



FCC RADIO TEST REPORT

FCC ID : A4RGGH2X
Equipment : Phone
Model Name : GGH2X, GC15S
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27,
Part 90(R), Part 90(S)

The product was received on Feb. 05, 2024 and testing was performed from Feb. 08, 2024 to Mar. 27, 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 given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval 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.....	3
Summary of Test Result.....	4
1 General Description	6
1.1 Product Feature of Equipment Under Test.....	6
1.2 Modification of EUT	8
1.3 Testing Location	8
1.4 Applicable Standards.....	9
2 Test Configuration of Equipment Under Test	10
2.1 Test Mode.....	10
2.2 Connection Diagram of Test System.....	11
2.3 Support Unit used in test configuration and system	12
2.4 Measurement Results Explanation Example.....	12
2.5 Frequency List of Low/Middle/High Channels	13
3 Conducted Test Items.....	27
3.1 Measuring Instruments	27
3.2 Conducted Output Power and ERP/EIRP	28
3.3 Peak-to-Average Ratio	29
3.4 Occupied Bandwidth.....	30
3.5 Conducted Band Edge	31
3.6 Emission Mask.....	34
3.7 Conducted Spurious Emission	36
3.8 Frequency Stability	37
4 Radiated Test Items	38
4.1 Measuring Instruments	38
4.2 Radiated Spurious Emission Measurement	40
5 List of Measuring Equipment.....	42
6 Measurement Uncertainty	44
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG3D2001B	01	Initial issue of report	May 17, 2024
FG3D2001B	02	Revise Frequency List of Low/Middle/High Channels and section 3.8.1 This report is an updated version, replacing the report issued on May 17, 2024.	May 24, 2024
FG3D2001B	03	Revise Antenna information and Frequency List of Low/Middle/High Channels This report is an updated version, replacing the report issued on May 24, 2024.	May 29, 2024



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
	§22.913 (a)(5) §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)		
	§27.50 (a)(3)	Effective Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
3.3	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	-
3.4	§2.1049	Occupied Bandwidth	Reporting only	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (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 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)		
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 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)		
3.8	§2.1055 §22.355 §24.235 §27.54 §90.539 (e) §90.691	Frequency Stability Temperature & Voltage	Pass	-
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 71)	Pass	4.30 dB under the limit at 6930.00 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)		

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/manufacture 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:

1. 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.
2. The GGH2X and GC15S are 100% identical in Hardware / Software to each other, and only have different model names for marketing segmentation. The test samples are all model GGH2X.

Reviewed by: William Chen**Report Producer: Clio Lo**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs GSM/WCDMA/LTE/5G NR, Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, UWB, NFC, WPC Rx, NTN and GNSS.
Antenna Type WWAN: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna <Ant. 2>: ILA Antenna <Ant. 5>: Loop Antenna

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

Support band and evaluated information	
Supported band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71
Evaluated and Tested band	B2, B4, B5, B7, B12, B13, B14, B17, B25, B26, B30, B38, B41, B66, B71
Band covered information	RSE frequency band range covers another band when the power is worse as follows: ■ B26 cover B5 (Part 22H) ■ B25 cover B2 (Part 24) ■ B12 cover B17 (Part 27) ■ B41 cover B38 (Part 27) ■ B66 cover B4 (Part 27) ■ LTE CA B66B cover B66C (Part 27) ■ LTE CA B41C cover B38C (Part 27)



Antenna information <Open Mode>						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
B5	-3.83	-6.97			0	1
B12	-6.83	-7.62			0	1
B13	-3.14	-5.94			0	1
B14	-3.19	-6.13			0	1
B17	-6.84	-7.84			0	1
B26	-3.83	-6.54			0	1
B71	-6.97	-8.63			0	1
B2		-4.07	-0.59		2	1
ENDC B2	-1.07			-9.50	0	5
B4		-2.72	-2.23		2	1
ENDC B4	0.02			-12.50	0	5
B7		-5.00	0.91		2	1
B25		-3.89	-0.60		2	1
ENDC B25	-1.07			-9.50	2	1
B30		-5.21	-0.58		2	1
B38		-5.22	0.45		2	1
B41		-5.00	0.91		2	1
B66		-2.63	-2.23		2	1
ENDC B66	-0.67			-8.70	0	5

Antenna information <Close Mode>						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
B5	-4.67	-7.44			0	1
B12	-6.92	-12.01			0	1
B13	-6.13	-8.90			0	1
B14	-6.01	-8.87			0	1
B17	-6.92	-12.12			0	1
B26	-4.67	-7.45			0	1
B71	-7.83	-13.55			0	1
B2		-8.53	-1.06		2	1
ENDC B2	-4.36			-9.10	0	5
B4		-3.41	-2.47		2	1
ENDC B4	-3.56			-14.20	0	5
B7		-8.19	-2.60		2	1
B25		-8.53	-1.07		2	1
ENDC B25	-3.58			-9.10	2	1
B30		-6.92	-0.27		2	1
B38		-8.19	-2.60		2	1
B41		-8.19	-2.60		2	1
B66		-3.37	-2.47		2	1
ENDC B66	-2.84			-11.00	0	5

Remark:

1. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
2. After preliminary scan, the main antenna Ant 0 for Low band and main antenna Ant 2 for Mid/high band are selected as the worst mode to be reported for conducted test.
3. The antenna gain for open mode is higher than close mode except B2/B25/B30 marked in bold in the table. The worse antenna gain is used to determine compliance.



EUT Information List	
S/N	Performed Test Item
1FDG65014550000B41A0002H	Conducted Measurement ERP/EIRP
41251FDKD0007X	Radiated Spurious Emission

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 (°C)	22.1~23.9
Relative Humidity (%)	50.1~55.9

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. 03CH11-HY (TAF Code: 3786)
Test Engineer	Fu Chen, Sam Chou and Troye Hsieh
Temperature (°C)	19.4~21.1
Relative Humidity (%)	44.7~65.1
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

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

FCC Designation No.: TW1190 and TW3786



1.4 Applicable Standards

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

- ♦ ANSI C63.26-2015
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 22(H), 24(E), 27, 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. 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 (open and close) and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find Z Plane with Adapter (close) as worst plane.

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

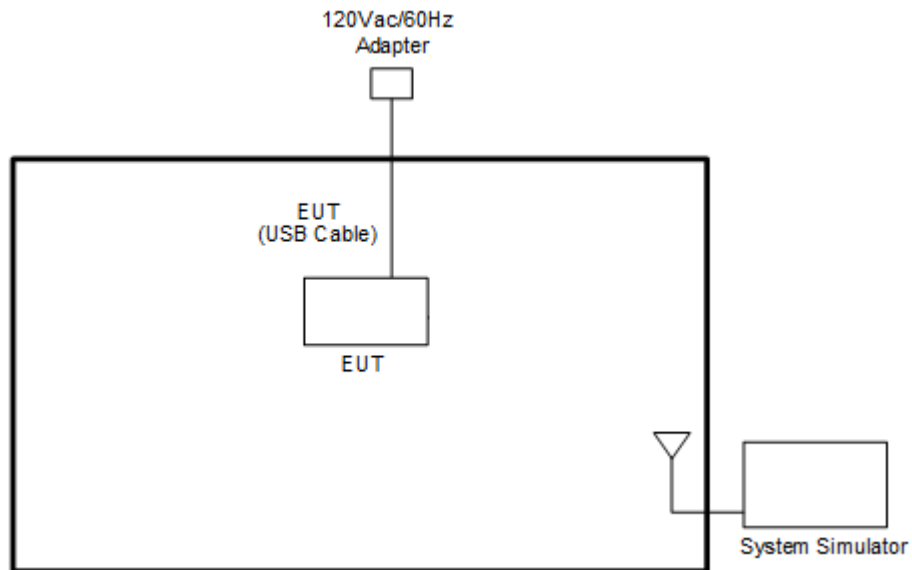
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
ERP/EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	20 MHz or less	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	Minimum	1RB	L, M, H
		All	Full	
CSE	A	Minimum	1RB	L, M, H
Frequency Stability	A	10MHz/15MHz (B26)	Full	M
		10 MHz or less (other)		
RSE	A	5MHz/15MHz (B26)	1RB	L, M, H
		10 MHz or less (other)		

Remark:

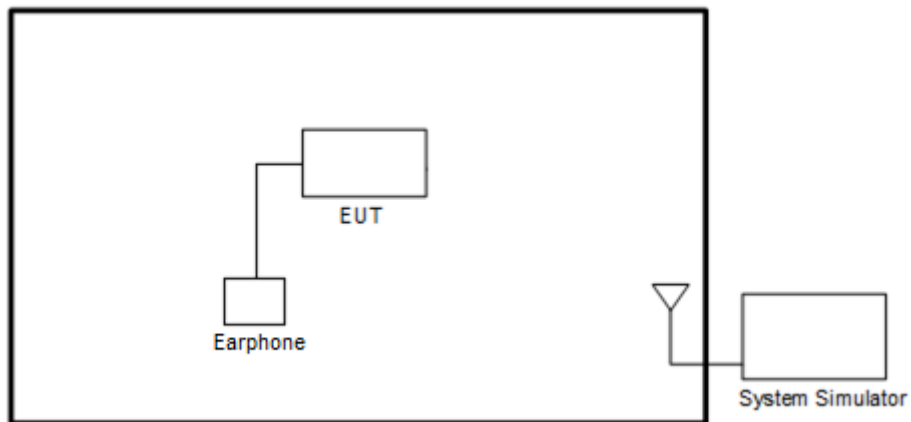
1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. For LTE test combination are EN-DC 2A_n5A and EN-DC 66A_n48A.
4. During the RSE preliminary test, the standalone mode and charging modes (Adapter mode and WPC Rx mode) were verified. It is determined that the adapter mode is the worst case for the official test.
5. All the radiated test cases were performed with USB Cable 1.

2.2 Connection Diagram of Test System

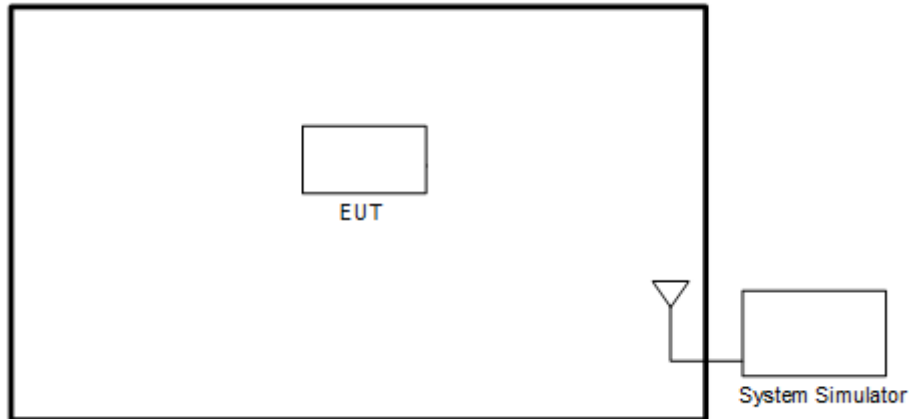
<EUT with Adapter>



<EUT with Earphone>



<EUT without Accessory>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	AC Adapter	Chicony	G9BR1	N/A	N/A	N/A
3.	Earphone	N/A	N/A	N/A	Unshielded, 1.1m	N/A

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 :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



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 (Part90S)				
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 (Part90S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	-	26790	-
	Frequency	-	824	-
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 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 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	133272	133422
	Frequency	668.0	678	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



LTE Band 5B Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
3 + 5	PCC	Channel	20416	20501	20586
		Frequency	825.6	834.1	842.6
	SCC	Channel	20455	20540	20625
		Frequency	829.5	838.0	846.5
5 + 3	PCC	Channel	20425	20510	20595
		Frequency	826.5	835.0	843.5
	SCC	Channel	20464	20549	20634
		Frequency	830.4	838.9	847.4
5 + 10	PCC	Channel	20428	20478	20528
		Frequency	826.8	831.8	836.8
	SCC	Channel	20500	20550	20600
		Frequency	834.0	839.0	844.0
10 + 5	PCC	Channel	20450	20500	20550
		Frequency	829.0	834.0	839.0
	SCC	Channel	20522	20572	20622
		Frequency	836.2	841.2	846.2
10 + 10	PCC	Channel	20450	20476	20501
		Frequency	829.0	831.6	834.1
	SCC	Channel	20549	20575	20600
		Frequency	838.9	841.5	844.0



LTE Band 7C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	20850	21001	21152
		Frequency	2510.0	2525.1	2540.2
	SCC	Channel	21048	21199	21350
		Frequency	2529.8	2544.9	2560.0
20 + 15	PCC	Channel	20850	21026	21201
		Frequency	2510.0	2527.6	2545.1
	SCC	Channel	21021	21197	21372
		Frequency	2527.1	2544.7	2562.2
15 + 20	PCC	Channel	20828	21003	21179
		Frequency	2507.8	2525.3	2542.9
	SCC	Channel	20999	21174	21350
		Frequency	2524.9	2542.4	2560.0
20 + 10	PCC	Channel	20850	21051	21251
		Frequency	2510.0	2530.1	2550.1
	SCC	Channel	20994	21195	21395
		Frequency	2524.4	2544.5	2564.5
10 + 20	PCC	Channel	20805	21006	21206
		Frequency	2505.5	2525.6	2545.6
	SCC	Channel	20949	21150	21350
		Frequency	2519.9	2540.0	2560.0
15 + 15	PCC	Channel	20825	21025	21225
		Frequency	2507.5	2527.5	2547.5
	SCC	Channel	20975	21175	21375
		Frequency	2522.5	2542.5	2562.5
15 + 10	PCC	Channel	20825	21051	21277
		Frequency	2507.5	2530.1	2552.7
	SCC	Channel	20945	21171	21397
		Frequency	2519.5	2542.1	2564.7



LTE Band 38C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	37850	37901	37952
		Frequency	2580.0	2585.1	2590.2
	SCC	Channel	38048	38099	38150
		Frequency	2599.8	2604.9	2610.0
15+ 15	PCC	Channel	37825	37925	38025
		Frequency	2577.5	2587.5	2597.5
	SCC	Channel	37975	38075	38175
		Frequency	2592.5	2602.5	2612.5



LTE Band 41C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	39750	40521	41292
		Frequency	2506.0	2583.1	2660.2
	SCC	Channel	39948	40719	41490
		Frequency	2525.8	2602.9	2680.0
20 + 15	PCC	Channel	39750	40546	41341
		Frequency	2506.0	2585.6	2665.1
	SCC	Channel	39921	40717	41512
		Frequency	2523.1	2602.7	2682.2
15 + 20	PCC	Channel	39728	40523	41319
		Frequency	2503.8	2593.3	2662.9
	SCC	Channel	39899	40694	41490
		Frequency	2520.9	2600.4	2680.0
20 + 10	PCC	Channel	39750	40571	41391
		Frequency	2506.0	2588.1	2670.1
	SCC	Channel	39894	40715	41535
		Frequency	2520.4	2602.5	2684.5
10 + 20	PCC	Channel	39705	40526	41346
		Frequency	2501.5	2583.6	2665.6
	SCC	Channel	39849	40670	41490
		Frequency	2515.9	2598.0	2680.0



LTE Band 41C Channel and Frequency List_CA					
20 + 5	PCC	Channel	39750	40595	41440
		Frequency	2506.0	2590.5	2675.0
	SCC	Channel	39867	40712	41557
		Frequency	2517.7	2602.2	2686.7
5 + 20	PCC	Channel	39683	40528	41373
		Frequency	2499.3	2583.8	2668.3
	SCC	Channel	39800	40645	41490
		Frequency	2511.0	2595.5	2680.0
15 + 15	PCC	Channel	39725	40545	41365
		Frequency	2503.5	2585.5	2667.5
	SCC	Channel	39875	40695	41515
		Frequency	2518.5	2600.5	2682.5
10 + 15	PCC	Channel	39703	40549	41395
		Frequency	2501.3	2585.9	2670.5
	SCC	Channel	39823	40669	41515
		Frequency	2513.3	2597.9	2682.5
15 + 10	PCC	Channel	39725	40571	41417
		Frequency	2503.5	2588.1	2672.7
	SCC	Channel	39845	40691	41537
		Frequency	2515.5	2600.1	2684.7



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



LTE Band 66C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
10 + 15	PCC	Channel	132025	132351	132477
		Frequency	1715.3	1747.9	1760.5
	SCC	Channel	132145	133371	132597
		Frequency	1727.3	1759.9	1772.5
15 + 10	PCC	Channel	132047	132373	132499
		Frequency	1717.5	1750.1	1762.7
	SCC	Channel	132167	132493	132619
		Frequency	1729.5	1762.1	1774.7
10 + 20	PCC	Channel	132027	132328	132428
		Frequency	1715.5	1745.6	1755.6
	SCC	Channel	131171	133372	132572
		Frequency	1729.9	1760.0	1770.0
20 + 10	PCC	Channel	132072	132373	132473
		Frequency	1720.0	1750.1	1760.1
	SCC	Channel	132216	133417	132617
		Frequency	1734.4	1764.5	1774.5
15 + 15	PCC	Channel	132047	132347	132447
		Frequency	1717.5	1747.5	1757.5
	SCC	Channel	132197	133397	132597
		Frequency	1732.5	1762.5	1772.5
15 + 20	PCC	Channel	132050	132325	132401
		Frequency	1717.8	1745.3	1752.9
	SCC	Channel	132221	133396	132572
		Frequency	1734.9	1762.4	1770.0
20 + 15	PCC	Channel	132072	132348	132423
		Frequency	1720.0	1747.6	1755.1
	SCC	Channel	132243	133419	132594
		Frequency	1737.1	1764.7	1772.2
20 + 5	PCC	Channel	132072	132397	132522
		Frequency	1720.0	1752.5	1765.0
	SCC	Channel	132189	133414	132639
		Frequency	1731.7	1764.2	1776.7



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

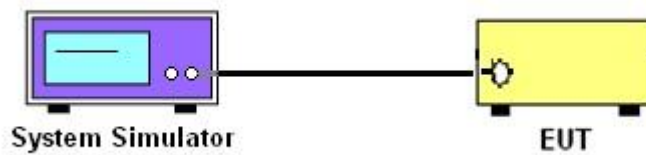
3 Conducted Test Items

3.1 Measuring Instruments

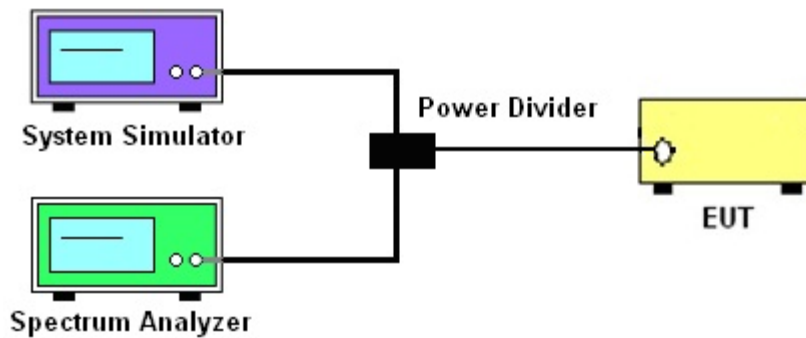
See list of measuring instruments of this test report.

3.1.1 Test Setup

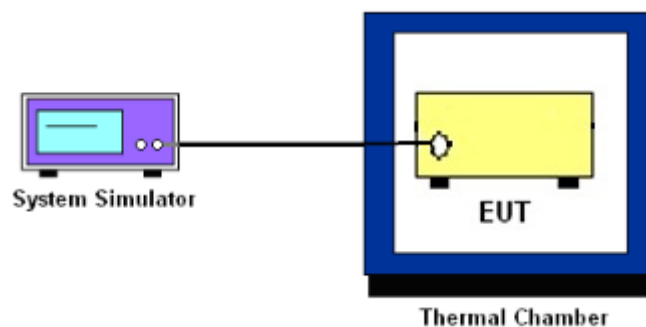
3.1.2 Conducted Output Power



3.1.3 Peak-to-Average Ratio, Occupied Bandwidth ,Conducted Band-Edge, 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 conducted 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

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.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.



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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 $65 + 10 \log_{10} p(\text{watts})$, dB, for mobile and portable equipment.

27.53 (g)

For operations in the 600MHz band and 698-746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ 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 than $43 + 10 \log (P)$ 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.

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 $\geq$ 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.
8. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.



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 $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ 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 $43 + 10 \log_{10}(P)$ 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 10th 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 GHz, 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.
8. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
For LTE Band 30
The limit line is derived from $70 + 10\log(P)$ dB below the transmitter power P(Watts)
For LTE Band 7, 38, 41
The limit line is derived from $55 + 10\log(P)$ dB below the transmitter power P(Watts)
10. For MIMO mode, add additional MIMO factor $10\log(NTX=2) = 3.01$ dB into the spectrum analyzer offset.



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

24.235 , 27.54,

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

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 $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

90.593

Transmitters designed to operate in 769-775 MHz and 799-805 MHz frequency bands must meet the frequency stability requirements in this section.

The frequency stability of mobile, portable and control transmitters operating in the wideband segment must be 1.25 parts per million or better when AFC is locked to a base station.

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 $20\pm 5^{\circ}\text{C}$ 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.

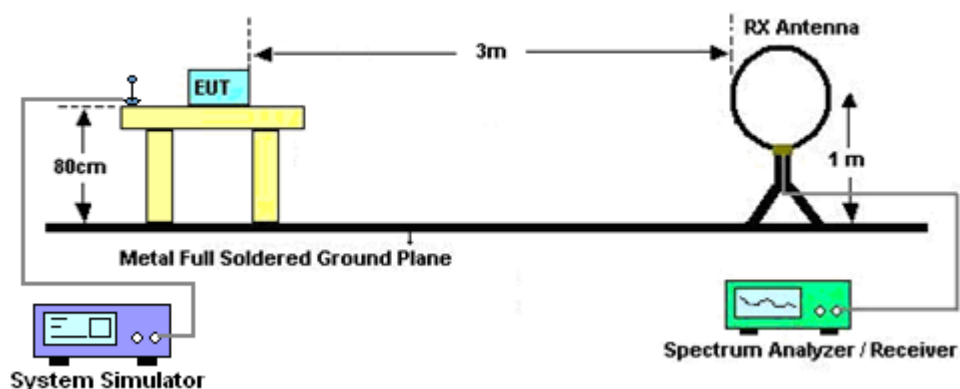
4 Radiated Test Items

4.1 Measuring Instruments

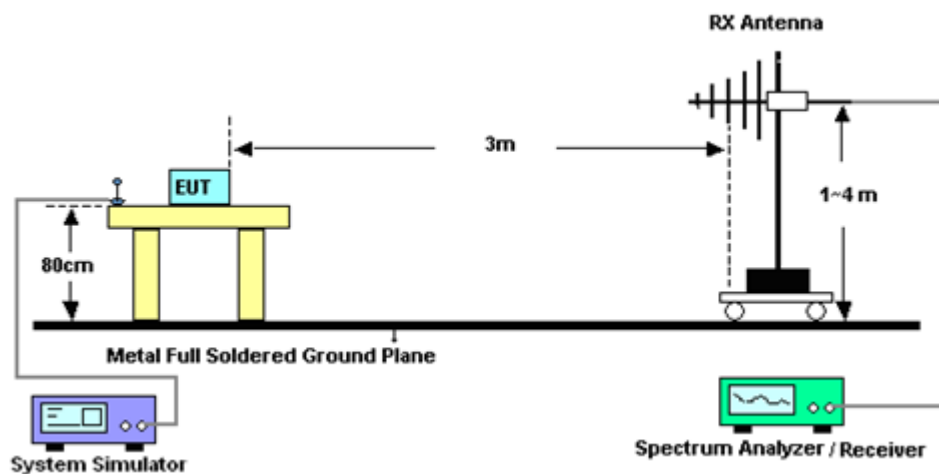
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4.1.1 Test Setup

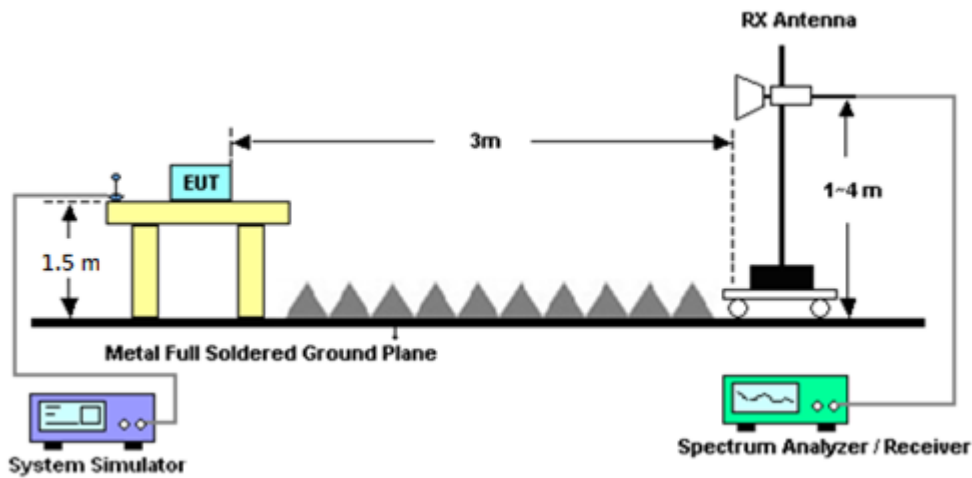
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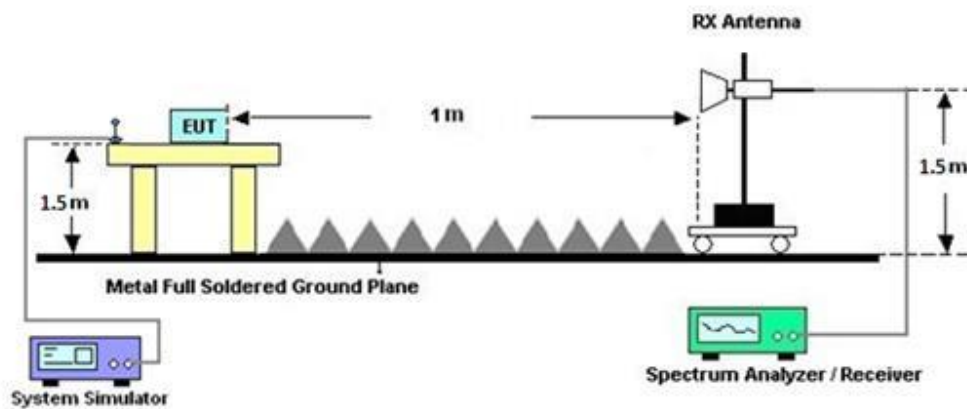
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

