

**CFR 47 FCC PART 2
CFR 47 FCC PART 22 H
CFR 47 FCC PART 24 E
CFR 47 FCC PART 27
CFR 47 FCC PART 90S
RSS-132, RSS-133, RSS-139, RSS-192, RSS-199**

TEST REPORT

For

Acer Connect 5G Mobile Wi-Fi

MODEL NUMBER: M6E

REPORT NUMBER: 4791517585.3-1-RF-3

ISSUE DATE: February 24, 2025

**FCC ID: HLZM6E
IC: 1754F-M6E**

Prepared for

**Acer Incorporated
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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	February 24, 2025	Initial Issue	\

Note:

1.This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

2. The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 22 H >< CFR 47 FCC PART 24 E>< CFR 47 FCC PART 27 >< CFR 47 FCC PART 90S > when < Simple Acceptance > decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Acer Incorporated
Address: 8F, 88, Sec. 1, Xintai 5th Rd. Xizhi New Taipei City 221 Taiwan

Manufacturer Information

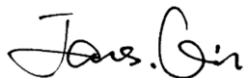
Company Name: Acer Incorporated
Address: 8F, 88, Sec. 1, Xintai 5th Rd. Xizhi New Taipei City 221 Taiwan

EUT Information

EUT Name: Acer Connect 5G Mobile Wi-Fi
Model: M6E
Brand: ACER
Sample Received Date: October 17, 2024
Sample Status: Normal
Sample ID: 7722525
Date of Tested: November 11, 2024 ~ February 18, 2025

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 22 H	PASS
CFR 47 FCC PART 24 E	PASS
CFR 47 FCC PART 27	PASS
CFR 47 FCC PART 90S	PASS
CFR 47 FCC PART 96	PASS
RSS-132, RSS-133, RSS-139, RSS-192, RSS-199	PASS

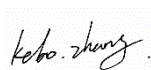
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Project Engineer

Checked By:

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Kebo Zhang

Senior Project Engineer

Approved By:

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Stephen Guo

Operations Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.26-2015, 971168 D01 Power Meas License Digital Systems v03r01, 971168 D02 Misc Rev Approv License Devices v02r01, 412172 D01 v01r01 Determining ERP and EIRP, CFR 47 FCC Part 2, Part 22 H, Part 24 E, Part 27, Part 96, RSS-132, RSS-133, RSS-139, RSS-192, RSS-199.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20192 and R-20202. Shielding Room B, the VCCI registration No. is C-20153 and T-20155.
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Note 1: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

Note 2: The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3: For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognize national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz)	5.78 dB (1 GHz-18 GHz)
	5.23dB (18 GHz-26 GHz)
	5.64 dB (26 GHz-40 GHz)
Bandwidth	1.1 %
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name:	Acer Connect 5G Mobile Wi-Fi
Model:	M6E

5.2. TEST CHANNEL CONFIGURATION

General note: when the box in the leftmost column marked with “√” means the corresponding bandwidth is supported, otherwise, it is not supported.

5.2.1. Reference test frequencies for NR operating band n5

Test frequencies for NR operating band n2 and SCS 15 kHz

Supported Bandwidth	CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☑	5	Downlink	Low	1932.5	386500
			Mid	1960	392000
			High	1987.5	397500
		Uplink	Low	1852.5	370500
			Mid	1880	376000
			High	1907.5	381500
☑	10	Downlink	Low	1935	387000
			Mid	1960	392000
			High	1985	397000
		Uplink	Low	1855	371000
			Mid	1880	376000
			High	1905	381000
☑	15	Downlink	Low	1937.5	387500
			Mid	1960	392000
			High	1982.5	396500
		Uplink	Low	1857.5	371500
			Mid	1880	376000
			High	1902.5	380500
☑	20	Downlink	Low	1940	388000
			Mid	1960	392000
			High	1980	396000
		Uplink	Low	1860	372000
			Mid	1880	376000
			High	1900	380000

Test frequencies for NR operating band n5 and SCS 15 kHz

Supported Bandwidth	CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☐	5	Downlink	Low	871.5	174300
			Mid	881.5	176300
			High	891.5	178300
		Uplink	Low	826.5	165300
			Mid	836.5	167300
			High	846.5	169300
☒	10	Downlink	Low	874	174800
			Mid	881.5	176300
			High	889	177800
		Uplink	Low	829	165800
			Mid	836.5	167300
			High	844	168800
☒	15	Downlink	Low	876.5	175300
			Mid	881.5	176300
			High	886.5	177300
		Uplink	Low	831.5	166300
			Mid	836.5	167300
			High	841.5	168300
☒	20	Downlink	Low	879	175800
			Mid	881.5	176300
			High	884	176800
		Uplink	Low	834	166800
			Mid	836.5	167300
			High	839	167800

5.2.2. Reference test frequencies for NR operating band n7

Test frequencies for NR operating band n7 and SCS 15 kHz

Supported Bandwidth	CBW [MHz]	Range	Carrier centre [MHz]	Carrier centre [ARFCN]
☒	5	Downlink	Low	2622.5
			Mid	2655
			High	2687.5
		Uplink	Low	2502.5
			Mid	2535
			High	2567.5
☒	10	Downlink	Low	2625
			Mid	2655
			High	2685
		Uplink	Low	2505
			Mid	2535
			High	2565
☒	15	Downlink	Low	2627.5
			Mid	2655
			High	2682.5
		Uplink	Low	2507.5
			Mid	2535
			High	2562.5
☒	40	Downlink	Low	2640
			Mid	2655
			High	2670
		Uplink	Low	2520
			Mid	2535
			High	2550

5.2.3. Reference test frequencies for NR operating band n38

Test frequencies for NR operating band n38 and SCS 30 kHz

Supported Bandwidth	Bandwidth [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☒	10	Downlink & Uplink	Low	2575	515000
			Mid	2595	519000
			High	2615	523000
☒	15	Downlink & Uplink	Low	2577.5	515500
			Mid	2595	519000
			High	2612.5	522500
☒	20	Downlink & Uplink	Low	2580	516000
			Mid	2595	519000
			High	2610	522000
☒	30	Downlink & Uplink	Low	2585	517000
			Mid	2595	519000
			High	2605	521000
☒	40	Downlink & Uplink	Low	2590	518000
			Mid	2595	519000
			High	2600	520000

5.2.4. Reference test frequencies for NR operating band n41

Test frequencies for NR operating band n41 and SCS 30 kHz

Supported Bandwidth	Bandwidth [MHz]	Range	Carrier centre [MHz]	Carrier centre [ARFCN]
☑	10	Downlink & Uplink	Low	2501.01
			Mid	2592.99
			High	2685
☑	15	Downlink & Uplink	Low	2503.5
			Mid	2592.99
			High	2682.48
☑	20	Downlink & Uplink	Low	2506.02
			Mid	2592.99
			High	2679.99
☑	30	Downlink & Uplink	Low	2511
			Mid	2592.99
			High	2674.98
☑	40	Downlink & Uplink	Low	2516.01
			Mid	2592.99
			High	2670
☑	50	Downlink & Uplink	Low	2521.02
			Mid	2592.99
			High	2664.99
☑	60	Downlink & Uplink	Low	2526
			Mid	2592.99
			High	2659.98
☑	70	Downlink & Uplink	Low	2536.02
			Mid	2592.99
			High	2649.99
☑	80	Downlink & Uplink	Low	2536.02
			Mid	2592.99
			High	2649.99
☑	90	Downlink & Uplink	Low	2541
			Mid	2592.99
			High	2644.98
☑	100	Downlink & Uplink	Low	2546.01
			Mid	2592.99
			High	2640

5.2.5. Reference test frequencies for NR operating band n66

Test frequencies for NR operating band n66 and SCS 15 kHz

Supported Bandwidth	CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☒	5	Downlink	Low	2112.5	422500
			Mid	2145	429000
			High	2177.5	435500
		Uplink	Low	1712.5	342500
			Mid	1745	349000
			High	1777.5	355500
☒	10	Downlink	Low	2115	423000
			Mid	2145	429000
			High	2175	435000
		Uplink	Low	1715	343000
			Mid	1745	349000
			High	1775	355000
☒	15	Downlink	Low	2117.5	423500
			Mid	2145	429000
			High	2172.5	434500
		Uplink	Low	1717.5	343500
			Mid	1745	349000
			High	1772.5	354500
☒	20	Downlink	Low	2120	424000
			Mid	2145	429000
			High	2170	434000
		Uplink	Low	1720	344000
			Mid	1745	349000
			High	1770	354000
☒	25	Downlink	Low	2122.5	424500
			Mid	2145	429000
			High	2167.5	433500
		Uplink	Low	1722.5	344500
			Mid	1745	349000
			High	1767.5	353500
☒	30	Downlink	Low	2125	425000
			Mid	2145	429000
			High	2165	433000
		Uplink	Low	1725	345000
			Mid	1745	349000
			High	1765	353000
☒	40	Downlink	Low	2130	426000
			Mid	2145	429000
			High	2160	432000
		Uplink	Low	1730	346000
			Mid	1745	349000
			High	1760	352000
☐	45	Downlink	Low	2132.5	426500
			Mid	2145	429000
			High	2157.5	431500
		Uplink	Low	1732.5	346500
			Mid	1745	349000
			High	1757.5	351500

5.2.6. Reference test frequencies for NR operating band n71

Test frequencies for NR operating band n71 and SCS 15 kHz

Supported Bandwidth	CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☑	5	Downlink	Low	619.5	123900
			Mid	634.5	126900
			High	649.5	129900
		Uplink	Low	665.5	133100
			Mid	680.5	136100
			High	695.5	139100
☑	10	Downlink	Low	622	124400
			Mid	634.5	126900
			High	647	129400
		Uplink	Low	668	133600
			Mid	680.5	136100
			High	693	138600
☑	15	Downlink	Low	624.5	124900
			Mid	634.5	126900
			High	644.5	128900
		Uplink	Low	670.5	134100
			Mid	680.5	136100
			High	690.5	138100
☑	20	Downlink	Low	627	125400
			Mid	634.5	126900
			High	642	128400
		Uplink	Low	673	134600
			Mid	680.5	136100
			High	688	137600

5.2.7. Reference test frequencies for NR operating band n77 (Block A)

Test frequencies for NR operating band n77 and SCS 30 kHz

Supported Bandwidth	CBW [MHz]	Range	Carrier centre [MHz]	Carrier centre [ARFCN]
☑	10	Downlink & Uplink	Low	3455.01
			Mid	3500.01
			High	3545.01
☑	15	Downlink & Uplink	Low	3457.5
			Mid	3500.01
			High	3542.49
☑	20	Downlink & Uplink	Low	3460.02
			Mid	3500.01
			High	3540
☑	25	Downlink & Uplink	Low	3462.5
			Mid	3500.01
			High	3542.5
☑	30	Downlink & Uplink	Low	3465
			Mid	3500.01
			High	3534.99
☑	40	Downlink & Uplink	Low	3470.01
			Mid	3500.01
			High	3530.01
☑	50	Downlink & Uplink	Low	3475.02
			Mid	3500.01
			High	3525
☑	60	Downlink & Uplink	Low	3480
			Mid	3500.01
			High	3519.99
☑	70	Downlink & Uplink	Low	3485.01
			Mid	3500.01
			High	3515.01
☑	80	Downlink & Uplink	Low	3490.02
			Mid	3500.01
			High	3510
☑	90	Downlink & Uplink	Low	3495
			Mid	3500.01
			High	3504.99
☑	100	Downlink & Uplink	Low	\
			Mid	3500.01
			High	\

5.2.8. Reference test frequencies for NR operating band n77 (Block C)

Test frequencies for NR operating band n77 and SCS 30 kHz

Supported Bandwidth	CBW [MHz]	Range	Carrier centre [MHz]	Carrier centre [ARFCN]
☑	10	Downlink & Uplink	Low	3705
			Mid	3840
			High	3975
☑	15	Downlink & Uplink	Low	3707.52
			Mid	3840
			High	3972.48
☑	20	Downlink & Uplink	Low	3710.01
			Mid	3840
			High	3969.99
☑	25	Downlink & Uplink	Low	3712.5
			Mid	3840
			High	3967.5
☑	30	Downlink & Uplink	Low	3714.99
			Mid	3840
			High	3965.01
☑	40	Downlink & Uplink	Low	3720
			Mid	3840
			High	3960
☑	50	Downlink & Uplink	Low	3725.01
			Mid	3840
			High	3954.99
☑	60	Downlink & Uplink	Low	3730.02
			Mid	3840
			High	3949.98
☑	70	Downlink & Uplink	Low	3735
			Mid	3840
			High	3945
☑	80	Downlink & Uplink	Low	3740.01
			Mid	3840
			High	3939.99
☑	90	Downlink & Uplink	Low	3745.02
			Mid	3840
			High	3934.98
☑	100	Downlink & Uplink	Low	3750
			Mid	3840
			High	3930

5.2.9. Reference test frequencies for NR operating band n78 (Block A)

Test frequencies for NR operating band n78 and SCS 30 kHz

Supported Bandwidth	CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☒	10	Downlink & Uplink	Low	3455.01	630334
			Mid	3500.01	633334
			High	3545.01	636334
☒	15	Downlink & Uplink	Low	3457.5	630500
			Mid	3500.01	633334
			High	3542.49	636166
☒	20	Downlink & Uplink	Low	3460.02	630668
			Mid	3500.01	633334
			High	3540	636000
☒	25	Downlink & Uplink	Low	3462.5	630834
			Mid	3500.01	633334
			High	2542.5	635833
☒	30	Downlink & Uplink	Low	3465	631000
			Mid	3500.01	633334
			High	3534.99	635666
☒	40	Downlink & Uplink	Low	3470.01	631334
			Mid	3500.01	633334
			High	3530.01	635334
☒	50	Downlink & Uplink	Low	3475.02	631668
			Mid	3500.01	633334
			High	3525	635000
☒	60	Downlink & Uplink	Low	3480	632000
			Mid	3500.01	633334
			High	3519.99	634666
☒	70	Downlink & Uplink	Low	3485.01	632334
			Mid	3500.01	633334
			High	3515.01	634334
☒	80	Downlink & Uplink	Low	3490.02	632668
			Mid	3500.01	633334
			High	3510	634000
☒	90	Downlink & Uplink	Low	3495	633000
			Mid	3500.01	633334
			High	3504.99	633666
☒	100	Downlink & Uplink	Low	\	\
			Mid	3500.01	633334
			High	\	\

5.2.10. Reference test frequencies for NR operating band n78 (Block C)

Test frequencies for NR operating band n78 and SCS 30 kHz

	CBW [MHz]	Range		Carrier centre [MHz]	Carrier centre [ARFCN]
☑	10	Downlink & Uplink	Low	3705	647000
			Mid	3840	656000
			High	3975	665000
☑	15	Downlink & Uplink	Low	3707.52	647168
			Mid	3840	656000
			High	3972.48	664832
☑	20	Downlink & Uplink	Low	3710.01	647334
			Mid	3840	656000
			High	3969.99	664666
☑	25	Downlink & Uplink	Low	3712.5	647500
			Mid	3840	656000
			High	3967.5	664500
☑	30	Downlink & Uplink	Low	3714.99	647666
			Mid	3840	656000
			High	3965.01	664334
☑	40	Downlink & Uplink	Low	3720	648000
			Mid	3840	656000
			High	3960	664000
☑	50	Downlink & Uplink	Low	3725.01	648334
			Mid	3840	656000
			High	3954.99	663666
☑	60	Downlink & Uplink	Low	3730.02	648668
			Mid	3840	656000
			High	3949.98	663332
☑	70	Downlink & Uplink	Low	3735	649000
			Mid	3840	656000
			High	3945	663000
☑	80	Downlink & Uplink	Low	3740.01	649334
			Mid	3840	656000
			High	3939.99	662666
☑	90	Downlink & Uplink	Low	3745.02	649668
			Mid	3840	656000
			High	3934.98	662332
☑	100	Downlink & Uplink	Low	3750	650000
			Mid	3840	656000
			High	3930	662000

5.3. MAXIMUM AVERAGE OUTPUT POWER

5.3.1. NR n2

Part 24/RSS-133							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		2.13					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	BPSK	1852.5	1907.5	24.09	0.419	4.542	4M54G7W
	QPSK			24.00	0.410	4.512	4M51G7W
	16QAM			22.92	0.320	4.535	4M54D7W
10	BPSK	1855	1905	24.06	0.416	8.924	8M92G7W
	QPSK			24.06	0.416	8.916	9M92G7W
	16QAM			22.85	0.315	8.906	9M91D7W
15	BPSK	1857.5	1902.5	24.01	0.411	13.454	13M5G7W
	QPSK			24.14	0.424	13.419	13M4G7W
	16QAM			22.89	0.318	13.399	13M4D7W
20	BPSK	1860	1900	24.01	0.411	17.892	17M9G7W
	QPSK			24.02	0.412	17.845	17M8G7W
	16QAM			22.79	0.310	17.857	17M9D7W

5.3.2. NR n5

Part 22H/RSS-132							
ERP Limit(W)		7.0					
Antenna Gain (dBi)		-0.81					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (W)	99% OBW (MHz)	Emission Designator
5	BPSK	826.5	846.5	23.98	0.207	4.454	4M46G7W
	QPSK			23.95	0.206	4.466	4M47G7W
	16QAM			23.18	0.173	4.47	4M47D7W
10	BPSK	829	844	23.90	0.204	8.946	8M95G7W
	QPSK			23.99	0.208	8.913	8M91G7W
	16QAM			23.22	0.174	8.942	8M94D7W
15	BPSK	831.5	841.5	23.99	0.208	13.441	13M4G7W
	QPSK			23.98	0.207	13.419	14M4G7W
	16QAM			23.41	0.182	13.429	14M4D7W
20	BPSK	834	839	23.84	0.201	17.881	17M9G7W
	QPSK			23.97	0.207	17.835	17M8G7W
	16QAM			23.45	0.184	17.819	17M8D7W

5.3.3. NR n7

Part 27 / RSS-199							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		2.66					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	BPSK	2502.5	2567.5	21.28	0.248	4.453	4M45G7W
	QPSK			21.24	0.245	4.447	4M45G7W
	16QAM			20.83	0.223	4.462	4M46D7W
10	BPSK	2505.0	2565.0	21.20	0.243	8.952	8M95G7W
	QPSK			21.34	0.251	8.936	8M94G7W
	16QAM			20.97	0.231	8.933	8M93D7W
15	BPSK	2507.5	2562.5	21.31	0.249	13.414	13M4G7W
	QPSK			21.33	0.251	13.413	13M4G7W
	16QAM			20.96	0.230	13.41	13M4D7W
20	BPSK	2510.0	2560.0	21.25	0.246	17.826	17M8G7W
	QPSK			21.34	0.251	17.867	17M9G7W
	16QAM			20.83	0.223	17.826	17M8D7W
25	BPSK	2512.5	2557.5	21.39	0.254	22.901	22M9G7W
	QPSK			21.34	0.251	22.849	22M8G7W
	16QAM			20.99	0.232	22.838	22M8D7W
40	BPSK	2520.0	2550.0	21.32	0.250	28.53	28M5G7W
	QPSK			21.28	0.248	28.484	28M5G7W
	16QAM			20.96	0.230	28.525	28M5D7W

