FCC RADIO TEST REPORT

FCC ID	:	**J9C-M2X35**
Equipment	:	**Module**
Brand Name	:	**Qualcomm**
Model Name	:	**M2X35**
Applicant	:	**Qualcomm Technologies, Inc.** **5775 Morehouse Drive, San Diego, California 92121, United States**
Manufacturer	:	**Qualcomm Technologies, Inc.** **5775 Morehouse Drive, San Diego, California 92121, United States**
Standard	:	**FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)**

The product was received on Aug. 26, 2024 and testing was performed from Aug. 31, 2024 to Nov. 20, 2024. 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 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 from 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
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Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FG422321-02A	01	Initial issue of report	Dec. 10, 2024
FG422321-02A	02	Revise Section 2.5 This report is an updated version, replacing the report issued on Dec. 10, 2024.	Dec. 11, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66) (Band 70)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
	§27.50 (k)(3)	Equivalent Isotropic Radiated Power (Band 42)		
	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (Band 43)		
3.3	§24.232 (d) §27.50 (d)(5) §27.50 (j)(4)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 70) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Band Edge Measurement (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Band Edge Measuremen (Band 43)		
3.6	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	-
	§2.1051 §90.691	Emission masks (Band 26)		

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.7	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2) §27.53 (g) §27.53 (h) §90.691	Conducted Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 70) (Band 71)	Pass	-
	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1051 §27.53 (a)(4)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
	§2.1051 §27.53 (n)(2)	Conducted Spurious Emission (Band 42)		
	§2.1051 §27.53 (l)(2)	Conducted Spurious Emission (Band 43)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.213	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 (c)(2) §27.53 (f) §27.53 (g) §27.53 (h) §90.691	Radiated Spurious Emission (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 70) (Band 71)	Pass	14.85 dB under the limit at 9241.00 MHz
	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (Band 7) (Band 38) (Band 41)		
	§2.1053 §27.53 (a)(4)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		
	§2.1053 §27.53 (n)(2)	Radiated Spurious Emission (Band 42)		
	§2.1053 §27.53 (l)(2)	Radiated Spurious Emission (Band 43)		

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Ming Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs LTE/5G NR/5G NR RedCap and GNSS.

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B42, B43, B66,B70, B71,
Evaluated and Tested band	B7, B12, B13, B14 , B25, B26, B30, B41, B42, B43, B66, B70,B71
Band covered information	Wider operating frequency band range covers narrower one when the power is worse as follows: ■ B26 cover B5 (Part 22) ■ B25 cover B2 (Part 24) ■ B66 cover B4 (Part 27) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27)

FDD/TDD band Power Class		
	SISO PC3	**SISO PC2**
B2	V	
B4	V	
B5	V	
B7	V	
B12	V	
B13	V	
B14	V	
B17	V	
B25	V	
B26	V	
B30	V	
B38	V	
B41	V	V
B42	V	V
B43	V	
B66	V	
B70	V	
B71	V	

RF Exposure Max Antenna Gain information(dBi)			
Band	**Ant1**	**Ant4**	**Main Ant. #**
B2	**8**	**8**	1
B4	**5**	**5**	1
B5	**6**		1
B7	**7.8**	**7.8**	1
B12	**6**		1
B13	**6**		1
B14	**6**		1
B17	**6**		1
B25	**8**	**8**	1
B26	**6**		1
B30	**0.98**	**0.98**	1
B38	**7.8**	**7.8**	1
B41(PC3)	**7.8**	**7.8**	1
B41(PC2)	**5.8**	**5.8**	1
B42(PC3)	**5.5**	**5.5**	1
B42(PC2)	**3.5**	**3.5**	1
B43	**5.5**	**5.5**	1
B66	**5**	**5**	1
B70	**5.2**	**5.2**	1
B71	**5.5**		1

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

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 (℃)	22.1~23.7
Relative Humidity (%)	50.1~56.7

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.**
	03CH21-HY (TAF Code: 3786)
Test Engineer	Jesse Fan, Ray Lung and Sky Chang
Temperature (℃)	18~26
Relative Humidity (%)	50~70
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
- FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R), Part 90(S)
- 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 the test items were validated and recorded in accordance with the standards without any modification during the testing.
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 only the worst case emissions were reported in this report..

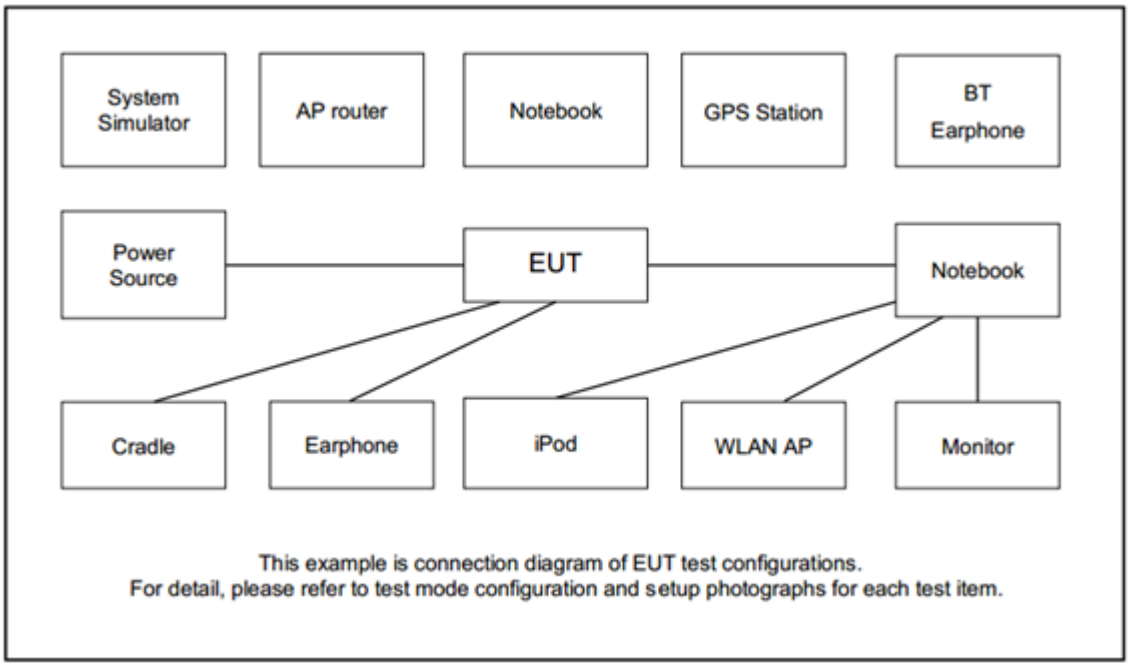
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
ERP/EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	Max	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	All	1RB Full	L, H
CSE	A	All	1RB	L, M, H
Frequency Stability	A	10 MHz or less	Full	M
RSE	A	Max	1RB	L, M, H

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. 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.
3. One representative bandwidth is selected to perform PAR and frequency stability.
4. For LTE B2/4/7/25/30/38/41/42/43/66/70 support Antenna 1 (Main Ant.) and Antenna 4;Radiated Spurious Emission is full test. Conducted test items are verified and the worst case is Antenna 1. Therefore, the report only performed Antenna 1 test results.
5. For LTE B41/42 support PC2&PC3 ,The PC2&PC3 have the same modulation, EIRP power and BW. Therefore, the report only performed Higher Conducted power (PC2) test results.
6. For LTE B41 the test country code is set to MCC 310.

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.	DC Power Supply	GW Instek	GPE-2323	N/A	N/A	N/A
2.	System Simulator	Anritsu	MT8821C	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 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5

LTE Band 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5

LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5

LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3

LTE Band 26 Channel and Frequency List (Part22H)				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
15	Channel	26865	26915	26965
	Frequency	831.5	836.5	841.5
10	Channel	26840	26915	26990
	Frequency	829.0	836.5	844.0
5	Channel	26815	26915	27015
	Frequency	826.5	836.5	846.5
3	Channel	26805	26915	27025
	Frequency	825.5	836.5	847.5
1.4	Channel	26797	26915	27033
	Frequency	824.7	836.5	848.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	26765	-	-
	Frequency	821.5	-	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-

LTE Band 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

LTE Band 38 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	37850	38000	38150
	Frequency	2580.0	2595.0	2610.0
15	Channel	37825	38000	38175
	Frequency	2577.5	2595.0	2612.5
10	Channel	37800	38000	38200
	Frequency	2575.0	2595.0	2615.0
5	Channel	37775	38000	38225
	Frequency	2572.5	2595.0	2617.5

LTE Band 41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	39750	40620	41490
	Frequency	2506.0	2593.0	2680.0
15	Channel	39725	40620	41515
	Frequency	2503.5	2593.0	2682.5
10	Channel	39700	40620	41540
	Frequency	2501.0	2593.0	2685.0
5	Channel	39675	40620	41565
	Frequency	2498.5	2593.0	2687.5

LTE Band 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	42190	42590	42990
	Frequency	3460	3500	3540
15	Channel	42165	42590	43015
	Frequency	3457.5	3500	3542.5
10	Channel	42140	42590	43040
	Frequency	3455	3500	3545
5	Channel	42115	42590	43065
	Frequency	3452.5	3500	3547.5

LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	44690	45090	45490
	Frequency	3710	3750	3790
15	Channel	44665	45090	45515
	Frequency	3707.5	3750	3792.5
10	Channel	44640	45090	45540
	Frequency	3705	3750	3795
5	Channel	44615	45090	45565
	Frequency	3702.5	3750	3797.5

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 70 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
15	Channel	-	133047	-
	Frequency	-	1702.5	-
10	Channel	133022	133047	133072
	Frequency	1700	1702.5	1705
5	Channel	132997	133047	133097
	Frequency	1697.5	1702.5	1707.5

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133297	133422
	Frequency	668.0	680.5	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5

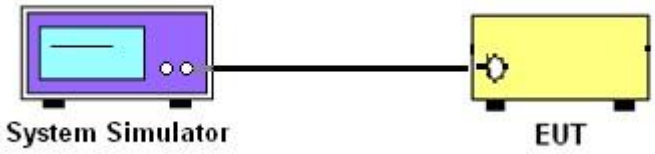
3 Conducted Test Items

3.1 Measuring Instruments

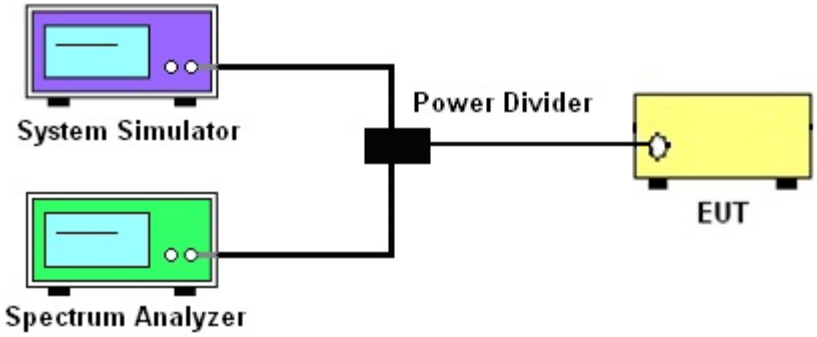
See list of measuring instruments of this test report.

3.1.1 Test Setup

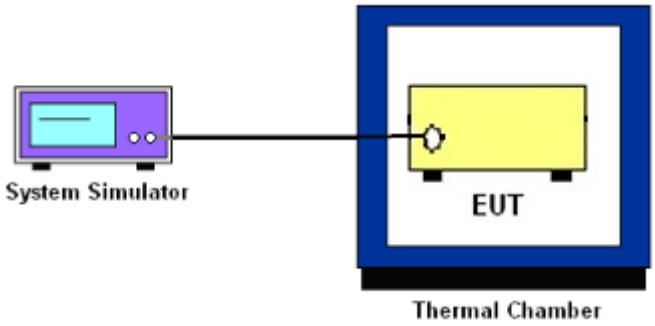
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge, Emission Mask 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, Band 26 (Part 22H)

The output power of mobile transmitters must not exceed 100 Watts for LTE Band 26 (Part 90S)

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 13, Band 14, Band 17, Band 71

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2, Band 25, Band 7, Band 38, Band 41

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 4, Band 66, Band 70, Band 42, Band 43

The EIRP of mobile transmitters must not exceed 250mW/5MHz for LTE Band 30

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 (c)

For operations in the 776-788 MHz band, the FCC limit is 43 + $10\log_{10}$(P[Watts]) dB below the transmitter power P(Watts) in a 100 kHz bandwidth. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed. In addition, the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least 65 + 10 log10 p(watts), dB, for mobile and portable equipment.

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.

27.53 (a)(4)

For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz.

(ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz.

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

27.53 (l)(2)

For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

27.53 (n)(2)

For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz 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, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

90.543(e)

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.
(2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.
(3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

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.

3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 14

Transmitters designed must meet the emission mask comply with the emission mask provisions of FCC Part 90.210(n).

For LTE Band 26

Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of FCC Part 90.691

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The power of the modulated signal was measured on a spectrum analyzer using an RMS and 10 second sweep time in order to maximize the level.
3. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

For LTE Band 26

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The emissions mask of low and high channels for the highest RF powers were measured.
3. Set RBW and VBW 3 times of RBW to make the measurement with the spectrum analyzer's, and according to KDB 971168 D02 Misc Rev Approve License Devices v02r01 standards, set RBW = 300 Hz to make offsets less than 37.5 kHz from a channel edge , RBW = 100 kHz to make offsets greater than 37.5 kHz, that is allowed.
4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

3.7 Conducted Spurious Emission

3.7.1 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 30

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 70 + 10 log (P) dB.

For LTE Band 7, 38, 41

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 10^{th} harmonic.

3.7.2 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 conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GH, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.8 Frequency Stability

3.8.1 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.

3.8.2 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.

3.8.3 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.

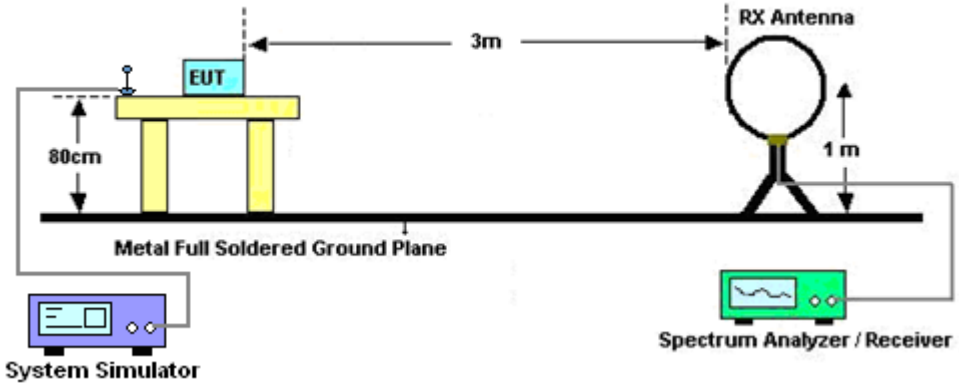
4 Radiated Test Items

4.1 Measuring Instruments

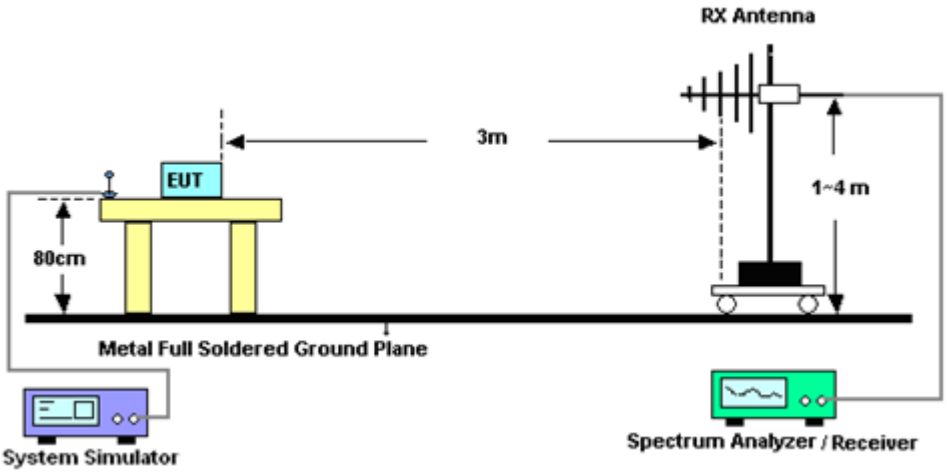
See list of measuring instruments of this test report.

4.1.1 Test Setup

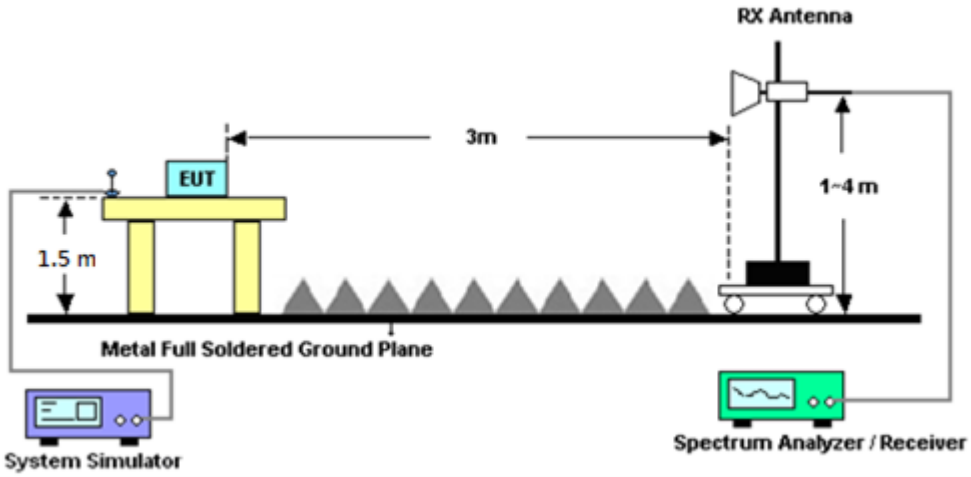
For radiated test below 30MHz



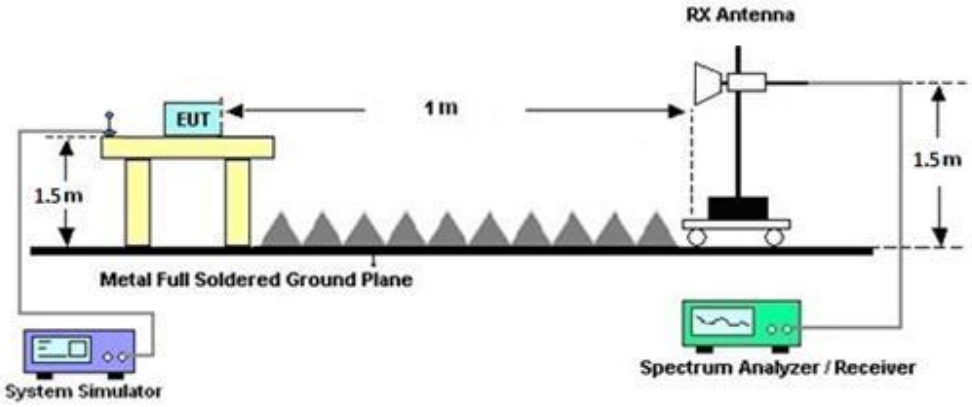
For radiated test from 30MHz to 1GHz



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 C63.26-2015.

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, 38, 41

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.

For LTE Band 13

For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to −70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and −80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

For LTE Band 30

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 70 + 10 log (P) dB.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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 C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

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. To convert spectrum reading E(dBuV/m) to EIRP(dBm)

   EIRP(dBm) = Level (dBuV/m) + 20log(d) -104.77,

   where d is the distance at which filed strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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	Aug. 29, 2024	Aug. 31, 2024~ Nov. 19, 2024	Aug. 28, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Aug. 31, 2024~ Nov. 19, 2024	Feb. 03, 2025	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 11, 2024	Aug. 31, 2024~ Nov. 19, 2024	Jul. 10, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jun. 24, 2024	Aug. 31, 2024~ Oct. 25, 2024	Jun. 23, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1230	18GHz~40GHz	Oct. 25, 2024	Oct. 26, 2024~ Nov. 19, 2024	Oct. 24, 2025	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 28, 2023	Aug. 31, 2024~ Sep. 26, 2024	Sep. 27, 2024	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 27, 2024	Sep. 27, 2024~ Nov. 19, 2024	Sep. 26, 2025	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 23, 2024	Aug. 31, 2024~ Nov. 19, 2024	Aug. 22, 2025	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200845	10Hz~44GHz	May 13, 2024	Aug. 31, 2024~ Sep. 06, 2024	May 12, 2025	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY6217358	10Hz~44GHz	Sep. 06, 2024	Sep. 07, 2024~ Nov. 19, 2024	Sep. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Aug. 31, 2024~ Nov. 19, 2024	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,804612/2,803954/2	30MHz~40GHz	Aug. 12, 2024	Aug. 31, 2024~ Nov. 19, 2024	Aug. 11, 2025	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 30, 2023	Aug. 31, 2024~ Oct. 20, 2024	Oct. 29, 2024	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2024	Oct. 21, 2024~ Nov. 19, 2024	Oct. 20, 2025	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Aug. 31, 2024~ Nov. 19, 2024	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Aug. 31, 2024~ Nov. 19, 2024	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Aug. 31, 2024~ Nov. 19, 2024	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Aug. 31, 2024~ Nov. 19, 2024	N/A	Radiation (03CH21-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 03, 2023	Sep. 30, 2024~ Oct. 01, 2024	Oct. 02, 2024	Conducted (TH03-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Oct. 01, 2024~ Nov. 20, 2024	Sep. 01, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 06, 2024	Sep. 30, 2024~ Nov. 20, 2024	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Nov. 28, 2023	Sep. 30, 2024~ Nov. 20, 2024	Nov. 27, 2024	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 02, 2024	Sep. 30, 2024~ Nov. 20, 2024	Jan. 01, 2025	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Sep. 30, 2024~ Nov. 20, 2024	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Sep. 30, 2024~ Nov. 20, 2024	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Sep. 30, 2024~ Nov. 20, 2024	N/A	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP210073	-10 ~ 50°C / 20 ~ 95%RH	Jun. 05, 2024	Sep. 30, 2024~ Nov. 20, 2024	Jun. 04, 2025	Conducted (TH03-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.04 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.33 dB**

