

**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-130, RSS-132, RSS-133, RSS-139, RSS-195, RSS-199**

TEST REPORT

For

IT controller

**FCC ID: 2AX5HJRN-340K
IC: 26609-JRN340K**

MODEL NUMBER: JRN-340K

REPORT NUMBER: 4791380330-1-RF-3

ISSUE DATE: October 14, 2024

Prepared for

**JRC Mobility Inc.
834 Inasatomachi Nagano-shi, Nagano, 381-2289 JP**

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	Oct. 14, 2024	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 > < RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, RSS-199 >when < Simple Acceptance > decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: JRC Mobility Inc.
 Address: 834 Inasatomachi Nagano-shi, Nagano, 381-2289 JP

Manufacturer Information

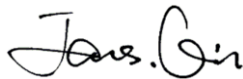
Company Name: JRC Mobility Inc.
 Address: 834 Inasatomachi Nagano-shi, Nagano, 381-2289 JP

EUT Information

EUT Name: IT controller
 LTE category: Cat.1
 Model: JRN-340K
 Brand: /
 Sample Received Date: June 25, 2024
 Sample Status: Normal
 Sample ID: 7350467
 Date of Tested: July 8, 2024 ~ October 14, 2024

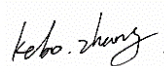
APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 22 H	PASS
CFR 47 FCC PART 24 E	PASS
CFR 47 FCC PART 27	PASS
CFR 47 FCC PART 90S	PASS
RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, RSS-199	PASS

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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 90S, RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, RSS-199.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p>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.</p> <p>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 Delcaration of Conformity (DoC) and Certification rules</p> <p>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.</p> <p>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.</p>
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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:	IT controller
Model:	JRN-340K

5.2. TEST CHANNEL CONFIGURATION

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 2	Low Range	1.4	18607	1850.7	607	1930.7
		3	18615	1851.5	615	1931.5
		5	18625	1852.5	625	1932.5
		10	18650	1855	650	1935
		15	18675	1857.5	675	1937.5
		20	18700	1860	700	1940
	Mid Range	1.4/3/5/10/15/20	18900	1880	900	1960
	High Range	1.4	19193	1909.3	1193	1989.3
		3	19185	1908.5	1185	1988.5
		5	19175	1907.5	1175	1987.5
		10	19150	1905	1150	1985
		15	19125	1902.5	1125	1982.5
		20	19100	1900	1100	1980

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 4	Low Range	1.4	19957	1710.7	1957	2110.7
		3	19965	1711.5	1965	2111.5
		5	19975	1712.5	1975	2112.5
		10	20000	1715	2000	2115
		15	20025	1717.5	2025	2117.5
		20	20050	1720	2050	2120
	Mid Range	1.4/3/5/10/15/20	20175	1732.5	2175	2132.5
	High Range	1.4	20393	1754.3	2393	2154.3
		3	20385	1753.5	2385	2153.5
		5	20375	1752.5	2375	2152.5
		10	20350	1750	2350	2150
		15	20325	1747.5	2325	2147.5
		20	20300	1745	2300	2145

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 5	Low Range	1.4	20407	824.7	2407	869.7
		3	20415	825.5	2415	870.5
		5	20425	826.5	2425	871.5
		10	20450	829	2450	874
	Mid Range	1.4/3/5/10	20525	836.5	2525	881.5
	High Range	1.4	20643	848.3	2643	893.3
		3	20635	847.5	2635	892.5
		5	20625	846.5	2625	891.5
10		20600	844	2600	889	

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 7	Low Range	5	20775	2502.5	2775	2622.5
		10	20800	2505	2800	2625
		15	20825	2507.5	2825	2627.5
		20	20850	2510	2850	2630
	Mid Range	5/10/15/20	21100	2535	3100	2655
	High Range	5	21425	2567.5	3425	2687.5
		10	21400	2565	3400	2685
		15	21375	2562.5	3375	2682.5
20		21350	2560	3350	2680	

Band	Test Frequency ID	Bandwidth [MHz]	NUL	Frequency of Uplink [MHz]	NDL	Frequency of Downlink [MHz]
Band 12	Low Range	1.4	23017	699.7	5017	729.7
		3	23025	700.5	5025	730.5
		5	23035	701.5	5035	731.5
		10	23060	704	5060	734
	Mid Range	1.4/3/5 /10	23095	707.5	5095	737.5
	High Range	1.4	23173	715.3	5173	745.3
		3	23165	714.5	5165	744.5
		5	23155	713.5	5155	743.5
10		23130	711	5130	741	

5.3. MAXIMUM AVERAGE OUTPUT POWER

LTE Band 2

Part 24, RSS-133							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		0.5					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	1850.7	1909.3	22.10	0.182	1.099	1M10G7W
	16QAM			22.37	0.194	1.099	1M10D7W
3	QPSK	1851.5	1908.5	22.07	0.181	2.699	2M70G7W
	16QAM			22.13	0.183	2.700	2M70D7W
5	QPSK	1852.5	1907.5	22.02	0.179	4.52	4M52G7W
	16QAM			22.22	0.187	4.522	4M52D7W
10	QPSK	1855.0	1905.0	22.05	0.180	8.979	8M98G7W
	16QAM			22.32	0.191	5.013	5M01G7W
15	QPSK	1857.5	1902.5	21.96	0.176	13.436	13M4G7W
	16QAM			22.36	0.193	5.137	5M1G7W
20	QPSK	1860.0	1900.0	21.98	0.177	18.005	18M0G7W
	16QAM			22.24	0.188	5.384	5M4G7W

LTE Band 4							
Part 27 / RSS-139							
EIRP Limit(W)		1.0					
Antenna Gain (dBi)		0.5					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	1710.7	1754.3	23.12	0.230	1.1	1M10G7W
	16QAM			23.10	0.229	1.101	1M10D7W
3	QPSK	1711.5	1753.5	23.19	0.234	2.701	2M70G7W
	16QAM			22.43	0.196	2.702	2M70D7W
5	QPSK	1712.5	1752.5	23.12	0.230	4.511	4M51G7W
	16QAM			22.58	0.203	4.52	4M52D7W
10	QPSK	1715.0	1750.0	23.09	0.229	8.977	8M98G7W
	16QAM			22.50	0.200	4.995	5M00G7W
15	QPSK	1717.5	1747.5	23.15	0.232	13.469	13M5G7W
	16QAM			22.54	0.201	5.133	5M1G7W
20	QPSK	1720.0	1745.0	23.06	0.227	17.99	18M0G7W
	16QAM			22.52	0.200	5.433	5M4G7W

LTE Band 5

Part 22H, RSS-132							
ERP Limit(W)		7.0					
Antenna Gain (dBi)		-0.5					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	824.7	848.3	23.56	0.123	1.104	1M10G7W
	16QAM			23.47	0.121	1.1	1M10D7W
3	QPSK	825.5	847.5	23.63	0.125	2.697	2M70G7W
	16QAM			22.83	0.104	2.702	2M70D7W
5	QPSK	826.5	846.5	23.58	0.124	4.51	4M51G7W
	16QAM			22.80	0.104	4.506	4M51D7W
10	QPSK	829	844	23.55	0.123	8.988	8M99G7W
	16QAM			22.81	0.104	4.987	4M99G7W

LTE Band 7

Part 27, RSS-199							
EIRP Limit(W)		2.0					
Antenna Gain (dBi)		2.7					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (W)	99% OBW (MHz)	Emission Designator
5	QPSK	2502.5	2567.5	21.07	0.238	4.514	4M51G7W
	16QAM			20.15	0.193	4.511	4M51D7W
10	QPSK	2505	2565	20.97	0.233	8.983	8M98G7W
	16QAM			20.13	0.192	5.004	5M00G7W
15	QPSK	2507.5	2562.5	20.98	0.233	13.471	13M5G7W
	16QAM			20.15	0.193	5.164	5M2G7W
20	QPSK	2510	2560	20.94	0.231	17.991	18M0G7W
	16QAM			20.09	0.190	5.451	5M5G7W

LTE Band 12

Part 27, RSS-130							
ERP Limit(W)		3.0					
Antenna Gain (dBi)		-3.6					
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (W)	99% OBW (MHz)	Emission Designator
1.4	QPSK	699.7	715.3	23.33	0.057	1.099	1M10G7W
	16QAM			23.11	0.054	1.096	1M10D7W
3	QPSK	700.5	714.5	23.30	0.057	2.7	2M70G7W
	16QAM			23.21	0.056	2.698	2M70D7W
5	QPSK	701.5	713.5	23.27	0.056	4.514	4M51G7W
	16QAM			23.28	0.057	4.51	4M51D7W
10	QPSK	704.0	711.0	23.19	0.055	8.97	8M97G7W
	16QAM			23.23	0.056	5.009	5M01G7W

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

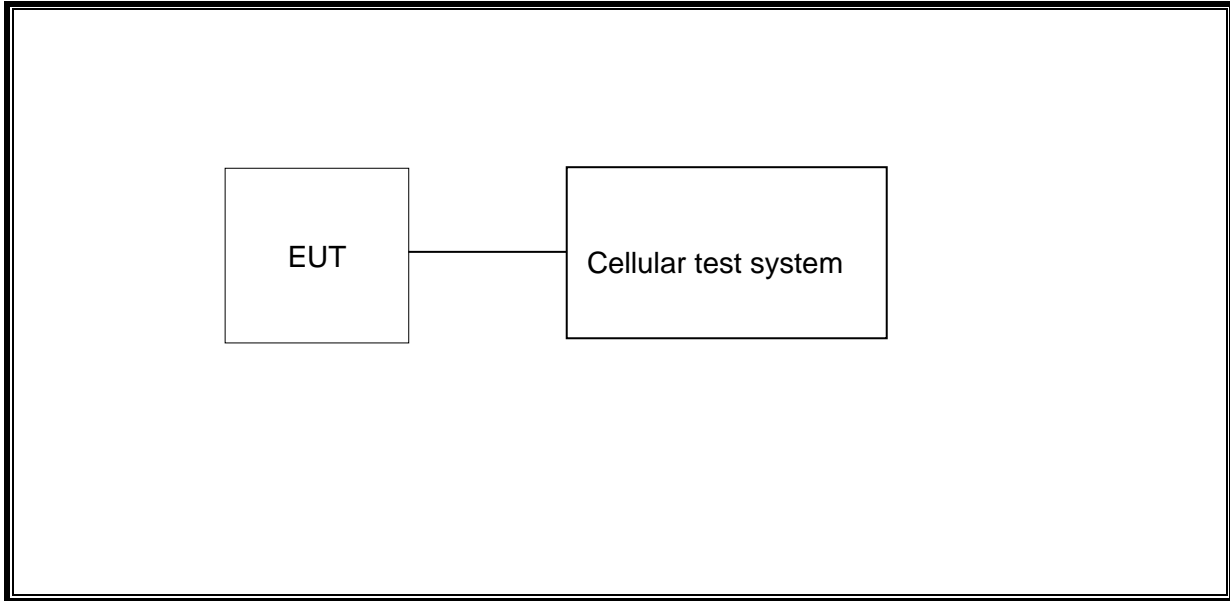
Antenna	Band	Antenna Type	MAX Antenna Gain (dBi)
Ant0	LTE Band 2	FPC	0.5
Ant0	LTE Band 4	FPC	0.5
Ant0	LTE Band 5	FPC	-0.8
Ant0	LTE Band 7	FPC	2.7
Ant0	LTE Band 12	FPC	-3.6

