

PP	Sender	Frequenz	Pol	S/R	FEC	Mod.-Art	Transponder
1	Das Erste HD	11494	H	22000	2/3	S2-8PSK	19#
2	ZDF HD	11362	H	22000	2/3	S2-8PSK	11#
3	MDR Sachsen HD	10891	H	22000	2/3	S2-8PSK	61#
4	Sat.1	12545	H	22000	5/6	QPSK	107
	Sat.1 HD (HD+)	11464	H	22000	2/3	S2-8PSK	17 #
5	RTL Television	12188	H	27500	3/4	QPSK	89
	RTL Television HD (HD+)	10832	H	22000	2/3	S2-8PSK	57 #
6	RTL ZWEI	12188	H	27500	3/4	QPSK	89
	RTL ZWEI HD (HD+)	10832	H	22000	2/3	S2-8PSK	57
7	ProSieben	12545	H	22000	5/6	QPSK	107
	ProSieben HD (HD+)	11464	H	22000	2/3	S2-8PSK	17
8	kabel eins	12545	H	22000	5/6	QPSK	107
	kabel eins HD (HD+)	11464	H	22000	2/3	S2-8PSK	17
9	VOX	12188	H	27500	3/4	QPSK	89
	VOX HD (HD+)	10832	H	22000	2/3	S2-8PSK	57
10	Tele 5	12480	V	27500	3/4	QPSK	104
	Tele 5 HD (HD+)	12574	H	22000	2/3	S2-8PSK	109#
11	NITRO	12188	H	27500	3/4	QPSK	89
	NITRO HD (HD+)	11082	H	22000	3/4	S2-8PSK	41 #
12	DMAX	12480	V	27500	3/4	QPSK	104
	DMAX HD (HD+)	12574	H	22000	2/3	S2-8PSK	109
13	hr-fernsehen HD	10891	H	22000	2/3	S2-8PSK	61
14	rbb Brandenburg HD	10891	H	22000	2/3	S2-8PSK	61
15	NDR FS MV HD	11582	H	22000	2/3	S2-8PSK	25#
16	WDR Köln HD	11523	H	22000	2/3	S2-8PSK	21#
17	SWR RP HD	11494	H	22000	2/3	S2-8PSK	19
18	MDR S-Anhalt HD	10891	H	22000	2/3	S2-8PSK	61
19	BR Fernsehen Nord HD	11582	H	22000	2/3	S2-8PSK	25
20	DF 1 HD	11302	H	22000	2/3	S2-8PSK	7
21	Eurosport 1 Deutschland	12226	H	27500	3/4	QPSK	91
	Eurosport 1 HD (HD+)	11112	H	22000	2/3	S2-8PSK	43
22	Sport1	12480	V	27500	3/4	QPSK	104
	Sport1 HD (HD+)	10803	H	22000	3/4	S2-8PSK	55 #
23	ntv	12188	H	27500	3/4	QPSK	89
	ntv HD (HD+)	10832	H	22000	2/3	S2-8PSK	57
24	Welt	12545	H	22000	5/6	QPSK	107
	Welt HD (HD+)	10773	H	22000	3/4	S2-8PSK	53 #
25	EURONEWS GERMAN SD	11377	V	22000	2/3	S2-8PSK	12
26	arte HD	11494	H	22000	2/3	S2-8PSK	19
27	3sat HD	11347	V	22000	2/3	S2-8PSK	10#
28	phoenix HD	11582	H	22000	2/3	S2-8PSK	25
29	ARD-alpha HD	11053	H	22000	2/3	S2-8PSK	39
30	tagesschau24 HD	11053	H	22000	2/3	S2-8PSK	39#
31	ONE HD	11053	H	22000	2/3	S2-8PSK	39
32	ZDF info HD	11347	V	22000	3/4	S2-8PSK	10
33	ZDF neo HD	11362	H	22000	2/3	S2-8PSK	11#
34	KiKa HD	11347	V	22000	3/4	S2-8PSK	10
35	SUPER RTL	12188	H	27500	3/4	QPSK	89
	SUPER RTL HD (HD+)	11082	H	22000	3/4	S2-8PSK	41
36	TOGGO plus	12188	H	2750	3/4	QPSK	89
37	Disney Channel	12460	H	27500	3/4	QPSK	103
	Disney Channel HD (HD+)	10803	H	22000	3/4	S2-8PSK	55
38	Nick / CC+1	11973	V	27500	3/4	QPSK	78
