/4	Radio FM 104.2	R		O
10844	OPTUS D1	160	12546	H	22500	3/4	Chinese Voice FM 99.4	R		O
10845	OPTUS D1	160	12546	H	22500	3/4	Chinese Voice AM 936	R		O
10846	OPTUS D1	160	12546	H	22500	3/4	Calvary Chapel Radio New Zealand	R		O
10847	OPTUS D1	160	12546	H	22500	3/4	NZ Blues	R		O
10848	OPTUS D1	160	12550	H	14294	7/8	ABC News 24	TV		O
10849	OPTUS D1	160	12550	H	14294	7/8	ABC 1 NT	TV		O
10850	OPTUS D1	160	12550	H	14294	7/8	ABC 2 NT	TV		O
10851	OPTUS D1	160	12550	H	14294	7/8	ABC Jazz	R		O
10852	OPTUS D1	160	12550	H	14294	7/8	ABC Double J	R		O
10853	OPTUS D1	160	12577	H	14294	7/8	ABC News 24	TV		O
10854	OPTUS D1	160	12577	H	14294	7/8	ABC 1 WA	TV		O
10855	OPTUS D1	160	12577	H	14294	7/8	ABC 2 WA	TV		O
10856	OPTUS D1	160	12577	H	14294	7/8	ABC Jazz	TV		O
10857	OPTUS D1	160	12577	H	14294	7/8	ABC Double J	TV		O
10858	OPTUS D1	160	12581	H	22500	3/4	TVSN	TV		O
10859	OPTUS D1	160	12581	H	22500	3/4	BBC UKTV New Zealand	TV		O
10860	OPTUS D1	160	12581	H	22500	3/4	Rugby Channel	TV		O
10861	OPTUS D1	160	12581	H	22500	3/4	Sky Sport 2 (New Zealand)	TV		O
10862	OPTUS D1	160	12581	H	22500	3/4	National Geographic Channel Australia & New Zealand	TV		O
10863	OPTUS D1	160	12581	H	22500	3/4	BBC World News Asia Pacific	TV		O
10864	OPTUS D1	160	12581	H	22500	3/4	Vibe	TV		O
10865	OPTUS D1	160	12581	H	22500	3/4	NHK World Premium	TV		O
10866	OPTUS D1	160	12581	H	22500	3/4	Chinese TV 5	TV		O
10867	OPTUS D1	160	12581	H	22500	3/4	CCTV News	TV		O
10868	OPTUS D1	160	12581	H	22500	3/4	TVNZ Kidzone 24	TV		O
10869	OPTUS D1	160	12581	H	22500	3/4	The Edge FM	R		O
10870	OPTUS D1	160	12581	H	22500	3/4	NZ Chart Attack	R		O
10871	OPTUS D1	160	12581	H	22500	3/4	NZ Pop	R		O
10872	OPTUS D1	160	12581	H	22500	3/4	NZ Smooth	R		O
10873	OPTUS D1	160	12595	H	14294	7/8	ABC News 24	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
10874	OPTUS D1	160	12595	H	14294	7/8	ABC 1 Victoria	TV		O
10875	OPTUS D1	160	12595	H	14294	7/8	ABC 2 Victoria	TV		O
10876	OPTUS D1	160	12595	H	14294	7/8	ABC Jazz	TV		O
10877	OPTUS D1	160	12595	H	14294	7/8	ABC Double J	TV		O
10878	OPTUS D1	160	12608	H	22500	3/4	Jones!	TV		O
10879	OPTUS D1	160	12608	H	22500	3/4	TLC New Zealand	TV		O
10880	OPTUS D1	160	12608	H	22500	3/4	Chinese TV 7	TV		O
10881	OPTUS D1	160	12608	H	22500	3/4	Sky Sport 5 (New Zealand)	TV		O
10882	OPTUS D1	160	12608	H	22500	3/4	The Box (New Zealand)	TV		O
10883	OPTUS D1	160	12608	H	22500	3/4	Discovery Channel New Zealand	TV		O
10884	OPTUS D1	160	12608	H	22500	3/4	E! Australia	TV		O
10885	OPTUS D1	160	12608	H	22500	3/4	Sky Movies Greats	TV		O
10886	OPTUS D1	160	12608	H	22500	3/4	Travel Channel Asia	TV		O
10887	OPTUS D1	160	12608	H	22500	3/4	Sky Sport 3 (New Zealand)	TV		O
10888	OPTUS D1	160	12608	H	22500	3/4	KTV 1 (New Zealand)	TV		O
10889	OPTUS D1	160	12608	H	22500	3/4	NZ Party Mix	R		O
10890	OPTUS D1	160	12608	H	22500	3/4	NZ Jazz	R		O
10891	OPTUS D1	160	12608	H	22500	3/4	NZ House	R		O
10892	OPTUS D1	160	12608	H	22500	3/4	NZ 50's and 60's	R		O
10893	OPTUS D1	160	12608	H	22500	3/4	NZ Country	R		O
10894	OPTUS D1	160	12613	H	14294	7/8	ABC News 24	TV		O
10895	OPTUS D1	160	12613	H	14294	7/8	ABC 1 Queensland	TV		O
10896	OPTUS D1	160	12613	H	14294	7/8	ABC 2 Queensland	TV		O
10897	OPTUS D1	160	12613	H	14294	7/8	ABC Jazz	TV		O
10898	OPTUS D1	160	12613	H	14294	7/8	ABC Double J	TV		O
10899	OPTUS D1	160	12644	H	22500	3/4	SoHo New Zealand	TV		O
10900	OPTUS D1	160	12644	H	22500	3/4	Face TV (New Zealand)	TV		O
10901	OPTUS D1	160	12644	H	22500	3/4	ESPN International	TV		O
10902	OPTUS D1	160	12644	H	22500	3/4	Sky Movies Extra	TV		O
10903	OPTUS D1	160	12644	H	22500	3/4	Sky Arena	TV		O
10904	OPTUS D1	160	12644	H	22500	3/4	KTV 2 (New Zealand)	TV		O
10905	OPTUS D1	160	12644	H	22500	3/4	CCTV 4 Asia	TV		O
10906	OPTUS D1	160	12644	H	22500	3/4	Four +1	TV		O
10907	OPTUS D1	160	12644	H	22500	3/4	Edge TV	TV		O
10908	OPTUS D1	160	12671	H	22500	3/4	Sky Movies Classics	TV		O
10909	OPTUS D1	160	12671	H	22500	3/4	Sport mosaic	TV		O
10910	OPTUS D1	160	12671	H	22500	3/4	Sky Movies Action	TV		O
10911	OPTUS D1	160	12671	H	22500	3/4	Sky Movies Disney	TV		O
10912	OPTUS D1	160	12671	H	22500	3/4	TAB Trackside 2	TV		O
10913	OPTUS D1	160	12671	H	22500	3/4	Rialto	TV		O
10914	OPTUS D1	160	12671	H	22500	3/4	NZ Groove	R		O
10915	OPTUS D1	160	12707	H	22500	3/4	Country TV	TV		O
10916	OPTUS D1	160	12707	H	22500	3/4	Garage	TV		O
10917	OPTUS D1	160	12707	H	22500	3/4	The Shopping Channel (New Zealand)	TV		O
10918	OPTUS D1	160	12707	H	22500	3/4	Animal Planet New Zealand	TV		O
10919	OPTUS D1	160	12707	H	22500	3/4	CNN International Asia Pacific	TV		O
10920	OPTUS D1	160	12707	H	22500	3/4	Prime Upper North Island	TV		O
10921	OPTUS D1	160	12707	H	22500	3/4	Disney Channel Australia	TV		O
10922	OPTUS D1	160	12707	H	22500	3/4	MTV New Zealand	TV		O
10923	OPTUS D1	160	12707	H	22500	3/4	Comedy Central New Zealand	TV		O
10924	OPTUS D1	160	12707	H	22500	3/4	Prime Lower North Island	TV		O
10925	OPTUS D1	160	12707	H	22500	3/4	Prime South Island	TV		O