Band	Transmit and Receive Mode	Description
LTE Band 2	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 4	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 5	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 7	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 12	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 17	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 38	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 40	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna
LTE Band 41	<input checked="" type="checkbox"/> 1TX, 2RX	Main antenna can be used as transmitting/receiving antenna, DIV antenna can be used as receiving antenna

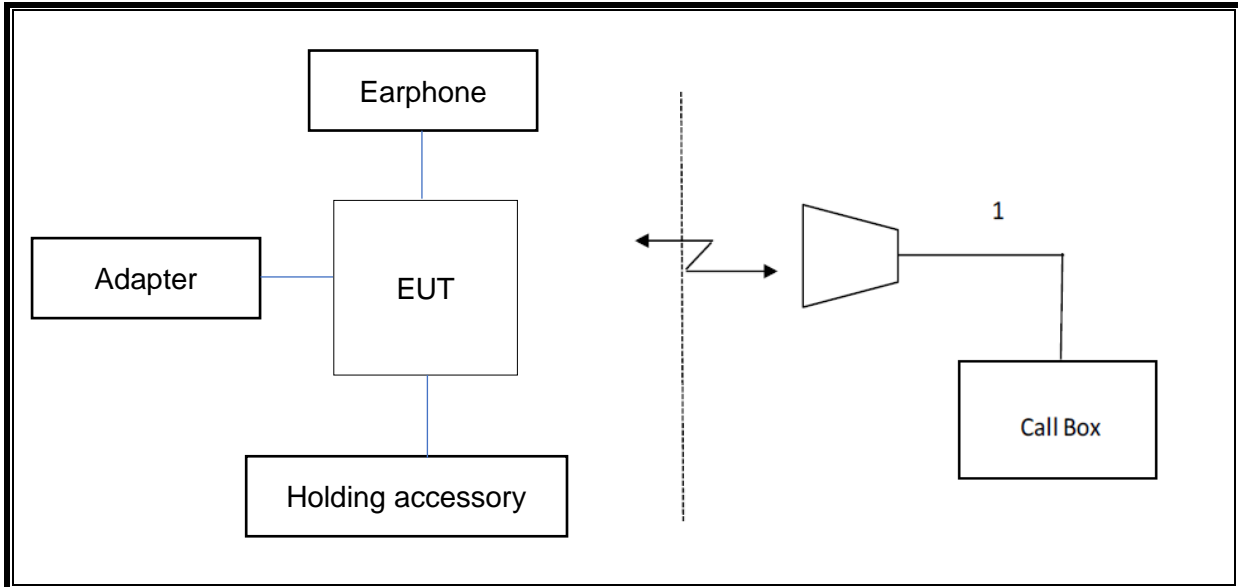
Note: The value of the antenna gain was declared by customer.

5.7. 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.
<input checked="" type="checkbox"/>	Spectrum Analyzer	R&S	FSV40	S422060001	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	Wideband Radio Communication Tester	R&S	CMW500	155523	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	Wideband Radio Communication Tester	R&S	CMW500	161166	Sep. 28, 2024	Sep. 27, 2025
<input checked="" type="checkbox"/>	DC Power Supply	Array	3662A	A1512015	Oct.12, 2023	Oct.11, 2024
Software						
Used	Description	Manufacturer	Name	Version		
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 28, 2024	Jun. 27, 2027
<input checked="" type="checkbox"/>	Preamplifier	HP	8447D	2944A09099	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	EMI Measurement Receiver	R&S	ESR26	101377	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	Horn Antenna	TDK	HRN-0118	130939	April 29, 2022	April 30, 2025
<input checked="" type="checkbox"/>	Horn Antenna	Schwarzbeck	BBHA9170	856	Feb 28, 2022	Feb 28, 2025
<input checked="" type="checkbox"/>	Preamplifier	TDK	PA-02-0118	TRS-305-00067	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	Preamplifier	TDK	PA-02-2	TRS-307-00003	Oct.12, 2023	Oct.11, 2024
<input checked="" type="checkbox"/>	Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec.13, 2024
<input checked="" type="checkbox"/>	High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Oct.12, 2023	Oct.11, 2024
Software						
Used	Description	Manufacturer	Name	Version		
<input checked="" type="checkbox"/>	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-130, RSS-132, RSS-133, RSS-139, RSS-195, 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.

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 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);

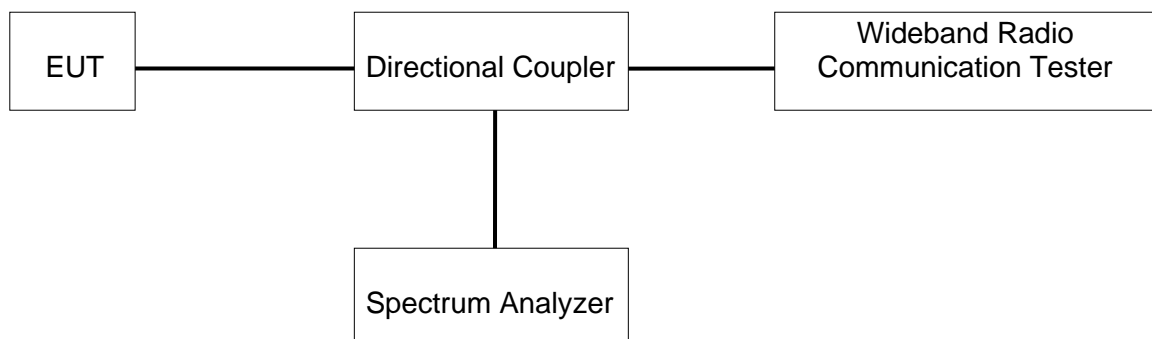
P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

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	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.6 V

RESULTS

7.1.1. LTE Band 2

LTE FDD B2				Conducted Power(dBm)		
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				18607	18900	19193
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1850.70	1880.00	1909.30
1.4	QPSK	1	0	21.82	22.08	21.83
		1	2	21.85	21.86	22.10
		1	5	21.72	21.73	21.70
		3	0	21.97	21.86	21.86
		3	1	21.86	21.78	21.99
		3	3	21.75	21.59	21.67
	16QAM	6	0	20.79	20.96	21.02
		1	0	20.95	20.70	21.02
		1	2	20.74	20.74	21.00
		1	5	20.80	20.92	20.88
		3	0	21.69	21.07	20.59
		3	1	21.88	21.17	20.97
		3	3	22.37	21.38	20.89
		6	0	20.67	19.89	19.72
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				18615	18900	19185
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1851.50	1880.00	1908.50
3	QPSK	1	0	22.05	21.83	22.07
		1	8	21.95	21.92	21.92
		1	14	21.61	21.82	21.62
		8	0	20.79	20.79	21.07
		8	4	20.98	20.65	20.77
		8	7	20.71	20.85	21.00
	16QAM	15	0	20.78	20.76	21.16
		1	0	21.79	21.02	20.62
		1	8	21.97	20.93	21.02
		1	14	22.13	21.30	20.95
		8	0	21.70	20.88	20.59
		8	4	21.86	21.06	20.64
		8	7	21.54	20.96	20.80
		15	0	20.68	20.06	19.80
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				18625	18900	19175
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1852.50	1880.00	1907.50

5	QPSK	1	0	21.90	22.02	21.96
		1	12	21.81	21.83	21.97
		1	24	21.68	21.58	21.83
		12	0	20.92	20.86	21.21
		12	6	20.86	20.85	21.00
		12	13	20.68	20.85	20.96
		25	0	20.66	20.84	21.03
	16QAM	1	0	21.93	21.25	20.76
		1	12	21.99	20.92	20.77
		1	24	22.22	21.30	20.78
		12	0	21.82	20.88	20.34
		12	6	21.81	21.02	20.67
		12	13	21.54	21.03	20.59
		25	0	20.57	19.98	19.71
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				18650	18900	19150
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1855.00	1880.00	1905.00
10	QPSK	1	0	22.05	21.83	21.87
		1	24	21.78	21.79	21.95
		1	49	21.87	21.64	21.88
		25	0	20.96	20.85	21.22
		25	12	21.06	20.85	20.89
		25	25	20.77	20.73	20.85
		50	0	20.87	20.77	21.11
	16QAM	1	0	21.71	20.98	20.64
		1	24	21.86	21.06	20.83
		1	49	22.32	21.40	20.79
		25	0	21.69	21.04	20.42
		25	12	21.87	21.00	20.84
		25	25	21.66	21.07	20.79
		50	0	\	\	\
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				18675	18900	19125
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1857.50	1880.00	1902.50
15	QPSK	1	0	21.88	21.96	21.88
		1	38	21.69	21.90	21.96
		1	74	21.86	21.70	21.63
		36	0	21.08	20.89	21.24
		36	18	21.07	20.86	20.95
		36	37	20.84	20.75	20.94
		75	0	20.68	20.75	20.91
	16QAM	1	0	21.70	21.21	20.65
		1	38	21.84	21.06	21.02
		1	74	22.36	21.30	20.78
		36	0	\	\	\
		36	18	\	\	\
		36	37	\	\	\
		75	0	\	\	\
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				18700	18900	19100
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1860.00	1880.00	1900.00
20	QPSK	1	0	21.92	21.96	21.93

		1	49	21.80	21.82	21.98
		1	99	21.72	21.67	21.73
		50	0	20.94	20.86	21.14
		50	25	20.94	20.71	20.91
		50	50	20.73	20.77	20.98
		100	0	20.80	20.80	21.02
	16QAM	1	0	21.82	21.13	20.73
		1	49	21.95	21.07	20.88
		1	99	22.24	21.27	20.86
		50	0	\	\	\
		50	25	\	\	\
		50	50	\	\	\
		100	0	\	\	\