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

For LTE Band 7, 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 / TIA-603-E 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)
7. $EIRP(dBm) = Level(dBuV/m) + 20\log(d) - 104.77$, where d is the distance at which field strength limit is specified in the rules
8. $Field\ Strength\ Level(dBm) = Spectrum\ Reading(dBm) + Antenna\ Factor + Cable\ Loss + Read\ Level - Preamplifier\ Factor$.
9. $ERP(dBm) = EIRP(dBm) - 2.15$
10. 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
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 07, 2023	Feb. 09, 2024~ Feb. 21, 2024	Oct. 06, 2024	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 12, 2023	Feb. 09, 2024~ Feb. 21, 2024	Sep. 11, 2024	Radiation (03CH11-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 17, 2023	Feb. 09, 2024~ Feb. 21, 2024	Aug. 16, 2024	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	00993	18GHz~40GHz	Nov. 24, 2023	Feb. 09, 2024~ Feb. 21, 2024	Nov. 23, 2024	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 08, 2023	Feb. 09, 2024~ Feb. 21, 2024	Dec. 07, 2024	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270418	1GHz~26.5GHz	Aug. 30, 2023	Feb. 09, 2024~ Feb. 21, 2024	Aug. 29, 2024	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03	1710001800 055007	1GHz~18GHz	Jun. 14, 2023	Feb. 09, 2024~ Feb. 21, 2024	Jun. 13, 2024	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Feb. 09, 2024~ Feb. 21, 2024	Jun. 26, 2024	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 05, 2023	Feb. 09, 2024~ Feb. 21, 2024	Oct. 04, 2024	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 09, 2024~ Feb. 21, 2024	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Feb. 09, 2024~ Feb. 21, 2024	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Feb. 09, 2024~ Feb. 21, 2024	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Feb. 09, 2024~ Feb. 21, 2024	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY1595/2	30MHz~40GHz	Mar. 07, 2023	Feb. 09, 2024~ Feb. 21, 2024	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	Feb. 09, 2024~ Feb. 21, 2024	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Feb. 09, 2024~ Feb. 21, 2024	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	Feb. 09, 2024~ Feb. 21, 2024	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN11	1.53G Low Pass	Sep. 11, 2023	Feb. 09, 2024~ Feb. 21, 2024	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN3	3GHz High Pass Filter	Sep. 11, 2023	Feb. 09, 2024~ Feb. 21, 2024	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900- 1000-15000-6 0SS	SN12	1GHz High Pass Filter	Sep. 11, 2023	Feb. 09, 2024~ Feb. 21, 2024	Sep. 10, 2024	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTM-303B	TP140325	N/A	Dec. 08, 2023	Feb. 09, 2024~ Feb. 21, 2024	Dec. 07, 2024	Radiation (03CH11-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Base Station(Measure)	Anritsu	MT8821C	6201664755	LTE FDD/TDD(with4 4), LTE-4CC DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 18, 2023	Feb. 08, 2024~ Mar. 27, 2024	Jul. 17, 2024	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101908	10Hz~40GHz	Sep. 11, 2023	Feb. 08, 2024~ Mar. 27, 2024	Sep. 10, 2024	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-241	92003713	-30℃ ~95℃	May 17, 2023	Feb. 08, 2024~ Mar. 27, 2024	May 16, 2024	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 28, 2023	Feb. 08, 2024~ Mar. 27, 2024	Nov. 27, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 08, 2024	Feb. 08, 2024~ Mar. 27, 2024	Jan. 07, 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% ($U = 2Uc(y)$)	3.22 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.53 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.61 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Tx0 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.51	24.48	24.49	23.92	0.2466
20	1	49		24.34	24.37	24.42		
20	1	99		24.30	24.35	24.35		
20	50	0		23.47	23.46	23.46		
20	50	24		23.43	23.45	23.42		
20	50	50		23.41	23.41	23.41		
20	100	0		23.45	23.43	23.42		
20	1	0	16-QAM	23.74	23.76	23.68	23.17	0.2075
20	1	49		23.64	23.56	23.60		
20	1	99		23.65	23.61	23.67		
20	50	0		22.47	22.46	22.45		
20	50	24		22.42	22.43	22.49		
20	50	50		22.39	22.36	22.45		
20	100	0		22.39	22.42	22.46		
20	1	0	64-QAM	22.65	22.66	22.61	22.07	0.1611
20	1	49		22.50	22.58	22.57		
20	1	99		22.55	22.54	22.53		
20	50	0		21.48	21.48	21.49		
20	50	24		21.45	21.45	21.46		
20	50	50		21.42	21.42	21.44		
20	100	0		21.42	21.46	21.48		
20	1	0	256-QAM	20.12	20.15	20.07	19.56	0.0904
20	1	49		19.91	20.04	20.03		
20	1	99		20.04	19.97	20.02		
20	50	0		19.96	19.96	19.95		
20	50	24		19.91	19.93	19.91		
20	50	50		19.92	19.87	19.86		
20	100	0		19.89	19.87	19.90		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.45	24.42	24.41	23.86	0.2432
15	1	37		24.32	24.36	24.32		
15	1	74		24.23	24.29	24.25		
15	36	0		23.44	23.44	23.40		
15	36	20		23.41	23.41	23.33		
15	36	39		23.39	23.39	23.38		
15	75	0		23.39	23.38	23.39		
15	1	0	16-QAM	23.68	23.69	23.66	23.10	0.2042
15	1	37		23.56	23.52	23.57		
15	1	74		23.62	23.54	23.64		
15	36	0		22.37	22.41	22.45		
15	36	20		22.39	22.42	22.47		
15	36	39		22.33	22.33	22.36		
15	75	0		22.33	22.41	22.45		
15	1	0	64-QAM	22.58	22.65	22.59	22.06	0.1607
15	1	37		22.48	22.57	22.57		
15	1	74		22.49	22.49	22.47		
15	36	0		21.44	21.41	21.39		
15	36	20		21.45	21.35	21.43		
15	36	39		21.40	21.35	21.39		
15	75	0		21.39	21.46	21.45		
15	1	0	256-QAM	20.11	20.05	19.97	19.52	0.0895
15	1	37		19.88	20.01	19.93		
15	1	74		20.04	19.95	19.97		
15	36	0		19.87	19.89	19.88		
15	36	20		19.89	19.84	19.90		
15	36	39		19.87	19.84	19.77		
15	75	0		19.87	19.79	19.85		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.46	24.38	24.41	23.87	0.2438
10	1	25		24.30	24.34	24.41		
10	1	49		24.26	24.26	24.35		
10	25	0		23.46	23.46	23.36		
10	25	12		23.36	23.36	23.39		
10	25	25		23.40	23.35	23.34		
10	50	0		23.44	23.34	23.41		
10	1	0	16-QAM	23.70	23.76	23.62	23.17	0.2075
10	1	25		23.58	23.56	23.60		
10	1	49		23.65	23.52	23.62		
10	25	0		22.40	22.46	22.35		
10	25	12		22.39	22.39	22.42		
10	25	25		22.30	22.30	22.38		
10	50	0		22.29	22.42	22.43		
10	1	0	64-QAM	22.60	22.56	22.52	22.01	0.1589
10	1	25		22.44	22.55	22.49		
10	1	49		22.48	22.46	22.44		
10	25	0		21.41	21.42	21.39		
10	25	12		21.36	21.41	21.40		
10	25	25		21.42	21.35	21.40		
10	50	0		21.33	21.40	21.43		
10	1	0	256-QAM	20.10	20.05	20.07	19.51	0.0893
10	1	25		19.89	20.03	20.00		
10	1	49		20.01	19.97	19.92		
10	25	0		19.91	19.88	19.86		
10	25	12		19.86	19.87	19.89		
10	25	25		19.92	19.81	19.85		
10	50	0		19.80	19.80	19.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.50	24.42	24.45	23.91	0.2460
5	1	12		24.32	24.33	24.36		
5	1	24		24.26	24.35	24.30		
5	12	0		23.37	23.43	23.46		
5	12	7		23.37	23.38	23.35		
5	12	13		23.37	23.41	23.41		
5	25	0		23.41	23.33	23.34		
5	1	0	16-QAM	23.72	23.75	23.61	23.16	0.2070
5	1	12		23.55	23.54	23.58		
5	1	24		23.61	23.57	23.61		
5	12	0		22.47	22.37	22.41		
5	12	7		22.34	22.41	22.43		
5	12	13		22.32	22.32	22.35		
5	25	0		22.33	22.39	22.38		
5	1	0	64-QAM	22.60	22.64	22.51	22.05	0.1603
5	1	12		22.48	22.48	22.55		
5	1	24		22.47	22.53	22.47		
5	12	0		21.46	21.45	21.47		
5	12	7		21.37	21.42	21.44		
5	12	13		21.38	21.35	21.42		
5	25	0		21.34	21.45	21.45		
5	1	0	256-QAM	20.02	20.14	20.05	19.55	0.0902
5	1	12		19.87	19.99	19.97		
5	1	24		19.97	19.90	19.95		
5	12	0		19.93	19.87	19.89		
5	12	7		19.87	19.86	19.87		
5	12	13		19.84	19.77	19.83		
5	25	0		19.81	19.86	19.83		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.41	24.37	24.47	23.88	0.2443
3	1	8		24.27	24.30	24.33		
3	1	14		24.25	24.31	24.26		
3	8	0		23.44	23.44	23.37		
3	8	4		23.37	23.39	23.35		
3	8	7		23.33	23.38	23.34		
3	15	0		23.42	23.41	23.37		
3	1	0	16-QAM	23.65	23.66	23.66	23.07	0.2028
3	1	8		23.62	23.50	23.53		
3	1	14		23.63	23.51	23.63		
3	8	0		22.46	22.44	22.39		
3	8	4		22.37	22.39	22.40		
3	8	7		22.37	22.30	22.45		
3	15	0		22.30	22.34	22.39		
3	1	0	64-QAM	22.64	22.65	22.55	22.06	0.1607
3	1	8		22.40	22.56	22.48		
3	1	14		22.47	22.54	22.50		
3	8	0		21.47	21.42	21.46		
3	8	4		21.45	21.45	21.41		
3	8	7		21.38	21.42	21.41		
3	15	0		21.33	21.46	21.39		
3	1	0	256-QAM	20.07	20.14	20.00	19.55	0.0902
3	1	8		19.88	19.95	20.00		
3	1	14		19.95	19.92	20.02		
3	8	0		19.96	19.89	19.85		
3	8	4		19.90	19.83	19.81		
3	8	7		19.92	19.84	19.82		
3	15	0		19.88	19.83	19.89		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -0.59 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.49	24.45	24.45	23.90	0.2455
1.4	1	3		24.30	24.27	24.42		
1.4	1	5		24.28	24.29	24.31		
1.4	3	0		24.33	24.31	24.36		
1.4	3	1		24.29	24.34	24.35		
1.4	3	3		24.24	24.31	24.34		
1.4	6	0		23.41	23.41	23.40		
1.4	1	0	16-QAM	23.64	23.73	23.67	23.15	0.2065
1.4	1	3		23.54	23.56	23.58		
1.4	1	5		23.63	23.57	23.61		
1.4	3	0		23.74	23.68	23.65		
1.4	3	1		23.56	23.46	23.57		
1.4	3	3		23.62	23.52	23.57		
1.4	6	0		22.33	22.41	22.46		
1.4	1	0	64-QAM	22.64	22.60	22.57	22.05	0.1603
1.4	1	3		22.42	22.55	22.53		
1.4	1	5		22.53	22.49	22.52		
1.4	3	0		22.56	22.61	22.59		
1.4	3	1		22.42	22.49	22.55		
1.4	3	3		22.55	22.44	22.53		
1.4	6	0		21.37	21.36	21.48		
1.4	1	0	256-QAM	20.12	20.07	19.99	19.53	0.0897
1.4	1	3		19.90	19.95	20.02		
1.4	1	5		19.99	19.91	19.94		
1.4	3	0		19.86	19.88	19.93		
1.4	3	1		19.81	19.89	19.86		
1.4	3	3		19.90	19.86	19.79		
1.4	6	0		19.81	19.85	19.86		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.43	24.46	24.43	23.86	0.2432
20	1	49		24.31	24.32	24.37		
20	1	99		24.27	24.32	24.27		
20	50	0		23.40	23.44	23.40		
20	50	24		23.37	23.38	23.36		
20	50	50		23.37	23.39	23.35		
20	100	0		23.39	23.40	23.36		
20	1	0	16-QAM	23.80	23.76	23.62	23.20	0.2089
20	1	49		23.65	23.61	23.60		
20	1	99		23.56	23.59	23.58		
20	50	0		22.42	22.42	22.37		
20	50	24		22.39	22.40	22.42		
20	50	50		22.37	22.35	22.35		
20	100	0		22.38	22.38	22.38		
20	1	0	64-QAM	22.59	22.53	22.59	22.01	0.1589
20	1	49		22.50	22.46	22.61		
20	1	99		22.55	22.48	22.55		
20	50	0		21.48	21.47	21.41		
20	50	24		21.45	21.43	21.41		
20	50	50		21.40	21.42	21.36		
20	100	0		21.43	21.38	21.42		
20	1	0	256-QAM	19.91	19.84	19.91	19.31	0.0853
20	1	49		19.84	19.73	19.91		
20	1	99		19.86	19.75	19.89		
20	50	0		19.74	19.81	19.71		
20	50	24		19.70	19.73	19.75		
20	50	50		19.67	19.77	19.64		
20	100	0		19.68	19.71	19.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.37	24.39	24.38	23.79	0.2393
15	1	37		24.24	24.24	24.37		
15	1	74		24.17	24.32	24.23		
15	36	0		23.40	23.36	23.35		
15	36	20		23.31	23.38	23.33		
15	36	39		23.37	23.29	23.26		
15	75	0		23.32	23.30	23.36		
15	1	0	16-QAM	23.76	23.74	23.55	23.16	0.2070
15	1	37		23.63	23.58	23.51		
15	1	74		23.46	23.53	23.56		
15	36	0		22.42	22.40	22.37		
15	36	20		22.36	22.38	22.33		
15	36	39		22.29	22.25	22.30		
15	75	0		22.30	22.35	22.30		
15	1	0	64-QAM	22.59	22.48	22.58	21.99	0.1581
15	1	37		22.41	22.43	22.52		
15	1	74		22.53	22.38	22.50		
15	36	0		21.43	21.45	21.40		
15	36	20		21.44	21.34	21.33		
15	36	39		21.35	21.38	21.34		
15	75	0		21.38	21.30	21.40		
15	1	0	256-QAM	19.88	19.74	19.84	19.28	0.0847
15	1	37		19.75	19.63	19.82		
15	1	74		19.80	19.72	19.82		
15	36	0		19.68	19.79	19.65		
15	36	20		19.65	19.70	19.72		
15	36	39		19.60	19.67	19.59		
15	75	0		19.66	19.61	19.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.30	24.36	24.29	23.76	0.2377
10	1	25		24.25	24.24	24.33		
10	1	49		24.23	24.24	24.25		
10	25	0		23.33	23.35	23.35		
10	25	12		23.33	23.34	23.26		
10	25	25		23.35	23.37	23.35		
10	50	0		23.36	23.30	23.32		
10	1	0	16-QAM	23.72	23.68	23.58	23.12	0.2051
10	1	25		23.61	23.53	23.53		
10	1	49		23.55	23.56	23.53		
10	25	0		22.42	22.34	22.28		
10	25	12		22.35	22.36	22.37		
10	25	25		22.27	22.35	22.27		
10	50	0		22.28	22.33	22.32		
10	1	0	64-QAM	22.56	22.44	22.59	21.99	0.1581
10	1	25		22.48	22.45	22.56		
10	1	49		22.46	22.44	22.53		
10	25	0		21.39	21.40	21.32		
10	25	12		21.36	21.36	21.41		
10	25	25		21.34	21.32	21.33		
10	50	0		21.43	21.34	21.36		
10	1	0	256-QAM	19.85	19.75	19.85	19.31	0.0853
10	1	25		19.82	19.72	19.91		
10	1	49		19.82	19.69	19.85		
10	25	0		19.74	19.81	19.66		
10	25	12		19.61	19.67	19.74		
10	25	25		19.60	19.71	19.55		
10	50	0		19.66	19.70	19.60		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.38	24.43	24.35	23.83	0.2415
5	1	12		24.25	24.30	24.28		
5	1	24		24.22	24.26	24.27		
5	12	0		23.33	23.36	23.40		
5	12	7		23.28	23.28	23.28		
5	12	13		23.28	23.37	23.28		
5	25	0		23.33	23.32	23.33		
5	1	0	16-QAM	23.70	23.75	23.55	23.15	0.2065
5	1	12		23.55	23.59	23.60		
5	1	24		23.50	23.51	23.53		
5	12	0		22.40	22.35	22.29		
5	12	7		22.29	22.34	22.32		
5	12	13		22.28	22.33	22.33		
5	25	0		22.33	22.31	22.31		
5	1	0	64-QAM	22.55	22.43	22.52	21.95	0.1567
5	1	12		22.41	22.43	22.51		
5	1	24		22.53	22.38	22.51		
5	12	0		21.40	21.41	21.40		
5	12	7		21.37	21.43	21.39		
5	12	13		21.32	21.38	21.32		
5	25	0		21.35	21.38	21.39		
5	1	0	256-QAM	19.81	19.79	19.86	19.28	0.0847
5	1	12		19.81	19.66	19.81		
5	1	24		19.76	19.72	19.88		
5	12	0		19.74	19.78	19.65		
5	12	7		19.68	19.71	19.68		
5	12	13		19.67	19.77	19.54		
5	25	0		19.66	19.69	19.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.35	24.36	24.33	23.76	0.2377
3	1	8		24.31	24.28	24.28		
3	1	14		24.27	24.25	24.25		
3	8	0		23.36	23.37	23.40		
3	8	4		23.30	23.36	23.32		
3	8	7		23.28	23.33	23.33		
3	15	0		23.35	23.37	23.28		
3	1	0	16-QAM	23.76	23.74	23.61	23.16	0.2070
3	1	8		23.65	23.52	23.56		
3	1	14		23.53	23.51	23.51		
3	8	0		22.38	22.34	22.29		
3	8	4		22.37	22.38	22.38		
3	8	7		22.29	22.31	22.30		
3	15	0		22.32	22.37	22.33		
3	1	0	64-QAM	22.59	22.52	22.56	22.01	0.1589
3	1	8		22.50	22.37	22.61		
3	1	14		22.55	22.46	22.53		
3	8	0		21.46	21.47	21.41		
3	8	4		21.37	21.34	21.31		
3	8	7		21.36	21.36	21.29		
3	15	0		21.42	21.35	21.42		
3	1	0	256-QAM	19.87	19.77	19.90	19.30	0.0851
3	1	8		19.80	19.68	19.85		
3	1	14		19.81	19.75	19.79		
3	8	0		19.70	19.71	19.65		
3	8	4		19.64	19.71	19.68		
3	8	7		19.62	19.69	19.54		
3	15	0		19.62	19.70	19.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -0.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.32	24.38	24.32	23.78	0.2388
1.4	1	3		24.28	24.31	24.36		
1.4	1	5		24.21	24.28	24.19		
1.4	3	0		24.25	24.28	24.26		
1.4	3	1		24.28	24.25	24.26		
1.4	3	3		24.23	24.21	24.28		
1.4	6	0		23.32	23.34	23.29		
1.4	1	0	16-QAM	23.80	23.75	23.61	23.20	0.2089
1.4	1	3		23.55	23.58	23.55		
1.4	1	5		23.51	23.57	23.57		
1.4	3	0		23.77	23.71	23.62		
1.4	3	1		23.64	23.61	23.60		
1.4	3	3		23.49	23.57	23.49		
1.4	6	0		22.35	22.38	22.28		
1.4	1	0	64-QAM	22.57	22.44	22.53	22.00	0.1585
1.4	1	3		22.45	22.41	22.53		
1.4	1	5		22.55	22.41	22.45		
1.4	3	0		22.50	22.53	22.49		
1.4	3	1		22.47	22.42	22.60		
1.4	3	3		22.55	22.48	22.52		
1.4	6	0		21.41	21.30	21.39		
1.4	1	0	256-QAM	19.89	19.78	19.87	19.31	0.0853
1.4	1	3		19.80	19.68	19.90		
1.4	1	5		19.84	19.65	19.85		
1.4	3	0		19.84	19.76	19.85		
1.4	3	1		19.80	19.68	19.91		
1.4	3	3		19.83	19.71	19.89		
1.4	6	0		19.66	19.67	19.67		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.67	24.73	24.69	22.50	0.1778
20	1	49		24.58	24.61	24.55		
20	1	99		24.52	24.52	24.47		
20	50	0		23.69	23.72	23.71		
20	50	24		23.64	23.67	23.65		
20	50	50		23.57	23.62	23.59		
20	100	0		23.60	23.68	23.63		
20	1	0	16-QAM	23.94	24.00	24.06	21.83	0.1524
20	1	49		23.92	23.90	23.84		
20	1	99		23.83	23.90	23.87		
20	50	0		22.69	22.71	22.71		
20	50	24		22.61	22.66	22.66		
20	50	50		22.60	22.62	22.60		
20	100	0		22.65	22.67	22.64		
20	1	0	64-QAM	22.92	22.92	22.91	20.69	0.1172
20	1	49		22.85	22.85	22.78		
20	1	99		22.85	22.79	22.78		
20	50	0		21.69	21.69	21.68		
20	50	24		21.66	21.66	21.67		
20	50	50		21.56	21.63	21.60		
20	100	0		21.65	21.69	21.66		
20	1	0	256-QAM	20.23	20.23	20.22	18.00	0.0631
20	1	49		20.17	20.17	20.08		
20	1	99		20.12	20.11	20.07		
20	50	0		20.02	20.01	19.99		
20	50	24		19.96	19.99	20.00		
20	50	50		19.82	19.97	19.95		
20	100	0		19.92	19.99	19.93		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.63	24.66	24.63	22.43	0.1750
15	1	37		24.55	24.54	24.51		
15	1	74		24.51	24.50	24.42		
15	36	0		23.69	23.72	23.69		
15	36	20		23.57	23.62	23.65		
15	36	39		23.57	23.52	23.59		
15	75	0		23.59	23.68	23.54		
15	1	0	16-QAM	23.84	23.90	23.97	21.74	0.1493
15	1	37		23.90	23.82	23.80		
15	1	74		23.81	23.87	23.80		
15	36	0		22.60	22.63	22.70		
15	36	20		22.53	22.62	22.62		
15	36	39		22.54	22.62	22.52		
15	75	0		22.56	22.66	22.56		
15	1	0	64-QAM	22.91	22.88	22.86	20.68	0.1169
15	1	37		22.78	22.80	22.78		
15	1	74		22.82	22.73	22.68		
15	36	0		21.64	21.63	21.64		
15	36	20		21.60	21.65	21.62		
15	36	39		21.55	21.63	21.56		
15	75	0		21.59	21.69	21.61		
15	1	0	256-QAM	20.19	20.16	20.17	17.96	0.0625
15	1	37		20.10	20.08	20.08		
15	1	74		20.06	20.05	20.05		
15	36	0		19.95	19.94	19.94		
15	36	20		19.89	19.98	19.94		
15	36	39		19.73	19.88	19.90		
15	75	0		19.83	19.96	19.93		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.64	24.70	24.65	22.47	0.1766
10	1	25		24.49	24.54	24.49		
10	1	49		24.49	24.42	24.45		
10	25	0		23.68	23.69	23.61		
10	25	12		23.55	23.60	23.61		
10	25	25		23.50	23.61	23.52		
10	50	0		23.51	23.68	23.62		
10	1	0	16-QAM	23.90	23.90	23.98	21.75	0.1496
10	1	25		23.85	23.82	23.79		
10	1	49		23.77	23.82	23.83		
10	25	0		22.63	22.66	22.68		
10	25	12		22.58	22.58	22.64		
10	25	25		22.53	22.52	22.57		
10	50	0		22.64	22.64	22.63		
10	1	0	64-QAM	22.89	22.89	22.83	20.66	0.1164
10	1	25		22.84	22.79	22.70		
10	1	49		22.80	22.73	22.78		
10	25	0		21.62	21.62	21.65		
10	25	12		21.58	21.62	21.66		
10	25	25		21.51	21.62	21.53		
10	50	0		21.62	21.64	21.63		
10	1	0	256-QAM	20.23	20.22	20.12	18.00	0.0631
10	1	25		20.15	20.09	20.00		
10	1	49		20.07	20.06	19.99		
10	25	0		19.96	20.00	19.94		
10	25	12		19.94	19.99	19.93		
10	25	25		19.81	19.93	19.89		
10	50	0		19.82	19.89	19.88		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.58	24.65	24.65	22.42	0.1746
5	1	12		24.52	24.52	24.52		
5	1	24		24.47	24.45	24.42		
5	12	0		23.69	23.66	23.69		
5	12	7		23.56	23.61	23.65		
5	12	13		23.47	23.62	23.49		
5	25	0		23.57	23.61	23.56		
5	1	0	16-QAM	23.85	23.92	24.01	21.78	0.1507
5	1	12		23.83	23.82	23.81		
5	1	24		23.83	23.83	23.81		
5	12	0		22.65	22.65	22.66		
5	12	7		22.59	22.59	22.56		
5	12	13		22.53	22.55	22.60		
5	25	0		22.65	22.66	22.55		
5	1	0	64-QAM	22.83	22.85	22.82	20.62	0.1153
5	1	12		22.75	22.81	22.71		
5	1	24		22.81	22.73	22.69		
5	12	0		21.67	21.61	21.66		
5	12	7		21.59	21.65	21.64		
5	12	13		21.50	21.60	21.53		
5	25	0		21.61	21.60	21.64		
5	1	0	256-QAM	20.19	20.17	20.20	17.97	0.0627
5	1	12		20.08	20.07	20.05		
5	1	24		20.07	20.02	20.00		
5	12	0		19.93	19.96	19.93		
5	12	7		19.88	19.90	19.98		
5	12	13		19.80	19.94	19.85		
5	25	0		19.85	19.98	19.90		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.56	24.64	24.67	22.44	0.1754
3	1	8		24.53	24.52	24.54		
3	1	14		24.43	24.47	24.37		
3	8	0		23.59	23.67	23.64		
3	8	4		23.57	23.59	23.62		
3	8	7		23.49	23.61	23.49		
3	15	0		23.55	23.65	23.61		
3	1	0	16-QAM	23.84	23.96	24.04	21.81	0.1517
3	1	8		23.87	23.89	23.81		
3	1	14		23.78	23.82	23.81		
3	8	0		22.68	22.64	22.67		
3	8	4		22.53	22.62	22.56		
3	8	7		22.56	22.58	22.59		
3	15	0		22.58	22.63	22.57		
3	1	0	64-QAM	22.92	22.83	22.84	20.69	0.1172
3	1	8		22.79	22.76	22.77		
3	1	14		22.80	22.70	22.70		
3	8	0		21.65	21.69	21.64		
3	8	4		21.66	21.63	21.60		
3	8	7		21.48	21.63	21.51		
3	15	0		21.57	21.63	21.60		
3	1	0	256-QAM	20.20	20.18	20.14	17.97	0.0627
3	1	8		20.17	20.13	20.04		
3	1	14		20.05	20.11	20.05		
3	8	0		20.01	19.97	19.97		
3	8	4		19.91	19.99	19.93		
3	8	7		19.79	19.89	19.88		
3	15	0		19.86	19.92	19.84		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.55	24.68	24.66	22.45	0.1758
1.4	1	3		24.48	24.52	24.48		
1.4	1	5		24.45	24.46	24.38		
1.4	3	0		24.43	24.63	24.56		
1.4	3	1		24.38	24.58	24.57		
1.4	3	3		24.45	24.51	24.49		
1.4	6	0		23.51	23.64	23.63		
1.4	1	0	16-QAM	23.88	23.91	24.01	21.78	0.1507
1.4	1	3		23.90	23.85	23.79		
1.4	1	5		23.79	23.87	23.87		
1.4	3	0		23.85	23.95	23.98		
1.4	3	1		23.82	23.81	23.78		
1.4	3	3		23.75	23.86	23.80		
1.4	6	0		22.64	22.61	22.60		
1.4	1	0	64-QAM	22.82	22.83	22.83	20.62	0.1153
1.4	1	3		22.81	22.75	22.70		
1.4	1	5		22.80	22.69	22.77		
1.4	3	0		22.85	22.84	22.84		
1.4	3	1		22.83	22.77	22.78		
1.4	3	3		22.80	22.75	22.69		
1.4	6	0		21.61	21.61	21.61		
1.4	1	0	256-QAM	20.13	20.13	20.20	17.97	0.0627
1.4	1	3		20.11	20.12	20.03		
1.4	1	5		20.03	20.08	20.06		
1.4	3	0		20.20	20.17	20.18		
1.4	3	1		20.17	20.07	20.05		
1.4	3	3		20.08	20.05	20.07		
1.4	6	0		19.90	19.95	19.89		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.41	24.42	24.36	18.44	0.0698
10	1	25		24.26	24.30	24.22		
10	1	49		24.26	24.31	24.22		
10	25	0		23.46	23.51	23.42		
10	25	12		23.42	23.49	23.35		
10	25	25		23.42	23.45	23.36		
10	50	0		23.45	23.48	23.38		
10	1	0	16-QAM	23.63	23.64	23.71	17.73	0.0593
10	1	25		23.55	23.59	23.57		
10	1	49		23.46	23.62	23.47		
10	25	0		22.43	22.49	22.42		
10	25	12		22.44	22.46	22.37		
10	25	25		22.42	22.42	22.39		
10	50	0		22.41	22.46	22.40		
10	1	0	64-QAM	22.59	22.62	22.62	16.64	0.0461
10	1	25		22.51	22.57	22.54		
10	1	49		22.50	22.61	22.41		
10	25	0		21.42	21.45	21.42		
10	25	12		21.42	21.45	21.41		
10	25	25		21.40	21.41	21.35		
10	50	0		21.41	21.45	21.43		
10	1	0	256-QAM	19.87	19.95	19.89	13.97	0.0249
10	1	25		19.82	19.88	19.83		
10	1	49		19.78	19.88	19.66		
10	25	0		19.75	19.79	19.76		
10	25	12		19.73	19.70	19.68		
10	25	25		19.72	19.74	19.68		
10	50	0		19.70	19.80	19.71		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.36	24.35	24.31	18.38	0.0689
5	1	12		24.22	24.22	24.13		
5	1	24		24.18	24.28	24.20		
5	12	0		23.41	23.49	23.34		
5	12	7		23.41	23.46	23.28		
5	12	13		23.39	23.42	23.26		
5	25	0		23.45	23.43	23.31		
5	1	0	16-QAM	23.56	23.54	23.62	17.64	0.0581
5	1	12		23.51	23.57	23.57		
5	1	24		23.45	23.56	23.38		
5	12	0		22.43	22.44	22.37		
5	12	7		22.38	22.37	22.34		
5	12	13		22.42	22.33	22.36		
5	25	0		22.39	22.45	22.33		
5	1	0	64-QAM	22.51	22.55	22.62	16.64	0.0461
5	1	12		22.45	22.47	22.45		
5	1	24		22.45	22.53	22.40		
5	12	0		21.33	21.43	21.38		
5	12	7		21.38	21.41	21.35		
5	12	13		21.37	21.37	21.25		
5	25	0		21.36	21.41	21.38		
5	1	0	256-QAM	19.87	19.88	19.82	13.90	0.0245
5	1	12		19.81	19.78	19.82		
5	1	24		19.76	19.86	19.65		
5	12	0		19.70	19.78	19.73		
5	12	7		19.68	19.61	19.59		
5	12	13		19.66	19.67	19.63		
5	25	0		19.68	19.78	19.71		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.38	24.35	24.25	18.40	0.0692
3	1	8		24.23	24.30	24.17		
3	1	14		24.26	24.31	24.19		
3	8	0		23.44	23.49	23.37		
3	8	4		23.38	23.40	23.34		
3	8	7		23.35	23.36	23.30		
3	15	0		23.38	23.40	23.32		
3	1	0	16-QAM	23.57	23.58	23.61	17.63	0.0579
3	1	8		23.53	23.49	23.54		
3	1	14		23.42	23.59	23.42		
3	8	0		22.33	22.43	22.41		
3	8	4		22.39	22.42	22.34		
3	8	7		22.41	22.42	22.39		
3	15	0		22.36	22.44	22.36		
3	1	0	64-QAM	22.57	22.57	22.58	16.63	0.0460
3	1	8		22.50	22.53	22.44		
3	1	14		22.47	22.61	22.33		
3	8	0		21.40	21.41	21.42		
3	8	4		21.40	21.35	21.37		
3	8	7		21.33	21.34	21.27		
3	15	0		21.39	21.39	21.33		
3	1	0	256-QAM	19.77	19.95	19.85	13.97	0.0249
3	1	8		19.78	19.87	19.74		
3	1	14		19.74	19.85	19.59		
3	8	0		19.65	19.74	19.66		
3	8	4		19.67	19.66	19.68		
3	8	7		19.71	19.64	19.64		
3	15	0		19.70	19.75	19.67		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.29	24.39	24.25	18.41	0.0693
1.4	1	3		24.24	24.26	24.13		
1.4	1	5		24.17	24.30	24.13		
1.4	3	0		24.21	24.34	24.21		
1.4	3	1		24.22	24.29	24.17		
1.4	3	3		24.13	24.20	24.15		
1.4	6	0		23.40	23.45	23.32		
1.4	1	0	16-QAM	23.57	23.62	23.69	17.71	0.0590
1.4	1	3		23.49	23.58	23.51		
1.4	1	5		23.46	23.60	23.47		
1.4	3	0		23.35	23.45	23.35		
1.4	3	1		23.40	23.42	23.32		
1.4	3	3		23.38	23.48	23.35		
1.4	6	0		22.39	22.40	22.39		
1.4	1	0	64-QAM	22.59	22.55	22.61	16.63	0.0460
1.4	1	3		22.47	22.57	22.52		
1.4	1	5		22.40	22.60	22.38		
1.4	3	0		22.42	22.46	22.40		
1.4	3	1		22.35	22.41	22.32		
1.4	3	3		22.37	22.39	22.31		
1.4	6	0		21.40	21.44	21.37		
1.4	1	0	256-QAM	19.78	19.89	19.80	13.91	0.0246
1.4	1	3		19.73	19.81	19.82		
1.4	1	5		19.76	19.82	19.62		
1.4	3	0		19.68	19.76	19.76		
1.4	3	1		19.67	19.68	19.62		
1.4	3	3		19.64	19.70	19.62		
1.4	6	0		19.65	19.73	19.69		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.91	23.88	23.90	24.82	0.3034
20	1	49		23.86	23.86	23.87		
20	1	99		23.85	23.84	23.86		
20	50	0		22.98	22.92	22.97		
20	50	24		22.95	22.90	22.96		
20	50	50		22.96	22.91	22.95		
20	100	0		22.97	22.90	22.95		
20	1	0	16-QAM	23.11	23.07	23.15	24.24	0.2655
20	1	49		23.15	23.19	23.21		
20	1	99		23.33	23.18	23.28		
20	50	0		21.92	21.90	21.94		
20	50	24		21.93	21.91	21.95		
20	50	50		21.95	21.95	22.00		
20	100	0		21.94	21.92	21.98		
20	1	0	64-QAM	21.96	22.00	22.06	23.06	0.2023
20	1	49		21.98	22.02	22.08		
20	1	99		22.14	22.07	22.15		
20	50	0		20.89	20.92	20.97		
20	50	24		20.94	20.93	20.96		
20	50	50		20.96	20.97	20.98		
20	100	0		20.92	20.96	20.98		
20	1	0	256-QAM	19.29	19.32	19.38	20.33	0.1079
20	1	49		19.28	19.33	19.39		
20	1	99		19.42	19.37	19.42		
20	50	0		19.17	19.17	19.26		
20	50	24		19.25	19.25	19.21		
20	50	50		19.28	19.31	19.27		
20	100	0		19.20	19.24	19.32		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.84	23.85	23.82	24.77	0.2999
15	1	37		23.86	23.79	23.85		
15	1	74		23.79	23.73	23.83		
15	36	0		22.94	22.86	22.97		
15	36	20		22.88	22.82	22.93		
15	36	39		22.88	22.90	22.94		
15	75	0		22.94	22.83	22.95		
15	1	0	16-QAM	23.07	23.06	23.05	24.18	0.2618
15	1	37		23.09	23.14	23.20		
15	1	74		23.27	23.13	23.22		
15	36	0		21.89	21.82	21.92		
15	36	20		21.92	21.88	21.89		
15	36	39		21.93	21.92	21.96		
15	75	0		21.86	21.83	21.93		
15	1	0	64-QAM	21.89	21.95	22.00	23.04	0.2014
15	1	37		21.94	21.97	22.08		
15	1	74		22.05	22.04	22.13		
15	36	0		20.84	20.82	20.97		
15	36	20		20.89	20.93	20.94		
15	36	39		20.96	20.87	20.89		
15	75	0		20.82	20.95	20.89		
15	1	0	256-QAM	19.26	19.27	19.32	20.33	0.1079
15	1	37		19.18	19.26	19.37		
15	1	74		19.34	19.29	19.42		
15	36	0		19.16	19.07	19.20		
15	36	20		19.16	19.17	19.18		
15	36	39		19.19	19.28	19.26		
15	75	0		19.18	19.20	19.31		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.82	23.81	23.79	24.77	0.2999
10	1	25		23.81	23.73	23.86		
10	1	49		23.76	23.76	23.83		
10	25	0		22.97	22.83	22.92		
10	25	12		22.87	22.87	22.96		
10	25	25		22.94	22.84	22.94		
10	50	0		22.96	22.83	22.91		
10	1	0	16-QAM	23.04	23.03	23.08	24.22	0.2642
10	1	25		23.05	23.16	23.17		
10	1	49		23.31	23.16	23.20		
10	25	0		21.85	21.80	21.86		
10	25	12		21.92	21.82	21.91		
10	25	25		21.88	21.92	21.99		
10	50	0		21.85	21.88	21.88		
10	1	0	64-QAM	21.88	21.98	22.04	23.02	0.2004
10	1	25		21.91	21.96	22.05		
10	1	49		22.11	22.06	22.06		
10	25	0		20.87	20.92	20.97		
10	25	12		20.89	20.91	20.96		
10	25	25		20.90	20.95	20.96		
10	50	0		20.88	20.95	20.88		
10	1	0	256-QAM	19.23	19.30	19.33	20.32	0.1076
10	1	25		19.18	19.32	19.34		
10	1	49		19.41	19.29	19.35		
10	25	0		19.16	19.08	19.17		
10	25	12		19.22	19.21	19.19		
10	25	25		19.20	19.21	19.20		
10	50	0		19.17	19.14	19.30		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.86	23.85	23.83	24.77	0.2999
5	1	12		23.85	23.75	23.85		
5	1	24		23.84	23.76	23.77		
5	12	0		22.89	22.92	22.89		
5	12	7		22.95	22.86	22.93		
5	12	13		22.88	22.83	22.87		
5	25	0		22.94	22.83	22.85		
5	1	0	16-QAM	23.08	23.03	23.11	24.16	0.2606
5	1	12		23.13	23.09	23.15		
5	1	24		23.25	23.13	23.25		
5	12	0		21.92	21.90	21.94		
5	12	7		21.90	21.84	21.91		
5	12	13		21.91	21.88	21.98		
5	25	0		21.84	21.87	21.92		
5	1	0	64-QAM	21.88	21.91	21.96	23.01	0.2000
5	1	12		21.89	22.02	21.98		
5	1	24		22.10	21.98	22.05		
5	12	0		20.87	20.86	20.88		
5	12	7		20.84	20.91	20.90		
5	12	13		20.92	20.92	20.90		
5	25	0		20.85	20.96	20.97		
5	1	0	256-QAM	19.29	19.27	19.34	20.32	0.1076
5	1	12		19.21	19.27	19.33		
5	1	24		19.37	19.33	19.41		
5	12	0		19.07	19.13	19.23		
5	12	7		19.20	19.17	19.19		
5	12	13		19.28	19.24	19.24		
5	25	0		19.17	19.18	19.31		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.10	24.11	24.08	15.13	0.0326
10	1	25		24.04	23.95	24.00		
10	1	49		24.06	24.08	24.03		
10	25	0		23.14	23.20	23.18		
10	25	12		23.11	23.13	23.18		
10	25	25		23.13	23.18	23.15		
10	50	0		23.11	23.16	23.14		
10	1	0	16-QAM	23.47	23.47	23.52	14.54	0.0284
10	1	25		23.51	23.42	23.35		
10	1	49		23.42	23.43	23.43		
10	25	0		22.18	22.14	22.20		
10	25	12		22.15	22.14	22.21		
10	25	25		22.18	22.17	22.21		
10	50	0		22.17	22.12	22.16		
10	1	0	64-QAM	22.34	22.34	22.38	13.41	0.0219
10	1	25		22.35	22.24	22.28		
10	1	49		22.36	22.30	22.39		
10	25	0		21.16	21.13	21.15		
10	25	12		21.17	21.14	21.19		
10	25	25		21.17	21.15	21.19		
10	50	0		21.20	21.16	21.18		
10	1	0	256-QAM	19.68	19.59	19.65	10.71	0.0118
10	1	25		19.69	19.59	19.63		
10	1	49		19.64	19.65	19.69		
10	25	0		19.42	19.48	19.44		
10	25	12		19.43	19.40	19.48		
10	25	25		19.48	19.42	19.46		
10	50	0		19.51	19.41	19.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.03	24.00	24.01	15.07	0.0321
5	1	12		23.95	23.94	23.99		
5	1	24		24.03	24.05	23.97		
5	12	0		23.14	23.15	23.10		
5	12	7		23.06	23.04	23.11		
5	12	13		23.09	23.09	23.09		
5	25	0		23.05	23.07	23.10		
5	1	0	16-QAM	23.46	23.38	23.44	14.52	0.0283
5	1	12		23.50	23.42	23.30		
5	1	24		23.40	23.41	23.33		
5	12	0		22.14	22.12	22.18		
5	12	7		22.06	22.05	22.20		
5	12	13		22.16	22.08	22.13		
5	25	0		22.17	22.11	22.16		
5	1	0	64-QAM	22.33	22.33	22.37	13.39	0.0218
5	1	12		22.35	22.24	22.24		
5	1	24		22.36	22.25	22.33		
5	12	0		21.11	21.08	21.07		
5	12	7		21.14	21.12	21.11		
5	12	13		21.13	21.11	21.18		
5	25	0		21.19	21.16	21.13		
5	1	0	256-QAM	19.65	19.49	19.56	10.67	0.0117
5	1	12		19.63	19.54	19.62		
5	1	24		19.55	19.61	19.64		
5	12	0		19.42	19.48	19.43		
5	12	7		19.42	19.35	19.45		
5	12	13		19.39	19.37	19.43		
5	25	0		19.44	19.37	19.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.01	24.03	24.06	15.08	0.0322
3	1	8		24.04	23.90	23.90		
3	1	14		23.96	24.02	23.94		
3	8	0		23.14	23.14	23.16		
3	8	4		23.07	23.07	23.15		
3	8	7		23.12	23.12	23.13		
3	15	0		23.05	23.14	23.10		
3	1	0	16-QAM	23.38	23.39	23.45	14.47	0.0280
3	1	8		23.42	23.38	23.30		
3	1	14		23.37	23.34	23.36		
3	8	0		22.15	22.06	22.11		
3	8	4		22.13	22.07	22.20		
3	8	7		22.16	22.14	22.17		
3	15	0		22.17	22.08	22.06		
3	1	0	64-QAM	22.30	22.27	22.36	13.38	0.0218
3	1	8		22.29	22.19	22.25		
3	1	14		22.32	22.28	22.35		
3	8	0		21.15	21.08	21.07		
3	8	4		21.10	21.11	21.10		
3	8	7		21.10	21.15	21.10		
3	15	0		21.11	21.07	21.13		
3	1	0	256-QAM	19.61	19.51	19.61	10.66	0.0116
3	1	8		19.62	19.50	19.58		
3	1	14		19.64	19.62	19.63		
3	8	0		19.37	19.46	19.37		
3	8	4		19.34	19.34	19.46		
3	8	7		19.45	19.35	19.36		
3	15	0		19.44	19.40	19.42		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -6.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.01	24.04	24.02	15.06	0.0321
1.4	1	3		24.01	23.94	23.99		
1.4	1	5		24.01	24.03	24.01		
1.4	3	0		23.96	23.91	23.95		
1.4	3	1		23.96	23.96	23.94		
1.4	3	3		23.94	23.91	23.96		
1.4	6	0		23.02	23.06	23.08		
1.4	1	0	16-QAM	23.39	23.38	23.43	14.51	0.0282
1.4	1	3		23.49	23.42	23.29		
1.4	1	5		23.39	23.34	23.33		
1.4	3	0		23.46	23.42	23.44		
1.4	3	1		23.47	23.35	23.31		
1.4	3	3		23.36	23.43	23.34		
1.4	6	0		22.15	22.04	22.08		
1.4	1	0	64-QAM	22.34	22.27	22.34	13.38	0.0218
1.4	1	3		22.31	22.18	22.23		
1.4	1	5		22.36	22.28	22.31		
1.4	3	0		22.25	22.24	22.32		
1.4	3	1		22.25	22.19	22.25		
1.4	3	3		22.33	22.21	22.35		
1.4	6	0		21.11	21.06	21.10		
1.4	1	0	256-QAM	19.68	19.49	19.60	10.70	0.0117
1.4	1	3		19.67	19.56	19.54		
1.4	1	5		19.58	19.64	19.64		
1.4	3	0		19.62	19.58	19.61		
1.4	3	1		19.62	19.55	19.60		
1.4	3	3		19.64	19.60	19.68		
1.4	6	0		19.45	19.38	19.42		
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3.14 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)		
10	1	0	QPSK	-	24.20	-	18.91	0.0778		
10	1	25			24.03					
10	1	49			24.14					
10	25	0			23.35					
10	25	12			23.33					
10	25	25			23.31					
10	50	0			23.29					
10	1	0	16-QAM		23.53	-	18.25	0.0668		
10	1	25			23.37					
10	1	49			23.54					
10	25	0			22.25					
10	25	12			22.29					
10	25	25			22.29					
10	50	0			22.26					
10	1	0	64-QAM		22.42		-	17.13	0.0516	
10	1	25			22.25					
10	1	49			22.38					
10	25	0			21.27					
10	25	12			21.28					
10	25	25			21.26					
10	50	0			21.32					
10	1	0	256-QAM		19.77			-	14.48	0.0281
10	1	25			19.55					
10	1	49			19.66					
10	25	0			19.53					
10	25	12			19.61					
10	25	25			19.55					
10	50	0			19.58					
Limit	ERP < 3W			Result					Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -3.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.10	24.08	24.10	18.81	0.0760
5	1	12		24.03	23.99	24.01		
5	1	24		24.10	24.08	24.05		
5	12	0		23.27	23.28	23.26		
5	12	7		23.25	23.24	23.24		
5	12	13		23.30	23.29	23.29		
5	25	0		23.19	23.27	23.23		
5	1	0	16-QAM	23.51	23.48	23.49	18.23	0.0665
5	1	12		23.31	23.29	23.31		
5	1	24		23.51	23.47	23.52		
5	12	0		22.22	22.19	22.24		
5	12	7		22.27	22.24	22.28		
5	12	13		22.20	22.27	22.22		
5	25	0		22.21	22.21	22.17		
5	1	0	64-QAM	22.34	22.33	22.35	17.06	0.0508
5	1	12		22.20	22.25	22.17		
5	1	24		22.30	22.30	22.31		
5	12	0		21.20	21.23	21.18		
5	12	7		21.18	21.23	21.22		
5	12	13		21.20	21.21	21.20		
5	25	0		21.24	21.26	21.28		
5	1	0	256-QAM	19.74	19.70	19.68	14.45	0.0279
5	1	12		19.51	19.47	19.51		
5	1	24		19.63	19.60	19.60		
5	12	0		19.48	19.51	19.53		
5	12	7		19.56	19.51	19.55		
5	12	13		19.54	19.46	19.52		
5	25	0		19.49	19.53	19.53		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.13	24.16	24.15	15.17	0.0329
10	1	25		23.96	23.98	24.04		
10	1	49		24.13	24.09	24.13		
10	25	0		23.23	23.28	23.24		
10	25	12		23.20	23.23	23.23		
10	25	25		23.20	23.22	23.23		
10	50	0		23.18	23.20	23.19		
10	1	0	16-QAM	23.54	23.56	23.55	14.57	0.0286
10	1	25		23.37	23.43	23.44		
10	1	49		23.38	23.47	23.48		
10	25	0		22.19	22.19	22.22		
10	25	12		22.20	22.22	22.22		
10	25	25		22.22	22.20	22.24		
10	50	0		22.15	22.15	22.20		
10	1	0	64-QAM	22.43	22.32	22.35	13.44	0.0221
10	1	25		22.23	22.19	22.32		
10	1	49		22.33	22.33	22.36		
10	25	0		21.17	21.14	21.18		
10	25	12		21.20	21.19	21.25		
10	25	25		21.21	21.21	21.24		
10	50	0		21.20	21.21	21.21		
10	1	0	256-QAM	19.72	19.59	19.68	10.73	0.0118
10	1	25		19.53	19.44	19.64		
10	1	49		19.65	19.60	19.63		
10	25	0		19.46	19.49	19.53		
10	25	12		19.55	19.52	19.54		
10	25	25		19.50	19.49	19.58		
10	50	0		19.54	19.54	19.54		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -6.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.09	24.11	24.02	15.12	0.0325
5	1	12		23.87	23.95	23.97		
5	1	24		24.05	23.99	24.06		
5	12	0		23.15	23.20	23.17		
5	12	7		23.13	23.16	23.14		
5	12	13		23.19	23.19	23.19		
5	25	0		23.14	23.12	23.16		
5	1	0	16-QAM	23.44	23.49	23.47	14.50	0.0282
5	1	12		23.34	23.37	23.43		
5	1	24		23.32	23.38	23.42		
5	12	0		22.09	22.12	22.22		
5	12	7		22.10	22.20	22.20		
5	12	13		22.12	22.15	22.18		
5	25	0		22.05	22.07	22.12		
5	1	0	64-QAM	22.37	22.30	22.28	13.38	0.0218
5	1	12		22.14	22.09	22.32		
5	1	24		22.29	22.33	22.27		
5	12	0		21.12	21.11	21.12		
5	12	7		21.11	21.13	21.22		
5	12	13		21.13	21.21	21.18		
5	25	0		21.10	21.14	21.16		
5	1	0	256-QAM	19.64	19.58	19.65	10.66	0.0116
5	1	12		19.49	19.40	19.60		
5	1	24		19.55	19.56	19.62		
5	12	0		19.36	19.44	19.51		
5	12	7		19.48	19.49	19.44		
5	12	13		19.49	19.43	19.53		
5	25	0		19.48	19.48	19.51		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.18	24.15	24.16	18.20	0.0661
15	1	37		24.09	24.04	24.02		
15	1	74		24.07	23.99	23.98		
15	36	0		23.25	23.11	23.12		
15	36	20		23.15	23.09	23.11		
15	36	39		23.09	23.08	23.11		
15	75	0		23.08	23.05	23.07		
15	1	0	16-QAM	23.35	23.39	23.42	17.44	0.0555
15	1	37		23.32	23.35	23.31		
15	1	74		23.34	23.32	23.19		
15	36	0		22.20	22.14	22.12		
15	36	20		22.16	22.12	22.11		
15	36	39		22.12	22.07	22.07		
15	75	0		22.15	22.12	22.10		
15	1	0	64-QAM	22.37	22.40	22.51	16.53	0.0450
15	1	37		22.34	22.37	22.32		
15	1	74		22.39	22.25	22.21		
15	36	0		21.22	21.14	21.16		
15	36	20		21.15	21.14	21.13		
15	36	39		21.12	21.10	21.09		
15	75	0		21.19	21.14	21.13		
15	1	0	256-QAM	19.68	19.71	19.86	13.88	0.0244
15	1	37		19.59	19.72	19.60		
15	1	74		19.69	19.52	19.50		
15	36	0		19.48	19.45	19.51		
15	36	20		19.48	19.49	19.46		
15	36	39		19.42	19.35	19.40		
15	75	0		19.50	19.45	19.46		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.15	24.08	24.07	18.17	0.0656
10	1	25		24.02	23.97	23.92		
10	1	49		23.97	23.90	23.91		
10	25	0		23.21	23.07	23.08		
10	25	12		23.12	23.04	23.05		
10	25	25		23.04	23.07	23.11		
10	50	0		23.03	22.95	23.05		
10	1	0	16-QAM	23.30	23.36	23.34	17.38	0.0547
10	1	25		23.30	23.31	23.22		
10	1	49		23.32	23.25	23.13		
10	25	0		22.15	22.08	22.03		
10	25	12		22.06	22.03	22.01		
10	25	25		22.05	21.99	22.01		
10	50	0		22.15	22.06	22.05		
10	1	0	64-QAM	22.37	22.34	22.49	16.51	0.0448
10	1	25		22.33	22.30	22.28		
10	1	49		22.34	22.15	22.18		
10	25	0		21.18	21.14	21.16		
10	25	12		21.06	21.07	21.06		
10	25	25		21.04	21.01	21.09		
10	50	0		21.16	21.06	21.06		
10	1	0	256-QAM	19.63	19.67	19.84	13.86	0.0243
10	1	25		19.55	19.69	19.50		
10	1	49		19.64	19.45	19.40		
10	25	0		19.44	19.40	19.42		
10	25	12		19.42	19.46	19.40		
10	25	25		19.34	19.32	19.40		
10	50	0		19.44	19.43	19.44		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.09	24.11	24.12	18.14	0.0652
5	1	12		24.05	23.96	23.97		
5	1	24		24.06	23.98	23.98		
5	12	0		23.25	23.06	23.12		
5	12	7		23.10	23.03	23.10		
5	12	13		22.99	23.03	23.04		
5	25	0		23.02	23.01	22.98		
5	1	0	16-QAM	23.29	23.38	23.41	17.43	0.0553
5	1	12		23.24	23.30	23.21		
5	1	24		23.26	23.27	23.19		
5	12	0		22.16	22.05	22.03		
5	12	7		22.06	22.10	22.11		
5	12	13		22.11	22.03	22.01		
5	25	0		22.11	22.08	22.07		
5	1	0	64-QAM	22.34	22.39	22.51	16.53	0.0450
5	1	12		22.30	22.34	22.24		
5	1	24		22.33	22.20	22.21		
5	12	0		21.15	21.06	21.06		
5	12	7		21.12	21.09	21.05		
5	12	13		21.10	21.10	20.99		
5	25	0		21.17	21.11	21.06		
5	1	0	256-QAM	19.60	19.64	19.76	13.78	0.0239
5	1	12		19.58	19.67	19.56		
5	1	24		19.61	19.42	19.47		
5	12	0		19.41	19.39	19.49		
5	12	7		19.45	19.42	19.36		
5	12	13		19.40	19.26	19.32		
5	25	0		19.49	19.42	19.37		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.06	24.08	24.08	18.10	0.0646
3	1	8		24.05	23.98	24.01		
3	1	14		24.05	23.97	23.90		
3	8	0		23.20	23.01	23.11		
3	8	4		23.14	23.03	23.08		
3	8	7		23.03	22.99	23.01		
3	15	0		23.07	23.04	23.01		
3	1	0	16-QAM	23.34	23.32	23.41	17.43	0.0553
3	1	8		23.25	23.27	23.30		
3	1	14		23.34	23.24	23.15		
3	8	0		22.14	22.06	22.06		
3	8	4		22.07	22.05	22.05		
3	8	7		22.06	21.97	21.98		
3	15	0		22.10	22.10	22.00		
3	1	0	64-QAM	22.35	22.32	22.47	16.49	0.0446
3	1	8		22.25	22.28	22.23		
3	1	14		22.39	22.18	22.11		
3	8	0		21.22	21.13	21.10		
3	8	4		21.11	21.14	21.07		
3	8	7		21.05	21.10	20.99		
3	15	0		21.09	21.12	21.10		
3	1	0	256-QAM	19.63	19.71	19.85	13.87	0.0244
3	1	8		19.50	19.62	19.51		
3	1	14		19.69	19.42	19.49		
3	8	0		19.46	19.37	19.46		
3	8	4		19.48	19.42	19.38		
3	8	7		19.35	19.25	19.39		
3	15	0		19.46	19.37	19.36		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.26	24.23	24.27	18.39	0.0690
1.4	1	3		24.17	24.21	24.10		
1.4	1	5		24.25	24.37	24.04		
1.4	3	0		24.20	24.21	24.21		
1.4	3	1		24.09	24.29	24.17		
1.4	3	3		24.19	24.25	24.14		
1.4	6	0		23.25	23.46	23.27		
1.4	1	0	16-QAM	23.59	23.57	23.58	17.66	0.0583
1.4	1	3		23.59	23.47	23.56		
1.4	1	5		23.53	23.52	23.37		
1.4	3	0		23.61	23.64	23.54		
1.4	3	1		23.53	23.56	23.53		
1.4	3	3		23.45	23.36	23.39		
1.4	6	0		22.37	22.28	22.30		
1.4	1	0	64-QAM	22.38	22.62	22.37	16.72	0.0470
1.4	1	3		22.48	22.57	22.37		
1.4	1	5		22.37	22.47	22.25		
1.4	3	0		22.39	22.58	22.37		
1.4	3	1		22.70	22.58	22.34		
1.4	3	3		22.51	22.37	22.17		
1.4	6	0		21.32	21.21	21.21		
1.4	1	0	256-QAM	19.82	19.87	19.75	13.92	0.0247
1.4	1	3		19.82	19.90	19.63		
1.4	1	5		19.68	19.79	19.57		
1.4	3	0		19.72	19.69	19.71		
1.4	3	1		19.64	19.62	19.52		
1.4	3	3		19.67	19.47	19.58		
1.4	6	0		19.59	19.53	19.53		
Limit	ERP < 7W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.22	24.23	24.25	24.70	0.2951
20	1	49		24.21	24.21	24.21		
20	1	99		24.20	24.22	24.21		
20	50	0		23.23	23.24	23.25		
20	50	24		23.20	23.18	23.21		
20	50	50		23.20	23.19	23.23		
20	100	0		23.21	23.22	23.24		
20	1	0	16-QAM	23.36	23.36	23.38	23.83	0.2415
20	1	49		23.29	23.31	23.34		
20	1	99		23.36	23.33	23.31		
20	50	0		22.19	22.18	22.18		
20	50	24		22.22	22.20	22.18		
20	50	50		22.21	22.19	22.20		
20	100	0		22.25	22.25	22.28		
20	1	0	64-QAM	22.05	22.02	21.98	22.52	0.1786
20	1	49		21.98	22.01	21.96		
20	1	99		22.07	22.07	21.99		
20	50	0		21.22	21.20	21.19		
20	50	24		21.22	21.20	21.19		
20	50	50		21.22	21.22	21.20		
20	100	0		21.23	21.24	21.22		
20	1	0	256-QAM	19.48	19.39	19.40	20.13	0.1030
20	1	49		19.36	19.39	19.35		
20	1	99		19.52	19.43	19.43		
20	50	0		19.59	19.64	19.60		
20	50	24		19.60	19.60	19.55		
20	50	50		19.59	19.58	19.56		
20	100	0		19.62	19.68	19.59		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.19	24.11	24.16	24.66	0.2924
15	1	37		24.05	24.21	24.06		
15	1	74		24.13	24.11	24.18		
15	36	0		23.17	23.16	23.21		
15	36	20		23.15	23.00	23.18		
15	36	39		23.12	23.03	23.03		
15	75	0		23.01	23.06	23.13		
15	1	0	16-QAM	23.16	23.27	23.30	23.76	0.2377
15	1	37		23.15	23.31	23.22		
15	1	74		23.22	23.17	23.16		
15	36	0		22.07	22.06	22.02		
15	36	20		22.05	22.06	22.17		
15	36	39		22.11	21.99	22.14		
15	75	0		22.13	22.18	22.18		
15	1	0	64-QAM	22.05	21.91	21.84	22.52	0.1786
15	1	37		21.79	21.96	21.80		
15	1	74		22.07	21.94	21.91		
15	36	0		21.02	21.10	21.16		
15	36	20		21.16	21.19	21.06		
15	36	39		21.13	21.20	21.14		
15	75	0		21.06	21.07	21.11		
15	1	0	256-QAM	19.31	19.33	19.26	20.07	0.1016
15	1	37		19.34	19.35	19.16		
15	1	74		19.46	19.38	19.30		
15	36	0		19.47	19.56	19.43		
15	36	20		19.45	19.51	19.52		
15	36	39		19.39	19.49	19.46		
15	75	0		19.62	19.53	19.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.20	24.05	24.22	24.67	0.2931
10	1	25		24.03	24.01	24.15		
10	1	49		24.03	24.13	24.20		
10	25	0		23.22	23.09	23.21		
10	25	12		23.10	23.11	23.20		
10	25	25		23.04	23.08	23.14		
10	50	0		23.12	23.06	23.14		
10	1	0	16-QAM	23.20	23.30	23.28	23.81	0.2404
10	1	25		23.10	23.31	23.26		
10	1	49		23.36	23.33	23.16		
10	25	0		22.17	22.06	22.01		
10	25	12		22.04	22.16	22.02		
10	25	25		22.09	22.10	22.16		
10	50	0		22.21	22.16	22.24		
10	1	0	64-QAM	22.01	21.97	21.95	22.48	0.1770
10	1	25		21.90	21.98	21.85		
10	1	49		21.99	22.03	21.80		
10	25	0		21.04	21.08	21.05		
10	25	12		21.10	21.03	21.15		
10	25	25		21.09	21.11	21.10		
10	50	0		21.07	21.20	21.04		
10	1	0	256-QAM	19.34	19.30	19.28	20.08	0.1019
10	1	25		19.29	19.28	19.16		
10	1	49		19.44	19.34	19.27		
10	25	0		19.55	19.63	19.51		
10	25	12		19.48	19.52	19.51		
10	25	25		19.40	19.44	19.38		
10	50	0		19.48	19.58	19.57		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.15	24.15	24.12	24.61	0.2891
5	1	12		24.08	24.10	24.03		
5	1	24		24.14	24.08	24.16		
5	12	0		23.03	23.15	23.16		
5	12	7		23.16	23.00	23.12		
5	12	13		23.15	23.15	23.22		
5	25	0		23.21	23.14	23.12		
5	1	0	16-QAM	23.21	23.24	23.27	23.78	0.2388
5	1	12		23.13	23.22	23.17		
5	1	24		23.33	23.15	23.30		
5	12	0		22.16	22.15	22.01		
5	12	7		22.03	22.07	22.06		
5	12	13		22.14	22.19	22.16		
5	25	0		22.10	22.05	22.16		
5	1	0	64-QAM	22.01	21.85	21.97	22.50	0.1778
5	1	12		21.86	21.99	21.79		
5	1	24		21.92	22.05	21.82		
5	12	0		21.16	21.20	21.09		
5	12	7		21.12	21.07	21.09		
5	12	13		21.15	21.03	21.17		
5	25	0		21.14	21.08	21.04		
5	1	0	256-QAM	19.33	19.36	19.30	20.12	0.1028
5	1	12		19.21	19.29	19.25		
5	1	24		19.42	19.28	19.24		
5	12	0		19.54	19.54	19.45		
5	12	7		19.40	19.56	19.50		
5	12	13		19.40	19.42	19.45		
5	25	0		19.43	19.67	19.59		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.17	26.15	26.13	26.62	0.4592
20	1	49		26.10	26.10	26.07		
20	1	99		26.12	26.04	26.11		
20	50	0		25.18	25.17	25.15		
20	50	24		25.14	25.12	25.14		
20	50	50		25.14	25.14	25.14		
20	100	0		25.15	25.13	25.13		
20	1	0	16-QAM	25.59	25.44	25.65	26.10	0.4074
20	1	49		25.39	25.24	25.42		
20	1	99		25.45	25.44	25.40		
20	50	0		24.18	24.20	24.19		
20	50	24		24.20	24.21	24.20		
20	50	50		24.22	24.20	24.20		
20	100	0		24.15	24.15	24.15		
20	1	0	64-QAM	24.42	24.45	24.40	24.90	0.3090
20	1	49		24.40	24.44	24.43		
20	1	99		24.37	24.38	24.34		
20	50	0		23.14	23.15	23.17		
20	50	24		23.15	23.14	23.16		
20	50	50		23.16	23.19	23.19		
20	100	0		23.15	23.15	23.15		
20	1	0	256-QAM	21.85	21.84	21.75	22.30	0.1698
20	1	49		21.83	21.83	21.83		
20	1	99		21.72	21.74	21.72		
20	50	0		21.51	21.58	21.60		
20	50	24		21.52	21.53	21.59		
20	50	50		21.53	21.57	21.64		
20	100	0		21.56	21.56	21.60		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.97	26.01	25.96	26.53	0.4498
15	1	37		26.08	26.08	25.88		
15	1	74		25.95	25.96	25.96		
15	36	0		25.10	25.02	25.10		
15	36	20		25.04	24.92	25.01		
15	36	39		25.05	25.09	24.98		
15	75	0		24.95	25.13	25.13		
15	1	0	16-QAM	25.55	25.38	25.51	26.00	0.3981
15	1	37		25.30	25.14	25.33		
15	1	74		25.38	25.35	25.35		
15	36	0		24.08	24.18	24.13		
15	36	20		24.09	24.18	24.12		
15	36	39		24.06	24.07	24.06		
15	75	0		24.11	24.04	23.95		
15	1	0	64-QAM	24.40	24.25	24.20	24.85	0.3055
15	1	37		24.37	24.37	24.37		
15	1	74		24.17	24.21	24.14		
15	36	0		23.01	23.09	23.09		
15	36	20		23.03	23.09	23.09		
15	36	39		23.06	23.04	23.17		
15	75	0		22.99	23.03	22.95		
15	1	0	256-QAM	21.69	21.74	21.67	22.21	0.1663
15	1	37		21.72	21.69	21.76		
15	1	74		21.53	21.59	21.62		
15	36	0		21.40	21.58	21.50		
15	36	20		21.52	21.53	21.39		
15	36	39		21.35	21.47	21.46		
15	75	0		21.45	21.41	21.45		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.01	25.95	26.08	26.55	0.4519
10	1	25		26.05	25.96	25.89		
10	1	49		26.02	25.93	26.10		
10	25	0		25.02	25.16	25.01		
10	25	12		25.03	24.93	25.13		
10	25	25		25.10	25.03	25.14		
10	50	0		24.95	25.10	25.00		
10	1	0	16-QAM	25.58	25.24	25.60	26.05	0.4027
10	1	25		25.34	25.21	25.26		
10	1	49		25.31	25.36	25.26		
10	25	0		24.18	24.12	24.02		
10	25	12		24.01	24.08	24.12		
10	25	25		24.11	24.05	24.03		
10	50	0		24.12	24.14	24.01		
10	1	0	64-QAM	24.39	24.45	24.28	24.90	0.3090
10	1	25		24.27	24.35	24.24		
10	1	49		24.21	24.26	24.21		
10	25	0		22.95	23.03	22.97		
10	25	12		23.08	23.03	23.10		
10	25	25		23.11	23.15	23.02		
10	50	0		23.09	22.99	22.99		
10	1	0	256-QAM	21.69	21.71	21.63	22.25	0.1679
10	1	25		21.80	21.74	21.72		
10	1	49		21.65	21.74	21.64		
10	25	0		21.47	21.58	21.43		
10	25	12		21.34	21.53	21.39		
10	25	25		21.42	21.54	21.62		
10	50	0		21.52	21.37	21.44		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.45 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.01	26.02	26.01	26.49	0.4457
5	1	12		25.97	25.90	25.98		
5	1	24		26.02	26.04	25.98		
5	12	0		25.07	25.15	25.07		
5	12	7		25.05	25.07	25.04		
5	12	13		25.05	24.98	25.12		
5	25	0		25.02	24.98	24.96		
5	1	0	16-QAM	25.47	25.26	25.56	26.01	0.3990
5	1	12		25.24	25.07	25.42		
5	1	24		25.34	25.42	25.40		
5	12	0		24.14	24.11	24.04		
5	12	7		24.04	24.17	24.14		
5	12	13		24.17	24.20	24.12		
5	25	0		24.09	24.04	24.00		
5	1	0	64-QAM	24.42	24.45	24.32	24.90	0.3090
5	1	12		24.31	24.30	24.33		
5	1	24		24.37	24.28	24.15		
5	12	0		23.13	22.95	23.15		
5	12	7		22.97	23.04	23.12		
5	12	13		23.04	23.13	23.07		
5	25	0		22.98	23.13	23.08		
5	1	0	256-QAM	21.65	21.76	21.59	22.27	0.1687
5	1	12		21.64	21.82	21.69		
5	1	24		21.65	21.59	21.72		
5	12	0		21.36	21.47	21.49		
5	12	7		21.51	21.44	21.58		
5	12	13		21.49	21.41	21.61		
5	25	0		21.52	21.47	21.42		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.20	24.28	24.11	25.19	0.3304
20	1	49		24.19	24.23	24.06		
20	1	99		24.19	24.23	24.02		
20	50	0		23.23	23.28	23.04		
20	50	24		23.22	23.26	23.01		
20	50	50		23.20	23.24	23.00		
20	100	0		23.20	23.25	23.02		
20	1	0	16-QAM	22.27	22.36	22.14	23.27	0.2123
20	1	49		22.17	22.22	22.12		
20	1	99		22.20	22.27	22.11		
20	50	0		22.20	22.23	22.03		
20	50	24		22.21	22.22	22.03		
20	50	50		22.20	22.22	22.01		
20	100	0		22.24	22.26	22.09		
20	1	0	64-QAM	22.05	22.02	22.03	22.97	0.1982
20	1	49		22.00	21.96	21.96		
20	1	99		22.02	22.06	21.90		
20	50	0		21.20	21.22	21.08		
20	50	24		21.19	21.25	21.01		
20	50	50		21.18	21.28	21.03		
20	100	0		21.21	21.28	21.07		
20	1	0	256-QAM	19.45	19.46	19.42	20.37	0.1089
20	1	49		19.35	19.38	19.37		
20	1	99		19.40	19.44	19.32		
20	50	0		19.15	19.25	19.04		
20	50	24		19.19	19.23	19.02		
20	50	50		19.19	19.30	19.03		
20	100	0		19.25	19.28	19.08		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.01	24.16	23.92	25.13	0.3258
15	1	37		24.03	24.07	24.01		
15	1	74		24.13	24.22	23.99		
15	36	0		23.17	23.28	22.88		
15	36	20		23.18	23.12	22.83		
15	36	39		23.15	23.08	22.89		
15	75	0		23.13	23.13	23.01		
15	1	0	16-QAM	22.17	22.27	22.13	23.18	0.2080
15	1	37		22.12	22.10	22.11		
15	1	74		22.14	22.13	22.12		
15	36	0		22.01	22.12	21.88		
15	36	20		22.20	22.10	21.98		
15	36	39		22.01	22.11	21.99		
15	75	0		22.13	22.07	21.89		
15	1	0	64-QAM	22.01	21.88	21.86	22.92	0.1959
15	1	37		21.86	21.95	21.88		
15	1	74		21.84	21.95	21.76		
15	36	0		21.19	21.04	20.99		
15	36	20		21.15	21.20	21.01		
15	36	39		21.17	21.23	20.95		
15	75	0		21.08	21.10	21.06		
15	1	0	256-QAM	19.45	19.34	19.38	20.36	0.1086
15	1	37		19.32	19.26	19.23		
15	1	74		19.32	19.39	19.24		
15	36	0		19.10	19.14	19.03		
15	36	20		19.13	19.09	18.85		
15	36	39		19.02	19.16	18.95		
15	75	0		19.05	19.27	18.88		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.10	24.14	24.04	25.05	0.3199
10	1	25		24.07	24.10	24.06		
10	1	49		24.08	24.09	23.85		
10	25	0		23.05	23.27	22.87		
10	25	12		23.16	23.18	22.86		
10	25	25		23.19	23.22	22.92		
10	50	0		23.12	23.22	22.96		
10	1	0	16-QAM	22.11	22.36	22.17	23.27	0.2123
10	1	25		22.16	22.14	22.11		
10	1	49		22.20	22.10	22.12		
10	25	0		22.16	22.05	21.86		
10	25	12		22.21	22.11	21.98		
10	25	25		22.00	22.21	22.01		
10	50	0		22.12	22.25	21.97		
10	1	0	64-QAM	21.98	21.93	21.88	22.89	0.1945
10	1	25		21.93	21.88	21.96		
10	1	49		21.97	21.92	21.88		
10	25	0		21.20	21.20	20.97		
10	25	12		21.06	21.09	20.82		
10	25	25		21.00	21.15	21.03		
10	50	0		21.18	21.24	20.99		
10	1	0	256-QAM	19.32	19.45	19.35	20.36	0.1086
10	1	25		19.32	19.32	19.27		
10	1	49		19.33	19.28	19.13		
10	25	0		19.06	19.06	18.94		
10	25	12		19.04	19.21	18.82		
10	25	25		19.00	19.10	18.87		
10	50	0		19.08	19.11	19.08		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.01	24.27	23.98	25.18	0.3296
5	1	12		24.19	24.18	24.00		
5	1	24		24.03	24.13	23.94		
5	12	0		23.03	23.18	22.87		
5	12	7		23.15	23.07	22.95		
5	12	13		23.17	23.09	22.93		
5	25	0		23.18	23.12	23.00		
5	1	0	16-QAM	22.19	22.25	22.13	23.16	0.2070
5	1	12		22.11	22.14	22.15		
5	1	24		22.10	22.12	22.12		
5	12	0		22.04	22.19	21.93		
5	12	7		22.14	22.04	21.94		
5	12	13		22.02	22.08	21.91		
5	25	0		22.20	22.09	21.89		
5	1	0	64-QAM	22.02	21.89	21.94	22.93	0.1963
5	1	12		21.83	21.86	21.91		
5	1	24		21.85	21.90	21.75		
5	12	0		21.12	21.16	20.98		
5	12	7		21.03	21.09	20.93		
5	12	13		20.98	21.27	21.02		
5	25	0		21.05	21.23	20.96		
5	1	0	256-QAM	19.25	19.38	19.36	20.29	0.1069
5	1	12		19.26	19.27	19.20		
5	1	24		19.35	19.26	19.23		
5	12	0		19.06	19.24	18.90		
5	12	7		19.01	19.23	19.00		
5	12	13		19.10	19.30	18.93		
5	25	0		19.16	19.17	19.02		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.10	26.14	26.02	27.05	0.5070
20	1	49		26.06	26.12	26.01		
20	1	99		26.08	26.07	25.86		
20	50	0		25.18	25.19	24.95		
20	50	24		25.16	25.16	24.94		
20	50	50		25.16	25.16	24.90		
20	100	0		25.16	25.17	24.92		
20	1	0	16-QAM	24.36	24.46	24.53	25.44	0.3499
20	1	49		24.20	24.29	24.13		
20	1	99		24.39	24.50	24.28		
20	50	0		24.18	24.22	24.03		
20	50	24		24.18	24.22	24.02		
20	50	50		24.18	24.23	24.01		
20	100	0		24.15	24.18	23.99		
20	1	0	64-QAM	24.47	24.55	24.46	25.46	0.3516
20	1	49		24.40	24.47	24.52		
20	1	99		24.29	24.39	24.17		
20	50	0		23.12	23.17	23.02		
20	50	24		23.11	23.17	22.97		
20	50	50		23.15	23.20	22.98		
20	100	0		23.15	23.16	22.96		
20	1	0	256-QAM	21.69	21.76	21.75	22.71	0.1866
20	1	49		21.60	21.70	21.80		
20	1	99		21.51	21.59	21.39		
20	50	0		21.33	21.37	21.27		
20	50	24		21.38	21.40	21.26		
20	50	50		21.43	21.48	21.25		
20	100	0		21.44	21.42	21.19		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.03	26.13	25.94	27.04	0.5058
15	1	37		25.88	25.97	25.91		
15	1	74		25.97	25.97	25.81		
15	36	0		25.12	24.99	24.77		
15	36	20		25.10	25.07	24.89		
15	36	39		24.96	25.02	24.86		
15	75	0		25.10	25.07	24.88		
15	1	0	16-QAM	24.33	24.44	24.44	25.35	0.3428
15	1	37		24.06	24.18	24.06		
15	1	74		24.37	24.44	24.22		
15	36	0		24.07	24.19	23.86		
15	36	20		24.01	24.07	23.94		
15	36	39		24.03	24.12	23.93		
15	75	0		24.07	24.03	23.87		
15	1	0	64-QAM	24.47	24.35	24.45	25.38	0.3451
15	1	37		24.38	24.46	24.33		
15	1	74		24.24	24.34	24.01		
15	36	0		22.99	23.09	22.86		
15	36	20		23.10	23.00	22.80		
15	36	39		23.03	23.11	22.96		
15	75	0		23.15	23.02	22.83		
15	1	0	256-QAM	21.63	21.63	21.63	22.65	0.1841
15	1	37		21.51	21.69	21.74		
15	1	74		21.31	21.48	21.35		
15	36	0		21.16	21.24	21.15		
15	36	20		21.29	21.31	21.07		
15	36	39		21.25	21.32	21.12		
15	75	0		21.36	21.38	21.16		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.05	25.97	26.00	26.96	0.4966
10	1	25		25.94	25.98	25.97		
10	1	49		25.98	26.03	25.81		
10	25	0		25.05	25.07	24.87		
10	25	12		24.99	25.10	24.74		
10	25	25		24.99	25.06	24.71		
10	50	0		24.99	25.10	24.77		
10	1	0	16-QAM	24.21	24.30	24.51	25.42	0.3483
10	1	25		24.12	24.11	24.08		
10	1	49		24.36	24.38	24.10		
10	25	0		24.18	24.04	23.95		
10	25	12		23.98	24.19	23.85		
10	25	25		24.16	24.16	23.96		
10	50	0		23.99	24.05	23.96		
10	1	0	64-QAM	24.28	24.36	24.37	25.40	0.3467
10	1	25		24.40	24.39	24.49		
10	1	49		24.27	24.35	24.12		
10	25	0		23.08	22.97	23.01		
10	25	12		22.97	23.04	22.89		
10	25	25		23.08	23.15	22.98		
10	50	0		23.03	23.14	22.95		
10	1	0	256-QAM	21.68	21.67	21.64	22.59	0.1816
10	1	25		21.45	21.53	21.68		
10	1	49		21.38	21.49	21.33		
10	25	0		21.22	21.22	21.19		
10	25	12		21.25	21.22	21.12		
10	25	25		21.33	21.30	21.11		
10	50	0		21.40	21.22	21.04		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.99	26.07	25.84	26.99	0.5000
5	1	12		25.94	26.08	25.96		
5	1	24		26.01	25.95	25.71		
5	12	0		25.08	25.05	24.75		
5	12	7		25.12	25.06	24.76		
5	12	13		25.16	25.07	24.81		
5	25	0		25.10	25.00	24.88		
5	1	0	16-QAM	24.25	24.41	24.46	25.38	0.3451
5	1	12		24.12	24.29	24.06		
5	1	24		24.38	24.47	24.12		
5	12	0		24.10	24.09	23.84		
5	12	7		24.17	24.22	24.02		
5	12	13		24.14	24.10	23.89		
5	25	0		24.10	24.16	23.80		
5	1	0	64-QAM	24.30	24.44	24.43	25.39	0.3459
5	1	12		24.21	24.34	24.48		
5	1	24		24.16	24.23	24.08		
5	12	0		22.96	23.04	22.94		
5	12	7		22.93	23.04	22.82		
5	12	13		23.10	23.13	22.79		
5	25	0		23.07	22.99	22.78		
5	1	0	256-QAM	21.53	21.73	21.74	22.68	0.1854
5	1	12		21.46	21.56	21.77		
5	1	24		21.34	21.58	21.32		
5	12	0		21.24	21.20	21.13		
5	12	7		21.20	21.29	21.15		
5	12	13		21.41	21.46	21.08		
5	25	0		21.32	21.22	21.10		
Limit	EIRP < 2W			Result			Pass	