10926	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 121	TV		O
10927	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 122	TV		O
10928	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 123	TV		O
10929	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 124	TV		O
10930	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 125	TV		O
10931	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 126	TV		O
10932	OPTUS D1	160	12734	H	22500	3/4	Sky Box Office 127	TV		O
10933	OPTUS D1	160	12734	H	22500	3/4	Desire TV	TV		O
10934	OPTUS D1	160	12734	H	22500	3/4	Brazzers TV New Zealand	TV		O
10935	OPTUS D1	160	12734	H	22500	3/4	ESPN 2 Australia	TV		O
10936	SUPERBIRD B2	162	12676	H	6144	3/4	Event Channel	TV		O
10937	SUPERBIRD B2	162	12676	H	6144	3/4	Seiyo Channel 1	TV		O
10938	SUPERBIRD B2	162	12676	H	6144	3/4	Seiyo Channel 2	TV		O
10939	INTELSAT 19	166	3705	V	3000	7/8	ABS-CBN tests	TV		O
10940	INTELSAT 19	166	3724	V	5185	3/4	KBS World	TV		O
10941	INTELSAT 19	166	3736	V	2963	3/4	YTN World	TV	O	
10942	INTELSAT 19	166	3740	H	27500	3/4	Nickelodeon Philippines	TV		O
10943	INTELSAT 19	166	3740	H	27500	3/4	Nickelodeon South East Asia	TV		O
10944	INTELSAT 19	166	3740	H	27500	3/4	Nickelodeon South East Asia	TV		O
10945	INTELSAT 19	166	3740	H	27500	3/4	MTV South East Asia	TV		O
10946	INTELSAT 19	166	3740	H	27500	3/4	Comedy Central Asia	TV		O
10947	INTELSAT 19	166	3760	V	27690	3/4	Discovery Channel Taiwan	TV		O
10948	INTELSAT 19	166	3760	V	27690	3/4	Discovery Kids South East Asia	TV		O
10949	INTELSAT 19	166	3760	V	27690	3/4	TLC New Zealand	TV		O
10950	INTELSAT 19	166	3760	V	27690	3/4	Discovery Channel Philippines	TV		O
10951	INTELSAT 19	166	3760	V	27690	3/4	Animal Planet Taiwan	TV		O
10952	INTELSAT 19	166	3760	V	27690	3/4	TLC Philippines	TV		O
10953	INTELSAT 19	166	3760	V	27690	3/4	TLC Taiwan	TV		O
10954	INTELSAT 19	166	3780	H	25000	3/4	CNN International Asia Pacific	TV		O
10955	INTELSAT 19	166	3780	H	25000	3/4	HLN International	TV		O
10956	INTELSAT 19	166	3780	H	25000	3/4	CNN International South Asia	TV		O
10957	INTELSAT 19	166	3780	H	25000	3/4	CNN J	TV		O
10958	INTELSAT 19	166	3780	H	25000	3/4	CNN International Asia Pacific	TV		O
10959	INTELSAT 19	166	3780	H	25000	3/4	CNN Radio	R		O
10960	INTELSAT 19	166	3784	V	1464	3/5	Kundu 2	TV		O

순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조기능 (무료방송)	복조불가 (신호미역, 암호화 등)
10961	INTELSAT 19	166	3805	V	3960	3/4	EM TV (Papua New Guinea)	TV		O
10962	INTELSAT 19	166	3815	V	4400	3/4	Arirang World	TV		O
10963	INTELSAT 19	166	3851	V	9950	3/4	TVB Jade	TV		O
10964	INTELSAT 19	166	3900	H	30000	2/3	CNBC Asia-Pacific	TV		O
10965	INTELSAT 19	166	3900	H	30000	2/3	CNBC Australia	TV		O
10966	INTELSAT 19	166	3900	H	30000	2/3	CNBC Asia-Pacific	TV		O
10967	INTELSAT 19	166	3900	H	30000	2/3	BBC World News Asia Pacific	TV		O
10968	INTELSAT 19	166	3920	V	28800	1/2	Fiji One	TV		O
10969	INTELSAT 19	166	3920	V	28800	1/2	Fox Crime Asia	TV		O
10970	INTELSAT 19	166	3920	V	28800	1/2	Nickelodeon South East Asia	TV		O
10971	INTELSAT 19	166	3920	V	28800	1/2	Toonami	TV		O
10972	INTELSAT 19	166	3920	V	28800	1/2	Comedy Central Asia	TV		O
10973	INTELSAT 19	166	3920	V	28800	1/2	MTV South East Asia	TV		O
10974	INTELSAT 19	166	3920	V	28800	1/2	Zee TV Asia Pacific	TV		O
10975	INTELSAT 19	166	3920	V	28800	1/2	SET India	TV		O
10976	INTELSAT 19	166	3920	V	28800	1/2	Colors	TV		O
10977	INTELSAT 19	166	3920	V	28800	1/2	Warner TV Asia	TV		O
10978	INTELSAT 19	166	3920	V	28800	1/2	Star World Asia	TV		O
10979	INTELSAT 19	166	3920	V	28800	1/2	ESPN Pacific Rim	TV		O
10980	INTELSAT 19	166	3920	V	28800	1/2	Super Channel	TV		O
10981	INTELSAT 19	166	3920	V	28800	1/2	Sky Pacific promo	TV		O
10982	INTELSAT 19	166	3920	V	28800	1/2	Discovery Channel New Zealand	TV		O
10983	INTELSAT 19	166	3920	V	28800	1/2	France 24 English	TV		O
10984	INTELSAT 19	166	3920	V	28800	1/2	CNN International Asia Pacific	TV		O
10985	INTELSAT 19	166	3920	V	28800	1/2	Australia Plus TV Pacific	TV		O
10986	INTELSAT 19	166	3920	V	28800	1/2	NHK World TV	TV		O
10987	INTELSAT 19	166	3920	V	28800	1/2	TBN Asia	TV		O
10988	INTELSAT 19	166	3920	V	28800	1/2	Pacific Channel	TV		O
10989	INTELSAT 19	166	3920	V	28800	1/2	History Asia	TV		O
10990	INTELSAT 19	166	3920	V	28800	1/2	Crime + Investigation Network Australia	TV		O
10991	INTELSAT 19	166	3940	H	27690	7/8	Golf Channel Asia	TV		O
10992	INTELSAT 19	166	3940	H	27690	7/8	BBC World News Asia Pacific	TV		O
10993	INTELSAT 19	166	3940	H	27690	7/8	EWTV Pacific Rim	TV		O
10994	INTELSAT 19	166	3940	H	27690	7/8	Fox News Channel	TV		O
10995	INTELSAT 19	166	3940	H	27690	7/8	TV 5 Monde Pacifique	TV		O
10996	INTELSAT 19	166	3940	H	27690	7/8	TV 5 Monde Pacifique	TV		O
10997	INTELSAT 19	166	3940	H	27690	7/8	EWTV Global Catholic Radio	R		O
10998	INTELSAT 19	166	3940	H	27690	7/8	EWTV Radio Católica Mundial	R		O
10999	INTELSAT 19	166	3940	H	27690	7/8	T8WH Angel 3	R		O