5.3.4. NR n38

Part 27 / RSS-199							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		0.98					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
10	BPSK	2575.0	2615.0	21.52	0.171	8.596	8M60G7W
	QPSK			25.21	0.416	8.543	8M54G7W
	16QAM			25.48	0.443	8.574	8M57D7W
15	BPSK	2577.5	2612.5	24.18	0.328	12.891	12M9G7W
	QPSK			25.19	0.414	12.85	12M9G7W
	16QAM			25.38	0.433	12.903	12M9D7W
20	BPSK	2580.0	2610.0	24.24	0.333	17.782	17M8G7W
	QPSK			25.18	0.413	17.805	17M8G7W
	16QAM			25.23	0.418	17.793	17M8D7W
30	BPSK	2585.0	2605.0	24.23	0.332	26.735	26M7G7W
	QPSK			25.08	0.404	26.787	26M8G7W
	16QAM			25.27	0.422	26.801	26M8D7W
40	BPSK	2590.0	2600.0	24.24	0.333	35.731	35M7G7W
	QPSK			25.12	0.407	35.835	35M8G7W
	16QAM			25.27	0.422	35.737	35M7D7W

5.3.5. NR n41

NR n41 (PC2)							
Part 27 / RSS-199							
EIRP Limit(W)			2.0				
Antenna Gain (dBi)			1.06				
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
10	BPSK	2501.0	2685.0	25.36	0.439	8.551	8M55G7W
	QPSK			25.13	0.416	8.552	8M55G7W
	16QAM			23.03	0.256	8.557	8M56D7W
15	BPSK	2503.5	2682.5	25.47	0.450	12.878	12M9G7W
	QPSK			25.18	0.421	12.878	12M9G7W
	16QAM			22.96	0.252	12.852	12M9D7W
20	BPSK	2506.0	2680.0	25.47	0.450	17.84	17M8G7W
	QPSK			25.13	0.416	17.808	17M8G7W
	16QAM			23.14	0.263	17.807	17M8D7W
30	BPSK	2511.0	2675.0	25.50	0.453	26.966	27M0G7W
	QPSK			25.13	0.416	26.807	26M8G7W
	16QAM			23.12	0.262	26.369	26M4D7W
40	BPSK	2516.0	2670.0	25.44	0.447	35.677	35M7G7W
	QPSK			25.10	0.413	35.653	35M7G7W
	16QAM			23.18	0.265	35.656	35M7D7W
50	BPSK	2521.0	2665.0	25.32	0.435	45.483	45M5G7W
	QPSK			25.06	0.409	45.618	45M6G7W
	16QAM			23.05	0.258	45.547	45M5D7W
60	BPSK	2526.0	2660.0	25.47	0.450	57.82	57M8G7W
	QPSK			25.19	0.422	57.707	57M7G7W
	16QAM			22.99	0.254	57.604	57M6D7W
70	BPSK	2531.0	2655.0	25.39	0.442	64.139	64M1G7W
	QPSK			24.99	0.403	64.193	64M1G7W
	16QAM			23.04	0.257	64.154	64M1D7W
80	BPSK	2536.0	2650.0	25.39	0.442	76.956	77M0G7W
	QPSK			25.12	0.415	77.013	77M0G7W
	16QAM			23.12	0.262	77.117	77M1D7W
90	BPSK	2541.0	2645.0	25.35	0.438	86.469	86M5G7W
	QPSK			25.12	0.415	86.438	86M4G7W
	16QAM			23.08	0.259	86.29	86M3D7W
100	BPSK	2546.0	2640.0	25.42	0.445	96.15	96M2G7W
	QPSK			25.04	0.407	96.127	96M1G7W
	16QAM			23.10	0.261	96.055	96M1D7W

5.3.6. NR n66

Part 27 / RSS-139							
EIRP Limit(W)		1.0					
Antenna Gain (dBi)		3.55					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	BPSK	1712.5	1777.5	21.78	0.341	4.447	4M45G7W
	QPSK			22.16	0.372	4.448	4M45G7W
	16QAM			21.03	0.287	4.46	4M46D7W
10	BPSK	1715.0	1775.0	21.74	0.338	8.938	8M94G7W
	QPSK			22.10	0.367	8.935	8M94G7W
	16QAM			21.04	0.288	8.932	8M93D7W
15	BPSK	1717.5	1772.5	21.72	0.337	13.411	13M4G7W
	QPSK			22.04	0.362	13.413	13M4G7W
	16QAM			21.15	0.295	13.399	13M4D7W
20	BPSK	1720.0	1770.0	21.77	0.340	17.851	17M9G7W
	QPSK			22.21	0.377	17.862	17M9G7W
	16QAM			21.29	0.305	17.822	17M8D7W
25	BPSK	1722.5	1767.5	21.75	0.339	22.776	22M8G7W
	QPSK			21.97	0.356	22.839	22M8G7W
	16QAM			21.19	0.298	22.818	22M8D7W
30	BPSK	1725.0	1765.0	21.74	0.338	28.461	28M5G7W
	QPSK			22.17	0.373	28.456	28M5G7W
	16QAM			21.07	0.290	28.471	28M5D7W
40	BPSK	1730.0	1760.0	21.66	0.332	38.314	38M3G7W
	QPSK			22.09	0.366	38.609	38M6G7W
	16QAM			21.16	0.296	38.394	38M4D7W

5.3.7. NR n71

Part 27 / RSS-130							
ERP Limit(W)		3.0					
Antenna Gain (dBi)		-1.2					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (W)	99% OBW (MHz)	Emission Designator
5	BPSK	665.5	695.5	23.04	0.153	4.537	4M54G7W
	QPSK			23.08	0.154	4.512	4M51G7W
	16QAM			23.23	0.160	4.505	4M51D7W
10	BPSK	668.0	693.0	23.06	0.153	8.956	8M96G7W
	QPSK			23.08	0.154	8.91	8M91G7W
	16QAM			23.13	0.156	8.94	8M94D7W
15	BPSK	670.5	690.5	23.08	0.154	13.429	13M4G7W
	QPSK			23.10	0.155	13.411	14M4G7W
	16QAM			22.79	0.144	13.428	14M4D7W
20	BPSK	673.0	688.0	23.33	0.163	17.86	17M9G7W
	QPSK			23.14	0.156	17.832	17M8G7W
	16QAM			23.39	0.166	17.826	17M8D7W

5.3.8. NR n77 (3450-3550 MHz)

NR n77 Block A(PC2)							
Part 27 / RSS-192							
EIRP Limit(W)			1.0				
Antenna Gain (dBi)			-0.2				
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
10	BPSK	3455.0	3545.0	25.24	0.319	8.571	8M57G7W
	QPSK			25.05	0.305	8.561	8M56G7W
	16QAM			21.53	0.136	8.529	8M53D7W
15	BPSK	3457.5	3542.5	25.48	0.337	12.839	12M8G7W
	QPSK			25.01	0.303	12.843	12M8G7W
	16QAM			21.74	0.143	12.824	12M8D7W
20	BPSK	3460.0	3540.0	25.32	0.325	17.852	17M9G7W
	QPSK			24.99	0.301	17.907	17M9G7W
	16QAM			21.64	0.139	17.867	17M9D7W
25	BPSK	3462.5	3537.5	25.45	0.335	22.775	22M8G7W
	QPSK			24.99	0.301	22.839	22M8G7W
	16QAM			21.57	0.137	22.791	22M8D7W
30	BPSK	3465.0	3535.0	25.20	0.316	26.77	26M8G7W
	QPSK			24.90	0.295	26.681	26M7G7W
	16QAM			21.50	0.135	26.726	26M7D7W
40	BPSK	3470.0	3530.0	25.32	0.325	35.746	35M7G7W
	QPSK			24.89	0.294	35.747	35M7G7W
	16QAM			21.57	0.137	35.643	35M6D7W
50	BPSK	3475.0	3525.0	25.29	0.323	45.666	45M7G7W
	QPSK			24.86	0.292	45.655	45M7G7W
	16QAM			21.77	0.144	45.591	45M6D7W
60	BPSK	3480.0	3520.0	25.27	0.321	57.883	57M9G7W
	QPSK			25.01	0.303	57.939	57M9G7W
	16QAM			21.62	0.139	57.806	57M8D7W
70	BPSK	3485.0	3515.0	25.47	0.337	64.346	64M3G7W
	QPSK			25.01	0.303	64.235	64M2G7W
	16QAM			21.49	0.135	64.126	64M1D7W
80	BPSK	3490.0	3510.0	25.47	0.337	76.862	76M9G7W
	QPSK			25.10	0.309	77.104	77M1G7W
	16QAM			21.55	0.136	76.752	76M8D7W
90	BPSK	3495.0	3505.0	25.33	0.326	86.376	86M4G7W
	QPSK			24.98	0.301	86.859	86M9G7W
	16QAM			21.64	0.139	86.715	86M7D7W
100	BPSK	3500.0	3500.0	25.11	0.310	95.845	96M8G7W
	QPSK			24.85	0.292	96.391	96M4G7W

	16QAM			21.15	0.124	96.211	96M2D7W
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5.3.9. NR n77 (3700-3980 MHz)

NR n77 Block C(PC2)							
Part 27 / RSS-192							
EIRP Limit(W)				1.0			
Antenna Gain (dBi)				-0.53			
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
10	BPSK	3705.0	3975.0	25.14	0.289	8.521	8M52G7W
	QPSK			24.95	0.277	8.539	8M54G7W
	16QAM			21.91	0.137	8.522	8M52D7W
15	BPSK	3707.5	3972.5	25.30	0.300	12.93	12M9G7W
	QPSK			24.98	0.279	12.843	12M8G7W
	16QAM			21.99	0.140	12.877	12M9D7W
20	BPSK	3710.0	3970.0	25.21	0.294	17.874	17M9G7W
	QPSK			24.97	0.278	17.892	17M9G7W
	16QAM			21.97	0.139	17.901	17M9D7W
25	BPSK	3712.5	3967.5	25.12	0.288	22.897	22M9G7W
	QPSK			24.99	0.279	22.946	22M9G7W
	16QAM			21.88	0.136	22.862	22M9D7W
30	BPSK	3715.0	3965.0	25.34	0.303	26.719	26M7G7W
	QPSK			24.96	0.277	26.663	26M7G7W
	16QAM			21.98	0.140	26.688	26M7D7W
40	BPSK	3720.0	3960.0	25.42	0.308	35.685	35M7G7W
	QPSK			24.99	0.279	35.673	35M7G7W
	16QAM			21.95	0.139	35.581	35M6D7W
50	BPSK	3725.0	3955.0	25.34	0.303	45.683	45M7G7W
	QPSK			24.95	0.277	45.682	45M7G7W
	16QAM			21.75	0.132	45.584	45M6D7W
60	BPSK	3730.0	3950.0	25.28	0.299	57.564	57M6G7W
	QPSK			24.97	0.278	57.838	57M8G7W
	16QAM			21.85	0.136	57.593	57M6D7W
70	BPSK	3735.0	3945.0	25.20	0.293	64.316	64M3G7W
	QPSK			24.92	0.275	64.252	64M3G7W
	16QAM			21.83	0.135	64.18	64M2D7W
80	BPSK	3740.0	3940.0	25.15	0.290	76.907	76M9G7W
	QPSK			24.96	0.277	77.053	77M1G7W
	16QAM			21.91	0.137	76.814	76M8D7W
90	BPSK	3745.0	3935.0	25.27	0.298	86.269	86M3G7W
	QPSK			25.00	0.280	86.569	86M7G7W
	16QAM			21.87	0.136	86.611	86M6D7W
100	BPSK	3750.0	3930.0	25.24	0.296	95.92	96M0G7W

	QPSK			24.98	0.279	96.128	96M1G7W
	16QAM			21.74	0.132	96.115	96M1D7W

5.3.10. NR n78 (3450-3550 MHz)

NR n78 Block A(PC2)							
Part 27 / RSS-192							
EIRP Limit(W)			1.0				
Antenna Gain (dBi)			-0.2				
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
10	BPSK	3455.0	3545.0	25.42	0.333	8.538	8M54G7W
	QPSK			24.94	0.298	8.571	8M57G7W
	16QAM			21.38	0.131	8.597	8M60D7W
15	BPSK	3457.5	3542.5	25.22	0.318	12.834	12M8G7W
	QPSK			24.95	0.299	12.865	12M9G7W
	16QAM			21.34	0.130	12.882	12M9D7W
20	BPSK	3460.0	3540.0	25.47	0.337	17.852	17M9G7W
	QPSK			24.95	0.299	17.872	17M9G7W
	16QAM			21.48	0.134	17.823	17M8D7W
25	BPSK	3462.5	3537.5	25.46	0.336	22.758	22M8G7W
	QPSK			24.94	0.298	22.913	22M9G7W
	16QAM			21.48	0.134	22.849	22M8D7W
30	BPSK	3465.0	3535.0	24.85	0.292	27.007	27M0G7W
	QPSK			24.98	0.301	26.691	26M7G7W
	16QAM			21.32	0.129	26.754	26M8D7W
40	BPSK	3470.0	3530.0	25.00	0.302	35.62	35M7G7W
	QPSK			25.00	0.302	35.655	35M7G7W
	16QAM			21.32	0.129	35.667	35M7D7W
50	BPSK	3475.0	3525.0	24.95	0.299	45.696	45M7G7W
	QPSK			24.95	0.299	45.687	45M7G7W
	16QAM			21.32	0.129	45.53	45M5D7W
60	BPSK	3480.0	3520.0	24.94	0.298	57.526	57M6G7W
	QPSK			24.87	0.293	58.007	58M0G7W
	16QAM			21.30	0.129	57.591	57M6D7W
70	BPSK	3485.0	3515.0	24.99	0.301	64.16	64M1G7W
	QPSK			24.91	0.296	64.197	64M2G7W
	16QAM			21.39	0.132	64.162	64M2D7W
80	BPSK	3490.0	3510.0	24.99	0.301	76.805	76M9G7W
	QPSK			24.99	0.301	77.088	77M1G7W
	16QAM			21.27	0.128	77.02	77M0D7W
90	BPSK	3495.0	3505.0	25.00	0.302	86.781	86M8G7W
	QPSK			25.00	0.302	86.905	86M9G7W
	16QAM			21.42	0.132	86.667	86M7D7W
100	BPSK	3500.0	3500.0	24.95	0.299	96.099	96M1G7W
	QPSK			24.92	0.296	96.807	96M8G7W

	16QAM			21.24	0.127	96.468	96M5D7W
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5.3.11. NR n78 (3700-3800 MHz)

NR n77 Block C(PC2)							
Part 27 / RSS-192							
EIRP Limit(W)			1.0				
Antenna Gain (dBi)			-0.53				
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
10	BPSK	3705.0	3795.0	25.29	0.299	8.60	8M60G7W
	QPSK			24.92	0.275	8.555	8M56G7W
	16QAM			20.88	0.108	8.578	8M58D7W
15	BPSK	3707.5	3792.5	25.24	0.296	12.856	12M9G7W
	QPSK			24.92	0.275	12.855	12M9G7W
	16QAM			20.67	0.103	12.849	12M8D7W
20	BPSK	3710.0	3790.0	25.29	0.299	17.856	17M9G7W
	QPSK			25.00	0.280	17.87	17M9G7W
	16QAM			20.86	0.108	17.819	17M8D7W
25	BPSK	3712.5	3787.5	25.48	0.313	22.826	22M8G7W
	QPSK			24.80	0.267	22.875	22M9G7W
	16QAM			20.75	0.105	22.908	22M9D7W
30	BPSK	3715.0	3785.0	25.40	0.307	26.850	26M9G7W
	QPSK			24.94	0.276	26.796	26M8G7W
	16QAM			20.82	0.107	26.772	26M8D7W
40	BPSK	3720.0	3780.0	25.46	0.311	35.64	35M6G7W
	QPSK			24.99	0.279	35.688	35M7G7W
	16QAM			20.93	0.110	35.787	35M8D7W
50	BPSK	3725.0	3775.0	25.44	0.310	45.561	45M6G7W
	QPSK			24.87	0.272	45.575	45M6G7W
	16QAM			20.90	0.109	45.602	45M6D7W
60	BPSK	3730.0	3770.0	25.39	0.306	57.601	57M6G7W
	QPSK			24.97	0.278	57.833	57M8G7W
	16QAM			20.81	0.107	57.67	57M7D7W
70	BPSK	3735.0	3765.0	25.22	0.294	64.277	64M3G7W
	QPSK			24.94	0.276	64.159	64M2G7W
	16QAM			20.93	0.110	64.086	64M0D7W
80	BPSK	3740.0	3760.0	25.27	0.298	77.109	77M1G7W
	QPSK			24.85	0.270	77.216	78M2G7W
	16QAM			20.77	0.106	77.07	77M1D7W
90	BPSK	3745.0	3755.0	25.37	0.305	86.587	86M6G7W

100	QPSK	3750.0	3750.0	24.87	0.272	86.658	86M7G7W
	16QAM			20.78	0.106	86.58	86M6D7W
	BPSK			25.20	0.293	96.254	96M3G7W
	QPSK			24.96	0.277	96.366	96M4G7W
	16QAM			20.98	0.111	96.267	96M3D7W

5.4. WORST-CASE CONFIGURATION AND MODE

During all testing, EUT is in link mode with base station emulator at maximum power level. The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on QPSK, 16QAM. All testing was performed using QPSK and 16QAM modulations to represent the worst case.

The radiated spurious emissions measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT was investigated in three orthogonal orientations X,Y and Z. It was determined that X orientation was the worst-case.

Radiated spurious emissions were investigated below 30 MHz, 30 MHz - 1 GHz and above 1 GHz. There are no emissions found on below 1GHz and above 18 GHz, the emissions between 1 GHz – 18 GHz are tested at the low, mid, high channel and the worse configuration.