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

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

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.90	24.04	23.95	32.04	1.5996
20	1	49		23.91	23.89	23.87		
20	1	99		23.90	23.86	23.92		
20	50	0		22.95	22.92	22.93		
20	50	24		23.04	23.07	23.02		
20	50	50		23.02	23.03	22.95		
20	100	0		23.00	22.97	22.89		
20	1	0	16-QAM	23.40	22.93	23.36	31.49	1.4093
20	1	49		23.24	23.17	23.13		
20	1	99		23.24	23.10	23.49		
20	50	0		22.01	22.05	22.01		
20	50	24		22.06	21.92	22.03		
20	50	50		21.95	21.98	22.06		
20	100	0		21.95	22.03	21.97		
20	1	0	64-QAM	22.08	22.11	22.31	30.31	1.0740
20	1	49		21.90	22.05	22.18		
20	1	99		22.12	22.24	21.95		
20	50	0		20.89	20.99	21.03		
20	50	24		20.98	21.07	21.08		
20	50	50		20.98	21.01	21.02		
20	100	0		20.88	21.00	20.96		
20	1	0	256-QAM	18.78	18.87	18.84	27.17	0.5212
20	1	49		19.14	19.17	19.15		
20	1	99		18.96	18.92	18.79		
20	50	0		18.91	18.83	18.84		
20	50	24		18.97	19.00	18.99		
20	50	50		18.89	18.89	18.95		
20	100	0		18.92	18.97	18.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.85	23.75	23.95	31.95	1.5668
15	1	37		23.72	23.76	23.94		
15	1	74		23.90	23.66	23.84		
15	36	0		22.79	22.83	22.78		
15	36	20		22.93	23.01	22.90		
15	36	39		22.96	22.88	22.93		
15	75	0		22.87	22.94	22.89		
15	1	0	16-QAM	23.38	22.84	23.16	31.38	1.3740
15	1	37		23.06	23.14	22.97		
15	1	74		23.12	23.08	23.35		
15	36	0		21.89	21.91	21.94		
15	36	20		22.01	21.78	21.96		
15	36	39		21.93	21.87	21.91		
15	75	0		21.76	21.86	21.81		
15	1	0	64-QAM	21.95	22.06	22.24	30.24	1.0568
15	1	37		21.78	21.86	22.05		
15	1	74		22.12	22.18	21.88		
15	36	0		20.76	20.80	21.01		
15	36	20		20.87	20.96	20.89		
15	36	39		20.92	20.94	21.00		
15	75	0		20.81	20.93	20.93		
15	1	0	256-QAM	18.72	18.86	18.82	27.14	0.5176
15	1	37		19.14	19.02	19.04		
15	1	74		18.82	18.80	18.63		
15	36	0		18.73	18.83	18.70		
15	36	20		18.78	19.00	18.96		
15	36	39		18.74	18.87	18.94		
15	75	0		18.73	18.97	18.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.77	23.66	23.91	31.92	1.5560
10	1	25		23.85	23.70	23.92		
10	1	49		23.81	23.71	23.74		
10	25	0		22.76	22.90	22.73		
10	25	12		22.86	22.98	22.93		
10	25	25		22.94	22.91	22.91		
10	50	0		23.00	22.92	22.81		
10	1	0	16-QAM	23.33	22.88	23.33	31.47	1.4028
10	1	25		23.15	23.16	23.05		
10	1	49		23.21	23.00	23.47		
10	25	0		21.93	21.95	21.99		
10	25	12		21.90	21.72	22.00		
10	25	25		21.84	21.98	21.95		
10	50	0		21.88	21.95	21.96		
10	1	0	64-QAM	22.02	22.06	22.23	30.23	1.0544
10	1	25		21.75	21.86	21.99		
10	1	49		21.99	22.05	21.83		
10	25	0		20.88	20.95	20.86		
10	25	12		20.97	20.90	20.97		
10	25	25		20.92	21.01	20.98		
10	50	0		20.79	20.89	20.91		
10	1	0	256-QAM	18.70	18.67	18.69	27.17	0.5212
10	1	25		19.14	19.17	18.96		
10	1	49		18.88	18.89	18.76		
10	25	0		18.77	18.80	18.78		
10	25	12		18.80	18.93	18.84		
10	25	25		18.89	18.72	18.75		
10	50	0		18.72	18.83	18.80		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.87	23.75	23.92	32.01	1.5885
5	1	12		23.91	23.78	24.01		
5	1	24		23.74	23.86	23.83		
5	12	0		22.84	22.85	22.84		
5	12	7		22.93	22.89	22.99		
5	12	13		22.97	22.83	22.78		
5	25	0		22.89	22.84	22.81		
5	1	0	16-QAM	23.35	22.83	23.24	31.47	1.4028
5	1	12		23.16	23.15	23.12		
5	1	24		23.19	23.07	23.47		
5	12	0		22.00	22.05	21.92		
5	12	7		21.87	21.92	21.86		
5	12	13		21.95	21.91	21.86		
5	25	0		21.79	21.90	21.91		
5	1	0	64-QAM	22.00	22.09	22.21	30.21	1.0495
5	1	12		21.72	21.89	22.15		
5	1	24		21.95	22.08	21.79		
5	12	0		20.86	20.81	21.03		
5	12	7		20.78	21.07	20.88		
5	12	13		20.87	20.98	20.96		
5	25	0		20.74	20.98	20.89		
5	1	0	256-QAM	18.70	18.70	18.82	27.11	0.5140
5	1	12		19.09	19.08	19.11		
5	1	24		18.91	18.72	18.66		
5	12	0		18.78	18.76	18.80		
5	12	7		18.82	18.88	18.93		
5	12	13		18.88	18.78	18.78		
5	25	0		18.89	18.79	18.92		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.79	23.64	23.91	31.97	1.5740
3	1	8		23.89	23.72	23.97		
3	1	14		23.82	23.80	23.82		
3	8	0		22.82	22.75	22.89		
3	8	4		22.92	22.99	22.85		
3	8	7		23.01	22.87	22.77		
3	15	0		22.80	22.89	22.83		
3	1	0	16-QAM	23.38	22.73	23.31	31.38	1.3740
3	1	8		23.13	23.05	23.08		
3	1	14		23.07	23.09	23.34		
3	8	0		22.01	21.95	22.01		
3	8	4		21.90	21.90	21.97		
3	8	7		21.85	21.78	21.92		
3	15	0		21.82	21.90	21.77		
3	1	0	64-QAM	21.96	22.09	22.29	30.29	1.0691
3	1	8		21.71	21.94	22.16		
3	1	14		22.04	22.22	21.77		
3	8	0		20.83	20.88	20.95		
3	8	4		20.90	20.94	21.00		
3	8	7		20.78	21.00	20.93		
3	15	0		20.71	20.82	20.87		
3	1	0	256-QAM	18.73	18.79	18.82	27.13	0.5164
3	1	8		19.08	19.03	19.13		
3	1	14		18.80	18.85	18.76		
3	8	0		18.74	18.64	18.77		
3	8	4		18.97	18.88	18.94		
3	8	7		18.86	18.73	18.86		
3	15	0		18.83	18.87	18.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.87	23.72	23.80	31.92	1.5560
1.4	1	3		23.84	23.75	23.87		
1.4	1	5		23.88	23.70	23.77		
1.4	3	0		23.79	23.77	23.92		
1.4	3	1		23.75	23.75	23.88		
1.4	3	3		23.86	23.76	23.75		
1.4	6	0		22.94	22.78	22.87		
1.4	1	0	16-QAM	22.97	22.91	22.99	31.46	1.3996
1.4	1	3		22.86	22.86	22.83		
1.4	1	5		22.97	22.88	22.86		
1.4	3	0		23.29	22.73	23.28		
1.4	3	1		23.24	22.97	23.08		
1.4	3	3		23.15	23.05	23.46		
1.4	6	0		21.85	21.86	21.84		
1.4	1	0	64-QAM	21.96	21.82	21.87	30.21	1.0495
1.4	1	3		21.87	21.98	21.96		
1.4	1	5		21.75	21.97	21.86		
1.4	3	0		21.92	21.92	22.21		
1.4	3	1		21.80	21.97	22.06		
1.4	3	3		22.07	22.18	21.91		
1.4	6	0		20.79	20.84	20.94		
1.4	1	0	256-QAM	18.59	18.84	18.83	27.07	0.5093
1.4	1	3		18.97	19.07	18.95		
1.4	1	5		18.76	18.79	18.64		
1.4	3	0		18.71	18.78	18.67		
1.4	3	1		18.87	18.88	18.79		
1.4	3	3		18.84	18.86	18.91		
1.4	6	0		18.72	18.79	18.90		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.75	24.03	23.84	32.03	1.5959
20	1	49		23.83	23.89	23.90		
20	1	99		23.61	23.96	23.60		
20	50	0		22.80	22.81	22.83		
20	50	24		22.94	22.95	22.93		
20	50	50		22.90	22.91	22.91		
20	100	0		22.92	22.95	22.88		
20	1	0	16-QAM	23.19	23.41	23.43	31.49	1.4093
20	1	49		23.49	23.23	23.01		
20	1	99		23.32	23.24	23.16		
20	50	0		21.81	21.91	21.90		
20	50	24		21.96	22.00	21.94		
20	50	50		22.01	21.89	21.91		
20	100	0		21.93	21.93	21.95		
20	1	0	64-QAM	22.00	22.01	21.96	30.20	1.0471
20	1	49		22.09	22.02	21.98		
20	1	99		21.94	22.20	21.97		
20	50	0		20.83	20.80	20.81		
20	50	24		20.91	20.94	20.91		
20	50	50		20.88	20.95	20.83		
20	100	0		20.91	20.90	20.85		
20	1	0	256-QAM	18.85	18.97	18.76	27.11	0.5140
20	1	49		18.96	19.11	18.94		
20	1	99		18.90	18.68	18.77		
20	50	0		18.81	18.92	18.80		
20	50	24		18.89	18.96	18.85		
20	50	50		18.80	18.89	18.82		
20	100	0		18.83	18.85	18.87		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.67	23.90	23.71	31.90	1.5488
15	1	37		23.63	23.86	23.90		
15	1	74		23.52	23.76	23.53		
15	36	0		22.69	22.76	22.64		
15	36	20		22.85	22.81	22.88		
15	36	39		22.90	22.83	22.88		
15	75	0		22.73	22.82	22.83		
15	1	0	16-QAM	23.15	23.26	23.37	31.37	1.3709
15	1	37		23.33	23.06	22.98		
15	1	74		23.31	23.17	23.05		
15	36	0		21.63	21.80	21.81		
15	36	20		21.85	21.93	21.84		
15	36	39		21.90	21.81	21.80		
15	75	0		21.93	21.76	21.91		
15	1	0	64-QAM	21.98	21.90	21.82	30.15	1.0351
15	1	37		22.07	22.02	21.81		
15	1	74		21.93	22.15	21.81		
15	36	0		20.77	20.75	20.76		
15	36	20		20.89	20.74	20.75		
15	36	39		20.83	20.76	20.82		
15	75	0		20.90	20.85	20.78		
15	1	0	256-QAM	18.65	18.87	18.68	26.99	0.5000
15	1	37		18.80	18.99	18.81		
15	1	74		18.84	18.59	18.58		
15	36	0		18.64	18.91	18.61		
15	36	20		18.70	18.90	18.68		
15	36	39		18.60	18.79	18.77		
15	75	0		18.73	18.81	18.80		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.71	24.01	23.71	32.01	1.5885
10	1	25		23.78	23.69	23.86		
10	1	49		23.60	23.83	23.54		
10	25	0		22.65	22.62	22.63		
10	25	12		22.92	22.78	22.81		
10	25	25		22.75	22.82	22.73		
10	50	0		22.84	22.87	22.84		
10	1	0	16-QAM	23.11	23.24	23.34	31.49	1.4093
10	1	25		23.49	23.06	22.81		
10	1	49		23.23	23.15	22.99		
10	25	0		21.66	21.83	21.88		
10	25	12		21.85	21.91	21.74		
10	25	25		21.82	21.79	21.84		
10	50	0		21.86	21.74	21.80		
10	1	0	64-QAM	21.83	21.87	21.83	30.11	1.0257
10	1	25		22.03	21.86	21.85		
10	1	49		21.93	22.11	21.91		
10	25	0		20.64	20.66	20.75		
10	25	12		20.76	20.78	20.82		
10	25	25		20.73	20.86	20.76		
10	50	0		20.84	20.70	20.78		
10	1	0	256-QAM	18.68	18.83	18.75	27.05	0.5070
10	1	25		18.81	19.05	18.78		
10	1	49		18.74	18.63	18.66		
10	25	0		18.76	18.87	18.67		
10	25	12		18.74	18.86	18.75		
10	25	25		18.62	18.81	18.70		
10	50	0		18.64	18.77	18.77		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.75	23.91	23.72	31.91	1.5524
5	1	12		23.69	23.71	23.79		
5	1	24		23.41	23.86	23.49		
5	12	0		22.66	22.74	22.71		
5	12	7		22.78	22.79	22.92		
5	12	13		22.86	22.83	22.83		
5	25	0		22.85	22.77	22.74		
5	1	0	16-QAM	23.17	23.41	23.36	31.41	1.3836
5	1	12		23.40	23.16	22.84		
5	1	24		23.25	23.16	23.09		
5	12	0		21.73	21.79	21.81		
5	12	7		21.85	21.84	21.94		
5	12	13		21.96	21.78	21.74		
5	25	0		21.84	21.89	21.84		
5	1	0	64-QAM	21.99	21.94	21.93	30.18	1.0423
5	1	12		22.04	22.00	21.92		
5	1	24		21.77	22.18	21.91		
5	12	0		20.66	20.77	20.76		
5	12	7		20.79	20.91	20.91		
5	12	13		20.73	20.91	20.78		
5	25	0		20.73	20.87	20.65		
5	1	0	256-QAM	18.65	18.84	18.76	27.06	0.5082
5	1	12		18.77	19.06	18.89		
5	1	24		18.75	18.59	18.59		
5	12	0		18.75	18.75	18.66		
5	12	7		18.86	18.96	18.80		
5	12	13		18.66	18.83	18.69		
5	25	0		18.74	18.79	18.67		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.65	23.87	23.64	31.87	1.5382
3	1	8		23.79	23.70	23.74		
3	1	14		23.42	23.78	23.51		
3	8	0		22.70	22.81	22.71		
3	8	4		22.91	22.77	22.84		
3	8	7		22.77	22.84	22.81		
3	15	0		22.84	22.76	22.83		
3	1	0	16-QAM	23.18	23.26	23.39	31.43	1.3900
3	1	8		23.43	23.06	22.86		
3	1	14		23.16	23.06	22.97		
3	8	0		21.79	21.80	21.76		
3	8	4		21.85	21.81	21.75		
3	8	7		21.93	21.82	21.80		
3	15	0		21.81	21.78	21.87		
3	1	0	64-QAM	21.86	21.88	21.80	30.08	1.0186
3	1	8		22.08	21.89	21.87		
3	1	14		21.89	22.01	21.93		
3	8	0		20.68	20.75	20.81		
3	8	4		20.77	20.93	20.84		
3	8	7		20.73	20.82	20.79		
3	15	0		20.89	20.87	20.82		
3	1	0	256-QAM	18.73	18.94	18.59	27.09	0.5117
3	1	8		18.77	19.09	18.77		
3	1	14		18.79	18.53	18.59		
3	8	0		18.79	18.80	18.72		
3	8	4		18.89	18.93	18.77		
3	8	7		18.68	18.77	18.80		
3	15	0		18.63	18.83	18.67		
Limit	EIRP < 2W			Result			Pass	

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.63	23.83	23.77	31.94	1.5631
1.4	1	3		23.75	23.87	23.73		
1.4	1	5		23.46	23.90	23.44		
1.4	3	0		23.67	23.87	23.81		
1.4	3	1		23.64	23.78	23.77		
1.4	3	3		23.57	23.94	23.52		
1.4	6	0		22.78	22.63	22.78		
1.4	1	0	16-QAM	22.92	22.89	22.93	31.41	1.3836
1.4	1	3		22.75	22.89	22.81		
1.4	1	5		22.77	22.76	22.86		
1.4	3	0		23.09	23.41	23.34		
1.4	3	1		23.32	23.18	22.86		
1.4	3	3		23.27	23.09	23.10		
1.4	6	0		21.68	21.84	21.76		
1.4	1	0	64-QAM	21.93	21.93	21.76	30.02	1.0046
1.4	1	3		21.93	21.82	21.89		
1.4	1	5		21.87	21.83	21.86		
1.4	3	0		21.92	21.95	21.84		
1.4	3	1		21.92	21.90	21.80		
1.4	3	3		21.80	22.02	21.86		
1.4	6	0		20.72	20.70	20.76		
1.4	1	0	256-QAM	18.67	18.92	18.73	27.04	0.5058
1.4	1	3		18.89	19.04	18.86		
1.4	1	5		18.88	18.52	18.61		
1.4	3	0		18.66	18.88	18.78		
1.4	3	1		18.69	18.79	18.73		
1.4	3	3		18.72	18.76	18.73		
1.4	6	0		18.80	18.66	18.79		
Limit	EIRP < 2W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.02	24.30	24.10	29.30	0.8511
20	1	49		24.08	24.15	24.20		
20	1	99		24.07	23.99	24.04		
20	50	0		23.25	23.15	23.04		
20	50	24		23.25	23.25	23.20		
20	50	50		23.21	23.20	23.14		
20	100	0		23.22	23.19	23.19		
20	1	0	16-QAM	23.46	23.42	23.40	28.48	0.7047
20	1	49		23.45	23.39	23.48		
20	1	99		23.42	23.31	23.33		
20	50	0		22.28	22.27	22.15		
20	50	24		22.32	22.24	22.23		
20	50	50		22.20	22.23	22.19		
20	100	0		22.25	22.19	22.16		
20	1	0	64-QAM	22.39	22.30	22.45	27.48	0.5598
20	1	49		22.48	22.48	22.36		
20	1	99		22.30	22.38	22.19		
20	50	0		21.28	21.13	21.13		
20	50	24		21.32	21.27	21.19		
20	50	50		21.25	21.15	21.17		
20	100	0		21.22	21.18	21.22		
20	1	0	256-QAM	19.13	19.05	19.08	24.43	0.2773
20	1	49		19.43	19.37	19.30		
20	1	99		19.20	19.07	19.00		
20	50	0		19.16	19.13	19.20		
20	50	24		19.33	19.27	19.26		
20	50	50		19.22	19.14	19.06		
20	100	0		19.22	19.20	19.13		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.87	24.05	23.91	29.15	0.8222
15	1	37		23.91	24.03	24.15		
15	1	74		24.07	23.79	23.98		
15	36	0		23.16	23.14	22.89		
15	36	20		23.25	23.14	23.04		
15	36	39		23.20	23.14	23.10		
15	75	0		23.18	23.13	23.07		
15	1	0	16-QAM	23.34	23.23	23.24	28.35	0.6839
15	1	37		23.25	23.33	23.35		
15	1	74		23.24	23.18	23.14		
15	36	0		22.16	22.11	22.01		
15	36	20		22.12	22.17	22.16		
15	36	39		22.03	22.11	22.09		
15	75	0		22.22	22.01	22.08		
15	1	0	64-QAM	22.24	22.20	22.33	27.44	0.5546
15	1	37		22.44	22.35	22.19		
15	1	74		22.11	22.22	22.05		
15	36	0		21.11	20.97	21.12		
15	36	20		21.13	21.22	21.13		
15	36	39		21.18	21.01	21.01		
15	75	0		21.06	21.06	21.03		
15	1	0	256-QAM	19.03	18.97	19.02	24.37	0.2735
15	1	37		19.37	19.28	19.12		
15	1	74		19.14	18.90	18.89		
15	36	0		19.02	19.12	19.05		
15	36	20		19.33	19.08	19.08		
15	36	39		19.16	18.99	18.88		
15	75	0		19.14	19.17	19.08		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.88	24.16	24.01	29.16	0.8241
10	1	25		24.05	24.01	24.12		
10	1	49		23.95	23.88	23.87		
10	25	0		23.05	23.05	23.03		
10	25	12		23.08	23.20	23.01		
10	25	25		23.08	23.13	23.13		
10	50	0		23.15	23.19	23.06		
10	1	0	16-QAM	23.34	23.35	23.20	28.45	0.6998
10	1	25		23.45	23.33	23.43		
10	1	49		23.25	23.28	23.28		
10	25	0		22.12	22.12	22.05		
10	25	12		22.26	22.15	22.16		
10	25	25		22.09	22.16	22.07		
10	50	0		22.23	22.02	22.12		
10	1	0	64-QAM	22.21	22.16	22.36	27.40	0.5495
10	1	25		22.40	22.29	22.20		
10	1	49		22.30	22.34	22.17		
10	25	0		21.24	21.04	21.11		
10	25	12		21.18	21.22	21.00		
10	25	25		21.08	21.06	20.97		
10	50	0		21.21	20.98	21.06		
10	1	0	256-QAM	19.01	18.98	18.99	24.43	0.2773
10	1	25		19.43	19.17	19.12		
10	1	49		19.20	18.98	18.98		
10	25	0		19.04	19.09	19.09		
10	25	12		19.31	19.15	19.07		
10	25	25		19.13	19.11	18.87		
10	50	0		19.08	19.17	18.95		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.84	24.13	24.01	29.27	0.8453
5	1	12		24.07	23.97	24.27		
5	1	24		23.93	23.87	24.04		
5	12	0		23.22	23.03	22.85		
5	12	7		23.09	23.22	23.02		
5	12	13		23.07	23.05	23.12		
5	25	0		23.02	23.06	23.13		
5	1	0	16-QAM	23.33	23.33	23.25	28.36	0.6855
5	1	12		23.36	23.32	23.33		
5	1	24		23.30	23.19	23.20		
5	12	0		22.08	22.16	22.08		
5	12	7		22.15	22.20	22.10		
5	12	13		22.14	22.06	22.09		
5	25	0		22.09	21.99	21.97		
5	1	0	64-QAM	22.39	22.28	22.35	27.39	0.5483
5	1	12		22.36	22.34	22.30		
5	1	24		22.24	22.22	22.02		
5	12	0		21.09	21.07	21.13		
5	12	7		21.24	21.14	21.16		
5	12	13		21.14	21.11	21.10		
5	25	0		21.17	21.16	21.05		
5	1	0	256-QAM	19.13	19.00	18.96	24.35	0.2723
5	1	12		19.35	19.34	19.29		
5	1	24		19.09	19.05	18.89		
5	12	0		19.03	19.03	19.05		
5	12	7		19.31	19.17	19.15		
5	12	13		19.21	19.04	18.94		
5	25	0		19.13	19.11	19.02		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.89	24.14	23.98	29.21	0.8337
3	1	8		24.02	24.14	24.21		
3	1	14		23.96	23.89	23.92		
3	8	0		23.13	23.07	22.86		
3	8	4		23.24	23.25	23.06		
3	8	7		23.11	23.15	23.02		
3	15	0		23.04	23.10	23.15		
3	1	0	16-QAM	23.39	23.26	23.36	28.39	0.6902
3	1	8		23.32	23.24	23.29		
3	1	14		23.25	23.21	23.33		
3	8	0		22.24	22.15	21.96		
3	8	4		22.21	22.19	22.05		
3	8	7		22.08	22.05	21.99		
3	15	0		22.07	22.05	21.96		
3	1	0	64-QAM	22.21	22.13	22.44	27.48	0.5598
3	1	8		22.35	22.48	22.21		
3	1	14		22.18	22.29	22.14		
3	8	0		21.17	20.98	20.95		
3	8	4		21.25	21.17	21.02		
3	8	7		21.08	20.98	20.99		
3	15	0		21.04	21.01	21.12		
3	1	0	256-QAM	18.95	18.95	18.93	24.30	0.2692
3	1	8		19.30	19.20	19.16		
3	1	14		19.08	18.97	18.84		
3	8	0		19.05	19.12	19.15		
3	8	4		19.28	19.27	19.18		
3	8	7		19.12	18.97	19.05		
3	15	0		19.07	19.13	19.01		
Limit	EIRP < 1W			Result			Pass	

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.93	24.04	23.92	29.23	0.8375
1.4	1	3		23.95	24.06	24.08		
1.4	1	5		23.95	23.89	24.00		
1.4	3	0		23.93	24.19	24.08		
1.4	3	1		24.03	24.13	24.23		
1.4	3	3		24.03	23.84	23.99		
1.4	6	0		23.21	22.98	22.93		
1.4	1	0	16-QAM	23.25	23.13	23.01	28.38	0.6887
1.4	1	3		23.05	23.12	23.09		
1.4	1	5		23.02	23.17	23.16		
1.4	3	0		23.38	23.24	23.31		
1.4	3	1		23.35	23.35	23.28		
1.4	3	3		23.31	23.13	23.22		
1.4	6	0		22.25	22.22	22.03		
1.4	1	0	64-QAM	22.14	22.05	22.08	27.43	0.5534
1.4	1	3		22.12	22.10	22.11		
1.4	1	5		22.25	22.02	22.05		
1.4	3	0		22.19	22.23	22.28		
1.4	3	1		22.41	22.43	22.17		
1.4	3	3		22.14	22.32	22.18		
1.4	6	0		21.22	20.94	21.08		
1.4	1	0	256-QAM	18.94	18.98	18.97	24.33	0.2710
1.4	1	3		19.33	19.27	19.30		
1.4	1	5		19.04	18.90	18.96		
1.4	3	0		19.13	19.02	19.15		
1.4	3	1		19.32	19.26	19.11		
1.4	3	3		19.19	19.10	19.05		
1.4	6	0		19.12	19.03	19.02		
Limit	EIRP < 1W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.11	24.24	24.14	28.09	0.6442
10	1	25		24.03	24.19	24.21		
10	1	49		24.04	24.14	24.16		
10	25	0		23.04	23.22	23.28		
10	25	12		23.15	23.24	23.29		
10	25	25		23.08	23.26	23.26		
10	50	0		23.13	23.24	23.33		
10	1	0	16-QAM	23.44	23.50	23.44	27.35	0.5433
10	1	25		23.33	23.45	23.48		
10	1	49		23.43	23.49	23.45		
10	25	0		22.06	22.21	22.25		
10	25	12		22.19	22.21	22.36		
10	25	25		22.05	22.28	22.26		
10	50	0		22.14	22.16	22.28		
10	1	0	64-QAM	22.43	22.36	22.39	26.33	0.4295
10	1	25		22.48	22.29	22.41		
10	1	49		22.42	22.42	22.36		
10	25	0		21.03	21.25	21.22		
10	25	12		21.14	21.26	21.33		
10	25	25		21.01	21.29	21.23		
10	50	0		21.09	21.17	21.34		
10	1	0	256-QAM	19.17	19.38	19.40	23.27	0.2123
10	1	25		19.24	19.34	19.29		
10	1	49		18.90	19.09	19.28		
10	25	0		19.10	19.28	19.37		
10	25	12		19.11	19.22	19.40		
10	25	25		19.07	19.20	19.33		
10	50	0		19.10	19.25	19.42		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.94	23.98	23.98	28.08	0.6427
5	1	12		23.91	24.00	24.23		
5	1	24		24.03	24.04	24.10		
5	12	0		22.95	23.16	23.14		
5	12	7		23.01	23.11	23.09		
5	12	13		22.94	23.26	23.13		
5	25	0		22.95	23.14	23.17		
5	1	0	16-QAM	23.32	23.45	23.40	27.30	0.5370
5	1	12		23.22	23.36	23.38		
5	1	24		23.35	23.44	23.45		
5	12	0		21.86	22.18	22.21		
5	12	7		22.15	22.08	22.27		
5	12	13		21.97	22.17	22.12		
5	25	0		22.09	22.00	22.11		
5	1	0	64-QAM	22.30	22.23	22.36	26.33	0.4295
5	1	12		22.48	22.19	22.30		
5	1	24		22.37	22.42	22.21		
5	12	0		20.87	21.14	21.08		
5	12	7		21.07	21.07	21.33		
5	12	13		20.93	21.13	21.22		
5	25	0		20.89	21.03	21.14		
5	1	0	256-QAM	19.01	19.29	19.28	23.22	0.2099
5	1	12		19.22	19.16	19.18		
5	1	24		18.77	18.95	19.10		
5	12	0		19.02	19.27	19.29		
5	12	7		19.02	19.22	19.37		
5	12	13		18.99	19.14	19.18		
5	25	0		18.99	19.14	19.32		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.98	24.00	24.10	28.04	0.6368
3	1	8		23.99	24.01	24.19		
3	1	14		23.93	23.99	24.10		
3	8	0		22.88	23.02	23.13		
3	8	4		23.14	23.19	23.22		
3	8	7		22.91	23.10	23.15		
3	15	0		22.95	23.10	23.17		
3	1	0	16-QAM	23.25	23.39	23.29	27.30	0.5370
3	1	8		23.23	23.45	23.44		
3	1	14		23.35	23.39	23.37		
3	8	0		22.03	22.08	22.24		
3	8	4		22.00	22.07	22.25		
3	8	7		22.05	22.14	22.23		
3	15	0		22.07	22.11	22.15		
3	1	0	64-QAM	22.30	22.28	22.25	26.26	0.4227
3	1	8		22.30	22.18	22.41		
3	1	14		22.28	22.37	22.21		
3	8	0		20.84	21.20	21.21		
3	8	4		20.97	21.18	21.15		
3	8	7		20.82	21.12	21.14		
3	15	0		21.00	21.07	21.27		
3	1	0	256-QAM	19.03	19.21	19.20	23.14	0.2061
3	1	8		19.14	19.27	19.15		
3	1	14		18.87	19.08	19.28		
3	8	0		19.07	19.12	19.18		
3	8	4		19.08	19.16	19.25		
3	8	7		18.91	19.10	19.28		
3	15	0		18.95	19.10	19.29		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.02	23.95	23.95	27.96	0.6252
1.4	1	3		23.97	24.10	24.11		
1.4	1	5		23.94	24.09	24.01		
1.4	3	0		24.01	23.93	24.00		
1.4	3	1		23.84	24.07	24.05		
1.4	3	3		23.91	24.05	24.00		
1.4	6	0		23.00	23.21	23.08		
1.4	1	0	16-QAM	22.99	23.22	23.09	27.32	0.5395
1.4	1	3		22.91	23.21	23.15		
1.4	1	5		23.04	23.12	23.13		
1.4	3	0		23.24	23.41	23.29		
1.4	3	1		23.14	23.31	23.47		
1.4	3	3		23.36	23.38	23.31		
1.4	6	0		21.95	22.01	22.05		
1.4	1	0	64-QAM	22.04	22.05	22.23	26.29	0.4256
1.4	1	3		22.04	22.18	22.06		
1.4	1	5		22.13	22.05	22.08		
1.4	3	0		22.23	22.34	22.24		
1.4	3	1		22.44	22.20	22.22		
1.4	3	3		22.30	22.26	22.33		
1.4	6	0		20.86	21.17	21.16		
1.4	1	0	256-QAM	19.01	19.30	19.27	23.26	0.2118
1.4	1	3		19.16	19.30	19.20		
1.4	1	5		18.85	19.06	19.26		
1.4	3	0		18.98	19.12	19.19		
1.4	3	1		19.03	19.16	19.23		
1.4	3	3		19.05	19.06	19.25		
1.4	6	0		18.90	19.06	19.41		
Limit	ERP < 7W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.39	23.11	22.98	31.19	1.3152
20	1	49		23.36	23.08	22.99		
20	1	99		23.37	22.97	23.25		
20	50	0		22.39	22.16	22.10		
20	50	24		22.38	22.16	22.01		
20	50	50		22.40	22.07	22.07		
20	100	0		22.35	22.14	22.01		
20	1	0	16-QAM	22.66	22.29	22.54	30.50	1.1220
20	1	49		22.56	22.14	22.59		
20	1	99		22.70	22.13	22.18		
20	50	0		21.31	21.14	21.07		
20	50	24		21.42	21.20	21.09		
20	50	50		21.43	21.10	21.17		
20	100	0		21.38	21.22	21.08		
20	1	0	64-QAM	21.43	21.42	21.30	29.40	0.8710
20	1	49		21.52	21.60	21.11		
20	1	99		21.35	21.15	21.37		
20	50	0		20.48	20.21	20.10		
20	50	24		20.50	20.30	20.11		
20	50	50		20.38	20.17	20.07		
20	100	0		20.42	20.17	20.03		
20	1	0	256-QAM	18.46	18.12	17.95	26.26	0.4227
20	1	49		18.46	18.27	18.16		
20	1	99		18.23	17.99	18.17		
20	50	0		18.33	18.13	18.07		
20	50	24		18.43	18.30	18.02		
20	50	50		18.32	18.12	18.04		
20	100	0		18.36	18.21	17.91		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.37	23.06	22.83	31.17	1.3092
15	1	37		23.26	23.04	22.94		
15	1	74		23.18	22.96	23.20		
15	36	0		22.35	21.97	22.09		
15	36	20		22.38	22.07	21.92		
15	36	39		22.28	21.98	22.00		
15	75	0		22.34	21.97	21.90		
15	1	0	16-QAM	22.61	22.28	22.34	30.41	1.0990
15	1	37		22.56	22.00	22.43		
15	1	74		22.52	22.00	22.07		
15	36	0		21.27	21.09	21.04		
15	36	20		21.34	21.17	20.99		
15	36	39		21.35	21.04	21.05		
15	75	0		21.22	21.09	20.88		
15	1	0	64-QAM	21.38	21.24	21.16	29.35	0.8610
15	1	37		21.37	21.55	20.95		
15	1	74		21.22	21.05	21.30		
15	36	0		20.31	20.21	19.90		
15	36	20		20.43	20.24	19.92		
15	36	39		20.35	20.14	19.94		
15	75	0		20.35	20.16	19.83		
15	1	0	256-QAM	18.42	18.05	17.89	26.22	0.4188
15	1	37		18.27	18.18	18.12		
15	1	74		18.07	17.82	17.97		
15	36	0		18.15	18.05	17.98		
15	36	20		18.36	18.21	17.92		
15	36	39		18.25	18.04	17.91		
15	75	0		18.31	18.02	17.80		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.26	22.92	22.98	31.15	1.3032
10	1	25		23.22	22.93	22.82		
10	1	49		23.35	22.94	23.16		
10	25	0		22.39	22.10	21.97		
10	25	12		22.19	21.96	21.87		
10	25	25		22.40	21.94	22.01		
10	50	0		22.25	22.02	21.98		
10	1	0	16-QAM	22.48	22.13	22.46	30.34	1.0814
10	1	25		22.38	21.99	22.54		
10	1	49		22.52	22.02	22.13		
10	25	0		21.16	21.03	21.04		
10	25	12		21.35	21.20	21.09		
10	25	25		21.27	20.94	20.98		
10	50	0		21.26	21.04	21.08		
10	1	0	64-QAM	21.31	21.33	21.28	29.20	0.8318
10	1	25		21.38	21.40	21.00		
10	1	49		21.25	20.96	21.31		
10	25	0		20.33	20.17	20.02		
10	25	12		20.41	20.13	20.09		
10	25	25		20.34	19.99	19.96		
10	50	0		20.25	20.13	19.86		
10	1	0	256-QAM	18.28	18.00	17.80	26.15	0.4121
10	1	25		18.35	18.07	18.01		
10	1	49		18.14	17.98	18.04		
10	25	0		18.13	17.96	17.93		
10	25	12		18.27	18.16	17.93		
10	25	25		18.13	17.92	17.89		
10	50	0		18.19	18.03	17.86		
Limit	EIRP < 2W			Result			Pass	