LTE Band 30 Maximum Average Power [dBm] (GT - LC = -0.27 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	22.49		22.22	0.1667
10	1	25			22.37			
10	1	49			22.44			
10	25	0			21.54			
10	25	12			21.51			
10	25	25			21.50			
10	50	0			21.52			
10	1	0	16-QAM		21.70		21.47	0.1403
10	1	25			21.69			
10	1	49			21.74			
10	25	0			20.54			
10	25	12			20.52			
10	25	25			20.50			
10	50	0			20.52			
10	1	0	64-QAM		20.59		20.35	0.1084
10	1	25			20.61			
10	1	49			20.62			
10	25	0			19.52			
10	25	12			19.49			
10	25	25			19.48			
10	50	0			19.52			
10	1	0	256-QAM		17.90		17.68	0.0586
10	1	25			17.95			
10	1	49			17.90			
10	25	0			17.85			
10	25	12			17.83			
10	25	25			17.83			
10	50	0			17.82			
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 = -0.27 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.38	22.41	22.40	22.17	0.1648
5	1	12		22.28	22.28	22.30		
5	1	24		22.40	22.44	22.42		
5	12	0		21.53	21.44	21.47		
5	12	7		21.45	21.42	21.43		
5	12	13		21.40	21.41	21.41		
5	25	0		21.43	21.48	21.49		
5	1	0	16-QAM	21.68	21.65	21.67	21.46	0.1400
5	1	12		21.68	21.66	21.61		
5	1	24		21.67	21.73	21.70		
5	12	0		20.44	20.49	20.50		
5	12	7		20.44	20.50	20.44		
5	12	13		20.40	20.46	20.45		
5	25	0		20.49	20.48	20.43		
5	1	0	64-QAM	20.55	20.55	20.59	20.34	0.1081
5	1	12		20.53	20.54	20.57		
5	1	24		20.53	20.61	20.61		
5	12	0		19.42	19.46	19.52		
5	12	7		19.46	19.41	19.44		
5	12	13		19.40	19.48	19.47		
5	25	0		19.51	19.43	19.46		
5	1	0	256-QAM	17.90	17.85	17.82	17.63	0.0579
5	1	12		17.86	17.85	17.89		
5	1	24		17.88	17.84	17.90		
5	12	0		17.83	17.76	17.79		
5	12	7		17.83	17.75	17.74		
5	12	13		17.82	17.80	17.83		
5	25	0		17.81	17.79	17.77		
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 = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.66	24.70	24.71	22.48	0.1770
20	1	49		24.55	24.54	24.55		
20	1	99		24.51	24.50	24.47		
20	50	0		23.70	23.69	23.72		
20	50	24		23.65	23.66	23.63		
20	50	50		23.59	23.60	23.58		
20	100	0		23.63	23.61	23.65		
20	1	0	16-QAM	24.00	24.04	24.05	21.82	0.1521
20	1	49		23.84	23.87	23.83		
20	1	99		23.92	23.84	23.80		
20	50	0		22.70	22.70	22.66		
20	50	24		22.65	22.64	22.62		
20	50	50		22.59	22.60	22.55		
20	100	0		22.65	22.65	22.62		
20	1	0	64-QAM	22.90	22.87	22.86	20.67	0.1167
20	1	49		22.75	22.72	22.74		
20	1	99		22.79	22.80	22.68		
20	50	0		21.69	21.69	21.68		
20	50	24		21.66	21.68	21.63		
20	50	50		21.58	21.60	21.58		
20	100	0		21.65	21.67	21.64		
20	1	0	256-QAM	20.24	20.16	20.16	18.01	0.0632
20	1	49		20.01	20.07	20.05		
20	1	99		20.04	20.06	19.94		
20	50	0		19.99	19.99	19.97		
20	50	24		19.91	19.93	19.88		
20	50	50		19.91	19.93	19.90		
20	100	0		19.97	19.95	19.98		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.59	24.67	24.62	22.44	0.1754
15	1	37		24.46	24.48	24.52		
15	1	74		24.49	24.45	24.42		
15	36	0		23.64	23.63	23.65		
15	36	20		23.55	23.65	23.55		
15	36	39		23.51	23.52	23.51		
15	75	0		23.62	23.57	23.64		
15	1	0	16-QAM	23.94	23.96	24.03	21.80	0.1514
15	1	37		23.79	23.77	23.78		
15	1	74		23.90	23.77	23.71		
15	36	0		22.69	22.67	22.58		
15	36	20		22.63	22.60	22.55		
15	36	39		22.58	22.52	22.53		
15	75	0		22.56	22.61	22.53		
15	1	0	64-QAM	22.89	22.80	22.83	20.66	0.1164
15	1	37		22.74	22.65	22.71		
15	1	74		22.77	22.71	22.58		
15	36	0		21.66	21.66	21.68		
15	36	20		21.63	21.61	21.57		
15	36	39		21.58	21.56	21.48		
15	75	0		21.62	21.57	21.60		
15	1	0	256-QAM	20.24	20.15	20.15	18.01	0.0632
15	1	37		19.98	20.00	19.97		
15	1	74		19.95	19.99	19.87		
15	36	0		19.93	19.95	19.89		
15	36	20		19.87	19.83	19.82		
15	36	39		19.86	19.88	19.85		
15	75	0		19.94	19.89	19.88		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.54	24.67	24.61	22.44	0.1754
10	1	25		24.46	24.54	24.53		
10	1	49		24.50	24.47	24.46		
10	25	0		23.61	23.61	23.67		
10	25	12		23.62	23.62	23.56		
10	25	25		23.59	23.53	23.48		
10	50	0		23.63	23.55	23.60		
10	1	0	16-QAM	23.91	24.00	24.03	21.80	0.1514
10	1	25		23.74	23.87	23.81		
10	1	49		23.88	23.78	23.73		
10	25	0		22.63	22.70	22.61		
10	25	12		22.63	22.54	22.61		
10	25	25		22.50	22.50	22.54		
10	50	0		22.62	22.58	22.56		
10	1	0	64-QAM	22.89	22.85	22.83	20.66	0.1164
10	1	25		22.73	22.67	22.71		
10	1	49		22.70	22.72	22.59		
10	25	0		21.68	21.59	21.67		
10	25	12		21.58	21.58	21.60		
10	25	25		21.48	21.58	21.56		
10	50	0		21.65	21.66	21.61		
10	1	0	256-QAM	20.17	20.15	20.10	17.94	0.0622
10	1	25		19.96	20.07	20.02		
10	1	49		19.94	19.99	19.86		
10	25	0		19.90	19.91	19.94		
10	25	12		19.88	19.93	19.87		
10	25	25		19.88	19.89	19.85		
10	50	0		19.94	19.88	19.97		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.59	24.62	24.65	22.42	0.1746
5	1	12		24.50	24.45	24.50		
5	1	24		24.50	24.41	24.47		
5	12	0		23.66	23.66	23.64		
5	12	7		23.60	23.65	23.61		
5	12	13		23.54	23.60	23.50		
5	25	0		23.60	23.51	23.55		
5	1	0	16-QAM	23.97	23.95	23.99	21.76	0.1500
5	1	12		23.74	23.78	23.73		
5	1	24		23.90	23.76	23.77		
5	12	0		22.61	22.63	22.61		
5	12	7		22.64	22.59	22.57		
5	12	13		22.56	22.59	22.45		
5	25	0		22.57	22.61	22.58		
5	1	0	64-QAM	22.86	22.83	22.79	20.63	0.1156
5	1	12		22.75	22.62	22.68		
5	1	24		22.72	22.77	22.63		
5	12	0		21.59	21.63	21.60		
5	12	7		21.64	21.59	21.61		
5	12	13		21.58	21.54	21.53		
5	25	0		21.58	21.57	21.62		
5	1	0	256-QAM	20.16	20.16	20.13	17.93	0.0621
5	1	12		19.95	20.03	19.95		
5	1	24		20.01	19.99	19.91		
5	12	0		19.89	19.99	19.94		
5	12	7		19.87	19.84	19.79		
5	12	13		19.81	19.85	19.81		
5	25	0		19.93	19.92	19.90		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.58	24.60	24.69	22.46	0.1762
3	1	8		24.46	24.52	24.54		
3	1	14		24.43	24.50	24.39		
3	8	0		23.65	23.63	23.65		
3	8	4		23.65	23.59	23.53		
3	8	7		23.54	23.55	23.51		
3	15	0		23.61	23.61	23.65		
3	1	0	16-QAM	23.95	23.94	23.99	21.76	0.1500
3	1	8		23.76	23.82	23.79		
3	1	14		23.84	23.78	23.80		
3	8	0		22.60	22.69	22.57		
3	8	4		22.60	22.63	22.58		
3	8	7		22.51	22.60	22.54		
3	15	0		22.62	22.65	22.55		
3	1	0	64-QAM	22.80	22.86	22.77	20.63	0.1156
3	1	8		22.67	22.66	22.64		
3	1	14		22.70	22.80	22.58		
3	8	0		21.62	21.67	21.64		
3	8	4		21.59	21.66	21.58		
3	8	7		21.57	21.60	21.49		
3	15	0		21.62	21.58	21.60		
3	1	0	256-QAM	20.16	20.10	20.12	17.93	0.0621
3	1	8		19.95	19.98	20.00		
3	1	14		19.99	20.04	19.93		
3	8	0		19.90	19.89	19.96		
3	8	4		19.91	19.86	19.85		
3	8	7		19.85	19.87	19.84		
3	15	0		19.92	19.89	19.98		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.23 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.61	24.59	24.62	22.39	0.1734
1.4	1	3		24.48	24.53	24.46		
1.4	1	5		24.41	24.43	24.42		
1.4	3	0		24.56	24.51	24.55		
1.4	3	1		24.55	24.49	24.52		
1.4	3	3		24.52	24.55	24.57		
1.4	6	0		23.56	23.57	23.63		
1.4	1	0	16-QAM	23.96	23.98	24.03	21.81	0.1517
1.4	1	3		23.84	23.77	23.79		
1.4	1	5		23.82	23.76	23.72		
1.4	3	0		23.92	24.04	23.98		
1.4	3	1		23.74	23.86	23.73		
1.4	3	3		23.91	23.81	23.71		
1.4	6	0		22.58	22.62	22.54		
1.4	1	0	64-QAM	22.89	22.77	22.77	20.66	0.1164
1.4	1	3		22.70	22.68	22.67		
1.4	1	5		22.75	22.77	22.66		
1.4	3	0		22.86	22.85	22.81		
1.4	3	1		22.71	22.68	22.69		
1.4	3	3		22.78	22.75	22.66		
1.4	6	0		21.59	21.58	21.55		
1.4	1	0	256-QAM	20.21	20.09	20.09	17.98	0.0628
1.4	1	3		19.99	19.98	20.02		
1.4	1	5		20.00	20.04	19.88		
1.4	3	0		19.97	19.93	19.89		
1.4	3	1		19.84	19.88	19.81		
1.4	3	3		19.86	19.87	19.87		
1.4	6	0		19.94	19.90	19.96		
Limit	EIRP < 1W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.18	24.15	24.16	15.06	0.0321
20	1	49		24.09	24.04	24.02		
20	1	99		24.07	23.99	23.98		
20	50	0		23.25	23.11	23.12		
20	50	24		23.15	23.09	23.11		
20	50	50		23.09	23.08	23.11		
20	100	0		23.08	23.05	23.07		
20	1	0	16-QAM	23.35	23.39	23.42	14.30	0.0269
20	1	49		23.32	23.35	23.31		
20	1	99		23.34	23.32	23.19		
20	50	0		22.20	22.14	22.12		
20	50	24		22.16	22.12	22.11		
20	50	50		22.12	22.07	22.07		
20	100	0		22.15	22.12	22.10		
20	1	0	64-QAM	22.37	22.40	22.51	13.39	0.0218
20	1	49		22.34	22.37	22.32		
20	1	99		22.39	22.25	22.21		
20	50	0		21.22	21.14	21.16		
20	50	24		21.15	21.14	21.13		
20	50	50		21.12	21.10	21.09		
20	100	0		21.19	21.14	21.13		
20	1	0	256-QAM	19.68	19.71	19.86	10.74	0.0119
20	1	49		19.59	19.72	19.60		
20	1	99		19.69	19.52	19.50		
20	50	0		19.48	19.45	19.51		
20	50	24		19.48	19.49	19.46		
20	50	50		19.42	19.35	19.40		
20	100	0		19.50	19.45	19.46		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.15	24.08	24.07	15.03	0.0318
15	1	37		24.02	23.97	23.92		
15	1	74		23.97	23.90	23.91		
15	36	0		23.21	23.07	23.08		
15	36	20		23.12	23.04	23.05		
15	36	39		23.04	23.07	23.11		
15	75	0		23.03	22.95	23.05		
15	1	0	16-QAM	23.30	23.36	23.34	14.24	0.0265
15	1	37		23.30	23.31	23.22		
15	1	74		23.32	23.25	23.13		
15	36	0		22.15	22.08	22.03		
15	36	20		22.06	22.03	22.01		
15	36	39		22.05	21.99	22.01		
15	75	0		22.15	22.06	22.05		
15	1	0	64-QAM	22.37	22.34	22.49	13.37	0.0217
15	1	37		22.33	22.30	22.28		
15	1	74		22.34	22.15	22.18		
15	36	0		21.18	21.14	21.16		
15	36	20		21.06	21.07	21.06		
15	36	39		21.04	21.01	21.09		
15	75	0		21.16	21.06	21.06		
15	1	0	256-QAM	19.63	19.67	19.84	10.72	0.0118
15	1	37		19.55	19.69	19.50		
15	1	74		19.64	19.45	19.40		
15	36	0		19.44	19.40	19.42		
15	36	20		19.42	19.46	19.40		
15	36	39		19.34	19.32	19.40		
15	75	0		19.44	19.43	19.44		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.09	24.11	24.12	15.00	0.0316
10	1	25		24.05	23.96	23.97		
10	1	49		24.06	23.98	23.98		
10	25	0		23.25	23.06	23.12		
10	25	12		23.10	23.03	23.10		
10	25	25		22.99	23.03	23.04		
10	50	0		23.02	23.01	22.98		
10	1	0	16-QAM	23.29	23.38	23.41	14.29	0.0269
10	1	25		23.24	23.30	23.21		
10	1	49		23.26	23.27	23.19		
10	25	0		22.16	22.05	22.03		
10	25	12		22.06	22.10	22.11		
10	25	25		22.11	22.03	22.01		
10	50	0		22.11	22.08	22.07		
10	1	0	64-QAM	22.34	22.39	22.51	13.39	0.0218
10	1	25		22.30	22.34	22.24		
10	1	49		22.33	22.20	22.21		
10	25	0		21.15	21.06	21.06		
10	25	12		21.12	21.09	21.05		
10	25	25		21.10	21.10	20.99		
10	50	0		21.17	21.11	21.06		
10	1	0	256-QAM	19.60	19.64	19.76	10.64	0.0116
10	1	25		19.58	19.67	19.56		
10	1	49		19.61	19.42	19.47		
10	25	0		19.41	19.39	19.49		
10	25	12		19.45	19.42	19.36		
10	25	25		19.40	19.26	19.32		
10	50	0		19.49	19.42	19.37		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.06	24.08	24.08	14.96	0.0313
5	1	12		24.05	23.98	24.01		
5	1	24		24.05	23.97	23.90		
5	12	0		23.20	23.01	23.11		
5	12	7		23.14	23.03	23.08		
5	12	13		23.03	22.99	23.01		
5	25	0		23.07	23.04	23.01		
5	1	0	16-QAM	23.34	23.32	23.41	14.29	0.0269
5	1	12		23.25	23.27	23.30		
5	1	24		23.34	23.24	23.15		
5	12	0		22.14	22.06	22.06		
5	12	7		22.07	22.05	22.05		
5	12	13		22.06	21.97	21.98		
5	25	0		22.10	22.10	22.00		
5	1	0	64-QAM	22.35	22.32	22.47	13.35	0.0216
5	1	12		22.25	22.28	22.23		
5	1	24		22.39	22.18	22.11		
5	12	0		21.22	21.13	21.10		
5	12	7		21.11	21.14	21.07		
5	12	13		21.05	21.10	20.99		
5	25	0		21.09	21.12	21.10		
5	1	0	256-QAM	19.63	19.71	19.85	10.73	0.0118
5	1	12		19.50	19.62	19.51		
5	1	24		19.69	19.42	19.49		
5	12	0		19.46	19.37	19.46		
5	12	7		19.48	19.42	19.38		
5	12	13		19.35	19.25	19.39		
5	25	0		19.46	19.37	19.36		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.19 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.33	-	18.99	0.0793			
10	1	25			24.18						
10	1	49			24.23						
10	25	0			23.40						
10	25	12			23.33						
10	25	25			23.29						
10	50	0			23.37						
10	1	0	16-QAM		23.57		-	18.31	0.0678		
10	1	25			23.65						
10	1	49			23.56						
10	25	0			22.41						
10	25	12			22.38						
10	25	25			22.33						
10	50	0			22.32						
10	1	0	64-QAM		22.46			-	17.22	0.0527	
10	1	25			22.56						
10	1	49			22.46						
10	25	0			21.40						
10	25	12			21.37						
10	25	25			21.37						
10	50	0			21.37						
10	1	0	256-QAM		19.75				-	14.47	0.0280
10	1	25			19.81						
10	1	49			19.75						
10	25	0			19.65						
10	25	12			19.70						
10	25	25			19.63						
10	50	0			19.72						
Limit	ERP < 3W			Result						Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.19 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.21	24.29	24.22	18.95	0.0785
5	1	12		24.13	24.11	24.18		
5	1	24		24.13	24.20	24.23		
5	12	0		23.30	23.38	23.37		
5	12	7		23.32	23.24	23.32		
5	12	13		23.24	23.23	23.21		
5	25	0		23.29	23.33	23.35		
5	1	0	16-QAM	23.57	23.48	23.49	18.31	0.0678
5	1	12		23.61	23.65	23.62		
5	1	24		23.55	23.55	23.56		
5	12	0		22.38	22.37	22.37		
5	12	7		22.33	22.29	22.32		
5	12	13		22.26	22.30	22.23		
5	25	0		22.27	22.31	22.28		
5	1	0	64-QAM	22.45	22.38	22.36	17.21	0.0526
5	1	12		22.55	22.46	22.48		
5	1	24		22.37	22.40	22.38		
5	12	0		21.38	21.32	21.31		
5	12	7		21.36	21.30	21.35		
5	12	13		21.31	21.31	21.27		
5	25	0		21.27	21.27	21.30		
5	1	0	256-QAM	19.72	19.74	19.73	14.45	0.0279
5	1	12		19.73	19.79	19.75		
5	1	24		19.65	19.70	19.69		
5	12	0		19.60	19.56	19.61		
5	12	7		19.67	19.61	19.67		
5	12	13		19.59	19.55	19.54		
5	25	0		19.72	19.71	19.71		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.38	-	-	18.40	0.0692
15	1	37		24.23	-	-		
15	1	74		24.30	-	-		
15	36	0		23.42	-	-		
15	36	20		23.41	-	-		
15	36	39		23.39	-	-		
15	75	0		23.35	-	-		
15	1	0	16-QAM	23.68	-	-	17.70	0.0589
15	1	37		23.62	-	-		
15	1	74		23.60	-	-		
15	36	0		22.40	-	-		
15	36	20		22.38	-	-		
15	36	39		22.37	-	-		
15	75	0		22.41	-	-		
15	1	0	64-QAM	22.49	-	-	16.64	0.0461
15	1	37		22.62	-	-		
15	1	74		22.49	-	-		
15	36	0		21.41	-	-		
15	36	20		21.41	-	-		
15	36	39		21.38	-	-		
15	75	0		21.41	-	-		
15	1	0	256-QAM	19.79	-	-	13.95	0.0248
15	1	37		19.93	-	-		
15	1	74		19.81	-	-		
15	36	0		19.74	-	-		
15	36	20		19.75	-	-		
15	36	39		19.72	-	-		
15	75	0		19.72	-	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.36	-	18.38	0.0689
10	1	25		-	24.16	-		
10	1	49		-	24.23	-		
10	25	0		-	23.42	-		
10	25	12		-	23.26	-		
10	25	25		-	23.25	-		
10	50	0		-	23.34	-		
10	1	0	16-QAM	-	23.61	-	17.63	0.0579
10	1	25		-	23.50	-		
10	1	49		-	23.39	-		
10	25	0		-	22.36	-		
10	25	12		-	22.31	-		
10	25	25		-	22.27	-		
10	50	0		-	22.32	-		
10	1	0	64-QAM	-	22.53	-	16.55	0.0452
10	1	25		-	22.51	-		
10	1	49		-	22.37	-		
10	25	0		-	21.32	-		
10	25	12		-	21.27	-		
10	25	25		-	21.35	-		
10	50	0		-	21.28	-		
10	1	0	256-QAM	-	19.89	-	13.91	0.0246
10	1	25		-	19.86	-		
10	1	49		-	19.66	-		
10	25	0		-	19.72	-		
10	25	12		-	19.67	-		
10	25	25		-	19.59	-		
10	50	0		-	19.63	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.36	24.39	24.39	18.41	0.0693
5	1	12		24.14	24.11	24.08		
5	1	24		24.20	24.24	24.21		
5	12	0		23.42	23.45	23.45		
5	12	7		23.40	23.49	23.43		
5	12	13		23.37	23.33	23.33		
5	25	0		23.25	23.26	23.34		
5	1	0	16-QAM	23.68	23.58	23.59	17.70	0.0589
5	1	12		23.53	23.53	23.43		
5	1	24		23.55	23.45	23.55		
5	12	0		22.32	22.23	22.39		
5	12	7		22.30	22.26	22.39		
5	12	13		22.28	22.34	22.18		
5	25	0		22.34	22.27	22.44		
5	1	0	64-QAM	22.42	22.32	22.46	16.63	0.0460
5	1	12		22.54	22.61	22.58		
5	1	24		22.47	22.39	22.45		
5	12	0		21.41	21.40	21.39		
5	12	7		21.39	21.30	21.37		
5	12	13		21.34	21.40	21.33		
5	25	0		21.35	21.45	21.40		
5	1	0	256-QAM	19.70	19.60	19.62	13.95	0.0248
5	1	12		19.90	19.93	19.92		
5	1	24		19.77	19.81	19.75		
5	12	0		19.71	19.64	19.71		
5	12	7		19.73	19.78	19.78		
5	12	13		19.65	19.67	19.58		
5	25	0		19.64	19.73	19.63		
Limit	Power < 100W			Result			Pass	