11000	INTELSAT 19	166	3940	H	27690	7/8	T8WH Angel 4	R		O
11001	INTELSAT 19	166	3940	H	27690	7/8	T8WH Angel 5	R		O
11002	INTELSAT 19	166	3940	H	27690	7/8	WHRI Angel 6	R		O
11003	INTELSAT 19	166	3940	H	27690	7/8	Pulse FM	R		O
11004	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11005	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11006	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11007	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11008	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11009	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11010	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11011	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11012	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11013	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11014	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11015	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11016	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11017	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11018	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11019	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11020	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11021	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11022	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11023	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11024	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11025	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11026	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11027	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11028	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11029	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11030	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11031	INTELSAT 19	166	3959	V	7090	3/4	China Radio International	R		O
11032	INTELSAT 19	166	3980	H	27690	3/4	Discovery Channel New Zealand	TV		O
11033	INTELSAT 19	166	3980	H	27690	3/4	Discovery Science Channel Australia & New Zealand	TV		O
11034	INTELSAT 19	166	3980	H	27690	3/4	Discovery Kids Australia & New Zealand	TV		O
11035	INTELSAT 19	166	3980	H	27690	3/4	Animal Planet New Zealand	TV		O
11036	INTELSAT 19	166	3980	H	27690	3/4	TLC Australia & New Zealand	TV		O
11037	INTELSAT 19	166	3980	H	27690	3/4	Animal Planet Australia	TV		O
11038	INTELSAT 19	166	4040	V	30000	3/4	Eve	TV		O
11039	INTELSAT 19	166	4040	V	30000	3/4	Discovery Science Channel South East Asia	TV		O
11040	INTELSAT 19	166	4040	V	30000	3/4	DMAX Southeast Asia	TV		O
11041	INTELSAT 19	166	4040	V	30000	3/4	Animal Planet South East Asia	TV		O
11042	INTELSAT 19	166	4040	V	30000	3/4	Discovery Science Channel South East Asia	TV		O
11043	INTELSAT 19	166	4040	V	30000	3/4	TLC South East Asia	TV		O
11044	INTELSAT 19	166	4040	V	30000	3/4	Discovery Channel Thailand	TV		O
11045	INTELSAT 19	166	4040	V	30000	3/4	TLC Thailand	TV		O
11046	INTELSAT 19	166	4040	V	30000	3/4	Discovery Kids Philippines	TV		O
11047	INTELSAT 19	166	4060	H	26590	1/2	NHK World TV	TV		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
11048	INTELSAT 19	166	4060	H	26590	1/2	NHK World Premium	TV		O
11049	INTELSAT 19	166	4060	H	26590	1/2	NHK World TV	TV		O
11050	INTELSAT 19	166	4060	H	26590	1/2	Radio Japan	R		O
11051	INTELSAT 19	166	4060	H	26590	1/2	Radio Japan	R		O
11052	INTELSAT 19	166	4080	V	28270	2/3	Discovery Channel Malaysia	TV		O
11053	INTELSAT 19	166	4080	V	28270	2/3	Discovery Channel Japan	TV		O
11054	INTELSAT 19	166	4080	V	28270	2/3	Discovery Channel China Hotels	TV		O
11055	INTELSAT 19	166	4080	V	28270	2/3	Animal Planet Japan	TV		O
11056	INTELSAT 19	166	4080	V	28270	2/3	Discovery Turbo Max	TV		O
11057	INTELSAT 19	166	4080	V	28270	2/3	Hits	TV		O
11058	INTELSAT 19	166	4080	V	28270	2/3	Discovery HD World South East Asia	TV		O
11059	INTELSAT 19	166	4080	V	28270	2/3	TLC Malaysia	TV		O
11060	INTELSAT 19	166	4080	V	28270	2/3	Discovery Channel Thailand	TV		O
11061	INTELSAT 19	166	4146	V	5632	3/4	tekarere	TV	O	
11062	INTELSAT 19	166	4146	V	5632	3/4	Radio New Zealand International	R	O	
11063	INTELSAT 19	166	4165	V	3448	3/5	BBC World Service English East Asia	R		O
11064	INTELSAT 19	166	4165	V	3448	3/5	BBC World Service English South Asia	R		O
11065	INTELSAT 19	166	4165	V	3448	3/5	BBC World Service English Australia & New Zealand	R		O
11066	INTELSAT 19	166	4165	V	3448	3/5	BBC World Service English News	R		O
11067	INTELSAT 19	166	4165	V	3448	3/5	BBC World Service Arabic	R		O
11068	INTELSAT 19	166	4180	H	30000	2/3	ABS-CBN Channel 1	TV		O
11069	INTELSAT 19	166	4180	H	30000	2/3	TFC Asia-Pacific	TV		O
11070	INTELSAT 19	166	4180	H	30000	2/3	Hero	TV		O
11071	INTELSAT 19	166	4180	H	30000	2/3	ABS-CBN Sports+Action	TV		O
11072	INTELSAT 19	166	4180	H	30000	2/3	Jeepney TV	TV		O
11073	INTELSAT 19	166	4180	H	30000	2/3	ANC	TV		O
11074	INTELSAT 19	166	4180	H	30000	2/3	Lifestyle Network	TV		O
11075	INTELSAT 19	166	4180	H	30000	2/3	Cinema 1 Philippines	TV		O