39	RiC	11302	H	22000	2/3	S2-8PSK	7
40	Comedy Central HD (HD+)	11973	V	27500	3/4	QPSK	78
41	Sat.1 Gold	12545	H	22000	5/6	QPSK	107
	Sat.1 Gold HD (HD+)	11112	H	22000	2/3	S2-8PSK	43#
42	RTLup	12188	H	27500	3/4	QPSK	89
	RTLup HD (HD+)	10832	H	22000	2/3	S2-8PSK	57
43	Pro7 Maxx	12545	H	22000	5/6	QPSK	107
	Pro7 Maxx HD (HD+)	11464	H	22000	2/3	S2-8PSK	17

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44	VOXup	12226	H	27500	3/4	QPSK	91
	VOXup HD (HD+)	10832	H	22000	2/3	S2-8PSK	57
45	SIXX	12460	H	27500	3/4	QPSK	103
	SIXX HD (HD+)	11464	H	22000	2/3	S2-8PSK	17
46	TLC	12460	H	27500	3/4	QPSK	103
	TLC HD (HD+)	10964	H	22000	2/3	S2-8PSK	33 #
47	Serien +	12611	V	2200	3/4	S2-8PSK	112
	Serien + HD (HD+)	12669	V	23500	3/4	S2-8PSK	116
48	Crime Time	12611	V	2200	3/4	S2-8PSK	112
	Crime Time HD (HD+)	12669	V	23500	3/4	S2-8PSK	116
49	kabel eins Doku	12545	H	22000	5/6	QPSK	107
	kabel eins Doku HD (HD+)	11464	H	22000	2/3	S2-8PSK	17
50	N24 DOKU	12460	H	27500	3/4	QPSK	103#
51	xplore	12611	V	2200	3/4	S2-8PSK	112
	xplore HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
52	Hip Trips	12611	V	2200	3/4	S2-8PSK	112
	Hip Trips (HD+)	12640	V	23500	3/4	S2-8PSK	114
53	One Terra	12611	V	2200	3/4	S2-8PSK	112
	One Terra HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
54	Red Adventure	12699	V	23500	3/4	S2-8PSK	118
	Red Adventure HD (HD+)	12669	V	23500	3/4	S2-8PSK	116
55	Sachsen Eins	11068	V	22000	5/6	QPSK	40
56	a.TV HD	11552	H	22000	2/3	S2-8PSK	23
57	Baden TV	12480	V	27500	3/4	QPSK	104
58	Franken Plus HD	11552	H	22000	2/3	S2-8PSK	23
59	münchen.tv HD	11552	H	22000	2/3	S2-8PSK	23
60	L-TV	12663	H	22000	5/6	QPSK	115
61	NIEDERBAYERN TV HD	11552	H	22000	2/3	S2-8PSK	23
62	OTVA HD	11552	H	22000	2/3	S2-8PSK	23
63	rhein main tv	12633	H	22000	5/6	QPSK	115
64	tv.ingolstadt HD	11552	H	22000	2/3	S2-8PSK	23
65	REGIO TV	12480	V	27500	3/4	QPSK	104
66	Kurier TV	11244	H	22000	5/6	QPSK	3
67	krone TV	11273	H	22000	2/3	S2-8PSK	5
68	LT1-OOE (MPEG4)	12663	H	22000	5/6	QPSK	115
69	oe24.TV HD	11273	H	22000	2/3	S2-8PSK	5
70	ORF 2E	12692	H	22000	5/6	QPSK	117
71	R9 Österreich HD	11273	H	22000	2/3	S2-8PSK	5
72	TV1 OOE	12663	H	22000	5/6	QPSK	115
73	MTV	11973	V	27500	3/4	QPSK	78
	MTV HD (HD+)	10964	H	22000	2/3	S2-8PSK	33
74	Deluxe Music	12148	H	27500	3/4	QPSK	87
	DELUXE MUSIC HD (HD+)	10803	H	22000	3/4	S2-8PSK	55
75	Deluxe Dance	12611	V	2200	3/4	S2-8PSK	112
	DELUXE Dance HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
