

TNTSAT HD	Nom de service	Tsid	Sid	Type	Fréq.	Polar.	Modul.	D. Symb.	FEC
1	TF1	1088	9312	HD	12.168	linear - vertical	DVB-S2	29.7	2/3
2	FRANCE 2	1088	9306	HD	12.168	linear - vertical	DVB-S2	29.7	2/3
3	FRANCE 3	1088	9309	HD	12.168	linear - vertical	DVB-S2	29.7	2/3
4	CANAL+	1076	8909	HD	11.934	linear - vertical	DVB-S2	29.7	2/3
5	FRANCE 5	1090	9008	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
6	M6	1088	9303	HD	12.168	linear - vertical	DVB-S2	29.7	2/3
7	ARTE	1074	8321	HD	11.895	linear - vertical	DVB-S2	29.7	2/3
8	C8	1090	9012	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
9	W9	1088	9304	HD	12.168	linear - vertical	DVB-S2	29.7	2/3
10	TMC	1072	8213	HD	11.856	linear - vertical	DVB-S2	29.7	2/3
11	TFX	1072	8212	HD	11.856	linear - vertical	DVB-S2	29.7	2/3
12	NRJ 12	1072	8214	HD	11.856	linear - vertical	DVB-S2	29.7	2/3
13	LCP	1090	9015	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
14	FRANCE 4	1100	8701	HD	12.402	linear - vertical	DVB-S2	29.7	2/3
15	BFM TV	1074	8301	HD	11.895	linear - vertical	DVB-S2	29.7	2/3
16	CNEWS	1090	9014	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
17	CSTAR	1090	9013	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
18	GULLI	1074	8323	HD	11.895	linear - vertical	DVB-S2	29.7	2/3
19	FRANCE O	1074	8322	HD	11.895	linear - vertical	DVB-S2	29.7	2/3
20	TF1 SERIES FILMS	1090	9003	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
21	L'EQUIPE	1074	8310	HD	11.895	linear - vertical	DVB-S2	29.7	2/3
22	6TER	1070	8011	HD	11.817	linear - vertical	DVB-S2	29.7	2/3
23	NUMERO 23	1074	8309	HD	11.895	linear - vertical	DVB-S2	29.7	2/3
24	RMC DECOUVERTE	1026	10079	HD	11.597	linear - vertical	DVB-S	22	5/6
25	CHERIE 25	1108	12140	HD	12.55150	linear - vertical	DVB-S	22	5/6
26	LCI	1090	9009	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
27	FRANCEINFO:	1070	8005	HD	11.817	linear - vertical	DVB-S2	29.7	2/3
31	PARIS PREMIERE	1090	9004	HD	12.207	linear - vertical	DVB-S2	29.7	2/3
32	CANAL+ SPORT	1080	8804	HD	12.012	linear - vertical	DVB-S2	29.7	2/3
33	CANAL+	1080	8801	HD	12.012	linear - vertical	DVB-S2	29.7	2/3
40	FRANCE 24	1022	6905	SD	11.538	linear - horizontal	DVB-S	22	5/6
41	EURONEWS	1091	31220	SD	12.22650	linear - horizontal	DVB-S	27.5	3/4
42	TV5 MONDE	1086	9910	HD	12.129	linear - vertical	DVB-S2	29.7	2/3
100	FRANCE CULTURE	1098	9158	HD	12.363	linear - vertical	DVB-S	27.5	3/4
101	FRANCE MUSIQUE	1098	9154	HD	12.363	linear - vertical	DVB-S	27.5	3/4
102	FIP	1098	9155	HD	12.363	linear - vertical	DVB-S	27.5	3/4
103	FRANCE INFO	1098	9156	HD	12.363	linear - vertical	DVB-S	27.5	3/4
104	FRANCE INTER	1098	9157	HD	12.363	linear - vertical	DVB-S	27.5	3/4
