FCC RADIO TEST REPORT

FCC ID	:	**PY321100529**
Equipment	:	**Netgear 5G MHS Travel Router**
Brand Name	:	**Netgear**
Model Name	:	**MR6500**
Applicant	:	**Netgear Inc** **350 E. Plumeria Drive, San Jose, CA 95134, United States**
Manufacturer	:	**Netgear Inc** **350 E. Plumeria Drive, San Jose, CA 95134, United States**
Standard	:	**FCC 47 CFR Part 2, 22(H), 24(E), 27**

The product was received on Oct. 19, 2021 and testing was performed from Oct. 29, 2021 to Jan. 04, 2022. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FG190614A	01	Initial issue of report	Jan. 24, 2022
FG190614A	02	1. Revise Product Feature of Equipment Under Test 2. Revise remark for section 2.1	Jan. 28, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5)	Effective Radiated Power (Band 5)	Pass	
	§27.50 (c)(10)	Effective Radiated Power (Band 12)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 7)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7)		
3.6	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 66)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7)		
3.7	§2.1055 §22.355 §24.235 §27.54	Frequency Stability Temperature & Voltage	Pass	-

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 66)	Pass	Under limit 10.97 dB at 10105.000 MHz
	§2.1051 §27.53 (m)(4)	Radiated Spurious Emission (Band 7)		

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Avis Chuang

Report Producer: Cindy Liu

1 General Description

1.1 Product Feature of Equipment Under Test

LTE/5G NR, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11a/n/ac/ax, and GPS

Product Feature	
Antenna Type	WWAN: **<Ant. 1>:** Monopole Antenna **<Ant. 2>:** Monopole Antenna WLAN: **<Ant. 3>:** Monopole Antenna **<Ant. 4>:** Monopole Antenna GPS: PIFA Antenna

Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

Antenna Information	
Internal Antenna Gain	**<Ant. 1>:** LTE Band 2: 0.67 dBi LTE Band 5: -0.88 dBi LTE Band 12: -0.83 dBi LTE Band 66: 0.67 dBi **<Ant. 2>:** LTE Band 2: 0.45 dBi LTE Band 4: 0.54 dBi LTE Band 7: -0.53 dBi LTE Band 66: 0.54 dBi
External Connector	TS9

Remark:

1. TS9 connector is for the external antennas, while the external antennas are connected, RF outputs are switched from internal antenna 1/2 to the external one.
2. The maximum antenna gain allowed for the external antenna is limited by the internal antenna gain, also illustrated in the user manual.

1.2 Modification of EUT

No modifications are made to the EUT during all test items.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH03-HY
Test Engineer	Bryant Liu
Temperature (℃)	22.8~23.2
Relative Humidity (%)	52~56

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH16-HY (TAF Code: 3786)
Test Engineer	Karl Hou and Andy Yang
Temperature (℃)	18~25
Relative Humidity (%)	50~65
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26-2015
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 22(H), 24(E), 27
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find X Plane for LTE Band 5, 66, 66B, 66C; Y Plane for LTE Band 7, 12; Z Plane for LTE Band 2 as worst plane.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	2	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	4	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	5	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	7	-	-	v	v	v	v	v	v	v	v	v	v	v	v	v	v
	12	v	v	v	v	-	-	v	v	v	v	v	v	v	v	v	v
	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
Peak-to-Average Ratio	2						v	v	v	v	v	v		v		v	
	4	Covered by Band 66															
	5				v	-	-	v	v	v	v	v		v		v	
	7	-	-				v	v	v	v	v	v		v		v	
	12				v	-	-	v	v	v	v	v		v		v	
	66						v	v	v	v	v	v		v		v	
26dB and 99% Bandwidth	2	v	v	v	v	v	v	v	v	v	v	v		v		v	
	4	Covered by Band 66															
	5	v	v	v	v	-	-	v	v	v	v	v		v		v	
	7	-	-	v	v	v	v	v	v	v	v	v		v		v	
	12	v	v	v	v	-	-	v	v	v	v	v		v		v	
	66	v	v	v	v	v	v	v	v	v	v	v		v		v	

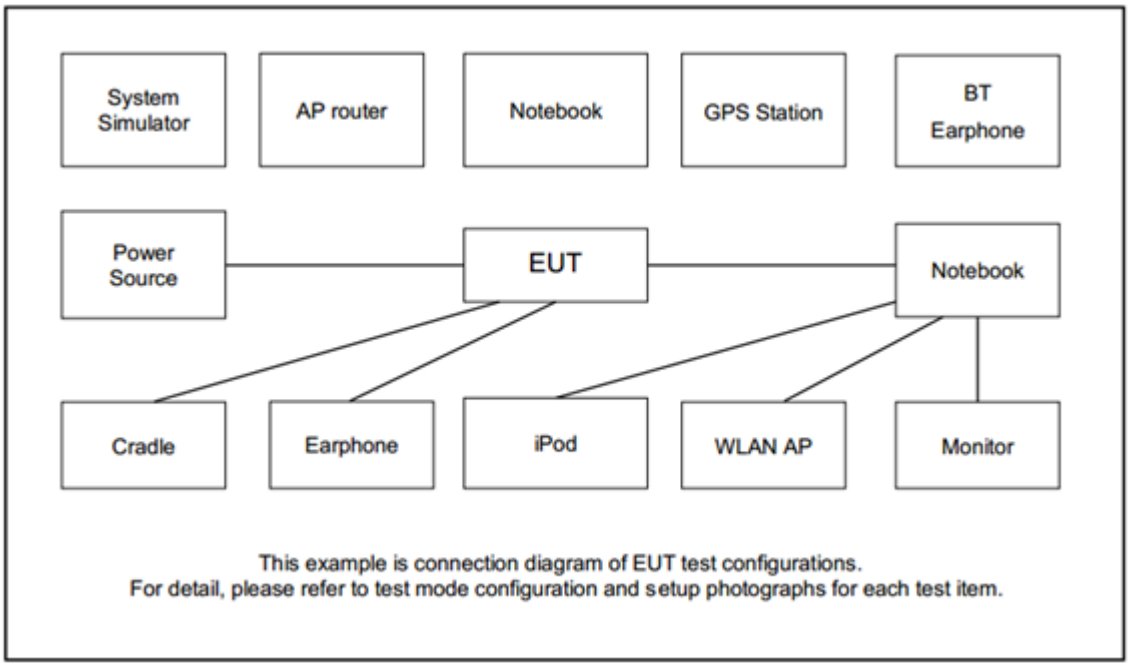
Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Conducted Band Edge	2	v	v	v	v	v	v	v	v	v	v	v		v	v		v
	4	Covered by Band 66															
	5	v	v	v	v	-	-	v	v	v	v	v		v	v		v
	7	-	-	v	v	v	v	v	v	v	v	v		v	v		v
	12	v	v	v	v	-	-	v	v	v	v	v		v	v		v
	66	v	v	v	v	v	v	v	v	v	v	v		v	v		v
Conducted Spurious Emission	2	v	v	v	v	v	v	v				v			v	v	v
	4	Covered by Band 66															
	5	v	v	v	v	-	-	v				v			v	v	v
	7	-	-	v	v	v	v	v				v			v	v	v
	12	v	v	v	v	-	-	v				v			v	v	v
	66	v	v	v	v	v	v	v				v			v	v	v
Frequency Stability	2				v			v						v		v	
	4	Covered by Band 66															
	5				v	-	-	v						v		v	
	7	-	-		v			v						v		v	
	12				v	-	-	v						v		v	
	66				v			v						v		v	

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
E.R.P / E.I.R.P	2	v	v	v	v	v	v	v	v	v	v	Max. Power					
	4	v	v	v	v	v	v	v	v	v	v						
	5	v	v	v	v	-	-	v	v	v	v						
	7	-	-	v	v	v	v	v	v	v	v						
	12	v	v	v	v	-	-	v	v	v	v						
	66	v	v	v	v	v	v	v	v	v	v						
Radiated Spurious Emission	2	Worst Case													v	v	v
	4	Covered by Band 66															
	5	Worst Case													v	v	v
	7	Worst Case													v	v	v
	12	Worst Case													v	v	v
	66	Worst Case													v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 1. 5. Wider operating range bandwidth covers narrower one when the power is higher or the same. 6. For uplink inter band CA mode colocation, worst mode combination 2A_66A emission has been investigated, no noticeable emission was found.															

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		10+10	15+5	5+15	10+5	5+10	5+5	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	66B_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	66B_CA	v	v	v	v	v	v	v	v	v	v	v		v		v	
Conducted Band Edge	66B_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v
Conducted Spurious Emission	66B_CA	v	v	v	v	v	v	v				v	v		v	v	v
E.I.R.P.	66B_CA	v	v	v	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	66B_CA	Worst Case													v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 1.																

Test Items	Band	Bandwidth (MHz)										Modulation				RB #			Test Channel		
		10+15	15+10	10+20	20+10	15+15	15+20	20+15	20+5	5+20	20+20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	M	H
Max. Output Power	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v		v	
Conducted Band Edge	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v		v
Conducted Spurious Emission	66C_CA	v	v	v	v	v	v	v	v	v	v	v				v	v		v	v	v
E.I.R.P.	66C_CA	v	v	v	v	v	v	v	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	66C_CA	Worst Case																	v	v	v
Remark	1. The mark "**v** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported. 4. All the radiated test cases were performed with Adapter 1.																				

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

2.5 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 4 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	20050	20175	20300
	Frequency	1720	1732.5	1745
15	Channel	20025	20175	20325
	Frequency	1717.5	1732.5	1747.5
10	Channel	20000	20175	20350
	Frequency	1715	1732.5	1750
5	Channel	19975	20175	20375
	Frequency	1712.5	1732.5	1752.5
3	Channel	19965	20175	20385
	Frequency	1711.5	1732.5	1753.5
1.4	Channel	19957	20175	20393
	Frequency	1710.7	1732.5	1754.3

LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 7 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	20850	21100	21350
	Frequency	2510	2535	2560
15	Channel	20825	21100	21375
	Frequency	2507.5	2535	2562.5
10	Channel	20800	21100	21400
	Frequency	2505	2535	2565
5	Channel	20775	21100	21425
	Frequency	2502.5	2535	2567.5

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3

LTE Band 66 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

LTE Band 66B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
5 + 5	PCC	Channel	131997	132398	132599
		Frequency	1712.5	1752.6	1772.7
	SCC	Channel	132045	133346	132647
		Frequency	1717.3	1757.4	1777.5
5 + 10	PCC	Channel	132000	132375	132550
		Frequency	1712.8	1750.3	1767.8
	SCC	Channel	132072	133347	132622
		Frequency	1720.0	1757.5	1775.0
10 + 5	PCC	Channel	132022	132397	132572
		Frequency	1715.0	1752.5	1770.0
	SCC	Channel	132094	133369	132644
		Frequency	1722.2	1759.7	1777.2
5 + 15	PCC	Channel	132002	132353	132504
		Frequency	1713.0	1748.1	1763.2
	SCC	Channel	132095	133346	132597
		Frequency	1722.3	1757.4	1772.5
15 + 5	PCC	Channel	132047	132398	132549
		Frequency	1717.5	1752.6	1767.7
	SCC	Channel	132140	133391	132642
		Frequency	1726.8	1761.9	1777.0
10 + 10	PCC	Channel	132022	132373	135523
		Frequency	1715.0	1750.1	1765.1
	SCC	Channel	132121	133372	132622
		Frequency	1724.9	1760.0	1775.0

LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	133393	132619
		Frequency	1729.5	1761.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7

LTE Band 66C Channel and Frequency List_CA					
5 + 20	PCC	Channel	132005	132330	132455
		Frequency	1713.3	1745.8	1758.3
	SCC	Channel	132122	132447	132572
		Frequency	1725.0	1757.5	1770.0
20 + 20	PCC	Channel	132072	132323	132374
		Frequency	1720.0	1745.1	1750.2
	SCC	Channel	132270	133421	132572
		Frequency	1739.8	1764.9	1770.0

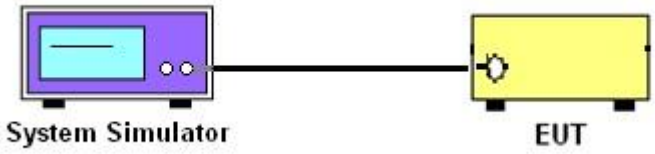
3 Conducted Test Items

3.1 Measuring Instruments

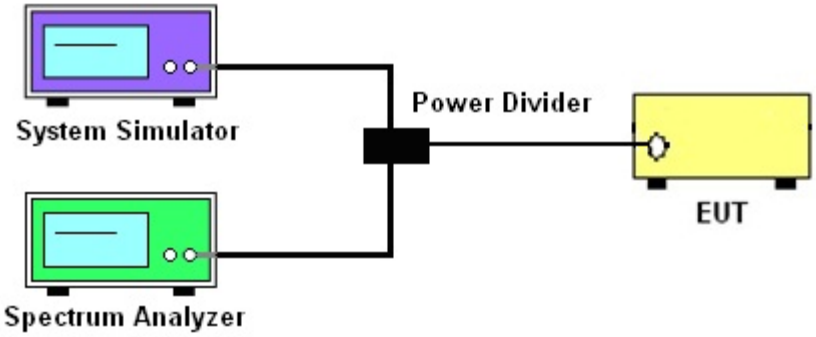
See list of measuring instruments of this test report.

3.1.1 Test Setup

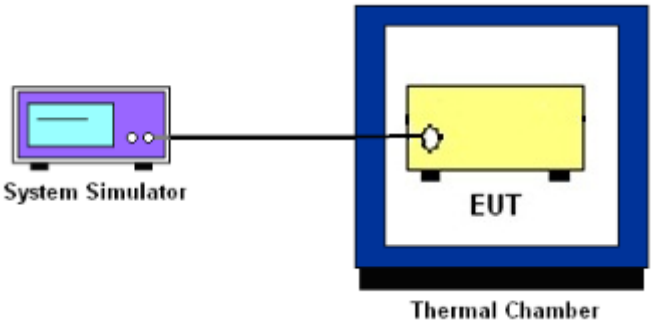
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge and Conducted Spurious Emission



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2 and Band 7

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4 and Band 66

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, ERP = EIRP -2.15, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.

3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.4.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
   (this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “–X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

27.53 (h)

For operations in the 1710 – 1755 MHz band, 1755-1780 MHz, the FCC limit is 43 + 10log10(P[Watts]) dB below the transmitter power P(Watts) in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 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. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW >= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.

   The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

   For LTE Band 7

   The other 40 dB, and 55 dB have additionally applied same calculation above.

3.6 Conducted Spurious Emission

3.6.1 Description of Conducted Spurious Emission Measurement

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 7

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.6.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. The middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

   For LTE Band 7

   The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

3.7 Frequency Stability

3.7.1 Description of Frequency Stability Measurement

22.355

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5ppm) of the center frequency.

24.235 & 27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

3.7.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.7.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 20±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

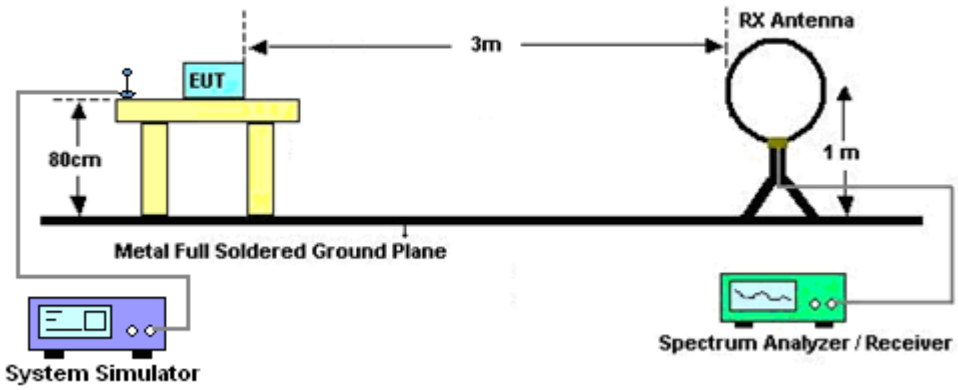
4 Radiated Test Items

4.1 Measuring Instruments

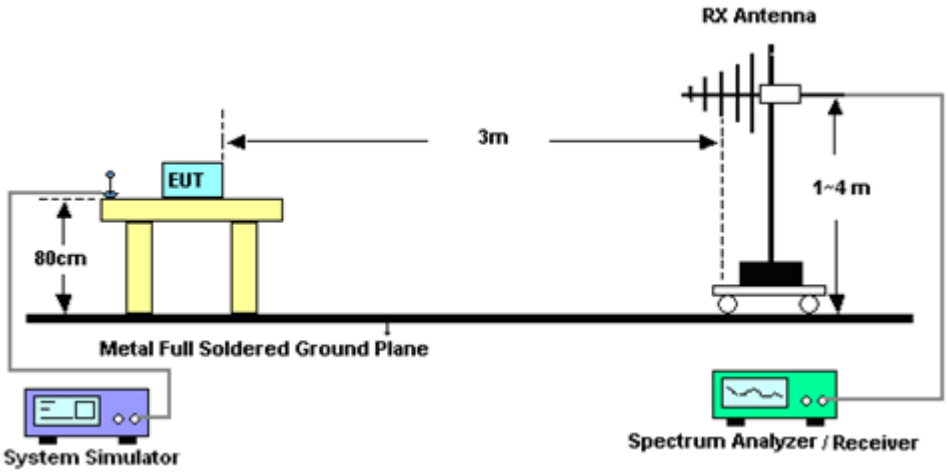
See list of measuring instruments of this test report.

4.1.1 Test Setup

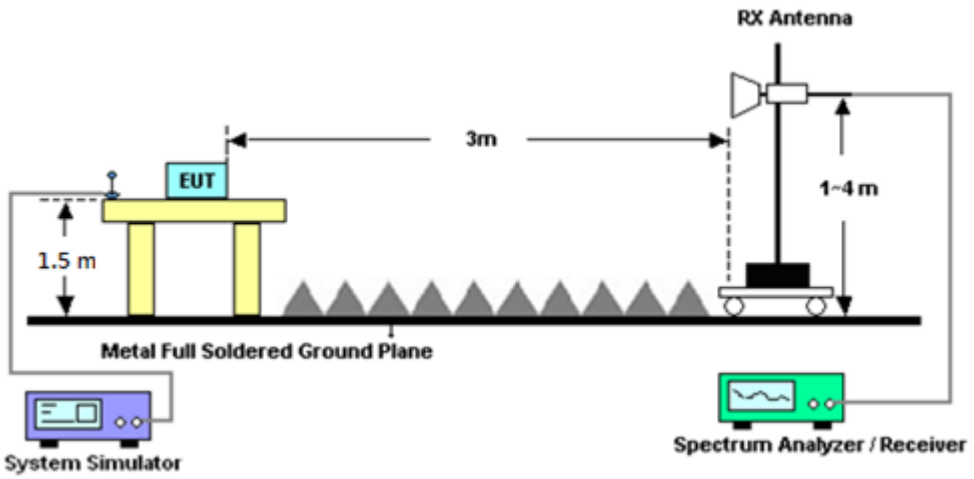
For radiated test below 30MHz



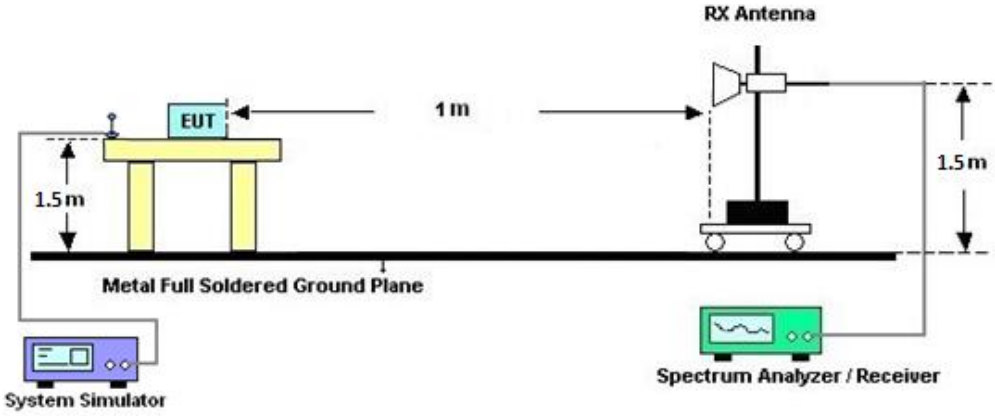
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 7

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

    The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

    For LTE Band 7

    The limit line is derived from 55 + 10log(P)dB below the transmitter power P(Watts)

    EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain

    ERP (dBm) = EIRP - 2.15

5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 07, 2021	Oct. 29, 2021~ Dec. 03, 2021	Sep. 06, 2022	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00991	18GHz-40GHz	May 12, 2021	Oct. 29, 2021~ Dec. 03, 2021	May 11, 2022	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170576	18GHz-40GHz	May 21, 2021	Oct. 29, 2021~ Dec. 03, 2021	May 20, 2022	Radiation (03CH16-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 15, 2021	Oct. 29, 2021~ Dec. 03, 2021	Oct. 14, 2022	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 22, 2021	Oct. 29, 2021~ Dec. 03, 2021	Jun. 21, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40G	Jan. 04, 2021	Oct. 29, 2021~ Dec. 03, 2021	Jan. 03, 2022	Radiation (03CH16-HY)
Signal Generator	Agilent	MG3694C	163401	0.1Hz~40GHz	Jan. 31, 2021	Oct. 29, 2021~ Dec. 03, 2021	Jan. 30, 2022	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz to 1GHz	Feb. 08, 2021	Oct. 29, 2021~ Dec. 03, 2021	Feb. 07, 2022	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz to 1GHz	Oct. 09, 2021	Oct. 29, 2021~ Dec. 03, 2021	Oct. 08, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Oct. 12, 2021	Oct. 29, 2021~ Dec. 03, 2021	Oct. 11, 2022	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1212	1G~18GHz	May 18, 2021	Oct. 29, 2021~ Dec. 03, 2021	May 18, 2022	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1G	Jul. 05, 2021	Oct. 29, 2021~ Dec. 03, 2021	Jul. 04, 2022	Radiation (03CH16-HY)
Amplifier	Jet-Power	JPA0118-55-303	1710001800054001	1-18GHz	Jun. 16, 2021	Oct. 29, 2021~ Dec. 03, 2021	Jun. 15, 2022	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 10, 2020	Oct. 29, 2021~ Dec. 03, 2021	Dec. 09, 2021	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A	MY57290111	3Hz~26.5GHz	Dec. 11, 2020	Oct. 29, 2021~ Dec. 03, 2021	Dec. 10, 2021	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11680/4PE	NA	Aug. 28, 2021	Oct. 29, 2021~ Dec. 03, 2021	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY11688/4PE	NA	Aug. 28, 2021	Oct. 29, 2021~ Dec. 03, 2021	Aug. 27, 2022	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	EC-A5-300-5757	NA	Aug. 28, 2021	Oct. 29, 2021~ Dec. 03, 2021	Aug. 27, 2022	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	Oct. 29, 2021~ Dec. 03, 2021	N/A	Radiation (03CH16-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Oct. 29, 2021~ Dec. 03, 2021	N/A	Radiation (03CH16-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Oct. 29, 2021~ Dec. 03, 2021	N/A	Radiation (03CH16-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Oct. 29, 2021~ Dec. 03, 2021	N/A	Radiation (03CH16-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6201664755	2/3/4G/LTE FDD/TDD with44)/LTE-3CC DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Nov. 03, 2021~ Jan. 04, 2022	Jul. 20, 2022	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101909	10Hz~40GHz	Aug. 13, 2021	Nov. 03, 2021~ Jan. 04, 2022	Aug. 12, 2022	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 09, 2021	Nov. 03, 2021~ Jan. 04, 2022	Sep. 08, 2022	Conducted (TH03-HY)
Programmable Power Supply	GW Instek	PSS-2005	EL890001	1V~20V 0.5A~5A	Oct. 06, 2021	Nov. 03, 2021~ Jan. 04, 2022	Oct. 05, 2022	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 09, 2021	Nov. 03, 2021~ Jan. 04, 2022	Jan. 08, 2022	Conducted (TH03-HY)