7.1.2. LTE Band 4

LTE FDD B4				Conducted Power(dBm)		
Bandwidth	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				19957	20175	20393
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1710.70	1732.50	1754.30
1.4	QPSK	1	0	22.88	22.96	22.89
		1	2	22.91	23.04	23.12
		1	5	22.92	22.83	22.87
		3	0	22.83	22.90	22.87
		3	1	23.02	22.93	22.86
		3	3	22.78	22.83	22.71
		6	0	22.90	22.79	22.85
	16QAM	1	0	23.10	22.84	22.83
		1	2	22.84	22.88	22.63
		1	5	22.00	21.81	21.64
		3	0	22.26	21.88	22.34
		3	1	22.55	22.25	22.18
		3	3	22.42	21.94	22.22
		6	0	20.76	20.64	20.57
Bandwidth	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				19965	20175	20385
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1711.50	1732.50	1753.50
3	QPSK	1	0	23.08	22.79	22.83
		1	8	23.19	22.88	23.02
		1	14	22.94	22.60	22.71
		8	0	23.05	22.83	22.63
		8	4	23.08	22.64	22.76
		8	7	22.74	22.83	22.73
		15	0	21.90	21.78	21.40
	16QAM	1	0	22.19	21.99	22.13
		1	8	22.43	22.10	22.00
		1	14	22.26	22.00	22.17
		8	0	21.81	21.83	21.74
		8	4	21.98	21.93	21.70
		8	7	21.74	21.90	21.56
		15	0	20.71	20.87	20.50
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				19975	20175	20375
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1712.50	1732.50	1752.50
5	QPSK	1	0	22.87	22.77	23.00
		1	12	23.12	22.85	23.06
		1	24	22.73	22.78	22.63
		12	0	22.96	22.88	22.62
		12	6	23.02	22.73	22.77
		12	13	22.72	22.76	22.60
		25	0	22.02	21.66	21.54
	16QAM	1	0	22.06	22.07	22.14
		1	12	22.58	22.32	21.97
		1	24	22.38	21.88	22.18
		12	0	22.00	21.70	21.65

		12	6	21.94	21.65	21.84
		12	13	21.88	21.87	21.60
		25	0	20.69	20.63	20.56
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20000	20175	20350
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1715.00	1732.50	1750.00
10	QPSK	1	0	22.83	22.95	22.90
		1	24	23.09	22.99	23.03
		1	49	22.70	22.83	22.63
		25	0	23.02	22.84	22.67
		25	12	22.96	22.61	22.60
		25	25	22.76	22.89	22.68
	16QAM	50	0	22.01	21.65	21.50
		1	0	22.05	22.01	22.18
		1	24	22.50	22.29	21.97
		1	49	22.17	22.00	22.07
		25	0	21.78	21.83	21.70
		25	12	22.06	21.86	21.85
		25	25	21.65	21.75	21.49
		50	0	\	\	\
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20025	20175	20325
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1717.50	1732.50	1747.50
15	QPSK	1	0	22.78	22.80	22.83
		1	38	23.15	22.77	22.86
		1	74	22.98	22.73	22.80
		36	0	22.92	22.68	22.60
		36	18	22.96	22.82	22.75
		36	37	22.73	22.66	22.72
	16QAM	75	0	22.03	21.65	21.69
		1	0	22.14	21.83	22.13
		1	38	22.54	22.12	22.22
		1	74	22.23	21.96	22.14
		36	0	\	\	\
		36	18	\	\	\
		36	37	\	\	\
		75	0	\	\	\
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20050	20175	20300
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				1720.00	1732.50	1745.00
20	QPSK	1	0	22.93	22.85	22.97
		1	49	23.06	22.90	22.98
		1	99	22.83	22.75	22.78
		50	0	22.93	22.74	22.73
		50	25	23.00	22.73	22.73
		50	50	22.85	22.76	22.68
	16QAM	100	0	21.95	21.77	21.54
		1	0	22.18	21.92	22.26
		1	49	22.52	22.20	22.10
		1	99	22.32	22.01	22.09
		50	0	\	\	\
		50	25	\	\	\

	50	50	\	\	\
	100	0	\	\	\

7.1.3. LTE Band 5

LTE FDD B5				Conducted Power(dBm)		
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20407	20525	20643
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				824.70	836.50	848.30
1.4	QPSK	1	0	23.29	23.52	23.41
		1	2	23.56	23.33	23.08
		1	5	23.34	23.34	23.14
		3	0	23.27	23.27	23.43
		3	1	23.46	23.53	23.26
		3	3	23.39	23.14	23.03
	16QAM	6	0	23.48	23.09	22.83
		1	0	23.47	23.27	23.03
		1	2	23.44	23.17	22.98
		1	5	23.36	23.21	23.09
		3	0	23.42	22.99	22.80
		3	1	23.41	23.17	23.12
		3	3	23.17	23.27	22.94
		6	0	22.19	22.11	21.73
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20415	20525	20635
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				825.50	836.50	847.50
3	QPSK	1	0	23.44	23.45	23.63
		1	8	23.52	23.40	23.26
		1	14	23.19	23.07	23.11
		8	0	23.51	22.99	22.97
		8	4	23.30	23.15	23.12
		8	7	23.25	23.22	23.02
	16QAM	15	0	22.18	22.22	21.98
		1	0	22.50	22.55	22.30
		1	8	22.62	22.74	22.54
		1	14	22.83	22.39	22.32
		8	0	22.29	22.11	21.74
		8	4	22.30	22.17	22.09
		8	7	22.16	22.30	21.71
		15	0	21.19	21.09	20.81
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20425	20525	20625
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				826.50	836.50	846.50
5	QPSK	1	0	23.29	23.41	23.53
		1	12	23.58	23.29	23.02
		1	24	23.39	23.35	23.00
		12	0	23.42	23.12	22.96
		12	6	23.33	23.24	23.00
		12	13	23.25	23.04	22.96
	16QAM	25	0	22.24	22.24	21.91
		1	0	22.57	22.47	22.04
		1	12	22.80	22.66	22.67
		1	24	22.68	22.52	22.41
		12	0	22.32	21.97	21.92

Bandwidth (MHz)	Modulation	12	6	22.16	22.24	21.94	
		12	13	22.35	22.02	21.80	
		25	0	21.02	20.99	20.94	
10	QPSK	RB size	RB offset	Channel No.	Channel No.	Channel No.	
				20450	20525	20600	
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)	
				829.00	836.50	844.00	
10	QPSK	1	0	23.32	23.41	23.49	
		1	24	23.55	23.38	23.14	
		1	49	23.29	23.22	23.06	
		25	0	23.44	23.13	22.94	
		25	12	23.44	23.22	23.01	
		25	25	23.29	23.19	22.94	
	16QAM	16QAM	50	0	22.26	22.14	21.85
			1	0	22.63	22.45	22.18
			1	24	22.69	22.64	22.52
			1	49	22.81	22.37	22.39
			25	0	22.38	22.06	21.86
			25	12	22.23	22.29	22.01
			25	25	22.21	22.15	21.70
			50	0	\	\	\

7.1.4. LTE Band 7

LTE FDD B7				Conducted Power(dBm)		
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20775	21100	21425
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				2502.50	2535.00	2567.50
5	QPSK	1	0	20.82	20.89	20.78
		1	12	20.70	20.80	21.07
		1	24	20.82	20.67	20.77
		12	0	19.86	19.79	19.96
		12	6	19.96	19.61	19.84
		12	13	19.79	19.80	19.93
	16QAM	25	0	20.00	19.91	20.03
		1	0	19.70	19.72	19.96
		1	12	20.05	19.99	19.90
		1	24	20.15	19.90	19.92
		12	0	18.84	18.65	18.80
		12	6	18.81	18.77	18.97
		12	13	18.75	18.64	18.95
		25	0	18.67	18.69	18.83
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20800	21100	21400
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				2505.00	2535.00	2565.00
10	QPSK	1	0	20.75	20.72	20.70
		1	24	20.84	20.77	20.90
		1	49	20.70	20.78	20.97
		25	0	19.91	19.57	19.79
		25	12	19.83	19.75	20.02
		25	25	19.96	19.91	20.06
	16QAM	50	0	19.72	19.74	20.06
		1	0	19.82	19.82	19.82
		1	24	20.05	19.96	19.99
		1	49	20.13	20.10	19.89
		25	0	18.80	18.58	18.83
		25	12	18.85	18.78	18.94
		25	25	18.72	18.69	19.02
		50	0	\	\	\
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20825	21100	21375
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				2507.50	2535.00	2562.50
15	QPSK	1	0	20.96	20.86	20.93
		1	38	20.79	20.93	20.81
		1	74	20.73	20.61	20.98
		36	0	19.91	19.71	19.95
		36	18	19.90	19.79	20.08
		36	37	19.91	19.90	20.09
		75	0	19.79	19.77	19.96
	16QAM	1	0	19.99	19.79	19.97
		1	38	20.15	19.92	19.87
		1	74	20.00	19.96	20.06
		36	\	\	\	\

Bandwidth (MHz)	Modulation	36	\	\	\	\
		36	\	\	\	\
		75	0	\	\	\
20	QPSK	RB size	RB offset	Channel No.	Channel No.	Channel No.
				20850	21100	21350
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				2510.00	2535.00	2560.00
20	QPSK	1	0	20.83	20.80	20.80
		1	49	20.82	20.85	20.94
		1	99	20.79	20.76	20.88
		50	0	19.83	19.72	19.92
		50	25	19.83	19.72	19.93
		50	50	19.86	19.89	19.98
	16QAM	100	0	19.86	19.86	19.96
		1	0	19.84	19.87	19.93
		1	49	20.09	20.02	19.91
		1	99	20.04	20.04	19.93
		50	0	\	\	\
		50	25	\	\	\
		50	50	\	\	\
		100	0	\	\	\