105	FRANCE BLEU	1098	9159	HD	12.363	linear - vertical	DVB-S	27.5	3/4
106	MOUV'	1098	9153	HD	12.363	linear - vertical	DVB-S	27.5	3/4
108	RFI INTERNAT	1098	9163	HD	12.363	linear - vertical	DVB-S	27.5	3/4
110	EUROPE 1	1098	9166	HD	12.363	linear - vertical	DVB-S	27.5	3/4
111	VIRGIN RADIO	1098	9184	HD	12.363	linear - vertical	DVB-S	27.5	3/4
112	RFM	1098	9183	HD	12.363	linear - vertical	DVB-S	27.5	3/4
113	RTL	1098	9165	HD	12.363	linear - vertical	DVB-S	27.5	3/4
114	RTL2	1098	9186	HD	12.363	linear - vertical	DVB-S	27.5	3/4
115	FUN RADIO	1098	9140	HD	12.363	linear - vertical	DVB-S	27.5	3/4
117	NRJ	1098	9182	HD	12.363	linear - vertical	DVB-S	27.5	3/4
118	CHERIE FM	1098	9185	HD	12.363	linear - vertical	DVB-S	27.5	3/4
119	RIRE & CHANSONS	1098	9168	HD	12.363	linear - vertical	DVB-S	27.5	3/4
120	NOSTALGIE	1098	9181	HD	12.363	linear - vertical	DVB-S	27.5	3/4
121	RMC	1098	9167	HD	12.363	linear - vertical	DVB-S	27.5	3/4
122	BFM BUSINESS	1098	9111	HD	12.363	linear - vertical	DVB-S	27.5	3/4
123	SUD RADIO	1098	9109	HD	12.363	linear - vertical	DVB-S	27.5	3/4
124	TSF JAZZ	1098	9175	HD	12.363	linear - vertical	DVB-S	27.5	3/4
125	NOVA	1098	9178	HD	12.363	linear - vertical	DVB-S	27.5	3/4
126	RADIO FG	1098	9179	HD	12.363	linear - vertical	DVB-S	27.5	3/4
128	CONTACT FM	1098	9180	HD	12.363	linear - vertical	DVB-S	27.5	3/4
130	JAZZ RADIO	1098	9177	HD	12.363	linear - vertical	DVB-S	27.5	3/4
131	SKYROCK	1098	9187	HD	12.363	linear - vertical	DVB-S	27.5	3/4

TNTSAT HD	Nom de service	Tsid	Sid	Type	Fréq.	Polar.	Modul.	D. Symb.	FEC
132	RADIO CLASSIQUE	1098	9164	HD	12.363	linear - vertical	DVB-S	27.5	3/4
134	OUI FM	1098	9176	HD	12.363	linear - vertical	DVB-S	27.5	3/4
137	RADIO NOTRE DAME	1098	9194	HD	12.363	linear - vertical	DVB-S	27.5	3/4
140	BEUR FM	1098	9198	HD	12.363	linear - vertical	DVB-S	27.5	3/4
143	BBCW SERVICE	1098	9142	HD	12.363	linear - vertical	DVB-S	27.5	3/4
144	BBC ARABIC	1098	9143	HD	12.363	linear - vertical	DVB-S	27.5	3/4
301	F3 ALPES	1120	9808	SD	12.72850	linear - vertical	DVB-S2	22	2/3
302	F3 ALSACE	1120	9810	SD	12.72850	linear - vertical	DVB-S2	22	2/3
303	F3 AQUITAINE	1120	9815	SD	12.72850	linear - vertical	DVB-S2	22	2/3
304	F3 AUVERGNE	1120	9816	SD	12.72850	linear - vertical	DVB-S2	22	2/3
305	F3 BNORMANDIE	1120	9801	SD	12.72850	linear - vertical	DVB-S2	22	2/3
306	F3 BOURGOGNE	1120	9805	SD	12.72850	linear - vertical	DVB-S2	22	2/3
307	F3 BRETAGNE	1120	9817	SD	12.72850	linear - vertical	DVB-S2	22	2/3
308	F3 CENTRE	1120	9804	SD	12.72850	linear - vertical	DVB-S2	22	2/3
309	F3 CHAMP ARDENNE	1120	9807	SD	12.72850	linear - vertical	DVB-S2	22	2/3
310	F3 CORSEVIATELLA	1120	9812	SD	12.72850	linear - vertical	DVB-S2	22	2/3