11076	INTELSAT 19	166	4180	H	30000	2/3	Myx Philippines	TV		O
11077	INTELSAT 19	166	4180	H	30000	2/3	K Channel (Philippines)	TV		O
11078	INTELSAT 19	166	4180	H	30000	2/3	DZMM TeleRadyo	TV		O
11079	INTELSAT 19	166	4180	H	30000	2/3	Balls Channel	TV		O
11080	INTELSAT 19	166	4180	H	30000	2/3	ANC	TV		O
11081	INTELSAT 19	166	4180	H	30000	2/3	O Shopping	TV		O
11082	INTELSAT 19	166	4180	H	30000	2/3	ABS-CBN Cebu	TV		O
11083	INTELSAT 19	166	4180	H	30000	2/3	ABS-CBN Sports+Action	TV		O
11084	INTELSAT 19	166	4180	H	30000	2/3	Cine Mo!	TV		O
11085	INTELSAT 19	166	4180	H	30000	2/3	Yey!	TV		O
11086	INTELSAT 19	166	4180	H	30000	2/3	K Channel (Philippines)	TV		O
11087	INTELSAT 19	166	4180	H	30000	2/3	DZMM TeleRadyo	TV		O
11088	INTELSAT 19	166	4180	H	30000	2/3	ABS-CBN Channel 1	TV		O
11089	INTELSAT 19	166	4180	H	30000	2/3	DZMM	R		O
11090	INTELSAT 19	166	4180	H	30000	2/3	MOR FM	R		O
11091	INTELSAT 19	166	12286	H	30000	3/4	ERT 1	TV		O
11092	INTELSAT 19	166	12286	H	30000	3/4	ERT 2	TV		O
11093	INTELSAT 19	166	12286	H	30000	3/4	Epsilon TV	TV		O
11094	INTELSAT 19	166	12286	H	30000	3/4	Kontra Channel	TV		O
11095	INTELSAT 19	166	12286	H	30000	3/4	SKA1 Tileorasi	TV		O
11096	INTELSAT 19	166	12286	H	30000	3/4	Channel 9 (Greece)	TV		O
11097	INTELSAT 19	166	12286	H	30000	3/4	4E	TV		O
11098	INTELSAT 19	166	12286	H	30000	3/4	RIK Sat	TV		O
11099	INTELSAT 19	166	12286	H	30000	3/4	Mad TV	TV		O
11100	INTELSAT 19	166	12286	H	30000	3/4	Action 24	TV		O
11101	INTELSAT 19	166	12286	H	30000	3/4	Cinema Plus	TV		O
11102	INTELSAT 19	166	12286	H	30000	3/4	Cinema Plus	TV		O
11103	INTELSAT 19	166	12286	H	30000	3/4	Vouli Tileorasi	TV		O
11104	INTELSAT 19	166	12286	H	30000	3/4	ERT 3	TV		O
11105	INTELSAT 19	166	12286	H	30000	3/4	ATV Avrupa	TV		O
11106	INTELSAT 19	166	12286	H	30000	3/4	Show TV	TV		O
11107	INTELSAT 19	166	12286	H	30000	3/4	Star TV (Turkey)	TV		O
11108	INTELSAT 19	166	12286	H	30000	3/4	Euro D	TV		O
11109	INTELSAT 19	166	12286	H	30000	3/4	Ülke TV	TV		O
11110	INTELSAT 19	166	12286	H	30000	3/4	TV 8 (Turkey)	TV		O
11111	INTELSAT 19	166	12286	H	30000	3/4	Kanal 7 Avrupa	TV		O
11112	INTELSAT 19	166	12286	H	30000	3/4	Samanyolu TV Avrupa	TV		O
11113	INTELSAT 19	166	12286	H	30000	3/4	TRT Türk	TV		O
11114	INTELSAT 19	166	12286	H	30000	3/4	TRT 1	TV		O
11115	INTELSAT 19	166	12286	H	30000	3/4	TRT Müzik	TV		O
11116	INTELSAT 19	166	12286	H	30000	3/4	TRT Çocuk	TV		O
11117	INTELSAT 19	166	12286	H	30000	3/4	Power Türk TV	TV		O
11118	INTELSAT 19	166	12286	H	30000	3/4	Vizyon 1	TV		O
11119	INTELSAT 19	166	12286	H	30000	3/4	Dizi Plus	TV		O
11120	INTELSAT 19	166	12286	H	30000	3/4	Sinema Plus	TV		O
11121	INTELSAT 19	166	12286	H	30000	3/4	NTV Spor	TV		O
11122	INTELSAT 19	166	12286	H	30000	3/4	TRT Spor	TV		O
11123	INTELSAT 19	166	12286	H	30000	3/4	Sports TV	TV		O
11124	INTELSAT 19	166	12286	H	30000	3/4	FB TV	TV		O
11125	INTELSAT 19	166	12286	H	30000	3/4	NTV Türkiye	TV		O
11126	INTELSAT 19	166	12286	H	30000	3/4	360	TV		O
11127	INTELSAT 19	166	12286	H	30000	3/4	TRT Haber	TV		O
11128	INTELSAT 19	166	12286	H	30000	3/4	Halk Haber TV	TV		O
11129	INTELSAT 19	166	12286	H	30000	3/4	EuroNews	TV		O
11130	INTELSAT 19	166	12286	H	30000	3/4	RT English	TV		O
11131	INTELSAT 19	166	12286	H	30000	3/4	France 24 English	TV		O
11132	INTELSAT 19	166	12286	H	30000	3/4	Arena Sport 1	TV		O
11133	INTELSAT 19	166	12286	H	30000	3/4	Arena Sport 2	TV		O
11134	INTELSAT 19	166	12286	H	30000	3/4	Arena Sport 3	TV		O

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11135	INTELSAT 19	166	12286	H	30000	3/4	Arena Sport 4	TV		O
11136	INTELSAT 19	166	12286	H	30000	3/4	Sport Klub 1 Srbija	TV		O
11137	INTELSAT 19	166	12286	H	30000	3/4	Sport Klub 2 Srbija	TV		O
11138	INTELSAT 19	166	12286	H	30000	3/4	Sport Klub 3	TV		O
11139	INTELSAT 19	166	12286	H	30000	3/4	NTV Radyo	R		O
11140	INTELSAT 19	166	12286	H	30000	3/4	Best FM (Turkey)	R		O
11141	INTELSAT 19	166	12407	H	29500	3/4	SET Asia	TV		O
11142	INTELSAT 19	166	12407	H	29500	3/4	Colors	TV		O
11143	INTELSAT 19	166	12407	H	29500	3/4	Zee TV Asia Pacific	TV		O
11144	INTELSAT 19	166	12407	H	29500	3/4	Star Plus Southeast Asia	TV		O
11145	INTELSAT 19	166	12407	H	29500	3/4	Sony SAB TV Asia	TV		O
11146	INTELSAT 19	166	12407	H	29500	3/4	Life OK India	TV		O
11147	INTELSAT 19	166	12407	H	29500	3/4	MTV India	TV		O
11148	INTELSAT 19	166	12407	H	29500	3/4	Zoom (India)	TV		O
11149	INTELSAT 19	166	12407	H	29500	3/4	Sony Max Asia	TV		O
11150	INTELSAT 19	166	12407	H	29500	3/4	Star Gold	TV		O
11151	INTELSAT 19	166	12407	H	29500	3/4	Times Now	TV		O
11152	INTELSAT 19	166	12407	H	29500	3/4	NDTV India	TV		O
11153	INTELSAT 19	166	12407	H	29500	3/4	PTC Punjabi	TV		O
11154	INTELSAT 19	166	12407	H	29500	3/4	Star Vijay International	TV		O
11155	INTELSAT 19	166	12407	H	29500	3/4	Raj TV	TV		O
11156	INTELSAT 19	166	12407	H	29500	3/4	KTV (India)	TV		O
11157	INTELSAT 19	166	12526	H	30000	3/4	Mis TV	TV		O
11158	INTELSAT 19	166	12526	H	30000	3/4	Pink Plus	TV		O