LTE Band 26(Part90S) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.31	24.33	24.34	18.36	0.0685
3	1	8		24.16	24.23	24.18		
3	1	14		24.21	24.12	24.27		
3	8	0		23.36	23.42	23.28		
3	8	4		23.31	23.28	23.28		
3	8	7		23.35	23.39	23.43		
3	15	0		23.31	23.37	23.35		
3	1	0	16-QAM	23.68	23.68	23.63	17.70	0.0589
3	1	8		23.58	23.57	23.53		
3	1	14		23.57	23.47	23.48		
3	8	0		22.37	22.37	22.37		
3	8	4		22.33	22.42	22.27		
3	8	7		22.36	22.39	22.39		
3	15	0		22.39	22.30	22.30		
3	1	0	64-QAM	22.46	22.46	22.55	16.57	0.0454
3	1	8		22.53	22.47	22.54		
3	1	14		22.41	22.31	22.31		
3	8	0		21.41	21.41	21.34		
3	8	4		21.41	21.40	21.50		
3	8	7		21.38	21.40	21.33		
3	15	0		21.39	21.40	21.45		
3	1	0	256-QAM	19.75	19.85	19.67	13.99	0.0251
3	1	8		19.93	19.97	19.86		
3	1	14		19.74	19.84	19.67		
3	8	0		19.69	19.60	19.60		
3	8	4		19.65	19.60	19.66		
3	8	7		19.62	19.55	19.63		
3	15	0		19.69	19.60	19.65		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.29	24.20	24.39	18.41	0.0693
1.4	1	3		24.13	24.20	24.10		
1.4	1	5		24.20	24.28	24.19		
1.4	3	0		24.18	24.20	24.14		
1.4	3	1		24.19	24.26	24.10		
1.4	3	3		24.14	24.14	24.07		
1.4	6	0		23.35	23.25	23.31		
1.4	1	0	16-QAM	23.59	23.69	23.55	17.77	0.0598
1.4	1	3		23.62	23.63	23.59		
1.4	1	5		23.54	23.45	23.46		
1.4	3	0		23.66	23.62	23.75		
1.4	3	1		23.61	23.54	23.65		
1.4	3	3		23.50	23.56	23.60		
1.4	6	0		22.39	22.30	22.29		
1.4	1	0	64-QAM	22.40	22.36	22.38	16.64	0.0461
1.4	1	3		22.58	22.54	22.49		
1.4	1	5		22.46	22.39	22.46		
1.4	3	0		22.41	22.44	22.46		
1.4	3	1		22.62	22.60	22.55		
1.4	3	3		22.49	22.48	22.55		
1.4	6	0		21.37	21.36	21.42		
1.4	1	0	256-QAM	19.74	19.69	19.74	13.95	0.0248
1.4	1	3		19.83	19.85	19.93		
1.4	1	5		19.72	19.78	19.64		
1.4	3	0		19.70	19.66	19.64		
1.4	3	1		19.72	19.77	19.63		
1.4	3	3		19.64	19.66	19.68		
1.4	6	0		19.62	19.54	19.69		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.30	-	18.33	0.0681
15	1	37		-	24.17	-		
15	1	74		-	24.31	-		
15	36	0		-	23.44	-		
15	36	20		-	23.42	-		
15	36	39		-	23.36	-		
15	75	0		-	23.25	-		
15	1	0	16-QAM	-	23.67	-	17.69	0.0587
15	1	37		-	23.57	-		
15	1	74		-	23.60	-		
15	36	0		-	22.35	-		
15	36	20		-	22.38	-		
15	36	39		-	22.29	-		
15	75	0		-	22.36	-		
15	1	0	64-QAM	-	22.42	-	16.69	0.0467
15	1	37		-	22.67	-		
15	1	74		-	22.49	-		
15	36	0		-	21.32	-		
15	36	20		-	21.39	-		
15	36	39		-	21.39	-		
15	75	0		-	21.38	-		
15	1	0	256-QAM	-	19.89	-	13.96	0.0249
15	1	37		-	19.94	-		
15	1	74		-	19.83	-		
15	36	0		-	19.66	-		
15	36	20		-	19.83	-		
15	36	39		-	19.79	-		
15	75	0		-	19.63	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.28	-	18.33	0.0681
10	1	25		-	24.21	-		
10	1	49		-	24.31	-		
10	25	0		-	23.36	-		
10	25	12		-	23.25	-		
10	25	25		-	23.21	-		
10	50	0		-	23.29	-		
10	1	0	16-QAM	-	23.75	-	17.77	0.0598
10	1	25		-	23.63	-		
10	1	49		-	23.54	-		
10	25	0		-	22.37	-		
10	25	12		-	22.29	-		
10	25	25		-	22.36	-		
10	50	0		-	22.30	-		
10	1	0	64-QAM	-	22.39	-	16.64	0.0461
10	1	25		-	22.62	-		
10	1	49		-	22.37	-		
10	25	0		-	21.29	-		
10	25	12		-	21.25	-		
10	25	25		-	21.30	-		
10	50	0		-	21.43	-		
10	1	0	256-QAM	-	19.85	-	13.87	0.0244
10	1	25		-	19.84	-		
10	1	49		-	19.72	-		
10	25	0		-	19.62	-		
10	25	12		-	19.73	-		
10	25	25		-	19.64	-		
10	50	0		-	19.69	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.40	-	18.42	0.0695
5	1	12		-	24.18	-		
5	1	24		-	24.10	-		
5	12	0		-	23.44	-		
5	12	7		-	23.48	-		
5	12	13		-	23.28	-		
5	25	0		-	23.31	-		
5	1	0	16-QAM	-	23.76	-	17.78	0.0600
5	1	12		-	23.48	-		
5	1	24		-	23.61	-		
5	12	0		-	22.25	-		
5	12	7		-	22.32	-		
5	12	13		-	22.21	-		
5	25	0		-	22.43	-		
5	1	0	64-QAM	-	22.46	-	16.48	0.0445
5	1	12		-	22.44	-		
5	1	24		-	22.44	-		
5	12	0		-	21.31	-		
5	12	7		-	21.31	-		
5	12	13		-	21.30	-		
5	25	0		-	21.28	-		
5	1	0	256-QAM	-	19.73	-	14.02	0.0252
5	1	12		-	20.00	-		
5	1	24		-	19.71	-		
5	12	0		-	19.66	-		
5	12	7		-	19.66	-		
5	12	13		-	19.65	-		
5	25	0		-	19.58	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.22	-	18.24	0.0667
3	1	8		-	24.11	-		
3	1	14		-	24.18	-		
3	8	0		-	23.32	-		
3	8	4		-	23.35	-		
3	8	7		-	23.45	-		
3	15	0		-	23.36	-		
3	1	0	16-QAM	-	23.60	-	17.68	0.0586
3	1	8		-	23.66	-		
3	1	14		-	23.51	-		
3	8	0		-	22.46	-		
3	8	4		-	22.28	-		
3	8	7		-	22.43	-		
3	15	0		-	22.35	-		
3	1	0	64-QAM	-	22.50	-	16.64	0.0461
3	1	8		-	22.62	-		
3	1	14		-	22.31	-		
3	8	0		-	21.38	-		
3	8	4		-	21.44	-		
3	8	7		-	21.35	-		
3	15	0		-	21.42	-		
3	1	0	256-QAM	-	19.84	-	14.01	0.0252
3	1	8		-	19.99	-		
3	1	14		-	19.65	-		
3	8	0		-	19.60	-		
3	8	4		-	19.59	-		
3	8	7		-	19.70	-		
3	15	0		-	19.63	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -3.83 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.19	-	18.23	0.0665
1.4	1	3		-	24.14	-		
1.4	1	5		-	24.21	-		
1.4	3	0		-	24.14	-		
1.4	3	1		-	24.16	-		
1.4	3	3		-	24.14	-		
1.4	6	0		-	23.29	-		
1.4	1	0	16-QAM	-	23.66	-	17.68	0.0586
1.4	1	3		-	23.66	-		
1.4	1	5		-	23.49	-		
1.4	3	0		-	23.58	-		
1.4	3	1		-	23.58	-		
1.4	3	3		-	23.48	-		
1.4	6	0		-	22.45	-		
1.4	1	0	64-QAM	-	22.35	-	16.57	0.0454
1.4	1	3		-	22.54	-		
1.4	1	5		-	22.38	-		
1.4	3	0		-	22.49	-		
1.4	3	1		-	22.55	-		
1.4	3	3		-	22.47	-		
1.4	6	0		-	21.44	-		
1.4	1	0	256-QAM	-	19.78	-	13.82	0.0241
1.4	1	3		-	19.76	-		
1.4	1	5		-	19.79	-		
1.4	3	0		-	19.72	-		
1.4	3	1		-	19.80	-		
1.4	3	3		-	19.65	-		
1.4	6	0		-	19.60	-		
Limit	Reporting only			Result			N/A	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.83 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.52	22.50	22.52	18.22	0.0664
10+10	1	0	1	49		16.18	16.15	16.26		
10+10	1	49	1	0		24.20	23.74	24.09		
10+10	50	0	50	0	16-QAM	21.43	21.43	21.43	17.51	0.0564
10+10	1	0	1	49		16.54	16.50	16.70		
10+10	1	49	1	0		23.34	23.49	23.33		
10+10	50	0	50	0	64-QAM	21.40	21.41	21.35	15.44	0.0350
10+10	1	0	1	49		16.51	16.50	16.43		
10+10	1	49	1	0		21.42	21.38	21.39		
10+10	50	0	50	0	256-QAM	19.37	19.38	19.37	13.40	0.0219
10+10	1	0	1	49		16.49	16.41	16.43		
10+10	1	49	1	0		19.36	19.33	19.22		
10+5	50	0	25	0	QPSK	22.34	22.35	22.38	18.10	0.0646
10+5	1	0	1	24		14.24	14.24	14.33		
10+5	1	49	1	0		22.91	24.08	23.33		
10+5	50	0	25	0	16-QAM	21.27	21.38	21.36	17.48	0.0560
10+5	1	0	1	24		14.52	14.48	14.52		
10+5	1	49	1	0		23.46	23.32	23.40		
10+5	50	0	25	0	64-QAM	21.31	21.37	21.35	15.39	0.0346
10+5	1	0	1	24		14.43	14.49	14.51		
10+5	1	49	1	0		21.35	21.32	21.35		
10+5	50	0	25	0	256-QAM	19.29	19.30	19.29	13.36	0.0217
10+5	1	0	1	24		14.34	14.40	14.56		
10+5	1	49	1	0		19.27	19.34	19.32		
5+10	25	0	50	0	QPSK	22.28	22.40	22.39	17.87	0.0612
5+10	1	0	1	49		14.25	14.33	14.31		
5+10	1	24	1	0		23.59	23.85	23.67		
5+10	25	0	50	0	16-QAM	21.28	21.38	21.35	17.50	0.0562
5+10	1	0	1	49		14.50	14.68	14.62		
5+10	1	24	1	0		23.40	23.48	23.43		
5+10	25	0	50	0	64-QAM	21.27	21.35	21.39	15.41	0.0348
5+10	1	0	1	49		14.45	14.62	14.65		
5+10	1	24	1	0		21.18	21.31	21.30		
5+10	25	0	50	0	256-QAM	19.25	19.29	19.31	13.33	0.0215
5+10	1	0	1	49		14.40	14.55	14.46		
5+10	1	24	1	0		19.30	19.26	19.29		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.83 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.82	24.13	24.27	18.29	0.0675
5+3	1	0	1	14		14.63	14.77	14.82		
5+3	1	24	1	0		23.85	23.91	24.20		
5+3	25	0	15	0	16-QAM	24.09	23.35	23.84	18.49	0.0706
5+3	1	0	1	14		14.97	15.06	15.17		
5+3	1	24	1	0		23.96	24.47	24.34		
5+3	25	0	15	0	64-QAM	24.12	23.23	24.13	18.23	0.0665
5+3	1	0	1	14		14.94	14.96	15.20		
5+3	1	24	1	0		23.31	24.21	23.82		
5+3	25	0	15	0	256-QAM	24.14	23.46	24.23	18.25	0.0668
5+3	1	0	1	14		14.86	14.84	15.00		
5+3	1	24	1	0		23.06	23.71	23.25		
3+5	15	0	25	0	QPSK	23.02	24.26	23.80	18.28	0.0673
3+5	1	0	1	24		14.54	14.66	14.82		
3+5	1	14	1	0		23.62	24.20	24.16		
3+5	15	0	25	0	16-QAM	23.74	23.57	24.21	18.33	0.0681
3+5	1	0	1	24		14.86	14.94	15.08		
3+5	1	14	1	0		24.31	23.12	23.99		
3+5	15	0	25	0	64-QAM	23.64	23.72	23.84	18.33	0.0681
3+5	1	0	1	24		14.81	14.87	15.12		
3+5	1	14	1	0		24.31	24.23	24.29		
3+5	15	0	25	0	256-QAM	23.64	24.18	23.81	18.30	0.0676
3+5	1	0	1	24		14.81	14.90	14.75		
3+5	1	14	1	0		24.28	24.23	24.23		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -2.23 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.29	22.14	22.31	21.95	0.1567
10+10	1	0	1	49		15.29	15.65	15.82		
10+10	1	49	1	0		24.04	23.56	24.18		
10+10	50	0	50	0	16-QAM	21.23	21.12	21.35	21.16	0.1306
10+10	1	0	1	49		15.60	15.92	16.19		
10+10	1	49	1	0		23.39	23.31	23.35		
10+10	50	0	50	0	64-QAM	21.21	21.10	21.25	19.19	0.0830
10+10	1	0	1	49		15.52	15.93	16.00		
10+10	1	49	1	0		21.38	21.34	21.42		
10+10	50	0	50	0	256-QAM	19.18	19.12	19.28	17.25	0.0531
10+10	1	0	1	49		16.04	15.56	16.31		
10+10	1	49	1	0		19.44	19.37	19.48		
15+5	75	0	25	0	QPSK	21.97	22.18	22.26	21.84	0.1528
15+5	1	0	1	24		15.44	15.80	15.92		
15+5	1	74	1	0		24.05	23.28	24.07		
15+5	75	0	25	0	16-QAM	20.93	21.15	21.19	21.19	0.1315
15+5	1	0	1	24		15.61	16.12	16.24		
15+5	1	74	1	0		23.26	23.42	23.38		
15+5	75	0	25	0	64-QAM	20.88	21.10	21.20	19.16	0.0824
15+5	1	0	1	24		15.65	16.00	16.21		
15+5	1	74	1	0		21.27	21.33	21.39		
15+5	75	0	25	0	256-QAM	18.91	19.10	19.21	17.17	0.0521
15+5	1	0	1	24		15.54	16.01	16.14		
15+5	1	74	1	0		19.25	19.40	19.34		
5+15	25	0	75	0	QPSK	21.89	22.07	22.13	21.91	0.1552
5+15	1	0	1	74		15.34	15.63	15.77		
5+15	1	24	1	0		24.04	24.14	22.97		
5+15	25	0	75	0	16-QAM	20.89	21.05	21.12	21.24	0.1330
5+15	1	0	1	74		15.57	15.87	15.99		
5+15	1	24	1	0		23.34	23.41	23.47		
5+15	25	0	75	0	64-QAM	20.87	21.04	21.12	19.09	0.0811
5+15	1	0	1	74		15.52	15.82	15.86		
5+15	1	24	1	0		21.32	21.30	21.27		
5+15	25	0	75	0	256-QAM	18.85	19.03	19.08	17.09	0.0512
5+15	1	0	1	74		15.41	15.89	15.90		
5+15	1	24	1	0		19.32	19.32	19.24		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -2.23 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	22.22	22.17	22.24	21.34	0.1361
10+5	1	0	1	24		13.59	13.90	14.16		
10+5	1	49	1	0		23.23	23.57	23.57		
10+5	50	0	25	0	16-QAM	21.17	21.16	21.26	21.29	0.1346
10+5	1	0	1	24		13.76	14.19	14.40		
10+5	1	49	1	0		23.52	23.43	23.37		
10+5	50	0	25	0	64-QAM	21.19	21.13	21.28	19.25	0.0841
10+5	1	0	1	24		13.80	14.18	14.37		
10+5	1	49	1	0		21.40	21.48	21.47		
10+5	50	0	25	0	256-QAM	19.20	19.09	19.26	17.22	0.0527
10+5	1	0	1	24		13.78	14.17	14.37		
10+5	1	49	1	0		19.40	19.40	19.45		
5+10	25	0	50	0	QPSK	22.10	22.06	22.25	21.86	0.1535
5+10	1	0	1	49		13.71	14.03	14.27		
5+10	1	24	1	0		24.09	23.50	23.67		
5+10	25	0	50	0	16-QAM	21.14	21.05	21.23	21.15	0.1303
5+10	1	0	1	49		14.00	14.41	14.52		
5+10	1	24	1	0		23.34	23.37	23.38		
5+10	25	0	50	0	64-QAM	21.11	21.05	21.24	19.15	0.0822
5+10	1	0	1	49		13.90	14.21	14.46		
5+10	1	24	1	0		21.32	21.25	21.38		
5+10	25	0	50	0	256-QAM	19.13	19.04	19.22	17.14	0.0518
5+10	1	0	1	49		13.94	14.26	14.45		
5+10	1	24	1	0		19.34	19.27	19.37		
5+5	25	0	25	0	QPSK	22.19	22.14	22.28	21.91	0.1552
5+5	1	0	1	24		13.92	14.09	14.25		
5+5	1	24	1	0		23.97	24.08	24.14		
5+5	25	0	25	0	16-QAM	21.19	21.13	21.27	21.25	0.1334
5+5	1	0	1	24		14.08	14.29	14.53		
5+5	1	24	1	0		23.41	23.25	23.48		
5+5	25	0	25	0	64-QAM	21.14	21.11	21.23	19.20	0.0832
5+5	1	0	1	24		14.16	14.27	14.42		
5+5	1	24	1	0		21.43	21.34	21.42		
5+5	25	0	25	0	256-QAM	19.12	19.08	19.25	17.20	0.0525
5+5	1	0	1	24		14.14	14.29	14.44		
5+5	1	24	1	0		19.32	19.35	19.43		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.23 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.16	22.08	22.12	21.57	0.1435
20+20	1	0	1	99		15.54	15.78	15.76		
20+20	1	99	1	0		23.80	23.79	23.06		
20+20	100	0	100	0	16-QAM	21.10	21.03	21.07	21.30	0.1349
20+20	1	0	1	99		15.84	16.15	15.98		
20+20	1	99	1	0		23.53	23.32	23.34		
20+20	100	0	100	0	64-QAM	21.06	21.04	21.05	19.22	0.0836
20+20	1	0	1	99		15.73	15.90	16.01		
20+20	1	99	1	0		21.34	21.36	21.45		
20+20	100	0	100	0	256-QAM	19.02	19.01	19.10	17.17	0.0521
20+20	1	0	1	99		15.66	15.89	15.97		
20+20	1	99	1	0		19.40	19.32	19.39		
20+15	100	0	75	0	QPSK	22.10	22.13	22.14	21.10	0.1288
20+15	1	0	1	74		15.58	15.86	15.76		
20+15	1	74	1	0		23.11	23.33	22.99		
20+15	100	0	75	0	16-QAM	21.05	21.07	21.08	21.31	0.1352
20+15	1	0	1	74		15.77	16.24	15.96		
20+15	1	74	1	0		23.42	23.54	23.44		
20+15	100	0	75	0	64-QAM	21.04	21.05	21.09	19.16	0.0824
20+15	1	0	1	74		15.80	16.06	15.99		
20+15	1	74	1	0		21.36	21.39	21.39		
20+15	100	0	75	0	256-QAM	19.03	19.09	19.11	17.16	0.0520
20+15	1	0	1	74		15.75	16.03	15.93		
20+15	1	74	1	0		19.34	19.39	19.36		
15+20	75	0	100	0	QPSK	22.01	22.17	22.12	22.00	0.1585
15+20	1	0	1	99		15.52	15.67	15.66		
15+20	1	74	1	0		24.23	23.67	23.82		
15+20	75	0	100	0	16-QAM	21.03	21.01	21.08	21.25	0.1334
15+20	1	0	1	99		15.89	15.97	15.99		
15+20	1	74	1	0		23.48	23.37	23.35		
15+20	75	0	100	0	64-QAM	21.00	21.01	21.06	19.21	0.0834
15+20	1	0	1	99		15.76	15.91	15.84		
15+20	1	74	1	0		21.42	21.30	21.44		
15+20	75	0	100	0	256-QAM	18.89	19.04	19.07	17.18	0.0522
15+20	1	0	1	99		15.55	15.92	15.94		
15+20	1	74	1	0		19.27	19.33	19.41		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.23 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.27	22.28	22.38	22.03	0.1596
20+10	1	0	1	49		15.73	16.04	16.03		
20+10	1	99	1	0		23.54	24.26	23.23		
20+10	100	0	50	0	16-QAM	21.25	21.26	21.35	21.42	0.1387
20+10	1	0	1	49		15.99	16.44	16.31		
20+10	1	99	1	0		23.63	23.54	23.65		
20+10	100	0	50	0	64-QAM	21.19	21.27	21.38	19.41	0.0873
20+10	1	0	1	49		15.99	16.27	16.28		
20+10	1	99	1	0		21.49	21.58	21.64		
20+10	100	0	50	0	256-QAM	19.00	19.09	19.24	17.20	0.0525
20+10	1	0	1	49		15.79	16.12	16.08		
20+10	1	99	1	0		19.36	19.42	19.43		
10+20	50	0	100	0	QPSK	21.86	22.22	22.26	21.65	0.1462
10+20	1	0	1	99		15.29	15.82	15.82		
10+20	1	49	1	0		23.20	23.87	23.88		
10+20	50	0	100	0	16-QAM	20.81	21.21	21.24	21.34	0.1361
10+20	1	0	1	99		15.52	16.09	16.18		
10+20	1	49	1	0		23.17	23.53	23.57		
10+20	50	0	100	0	64-QAM	20.79	21.22	21.24	19.31	0.0853
10+20	1	0	1	99		15.57	16.04	15.97		
10+20	1	49	1	0		21.19	21.54	21.53		
10+20	50	0	100	0	256-QAM	18.66	19.05	19.09	17.21	0.0526
10+20	1	0	1	99		15.40	15.82	15.84		
10+20	1	49	1	0		19.08	19.44	19.39		
20+5	100	0	25	0	QPSK	22.13	22.17	22.30	22.00	0.1585
20+5	1	0	1	24		15.56	15.86	15.97		
20+5	1	99	1	0		23.69	23.79	24.23		
20+5	100	0	25	0	16-QAM	21.04	21.10	21.28	21.27	0.1340
20+5	1	0	1	24		15.80	16.08	16.24		
20+5	1	99	1	0		23.41	23.50	23.39		
20+5	100	0	25	0	64-QAM	21.06	21.10	21.23	19.25	0.0841
20+5	1	0	1	24		15.77	16.11	16.23		
20+5	1	99	1	0		21.39	21.37	21.48		
20+5	100	0	25	0	256-QAM	19.01	19.12	19.24	17.22	0.0527
20+5	1	0	1	24		15.76	16.04	16.18		
20+5	1	99	1	0		19.25	19.39	19.45		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.23 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.79	22.07	22.15	21.96	0.1570
5+20	1	0	1	99		15.17	15.59	15.67		
5+20	1	24	1	0		24.01	24.12	24.19		
5+20	25	0	100	0	16-QAM	20.77	21.02	21.12	21.20	0.1318
5+20	1	0	1	99		15.50	15.82	15.95		
5+20	1	24	1	0		22.77	23.31	23.43		
5+20	25	0	100	0	64-QAM	20.76	21.04	21.15	19.12	0.0817
5+20	1	0	1	99		15.33	15.79	15.89		
5+20	1	24	1	0		21.27	21.33	21.35		
5+20	25	0	100	0	256-QAM	18.74	19.06	19.09	17.16	0.0520
5+20	1	0	1	99		15.33	15.77	15.85		
5+20	1	24	1	0		19.14	19.24	19.39		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.23 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	22.08	22.22	22.39	22.03	0.1596
15+10	1	0	1	49		15.57	15.91	15.98		
15+10	1	74	1	0		23.17	24.26	23.17		
15+10	75	0	50	0	16-QAM	21.05	21.20	21.32	21.40	0.1380
15+10	1	0	1	49		15.86	16.18	16.31		
15+10	1	74	1	0		23.39	23.63	23.53		
15+10	75	0	50	0	64-QAM	21.05	21.22	21.31	19.40	0.0871
15+10	1	0	1	49		15.73	16.14	16.18		
15+10	1	74	1	0		21.35	21.51	21.63		
15+10	75	0	50	0	256-QAM	18.87	19.09	19.18	17.20	0.0525
15+10	1	0	1	49		15.57	15.98	16.08		
15+10	1	74	1	0		19.28	19.35	19.43		
10+15	50	0	75	0	QPSK	22.09	22.14	22.25	22.00	0.1585
10+15	1	0	1	74		15.55	15.84	15.83		
10+15	1	49	1	0		24.21	24.23	23.75		
10+15	50	0	75	0	16-QAM	21.05	21.17	21.18	21.40	0.1380
10+15	1	0	1	74		15.78	16.04	16.15		
10+15	1	49	1	0		23.63	23.59	23.44		
10+15	50	0	75	0	64-QAM	21.04	21.18	21.23	19.27	0.0845
10+15	1	0	1	74		15.77	16.06	16.10		
10+15	1	49	1	0		21.49	21.49	21.50		
10+15	50	0	75	0	256-QAM	18.89	19.02	19.10	17.12	0.0515
10+15	1	0	1	74		15.54	15.87	15.90		
10+15	1	49	1	0		19.31	19.30	19.35		
15+15	75	0	75	0	QPSK	22.02	22.25	22.22	21.98	0.1578
15+15	1	0	1	74		15.56	15.92	15.83		
15+15	1	74	1	0		24.21	23.80	24.02		
15+15	75	0	75	0	16-QAM	21.03	21.17	21.16	21.48	0.1406
15+15	1	0	1	74		15.86	16.30	16.06		
15+15	1	74	1	0		23.41	23.58	23.71		
15+15	75	0	75	0	64-QAM	21.00	21.19	21.19	19.33	0.0857
15+15	1	0	1	74		15.79	16.18	16.08		
15+15	1	74	1	0		21.47	21.48	21.56		
15+15	75	0	75	0	256-QAM	18.82	19.07	19.10	17.17	0.0521
15+15	1	0	1	74		15.60	15.90	15.93		
15+15	1	74	1	0		19.33	19.39	19.40		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.82	20.66	20.65	21.73	0.1489
20+20	1	0	1	99		13.41	13.43	13.82		
20+20	1	99	1	0		13.63	13.83	13.65		
20+20	100	0	100	0	16-QAM	19.63	19.75	19.57	20.66	0.1164
20+20	1	0	1	99		12.75	12.93	13.25		
20+20	1	99	1	0		13.09	13.23	13.17		
20+20	100	0	100	0	64-QAM	20.14	20.23	20.15	21.14	0.1300
20+20	1	0	1	99		9.87	10.11	10.36		
20+20	1	99	1	0		10.18	10.22	10.16		
20+20	100	0	100	0	256-QAM	19.39	19.33	19.24	20.30	0.1072
20+20	1	0	1	99		7.22	7.61	7.69		
20+20	1	99	1	0		7.56	7.88	7.45		
20+15	100	0	75	0	QPSK	20.72	20.83	20.55	21.74	0.1493
20+15	1	0	1	74		13.50	13.53	13.85		
20+15	1	99	1	0		13.57	13.81	13.57		
20+15	100	0	75	0	16-QAM	19.61	19.66	19.42	20.57	0.1140
20+15	1	0	1	74		12.84	12.94	13.19		
20+15	1	99	1	0		13.08	13.28	13.16		
20+15	100	0	75	0	64-QAM	20.08	20.23	20.15	21.14	0.1300
20+15	1	0	1	74		9.98	10.09	10.32		
20+15	1	99	1	0		10.27	10.17	10.28		
20+15	100	0	75	0	256-QAM	19.39	19.42	19.27	20.33	0.1079
20+15	1	0	1	74		7.19	7.19	7.53		
20+15	1	99	1	0		7.54	7.39	7.49		
15+20	75	0	100	0	QPSK	20.70	20.59	20.60	21.61	0.1449
15+20	1	0	1	99		13.37	13.35	13.75		
15+20	1	74	1	0		13.57	13.75	13.66		
15+20	75	0	100	0	16-QAM	19.65	19.57	19.63	20.56	0.1138
15+20	1	0	1	99		12.73	12.87	13.24		
15+20	1	74	1	0		13.13	13.19	13.23		
15+20	75	0	100	0	64-QAM	20.15	20.07	20.20	21.11	0.1291
15+20	1	0	1	99		9.79	10.00	10.39		
15+20	1	74	1	0		10.22	10.08	10.26		
15+20	75	0	100	0	256-QAM	19.43	19.30	19.25	20.34	0.1081
15+20	1	0	1	99		7.17	7.76	7.49		
15+20	1	74	1	0		7.16	7.99	7.30		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.76	20.77	20.62	21.68	0.1472
20+10	1	0	1	49		13.50	13.58	14.01		
20+10	1	99	1	0		13.62	13.81	13.83		
20+10	100	0	50	0	16-QAM	19.62	19.75	19.70	20.66	0.1164
20+10	1	0	1	49		12.94	13.01	13.40		
20+10	1	99	1	0		13.11	13.12	13.41		
20+10	100	0	50	0	64-QAM	20.15	20.26	20.37	21.28	0.1343
20+10	1	0	1	49		10.01	10.13	10.56		
20+10	1	99	1	0		10.24	10.18	10.38		
20+10	100	0	50	0	256-QAM	19.30	19.48	19.39	20.39	0.1094
20+10	1	0	1	49		7.21	7.39	7.44		
20+10	1	99	1	0		7.49	7.28	7.74		
10+20	50	0	100	0	QPSK	19.71	20.62	20.63	21.54	0.1426
10+20	1	0	1	99		13.33	13.45	13.99		
10+20	1	49	1	0		13.53	13.81	13.90		
10+20	50	0	100	0	16-QAM	19.60	19.68	19.65	20.59	0.1146
10+20	1	0	1	99		12.71	12.92	13.21		
10+20	1	49	1	0		12.88	13.14	13.22		
10+20	50	0	100	0	64-QAM	20.09	20.20	20.30	21.21	0.1321
10+20	1	0	1	99		9.69	10.03	10.35		
10+20	1	49	1	0		10.15	10.23	10.20		
10+20	50	0	100	0	256-QAM	19.23	19.41	19.30	20.32	0.1076
10+20	1	0	1	99		7.15	7.25	7.39		
10+20	1	49	1	0		6.66	7.37	7.38		
15+15	75	0	75	0	QPSK	20.75	20.63	20.51	21.66	0.1466
15+15	1	0	1	74		13.48	13.48	13.76		
15+15	1	74	1	0		13.57	13.75	13.57		
15+15	75	0	75	0	16-QAM	19.55	19.66	19.44	20.57	0.1140
15+15	1	0	1	74		12.86	13.02	13.23		
15+15	1	74	1	0		13.02	13.13	13.13		
15+15	75	0	75	0	64-QAM	20.09	20.20	20.17	21.11	0.1291
15+15	1	0	1	74		9.84	9.91	10.34		
15+15	1	74	1	0		10.30	10.20	10.38		
15+15	75	0	75	0	256-QAM	19.31	19.37	19.25	20.28	0.1067
15+15	1	0	1	74		7.26	7.83	7.18		
15+15	1	74	1	0		7.15	7.92	7.31		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	20.89	20.77	20.64	21.80	0.1514
15+10	1	0	1	49		13.55	13.76	13.91		
15+10	1	74	1	0		13.66	13.87	13.68		
15+10	75	0	50	0	16-QAM	19.51	19.84	19.58	20.75	0.1189
15+10	1	0	1	49		13.00	13.26	13.35		
15+10	1	74	1	0		13.11	13.26	13.09		
15+10	75	0	50	0	64-QAM	20.14	20.32	20.29	21.23	0.1327
15+10	1	0	1	49		10.05	10.12	10.48		
15+10	1	74	1	0		10.24	10.23	10.25		
15+10	75	0	50	0	256-QAM	19.33	19.36	19.32	20.27	0.1064
15+10	1	0	1	49		7.09	8.02	7.32		
15+10	1	74	1	0		7.07	7.91	7.87		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 0.45 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.52	21.56	21.56	22.01	0.1589
20+20	1	0	1	99		13.54	13.55	13.57		
20+20	1	99	1	0		13.49	13.48	13.48		
20+20	100	0	100	0	16-QAM	20.63	20.62	20.62	21.08	0.1282
20+20	1	0	1	99		14.01	14.04	13.80		
20+20	1	99	1	0		13.94	13.94	13.92		
20+20	100	0	100	0	64-QAM	20.62	20.62	20.62	21.07	0.1279
20+20	1	0	1	99		11.87	12.06	11.72		
20+20	1	99	1	0		11.74	11.99	11.53		
20+20	100	0	100	0	256-QAM	18.57	18.61	18.62	19.07	0.0807
20+20	1	0	1	99		8.77	8.74	8.78		
20+20	1	99	1	0		8.80	8.68	8.68		
15+15	75	0	75	0	QPSK	21.54	21.57	21.57	22.02	0.1592
15+15	1	0	1	74		13.50	13.53	13.53		
15+15	1	74	1	0		13.45	13.47	13.46		
15+15	75	0	75	0	16-QAM	20.57	20.59	20.58	21.04	0.1271
15+15	1	0	1	74		13.94	14.14	14.12		
15+15	1	74	1	0		14.02	13.94	14.05		
15+15	75	0	75	0	64-QAM	20.56	20.60	20.54	21.05	0.1274
15+15	1	0	1	74		11.96	11.82	11.75		
15+15	1	74	1	0		11.91	11.92	11.67		
15+15	75	0	75	0	256-QAM	18.57	18.61	18.58	19.06	0.0805
15+15	1	0	1	74		8.72	8.78	8.57		
15+15	1	74	1	0		8.68	8.57	8.70		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.44	20.44	20.34	21.35	0.1365
20+20	1	0	1	99		14.38	14.42	14.34		
20+20	1	99	1	0		14.38	14.37	14.27		
20+20	100	0	100	0	16-QAM	20.49	20.49	20.40	21.40	0.1380
20+20	1	0	1	99		14.91	14.92	15.04		
20+20	1	99	1	0		14.88	14.84	14.93		
20+20	100	0	100	0	64-QAM	20.49	20.46	20.35	21.40	0.1380
20+20	1	0	1	99		12.82	12.64	12.54		
20+20	1	99	1	0		12.80	12.55	12.59		
20+20	100	0	100	0	256-QAM	18.49	18.49	18.40	19.40	0.0871
20+20	1	0	1	99		8.47	8.44	8.67		
20+20	1	99	1	0		8.32	8.59	8.55		
20+15	100	0	75	0	QPSK	20.51	20.55	20.39	21.46	0.1400
20+15	1	0	1	74		14.49	14.53	14.38		
20+15	1	99	1	0		14.43	14.43	14.31		
20+15	100	0	75	0	16-QAM	20.54	20.57	20.42	21.48	0.1406
20+15	1	0	1	74		15.09	15.15	15.06		
20+15	1	99	1	0		15.02	15.04	15.10		
20+15	100	0	75	0	64-QAM	20.51	20.53	20.44	21.44	0.1393
20+15	1	0	1	74		12.88	12.83	12.77		
20+15	1	99	1	0		12.86	12.69	12.75		
20+15	100	0	75	0	256-QAM	18.53	18.55	18.42	19.46	0.0883
20+15	1	0	1	74		8.59	8.76	8.55		
20+15	1	99	1	0		8.73	8.73	8.52		
15+20	75	0	100	0	QPSK	20.54	20.53	20.39	21.45	0.1396
15+20	1	0	1	99		14.50	14.48	14.37		
15+20	1	74	1	0		14.47	14.46	14.32		
15+20	75	0	100	0	16-QAM	20.57	20.55	20.41	21.48	0.1406
15+20	1	0	1	99		15.07	14.94	15.01		
15+20	1	74	1	0		15.15	14.90	15.01		
15+20	75	0	100	0	64-QAM	20.56	20.54	20.42	21.47	0.1403
15+20	1	0	1	99		12.91	12.82	12.65		
15+20	1	74	1	0		12.85	12.85	12.58		
15+20	75	0	100	0	256-QAM	18.59	18.57	18.43	19.50	0.0891
15+20	1	0	1	99		8.64	8.82	8.47		
15+20	1	74	1	0		8.81	8.43	8.40		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	20.48	20.53	20.40	21.44	0.1393
20+10	1	0	1	49		14.51	14.55	14.46		
20+10	1	99	1	0		14.43	14.45	14.35		
20+10	100	0	50	0	16-QAM	20.58	20.62	20.50	21.53	0.1422
20+10	1	0	1	49		15.01	15.07	15.12		
20+10	1	99	1	0		15.00	14.91	15.01		
20+10	100	0	50	0	64-QAM	20.56	20.58	20.47	21.49	0.1409
20+10	1	0	1	49		12.84	12.85	12.77		
20+10	1	99	1	0		12.79	12.69	12.64		
20+10	100	0	50	0	256-QAM	18.59	18.63	18.52	19.54	0.0899
20+10	1	0	1	49		8.65	8.91	8.82		
20+10	1	99	1	0		8.41	8.76	8.58		
10+20	50	0	100	0	QPSK	20.45	20.49	20.40	21.40	0.1380
10+20	1	0	1	99		14.41	14.46	14.34		
10+20	1	49	1	0		14.37	14.41	14.29		
10+20	50	0	100	0	16-QAM	20.51	20.55	20.41	21.46	0.1400
10+20	1	0	1	99		15.04	14.98	14.98		
10+20	1	49	1	0		14.86	15.07	14.98		
10+20	50	0	100	0	64-QAM	20.54	20.56	20.41	21.47	0.1403
10+20	1	0	1	99		12.72	13.10	12.62		
10+20	1	49	1	0		12.77	12.77	12.70		
10+20	50	0	100	0	256-QAM	18.59	18.59	18.46	19.50	0.0891
10+20	1	0	1	99		8.59	8.66	8.67		
10+20	1	49	1	0		8.60	8.40	8.69		
20+5	100	0	25	0	QPSK	20.54	20.55	20.40	21.46	0.1400
20+5	1	0	1	24		14.51	14.58	14.42		
20+5	1	99	1	0		14.42	14.45	14.27		
20+5	100	0	25	0	16-QAM	20.54	20.58	20.44	21.49	0.1409
20+5	1	0	1	24		15.06	15.26	15.15		
20+5	1	99	1	0		15.00	15.07	14.95		
20+5	100	0	25	0	64-QAM	20.52	20.58	20.44	21.49	0.1409
20+5	1	0	1	24		12.52	13.23	12.86		
20+5	1	99	1	0		12.74	13.07	12.62		
20+5	100	0	25	0	256-QAM	18.54	18.59	18.46	19.50	0.0891
20+5	1	0	1	24		8.60	9.00	8.68		
20+5	1	99	1	0		8.64	8.69	8.31		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.55	20.57	20.43	21.48	0.1406
5+20	1	0	1	99		14.47	14.50	14.36		
5+20	1	24	1	0		14.40	14.43	14.30		
5+20	25	0	100	0	16-QAM	20.64	20.60	20.51	21.55	0.1429
5+20	1	0	1	99		15.02	15.16	14.94		
5+20	1	24	1	0		15.03	15.11	14.94		
5+20	25	0	100	0	64-QAM	20.61	20.59	20.47	21.52	0.1419
5+20	1	0	1	99		12.76	12.88	12.61		
5+20	1	24	1	0		12.73	12.84	12.48		
5+20	25	0	100	0	256-QAM	18.64	18.62	18.48	19.55	0.0902
5+20	1	0	1	99		8.66	8.30	8.50		
5+20	1	24	1	0		8.63	8.28	8.45		
15+10	75	0	50	0	QPSK	20.51	20.53	20.37	21.44	0.1393
15+10	1	0	1	49		14.48	14.47	14.36		
15+10	1	74	1	0		14.42	14.41	14.29		
15+10	75	0	50	0	16-QAM	20.52	20.53	20.38	21.44	0.1393
15+10	1	0	1	49		15.07	14.91	15.01		
15+10	1	74	1	0		15.05	14.82	15.00		
15+10	75	0	50	0	64-QAM	20.52	20.53	20.40	21.44	0.1393
15+10	1	0	1	49		12.80	12.87	12.62		
15+10	1	74	1	0		12.74	12.86	12.70		
15+10	75	0	50	0	256-QAM	18.56	18.55	18.42	19.47	0.0885
15+10	1	0	1	49		8.68	8.33	8.71		
15+10	1	74	1	0		8.57	8.77	8.35		
10+15	50	0	75	0	QPSK	20.54	20.51	20.35	21.45	0.1396
10+15	1	0	1	74		14.47	14.45	14.33		
10+15	1	49	1	0		14.48	14.42	14.28		
10+15	50	0	75	0	16-QAM	20.53	20.55	20.38	21.46	0.1400
10+15	1	0	1	74		15.04	15.09	15.01		
10+15	1	49	1	0		15.06	15.06	15.01		
10+15	50	0	75	0	64-QAM	20.55	20.53	20.46	21.46	0.1400
10+15	1	0	1	74		12.75	12.78	12.65		
10+15	1	49	1	0		12.74	12.69	12.52		
10+15	50	0	75	0	256-QAM	18.57	18.55	18.47	19.48	0.0887
10+15	1	0	1	74		8.66	8.67	8.62		
10+15	1	49	1	0		8.77	8.45	8.43		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.91 dB)										
15+15	75	0	75	0	QPSK	20.55	20.52	20.41	21.46	0.1400
15+15	1	0	1	74		14.52	14.53	14.42		
15+15	1	74	1	0		14.48	14.47	14.38		
15+15	75	0	75	0	16-QAM	20.59	20.57	20.46	21.50	0.1413
15+15	1	0	1	74		15.07	15.20	15.07		
15+15	1	74	1	0		15.01	15.10	14.99		
15+15	75	0	75	0	64-QAM	20.61	20.63	20.47	21.54	0.1426
15+15	1	0	1	74		12.82	12.80	12.68		
15+15	1	74	1	0		12.62	12.77	12.59		
15+15	75	0	75	0	256-QAM	18.61	18.62	18.49	19.53	0.0897
15+15	1	0	1	74		8.72	8.87	8.77		
15+15	1	74	1	0		8.73	8.79	8.58		
Limit	EIRP < 2W					Result			Pass	