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.18	23.10	22.79	31.16	1.3062
5	1	12		23.36	22.98	22.96		
5	1	24		23.17	22.81	23.09		
5	12	0		22.24	21.99	22.01		
5	12	7		22.36	22.10	22.01		
5	12	13		22.33	21.87	22.06		
5	25	0		22.33	22.13	21.89		
5	1	0	16-QAM	22.54	22.12	22.43	30.36	1.0864
5	1	12		22.39	22.04	22.49		
5	1	24		22.56	22.02	22.14		
5	12	0		21.25	20.94	20.96		
5	12	7		21.40	21.02	20.94		
5	12	13		21.43	21.03	21.16		
5	25	0		21.38	21.11	21.08		
5	1	0	64-QAM	21.23	21.32	21.14	29.31	0.8531
5	1	12		21.38	21.51	20.93		
5	1	24		21.28	20.96	21.37		
5	12	0		20.42	20.04	20.01		
5	12	7		20.47	20.11	20.06		
5	12	13		20.38	20.08	19.98		
5	25	0		20.30	20.10	19.84		
5	1	0	256-QAM	18.40	18.06	17.87	26.22	0.4188
5	1	12		18.42	18.11	18.03		
5	1	24		18.09	17.80	18.17		
5	12	0		18.20	17.96	17.92		
5	12	7		18.34	18.26	17.96		
5	12	13		18.27	18.11	17.93		
5	25	0		18.32	18.01	17.82		
Limit	EIRP < 2W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.29	24.31	24.14	28.16	0.6546
10	1	25		24.30	24.18	24.06		
10	1	49		24.29	23.91	23.94		
10	25	0		23.27	23.13	23.16		
10	25	12		23.40	23.15	23.15		
10	25	25		23.39	23.11	23.08		
10	50	0		23.42	23.11	23.08		
10	1	0	16-QAM	23.49	23.50	23.48	27.35	0.5433
10	1	25		23.43	23.42	23.50		
10	1	49		23.48	23.36	23.44		
10	25	0		22.34	22.10	22.21		
10	25	12		22.45	22.06	22.17		
10	25	25		22.43	22.05	22.18		
10	50	0		22.45	22.12	22.17		
10	1	0	64-QAM	22.45	22.38	22.39	26.33	0.4295
10	1	25		22.48	22.42	22.28		
10	1	49		22.42	22.24	22.19		
10	25	0		21.33	21.06	21.14		
10	25	12		21.42	21.14	21.15		
10	25	25		21.39	21.11	21.08		
10	50	0		21.47	21.16	21.17		
10	1	0	256-QAM	19.38	19.19	19.30	23.34	0.2158
10	1	25		19.41	19.23	19.16		
10	1	49		19.28	19.08	19.28		
10	25	0		19.39	19.16	19.46		
10	25	12		19.39	19.14	19.49		
10	25	25		19.39	19.10	19.41		
10	50	0		19.37	19.10	19.47		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.25	23.82	24.04	28.10	0.6457
5	1	12		24.20	24.16	23.94		
5	1	24		24.16	23.91	23.77		
5	12	0		23.13	23.02	22.99		
5	12	7		23.32	22.95	22.98		
5	12	13		23.35	22.91	23.04		
5	25	0		23.34	23.03	22.98		
5	1	0	16-QAM	23.34	23.38	23.40	27.29	0.5358
5	1	12		23.24	23.42	23.33		
5	1	24		23.44	23.34	23.32		
5	12	0		22.16	21.99	22.05		
5	12	7		22.44	22.04	22.05		
5	12	13		22.40	22.03	22.16		
5	25	0		22.39	22.05	22.13		
5	1	0	64-QAM	22.29	22.23	22.39	26.24	0.4207
5	1	12		22.35	22.32	22.19		
5	1	24		22.39	22.09	22.13		
5	12	0		21.22	21.02	21.01		
5	12	7		21.27	21.09	20.97		
5	12	13		21.31	20.94	21.03		
5	25	0		21.43	21.03	21.02		
5	1	0	256-QAM	19.32	19.01	19.29	23.31	0.2143
5	1	12		19.24	19.15	19.10		
5	1	24		19.08	18.92	19.09		
5	12	0		19.31	19.06	19.46		
5	12	7		19.28	18.95	19.31		
5	12	13		19.38	19.04	19.25		
5	25	0		19.30	18.91	19.33		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.26	23.92	23.97	28.13	0.6501
3	1	8		24.28	24.14	23.99		
3	1	14		24.09	23.83	23.83		
3	8	0		23.15	22.95	23.05		
3	8	4		23.23	23.15	23.11		
3	8	7		23.39	22.93	23.06		
3	15	0		23.36	22.92	23.07		
3	1	0	16-QAM	23.34	23.39	23.48	27.33	0.5408
3	1	8		23.37	23.24	23.40		
3	1	14		23.29	23.19	23.41		
3	8	0		22.29	22.07	22.16		
3	8	4		22.37	21.95	22.03		
3	8	7		22.29	22.05	22.07		
3	15	0		22.26	21.94	22.14		
3	1	0	64-QAM	22.25	22.21	22.37	26.26	0.4227
3	1	8		22.33	22.40	22.15		
3	1	14		22.41	22.15	22.15		
3	8	0		21.30	20.90	21.00		
3	8	4		21.36	20.94	21.06		
3	8	7		21.28	20.99	21.01		
3	15	0		21.39	21.11	21.08		
3	1	0	256-QAM	19.20	19.09	19.19	23.25	0.2113
3	1	8		19.38	19.17	19.03		
3	1	14		19.09	19.05	19.27		
3	8	0		19.34	19.07	19.40		
3	8	4		19.28	19.03	19.36		
3	8	7		19.32	18.96	19.37		
3	15	0		19.21	18.96	19.30		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.11	23.95	24.09	28.15	0.6531
1.4	1	3		24.17	24.02	24.06		
1.4	1	5		24.12	23.75	23.74		
1.4	3	0		24.30	23.94	24.05		
1.4	3	1		24.11	24.09	24.02		
1.4	3	3		24.10	23.90	23.92		
1.4	6	0		23.10	23.03	23.07		
1.4	1	0	16-QAM	23.20	23.08	23.08	27.32	0.5395
1.4	1	3		23.22	22.91	22.97		
1.4	1	5		23.23	22.92	22.89		
1.4	3	0		23.47	23.46	23.28		
1.4	3	1		23.23	23.30	23.35		
1.4	3	3		23.29	23.22	23.30		
1.4	6	0		22.31	22.10	22.18		
1.4	1	0	64-QAM	22.36	21.87	22.03	26.23	0.4198
1.4	1	3		22.29	21.97	22.08		
1.4	1	5		22.37	21.98	22.09		
1.4	3	0		22.38	22.23	22.20		
1.4	3	1		22.28	22.34	22.20		
1.4	3	3		22.25	22.22	22.11		
1.4	6	0		21.24	20.94	21.04		
1.4	1	0	256-QAM	19.21	19.02	19.19	23.26	0.2118
1.4	1	3		19.38	19.14	19.12		
1.4	1	5		19.13	18.96	19.19		
1.4	3	0		19.19	19.15	19.41		
1.4	3	1		19.36	18.95	19.34		
1.4	3	3		19.37	19.00	19.23		
1.4	6	0		19.28	19.09	19.27		
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.25	-	28.10	0.6457
10	1	25			24.20			
10	1	49			24.15			
10	25	0			23.37			
10	25	12			23.39			
10	25	25			23.26			
10	50	0			23.34			
10	1	0	16-QAM		23.42		27.34	0.5420
10	1	25			23.49			
10	1	49			23.47			
10	25	0			22.40			
10	25	12			22.39			
10	25	25			22.30			
10	50	0			22.28			
10	1	0	64-QAM		22.46		26.31	0.4276
10	1	25			22.42			
10	1	49			22.35			
10	25	0			21.33			
10	25	12			21.46			
10	25	25			21.32			
10	50	0			21.34			
10	1	0	256-QAM		19.45		23.33	0.2153
10	1	25			19.28			
10	1	49			19.25			
10	25	0			19.47			
10	25	12			19.48			
10	25	25			19.25			
10	50	0			19.35			
Limit	ERP < 3W			Result			Pass	

LTE Band 13 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.88	24.23	24.00	28.08	0.6427
5	1	12		24.12	24.07	24.04		
5	1	24		23.99	23.99	23.99		
5	12	0		23.20	23.28	23.12		
5	12	7		23.32	23.25	23.19		
5	12	13		23.31	23.14	23.20		
5	25	0		23.24	23.23	23.06		
5	1	0	16-QAM	23.35	23.46	23.41	27.32	0.5395
5	1	12		23.47	23.39	23.42		
5	1	24		23.43	23.32	23.37		
5	12	0		22.20	22.32	22.22		
5	12	7		22.38	22.25	22.24		
5	12	13		22.26	22.15	22.17		
5	25	0		22.30	22.24	22.14		
5	1	0	64-QAM	22.14	22.47	22.41	26.32	0.4285
5	1	12		22.41	22.35	22.18		
5	1	24		22.28	22.21	22.01		
5	12	0		21.21	21.25	21.19		
5	12	7		21.43	21.24	21.16		
5	12	13		21.34	21.19	21.13		
5	25	0		21.30	21.22	21.13		
5	1	0	256-QAM	19.12	19.31	19.25	23.34	0.2158
5	1	12		19.49	19.26	19.27		
5	1	24		19.18	19.21	19.07		
5	12	0		19.18	19.25	19.17		
5	12	7		19.32	19.20	19.11		
5	12	13		19.20	19.13	19.07		
5	25	0		19.19	19.21	19.08		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.04	24.15	24.35	28.20	0.6607
10	1	25		24.04	24.07	24.33		
10	1	49		23.96	23.97	24.26		
10	25	0		23.06	23.08	23.44		
10	25	12		23.18	23.14	23.46		
10	25	25		23.06	23.05	23.31		
10	50	0		23.05	23.13	23.40		
10	1	0	16-QAM	23.38	23.41	23.49	27.34	0.5420
10	1	25		23.39	23.47	23.42		
10	1	49		23.45	23.49	23.44		
10	25	0		22.16	22.18	22.50		
10	25	12		22.20	22.09	22.41		
10	25	25		22.10	22.07	22.35		
10	50	0		22.06	22.08	22.40		
10	1	0	64-QAM	22.37	22.33	22.44	26.32	0.4285
10	1	25		22.32	22.39	22.42		
10	1	49		22.26	22.27	22.47		
10	25	0		21.14	21.05	21.46		
10	25	12		21.21	21.12	21.43		
10	25	25		21.03	21.07	21.31		
10	50	0		21.08	21.08	21.35		
10	1	0	256-QAM	19.06	19.19	19.37	23.32	0.2148
10	1	25		19.21	19.28	19.42		
10	1	49		19.00	19.00	19.30		
10	25	0		19.12	19.44	19.47		
10	25	12		19.21	19.37	19.39		
10	25	25		19.07	19.33	19.29		
10	50	0		19.07	19.36	19.33		
Limit	ERP < 3W			Result			Pass	

LTE Band 17 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.00	23.96	24.31	28.16	0.6546
5	1	12		24.02	23.93	24.29		
5	1	24		23.94	23.77	24.22		
5	12	0		23.02	22.99	23.42		
5	12	7		22.98	23.13	23.39		
5	12	13		22.98	23.01	23.24		
5	25	0		22.98	23.00	23.27		
5	1	0	16-QAM	23.21	23.22	23.41	27.30	0.5370
5	1	12		23.22	23.45	23.38		
5	1	24		23.29	23.30	23.41		
5	12	0		22.05	22.16	22.43		
5	12	7		22.10	21.91	22.21		
5	12	13		21.92	22.04	22.18		
5	25	0		21.96	21.93	22.20		
5	1	0	64-QAM	22.36	22.20	22.26	26.27	0.4236
5	1	12		22.27	22.21	22.27		
5	1	24		22.23	22.19	22.42		
5	12	0		21.12	21.02	21.43		
5	12	7		21.19	21.12	21.29		
5	12	13		20.94	20.95	21.28		
5	25	0		20.91	20.91	21.31		
5	1	0	256-QAM	18.96	19.18	19.25	23.23	0.2104
5	1	12		19.20	19.21	19.30		
5	1	24		18.80	18.96	19.26		
5	12	0		18.95	19.37	19.38		
5	12	7		19.16	19.29	19.22		
5	12	13		19.02	19.31	19.10		
5	25	0		18.92	19.23	19.26		
Limit	ERP < 3W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.22	24.13	24.09	28.07	0.6412
15	1	37		24.04	23.91	24.07		
15	1	74		24.05	24.03	23.99		
15	36	0		23.20	23.39	23.17		
15	36	20		23.17	23.14	23.16		
15	36	39		23.16	23.03	23.14		
15	75	0		23.16	23.15	23.09		
15	1	0	16-QAM	23.47	23.04	23.48	27.41	0.5508
15	1	37		23.36	23.56	23.44		
15	1	74		23.28	23.03	23.28		
15	36	0		22.19	22.14	22.19		
15	36	20		22.15	22.35	22.16		
15	36	39		22.15	22.31	22.20		
15	75	0		22.11	22.27	22.14		
15	1	0	64-QAM	22.49	22.41	22.45	26.34	0.4305
15	1	37		22.46	22.23	22.39		
15	1	74		22.42	22.38	22.37		
15	36	0		21.37	21.25	21.27		
15	36	20		21.31	21.42	21.38		
15	36	39		21.28	20.95	21.21		
15	75	0		21.32	21.30	21.26		
15	1	0	256-QAM	19.43	19.35	19.32	23.28	0.2128
15	1	37		19.33	19.33	19.27		
15	1	74		19.41	19.14	19.24		
15	36	0		19.28	19.29	19.24		
15	36	20		19.26	19.06	19.34		
15	36	39		19.21	19.03	19.24		
15	75	0		19.25	19.10	19.14		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.99	23.90	23.95	28.10	0.6457
10	1	25		24.12	24.25	23.89		
10	1	49		23.90	24.09	23.85		
10	25	0		23.27	23.04	23.03		
10	25	12		23.14	23.12	23.01		
10	25	25		23.13	23.17	23.07		
10	50	0		23.08	23.05	22.89		
10	1	0	16-QAM	22.99	23.38	23.39	27.33	0.5408
10	1	25		23.48	23.15	23.34		
10	1	49		23.02	23.30	23.24		
10	25	0		22.09	22.13	22.04		
10	25	12		21.94	22.16	22.13		
10	25	25		22.07	22.16	22.10		
10	50	0		22.13	22.03	21.99		
10	1	0	64-QAM	22.31	22.44	22.36	26.29	0.4256
10	1	25		22.39	22.31	22.37		
10	1	49		22.06	22.35	22.31		
10	25	0		21.11	21.22	21.16		
10	25	12		21.17	21.23	21.23		
10	25	25		20.99	21.10	21.16		
10	50	0		21.04	21.24	21.06		
10	1	0	256-QAM	19.26	19.30	19.25	23.19	0.2084
10	1	25		19.09	19.20	19.23		
10	1	49		19.14	19.19	19.08		
10	25	0		19.07	19.21	19.07		
10	25	12		19.14	19.13	19.34		
10	25	25		18.90	19.17	19.20		
10	50	0		19.12	19.20	19.02		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.08	23.91	23.93	27.93	0.6209
5	1	12		23.86	24.01	24.00		
5	1	24		23.81	23.87	23.91		
5	12	0		23.10	23.04	23.01		
5	12	7		23.04	23.20	22.99		
5	12	13		23.12	22.91	23.01		
5	25	0		23.08	23.21	22.98		
5	1	0	16-QAM	23.08	23.52	23.43	27.37	0.5458
5	1	12		23.28	23.36	23.24		
5	1	24		23.10	23.21	23.24		
5	12	0		22.13	22.05	22.02		
5	12	7		21.93	22.18	22.05		
5	12	13		22.10	22.14	22.14		
5	25	0		21.92	22.19	22.14		
5	1	0	64-QAM	22.46	22.41	22.38	26.31	0.4276
5	1	12		22.27	22.40	22.31		
5	1	24		22.12	22.33	22.33		
5	12	0		21.07	21.30	21.07		
5	12	7		21.15	21.17	21.20		
5	12	13		21.00	21.22	21.20		
5	25	0		21.09	21.30	21.18		
5	1	0	256-QAM	19.24	19.38	19.14	23.26	0.2118
5	1	12		19.04	19.15	19.26		
5	1	24		19.25	19.41	19.23		
5	12	0		19.11	19.23	19.23		
5	12	7		18.92	19.10	19.19		
5	12	13		18.97	19.13	19.06		
5	25	0		19.08	19.05	18.98		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.10	23.92	23.94	27.95	0.6237
3	1	8		24.01	24.06	24.00		
3	1	14		23.87	23.92	23.94		
3	8	0		22.94	23.06	23.01		
3	8	4		23.13	22.94	23.16		
3	8	7		23.11	23.06	23.02		
3	15	0		23.00	22.98	23.04		
3	1	0	16-QAM	23.11	23.46	23.33	27.31	0.5383
3	1	8		23.21	23.39	23.44		
3	1	14		23.07	23.07	23.18		
3	8	0		22.14	22.26	22.02		
3	8	4		22.03	22.21	22.06		
3	8	7		22.06	22.16	22.02		
3	15	0		22.26	22.08	21.98		
3	1	0	64-QAM	22.42	22.27	22.32	26.27	0.4236
3	1	8		22.28	22.38	22.37		
3	1	14		22.03	22.32	22.20		
3	8	0		21.12	21.29	21.23		
3	8	4		21.16	21.19	21.27		
3	8	7		20.93	21.08	21.02		
3	15	0		21.06	21.26	21.18		
3	1	0	256-QAM	19.34	19.49	19.24	23.34	0.2158
3	1	8		19.09	19.19	19.19		
3	1	14		19.26	19.18	19.18		
3	8	0		18.96	19.12	19.10		
3	8	4		19.21	19.22	19.20		
3	8	7		18.98	18.99	19.13		
3	15	0		19.12	19.28	19.12		
Limit	ERP < 7W			Result			Pass	

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.01	23.98	23.92	28.03	0.6353
1.4	1	3		24.00	24.18	24.01		
1.4	1	5		23.93	24.06	23.90		
1.4	3	0		24.01	23.96	23.90		
1.4	3	1		24.04	24.08	23.88		
1.4	3	3		23.77	24.00	23.88		
1.4	6	0		23.10	23.23	23.06		
1.4	1	0	16-QAM	23.02	23.11	23.04	27.32	0.5395
1.4	1	3		23.04	23.13	23.05		
1.4	1	5		23.08	23.06	23.07		
1.4	3	0		23.16	23.45	23.47		
1.4	3	1		23.42	23.27	23.28		
1.4	3	3		22.99	23.31	23.17		
1.4	6	0		22.02	21.94	22.02		
1.4	1	0	64-QAM	22.05	22.17	21.97	26.30	0.4266
1.4	1	3		22.16	22.15	22.19		
1.4	1	5		22.11	21.99	22.05		
1.4	3	0		22.22	22.36	22.29		
1.4	3	1		22.23	22.27	22.28		
1.4	3	3		22.11	22.45	22.17		
1.4	6	0		21.09	21.25	21.08		
1.4	1	0	256-QAM	19.35	19.18	19.29	23.22	0.2099
1.4	1	3		19.26	19.32	19.12		
1.4	1	5		19.09	19.37	19.07		
1.4	3	0		19.15	19.17	19.10		
1.4	3	1		18.97	19.16	19.24		
1.4	3	3		19.04	18.94	19.04		
1.4	6	0		19.14	19.06	18.94		
Limit	ERP < 7W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.76	23.92	23.77	31.72	1.4859
20	1	49		23.78	23.91	23.86		
20	1	99		23.90	23.69	23.70		
20	50	0		22.78	22.88	22.92		
20	50	24		22.86	22.89	22.93		
20	50	50		22.81	22.89	22.93		
20	100	0		22.83	22.88	22.95		
20	1	0	16-QAM	23.05	23.12	23.29	31.11	1.2912
20	1	49		23.04	23.27	23.31		
20	1	99		23.00	23.09	23.08		
20	50	0		21.78	21.88	21.97		
20	50	24		21.88	21.89	21.93		
20	50	50		21.85	21.94	21.93		
20	100	0		21.84	21.87	21.95		
20	1	0	64-QAM	22.01	22.14	22.16	29.96	0.9908
20	1	49		22.08	21.97	21.98		
20	1	99		21.94	22.05	22.03		
20	50	0		20.77	20.89	20.95		
20	50	24		20.88	20.89	20.92		
20	50	50		20.81	20.93	20.92		
20	100	0		20.76	20.79	20.89		
20	1	0	256-QAM	18.86	18.90	18.95	26.85	0.4842
20	1	49		19.05	19.00	19.01		
20	1	99		18.71	18.81	18.70		
20	50	0		18.81	18.86	18.93		
20	50	24		18.86	18.83	18.83		
20	50	50		18.77	18.87	18.88		
20	100	0		18.82	18.81	18.91		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.58	23.82	23.62	31.63	1.4555
15	1	37		23.65	23.74	23.70		
15	1	74		23.83	23.52	23.68		
15	36	0		22.60	22.76	22.87		
15	36	20		22.71	22.71	22.87		
15	36	39		22.76	22.70	22.75		
15	75	0		22.73	22.76	22.77		
15	1	0	16-QAM	22.87	23.09	23.18	31.07	1.2794
15	1	37		22.96	23.10	23.27		
15	1	74		22.89	22.94	23.08		
15	36	0		21.66	21.74	21.85		
15	36	20		21.84	21.82	21.82		
15	36	39		21.65	21.77	21.78		
15	75	0		21.73	21.68	21.84		
15	1	0	64-QAM	21.91	22.00	22.08	29.88	0.9727
15	1	37		21.91	21.96	21.79		
15	1	74		21.85	22.03	21.92		
15	36	0		20.77	20.84	20.93		
15	36	20		20.80	20.89	20.78		
15	36	39		20.66	20.93	20.87		
15	75	0		20.64	20.64	20.87		
15	1	0	256-QAM	18.69	18.79	18.75	26.76	0.4742
15	1	37		18.96	18.92	18.93		
15	1	74		18.66	18.77	18.52		
15	36	0		18.61	18.75	18.76		
15	36	20		18.84	18.64	18.75		
15	36	39		18.68	18.81	18.71		
15	75	0		18.72	18.73	18.88		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.63	23.84	23.69	31.64	1.4588
10	1	25		23.74	23.79	23.75		
10	1	49		23.79	23.49	23.65		
10	25	0		22.74	22.84	22.77		
10	25	12		22.72	22.72	22.90		
10	25	25		22.74	22.83	22.91		
10	50	0		22.83	22.80	22.86		
10	1	0	16-QAM	22.91	23.01	23.22	31.07	1.2794
10	1	25		22.96	23.27	23.27		
10	1	49		22.88	23.02	22.98		
10	25	0		21.67	21.85	21.81		
10	25	12		21.85	21.74	21.75		
10	25	25		21.73	21.86	21.77		
10	50	0		21.84	21.67	21.83		
10	1	0	64-QAM	21.93	22.11	22.07	29.91	0.9795
10	1	25		21.94	21.83	21.97		
10	1	49		21.75	21.87	22.03		
10	25	0		20.57	20.77	20.75		
10	25	12		20.73	20.72	20.92		
10	25	25		20.62	20.92	20.91		
10	50	0		20.75	20.63	20.79		
10	1	0	256-QAM	18.72	18.86	18.83	26.83	0.4819
10	1	25		19.03	18.84	18.93		
10	1	49		18.65	18.61	18.60		
10	25	0		18.78	18.83	18.86		
10	25	12		18.86	18.74	18.79		
10	25	25		18.62	18.78	18.75		
10	50	0		18.80	18.79	18.71		
Limit	EIRP < 2W			Result			Pass	

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 7.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.62	23.89	23.68	31.69	1.4757
5	1	12		23.74	23.75	23.75		
5	1	24		23.89	23.66	23.55		
5	12	0		22.60	22.72	22.90		
5	12	7		22.75	22.73	22.84		
5	12	13		22.67	22.85	22.88		
5	25	0		22.75	22.72	22.82		
5	1	0	16-QAM	22.89	23.11	23.28	31.08	1.2823
5	1	12		23.03	23.11	23.27		
5	1	24		22.98	22.91	22.95		
5	12	0		21.71	21.75	21.84		
5	12	7		21.88	21.86	21.81		
5	12	13		21.77	21.81	21.76		
5	25	0		21.80	21.82	21.85		
5	1	0	64-QAM	21.82	22.14	22.07	29.94	0.9863
5	1	12		22.05	21.84	21.98		
5	1	24		21.90	21.99	21.94		
5	12	0		20.63	20.79	20.94		
5	12	7		20.86	20.84	20.79		
5	12	13		20.80	20.86	20.90		
5	25	0		20.64	20.69	20.85		
5	1	0	256-QAM	18.75	18.87	18.92	26.77	0.4753
5	1	12		18.92	18.87	18.97		
5	1	24		18.53	18.74	18.59		
5	12	0		18.81	18.74	18.74		
5	12	7		18.71	18.69	18.80		
5	12	13		18.58	18.73	18.87		
5	25	0		18.66	18.63	18.83		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.40	26.11	26.09	32.20	1.6596
20	1	49		26.26	26.13	26.15		
20	1	99		26.13	26.03	26.10		
20	50	0		25.27	25.06	25.03		
20	50	24		25.37	25.06	25.05		
20	50	50		25.30	25.08	25.00		
20	100	0		25.29	25.01	25.01		
20	1	0	16-QAM	25.70	25.47	25.24	31.50	1.4125
20	1	49		25.65	25.65	25.45		
20	1	99		25.48	25.33	25.19		
20	50	0		24.31	24.15	24.01		
20	50	24		24.35	24.10	24.02		
20	50	50		24.31	24.05	24.09		
20	100	0		24.34	24.08	24.17		
20	1	0	64-QAM	24.62	24.40	24.18	30.42	1.1015
20	1	49		24.62	24.53	24.42		
20	1	99		24.55	24.26	24.18		
20	50	0		23.46	23.27	23.15		
20	50	24		23.58	23.33	23.29		
20	50	50		23.47	23.41	23.32		
20	100	0		23.49	23.27	23.19		
20	1	0	256-QAM	21.53	21.34	21.43	27.41	0.5508
20	1	49		21.61	21.50	21.34		
20	1	99		21.27	21.19	21.43		
20	50	0		21.42	21.27	21.07		
20	50	24		21.48	21.26	21.11		
20	50	50		21.36	21.22	21.16		
20	100	0		21.44	21.26	21.28		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.36	25.99	25.93	32.16	1.6444
15	1	37		26.20	26.13	26.12		
15	1	74		25.98	25.84	26.05		
15	36	0		25.10	24.86	25.01		
15	36	20		25.31	25.04	24.94		
15	36	39		25.17	25.00	24.86		
15	75	0		25.13	24.82	24.84		
15	1	0	16-QAM	25.65	25.36	25.23	31.45	1.3964
15	1	37		25.50	25.59	25.42		
15	1	74		25.45	25.20	25.00		
15	36	0		24.18	24.09	23.96		
15	36	20		24.21	23.97	23.90		
15	36	39		24.13	24.03	23.95		
15	75	0		24.28	23.94	24.08		
15	1	0	64-QAM	24.54	24.26	24.16	30.35	1.0839
15	1	37		24.55	24.49	24.42		
15	1	74		24.50	24.17	24.02		
15	36	0		23.28	23.11	23.03		
15	36	20		23.38	23.17	23.24		
15	36	39		23.32	23.27	23.22		
15	75	0		23.48	23.12	23.07		
15	1	0	256-QAM	21.40	21.24	21.32	27.30	0.5370
15	1	37		21.42	21.50	21.14		
15	1	74		21.20	21.10	21.36		
15	36	0		21.34	21.17	20.95		
15	36	20		21.41	21.19	21.11		
15	36	39		21.24	21.17	21.08		
15	75	0		21.39	21.21	21.26		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.24	26.05	26.01	32.04	1.5996
10	1	25		26.23	26.06	26.08		
10	1	49		26.03	25.84	25.98		
10	25	0		25.18	24.99	24.94		
10	25	12		25.17	24.87	24.96		
10	25	25		25.21	25.03	24.93		
10	50	0		25.15	24.88	24.98		
10	1	0	16-QAM	25.61	25.43	25.04	31.41	1.3836
10	1	25		25.56	25.54	25.28		
10	1	49		25.32	25.23	25.03		
10	25	0		24.26	23.96	23.98		
10	25	12		24.21	24.09	24.02		
10	25	25		24.30	23.91	23.89		
10	50	0		24.24	23.99	24.06		
10	1	0	64-QAM	24.55	24.30	24.14	30.37	1.0889
10	1	25		24.57	24.33	24.30		
10	1	49		24.50	24.12	24.10		
10	25	0		23.34	23.09	23.12		
10	25	12		23.41	23.32	23.22		
10	25	25		23.42	23.40	23.32		
10	50	0		23.40	23.20	23.14		
10	1	0	256-QAM	21.51	21.27	21.43	27.31	0.5383
10	1	25		21.45	21.31	21.26		
10	1	49		21.22	21.19	21.30		
10	25	0		21.34	21.26	21.00		
10	25	12		21.32	21.07	21.06		
10	25	25		21.23	21.21	21.14		
10	50	0		21.44	21.19	21.23		
Limit	EIRP < 2W			Result			Pass	