7.1.5. LTE Band 12

LTE FDD B12				Conducted Power(dBm)		
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				23017	23095	23173
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				699.70	707.50	715.30
1.4	QPSK	1	0	23.01	23.23	22.91
		1	2	23.09	23.17	22.85
		1	5	23.04	22.99	23.05
		3	0	23.03	23.05	23.10
		3	1	23.33	23.06	22.90
		3	3	22.87	23.06	22.98
		6	0	22.93	22.94	23.15
	16QAM	1	0	23.11	22.93	23.07
		1	2	23.09	23.03	22.89
		1	5	23.06	22.90	22.93
		3	0	22.92	22.93	22.98
		3	1	22.91	22.82	23.01
		3	3	22.95	23.03	22.97
		6	0	22.00	22.27	22.35
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.
				23025	23095	23165
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)
				700.50	707.50	714.50
3	QPSK	1	0	23.10	23.00	22.94
		1	8	23.30	22.91	22.93
		1	14	23.03	22.89	22.76
		8	0	22.95	23.06	23.16
		8	4	23.06	23.12	22.84
		8	7	22.99	23.02	22.93
		15	0	21.97	22.17	21.96
	16QAM	1	0	23.11	23.19	23.21
		1	8	22.91	23.02	23.08
		1	14	23.17	22.97	23.19
		8	0	22.15	22.09	22.25
		8	4	22.14	22.05	22.03
		8	7	22.05	22.35	22.17
		15	0	22.17	22.15	22.11
		Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.
23035	23095					23155
Fre. (MHz)	Fre. (MHz)					Fre. (MHz)
701.50	707.50					713.50
5	QPSK	1	0	23.06	23.27	23.13
		1	12	23.21	23.06	22.79
		1	24	22.77	22.86	22.95
		12	0	23.12	23.03	22.93
		12	6	22.90	23.02	23.02
		12	13	23.01	23.04	22.79
		25	0	22.08	22.00	22.09
	16QAM	1	0	23.24	23.26	23.28
		1	12	23.08	23.16	23.20
		1	24	22.98	22.96	23.07
		12	0	22.02	22.30	22.34

		12	6	22.03	22.08	22.12	
		12	13	21.96	22.34	22.05	
		25	0	21.99	22.27	22.15	
Bandwidth (MHz)	Modulation	RB size	RB offset	Channel No.	Channel No.	Channel No.	
				23060	23095	23130	
				Fre. (MHz)	Fre. (MHz)	Fre. (MHz)	
				704.00	707.50	711.00	
10	QPSK	1	0	23.09	23.13	23.06	
		1	24	23.19	23.02	22.92	
		1	49	22.89	22.93	22.91	
		25	0	22.98	22.93	23.01	
		25	12	22.94	22.97	22.93	
		25	25	23.03	22.96	22.90	
	16QAM	16QAM	50	0	22.04	22.08	21.99
			1	0	23.12	23.23	23.18
			1	24	23.04	23.06	23.11
			1	49	23.07	23.04	23.11
			25	0	22.12	22.19	22.19
			25	12	22.13	22.20	22.11
			25	25	22.00	22.23	22.17
			50	0	\	\	\

7.2. PEAK TO AVERAGE RADIO

LIMITS

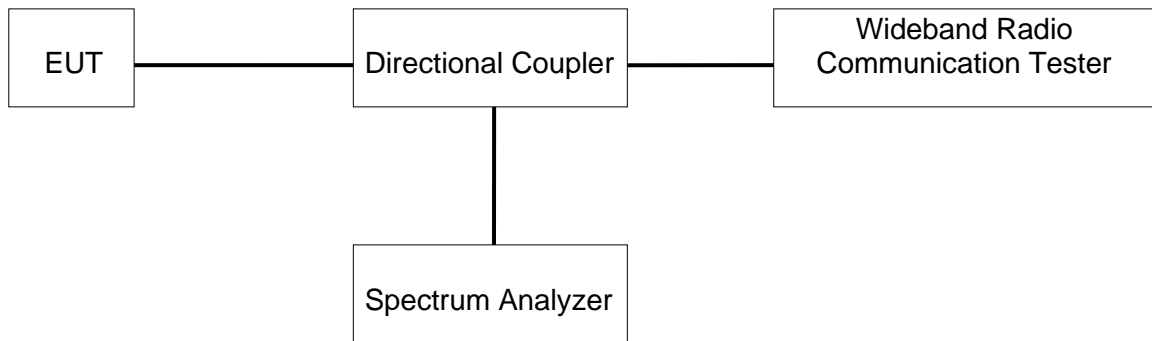
In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

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	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.6 V

RESULTS

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

Please refer to Appendix LTE.

7.3. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049
RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, RSS-199

LIMITS

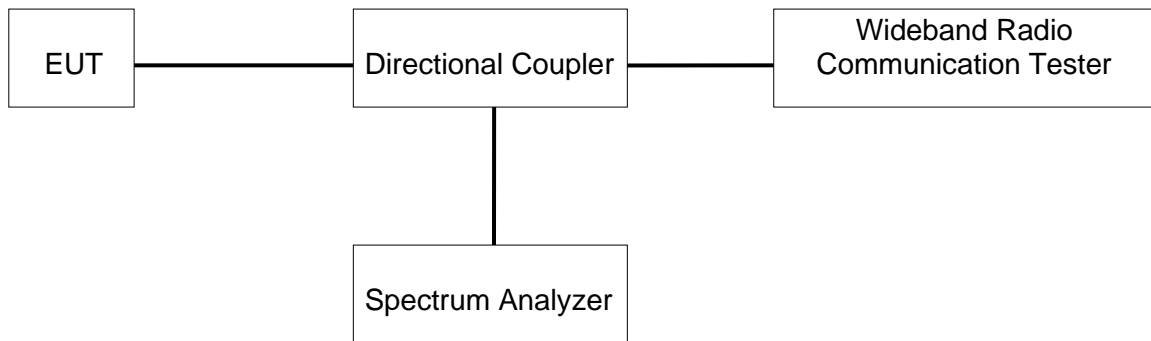
For reporting purposes only.

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	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.6 V

RESULTS

Please refer to Appendix LTE.

7.4. BAND EDGE EMISSIONS

RULE PART(S)

FCC §2.1051, §22.917, §24.238, §27.53
RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, 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.

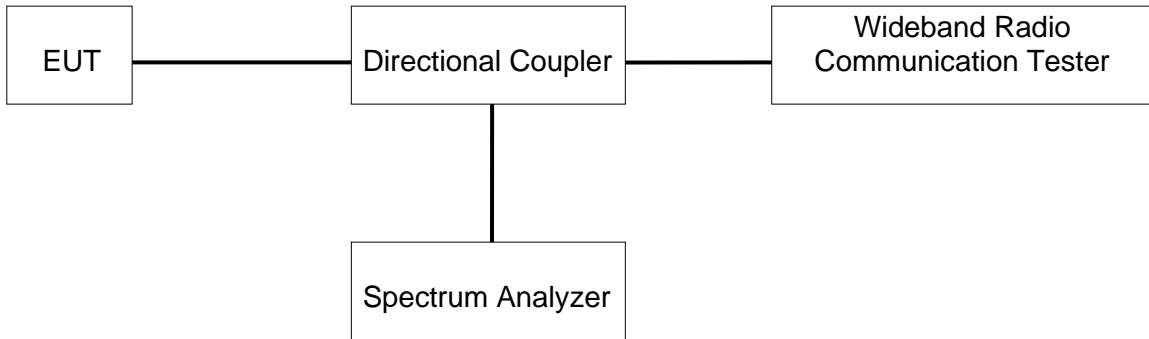
TEST PROCEDURE

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 ~ 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 $\geq 2 \times$ Span/RBW;
- g) Trace mode = Average (100);

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.6 V

RESULTS

Please refer to Appendix LTE.

7.5. SPURIOUS EMISSION AT ANTENNA TERMINAL

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238, §27.53
 RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, 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

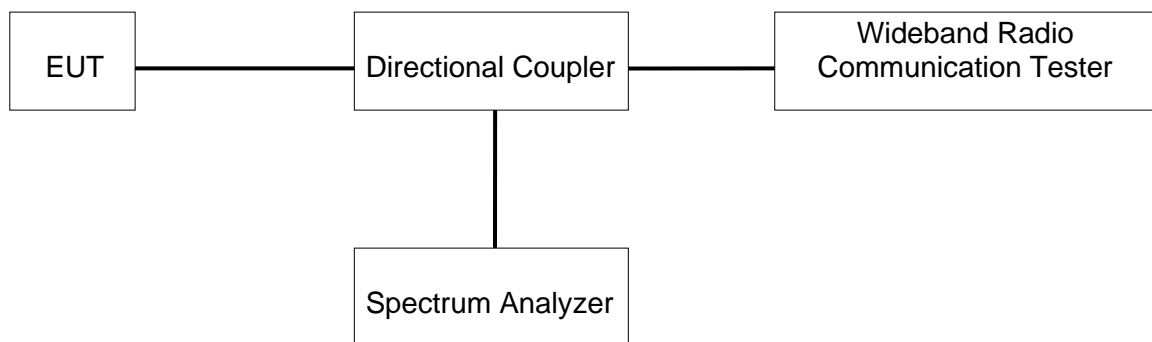
Per KDB 971168 D01 Power Meas License Digital Systems v03r01

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.

- a) 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)
- b) Set VBW $\geq 3 \times$ RBW;
- c) Set span ≥ 1.5 times the OBW;
- d) Sweep time = auto couple;
- e) Detector = rms;
- f) Ensure that the number of measurement points = Max (40001);
- g) 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	23.5°C	Relative Humidity	66.1%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.6 V

RESULTS

Please refer to Appendix LTE.

7.6. FREQUENCY STABILITY

RULE PART(S)

FCC: §2.1055, §22.355, §24.235, §27.54
RSS-130, RSS-132, RSS-133, RSS-139, RSS-195, RSS-199

LIMITS

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

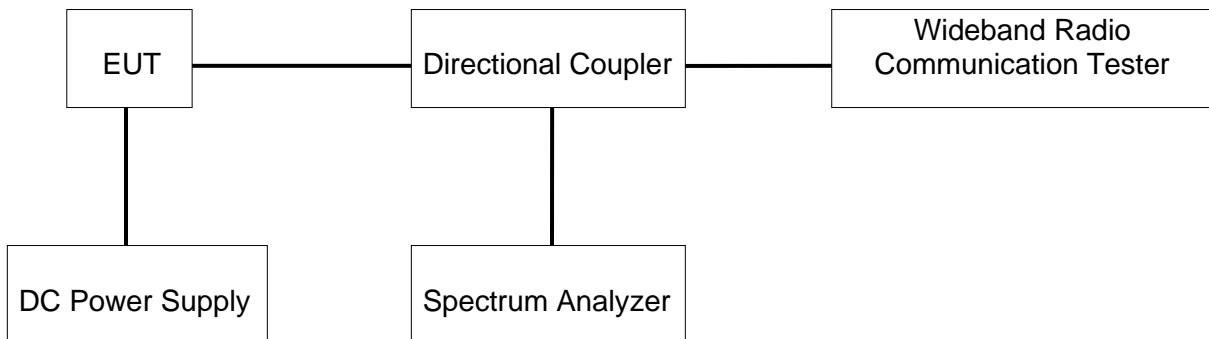
§24.235 and §27.54 - The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

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): 24.5 °C	T _L (Low Temperature): -30 °C
		T _H (High Temperature): 50 °C
Supply Voltage	V _N (Normal Voltage): DC 3.6 V	V _L (Low Voltage): DC 3.06V
		V _H (High Voltage): DC 4.14 V

TEST SETUP



RESULTS

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

Please refer to Appendix LTE.