11159	INTELSAT 19	166	12526	H	30000	3/4	Pink Film	TV		O
11160	INTELSAT 19	166	12526	H	30000	3/4	Pink Extra	TV		O
11161	INTELSAT 19	166	12526	H	30000	3/4	Pink Premium	TV		O
11162	INTELSAT 19	166	12526	H	30000	3/4	Pink Music	TV		O
11163	INTELSAT 19	166	12526	H	30000	3/4	Pink Soap	TV		O
11164	INTELSAT 19	166	12526	H	30000	3/4	Prva Srpska TV	TV		O
11165	INTELSAT 19	166	12526	H	30000	3/4	TV B92	TV		O
11166	INTELSAT 19	166	12526	H	30000	3/4	RTS 1 (Serbia)	TV		O
11167	INTELSAT 19	166	12526	H	30000	3/4	TV Duga +	TV		O
11168	INTELSAT 19	166	12526	H	30000	3/4	DM Sat	TV		O
11169	INTELSAT 19	166	12526	H	30000	3/4	Atlas TV	TV		O
11170	INTELSAT 19	166	12526	H	30000	3/4	Balkanika Music TV	TV		O
11171	INTELSAT 19	166	12526	H	30000	3/4	Sitel TV	TV		O
11172	INTELSAT 19	166	12526	H	30000	3/4	Alfa TV (Macedonia)	TV		O
11173	INTELSAT 19	166	12526	H	30000	3/4	Kanal 5 (Macedonia)	TV		O
11174	INTELSAT 19	166	12526	H	30000	3/4	MRT 1	TV		O
11175	INTELSAT 19	166	12526	H	30000	3/4	In TV Australia	TV		O
11176	INTELSAT 19	166	12526	H	30000	3/4	OBN	TV		O
11177	INTELSAT 19	166	12526	H	30000	3/4	OTV Valentino	TV		O
11178	INTELSAT 19	166	12526	H	30000	3/4	BHT 1	TV		O
11179	INTELSAT 19	166	12526	H	30000	3/4	Croatian Music Channel	TV		O
11180	INTELSAT 19	166	12526	H	30000	3/4	Jabuka TV	TV		O
11181	INTELSAT 19	166	12526	H	30000	3/4	Z1	TV		O
11182	INTELSAT 19	166	12526	H	30000	3/4	Telesur (Venezuela)	TV		O
11183	INTELSAT 19	166	12526	H	30000	3/4	Canal 24 Horas	TV		O
11184	INTELSAT 19	166	12526	H	30000	3/4	Tlnovelas América	TV		O
11185	INTELSAT 19	166	12526	H	30000	3/4	Canal de las Estrellas Latinoamérica	TV		O
11186	INTELSAT 19	166	12526	H	30000	3/4	De Película EUA	TV		O
11187	INTELSAT 19	166	12526	H	30000	3/4	TeleHit Estados Unidos	TV		O
11188	INTELSAT 19	166	12526	H	30000	3/4	TV Chile	TV		O
11189	INTELSAT 19	166	12526	H	30000	3/4	TVE Internacional Asia	TV		O
11190	INTELSAT 19	166	12526	H	30000	3/4	Telefe Internacional	TV		O
11191	INTELSAT 19	166	12526	H	30000	3/4	Ritmoson EUA	TV		O
11192	INTELSAT 19	166	12526	H	30000	3/4	Play	R		O
11193	INTELSAT 19	166	12526	H	30000	3/4	Radio Studio B	R		O
11194	INTELSAT 19	166	12557	H	15000	3/4	One America News Network	TV		O
11195	INTELSAT 19	166	12557	H	15000	3/4	Cars TV	TV		O
11196	INTELSAT 19	166	12557	H	15000	3/4	Comedy TV (USA)	TV		O
11197	INTELSAT 19	166	12557	H	15000	3/4	Es TV	TV		O
11198	INTELSAT 19	166	12557	H	15000	3/4	My Destination TV	TV		O
11199	INTELSAT 19	166	12557	H	15000	3/4	ESPN Australia	TV		O
11200	INTELSAT 19	166	12557	H	15000	3/4	ESPN 2 Australia	TV		O
11201	INTELSAT 19	166	12557	H	15000	3/4	Fashion TV SD Asia	TV		O
11202	INTELSAT 19	166	12557	H	15000	3/4	Havoc 247	TV		O
11203	INTELSAT 19	166	12557	H	15000	3/4	Pursuit Channel	TV		O
11204	INTELSAT 19	166	12557	H	15000	3/4	FightBox HD	TV		O
11205	INTELSAT 19	166	12557	H	15000	3/4	DocuBox HD	TV		O
11206	INTELSAT 19	166	12557	H	15000	3/4	360 Tune Box	TV		O
11207	INTELSAT 19	166	12557	H	15000	3/4	Fast & FunBox HD	TV		O
11208	INTELSAT 19	166	12557	H	15000	3/4	FilmBox Arthouse	TV		O
11209	INTELSAT 19	166	12557	H	15000	3/4	AWE International	TV		O
11210	INTELSAT 19	166	12557	H	15000	3/4	Trace Sport Stars	TV		O
11211	INTELSAT 19	166	12557	H	15000	3/4	Trace Urban	TV		O
11212	INTELSAT 19	166	12557	H	15000	3/4	Bloomberg TV Asia	TV		O
11213	INTELSAT 19	166	12557	H	15000	3/4	Motorvision TV	TV		O
11214	INTELSAT 19	166	12557	H	15000	3/4	MTV Hits Australia	TV		O
11215	INTELSAT 19	166	12557	H	15000	3/4	MTV Classic Australia	TV		O
11216	INTELSAT 19	166	12575	H	13845	2/3	TFC Asia-Pacific	TV		O
11217	INTELSAT 19	166	12575	H	13845	2/3	ANC	TV		O
11218	INTELSAT 19	166	12575	H	13845	2/3	Cinema One Global	TV		O
11219	INTELSAT 19	166	12575	H	13845	2/3	Bro	TV		O
11220	INTELSAT 19	166	12575	H	13845	2/3	DZMM TeleRadyo	TV		O
11221	INTELSAT 19	166	12575	H	13845	2/3	Pay Per View on TFC	TV		O

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11222	INTELSAT 19	166	12575	H	13845	2/3	Lifestyle Network	TV		O
11223	INTELSAT 19	166	12575	H	13845	2/3	Pay Per View on TFC 2	TV		O
11224	INTELSAT 19	166	12575	H	13845	2/3	MOR 101.9 Manila	R		O
11225	INTELSAT 19	166	12575	H	13845	2/3	DZMM	R		O
11226	INTELSAT 19	166	12592	H	2894	3/4	AAFES Radio Network 1	R		O
11227	INTELSAT 19	166	12592	H	2894	3/4	AAFES Radio Network 2	R		O
11228	INTELSAT 19	166	12613	H	2222	1/2	Dhamma Media Channel Asia	TV	O	
11229	INTELSAT 19	166	12613	H	2222	1/2	Dhamma Media Radio	R	O	
11230	INTELSAT 19	166	12613	H	2222	1/2	Dhamma Media Radio	R	O	
11231	INTELSAT 19	166	12646	H	28066	3/4	ART Movies America	TV		O
11232	INTELSAT 19	166	12646	H	28066	3/4	Al Jadeed Sat	TV		O
11233	INTELSAT 19	166	12646	H	28066	3/4	ART Variety Australia	TV		O
11234	INTELSAT 19	166	12646	H	28066	3/4	Al Arabiya	TV		O
11235	INTELSAT 19	166	12646	H	28066	3/4	MBC International	TV		O
11236	INTELSAT 19	166	12646	H	28066	3/4	LDC America & Australia	TV		O
11237	INTELSAT 19	166	12646	H	28066	3/4	On TV	TV		O