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 5.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.33	26.05	26.03	32.13	1.6331
5	1	12		26.25	26.06	26.01		
5	1	24		26.13	25.90	25.96		
5	12	0		25.10	25.02	25.00		
5	12	7		25.25	24.96	25.00		
5	12	13		25.29	24.97	24.96		
5	25	0		25.18	24.84	24.83		
5	1	0	16-QAM	25.50	25.40	25.04	31.40	1.3804
5	1	12		25.60	25.49	25.36		
5	1	24		25.38	25.14	25.09		
5	12	0		24.26	24.13	23.95		
5	12	7		24.35	23.93	23.91		
5	12	13		24.16	24.01	23.90		
5	25	0		24.27	23.90	24.03		
5	1	0	64-QAM	24.42	24.25	24.13	30.33	1.0789
5	1	12		24.48	24.53	24.22		
5	1	24		24.50	24.13	24.13		
5	12	0		23.32	23.24	23.09		
5	12	7		23.44	23.21	23.13		
5	12	13		23.36	23.34	23.32		
5	25	0		23.47	23.17	23.10		
5	1	0	256-QAM	21.50	21.28	21.36	27.39	0.5483
5	1	12		21.59	21.47	21.18		
5	1	24		21.15	21.07	21.39		
5	12	0		21.35	21.14	20.88		
5	12	7		21.48	21.25	20.97		
5	12	13		21.27	21.05	21.03		
5	25	0		21.26	21.06	21.28		
Limit	EIRP < 2W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	22.62	-	23.60	0.2291
10	1	25			22.55			
10	1	49			22.55			
10	25	0			21.61			
10	25	12			21.53			
10	25	25			21.59			
10	50	0			21.56			
10	1	0	16-QAM		21.93		22.97	0.1982
10	1	25			21.81			
10	1	49			21.99			
10	25	0			20.52			
10	25	12			20.56			
10	25	25			20.54			
10	50	0			20.56			
10	1	0	64-QAM		20.93		21.91	0.1552
10	1	25			20.75			
10	1	49			20.81			
10	25	0			19.55			
10	25	12			19.47			
10	25	25			19.49			
10	50	0			19.55			
10	1	0	256-QAM		17.62		18.65	0.0733
10	1	25			17.67			
10	1	49			17.55			
10	25	0			17.57			
10	25	12			17.56			
10	25	25			17.58			
10	50	0			17.61			
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.05	22.13	21.77	23.19	0.2084
5	1	12		22.05	22.19	22.21		
5	1	24		21.82	22.08	21.98		
5	12	0		20.73	20.95	21.00		
5	12	7		20.99	21.10	20.84		
5	12	13		21.22	21.07	21.01		
5	25	0		21.08	21.13	21.05		
5	1	0	16-QAM	21.51	21.43	21.34	22.51	0.1782
5	1	12		21.23	21.53	21.45		
5	1	24		21.29	21.40	21.52		
5	12	0		20.17	20.06	19.82		
5	12	7		19.72	20.20	19.93		
5	12	13		19.98	20.41	20.07		
5	25	0		20.15	20.14	20.05		
5	1	0	64-QAM	20.58	20.47	20.04	21.56	0.1432
5	1	12		20.57	20.43	20.37		
5	1	24		20.46	20.40	20.29		
5	12	0		19.02	18.73	19.22		
5	12	7		19.12	19.25	19.01		
5	12	13		18.92	19.22	19.06		
5	25	0		19.02	19.06	18.98		
5	1	0	256-QAM	17.00	17.01	16.80	18.42	0.0695
5	1	12		17.34	17.22	17.10		
5	1	24		17.05	17.44	17.19		
5	12	0		16.75	17.25	17.34		
5	12	7		17.02	17.33	17.24		
5	12	13		16.77	17.31	16.94		
5	25	0		16.59	17.25	17.32		
Limit	EIRP < 250mW/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 250 mW/5MHz.

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.21	24.37	24.26	29.37	0.8650
20	1	49		24.26	24.26	24.24		
20	1	99		24.19	24.11	24.26		
20	50	0		23.26	23.32	23.17		
20	50	24		23.42	23.38	23.28		
20	50	50		23.44	23.30	23.23		
20	100	0		23.35	23.28	23.25		
20	1	0	16-QAM	23.43	23.32	23.44	28.50	0.7079
20	1	49		23.50	23.34	23.49		
20	1	99		23.34	23.38	23.37		
20	50	0		22.29	22.29	22.33		
20	50	24		22.41	22.41	22.31		
20	50	50		22.45	22.33	22.28		
20	100	0		22.39	22.33	22.22		
20	1	0	64-QAM	22.40	22.32	22.47	27.47	0.5585
20	1	49		22.33	22.47	22.31		
20	1	99		22.41	22.29	22.28		
20	50	0		21.36	21.25	21.25		
20	50	24		21.38	21.37	21.30		
20	50	50		21.34	21.33	21.30		
20	100	0		21.39	21.23	21.31		
20	1	0	256-QAM	19.30	19.17	19.28	24.49	0.2812
20	1	49		19.33	19.49	19.33		
20	1	99		19.25	19.31	19.14		
20	50	0		19.28	19.35	19.18		
20	50	24		19.39	19.33	19.33		
20	50	50		19.26	19.33	19.22		
20	100	0		19.38	19.38	19.28		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.02	24.02	24.17	29.29	0.8492
15	1	37		24.06	24.29	24.12		
15	1	74		24.18	24.09	24.09		
15	36	0		23.12	23.22	23.09		
15	36	20		23.41	23.30	23.24		
15	36	39		23.36	23.24	23.07		
15	75	0		23.21	23.11	23.11		
15	1	0	16-QAM	23.40	23.27	23.34	28.40	0.6918
15	1	37		23.39	23.24	23.30		
15	1	74		23.14	23.30	23.29		
15	36	0		22.18	22.21	22.32		
15	36	20		22.36	22.36	22.12		
15	36	39		22.25	22.18	22.22		
15	75	0		22.19	22.19	22.08		
15	1	0	64-QAM	22.22	22.25	22.42	27.42	0.5521
15	1	37		22.18	22.40	22.22		
15	1	74		22.22	22.21	22.26		
15	36	0		21.16	21.10	21.21		
15	36	20		21.35	21.37	21.16		
15	36	39		21.31	21.21	21.11		
15	75	0		21.30	21.17	21.18		
15	1	0	256-QAM	19.25	19.17	19.24	24.35	0.2723
15	1	37		19.31	19.35	19.33		
15	1	74		19.20	19.16	19.04		
15	36	0		19.16	19.16	19.13		
15	36	20		19.28	19.33	19.23		
15	36	39		19.24	19.33	19.03		
15	75	0		19.24	19.28	19.19		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.04	24.00	24.23	29.33	0.8570
10	1	25		24.13	24.33	24.18		
10	1	49		24.05	24.03	24.09		
10	25	0		23.07	23.22	23.04		
10	25	12		23.39	23.28	23.25		
10	25	25		23.36	23.22	23.12		
10	50	0		23.16	23.25	23.08		
10	1	0	16-QAM	23.33	23.20	23.29	28.38	0.6887
10	1	25		23.38	23.23	23.38		
10	1	49		23.28	23.34	23.31		
10	25	0		22.15	22.28	22.33		
10	25	12		22.33	22.31	22.30		
10	25	25		22.42	22.16	22.19		
10	50	0		22.28	22.31	22.12		
10	1	0	64-QAM	22.39	22.27	22.37	27.39	0.5483
10	1	25		22.32	22.30	22.15		
10	1	49		22.23	22.27	22.13		
10	25	0		21.25	21.13	21.13		
10	25	12		21.18	21.17	21.25		
10	25	25		21.22	21.17	21.24		
10	50	0		21.34	21.20	21.29		
10	1	0	256-QAM	19.10	19.03	19.26	24.41	0.2761
10	1	25		19.26	19.41	19.33		
10	1	49		19.06	19.25	19.00		
10	25	0		19.10	19.15	19.01		
10	25	12		19.28	19.33	19.26		
10	25	25		19.20	19.15	19.19		
10	50	0		19.24	19.26	19.18		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.16	24.08	24.15	29.33	0.8570
5	1	12		24.20	24.33	24.18		
5	1	24		24.08	23.92	24.18		
5	12	0		23.07	23.14	22.98		
5	12	7		23.34	23.19	23.26		
5	12	13		23.43	23.11	23.14		
5	25	0		23.18	23.23	23.10		
5	1	0	16-QAM	23.33	23.15	23.24	28.46	0.7015
5	1	12		23.46	23.21	23.37		
5	1	24		23.20	23.34	23.33		
5	12	0		22.28	22.09	22.21		
5	12	7		22.32	22.41	22.19		
5	12	13		22.35	22.16	22.16		
5	25	0		22.34	22.21	22.13		
5	1	0	64-QAM	22.20	22.32	22.45	27.45	0.5559
5	1	12		22.31	22.30	22.25		
5	1	24		22.32	22.28	22.18		
5	12	0		21.24	21.21	21.24		
5	12	7		21.28	21.37	21.27		
5	12	13		21.21	21.25	21.25		
5	25	0		21.31	21.10	21.20		
5	1	0	256-QAM	19.12	19.10	19.26	24.36	0.2729
5	1	12		19.19	19.36	19.13		
5	1	24		19.12	19.19	18.95		
5	12	0		19.23	19.21	19.06		
5	12	7		19.27	19.28	19.19		
5	12	13		19.07	19.13	19.08		
5	25	0		19.36	19.32	19.16		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.15	24.11	24.11	29.35	0.8610
3	1	8		24.13	24.35	24.10		
3	1	14		24.10	23.93	24.13		
3	8	0		23.22	23.27	23.01		
3	8	4		23.30	23.21	23.27		
3	8	7		23.25	23.15	23.05		
3	15	0		23.15	23.20	23.06		
3	1	0	16-QAM	23.43	23.17	23.28	28.48	0.7047
3	1	8		23.48	23.16	23.33		
3	1	14		23.34	23.22	23.25		
3	8	0		22.26	22.17	22.17		
3	8	4		22.38	22.28	22.16		
3	8	7		22.37	22.26	22.17		
3	15	0		22.26	22.30	22.06		
3	1	0	64-QAM	22.34	22.24	22.46	27.46	0.5572
3	1	8		22.29	22.35	22.21		
3	1	14		22.25	22.17	22.20		
3	8	0		21.17	21.18	21.25		
3	8	4		21.33	21.27	21.22		
3	8	7		21.31	21.16	21.30		
3	15	0		21.28	21.04	21.13		
3	1	0	256-QAM	19.16	18.97	19.23	24.43	0.2773
3	1	8		19.17	19.43	19.15		
3	1	14		19.19	19.20	19.14		
3	8	0		19.18	19.17	19.09		
3	8	4		19.30	19.30	19.21		
3	8	7		19.10	19.20	19.09		
3	15	0		19.23	19.33	19.23		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.18	23.99	24.08	29.32	0.8551
1.4	1	3		24.07	24.32	24.09		
1.4	1	5		24.08	23.97	24.20		
1.4	3	0		24.10	24.02	24.09		
1.4	3	1		24.11	24.30	24.22		
1.4	3	3		24.17	23.96	24.17		
1.4	6	0		23.24	23.14	22.99		
1.4	1	0	16-QAM	23.38	23.30	23.12	28.42	0.6950
1.4	1	3		23.29	23.27	23.14		
1.4	1	5		23.32	23.25	23.08		
1.4	3	0		23.35	23.20	23.42		
1.4	3	1		23.34	23.29	23.41		
1.4	3	3		23.34	23.33	23.36		
1.4	6	0		22.26	22.23	22.14		
1.4	1	0	64-QAM	22.22	22.33	22.30	27.38	0.5470
1.4	1	3		22.25	22.29	22.12		
1.4	1	5		22.35	22.32	22.05		
1.4	3	0		22.38	22.30	22.30		
1.4	3	1		22.25	22.33	22.15		
1.4	3	3		22.32	22.27	22.16		
1.4	6	0		21.30	21.09	21.16		
1.4	1	0	256-QAM	19.27	19.12	19.09	24.46	0.2793
1.4	1	3		19.29	19.46	19.22		
1.4	1	5		19.24	19.16	19.14		
1.4	3	0		19.09	19.35	19.05		
1.4	3	1		19.31	19.13	19.33		
1.4	3	3		19.20	19.22	19.18		
1.4	6	0		19.25	19.25	19.10		
Limit	EIRP < 1W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.21	24.23	24.02	27.58	0.5728
20	1	49		24.18	24.02	24.02		
20	1	99		24.16	24.12	23.99		
20	50	0		23.26	23.36	23.16		
20	50	24		23.30	23.27	23.18		
20	50	50		23.21	23.19	23.03		
20	100	0		23.32	23.26	23.18		
20	1	0	16-QAM	23.47	23.44	23.32	26.82	0.4808
20	1	49		23.41	23.42	23.21		
20	1	99		23.36	23.28	23.15		
20	50	0		22.39	22.24	22.15		
20	50	24		22.35	22.30	22.17		
20	50	50		22.23	22.26	22.09		
20	100	0		22.31	22.25	22.17		
20	1	0	64-QAM	22.36	22.48	22.24	25.83	0.3828
20	1	49		22.46	22.26	22.22		
20	1	99		22.33	22.14	22.13		
20	50	0		21.34	21.22	21.13		
20	50	24		21.41	21.14	21.15		
20	50	50		21.16	21.04	20.98		
20	100	0		21.41	21.21	21.14		
20	1	0	256-QAM	19.44	19.42	19.22	22.79	0.1901
20	1	49		19.31	19.18	19.18		
20	1	99		19.04	18.97	18.83		
20	50	0		19.38	19.26	19.10		
20	50	24		19.35	19.11	19.16		
20	50	50		19.24	19.07	19.01		
20	100	0		19.24	19.14	19.10		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.16	24.03	23.86	27.51	0.5636
15	1	37		23.99	23.99	23.99		
15	1	74		24.12	24.03	23.81		
15	36	0		23.10	23.18	23.16		
15	36	20		23.24	23.21	22.98		
15	36	39		23.12	23.16	22.84		
15	75	0		23.32	23.23	23.17		
15	1	0	16-QAM	23.32	23.26	23.21	26.73	0.4710
15	1	37		23.38	23.38	23.18		
15	1	74		23.23	23.22	22.98		
15	36	0		22.24	22.19	22.12		
15	36	20		22.29	22.14	22.12		
15	36	39		22.19	22.13	22.05		
15	75	0		22.15	22.10	22.07		
15	1	0	64-QAM	22.26	22.44	22.05	25.79	0.3793
15	1	37		22.34	22.25	22.09		
15	1	74		22.22	21.99	22.04		
15	36	0		21.22	21.06	21.00		
15	36	20		21.39	20.96	21.07		
15	36	39		21.01	20.96	20.98		
15	75	0		21.28	21.21	21.10		
15	1	0	256-QAM	19.44	19.41	19.12	22.79	0.1901
15	1	37		19.29	19.05	19.17		
15	1	74		19.03	18.83	18.80		
15	36	0		19.29	19.18	18.98		
15	36	20		19.19	19.08	19.13		
15	36	39		19.09	18.99	18.91		
15	75	0		19.13	18.94	19.06		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.12	24.12	23.85	27.51	0.5636
10	1	25		24.06	23.89	24.01		
10	1	49		24.16	24.11	23.82		
10	25	0		23.09	23.34	23.11		
10	25	12		23.27	23.24	22.99		
10	25	25		23.21	23.02	22.95		
10	50	0		23.23	23.26	23.15		
10	1	0	16-QAM	23.35	23.29	23.13	26.70	0.4677
10	1	25		23.31	23.25	23.19		
10	1	49		23.26	23.24	23.01		
10	25	0		22.39	22.15	21.96		
10	25	12		22.29	22.26	22.14		
10	25	25		22.16	22.11	22.07		
10	50	0		22.21	22.10	22.07		
10	1	0	64-QAM	22.28	22.31	22.12	25.66	0.3681
10	1	25		22.30	22.14	22.04		
10	1	49		22.24	22.14	22.07		
10	25	0		21.26	21.04	20.99		
10	25	12		21.31	21.10	21.14		
10	25	25		21.15	20.93	20.83		
10	50	0		21.41	21.02	21.13		
10	1	0	256-QAM	19.38	19.36	19.09	22.73	0.1875
10	1	25		19.16	19.18	19.09		
10	1	49		18.88	18.80	18.67		
10	25	0		19.36	19.23	18.98		
10	25	12		19.34	19.06	19.02		
10	25	25		19.22	18.92	18.87		
10	50	0		19.17	18.95	19.09		
Limit	ERP < 3W			Result			Pass	

LTE Band 71 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.06	24.04	24.01	27.49	0.5610
5	1	12		24.14	24.00	24.00		
5	1	24		24.12	23.98	23.82		
5	12	0		23.12	23.26	23.16		
5	12	7		23.14	23.07	23.08		
5	12	13		23.02	23.07	22.95		
5	25	0		23.14	23.08	23.05		
5	1	0	16-QAM	23.29	23.37	23.25	26.72	0.4699
5	1	12		23.30	23.37	23.01		
5	1	24		23.19	23.19	23.00		
5	12	0		22.24	22.12	22.06		
5	12	7		22.23	22.26	22.17		
5	12	13		22.21	22.08	22.03		
5	25	0		22.14	22.11	22.07		
5	1	0	64-QAM	22.26	22.48	22.09	25.83	0.3828
5	1	12		22.45	22.26	22.09		
5	1	24		22.28	22.14	21.95		
5	12	0		21.14	21.06	21.08		
5	12	7		21.26	20.96	21.04		
5	12	13		21.11	20.90	20.81		
5	25	0		21.27	21.04	21.04		
5	1	0	256-QAM	19.43	19.41	19.02	22.78	0.1897
5	1	12		19.20	19.03	19.08		
5	1	24		18.87	18.83	18.67		
5	12	0		19.32	19.12	18.92		
5	12	7		19.15	19.07	19.07		
5	12	13		19.23	18.94	18.87		
5	25	0		19.24	18.97	19.04		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.88	-	27.73	0.5929
10	1	25			23.83			
10	1	49			23.78			
10	25	0			22.88			
10	25	12			22.80			
10	25	25			22.70			
10	50	0			22.91			
10	1	0	16-QAM		23.28		27.13	0.5164
10	1	25			23.11			
10	1	49			23.02			
10	25	0			21.75			
10	25	12			21.81			
10	25	25			21.70			
10	50	0			21.80			
10	1	0	64-QAM		21.97		25.92	0.3908
10	1	25			22.01			
10	1	49			22.07			
10	25	0			20.80			
10	25	12			20.75			
10	25	25			20.71			
10	50	0			20.73			
10	1	0	256-QAM		18.97		22.82	0.1914
10	1	25			18.62			
10	1	49			18.68			
10	25	0			18.94			
10	25	12			18.73			
10	25	25			18.54			
10	50	0			18.77			
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.56	23.63	23.24	27.66	0.5834
5	1	12		23.51	23.69	23.36		
5	1	24		23.61	23.60	23.81		
5	12	0		22.63	22.80	22.65		
5	12	7		22.46	22.67	22.60		
5	12	13		22.60	22.65	22.37		
5	25	0		22.58	22.63	22.51		
5	1	0	16-QAM	22.82	22.92	22.72	27.11	0.5140
5	1	12		22.94	22.94	22.76		
5	1	24		22.83	22.65	23.26		
5	12	0		21.53	21.62	21.44		
5	12	7		21.63	21.56	21.44		
5	12	13		21.52	21.63	21.25		
5	25	0		21.59	21.60	21.55		
5	1	0	64-QAM	21.77	21.86	21.62	25.74	0.3750
5	1	12		21.77	21.89	21.66		
5	1	24		21.76	21.62	21.79		
5	12	0		20.79	20.60	20.45		
5	12	7		20.71	20.47	20.40		
5	12	13		20.75	20.50	20.39		
5	25	0		20.60	20.66	20.52		
5	1	0	256-QAM	18.69	18.71	18.69	22.64	0.1837
5	1	12		18.46	18.79	18.53		
5	1	24		18.59	18.31	18.69		
5	12	0		18.74	18.63	18.31		
5	12	7		18.77	18.53	18.36		
5	12	13		18.53	18.33	18.43		
5	25	0		18.69	18.46	18.59		
Limit	ERP < 3W			Result			Pass	

LTE Band 70 Maximum Average Power [dBm] (GT - LC = 5.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	-	24.15	-	29.35	0.8610
15	1	37		-	24.10	-		
15	1	74		-	23.88	-		
15	36	0		-	22.93	-		
15	36	20		-	23.06	-		
15	36	39		-	23.02	-		
15	75	0		-	23.02	-		
15	1	0	16-QAM	-	23.22	-	28.77	0.7534
15	1	37		-	23.35	-		
15	1	74		-	23.57	-		
15	36	0		-	22.06	-		
15	36	20		-	22.06	-		
15	36	39		-	21.99	-		
15	75	0		-	22.09	-		
15	1	0	64-QAM	-	23.03	-	28.42	0.6950
15	1	37		-	23.22	-		
15	1	74		-	23.07	-		
15	36	0		-	21.01	-		
15	36	20		-	21.05	-		
15	36	39		-	21.02	-		
15	75	0		-	20.99	-		
15	1	0	256-QAM	-	19.18	-	24.52	0.2831
15	1	37		-	19.32	-		
15	1	74		-	19.16	-		
15	36	0		-	19.01	-		
15	36	20		-	18.99	-		
15	36	39		-	18.95	-		
15	75	0		-	18.99	-		
Limit	EIRP < 1W			Result			Pass	

LTE Band 70 Maximum Average Power [dBm] (GT - LC = 5.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.94	23.92	23.97	29.25	0.8414
10	1	25		24.02	23.96	24.03		
10	1	49		24.05	23.89	24.05		
10	25	0		23.09	22.93	23.12		
10	25	12		23.05	23.06	23.14		
10	25	25		23.00	23.06	23.03		
10	50	0		23.04	23.07	23.12		
10	1	0	16-QAM	23.36	23.35	23.41	28.67	0.7362
10	1	25		23.31	23.25	23.40		
10	1	49		23.46	23.47	23.41		
10	25	0		22.02	22.06	22.11		
10	25	12		21.97	22.06	22.12		
10	25	25		22.07	22.03	21.98		
10	50	0		22.08	22.00	22.14		
10	1	0	64-QAM	22.10	22.20	22.23	27.54	0.5675
10	1	25		22.27	22.19	22.34		
10	1	49		22.30	22.24	22.15		
10	25	0		21.01	20.99	21.09		
10	25	12		21.02	20.99	21.11		
10	25	25		20.94	21.05	21.00		
10	50	0		20.97	21.05	21.10		
10	1	0	256-QAM	19.13	19.11	19.10	24.33	0.2710
10	1	25		19.03	19.12	19.01		
10	1	49		18.98	19.08	19.01		
10	25	0		19.01	19.01	19.11		
10	25	12		18.97	19.03	19.13		
10	25	25		18.89	18.95	18.97		
10	50	0		18.94	19.07	19.11		
Limit	EIRP < 1W			Result			Pass	

LTE Band 70 Maximum Average Power [dBm] (GT - LC = 5.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.88	23.88	23.92	29.34	0.8590
5	1	12		23.95	24.02	24.06		
5	1	24		23.95	23.90	24.14		
5	12	0		23.04	23.06	23.12		
5	12	7		23.10	23.01	23.10		
5	12	13		23.08	23.03	23.05		
5	25	0		23.03	22.99	23.10		
5	1	0	16-QAM	23.20	23.23	23.37	28.82	0.7621
5	1	12		23.38	23.27	23.55		
5	1	24		23.26	23.46	23.62		
5	12	0		22.09	22.09	22.18		
5	12	7		22.07	22.03	22.17		
5	12	13		22.05	22.07	22.03		
5	25	0		22.08	22.07	22.17		
5	1	0	64-QAM	22.14	22.34	22.22	27.58	0.5728
5	1	12		22.22	22.25	22.23		
5	1	24		22.38	22.11	22.22		
5	12	0		21.03	21.14	21.03		
5	12	7		21.07	21.05	21.10		
5	12	13		21.12	21.03	21.02		
5	25	0		21.07	21.03	21.07		
5	1	0	256-QAM	19.02	19.04	19.07	24.38	0.2742
5	1	12		19.03	19.10	19.05		
5	1	24		19.07	19.12	19.04		
5	12	0		19.12	19.05	19.09		
5	12	7		19.01	18.99	19.18		
5	12	13		19.07	19.01	19.06		
5	25	0		18.99	18.98	19.11		
Limit	EIRP < 1W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.13	-	-	27.98	0.6281
15	1	37		24.05	-	-		
15	1	74		23.95	-	-		
15	36	0		23.19	-	-		
15	36	20		23.21	-	-		
15	36	39		23.22	-	-		
15	75	0		23.17	-	-		
15	1	0	16-QAM	23.13	-	-	27.26	0.5321
15	1	37		23.41	-	-		
15	1	74		23.14	-	-		
15	36	0		22.21	-	-		
15	36	20		22.15	-	-		
15	36	39		22.18	-	-		
15	75	0		22.19	-	-		
15	1	0	64-QAM	22.44	-	-	26.29	0.4256
15	1	37		22.36	-	-		
15	1	74		22.18	-	-		
15	36	0		21.18	-	-		
15	36	20		21.25	-	-		
15	36	39		21.15	-	-		
15	75	0		21.22	-	-		
15	1	0	256-QAM	19.37	-	-	23.22	0.2099
15	1	37		19.30	-	-		
15	1	74		19.25	-	-		
15	36	0		19.18	-	-		
15	36	20		19.17	-	-		
15	36	39		19.11	-	-		
15	75	0		19.11	-	-		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.97	-	28.02	0.6339
10	1	25		-	24.17	-		
10	1	49		-	24.01	-		
10	25	0		-	23.08	-		
10	25	12		-	23.12	-		
10	25	25		-	23.11	-		
10	50	0		-	23.15	-		
10	1	0	16-QAM	-	23.44	-	27.29	0.5358
10	1	25		-	23.23	-		
10	1	49		-	23.25	-		
10	25	0		-	22.18	-		
10	25	12		-	22.07	-		
10	25	25		-	22.11	-		
10	50	0		-	22.08	-		
10	1	0	64-QAM	-	22.40	-	26.25	0.4217
10	1	25		-	22.32	-		
10	1	49		-	22.25	-		
10	25	0		-	21.21	-		
10	25	12		-	21.18	-		
10	25	25		-	21.12	-		
10	50	0		-	21.25	-		
10	1	0	256-QAM	-	19.36	-	23.21	0.2094
10	1	25		-	19.15	-		
10	1	49		-	19.22	-		
10	25	0		-	19.13	-		
10	25	12		-	19.10	-		
10	25	25		-	19.19	-		
10	50	0		-	19.15	-		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.07	24.03	24.13	27.98	0.6281
5	1	12		23.93	23.89	23.85		
5	1	24		23.90	23.95	23.89		
5	12	0		23.16	23.22	23.10		
5	12	7		23.12	23.08	23.10		
5	12	13		23.05	23.00	23.15		
5	25	0		23.10	23.09	23.14		
5	1	0	16-QAM	23.11	23.15	23.15	27.27	0.5333
5	1	12		23.32	23.42	23.25		
5	1	24		23.08	23.04	23.13		
5	12	0		22.07	22.00	22.14		
5	12	7		22.03	21.97	21.94		
5	12	13		22.07	22.09	22.11		
5	25	0		22.00	21.95	21.96		
5	1	0	64-QAM	22.43	22.50	22.53	26.38	0.4345
5	1	12		22.21	22.20	22.31		
5	1	24		22.03	21.97	22.06		
5	12	0		20.98	20.99	20.97		
5	12	7		21.14	21.17	21.06		
5	12	13		21.06	21.02	21.13		
5	25	0		21.03	20.96	21.12		
5	1	0	256-QAM	19.17	19.12	19.18	23.07	0.2028
5	1	12		19.12	19.13	19.21		
5	1	24		19.22	19.21	19.21		
5	12	0		19.12	19.12	19.18		
5	12	7		18.98	18.94	18.92		
5	12	13		18.95	18.99	19.03		
5	25	0		19.05	19.14	19.01		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.09	24.18	24.18	28.03	0.6353
3	1	8		24.04	23.99	23.96		
3	1	14		23.83	23.88	23.84		
3	8	0		23.01	22.96	22.91		
3	8	4		23.15	23.08	23.11		
3	8	7		23.06	22.97	23.09		
3	15	0		23.01	22.92	23.01		
3	1	0	16-QAM	23.11	23.21	23.14	27.12	0.5152
3	1	8		23.27	23.25	23.26		
3	1	14		23.12	23.20	23.11		
3	8	0		22.08	22.01	22.13		
3	8	4		22.02	22.01	21.96		
3	8	7		22.06	22.00	22.02		
3	15	0		22.19	22.10	22.09		
3	1	0	64-QAM	22.43	22.51	22.46	26.36	0.4325
3	1	8		22.26	22.27	22.35		
3	1	14		22.09	22.13	22.07		
3	8	0		21.16	21.08	21.25		
3	8	4		21.08	21.17	21.12		
3	8	7		20.95	20.94	21.05		
3	15	0		21.07	21.06	21.09		
3	1	0	256-QAM	19.33	19.34	19.38	23.23	0.2104
3	1	8		19.18	19.14	19.16		
3	1	14		19.18	19.12	19.11		
3	8	0		19.06	19.15	18.99		
3	8	4		19.15	19.12	19.10		
3	8	7		18.95	19.00	18.87		
3	15	0		19.09	19.05	19.15		
Limit	Power < 100W			Result			Pass	