6 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.86 dB

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.68 dB

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.00 dB

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Ant. 1>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.42	23.48	23.39	24.15	0.2600
20	1	49		23.29	23.43	23.25		
20	1	99		23.26	23.40	23.22		
20	50	0		22.27	22.38	22.16		
20	50	24		22.21	22.37	22.20		
20	50	50		22.28	22.42	22.27		
20	100	0		22.23	22.40	22.20		
20	1	0	16-QAM	22.05	22.26	22.12	22.99	0.1991
20	1	49		22.17	22.32	22.14		
20	1	99		22.13	22.25	22.03		
20	50	0		21.17	21.34	21.11		
20	50	24		21.24	21.42	21.20		
20	50	50		21.22	21.43	21.21		
20	100	0		21.24	21.35	21.19		
20	1	0	64-QAM	21.13	21.24	21.07	22.03	0.1596
20	1	49		21.17	21.36	21.22		
20	1	99		21.10	21.25	21.04		
20	50	0		20.20	20.33	20.18		
20	50	24		20.21	20.41	20.20		
20	50	50		20.29	20.40	20.16		
20	100	0		20.17	20.38	20.14		
20	1	0	256-QAM	18.03	18.18	18.04	19.07	0.0807
20	1	49		18.27	18.39	18.16		
20	1	99		18.04	18.19	17.95		
20	50	0		18.17	18.30	18.07		
20	50	24		18.16	18.34	18.17		
20	50	50		18.24	18.35	18.13		
20	100	0		18.24	18.40	18.22		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.39	23.42	23.36	24.09	0.2564
15	1	37		23.26	23.40	23.23		
15	1	74		23.23	23.33	23.20		
15	36	0		22.19	22.35	22.16		
15	36	20		22.26	22.28	22.14		
15	36	39		22.30	22.37	22.20		
15	75	0		22.19	22.37	22.20		
15	1	0	16-QAM	22.08	22.17	22.06	22.97	0.1982
15	1	37		22.12	22.30	22.08		
15	1	74		22.14	22.23	22.02		
15	36	0		21.15	21.27	21.20		
15	36	20		21.23	21.40	21.19		
15	36	39		21.27	21.37	21.25		
15	75	0		21.16	21.34	21.21		
15	1	0	64-QAM	21.10	21.18	21.10	22.02	0.1592
15	1	37		21.22	21.35	21.19		
15	1	74		21.11	21.25	21.10		
15	36	0		20.14	20.32	20.18		
15	36	20		20.22	20.31	20.20		
15	36	39		20.21	20.36	20.19		
15	75	0		20.25	20.38	20.20		
15	1	0	256-QAM	18.02	18.13	17.97	19.06	0.0805
15	1	37		18.24	18.39	18.15		
15	1	74		18.01	18.10	18.05		
15	36	0		18.19	18.29	18.09		
15	36	20		18.19	18.28	18.18		
15	36	39		18.22	18.26	18.19		
15	75	0		18.25	18.36	18.17		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.38	23.43	23.36	24.1	0.2570
10	1	25		23.30	23.41	23.24		
10	1	49		23.24	23.39	23.26		
10	25	0		22.19	22.37	22.21		
10	25	12		22.16	22.33	22.14		
10	25	25		22.28	22.37	22.23		
10	50	0		22.25	22.38	22.16		
10	1	0	16-QAM	22.15	22.21	22.04	22.89	0.1945
10	1	25		22.21	22.22	22.16		
10	1	49		22.13	22.18	22.11		
10	25	0		21.16	21.32	21.14		
10	25	12		21.28	21.34	21.27		
10	25	25		21.32	21.36	21.21		
10	50	0		21.19	21.33	21.21		
10	1	0	64-QAM	21.05	21.16	21.02	22.02	0.1592
10	1	25		21.25	21.35	21.16		
10	1	49		21.13	21.16	21.04		
10	25	0		20.16	20.29	20.09		
10	25	12		20.22	20.34	20.18		
10	25	25		20.25	20.39	20.22		
10	50	0		20.23	20.36	20.17		
10	1	0	256-QAM	18.01	18.15	18.01	19.03	0.0800
10	1	25		18.21	18.35	18.18		
10	1	49		18.05	18.17	17.96		
10	25	0		18.09	18.21	18.06		
10	25	12		18.15	18.29	18.18		
10	25	25		18.14	18.34	18.12		
10	50	0		18.23	18.36	18.16		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.38	23.46	23.32	24.13	0.2588
5	1	12		23.27	23.36	23.23		
5	1	24		23.19	23.39	23.16		
5	12	0		22.27	22.28	22.20		
5	12	7		22.19	22.35	22.23		
5	12	13		22.28	22.37	22.19		
5	25	0		22.22	22.32	22.17		
5	1	0	16-QAM	22.15	22.23	22.07	22.9	0.1950
5	1	12		22.12	22.22	22.08		
5	1	24		22.08	22.20	22.07		
5	12	0		21.16	21.30	21.20		
5	12	7		21.25	21.41	21.21		
5	12	13		21.32	21.34	21.23		
5	25	0		21.24	21.33	21.14		
5	1	0	64-QAM	21.12	21.20	21.09	21.96	0.1570
5	1	12		21.16	21.29	21.22		
5	1	24		21.11	21.24	21.10		
5	12	0		20.15	20.24	20.13		
5	12	7		20.30	20.38	20.27		
5	12	13		20.22	20.35	20.24		
5	25	0		20.22	20.31	20.20		
5	1	0	256-QAM	18.06	18.17	18.04	19	0.0794
5	1	12		18.28	18.31	18.22		
5	1	24		17.99	18.09	17.99		
5	12	0		18.09	18.25	18.13		
5	12	7		18.14	18.26	18.18		
5	12	13		18.17	18.27	18.14		
5	25	0		18.28	18.33	18.24		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.34	23.47	23.33	24.14	0.2594
3	1	8		23.27	23.42	23.27		
3	1	14		23.20	23.33	23.19		
3	8	0		22.17	22.38	22.23		
3	8	4		22.24	22.29	22.13		
3	8	7		22.31	22.37	22.18		
3	15	0		22.29	22.30	22.23		
3	1	0	16-QAM	22.15	22.16	22.11	22.96	0.1977
3	1	8		22.19	22.29	22.16		
3	1	14		22.05	22.15	22.11		
3	8	0		21.21	21.31	21.20		
3	8	4		21.28	21.42	21.27		
3	8	7		21.32	21.33	21.21		
3	15	0		21.19	21.28	21.13		
3	1	0	64-QAM	21.04	21.19	21.09	21.95	0.1567
3	1	8		21.25	21.28	21.17		
3	1	14		21.14	21.18	21.05		
3	8	0		20.18	20.23	20.10		
3	8	4		20.29	20.35	20.24		
3	8	7		20.21	20.38	20.16		
3	15	0		20.21	20.31	20.15		
3	1	0	256-QAM	18.02	18.16	17.99	19.02	0.0798
3	1	8		18.24	18.35	18.23		
3	1	14		18.00	18.11	17.97		
3	8	0		18.10	18.22	18.07		
3	8	4		18.23	18.25	18.16		
3	8	7		18.17	18.33	18.14		
3	15	0		18.20	18.30	18.18		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.36	23.46	23.30	24.15	0.2600
1.4	1	3		23.31	23.42	23.25		
1.4	1	5		23.29	23.32	23.22		
1.4	3	0		23.33	**23.48**	23.31		
1.4	3	1		23.23	23.43	23.24		
1.4	3	3		23.27	23.35	23.21		
1.4	6	0		22.23	22.40	22.22		
1.4	1	0	16-QAM	22.08	22.17	22.10	22.95	0.1972
1.4	1	3		22.15	22.28	22.16		
1.4	1	5		22.06	22.17	22.07		
1.4	3	0		22.05	22.24	22.09		
1.4	3	1		22.15	22.26	22.16		
1.4	3	3		22.09	22.23	22.06		
1.4	6	0		21.14	21.27	21.18		
1.4	1	0	64-QAM	21.13	21.17	21.05	22.03	0.1596
1.4	1	3		21.16	21.29	21.18		
1.4	1	5		21.12	21.24	21.08		
1.4	3	0		21.06	21.21	21.07		
1.4	3	1		21.17	21.36	21.21		
1.4	3	3		21.07	21.21	21.10		
1.4	6	0		20.19	20.33	20.16		
1.4	1	0	256-QAM	18.02	18.10	17.97	19.02	0.0798
1.4	1	3		18.24	18.35	18.25		
1.4	1	5		18.08	18.19	17.96		
1.4	3	0		18.07	18.17	18.03		
1.4	3	1		18.22	18.35	18.15		
1.4	3	3		18.01	18.11	18.00		
1.4	6	0		18.28	18.32	18.22		
Limit	EIRP < 2W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.88 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.22	**23.27**	23.21	20.24	0.1057
10	1	25		23.17	23.17	23.22		
10	1	49		23.05	23.06	23.15		
10	25	0		22.25	22.21	22.24		
10	25	12		22.24	22.23	22.27		
10	25	25		22.21	22.26	22.29		
10	50	0		22.30	22.27	22.28		
10	1	0	16-QAM	22.38	22.56	22.54	19.68	0.0929
10	1	25		22.35	22.50	22.68		
10	1	49		22.23	22.64	22.71		
10	25	0		21.19	21.23	21.29		
10	25	12		21.28	21.24	21.29		
10	25	25		21.21	21.29	21.37		
10	50	0		21.31	21.32	21.29		
10	1	0	64-QAM	21.54	21.39	21.42	18.54	0.0714
10	1	25		21.45	21.44	21.37		
10	1	49		21.53	21.50	21.57		
10	25	0		20.30	20.32	20.30		
10	25	12		20.38	20.31	20.29		
10	25	25		20.36	20.39	20.36		
10	50	0		20.33	20.37	20.28		
10	1	0	256-QAM	18.76	18.81	18.73	15.86	0.0385
10	1	25		18.88	18.71	18.72		
10	1	49		18.84	18.80	18.80		
10	25	0		18.79	18.77	18.78		
10	25	12		18.82	18.74	18.70		
10	25	25		18.86	18.89	18.86		
10	50	0		18.79	18.83	18.71		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.88 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.16	23.22	23.11	20.19	0.1045
5	1	12		23.11	23.12	23.18		
5	1	24		22.97	23.02	23.06		
5	12	0		22.16	22.16	22.22		
5	12	7		22.14	22.15	22.20		
5	12	13		22.11	22.21	22.19		
5	25	0		22.27	22.21	22.21		
5	1	0	16-QAM	22.36	22.52	22.50	19.62	0.0916
5	1	12		22.28	22.42	22.62		
5	1	24		22.20	22.62	22.65		
5	12	0		21.19	21.15	21.23		
5	12	7		21.28	21.14	21.26		
5	12	13		21.18	21.23	21.30		
5	25	0		21.24	21.32	21.22		
5	1	0	64-QAM	21.46	21.31	21.40	18.53	0.0713
5	1	12		21.38	21.34	21.32		
5	1	24		21.45	21.41	21.56		
5	12	0		20.25	20.22	20.23		
5	12	7		20.28	20.31	20.25		
5	12	13		20.33	20.39	20.31		
5	25	0		20.27	20.31	20.26		
5	1	0	256-QAM	18.68	18.81	18.70	15.85	0.0385
5	1	12		18.88	18.62	18.63		
5	1	24		18.75	18.79	18.71		
5	12	0		18.77	18.71	18.69		
5	12	7		18.81	18.65	18.67		
5	12	13		18.83	18.87	18.79		
5	25	0		18.71	18.81	18.62		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.88 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.13	23.19	23.12	20.16	0.1038
3	1	8		23.11	23.10	23.19		
3	1	14		23.05	22.99	23.14		
3	8	0		22.20	22.11	22.16		
3	8	4		22.16	22.16	22.18		
3	8	7		22.14	22.21	22.28		
3	15	0		22.22	22.26	22.28		
3	1	0	16-QAM	22.32	22.47	22.46	19.63	0.0918
3	1	8		22.34	22.44	22.66		
3	1	14		22.18	22.56	22.63		
3	8	0		21.13	21.21	21.28		
3	8	4		21.21	21.19	21.28		
3	8	7		21.16	21.29	21.28		
3	15	0		21.25	21.23	21.25		
3	1	0	64-QAM	21.47	21.37	21.36	18.48	0.0705
3	1	8		21.42	21.44	21.29		
3	1	14		21.51	21.45	21.49		
3	8	0		20.25	20.28	20.20		
3	8	4		20.28	20.27	20.25		
3	8	7		20.32	20.39	20.34		
3	15	0		20.24	20.27	20.28		
3	1	0	256-QAM	18.67	18.78	18.69	15.83	0.0383
3	1	8		18.78	18.69	18.67		
3	1	14		18.74	18.72	18.74		
3	8	0		18.78	18.71	18.72		
3	8	4		18.75	18.73	18.65		
3	8	7		18.78	18.84	18.86		
3	15	0		18.75	18.80	18.61		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -0.88 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.16	23.25	23.12	20.24	0.1057
1.4	1	3		23.17	23.08	23.13		
1.4	1	5		22.97	23.03	23.07		
1.4	3	0		23.21	**23.27**	23.20		
1.4	3	1		23.14	23.09	23.16		
1.4	3	3		22.96	23.05	23.10		
1.4	6	0		22.23	22.27	22.25		
1.4	1	0	16-QAM	22.34	22.52	22.48	19.65	0.0923
1.4	1	3		22.28	22.48	22.65		
1.4	1	5		22.21	22.64	22.62		
1.4	3	0		22.28	22.49	22.49		
1.4	3	1		22.32	22.48	22.64		
1.4	3	3		22.18	22.54	22.68		
1.4	6	0		21.30	21.22	21.19		
1.4	1	0	64-QAM	21.47	21.33	21.38	18.5	0.0708
1.4	1	3		21.44	21.43	21.29		
1.4	1	5		21.52	21.45	21.53		
1.4	3	0		21.49	21.37	21.32		
1.4	3	1		21.45	21.41	21.31		
1.4	3	3		21.50	21.41	21.51		
1.4	6	0		20.32	20.36	20.23		
1.4	1	0	256-QAM	18.68	18.79	18.72	15.83	0.0383
1.4	1	3		18.86	18.63	18.68		
1.4	1	5		18.77	18.78	18.71		
1.4	3	0		18.74	18.75	18.71		
1.4	3	1		18.82	18.70	18.66		
1.4	3	3		18.74	18.79	18.71		
1.4	6	0		18.74	18.77	18.71		
Limit	ERP < 7W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.12	22.99	23.09	20.14	0.1033
10	1	25		23.08	23.07	23.09		
10	1	49		22.98	23.03	23.01		
10	25	0		22.06	22.08	22.12		
10	25	12		22.18	22.08	22.11		
10	25	25		22.16	22.13	22.13		
10	50	0		22.15	22.06	22.12		
10	1	0	16-QAM	22.48	22.43	22.44	19.52	0.0895
10	1	25		22.42	22.44	22.43		
10	1	49		22.41	22.50	22.45		
10	25	0		21.10	21.11	21.10		
10	25	12		21.17	21.10	21.12		
10	25	25		21.17	21.19	21.16		
10	50	0		21.16	21.09	21.09		
10	1	0	64-QAM	21.22	21.31	21.36	18.42	0.0695
10	1	25		21.31	21.32	21.40		
10	1	49		21.34	21.29	21.37		
10	25	0		20.08	20.11	20.08		
10	25	12		20.17	20.08	20.05		
10	25	25		20.15	20.17	20.20		
10	50	0		20.11	20.08	20.07		
10	1	0	256-QAM	18.30	18.32	18.30	15.52	0.0356
10	1	25		18.47	18.34	18.29		
10	1	49		18.44	18.42	18.48		
10	25	0		18.28	18.33	18.38		
10	25	12		18.44	18.30	18.33		
10	25	25		18.40	18.43	18.50		
10	50	0		18.32	18.32	18.36		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.04	22.90	23.06	20.09	0.1021
5	1	12		23.07	22.98	23.05		
5	1	24		22.95	23.03	22.99		
5	12	0		21.99	22.07	22.08		
5	12	7		22.15	22.04	22.04		
5	12	13		22.10	22.04	22.13		
5	25	0		22.07	22.00	22.04		
5	1	0	16-QAM	22.44	22.41	22.41	19.51	0.0893
5	1	12		22.35	22.37	22.36		
5	1	24		22.41	22.49	22.38		
5	12	0		21.04	21.07	21.08		
5	12	7		21.17	21.02	21.02		
5	12	13		21.13	21.19	21.06		
5	25	0		21.14	21.06	21.06		
5	1	0	64-QAM	21.20	21.26	21.34	18.36	0.0685
5	1	12		21.21	21.23	21.34		
5	1	24		21.28	21.26	21.29		
5	12	0		20.05	20.04	20.04		
5	12	7		20.15	20.06	19.99		
5	12	13		20.15	20.13	20.18		
5	25	0		20.07	20.01	19.98		
5	1	0	256-QAM	18.25	18.30	18.30	15.51	0.0356
5	1	12		18.41	18.26	18.26		
5	1	24		18.43	18.38	18.40		
5	12	0		18.28	18.24	18.29		
5	12	7		18.36	18.26	18.31		
5	12	13		18.40	18.35	18.49		
5	25	0		18.24	18.28	18.29		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.08	22.89	23.08	20.1	0.1023
3	1	8		23.07	23.05	23.00		
3	1	14		22.91	22.98	23.00		
3	8	0		22.05	21.98	22.02		
3	8	4		22.08	22.03	22.07		
3	8	7		22.15	22.06	22.12		
3	15	0		22.13	22.06	22.08		
3	1	0	16-QAM	22.46	22.38	22.38	19.52	0.0895
3	1	8		22.33	22.39	22.39		
3	1	14		22.34	22.50	22.42		
3	8	0		21.03	21.09	21.03		
3	8	4		21.12	21.04	21.06		
3	8	7		21.07	21.17	21.10		
3	15	0		21.11	21.08	21.00		
3	1	0	64-QAM	21.20	21.24	21.36	18.42	0.0695
3	1	8		21.23	21.26	21.40		
3	1	14		21.28	21.27	21.34		
3	8	0		20.05	20.10	20.07		
3	8	4		20.16	20.05	19.96		
3	8	7		20.07	20.17	20.15		
3	15	0		20.05	20.04	20.04		
3	1	0	256-QAM	18.26	18.32	18.30	15.5	0.0355
3	1	8		18.47	18.26	18.24		
3	1	14		18.40	18.39	18.40		
3	8	0		18.22	18.31	18.33		
3	8	4		18.35	18.27	18.29		
3	8	7		18.39	18.33	18.48		
3	15	0		18.28	18.24	18.29		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -0.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.06	22.94	23.01	20.12	0.1028
1.4	1	3		23.02	23.04	23.07		
1.4	1	5		22.91	23.01	23.00		
1.4	3	0		23.10	22.97	23.08		
1.4	3	1		23.01	22.99	22.99		
1.4	3	3		22.93	22.97	22.94		
1.4	6	0		22.08	21.99	22.08		
1.4	1	0	16-QAM	22.44	22.35	22.38	19.5	0.0891
1.4	1	3		22.34	22.38	22.43		
1.4	1	5		22.41	22.47	22.40		
1.4	3	0		22.42	22.40	22.36		
1.4	3	1		22.35	22.35	22.39		
1.4	3	3		22.37	22.48	22.45		
1.4	6	0		21.11	21.05	21.05		
1.4	1	0	64-QAM	21.20	21.29	21.32	18.41	0.0693
1.4	1	3		21.26	21.31	21.34		
1.4	1	5		21.30	21.22	21.32		
1.4	3	0		21.12	21.26	21.26		
1.4	3	1		21.21	21.31	21.39		
1.4	3	3		21.27	21.23	21.31		
1.4	6	0		20.04	20.00	20.01		
1.4	1	0	256-QAM	18.21	18.22	18.21	15.48	0.0353
1.4	1	3		18.43	18.27	18.25		
1.4	1	5		18.35	18.36	18.46		
1.4	3	0		18.23	18.24	18.20		
1.4	3	1		18.44	18.29	18.26		
1.4	3	3		18.35	18.33	18.44		
1.4	6	0		18.27	18.31	18.28		
Limit	ERP < 3W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.63	**23.83**	23.74	24.50	0.2818
20	1	49		23.45	23.74	23.56		
20	1	99		23.57	23.78	23.62		
20	50	0		22.49	22.69	22.54		
20	50	24		22.47	22.75	22.61		
20	50	50		22.55	22.85	22.70		
20	100	0		22.46	22.69	22.57		
20	1	0	16-QAM	22.22	22.48	22.31	23.32	0.2148
20	1	49		22.17	22.46	22.32		
20	1	99		22.50	22.65	22.56		
20	50	0		21.49	21.70	21.61		
20	50	24		21.52	21.72	21.60		
20	50	50		21.46	21.70	21.56		
20	100	0		21.46	21.68	21.59		
20	1	0	64-QAM	21.63	21.75	21.68	22.42	0.1746
20	1	49		21.57	21.67	21.61		
20	1	99		21.31	21.59	21.43		
20	50	0		20.35	20.62	20.53		
20	50	24		20.40	20.64	20.47		
20	50	50		20.40	20.61	20.42		
20	100	0		20.43	20.68	20.49		
20	1	0	256-QAM	18.16	18.42	18.25	19.37	0.0865
20	1	49		18.20	18.47	18.33		
20	1	99		18.25	18.45	18.28		
20	50	0		18.42	18.66	18.47		
20	50	24		18.45	18.65	18.48		
20	50	50		18.32	18.57	18.42		
20	100	0		18.49	18.70	18.54		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.54	23.78	23.66	24.45	0.2786
15	1	37		23.47	23.71	23.64		
15	1	74		23.50	23.71	23.62		
15	36	0		22.46	22.66	22.55		
15	36	20		22.49	22.66	22.66		
15	36	39		22.62	22.79	22.69		
15	75	0		22.43	22.59	22.53		
15	1	0	16-QAM	22.22	22.43	22.32	23.37	0.2173
15	1	37		22.21	22.42	22.32		
15	1	74		22.52	22.70	22.65		
15	36	0		21.45	21.65	21.51		
15	36	20		21.45	21.68	21.53		
15	36	39		21.47	21.65	21.61		
15	75	0		21.46	21.58	21.49		
15	1	0	64-QAM	21.59	21.81	21.64	22.48	0.1770
15	1	37		21.56	21.68	21.68		
15	1	74		21.37	21.52	21.48		
15	36	0		20.34	20.60	20.49		
15	36	20		20.39	20.63	20.45		
15	36	39		20.32	20.56	20.52		
15	75	0		20.43	20.63	20.59		
15	1	0	256-QAM	18.19	18.37	18.30	19.36	0.0863
15	1	37		18.23	18.46	18.29		
15	1	74		18.16	18.35	18.33		
15	36	0		18.44	18.63	18.53		
15	36	20		18.35	18.59	18.52		
15	36	39		18.35	18.49	18.43		
15	75	0		18.42	18.69	18.51		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.55	23.74	23.72	24.45	0.2786
10	1	25		23.47	23.69	23.57		
10	1	49		23.58	23.78	23.60		
10	25	0		22.45	22.69	22.58		
10	25	12		22.49	22.75	22.63		
10	25	25		22.65	22.81	22.72		
10	50	0		22.45	22.66	22.60		
10	1	0	16-QAM	22.24	22.42	22.31	23.33	0.2153
10	1	25		22.23	22.40	22.35		
10	1	49		22.53	22.66	22.58		
10	25	0		21.40	21.66	21.54		
10	25	12		21.48	21.64	21.58		
10	25	25		21.48	21.65	21.56		
10	50	0		21.43	21.62	21.49		
10	1	0	64-QAM	21.58	21.70	21.74	22.42	0.1746
10	1	25		21.47	21.75	21.60		
10	1	49		21.29	21.52	21.43		
10	25	0		20.32	20.55	20.47		
10	25	12		20.39	20.56	20.49		
10	25	25		20.39	20.60	20.42		
10	50	0		20.48	20.67	20.50		
10	1	0	256-QAM	18.16	18.39	18.27	19.31	0.0853
10	1	25		18.22	18.38	18.30		
10	1	49		18.23	18.35	18.30		
10	25	0		18.36	18.64	18.52		
10	25	12		18.38	18.60	18.55		
10	25	25		18.33	18.57	18.40		
10	50	0		18.40	18.63	18.59		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.55	23.79	23.66	24.46	0.2793
5	1	12		23.51	23.68	23.59		
5	1	24		23.58	23.75	23.67		
5	12	0		22.40	22.59	22.52		
5	12	7		22.48	22.72	22.60		
5	12	13		22.57	22.83	22.68		
5	25	0		22.40	22.60	22.52		
5	1	0	16-QAM	22.21	22.47	22.35	23.33	0.2153
5	1	12		22.21	22.45	22.31		
5	1	24		22.55	22.66	22.63		
5	12	0		21.48	21.65	21.52		
5	12	7		21.45	21.62	21.55		
5	12	13		21.50	21.67	21.60		
5	25	0		21.47	21.58	21.58		
5	1	0	64-QAM	21.56	21.74	21.69	22.43	0.1750
5	1	12		21.55	21.76	21.60		
5	1	24		21.31	21.53	21.44		
5	12	0		20.32	20.59	20.43		
5	12	7		20.37	20.57	20.46		
5	12	13		20.36	20.52	20.52		
5	25	0		20.43	20.64	20.53		
5	1	0	256-QAM	18.21	18.34	18.24	19.37	0.0865
5	1	12		18.18	18.37	18.36		
5	1	24		18.25	18.44	18.27		
5	12	0		18.38	18.60	18.54		
5	12	7		18.39	18.55	18.54		
5	12	13		18.31	18.48	18.43		
5	25	0		18.44	18.70	18.59		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.56	23.72	23.70	24.40	0.2754
3	1	8		23.53	23.73	23.61		
3	1	14		23.51	23.69	23.67		
3	8	0		22.43	22.65	22.52		
3	8	4		22.45	22.73	22.59		
3	8	7		22.65	22.85	22.69		
3	15	0		22.42	22.67	22.54		
3	1	0	16-QAM	22.24	22.46	22.29	23.31	0.2143
3	1	8		22.17	22.39	22.34		
3	1	14		22.45	22.64	22.61		
3	8	0		21.45	21.70	21.57		
3	8	4		21.51	21.62	21.63		
3	8	7		21.45	21.64	21.53		
3	15	0		21.39	21.61	21.56		
3	1	0	64-QAM	21.58	21.75	21.67	22.43	0.1750
3	1	8		21.47	21.76	21.64		
3	1	14		21.31	21.51	21.42		
3	8	0		20.42	20.62	20.46		
3	8	4		20.34	20.61	20.53		
3	8	7		20.37	20.51	20.44		
3	15	0		20.38	20.61	20.55		
3	1	0	256-QAM	18.13	18.33	18.28	19.30	0.0851
3	1	8		18.18	18.39	18.31		
3	1	14		18.17	18.41	18.31		
3	8	0		18.37	18.63	18.50		
3	8	4		18.35	18.56	18.54		
3	8	7		18.33	18.48	18.44		
3	15	0		18.42	18.62	18.58		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.59	23.76	23.71	24.43	0.2773
1.4	1	3		23.51	23.65	23.62		
1.4	1	5		23.53	23.68	23.65		
1.4	3	0		23.54	23.75	23.72		
1.4	3	1		23.45	23.73	23.55		
1.4	3	3		23.51	23.69	23.69		
1.4	6	0		22.42	22.62	22.59		
1.4	1	0	16-QAM	22.26	22.41	22.30	23.42	0.2198
1.4	1	3		22.26	22.42	22.34		
1.4	1	5		22.54	22.75	22.57		
1.4	3	0		22.27	22.39	22.34		
1.4	3	1		22.18	22.43	22.33		
1.4	3	3		22.50	22.68	22.58		
1.4	6	0		21.45	21.59	21.54		
1.4	1	0	64-QAM	21.60	21.81	21.69	22.48	0.1770
1.4	1	3		21.47	21.71	21.62		
1.4	1	5		21.37	21.53	21.48		
1.4	3	0		21.57	21.74	21.69		
1.4	3	1		21.51	21.71	21.62		
1.4	3	3		21.37	21.59	21.40		
1.4	6	0		20.45	20.68	20.49		
1.4	1	0	256-QAM	18.18	18.40	18.29	19.29	0.0849
1.4	1	3		18.24	18.37	18.38		
1.4	1	5		18.15	18.40	18.29		
1.4	3	0		18.17	18.40	18.26		
1.4	3	1		18.24	18.37	18.28		
1.4	3	3		18.16	18.41	18.35		
1.4	6	0		18.44	18.62	18.55		
Limit	EIRP < 1W			Result			Pass	