11238	INTELSAT 19	166	12646	H	28066	3/4	NourSat	TV		O
11239	INTELSAT 19	166	12646	H	28066	3/4	Future TV America & Australia	TV		O
11240	INTELSAT 19	166	12646	H	28066	3/4	Arabica TV	TV		O
11241	INTELSAT 19	166	12646	H	28066	3/4	MTV Alloubnaniya	TV		O
11242	INTELSAT 19	166	12646	H	28066	3/4	Beln Sports Global	TV		O
11243	INTELSAT 19	166	12646	H	28066	3/4	ART Hekayat	TV		O
11244	INTELSAT 19	166	12646	H	28066	3/4	OTV (Lebanon)	TV		O
11245	INTELSAT 19	166	12646	H	28066	3/4	Iqraa Arabic	TV		O
11246	INTELSAT 19	166	12646	H	28066	3/4	Rai Italia Australia	TV		O
11247	INTELSAT 19	166	12646	H	28066	3/4	Ant1 Pacific	TV		O
11248	INTELSAT 19	166	12646	H	28066	3/4	Syria Drama	TV		O
11249	INTELSAT 19	166	12646	H	28066	3/4	Arabica FM	R		O
11250	INTELSAT 19	166	12646	H	28066	3/4	Radio Orient (Lebanon)	R		O
11251	INTELSAT 19	166	12646	H	28066	3/4	Radio 2 Moro	R		O
11252	INTELSAT 19	166	12646	H	28066	3/4	Voice of Charity	R		O
11253	INTELSAT 19	166	12646	H	28066	3/4	Radio Tarab	R		O
11254	INTELSAT 19	166	12646	H	28066	3/4	Radio Liban Libre	R		O
11255	INTELSAT 19	166	12646	H	28066	3/4	Easy 97.2	R		O
11256	INTELSAT 19	166	12686	H	28124	3/4	TVB Jade	TV		O
11257	INTELSAT 19	166	12686	H	28124	3/4	TVB Junior	TV		O
11258	INTELSAT 19	166	12686	H	28124	3/4	Dragon TV (China)	TV		O
11259	INTELSAT 19	166	12686	H	28124	3/4	TVB 8	TV		O
11260	INTELSAT 19	166	12686	H	28124	3/4	TVB Xing He	TV		O
11261	INTELSAT 19	166	12686	H	28124	3/4	TVBS Asia	TV		O
11262	INTELSAT 19	166	12686	H	28124	3/4	TVBS News	TV		O
11263	INTELSAT 19	166	12686	H	28124	3/4	CCTV 4 Asia	TV		O
11264	INTELSAT 19	166	12686	H	28124	3/4	MATV Film	TV		O
11265	INTELSAT 19	166	12686	H	28124	3/4	Star Chinese Movies South East Asia	TV		O
11266	INTELSAT 19	166	12686	H	28124	3/4	TVBN	TV		O
11267	INTELSAT 19	166	12686	H	28124	3/4	TVB Good Show	TV		O
11268	INTELSAT 19	166	12686	H	28124	3/4	Phoenix Chinese Channel	TV		O
11269	INTELSAT 19	166	12686	H	28124	3/4	Phoenix InfoNews Channel	TV		O
11270	INTELSAT 19	166	12686	H	28124	3/4	SBTN	TV		O
11271	INTELSAT 19	166	12686	H	28124	3/4	TVB Viet Nam Australia	TV		O
11272	INTELSAT 19	166	12726	H	28066	3/4	Rai World Premium	TV		O
11273	INTELSAT 19	166	12726	H	28066	3/4	Greek Cinema	TV		O
11274	INTELSAT 19	166	12726	H	28066	3/4	Rai News 24	TV		O
11275	INTELSAT 19	166	12726	H	28066	3/4	Mediaset Italia	TV		O
11276	INTELSAT 19	166	12726	H	28066	3/4	Syria Satellite Channel	TV		O
11277	INTELSAT 19	166	12726	H	28066	3/4	Al Hayat 2	TV		O
11278	INTELSAT 19	166	12726	H	28066	3/4	Cima TV	TV		O
11279	INTELSAT 19	166	12726	H	28066	3/4	KTV 1	TV		O
11280	INTELSAT 19	166	12726	H	28066	3/4	Arirang World	TV		O
11281	INTELSAT 19	166	12726	H	28066	3/4	NHK World Premium	TV		O
11282	INTELSAT 19	166	12726	H	28066	3/4	South Sudan TV	TV		O
11283	INTELSAT 19	166	12726	H	28066	3/4	Bethel TV	TV		O
11284	INTELSAT 19	166	12726	H	28066	3/4	Radio Zara FM	TV		O
11285	INTELSAT 19	166	12726	H	28066	3/4	China Radio International	TV		O
11286	INTELSAT 19	166	12726	H	28066	3/4	Radio Kuwait Main Program	TV		O
11287	INTELSAT 19	166	12726	H	28066	3/4	Radio Kuwait Quran	TV		O
11288	INTELSAT 8	169	4032	H	8545	2/3	ART Variety Australia	TV		O
11289	EUTELSAT 172A	172	3916	H	3330	3/4	Hope Channel International	TV		O
11290	EUTELSAT 172A	172	3916	H	3330	3/4	LifeTalk Radio	R		O
11291	INTELSAT 18	180	4070	CR	3443	3/4	Australia Plus TV Pacific	TV		O
11292	INTELSAT 18	180	4070	CR	3443	3/4	Radio Australia English for Asia	R		O
11293	INTELSAT 18	180	4070	CR	3443	3/4	Radio Australia English for the Pacific	R		O
11294	INTELSAT 18	180	4174	CL	3680	2/3	AFN Prime Pacific	TV		O
11295	INTELSAT 18	180	4174	CL	3680	2/3	AFN News	TV		O
11296	INTELSAT 18	180	4174	CL	3680	2/3	AFN Sports	TV		O
11297	INTELSAT 18	180	10995	H	45000	3/4	RFM TV	TV		O
11298	INTELSAT 18	180	10995	H	45000	3/4	Action (France)	TV		O
11299	INTELSAT 18	180	10995	H	45000	3/4	Eurosport France	TV		O
11300	INTELSAT 18	180	10995	H	45000	3/4	Mezzo	TV		O
11301	INTELSAT 18	180	10995	H	45000	3/4	Canal + Cinéma France	TV		O
11302	INTELSAT 18	180	10995	H	45000	3/4	Cine + Frisson	TV		O
11303	INTELSAT 18	180	10995	H	45000	3/4	Cine + Emotion	TV		O
11304	INTELSAT 18	180	10995	H	45000	3/4	Cine + Famiz	TV		O
11305	INTELSAT 18	180	10995	H	45000	3/4	Téva	TV		O
11306	INTELSAT 18	180	10995	H	45000	3/4	Disney Channel France	TV		O
11307	INTELSAT 18	180	10995	H	45000	3/4	Planète + Thalassa (20-02)	TV		O
11308	INTELSAT 18	180	10995	H	45000	3/4	Trace Urban (21.30-09.30)	TV		O



순번	위성명	궤도위지	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 암호화 등)
11309	INTELSAT 18	180	10995	H	45000	3/4	MCM Top	TV		O
11310	INTELSAT 18	180	10995	H	45000	3/4	TF 1	TV		O
11311	INTELSAT 18	180	10995	H	45000	3/4	Canal + Sport France	TV		O
11312	INTELSAT 18	180	10995	H	45000	3/4	Tiji (05-20)	TV		O
11313	INTELSAT 18	180	10995	H	45000	3/4	Planète + A&E (20-04)	TV		O
11314	INTELSAT 18	180	10995	H	45000	3/4	Eurosport 2	TV		O
11315	INTELSAT 18	180	10995	H	45000	3/4	Syfy France	TV		O