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.08	24.16	23.98	28.01	0.6324
1.4	1	3		23.90	23.85	23.91		
1.4	1	5		23.93	23.98	23.90		
1.4	3	0		23.93	23.91	24.03		
1.4	3	1		24.03	24.12	24.12		
1.4	3	3		23.87	23.82	23.79		
1.4	6	0		23.10	23.06	23.07		
1.4	1	0	16-QAM	23.02	22.94	23.04	27.23	0.5284
1.4	1	3		23.08	23.02	23.01		
1.4	1	5		23.11	23.19	23.21		
1.4	3	0		23.12	23.20	23.10		
1.4	3	1		23.38	23.34	23.33		
1.4	3	3		23.07	23.11	23.06		
1.4	6	0		22.02	21.98	22.05		
1.4	1	0	64-QAM	22.03	21.96	22.06	26.22	0.4188
1.4	1	3		22.17	22.27	22.16		
1.4	1	5		22.08	22.03	22.18		
1.4	3	0		22.27	22.37	22.31		
1.4	3	1		22.21	22.28	22.11		
1.4	3	3		22.12	22.10	22.19		
1.4	6	0		21.02	21.05	21.02		
1.4	1	0	256-QAM	19.30	19.30	19.31	23.16	0.2070
1.4	1	3		19.24	19.22	19.14		
1.4	1	5		19.18	19.26	19.11		
1.4	3	0		19.18	19.14	19.22		
1.4	3	1		19.01	18.93	19.08		
1.4	3	3		19.02	19.05	19.00		
1.4	6	0		19.10	19.10	19.18		
Limit	Power < 100W			Result			Pass	

LTE Band 26(Part90S) Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.11	-	27.96	0.6252
15	1	37		-	23.99	-		
15	1	74		-	24.04	-		
15	36	0		-	23.15	-		
15	36	20		-	23.26	-		
15	36	39		-	23.21	-		
15	75	0		-	23.24	-		
15	1	0	16-QAM	-	23.06	-	27.23	0.5284
15	1	37		-	23.38	-		
15	1	74		-	23.20	-		
15	36	0		-	22.25	-		
15	36	20		-	22.25	-		
15	36	39		-	22.19	-		
15	75	0		-	22.17	-		
15	1	0	64-QAM	-	22.45	-	26.30	0.4266
15	1	37		-	22.32	-		
15	1	74		-	22.23	-		
15	36	0		-	21.25	-		
15	36	20		-	21.16	-		
15	36	39		-	21.08	-		
15	75	0		-	21.13	-		
15	1	0	256-QAM	-	19.43	-	23.28	0.2128
15	1	37		-	19.33	-		
15	1	74		-	19.21	-		
15	36	0		-	19.17	-		
15	36	20		-	19.08	-		
15	36	39		-	19.17	-		
15	75	0		-	19.12	-		
Limit	Reporting Only			Result			N/A	

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.08	-	27.98	0.6281
10	1	25		-	24.13	-		
10	1	49		-	23.77	-		
10	25	0		-	23.17	-		
10	25	12		-	23.11	-		
10	25	25		-	23.11	-		
10	50	0		-	23.22	-		
10	1	0	16-QAM	-	22.91	-	27.29	0.5358
10	1	25		-	23.44	-		
10	1	49		-	23.10	-		
10	25	0		-	22.16	-		
10	25	12		-	22.06	-		
10	25	25		-	22.20	-		
10	50	0		-	22.20	-		
10	1	0	64-QAM	-	22.37	-	26.27	0.4236
10	1	25		-	22.42	-		
10	1	49		-	22.19	-		
10	25	0		-	21.11	-		
10	25	12		-	21.18	-		
10	25	25		-	21.05	-		
10	50	0		-	21.13	-		
10	1	0	256-QAM	-	19.39	-	23.24	0.2109
10	1	25		-	19.18	-		
10	1	49		-	19.20	-		
10	25	0		-	19.05	-		
10	25	12		-	19.07	-		
10	25	25		-	18.88	-		
10	50	0		-	19.12	-		
Limit	Reporting Only			Result			N/A	

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.08	-	27.93	0.6209
5	1	12		-	23.94	-		
5	1	24		-	23.83	-		
5	12	0		-	23.09	-		
5	12	7		-	23.12	-		
5	12	13		-	22.95	-		
5	25	0		-	23.20	-		
5	1	0	16-QAM	-	23.04	-	27.21	0.5260
5	1	12		-	23.36	-		
5	1	24		-	23.12	-		
5	12	0		-	22.08	-		
5	12	7		-	22.08	-		
5	12	13		-	22.10	-		
5	25	0		-	22.08	-		
5	1	0	64-QAM	-	22.43	-	26.28	0.4246
5	1	12		-	22.30	-		
5	1	24		-	22.00	-		
5	12	0		-	21.05	-		
5	12	7		-	21.05	-		
5	12	13		-	21.02	-		
5	25	0		-	20.94	-		
5	1	0	256-QAM	-	19.12	-	23.06	0.2023
5	1	12		-	19.21	-		
5	1	24		-	19.12	-		
5	12	0		-	19.05	-		
5	12	7		-	18.92	-		
5	12	13		-	19.00	-		
5	25	0		-	18.95	-		
Limit	Reporting Only			Result			N/A	

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.05	-	27.90	0.6166
3	1	8		-	23.96	-		
3	1	14		-	23.92	-		
3	8	0		-	23.04	-		
3	8	4		-	23.10	-		
3	8	7		-	23.03	-		
3	15	0		-	22.94	-		
3	1	0	16-QAM	-	23.19	-	27.12	0.5152
3	1	8		-	23.27	-		
3	1	14		-	23.20	-		
3	8	0		-	22.02	-		
3	8	4		-	21.93	-		
3	8	7		-	22.04	-		
3	15	0		-	22.14	-		
3	1	0	64-QAM	-	22.52	-	26.37	0.4335
3	1	8		-	22.26	-		
3	1	14		-	22.11	-		
3	8	0		-	21.11	-		
3	8	4		-	21.10	-		
3	8	7		-	21.00	-		
3	15	0		-	21.15	-		
3	1	0	256-QAM	-	19.35	-	23.20	0.2089
3	1	8		-	19.14	-		
3	1	14		-	19.25	-		
3	8	0		-	18.97	-		
3	8	4		-	19.16	-		
3	8	7		-	19.04	-		
3	15	0		-	19.11	-		
Limit	Reporting Only			Result			N/A	

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = 6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.11	-	27.96	0.6252
1.4	1	3		-	23.92	-		
1.4	1	5		-	23.95	-		
1.4	3	0		-	23.89	-		
1.4	3	1		-	24.05	-		
1.4	3	3		-	23.82	-		
1.4	6	0		-	23.15	-		
1.4	1	0	16-QAM	-	22.92	-	27.28	0.5346
1.4	1	3		-	23.03	-		
1.4	1	5		-	23.11	-		
1.4	3	0		-	23.14	-		
1.4	3	1		-	23.43	-		
1.4	3	3		-	23.07	-		
1.4	6	0		-	22.11	-		
1.4	1	0	64-QAM	-	22.10	-	26.21	0.4178
1.4	1	3		-	22.09	-		
1.4	1	5		-	22.04	-		
1.4	3	0		-	22.36	-		
1.4	3	1		-	22.31	-		
1.4	3	3		-	22.05	-		
1.4	6	0		-	21.05	-		
1.4	1	0	256-QAM	-	19.27	-	23.12	0.2051
1.4	1	3		-	19.16	-		
1.4	1	5		-	19.23	-		
1.4	3	0		-	19.13	-		
1.4	3	1		-	18.95	-		
1.4	3	3		-	19.07	-		
1.4	6	0		-	19.18	-		
Limit	Reporting Only			Result			N/A	

LTE Band 42(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.83	25.69	25.65	29.42	0.8750
20	1	49		25.92	25.83	25.74		
20	1	99		25.80	25.82	25.65		
20	50	0		24.86	24.85	24.79		
20	50	24		24.91	24.83	24.82		
20	50	50		24.78	24.87	24.67		
20	100	0		24.85	24.77	24.81		
20	1	0	16-QAM	25.21	25.03	25.13	28.71	0.7430
20	1	49		25.20	25.10	25.01		
20	1	99		25.11	25.07	24.87		
20	50	0		23.98	23.88	23.77		
20	50	24		23.99	23.83	23.76		
20	50	50		23.90	23.86	23.65		
20	100	0		23.98	23.82	23.73		
20	1	0	64-QAM	24.08	23.84	23.81	27.72	0.5916
20	1	49		24.22	24.04	23.86		
20	1	99		24.00	24.10	23.83		
20	50	0		22.96	22.83	22.76		
20	50	24		23.00	22.83	22.80		
20	50	50		22.88	22.83	22.68		
20	100	0		22.96	22.73	22.76		
20	1	0	256-QAM	21.04	20.91	20.91	24.58	0.2871
20	1	49		21.08	20.96	20.86		
20	1	99		20.83	20.72	20.58		
20	50	0		21.06	20.83	20.85		
20	50	24		21.03	20.83	20.68		
20	50	50		20.85	20.80	20.57		
20	100	0		21.01	20.80	20.84		
Limit	EIRP < 1W			Result			Pass	

LTE Band 42(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.77	25.54	25.62	29.36	0.8630
15	1	37		25.86	25.82	25.62		
15	1	74		25.60	25.62	25.61		
15	36	0		24.79	24.66	24.72		
15	36	20		24.77	24.74	24.70		
15	36	39		24.65	24.74	24.67		
15	75	0		24.79	24.74	24.78		
15	1	0	16-QAM	25.18	24.95	25.08	28.68	0.7379
15	1	37		25.04	25.02	24.95		
15	1	74		25.10	24.95	24.71		
15	36	0		23.84	23.83	23.77		
15	36	20		23.95	23.64	23.61		
15	36	39		23.84	23.79	23.50		
15	75	0		23.93	23.67	23.53		
15	1	0	64-QAM	24.02	23.84	23.68	27.59	0.5741
15	1	37		24.09	23.87	23.85		
15	1	74		23.90	24.00	23.69		
15	36	0		22.86	22.72	22.66		
15	36	20		22.80	22.67	22.62		
15	36	39		22.73	22.71	22.52		
15	75	0		22.85	22.64	22.67		
15	1	0	256-QAM	20.99	20.83	20.78	24.49	0.2812
15	1	37		20.89	20.91	20.82		
15	1	74		20.81	20.60	20.47		
15	36	0		20.88	20.76	20.84		
15	36	20		20.86	20.64	20.65		
15	36	39		20.72	20.73	20.57		
15	75	0		20.99	20.67	20.73		
Limit	EIRP < 1W			Result			Pass	

LTE Band 42(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.76	25.68	25.50	29.32	0.8551
10	1	25		25.82	25.67	25.73		
10	1	49		25.75	25.70	25.45		
10	25	0		24.82	24.67	24.61		
10	25	12		24.78	24.66	24.69		
10	25	25		24.66	24.76	24.57		
10	50	0		24.74	24.76	24.74		
10	1	0	16-QAM	25.10	24.94	24.97	28.60	0.7244
10	1	25		25.01	25.04	25.01		
10	1	49		25.02	24.92	24.75		
10	25	0		23.80	23.78	23.59		
10	25	12		23.87	23.73	23.59		
10	25	25		23.75	23.78	23.49		
10	50	0		23.88	23.67	23.53		
10	1	0	64-QAM	23.93	23.69	23.74	27.69	0.5875
10	1	25		24.19	23.90	23.79		
10	1	49		23.82	23.98	23.70		
10	25	0		22.88	22.69	22.74		
10	25	12		23.00	22.81	22.78		
10	25	25		22.71	22.75	22.63		
10	50	0		22.95	22.58	22.72		
10	1	0	256-QAM	20.90	20.79	20.77	24.50	0.2818
10	1	25		20.94	20.81	20.68		
10	1	49		20.82	20.67	20.53		
10	25	0		20.87	20.75	20.78		
10	25	12		21.00	20.79	20.53		
10	25	25		20.83	20.68	20.49		
10	50	0		20.83	20.69	20.79		
Limit	EIRP < 1W			Result			Pass	

LTE Band 42(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.81	25.59	25.63	29.39	0.8690
5	1	12		25.89	25.77	25.68		
5	1	24		25.78	25.66	25.57		
5	12	0		24.67	24.80	24.68		
5	12	7		24.80	24.80	24.82		
5	12	13		24.65	24.70	24.50		
5	25	0		24.73	24.61	24.70		
5	1	0	16-QAM	25.02	25.00	25.02	28.65	0.7328
5	1	12		25.15	24.99	24.90		
5	1	24		24.93	25.03	24.78		
5	12	0		23.95	23.73	23.74		
5	12	7		23.92	23.76	23.66		
5	12	13		23.72	23.71	23.46		
5	25	0		23.90	23.82	23.70		
5	1	0	64-QAM	23.96	23.70	23.72	27.59	0.5741
5	1	12		24.09	24.00	23.81		
5	1	24		23.97	23.94	23.66		
5	12	0		22.96	22.77	22.66		
5	12	7		22.99	22.76	22.66		
5	12	13		22.75	22.64	22.49		
5	25	0		22.90	22.56	22.68		
5	1	0	256-QAM	20.92	20.87	20.91	24.57	0.2864
5	1	12		21.07	20.96	20.78		
5	1	24		20.79	20.69	20.48		
5	12	0		21.01	20.66	20.79		
5	12	7		20.87	20.68	20.68		
5	12	13		20.83	20.65	20.42		
5	25	0		20.95	20.68	20.76		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.47	23.40	23.16	28.97	0.7889
20	1	49		23.44	23.39	23.17		
20	1	99		23.43	23.27	23.04		
20	50	0		22.46	22.43	22.19		
20	50	24		22.55	22.49	22.18		
20	50	50		22.48	22.38	22.16		
20	100	0		22.53	22.45	22.16		
20	1	0	16-QAM	22.55	22.44	22.15	28.05	0.6383
20	1	49		22.53	22.40	22.11		
20	1	99		22.50	22.29	22.08		
20	50	0		21.56	21.52	21.21		
20	50	24		21.59	21.53	21.19		
20	50	50		21.49	21.39	21.14		
20	100	0		21.54	21.48	21.16		
20	1	0	64-QAM	21.42	21.44	21.11	26.95	0.4955
20	1	49		21.39	21.45	21.14		
20	1	99		21.34	21.41	21.05		
20	50	0		20.41	20.40	20.21		
20	50	24		20.46	20.43	20.21		
20	50	50		20.35	20.36	20.15		
20	100	0		20.40	20.37	20.11		
20	1	0	256-QAM	18.31	18.30	18.08	23.96	0.2489
20	1	49		18.39	18.29	18.11		
20	1	99		18.18	18.03	18.00		
20	50	0		18.44	18.37	18.21		
20	50	24		18.46	18.39	18.19		
20	50	50		18.29	18.18	18.01		
20	100	0		18.44	18.33	18.07		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.23	23.31	23.02	28.84	0.7656
15	1	37		23.28	23.34	23.15		
15	1	74		23.32	23.12	22.98		
15	36	0		22.34	22.24	22.15		
15	36	20		22.49	22.33	22.09		
15	36	39		22.39	22.19	22.05		
15	75	0		22.34	22.37	22.16		
15	1	0	16-QAM	22.42	22.34	22.07	27.92	0.6194
15	1	37		22.40	22.23	21.98		
15	1	74		22.31	22.18	21.91		
15	36	0		21.47	21.43	21.14		
15	36	20		21.59	21.36	21.19		
15	36	39		21.44	21.22	20.96		
15	75	0		21.37	21.43	21.04		
15	1	0	64-QAM	21.40	21.38	20.96	26.9	0.4898
15	1	37		21.38	21.32	21.01		
15	1	74		21.32	21.31	21.00		
15	36	0		20.26	20.22	20.19		
15	36	20		20.44	20.35	20.18		
15	36	39		20.33	20.22	20.09		
15	75	0		20.39	20.28	20.01		
15	1	0	256-QAM	18.22	18.26	17.97	23.91	0.2460
15	1	37		18.20	18.17	18.09		
15	1	74		18.11	17.87	17.99		
15	36	0		18.34	18.29	18.14		
15	36	20		18.41	18.34	18.02		
15	36	39		18.27	18.06	17.95		
15	75	0		18.27	18.13	18.00		
Limit	EIRP < 1W			Result			Pass	

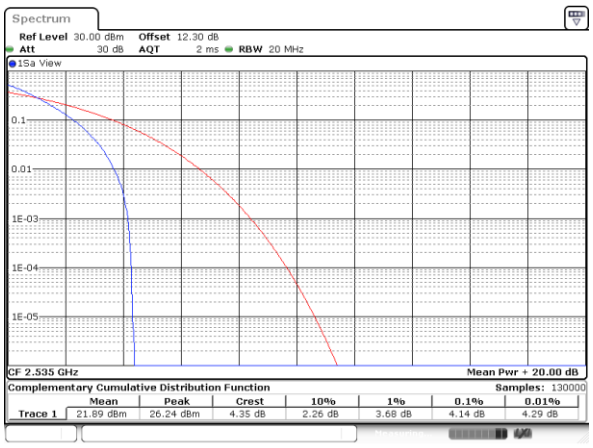
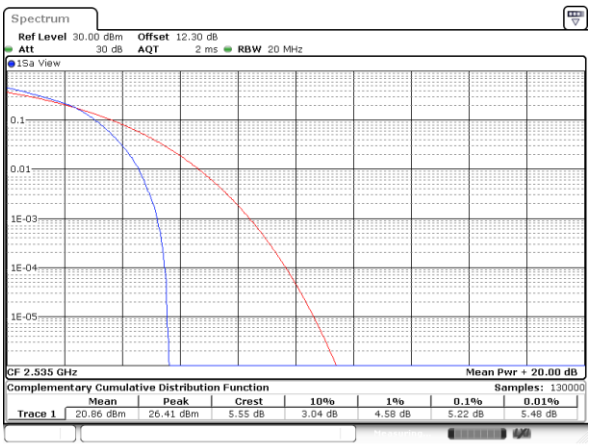
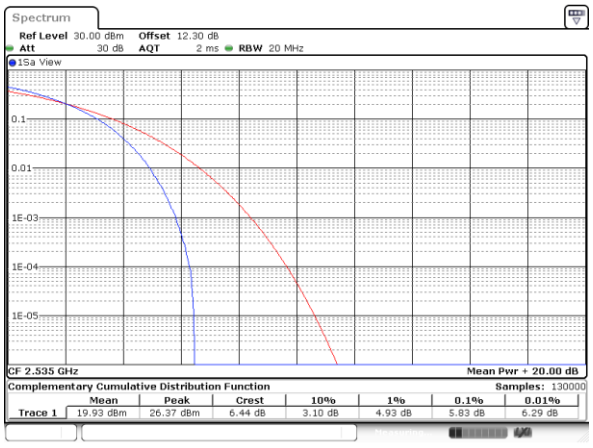
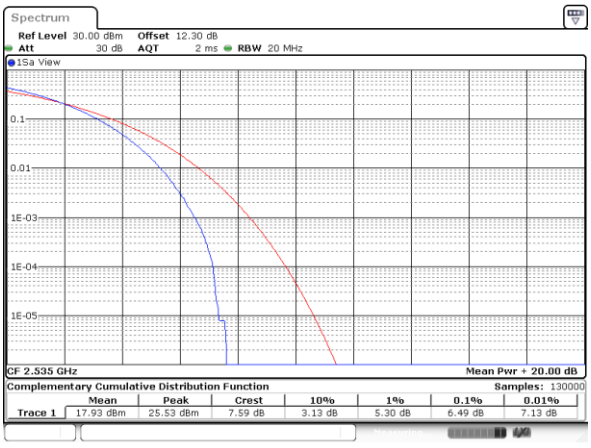
LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.24	23.35	23.04	28.85	0.7674
10	1	25		23.30	23.25	23.01		
10	1	49		23.32	23.20	23.04		
10	25	0		22.39	22.42	22.01		
10	25	12		22.36	22.43	22.02		
10	25	25		22.30	22.26	22.00		
10	50	0		22.39	22.30	21.99		
10	1	0	16-QAM	22.45	22.24	21.97	27.95	0.6237
10	1	25		22.41	22.24	22.03		
10	1	49		22.30	22.24	21.97		
10	25	0		21.40	21.36	21.12		
10	25	12		21.52	21.50	20.99		
10	25	25		21.46	21.21	20.94		
10	50	0		21.43	21.46	21.02		
10	1	0	64-QAM	21.31	21.30	20.97	26.87	0.4864
10	1	25		21.34	21.37	21.09		
10	1	49		21.26	21.23	21.00		
10	25	0		20.23	20.40	20.06		
10	25	12		20.44	20.41	20.11		
10	25	25		20.23	20.21	20.03		
10	50	0		20.23	20.19	20.06		
10	1	0	256-QAM	18.16	18.29	17.94	23.84	0.2421
10	1	25		18.25	18.29	18.06		
10	1	49		18.07	17.88	17.99		
10	25	0		18.29	18.17	18.11		
10	25	12		18.34	18.21	18.04		
10	25	25		18.28	18.11	17.90		
10	50	0		18.33	18.24	18.05		
Limit	EIRP < 1W			Result			Pass	

LTE Band 43 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.33	23.31	23.01	28.88	0.7727
5	1	12		23.31	23.38	23.07		
5	1	24		23.33	23.08	22.91		
5	12	0		22.46	22.36	22.09		
5	12	7		22.42	22.35	22.08		
5	12	13		22.37	22.35	21.97		
5	25	0		22.36	22.25	21.99		
5	1	0	16-QAM	22.42	22.38	22.05	27.92	0.6194
5	1	12		22.35	22.39	22.00		
5	1	24		22.41	22.14	21.95		
5	12	0		21.42	21.52	21.19		
5	12	7		21.48	21.51	21.13		
5	12	13		21.35	21.20	21.05		
5	25	0		21.43	21.31	20.99		
5	1	0	64-QAM	21.30	21.32	21.05	26.92	0.4920
5	1	12		21.38	21.42	20.98		
5	1	24		21.31	21.38	20.88		
5	12	0		20.28	20.37	20.12		
5	12	7		20.29	20.23	20.12		
5	12	13		20.32	20.35	20.14		
5	25	0		20.22	20.31	20.02		
5	1	0	256-QAM	18.12	18.21	18.08	23.87	0.2438
5	1	12		18.26	18.09	17.91		
5	1	24		18.06	17.95	17.92		
5	12	0		18.30	18.29	18.13		
5	12	7		18.37	18.24	18.17		
5	12	13		18.10	18.15	17.91		
5	25	0		18.32	18.24	17.95		
Limit	EIRP < 1W			Result			Pass	

LTE Band 7

Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.14	5.22	5.83	6.49	PASS

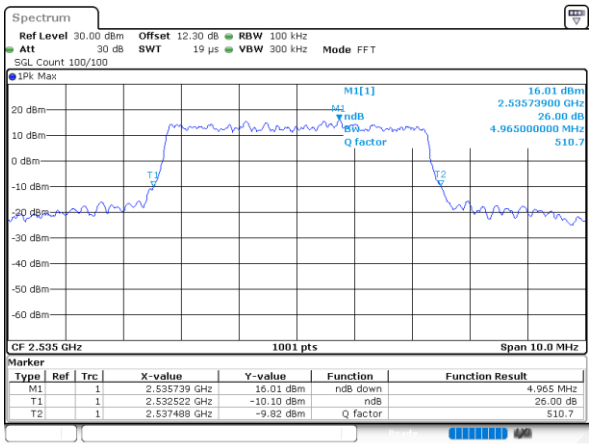
LTE Band 7 / 20MHz / QPSK	LTE Band 7 / 20MHz / 16QAM
Middle Channel / Full RB	Middle Channel / Full RB
	
LTE Band 7 / 20MHz / 64QAM	LTE Band 7 / 20MHz / 256QAM
Middle Channel / Full RB	Middle Channel / Full RB
	

26dB Bandwidth

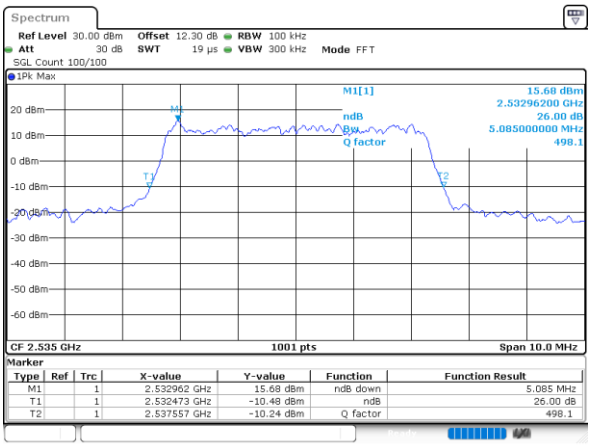
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.96	5.08	10.07	9.89	14.41	14.65	19.26	19.22
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.94	5.03	9.71	10.05	14.68	14.89	18.74	19.14