<Tx1 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.33	24.36	24.43	20.36	0.1086
20	1	49		24.26	24.30	24.33		
20	1	99		24.15	24.22	24.23		
20	50	0		23.32	23.33	23.34		
20	50	24		23.31	23.32	23.30		
20	50	50		23.27	23.27	23.30		
20	100	0		23.28	23.31	23.32		
20	1	0	16-QAM	23.72	23.68	23.63	19.65	0.0923
20	1	49		23.60	23.56	23.53		
20	1	99		23.52	23.57	23.53		
20	50	0		22.34	22.38	22.32		
20	50	24		22.29	22.31	22.32		
20	50	50		22.30	22.27	22.30		
20	100	0		22.33	22.31	22.34		
20	1	0	64-QAM	22.56	22.53	22.47	18.49	0.0706
20	1	49		22.45	22.32	22.43		
20	1	99		22.39	22.49	22.43		
20	50	0		21.38	21.40	21.35		
20	50	24		21.37	21.36	21.38		
20	50	50		21.33	21.32	21.36		
20	100	0		21.35	21.33	21.34		
20	1	0	256-QAM	19.93	19.97	19.91	15.90	0.0389
20	1	49		19.83	19.74	19.84		
20	1	99		19.74	19.84	19.88		
20	50	0		19.78	19.83	19.80		
20	50	24		19.79	19.73	19.80		
20	50	50		19.77	19.75	19.78		
20	100	0		19.80	19.74	19.77		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.32	24.27	24.33	20.26	0.1062
15	1	37		24.23	24.25	24.31		
15	1	74		23.97	24.11	24.21		
15	36	0		23.25	23.13	23.24		
15	36	20		23.14	23.28	23.21		
15	36	39		23.16	23.17	23.20		
15	75	0		23.21	23.21	23.25		
15	1	0	16-QAM	23.69	23.57	23.57	19.62	0.0916
15	1	37		23.43	23.54	23.36		
15	1	74		23.40	23.56	23.49		
15	36	0		22.25	22.36	22.12		
15	36	20		22.19	22.30	22.27		
15	36	39		22.15	22.14	22.24		
15	75	0		22.17	22.26	22.32		
15	1	0	64-QAM	22.42	22.38	22.40	18.35	0.0684
15	1	37		22.25	22.25	22.33		
15	1	74		22.34	22.40	22.28		
15	36	0		21.18	21.30	21.35		
15	36	20		21.33	21.17	21.20		
15	36	39		21.30	21.28	21.35		
15	75	0		21.33	21.24	21.26		
15	1	0	256-QAM	19.91	19.80	19.81	15.84	0.0384
15	1	37		19.66	19.54	19.76		
15	1	74		19.65	19.83	19.72		
15	36	0		19.73	19.77	19.72		
15	36	20		19.77	19.64	19.78		
15	36	39		19.57	19.70	19.75		
15	75	0		19.75	19.55	19.72		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.18	24.26	24.38	20.31	0.1074
10	1	25		24.08	24.28	24.28		
10	1	49		24.00	24.11	24.03		
10	25	0		23.21	23.31	23.24		
10	25	12		23.24	23.20	23.12		
10	25	25		23.18	23.21	23.11		
10	50	0		23.22	23.24	23.25		
10	1	0	16-QAM	23.56	23.65	23.59	19.58	0.0908
10	1	25		23.49	23.41	23.39		
10	1	49		23.39	23.40	23.34		
10	25	0		22.31	22.29	22.31		
10	25	12		22.14	22.26	22.29		
10	25	25		22.22	22.16	22.23		
10	50	0		22.27	22.21	22.23		
10	1	0	64-QAM	22.47	22.53	22.40	18.46	0.0701
10	1	25		22.41	22.14	22.30		
10	1	49		22.20	22.32	22.27		
10	25	0		21.31	21.32	21.21		
10	25	12		21.21	21.28	21.25		
10	25	25		21.30	21.28	21.18		
10	50	0		21.35	21.20	21.16		
10	1	0	256-QAM	19.82	19.83	19.77	15.79	0.0379
10	1	25		19.80	19.61	19.66		
10	1	49		19.57	19.74	19.86		
10	25	0		19.58	19.68	19.71		
10	25	12		19.76	19.68	19.67		
10	25	25		19.59	19.59	19.67		
10	50	0		19.70	19.71	19.59		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.24	24.22	24.31	20.24	0.1057
5	1	12		24.19	24.12	24.22		
5	1	24		24.06	24.06	24.14		
5	12	0		23.21	23.14	23.22		
5	12	7		23.24	23.21	23.19		
5	12	13		23.24	23.22	23.14		
5	25	0		23.19	23.17	23.19		
5	1	0	16-QAM	23.67	23.50	23.48	19.60	0.0912
5	1	12		23.56	23.50	23.39		
5	1	24		23.39	23.50	23.35		
5	12	0		22.21	22.31	22.22		
5	12	7		22.26	22.25	22.24		
5	12	13		22.11	22.23	22.20		
5	25	0		22.21	22.27	22.22		
5	1	0	64-QAM	22.48	22.36	22.28	18.41	0.0693
5	1	12		22.39	22.14	22.41		
5	1	24		22.22	22.33	22.28		
5	12	0		21.26	21.27	21.28		
5	12	7		21.35	21.20	21.31		
5	12	13		21.20	21.23	21.32		
5	25	0		21.33	21.25	21.32		
5	1	0	256-QAM	19.91	19.92	19.74	15.85	0.0385
5	1	12		19.67	19.73	19.65		
5	1	24		19.67	19.81	19.75		
5	12	0		19.62	19.78	19.61		
5	12	7		19.69	19.69	19.79		
5	12	13		19.69	19.58	19.73		
5	25	0		19.62	19.73	19.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.25	24.24	24.24	20.18	0.1042
3	1	8		24.08	24.23	24.18		
3	1	14		24.11	24.20	24.15		
3	8	0		23.21	23.32	23.18		
3	8	4		23.25	23.22	23.22		
3	8	7		23.09	23.18	23.18		
3	15	0		23.13	23.23	23.30		
3	1	0	16-QAM	23.61	23.51	23.50	19.54	0.0899
3	1	8		23.49	23.49	23.51		
3	1	14		23.46	23.57	23.35		
3	8	0		22.23	22.24	22.14		
3	8	4		22.17	22.24	22.14		
3	8	7		22.26	22.18	22.23		
3	15	0		22.17	22.17	22.32		
3	1	0	64-QAM	22.38	22.51	22.30	18.44	0.0698
3	1	8		22.41	22.14	22.40		
3	1	14		22.30	22.44	22.37		
3	8	0		21.35	21.20	21.29		
3	8	4		21.30	21.20	21.22		
3	8	7		21.24	21.20	21.32		
3	15	0		21.30	21.23	21.22		
3	1	0	256-QAM	19.87	19.97	19.87	15.90	0.0389
3	1	8		19.83	19.70	19.68		
3	1	14		19.59	19.64	19.85		
3	8	0		19.69	19.67	19.63		
3	8	4		19.72	19.71	19.63		
3	8	7		19.69	19.75	19.75		
3	15	0		19.66	19.69	19.73		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = -4.07 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.31	24.27	24.31	20.26	0.1062
1.4	1	3		24.26	24.15	24.18		
1.4	1	5		24.01	24.07	24.11		
1.4	3	0		24.19	24.33	24.32		
1.4	3	1		24.18	24.24	24.32		
1.4	3	3		24.07	24.08	24.20		
1.4	6	0		23.26	23.23	23.18		
1.4	1	0	16-QAM	23.19	23.31	23.27	19.52	0.0895
1.4	1	3		23.16	23.22	23.24		
1.4	1	5		23.25	23.20	23.27		
1.4	3	0		23.55	23.59	23.50		
1.4	3	1		23.56	23.42	23.33		
1.4	3	3		23.39	23.52	23.52		
1.4	6	0		22.28	22.38	22.13		
1.4	1	0	64-QAM	22.14	22.12	22.13	18.47	0.0703
1.4	1	3		22.16	22.27	22.16		
1.4	1	5		22.20	22.20	22.32		
1.4	3	0		22.54	22.51	22.47		
1.4	3	1		22.26	22.20	22.40		
1.4	3	3		22.25	22.44	22.38		
1.4	6	0		21.20	21.37	21.22		
1.4	1	0	256-QAM	19.75	19.79	19.90	15.83	0.0383
1.4	1	3		19.66	19.73	19.72		
1.4	1	5		19.57	19.76	19.76		
1.4	3	0		19.71	19.69	19.68		
1.4	3	1		19.72	19.70	19.73		
1.4	3	3		19.61	19.66	19.65		
1.4	6	0		19.72	19.55	19.61		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.37	24.42	24.36	20.53	0.1130
20	1	49		24.26	24.35	24.30		
20	1	99		24.18	24.23	24.19		
20	50	0		23.34	23.36	23.30		
20	50	24		23.29	23.33	23.28		
20	50	50		23.26	23.27	23.25		
20	100	0		23.26	23.31	23.26		
20	1	0	16-QAM	23.71	23.61	23.54	19.82	0.0959
20	1	49		23.56	23.52	23.45		
20	1	99		23.52	23.53	23.39		
20	50	0		22.34	22.34	22.27		
20	50	24		22.33	22.30	22.25		
20	50	50		22.26	22.30	22.27		
20	100	0		22.30	22.33	22.29		
20	1	0	64-QAM	22.61	22.58	22.39	18.72	0.0745
20	1	49		22.49	22.53	22.44		
20	1	99		22.42	22.48	22.35		
20	50	0		21.40	21.39	21.33		
20	50	24		21.40	21.35	21.30		
20	50	50		21.34	21.32	21.30		
20	100	0		21.35	21.33	21.31		
20	1	0	256-QAM	20.03	19.95	19.84	16.14	0.0411
20	1	49		19.92	19.92	19.79		
20	1	99		19.77	19.89	19.80		
20	50	0		19.83	19.77	19.70		
20	50	24		19.80	19.73	19.75		
20	50	50		19.72	19.68	19.66		
20	100	0		19.73	19.71	19.76		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.31	24.39	24.35	20.50	0.1122
15	1	37		24.11	24.17	24.19		
15	1	74		24.10	24.07	24.16		
15	36	0		23.21	23.25	23.23		
15	36	20		23.28	23.27	23.16		
15	36	39		23.26	23.14	23.13		
15	75	0		23.19	23.29	23.21		
15	1	0	16-QAM	23.63	23.52	23.52	19.74	0.0942
15	1	37		23.44	23.47	23.40		
15	1	74		23.52	23.53	23.32		
15	36	0		22.29	22.34	22.21		
15	36	20		22.28	22.27	22.15		
15	36	39		22.25	22.12	22.27		
15	75	0		22.17	22.13	22.13		
15	1	0	64-QAM	22.53	22.48	22.36	18.64	0.0731
15	1	37		22.40	22.38	22.25		
15	1	74		22.27	22.35	22.31		
15	36	0		21.28	21.27	21.17		
15	36	20		21.40	21.31	21.12		
15	36	39		21.18	21.31	21.21		
15	75	0		21.25	21.27	21.31		
15	1	0	256-QAM	19.84	19.86	19.83	16.02	0.0400
15	1	37		19.80	19.91	19.73		
15	1	74		19.59	19.70	19.66		
15	36	0		19.71	19.67	19.63		
15	36	20		19.65	19.68	19.61		
15	36	39		19.62	19.48	19.63		
15	75	0		19.62	19.68	19.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.24	24.30	24.29	20.41	0.1099
10	1	25		24.24	24.21	24.17		
10	1	49		24.09	24.13	24.07		
10	25	0		23.15	23.23	23.16		
10	25	12		23.20	23.15	23.28		
10	25	25		23.20	23.18	23.24		
10	50	0		23.09	23.26	23.26		
10	1	0	16-QAM	23.53	23.52	23.40	19.64	0.0920
10	1	25		23.53	23.40	23.29		
10	1	49		23.34	23.41	23.29		
10	25	0		22.16	22.24	22.07		
10	25	12		22.17	22.17	22.13		
10	25	25		22.17	22.30	22.10		
10	50	0		22.29	22.20	22.14		
10	1	0	64-QAM	22.50	22.44	22.19	18.61	0.0726
10	1	25		22.48	22.50	22.34		
10	1	49		22.41	22.45	22.32		
10	25	0		21.37	21.35	21.26		
10	25	12		21.32	21.29	21.12		
10	25	25		21.30	21.29	21.11		
10	50	0		21.22	21.28	21.31		
10	1	0	256-QAM	19.84	19.75	19.66	16.01	0.0399
10	1	25		19.90	19.77	19.75		
10	1	49		19.58	19.80	19.69		
10	25	0		19.72	19.68	19.51		
10	25	12		19.77	19.62	19.68		
10	25	25		19.65	19.57	19.62		
10	50	0		19.60	19.63	19.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.17	24.22	24.23	20.34	0.1081
5	1	12		24.10	24.19	24.19		
5	1	24		24.02	24.04	24.14		
5	12	0		23.30	23.34	23.28		
5	12	7		23.23	23.23	23.12		
5	12	13		23.10	23.25	23.08		
5	25	0		23.21	23.29	23.08		
5	1	0	16-QAM	23.69	23.59	23.39	19.80	0.0955
5	1	12		23.37	23.34	23.25		
5	1	24		23.32	23.35	23.38		
5	12	0		22.22	22.28	22.26		
5	12	7		22.25	22.10	22.14		
5	12	13		22.10	22.24	22.26		
5	25	0		22.10	22.25	22.11		
5	1	0	64-QAM	22.56	22.46	22.31	18.67	0.0736
5	1	12		22.40	22.49	22.36		
5	1	24		22.38	22.28	22.26		
5	12	0		21.38	21.20	21.20		
5	12	7		21.23	21.33	21.17		
5	12	13		21.15	21.14	21.30		
5	25	0		21.28	21.25	21.23		
5	1	0	256-QAM	19.93	19.93	19.69	16.04	0.0402
5	1	12		19.83	19.90	19.76		
5	1	24		19.59	19.76	19.68		
5	12	0		19.63	19.66	19.66		
5	12	7		19.77	19.71	19.56		
5	12	13		19.52	19.50	19.52		
5	25	0		19.61	19.56	19.58		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.35	24.41	24.22	20.52	0.1127
3	1	8		24.19	24.26	24.25		
3	1	14		24.14	24.08	24.01		
3	8	0		23.18	23.17	23.24		
3	8	4		23.16	23.30	23.19		
3	8	7		23.09	23.15	23.24		
3	15	0		23.24	23.20	23.26		
3	1	0	16-QAM	23.69	23.41	23.35	19.80	0.0955
3	1	8		23.50	23.44	23.30		
3	1	14		23.45	23.40	23.36		
3	8	0		22.20	22.15	22.15		
3	8	4		22.26	22.25	22.24		
3	8	7		22.16	22.17	22.19		
3	15	0		22.20	22.27	22.18		
3	1	0	64-QAM	22.50	22.38	22.36	18.63	0.0729
3	1	8		22.29	22.52	22.44		
3	1	14		22.35	22.30	22.15		
3	8	0		21.35	21.33	21.30		
3	8	4		21.23	21.23	21.14		
3	8	7		21.16	21.16	21.13		
3	15	0		21.15	21.26	21.15		
3	1	0	256-QAM	19.85	19.89	19.75	16.00	0.0398
3	1	8		19.77	19.84	19.61		
3	1	14		19.63	19.73	19.62		
3	8	0		19.81	19.67	19.69		
3	8	4		19.73	19.63	19.75		
3	8	7		19.58	19.52	19.58		
3	15	0		19.66	19.57	19.70		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.89 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.36	24.27	24.31	20.47	0.1114
1.4	1	3		24.20	24.18	24.11		
1.4	1	5		24.10	24.22	24.13		
1.4	3	0		24.32	24.27	24.27		
1.4	3	1		24.17	24.16	24.23		
1.4	3	3		24.18	24.04	24.01		
1.4	6	0		23.25	23.25	23.22		
1.4	1	0	16-QAM	23.28	23.22	23.21	19.72	0.0938
1.4	1	3		23.09	23.24	23.06		
1.4	1	5		23.19	23.23	23.25		
1.4	3	0		23.61	23.52	23.38		
1.4	3	1		23.47	23.37	23.44		
1.4	3	3		23.33	23.42	23.28		
1.4	6	0		22.32	22.16	22.17		
1.4	1	0	64-QAM	22.14	22.22	22.14	18.58	0.0721
1.4	1	3		22.17	22.21	22.18		
1.4	1	5		22.30	22.16	22.25		
1.4	3	0		22.43	22.42	22.39		
1.4	3	1		22.43	22.41	22.28		
1.4	3	3		22.28	22.47	22.23		
1.4	6	0		21.35	21.28	21.22		
1.4	1	0	256-QAM	20.02	19.81	19.83	16.13	0.0410
1.4	1	3		19.81	19.77	19.65		
1.4	1	5		19.63	19.80	19.74		
1.4	3	0		19.66	19.74	19.69		
1.4	3	1		19.79	19.53	19.70		
1.4	3	3		19.72	19.53	19.49		
1.4	6	0		19.54	19.60	19.64		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.62	24.68	24.69	21.97	0.1574
20	1	49		24.57	24.61	24.57		
20	1	99		24.48	24.48	24.50		
20	50	0		23.62	23.65	23.68		
20	50	24		23.57	23.61	23.64		
20	50	50		23.50	23.58	23.57		
20	100	0		23.56	23.64	23.65		
20	1	0	16-QAM	23.90	23.98	24.05	21.33	0.1358
20	1	49		23.88	23.83	23.88		
20	1	99		23.87	23.83	23.82		
20	50	0		22.61	22.67	22.65		
20	50	24		22.54	22.64	22.62		
20	50	50		22.50	22.57	22.57		
20	100	0		22.59	22.64	22.59		
20	1	0	64-QAM	22.81	22.83	22.92	20.20	0.1047
20	1	49		22.81	22.80	22.78		
20	1	99		22.80	22.74	22.71		
20	50	0		21.63	21.66	21.67		
20	50	24		21.60	21.63	21.64		
20	50	50		21.52	21.61	21.56		
20	100	0		21.60	21.65	21.62		
20	1	0	256-QAM	20.08	20.13	20.12	17.41	0.0551
20	1	49		20.09	20.02	20.04		
20	1	99		20.04	20.04	19.98		
20	50	0		19.84	19.94	19.87		
20	50	24		19.85	19.88	19.90		
20	50	50		19.81	19.83	19.80		
20	100	0		19.87	19.88	19.82		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.61	24.62	24.58	21.90	0.1549
15	1	37		24.50	24.42	24.54		
15	1	74		24.35	24.46	24.48		
15	36	0		23.48	23.65	23.51		
15	36	20		23.51	23.43	23.58		
15	36	39		23.42	23.51	23.50		
15	75	0		23.55	23.58	23.53		
15	1	0	16-QAM	23.76	23.98	24.02	21.30	0.1349
15	1	37		23.79	23.69	23.87		
15	1	74		23.74	23.81	23.68		
15	36	0		22.48	22.58	22.65		
15	36	20		22.37	22.55	22.45		
15	36	39		22.30	22.51	22.55		
15	75	0		22.50	22.61	22.52		
15	1	0	64-QAM	22.79	22.72	22.72	20.08	0.1019
15	1	37		22.72	22.69	22.74		
15	1	74		22.80	22.60	22.62		
15	36	0		21.59	21.57	21.52		
15	36	20		21.56	21.47	21.51		
15	36	39		21.52	21.47	21.46		
15	75	0		21.56	21.52	21.60		
15	1	0	256-QAM	19.94	19.98	19.92	17.33	0.0541
15	1	37		20.05	19.90	19.91		
15	1	74		20.01	20.02	19.92		
15	36	0		19.72	19.92	19.71		
15	36	20		19.73	19.86	19.80		
15	36	39		19.72	19.71	19.63		
15	75	0		19.74	19.85	19.76		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.49	24.65	24.49	21.93	0.1560
10	1	25		24.56	24.54	24.41		
10	1	49		24.31	24.29	24.36		
10	25	0		23.59	23.58	23.58		
10	25	12		23.50	23.45	23.51		
10	25	25		23.33	23.56	23.44		
10	50	0		23.43	23.57	23.58		
10	1	0	16-QAM	23.75	23.79	23.89	21.17	0.1309
10	1	25		23.72	23.69	23.77		
10	1	49		23.69	23.65	23.68		
10	25	0		22.47	22.61	22.56		
10	25	12		22.47	22.55	22.47		
10	25	25		22.33	22.44	22.40		
10	50	0		22.44	22.49	22.54		
10	1	0	64-QAM	22.81	22.68	22.79	20.09	0.1021
10	1	25		22.72	22.64	22.68		
10	1	49		22.78	22.70	22.54		
10	25	0		21.60	21.48	21.57		
10	25	12		21.56	21.62	21.62		
10	25	25		21.48	21.60	21.49		
10	50	0		21.43	21.48	21.49		
10	1	0	256-QAM	19.96	20.06	20.12	17.40	0.0550
10	1	25		20.08	20.01	20.01		
10	1	49		19.86	20.01	19.83		
10	25	0		19.81	19.78	19.68		
10	25	12		19.71	19.86	19.77		
10	25	25		19.65	19.78	19.68		
10	50	0		19.71	19.78	19.69		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.51	24.64	24.50	21.92	0.1556
5	1	12		24.47	24.46	24.38		
5	1	24		24.32	24.35	24.30		
5	12	0		23.49	23.60	23.58		
5	12	7		23.53	23.59	23.49		
5	12	13		23.46	23.55	23.41		
5	25	0		23.48	23.61	23.61		
5	1	0	16-QAM	23.75	23.93	23.87	21.21	0.1321
5	1	12		23.85	23.79	23.87		
5	1	24		23.74	23.70	23.68		
5	12	0		22.57	22.57	22.47		
5	12	7		22.54	22.53	22.54		
5	12	13		22.32	22.46	22.38		
5	25	0		22.57	22.63	22.54		
5	1	0	64-QAM	22.77	22.67	22.83	20.11	0.1026
5	1	12		22.74	22.78	22.62		
5	1	24		22.78	22.63	22.71		
5	12	0		21.56	21.48	21.63		
5	12	7		21.42	21.47	21.62		
5	12	13		21.42	21.43	21.38		
5	25	0		21.54	21.45	21.60		
5	1	0	256-QAM	19.89	20.13	20.10	17.41	0.0551
5	1	12		19.94	19.83	19.96		
5	1	24		19.84	20.03	19.97		
5	12	0		19.74	19.93	19.83		
5	12	7		19.70	19.68	19.90		
5	12	13		19.77	19.82	19.64		
5	25	0		19.87	19.74	19.73		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.59	24.49	24.53	21.87	0.1538
3	1	8		24.53	24.46	24.43		
3	1	14		24.45	24.28	24.37		
3	8	0		23.61	23.60	23.51		
3	8	4		23.49	23.49	23.53		
3	8	7		23.37	23.41	23.46		
3	15	0		23.49	23.63	23.59		
3	1	0	16-QAM	23.74	23.98	23.93	21.26	0.1337
3	1	8		23.87	23.75	23.78		
3	1	14		23.87	23.66	23.70		
3	8	0		22.57	22.49	22.48		
3	8	4		22.44	22.53	22.58		
3	8	7		22.33	22.39	22.44		
3	15	0		22.53	22.57	22.57		
3	1	0	64-QAM	22.79	22.80	22.75	20.08	0.1019
3	1	8		22.68	22.62	22.62		
3	1	14		22.61	22.62	22.61		
3	8	0		21.63	21.56	21.51		
3	8	4		21.55	21.53	21.52		
3	8	7		21.51	21.54	21.43		
3	15	0		21.53	21.49	21.47		
3	1	0	256-QAM	20.01	19.93	19.99	17.37	0.0546
3	1	8		20.09	19.95	19.84		
3	1	14		19.85	19.87	19.95		
3	8	0		19.74	19.77	19.70		
3	8	4		19.74	19.71	19.76		
3	8	7		19.68	19.76	19.64		
3	15	0		19.76	19.84	19.66		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = -2.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.46	24.68	24.58	21.96	0.1570
1.4	1	3		24.45	24.60	24.52		
1.4	1	5		24.37	24.31	24.49		
1.4	3	0		24.51	24.64	24.59		
1.4	3	1		24.49	24.52	24.43		
1.4	3	3		24.36	24.35	24.40		
1.4	6	0		23.44	23.49	23.49		
1.4	1	0	16-QAM	23.41	23.49	23.61	21.20	0.1318
1.4	1	3		23.47	23.47	23.38		
1.4	1	5		23.54	23.61	23.64		
1.4	3	0		23.77	23.92	23.85		
1.4	3	1		23.71	23.77	23.75		
1.4	3	3		23.79	23.66	23.69		
1.4	6	0		22.41	22.50	22.50		
1.4	1	0	64-QAM	22.42	22.47	22.58	20.15	0.1035
1.4	1	3		22.42	22.54	22.42		
1.4	1	5		22.40	22.63	22.47		
1.4	3	0		22.75	22.68	22.87		
1.4	3	1		22.62	22.77	22.72		
1.4	3	3		22.75	22.56	22.53		
1.4	6	0		21.54	21.50	21.59		
1.4	1	0	256-QAM	19.95	20.13	19.94	17.41	0.0551
1.4	1	3		19.95	20.02	19.99		
1.4	1	5		20.01	20.03	19.91		
1.4	3	0		19.70	19.87	19.76		
1.4	3	1		19.80	19.72	19.74		
1.4	3	3		19.67	19.83	19.74		
1.4	6	0		19.78	19.76	19.70		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.10	25.15	25.10	16.03	0.0401
10	1	25		24.97	24.99	24.92		
10	1	49		25.02	25.04	24.97		
10	25	0		24.20	24.27	24.14		
10	25	12		24.17	24.19	24.11		
10	25	25		24.17	24.21	24.10		
10	50	0		24.18	24.21	24.13		
10	1	0	16-QAM	24.33	24.37	24.35	15.25	0.0335
10	1	25		24.20	24.29	24.30		
10	1	49		24.19	24.23	24.18		
10	25	0		23.17	23.22	23.16		
10	25	12		23.18	23.21	23.09		
10	25	25		23.16	23.17	23.08		
10	50	0		23.17	23.20	23.08		
10	1	0	64-QAM	23.34	23.35	23.23	14.23	0.0265
10	1	25		23.21	23.20	23.13		
10	1	49		23.18	23.18	23.07		
10	25	0		22.19	22.23	22.16		
10	25	12		22.16	22.21	22.12		
10	25	25		22.13	22.17	22.10		
10	50	0		22.15	22.18	22.17		
10	1	0	256-QAM	20.60	20.65	20.46	11.53	0.0142
10	1	25		20.50	20.48	20.40		
10	1	49		20.41	20.45	20.30		
10	25	0		20.45	20.50	20.43		
10	25	12		20.39	20.44	20.37		
10	25	25		20.39	20.40	20.39		
10	50	0		20.35	20.47	20.39		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.90	25.01	25.10	15.98	0.0396
5	1	12		24.93	24.93	24.72		
5	1	24		24.88	24.86	24.85		
5	12	0		24.16	24.22	24.01		
5	12	7		24.05	24.02	23.93		
5	12	13		24.06	24.08	23.92		
5	25	0		24.11	24.08	23.95		
5	1	0	16-QAM	24.15	24.37	24.24	15.25	0.0335
5	1	12		24.00	24.26	24.23		
5	1	24		23.99	24.13	24.12		
5	12	0		23.12	23.21	23.01		
5	12	7		23.11	23.10	22.92		
5	12	13		22.96	23.04	23.07		
5	25	0		23.16	23.03	22.94		
5	1	0	64-QAM	23.29	23.26	23.06	14.17	0.0261
5	1	12		23.16	23.15	23.12		
5	1	24		22.98	23.07	23.04		
5	12	0		22.11	22.04	22.04		
5	12	7		22.01	22.16	21.95		
5	12	13		22.02	21.97	22.02		
5	25	0		22.05	22.13	21.97		
5	1	0	256-QAM	20.58	20.49	20.45	11.46	0.0140
5	1	12		20.36	20.37	20.29		
5	1	24		20.26	20.28	20.29		
5	12	0		20.33	20.35	20.41		
5	12	7		20.34	20.37	20.26		
5	12	13		20.21	20.25	20.28		
5	25	0		20.24	20.33	20.39		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.95	25.13	25.09	16.01	0.0399
3	1	8		24.97	24.80	24.87		
3	1	14		25.00	24.86	24.92		
3	8	0		24.16	24.14	24.08		
3	8	4		24.10	24.03	24.02		
3	8	7		24.15	24.16	23.92		
3	15	0		24.18	24.13	23.95		
3	1	0	16-QAM	24.15	24.29	24.34	15.22	0.0333
3	1	8		24.04	24.28	24.10		
3	1	14		24.00	24.09	24.17		
3	8	0		23.03	23.19	23.13		
3	8	4		23.01	23.08	23.05		
3	8	7		23.15	23.15	22.96		
3	15	0		23.14	23.01	23.03		
3	1	0	64-QAM	23.23	23.26	23.20	14.14	0.0259
3	1	8		23.02	23.01	23.03		
3	1	14		23.07	23.04	22.92		
3	8	0		22.10	22.10	22.08		
3	8	4		22.09	22.11	22.02		
3	8	7		22.02	22.17	22.09		
3	15	0		21.99	22.10	22.08		
3	1	0	256-QAM	20.58	20.45	20.46	11.46	0.0140
3	1	8		20.30	20.28	20.34		
3	1	14		20.34	20.35	20.24		
3	8	0		20.31	20.31	20.27		
3	8	4		20.35	20.24	20.33		
3	8	7		20.21	20.33	20.30		
3	15	0		20.24	20.37	20.29		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -6.97 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	25.03	25.04	25.09	15.97	0.0395
1.4	1	3		24.85	24.82	24.84		
1.4	1	5		24.89	24.85	24.96		
1.4	3	0		24.04	24.15	24.02		
1.4	3	1		24.12	24.05	24.01		
1.4	3	3		24.14	24.14	24.06		
1.4	6	0		24.07	24.16	23.94		
1.4	1	0	16-QAM	24.23	24.23	24.15	15.11	0.0324
1.4	1	3		24.05	24.20	24.13		
1.4	1	5		24.00	24.18	24.15		
1.4	3	0		23.03	23.21	23.02		
1.4	3	1		23.05	23.20	22.94		
1.4	3	3		23.14	23.16	22.98		
1.4	6	0		23.15	23.00	23.03		
1.4	1	0	64-QAM	23.21	23.24	23.18	14.12	0.0258
1.4	1	3		23.04	23.16	23.05		
1.4	1	5		23.08	23.16	22.87		
1.4	3	0		22.12	22.06	22.14		
1.4	3	1		22.00	22.13	22.11		
1.4	3	3		22.01	22.01	21.98		
1.4	6	0		22.01	22.09	22.12		
1.4	1	0	256-QAM	20.53	20.54	20.34	11.42	0.0139
1.4	1	3		20.48	20.32	20.36		
1.4	1	5		20.28	20.28	20.20		
1.4	3	0		20.43	20.48	20.26		
1.4	3	1		20.34	20.33	20.27		
1.4	3	3		20.39	20.32	20.27		
1.4	6	0		20.22	20.38	20.37		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 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	24.04	24.00	24.01	19.04	0.0802
20	1	49		24.03	23.98	24.00		
20	1	99		24.01	23.98	23.98		
20	50	0		23.20	23.09	23.10		
20	50	24		23.17	23.09	23.10		
20	50	50		23.18	23.06	23.08		
20	100	0		23.18	23.08	23.09		
20	1	0	16-QAM	23.30	23.25	23.26	18.42	0.0695
20	1	49		23.38	23.40	23.41		
20	1	99		23.41	23.17	23.42		
20	50	0		22.09	22.06	22.10		
20	50	24		22.15	22.06	22.11		
20	50	50		22.15	22.10	22.10		
20	100	0		22.14	22.06	22.10		
20	1	0	64-QAM	22.22	22.14	22.15	17.30	0.0537
20	1	49		22.29	22.15	22.25		
20	1	99		22.30	22.11	22.24		
20	50	0		21.12	21.06	21.08		
20	50	24		21.12	21.06	21.10		
20	50	50		21.15	21.09	21.11		
20	100	0		21.12	21.03	21.10		
20	1	0	256-QAM	19.67	19.64	19.62	14.73	0.0297
20	1	49		19.72	19.58	19.67		
20	1	99		19.73	19.60	19.65		
20	50	0		19.59	19.52	19.57		
20	50	24		19.60	19.55	19.57		
20	50	50		19.57	19.55	19.55		
20	100	0		19.61	19.45	19.51		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 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	24.01	23.95	23.92	19.01	0.0796
15	1	37		23.95	23.82	23.83		
15	1	74		23.89	23.86	23.90		
15	36	0		23.13	22.95	23.05		
15	36	20		23.13	22.89	22.91		
15	36	39		23.01	22.94	23.02		
15	75	0		23.09	23.01	23.09		
15	1	0	16-QAM	23.13	23.11	23.12	18.42	0.0695
15	1	37		23.20	23.36	23.27		
15	1	74		23.22	23.02	23.42		
15	36	0		21.89	21.86	22.07		
15	36	20		22.03	22.02	21.92		
15	36	39		22.10	21.96	22.04		
15	75	0		22.14	22.03	21.90		
15	1	0	64-QAM	22.07	22.12	22.07	17.22	0.0527
15	1	37		22.10	21.97	22.19		
15	1	74		22.22	22.08	22.21		
15	36	0		21.00	21.05	20.90		
15	36	20		21.01	21.05	21.01		
15	36	39		21.04	21.09	21.05		
15	75	0		21.08	20.84	20.95		
15	1	0	256-QAM	19.54	19.63	19.59	14.70	0.0295
15	1	37		19.70	19.48	19.49		
15	1	74		19.68	19.40	19.60		
15	36	0		19.56	19.43	19.45		
15	36	20		19.58	19.50	19.46		
15	36	39		19.50	19.55	19.39		
15	75	0		19.53	19.33	19.50		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 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	24.01	23.86	23.99	19.01	0.0796
10	1	25		23.88	23.93	23.80		
10	1	49		23.84	23.92	23.93		
10	25	0		23.12	23.06	23.10		
10	25	12		23.00	23.02	23.04		
10	25	25		23.02	22.99	22.89		
10	50	0		23.17	22.96	22.95		
10	1	0	16-QAM	23.29	23.07	23.19	18.36	0.0685
10	1	25		23.24	23.35	23.33		
10	1	49		23.36	23.11	23.28		
10	25	0		22.09	21.94	22.08		
10	25	12		21.97	21.92	22.09		
10	25	25		21.96	22.10	22.05		
10	50	0		21.94	21.92	21.95		
10	1	0	64-QAM	22.11	22.05	22.10	17.27	0.0533
10	1	25		22.20	22.15	22.19		
10	1	49		22.27	22.04	22.14		
10	25	0		20.99	20.99	20.95		
10	25	12		20.97	20.91	20.95		
10	25	25		21.01	21.02	21.08		
10	50	0		20.95	20.86	21.09		
10	1	0	256-QAM	19.66	19.54	19.57	14.68	0.0294
10	1	25		19.60	19.50	19.64		
10	1	49		19.68	19.56	19.62		
10	25	0		19.41	19.44	19.39		
10	25	12		19.41	19.41	19.42		
10	25	25		19.47	19.46	19.52		
10	50	0		19.49	19.35	19.36		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 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	23.95	23.95	23.97	19.00	0.0794
5	1	12		23.86	23.80	24.00		
5	1	24		23.93	23.81	23.87		
5	12	0		23.09	23.08	22.93		
5	12	7		23.14	23.02	23.07		
5	12	13		23.17	22.96	22.91		
5	25	0		23.03	23.03	23.09		
5	1	0	16-QAM	23.10	23.13	23.23	18.37	0.0687
5	1	12		23.35	23.30	23.35		
5	1	24		23.27	22.99	23.37		
5	12	0		21.97	21.99	21.94		
5	12	7		22.05	21.94	21.91		
5	12	13		22.08	22.09	21.94		
5	25	0		22.14	21.96	21.92		
5	1	0	64-QAM	22.21	22.05	21.96	17.21	0.0526
5	1	12		22.15	22.13	22.21		
5	1	24		22.18	22.00	22.21		
5	12	0		21.07	20.89	21.07		
5	12	7		20.96	20.99	21.00		
5	12	13		21.06	21.02	21.02		
5	25	0		21.02	20.89	21.00		
5	1	0	256-QAM	19.49	19.60	19.52	14.73	0.0297
5	1	12		19.64	19.48	19.64		
5	1	24		19.73	19.46	19.45		
5	12	0		19.41	19.51	19.42		
5	12	7		19.51	19.39	19.38		
5	12	13		19.47	19.37	19.52		
5	25	0		19.46	19.41	19.37		
Limit	EIRP < 2W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.64	24.67	24.65	14.90	0.0309
10	1	25		24.56	24.51	24.58		
10	1	49		24.58	24.62	24.62		
10	25	0		23.70	23.75	23.70		
10	25	12		23.69	23.69	23.70		
10	25	25		23.65	23.67	23.69		
10	50	0		23.65	23.67	23.64		
10	1	0	16-QAM	23.99	24.08	23.97	14.31	0.0270
10	1	25		23.96	24.04	23.98		
10	1	49		23.91	24.06	24.01		
10	25	0		22.73	22.73	22.76		
10	25	12		22.73	22.71	22.75		
10	25	25		22.72	22.70	22.76		
10	50	0		22.72	22.64	22.73		
10	1	0	64-QAM	22.89	22.89	22.88	13.14	0.0206
10	1	25		22.75	22.71	22.82		
10	1	49		22.91	22.82	22.77		
10	25	0		21.72	21.68	21.75		
10	25	12		21.74	21.68	21.74		
10	25	25		21.70	21.67	21.73		
10	50	0		21.73	21.67	21.72		
10	1	0	256-QAM	20.30	20.34	20.30	10.63	0.0116
10	1	25		20.16	20.16	20.23		
10	1	49		20.40	20.32	20.23		
10	25	0		20.17	20.13	20.19		
10	25	12		20.24	20.09	20.22		
10	25	25		20.14	20.16	20.15		
10	50	0		20.22	20.11	20.18		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.56	24.66	24.52	14.89	0.0308
5	1	12		24.41	24.51	24.53		
5	1	24		24.48	24.48	24.44		
5	12	0		23.60	23.59	23.54		
5	12	7		23.57	23.56	23.54		
5	12	13		23.47	23.57	23.66		
5	25	0		23.60	23.65	23.60		
5	1	0	16-QAM	23.79	24.01	23.82	14.24	0.0265
5	1	12		23.95	23.93	23.78		
5	1	24		23.85	23.93	23.95		
5	12	0		22.71	22.73	22.66		
5	12	7		22.58	22.65	22.60		
5	12	13		22.57	22.64	22.63		
5	25	0		22.54	22.45	22.69		
5	1	0	64-QAM	22.77	22.80	22.70	13.05	0.0202
5	1	12		22.74	22.52	22.65		
5	1	24		22.82	22.69	22.63		
5	12	0		21.56	21.55	21.73		
5	12	7		21.56	21.54	21.69		
5	12	13		21.59	21.56	21.71		
5	25	0		21.63	21.60	21.66		
5	1	0	256-QAM	20.15	20.31	20.28	10.54	0.0113
5	1	12		20.00	20.03	20.05		
5	1	24		20.25	20.28	20.09		
5	12	0		19.99	20.13	20.17		
5	12	7		20.13	20.00	20.08		
5	12	13		19.94	20.14	20.06		
5	25	0		20.17	20.05	20.03		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.62	24.55	24.46	14.85	0.0305
3	1	8		24.56	24.35	24.57		
3	1	14		24.51	24.51	24.49		
3	8	0		23.60	23.63	23.69		
3	8	4		23.56	23.55	23.56		
3	8	7		23.51	23.50	23.57		
3	15	0		23.59	23.49	23.59		
3	1	0	16-QAM	23.99	24.03	23.85	14.26	0.0267
3	1	8		23.76	23.91	23.85		
3	1	14		23.85	23.88	23.91		
3	8	0		22.56	22.58	22.75		
3	8	4		22.72	22.71	22.55		
3	8	7		22.60	22.67	22.56		
3	15	0		22.60	22.62	22.70		
3	1	0	64-QAM	22.76	22.79	22.79	13.02	0.0200
3	1	8		22.55	22.58	22.77		
3	1	14		22.73	22.69	22.76		
3	8	0		21.55	21.67	21.65		
3	8	4		21.63	21.62	21.66		
3	8	7		21.66	21.54	21.69		
3	15	0		21.62	21.64	21.72		
3	1	0	256-QAM	20.23	20.19	20.14	10.46	0.0111
3	1	8		20.13	20.00	20.04		
3	1	14		20.23	20.21	20.18		
3	8	0		20.03	20.02	20.02		
3	8	4		20.18	19.92	20.03		
3	8	7		20.12	20.00	20.10		
3	15	0		20.10	19.91	20.00		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.62 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.55	24.49	24.63	14.86	0.0306
1.4	1	3		24.48	24.38	24.53		
1.4	1	5		24.43	24.60	24.49		
1.4	3	0		24.45	24.50	24.49		
1.4	3	1		24.46	24.44	24.44		
1.4	3	3		24.54	24.53	24.44		
1.4	6	0		23.52	23.75	23.57		
1.4	1	0	16-QAM	23.53	23.65	23.61	14.23	0.0265
1.4	1	3		23.57	23.51	23.55		
1.4	1	5		23.53	23.58	23.64		
1.4	3	0		23.79	23.88	23.79		
1.4	3	1		23.96	23.88	23.93		
1.4	3	3		23.90	23.90	24.00		
1.4	6	0		22.58	22.58	22.64		
1.4	1	0	64-QAM	22.62	22.69	22.56	13.05	0.0202
1.4	1	3		22.60	22.57	22.56		
1.4	1	5		22.55	22.54	22.67		
1.4	3	0		22.71	22.81	22.73		
1.4	3	1		22.65	22.63	22.63		
1.4	3	3		22.82	22.72	22.68		
1.4	6	0		21.52	21.62	21.75		
1.4	1	0	256-QAM	20.11	20.26	20.30	10.54	0.0113
1.4	1	3		20.13	20.06	20.12		
1.4	1	5		20.30	20.31	20.17		
1.4	3	0		19.97	20.07	20.08		
1.4	3	1		20.23	20.06	20.09		
1.4	3	3		20.12	20.03	20.02		
1.4	6	0		20.07	19.95	20.01		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.94 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.96	-	16.87	0.0486			
10	1	25			24.81						
10	1	49			24.92						
10	25	0			24.12						
10	25	12			24.10						
10	25	25			24.08						
10	50	0			24.11						
10	1	0	16-QAM		24.38		-	16.29	0.0426		
10	1	25			24.20						
10	1	49			24.20						
10	25	0			23.05						
10	25	12			23.05						
10	25	25			23.05						
10	50	0			23.05						
10	1	0	64-QAM		23.15			-	15.06	0.0321	
10	1	25			23.02						
10	1	49			23.12						
10	25	0			22.05						
10	25	12			22.08						
10	25	25			22.05						
10	50	0			22.09						
10	1	0	256-QAM		20.36				-	12.32	0.0171
10	1	25			20.26						
10	1	49			20.41						
10	25	0			20.29						
10	25	12			20.33						
10	25	25			20.25						
10	50	0			20.35						
Limit	ERP < 3W			Result						Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -5.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.89	24.92	24.82	16.83	0.0482
5	1	12		24.80	24.63	24.62		
5	1	24		24.82	24.84	24.89		
5	12	0		24.10	23.99	24.07		
5	12	7		23.91	24.07	24.06		
5	12	13		24.01	24.04	23.97		
5	25	0		24.00	24.04	24.11		
5	1	0	16-QAM	24.22	24.38	24.36	16.29	0.0426
5	1	12		24.06	24.06	24.01		
5	1	24		24.10	24.18	24.00		
5	12	0		23.03	23.02	22.90		
5	12	7		23.02	22.87	22.92		
5	12	13		22.90	22.95	22.94		
5	25	0		22.92	22.90	22.92		
5	1	0	64-QAM	23.08	23.07	22.96	14.99	0.0316
5	1	12		22.82	22.83	22.85		
5	1	24		23.05	22.92	22.92		
5	12	0		21.87	21.90	21.92		
5	12	7		22.04	21.90	22.01		
5	12	13		22.03	21.90	21.91		
5	25	0		21.98	22.01	21.98		
5	1	0	256-QAM	20.34	20.17	20.29	12.26	0.0168
5	1	12		20.16	20.08	20.26		
5	1	24		20.28	20.23	20.35		
5	12	0		20.14	20.29	20.15		
5	12	7		20.21	20.20	20.23		
5	12	13		20.21	20.21	20.24		
5	25	0		20.25	20.19	20.15		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -7.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.60	24.64	24.62	14.65	0.0292
10	1	25		24.50	24.57	24.56		
10	1	49		24.60	24.61	24.61		
10	25	0		23.68	23.70	23.69		
10	25	12		23.65	23.66	23.66		
10	25	25		23.65	23.65	23.66		
10	50	0		23.68	23.69	23.65		
10	1	0	16-QAM	23.99	23.91	23.99	14.04	0.0254
10	1	25		23.97	23.95	23.98		
10	1	49		24.03	23.98	23.88		
10	25	0		22.69	22.70	22.73		
10	25	12		22.69	22.72	22.72		
10	25	25		22.71	22.69	22.72		
10	50	0		22.66	22.68	22.69		
10	1	0	64-QAM	22.89	22.78	22.90	12.98	0.0199
10	1	25		22.71	22.77	22.76		
10	1	49		22.97	22.85	22.80		
10	25	0		21.69	21.69	21.71		
10	25	12		21.68	21.68	21.73		
10	25	25		21.69	21.67	21.70		
10	50	0		21.67	21.68	21.71		
10	1	0	256-QAM	20.30	20.23	20.32	10.34	0.0108
10	1	25		20.13	20.18	20.18		
10	1	49		20.33	20.22	20.22		
10	25	0		20.05	20.13	20.15		
10	25	12		20.04	20.10	20.18		
10	25	25		20.11	20.09	20.06		
10	50	0		20.03	20.07	20.14		
Limit	ERP < 3W			Result			Pass	