11316	INTELSAT 18	180	10995	H	45000	3/4	InfoSport + (02-20)	TV		O
11317	INTELSAT 18	180	10995	H	45000	3/4	13ème Rue	TV		O
11318	INTELSAT 18	180	10995	H	45000	3/4	Histoire	TV		O
11319	INTELSAT 18	180	10995	H	45000	3/4	Eurosport France	TV		O
11320	INTELSAT 18	180	10995	H	45000	3/4	National Geographic Channel France	TV		O
11321	INTELSAT 18	180	11075	V	45000	3/4	TF 1	TV		O
11322	INTELSAT 18	180	11075	V	45000	3/4	M6	TV		O
11323	INTELSAT 18	180	11075	V	45000	3/4	W9	TV		O
11324	INTELSAT 18	180	11075	V	45000	3/4	Disney Channel France	TV		O
11325	INTELSAT 18	180	11075	V	45000	3/4	TéléToon +	TV		O
11326	INTELSAT 18	180	11075	V	45000	3/4	M6 Music	TV		O
11327	INTELSAT 18	180	11075	V	45000	3/4	LCI	TV		O
11328	INTELSAT 18	180	11075	V	45000	3/4	Voyage	TV		O
11329	INTELSAT 18	180	11075	V	45000	3/4	Planète +	TV		O
11330	INTELSAT 18	180	11075	V	45000	3/4	Discovery Channel France	TV		O
11331	INTELSAT 18	180	11075	V	45000	3/4	Nat Geo Wild France	TV		O
11332	INTELSAT 18	180	11075	V	45000	3/4	Paris Première	TV		O
11333	INTELSAT 18	180	11075	V	45000	3/4	Comédie +	TV		O
11334	INTELSAT 18	180	11075	V	45000	3/4	Téva	TV		O
11335	INTELSAT 18	180	11075	V	45000	3/4	InfoSport +	TV		O
11336	INTELSAT 18	180	11075	V	45000	3/4	Sport +	TV		O
11337	INTELSAT 18	180	11075	V	45000	3/4	CNN International Asia Pacific	TV		O
11338	INTELSAT 18	180	11075	V	45000	3/4	Canal + Polynésie	TV		O
11339	INTELSAT 18	180	11075	V	45000	3/4	Canal + Sport France	TV		O
11340	INTELSAT 18	180	11075	V	45000	3/4	Canal + Cinéma France	TV		O
11341	INTELSAT 18	180	11075	V	45000	3/4	National Geographic Channel France	TV		O
11342	INTELSAT 18	180	11075	V	45000	3/4	OCS max	TV		O
11343	INTELSAT 18	180	11075	V	45000	3/4	OCS City	TV		O
11344	INTELSAT 18	180	11075	V	45000	3/4	OCS choc	TV		O
11345	INTELSAT 18	180	11075	V	45000	3/4	Canal + Séries	TV		O
11346	INTELSAT 18	180	11075	V	45000	3/4	OCS geants	TV		O
11347	INTELSAT 18	180	11075	V	45000	3/4	Cine + Premier	TV		O
11348	INTELSAT 18	180	11075	V	45000	3/4	Planète + A&E (06-23)	TV		O
11349	INTELSAT 18	180	11075	V	45000	3/4	Dorcel TV (23-05)	TV		O
11350	INTELSAT 18	180	11075	V	45000	3/4	Cartoon Network France	TV		O
11351	INTELSAT 18	180	11075	V	45000	3/4	BeIn Sports 1	TV		O
11352	INTELSAT 18	180	11075	V	45000	3/4	BeIn Sports 2	TV		O
11353	INTELSAT 18	180	11075	V	45000	3/4	D8	TV		O
11354	INTELSAT 18	180	11075	V	45000	3/4	Disney Cinema	TV		O
11355	INTELSAT 18	180	11075	V	45000	3/4	Kombat Sport	TV		O
11356	INTELSAT 18	180	11075	V	45000	3/4	Gulli	TV		O
11357	INTELSAT 18	180	11075	V	45000	3/4	LCP	TV		O
11358	INTELSAT 18	180	11075	V	45000	3/4	Public Sénat	TV		O
11359	INTELSAT 18	180	11075	V	45000	3/4	Radio Maria no te Hau	R		O
11360	INTELSAT 18	180	11075	V	45000	3/4	Radio Te Reo O Tefana	R		O
11361	INTELSAT 18	180	11075	V	45000	3/4	Radio 1 (Tahiti)	R		O
11362	INTELSAT 18	180	11075	V	45000	3/4	Tiare FM	R		O
11363	INTELSAT 18	180	11075	V	45000	3/4	Skyrock	R		O
11364	INTELSAT 18	180	11075	V	45000	3/4	Europe 1	R		O
11365	INTELSAT 18	180	11075	V	45000	3/4	FIP	R		O
11366	INTELSAT 18	180	11075	V	45000	3/4	Nostalgie la légende	R		O
11367	INTELSAT 18	180	11075	V	45000	3/4	Rire & Chansons	R		O
11368	INTELSAT 18	180	11075	V	45000	3/4	Virgin Radio France	R		O
11369	INTELSAT 18	180	11075	H	45000	3/4	Cine + Premier	TV		O
11370	INTELSAT 18	180	11075	H	45000	3/4	TCM Cinéma	TV		O
11371	INTELSAT 18	180	11075	H	45000	3/4	RTL 9 (12-02)	TV		O
11372	INTELSAT 18	180	11075	H	45000	3/4	Planète +	TV		O
11373	INTELSAT 18	180	11075	H	45000	3/4	Disney Cinema	TV		O
11374	INTELSAT 18	180	11075	H	45000	3/4	Gulli (06-18)	TV		O
11375	INTELSAT 18	180	11075	H	45000	3/4	Voyage (18.00-22.30)	TV		O
11376	INTELSAT 18	180	11075	H	45000	3/4	XXL (22.30-04.00)	TV		O
11377	INTELSAT 18	180	11075	H	45000	3/4	Canal + Calédonie	TV		O
11378	INTELSAT 18	180	11075	H	45000	3/4	I>Télé	TV		O
11379	INTELSAT 18	180	11075	H	45000	3/4	National Geographic Channel France (18-02)	TV		O
11380	INTELSAT 18	180	11075	H	45000	3/4	LCI	TV		O
11381	INTELSAT 18	180	11075	H	45000	3/4	TV 5 Monde Pacifique	TV		O
11382	INTELSAT 18	180	11075	H	45000	3/4	W9	TV		O
11383	INTELSAT 18	180	11075	H	45000	3/4	M6	TV		O
11384	INTELSAT 18	180	11075	H	45000	3/4	Motors TV	TV		O
11385	INTELSAT 18	180	11075	H	45000	3/4	L'Équipe 21 (13.00-17.30)	TV		O
11386	INTELSAT 18	180	11075	H	45000	3/4	Sport + (17.30-13.00)	TV		O
11387	INTELSAT 18	180	11075	H	45000	3/4	TMC	TV		O
11388	INTELSAT 18	180	11075	H	45000	3/4	Canal + Family France	TV		O
11389	INTELSAT 18	180	11075	H	45000	3/4	Comédie +	TV		O
11390	INTELSAT 18	180	11075	H	45000	3/4	TF 1	TV		O
11391	INTELSAT 18	180	11075	H	45000	3/4	Cuisine +	TV		O
11392	INTELSAT 18	180	11075	H	45000	3/4	Seasons (09.30-21.30)	TV		O
11393	INTELSAT 18	180	11075	H	45000	3/4	Europe 1	TV		O
11394	INTELSAT 18	180	11075	H	45000	3/4	France Info	TV		O
11395	INTELSAT 18	180	11075	H	45000	3/4	RFM (France)	R		O

순번	위성명	궤도위치	주파수 (MHz)	편파	Symbol rate	FEC	채널명	방송형태	복조가능 (무료방송)	복조불가 (신호미약, 일표화 등)