LTE Band 7

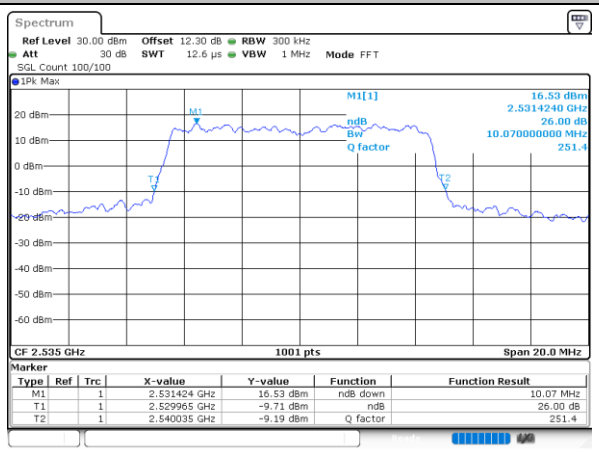
Middle Channel / 5MHz / QPSK



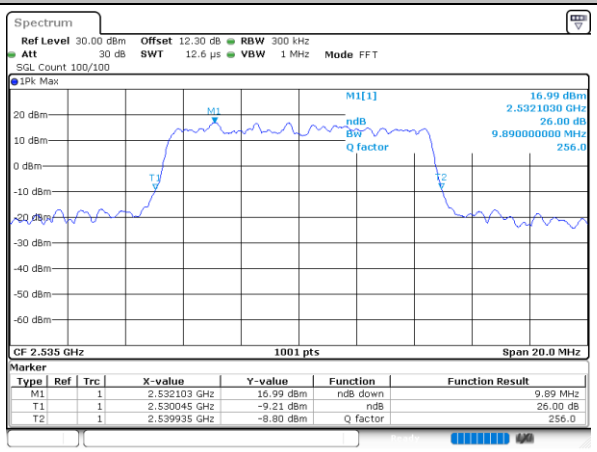
Middle Channel / 5MHz / 16QAM



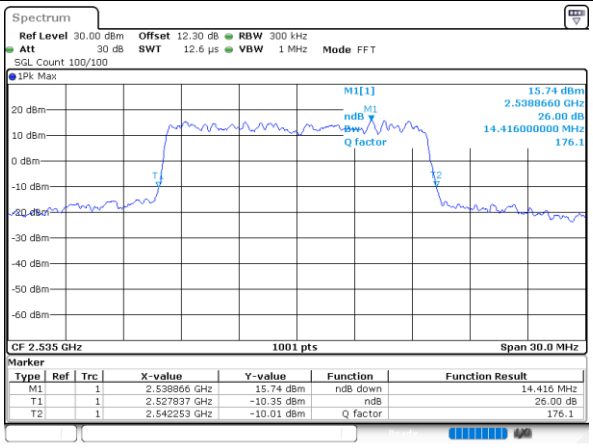
Middle Channel / 10MHz / QPSK



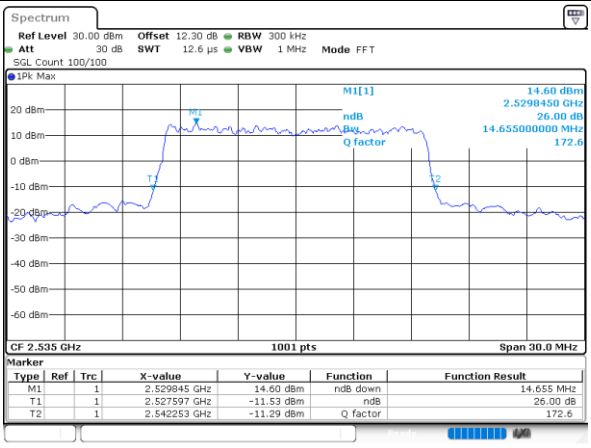
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

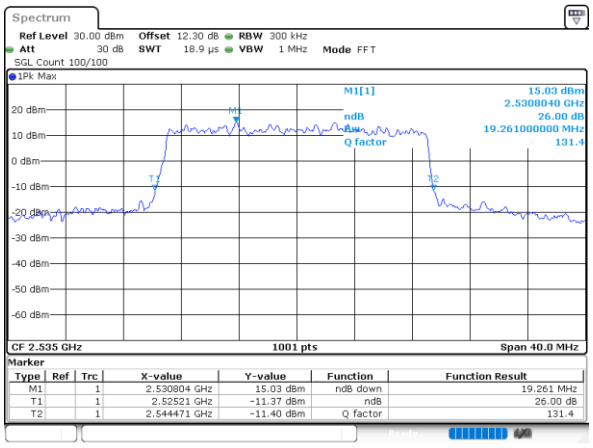


Middle Channel / 15MHz / 16QAM

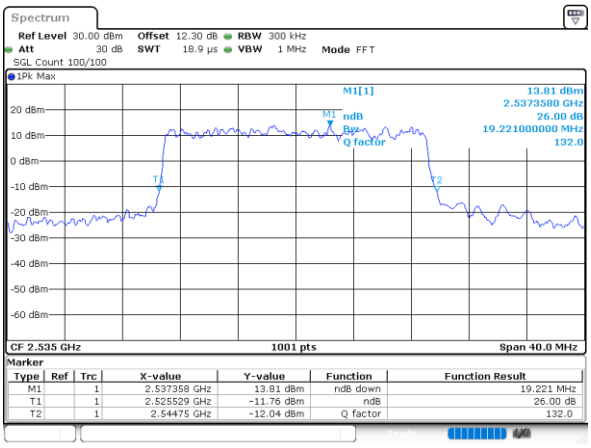


LTE Band 7

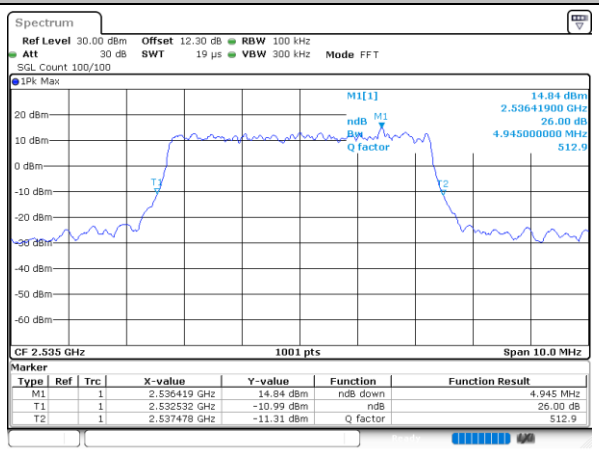
Middle Channel / 20MHz / QPSK



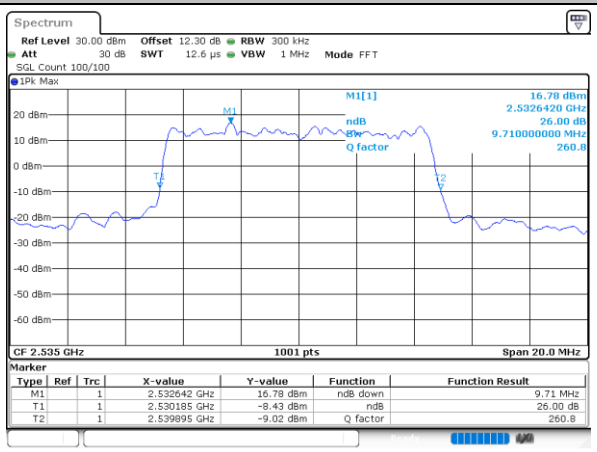
Middle Channel / 20MHz / 16QAM



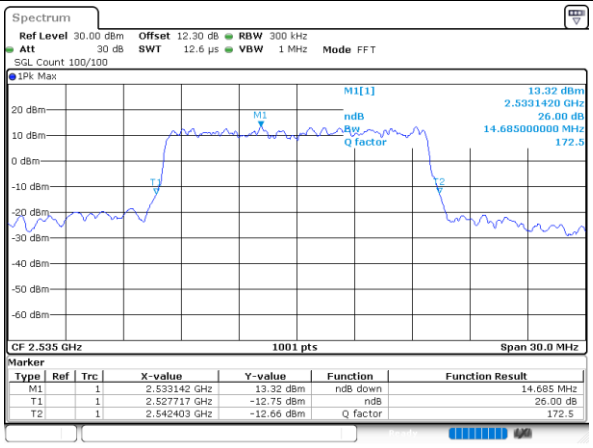
Middle Channel / 5MHz / 64QAM



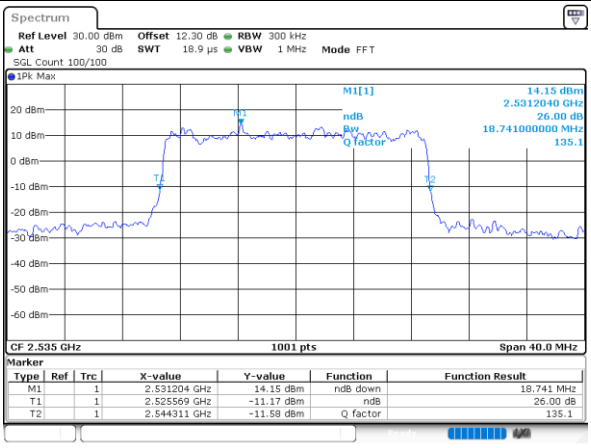
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

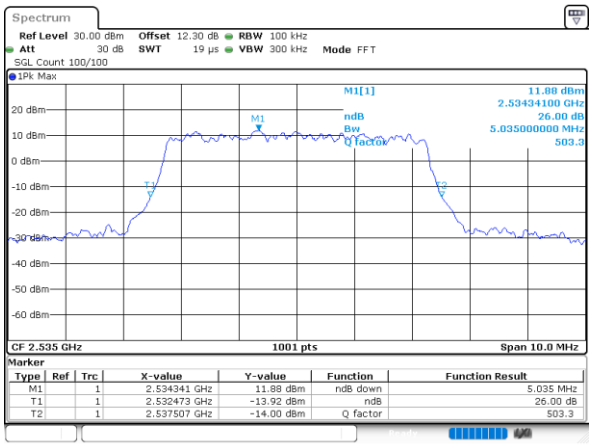


Middle Channel / 20MHz / 64QAM

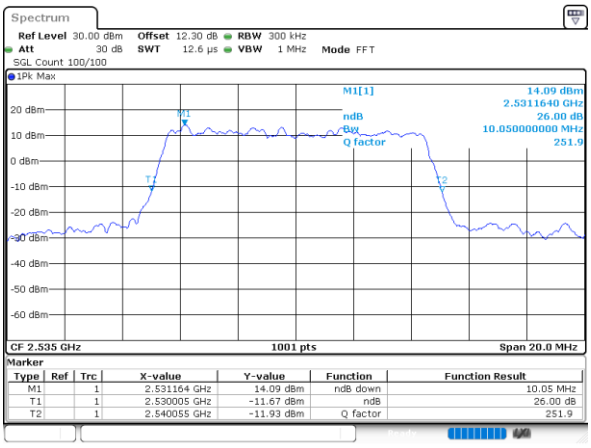


LTE Band 7

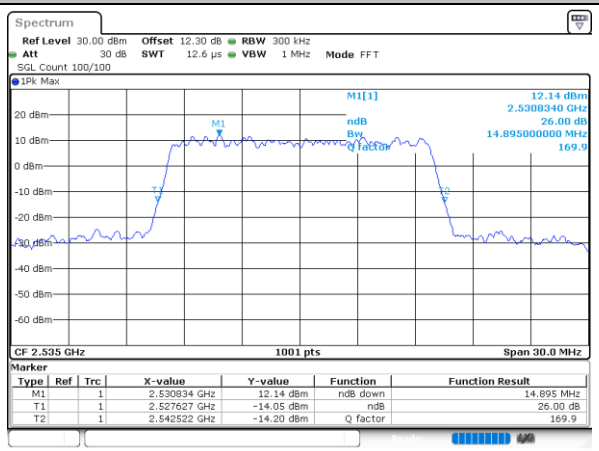
Middle Channel / 5MHz / 256QAM



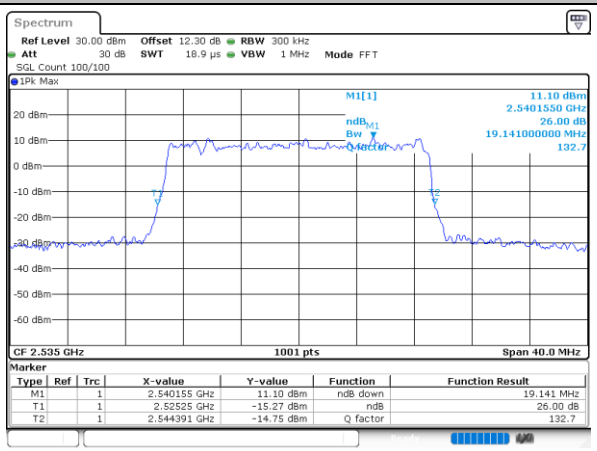
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

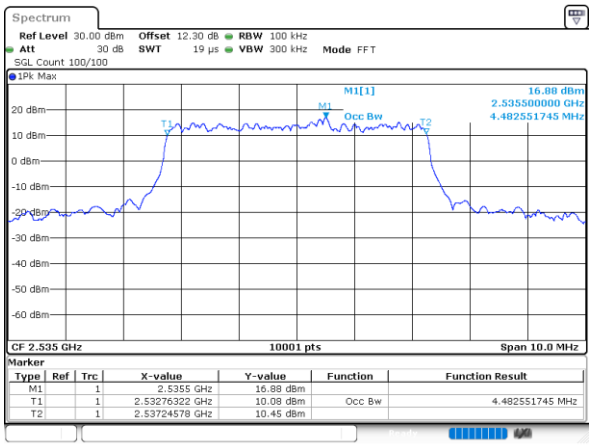


Occupied Bandwidth

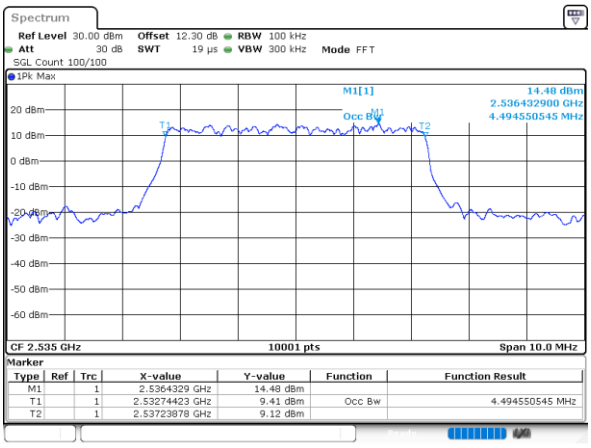
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.49	9.16	9.08	13.43	13.49	17.89	17.85
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.48	4.50	9.01	9.06	13.45	13.48	17.98	17.87

LTE Band 7

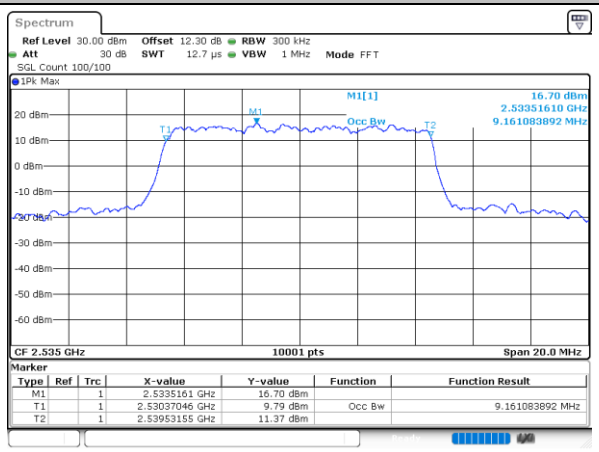
Middle Channel / 5MHz / QPSK



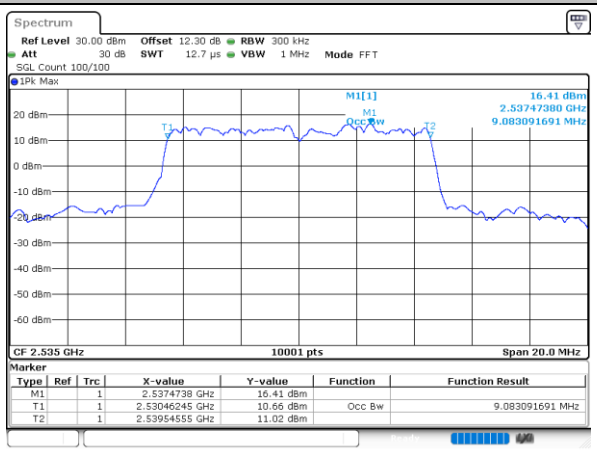
Middle Channel / 5MHz / 16QAM



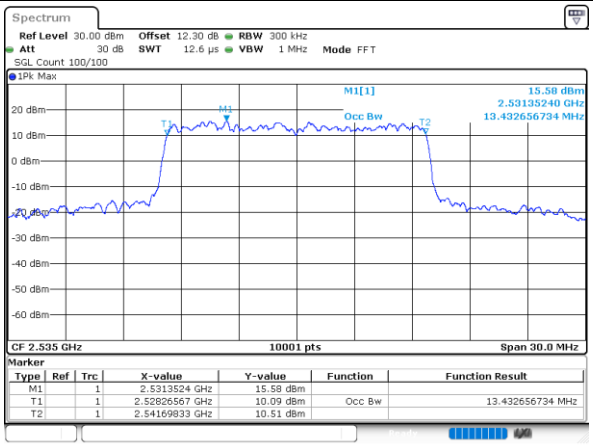
Middle Channel / 10MHz / QPSK



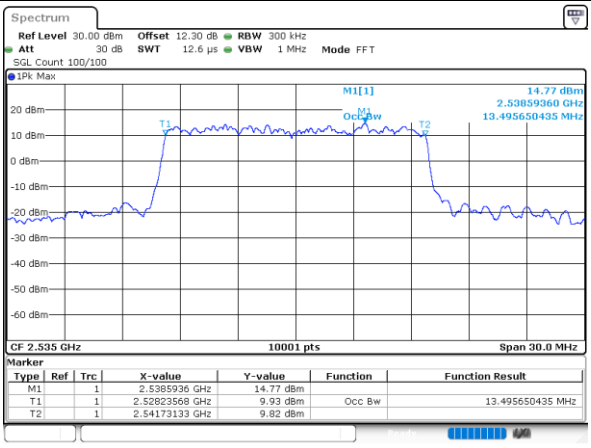
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK

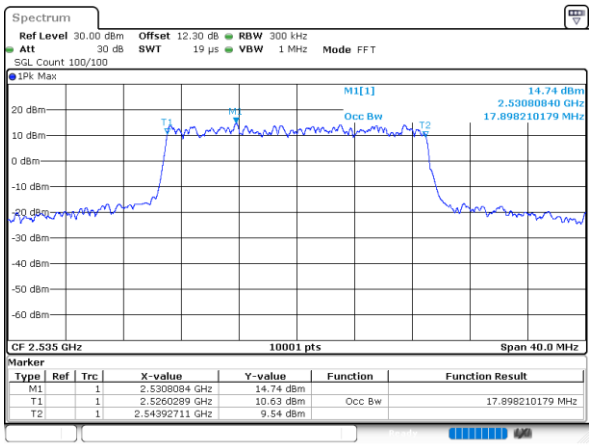


Middle Channel / 15MHz / 16QAM

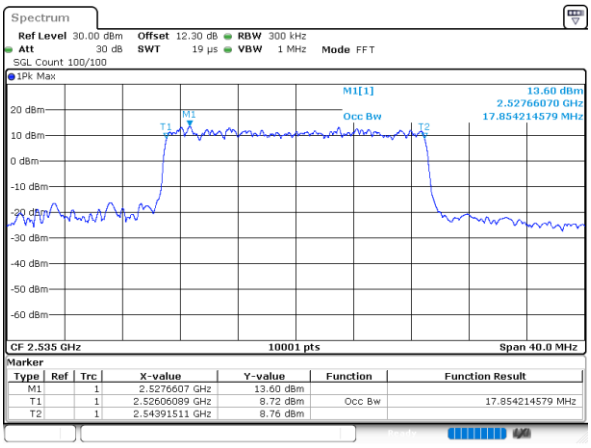


LTE Band 7

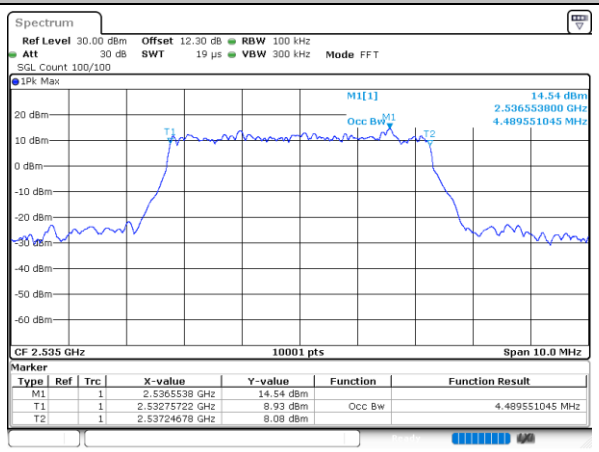
Middle Channel / 20MHz / QPSK



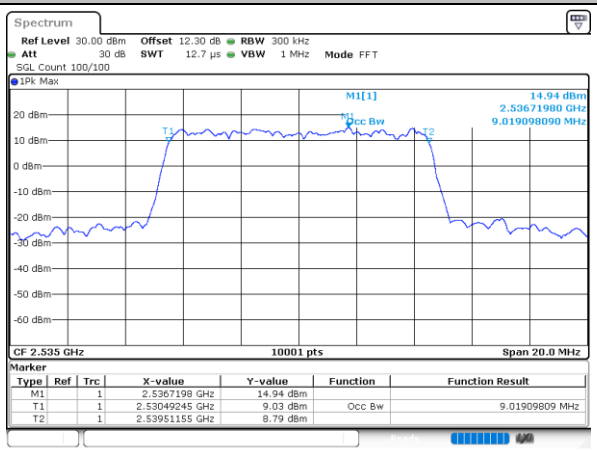
Middle Channel / 20MHz / 16QAM



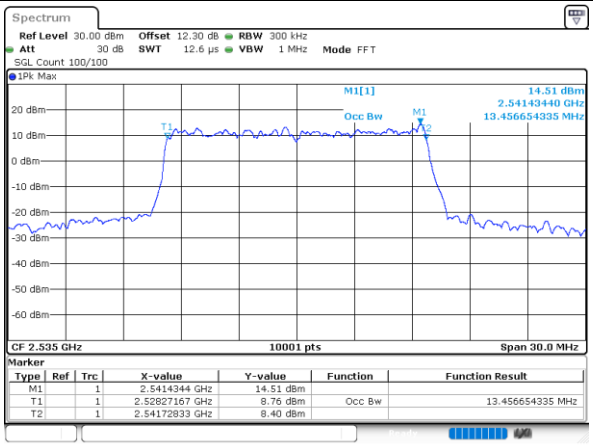
Middle Channel / 5MHz / 64QAM



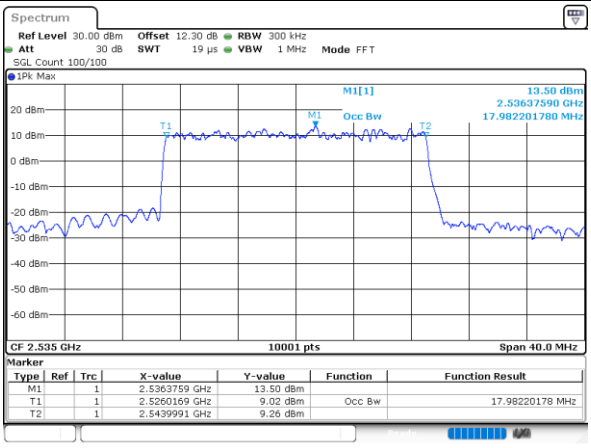
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM

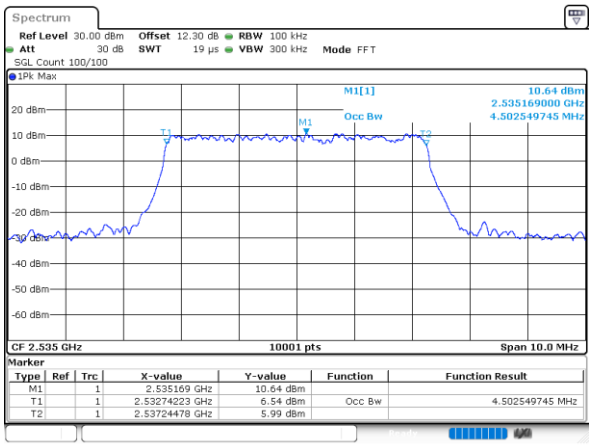


Middle Channel / 20MHz / 64QAM

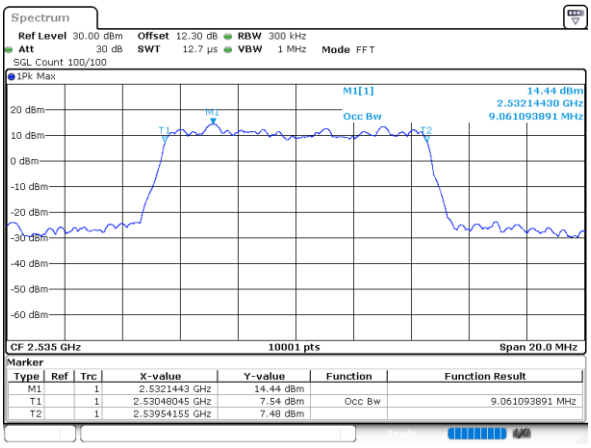


LTE Band 7

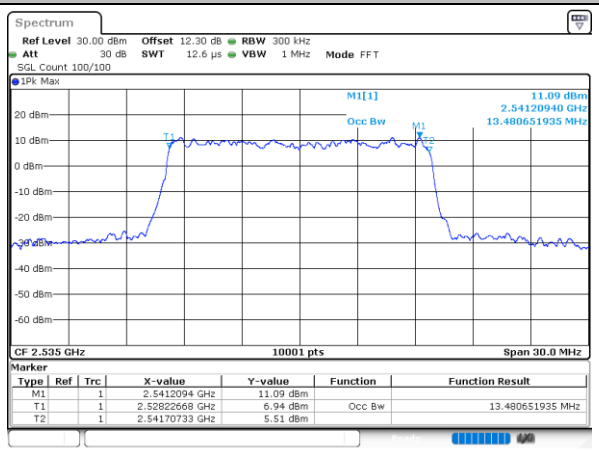
Middle Channel / 5MHz / 256QAM



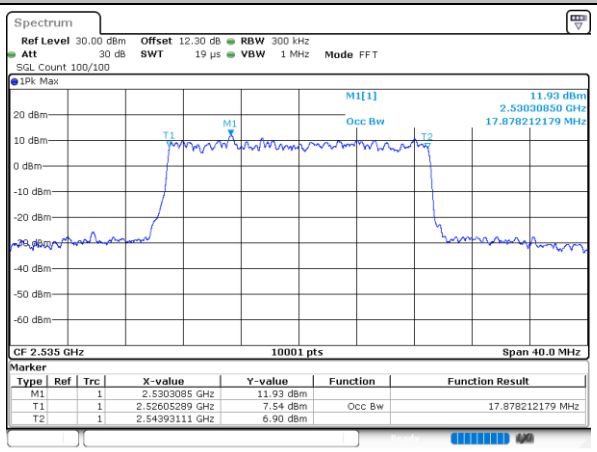
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



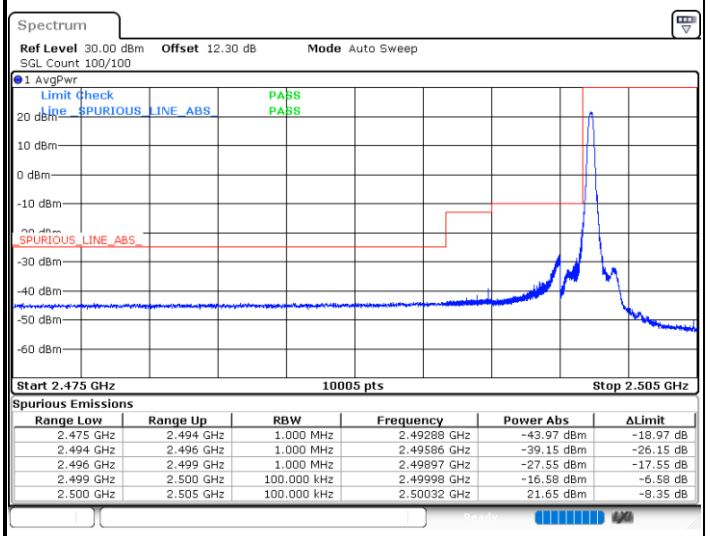
Middle Channel / 20MHz / 256QAM



Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB

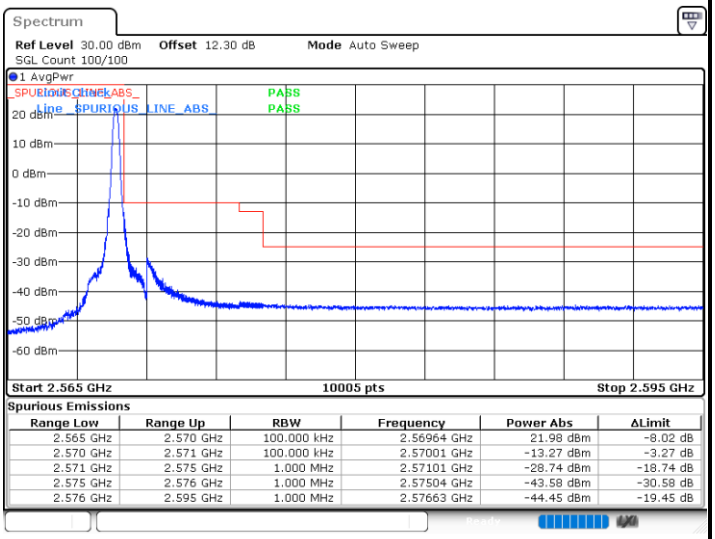


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49288 GHz	-43.97 dBm	-18.97 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49586 GHz	-39.15 dBm	-26.15 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-27.55 dBm	-17.55 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-16.58 dBm	-6.58 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	21.65 dBm	-8.35 dB