Test Items	Worst case test configuration			
Description	Modulation	Channel	Bandwidth (MHz)	RB Configuration
Radiated Spurious Emissions	QPSK	L, M, H	Maximum BW	RB size=1, RB Location=Low

5.5. DESCRIPTION OF AVAILABLE ANTENNAS

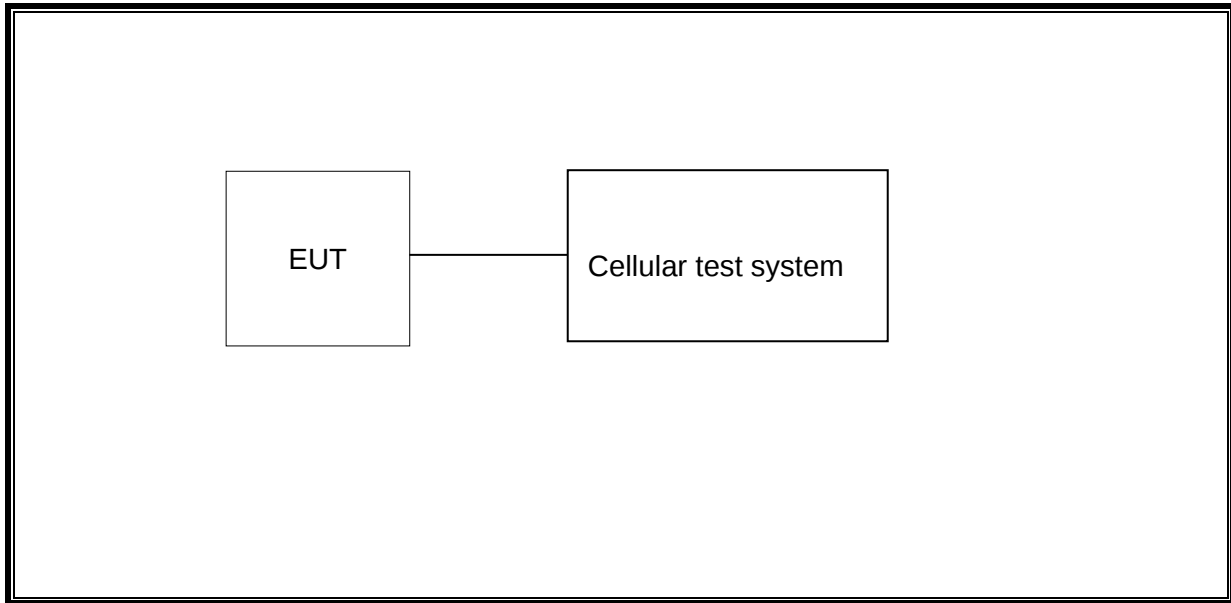
Antenna	Band	Antenna Type	MAX Antenna Gain (dBi)
Ant0	NR n2	LDS	2.13
Ant0	NR n5	LDS	-0.81
Ant0	NR n7	LDS	2.66
Ant3	NR n38	LDS	0.98
Ant3	NR n41	LDS	1.06
Ant0	NR n66	LDS	3.55
Ant0	NR n71	LDS	-1.2
Ant4	NR n77 (3450-3550 MHz)	LDS	-0.2
Ant4	NR n77 (3700-3980 MHz)	LDS	-0.53
Ant4	NR n78 (3450-3550 MHz)	LDS	-0.2
Ant4	NR n78 (3700-3800 MHz)	LDS	-0.53

Band	Transmit and Receive Mode	Description
NR n5	☒ 1TX, 1RX	Ant0 antenna can be used as transmitting/receiving antenna
NR n5	☒ 1TX, 1RX	Ant0 antenna can be used as transmitting/receiving antenna
NR n7	☒ 1TX, 1RX	Ant0 antenna can be used as transmitting/receiving antenna
NR n38	☒ 1TX, 1RX	Ant3 antenna can be used as transmitting/receiving antenna
NR n41	☒ 1TX, 1RX	Ant3 antenna can be used as transmitting/receiving antenna
NR 66	☒ 1TX, 1RX	Ant0 antenna can be used as transmitting/receiving antenna
NR 71	☒ 1TX, 1RX	Ant0 antenna can be used as transmitting/receiving antenna
NR n77	☒ 1TX, 1RX	Ant4 antenna can be used as transmitting/receiving antenna
NR n78	☒ 1TX, 1RX	Ant4 antenna can be used as transmitting/receiving antenna

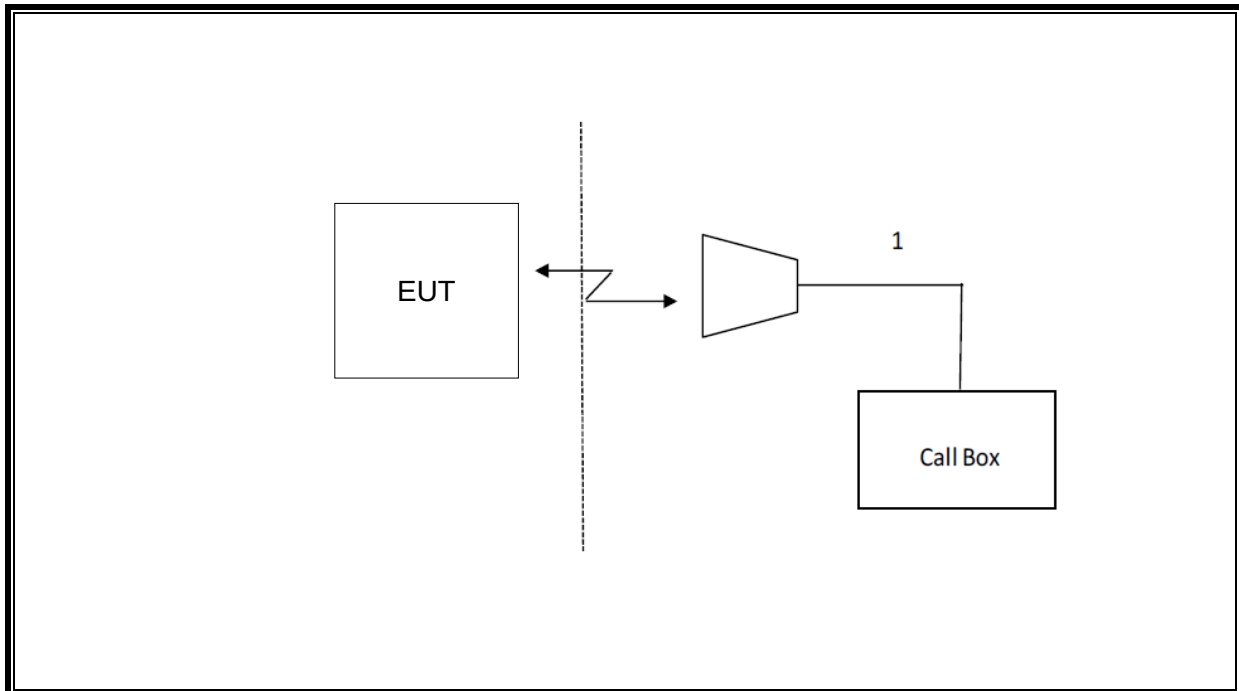
Note: The value of the antenna gain was declared by customer.

5.6. DESCRIPTION OF TEST SETUP

Conducted



Radiated



6. MEASURING INSTRUMENT AND SOFTWARE USED

Antenna Terminal Test						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	Signal & Spectrum analyzer	R&S	FSW	1312.8000K26-103950-sj	Sept. 28, 2024	Sept. 27, 2025
☒	UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY60102194	Jan.04,2024	Jan.03,2025
☒	UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY60102194	Dece.27,2024	Dece.26,2025
Software						
Used	Description		Manufacturer	Name		Version
☒	Tonsend Cellular Test System		Tonsend	JS1120 RF Auto Test System		3.1.46
Radiated Test						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sept.28, 2024	Sept.27, 2025
☒	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	June.28, 2024	June.27, 2027
☒	Preamplifier	HP	8447D	2944A09099	June.18, 2024	June.17, 2025
☒	EMI Measurement Receiver	R&S	ESR26	101377	Sept.28, 2024	Sept.27, 2025
☒	Horn Antenna	TDK	HRN-0118	130940	Dece. 12, 2024	Dece. 11, 2027
☒	Horn Antenna	Schwarzbeck	BBHA9170	697	June.30, 2024	June.29, 2027
☒	Preamplifier	TDK	PA-02-0118	TRS-305-00066	June.18, 2024	June.17, 2025
☒	Preamplifier	TDK	PA-02-2	TRS-307-00003	June.18, 2024	June.17, 2025
☒	Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08,2027
☒	High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	June.18, 2024	June.17, 2025
Software						

Used	Description	Manufacturer	Name	Version
☒	Test Software for Radiated disturbance	Farad	EZ-EMC	Ver. UL-3A1

7. ANTENNA TERMINAL TEST RESULTS

7.1. EFFECTIVE (ISOTROPIC) RADIATED POWER OF TRANSMITTER

RULE PART(S)

FCC: §2.1046, §22.913, §24.232, §27.50
RSS-132, RSS-133, RSS-139, RSS-192, RSS-199.

LIMITS

22.913(a) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

24.232(c) Mobile/portable stations are limited to 2 watts e.i.r.p. peak power and the equipment must employ means to limit the power to the minimum necessary for successful communications.

27.50(c) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

27.50(d) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watts EIRP.

27.50(h) Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

27.50(j) Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communication

27.50(k) Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

TEST PROCEDURE

Refer to ANSI C63.26:2015 and KDB 971168 D01 Section 5.6

$ERP/EIRP = P_{Meas} + GT - LC$

where:

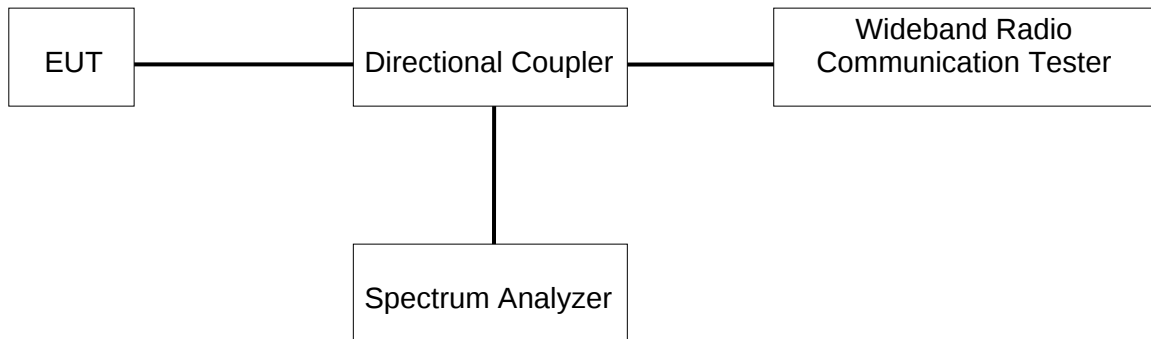
ERP or EIRP = effective or equivalent isotropically radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB

The transmitter has a maximum radiated ERP / EIRP output powers as follows:

TEST SETUP**TEST ENVIRONMENT**

Temperature	22.3°C	Relative Humidity	55.4%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87 V

RESULTS

Please refer to No.: 4791517585.3-1-SAR-1- App A Conducted Power.

7.2. PEAK TO AVERAGE RADIO

LIMITS

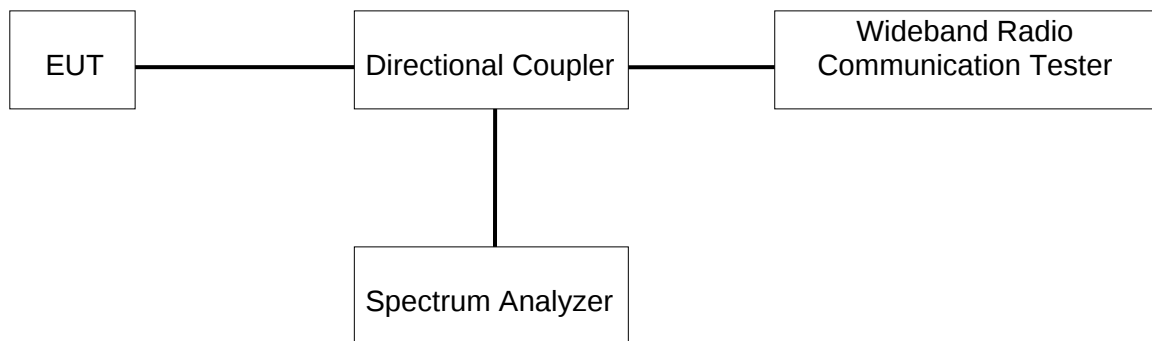
In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01;

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power. The PAR was measured on the Spectrum Analyzer.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.3°C	Relative Humidity	55.4%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87 V

RESULTS

Middle was used to measure as the worst case. The all results are passed with 13dB peak-to-average power ratio criteria.

Please refer to Appendix 5GNR.

7.3. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

RSS-132, RSS-133, RSS-139, RSS-192, RSS-199.

LIMITS

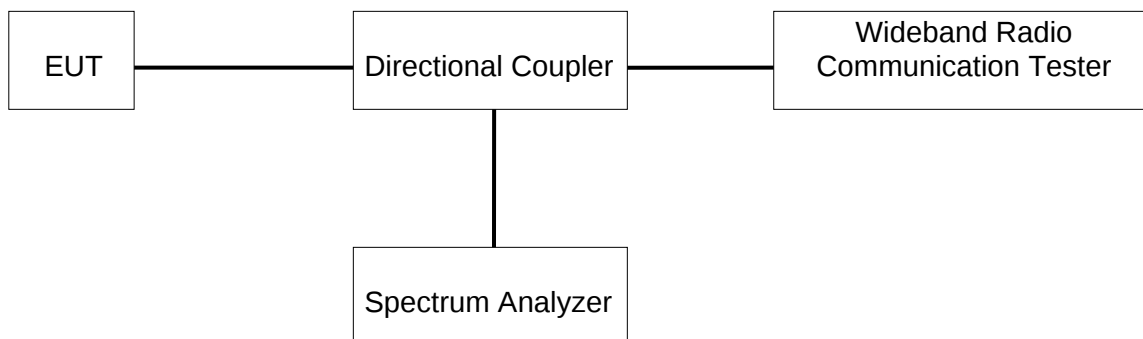
For reporting purposes only.

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the low, middle and high channel in each band. The -26dB bandwidth was also measured and recorded.

(Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01)

TEST SETUP



TEST ENVIRONMENT

Temperature	22.3°C	Relative Humidity	55.4%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87 V

RESULTS

There is no limit required and power is the same for low, middle and high channel, therefore, only middle channel was tested.

Please refer to Appendix C.

7.4. BAND EDGE EMISSIONS

RULE PART(S)

FCC §2.1051, §22.917, §24.238, §27.53
RSS-132, RSS-133, RSS-139, RSS-192, RSS-199.

LIMITS

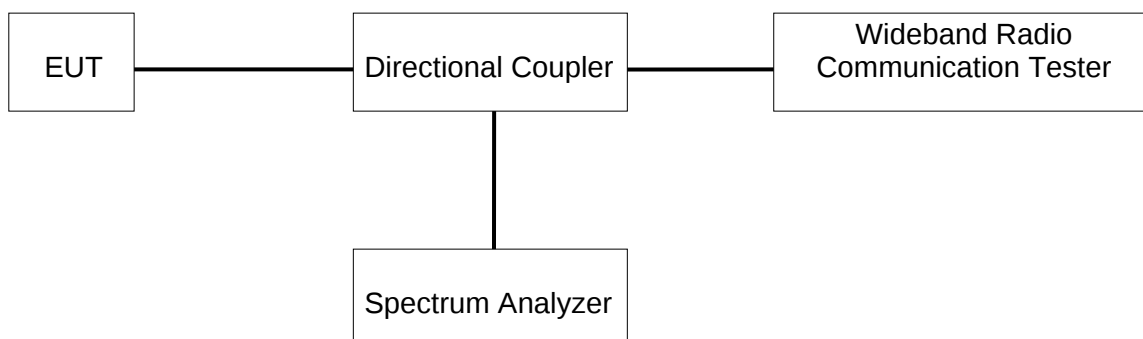
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01

The transmitter output was connected to a CMW500 Test Set and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

- a) Set the RBW = $1 \sim 1.5$ % of OBW (Typically limited to a minimum RBW of 1% of the OBW)
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = Auto;
- e) Detector = RMS;
- f) Ensure that the number of measurement points $\geq 2 \times \text{Span} / \text{RBW}$;
- g) Trace mode = Average (100);

TEST SETUP**TEST ENVIRONMENT**

Temperature	22.3°C	Relative Humidity	55.4%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87 V

RESULTS

Please refer to Appendix 5GNR.

7.5. SPURIOUS EMISSION AT ANTENNA TERMINAL

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53
RSS-132, RSS-133, RSS-139, RSS-192, RSS-199.

LIMITS

FCC: §22.901, §22.917, §24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

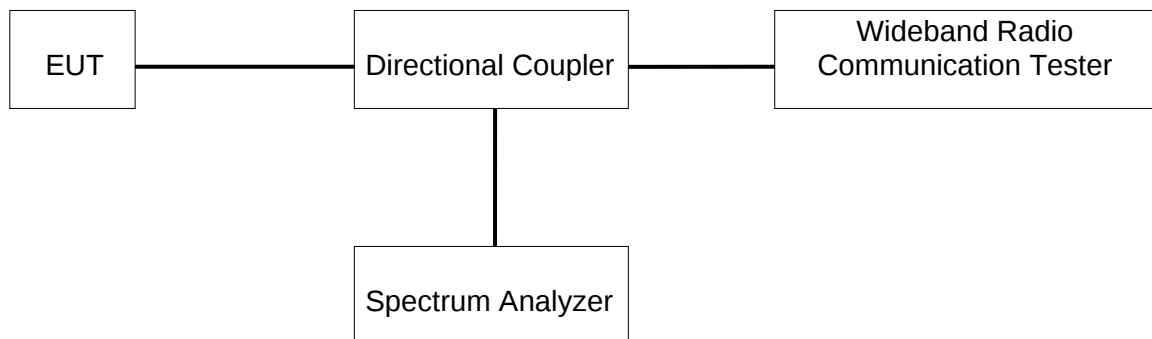
Per KDB 971168 D01 Power Meas License Digital Systems v03r01

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

- Set the RBW = 100 kHz for emission below 1GHz and 1MHz for emissions above 1GHz (Tests were performed 1 MHz [Worst case], to sweep 1 time for all frequency range)
- Set VBW $\geq 3 \times$ RBW;
- Set span ≥ 1.5 times the OBW;
- Sweep time = auto couple;
- Detector = rms;
- Ensure that the number of measurement points = Max (40001);
- Trace mode = average (LTE 5), Maxhold (LTE Band7);

Note: Please refer to section 5.4 for bandwidth and RB setting about LTE bands.

TEST SETUP



TEST ENVIRONMENT

Temperature	22.3°C	Relative Humidity	55.4%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87 V

RESULTS

Please refer to Appendix 5GNR.

7.6. FREQUENCY STABILITY

Rule Part:

FCC: §2.1055, §22.355, §24.235, §27.54

RSS-132, RSS-133, RSS-139, RSS-192, RSS-199.

LIMITS

§22.355 - The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

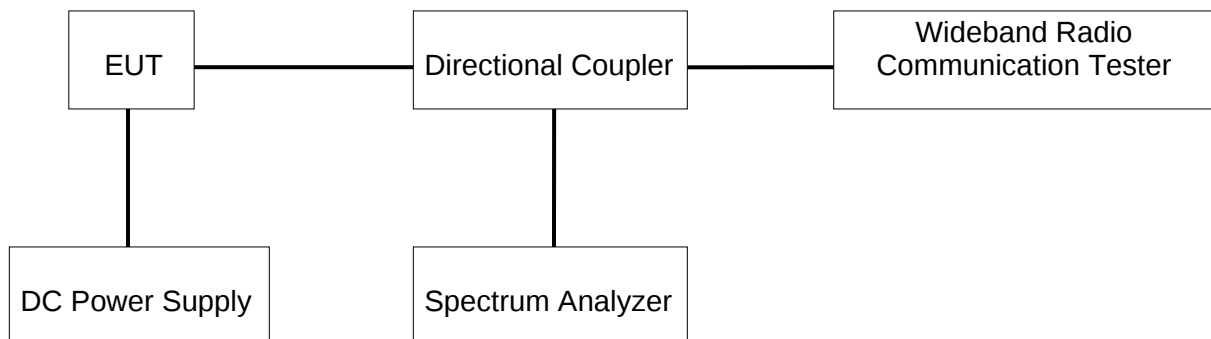
§24.235 and §27.54 - The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

TEST PROCEDURE

Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01.

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	45 % - 75 %	/
Atmospheric Pressure	100 kPa ~102 kPa	/
Temperature	T_N (Normal Temperature): 24.7 °C	T_L (Low Temperature): -30 °C
		T_H (High Temperature): 50 °C
Supply Voltage	V_N (Normal Voltage): DC 3.87 V	V_L (Low Voltage): DC 3.3V
		V_H (High Voltage): DC 4.5 V

TEST SETUP



RESULTS

The peak frequency error is recorded (worst-case).

Please refer to Appendix 5GNR.