311	F3 COTE D'AZUR	1120	9803	SD	12.72850	linear - vertical	DVB-S2	22	2/3
312	F3 FRANCHE COMTE	1120	9824	SD	12.72850	linear - vertical	DVB-S2	22	2/3
313	F3 HNORMANDIE	1120	9814	SD	12.72850	linear - vertical	DVB-S2	22	2/3
314	F3 LANGUEDOCROU	1120	9811	SD	12.72850	linear - vertical	DVB-S2	22	2/3
315	F3 LIMOUSIN	1120	9818	SD	12.72850	linear - vertical	DVB-S2	22	2/3
316	F3 LORRAINE	1120	9819	SD	12.72850	linear - vertical	DVB-S2	22	2/3
317	F3 MIDI PYRENEES	1120	9820	SD	12.72850	linear - vertical	DVB-S2	22	2/3
318	F3 NORD PDC	1120	9809	SD	12.72850	linear - vertical	DVB-S2	22	2/3
319	F3 PARIS IDF	1120	9821	SD	12.72850	linear - vertical	DVB-S2	22	2/3
320	F3 PAYS DE LOIRE	1120	9802	SD	12.72850	linear - vertical	DVB-S2	22	2/3
321	F3 PICARDIE	1120	9822	SD	12.72850	linear - vertical	DVB-S2	22	2/3
322	F3 POITOUCHAR	1120	9806	SD	12.72850	linear - vertical	DVB-S2	22	2/3
323	F3 PROV ALPES	1120	9813	SD	12.72850	linear - vertical	DVB-S2	22	2/3
324	F3 RHONE ALPES	1120	9823	SD	12.72850	linear - vertical	DVB-S2	22	2/3
CLAIR	AL JAZEERA ARABE	1020	7009	SD	11.50850	linear - vertical	DVB-S	22	5/6
CLAIR	FRANCE 24 ARABE	1022	6910	SD	11.538	linear - vertical	DVB-S	22	5/6
CLAIR	CANAL ALGERIE	1026	10083	SD	11.597	linear - vertical	DVB-S	22	5/6
CLAIR	ALGERIE 3	1026	10082	SD	11.597	linear - vertical	DVB-S	22	5/6
CLAIR	FRANCE 24 ENG	1022	6906	SD	11.538	linear - vertical	DVB-S	22	5/6
CLAIR	AL JAZEERA ENG	1002	5031	HD	11.229	linear - vertical	DVB-S2	22	2/3
CLAIR	SKY NEWS	1111	7290	SD	12.60375	linear - horizontal	DVB-S	22	5/6
CLAIR	TV RECORD	1040	31301	SD	11.06750	linear - vertical	DVB-S	22	5/6
CLAIR	TELESUR	1040	31304	SD	11.06750	linear - vertical	DVB-S	22	5/6
CLAIR	TVE INTERNATIONAL	1028	4401	SD	11.62650	linear - vertical	DVB-S	22	5/6
CLAIR	24 HORAS	1028	4402	SD	11.62650	linear - vertical	DVB-S	22	5/6
CLAIR	ANDALUCIA TV	1046	30505	SD	11.156	linear - vertical	DVB-S	22	5/6
CLAIR	TV GALICIA	1040	31306	SD	11.06750	linear - vertical	DVB-S	22	5/6
CLAIR	CUBA VISION	1020	7008	SD	11.50850	linear - vertical	DVB-S	22	5/6
CLAIR	BVN	1048	4320	SD	11.18550	linear - vertical	DVB-S	22	5/6
CLAIR	DEUTSCHE WELLE	1028	4430	SD	11.62650	linear - vertical	DVB-S	22	5/6
CLAIR	RTL TELEVISION	1089	12003	SD	12.18750	linear - horizontal	DVB-S	27.5	3/4
CLAIR	RTL 2	1089	12020	SD	12.18750	linear - horizontal	DVB-S	27.5	3/4
CLAIR	SUPER RTL	1089	12040	SD	12.18750	linear - horizontal	DVB-S	27.5	3/4
CLAIR	DAS ERSTE	1019	10301	HD	11.49375	linear - horizontal	DVB-S2	22	2/3
CLAIR	TAGESSCHAU 24	1039	10375	HD	11.05275	linear - horizontal	DVB-S2	22	2/3
CLAIR	ONE	1039	10376	HD	11.05275	linear - horizontal	DVB-S2	22	2/3
CLAIR	BAYERISCHES FS	1025	10325	HD	11.58225	linear - horizontal	DVB-S2	22	2/3