8. RADIATED SPURIOUS EMISSIONS

LIMIT

FCC: §27.53 (m), ISED: RSS-199 LTE (B7/38/41)

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: §27.50 (c), ISED: RSS-130 LTE (B17)

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 (g), ISED: RSS-132 LTE (B12)

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 LTE (B2)

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) LTE, ISED: RSS-132 (B5)

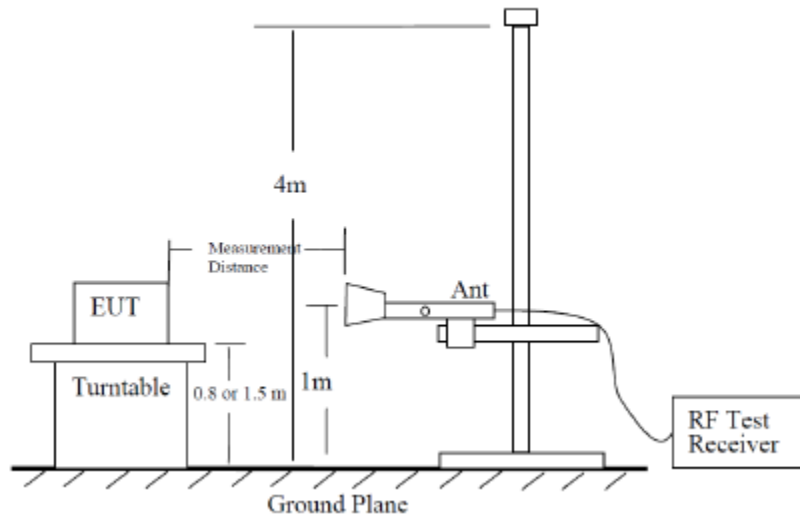
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §27.53(h) LTE, ISED: RSS-139 (B4)

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

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

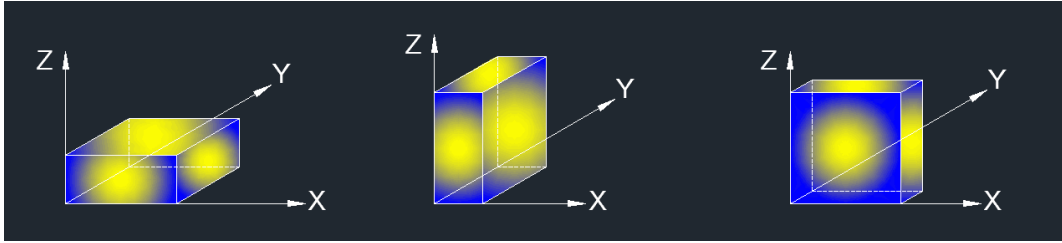
- $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$, 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 and ANT3 to determine the worst-case orientation. X orientation is finally determined the worst.

TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	61%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.6 V

RESULTS
8.1.1. LTE Band 2

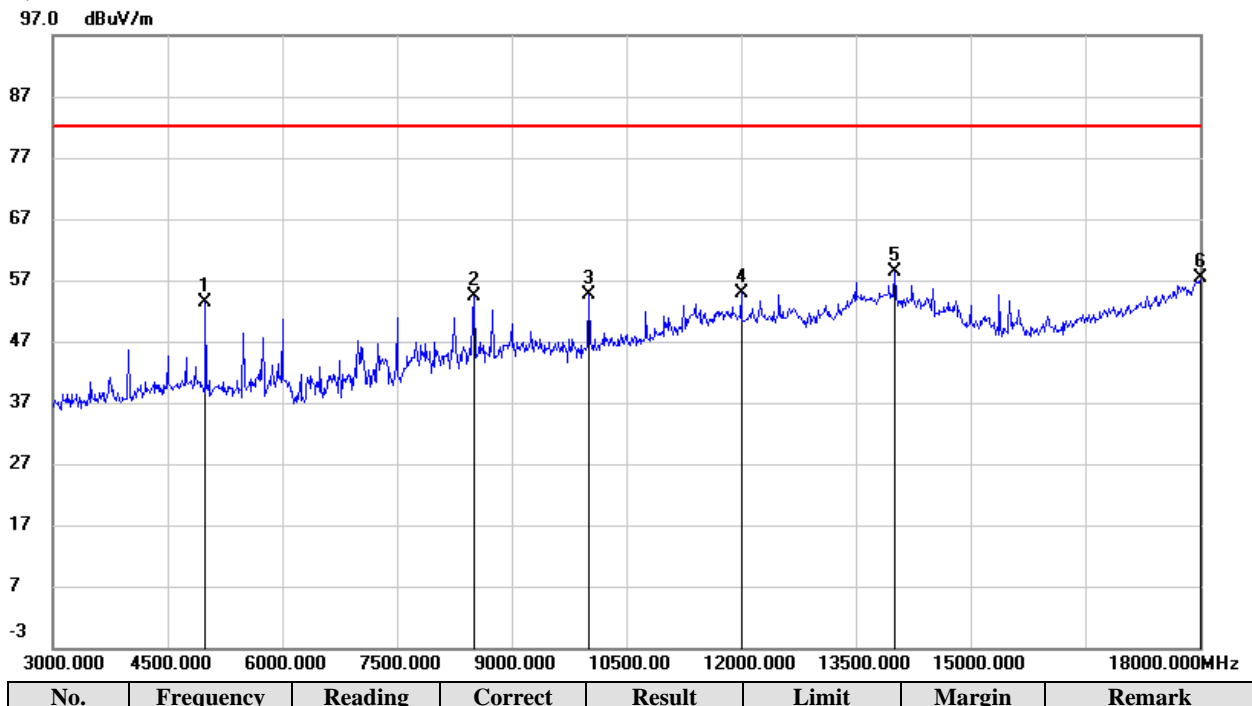
QPSK-20 MHz-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	51.92	1.03	52.95	82.25	-29.30	peak
2	8505.000	45.14	8.34	53.48	82.25	-28.77	peak
3	10005.000	42.48	12.57	55.05	82.25	-27.20	peak
4	12495.000	36.10	18.16	54.26	82.25	-27.99	peak
5	14010.000	34.77	22.63	57.40	82.25	-24.85	peak
6	17970.000	29.01	28.17	57.18	82.25	-25.07	peak

QPSK-20 MHz-Low Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	51.47	4.21	55.68	82.25	-26.57	peak
2	7500.000	44.14	7.88	52.02	82.25	-30.23	peak
3	10005.000	42.26	11.88	54.14	82.25	-28.11	peak
4	12675.000	35.44	17.17	52.61	82.25	-29.64	peak
5	13605.000	34.22	19.74	53.96	82.25	-28.29	peak
6	17685.000	29.62	25.20	54.82	82.25	-27.43	peak

QPSK-20 MHz-Mid Channel- Horizontal



	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4995.000	52.26	1.03	53.29	82.25	-28.96	peak
2	8505.000	45.96	8.34	54.30	82.25	-27.95	peak
3	10005.000	42.02	12.57	54.59	82.25	-27.66	peak
4	12000.000	37.08	17.90	54.98	82.25	-27.27	peak
5	14010.000	35.85	22.63	58.48	82.25	-23.77	peak
6	18000.000	28.93	28.33	57.26	82.25	-24.99	peak

QPSK-20 MHz- Mid Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	50.63	4.21	54.84	82.25	-27.41	peak
2	8505.000	43.55	8.93	52.48	82.25	-29.77	peak
3	10005.000	42.99	11.88	54.87	82.25	-27.38	peak
4	12000.000	36.28	16.80	53.08	82.25	-29.17	peak
5	14010.000	32.82	21.05	53.87	82.25	-28.38	peak
6	18000.000	29.09	26.13	55.22	82.25	-27.03	peak

QPSK-20 MHz-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	51.14	1.03	52.17	82.25	-30.08	peak
2	8505.000	45.47	8.34	53.81	82.25	-28.44	peak
3	10005.000	42.17	12.57	54.74	82.25	-27.51	peak
4	12495.000	36.57	18.16	54.73	82.25	-27.52	peak
5	14010.000	35.62	22.63	58.25	82.25	-24.00	peak
6	18000.000	28.86	28.33	57.19	82.25	-25.06	peak

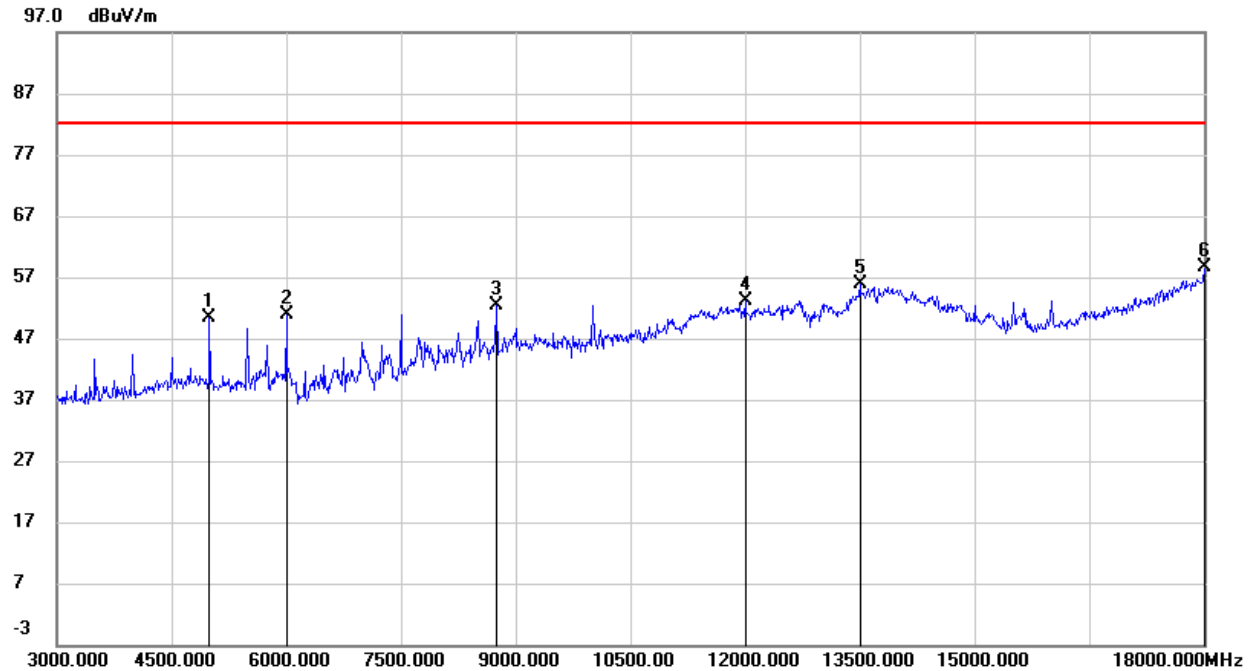
QPSK-20 MHz- High Channel-Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	44.41	4.21	48.62	82.25	-33.63	peak
2	7500.000	41.55	7.88	49.43	82.25	-32.82	peak
3	8505.000	41.66	8.93	50.59	82.25	-31.66	peak
4	10005.000	39.90	11.88	51.78	82.25	-30.47	peak
5	13530.000	34.38	19.70	54.08	82.25	-28.17	peak
6	17850.000	30.04	26.00	56.04	82.25	-26.21	peak