8. RADIATED SPURIOUS EMISSIONS

LIMITS

FCC: §27.53 (m) , ISED: RSS-199 (n7/38/41)

At least $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

FCC: §27.53 (g) , ISED: RSS-132 (n71)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §24.238(a) , ISED: RSS-133 (n2/25)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §27.53(h) , ISED: RSS-139 (n66)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §22.917(a) , ISED: RSS-132 (n5)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

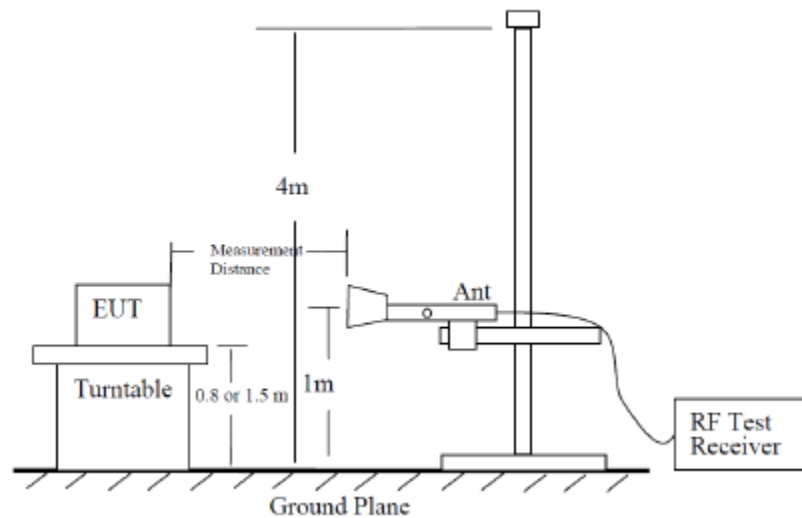
FCC: §27.53 , ISED: RSS-192 (n77)

(n) 3.45 GHz Service. The following emission limits apply to stations transmitting in the 3450-3550 MHz band.

(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

TEST PROCEDURE

Following the test configuration shown below, radiated emissions measured directly from the EUT and convert the measured field strength or received power to ERP or EIRP, as required, for comparison to the applicable limits. As stated in section 5.5.1 of ANSI C63.26-2015. The field strength measurement method by using a test site validated to the requirement of ANSI C63.4 is an alternative method to the substitution measurement.



Radiated Power Measurement Calculation According to ANSI C63.26-2015

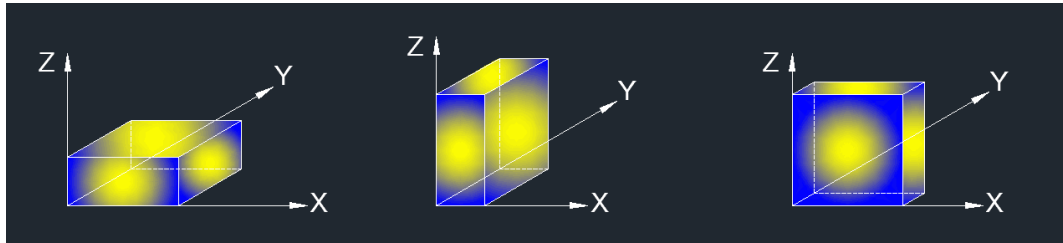
- $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$, where D is the measurement distance (in the far field region) in m.
- $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$, where D is the measurement distance (in the far field region) in m.

So, from d)

The measuring distance is at 3m, then $20 \cdot \log(3) = 9.5424$

Then, $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 9.5424 - 104.8 = E \text{ (dB}\mu\text{V/m)} - 95.2576$

X axis, Y axis, Z axis:



Note: The EUT was investigated in three orthogonal orientations X/Y/Z on ANT0, ANT3 and ANT4 to determine the worst-case orientation. X orientation is finally determined the worst.

TEST ENVIRONMENT

Temperature	24.4°C	Relative Humidity	55%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.87 V

RESULTS

8.1.1. NR n2

20M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3735.000	58.61	-3.14	55.47	82.25	-26.78	peak
2	5595.000	55.08	2.30	57.38	82.25	-24.87	peak
3	7470.000	44.42	7.33	51.75	82.25	-30.50	peak
4	11640.000	37.37	18.23	55.60	82.25	-26.65	peak
5	13920.000	34.58	23.45	58.03	82.25	-24.22	peak
6	17970.000	31.09	29.33	60.42	82.25	-21.83	peak

20M BPSK-Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3735.000	58.62	-2.09	56.53	82.25	-25.72	peak
2	5595.000	52.92	3.46	56.38	82.25	-25.87	peak
3	7470.000	47.05	7.85	54.90	82.25	-27.35	peak
4	9345.000	44.22	11.84	56.06	82.25	-26.19	peak
5	14145.000	35.26	22.24	57.50	82.25	-24.75	peak
6	17385.000	32.93	25.38	58.31	82.25	-23.94	peak

20M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3750.000	58.46	-3.10	55.36	82.25	-26.89	peak
2	5625.000	53.97	2.38	56.35	82.25	-25.90	peak
3	7515.000	42.81	7.42	50.23	82.25	-32.02	peak
4	12135.000	36.39	18.73	55.12	82.25	-27.13	peak
5	13875.000	34.43	23.26	57.69	82.25	-24.56	peak
6	17745.000	31.78	27.20	58.98	82.25	-23.27	peak

20M BPSK- Mid Channel-Vertical

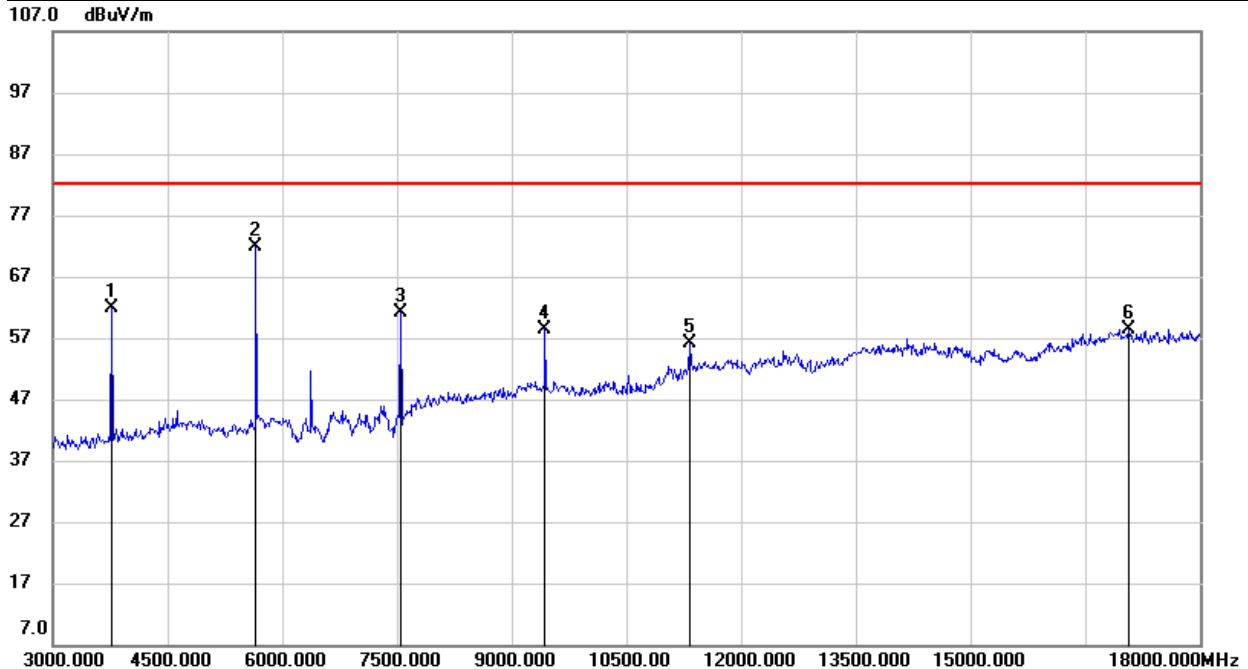
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3750.000	57.97	-2.05	55.92	82.25	-26.33	peak
2	5625.000	62.37	3.53	65.90	82.25	-16.35	peak
3	7515.000	52.93	7.92	60.85	82.25	-21.40	peak
4	9390.000	43.82	11.99	55.81	82.25	-26.44	peak
5	13815.000	34.63	21.36	55.99	82.25	-26.26	peak
6	16905.000	33.35	25.06	58.41	82.25	-23.84	peak

20M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3765.000	61.71	-3.05	58.66	82.25	-23.59	peak
2	5655.000	63.03	2.44	65.47	82.25	-16.78	peak
3	7545.000	46.71	7.46	54.17	82.25	-28.08	peak
4	9435.000	40.06	12.11	52.17	82.25	-30.08	peak
5	13665.000	34.58	22.72	57.30	82.25	-24.95	peak
6	18000.000	30.21	29.64	59.85	82.25	-22.40	peak

20M BPSK- High Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3765.000	63.96	-2.00	61.96	82.25	-20.29	peak
2	5655.000	68.20	3.58	71.78	82.25	-10.47	peak
3	7545.000	53.29	7.96	61.25	82.25	-21.00	peak
4	9435.000	46.27	12.16	58.43	82.25	-23.82	peak
5	11325.000	40.04	16.18	56.22	82.25	-26.03	peak
6	17070.000	33.25	25.23	58.48	82.25	-23.77	peak



Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.2. NR n5

20M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2494.000	57.58	-8.16	49.42	82.25	-32.83	peak
2	3322.000	52.10	-4.48	47.62	82.25	-34.63	peak
3	4159.000	47.19	-2.46	44.73	82.25	-37.52	peak
4	5824.000	41.45	2.08	43.53	82.25	-38.72	peak
5	8101.000	39.18	8.12	47.30	82.25	-34.95	peak
6	9307.000	37.95	11.48	49.43	82.25	-32.82	peak

20M BPSK-Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2494.000	54.46	-7.36	47.10	82.25	-35.15	peak
2	3322.000	50.91	-3.37	47.54	82.25	-34.71	peak
3	4159.000	48.29	-1.42	46.87	82.25	-35.38	peak
4	5824.000	48.90	3.15	52.05	82.25	-30.20	peak
5	6661.000	46.40	5.65	52.05	82.25	-30.20	peak
6	9181.000	38.91	11.42	50.33	82.25	-31.92	peak

20M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1666.000	57.23	-10.05	47.18	82.25	-35.07	peak
2	2503.000	57.96	-8.13	49.83	82.25	-32.42	peak
3	3340.000	52.90	-4.40	48.50	82.25	-33.75	peak
4	5842.000	46.19	2.13	48.32	82.25	-33.93	peak
5	6679.000	44.51	4.89	49.40	82.25	-32.85	peak
6	9289.000	38.33	11.44	49.77	82.25	-32.48	peak

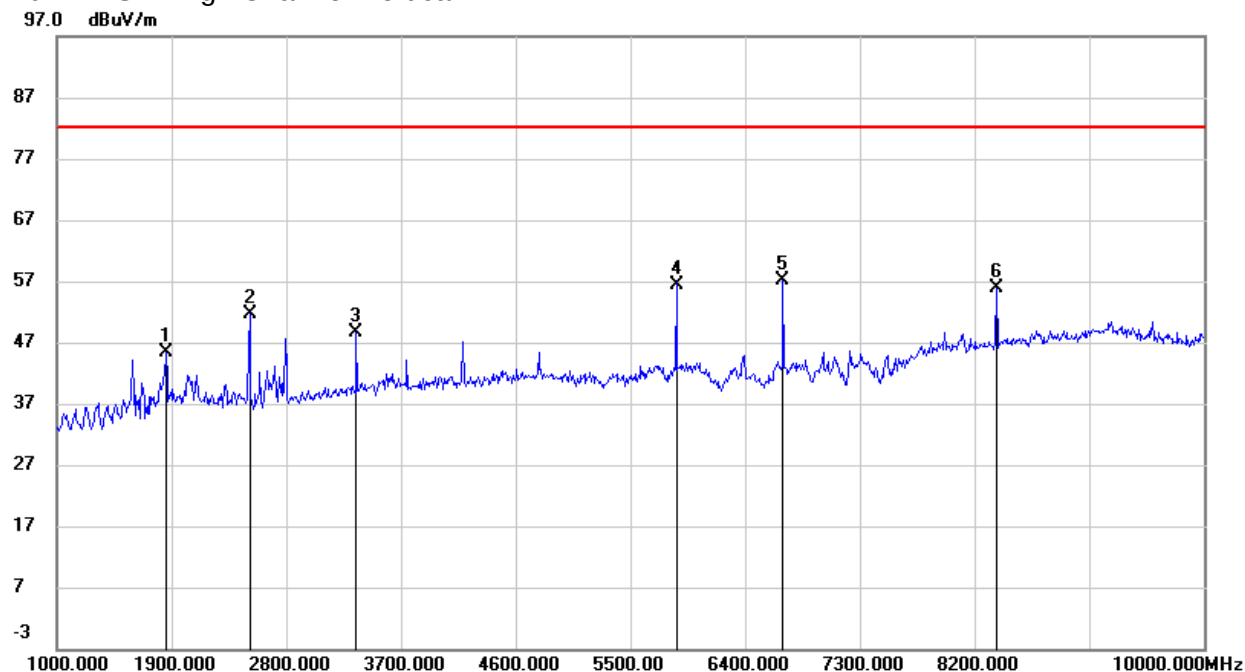
20M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1666.000	56.93	-9.69	47.24	82.25	-35.01	peak
2	2503.000	59.89	-7.33	52.56	82.25	-29.69	peak
3	4168.000	49.63	-1.41	48.22	82.25	-34.03	peak
4	5842.000	51.29	3.19	54.48	82.25	-27.77	peak
5	6679.000	53.27	5.72	58.99	82.25	-23.26	peak
6	9208.000	38.97	11.51	50.48	82.25	-31.77	peak

20M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1666.000	57.76	-10.05	47.71	82.25	-34.54	peak
2	2512.000	55.45	-8.10	47.35	82.25	-34.90	peak
3	4186.000	50.60	-2.39	48.21	82.25	-34.04	peak
4	5860.000	48.10	2.18	50.28	82.25	-31.97	peak
5	6697.000	44.27	4.96	49.23	82.25	-33.02	peak
6	8371.000	40.72	8.53	49.25	82.25	-33.00	peak

20M BPSK- High Channel-Vertical



Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.3. NR n7

40M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5040.000	53.59	0.99	54.58	82.25	-27.67	peak
2	7560.000	44.60	7.47	52.07	82.25	-30.18	peak
3	10080.000	41.24	13.31	54.55	82.25	-27.70	peak
4	12600.000	39.50	18.97	58.47	82.25	-23.78	peak
5	13605.000	35.23	22.63	57.86	82.25	-24.39	peak
6	17985.000	30.55	29.49	60.04	82.25	-22.21	peak

40M BPSK-Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5040.000	53.19	2.19	55.38	82.25	-26.87	peak
2	7560.000	52.61	7.97	60.58	82.25	-21.67	peak
3	10080.000	47.21	12.69	59.90	82.25	-22.35	peak
4	12600.000	39.95	18.01	57.96	82.25	-24.29	peak
5	14205.000	34.04	22.26	56.30	82.25	-25.95	peak
6	17265.000	33.22	25.34	58.56	82.25	-23.69	peak

40M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5055.000	52.15	1.01	53.16	82.25	-29.09	peak
2	10125.000	42.66	13.30	55.96	82.25	-26.29	peak
3	11835.000	35.93	18.54	54.47	82.25	-27.78	peak
4	12660.000	38.43	19.12	57.55	82.25	-24.70	peak
5	13620.000	35.26	22.65	57.91	82.25	-24.34	peak
6	17985.000	30.34	29.49	59.83	82.25	-22.42	peak

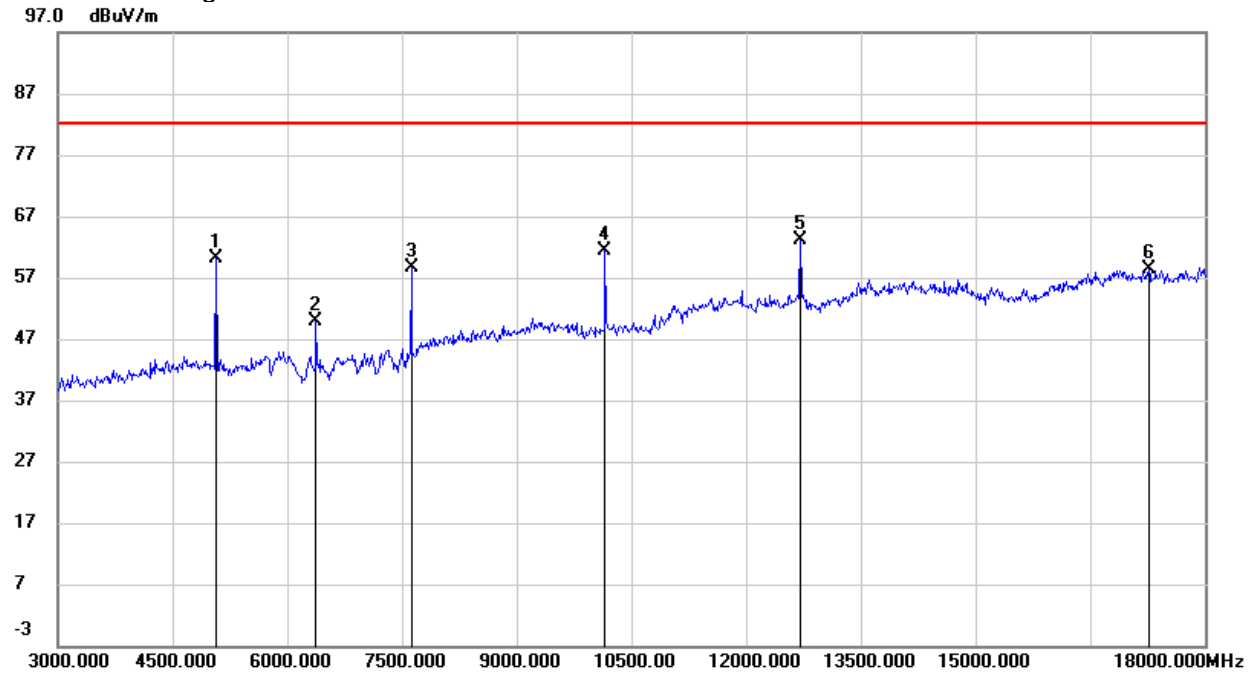
40M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5055.000	57.36	2.21	59.57	82.25	-22.68	peak
2	7590.000	48.78	8.02	56.80	82.25	-25.45	peak
3	10125.000	45.81	12.72	58.53	82.25	-23.72	peak
4	12660.000	42.85	18.13	60.98	82.25	-21.27	peak
5	14490.000	34.74	21.60	56.34	82.25	-25.91	peak
6	17205.000	33.20	25.32	58.52	82.25	-23.73	peak

40M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5070.000	53.08	1.01	54.09	82.25	-28.16	peak
2	7620.000	47.15	7.55	54.70	82.25	-27.55	peak
3	10155.000	46.52	13.29	59.81	82.25	-22.44	peak
4	12705.000	39.56	19.25	58.81	82.25	-23.44	peak
5	13620.000	34.87	22.65	57.52	82.25	-24.73	peak
6	17985.000	30.16	29.49	59.65	82.25	-22.60	peak