76	Deluxe Flashback	12611	V	2200	3/4	S2-8PSK	112
	DELUXE Flashback HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
77	Deluxe Rap	12611	V	2200	3/4	S2-8PSK	112
	DELUXE Rap HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
78	Deluxe Rock	12611	V	2200	3/4	S2-8PSK	112
	DELUXE Rock HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
79	Deluxe Lounge	12611	V	2200	3/4	S2-8PSK	112
	DELUXE LOUNGE HD (HD+)	12669	V	23500	3/4	S2-8PSK	116
80	Schlager Deluxe	10921	H	22000	7/8	QPSK	63
81	Deutsch.Musik Fernsehen	12633	H	22000	5/6	QPSK	115
82	Stimmungsgarten TV	11273	H	22000	2/3	S2-8PSK	5
83	FOLX MUSIC TELEVISION	12148	H	27500	3/4	QPSK	87
84	Melodie TV neu	11273	H	22000	2/3	S2-8PSK	5
85	Mei Musi TV	12692	H	22000	5/6	QPSK	117

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86	Volksmusik. TV	12692	H	22000	5/6	QPSK	117
87	Volksmusik	11273	H	22000	2/3	S2-8PSK	5
88	ANIXE HD	10773	H	22000	3/4	S2-8PSK	53
89	ANIXE+	12460	H	27500	3/4	QPSK	103
90	Aristo.TV	11273	H	22000	2/3	S2-8PSK	5
91	Astro TV HD	12663	H	22000	5/6	QPSK	115
92	HGTV(HOME & GARDEN)	10921	H	22000	7/8	QPSK	63
93	Just Fishing	12611	V	2200	3/4	S2-8PSK	112
	Just Fishing (HD+)	12669	V	23500	3/4	S2-8PSK	116
94	Just Cooking	12611	V	2200	3/4	S2-8PSK	112
	Just Cooking HD (HD+)	12640	V	23500	3/4	S2-8PSK	114
95	Lilo TV	12633	H	22000	5/6	QPSK	115
96	Wir24.TV	12692	H	22000	5/6	QPSK	117
97	Bibel TV HD	11244	H	22000	5/6	S-QPSK	3
98	Die neue Zeit	11421	H	22000	5/6	QPSK	15
99	K-TV	12633	H	22000	5/6	QPSK	115
100	sonnenklar.TV HD	12574	H	22000	2/3	S2-8PSK	109
101	QVC HD	10773	H	22000	3/4	S2-8PSK	53
102	QVC ZWEI HD	10803	H	22000	3/4	S2-8PSK	55
103	QVC StYLE HD	10964	H	22000	2/3	S2-8PSK	33
104	HSE HD	10773	H	22000	3/4	S2-8PSK	53
105	HSE Extra HD	10803	H	22000	3/4	S2-8PSK	55
106	HSE TREND	12480	V	27500	3/4	QPSK	104
107	1-2-3.tv HD	10803	H	22000	3/4	S2-8PSK	55
108	Juwelo HD	12574	H	22000	2/3	S2-8PSK	109
109	Channel21 HD	10964	H	22000	2/3	S2-8PSK	33
110	pearl.tv HD Shop	12574	H	22000	2/3	S2-8PSK	109
111	ShopLC HD	10772	H	22000	3/4	S2-8PSK	107
112	Handystar TV HD	10964	H	22000	2/3	S2-8PSK	33
113	Insight TV HD (HD+)	11229	V	22000	2/3	S2-8PSK	2 #
114	Pro7Sat1 UHD (HD+)	10994	H	22000	5/6	S2-8PSK	35 #
115	RTL UHD (HD+)	11391	H	22000	5/6	QPSK	13 #
116	UHD1 (HD+)	10994	H	22000	5/6	S2-8PSK	35 #
117	QVC UHD	11288	V	22000	2/3	S2-8PSK	6
118	QVC Zwei UHD	12344	H	30000	2/3	S2-8PSK	97