Date: 8.NOV.2024 19:43:33

Highest Band Edge / 1 RB

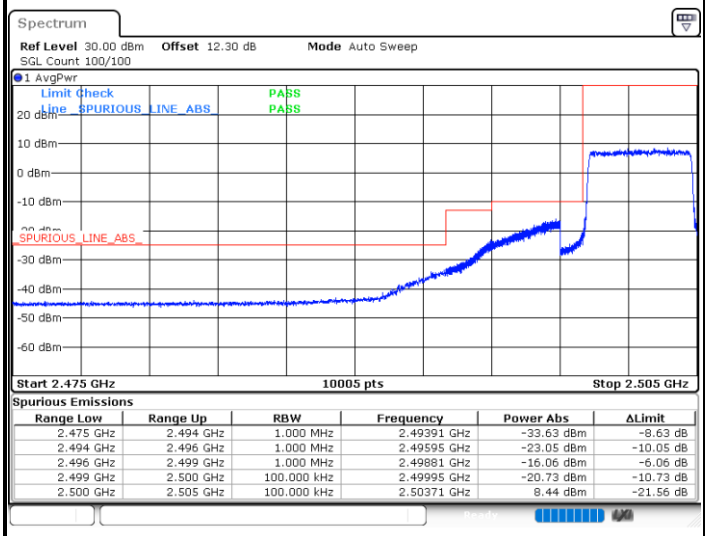


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	21.98 dBm	-8.02 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-13.27 dBm	-3.27 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-28.74 dBm	-18.74 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57504 GHz	-43.58 dBm	-30.58 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57663 GHz	-44.45 dBm	-19.45 dB

Date: 8.NOV.2024 19:52:01

Lowest Band Edge / Full RB

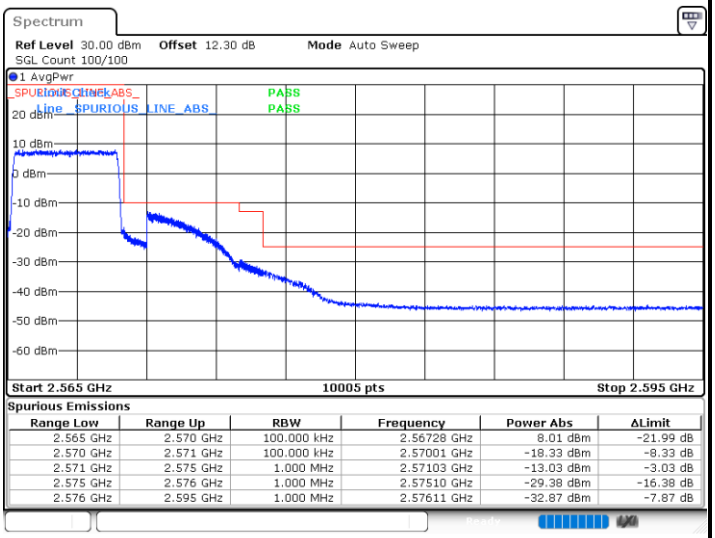


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49391 GHz	-33.63 dBm	-8.63 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-23.05 dBm	-10.05 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49881 GHz	-16.06 dBm	-6.06 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49995 GHz	-20.73 dBm	-10.73 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50371 GHz	8.44 dBm	-21.56 dB

Date: 8.NOV.2024 19:47:47

Highest Band Edge / Full RB



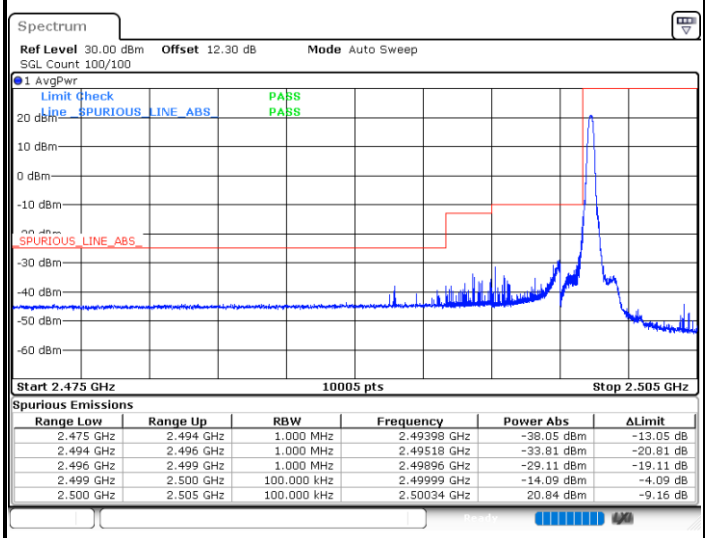
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56728 GHz	8.01 dBm	-21.99 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-18.33 dBm	-8.33 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-13.03 dBm	-3.03 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57510 GHz	-29.38 dBm	-16.38 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57611 GHz	-32.87 dBm	-7.87 dB

Date: 8.NOV.2024 19:56:15

LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

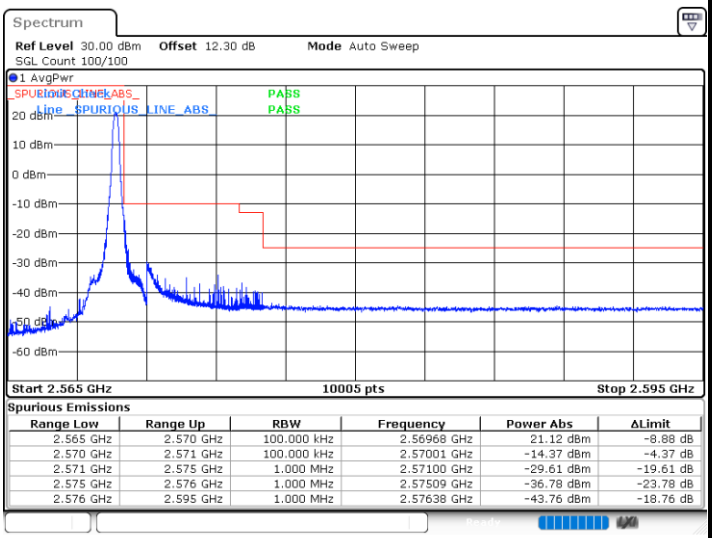


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49398 GHz	-38.05 dBm	-13.05 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49518 GHz	-33.81 dBm	-20.81 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49896 GHz	-29.11 dBm	-19.11 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49999 GHz	-14.09 dBm	-4.09 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50034 GHz	20.84 dBm	-9.16 dB

Date: 8.NOV.2024 19:44:36

Highest Band Edge / 1 RB

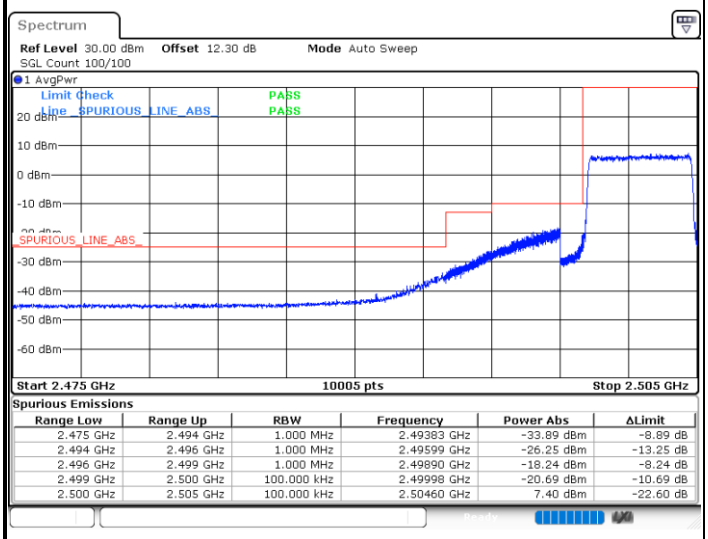


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56968 GHz	21.12 dBm	-8.88 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-14.37 dBm	-4.37 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-29.61 dBm	-19.61 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57509 GHz	-36.78 dBm	-23.78 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57638 GHz	-43.76 dBm	-18.76 dB

Date: 8.NOV.2024 19:53:04

Lowest Band Edge / Full RB

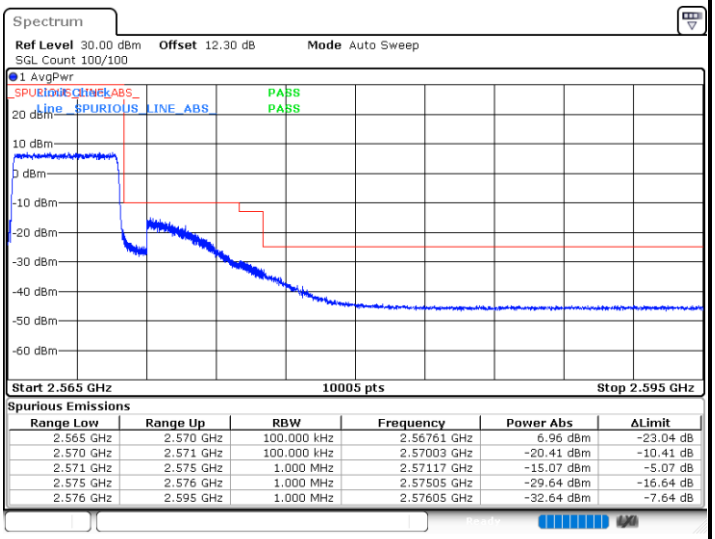


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49383 GHz	-33.89 dBm	-8.89 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-26.25 dBm	-13.25 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49890 GHz	-18.24 dBm	-8.24 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-20.69 dBm	-10.69 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50460 GHz	7.40 dBm	-22.60 dB

Date: 8.NOV.2024 19:48:50

Highest Band Edge / Full RB



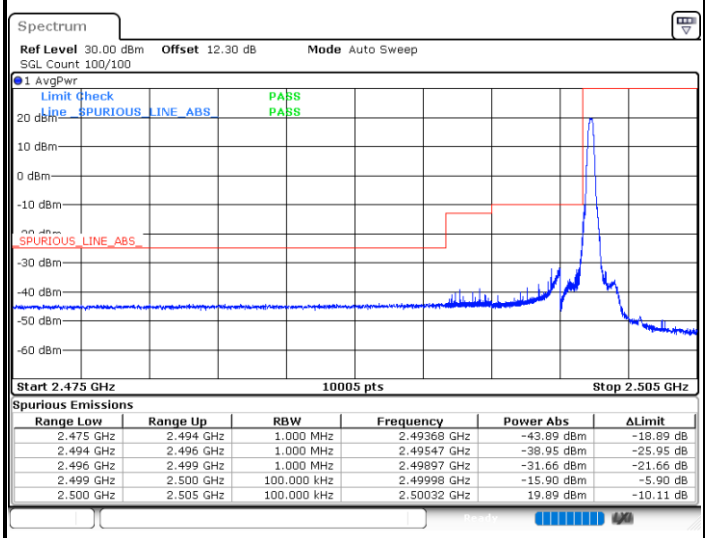
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56761 GHz	6.96 dBm	-23.04 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57003 GHz	-20.41 dBm	-10.41 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57117 GHz	-15.07 dBm	-5.07 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57505 GHz	-29.64 dBm	-16.64 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57605 GHz	-32.64 dBm	-7.64 dB

Date: 8.NOV.2024 19:57:18

LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

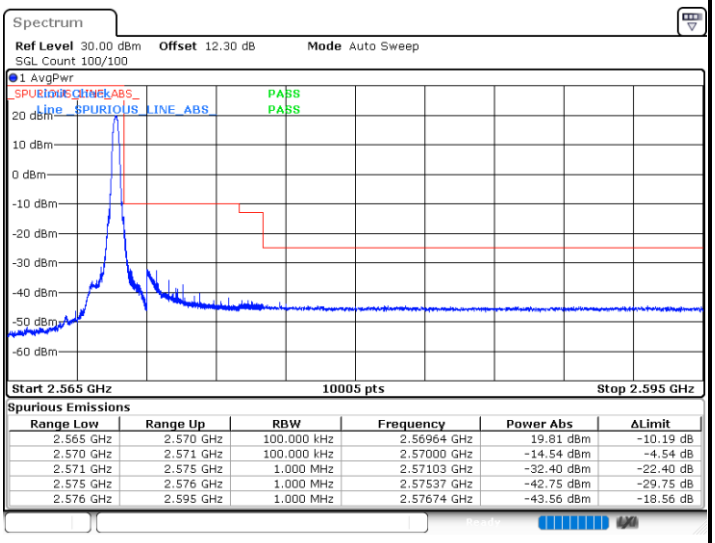


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49368 GHz	-43.89 dBm	-18.89 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49547 GHz	-38.95 dBm	-25.95 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-31.66 dBm	-21.66 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49998 GHz	-15.90 dBm	-5.90 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50032 GHz	19.89 dBm	-10.11 dB

Date: 8.NOV.2024 19:45:39

Highest Band Edge / 1 RB

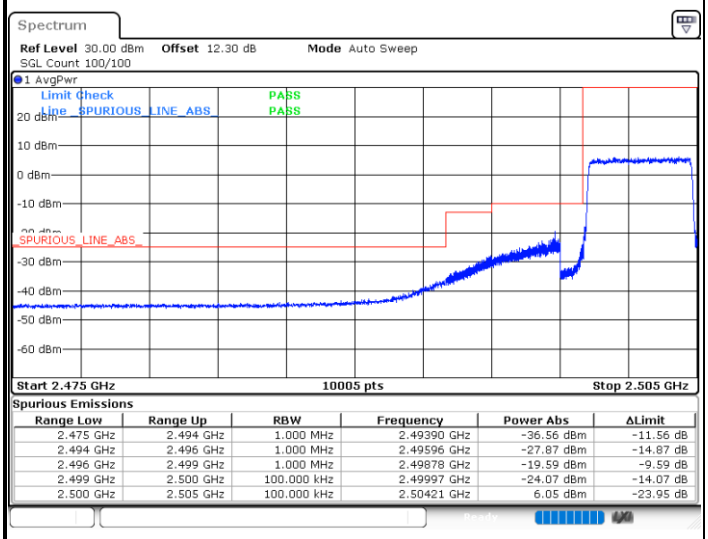


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56964 GHz	19.81 dBm	-10.19 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-14.54 dBm	-4.54 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57103 GHz	-32.40 dBm	-22.40 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57537 GHz	-42.75 dBm	-29.75 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57674 GHz	-43.56 dBm	-18.56 dB

Date: 8.NOV.2024 19:54:07

Lowest Band Edge / Full RB

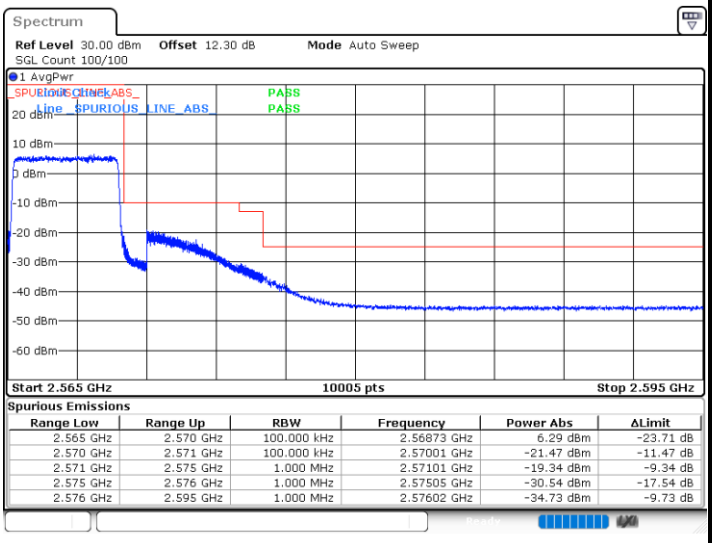


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49390 GHz	-36.56 dBm	-11.56 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49596 GHz	-27.87 dBm	-14.87 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49878 GHz	-19.59 dBm	-9.59 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.49997 GHz	-24.07 dBm	-14.07 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50421 GHz	6.05 dBm	-23.95 dB

Date: 8.NOV.2024 19:49:53

Highest Band Edge / Full RB



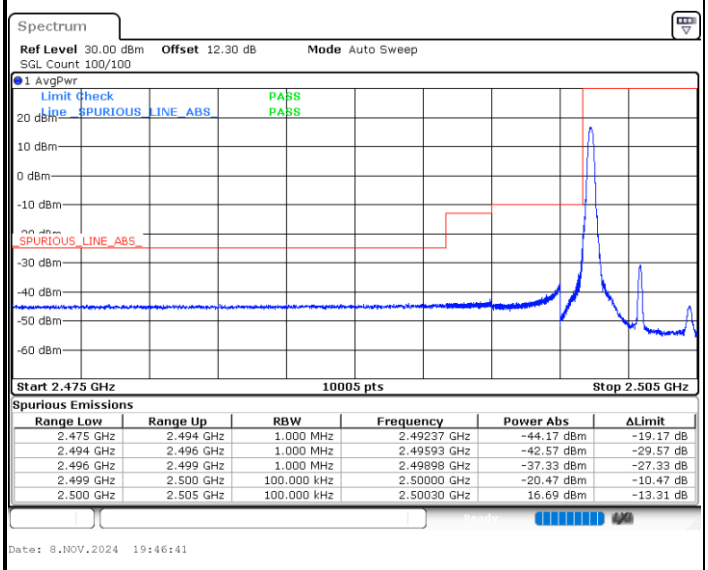
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56873 GHz	6.29 dBm	-23.71 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57001 GHz	-21.47 dBm	-11.47 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-19.34 dBm	-9.34 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57505 GHz	-30.54 dBm	-17.54 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57602 GHz	-34.73 dBm	-9.73 dB

Date: 8.NOV.2024 19:58:21

LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB

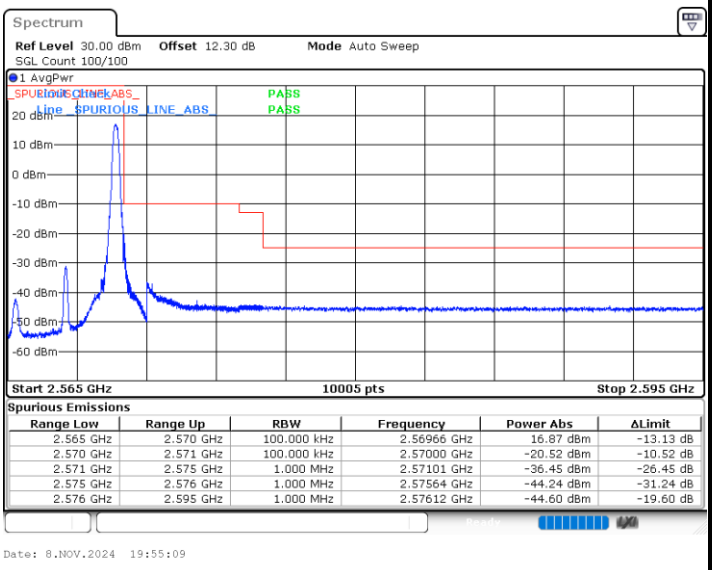


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49237 GHz	-44.17 dBm	-19.17 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49593 GHz	-42.57 dBm	-29.57 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-37.33 dBm	-27.33 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-20.47 dBm	-10.47 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50030 GHz	16.69 dBm	-13.31 dB

Date: 8.NOV.2024 19:46:41

Highest Band Edge / 1 RB

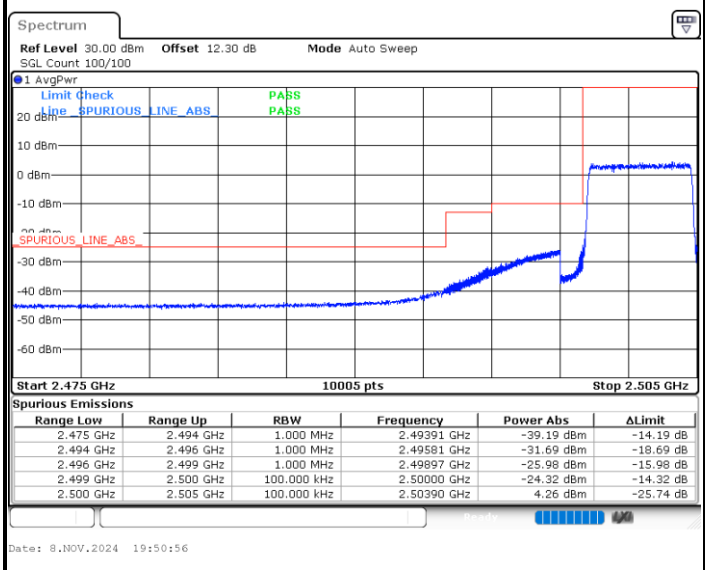


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56966 GHz	16.87 dBm	-13.13 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57000 GHz	-20.52 dBm	-10.52 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57101 GHz	-36.45 dBm	-26.45 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57564 GHz	-44.24 dBm	-31.24 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57612 GHz	-44.60 dBm	-19.60 dB

Date: 8.NOV.2024 19:55:09

Lowest Band Edge / Full RB

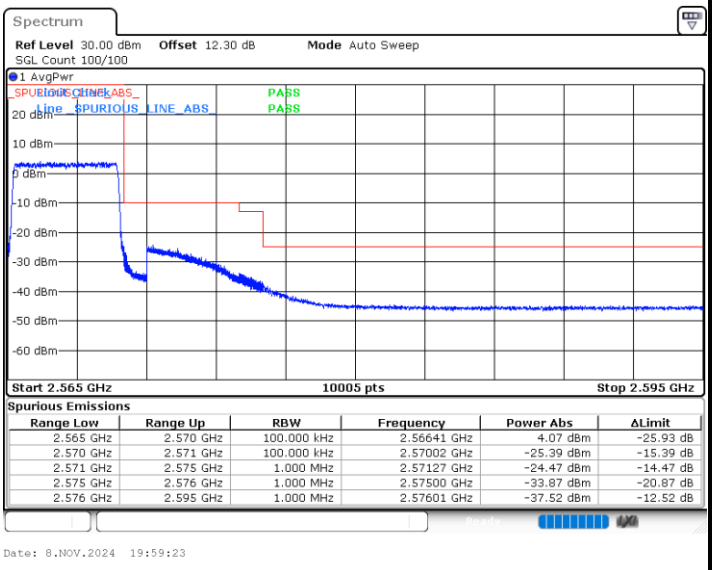


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.494 GHz	1.000 MHz	2.49391 GHz	-39.19 dBm	-14.19 dB
2.494 GHz	2.496 GHz	1.000 MHz	2.49581 GHz	-31.69 dBm	-18.69 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-25.98 dBm	-15.98 dB
2.499 GHz	2.500 GHz	100.000 kHz	2.50000 GHz	-24.32 dBm	-14.32 dB
2.500 GHz	2.505 GHz	100.000 kHz	2.50390 GHz	4.26 dBm	-25.74 dB

Date: 8.NOV.2024 19:50:56

Highest Band Edge / Full RB



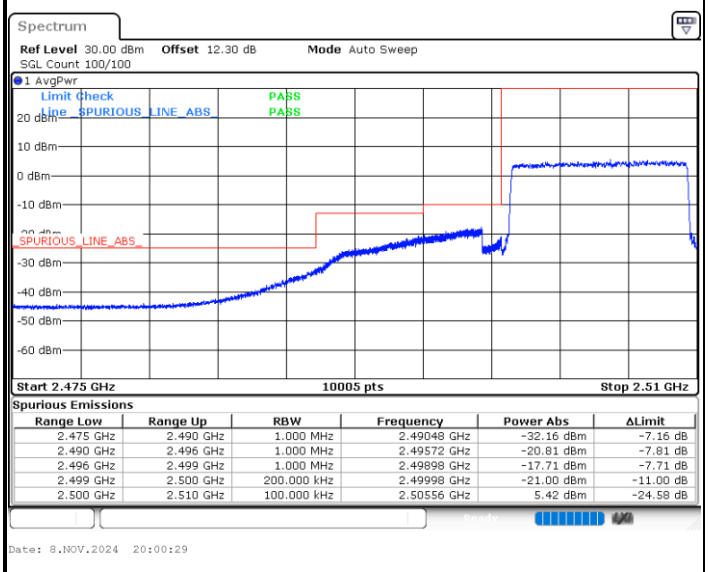
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.565 GHz	2.570 GHz	100.000 kHz	2.56641 GHz	4.07 dBm	-25.93 dB
2.570 GHz	2.571 GHz	100.000 kHz	2.57002 GHz	-25.39 dBm	-15.39 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57127 GHz	-24.47 dBm	-14.47 dB
2.575 GHz	2.576 GHz	1.000 MHz	2.57500 GHz	-33.87 dBm	-20.87 dB
2.576 GHz	2.595 GHz	1.000 MHz	2.57601 GHz	-37.52 dBm	-12.52 dB

Date: 8.NOV.2024 19:59:23

LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / Full RB

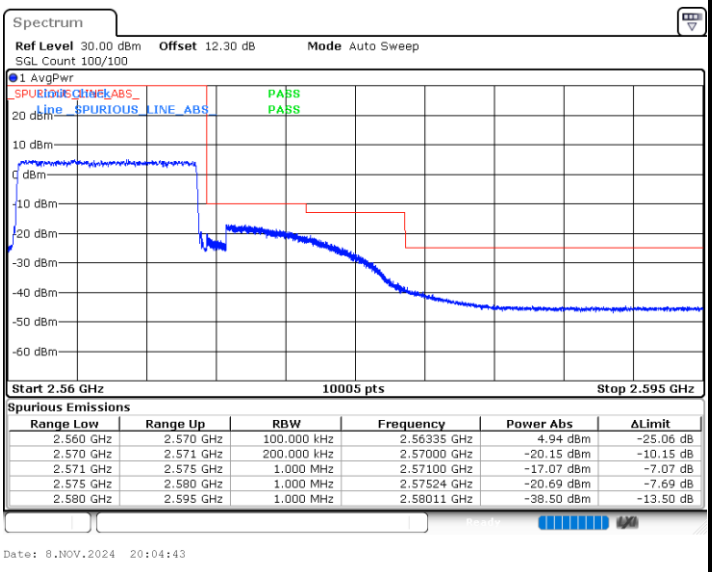


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-32.16 dBm	-7.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49572 GHz	-20.81 dBm	-7.81 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-17.71 dBm	-7.71 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49998 GHz	-21.00 dBm	-11.00 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50556 GHz	5.42 dBm	-24.58 dB

Date: 8.NOV.2024 20:00:29

Highest Band Edge / Full RB



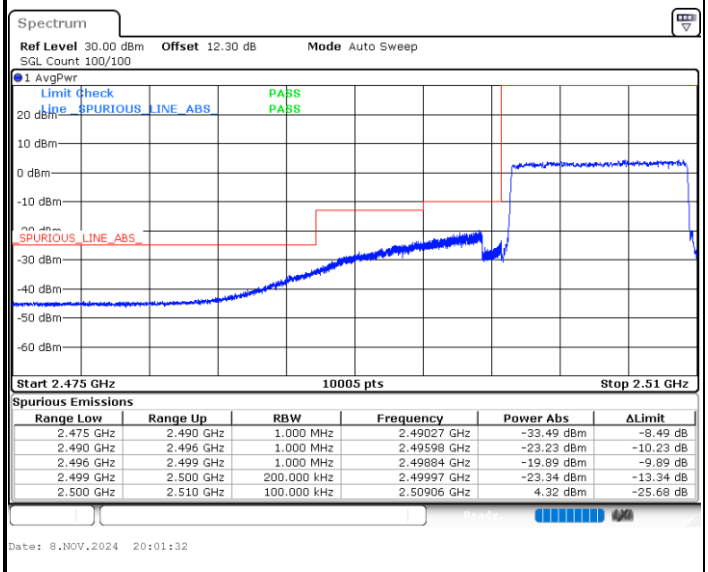
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56335 GHz	4.94 dBm	-25.06 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-20.15 dBm	-10.15 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57100 GHz	-17.07 dBm	-7.07 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57524 GHz	-20.69 dBm	-7.69 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58011 GHz	-38.50 dBm	-13.50 dB