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

8.1.2. LTE Band 4

QPSK-20 MHz-Low Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	49.46	1.03	50.49	82.25	-31.76	peak
2	6000.000	47.57	3.21	50.78	82.25	-31.47	peak
3	8745.000	43.85	8.61	52.46	82.25	-29.79	peak
4	12000.000	35.26	17.90	53.16	82.25	-29.09	peak
5	13500.000	34.39	21.39	55.78	82.25	-26.47	peak
6	18000.000	30.20	28.33	58.53	82.25	-23.72	peak

QPSK-20 MHz-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	51.53	2.23	53.76	82.25	-28.49	peak
2	6000.000	51.19	4.21	55.40	82.25	-26.85	peak
3	7500.000	43.44	7.88	51.32	82.25	-30.93	peak
4	10005.000	42.57	11.88	54.45	82.25	-27.80	peak
5	14415.000	33.87	20.38	54.25	82.25	-28.00	peak
6	17970.000	29.30	26.10	55.40	82.25	-26.85	peak

QPSK-20 MHz-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	49.25	1.03	50.28	82.25	-31.97	peak
2	8505.000	43.87	8.34	52.21	82.25	-30.04	peak
3	10005.000	42.69	12.57	55.26	82.25	-26.99	peak
4	12000.000	35.79	17.90	53.69	82.25	-28.56	peak
5	14010.000	34.64	22.63	57.27	82.25	-24.98	peak
6	17985.000	29.07	28.25	57.32	82.25	-24.93	peak

QPSK-20 MHz-Mid Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	51.06	4.21	55.27	82.25	-26.98	peak
2	8505.000	43.47	8.93	52.40	82.25	-29.85	peak
3	10005.000	42.08	11.88	53.96	82.25	-28.29	peak
4	12615.000	35.24	16.98	52.22	82.25	-30.03	peak
5	14010.000	33.62	21.05	54.67	82.25	-27.58	peak
6	17955.000	29.59	26.09	55.68	82.25	-26.57	peak

QPSK-20 MHz-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	46.84	3.21	50.05	82.25	-32.20	peak
2	8505.000	44.03	8.34	52.37	82.25	-29.88	peak
3	10005.000	42.12	12.57	54.69	82.25	-27.56	peak
4	11250.000	38.33	15.47	53.80	82.25	-28.45	peak
5	14010.000	34.36	22.63	56.99	82.25	-25.26	peak
6	17955.000	29.52	28.09	57.61	82.25	-24.64	peak

QPSK-20 MHz-High Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	51.10	4.21	55.31	82.25	-26.94	peak
2	7500.000	44.54	7.88	52.42	82.25	-29.83	peak
3	10005.000	42.77	11.88	54.65	82.25	-27.60	peak
4	11505.000	38.29	15.09	53.38	82.25	-28.87	peak
5	15510.000	34.70	19.81	54.51	82.25	-27.74	peak
6	17445.000	30.85	24.41	55.26	82.25	-26.99	peak

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

8.1.3. LTE Band 5

QPSK-10 MHz-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2485.000	49.47	-8.07	41.40	82.25	-40.85	peak
2	3313.000	50.46	-5.57	44.89	82.25	-37.36	peak
3	4141.000	42.49	-2.50	39.99	82.25	-42.26	peak
4	5770.000	42.80	1.93	44.73	82.25	-37.52	peak
5	8668.000	39.14	8.21	47.35	82.25	-34.90	peak
6	9370.000	37.82	10.00	47.82	82.25	-34.43	peak

QPSK-20 MHz-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2485.000	52.39	-7.27	45.12	82.25	-37.13	peak
2	3313.000	49.77	-4.46	45.31	82.25	-36.94	peak
3	4141.000	46.52	-1.46	45.06	82.25	-37.19	peak
4	5761.000	42.78	3.03	45.81	82.25	-36.44	peak
5	8227.000	37.15	8.87	46.02	82.25	-36.23	peak
6	9064.000	37.66	10.54	48.20	82.25	-34.05	peak

QPSK-10 MHz-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2503.000	46.40	-8.07	38.33	82.25	-43.92	peak
2	3340.000	49.00	-5.55	43.45	82.25	-38.80	peak
3	4996.000	39.66	0.62	40.28	82.25	-41.97	peak
4	5761.000	43.92	1.94	45.86	82.25	-36.39	peak
5	8470.000	38.09	7.77	45.86	82.25	-36.39	peak
6	9766.000	36.98	11.08	48.06	82.25	-34.19	peak

QPSK-10 MHz-Mid Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2503.000	50.06	-7.27	42.79	82.25	-39.46	peak
2	3340.000	45.61	-4.46	41.15	82.25	-41.10	peak
3	4996.000	43.46	1.82	45.28	82.25	-36.97	peak
4	5770.000	43.58	3.02	46.60	82.25	-35.65	peak
5	7507.000	37.30	7.43	44.73	82.25	-37.52	peak
6	9064.000	36.23	10.54	46.77	82.25	-35.48	peak

QPSK-10 MHz-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2530.000	53.56	-8.07	45.49	82.25	-36.76	peak
2	4618.000	46.37	-1.11	45.26	82.25	-36.99	peak
3	5761.000	46.16	1.94	48.10	82.25	-34.15	peak
4	6931.000	39.29	6.12	45.41	82.25	-36.84	peak
5	8137.000	41.23	7.85	49.08	82.25	-33.17	peak
6	9847.000	35.05	11.39	46.44	82.25	-35.81	peak

QPSK-10 MHz-High Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1693.000	55.54	-10.47	45.07	82.25	-37.18	peak
2	2539.000	52.51	-7.23	45.28	82.25	-36.97	peak
3	4213.000	50.61	-1.07	49.54	82.25	-32.71	peak
4	5770.000	44.82	3.02	47.84	82.25	-34.41	peak
5	7399.000	41.54	7.84	49.38	82.25	-32.87	peak
6	9865.000	36.57	10.95	47.52	82.25	-34.73	peak

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

8.1.4. LTE Band 7

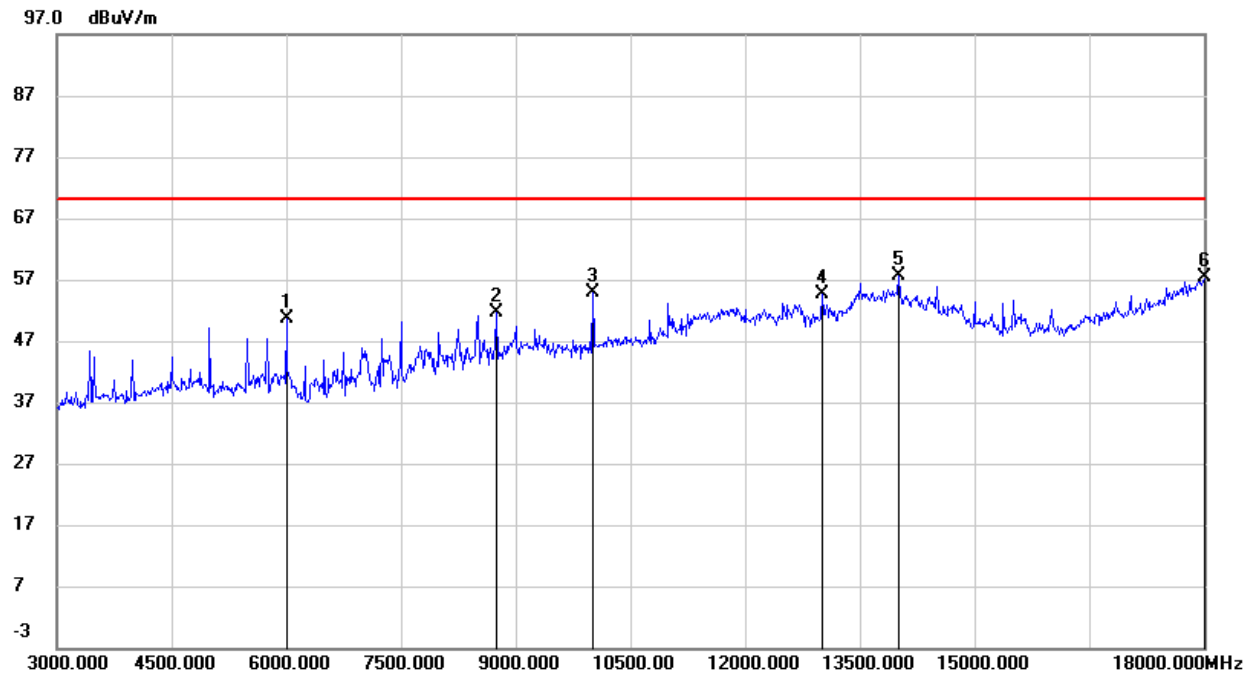
QPSK-20 MHz-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	51.84	1.03	52.87	70.25	-17.38	peak
2	8745.000	44.12	8.61	52.73	70.25	-17.52	peak
3	10005.000	42.90	12.57	55.47	70.25	-14.78	peak
4	12255.000	35.64	18.00	53.64	70.25	-16.61	peak
5	14010.000	35.02	22.63	57.65	70.25	-12.60	peak
6	18000.000	28.49	28.33	56.82	70.25	-13.43	peak