CLAIR	BR ALPHA	1093	28487	SD	12.26550	linear - horizontal	DVB-S	27.5	3/4
CLAIR	RBB BERLIN	1061	10351	HD	10.89125	linear - horizontal	DVB-S2	22	2/3
CLAIR	HR FERNSEHEN	1061	10355	HD	10.89125	linear - horizontal	DVB-S2	22	2/3
CLAIR	MDR FERNSEHEN	1061	10353	HD	10.89125	linear - horizontal	DVB-S2	22	2/3
CLAIR	NDR	1025	10327	HD	11.58225	linear - horizontal	DVB-S2	22	2/3
CLAIR	RBB BRANDENBURG	1073	28205	SD	12.10950	linear - horizontal	DVB-S	27.5	3/4
CLAIR	PHOENIX	1025	10331	HD	11.58225	linear - horizontal	DVB-S2	22	2/3

TNTSAT HD	Nom de service	Tsid	Sid	Type	Fréq.	Polar.	Modul.	D. Symb.	FEC
CLAIR	SR FERNSEHEN	1039	10378	HD	11.05275	linear - horizontal	DVB-S2	22	2/3
CLAIR	WDR	1201	28325	HD	12.42150	linear - horizontal	DVB-S	27.5	3/4
CLAIR	3 SAT	1010	11150	HD	11.347	linear - vertical	DVB-S2	22	2/3
CLAIR	KIKA	1010	11160	HD	11.347	linear - vertical	DVB-S2	22	2/3
CLAIR	ARTE ALLEMAND	1019	10302	HD	11.49375	linear - horizontal	DVB-S2	22	2/3
CLAIR	EURONEWS ALL	1091	31230	SD	12.22650	linear - horizontal	DVB-S	27.5	3/4
CLAIR	ZDF INFO	1010	11170	HD	11.347	linear - vertical	DVB-S2	22	2/3
CLAIR	ZDF NEO	1011	11130	HD	11.36175	linear - horizontal	DVB-S2	22	2/3
CLAIR	SPORT 1	33	900	SD	12.480	linear - vertical	DVB-S	27.5	3/4
CLAIR	KABEL 1	1107	17502	SD	12.54475	linear - horizontal	DVB-S	22	5/6
CLAIR	SIXX	1107	17504	SD	12.54475	linear - horizontal	DVB-S	22	5/6
CLAIR	N24	1107	17503	SD	12.54475	linear - horizontal	DVB-S	22	5/6
CLAIR	SAT 1	1107	17500	SD	12.54475	linear - horizontal	DVB-S	22	5/6
CLAIR	PRO SIEBEN	1107	17501	SD	12.54475	linear - horizontal	DVB-S	22	5/6
CLAIR	VOX	1089	12060	SD	12.18750	linear - horizontal	DVB-S	27.5	3/4
CLAIR	N-TV	1089	12090	SD	12.18750	linear - horizontal	DVB-S	27.5	3/4
CLAIR	TELE 5	33	51	SD	12.480	linear - vertical	DVB-S	27.5	3/4
CLAIR	SONNENKLAR	33	32	SD	12.480	linear - vertical	DVB-S	27.5	3/4
CLAIR	VIVA	1078	28676	SD	11.973	linear - vertical	DVB-S	27.5	3/4
CLAIR	SONLIFE	1026	10080	SD	11.597	linear - vertical	DVB-S	22	5/6
CLAIR	GOD TV	7	774	SD	12.14850	linear - horizontal	DVB-S	27.5	3/4
CLAIR	EWTN	5	62	SD	12.46050	linear - horizontal	DVB-S	27.5	3/4
CLAIR	TV TRWAM	1048	4310	SD	11.18550	linear - vertical	DVB-S	22	5/6
CLAIR	CGTN DOCUMENTARY	1022	6912	SD	11.538	linear - vertical	DVB-S	22	5/6
CLAIR	CGTN	1022	6914	SD	11.538	linear - vertical	DVB-S	22	5/6
CLAIR	CGTN FRANCAIS	1022	6913	SD	11.538	linear - vertical	DVB-S	22	5/6
CLAIR	ARIRANG TV	1020	7011	SD	11.50850	linear - vertical	DVB-S	22	5/6
CLAIR	NHK WORLD-JAPAN	1002	5021	HD	11.229	linear - vertical	DVB-S2	22	2/3
CLAIR	TRT TURK	1027	5113	SD	11.61175	linear - horizontal	DVB-S	22	5/6
CLAIR	TRT WORLD	1022	6918	HD	11.538	linear - vertical	DVB-S	22	5/6