<Ant. 2>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.74	22.90	**23.13**	23.58	0.2280
20	1	49		22.75	22.96	23.08		
20	1	99		22.76	23.03	22.90		
20	50	0		21.72	21.99	22.15		
20	50	24		21.78	21.98	22.09		
20	50	50		21.77	22.09	22.03		
20	100	0		21.79	21.98	22.01		
20	1	0	16-QAM	21.99	22.28	22.40	22.85	0.1928
20	1	49		22.09	22.32	22.34		
20	1	99		22.02	22.34	22.37		
20	50	0		20.72	21.00	21.22		
20	50	24		20.79	21.02	21.21		
20	50	50		20.78	21.09	21.03		
20	100	0		20.80	20.98	21.12		
20	1	0	64-QAM	20.88	21.16	21.38	21.83	0.1524
20	1	49		20.96	21.13	21.32		
20	1	99		20.99	21.36	21.19		
20	50	0		19.74	20.00	20.23		
20	50	24		19.81	19.99	20.20		
20	50	50		19.76	20.06	20.02		
20	100	0		19.80	20.02	20.10		
20	1	0	256-QAM	18.26	18.43	18.61	19.13	0.0818
20	1	49		18.29	18.40	18.67		
20	1	99		18.27	18.50	18.44		
20	50	0		18.25	18.47	18.68		
20	50	24		18.29	18.48	18.64		
20	50	50		18.24	18.49	18.47		
20	100	0		18.30	18.52	18.59		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.64	22.90	23.10	23.55	0.2265
15	1	37		22.75	22.89	23.03		
15	1	74		22.66	22.99	22.84		
15	36	0		21.63	21.96	22.06		
15	36	20		21.72	21.97	22.03		
15	36	39		21.74	22.08	21.96		
15	75	0		21.71	21.97	21.98		
15	1	0	16-QAM	21.92	22.18	22.38	22.83	0.1919
15	1	37		22.00	22.22	22.32		
15	1	74		21.98	22.27	22.36		
15	36	0		20.65	20.95	21.14		
15	36	20		20.76	20.94	21.11		
15	36	39		20.73	21.09	21.01		
15	75	0		20.73	20.92	21.11		
15	1	0	64-QAM	20.95	21.06	21.31	21.79	0.1510
15	1	37		20.94	21.06	21.23		
15	1	74		20.93	21.34	21.14		
15	36	0		19.69	19.99	20.13		
15	36	20		19.78	19.95	20.10		
15	36	39		19.71	19.99	19.96		
15	75	0		19.80	20.01	20.03		
15	1	0	256-QAM	18.16	18.39	18.57	19.13	0.0818
15	1	37		18.26	18.39	18.65		
15	1	74		18.26	18.50	18.35		
15	36	0		18.29	18.38	18.68		
15	36	20		18.25	18.39	18.63		
15	36	39		18.24	18.49	18.39		
15	75	0		18.24	18.48	18.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.74	22.87	23.12	23.57	0.2275
10	1	25		22.70	22.88	23.08		
10	1	49		22.75	22.99	22.90		
10	25	0		21.70	21.94	22.09		
10	25	12		21.71	21.92	22.09		
10	25	25		21.77	22.06	22.02		
10	50	0		21.70	21.93	21.97		
10	1	0	16-QAM	21.89	22.18	22.31	22.81	0.1910
10	1	25		22.05	22.26	22.25		
10	1	49		22.00	22.30	22.36		
10	25	0		20.76	20.99	21.13		
10	25	12		20.77	20.99	21.17		
10	25	25		20.78	21.01	21.03		
10	50	0		20.70	20.98	21.09		
10	1	0	64-QAM	20.92	21.15	21.32	21.77	0.1503
10	1	25		20.86	21.04	21.26		
10	1	49		20.91	21.31	21.12		
10	25	0		19.74	19.96	20.18		
10	25	12		19.74	19.92	20.14		
10	25	25		19.73	20.05	19.94		
10	50	0		19.72	19.92	20.00		
10	1	0	256-QAM	18.25	18.39	18.52	19.07	0.0807
10	1	25		18.20	18.31	18.62		
10	1	49		18.21	18.43	18.40		
10	25	0		18.21	18.47	18.62		
10	25	12		18.24	18.44	18.54		
10	25	25		18.18	18.47	18.39		
10	50	0		18.23	18.45	18.56		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.73	22.82	23.11	23.56	0.2270
5	1	12		22.66	22.95	23.01		
5	1	24		22.71	22.96	22.82		
5	12	0		21.63	21.92	22.05		
5	12	7		21.69	21.89	22.09		
5	12	13		21.70	22.07	22.03		
5	25	0		21.71	21.95	21.96		
5	1	0	16-QAM	21.99	22.21	22.34	22.79	0.1901
5	1	12		22.02	22.32	22.30		
5	1	24		21.97	22.33	22.32		
5	12	0		20.88	20.98	21.18		
5	12	7		20.85	20.93	21.21		
5	12	13		20.79	21.02	21.01		
5	25	0		20.72	20.97	21.12		
5	1	0	64-QAM	20.95	21.16	21.38	21.83	0.1524
5	1	12		20.96	21.07	21.30		
5	1	24		20.91	21.34	21.14		
5	12	0		19.80	19.98	20.14		
5	12	7		19.86	19.96	20.20		
5	12	13		19.76	19.98	19.99		
5	25	0		19.71	19.92	20.10		
5	1	0	256-QAM	18.25	18.34	18.60	19.07	0.0807
5	1	12		18.27	18.37	18.60		
5	1	24		18.24	18.43	18.39		
5	12	0		18.19	18.45	18.62		
5	12	7		18.22	18.41	18.58		
5	12	13		18.22	18.45	18.43		
5	25	0		18.28	18.43	18.53		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.73	22.85	23.06	23.51	0.2244
3	1	8		22.71	22.94	23.05		
3	1	14		22.69	22.99	22.80		
3	8	0		21.62	21.89	22.06		
3	8	4		21.78	21.88	21.99		
3	8	7		21.77	22.03	22.00		
3	15	0		21.71	21.95	21.93		
3	1	0	16-QAM	21.93	22.28	22.30	22.82	0.1914
3	1	8		22.01	22.23	22.26		
3	1	14		21.97	22.30	22.37		
3	8	0		20.67	20.98	21.16		
3	8	4		20.71	21.01	21.16		
3	8	7		20.73	21.07	21.02		
3	15	0		20.76	20.98	21.07		
3	1	0	64-QAM	20.81	21.16	21.28	21.73	0.1489
3	1	8		20.91	21.03	21.28		
3	1	14		20.89	21.27	21.17		
3	8	0		19.72	20.00	20.16		
3	8	4		19.80	19.93	20.19		
3	8	7		19.76	20.01	19.94		
3	15	0		19.74	19.92	20.06		
3	1	0	256-QAM	18.21	18.37	18.54	19.07	0.0807
3	1	8		18.20	18.31	18.57		
3	1	14		18.23	18.48	18.44		
3	8	0		18.24	18.42	18.58		
3	8	4		18.22	18.47	18.62		
3	8	7		18.24	18.42	18.46		
3	15	0		18.21	18.43	18.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.64	22.86	23.07	23.57	0.2275
1.4	1	3		22.75	22.90	23.02		
1.4	1	5		22.72	23.02	22.81		
1.4	3	0		22.66	22.86	23.12		
1.4	3	1		22.66	22.87	23.08		
1.4	3	3		22.66	23.03	22.87		
1.4	6	0		21.69	21.89	21.92		
1.4	1	0	16-QAM	21.96	22.20	22.35	22.80	0.1905
1.4	1	3		22.05	22.26	22.33		
1.4	1	5		21.98	22.32	22.33		
1.4	3	0		21.94	22.24	22.30		
1.4	3	1		21.99	22.24	22.33		
1.4	3	3		21.96	22.29	22.32		
1.4	6	0		20.71	20.90	21.11		
1.4	1	0	64-QAM	20.88	21.11	21.34	21.81	0.1517
1.4	1	3		20.93	21.06	21.25		
1.4	1	5		20.92	21.36	21.14		
1.4	3	0		20.93	21.16	21.35		
1.4	3	1		20.96	21.05	21.27		
1.4	3	3		20.95	21.31	21.09		
1.4	6	0		19.72	19.92	20.01		
1.4	1	0	256-QAM	18.24	18.39	18.52	19.12	0.0817
1.4	1	3		18.25	18.33	18.67		
1.4	1	5		18.23	18.47	18.35		
1.4	3	0		18.23	18.34	18.54		
1.4	3	1		18.23	18.35	18.62		
1.4	3	3		18.19	18.47	18.36		
1.4	6	0		18.24	18.48	18.55		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.77	22.89	**23.16**	23.70	0.2344
20	1	49		22.69	22.83	23.05		
20	1	99		22.70	22.76	22.89		
20	50	0		21.65	21.82	21.97		
20	50	24		21.76	21.90	22.05		
20	50	50		21.70	21.95	22.13		
20	100	0		21.72	21.89	22.04		
20	1	0	16-QAM	21.87	22.04	22.32	22.86	0.1932
20	1	49		22.03	22.18	22.29		
20	1	99		22.03	22.24	22.28		
20	50	0		20.67	20.82	20.98		
20	50	24		20.76	20.94	21.06		
20	50	50		20.74	20.99	21.15		
20	100	0		20.72	20.90	21.03		
20	1	0	64-QAM	21.00	20.99	21.17	21.91	0.1552
20	1	49		20.88	21.07	21.37		
20	1	99		20.92	21.20	21.32		
20	50	0		19.82	19.84	19.98		
20	50	24		19.74	19.90	20.07		
20	50	50		19.74	19.96	20.18		
20	100	0		19.71	19.91	20.04		
20	1	0	256-QAM	18.22	18.28	18.39	19.19	0.0830
20	1	49		18.17	18.39	18.49		
20	1	99		18.17	18.36	18.58		
20	50	0		18.31	18.25	18.39		
20	50	24		18.17	18.35	18.57		
20	50	50		18.19	18.41	18.65		
20	100	0		18.19	18.37	18.51		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.75	22.80	23.11	23.65	0.2317
15	1	37		22.86	22.80	22.97		
15	1	74		22.80	22.76	22.87		
15	36	0		21.59	21.81	21.97		
15	36	20		21.75	21.81	21.97		
15	36	39		21.65	21.91	22.08		
15	75	0		21.63	21.87	22.01		
15	1	0	16-QAM	21.84	21.99	22.23	22.81	0.1910
15	1	37		21.97	22.09	22.27		
15	1	74		22.00	22.17	22.27		
15	36	0		20.80	20.79	20.95		
15	36	20		20.77	20.93	21.05		
15	36	39		20.84	20.99	21.13		
15	75	0		20.71	20.83	21.03		
15	1	0	64-QAM	20.99	20.99	21.15	21.85	0.1531
15	1	37		20.87	21.02	21.27		
15	1	74		20.84	21.18	21.31		
15	36	0		19.76	19.84	19.91		
15	36	20		19.65	19.88	20.04		
15	36	39		19.66	19.87	20.09		
15	75	0		19.61	19.83	19.96		
15	1	0	256-QAM	18.21	18.22	18.34	19.14	0.0820
15	1	37		18.08	18.38	18.40		
15	1	74		18.17	18.28	18.53		
15	36	0		18.29	18.15	18.33		
15	36	20		18.14	18.28	18.57		
15	36	39		18.11	18.40	18.60		
15	75	0		18.15	18.35	18.45		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.69	22.83	23.12	23.66	0.2323
10	1	25		22.64	22.82	23.05		
10	1	49		22.67	22.69	22.86		
10	25	0		21.78	21.82	21.92		
10	25	12		21.72	21.89	21.97		
10	25	25		21.70	21.93	22.09		
10	50	0		21.64	21.88	22.02		
10	1	0	16-QAM	21.77	22.04	22.26	22.80	0.1905
10	1	25		21.99	22.16	22.25		
10	1	49		21.93	22.18	22.18		
10	25	0		20.77	20.76	20.92		
10	25	12		20.75	20.91	20.99		
10	25	25		20.73	20.93	21.15		
10	50	0		20.70	20.83	20.95		
10	1	0	64-QAM	20.90	20.96	21.09	21.81	0.1517
10	1	25		20.80	20.97	21.27		
10	1	49		20.87	21.10	21.24		
10	25	0		19.81	19.77	19.97		
10	25	12		19.74	19.85	20.04		
10	25	25		19.78	19.86	20.15		
10	50	0		19.65	19.87	20.01		
10	1	0	256-QAM	18.16	18.26	18.32	19.18	0.0828
10	1	25		18.13	18.33	18.41		
10	1	49		18.15	18.34	18.58		
10	25	0		18.22	18.17	18.31		
10	25	12		18.16	18.32	18.47		
10	25	25		18.17	18.31	18.64		
10	50	0		18.10	18.35	18.42		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.73	22.85	23.12	23.66	0.2323
5	1	12		22.67	22.75	23.02		
5	1	24		22.70	22.72	22.85		
5	12	0		21.61	21.73	21.91		
5	12	7		21.66	21.86	21.96		
5	12	13		21.68	21.86	22.09		
5	25	0		21.71	21.79	21.97		
5	1	0	16-QAM	21.89	21.97	22.31	22.85	0.1928
5	1	12		22.03	22.16	22.28		
5	1	24		22.02	22.15	22.21		
5	12	0		20.70	20.77	20.90		
5	12	7		20.77	20.85	21.01		
5	12	13		20.74	20.98	21.12		
5	25	0		20.68	20.85	20.96		
5	1	0	64-QAM	20.92	20.89	21.15	21.82	0.1521
5	1	12		20.81	21.05	21.28		
5	1	24		20.86	21.19	21.23		
5	12	0		19.73	19.80	19.91		
5	12	7		19.65	19.80	20.07		
5	12	13		19.74	19.90	20.14		
5	25	0		19.67	19.81	20.04		
5	1	0	256-QAM	18.19	18.25	18.32	19.09	0.0811
5	1	12		18.14	18.36	18.40		
5	1	24		18.09	18.26	18.54		
5	12	0		18.23	18.23	18.34		
5	12	7		18.17	18.27	18.55		
5	12	13		18.15	18.32	18.49		
5	25	0		18.17	18.32	18.51		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.68	22.84	23.06	23.60	0.2291
3	1	8		22.67	22.78	23.03		
3	1	14		22.69	22.68	22.86		
3	8	0		21.65	21.73	21.97		
3	8	4		21.66	21.82	22.01		
3	8	7		21.64	21.90	22.11		
3	15	0		21.62	21.85	22.01		
3	1	0	16-QAM	21.97	22.02	22.30	22.84	0.1923
3	1	8		21.94	22.09	22.22		
3	1	14		21.99	22.19	22.21		
3	8	0		20.63	20.77	20.92		
3	8	4		20.68	20.85	21.04		
3	8	7		20.68	20.99	21.11		
3	15	0		20.62	20.88	21.02		
3	1	0	64-QAM	20.99	20.91	21.14	21.89	0.1545
3	1	8		20.92	21.03	21.35		
3	1	14		20.98	21.16	21.22		
3	8	0		19.73	19.78	19.88		
3	8	4		19.65	19.90	20.00		
3	8	7		19.72	19.96	20.13		
3	15	0		19.68	19.86	20.02		
3	1	0	256-QAM	18.18	18.20	18.37	19.10	0.0813
3	1	8		18.09	18.30	18.48		
3	1	14		18.14	18.30	18.51		
3	8	0		18.23	18.20	18.39		
3	8	4		18.15	18.26	18.55		
3	8	7		18.18	18.31	18.56		
3	15	0		18.17	18.27	18.48		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.75	22.87	23.12	23.66	0.2323
1.4	1	3		22.70	22.76	23.02		
1.4	1	5		22.71	22.77	22.88		
1.4	3	0		22.69	22.81	23.12		
1.4	3	1		22.63	22.83	22.97		
1.4	3	3		22.65	22.69	22.79		
1.4	6	0		21.71	21.84	21.94		
1.4	1	0	16-QAM	21.89	22.04	22.29	22.84	0.1923
1.4	1	3		22.02	22.12	22.27		
1.4	1	5		21.98	22.22	22.25		
1.4	3	0		21.84	21.98	22.30		
1.4	3	1		22.03	22.17	22.24		
1.4	3	3		21.94	22.24	22.19		
1.4	6	0		20.65	20.90	21.00		
1.4	1	0	64-QAM	20.94	20.94	21.09	21.91	0.1552
1.4	1	3		20.90	21.02	21.37		
1.4	1	5		20.88	21.19	21.23		
1.4	3	0		20.99	20.94	21.13		
1.4	3	1		20.87	20.97	21.35		
1.4	3	3		20.90	21.10	21.25		
1.4	6	0		19.67	19.84	19.95		
1.4	1	0	256-QAM	18.18	18.22	18.31	19.06	0.0805
1.4	1	3		18.16	18.35	18.47		
1.4	1	5		18.17	18.36	18.52		
1.4	3	0		18.17	18.25	18.30		
1.4	3	1		18.07	18.36	18.49		
1.4	3	3		18.09	18.33	18.50		
1.4	6	0		18.17	18.31	18.50		
Limit	EIRP < 1W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.53 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	22.79	22.81	**22.95**	22.42	0.1746
20	1	49		22.74	22.94	22.92		
20	1	99		22.70	22.73	22.94		
20	50	0		21.94	21.90	22.10		
20	50	24		21.89	21.97	22.16		
20	50	50		21.89	22.07	22.27		
20	100	0		21.88	21.96	22.23		
20	1	0	16-QAM	22.18	22.12	22.44	21.94	0.1563
20	1	49		22.12	22.26	22.45		
20	1	99		22.15	22.39	22.47		
20	50	0		20.92	20.93	21.12		
20	50	24		20.88	20.96	21.20		
20	50	50		20.89	21.08	21.29		
20	100	0		20.89	20.95	21.26		
20	1	0	64-QAM	21.03	20.99	21.41	20.88	0.1225
20	1	49		21.01	21.10	21.40		
20	1	99		21.11	21.24	21.32		
20	50	0		19.91	19.92	20.13		
20	50	24		19.87	19.97	20.16		
20	50	50		19.88	20.06	20.27		
20	100	0		19.89	19.94	20.26		
20	1	0	256-QAM	18.40	18.33	18.42	17.94	0.0622
20	1	49		18.34	18.46	18.40		
20	1	99		18.37	18.47	18.45		
20	50	0		18.35	18.39	18.36		
20	50	24		18.34	18.47	18.40		
20	50	50		18.30	18.45	18.44		
20	100	0		18.37	18.35	18.46		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.53 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.74	22.76	22.86	22.41	0.1742
15	1	37		22.72	22.94	22.84		
15	1	74		22.69	22.68	22.92		
15	36	0		21.94	21.90	22.05		
15	36	20		21.84	21.87	22.14		
15	36	39		21.88	21.99	22.21		
15	75	0		21.78	21.94	22.19		
15	1	0	16-QAM	22.19	22.12	22.44	21.95	0.1567
15	1	37		22.16	22.19	22.48		
15	1	74		22.11	22.37	22.47		
15	36	0		20.82	20.86	21.08		
15	36	20		20.83	20.87	21.18		
15	36	39		20.84	21.04	21.20		
15	75	0		20.80	20.91	21.16		
15	1	0	64-QAM	20.99	20.98	21.37	20.84	0.1213
15	1	37		21.01	21.07	21.34		
15	1	74		21.05	21.20	21.30		
15	36	0		19.90	19.89	20.04		
15	36	20		19.87	19.87	20.14		
15	36	39		19.79	19.98	20.17		
15	75	0		19.82	19.84	20.22		
15	1	0	256-QAM	18.34	18.26	18.41	17.97	0.0627
15	1	37		18.25	18.40	18.39		
15	1	74		18.35	18.45	18.47		
15	36	0		18.30	18.32	18.37		
15	36	20		18.29	18.44	18.37		
15	36	39		18.21	18.48	18.50		
15	75	0		18.35	18.34	18.43		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.53 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.74	22.73	22.94	22.41	0.1742
10	1	25		22.73	22.88	22.88		
10	1	49		22.66	22.67	22.91		
10	25	0		21.84	21.84	22.00		
10	25	12		21.86	21.90	22.12		
10	25	25		21.85	22.03	22.23		
10	50	0		21.79	21.94	22.17		
10	1	0	16-QAM	22.18	22.03	22.46	21.96	0.1570
10	1	25		22.17	22.20	22.49		
10	1	49		22.16	22.29	22.43		
10	25	0		20.91	20.88	21.12		
10	25	12		20.84	20.96	21.15		
10	25	25		20.79	21.02	21.29		
10	50	0		20.89	20.94	21.22		
10	1	0	64-QAM	20.98	20.89	21.37	20.84	0.1213
10	1	25		20.95	21.07	21.31		
10	1	49		21.05	21.16	21.30		
10	25	0		19.81	19.88	20.08		
10	25	12		19.81	19.91	20.16		
10	25	25		19.80	20.04	20.18		
10	50	0		19.80	19.85	20.19		
10	1	0	256-QAM	18.39	18.25	18.45	17.97	0.0627
10	1	25		18.24	18.40	18.46		
10	1	49		18.31	18.40	18.43		
10	25	0		18.33	18.35	18.39		
10	25	12		18.31	18.39	18.49		
10	25	25		18.23	18.50	18.46		
10	50	0		18.34	18.27	18.43		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.53 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.69	22.72	22.85	22.37	0.1726
5	1	12		22.64	22.85	22.90		
5	1	24		22.65	22.67	22.90		
5	12	0		21.92	21.88	22.08		
5	12	7		21.80	21.93	22.13		
5	12	13		21.81	22.04	22.27		
5	25	0		21.83	21.86	22.18		
5	1	0	16-QAM	22.18	22.27	22.40	21.93	0.1560
5	1	12		22.20	22.21	22.46		
5	1	24		22.15	22.39	22.45		
5	12	0		20.86	20.93	21.04		
5	12	7		20.79	20.89	21.11		
5	12	13		20.84	21.06	21.20		
5	25	0		20.80	20.85	21.17		
5	1	0	64-QAM	21.02	20.96	21.37	20.84	0.1213
5	1	12		20.91	21.01	21.30		
5	1	24		21.09	21.16	21.26		
5	12	0		19.83	19.86	20.03		
5	12	7		19.82	19.88	20.13		
5	12	13		19.82	20.04	20.21		
5	25	0		19.88	19.92	20.24		
5	1	0	256-QAM	18.32	18.29	18.32	17.97	0.0627
5	1	12		18.24	18.45	18.38		
5	1	24		18.34	18.37	18.46		
5	12	0		18.30	18.38	18.31		
5	12	7		18.31	18.40	18.31		
5	12	13		18.22	18.42	18.43		
5	25	0		18.33	18.31	18.50		
Limit	EIRP < 2W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.02	23.13	**23.22**	23.76	0.2377
20	1	49		22.98	23.09	23.17		
20	1	99		22.91	23.06	23.09		
20	50	0		21.88	22.05	22.16		
20	50	24		21.77	22.08	22.22		
20	50	50		21.82	22.13	22.19		
20	100	0		21.77	22.06	22.23		
20	1	0	16-QAM	22.09	22.27	22.52	23.08	0.2032
20	1	49		22.07	22.54	22.40		
20	1	99		22.21	22.49	22.42		
20	50	0		20.95	21.07	21.17		
20	50	24		20.80	21.12	21.25		
20	50	50		20.85	21.15	21.21		
20	100	0		20.76	21.08	21.22		
20	1	0	64-QAM	21.28	21.19	21.54	22.08	0.1614
20	1	49		21.14	21.42	21.47		
20	1	99		21.19	21.31	21.29		
20	50	0		19.97	20.09	20.18		
20	50	24		19.78	20.09	20.25		
20	50	50		19.85	20.15	20.19		
20	100	0		19.77	20.07	20.22		
20	1	0	256-QAM	18.39	18.53	18.64	19.28	0.0847
20	1	49		18.35	18.55	18.74		
20	1	99		18.30	18.56	18.67		
20	50	0		18.42	18.57	18.62		
20	50	24		18.47	18.52	18.74		
20	50	50		18.39	18.58	18.66		
20	100	0		18.31	18.56	18.71		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	22.96	23.07	23.21	23.75	0.2371
15	1	37		22.95	23.00	23.17		
15	1	74		22.83	23.05	23.07		
15	36	0		21.80	22.03	22.12		
15	36	20		21.74	22.00	22.21		
15	36	39		21.75	22.07	22.14		
15	75	0		21.97	22.06	22.23		
15	1	0	16-QAM	22.06	22.20	22.46	23.07	0.2028
15	1	37		22.04	22.53	22.32		
15	1	74		22.15	22.39	22.37		
15	36	0		20.90	21.05	21.16		
15	36	20		20.79	21.12	21.25		
15	36	39		20.76	21.08	21.11		
15	75	0		20.67	21.02	21.15		
15	1	0	64-QAM	21.24	21.09	21.54	22.08	0.1614
15	1	37		21.07	21.42	21.42		
15	1	74		21.15	21.23	21.22		
15	36	0		19.90	20.00	20.12		
15	36	20		19.92	20.03	20.22		
15	36	39		19.80	20.09	20.17		
15	75	0		19.75	20.03	20.17		
15	1	0	256-QAM	18.36	18.46	18.59	19.22	0.0836
15	1	37		18.34	18.52	18.66		
15	1	74		18.27	18.52	18.62		
15	36	0		18.36	18.53	18.61		
15	36	20		18.44	18.52	18.66		
15	36	39		18.30	18.57	18.63		
15	75	0		18.27	18.49	18.68		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	22.96	23.05	23.13	23.70	0.2344
10	1	25		22.94	23.02	23.16		
10	1	49		22.86	23.01	23.01		
10	25	0		21.88	21.98	22.11		
10	25	12		21.70	22.01	22.20		
10	25	25		21.80	22.06	22.09		
10	50	0		21.70	22.05	22.18		
10	1	0	16-QAM	22.14	22.24	22.44	23.08	0.2032
10	1	25		22.08	22.54	22.36		
10	1	49		22.18	22.41	22.38		
10	25	0		20.95	21.02	21.15		
10	25	12		20.72	21.04	21.17		
10	25	25		20.85	21.05	21.18		
10	50	0		20.68	21.08	21.13		
10	1	0	64-QAM	21.28	21.17	21.48	22.02	0.1592
10	1	25		21.04	21.40	21.39		
10	1	49		21.17	21.25	21.23		
10	25	0		19.97	19.99	20.08		
10	25	12		19.89	19.99	20.20		
10	25	25		19.84	20.12	20.17		
10	50	0		19.76	20.02	20.17		
10	1	0	256-QAM	18.33	18.47	18.56	19.21	0.0834
10	1	25		18.34	18.53	18.67		
10	1	49		18.27	18.46	18.65		
10	25	0		18.37	18.48	18.62		
10	25	12		18.47	18.49	18.66		
10	25	25		18.31	18.54	18.57		
10	50	0		18.25	18.56	18.67		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.97	23.11	23.20	23.74	0.2366
5	1	12		22.93	23.08	23.10		
5	1	24		22.82	22.96	23.02		
5	12	0		21.88	21.96	22.07		
5	12	7		21.69	21.98	22.15		
5	12	13		21.76	22.07	22.12		
5	25	0		21.69	22.01	22.15		
5	1	0	16-QAM	22.11	22.25	22.42	23.08	0.2032
5	1	12		22.12	22.54	22.33		
5	1	24		22.20	22.43	22.41		
5	12	0		20.89	21.07	21.10		
5	12	7		20.73	21.08	21.17		
5	12	13		20.79	21.06	21.21		
5	25	0		20.68	21.01	21.17		
5	1	0	64-QAM	21.18	21.16	21.44	21.98	0.1578
5	1	12		21.04	21.41	21.44		
5	1	24		21.17	21.26	21.23		
5	12	0		19.97	20.02	20.14		
5	12	7		19.88	20.04	20.23		
5	12	13		19.86	20.10	20.10		
5	25	0		19.79	19.99	20.22		
5	1	0	256-QAM	18.30	18.50	18.64	19.22	0.0836
5	1	12		18.34	18.46	18.66		
5	1	24		18.27	18.56	18.59		
5	12	0		18.42	18.49	18.57		
5	12	7		18.40	18.48	18.68		
5	12	13		18.34	18.51	18.62		
5	25	0		18.27	18.52	18.68		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	22.95	23.09	23.20	23.74	0.2366
3	1	8		22.97	23.04	23.07		
3	1	14		22.81	22.98	23.01		
3	8	0		21.79	22.03	22.10		
3	8	4		21.72	21.99	22.12		
3	8	7		21.74	22.04	22.14		
3	15	0		21.74	21.98	22.13		
3	1	0	16-QAM	22.09	22.21	22.49	23.04	0.2014
3	1	8		22.06	22.50	22.34		
3	1	14		22.11	22.47	22.39		
3	8	0		20.88	21.00	21.12		
3	8	4		20.78	21.02	21.20		
3	8	7		20.82	21.07	21.18		
3	15	0		20.70	21.07	21.18		
3	1	0	64-QAM	21.23	21.09	21.50	22.04	0.1600
3	1	8		21.04	21.41	21.46		
3	1	14		21.19	21.31	21.27		
3	8	0		19.87	20.03	20.15		
3	8	4		19.73	20.04	20.17		
3	8	7		19.82	20.12	20.13		
3	15	0		19.87	20.06	20.22		
3	1	0	256-QAM	18.37	18.45	18.61	19.21	0.0834
3	1	8		18.27	18.46	18.67		
3	1	14		18.24	18.53	18.64		
3	8	0		18.37	18.53	18.58		
3	8	4		18.47	18.52	18.64		
3	8	7		18.35	18.58	18.60		
3	15	0		18.28	18.54	18.65		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	22.97	23.11	23.18	23.72	0.2355
1.4	1	3		22.97	23.09	23.15		
1.4	1	5		22.83	23.02	23.05		
1.4	3	0		22.98	23.13	23.17		
1.4	3	1		22.92	23.03	23.08		
1.4	3	3		22.81	23.06	23.05		
1.4	6	0		21.77	21.99	22.14		
1.4	1	0	16-QAM	22.04	22.21	22.49	23.06	0.2023
1.4	1	3		22.00	22.50	22.31		
1.4	1	5		22.15	22.48	22.34		
1.4	3	0		22.14	22.26	22.50		
1.4	3	1		22.11	22.52	22.37		
1.4	3	3		22.19	22.40	22.38		
1.4	6	0		20.69	21.02	21.19		
1.4	1	0	64-QAM	21.26	21.18	21.51	22.05	0.1603
1.4	1	3		21.14	21.32	21.42		
1.4	1	5		21.13	21.28	21.23		
1.4	3	0		21.28	21.16	21.47		
1.4	3	1		21.12	21.42	21.47		
1.4	3	3		21.19	21.26	21.25		
1.4	6	0		19.76	20.04	20.21		
1.4	1	0	256-QAM	18.29	18.53	18.64	19.23	0.0838
1.4	1	3		18.31	18.45	18.69		
1.4	1	5		18.30	18.47	18.58		
1.4	3	0		18.31	18.52	18.58		
1.4	3	1		18.31	18.45	18.64		
1.4	3	3		18.20	18.50	18.66		
1.4	6	0		18.24	18.46	18.62		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.24	20.97	21.19	23.59	0.2286
10+10	1	0	1	49		12.44	12.69	12.75		
10+10	1	49	1	0		22.86	23.04	**23.05**		
10+10	50	0	50	0	16-QAM	19.76	20.04	20.23	23.21	0.2094
10+10	1	0	1	49		12.74	13.02	13.04		
10+10	1	49	1	0		22.13	22.29	22.67		
10+10	50	0	50	0	64-QAM	19.83	20.04	20.06	21.62	0.1452
10+10	1	0	1	49		12.52	12.65	13.00		
10+10	1	49	1	0		21.08	20.58	20.88		
10+10	50	0	50	0	256-QAM	17.85	17.40	18.18	18.92	0.0780
10+10	1	0	1	49		12.50	12.81	12.91		
10+10	1	49	1	0		18.14	18.19	18.38		
15+5	75	0	25	0	QPSK	21.02	21.15	21.15	23.82	0.2410
15+5	1	0	1	24		21.36	21.93	20.87		
15+5	1	74	1	0		22.95	22.84	23.28		
15+5	75	0	25	0	16-QAM	19.97	20.16	20.30	23.09	0.2037
15+5	1	0	1	24		21.54	22.18	21.07		
15+5	1	74	1	0		22.24	22.19	22.55		
15+5	75	0	25	0	64-QAM	20.00	20.05	20.24	22.64	0.1837
15+5	1	0	1	24		21.56	22.10	21.10		
15+5	1	74	1	0		19.12	19.32	21.55		
15+5	75	0	25	0	256-QAM	18.01	18.17	18.27	21.61	0.1449
15+5	1	0	1	24		20.53	21.07	20.09		
15+5	1	74	1	0		18.19	18.23	18.57		
5+15	25	0	75	0	QPSK	21.03	21.24	21.36	23.68	0.2333
5+15	1	0	1	74		21.31	22.09	21.12		
5+15	1	24	1	0		22.91	23.14	23.13		
5+15	25	0	75	0	16-QAM	20.05	20.34	20.33	23.18	0.2080
5+15	1	0	1	74		21.56	22.22	21.30		
5+15	1	24	1	0		22.29	22.64	22.28		
5+15	25	0	75	0	64-QAM	20.01	20.21	20.20	22.67	0.1849
5+15	1	0	1	74		21.26	22.13	21.09		
5+15	1	24	1	0		19.88	21.44	19.78		
5+15	25	0	75	0	256-QAM	17.98	18.23	18.33	21.71	0.1483
5+15	1	0	1	74		20.46	21.17	20.28		
5+15	1	24	1	0		18.10	18.36	18.39		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.05	21.16	21.25	23.54	0.2259
10+5	1	0	1	24		13.25	13.34	13.39		
10+5	1	49	1	0		22.99	23.00	22.99		
10+5	50	0	25	0	16-QAM	20.11	20.16	20.20	22.95	0.1972
10+5	1	0	1	24		13.41	13.62	13.55		
10+5	1	49	1	0		22.30	22.41	22.40		
10+5	50	0	25	0	64-QAM	19.72	20.20	20.25	21.83	0.1524
10+5	1	0	1	24		13.34	13.44	13.32		
10+5	1	49	1	0		21.29	19.25	21.28		
10+5	50	0	25	0	256-QAM	18.04	18.21	18.26	18.87	0.0771
10+5	1	0	1	24		13.17	13.30	13.34		
10+5	1	49	1	0		18.26	18.33	18.33		
5+10	25	0	50	0	QPSK	20.75	21.01	21.11	23.69	0.2339
5+10	1	0	1	49		12.86	13.41	13.26		
5+10	1	24	1	0		22.67	23.15	22.97		
5+10	25	0	50	0	16-QAM	19.83	19.99	20.12	22.98	0.1986
5+10	1	0	1	49		13.23	13.72	13.42		
5+10	1	24	1	0		22.12	22.44	22.32		
5+10	25	0	50	0	64-QAM	19.79	20.04	20.17	21.92	0.1556
5+10	1	0	1	49		12.91	13.42	13.38		
5+10	1	24	1	0		20.96	21.38	21.15		
5+10	25	0	50	0	256-QAM	17.79	17.98	18.07	18.83	0.0764
5+10	1	0	1	49		13.05	13.42	13.37		
5+10	1	24	1	0		17.97	18.29	18.23		
5+5	25	0	25	0	QPSK	21.02	21.11	23.03	23.68	0.2333
5+5	1	0	1	24		22.79	23.14	22.23		
5+5	1	24	1	0		22.84	23.14	20.04		
5+5	25	0	25	0	16-QAM	20.03	20.12	22.25	23.57	0.2275
5+5	1	0	1	24		23.03	22.17	21.08		
5+5	1	24	1	0		22.23	22.62	18.00		
5+5	25	0	25	0	64-QAM	20.04	20.04	21.23	22.79	0.1901
5+5	1	0	1	24		22.25	21.99	18.08		
5+5	1	24	1	0		21.08	21.51	21.11		
5+5	25	0	25	0	256-QAM	18.00	18.13	23.14	23.68	0.2333
5+5	1	0	1	24		21.23	20.98	23.14		
5+5	1	24	1	0		18.08	18.28	20.12		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.07	21.32	21.18	23.58	0.2280
20+20	1	0	1	99		14.55	14.59	14.75		
20+20	1	99	1	0		22.91	22.87	**23.04**		
20+20	100	0	100	0	16-QAM	20.09	20.30	20.31	22.89	0.1945
20+20	1	0	1	99		15.00	14.94	15.02		
20+20	1	99	1	0		22.35	22.17	21.97		
20+20	100	0	100	0	64-QAM	20.15	20.36	20.27	20.99	0.1256
20+20	1	0	1	99		14.98	15.00	15.10		
20+20	1	99	1	0		20.45	19.76	19.31		
20+20	100	0	100	0	256-QAM	18.14	18.04	18.18	18.85	0.0767
20+20	1	0	1	99		14.89	14.91	14.92		
20+20	1	99	1	0		18.19	18.10	18.31		
20+15	100	0	75	0	QPSK	21.06	20.91	20.95	23.37	0.2173
20+15	1	0	1	74		14.54	14.62	14.52		
20+15	1	74	1	0		22.62	22.78	22.83		
20+15	100	0	75	0	16-QAM	20.07	20.13	20.03	22.54	0.1795
20+15	1	0	1	74		14.86	14.78	14.83		
20+15	1	74	1	0		22.00	21.75	21.79		
20+15	100	0	75	0	64-QAM	20.11	20.09	20.00	20.65	0.1161
20+15	1	0	1	74		14.55	14.73	14.85		
20+15	1	74	1	0		19.98	18.97	19.11		
20+15	100	0	75	0	256-QAM	18.06	18.13	17.97	18.67	0.0736
20+15	1	0	1	74		14.53	14.66	14.76		
20+15	1	74	1	0		17.95	18.03	17.95		
15+20	75	0	100	0	QPSK	21.02	21.11	20.93	23.25	0.2113
15+20	1	0	1	99		14.35	14.59	14.40		
15+20	1	74	1	0		22.57	22.71	22.42		
15+20	75	0	100	0	16-QAM	19.98	20.20	20.04	22.71	0.1866
15+20	1	0	1	99		14.85	14.71	14.86		
15+20	1	74	1	0		22.14	22.17	21.40		
15+20	75	0	100	0	64-QAM	19.88	20.24	20.12	21.11	0.1291
15+20	1	0	1	99		14.63	14.69	14.77		
15+20	1	74	1	0		20.11	20.57	19.01		
15+20	75	0	100	0	256-QAM	17.90	18.14	17.99	18.68	0.0738
15+20	1	0	1	99		14.38	14.52	14.60		
15+20	1	74	1	0		17.99	18.09	18.06		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.81	20.99	21.22	23.50	0.2239
20+10	1	0	1	49		14.32	14.73	14.48		
20+10	1	99	1	0		22.78	22.91	22.96		
20+10	100	0	50	0	16-QAM	19.87	20.30	20.27	22.69	0.1858
20+10	1	0	1	49		14.72	14.73	14.74		
20+10	1	99	1	0		22.15	21.60	22.00		
20+10	100	0	50	0	64-QAM	19.93	20.33	19.42	20.87	0.1222
20+10	1	0	1	49		14.40	14.62	14.98		
20+10	1	99	1	0		19.96	18.77	19.36		
20+10	100	0	50	0	256-QAM	17.92	18.28	18.24	18.92	0.0780
20+10	1	0	1	49		14.45	14.67	15.00		
20+10	1	99	1	0		18.10	17.98	18.38		
10+20	50	0	100	0	QPSK	20.67	20.93	21.07	23.61	0.2296
10+20	1	0	1	99		14.09	14.40	14.44		
10+20	1	49	1	0		22.52	22.87	23.07		
10+20	50	0	100	0	16-QAM	19.72	19.72	20.05	23.07	0.2028
10+20	1	0	1	99		14.70	15.00	14.73		
10+20	1	49	1	0		22.01	22.19	22.53		
10+20	50	0	100	0	64-QAM	19.65	19.75	19.83	21.89	0.1545
10+20	1	0	1	99		14.62	14.87	14.96		
10+20	1	49	1	0		21.05	21.07	21.35		
10+20	50	0	100	0	256-QAM	17.62	17.85	17.93	18.87	0.0771
10+20	1	0	1	99		14.32	14.61	14.84		
10+20	1	49	1	0		17.89	18.17	18.33		
20+5	100	0	25	0	QPSK	20.65	21.19	20.96	23.55	0.2265
20+5	1	0	1	24		14.52	14.72	14.73		
20+5	1	99	1	0		22.94	22.88	23.01		
20+5	100	0	25	0	16-QAM	19.83	20.18	20.12	23.04	0.2014
20+5	1	0	1	24		14.83	15.16	15.07		
20+5	1	99	1	0		22.39	21.71	22.50		
20+5	100	0	25	0	64-QAM	19.88	20.21	20.18	21.36	0.1368
20+5	1	0	1	24		14.69	15.00	15.00		
20+5	1	99	1	0		20.82	19.03	20.35		
20+5	100	0	25	0	256-QAM	17.90	18.21	18.10	18.97	0.0789
20+5	1	0	1	24		14.68	14.88	14.84		
20+5	1	99	1	0		18.21	18.43	18.37		
Limit	EIRP < 1W					Result			Pass	