QPSK-20 MHz-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3990.000	47.20	-1.68	45.52	70.25	-24.73	peak
2	7500.000	40.68	7.88	48.56	70.25	-21.69	peak
3	8505.000	38.98	8.93	47.91	70.25	-22.34	peak
4	12255.000	33.24	17.00	50.24	70.25	-20.01	peak
5	13950.000	31.97	21.00	52.97	70.25	-17.28	peak
6	17775.000	27.91	25.79	53.70	70.25	-16.55	peak

QPSK-20 MHz-Mid Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	47.36	3.21	50.57	70.25	-19.68	peak
2	8745.000	43.00	8.61	51.61	70.25	-18.64	peak
3	10005.000	42.24	12.57	54.81	70.25	-15.44	peak
4	13005.000	35.75	18.81	54.56	70.25	-15.69	peak
5	14010.000	35.06	22.63	57.69	70.25	-12.56	peak
6	18000.000	29.11	28.33	57.44	70.25	-12.81	peak

QPSK-20 MHz-Mid Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	51.27	4.21	55.48	70.25	-14.77	peak
2	8505.000	43.23	8.93	52.16	70.25	-18.09	peak
3	10005.000	43.15	11.88	55.03	70.25	-15.22	peak
4	11745.000	36.39	15.71	52.10	70.25	-18.15	peak
5	14250.000	33.12	20.87	53.99	70.25	-16.26	peak
6	17850.000	29.66	26.00	55.66	70.25	-14.59	peak

QPSK-20 MHz-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	51.92	1.03	52.95	70.25	-17.30	peak
2	8505.000	45.72	8.34	54.06	70.25	-16.19	peak
3	10005.000	42.39	12.57	54.96	70.25	-15.29	peak
4	12000.000	35.69	17.90	53.59	70.25	-16.66	peak
5	14010.000	34.98	22.63	57.61	70.25	-12.64	peak
6	17985.000	28.74	28.25	56.99	70.25	-13.26	peak

QPSK-20 MHz-High Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6000.000	50.29	4.21	54.50	70.25	-15.75	peak
2	7500.000	42.97	7.88	50.85	70.25	-19.40	peak
3	10005.000	43.12	11.88	55.00	70.25	-15.25	peak
4	13005.000	34.14	17.61	51.75	70.25	-18.50	peak
5	13995.000	32.85	21.06	53.91	70.25	-16.34	peak
6	17775.000	28.91	25.79	54.70	70.25	-15.55	peak

Note: Limit= -25dBm+95.25=70.25 dBuV/m

8.1.5. LTE Band 12

QPSK-10 MHz-Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2431.000	54.32	-8.05	46.27	82.25	-35.98	peak
2	4501.000	45.14	-1.47	43.67	82.25	-38.58	peak
3	4996.000	50.93	0.62	51.55	82.25	-30.70	peak
4	6004.000	45.10	2.92	48.02	82.25	-34.23	peak
5	8947.000	37.44	9.85	47.29	82.25	-34.96	peak
6	10000.000	39.95	12.11	52.06	82.25	-30.19	peak

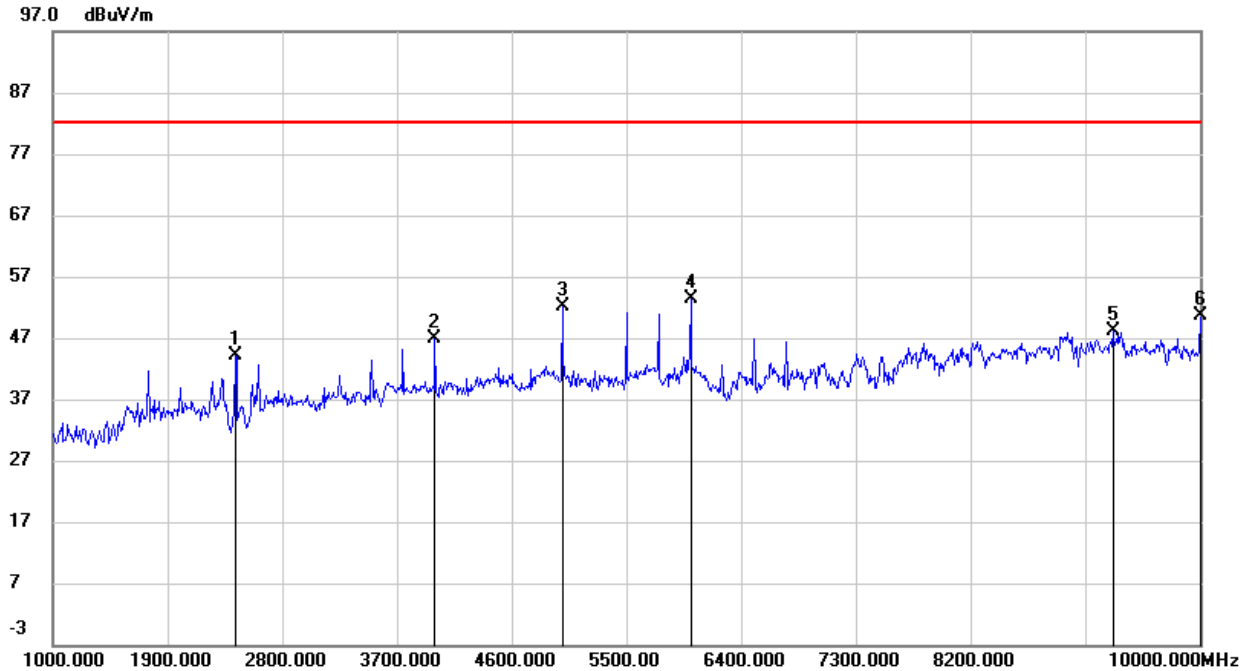
QPSK-10 MHz-Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2440.000	51.31	-7.24	44.07	82.25	-38.18	peak
2	3745.000	48.86	-2.61	46.25	82.25	-36.00	peak
3	4996.000	50.17	1.82	51.99	82.25	-30.26	peak
4	6004.000	48.93	3.92	52.85	82.25	-29.40	peak
5	8938.000	36.65	10.16	46.81	82.25	-35.44	peak
6	10000.000	40.59	11.41	52.00	82.25	-30.25	peak

QPSK-10 MHz-Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2314.000	50.39	-8.50	41.89	82.25	-40.36	peak
2	3997.000	47.86	-3.45	44.41	82.25	-37.84	peak
3	4996.000	49.48	0.62	50.10	82.25	-32.15	peak
4	5752.000	47.16	1.94	49.10	82.25	-33.15	peak
5	8956.000	36.47	9.95	46.42	82.25	-35.83	peak
6	10000.000	38.94	12.11	51.05	82.25	-31.20	peak

QPSK-10 MHz-Mid Channel- Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2431.000	51.34	-7.23	44.11	82.25	-38.14	peak
2	3997.000	49.24	-2.35	46.89	82.25	-35.36	peak
3	4996.000	50.30	1.82	52.12	82.25	-30.13	peak
4	6004.000	49.43	3.92	53.35	82.25	-28.90	peak
5	9316.000	38.05	10.01	48.06	82.25	-34.19	peak
6	10000.000	39.20	11.41	50.61	82.25	-31.64	peak

QPSK-10 MHz-High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2323.000	50.22	-8.45	41.77	82.25	-40.48	peak
2	3997.000	45.78	-3.45	42.33	82.25	-39.92	peak
3	4996.000	50.91	0.62	51.53	82.25	-30.72	peak
4	6004.000	46.18	2.92	49.10	82.25	-33.15	peak
5	9343.000	37.61	9.93	47.54	82.25	-34.71	peak
6	10000.000	39.43	12.11	51.54	82.25	-30.71	peak

QPSK-10 MHz-High Channel- Vertical

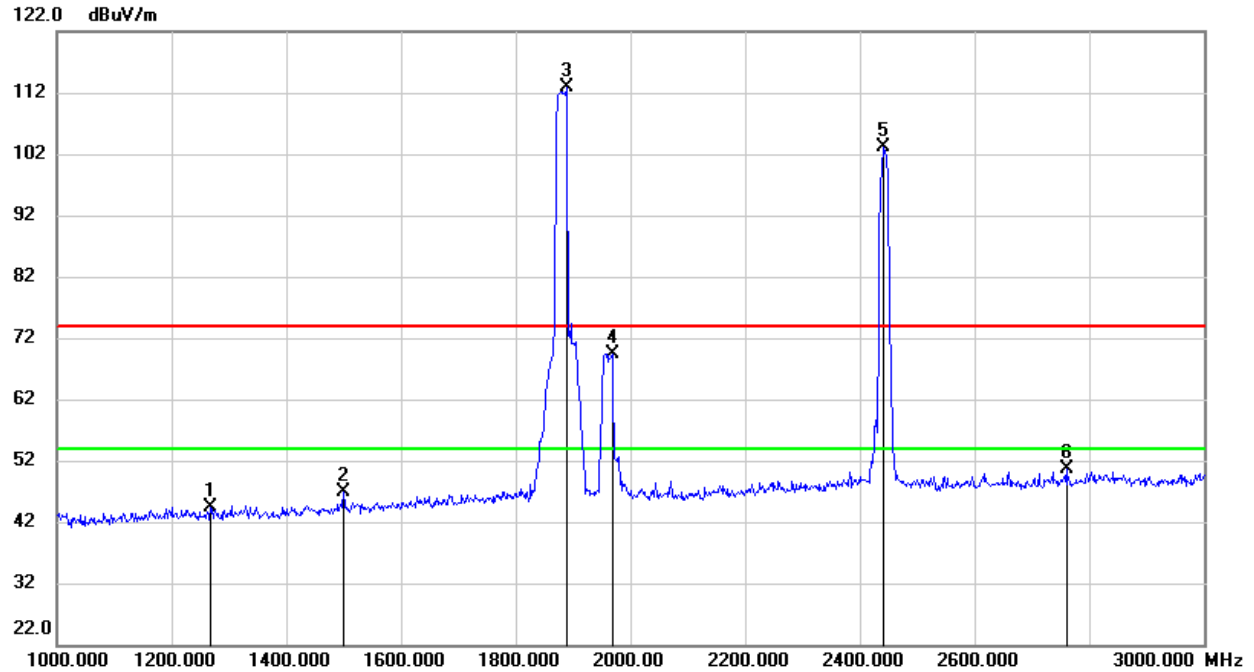
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2431.000	50.64	-7.23	43.41	82.25	-38.84	peak
2	3997.000	48.10	-2.35	45.75	82.25	-36.50	peak
3	4996.000	51.77	1.82	53.59	82.25	-28.66	peak
4	6004.000	49.67	3.92	53.59	82.25	-28.66	peak
5	9388.000	37.36	10.13	47.49	82.25	-34.76	peak
6	10000.000	38.56	11.41	49.97	82.25	-32.28	peak