40M BPSK- High Channel-Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5070.000	57.81	2.21	60.02	82.25	-22.23	peak
2	6375.000	44.68	5.19	49.87	82.25	-32.38	peak
3	7620.000	50.54	8.05	58.59	82.25	-23.66	peak
4	10155.000	48.69	12.75	61.44	82.25	-20.81	peak
5	12705.000	44.97	18.22	63.19	82.25	-19.06	peak
6	17265.000	33.04	25.34	58.38	82.25	-23.87	peak

Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.4. NR n38

40M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5160.000	53.11	1.10	54.21	82.25	-28.04	peak
2	7755.000	47.36	7.66	55.02	82.25	-27.23	peak
3	10350.000	40.72	13.43	54.15	82.25	-28.10	peak
4	12270.000	36.21	18.81	55.02	82.25	-27.23	peak
5	13545.000	34.45	22.52	56.97	82.25	-25.28	peak
6	17775.000	32.17	27.42	59.59	82.25	-22.66	peak

40M BPSK-Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5160.000	50.41	2.30	52.71	82.25	-29.54	peak
2	7755.000	52.16	8.16	60.32	82.25	-21.93	peak
3	10350.000	47.09	13.08	60.17	82.25	-22.08	peak
4	12720.000	37.82	18.26	56.08	82.25	-26.17	peak
5	14205.000	35.09	22.26	57.35	82.25	-24.90	peak
6	16860.000	32.95	25.00	57.95	82.25	-24.30	peak

40M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	46.17	1.12	47.29	82.25	-34.96	peak
2	7770.000	43.56	7.68	51.24	82.25	-31.01	peak
3	10365.000	40.54	13.44	53.98	82.25	-28.27	peak
4	11640.000	36.17	18.23	54.40	82.25	-27.85	peak
5	13875.000	34.66	23.26	57.92	82.25	-24.33	peak
6	17925.000	30.86	28.87	59.73	82.25	-22.52	peak

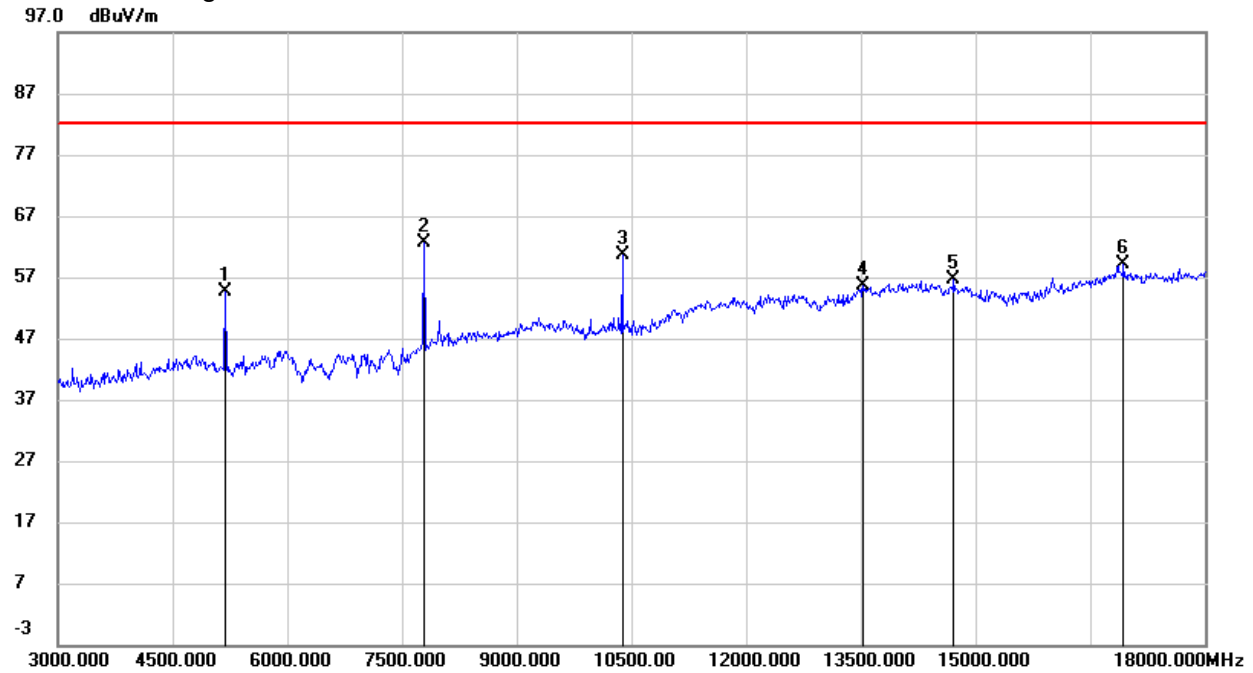
40M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	53.05	2.32	55.37	82.25	-26.88	peak
2	6405.000	43.40	5.24	48.64	82.25	-33.61	peak
3	7770.000	53.36	8.18	61.54	82.25	-20.71	peak
4	10365.000	48.36	13.10	61.46	82.25	-20.79	peak
5	13620.000	35.99	20.97	56.96	82.25	-25.29	peak
6	17280.000	33.02	25.35	58.37	82.25	-23.88	peak

40M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5190.000	47.39	1.13	48.52	82.25	-33.73	peak
2	7785.000	51.24	7.68	58.92	82.25	-23.33	peak
3	10380.000	40.24	13.46	53.70	82.25	-28.55	peak
4	12150.000	36.26	18.73	54.99	82.25	-27.26	peak
5	13455.000	35.67	22.27	57.94	82.25	-24.31	peak
6	17985.000	31.60	29.49	61.09	82.25	-21.16	peak

40M BPSK- High Channel-Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5190.000	52.23	2.33	54.56	82.25	-27.69	peak
2	7785.000	54.41	8.18	62.59	82.25	-19.66	peak
3	10380.000	47.44	13.14	60.58	82.25	-21.67	peak
4	13530.000	34.93	20.80	55.73	82.25	-26.52	peak
5	14715.000	35.59	21.10	56.69	82.25	-25.56	peak
6	16935.000	34.12	25.10	59.22	82.25	-23.03	peak

Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.5. NR n41

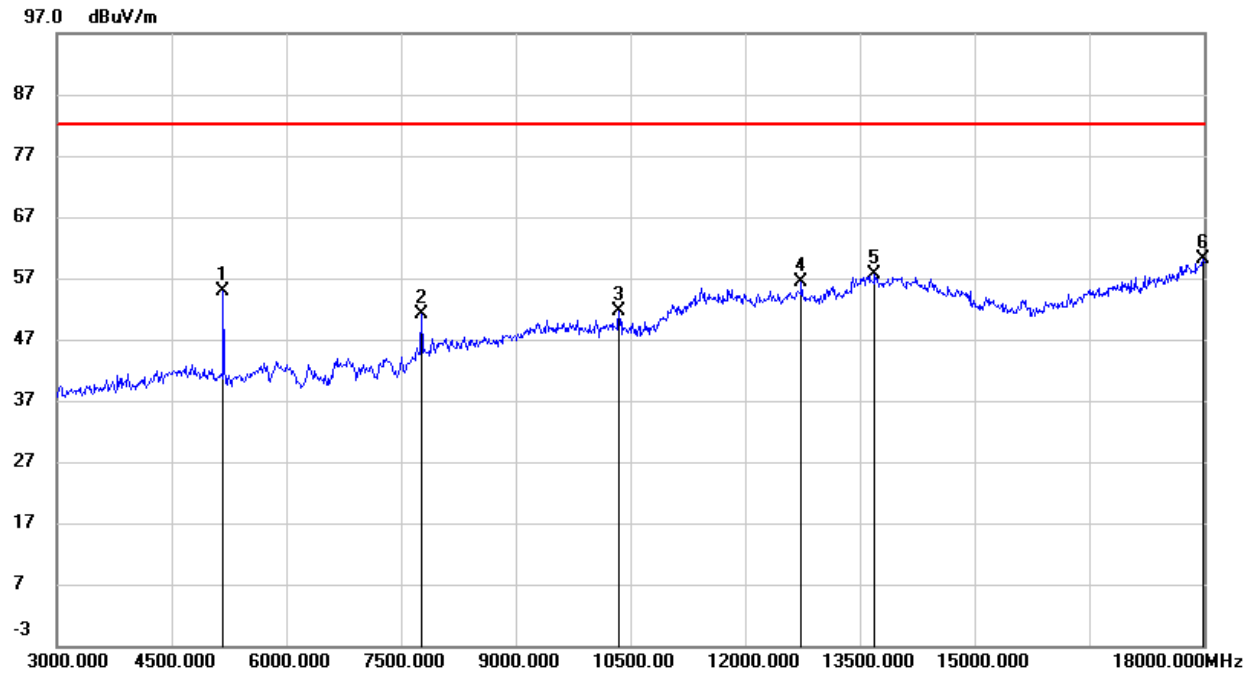
100M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.000	50.80	1.03	51.83	82.25	-30.42	peak
2	7620.000	42.47	7.55	50.02	82.25	-32.23	peak
3	10170.000	37.99	13.28	51.27	82.25	-30.98	peak
4	12720.000	36.23	19.29	55.52	82.25	-26.73	peak
5	14010.000	34.38	23.78	58.16	82.25	-24.09	peak
6	17985.000	30.40	29.49	59.89	82.25	-22.36	peak

100M BPSK-Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.000	47.66	2.23	49.89	82.25	-32.36	peak
2	7620.000	43.56	8.05	51.61	82.25	-30.64	peak
3	10170.000	42.53	12.75	55.28	82.25	-26.97	peak
4	12735.000	36.66	18.29	54.95	82.25	-27.30	peak
5	14280.000	34.40	22.05	56.45	82.25	-25.80	peak
6	16890.000	33.08	25.05	58.13	82.25	-24.12	peak

BPSK-Mid Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	53.74	1.12	54.86	82.25	-27.39	peak
2	7770.000	43.55	7.68	51.23	82.25	-31.02	peak
3	10350.000	38.08	13.43	51.51	82.25	-30.74	peak
4	12735.000	36.98	19.33	56.31	82.25	-25.94	peak
5	13695.000	34.87	22.77	57.64	82.25	-24.61	peak
6	17985.000	30.69	29.49	60.18	82.25	-22.07	peak

100M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	51.72	2.32	54.04	82.25	-28.21	peak
2	7770.000	45.02	8.18	53.20	82.25	-29.05	peak
3	10350.000	46.04	13.08	59.12	82.25	-23.13	peak
4	12345.000	36.91	17.94	54.85	82.25	-27.40	peak
5	14145.000	34.75	22.24	56.99	82.25	-25.26	peak
6	17040.000	33.16	25.21	58.37	82.25	-23.88	peak

100M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5265.000	46.79	1.32	48.11	82.25	-34.14	peak
2	7905.000	47.51	7.88	55.39	82.25	-26.86	peak
3	10545.000	38.90	13.86	52.76	82.25	-29.49	peak
4	11775.000	37.21	18.45	55.66	82.25	-26.59	peak
5	13875.000	34.75	23.26	58.01	82.25	-24.24	peak
6	18000.000	30.34	29.64	59.98	82.25	-22.27	peak

100M BPSK- High Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5265.000	47.25	2.52	49.77	82.25	-32.48	peak
2	7905.000	47.76	8.38	56.14	82.25	-26.11	peak
3	10545.000	43.62	13.61	57.23	82.25	-25.02	peak
4	12750.000	36.52	18.32	54.84	82.25	-27.41	peak
5	16860.000	33.23	25.00	58.23	82.25	-24.02	peak
6	17775.000	32.69	26.21	58.90	82.25	-23.35	peak

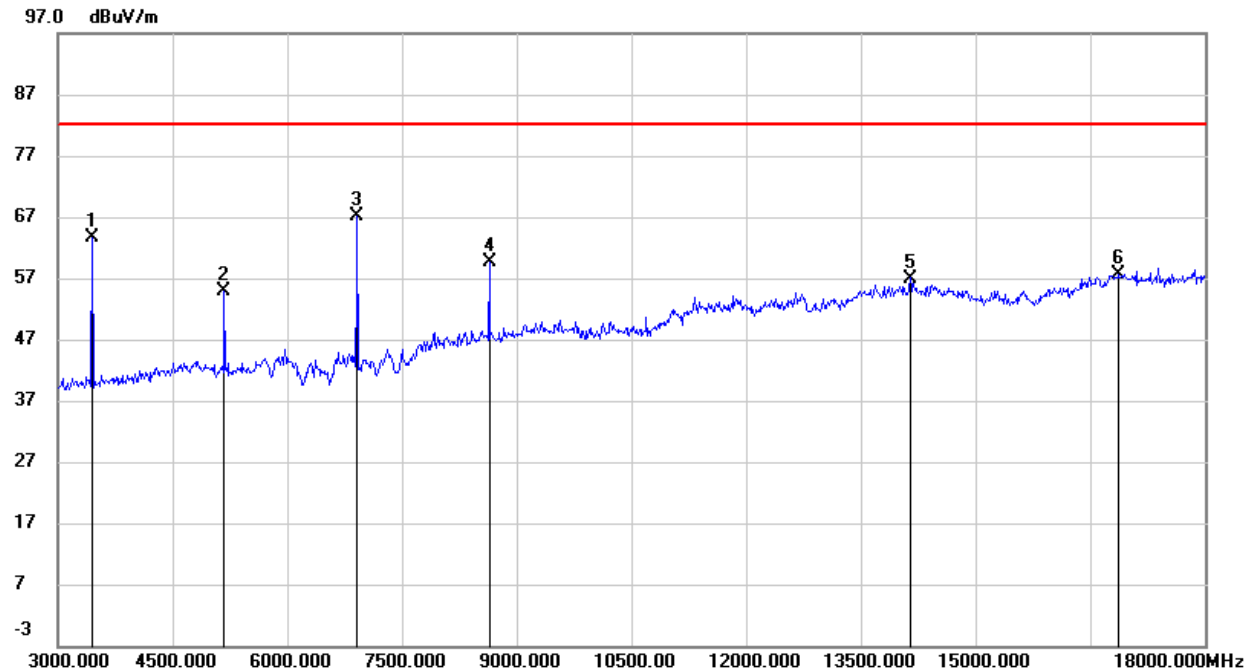
Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.6. NR n66

40M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3450.000	64.84	-3.88	60.96	82.25	-21.29	peak
2	5175.000	48.66	1.12	49.78	82.25	-32.47	peak
3	6915.000	57.63	6.15	63.78	82.25	-18.47	peak
4	8640.000	43.74	9.36	53.10	82.25	-29.15	peak
5	13800.000	35.86	22.93	58.79	82.25	-23.46	peak
6	17880.000	31.44	28.42	59.86	82.25	-22.39	peak

40M BPSK-Low Channel-Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3450.000	66.50	-2.85	63.65	82.25	-18.60	peak
2	5175.000	52.45	2.32	54.77	82.25	-27.48	peak
3	6915.000	59.99	7.04	67.03	82.25	-15.22	peak
4	8640.000	49.84	9.90	59.74	82.25	-22.51	peak
5	14145.000	34.76	22.24	57.00	82.25	-25.25	peak
6	16875.000	32.64	25.02	57.66	82.25	-24.59	peak

40M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3480.000	63.10	-3.82	59.28	82.25	-22.97	peak
2	5220.000	48.34	1.19	49.53	82.25	-32.72	peak
3	6975.000	54.54	6.30	60.84	82.25	-21.41	peak
4	8715.000	44.33	9.46	53.79	82.25	-28.46	peak
5	14070.000	33.64	23.65	57.29	82.25	-24.96	peak
6	17940.000	31.08	29.03	60.11	82.25	-22.14	peak

40M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3480.000	65.09	-2.81	62.28	82.25	-19.97	peak
2	5220.000	50.45	2.39	52.84	82.25	-29.41	peak
3	6975.000	59.53	7.19	66.72	82.25	-15.53	peak
4	8715.000	48.45	9.97	58.42	82.25	-23.83	peak
5	13635.000	35.67	21.01	56.68	82.25	-25.57	peak
6	16935.000	33.02	25.10	58.12	82.25	-24.13	peak

40M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3510.000	61.87	-3.76	58.11	82.25	-24.14	peak
2	5265.000	45.10	1.32	46.42	82.25	-35.83	peak
3	7035.000	53.72	6.45	60.17	82.25	-22.08	peak
4	11520.000	38.08	18.01	56.09	82.25	-26.16	peak
5	13995.000	33.91	23.78	57.69	82.25	-24.56	peak
6	18000.000	30.27	29.64	59.91	82.25	-22.34	peak

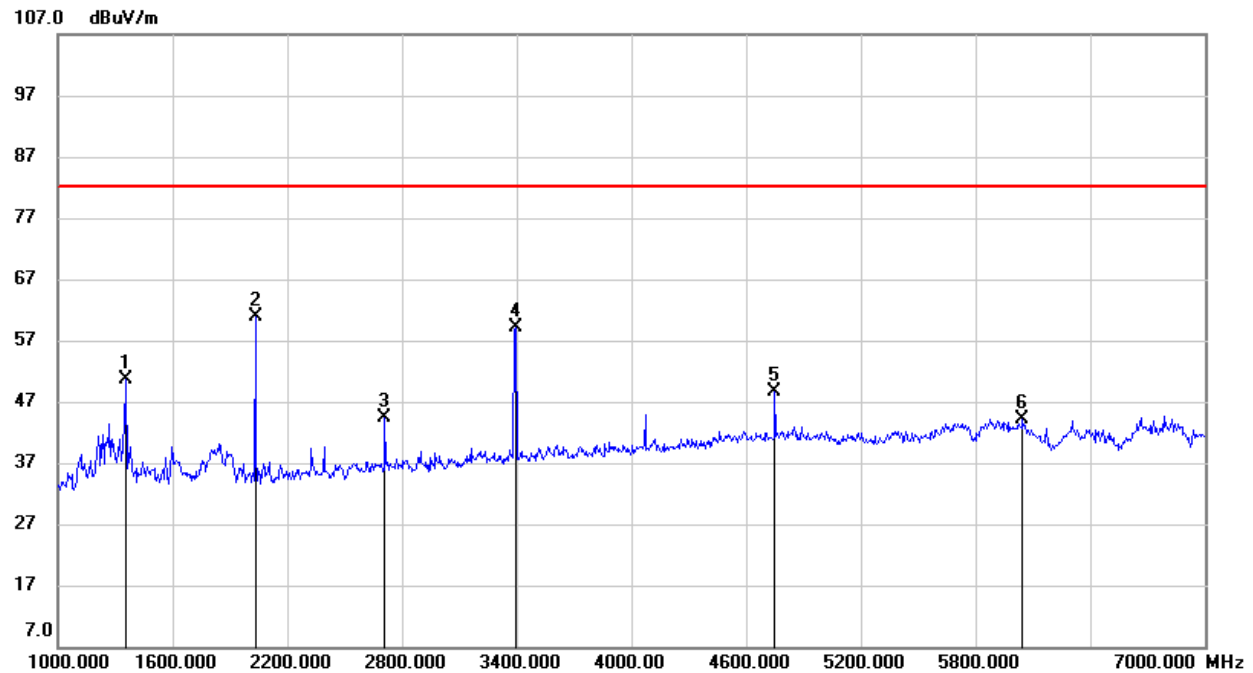
40M BPSK- High Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3510.000	59.49	-2.76	56.73	82.25	-25.52	peak
2	5265.000	48.33	2.52	50.85	82.25	-31.40	peak
3	7035.000	54.90	7.32	62.22	82.25	-20.03	peak
4	8790.000	46.20	10.03	56.23	82.25	-26.02	peak
5	14040.000	34.83	22.21	57.04	82.25	-25.21	peak
6	16425.000	34.82	23.81	58.63	82.25	-23.62	peak

Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.7. NR n71

20M BPSK-Mid Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1354.000	63.19	-12.47	50.72	82.25	-31.53	peak
2	2032.000	71.00	-10.07	60.93	82.25	-21.32	peak
3	2710.000	51.65	-7.36	44.29	82.25	-37.96	peak
4	3394.000	63.89	-4.73	59.16	82.25	-23.09	peak
5	4750.000	48.48	0.08	48.56	82.25	-33.69	peak
6	6046.000	40.42	3.75	44.17	82.25	-38.08	peak

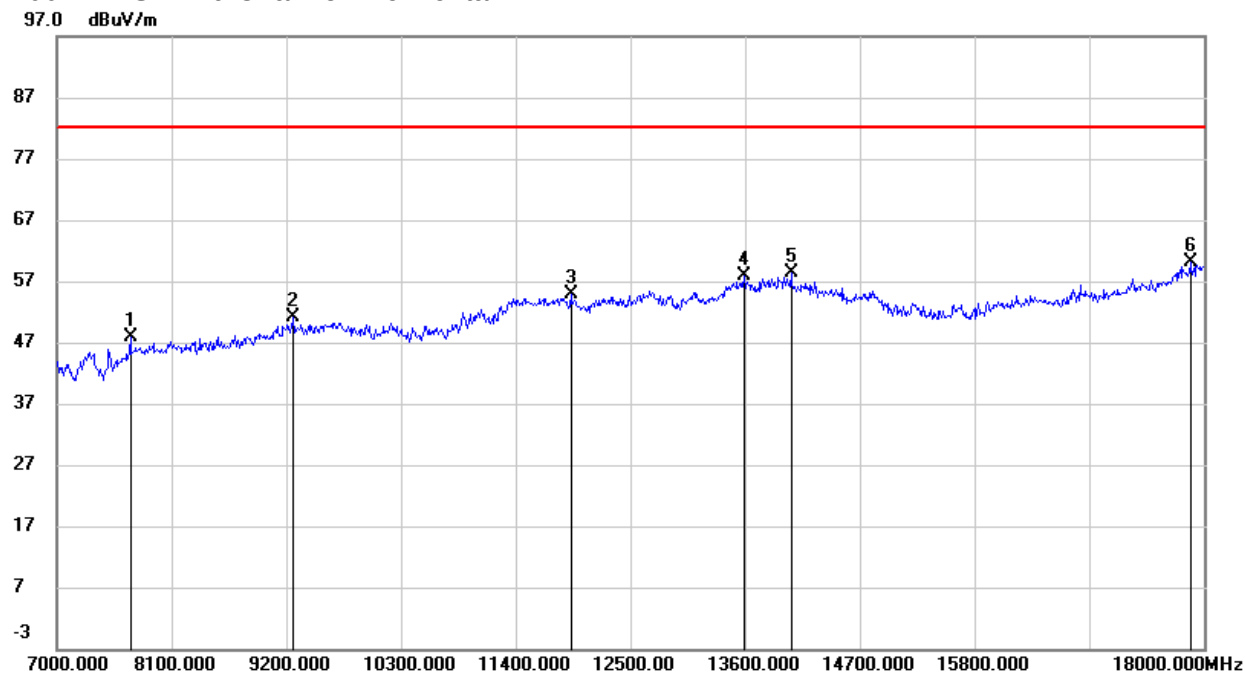
20M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1234.000	61.74	-12.43	49.31	82.25	-32.94	peak
2	1354.000	61.19	-12.19	49.00	82.25	-33.25	peak
3	2032.000	63.39	-9.17	54.22	82.25	-28.03	peak
4	3388.000	58.59	-3.67	54.92	82.25	-27.33	peak
5	4750.000	52.35	1.13	53.48	82.25	-28.77	peak
6	5944.000	40.50	4.48	44.98	82.25	-37.27	peak

Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.8. NR n77 (3450-3550 MHz)

100M BPSK-Mid Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7704.000	39.91	7.93	47.84	82.25	-34.41	peak
2	9266.000	39.41	11.78	51.19	82.25	-31.06	peak
3	11928.000	36.51	18.32	54.83	82.25	-27.42	peak
4	13589.000	35.61	22.20	57.81	82.25	-24.44	peak
5	14040.000	34.84	23.44	58.28	82.25	-23.97	peak
6	17868.000	32.01	28.21	60.22	82.25	-22.03	peak

100M BPSK-Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7990.000	41.88	8.57	50.45	82.25	-31.80	peak
2	11532.000	37.14	16.44	53.58	82.25	-28.67	peak
3	12709.000	36.34	18.58	54.92	82.25	-27.33	peak
4	13908.000	34.87	21.62	56.49	82.25	-25.76	peak
5	14161.000	34.94	21.76	56.70	82.25	-25.55	peak
6	16867.000	33.51	24.17	57.68	82.25	-24.57	peak

Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.9. NR n77 (3700-3980 MHz)100M BPSK-Low Channel- Horizontal

100M BPSK- Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7484.000	53.95	7.83	61.78	82.25	-20.47	peak
2	11400.000	37.72	17.36	55.08	82.25	-27.17	peak
3	12709.000	36.39	19.60	55.99	82.25	-26.26	peak
4	13611.000	35.56	22.25	57.81	82.25	-24.44	peak
5	14007.000	34.31	23.59	57.90	82.25	-24.35	peak
6	17934.000	31.77	28.91	60.68	82.25	-21.57	peak

100M BPSK- Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7484.000	58.56	8.34	66.90	82.25	-15.35	peak
2	9321.000	39.38	12.10	51.48	82.25	-30.77	peak
3	12731.000	36.34	18.66	55.00	82.25	-27.25	peak
4	13501.000	35.81	20.34	56.15	82.25	-26.10	peak
5	14986.000	38.07	20.02	58.09	82.25	-24.16	peak
6	17241.000	32.76	24.94	57.70	82.25	-24.55	peak

100M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7671.000	49.27	7.91	57.18	82.25	-25.07	peak
2	9816.000	37.80	13.77	51.57	82.25	-30.68	peak
3	11631.000	36.73	18.08	54.81	82.25	-27.44	peak
4	13633.000	34.96	22.31	57.27	82.25	-24.98	peak
5	13996.000	34.51	23.59	58.10	82.25	-24.15	peak
6	17934.000	30.66	28.91	59.57	82.25	-22.68	peak

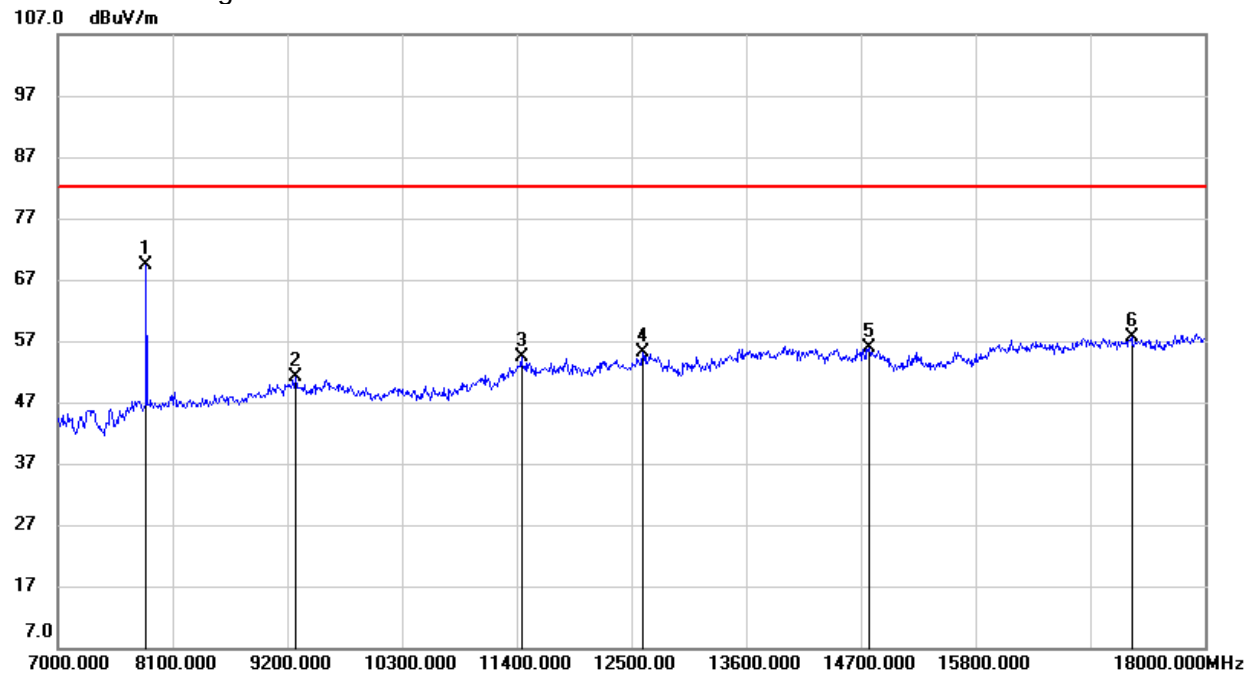
100M BPSK- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7671.000	56.88	8.41	65.29	82.25	-16.96	peak
2	11598.000	36.28	16.68	52.96	82.25	-29.29	peak
3	13457.000	35.80	20.21	56.01	82.25	-26.24	peak
4	14810.000	35.52	20.57	56.09	82.25	-26.16	peak
5	16834.000	32.89	24.11	57.00	82.25	-25.25	peak
6	17802.000	31.86	26.18	58.04	82.25	-24.21	peak

100M BPSK-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	55.21	8.03	63.24	82.25	-19.01	peak
2	11345.000	37.60	17.04	54.64	82.25	-27.61	peak
3	12720.000	37.44	19.65	57.09	82.25	-25.16	peak
4	13842.000	35.09	22.96	58.05	82.25	-24.20	peak
5	17989.000	30.40	29.49	59.89	82.25	-22.36	peak

100M BPSK- High Channel-Vertical



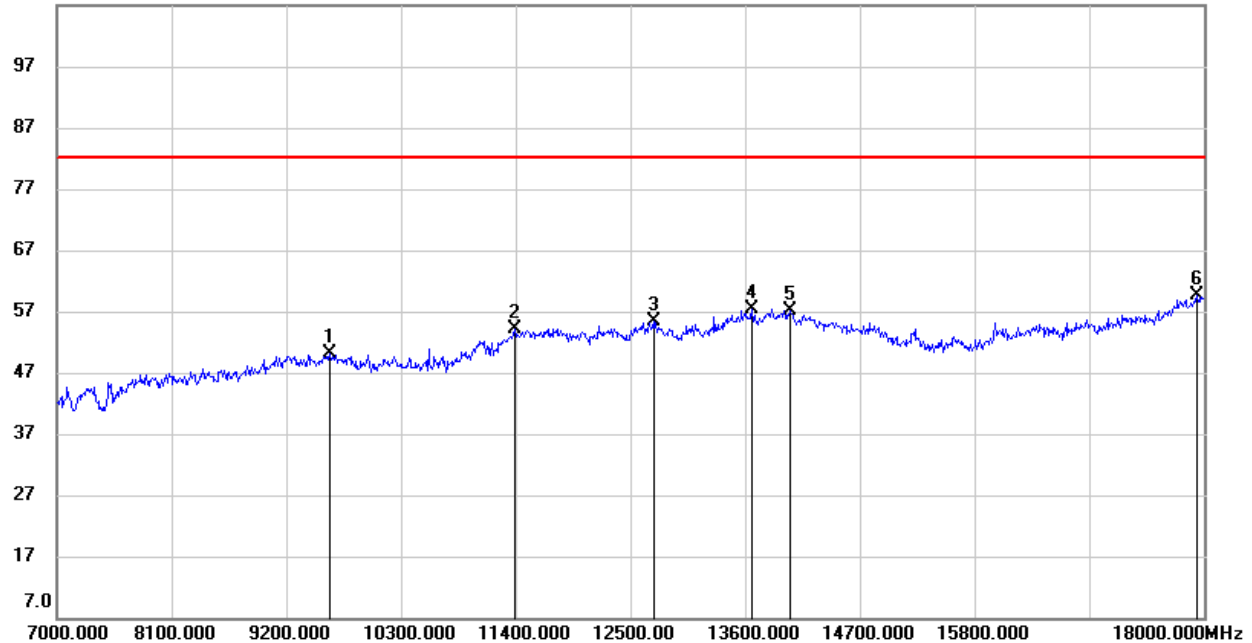
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	60.83	8.53	69.36	82.25	-12.89	peak
2	9277.000	39.08	11.99	51.07	82.25	-31.18	peak
3	11444.000	38.11	16.15	54.26	82.25	-27.99	peak
4	12610.000	36.82	18.24	55.06	82.25	-27.19	peak
5	14777.000	35.35	20.62	55.97	82.25	-26.28	peak
6	17296.000	32.66	24.98	57.64	82.25	-24.61	peak

Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.10. NR n78 (3450-3550 MHz)

100M BPSK-Mid Channel- Horizontal

107.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9618.000	36.66	13.49	50.15	82.25	-32.10	peak
2	11389.000	36.79	17.30	54.09	82.25	-28.16	peak
3	12720.000	35.61	19.65	55.26	82.25	-26.99	peak
4	13666.000	35.01	22.41	57.42	82.25	-24.83	peak
5	14029.000	33.59	23.49	57.08	82.25	-25.17	peak
6	17934.000	30.79	28.91	59.70	82.25	-22.55	peak

100M BPSK-Mid Channel-Vertical

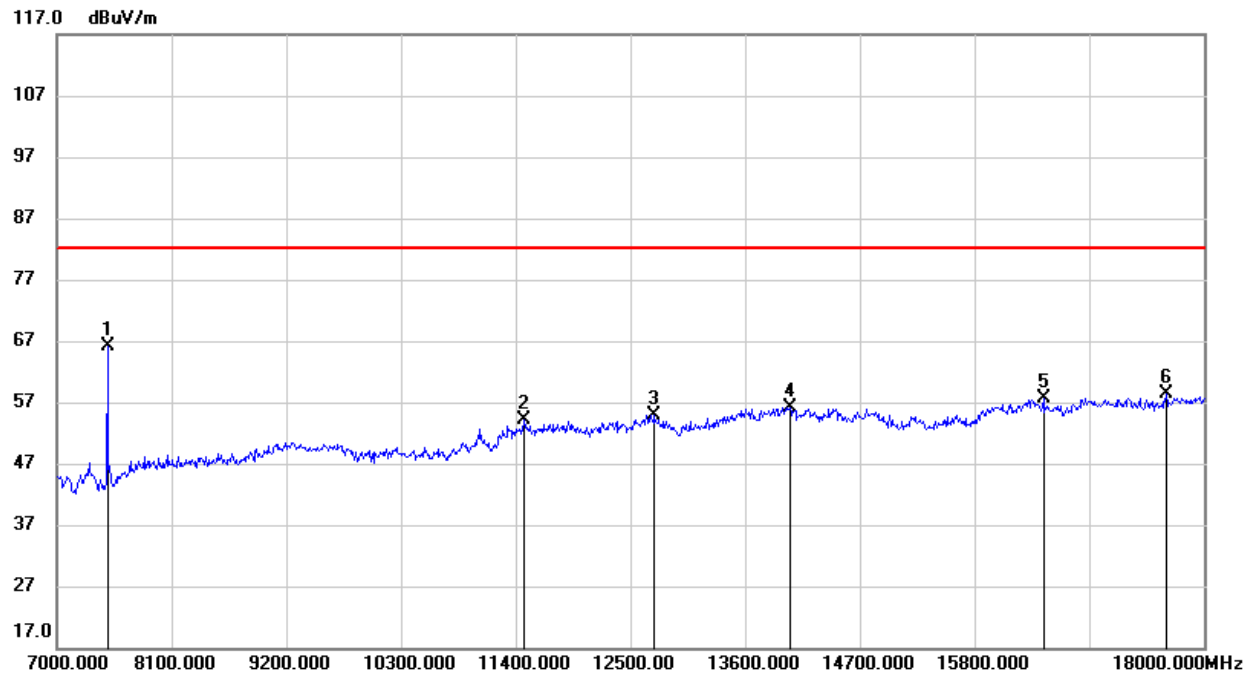
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9222.000	38.92	11.86	50.78	82.25	-31.47	peak
2	11411.000	37.83	16.04	53.87	82.25	-28.38	peak
3	12676.000	36.25	18.47	54.72	82.25	-27.53	peak
4	13908.000	34.33	21.62	55.95	82.25	-26.30	peak
5	14425.000	35.08	20.98	56.06	82.25	-26.19	peak
6	16856.000	33.60	24.14	57.74	82.25	-24.51	peak

8.1.11. NR n78 (3700-3800 MHz)

100M BPSK-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7484.000	55.03	7.83	62.86	82.25	-19.39	peak
2	9585.000	37.97	13.38	51.35	82.25	-30.90	peak
3	11554.000	36.84	17.97	54.81	82.25	-27.44	peak
4	12709.000	36.97	19.60	56.57	82.25	-25.68	peak
5	13985.000	34.48	23.55	58.03	82.25	-24.22	peak
6	17978.000	31.92	29.38	61.30	82.25	-20.95	peak

100M BPSK- Mid Channel-Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7484.000	57.67	8.34	66.01	82.25	-16.24	peak
2	11477.000	37.97	16.26	54.23	82.25	-28.02	peak
3	12731.000	36.28	18.66	54.94	82.25	-27.31	peak
4	14029.000	34.17	21.96	56.13	82.25	-26.12	peak
5	16460.000	33.99	23.58	57.57	82.25	-24.68	peak
6	17637.000	33.05	25.31	58.36	82.25	-23.89	peak