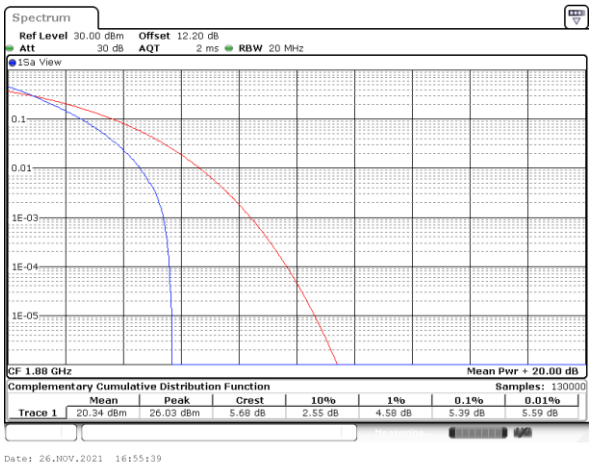
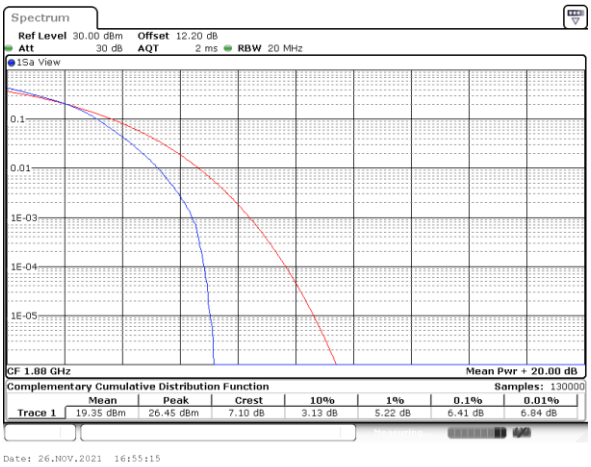
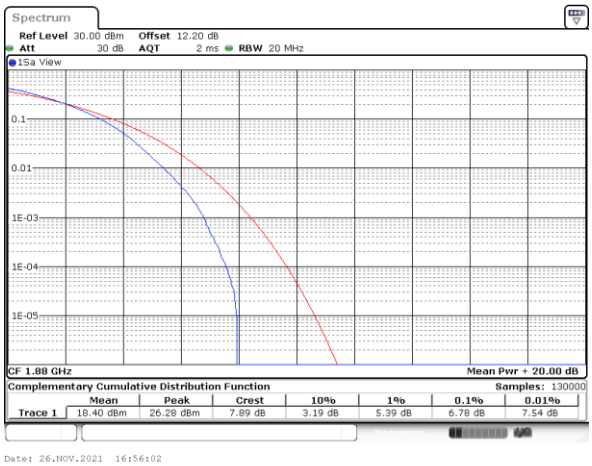
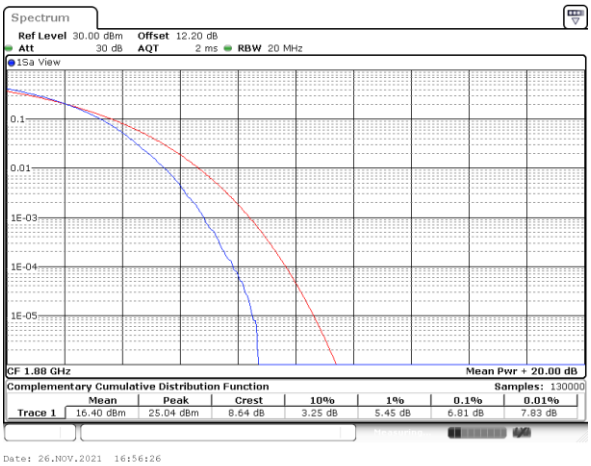
LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.14	21.13	21.11	23.66	0.2323
5+20	1	0	1	99		14.45	14.61	14.73		
5+20	1	24	1	0		22.87	22.88	23.12		
5+20	25	0	100	0	16-QAM	19.97	20.10	20.17	22.90	0.1950
5+20	1	0	1	99		14.87	14.97	15.06		
5+20	1	24	1	0		22.36	22.34	21.66		
5+20	25	0	100	0	64-QAM	20.02	20.10	19.49	22.13	0.1633
5+20	1	0	1	99		14.63	14.83	14.98		
5+20	1	24	1	0		20.29	21.59	19.14		
5+20	25	0	100	0	256-QAM	17.85	18.14	18.22	18.76	0.0752
5+20	1	0	1	99		14.75	14.75	15.19		
5+20	1	24	1	0		18.11	18.19	18.16		
Limit	EIRP < 1W					Result			Pass	

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.54 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	20.60	20.97	20.95	23.49	0.2234
15+10	1	0	1	49		14.22	14.40	14.39		
15+10	1	74	1	0		22.61	22.68	22.95		
15+10	75	0	50	0	16-QAM	19.68	19.88	19.95	22.63	0.1832
15+10	1	0	1	49		14.50	14.95	14.66		
15+10	1	74	1	0		21.93	22.09	22.07		
15+10	75	0	50	0	64-QAM	19.67	19.84	20.02	21.71	0.1483
15+10	1	0	1	49		14.56	14.62	14.28		
15+10	1	74	1	0		20.96	21.17	20.88		
15+10	75	0	50	0	256-QAM	17.69	17.99	17.89	18.57	0.0719
15+10	1	0	1	49		14.38	14.73	14.70		
15+10	1	74	1	0		17.84	18.03	17.94		
10+15	50	0	75	0	QPSK	21.06	21.22	21.03	23.50	0.2239
10+15	1	0	1	74		14.39	14.56	14.38		
10+15	1	49	1	0		22.73	22.96	22.94		
10+15	50	0	75	0	16-QAM	19.95	20.20	20.04	23.03	0.2009
10+15	1	0	1	74		14.73	14.98	14.89		
10+15	1	49	1	0		22.10	22.42	22.49		
10+15	50	0	75	0	64-QAM	20.06	20.23	20.14	21.84	0.1528
10+15	1	0	1	74		14.62	14.96	14.61		
10+15	1	49	1	0		20.85	20.54	21.30		
10+15	50	0	75	0	256-QAM	18.02	18.25	18.04	18.87	0.0771
10+15	1	0	1	74		14.63	15.00	14.73		
10+15	1	49	1	0		17.97	18.33	18.18		
15+15	75	0	75	0	QPSK	20.95	21.14	20.98	23.61	0.2296
15+15	1	0	1	74		14.53	14.59	14.58		
15+15	1	74	1	0		22.86	23.07	22.97		
15+15	75	0	75	0	16-QAM	20.05	20.18	20.07	22.61	0.1824
15+15	1	0	1	74		14.87	14.98	14.89		
15+15	1	74	1	0		21.84	22.07	21.64		
15+15	75	0	75	0	64-QAM	20.04	20.16	19.23	20.70	0.1175
15+15	1	0	1	74		14.78	14.90	14.85		
15+15	1	74	1	0		19.91	19.42	19.20		
15+15	75	0	75	0	256-QAM	18.02	18.17	18.13	18.79	0.0757
15+15	1	0	1	74		14.62	14.93	14.35		
15+15	1	74	1	0		18.05	18.25	18.18		
Limit	EIRP < 1W					Result			Pass	

LTE Band 2

Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.39	6.41	6.78	6.81	PASS

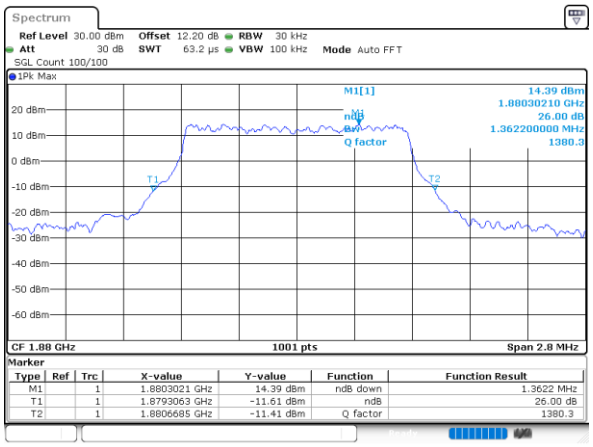
LTE Band 2 / 20MHz / QPSK	LTE Band 2 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 2 / 20MHz / 64QAM	LTE Band 2 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