Date: 8.NOV.2024 20:04:43

LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / Full RB

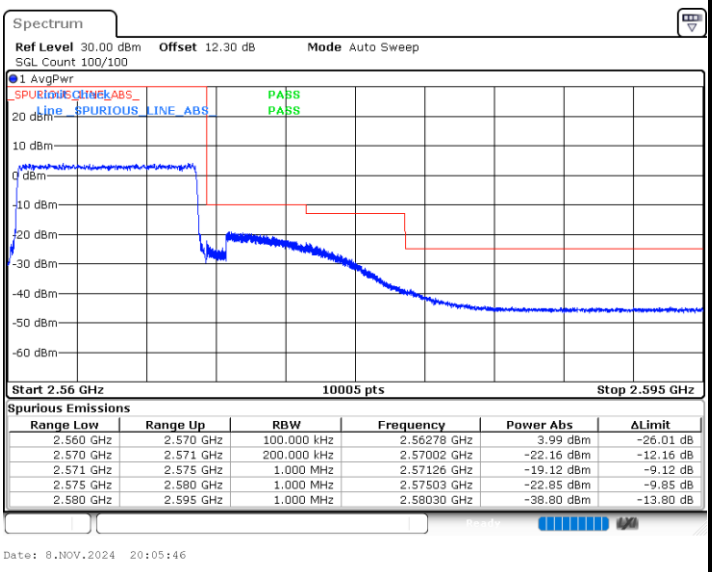


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49027 GHz	-33.49 dBm	-8.49 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-23.23 dBm	-10.23 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49884 GHz	-19.89 dBm	-9.89 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49997 GHz	-23.34 dBm	-13.34 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50906 GHz	4.32 dBm	-25.68 dB

Date: 8.NOV.2024 20:01:32

Highest Band Edge / Full RB



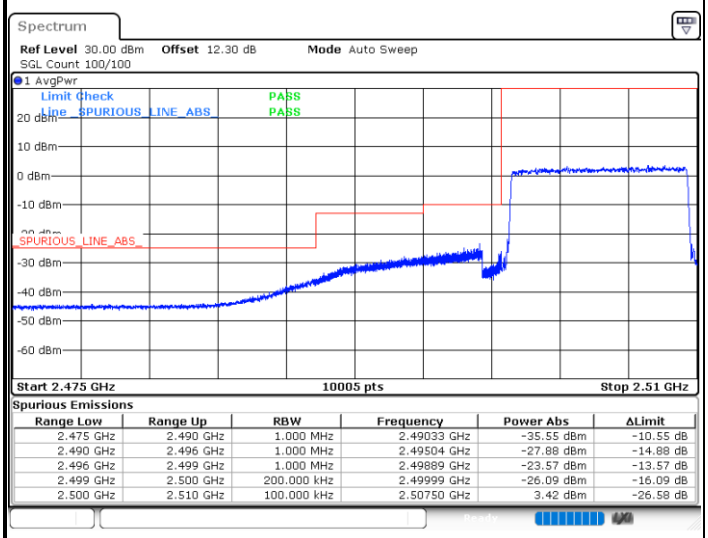
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56278 GHz	3.99 dBm	-26.01 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57002 GHz	-22.16 dBm	-12.16 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57126 GHz	-19.12 dBm	-9.12 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57503 GHz	-22.85 dBm	-9.85 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58030 GHz	-38.80 dBm	-13.80 dB

Date: 8.NOV.2024 20:05:46

LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / Full RB

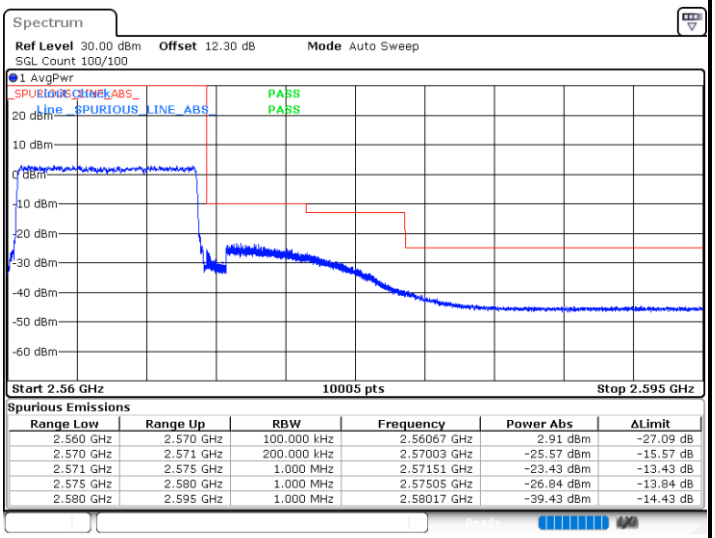


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49033 GHz	-35.55 dBm	-10.55 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49504 GHz	-27.88 dBm	-14.88 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49889 GHz	-23.57 dBm	-13.57 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.49999 GHz	-26.09 dBm	-16.09 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50750 GHz	3.42 dBm	-26.58 dB

Date: 8.NOV.2024 20:02:35

Highest Band Edge / Full RB



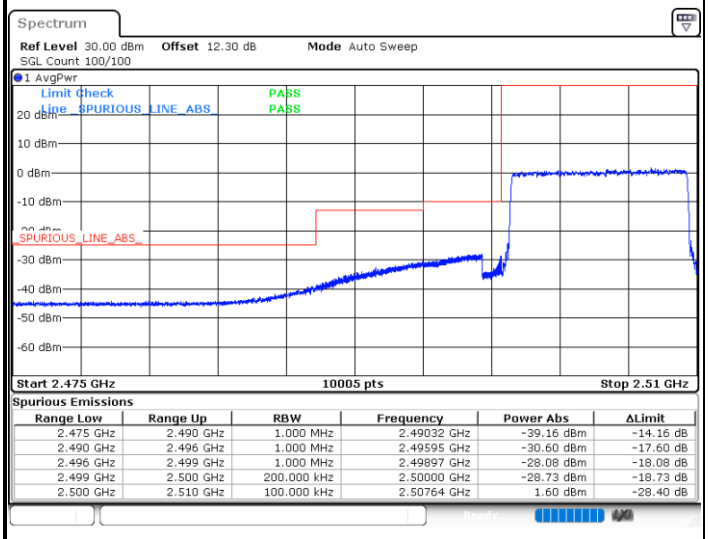
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56067 GHz	2.91 dBm	-27.09 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57003 GHz	-25.57 dBm	-15.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57151 GHz	-23.43 dBm	-13.43 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57505 GHz	-26.84 dBm	-13.84 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58017 GHz	-39.43 dBm	-14.43 dB

Date: 8.NOV.2024 20:06:49

LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / Full RB

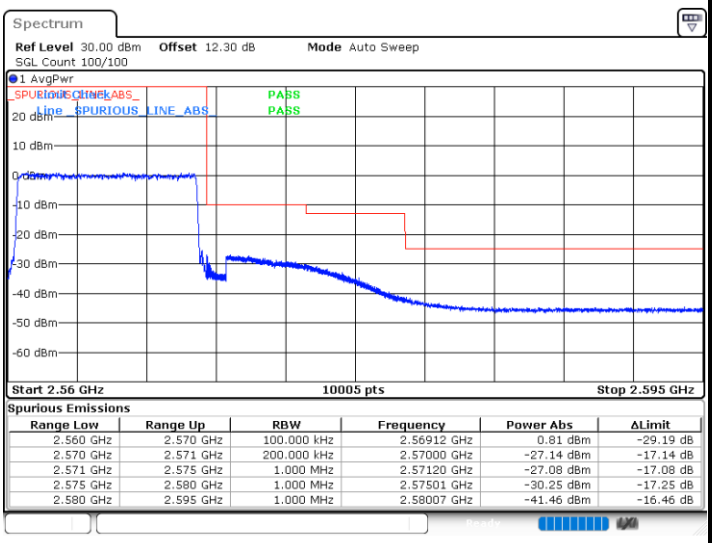


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49032 GHz	-39.16 dBm	-14.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49595 GHz	-30.60 dBm	-17.60 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49897 GHz	-28.08 dBm	-18.08 dB
2.499 GHz	2.500 GHz	200.000 kHz	2.50000 GHz	-28.73 dBm	-18.73 dB
2.500 GHz	2.510 GHz	100.000 kHz	2.50764 GHz	1.60 dBm	-28.40 dB

Date: 8.NOV.2024 20:03:38

Highest Band Edge / Full RB



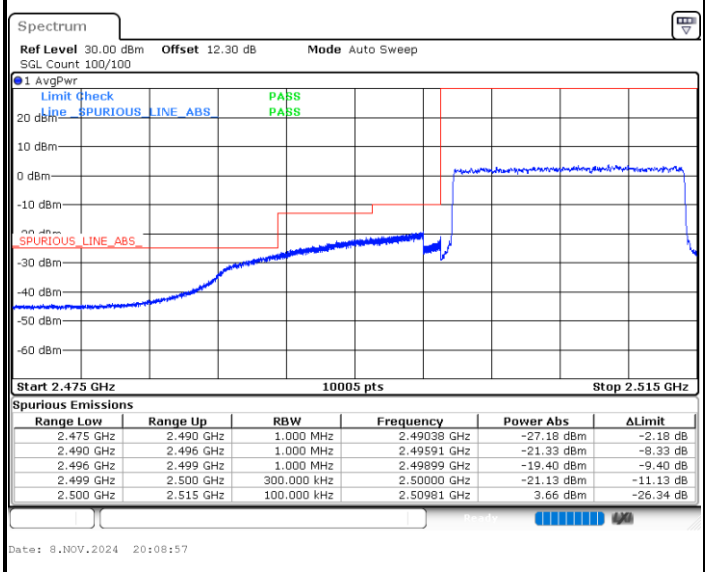
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.560 GHz	2.570 GHz	100.000 kHz	2.56912 GHz	0.81 dBm	-29.19 dB
2.570 GHz	2.571 GHz	200.000 kHz	2.57000 GHz	-27.14 dBm	-17.14 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57120 GHz	-27.08 dBm	-17.08 dB
2.575 GHz	2.580 GHz	1.000 MHz	2.57501 GHz	-30.25 dBm	-17.25 dB
2.580 GHz	2.595 GHz	1.000 MHz	2.58007 GHz	-41.46 dBm	-16.46 dB

Date: 8.NOV.2024 20:07:51

LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / Full RB

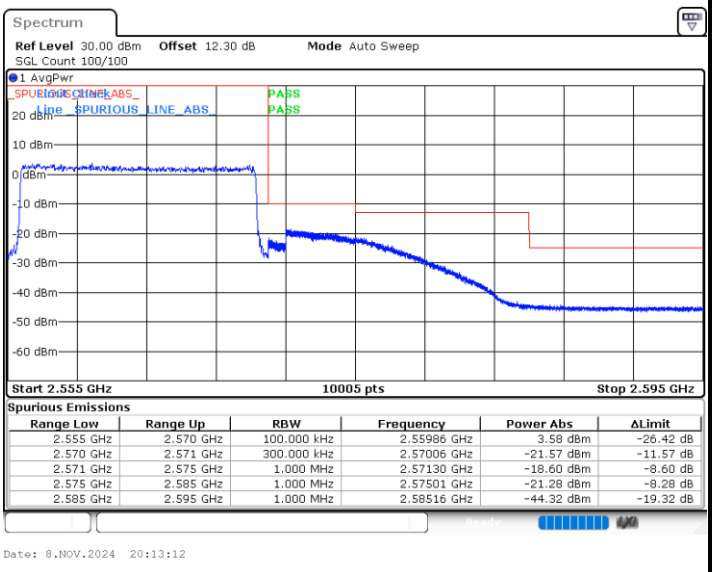


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49038 GHz	-27.18 dBm	-2.18 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49591 GHz	-21.33 dBm	-8.33 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49899 GHz	-19.40 dBm	-9.40 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.50000 GHz	-21.13 dBm	-11.13 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50981 GHz	3.66 dBm	-26.34 dB

Date: 8.NOV.2024 20:08:57

Highest Band Edge / Full RB



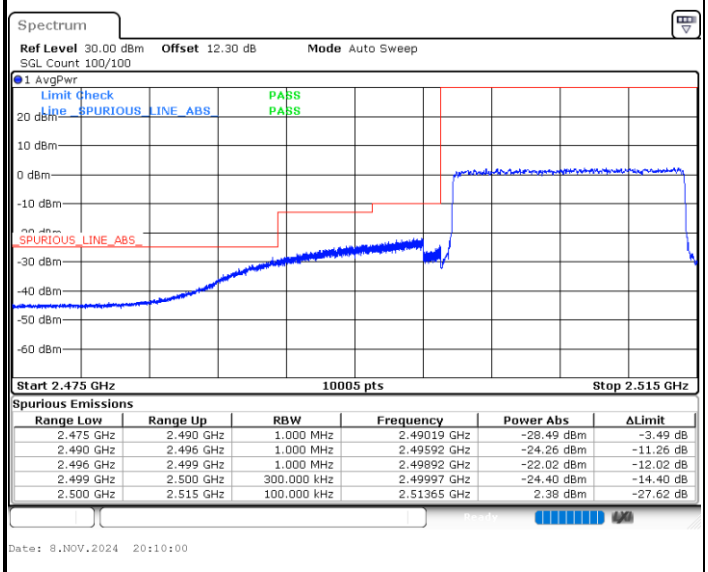
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55986 GHz	3.58 dBm	-26.42 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57006 GHz	-21.57 dBm	-11.57 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57130 GHz	-18.60 dBm	-8.60 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57501 GHz	-21.28 dBm	-8.28 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58516 GHz	-44.32 dBm	-19.32 dB

Date: 8.NOV.2024 20:13:12

LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / Full RB

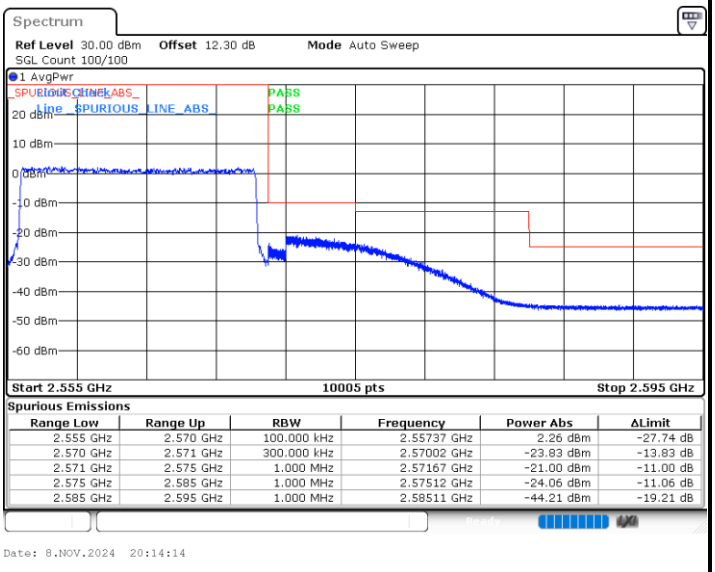


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49019 GHz	-28.49 dBm	-3.49 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49592 GHz	-24.26 dBm	-11.26 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49892 GHz	-22.02 dBm	-12.02 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49997 GHz	-24.40 dBm	-14.40 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51365 GHz	2.38 dBm	-27.62 dB

Date: 8.NOV.2024 20:10:00

Highest Band Edge / Full RB



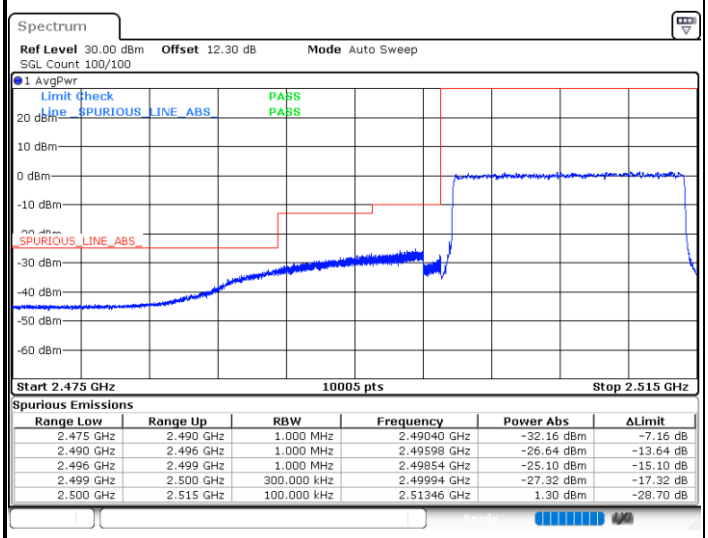
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55737 GHz	2.26 dBm	-27.74 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57002 GHz	-23.83 dBm	-13.83 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57167 GHz	-21.00 dBm	-11.00 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57512 GHz	-24.06 dBm	-11.06 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58511 GHz	-44.21 dBm	-19.21 dB

Date: 8.NOV.2024 20:14:14

LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / Full RB

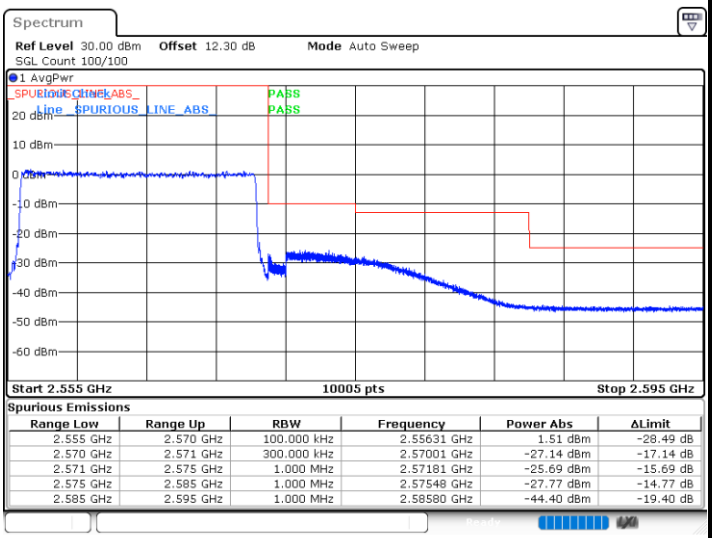


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49040 GHz	-32.16 dBm	-7.16 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-26.64 dBm	-13.64 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49854 GHz	-25.10 dBm	-15.10 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49994 GHz	-27.32 dBm	-17.32 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.51346 GHz	1.30 dBm	-28.70 dB

Date: 8.NOV.2024 20:11:03

Highest Band Edge / Full RB



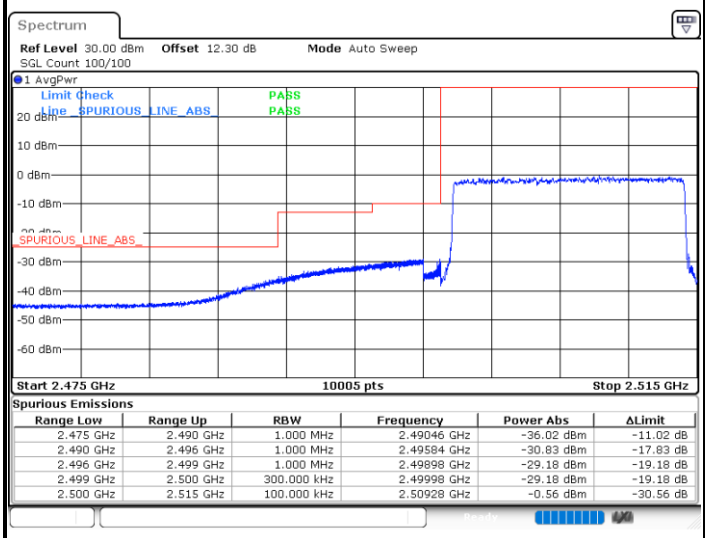
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55631 GHz	1.51 dBm	-28.49 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-27.14 dBm	-17.14 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57181 GHz	-25.69 dBm	-15.69 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57548 GHz	-27.77 dBm	-14.77 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58580 GHz	-44.40 dBm	-19.40 dB

Date: 8.NOV.2024 20:15:17

LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / Full RB

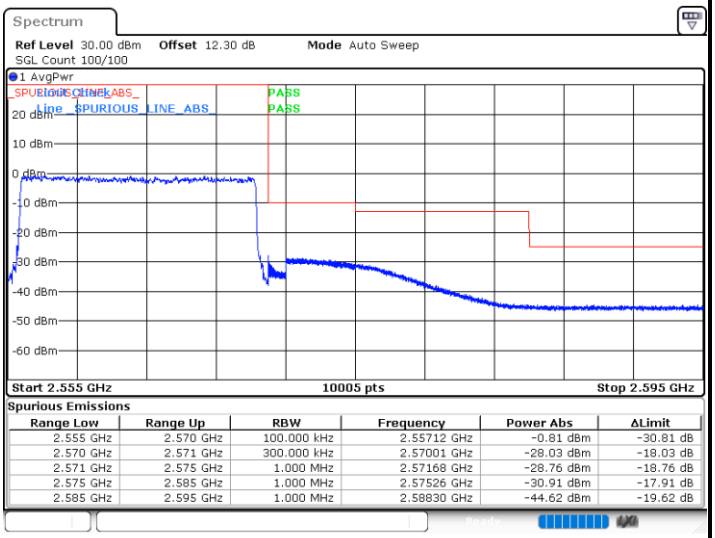


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49046 GHz	-36.02 dBm	-11.02 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49584 GHz	-30.83 dBm	-17.83 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49898 GHz	-29.18 dBm	-19.18 dB
2.499 GHz	2.500 GHz	300.000 kHz	2.49998 GHz	-29.18 dBm	-19.18 dB
2.500 GHz	2.515 GHz	100.000 kHz	2.50928 GHz	-0.56 dBm	-30.56 dB

Date: 8.NOV.2024 20:12:06

Highest Band Edge / Full RB



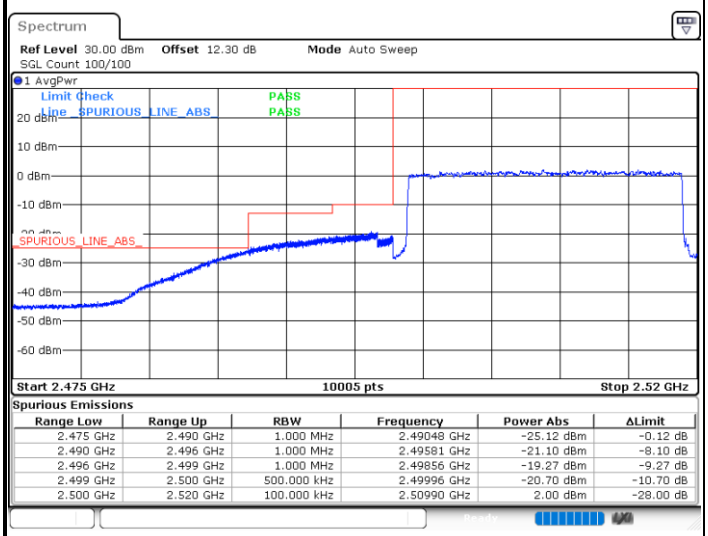
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.555 GHz	2.570 GHz	100.000 kHz	2.55712 GHz	-0.81 dBm	-30.81 dB
2.570 GHz	2.571 GHz	300.000 kHz	2.57001 GHz	-28.03 dBm	-18.03 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57168 GHz	-28.76 dBm	-18.76 dB
2.575 GHz	2.585 GHz	1.000 MHz	2.57526 GHz	-30.91 dBm	-17.91 dB
2.585 GHz	2.595 GHz	1.000 MHz	2.58830 GHz	-44.62 dBm	-19.62 dB

Date: 8.NOV.2024 20:16:20

LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / Full RB

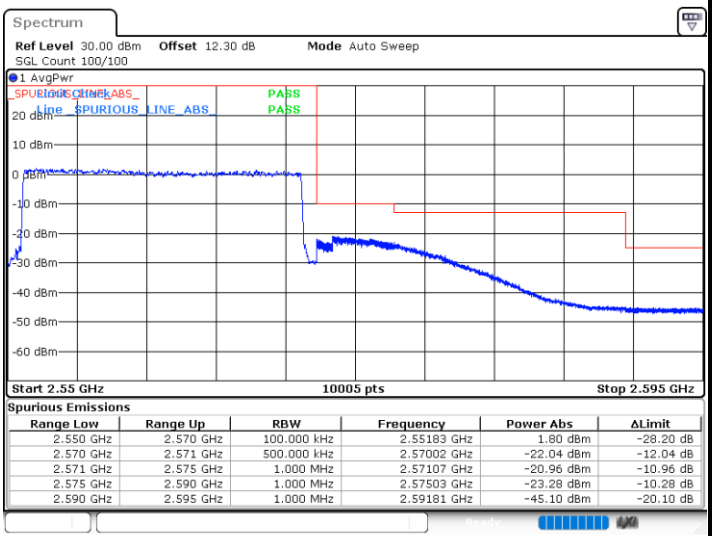


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-25.12 dBm	-0.12 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49581 GHz	-21.10 dBm	-8.10 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49856 GHz	-19.27 dBm	-9.27 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49996 GHz	-20.70 dBm	-10.70 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.50990 GHz	2.00 dBm	-28.00 dB

Date: 8.NOV.2024 20:17:26

Highest Band Edge / Full RB



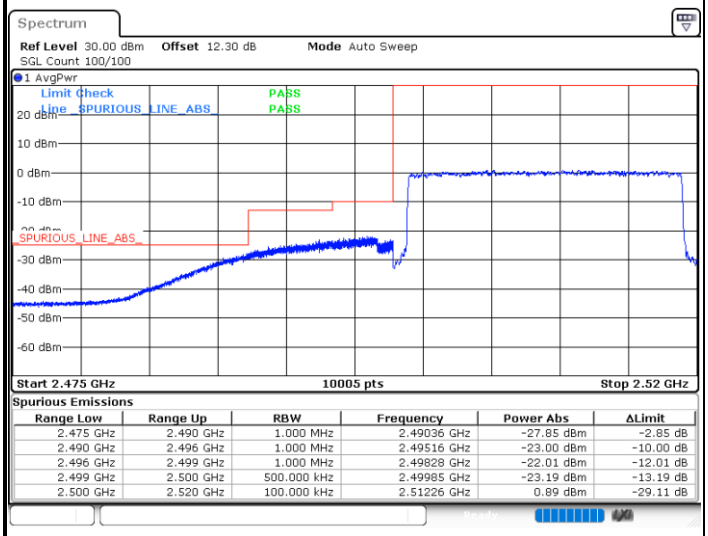
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55183 GHz	1.80 dBm	-28.20 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57002 GHz	-22.04 dBm	-12.04 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57107 GHz	-20.96 dBm	-10.96 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57503 GHz	-23.28 dBm	-10.28 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59181 GHz	-45.10 dBm	-20.10 dB

Date: 8.NOV.2024 20:21:40

LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / Full RB

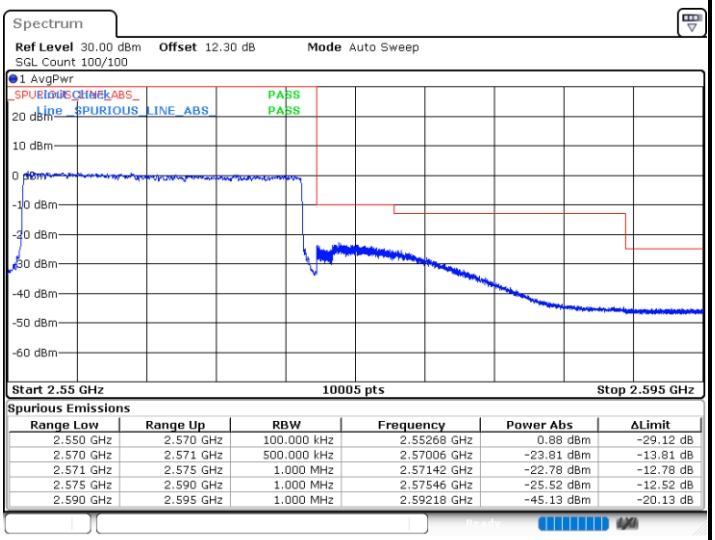


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49036 GHz	-27.85 dBm	-2.85 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49516 GHz	-23.00 dBm	-10.00 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49828 GHz	-22.01 dBm	-12.01 dB
2.499 GHz	2.500 GHz	500.000 kHz	2.49985 GHz	-23.19 dBm	-13.19 dB
2.500 GHz	2.520 GHz	100.000 kHz	2.51226 GHz	0.89 dBm	-29.11 dB

Date: 8.NOV.2024 20:18:29

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.550 GHz	2.570 GHz	100.000 kHz	2.55268 GHz	0.88 dBm	-29.12 dB
2.570 GHz	2.571 GHz	500.000 kHz	2.57006 GHz	-23.81 dBm	-13.81 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57142 GHz	-22.78 dBm	-12.78 dB
2.575 GHz	2.590 GHz	1.000 MHz	2.57546 GHz	-25.52 dBm	-12.52 dB
2.590 GHz	2.595 GHz	1.000 MHz	2.59218 GHz	-45.13 dBm	-20.13 dB

Date: 8.NOV.2024 20:22:43