

Annex 1: Measurement Equipment

No.	Type	Ident-No.
1	Test Receiver R&S ESVP	BAPT6028197
2	Spectrum Analyzer R&S FSIQ	s/n 1119.5005.13
3	Spectrum Analyzer R&S FSP	s/n 100093
4	Realtime Spectrum Analyzer Tektronix RSA 6114A	Inv.-no. 24971-0000
5	Deviation Measurement R&S FAB	s/n 870724/111
6	RF Power Meter R&S NRVS	s/n 1020.1809.02
7	RF Power Probe R&S NRV-Z 51	s/n 80030127/001
8	Digital Multimeter Fluke 75	-
9	Light beam measurement instrument Gossen 200 μ A/1kOhm	s/n 33387B
10	Psophometer R&S UPDR	s/n 870553/52
11	Rx/Tx Tester R&S CMS48	BAPT 5016627
12	Network Alalyzer HP3577A	Inv.-No. 38462D
13	Signal Generator R&S SME03	s/n 1038.6002.03
14	Vector Signal Generator R&S SMU200A	s/n 102413
15	Signal Generator HP 8640B	-
16	Signal Generator HP 8640B	-
17	Signal Generator R&S SMH	s/n 829570/010
18	Signal Generator Tektronix AFG3252	
19	Noise Generator Wandel&Goldermann RG-1	
20	Noise Generator Wandel&Goldermann RG-32	s/n 310020
21	D/A-A/D Converter Card 24 Bit 200 kHz National Instruments NI4461	-
22	Stereo Coder R&S GC003	s/n 881610/014
23	Stereo Coder R&S MSC BN4192	M/119 720
24	Audio Processor Orban Optimod FM8200	Inv.-No. 7747
25	FM Transmitter 50W R&S SU155	F-no. 874247/016
26	HD-Radio Exporter Broadcast Electronics FSI-10 (s/w version 2.2.5)	s/n 8016633-002
27	FM/HD Radio Exiter Broadcast Electronics Fxi-250 (s/w version 2.21.30)	s/n 8016633-001
28	D/A-A/D Converter Card 24 Bit 200 kHz National Instruments NI4461	-
29	DRM+ Modulator / Mixer Board	(self made)
30	RF Amplifier 30 dB Kalmus Model 102	s/n 051894-1
31	RF Amplifier 30 dB Kalmus Model 102	s/n 051894-2
32	RF Amplifier 30 dB Kalmus Model 102	s/n 051894-3
33	RF Amplifier 10W R&S HVV10	s/n 831300/010
34	RF Amplifier Mini Circuits ZHL-100W-52	-
35	RF Amplifier SBS-PA1000	-

No.	Type	Ident-No.
36	Variable notch filter Sinclair FR20207	-
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38	Variable notch filter Sinclair FR20207	-
39	Texscan Bandpass 5VF75/150-1-50-AA	BAPT5005419
40	Texscan Bandpass 5VF75/150-1-50-AA	BAPT5012403
41	High pass filter 230 MHz Wainwright	BAPT 5013272
42	4-cavity band pass filter RVR 1 MHz	-
43	Notch Filter Kathrein 717756	Inv. PC882004320
44	Coloured Noise Filter according to ITU-R BS.468	(self-made)
46	15 kHz Audio low pass filter according to ITU-R BS.641 (19kHz suppression)	(self-made)
47	Variable Attenuator R&S RSP	s/n 831.3515.02
48	Variable Attenuator R&S RSG	s/n 1009.4505.02
49	Variable attenuator Agilent 8496B	s/n NY42143859
50	Variable attenuator Agilent 8494B	s/n NY42146365
51	Variable Attenuator (50 dB) Spinner	BAPT 5020066
52	Variable Attenuator (80 dB) Texscan BMA570	s/n 7651
53	Dummy Load Microset CF300	s/n 0606009
54	20 dB 11W attenuation Radial	BAPT5020033
55	10 dB / 50W Attenuation Spinner BN 745363	D13929
56	6 dB Attenuator Radial R 414706000	-
57	30 dB Attenuator R&S RBU	s/n 300731/21
		-
58	Directional Bridge Agilent 8721 A	-
59	Directional Bridge Agilent 8721 A	-
60	Directional Bridge Agilent 8721 A	-
61	4-way Coupler R&S	BAPT5013229
62	Power Splitter 3 dB Mini Circuits ZFD-2-1W+	BF936200702
63	Power Splitter 3 dB Mini Circuits ZFD-2-1W+	BCPQ3000618
64	Impedance Converter 50/75 Ohm Mini Circuits BMP-5075	s/n Y 7754200641
65	Laptop Computer IBM Thinkpad / Windows XP professional	RegTP11006963
66	RDS Coder RE Technology RE532	s/n 395018
67	RDS data to RS232 Converter	(self-made)
68	PC with Franken RDS evaluation software	-
69	FM Transmitter 100W ITELCO T212	s/n 96140377