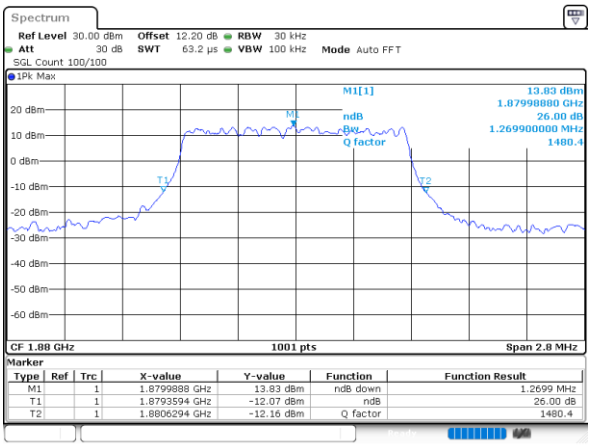
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.36	1.27	2.99	3.05	4.90	5.05	9.87	9.71	14.66	14.63	19.18	19.50
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.30	1.36	3.06	3.05	5.02	5.07	10.09	10.17	14.48	14.51	19.10	18.90

LTE Band 2

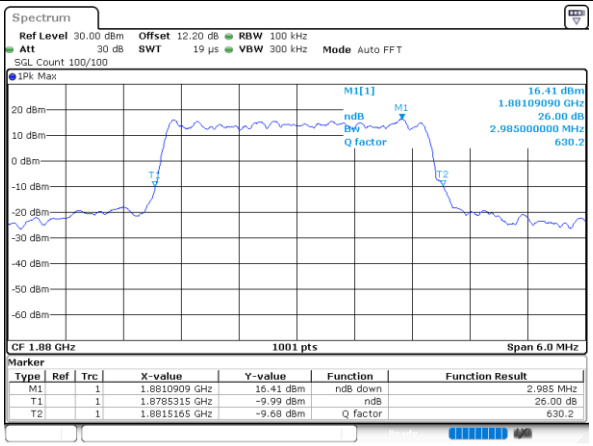
Middle Channel / 1.4MHz / QPSK



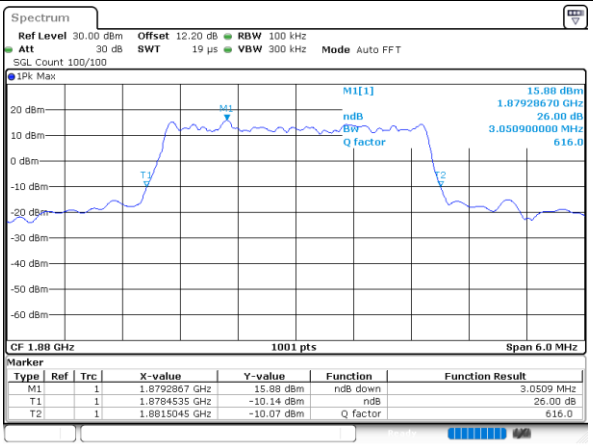
Middle Channel / 1.4MHz / 16QAM



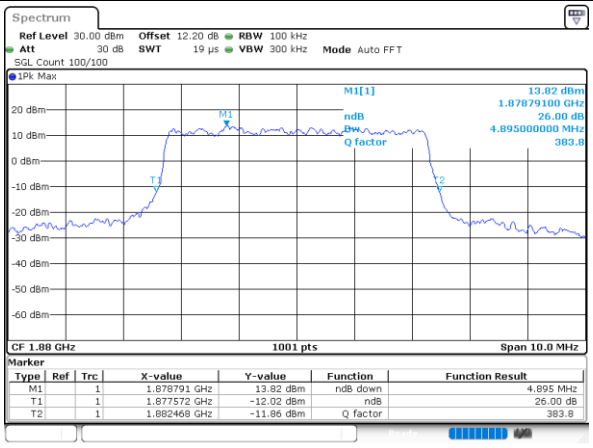
Middle Channel / 3MHz / QPSK



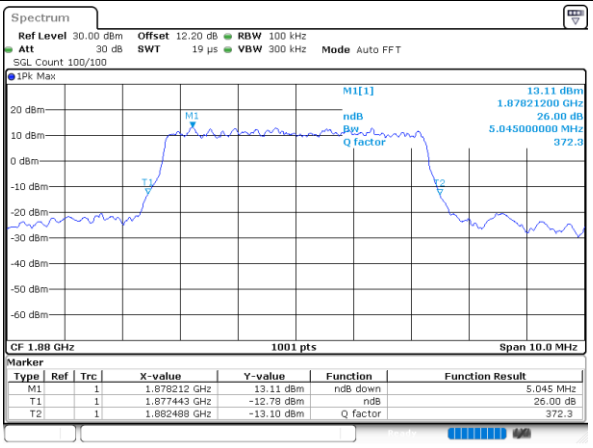
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

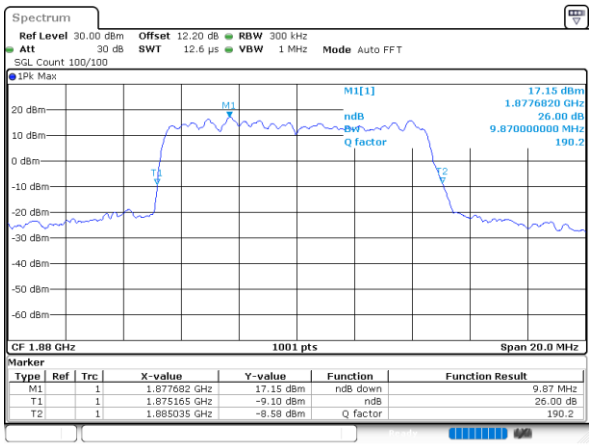


Middle Channel / 5MHz / 16QAM

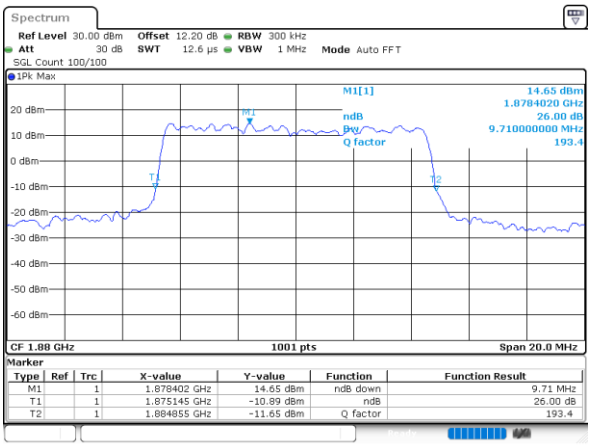


LTE Band 2

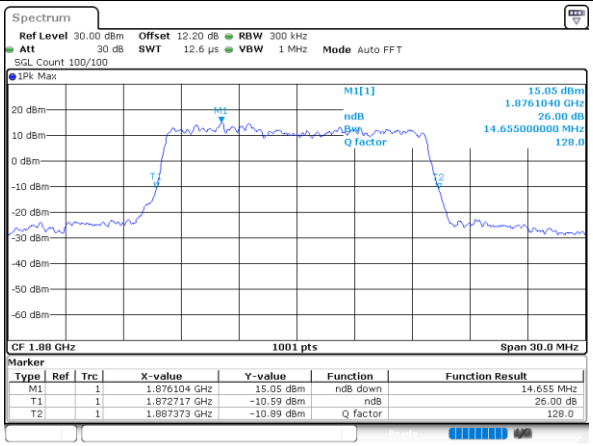
Middle Channel / 10MHz / QPSK



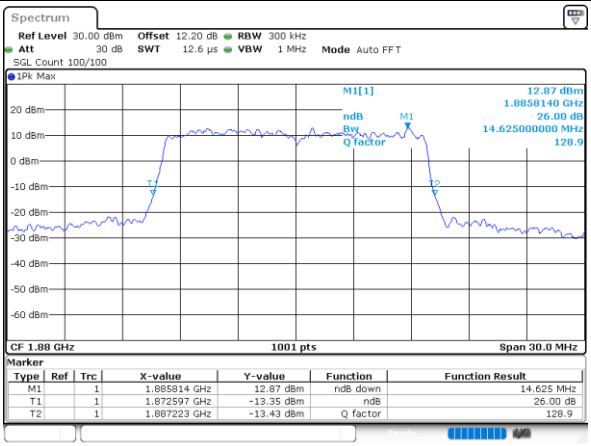
Middle Channel / 10MHz / 16QAM



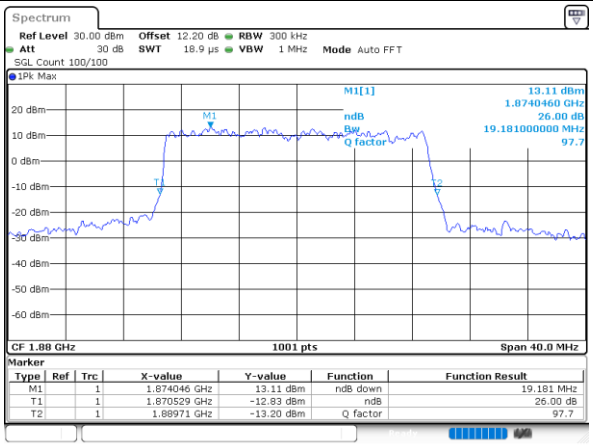
Middle Channel / 15MHz / QPSK



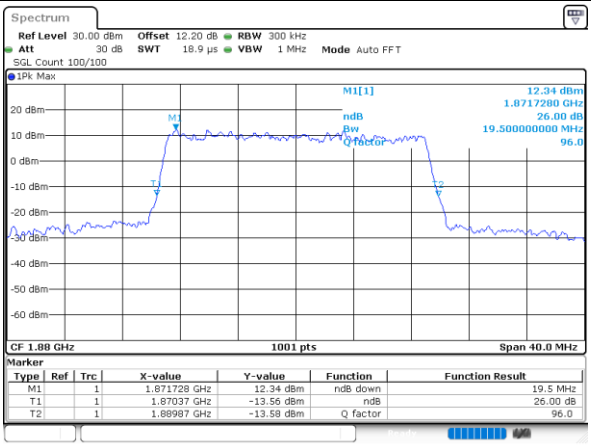
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

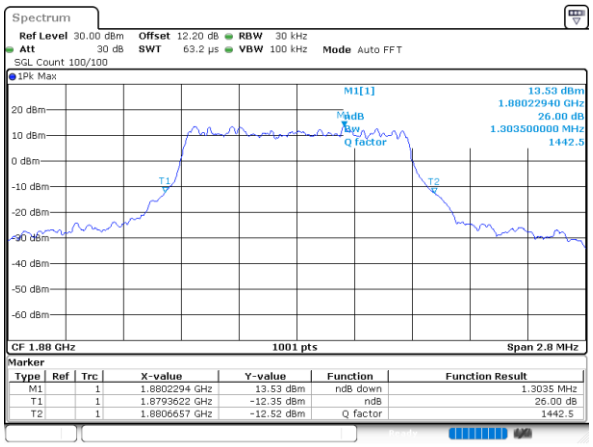


Middle Channel / 20MHz / 16QAM

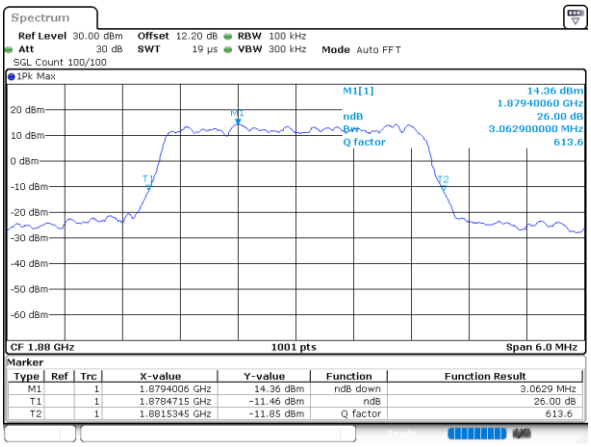


LTE Band 2

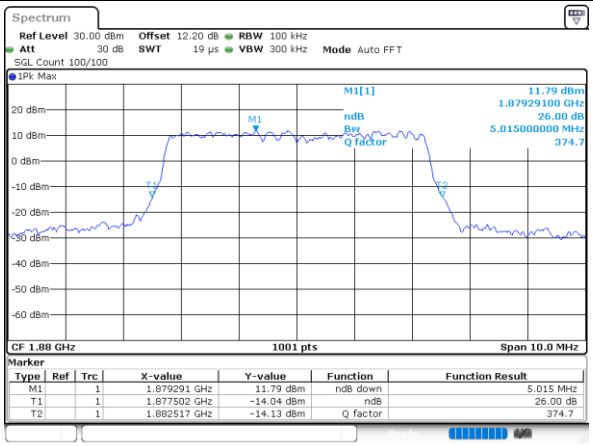
Middle Channel / 1.4MHz / 64QAM



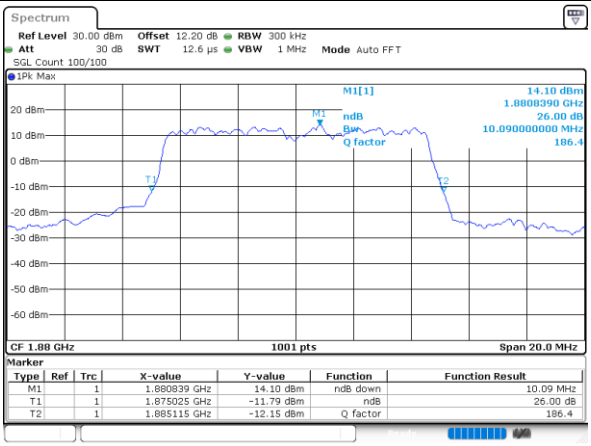
Middle Channel / 3MHz / 64QAM



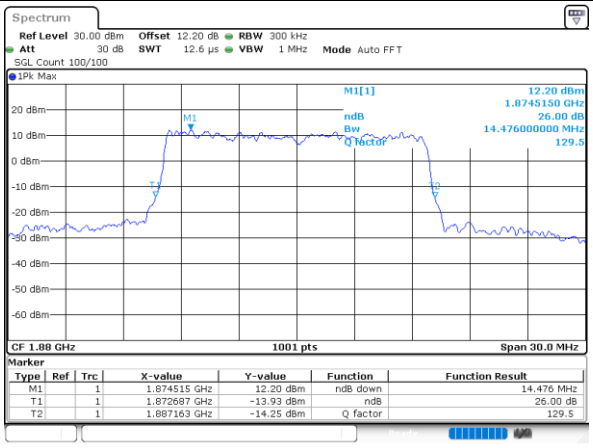
Middle Channel / 5MHz / 64QAM



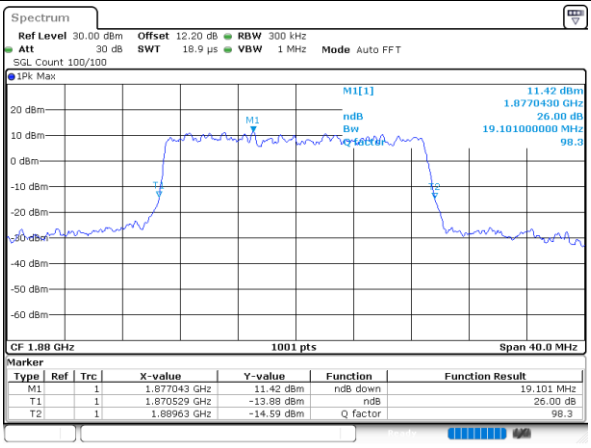
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

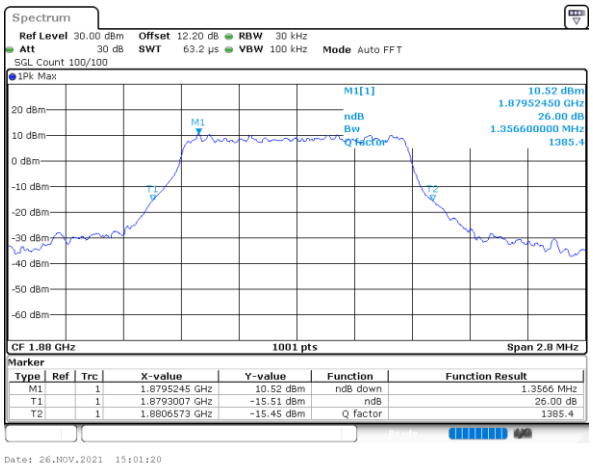


Middle Channel / 20MHz / 64QAM

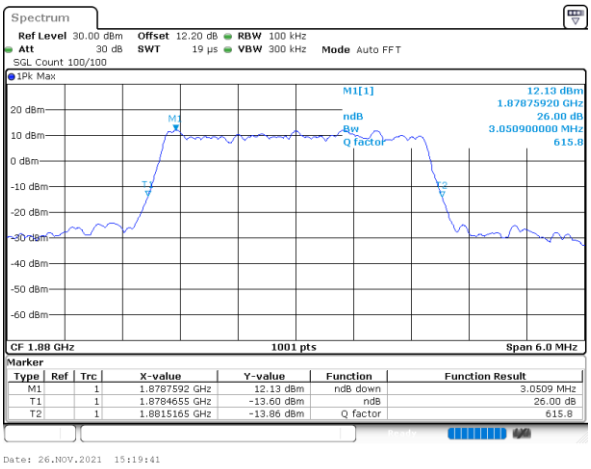


LTE Band 2

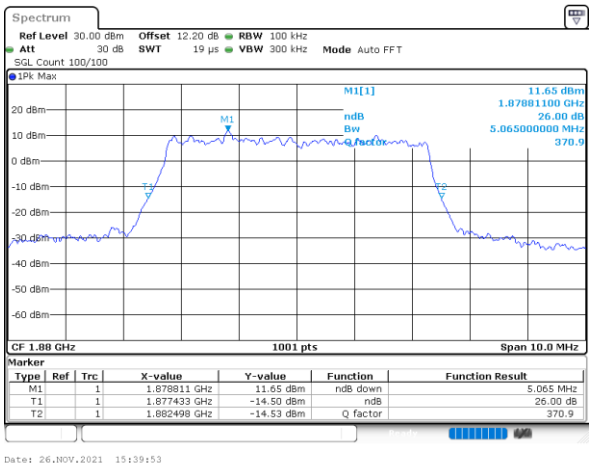
Middle Channel / 1.4MHz / 256QAM



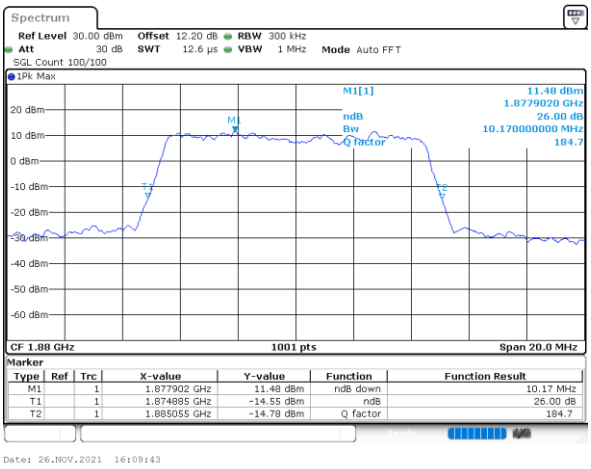
Middle Channel / 3MHz / 256QAM



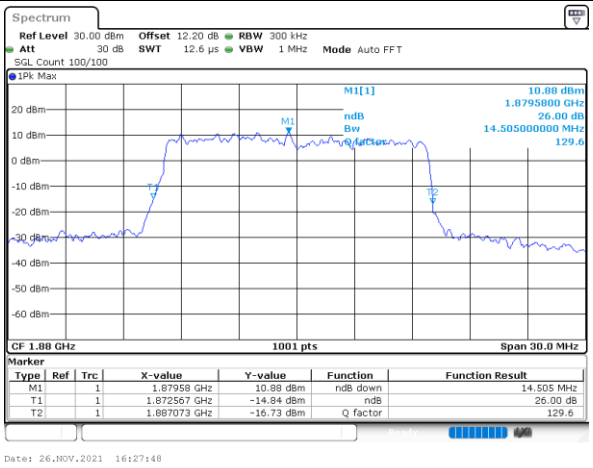
Middle Channel / 5MHz / 256QAM



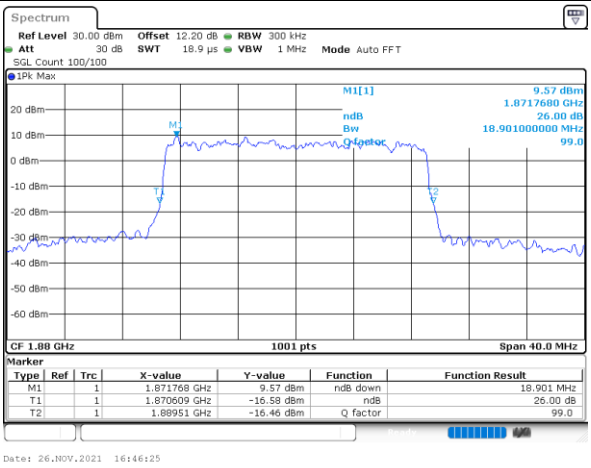
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

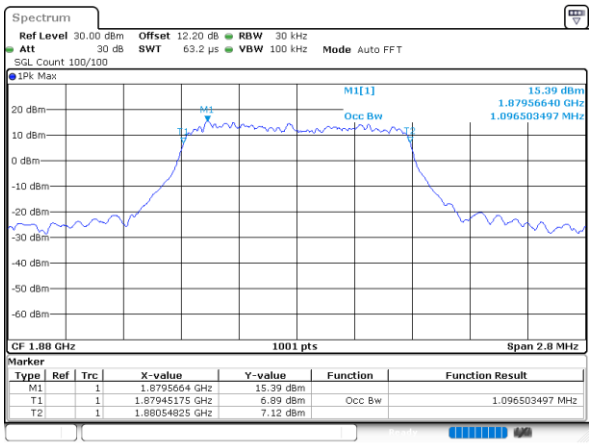


Occupied Bandwidth

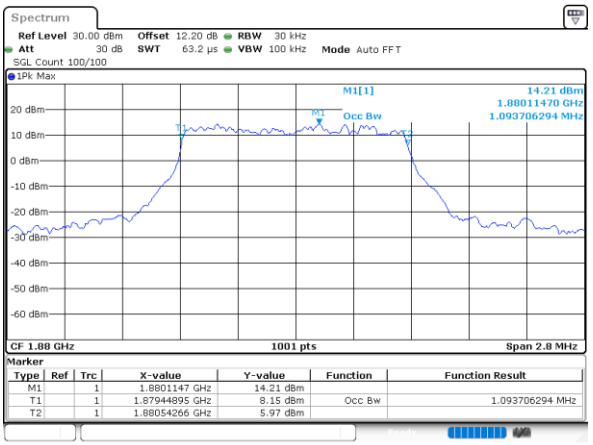
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.10	1.09	2.75	2.73	4.53	4.50	9.09	9.03	13.49	13.46	18.06	17.98
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	1.09	1.10	2.76	2.73	4.48	4.50	9.11	9.05	13.46	13.58	17.90	17.94

LTE Band 2

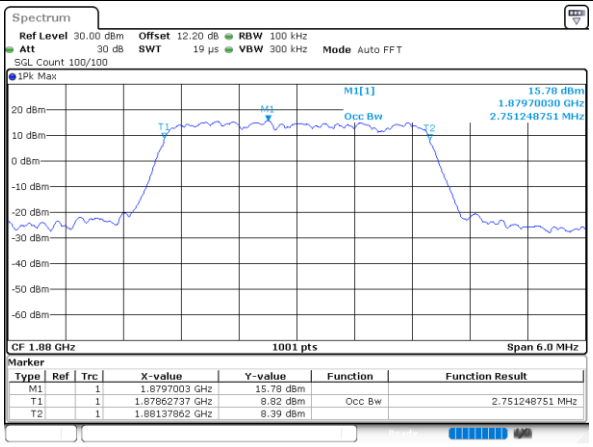
Middle Channel / 1.4MHz / QPSK



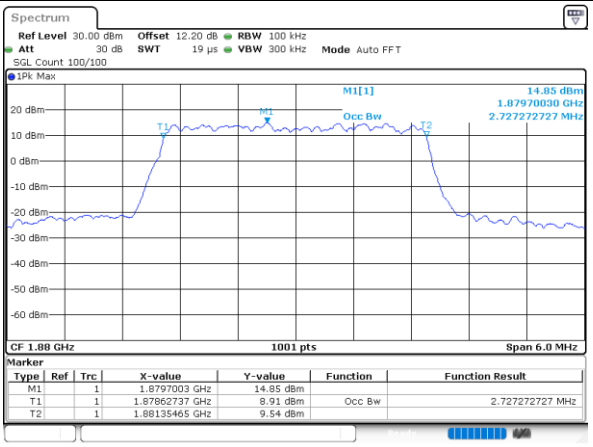
Middle Channel / 1.4MHz / 16QAM



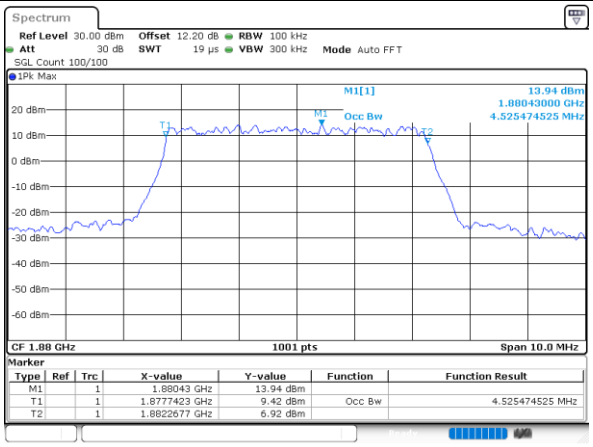
Middle Channel / 3MHz / QPSK



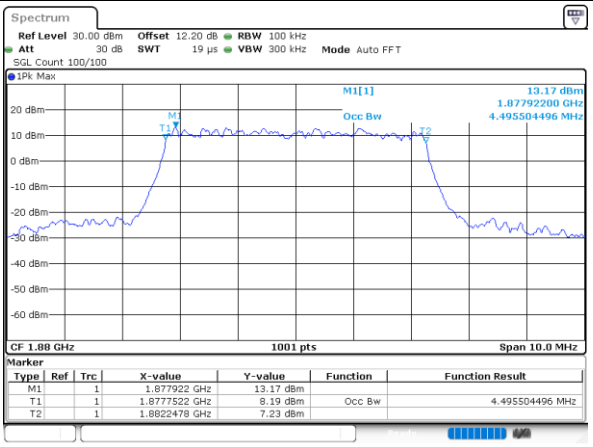
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK

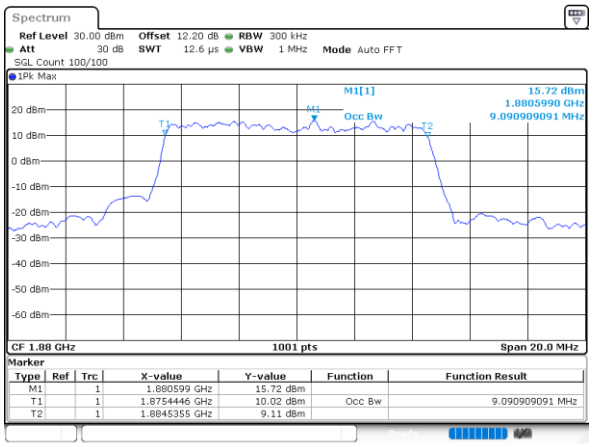


Middle Channel / 5MHz / 16QAM

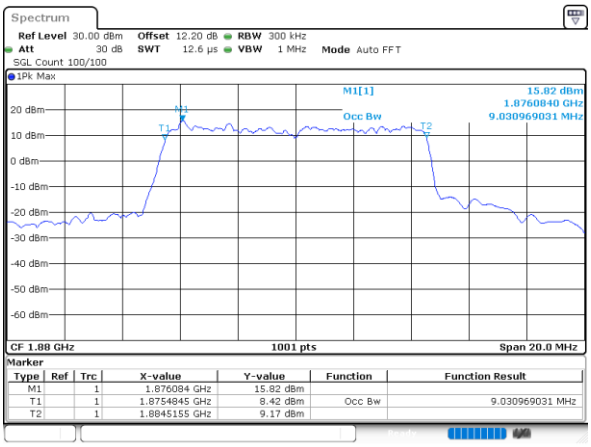


LTE Band 2

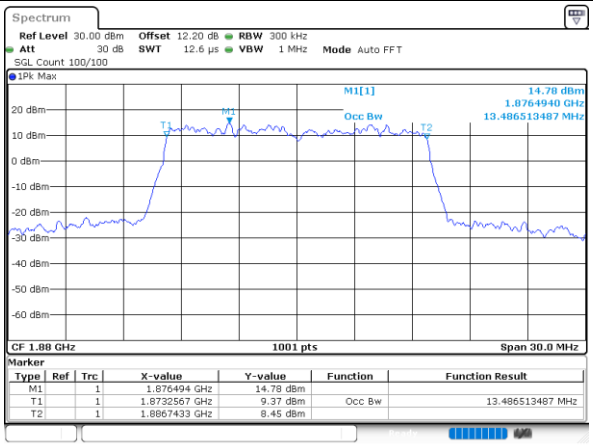
Middle Channel / 10MHz / QPSK



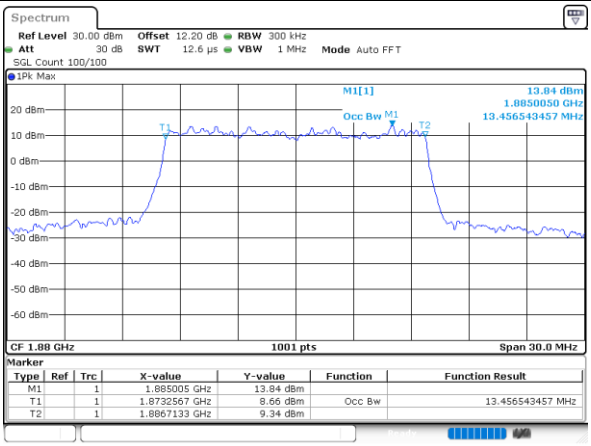
Middle Channel / 10MHz / 16QAM



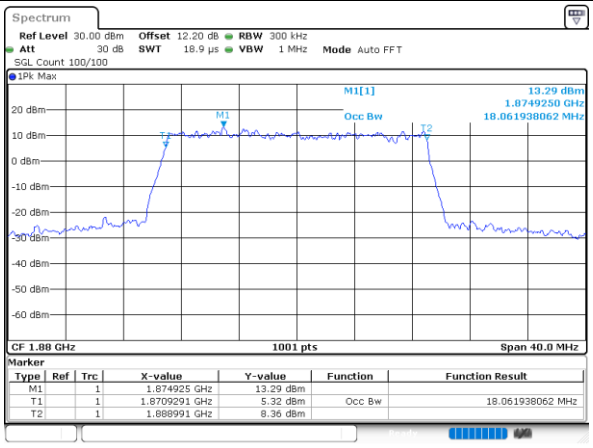
Middle Channel / 15MHz / QPSK



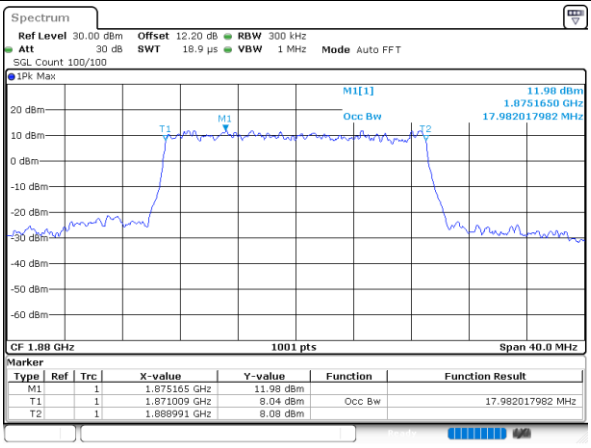
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK

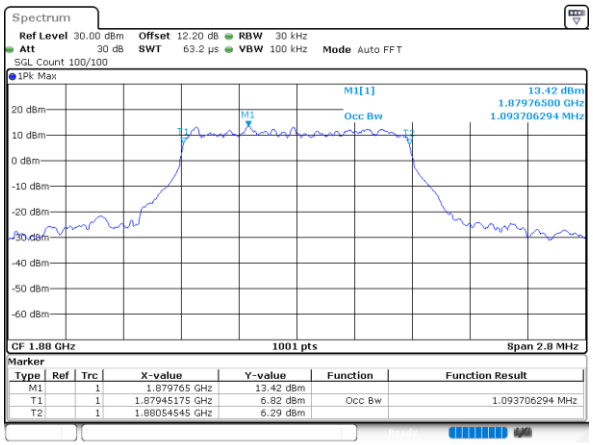


Middle Channel / 20MHz / 16QAM

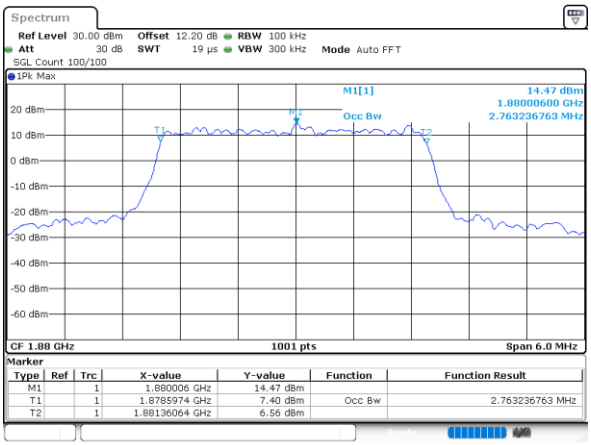


LTE Band 2

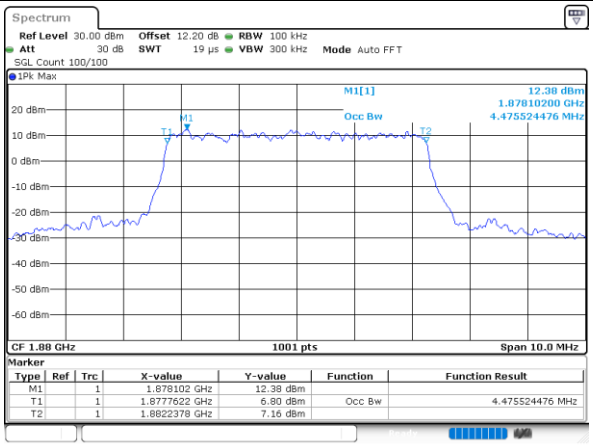
Middle Channel / 1.4MHz / 64QAM



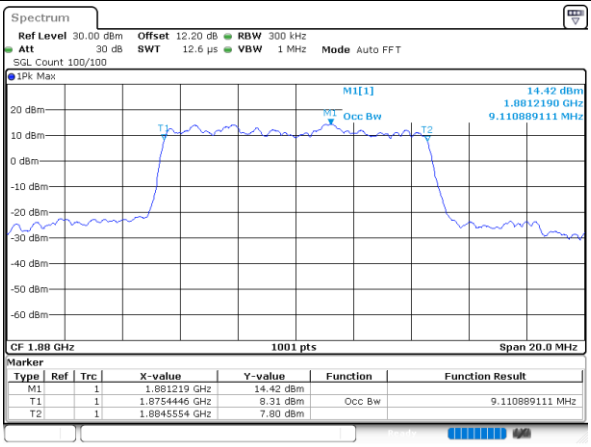
Middle Channel / 3MHz / 64QAM



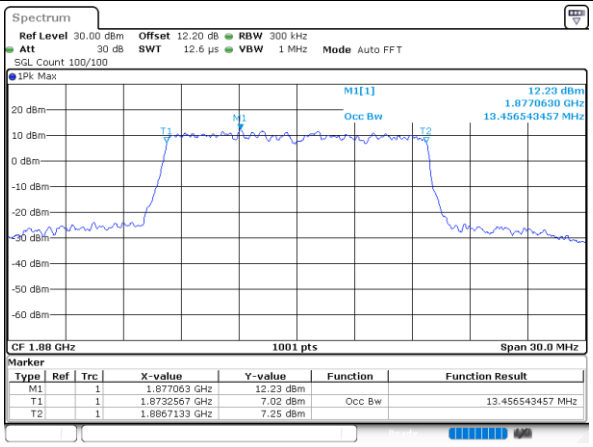
Middle Channel / 5MHz / 64QAM



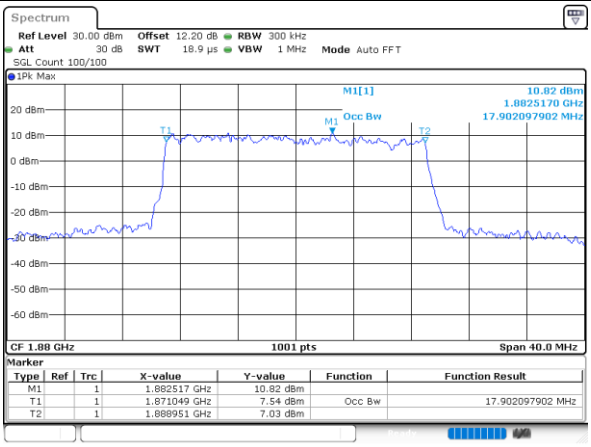
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

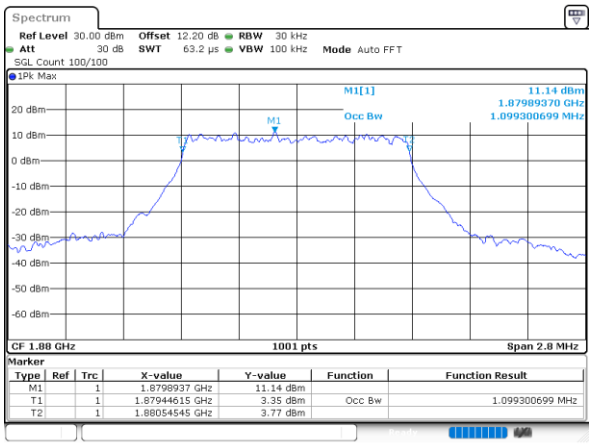


Middle Channel / 20MHz / 64QAM

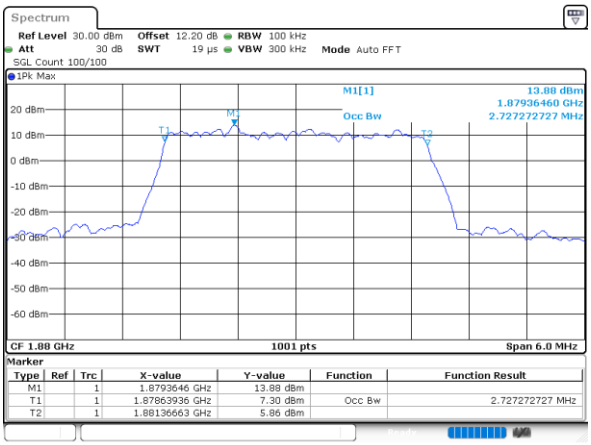


LTE Band 2

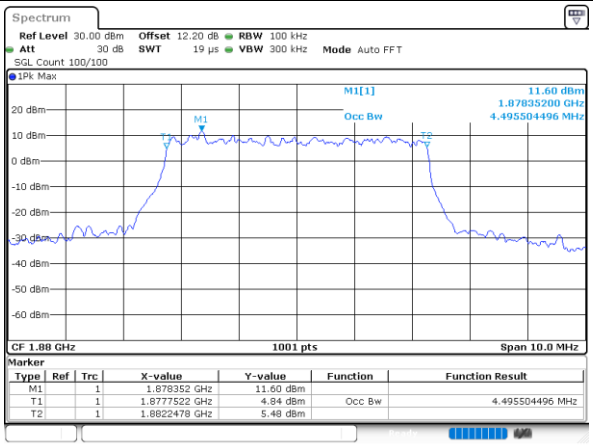
Middle Channel / 1.4MHz / 256QAM



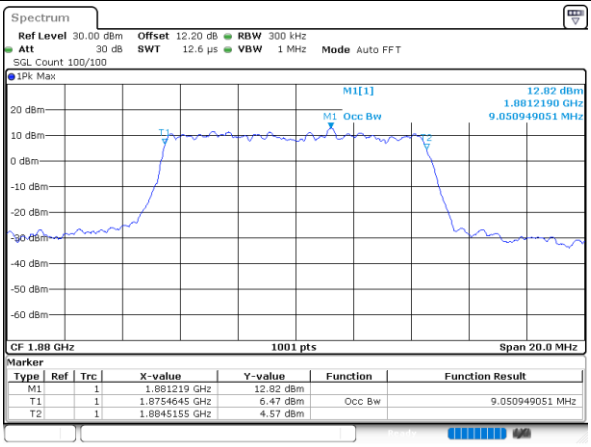
Middle Channel / 3MHz / 256QAM



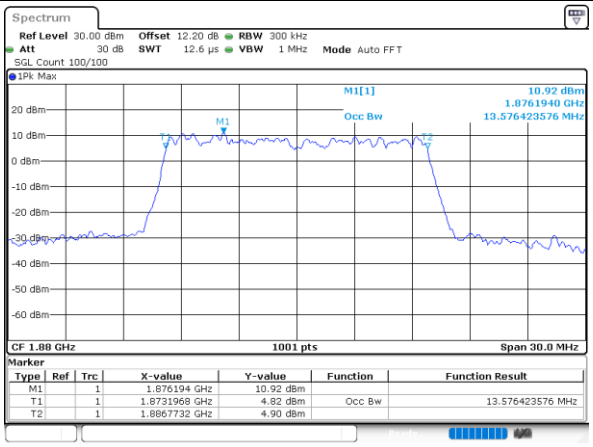
Middle Channel / 5MHz / 256QAM



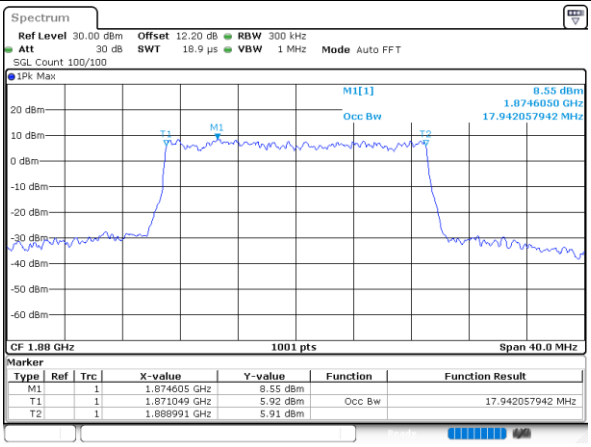
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



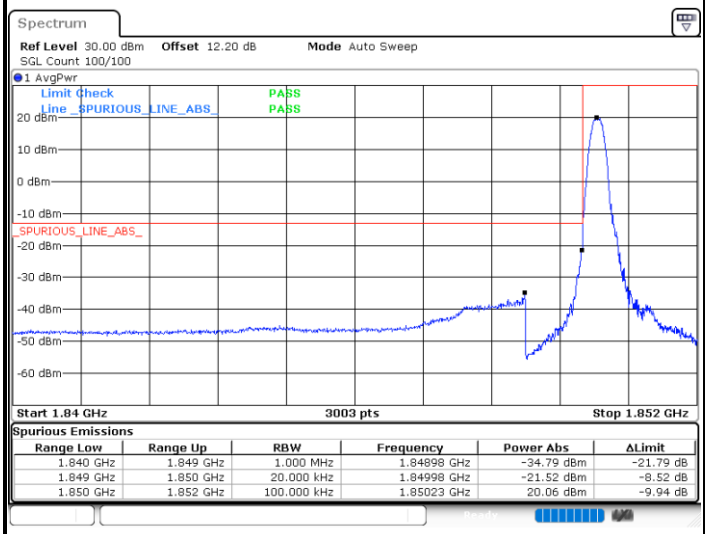
Middle Channel / 20MHz / 256QAM



Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-34.79 dBm	-21.79 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.84998 GHz	-21.52 dBm	-8.52 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85023 GHz	20.06 dBm	-9.94 dB

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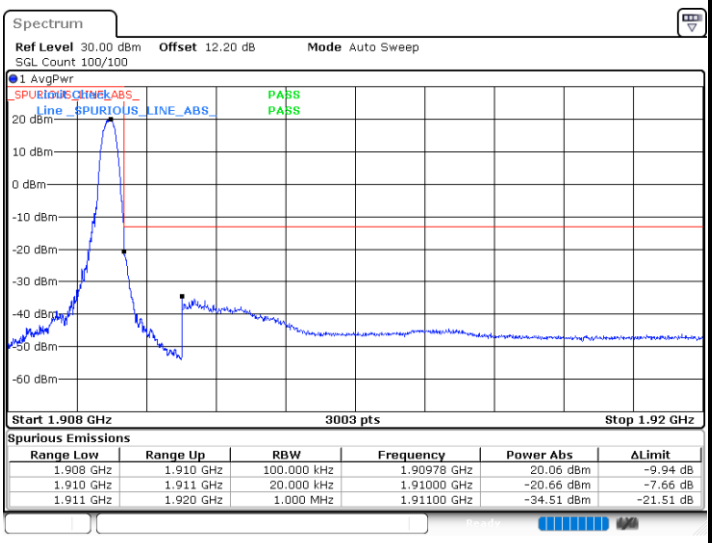
Highest Band Edge / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90978 GHz	20.06 dBm	-9.94 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-20.66 dBm	-7.66 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-34.51 dBm	-21.51 dB

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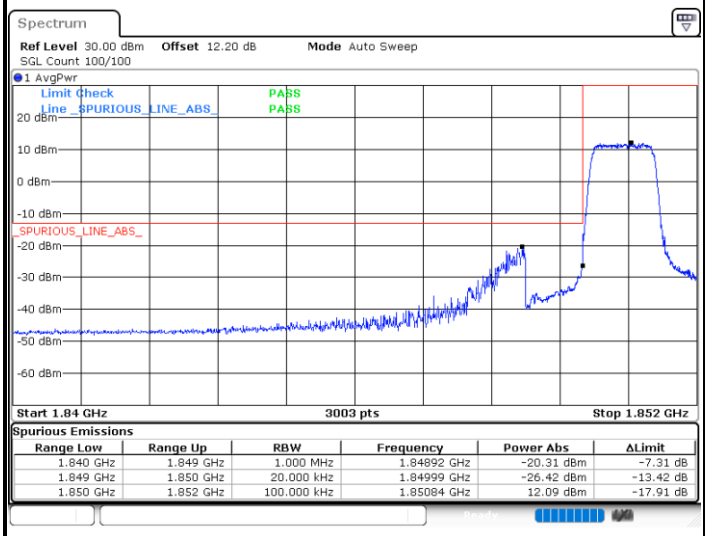
Lowest Band Edge / Full RB

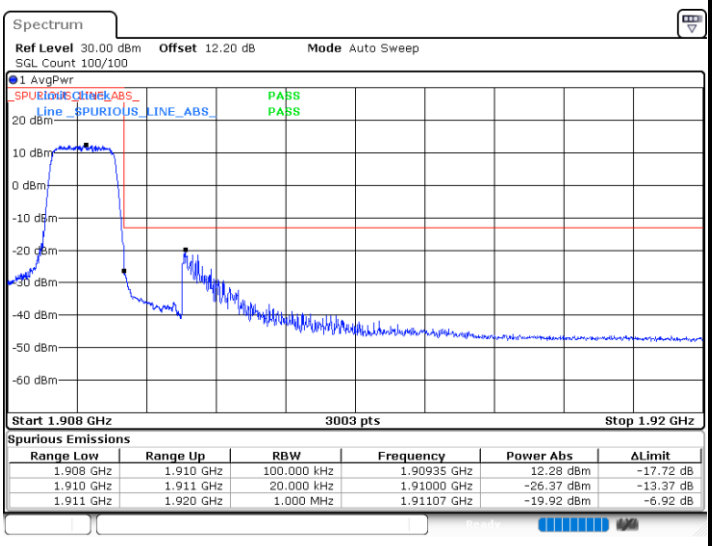


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84892 GHz	-20.31 dBm	-7.31 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.84999 GHz	-26.42 dBm	-13.42 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85084 GHz	12.09 dBm	-17.91 dB

Date: 26.NOV.2021 17:51:00

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90935 GHz	12.28 dBm	-17.72 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-26.37 dBm	-13.37 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91107 GHz	-19.92 dBm	-6.92 dB

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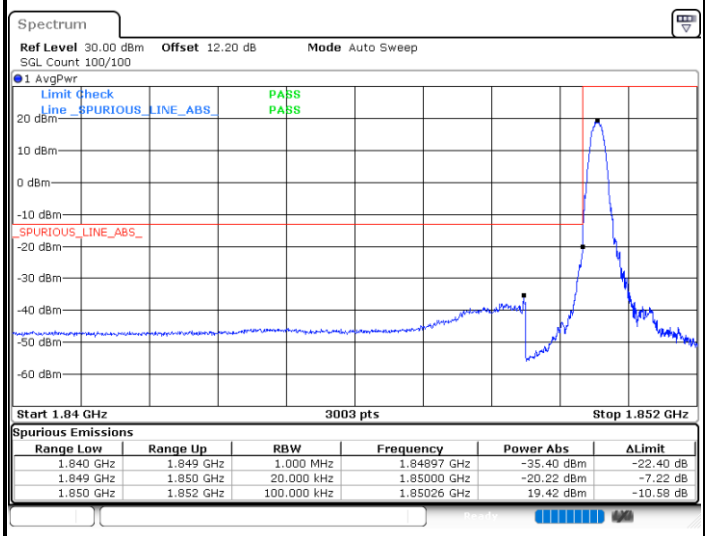
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

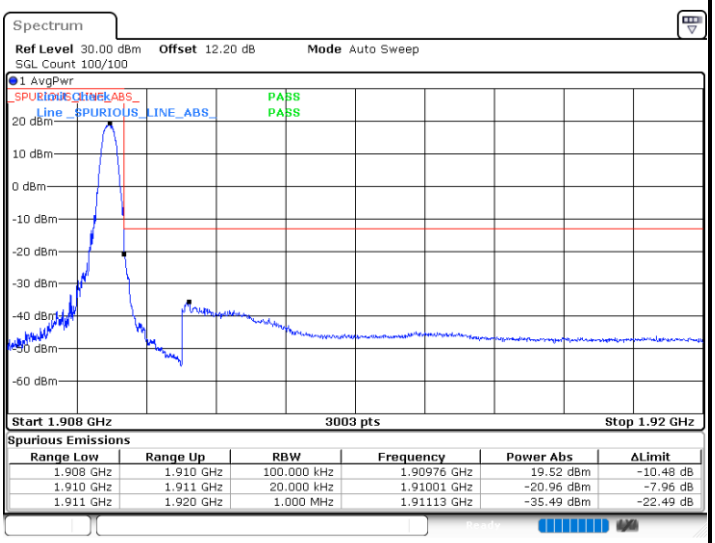


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-35.40 dBm	-22.40 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-20.22 dBm	-7.22 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85026 GHz	19.42 dBm	-10.58 dB