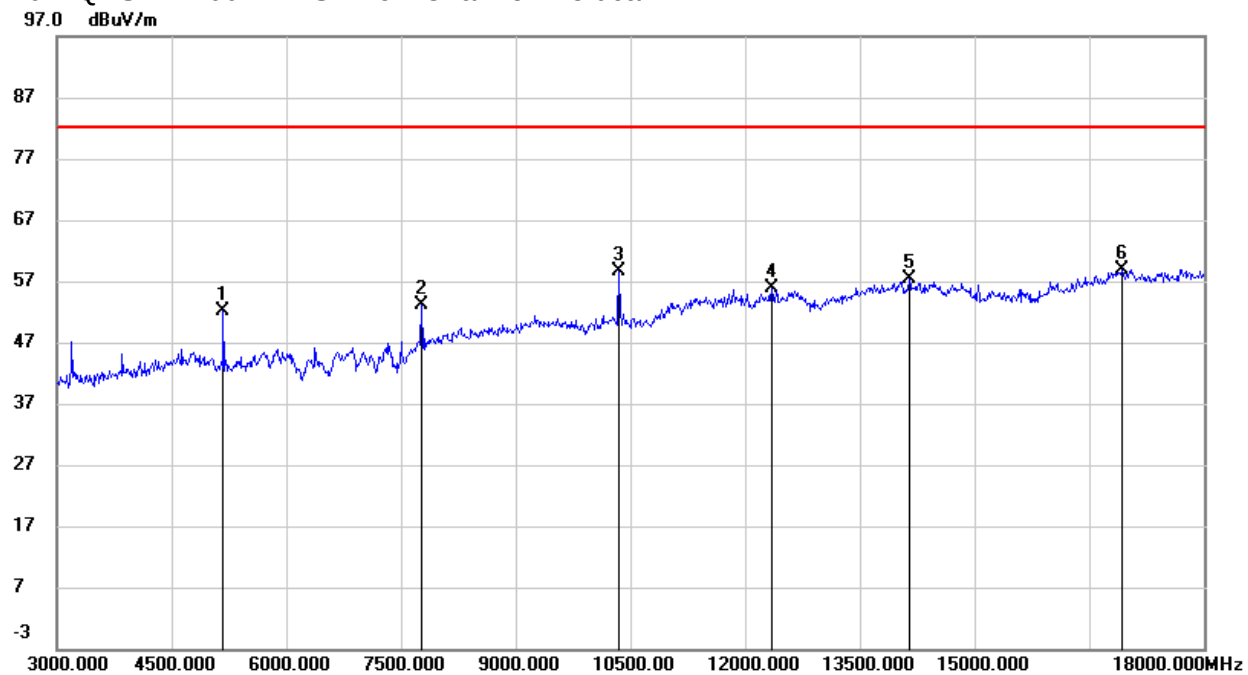
Note: Limit= -13dBm+95.25=82.25 dBuV/m

8.1.12. DC_2A_n41A

20M QPSK + 100M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	51.24	1.12	52.36	82.25	-29.89	peak
2	7770.000	44.05	7.68	51.73	82.25	-30.52	peak
3	10350.000	38.58	13.43	52.01	82.25	-30.24	peak
4	11430.000	36.11	17.72	53.83	82.25	-28.42	peak
5	12735.000	34.98	19.33	54.31	82.25	-27.94	peak
6	17985.000	28.69	29.49	58.18	82.25	-24.07	peak

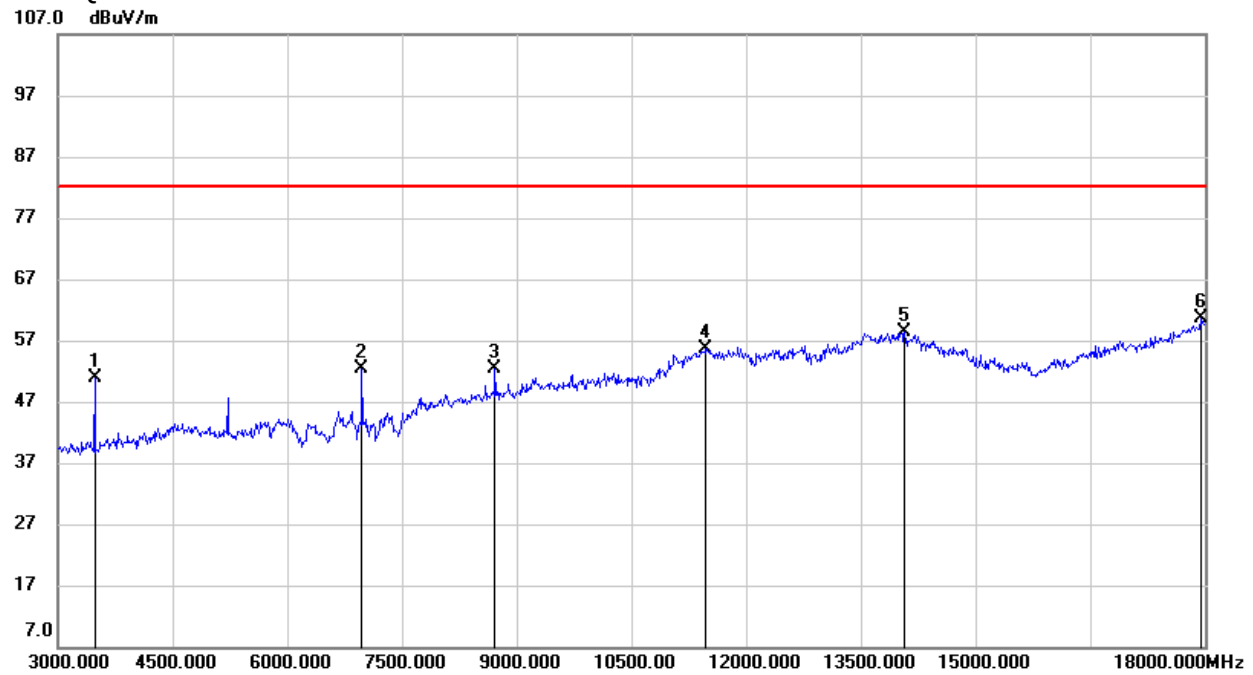
20M QPSK + 100M BPSK-Low Channel- Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	49.72	2.32	52.04	82.25	-30.21	peak
2	7770.000	45.02	8.18	53.20	82.25	-29.05	peak
3	10350.000	45.54	13.08	58.62	82.25	-23.63	peak
4	12345.000	37.91	17.94	55.85	82.25	-26.40	peak
5	14145.000	35.25	22.24	57.49	82.25	-24.76	peak
6	16935.000	33.73	25.10	58.83	82.25	-23.42	peak

8.1.13. DC_2A_n66A

20M QPSK + 40M BPSK-Low Channel- Horizontal

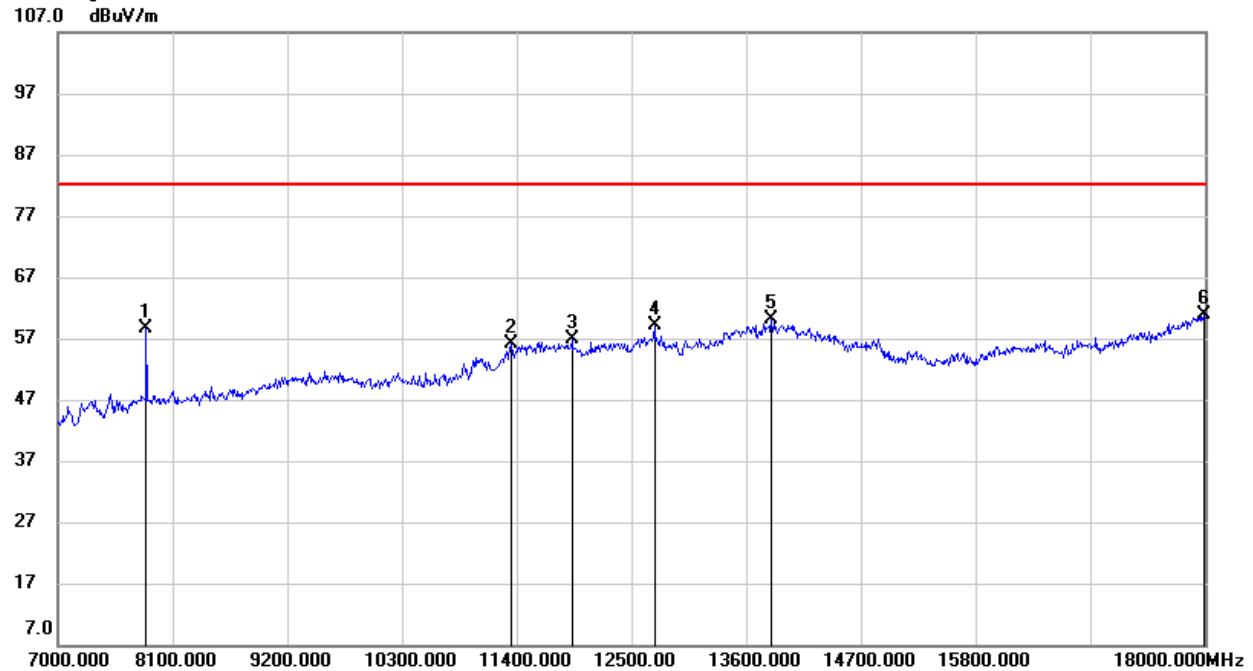


20M QPSK + 40M BPSK-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5220.000	46.95	2.39	49.34	82.25	-32.91	peak
2	6975.000	48.03	7.19	55.22	82.25	-27.03	peak
3	9645.000	39.04	12.73	51.77	82.25	-30.48	peak
4	11880.000	35.21	17.39	52.60	82.25	-29.65	peak
5	13635.000	34.17	21.01	55.18	82.25	-27.07	peak
6	17760.000	30.10	26.16	56.26	82.25	-25.99	peak

8.1.14. DC_2A_n71A

20M QPSK + 20M BPSK-Low Channel- Horizontal



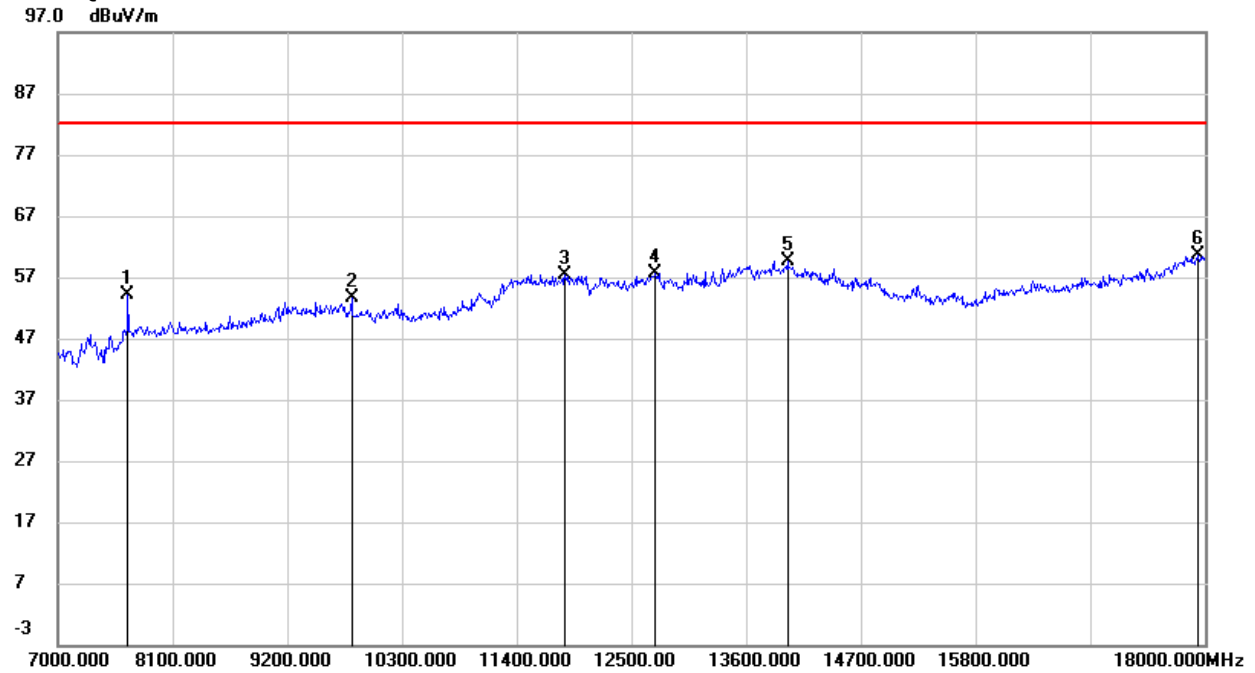
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	50.71	8.03	58.74	82.25	-23.51	peak
2	11345.000	39.10	17.04	56.14	82.25	-26.11	peak
3	11928.000	38.59	18.32	56.91	82.25	-25.34	peak
4	12720.000	39.44	19.65	59.09	82.25	-23.16	peak
5	13842.000	37.09	22.96	60.05	82.25	-22.20	peak
6	17989.000	31.40	29.49	60.89	82.25	-21.36	peak

20M QPSK + 20M BPSK-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7847.000	48.83	8.53	57.36	82.25	-24.89	peak
2	11444.000	39.11	16.15	55.26	82.25	-26.99	peak
3	12610.000	38.82	18.24	57.06	82.25	-25.19	peak
4	13974.000	36.13	21.89	58.02	82.25	-24.23	peak
5	16141.000	34.74	23.79	58.53	82.25	-23.72	peak
6	17296.000	34.16	24.98	59.14	82.25	-23.11	peak

8.1.15. DC_2A_n77A

20M QPSK + 100M BPSK-Low Channel- Horizontal

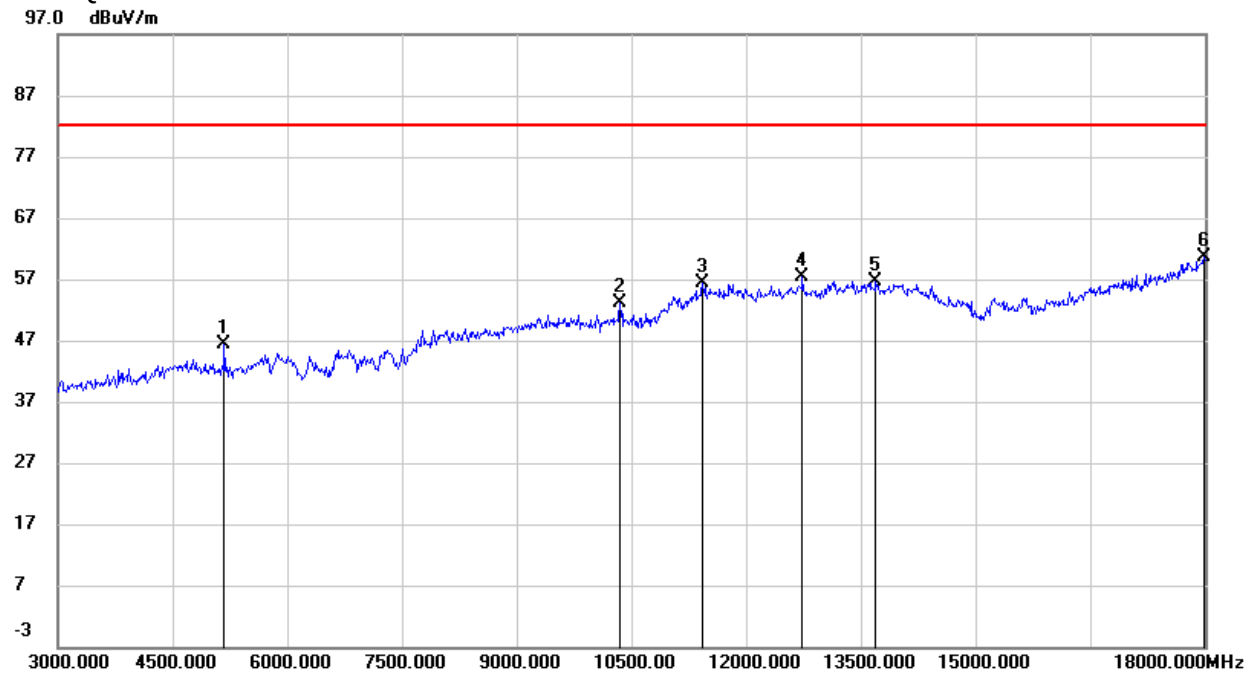


20M QPSK + 100M BPSK-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7671.000	47.88	8.41	56.29	82.25	-25.96	peak
2	11664.000	37.97	16.68	54.65	82.25	-27.60	peak
3	12709.000	37.78	18.58	56.36	82.25	-25.89	peak
4	13457.000	38.30	20.21	58.51	82.25	-23.74	peak
5	14810.000	38.02	20.57	58.59	82.25	-23.66	peak
6	16834.000	34.89	24.11	59.00	82.25	-23.25	peak

8.1.16. DC_4A_n41A

20M QPSK + 100M BPSK-Low Channel- Horizontal



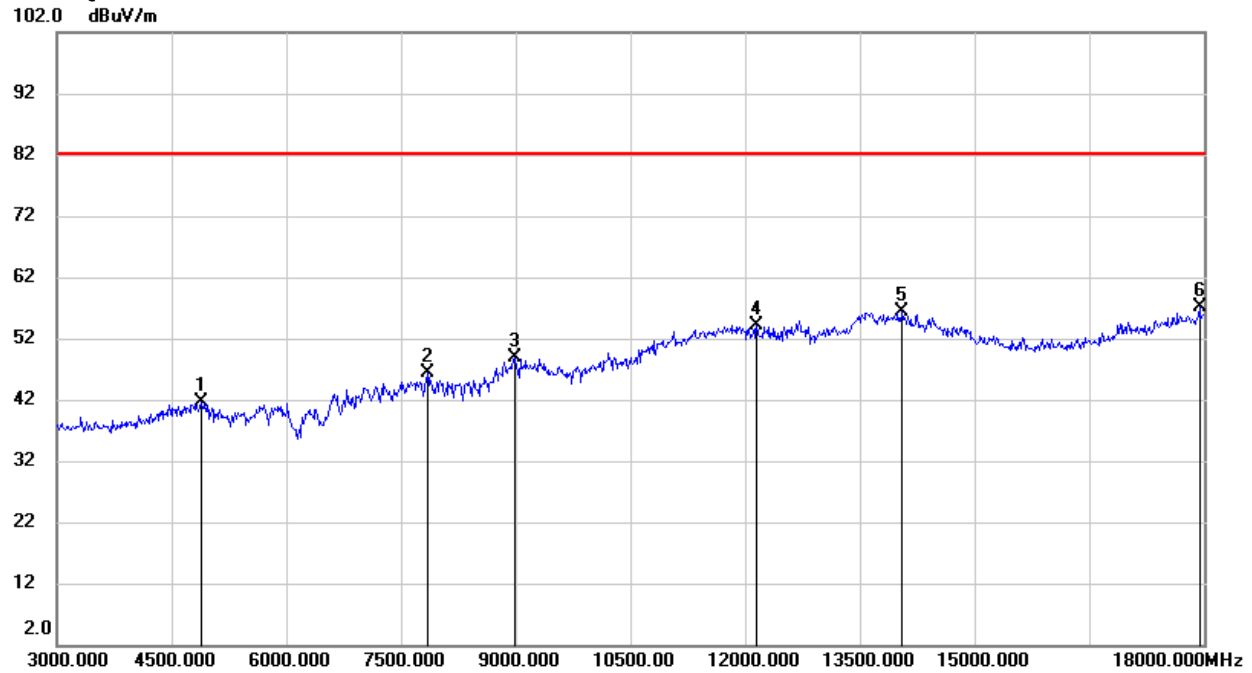
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5175.000	45.24	1.12	46.36	82.25	-35.89	peak
2	10350.000	39.58	13.43	53.01	82.25	-29.24	peak
3	11430.000	38.61	17.72	56.33	82.25	-25.92	peak
4	12735.000	37.98	19.33	57.31	82.25	-24.94	peak
5	13695.000	33.87	22.77	56.64	82.25	-25.61	peak
6	17985.000	31.19	29.49	60.68	82.25	-21.57	peak

20M QPSK + 100M BPSK-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3195.000	50.15	-3.08	47.07	82.25	-35.18	peak
2	7770.000	41.52	8.18	49.70	82.25	-32.55	peak
3	9255.000	39.97	11.51	51.48	82.25	-30.77	peak
4	11850.000	38.28	17.33	55.61	82.25	-26.64	peak
5	14145.000	35.25	22.24	57.49	82.25	-24.76	peak
6	17685.000	32.98	25.95	58.93	82.25	-23.32	peak