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

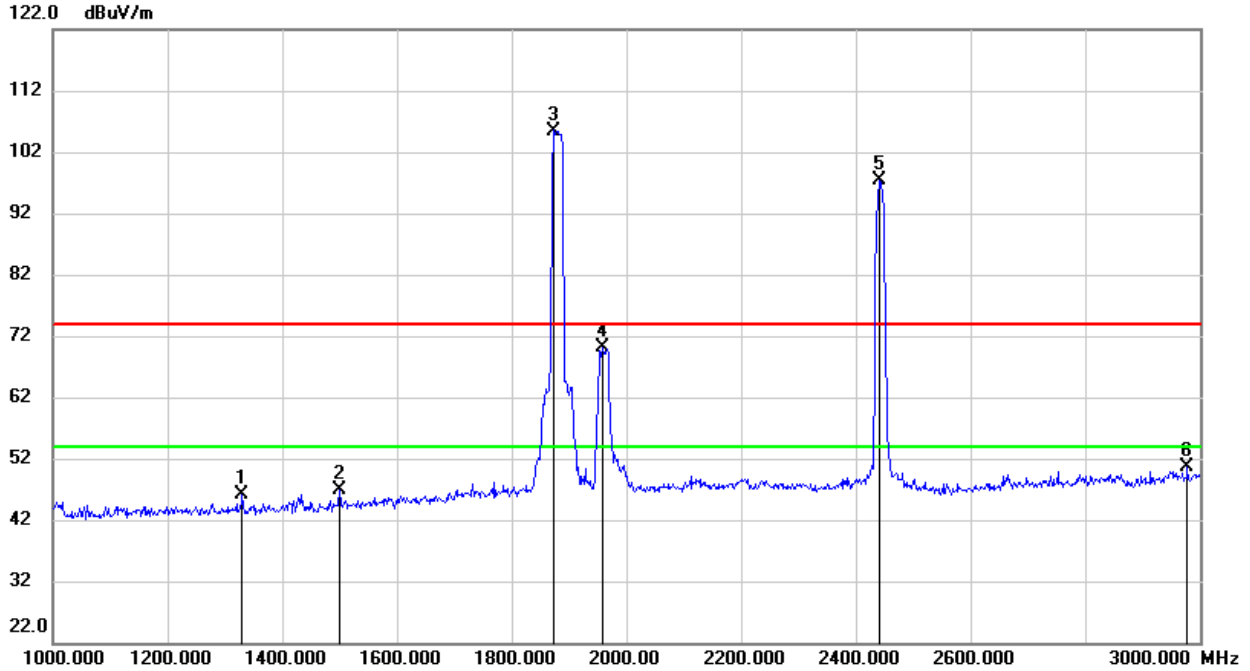
8.1.1. LTE Band 2 & 2.4GHz WiFi Simultaneous transmission

General note:

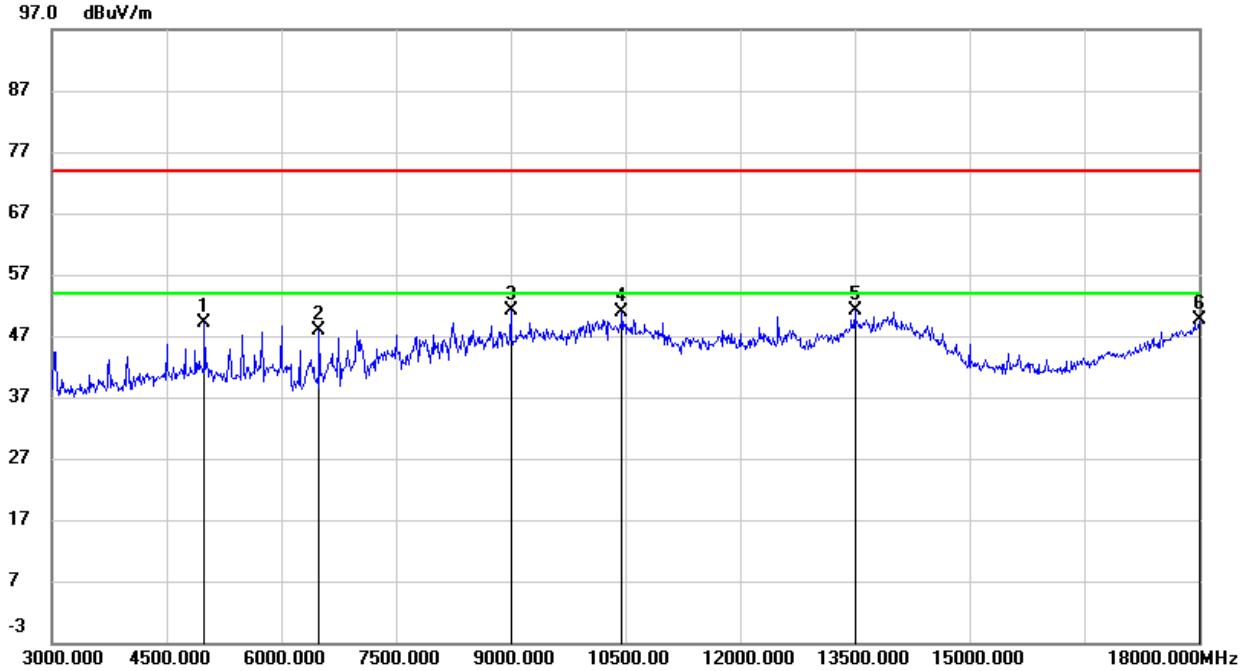
All possible combination is considered, only worst data reported.



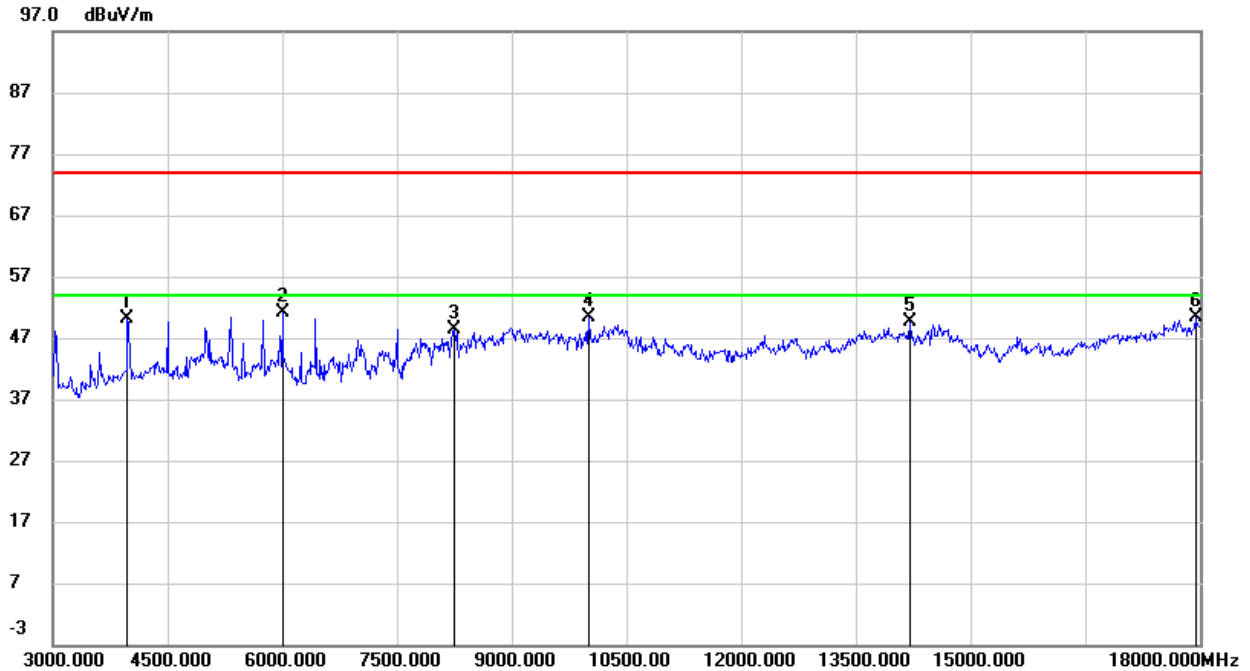
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1268.000	15.53	28.83	44.36	74.00	-29.64	peak
2	1500.000	17.48	29.44	46.92	74.00	-27.08	peak
3	1888.000	81.84	30.94	112.78	\	\	fundamental
4	1968.000	38.59	30.89	69.48	74.00	-4.52	peak
5	2442.000	70.43	32.79	103.22	\	\	fundamental
6	2760.000	17.26	33.37	50.63	74.00	-23.37	peak



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	16.96	29.16	46.12	74.00	-27.88	peak
2	1500.000	17.23	29.54	46.77	74.00	-27.23	peak
3	1874.000	73.84	31.66	105.50	\	\	fundamental
4	1958.000	38.37	31.73	70.10	74.00	-3.90	peak
5	2442.000	63.86	33.61	97.47	\	\	fundamental
6	2978.000	15.36	35.21	50.57	74.00	-23.43	peak



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	48.19	1.03	49.22	74.00	-24.78	peak
2	6495.000	43.40	4.59	47.99	74.00	-26.01	peak
3	9000.000	39.95	11.27	51.22	74.00	-22.78	peak
4	10455.000	37.45	13.32	50.77	74.00	-23.23	peak
5	13500.000	29.83	21.39	51.22	74.00	-22.78	peak
6	18000.000	21.37	28.33	49.70	74.00	-24.30	peak



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3975.000	51.83	-1.69	50.14	74.00	-23.86	peak
2	6000.000	46.86	4.21	51.07	74.00	-22.93	peak
3	8250.000	39.16	9.26	48.42	74.00	-25.58	peak
4	10005.000	38.42	11.88	50.30	74.00	-23.70	peak
5	14205.000	28.68	21.01	49.69	74.00	-24.31	peak
6	17940.000	24.22	26.08	50.30	74.00	-23.70	peak

END OF REPORT