Date: 26.NOV.2021 17:48:52

Highest Band Edge / 1 RB

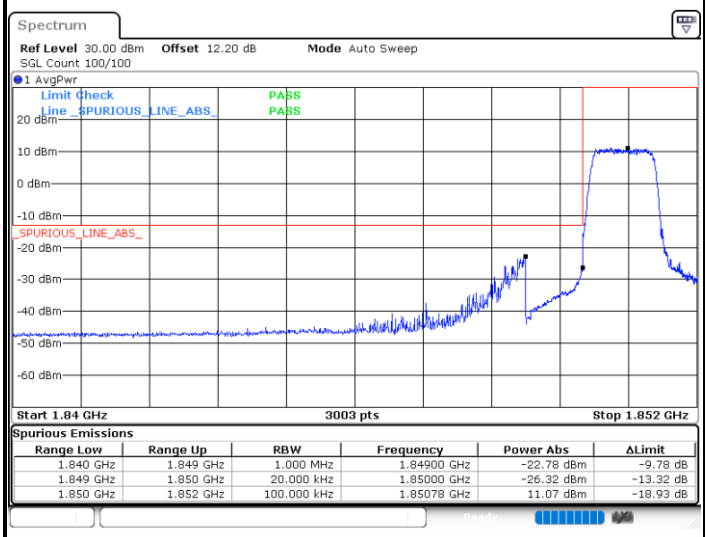


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90976 GHz	19.52 dBm	-10.48 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91001 GHz	-20.96 dBm	-7.96 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91113 GHz	-35.49 dBm	-22.49 dB

Date: 26.NOV.2021 17:54:27

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-22.78 dBm	-9.78 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-26.32 dBm	-13.32 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85078 GHz	11.07 dBm	-18.93 dB

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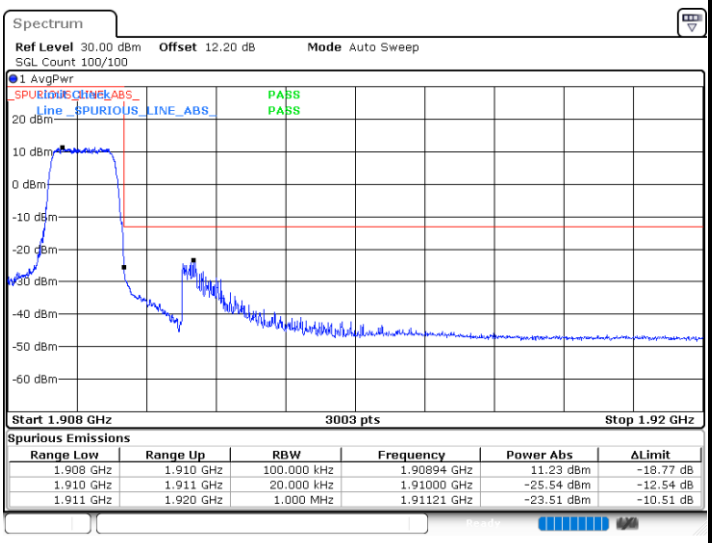
Highest Band Edge / Full RB



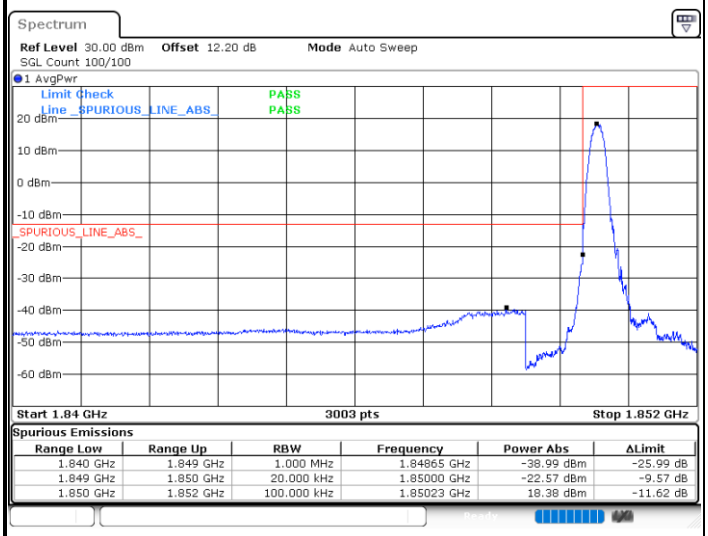
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90894 GHz	11.23 dBm	-18.77 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-25.54 dBm	-12.54 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91121 GHz	-23.51 dBm	-10.51 dB

Date: 26.NOV.2021 17:57:15

LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84865 GHz	-38.99 dBm	-25.99 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-22.57 dBm	-9.57 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85023 GHz	18.38 dBm	-11.62 dB

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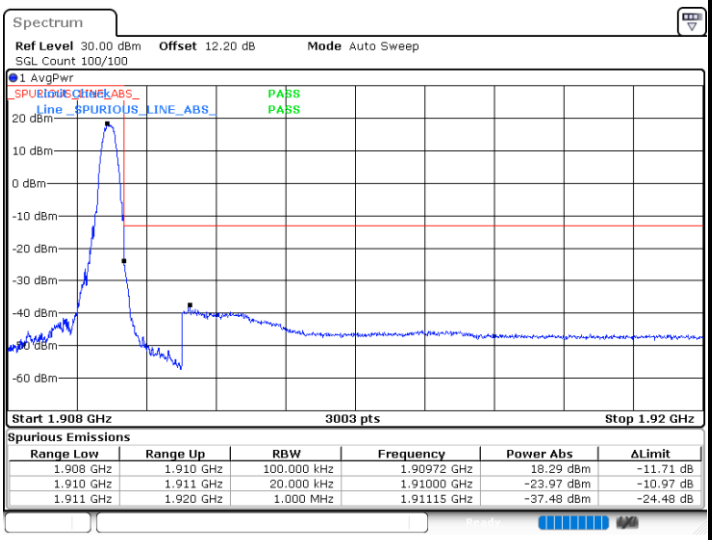
Highest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90972 GHz	18.29 dBm	-11.71 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-23.97 dBm	-10.97 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91115 GHz	-37.48 dBm	-24.48 dB

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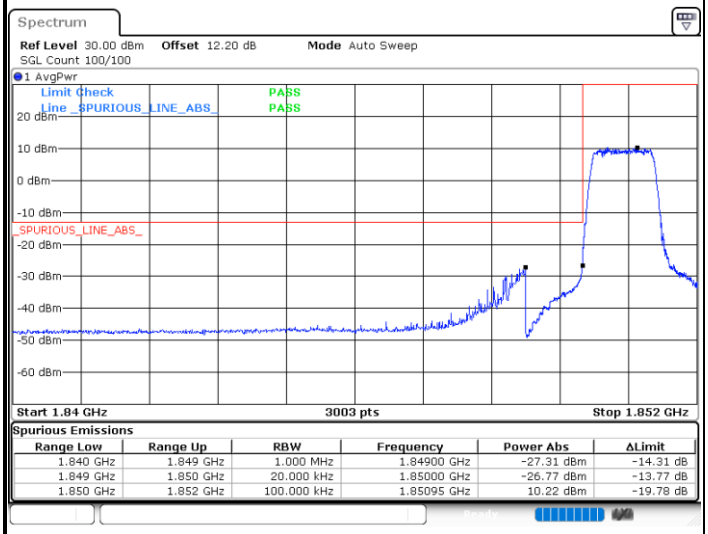
Lowest Band Edge / Full RB

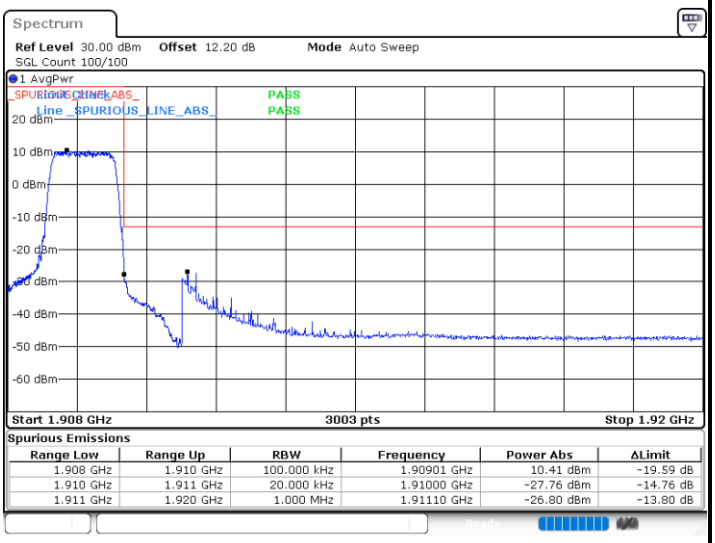


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-27.31 dBm	-14.31 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-26.77 dBm	-13.77 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85095 GHz	10.22 dBm	-19.78 dB

Date: 26.NOV.2021 17:52:23

Highest Band Edge / Full RB



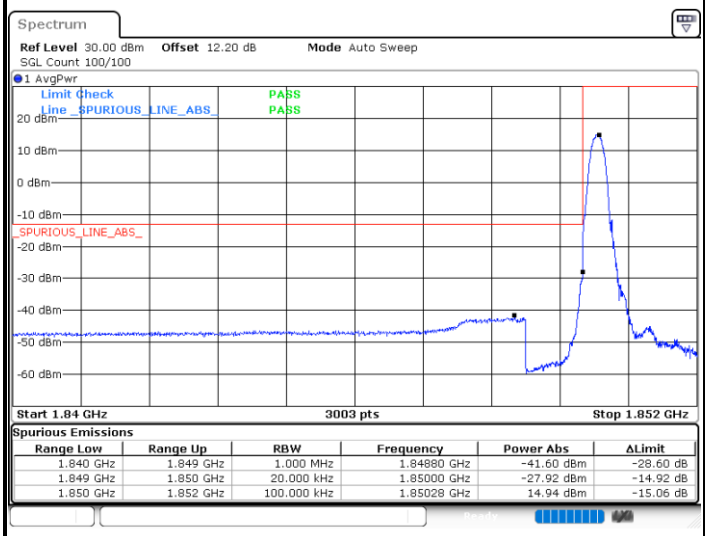
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90901 GHz	10.41 dBm	-19.59 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-27.76 dBm	-14.76 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91110 GHz	-26.80 dBm	-13.80 dB

Date: 26.NOV.2021 17:57:57

LTE Band 2 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84880 GHz	-41.60 dBm	-28.60 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-27.92 dBm	-14.92 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85028 GHz	14.94 dBm	-15.06 dB

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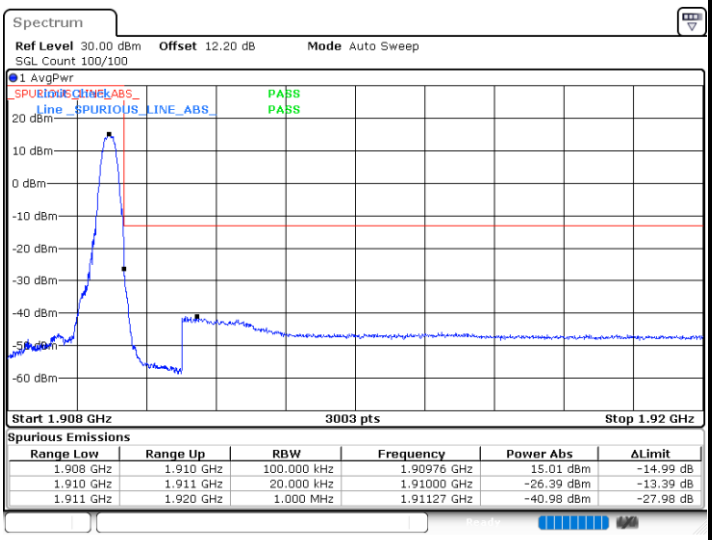
Highest Band Edge / 1 RB

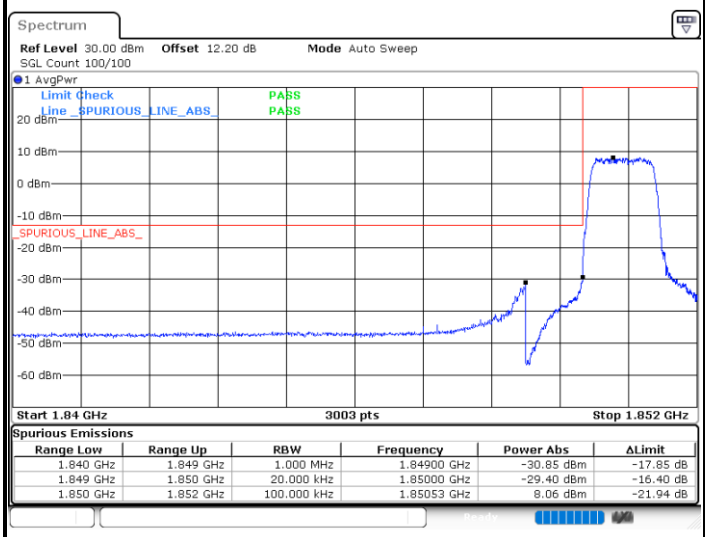


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90976 GHz	15.01 dBm	-14.99 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-26.39 dBm	-13.39 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91127 GHz	-40.98 dBm	-27.98 dB

Date: 26.NOV.2021 17:55:52

Lowest Band Edge / Full RB

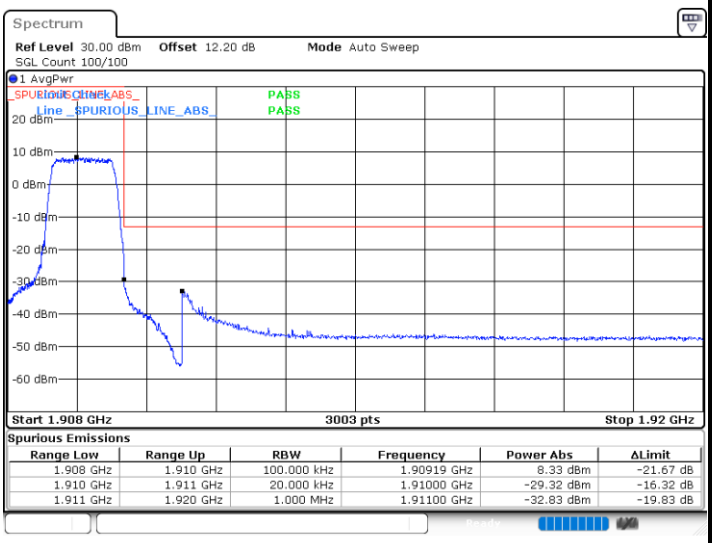


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-30.85 dBm	-17.85 dB
1.849 GHz	1.850 GHz	20.000 kHz	1.85000 GHz	-29.40 dBm	-16.40 dB
1.850 GHz	1.852 GHz	100.000 kHz	1.85053 GHz	8.06 dBm	-21.94 dB

Date: 26.NOV.2021 17:53:05

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.908 GHz	1.910 GHz	100.000 kHz	1.90919 GHz	8.33 dBm	-21.67 dB
1.910 GHz	1.911 GHz	20.000 kHz	1.91000 GHz	-29.32 dBm	-16.32 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-32.83 dBm	-19.83 dB

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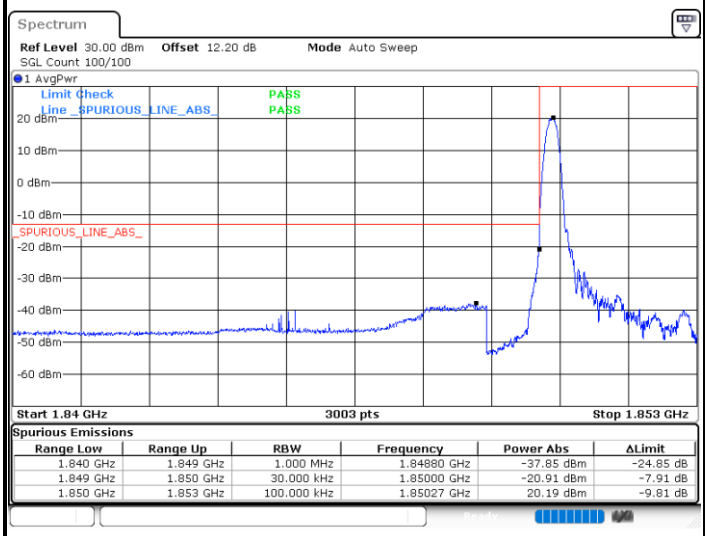
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB

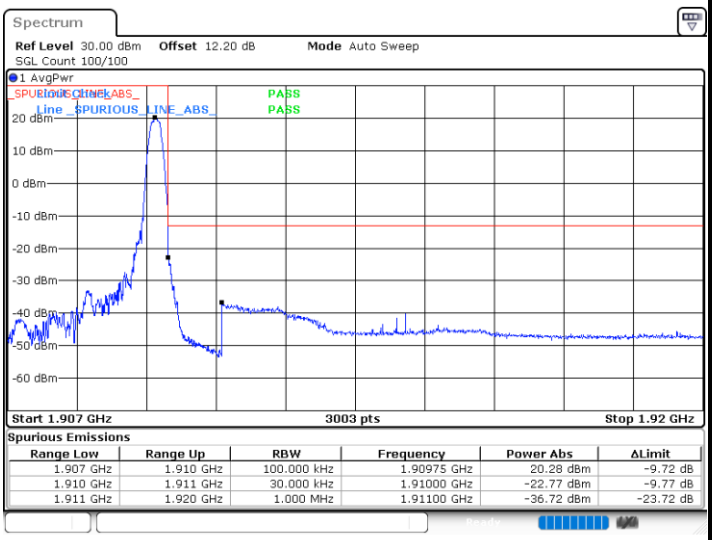


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84880 GHz	-37.85 dBm	-24.85 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-20.91 dBm	-7.91 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85027 GHz	20.19 dBm	-9.81 dB

Date: 26.NOV.2021 18:00:10

Highest Band Edge / 1 RB

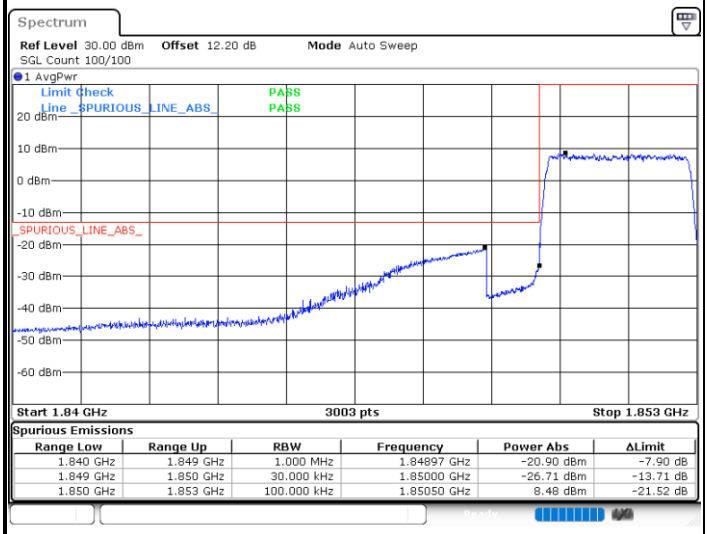


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90975 GHz	20.28 dBm	-9.72 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-22.77 dBm	-9.77 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-36.72 dBm	-23.72 dB

Date: 26.NOV.2021 18:05:42

Lowest Band Edge / Full RB

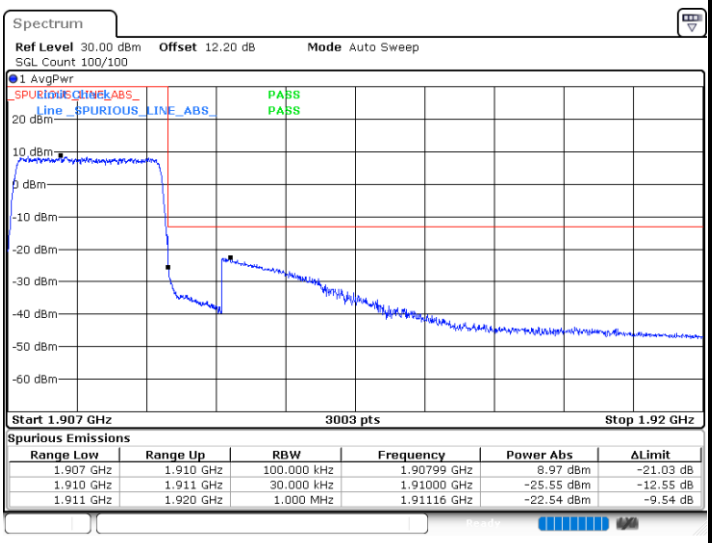


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84897 GHz	-20.90 dBm	-7.90 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-26.71 dBm	-13.71 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85050 GHz	8.48 dBm	-21.52 dB

Date: 26.NOV.2021 18:02:56

Highest Band Edge / Full RB



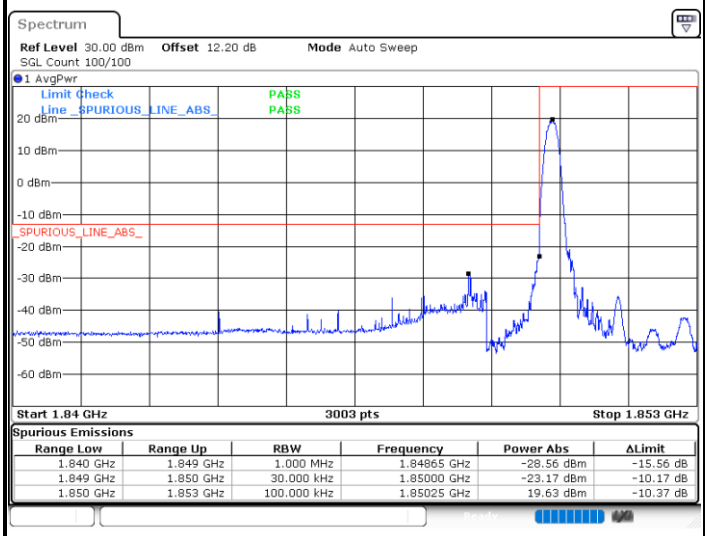
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90799 GHz	8.97 dBm	-21.03 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-25.55 dBm	-12.55 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91116 GHz	-22.54 dBm	-9.54 dB

Date: 26.NOV.2021 18:08:27

LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / 1 RB

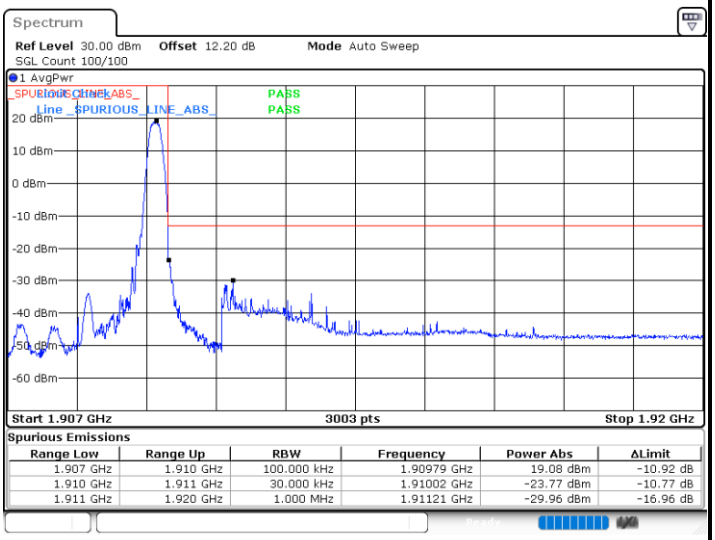


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84865 GHz	-28.56 dBm	-15.56 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-23.17 dBm	-10.17 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85025 GHz	19.63 dBm	-10.37 dB

Date: 26.NOV.2021 18:00:51

Highest Band Edge /1 RB

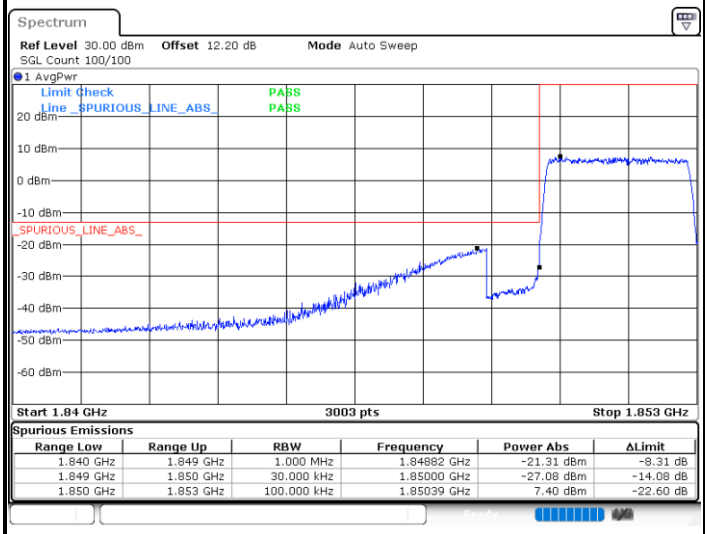


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90979 GHz	19.08 dBm	-10.92 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91002 GHz	-23.77 dBm	-10.77 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91121 GHz	-29.96 dBm	-16.96 dB

Date: 26.NOV.2021 18:06:22

Lowest Band Edge / Full RB

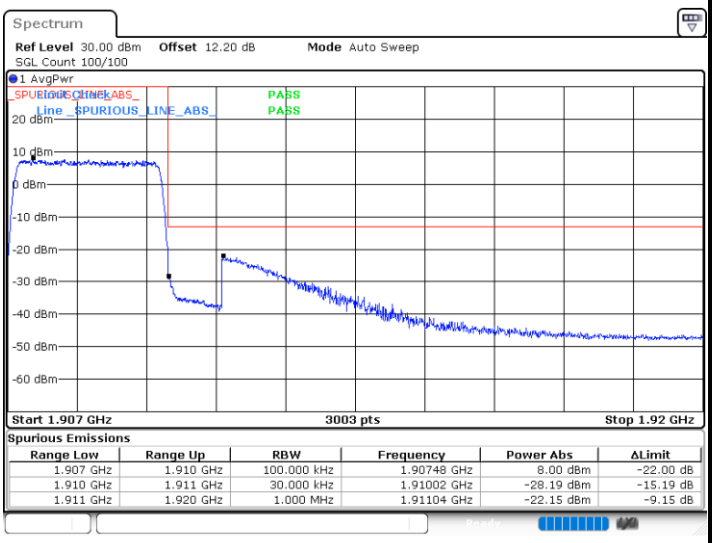


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84882 GHz	-21.31 dBm	-8.31 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-27.08 dBm	-14.08 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85039 GHz	7.40 dBm	-22.60 dB