8.1.17. DC_5A_n2A

10M QPSK + 20M BPSK-Low Channel- Horizontal



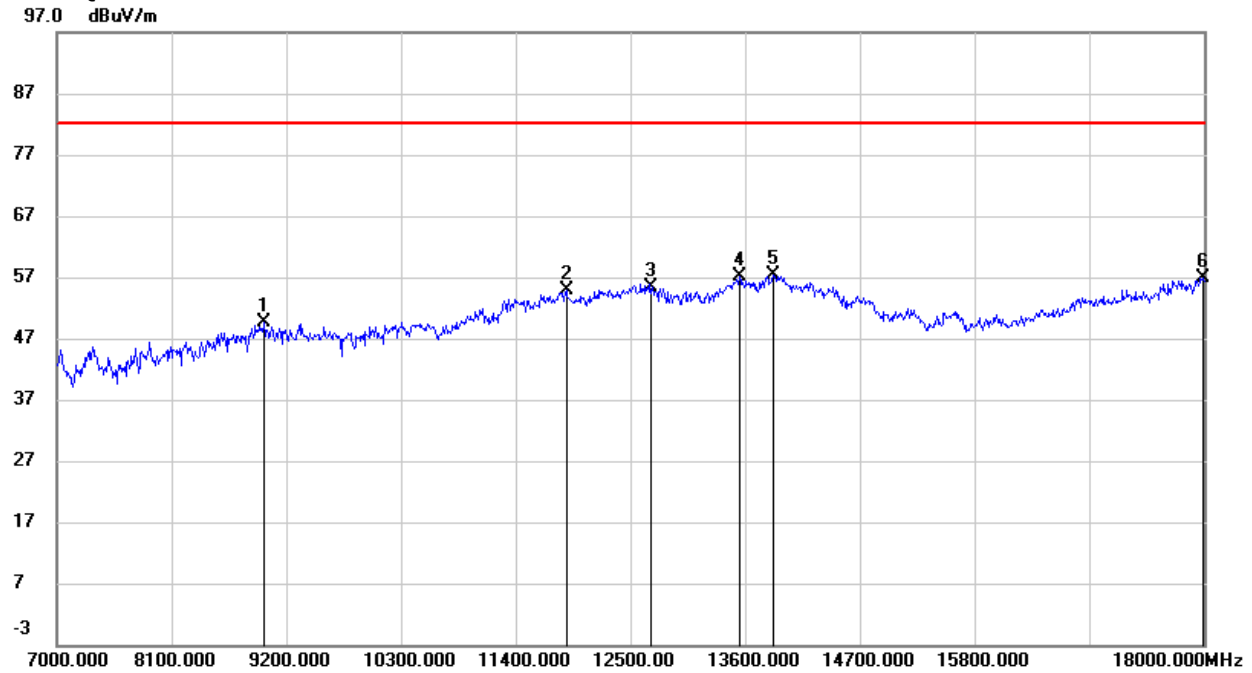
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4890.000	41.69	0.03	41.72	82.25	-40.53	peak
2	7845.000	39.94	6.32	46.26	82.25	-35.99	peak
3	8985.000	38.56	10.37	48.93	82.25	-33.32	peak
4	12150.000	36.34	17.86	54.20	82.25	-28.05	peak
5	14055.000	34.74	21.73	56.47	82.25	-25.78	peak
6	17940.000	31.67	25.34	57.01	82.25	-25.24	peak

10M QPSK + 20M BPSK-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4755.000	42.45	-0.48	41.97	82.25	-40.28	peak
2	7890.000	39.40	6.31	45.71	82.25	-36.54	peak
3	8985.000	38.92	10.37	49.29	82.25	-32.96	peak
4	11910.000	37.19	17.72	54.91	82.25	-27.34	peak
5	13635.000	35.34	21.19	56.53	82.25	-25.72	peak
6	17685.000	32.08	23.82	55.90	82.25	-26.35	peak

8.1.18. DC_7A_n77A

20M QPSK + 100M BPSK-Low Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	37.86	11.73	49.59	82.25	-32.66	peak
2	11884.000	36.80	18.00	54.80	82.25	-27.45	peak
3	12698.000	36.92	18.56	55.48	82.25	-26.77	peak
4	13545.000	35.72	21.41	57.13	82.25	-25.12	peak
5	13864.000	34.87	22.45	57.32	82.25	-24.93	peak
6	17989.000	30.00	26.92	56.92	82.25	-25.33	peak

20M QPSK + 100M BPSK-Low Channel- Vertical

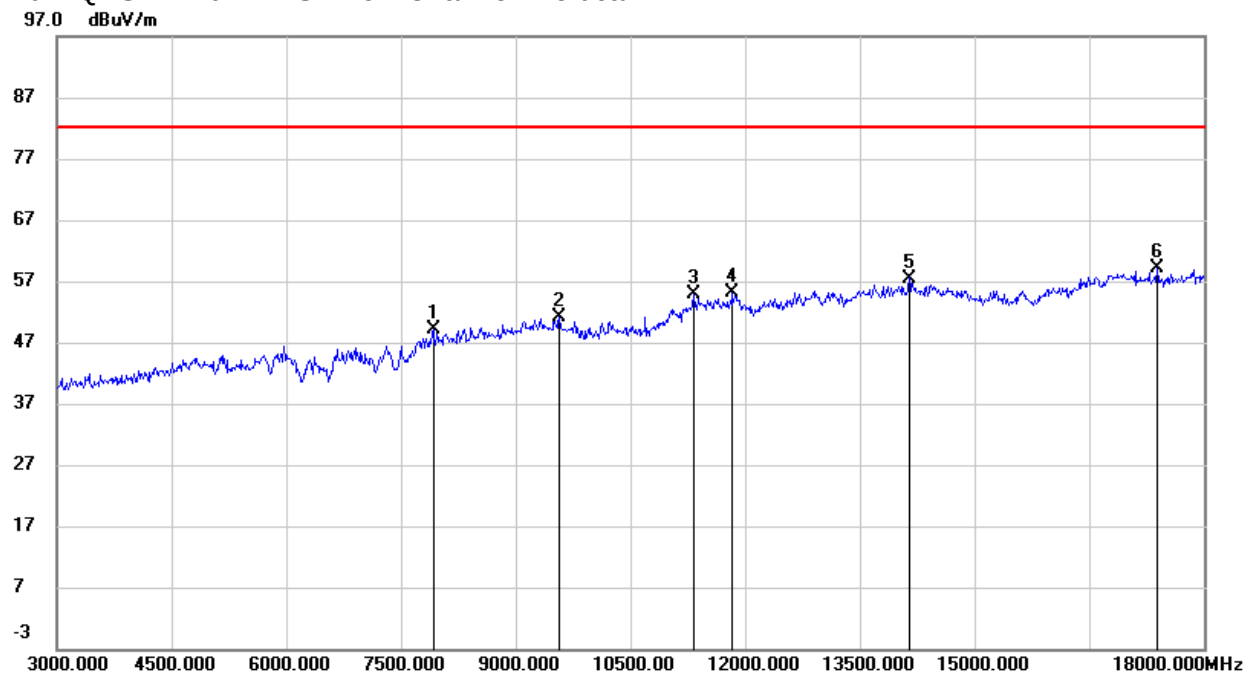
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8991.000	37.56	11.73	49.29	82.25	-32.96	peak
2	11510.000	37.64	16.90	54.54	82.25	-27.71	peak
3	12302.000	36.07	18.79	54.86	82.25	-27.39	peak
4	13457.000	34.87	21.29	56.16	82.25	-26.09	peak
5	13864.000	34.66	22.45	57.11	82.25	-25.14	peak
6	17978.000	29.74	26.88	56.62	82.25	-25.63	peak

8.1.19. DC_12A_n66A

10M QPSK + 40M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5715.000	41.60	2.55	44.15	82.25	-38.10	peak
2	9345.000	39.74	11.71	51.45	82.25	-30.80	peak
3	11040.000	38.70	16.19	54.89	82.25	-27.36	peak
4	12030.000	35.56	18.72	54.28	82.25	-27.97	peak
5	13800.000	34.86	22.93	57.79	82.25	-24.46	peak
6	17880.000	29.94	28.42	58.36	82.25	-23.89	peak

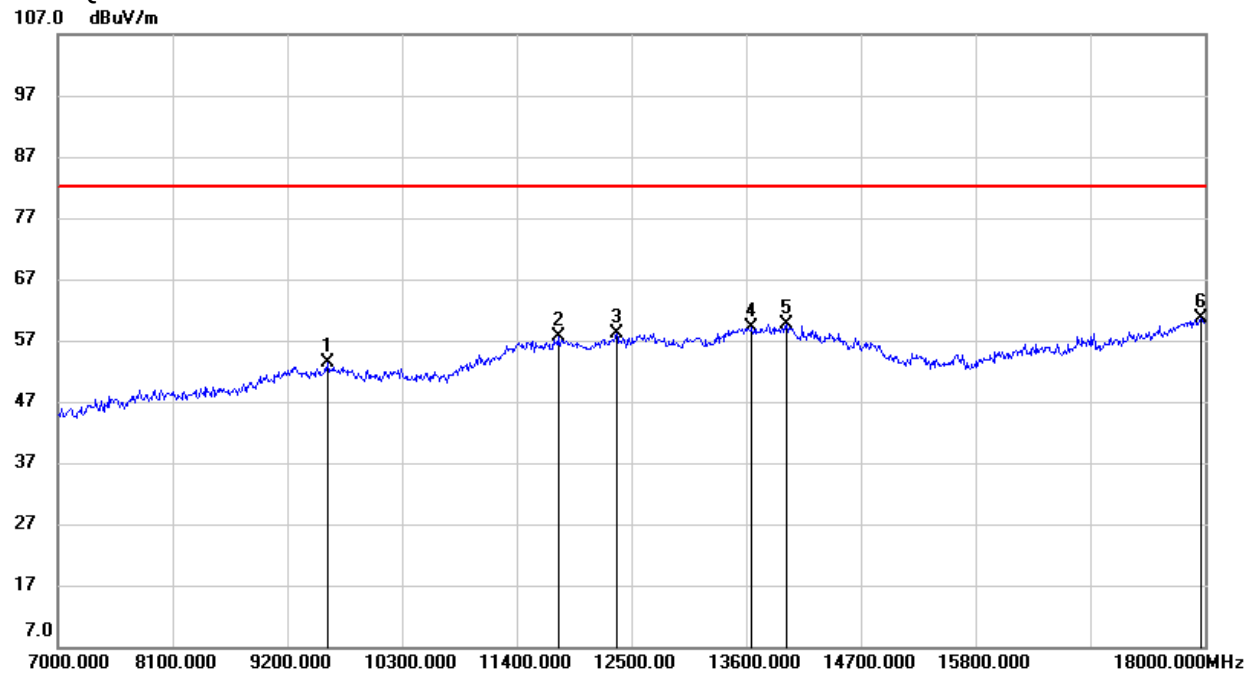
10M QPSK + 40M BPSK-Low Channel- Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7920.000	40.72	8.41	49.13	82.25	-33.12	peak
2	9570.000	38.50	12.60	51.10	82.25	-31.15	peak
3	11325.000	38.81	16.18	54.99	82.25	-27.26	peak
4	11835.000	37.89	17.31	55.20	82.25	-27.05	peak
5	14145.000	35.26	22.24	57.50	82.25	-24.75	peak
6	17385.000	33.83	25.38	59.21	82.25	-23.04	peak

8.1.20. DC_41A_n78A

20M QPSK + 100M BPSK-Low Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9585.000	39.97	13.38	53.35	82.25	-28.90	peak
2	11796.000	39.55	17.99	57.54	82.25	-24.71	peak
3	12357.000	39.24	18.92	58.16	82.25	-24.09	peak
4	13655.000	36.76	22.38	59.14	82.25	-23.11	peak
5	13985.000	35.98	23.55	59.53	82.25	-22.72	peak
6	17956.000	31.55	29.14	60.69	82.25	-21.56	peak

20M QPSK + 100M BPSK-Low Channel- Vertical

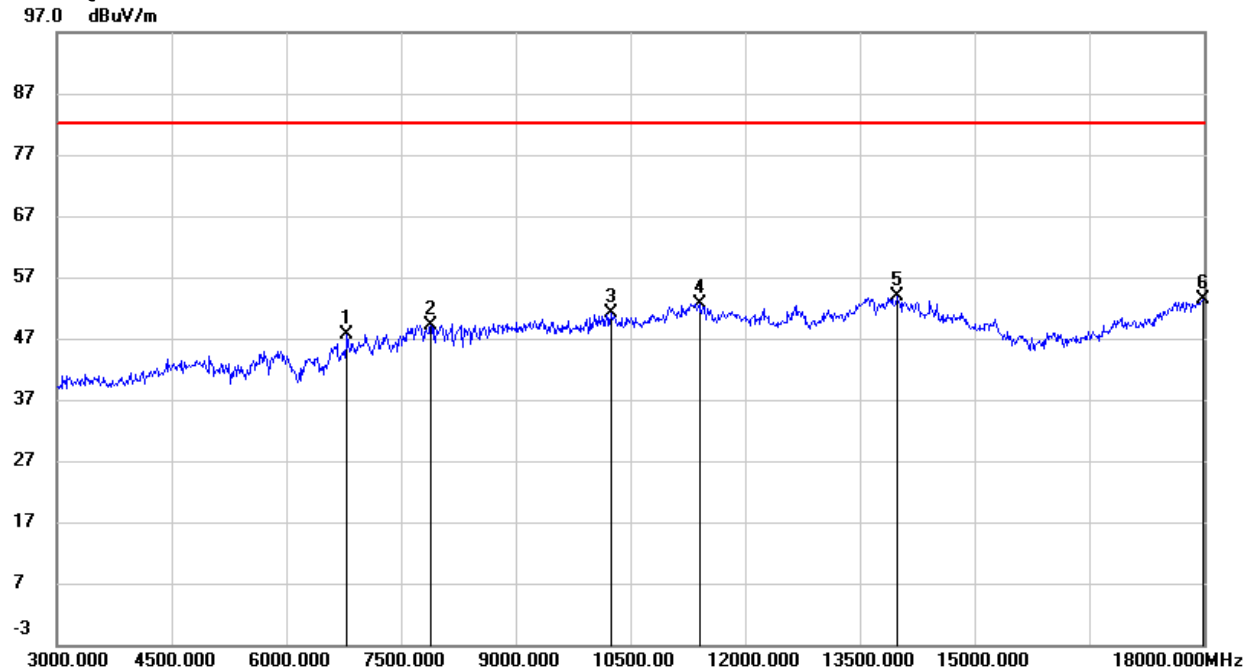
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9255.000	39.51	11.93	51.44	82.25	-30.81	peak
2	11906.000	38.22	17.09	55.31	82.25	-26.94	peak
3	12731.000	38.28	18.66	56.94	82.25	-25.31	peak
4	14029.000	36.17	21.96	58.13	82.25	-24.12	peak
5	16460.000	34.99	23.58	58.57	82.25	-23.68	peak
6	17637.000	34.05	25.31	59.36	82.25	-22.89	peak

8.1.21. DC_66A_n41A

20M QPSK + 100M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6600.000	41.24	4.71	45.95	82.25	-36.30	peak
2	9210.000	40.76	10.57	51.33	82.25	-30.92	peak
3	10215.000	39.68	12.43	52.11	82.25	-30.14	peak
4	11730.000	36.50	17.22	53.72	82.25	-28.53	peak
5	13695.000	32.06	21.31	53.37	82.25	-28.88	peak
6	18000.000	26.91	25.69	52.60	82.25	-29.65	peak

20M QPSK + 100M BPSK-Low Channel- Vertical



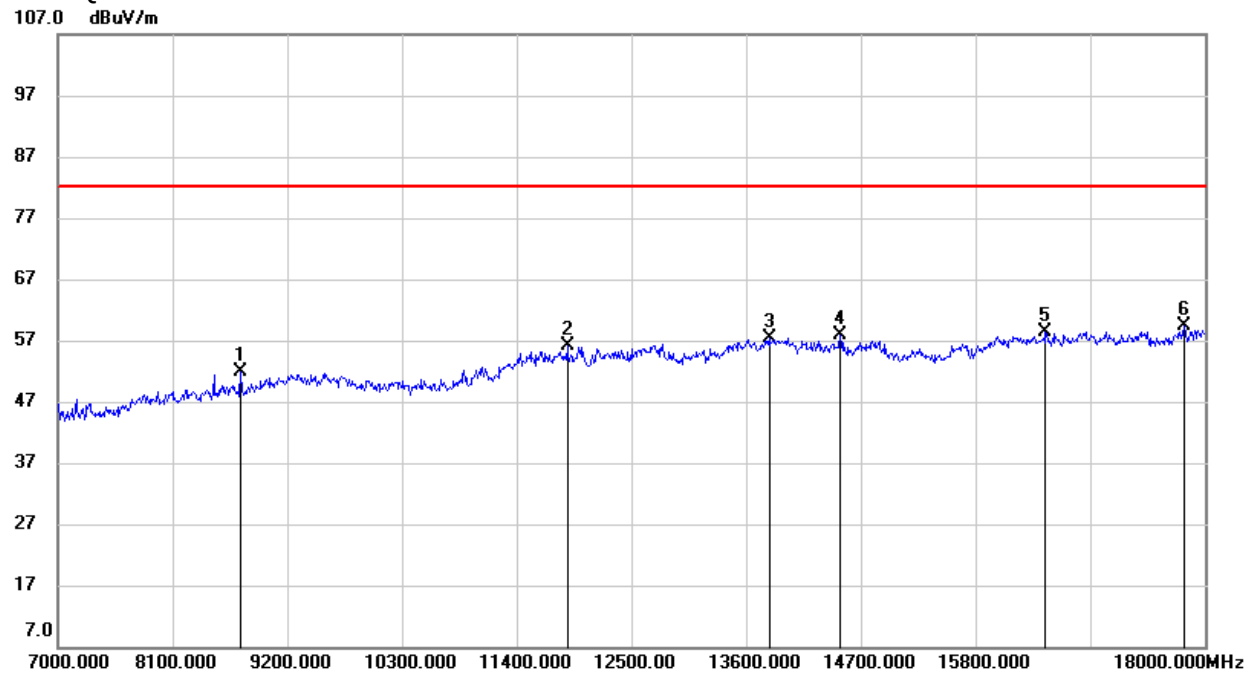
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6795.000	42.01	5.68	47.69	82.25	-34.56	peak
2	7890.000	42.91	6.31	49.22	82.25	-33.03	peak
3	10245.000	38.77	12.48	51.25	82.25	-31.00	peak
4	11400.000	36.44	16.23	52.67	82.25	-29.58	peak
5	13980.000	31.97	21.92	53.89	82.25	-28.36	peak
6	17985.000	27.74	25.60	53.34	82.25	-28.91	peak

8.1.22. DC_71A_n66A

20M QPSK + 100M BPSK-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8496.000	42.99	8.65	51.64	82.25	-30.61	peak
2	11499.000	35.12	17.83	52.95	82.25	-29.30	peak
3	12335.000	34.27	18.89	53.16	82.25	-29.09	peak
4	13545.000	31.98	22.12	54.10	82.25	-28.15	peak
5	14249.000	31.23	22.49	53.72	82.25	-28.53	peak
6	17967.000	27.87	29.26	57.13	82.25	-25.12	peak

20M QPSK + 100M BPSK-Low Channel- Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8749.000	41.79	9.97	51.76	82.25	-30.49	peak
2	11884.000	39.08	17.00	56.08	82.25	-26.17	peak
3	13820.000	36.09	21.24	57.33	82.25	-24.92	peak
4	14502.000	36.85	20.95	57.80	82.25	-24.45	peak
5	16471.000	34.91	23.57	58.48	82.25	-23.77	peak
6	17802.000	33.16	26.18	59.34	82.25	-22.91	peak

END OF REPORT