11396	INTELSAT 18	180	11075	H	45000	3/4	Jazz Radio	R		O
11397	INTELSAT 18	180	11155	V	28588	3/4	Polynésie 1ère	TV		O
11398	INTELSAT 18	180	11155	V	28588	3/4	Tahiti Nui TV	TV		O
11399	INTELSAT 18	180	11155	V	28588	3/4	France 2	TV		O
11400	INTELSAT 18	180	11155	V	28588	3/4	France 3 Sat	TV		O
11401	INTELSAT 18	180	11155	V	28588	3/4	France 4	TV		O
11402	INTELSAT 18	180	11155	V	28588	3/4	France 5	TV		O
11403	INTELSAT 18	180	11155	V	28588	3/4	France Ô	TV		O
11404	INTELSAT 18	180	11155	V	28588	3/4	ARTE Français	TV		O
11405	INTELSAT 18	180	11155	V	28588	3/4	France 24 Français	TV		O
11406	INTELSAT 18	180	11155	V	28588	3/4	Polynésie 1ère Radio	R		O
11407	INTELSAT 18	180	11155	V	28588	3/4	France Inter	R		O
11408	INTELSAT 18	180	11155	V	28588	3/4	Mouv'	R		O
11409	INTELSAT 18	180	11155	V	28588	3/4	Radio France Internationale	R		O
11410	INTELSAT 18	180	11155	V	28588	3/4	France Info	R		O
11411	INTELSAT 18	180	11155	V	28588	3/4	France Culture	R		O
11412	INTELSAT 18	180	11155	V	28588	3/4	Outre-mer 1ère	R		O
11413	INTELSAT 18	180	11155	H	28588	5/6	NC TV (New Caledonia)	TV		O
11414	INTELSAT 18	180	11155	H	28588	5/6	Polynésie 1ère	TV		O
11415	INTELSAT 18	180	11155	H	28588	5/6	Nouvelle Calédonie 1ère	TV		O
11416	INTELSAT 18	180	11155	H	28588	5/6	Wallis et Futuna 1ère	TV		O
11417	INTELSAT 18	180	11155	H	28588	5/6	France 2	TV		O
11418	INTELSAT 18	180	11155	H	28588	5/6	France 3 Sat	TV		O
11419	INTELSAT 18	180	11155	H	28588	5/6	France 4	TV		O
11420	INTELSAT 18	180	11155	H	28588	5/6	France 5	TV		O
11421	INTELSAT 18	180	11155	H	28588	5/6	France Ô	TV		O
11422	INTELSAT 18	180	11155	H	28588	5/6	ARTE Français	TV		O
11423	INTELSAT 18	180	11155	H	28588	5/6	France 24 Français	TV		O
11424	INTELSAT 18	180	11155	H	28588	5/6	Nouvelle Calédonie 1ère Radio	R		O
11425	INTELSAT 18	180	11155	H	28588	5/6	France Inter	R		O
11426	INTELSAT 18	180	11155	H	28588	5/6	Wallis & Futuna 1ère Radio	R		O
11427	INTELSAT 18	180	11155	H	28588	5/6	Mouv'	R		O
11428	INTELSAT 18	180	11155	H	28588	5/6	Radio France Internationale	R		O
11429	INTELSAT 18	180	11155	H	28588	5/6	France Info	R		O
11430	INTELSAT 18	180	11155	H	28588	5/6	France Culture	R		O
11431	INTELSAT 18	180	11155	H	28588	5/6	France Musique	R		O
11432	INTELSAT 18	180	11155	H	28588	5/6	France Bleu 107.1	R		O
11433	INTELSAT 18	180	11155	H	28588	5/6	France Bleu	R		O
11434	INTELSAT 18	180	11155	H	28588	5/6	RFI Afrique	R		O
11435	INTELSAT 18	180	11155	H	28588	5/6	Outre-mer 1ère	R		O
11436	NSS 9	183	3646	CR	28000	3/4	AFN Sports	TV		O
11437	NSS 9	183	3646	CR	28000	3/4	AFN Prime Atlantic	TV		O
11438	NSS 9	183	3646	CR	28000	3/4	AFN Spectrum	TV		O
11439	NSS 9	183	3646	CR	28000	3/4	AFN Prime Pacific	TV		O
11440	NSS 9	183	3646	CR	28000	3/4	AFN News	TV		O
11441	NSS 9	183	3646	CR	28000	3/4	AFN Prime Korea	TV		O
11442	NSS 9	183	3646	CR	28000	3/4	AFN Guide	TV		O
11443	NSS 9	183	3646	CR	28000	3/4	AFN Family	TV		O
11444	NSS 9	183	3646	CR	28000	3/4	AFN Movie	TV		O
11445	NSS 9	183	3646	CR	28000	3/4	NewsWheel	R		O
11446	NSS 9	183	3646	CR	28000	3/4	Tranceport	R		O
11447	NSS 9	183	3646	CR	28000	3/4	Today's Best Country	R		O
11448	NSS 9	183	3646	CR	28000	3/4	AFN's Joe Radio	R		O
11449	NSS 9	183	3646	CR	28000	3/4	NPR Worldwide AFRTS	R		O
11450	NSS 9	183	3646	CR	28000	3/4	Gravity	R		O
11451	NSS 9	183	3646	CR	28000	3/4	AFN Legacy	R		O
11452	NSS 9	183	3646	CR	28000	3/4	Hot AC	R		O
11453	NSS 9	183	3646	CR	28000	3/4	The Nerve	R		O
11454	NSS 9	183	3646	CR	28000	3/4	AFN Clutch	R		O
11455	NSS 9	183	3646	CR	28000	3/4	AFN Fans	R		O
11456	NSS 9	183	3646	CR	28000	3/4	AFN Voice Channel	R		O
11457	NSS 9	183	3646	CR	28000	3/4	The Contingency Channel	R		O
11458	NSS 9	183	3922	CR	2895	?	Wallis et Futuna 1ère	TV		O
11459	NSS 9	183	3987	CR	8950	2/3	TBN US	TV		O
11460	NSS 9	183	3987	CR	8950	2/3	Juce TV	TV		O
11461	NSS 9	183	3987	CR	8950	2/3	The Church Channel	TV		O
11462	NSS 9	183	3987	CR	8950	2/3	Smile of a Child TV	TV		O
11463	NSS 9	183	3999	CR	2960	3/4	Hope Channel International	TV		O
11464	NSS 9	183	4055	CL	30000	3/4	TVWan	TV		O
11465	NSS 9	183	4055	CL	30000	3/4	Fuel TV Australia	TV		O
11466	NSS 9	183	4055	CL	30000	3/4	Premier League TV	TV		O
11467	NSS 9	183	4055	CL	30000	3/4	MTV South East Asia	TV		O
11468	NSS 9	183	4055	CL	30000	3/4	Comedy Central Asia	TV		O
11469	NSS 9	183	4055	CL	30000	3/4	Nickelodeon South East Asia	TV		O
11470	NSS 9	183	4055	CL	30000	3/4	History Asia	TV		O
11471	NSS 9	183	4055	CL	30000	3/4	H2 Asia	TV		O
11472	NSS 9	183	4055	CL	30000	3/4	Lifetime Asia	TV		O
11473	NSS 9	183	4055	CL	30000	3/4	CNN International Asia Pacific	TV		O
11474	NSS 9	183	4055	CL	30000	3/4	Crime + Investigation Network Australia	TV		O
11475	NSS 9	183	4055	CL	30000	3/4	Outdoor Channel International	TV		O
11476	NSS 9	183	4055	CL	30000	3/4	ITV Choice	TV		O
11477	NSS 9	183	4055	CL	30000	3/4	RTL CBS Entertainment	TV		O
11478	NSS 9	183	4055	CL	30000	3/4	RTL CBS Extreme	TV		O
11479	NSS 9	183	4152	CR	2127	?	PBS Kids	TV		O
11480	NSS 9	183	4163	CR	2644	3/4	BYU TV Global	TV		O