Date: 26.NOV.2021 18:03:37

Highest Band Edge / Full RB



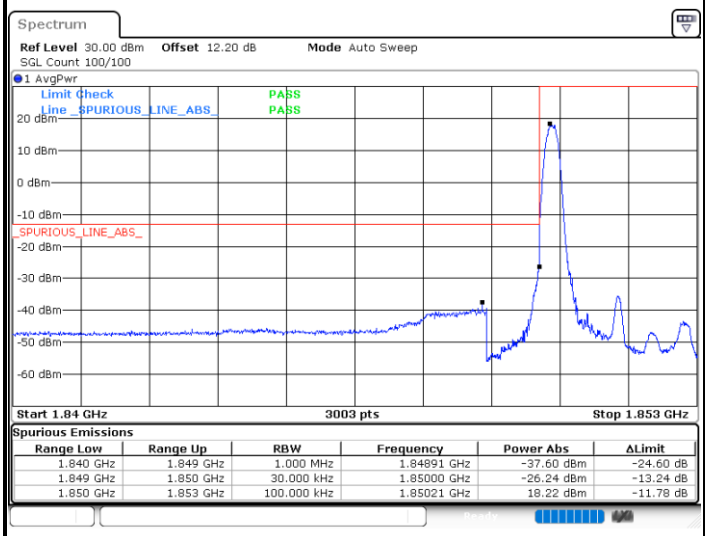
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90748 GHz	8.00 dBm	-22.00 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91002 GHz	-28.19 dBm	-15.19 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91104 GHz	-22.15 dBm	-9.15 dB

Date: 26.NOV.2021 18:09:09

LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB

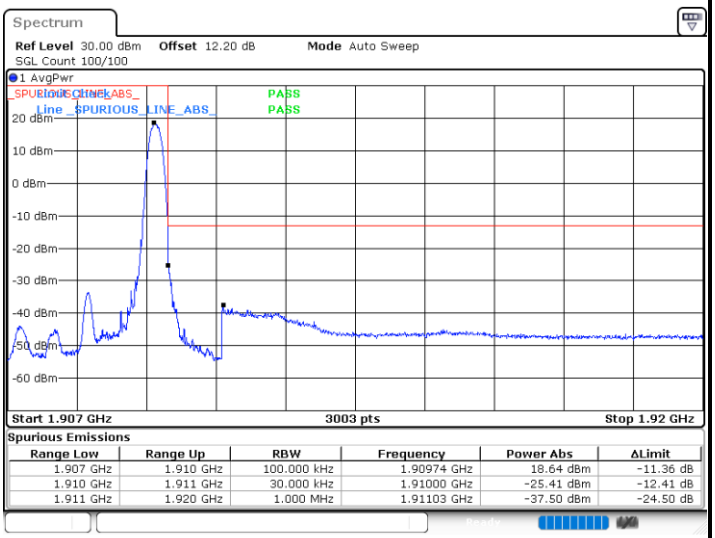


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-37.60 dBm	-24.60 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-26.24 dBm	-13.24 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85021 GHz	18.22 dBm	-11.78 dB

Date: 26.NOV.2021 18:01:32

Highest Band Edge /1 RB

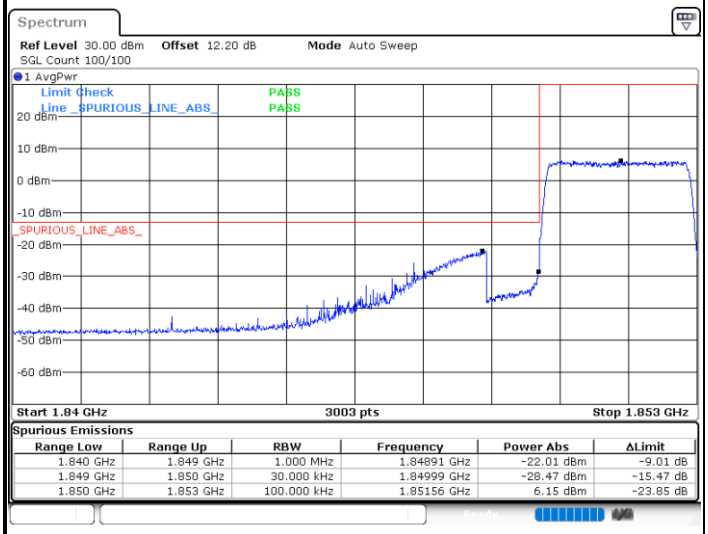


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90974 GHz	18.64 dBm	-11.36 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-25.41 dBm	-12.41 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91103 GHz	-37.50 dBm	-24.50 dB

Date: 26.NOV.2021 18:07:03

Lowest Band Edge / Full RB

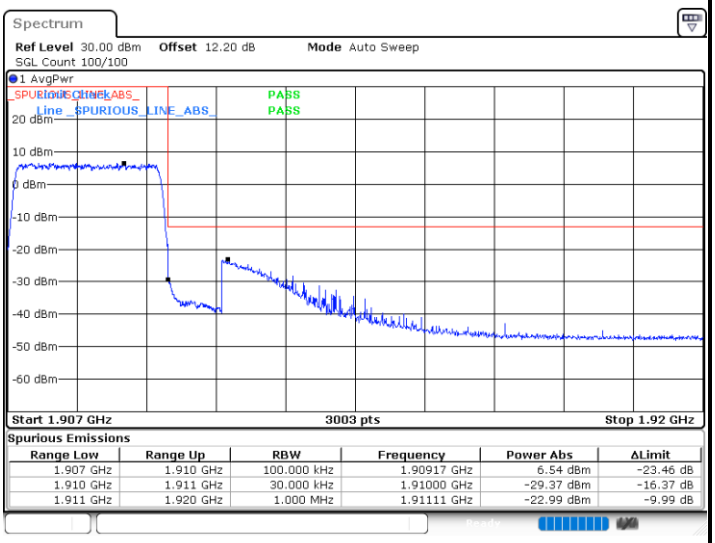


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-22.01 dBm	-9.01 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.84999 GHz	-28.47 dBm	-15.47 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85156 GHz	6.15 dBm	-23.85 dB

Date: 26.NOV.2021 18:04:19

Highest Band Edge / Full RB



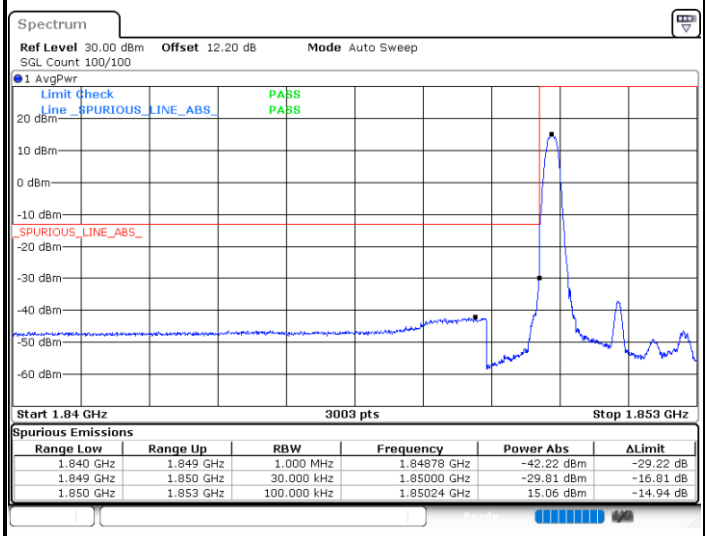
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90917 GHz	6.54 dBm	-23.46 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-29.37 dBm	-16.37 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91111 GHz	-22.99 dBm	-9.99 dB

Date: 26.NOV.2021 18:09:49

LTE Band 2 / 3MHz / 256QAM

Lowest Band Edge / 1 RB

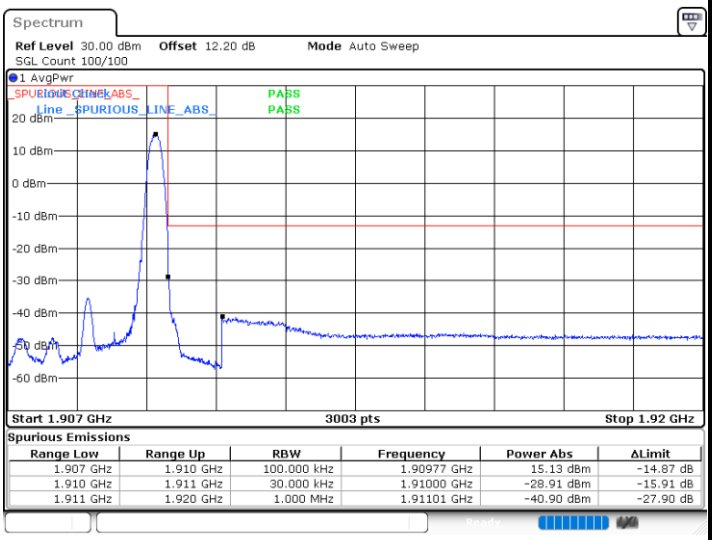


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84878 GHz	-42.22 dBm	-29.22 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-29.81 dBm	-16.81 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85024 GHz	15.06 dBm	-14.94 dB

Date: 26.NOV.2021 18:02:13

Highest Band Edge /1 RB

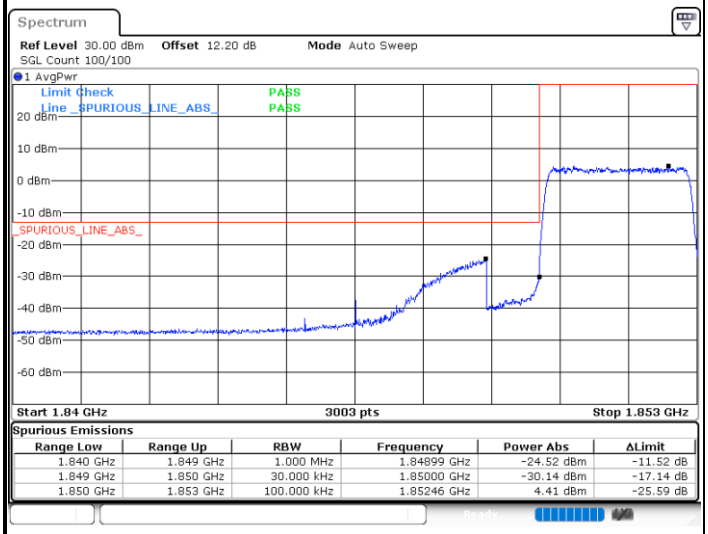


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90977 GHz	15.13 dBm	-14.87 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-28.91 dBm	-15.91 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91101 GHz	-40.90 dBm	-27.90 dB

Date: 26.NOV.2021 18:07:44

Lowest Band Edge / Full RB

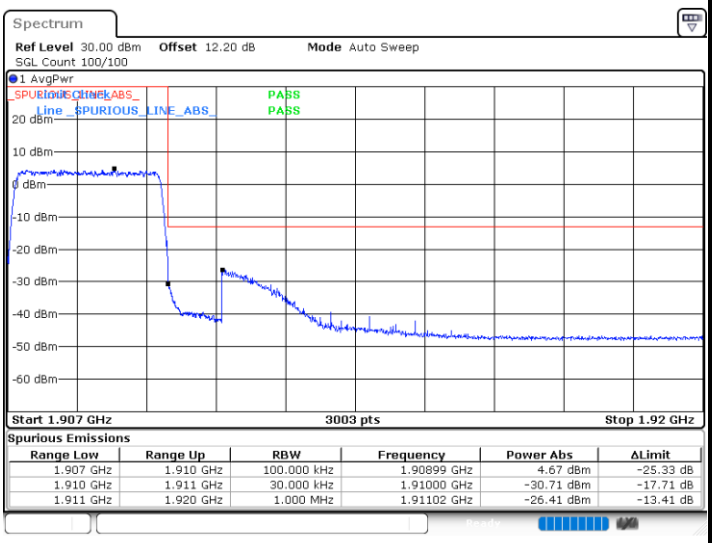


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84899 GHz	-24.52 dBm	-11.52 dB
1.849 GHz	1.850 GHz	30.000 kHz	1.85000 GHz	-30.14 dBm	-17.14 dB
1.850 GHz	1.853 GHz	100.000 kHz	1.85246 GHz	4.41 dBm	-25.59 dB

Date: 26.NOV.2021 18:05:00

Highest Band Edge / Full RB



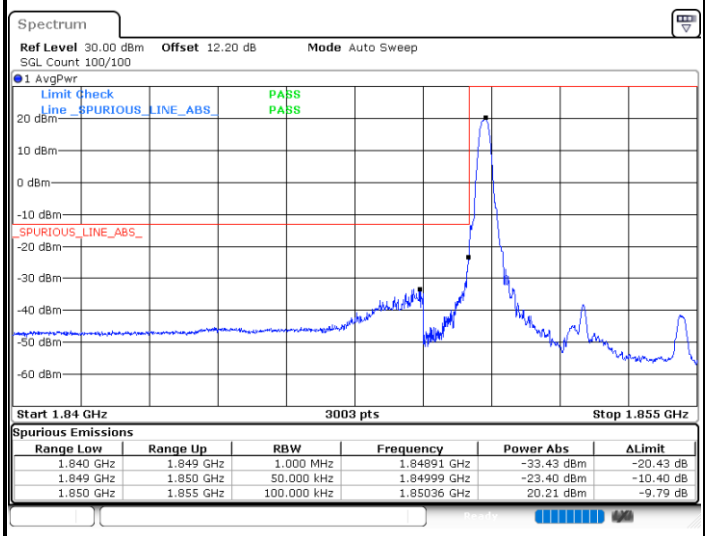
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.907 GHz	1.910 GHz	100.000 kHz	1.90899 GHz	4.67 dBm	-25.33 dB
1.910 GHz	1.911 GHz	30.000 kHz	1.91000 GHz	-30.71 dBm	-17.71 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91102 GHz	-26.41 dBm	-13.41 dB

Date: 26.NOV.2021 18:10:30

LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1 RB

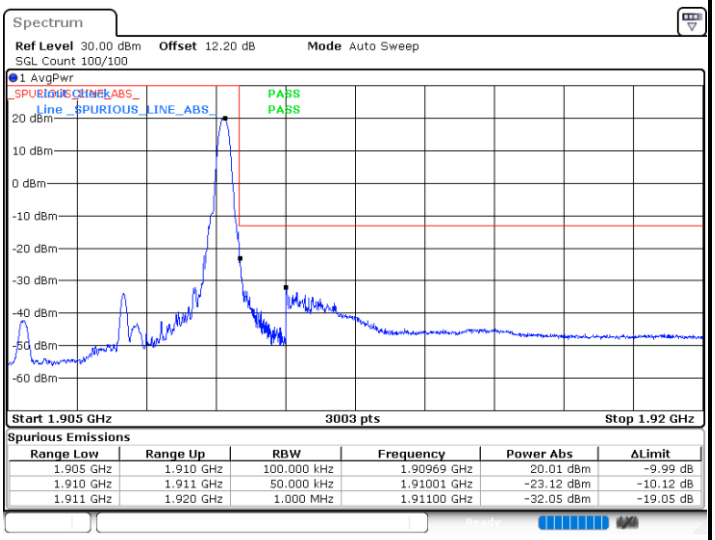


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84891 GHz	-33.43 dBm	-20.43 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-23.40 dBm	-10.40 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85036 GHz	20.21 dBm	-9.79 dB

Date: 26.NOV.2021 18:12:15

Highest Band Edge / 1 RB

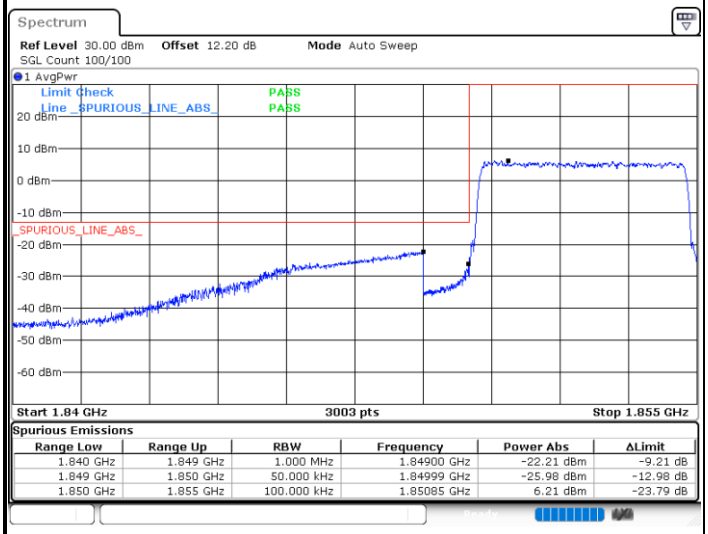


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90969 GHz	20.01 dBm	-9.99 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91001 GHz	-23.12 dBm	-10.12 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-32.05 dBm	-19.05 dB

Date: 26.NOV.2021 18:17:47

Lowest Band Edge / Full RB

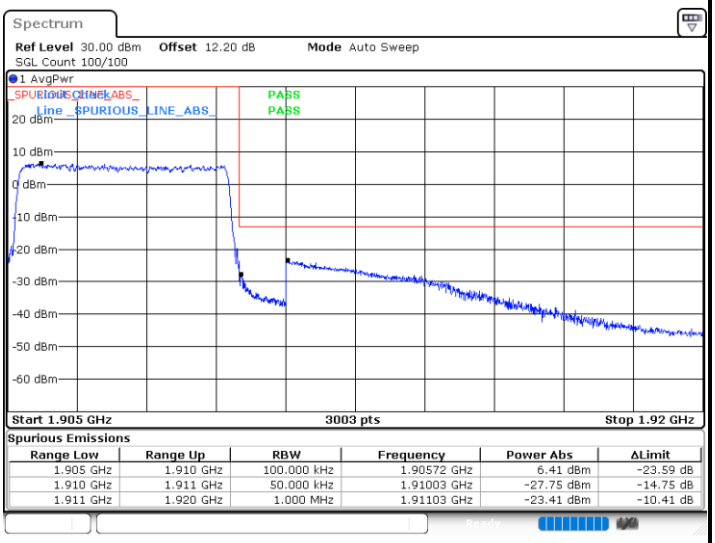


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84900 GHz	-22.21 dBm	-9.21 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-25.98 dBm	-12.98 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85085 GHz	6.21 dBm	-23.79 dB

Date: 26.NOV.2021 18:15:01

Highest Band Edge / Full RB



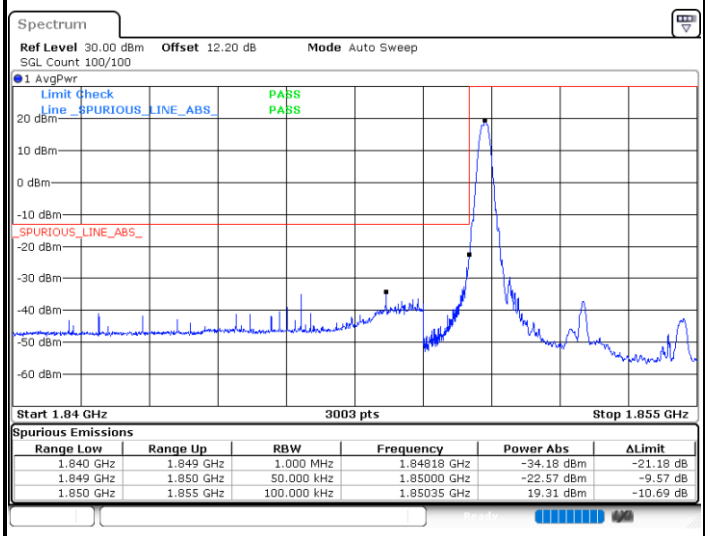
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90572 GHz	6.41 dBm	-23.59 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91003 GHz	-27.75 dBm	-14.75 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91103 GHz	-23.41 dBm	-10.41 dB

Date: 26.NOV.2021 18:20:30

LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / 1RB

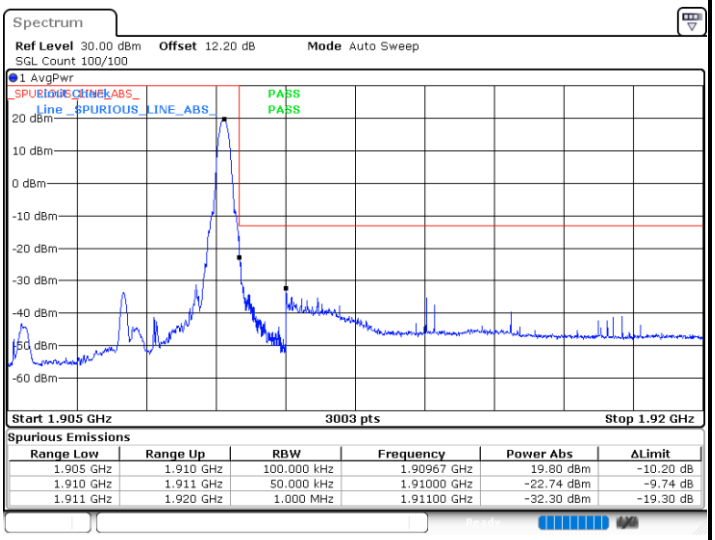


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84818 GHz	-34.18 dBm	-21.18 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.85000 GHz	-22.57 dBm	-9.57 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85035 GHz	19.31 dBm	-10.69 dB

Date: 26.NOV.2021 18:12:56

Highest Band Edge / 1 RB

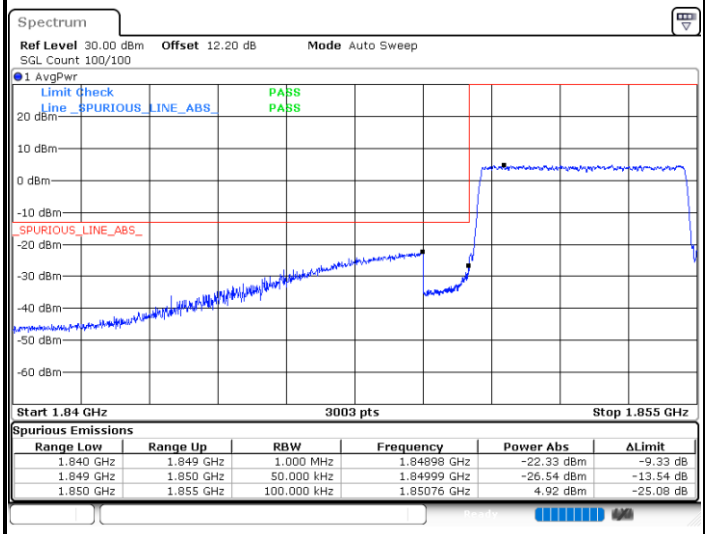


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90967 GHz	19.80 dBm	-10.20 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91000 GHz	-22.74 dBm	-9.74 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91100 GHz	-32.30 dBm	-19.30 dB

Date: 26.NOV.2021 18:18:28

Lowest Band Edge / Full RB

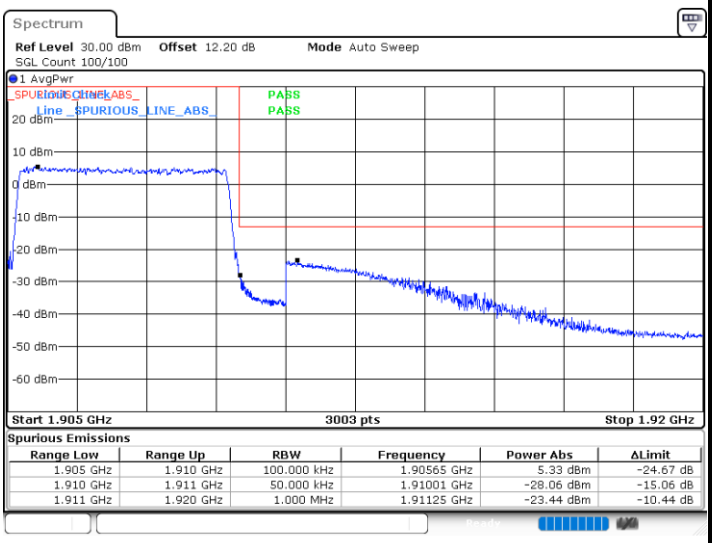


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.840 GHz	1.849 GHz	1.000 MHz	1.84898 GHz	-22.33 dBm	-9.33 dB
1.849 GHz	1.850 GHz	50.000 kHz	1.84999 GHz	-26.54 dBm	-13.54 dB
1.850 GHz	1.855 GHz	100.000 kHz	1.85076 GHz	4.92 dBm	-25.08 dB

Date: 26.NOV.2021 18:15:41

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.905 GHz	1.910 GHz	100.000 kHz	1.90565 GHz	5.33 dBm	-24.67 dB
1.910 GHz	1.911 GHz	50.000 kHz	1.91001 GHz	-28.06 dBm	-15.06 dB
1.911 GHz	1.920 GHz	1.000 MHz	1.91125 GHz	-23.44 dBm	-10.44 dB

Date: 26.NOV.2021 18:21:11