LTE Band 17 Maximum Average Power [dBm] (GT - LC = -7.84 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.57	24.51	24.42	14.58	0.0287
5	1	12		24.45	24.57	24.45		
5	1	24		24.45	24.45	24.52		
5	12	0		23.60	23.55	23.56		
5	12	7		23.59	23.58	23.63		
5	12	13		23.56	23.64	23.60		
5	25	0		23.50	23.59	23.50		
5	1	0	16-QAM	23.89	23.77	23.97	14.03	0.0253
5	1	12		23.84	23.95	23.80		
5	1	24		24.02	23.91	23.69		
5	12	0		22.57	22.52	22.59		
5	12	7		22.51	22.69	22.67		
5	12	13		22.71	22.64	22.70		
5	25	0		22.58	22.48	22.68		
5	1	0	64-QAM	22.83	22.78	22.80	12.88	0.0194
5	1	12		22.57	22.57	22.66		
5	1	24		22.87	22.75	22.61		
5	12	0		21.58	21.49	21.62		
5	12	7		21.54	21.63	21.65		
5	12	13		21.68	21.48	21.60		
5	25	0		21.63	21.67	21.70		
5	1	0	256-QAM	20.29	20.19	20.13	10.33	0.0108
5	1	12		20.08	20.12	20.11		
5	1	24		20.32	20.06	20.12		
5	12	0		20.05	19.97	20.00		
5	12	7		20.03	20.10	20.03		
5	12	13		19.99	20.09	19.89		
5	25	0		19.97	19.92	20.03		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	25.18	25.32	25.10	16.63	0.0460
15	1	37		24.96	25.00	24.96		
15	1	74		25.03	25.04	24.93		
15	36	0		24.20	24.10	24.12		
15	36	20		24.16	23.95	24.09		
15	36	39		24.15	24.23	24.04		
15	75	0		24.18	24.28	24.12		
15	1	0	16-QAM	24.41	24.54	24.43	15.87	0.0386
15	1	37		24.33	24.56	24.29		
15	1	74		24.29	24.47	24.15		
15	36	0		23.18	22.99	23.11		
15	36	20		23.15	23.33	23.05		
15	36	39		23.12	23.32	23.02		
15	75	0		23.12	23.03	23.07		
15	1	0	64-QAM	23.36	23.15	23.32	14.70	0.0295
15	1	37		23.39	23.37	23.35		
15	1	74		23.22	23.06	23.13		
15	36	0		22.17	22.16	22.13		
15	36	20		22.15	21.96	22.09		
15	36	39		22.14	21.97	22.02		
15	75	0		22.16	22.17	22.10		
15	1	0	256-QAM	20.62	20.75	20.62	12.06	0.0161
15	1	37		20.67	20.49	20.65		
15	1	74		20.49	20.62	20.41		
15	36	0		20.40	20.44	20.40		
15	36	20		20.44	20.43	20.39		
15	36	39		20.35	20.25	20.28		
15	75	0		20.45	20.36	20.35		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.15	25.08	24.94	16.46	0.0443
10	1	25		24.97	24.79	24.92		
10	1	49		24.96	24.91	24.75		
10	25	0		24.01	24.21	23.93		
10	25	12		24.07	24.26	24.04		
10	25	25		23.95	24.14	23.87		
10	50	0		24.05	23.96	24.06		
10	1	0	16-QAM	24.27	24.16	24.42	15.73	0.0374
10	1	25		24.34	24.23	24.27		
10	1	49		24.23	24.27	24.01		
10	25	0		23.10	23.22	22.94		
10	25	12		23.02	23.04	22.86		
10	25	25		23.10	23.04	22.87		
10	50	0		23.01	22.92	23.00		
10	1	0	64-QAM	22.99	23.43	23.17	14.74	0.0298
10	1	25		23.16	23.23	23.16		
10	1	49		23.06	23.25	23.09		
10	25	0		22.24	21.99	22.10		
10	25	12		21.94	22.24	22.09		
10	25	25		21.90	22.06	22.01		
10	50	0		21.97	22.02	22.03		
10	1	0	256-QAM	20.43	20.51	20.42	11.96	0.0157
10	1	25		20.58	20.57	20.65		
10	1	49		20.39	20.28	20.33		
10	25	0		20.14	20.14	20.26		
10	25	12		20.20	20.37	20.31		
10	25	25		20.34	20.21	20.26		
10	50	0		20.31	20.26	20.15		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.04	25.02	25.04	16.43	0.0440
5	1	12		24.97	25.01	24.95		
5	1	24		25.12	24.97	24.75		
5	12	0		24.09	24.10	24.02		
5	12	7		24.05	24.06	24.02		
5	12	13		24.04	24.06	24.04		
5	25	0		23.90	24.18	24.09		
5	1	0	16-QAM	24.27	24.42	24.42	15.74	0.0375
5	1	12		24.31	24.23	24.10		
5	1	24		24.43	24.30	24.04		
5	12	0		23.11	23.11	23.02		
5	12	7		23.17	22.98	22.89		
5	12	13		22.97	22.97	22.91		
5	25	0		22.99	23.07	22.93		
5	1	0	64-QAM	23.31	23.36	23.29	14.72	0.0296
5	1	12		23.41	23.30	23.16		
5	1	24		23.24	23.03	23.08		
5	12	0		22.14	21.99	22.10		
5	12	7		22.10	22.13	21.98		
5	12	13		21.92	21.97	21.88		
5	25	0		22.07	22.08	21.90		
5	1	0	256-QAM	20.46	20.60	20.52	11.91	0.0155
5	1	12		20.54	20.49	20.56		
5	1	24		20.41	20.42	20.30		
5	12	0		20.18	20.19	20.40		
5	12	7		20.21	20.17	20.26		
5	12	13		20.25	20.12	20.08		
5	25	0		20.33	20.33	20.32		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	25.11	25.11	25.05	16.42	0.0439
3	1	8		24.90	24.87	24.79		
3	1	14		24.99	24.93	24.90		
3	8	0		23.99	24.11	23.94		
3	8	4		24.14	24.06	24.00		
3	8	7		23.90	24.05	23.99		
3	15	0		23.96	23.95	24.10		
3	1	0	16-QAM	24.35	24.37	24.23	15.70	0.0372
3	1	8		24.39	24.20	24.28		
3	1	14		24.14	24.10	24.03		
3	8	0		23.10	23.02	23.10		
3	8	4		23.15	23.09	22.92		
3	8	7		23.09	23.00	22.97		
3	15	0		23.10	23.02	22.94		
3	1	0	64-QAM	23.15	23.22	23.24	14.62	0.0290
3	1	8		23.28	23.21	23.31		
3	1	14		23.13	23.20	22.96		
3	8	0		22.17	22.10	21.99		
3	8	4		22.06	21.90	21.94		
3	8	7		21.96	22.04	21.95		
3	15	0		22.23	22.00	21.97		
3	1	0	256-QAM	20.41	20.45	20.47	11.93	0.0156
3	1	8		20.60	20.41	20.62		
3	1	14		20.37	20.42	20.37		
3	8	0		20.24	20.29	20.26		
3	8	4		20.14	20.28	20.29		
3	8	7		20.44	20.11	20.12		
3	15	0		20.24	20.32	20.26		
Limit	ERP < 7W			Result			Pass	



LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	25.01	25.12	24.95	16.43	0.0440
1.4	1	3		24.74	24.67	24.96		
1.4	1	5		24.95	25.02	24.90		
1.4	3	0		25.07	25.06	25.01		
1.4	3	1		24.86	24.68	24.85		
1.4	3	3		25.05	24.90	24.82		
1.4	6	0		24.22	23.94	24.02		
1.4	1	0	16-QAM	24.06	24.20	23.96	15.70	0.0372
1.4	1	3		24.11	23.93	23.97		
1.4	1	5		23.99	24.07	24.06		
1.4	3	0		24.31	24.39	24.25		
1.4	3	1		24.32	24.17	24.21		
1.4	3	3		24.27	24.22	24.14		
1.4	6	0		23.08	23.01	23.03		
1.4	1	0	64-QAM	23.11	23.05	22.99	14.69	0.0294
1.4	1	3		22.95	23.00	22.99		
1.4	1	5		22.94	23.01	23.07		
1.4	3	0		23.38	23.17	23.23		
1.4	3	1		23.27	23.20	23.29		
1.4	3	3		23.21	23.14	22.96		
1.4	6	0		22.08	22.25	22.05		
1.4	1	0	256-QAM	20.41	20.36	20.55	11.86	0.0153
1.4	1	3		20.38	20.41	20.51		
1.4	1	5		20.40	20.34	20.38		
1.4	3	0		20.43	20.40	20.29		
1.4	3	1		20.32	20.27	20.38		
1.4	3	3		20.39	20.25	20.09		
1.4	6	0		20.23	20.43	20.26		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.41	24.27	24.31	19.19	0.0830
20	1	49		24.37	24.25	24.23		
20	1	99		24.34	24.26	24.26		
20	50	0		23.38	23.35	23.30		
20	50	24		23.33	23.20	23.27		
20	50	50		23.33	23.20	23.23		
20	100	0		23.36	23.33	23.27		
20	1	0	16-QAM	23.41	23.42	23.37	18.20	0.0661
20	1	49		23.33	23.27	23.34		
20	1	99		23.36	23.38	23.34		
20	50	0		22.32	22.23	22.23		
20	50	24		22.31	22.16	22.23		
20	50	50		22.30	22.29	22.23		
20	100	0		22.36	22.27	22.27		
20	1	0	64-QAM	22.27	22.09	22.19	17.10	0.0513
20	1	49		22.30	22.14	22.16		
20	1	99		22.32	22.22	22.16		
20	50	0		21.33	21.15	21.25		
20	50	24		21.32	21.18	21.25		
20	50	50		21.33	21.24	21.22		
20	100	0		21.33	21.23	21.25		
20	1	0	256-QAM	19.56	19.36	19.45	14.38	0.0274
20	1	49		19.59	19.40	19.40		
20	1	99		19.52	19.50	19.44		
20	50	0		19.60	19.45	19.50		
20	50	24		19.54	19.43	19.49		
20	50	50		19.53	19.50	19.45		
20	100	0		19.57	19.48	19.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.32	24.17	24.27	19.13	0.0818
15	1	37		24.35	24.19	24.18		
15	1	74		24.14	24.10	24.26		
15	36	0		23.38	23.15	23.25		
15	36	20		23.26	23.00	23.19		
15	36	39		23.19	23.06	23.16		
15	75	0		23.28	23.21	23.20		
15	1	0	16-QAM	23.24	23.28	23.29	18.10	0.0646
15	1	37		23.28	23.20	23.14		
15	1	74		23.32	23.28	23.20		
15	36	0		22.13	22.16	22.03		
15	36	20		22.11	21.97	22.09		
15	36	39		22.17	22.11	22.09		
15	75	0		22.26	22.16	22.18		
15	1	0	64-QAM	22.24	21.97	22.15	17.02	0.0504
15	1	37		22.18	22.10	22.04		
15	1	74		22.19	22.05	22.04		
15	36	0		21.18	21.00	21.09		
15	36	20		21.12	21.15	21.25		
15	36	39		21.28	21.20	21.13		
15	75	0		21.26	21.22	21.05		
15	1	0	256-QAM	19.43	19.21	19.43	14.30	0.0269
15	1	37		19.41	19.23	19.33		
15	1	74		19.39	19.30	19.44		
15	36	0		19.52	19.37	19.45		
15	36	20		19.41	19.43	19.36		
15	36	39		19.44	19.31	19.28		
15	75	0		19.49	19.35	19.39		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.26	24.13	24.15	19.10	0.0813
10	1	25		24.26	24.23	24.06		
10	1	49		24.32	24.19	24.11		
10	25	0		23.37	23.17	23.28		
10	25	12		23.19	23.16	23.14		
10	25	25		23.29	23.05	23.19		
10	50	0		23.17	23.27	23.10		
10	1	0	16-QAM	23.30	23.30	23.33	18.16	0.0655
10	1	25		23.21	23.21	23.24		
10	1	49		23.30	23.38	23.21		
10	25	0		22.28	22.20	22.23		
10	25	12		22.11	21.96	22.04		
10	25	25		22.22	22.26	22.09		
10	50	0		22.19	22.16	22.12		
10	1	0	64-QAM	22.16	21.93	22.03	16.96	0.0497
10	1	25		22.18	22.07	22.09		
10	1	49		22.18	22.07	22.06		
10	25	0		21.21	21.10	21.07		
10	25	12		21.15	20.99	21.08		
10	25	25		21.19	21.17	21.17		
10	50	0		21.32	21.09	21.22		
10	1	0	256-QAM	19.36	19.32	19.28	14.29	0.0269
10	1	25		19.39	19.20	19.25		
10	1	49		19.34	19.43	19.43		
10	25	0		19.44	19.26	19.40		
10	25	12		19.37	19.37	19.46		
10	25	25		19.36	19.40	19.25		
10	50	0		19.51	19.39	19.39		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.23	24.21	24.17	19.03	0.0800
5	1	12		24.25	24.21	24.23		
5	1	24		24.15	24.14	24.21		
5	12	0		23.27	23.28	23.10		
5	12	7		23.20	23.02	23.13		
5	12	13		23.33	23.17	23.23		
5	25	0		23.19	23.17	23.14		
5	1	0	16-QAM	23.29	23.39	23.18	18.17	0.0656
5	1	12		23.26	23.23	23.31		
5	1	24		23.24	23.23	23.25		
5	12	0		22.25	22.21	22.03		
5	12	7		22.27	21.97	22.10		
5	12	13		22.14	22.09	22.17		
5	25	0		22.17	22.27	22.27		
5	1	0	64-QAM	22.14	21.91	22.09	16.99	0.0500
5	1	12		22.13	21.96	22.07		
5	1	24		22.21	22.18	21.96		
5	12	0		21.25	21.06	21.19		
5	12	7		21.22	21.10	21.23		
5	12	13		21.29	21.23	21.16		
5	25	0		21.29	21.06	21.13		
5	1	0	256-QAM	19.53	19.34	19.36	14.37	0.0274
5	1	12		19.59	19.26	19.24		
5	1	24		19.35	19.45	19.29		
5	12	0		19.51	19.26	19.41		
5	12	7		19.46	19.31	19.43		
5	12	13		19.53	19.45	19.44		
5	25	0		19.39	19.48	19.44		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.32	26.31	26.26	21.10	0.1288
20	1	49		26.26	26.30	26.24		
20	1	99		26.19	26.16	26.10		
20	50	0		25.26	25.25	25.21		
20	50	24		25.25	25.24	25.17		
20	50	50		25.24	25.23	25.15		
20	100	0		25.25	25.25	25.16		
20	1	0	16-QAM	25.64	25.57	25.50	20.53	0.1130
20	1	49		25.75	25.63	25.61		
20	1	99		25.54	25.51	25.46		
20	50	0		24.29	24.26	24.19		
20	50	24		24.26	24.22	24.16		
20	50	50		24.26	24.24	24.12		
20	100	0		24.28	24.25	24.18		
20	1	0	64-QAM	24.31	24.29	24.25	19.11	0.0815
20	1	49		24.27	24.29	24.33		
20	1	99		24.24	24.27	24.21		
20	50	0		23.27	23.21	23.17		
20	50	24		23.25	23.20	23.19		
20	50	50		23.25	23.19	23.18		
20	100	0		23.23	23.23	23.16		
20	1	0	256-QAM	21.57	21.54	21.50	16.38	0.0435
20	1	49		21.47	21.53	21.60		
20	1	99		21.51	21.51	21.46		
20	50	0		21.49	21.46	21.40		
20	50	24		21.55	21.41	21.48		
20	50	50		21.55	21.43	21.40		
20	100	0		21.43	21.50	21.44		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.26	26.29	26.06	21.07	0.1279
15	1	37		26.09	26.13	26.11		
15	1	74		26.17	26.10	25.94		
15	36	0		25.16	25.05	25.08		
15	36	20		25.17	25.19	25.06		
15	36	39		25.05	25.22	25.12		
15	75	0		25.17	25.17	25.02		
15	1	0	16-QAM	25.45	25.40	25.48	20.38	0.1091
15	1	37		25.60	25.54	25.47		
15	1	74		25.46	25.35	25.29		
15	36	0		24.11	24.14	24.07		
15	36	20		24.19	24.20	23.99		
15	36	39		24.23	24.23	24.05		
15	75	0		24.26	24.22	23.98		
15	1	0	64-QAM	24.30	24.21	24.20	19.08	0.0809
15	1	37		24.17	24.25	24.19		
15	1	74		24.09	24.14	24.09		
15	36	0		23.24	23.01	23.10		
15	36	20		23.09	23.01	23.14		
15	36	39		23.17	23.12	23.13		
15	75	0		23.12	23.22	23.03		
15	1	0	256-QAM	21.38	21.34	21.48	16.33	0.0430
15	1	37		21.33	21.35	21.55		
15	1	74		21.41	21.39	21.30		
15	36	0		21.37	21.44	21.24		
15	36	20		21.35	21.28	21.36		
15	36	39		21.36	21.29	21.28		
15	75	0		21.34	21.48	21.42		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	26.25	26.26	26.11	21.04	0.1271
10	1	25		26.17	26.16	26.16		
10	1	49		26.08	26.12	26.05		
10	25	0		25.21	25.15	25.10		
10	25	12		25.10	25.09	24.98		
10	25	25		25.13	25.12	25.11		
10	50	0		25.07	25.05	25.05		
10	1	0	16-QAM	25.64	25.48	25.44	20.44	0.1107
10	1	25		25.66	25.49	25.52		
10	1	49		25.39	25.36	25.45		
10	25	0		24.14	24.06	24.08		
10	25	12		24.13	24.20	24.04		
10	25	25		24.16	24.05	23.93		
10	50	0		24.15	24.10	24.15		
10	1	0	64-QAM	24.25	24.29	24.20	19.07	0.0807
10	1	25		24.23	24.12	24.25		
10	1	49		24.23	24.16	24.11		
10	25	0		23.17	23.12	23.08		
10	25	12		23.05	23.19	23.11		
10	25	25		23.19	23.14	23.18		
10	50	0		23.20	23.17	23.05		
10	1	0	256-QAM	21.45	21.51	21.43	16.32	0.0429
10	1	25		21.45	21.47	21.43		
10	1	49		21.41	21.48	21.34		
10	25	0		21.47	21.39	21.20		
10	25	12		21.54	21.27	21.29		
10	25	25		21.38	21.39	21.25		
10	50	0		21.42	21.39	21.30		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -5.22 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	26.25	26.21	26.10	21.03	0.1268
5	1	12		26.21	26.22	26.08		
5	1	24		25.99	26.04	26.05		
5	12	0		25.26	25.07	25.18		
5	12	7		25.23	25.04	25.11		
5	12	13		25.05	25.22	25.10		
5	25	0		25.22	25.10	25.08		
5	1	0	16-QAM	25.55	25.46	25.38	20.52	0.1127
5	1	12		25.74	25.52	25.41		
5	1	24		25.45	25.40	25.34		
5	12	0		24.26	24.07	24.00		
5	12	7		24.25	24.09	24.15		
5	12	13		24.23	24.22	23.99		
5	25	0		24.24	24.24	24.16		
5	1	0	64-QAM	24.17	24.11	24.21	18.99	0.0793
5	1	12		24.18	24.12	24.17		
5	1	24		24.18	24.10	24.18		
5	12	0		23.17	23.17	23.00		
5	12	7		23.05	23.18	23.10		
5	12	13		23.19	23.13	23.08		
5	25	0		23.15	23.13	23.02		
5	1	0	256-QAM	21.39	21.41	21.32	16.33	0.0430
5	1	12		21.43	21.33	21.54		
5	1	24		21.38	21.37	21.38		
5	12	0		21.48	21.34	21.25		
5	12	7		21.41	21.27	21.29		
5	12	13		21.55	21.33	21.37		
5	25	0		21.39	21.30	21.27		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.36	24.40	23.99	19.40	0.0871
20	1	49		24.29	24.29	23.91		
20	1	99		24.32	24.36	23.95		
20	50	0		23.33	23.39	22.93		
20	50	24		23.31	23.35	22.90		
20	50	50		23.32	23.35	22.91		
20	100	0		23.32	23.38	22.90		
20	1	0	16-QAM	22.45	22.40	22.32	18.29	0.0675
20	1	49		22.38	22.28	23.25		
20	1	99		22.40	22.34	23.29		
20	50	0		22.31	22.35	21.92		
20	50	24		22.35	22.31	21.93		
20	50	50		22.33	22.34	21.91		
20	100	0		22.36	22.39	21.98		
20	1	0	64-QAM	22.29	22.23	21.78	17.29	0.0536
20	1	49		22.18	22.14	21.70		
20	1	99		22.20	22.11	21.74		
20	50	0		21.33	21.36	20.91		
20	50	24		21.32	21.38	20.93		
20	50	50		21.32	21.33	20.90		
20	100	0		21.33	21.36	20.94		
20	1	0	256-QAM	19.50	19.49	19.06	14.66	0.0292
20	1	49		19.41	19.42	18.93		
20	1	99		19.46	19.36	18.99		
20	50	0		19.61	19.66	19.11		
20	50	24		19.52	19.64	19.22		
20	50	50		19.58	19.55	19.17		
20	100	0		19.60	19.61	19.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.34	24.32	23.84	19.34	0.0859
15	1	37		24.23	24.10	23.73		
15	1	74		24.14	24.16	23.77		
15	36	0		23.25	23.36	22.87		
15	36	20		23.17	23.22	22.83		
15	36	39		23.31	23.33	22.83		
15	75	0		23.32	23.36	22.75		
15	1	0	16-QAM	22.39	22.34	22.23	18.13	0.0650
15	1	37		22.36	22.20	23.05		
15	1	74		22.21	22.33	23.13		
15	36	0		22.27	22.16	21.90		
15	36	20		22.17	22.30	21.93		
15	36	39		22.29	22.32	21.91		
15	75	0		22.18	22.32	21.82		
15	1	0	64-QAM	22.15	22.08	21.67	17.16	0.0520
15	1	37		22.05	22.06	21.53		
15	1	74		22.16	21.97	21.60		
15	36	0		21.33	21.27	20.90		
15	36	20		21.29	21.30	20.81		
15	36	39		21.19	21.16	20.84		
15	75	0		21.27	21.31	20.76		
15	1	0	256-QAM	19.41	19.31	18.89	14.58	0.0287
15	1	37		19.31	19.23	18.89		
15	1	74		19.45	19.18	18.87		
15	36	0		19.58	19.52	18.99		
15	36	20		19.33	19.46	19.14		
15	36	39		19.55	19.35	19.16		
15	75	0		19.55	19.55	19.22		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.35	24.32	23.93	19.35	0.0861
10	1	25		24.09	24.09	23.85		
10	1	49		24.18	24.29	23.75		
10	25	0		23.31	23.35	22.73		
10	25	12		23.30	23.15	22.89		
10	25	25		23.22	23.17	22.83		
10	50	0		23.23	23.23	22.77		
10	1	0	16-QAM	22.41	22.21	22.22	18.25	0.0668
10	1	25		22.18	22.16	23.25		
10	1	49		22.29	22.19	23.14		
10	25	0		22.15	22.26	21.86		
10	25	12		22.17	22.26	21.86		
10	25	25		22.20	22.22	21.73		
10	50	0		22.26	22.37	21.89		
10	1	0	64-QAM	22.16	22.21	21.72	17.21	0.0526
10	1	25		22.17	22.11	21.66		
10	1	49		22.09	22.01	21.60		
10	25	0		21.23	21.21	20.71		
10	25	12		21.19	21.25	20.81		
10	25	25		21.18	21.22	20.79		
10	50	0		21.14	21.17	20.85		
10	1	0	256-QAM	19.32	19.41	18.94	14.61	0.0289
10	1	25		19.22	19.26	18.92		
10	1	49		19.40	19.16	18.98		
10	25	0		19.61	19.46	18.98		
10	25	12		19.46	19.54	19.11		
10	25	25		19.44	19.44	19.09		
10	50	0		19.42	19.47	19.07		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 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	24.32	24.38	23.93	19.38	0.0867
5	1	12		24.25	24.13	23.83		
5	1	24		24.18	24.33	23.87		
5	12	0		23.18	23.29	22.80		
5	12	7		23.31	23.32	22.77		
5	12	13		23.25	23.16	22.90		
5	25	0		23.25	23.20	22.87		
5	1	0	16-QAM	22.33	22.38	22.27	18.25	0.0668
5	1	12		22.21	22.26	23.25		
5	1	24		22.27	22.21	23.25		
5	12	0		22.16	22.15	21.80		
5	12	7		22.20	22.20	21.83		
5	12	13		22.18	22.25	21.84		
5	25	0		22.26	22.38	21.95		
5	1	0	64-QAM	22.27	22.06	21.64	17.27	0.0533
5	1	12		22.11	22.10	21.54		
5	1	24		22.17	22.04	21.74		
5	12	0		21.23	21.16	20.72		
5	12	7		21.18	21.38	20.85		
5	12	13		21.19	21.33	20.87		
5	25	0		21.22	21.29	20.85		
5	1	0	256-QAM	19.44	19.47	18.91	14.61	0.0289
5	1	12		19.37	19.34	18.92		
5	1	24		19.36	19.28	18.80		
5	12	0		19.56	19.57	19.05		
5	12	7		19.45	19.61	19.18		
5	12	13		19.58	19.47	19.00		
5	25	0		19.48	19.60	19.07		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) 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	26.23	26.14	25.84	21.23	0.1327
20	1	49		26.23	25.97	25.82		
20	1	99		26.17	26.12	25.79		
20	50	0		25.23	25.25	24.86		
20	50	24		25.20	25.20	24.84		
20	50	50		25.22	25.23	24.81		
20	100	0		25.21	25.23	24.82		
20	1	0	16-QAM	24.63	24.50	24.34	19.67	0.0927
20	1	49		24.42	24.48	24.29		
20	1	99		24.29	24.67	24.23		
20	50	0		24.24	24.33	23.87		
20	50	24		24.22	24.25	23.85		
20	50	50		24.23	24.53	23.84		
20	100	0		24.27	24.66	23.88		
20	1	0	64-QAM	24.29	24.21	23.94	19.41	0.0873
20	1	49		24.41	24.21	24.03		
20	1	99		24.29	24.15	23.97		
20	50	0		23.27	23.01	22.86		
20	50	24		23.24	23.08	22.87		
20	50	50		23.21	23.04	22.87		
20	100	0		23.25	23.06	22.85		
20	1	0	256-QAM	21.54	21.48	21.16	16.66	0.0463
20	1	49		21.66	21.44	21.29		
20	1	99		21.53	21.42	21.25		
20	50	0		21.48	21.24	21.15		
20	50	24		21.51	21.36	21.10		
20	50	50		21.45	21.27	21.13		
20	100	0		21.46	21.29	21.11		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 41(HPUE) 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	26.07	26.12	25.67	21.12	0.1294
15	1	37		26.03	25.88	25.65		
15	1	74		26.03	26.09	25.73		
15	36	0		25.17	25.20	24.72		
15	36	20		25.02	25.03	24.75		
15	36	39		25.08	25.04	24.71		
15	75	0		25.03	25.12	24.66		
15	1	0	16-QAM	24.63	24.30	24.16	19.63	0.0918
15	1	37		24.26	24.29	24.14		
15	1	74		24.17	24.49	24.10		
15	36	0		24.17	24.16	23.76		
15	36	20		24.11	24.18	23.65		
15	36	39		24.09	24.37	23.81		
15	75	0		24.24	24.46	23.88		
15	1	0	64-QAM	24.28	24.13	23.77	19.28	0.0847
15	1	37		24.23	24.21	23.98		
15	1	74		24.19	23.97	23.87		
15	36	0		23.11	22.82	22.81		
15	36	20		23.06	22.94	22.76		
15	36	39		23.06	22.97	22.76		
15	75	0		23.24	22.91	22.69		
15	1	0	256-QAM	21.53	21.34	21.01	16.53	0.0450
15	1	37		21.49	21.25	21.15		
15	1	74		21.35	21.32	21.09		
15	36	0		21.31	21.11	21.00		
15	36	20		21.39	21.23	21.04		
15	36	39		21.45	21.17	21.00		
15	75	0		21.33	21.12	20.92		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) 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	26.21	25.97	25.81	21.21	0.1321
10	1	25		26.13	25.94	25.70		
10	1	49		26.16	26.00	25.64		
10	25	0		25.20	25.22	24.85		
10	25	12		25.04	25.05	24.80		
10	25	25		25.08	25.17	24.70		
10	50	0		25.09	25.23	24.66		
10	1	0	16-QAM	24.61	24.47	24.14	19.63	0.0918
10	1	25		24.33	24.29	24.13		
10	1	49		24.21	24.49	24.20		
10	25	0		24.16	24.19	23.79		
10	25	12		24.16	24.22	23.85		
10	25	25		24.20	24.33	23.73		
10	50	0		24.25	24.63	23.86		
10	1	0	64-QAM	24.14	24.01	23.78	19.30	0.0851
10	1	25		24.30	24.04	23.92		
10	1	49		24.09	23.99	23.87		
10	25	0		23.07	22.95	22.66		
10	25	12		23.06	22.90	22.69		
10	25	25		23.12	22.90	22.82		
10	50	0		23.15	22.98	22.80		
10	1	0	256-QAM	21.39	21.28	21.04	16.50	0.0447
10	1	25		21.47	21.27	21.24		
10	1	49		21.50	21.28	21.20		
10	25	0		21.44	21.24	21.04		
10	25	12		21.33	21.28	20.94		
10	25	25		21.37	21.11	21.03		
10	50	0		21.32	21.09	21.01		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 41(HPUE) 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	26.09	26.04	25.78	21.23	0.1327
5	1	12		26.23	25.80	25.62		
5	1	24		26.09	25.98	25.66		
5	12	0		25.16	25.11	24.75		
5	12	7		25.13	25.05	24.69		
5	12	13		25.06	25.06	24.63		
5	25	0		25.13	25.12	24.79		
5	1	0	16-QAM	24.62	24.47	24.20	19.62	0.0916
5	1	12		24.35	24.47	24.09		
5	1	24		24.29	24.49	24.20		
5	12	0		24.11	24.23	23.86		
5	12	7		24.15	24.13	23.84		
5	12	13		24.11	24.53	23.79		
5	25	0		24.16	24.54	23.72		
5	1	0	64-QAM	24.20	24.07	23.94	19.36	0.0863
5	1	12		24.36	24.19	23.93		
5	1	24		24.09	24.05	23.91		
5	12	0		23.10	22.96	22.86		
5	12	7		23.12	22.96	22.73		
5	12	13		23.12	22.88	22.84		
5	25	0		23.18	22.92	22.80		
5	1	0	256-QAM	21.44	21.41	21.10	16.62	0.0459
5	1	12		21.62	21.43	21.13		
5	1	24		21.33	21.23	21.06		
5	12	0		21.37	21.20	21.13		
5	12	7		21.46	21.30	21.07		
5	12	13		21.30	21.12	20.94		
5	25	0		21.38	21.10	21.10		
Limit	EIRP < 2W			Result			Pass	



LTE Band 30 Maximum Average Power [dBm] (GT - LC = -5.21 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)			
10	1	0	QPSK	-	22.58		17.37	0.0546			
10	1	25			22.46						
10	1	49			22.50						
10	25	0			21.63						
10	25	12			21.60						
10	25	25			21.57						
10	50	0			21.59						
10	1	0	16-QAM		21.78	-	16.57	0.0454			
10	1	25			21.77						
10	1	49			21.75						
10	25	0			20.59						
10	25	12			20.59						
10	25	25			20.57						
10	50	0			20.57						
10	1	0	64-QAM		20.64		-	15.43	0.0349		
10	1	25			20.52						
10	1	49			20.59						
10	25	0			19.56						
10	25	12			19.58						
10	25	25			19.55						
10	50	0			19.57						
10	1	0	256-QAM		17.93			-	12.72	0.0187	
10	1	25			17.76						
10	1	49			17.86						
10	25	0			17.85						
10	25	12			17.83						
10	25	25			17.83						
10	50	0			17.80						
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 = -5.21 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.39	22.53	22.46	17.32	0.0540
5	1	12		22.36	22.42	22.36		
5	1	24		22.34	22.38	22.50		
5	12	0		21.51	21.46	21.43		
5	12	7		21.58	21.43	21.45		
5	12	13		21.43	21.39	21.50		
5	25	0		21.48	21.43	21.48		
5	1	0	16-QAM	21.77	21.61	21.77	16.56	0.0453
5	1	12		21.71	21.76	21.61		
5	1	24		21.63	21.56	21.66		
5	12	0		20.42	20.42	20.46		
5	12	7		20.53	20.59	20.52		
5	12	13		20.39	20.40	20.56		
5	25	0		20.37	20.49	20.43		
5	1	0	64-QAM	20.47	20.59	20.57	15.38	0.0345
5	1	12		20.42	20.44	20.50		
5	1	24		20.56	20.42	20.51		
5	12	0		19.53	19.47	19.37		
5	12	7		19.44	19.45	19.46		
5	12	13		19.41	19.44	19.49		
5	25	0		19.43	19.38	19.50		
5	1	0	256-QAM	17.87	17.86	17.75	12.66	0.0185
5	1	12		17.71	17.58	17.58		
5	1	24		17.82	17.79	17.86		
5	12	0		17.84	17.74	17.80		
5	12	7		17.67	17.82	17.73		
5	12	13		17.83	17.74	17.76		
5	25	0		17.74	17.79	17.80		
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 = -2.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.68	24.69	24.72	22.09	0.1618
20	1	49		24.56	24.56	24.58		
20	1	99		24.49	24.47	24.45		
20	50	0		23.62	23.64	23.66		
20	50	24		23.58	23.62	23.58		
20	50	50		23.52	23.58	23.55		
20	100	0		23.59	23.60	23.61		
20	1	0	16-QAM	23.99	24.01	24.02	21.39	0.1377
20	1	49		23.85	23.88	23.88		
20	1	99		23.84	23.77	23.81		
20	50	0		22.64	22.65	22.61		
20	50	24		22.60	22.62	22.61		
20	50	50		22.56	22.57	22.55		
20	100	0		22.61	22.60	22.64		
20	1	0	64-QAM	22.88	22.85	22.84	20.25	0.1059
20	1	49		22.81	22.77	22.82		
20	1	99		22.73	22.69	22.71		
20	50	0		21.62	21.65	21.66		
20	50	24		21.60	21.62	21.62		
20	50	50		21.54	21.57	21.57		
20	100	0		21.62	21.65	21.60		
20	1	0	256-QAM	20.17	20.12	20.04	17.54	0.0568
20	1	49		20.07	20.00	20.10		
20	1	99		19.99	19.95	20.00		
20	50	0		19.86	19.95	19.94		
20	50	24		19.85	19.91	19.84		
20	50	50		19.75	19.84	19.83		
20	100	0		19.82	19.94	19.84		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.65	24.62	24.57	22.02	0.1592
15	1	37		24.49	24.38	24.41		
15	1	74		24.45	24.47	24.37		
15	36	0		23.55	23.59	23.51		
15	36	20		23.47	23.58	23.52		
15	36	39		23.49	23.48	23.49		
15	75	0		23.51	23.40	23.43		
15	1	0	16-QAM	23.97	23.93	23.84	21.34	0.1361
15	1	37		23.66	23.83	23.72		
15	1	74		23.66	23.73	23.80		
15	36	0		22.49	22.64	22.48		
15	36	20		22.48	22.43	22.57		
15	36	39		22.46	22.51	22.41		
15	75	0		22.52	22.45	22.48		
15	1	0	64-QAM	22.72	22.76	22.84	20.21	0.1050
15	1	37		22.75	22.76	22.66		
15	1	74		22.72	22.63	22.63		
15	36	0		21.52	21.54	21.63		
15	36	20		21.53	21.52	21.59		
15	36	39		21.45	21.49	21.46		
15	75	0		21.61	21.58	21.50		
15	1	0	256-QAM	20.09	20.02	19.93	17.46	0.0557
15	1	37		19.92	19.96	19.99		
15	1	74		19.79	19.92	19.87		
15	36	0		19.75	19.75	19.89		
15	36	20		19.70	19.84	19.84		
15	36	39		19.56	19.65	19.67		
15	75	0		19.64	19.92	19.67		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.59	24.50	24.60	21.97	0.1574
10	1	25		24.45	24.40	24.57		
10	1	49		24.31	24.44	24.43		
10	25	0		23.59	23.63	23.54		
10	25	12		23.48	23.50	23.41		
10	25	25		23.51	23.49	23.44		
10	50	0		23.59	23.40	23.44		
10	1	0	16-QAM	23.85	23.91	23.94	21.31	0.1352
10	1	25		23.71	23.76	23.77		
10	1	49		23.81	23.77	23.64		
10	25	0		22.61	22.49	22.42		
10	25	12		22.45	22.60	22.42		
10	25	25		22.42	22.39	22.44		
10	50	0		22.47	22.41	22.60		
10	1	0	64-QAM	22.84	22.84	22.79	20.21	0.1050
10	1	25		22.75	22.77	22.73		
10	1	49		22.65	22.60	22.58		
10	25	0		21.47	21.56	21.61		
10	25	12		21.54	21.59	21.54		
10	25	25		21.39	21.41	21.47		
10	50	0		21.55	21.57	21.58		
10	1	0	256-QAM	20.05	19.98	19.91	17.42	0.0552
10	1	25		19.95	19.87	20.03		
10	1	49		19.95	19.90	19.84		
10	25	0		19.84	19.88	19.82		
10	25	12		19.65	19.81	19.67		
10	25	25		19.69	19.64	19.70		
10	50	0		19.66	19.86	19.84		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.63	24.64	24.63	22.01	0.1589
5	1	12		24.46	24.38	24.50		
5	1	24		24.48	24.28	24.40		
5	12	0		23.49	23.54	23.50		
5	12	7		23.39	23.42	23.46		
5	12	13		23.41	23.38	23.49		
5	25	0		23.47	23.45	23.47		
5	1	0	16-QAM	23.86	23.85	24.02	21.39	0.1377
5	1	12		23.82	23.75	23.82		
5	1	24		23.84	23.60	23.80		
5	12	0		22.58	22.49	22.56		
5	12	7		22.48	22.59	22.60		
5	12	13		22.41	22.41	22.53		
5	25	0		22.53	22.43	22.63		
5	1	0	64-QAM	22.68	22.80	22.66	20.17	0.1040
5	1	12		22.61	22.59	22.70		
5	1	24		22.54	22.52	22.62		
5	12	0		21.56	21.46	21.58		
5	12	7		21.49	21.47	21.58		
5	12	13		21.41	21.52	21.48		
5	25	0		21.55	21.55	21.51		
5	1	0	256-QAM	20.06	20.01	20.01	17.43	0.0553
5	1	12		19.92	19.91	20.00		
5	1	24		19.87	19.78	19.89		
5	12	0		19.71	19.81	19.75		
5	12	7		19.77	19.78	19.74		
5	12	13		19.57	19.75	19.65		
5	25	0		19.82	19.74	19.71		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.52	24.64	24.60	22.01	0.1589
3	1	8		24.37	24.50	24.58		
3	1	14		24.48	24.34	24.45		
3	8	0		23.55	23.53	23.46		
3	8	4		23.58	23.48	23.51		
3	8	7		23.32	23.50	23.47		
3	15	0		23.59	23.60	23.53		
3	1	0	16-QAM	23.85	23.98	23.94	21.35	0.1365
3	1	8		23.85	23.78	23.75		
3	1	14		23.73	23.70	23.61		
3	8	0		22.59	22.49	22.53		
3	8	4		22.58	22.51	22.43		
3	8	7		22.52	22.39	22.42		
3	15	0		22.52	22.50	22.53		
3	1	0	64-QAM	22.76	22.71	22.80	20.17	0.1040
3	1	8		22.73	22.62	22.76		
3	1	14		22.67	22.53	22.67		
3	8	0		21.43	21.54	21.58		
3	8	4		21.59	21.60	21.44		
3	8	7		21.43	21.51	21.43		
3	15	0		21.59	21.52	21.44		
3	1	0	256-QAM	20.13	20.08	19.89	17.50	0.0562
3	1	8		20.07	19.92	20.00		
3	1	14		19.90	19.88	19.98		
3	8	0		19.78	19.85	19.87		
3	8	4		19.85	19.81	19.65		
3	8	7		19.65	19.82	19.68		
3	15	0		19.79	19.74	19.79		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = -2.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.61	24.69	24.54	22.06	0.1607
1.4	1	3		24.36	24.40	24.42		
1.4	1	5		24.37	24.29	24.41		
1.4	3	0		24.50	24.56	24.58		
1.4	3	1		24.44	24.44	24.39		
1.4	3	3		24.47	24.38	24.45		
1.4	6	0		23.46	23.58	23.59		
1.4	1	0	16-QAM	23.55	23.57	23.52	21.28	0.1343
1.4	1	3		23.37	23.57	23.43		
1.4	1	5		23.45	23.51	23.51		
1.4	3	0		23.86	23.84	23.91		
1.4	3	1		23.76	23.80	23.69		
1.4	3	3		23.84	23.60	23.67		
1.4	6	0		22.49	22.54	22.59		
1.4	1	0	64-QAM	22.49	22.59	22.43	20.21	0.1050
1.4	1	3		22.46	22.46	22.47		
1.4	1	5		22.47	22.49	22.53		
1.4	3	0		22.84	22.79	22.74		
1.4	3	1		22.65	22.77	22.82		
1.4	3	3		22.73	22.62	22.61		
1.4	6	0		21.58	21.49	21.47		
1.4	1	0	256-QAM	20.16	20.10	19.86	17.53	0.0566
1.4	1	3		20.06	20.00	20.04		
1.4	1	5		19.80	19.76	19.83		
1.4	3	0		19.85	19.93	19.79		
1.4	3	1		19.73	19.76	19.74		
1.4	3	3		19.65	19.65	19.83		
1.4	6	0		19.81	19.93	19.80		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	25.07	25.05	25.04	14.29	0.0269
20	1	49		24.94	24.89	24.86		
20	1	99		24.89	24.86	24.84		
20	50	0		24.16	24.07	24.06		
20	50	24		24.09	24.03	24.02		
20	50	50		23.99	23.99	24.01		
20	100	0		23.98	23.98	23.92		
20	1	0	16-QAM	24.25	24.28	24.38	13.60	0.0229
20	1	49		24.27	24.22	24.17		
20	1	99		24.25	24.16	24.07		
20	50	0		23.06	23.02	23.00		
20	50	24		23.04	22.99	22.95		
20	50	50		22.98	22.94	22.94		
20	100	0		23.00	22.97	22.95		
20	1	0	64-QAM	23.14	23.16	23.20	12.42	0.0175
20	1	49		23.05	23.14	23.15		
20	1	99		23.07	23.10	22.85		
20	50	0		22.13	22.06	22.03		
20	50	24		22.06	22.02	22.02		
20	50	50		22.00	21.96	21.96		
20	100	0		22.04	21.99	21.98		
20	1	0	256-QAM	20.55	20.57	20.61	9.83	0.0096
20	1	49		20.50	20.52	20.54		
20	1	99		20.45	20.54	20.21		
20	50	0		20.52	20.41	20.39		
20	50	24		20.48	20.39	20.43		
20	50	50		20.35	20.38	20.38		
20	100	0		20.47	20.44	20.41		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.89	25.04	24.87	14.26	0.0267
15	1	37		24.76	24.82	24.66		
15	1	74		24.78	24.66	24.68		
15	36	0		24.05	24.01	23.93		
15	36	20		23.90	24.00	23.84		
15	36	39		23.80	23.89	23.95		
15	75	0		23.79	23.95	23.91		
15	1	0	16-QAM	24.16	24.15	24.30	13.52	0.0225
15	1	37		24.17	24.19	24.06		
15	1	74		24.06	24.15	24.06		
15	36	0		23.05	22.94	23.00		
15	36	20		22.99	22.92	22.77		
15	36	39		22.79	22.81	22.82		
15	75	0		23.00	22.85	22.79		
15	1	0	64-QAM	23.10	23.02	23.10	12.32	0.0171
15	1	37		23.01	23.05	22.95		
15	1	74		23.02	23.10	22.66		
15	36	0		22.13	21.97	21.87		
15	36	20		22.00	21.94	21.84		
15	36	39		21.87	21.81	21.84		
15	75	0		21.84	21.92	21.87		
15	1	0	256-QAM	20.48	20.56	20.50	9.78	0.0095
15	1	37		20.40	20.51	20.43		
15	1	74		20.44	20.48	20.02		
15	36	0		20.38	20.21	20.26		
15	36	20		20.43	20.24	20.27		
15	36	39		20.19	20.33	20.26		
15	75	0		20.46	20.26	20.25		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	25.00	24.86	24.96	14.22	0.0264
10	1	25		24.87	24.74	24.71		
10	1	49		24.76	24.84	24.71		
10	25	0		24.15	23.87	24.04		
10	25	12		23.97	23.88	23.97		
10	25	25		23.88	23.84	23.92		
10	50	0		23.89	23.90	23.76		
10	1	0	16-QAM	24.20	24.18	24.30	13.52	0.0225
10	1	25		24.10	24.03	24.03		
10	1	49		24.20	23.97	23.98		
10	25	0		22.92	22.84	22.84		
10	25	12		22.95	22.94	22.83		
10	25	25		22.97	22.86	22.93		
10	50	0		22.87	22.77	22.75		
10	1	0	64-QAM	22.96	23.00	23.10	12.34	0.0171
10	1	25		22.86	23.09	23.12		
10	1	49		23.01	22.90	22.70		
10	25	0		22.12	21.90	21.86		
10	25	12		21.92	21.98	22.02		
10	25	25		21.81	21.92	21.81		
10	50	0		22.03	21.81	21.88		
10	1	0	256-QAM	20.51	20.55	20.43	9.77	0.0095
10	1	25		20.38	20.47	20.34		
10	1	49		20.35	20.36	20.09		
10	25	0		20.40	20.27	20.34		
10	25	12		20.41	20.30	20.40		
10	25	25		20.33	20.29	20.27		
10	50	0		20.47	20.37	20.41		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -8.63 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	25.01	24.93	24.98	14.23	0.0265
5	1	12		24.75	24.85	24.71		
5	1	24		24.72	24.84	24.69		
5	12	0		24.14	23.92	23.95		
5	12	7		24.04	24.00	23.85		
5	12	13		23.87	23.99	24.00		
5	25	0		23.90	23.94	23.79		
5	1	0	16-QAM	24.09	24.27	24.24	13.49	0.0223
5	1	12		24.20	24.12	24.11		
5	1	24		24.16	24.04	23.95		
5	12	0		22.98	22.95	22.97		
5	12	7		23.04	22.89	22.89		
5	12	13		22.98	22.91	22.81		
5	25	0		23.00	22.95	22.75		
5	1	0	64-QAM	22.97	22.96	23.14	12.36	0.0172
5	1	12		22.91	23.14	23.01		
5	1	24		23.02	22.98	22.76		
5	12	0		21.95	21.88	21.88		
5	12	7		22.02	21.97	21.96		
5	12	13		21.94	21.80	21.77		
5	25	0		22.03	21.97	21.79		
5	1	0	256-QAM	20.35	20.51	20.60	9.82	0.0096
5	1	12		20.31	20.32	20.50		
5	1	24		20.36	20.51	20.13		
5	12	0		20.45	20.33	20.20		
5	12	7		20.32	20.34	20.32		
5	12	13		20.34	20.35	20.34		
5	25	0		20.39	20.42	20.29		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -6.13 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	25.09	-	16.81	0.0480			
10	1	25			24.90						
10	1	49			25.02						
10	25	0			24.14						
10	25	12			24.13						
10	25	25			24.13						
10	50	0			24.12						
10	1	0	16-QAM		24.41		-	16.13	0.0410		
10	1	25			24.26						
10	1	49			24.30						
10	25	0			23.14						
10	25	12			23.09						
10	25	25			23.10						
10	50	0			23.11						
10	1	0	64-QAM		23.26			-	14.98	0.0315	
10	1	25			23.14						
10	1	49			23.11						
10	25	0			22.15						
10	25	12			22.15						
10	25	25			22.12						
10	50	0			22.15						
10	1	0	256-QAM		20.52				-	12.24	0.0167
10	1	25			20.34						
10	1	49			20.38						
10	25	0			20.41						
10	25	12			20.36						
10	25	25			20.35						
10	50	0			20.35						
Limit	ERP < 3W			Result						Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -6.13 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.89	24.94	24.90	16.67	0.0465
5	1	12		24.89	24.89	24.77		
5	1	24		24.95	24.82	24.93		
5	12	0		23.97	24.11	23.99		
5	12	7		24.08	23.95	23.97		
5	12	13		24.06	24.07	24.11		
5	25	0		23.99	24.05	24.09		
5	1	0	16-QAM	24.34	24.37	24.30	16.09	0.0406
5	1	12		24.22	24.06	24.12		
5	1	24		24.19	24.13	24.25		
5	12	0		23.04	23.09	23.00		
5	12	7		23.03	23.00	22.95		
5	12	13		23.02	23.06	23.06		
5	25	0		23.03	22.99	23.06		
5	1	0	64-QAM	23.08	23.26	23.07	14.98	0.0315
5	1	12		23.14	23.11	22.95		
5	1	24		23.05	23.09	23.06		
5	12	0		21.99	22.01	21.98		
5	12	7		22.02	22.09	21.95		
5	12	13		22.10	22.12	21.93		
5	25	0		22.04	22.07	22.04		
5	1	0	256-QAM	20.34	20.38	20.51	12.23	0.0167
5	1	12		20.27	20.29	20.18		
5	1	24		20.29	20.28	20.20		
5	12	0		20.24	20.38	20.24		
5	12	7		20.29	20.34	20.25		
5	12	13		20.28	20.16	20.33		
5	25	0		20.16	20.29	20.33		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	25.13	-	-	16.44	0.0441
15	1	37		24.93	-	-		
15	1	74		25.07	-	-		
15	36	0		24.14	-	-		
15	36	20		24.12	-	-		
15	36	39		24.10	-	-		
15	75	0		24.13	-	-		
15	1	0	16-QAM	24.40	-	-	15.71	0.0372
15	1	37		24.39	-	-		
15	1	74		24.37	-	-		
15	36	0		23.17	-	-		
15	36	20		23.16	-	-		
15	36	39		23.13	-	-		
15	75	0		23.17	-	-		
15	1	0	64-QAM	23.28	-	-	14.68	0.0294
15	1	37		23.37	-	-		
15	1	74		23.23	-	-		
15	36	0		22.19	-	-		
15	36	20		22.14	-	-		
15	36	39		22.14	-	-		
15	75	0		22.17	-	-		
15	1	0	256-QAM	20.57	-	-	11.96	0.0157
15	1	37		20.65	-	-		
15	1	74		20.52	-	-		
15	36	0		20.39	-	-		
15	36	20		20.37	-	-		
15	36	39		20.39	-	-		
15	75	0		20.40	-	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	25.05	-	16.36	0.0433
10	1	25		-	24.87	-		
10	1	49		-	24.96	-		
10	25	0		-	24.13	-		
10	25	12		-	24.16	-		
10	25	25		-	24.12	-		
10	50	0		-	23.98	-		
10	1	0	16-QAM	-	24.25	-	15.62	0.0365
10	1	25		-	24.31	-		
10	1	49		-	24.27	-		
10	25	0		-	23.12	-		
10	25	12		-	23.03	-		
10	25	25		-	23.09	-		
10	50	0		-	22.95	-		
10	1	0	64-QAM	-	23.36	-	14.67	0.0293
10	1	25		-	23.21	-		
10	1	49		-	23.20	-		
10	25	0		-	22.02	-		
10	25	12		-	22.15	-		
10	25	25		-	22.05	-		
10	50	0		-	22.10	-		
10	1	0	256-QAM	-	20.53	-	11.87	0.0154
10	1	25		-	20.56	-		
10	1	49		-	20.30	-		
10	25	0		-	20.21	-		
10	25	12		-	20.32	-		
10	25	25		-	20.30	-		
10	50	0		-	20.26	-		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.98	24.95	24.90	16.40	0.0437
5	1	12		24.87	24.95	24.90		
5	1	24		25.05	25.00	25.09		
5	12	0		24.05	24.12	24.13		
5	12	7		24.02	24.08	24.05		
5	12	13		23.95	23.90	24.02		
5	25	0		23.96	24.03	23.99		
5	1	0	16-QAM	24.31	24.40	24.38	15.77	0.0378
5	1	12		24.33	24.26	24.37		
5	1	24		24.36	24.46	24.36		
5	12	0		23.15	23.18	23.05		
5	12	7		23.07	23.05	23.12		
5	12	13		22.97	23.07	23.07		
5	25	0		23.06	23.12	23.14		
5	1	0	64-QAM	23.24	23.25	23.28	14.73	0.0297
5	1	12		23.35	23.42	23.25		
5	1	24		23.14	23.24	23.19		
5	12	0		22.05	22.01	21.95		
5	12	7		22.10	22.05	22.16		
5	12	13		21.97	21.90	22.02		
5	25	0		22.14	22.08	22.08		
5	1	0	256-QAM	20.37	20.29	20.39	11.97	0.0157
5	1	12		20.63	20.66	20.55		
5	1	24		20.46	20.52	20.56		
5	12	0		20.21	20.30	20.18		
5	12	7		20.17	20.14	20.21		
5	12	13		20.28	20.30	20.34		
5	25	0		20.32	20.41	20.32		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	25.02	25.06	25.01	16.37	0.0434
3	1	8		24.80	24.86	24.86		
3	1	14		25.00	25.06	25.02		
3	8	0		24.07	24.02	24.06		
3	8	4		24.06	23.98	24.05		
3	8	7		23.98	24.07	23.88		
3	15	0		24.05	23.96	24.02		
3	1	0	16-QAM	24.37	24.31	24.33	15.68	0.0370
3	1	8		24.31	24.30	24.33		
3	1	14		24.23	24.23	24.32		
3	8	0		23.17	23.23	23.09		
3	8	4		23.12	23.14	23.15		
3	8	7		23.00	22.97	22.99		
3	15	0		23.16	23.11	23.07		
3	1	0	64-QAM	23.20	23.14	23.19	14.70	0.0295
3	1	8		23.33	23.39	23.38		
3	1	14		23.15	23.18	23.09		
3	8	0		22.16	22.06	22.08		
3	8	4		21.98	21.98	22.02		
3	8	7		21.97	22.02	22.06		
3	15	0		22.16	22.19	22.18		
3	1	0	256-QAM	20.44	20.35	20.38	11.94	0.0156
3	1	8		20.57	20.62	20.63		
3	1	14		20.33	20.33	20.36		
3	8	0		20.21	20.23	20.24		
3	8	4		20.18	20.09	20.08		
3	8	7		20.36	20.27	20.31		
3	15	0		20.28	20.30	20.23		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	25.00	24.98	25.09	16.52	0.0449
1.4	1	3		24.84	24.77	24.90		
1.4	1	5		25.05	25.15	25.04		
1.4	3	0		25.11	25.21	25.07		
1.4	3	1		24.84	24.78	24.82		
1.4	3	3		25.02	25.07	24.94		
1.4	6	0		24.12	24.07	24.13		
1.4	1	0	16-QAM	24.02	23.92	24.02	15.59	0.0362
1.4	1	3		24.09	24.08	24.05		
1.4	1	5		23.97	23.91	23.99		
1.4	3	0		24.26	24.24	24.28		
1.4	3	1		24.24	24.28	24.27		
1.4	3	3		24.18	24.26	24.28		
1.4	6	0		23.08	23.01	23.01		
1.4	1	0	64-QAM	23.14	23.09	23.15	14.68	0.0294
1.4	1	3		23.00	22.93	23.06		
1.4	1	5		23.02	23.12	23.12		
1.4	3	0		23.28	23.22	23.37		
1.4	3	1		23.28	23.29	23.18		
1.4	3	3		23.14	23.17	23.16		
1.4	6	0		22.12	22.20	22.02		
1.4	1	0	256-QAM	20.37	20.35	20.40	11.82	0.0152
1.4	1	3		20.47	20.51	20.40		
1.4	1	5		20.41	20.43	20.40		
1.4	3	0		20.36	20.45	20.31		
1.4	3	1		20.33	20.26	20.29		
1.4	3	3		20.31	20.33	20.34		
1.4	6	0		20.20	20.22	20.30		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	25.08	-	16.46	0.0443
15	1	37		-	24.97	-		
15	1	74		-	25.15	-		
15	36	0		-	24.18	-		
15	36	20		-	24.06	-		
15	36	39		-	24.05	-		
15	75	0		-	24.05	-		
15	1	0	16-QAM	-	24.44	-	15.76	0.0377
15	1	37		-	24.45	-		
15	1	74		-	24.31	-		
15	36	0		-	23.25	-		
15	36	20		-	23.16	-		
15	36	39		-	23.20	-		
15	75	0		-	23.18	-		
15	1	0	64-QAM	-	23.33	-	14.71	0.0296
15	1	37		-	23.40	-		
15	1	74		-	23.18	-		
15	36	0		-	22.27	-		
15	36	20		-	22.16	-		
15	36	39		-	22.10	-		
15	75	0		-	22.23	-		
15	1	0	256-QAM	-	20.57	-	12.04	0.0160
15	1	37		-	20.73	-		
15	1	74		-	20.62	-		
15	36	0		-	20.37	-		
15	36	20		-	20.40	-		
15	36	39		-	20.38	-		
15	75	0		-	20.40	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	25.20	-	16.51	0.0448
10	1	25		-	24.95	-		
10	1	49		-	24.93	-		
10	25	0		-	23.92	-		
10	25	12		-	24.10	-		
10	25	25		-	24.00	-		
10	50	0		-	23.97	-		
10	1	0	16-QAM	-	24.32	-	15.63	0.0366
10	1	25		-	24.23	-		
10	1	49		-	24.30	-		
10	25	0		-	22.96	-		
10	25	12		-	23.00	-		
10	25	25		-	23.10	-		
10	50	0		-	23.06	-		
10	1	0	64-QAM	-	23.07	-	14.53	0.0284
10	1	25		-	23.18	-		
10	1	49		-	23.22	-		
10	25	0		-	22.08	-		
10	25	12		-	22.08	-		
10	25	25		-	21.97	-		
10	50	0		-	22.01	-		
10	1	0	256-QAM	-	20.48	-	11.84	0.0153
10	1	25		-	20.53	-		
10	1	49		-	20.46	-		
10	25	0		-	20.30	-		
10	25	12		-	20.21	-		
10	25	25		-	20.22	-		
10	50	0		-	20.19	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.96	-	16.41	0.0438
5	1	12		-	24.78	-		
5	1	24		-	25.10	-		
5	12	0		-	24.00	-		
5	12	7		-	24.00	-		
5	12	13		-	23.98	-		
5	25	0		-	23.93	-		
5	1	0	16-QAM	-	24.40	-	15.77	0.0378
5	1	12		-	24.28	-		
5	1	24		-	24.46	-		
5	12	0		-	23.15	-		
5	12	7		-	23.10	-		
5	12	13		-	23.06	-		
5	25	0		-	23.14	-		
5	1	0	64-QAM	-	23.33	-	14.69	0.0294
5	1	12		-	23.38	-		
5	1	24		-	23.14	-		
5	12	0		-	22.15	-		
5	12	7		-	22.15	-		
5	12	13		-	22.01	-		
5	25	0		-	22.16	-		
5	1	0	256-QAM	-	20.34	-	12.04	0.0160
5	1	12		-	20.73	-		
5	1	24		-	20.48	-		
5	12	0		-	20.18	-		
5	12	7		-	20.23	-		
5	12	13		-	20.32	-		
5	25	0		-	20.42	-		
Limit	Reporting only			Result			N/A	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.98	-	16.29	0.0426
3	1	8		-	24.89	-		
3	1	14		-	24.93	-		
3	8	0		-	23.99	-		
3	8	4		-	24.10	-		
3	8	7		-	23.90	-		
3	15	0		-	23.95	-		
3	1	0	16-QAM	-	24.31	-	15.64	0.0366
3	1	8		-	24.33	-		
3	1	14		-	24.15	-		
3	8	0		-	23.10	-		
3	8	4		-	23.07	-		
3	8	7		-	22.95	-		
3	15	0		-	23.18	-		
3	1	0	64-QAM	-	23.27	-	14.65	0.0292
3	1	8		-	23.34	-		
3	1	14		-	23.21	-		
3	8	0		-	22.08	-		
3	8	4		-	22.07	-		
3	8	7		-	21.90	-		
3	15	0		-	22.10	-		
3	1	0	256-QAM	-	20.38	-	11.83	0.0152
3	1	8		-	20.52	-		
3	1	14		-	20.33	-		
3	8	0		-	20.18	-		
3	8	4		-	20.19	-		
3	8	7		-	20.46	-		
3	15	0		-	20.33	-		
Limit	Reporting only			Result			N/A	



LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -6.54 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.93	-	16.49	0.0446
1.4	1	3		-	24.90	-		
1.4	1	5		-	25.14	-		
1.4	3	0		-	25.18	-		
1.4	3	1		-	24.91	-		
1.4	3	3		-	24.95	-		
1.4	6	0		-	24.17	-		
1.4	1	0	16-QAM	-	23.98	-	15.59	0.0362
1.4	1	3		-	24.02	-		
1.4	1	5		-	24.06	-		
1.4	3	0		-	24.17	-		
1.4	3	1		-	24.28	-		
1.4	3	3		-	24.20	-		
1.4	6	0		-	23.11	-		
1.4	1	0	64-QAM	-	23.15	-	14.60	0.0288
1.4	1	3		-	22.98	-		
1.4	1	5		-	22.99	-		
1.4	3	0		-	23.29	-		
1.4	3	1		-	23.29	-		
1.4	3	3		-	23.20	-		
1.4	6	0		-	22.02	-		
1.4	1	0	256-QAM	-	20.44	-	11.80	0.0151
1.4	1	3		-	20.40	-		
1.4	1	5		-	20.49	-		
1.4	3	0		-	20.26	-		
1.4	3	1		-	20.42	-		
1.4	3	3		-	20.40	-		
1.4	6	0		-	20.27	-		
Limit	Reporting only			Result			N/A	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -6.97 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.35	22.97	22.96	14.23	0.0265
10+10	1	0	1	49		16.12	16.62	16.65		
10+10	1	49	1	0		22.70	23.35	23.28		
10+10	50	0	50	0	16-QAM	21.33	21.89	21.91	14.72	0.0296
10+10	1	0	1	49		16.53	17.00	17.09		
10+10	1	49	1	0		23.13	23.84	23.28		
10+10	50	0	50	0	64-QAM	21.25	21.87	21.84	12.75	0.0188
10+10	1	0	1	49		16.36	16.87	17.08		
10+10	1	49	1	0		21.19	21.83	21.68		
10+10	50	0	50	0	256-QAM	19.20	19.18	19.16	10.08	0.0102
10+10	1	0	1	49		16.36	16.16	16.33		
10+10	1	49	1	0		19.03	19.05	18.88		
10+5	50	0	25	0	QPSK	22.14	22.81	22.69	15.34	0.0342
10+5	1	0	1	24		14.03	14.83	14.77		
10+5	1	49	1	0		22.95	24.04	24.46		
10+5	50	0	25	0	16-QAM	21.13	21.78	21.68	14.65	0.0292
10+5	1	0	1	24		14.36	15.19	15.08		
10+5	1	49	1	0		23.17	23.77	23.73		
10+5	50	0	25	0	64-QAM	21.12	21.83	21.66	12.71	0.0187
10+5	1	0	1	24		14.27	15.13	15.03		
10+5	1	49	1	0		21.04	21.74	21.61		
10+5	50	0	25	0	256-QAM	19.08	19.79	18.95	10.67	0.0117
10+5	1	0	1	24		14.23	14.91	14.14		
10+5	1	49	1	0		19.00	19.59	18.89		
5+10	25	0	50	0	QPSK	22.05	22.19	22.11	14.72	0.0296
5+10	1	0	1	49		14.04	14.14	14.00		
5+10	1	24	1	0		23.84	23.42	23.22		
5+10	25	0	50	0	16-QAM	21.03	21.21	21.08	14.11	0.0258
5+10	1	0	1	49		14.35	14.46	14.38		
5+10	1	24	1	0		23.14	23.23	23.10		
5+10	25	0	50	0	64-QAM	21.02	21.18	21.02	12.06	0.0161
5+10	1	0	1	49		14.39	14.43	14.35		
5+10	1	24	1	0		20.95	21.10	21.00		
5+10	25	0	50	0	256-QAM	19.03	19.16	19.73	10.61	0.0115
5+10	1	0	1	49		14.22	14.39	15.04		
5+10	1	24	1	0		18.98	19.04	19.69		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -6.97 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.97	23.78	23.95	14.85	0.0305
5+3	1	0	1	14		14.45	14.50	14.45		
5+3	1	24	1	0		23.12	22.72	23.88		
5+3	25	0	15	0	16-QAM	23.97	23.94	23.90	15.02	0.0318
5+3	1	0	1	14		14.82	14.79	14.87		
5+3	1	24	1	0		24.05	23.67	24.14		
5+3	25	0	15	0	64-QAM	22.80	23.37	23.95	14.87	0.0307
5+3	1	0	1	14		14.72	14.90	14.76		
5+3	1	24	1	0		23.00	23.72	23.99		
5+3	25	0	15	0	256-QAM	22.77	23.98	23.88	14.88	0.0308
5+3	1	0	1	14		14.63	14.80	14.69		
5+3	1	24	1	0		23.82	23.96	24.00		
3+5	15	0	25	0	QPSK	23.32	23.79	23.56	14.80	0.0302
3+5	1	0	1	24		14.41	23.34	23.92		
3+5	1	14	1	0		23.82	23.89	23.80		
3+5	15	0	25	0	16-QAM	23.40	22.72	21.91	15.00	0.0316
3+5	1	0	1	24		14.67	23.99	23.82		
3+5	1	14	1	0		24.12	24.05	22.64		
3+5	15	0	25	0	64-QAM	23.10	21.69	21.57	14.86	0.0306
3+5	1	0	1	24		14.66	22.89	22.84		
3+5	1	14	1	0		23.98	22.75	22.16		
3+5	15	0	25	0	256-QAM	23.89	19.68	19.18	14.90	0.0309
3+5	1	0	1	24		14.59	19.80	19.15		
3+5	1	14	1	0		24.02	19.81	19.10		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -2.63 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.90	22.81	22.84	22.03	0.1596
10+10	1	0	1	49		15.96	16.16	16.42		
10+10	1	49	1	0		24.62	24.58	24.66		
10+10	50	0	50	0	16-QAM	21.86	21.76	21.85	21.42	0.1387
10+10	1	0	1	49		16.26	16.59	16.75		
10+10	1	49	1	0		24.05	23.91	23.96		
10+10	50	0	50	0	64-QAM	21.81	21.73	21.77	19.36	0.0863
10+10	1	0	1	49		16.25	16.41	16.76		
10+10	1	49	1	0		21.99	21.90	21.95		
10+10	50	0	50	0	256-QAM	19.79	19.65	19.74	17.38	0.0547
10+10	1	0	1	49		16.58	15.98	16.86		
10+10	1	49	1	0		19.96	19.93	20.01		
15+5	75	0	25	0	QPSK	22.54	22.74	22.80	22.08	0.1614
15+5	1	0	1	24		16.09	16.43	16.53		
15+5	1	74	1	0		24.56	24.71	24.66		
15+5	75	0	25	0	16-QAM	21.51	21.73	21.76	21.38	0.1374
15+5	1	0	1	24		16.44	16.58	16.93		
15+5	1	74	1	0		23.99	23.88	24.01		
15+5	75	0	25	0	64-QAM	21.53	21.69	21.68	19.45	0.0881
15+5	1	0	1	24		16.32	16.66	16.83		
15+5	1	74	1	0		21.82	22.08	21.98		
15+5	75	0	25	0	256-QAM	19.46	19.69	19.75	17.31	0.0538
15+5	1	0	1	24		16.24	16.64	16.81		
15+5	1	74	1	0		19.73	19.83	19.94		
5+15	25	0	75	0	QPSK	22.47	22.61	22.76	21.92	0.1556
5+15	1	0	1	74		15.97	16.23	16.39		
5+15	1	24	1	0		24.53	24.55	24.53		
5+15	25	0	75	0	16-QAM	21.46	21.61	21.73	21.24	0.1330
5+15	1	0	1	74		16.15	16.47	16.75		
5+15	1	24	1	0		23.86	23.87	23.86		
5+15	25	0	75	0	64-QAM	21.47	21.55	21.66	19.30	0.0851
5+15	1	0	1	74		16.19	16.45	16.57		
5+15	1	24	1	0		21.75	21.87	21.93		
5+15	25	0	75	0	256-QAM	19.47	19.60	19.72	17.16	0.0520
5+15	1	0	1	74		16.19	16.39	16.57		
5+15	1	24	1	0		19.79	19.73	19.76		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -2.63 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	22.78	22.74	22.73	21.07	0.1279
10+5	1	0	1	24		13.99	14.35	14.48		
10+5	1	49	1	0		23.43	23.70	23.41		
10+5	50	0	25	0	16-QAM	21.75	21.70	21.71	21.37	0.1371
10+5	1	0	1	24		14.29	14.70	14.80		
10+5	1	49	1	0		24.00	23.98	23.96		
10+5	50	0	25	0	64-QAM	21.74	21.71	21.70	19.38	0.0867
10+5	1	0	1	24		14.31	14.60	14.80		
10+5	1	49	1	0		21.87	22.01	21.93		
10+5	50	0	25	0	256-QAM	19.76	19.70	19.70	17.28	0.0535
10+5	1	0	1	24		14.23	14.52	14.75		
10+5	1	49	1	0		19.91	19.89	19.87		
5+10	25	0	50	0	QPSK	22.69	22.64	22.75	21.47	0.1403
5+10	1	0	1	49		14.05	14.40	14.62		
5+10	1	24	1	0		24.10	23.40	23.44		
5+10	25	0	50	0	16-QAM	21.66	21.63	21.73	21.26	0.1337
5+10	1	0	1	49		14.32	14.75	15.04		
5+10	1	24	1	0		23.47	23.86	23.89		
5+10	25	0	50	0	64-QAM	21.64	21.63	21.73	19.27	0.0845
5+10	1	0	1	49		14.39	14.63	14.81		
5+10	1	24	1	0		21.87	21.89	21.90		
5+10	25	0	50	0	256-QAM	19.66	19.66	19.77	17.29	0.0536
5+10	1	0	1	49		14.33	14.58	14.90		
5+10	1	24	1	0		19.89	19.78	19.92		
5+5	25	0	25	0	QPSK	22.70	22.72	22.70	21.97	0.1574
5+5	1	0	1	24		14.40	14.58	14.70		
5+5	1	24	1	0		23.30	24.60	24.46		
5+5	25	0	25	0	16-QAM	21.71	21.68	21.69	21.34	0.1361
5+5	1	0	1	24		14.59	14.98	14.85		
5+5	1	24	1	0		23.89	23.97	23.85		
5+5	25	0	25	0	64-QAM	21.65	21.67	21.67	19.25	0.0841
5+5	1	0	1	24		14.62	14.87	14.90		
5+5	1	24	1	0		21.82	21.88	21.83		
5+5	25	0	25	0	256-QAM	19.70	19.68	19.72	17.22	0.0527
5+5	1	0	1	24		14.70	14.83	14.90		
5+5	1	24	1	0		19.74	19.80	19.85		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.63 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.52	22.55	22.65	21.83	0.1524
20+20	1	0	1	99		16.01	16.18	16.20		
20+20	1	99	1	0		24.46	24.46	23.42		
20+20	100	0	100	0	16-QAM	21.44	21.49	21.58	21.18	0.1312
20+20	1	0	1	99		16.14	16.62	16.47		
20+20	1	99	1	0		23.81	23.66	23.80		
20+20	100	0	100	0	64-QAM	21.45	21.44	21.58	19.24	0.0839
20+20	1	0	1	99		16.24	16.43	16.38		
20+20	1	99	1	0		21.80	21.65	21.87		
20+20	100	0	100	0	256-QAM	19.48	19.42	19.51	17.22	0.0527
20+20	1	0	1	99		16.08	16.37	16.40		
20+20	1	99	1	0		19.72	19.71	19.85		
20+15	100	0	75	0	QPSK	22.60	22.64	22.56	21.79	0.1510
20+15	1	0	1	74		16.06	16.27	16.23		
20+15	1	74	1	0		23.39	23.94	24.42		
20+15	100	0	75	0	16-QAM	21.55	21.57	21.56	21.30	0.1349
20+15	1	0	1	74		16.35	16.65	16.54		
20+15	1	74	1	0		23.93	23.83	22.65		
20+15	100	0	75	0	64-QAM	21.48	21.55	21.59	19.24	0.0839
20+15	1	0	1	74		16.32	16.52	16.51		
20+15	1	74	1	0		21.76	21.76	21.87		
20+15	100	0	75	0	256-QAM	19.53	19.55	19.60	17.15	0.0519
20+15	1	0	1	74		16.31	16.49	16.39		
20+15	1	74	1	0		19.66	19.71	19.78		
15+20	75	0	100	0	QPSK	22.39	22.65	22.66	21.54	0.1426
15+20	1	0	1	99		15.89	16.19	16.19		
15+20	1	74	1	0		24.11	23.41	24.17		
15+20	75	0	100	0	16-QAM	21.32	21.52	21.60	21.38	0.1374
15+20	1	0	1	99		16.19	16.52	16.45		
15+20	1	74	1	0		23.74	23.73	24.01		
15+20	75	0	100	0	64-QAM	21.35	21.47	21.59	19.22	0.0836
15+20	1	0	1	99		16.14	16.48	16.52		
15+20	1	74	1	0		21.69	21.71	21.85		
15+20	75	0	100	0	256-QAM	19.38	19.43	19.54	17.19	0.0524
15+20	1	0	1	99		16.07	16.30	16.40		
15+20	1	74	1	0		19.72	19.64	19.82		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.63 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.71	22.73	22.77	21.66	0.1466
20+10	1	0	1	49		16.22	16.36	16.47		
20+10	1	99	1	0		23.69	23.58	24.29		
20+10	100	0	50	0	16-QAM	21.62	21.67	21.77	21.34	0.1361
20+10	1	0	1	49		16.62	16.76	16.83		
20+10	1	99	1	0		23.96	23.97	23.92		
20+10	100	0	50	0	64-QAM	21.60	21.63	21.76	19.32	0.0855
20+10	1	0	1	49		16.44	16.69	16.78		
20+10	1	99	1	0		21.84	21.84	21.95		
20+10	100	0	50	0	256-QAM	19.54	19.59	19.69	17.26	0.0532
20+10	1	0	1	49		16.32	16.43	16.64		
20+10	1	99	1	0		19.79	19.72	19.89		
10+20	50	0	100	0	QPSK	22.35	22.53	22.70	21.50	0.1413
10+20	1	0	1	99		15.76	16.18	16.26		
10+20	1	49	1	0		23.19	23.70	24.13		
10+20	50	0	100	0	16-QAM	21.25	21.50	21.69	21.35	0.1365
10+20	1	0	1	99		16.08	16.62	16.64		
10+20	1	49	1	0		23.68	22.73	23.98		
10+20	50	0	100	0	64-QAM	21.23	21.52	21.69	19.26	0.0843
10+20	1	0	1	99		16.02	16.43	16.61		
10+20	1	49	1	0		21.56	21.87	21.89		
10+20	50	0	100	0	256-QAM	19.20	19.46	19.60	17.17	0.0521
10+20	1	0	1	99		15.92	16.25	16.38		
10+20	1	49	1	0		19.52	19.80	19.71		
20+5	100	0	25	0	QPSK	22.45	22.57	22.71	21.91	0.1552
20+5	1	0	1	24		16.16	16.34	16.52		
20+5	1	99	1	0		24.54	24.13	24.10		
20+5	100	0	25	0	16-QAM	21.42	21.57	21.72	21.22	0.1324
20+5	1	0	1	24		16.39	16.59	16.85		
20+5	1	99	1	0		23.75	23.83	23.85		
20+5	100	0	25	0	64-QAM	21.48	21.55	21.75	19.23	0.0838
20+5	1	0	1	24		16.34	16.57	16.79		
20+5	1	99	1	0		21.75	21.77	21.86		
20+5	100	0	25	0	256-QAM	19.48	19.50	19.62	17.16	0.0520
20+5	1	0	1	24		16.34	16.48	16.69		
20+5	1	99	1	0		19.69	19.74	19.79		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.63 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.27	22.41	22.61	21.85	0.1531
5+20	1	0	1	99		15.76	15.98	16.19		
5+20	1	24	1	0		23.09	23.33	24.48		
5+20	25	0	100	0	16-QAM	21.24	21.40	21.59	21.17	0.1309
5+20	1	0	1	99		16.03	16.30	16.44		
5+20	1	24	1	0		23.48	23.78	23.80		
5+20	25	0	100	0	64-QAM	21.16	21.38	21.59	19.14	0.0820
5+20	1	0	1	99		15.97	16.28	16.59		
5+20	1	24	1	0		21.50	21.73	21.77		
5+20	25	0	100	0	256-QAM	19.20	19.32	19.53	17.05	0.0507
5+20	1	0	1	99		15.87	16.15	16.30		
5+20	1	24	1	0		19.45	19.62	19.68		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -2.63 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	22.54	22.62	22.81	21.98	0.1578
15+10	1	0	1	49		16.04	16.29	16.50		
15+10	1	74	1	0		24.18	24.61	23.57		
15+10	75	0	50	0	16-QAM	21.48	21.59	21.78	21.28	0.1343
15+10	1	0	1	49		16.33	16.60	16.91		
15+10	1	74	1	0		23.89	23.91	23.84		
15+10	75	0	50	0	64-QAM	21.47	21.57	21.80	19.31	0.0853
15+10	1	0	1	49		16.35	16.51	16.76		
15+10	1	74	1	0		21.70	21.93	21.94		
15+10	75	0	50	0	256-QAM	19.40	19.53	19.66	17.19	0.0524
15+10	1	0	1	49		16.24	16.48	16.57		
15+10	1	74	1	0		19.69	19.78	19.82		
10+15	50	0	75	0	QPSK	22.56	22.57	22.73	21.98	0.1578
10+15	1	0	1	74		16.04	16.20	16.33		
10+15	1	49	1	0		24.24	24.56	24.61		
10+15	50	0	75	0	16-QAM	21.54	21.55	21.72	21.31	0.1352
10+15	1	0	1	74		16.38	16.55	16.63		
10+15	1	49	1	0		23.91	23.90	23.94		
10+15	50	0	75	0	64-QAM	21.56	21.60	21.71	19.23	0.0838
10+15	1	0	1	74		16.22	16.53	16.63		
10+15	1	49	1	0		21.80	21.83	21.86		
10+15	50	0	75	0	256-QAM	19.40	19.42	19.57	17.09	0.0512
10+15	1	0	1	74		16.18	16.21	16.42		
10+15	1	49	1	0		19.66	19.72	19.72		
15+15	75	0	75	0	QPSK	22.46	22.60	22.57	21.93	0.1560
15+15	1	0	1	74		15.98	16.23	16.24		
15+15	1	74	1	0		24.43	24.56	24.42		
15+15	75	0	75	0	16-QAM	21.39	21.50	21.56	21.25	0.1334
15+15	1	0	1	74		16.29	16.56	16.57		
15+15	1	74	1	0		23.83	23.86	23.88		
15+15	75	0	75	0	64-QAM	21.37	21.50	21.55	19.19	0.0830
15+15	1	0	1	74		16.25	16.44	16.53		
15+15	1	74	1	0		21.69	21.77	21.82		
15+15	75	0	75	0	256-QAM	19.38	19.46	19.53	17.09	0.0512
15+15	1	0	1	74		16.19	16.29	16.39		
15+15	1	74	1	0		19.68	19.72	19.70		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.12	21.18	21.16	16.18	0.0415
20+20	1	0	1	99		13.69	13.82	14.21		
20+20	1	99	1	0		14.15	14.26	14.07		
20+20	100	0	100	0	16-QAM	20.12	20.18	20.01	15.18	0.0330
20+20	1	0	1	99		12.98	13.38	13.60		
20+20	1	99	1	0		13.76	13.58	13.54		
20+20	100	0	100	0	64-QAM	20.69	20.72	20.61	15.72	0.0373
20+20	1	0	1	99		10.15	10.44	10.66		
20+20	1	99	1	0		10.65	10.64	10.65		
20+20	100	0	100	0	256-QAM	19.57	19.64	19.48	14.64	0.0291
20+20	1	0	1	99		7.25	8.14	7.81		
20+20	1	99	1	0		8.14	8.13	7.86		
20+15	100	0	75	0	QPSK	21.10	21.19	21.09	16.19	0.0416
20+15	1	0	1	74		13.84	14.04	14.26		
20+15	1	99	1	0		14.08	14.20	14.02		
20+15	100	0	75	0	16-QAM	20.10	20.22	19.93	15.22	0.0333
20+15	1	0	1	74		13.19	13.59	13.76		
20+15	1	99	1	0		13.65	13.59	13.61		
20+15	100	0	75	0	64-QAM	20.64	20.79	20.60	15.79	0.0379
20+15	1	0	1	74		10.30	10.61	10.92		
20+15	1	99	1	0		10.61	10.61	10.72		
20+15	100	0	75	0	256-QAM	19.61	19.71	19.57	14.71	0.0296
20+15	1	0	1	74		7.18	7.79	7.69		
20+15	1	99	1	0		8.18	7.50	8.11		
15+20	75	0	100	0	QPSK	20.99	21.15	21.14	16.15	0.0412
15+20	1	0	1	99		13.81	13.86	14.24		
15+20	1	74	1	0		14.03	14.28	14.14		
15+20	75	0	100	0	16-QAM	20.15	20.14	20.10	15.15	0.0327
15+20	1	0	1	99		13.12	13.50	13.57		
15+20	1	74	1	0		13.65	13.65	13.72		
15+20	75	0	100	0	64-QAM	20.69	20.70	20.64	15.70	0.0372
15+20	1	0	1	99		10.22	10.46	10.76		
15+20	1	74	1	0		10.72	10.60	10.80		
15+20	75	0	100	0	256-QAM	19.60	19.58	19.53	14.60	0.0288
15+20	1	0	1	99		7.14	7.72	7.70		
15+20	1	74	1	0		7.69	7.72	7.93		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.30	21.38	21.15	16.38	0.0435
20+10	1	0	1	49		14.04	14.17	14.41		
20+10	1	99	1	0		14.22	14.28	14.30		
20+10	100	0	50	0	16-QAM	20.09	20.22	20.22	15.22	0.0333
20+10	1	0	1	49		13.51	13.57	13.87		
20+10	1	99	1	0		13.89	13.70	13.89		
20+10	100	0	50	0	64-QAM	20.63	20.74	20.82	15.82	0.0382
20+10	1	0	1	49		10.47	10.54	11.02		
20+10	1	99	1	0		10.77	10.83	10.82		
20+10	100	0	50	0	256-QAM	19.55	19.61	19.69	14.69	0.0294
20+10	1	0	1	49		7.23	7.89	7.80		
20+10	1	99	1	0		8.13	7.48	8.23		
10+20	50	0	100	0	QPSK	21.15	21.34	21.23	16.34	0.0431
10+20	1	0	1	99		13.80	14.03	14.33		
10+20	1	49	1	0		14.01	14.40	14.16		
10+20	50	0	100	0	16-QAM	20.01	20.22	20.21	15.22	0.0333
10+20	1	0	1	99		13.12	13.61	13.90		
10+20	1	49	1	0		13.49	13.82	13.80		
10+20	50	0	100	0	64-QAM	20.56	20.72	20.83	15.83	0.0383
10+20	1	0	1	99		10.20	10.65	10.99		
10+20	1	49	1	0		10.70	10.78	10.80		
10+20	50	0	100	0	256-QAM	19.48	19.57	19.64	14.64	0.0291
10+20	1	0	1	99		7.12	8.39	7.64		
10+20	1	49	1	0		6.92	8.18	7.96		
15+15	75	0	75	0	QPSK	21.13	21.17	21.14	16.17	0.0414
15+15	1	0	1	74		13.89	14.03	14.23		
15+15	1	74	1	0		14.11	14.34	14.17		
15+15	75	0	75	0	16-QAM	19.99	20.17	19.92	15.17	0.0329
15+15	1	0	1	74		13.39	13.67	13.79		
15+15	1	74	1	0		13.71	13.76	13.75		
15+15	75	0	75	0	64-QAM	20.63	20.73	20.67	15.73	0.0374
15+15	1	0	1	74		10.38	10.61	10.86		
15+15	1	74	1	0		10.86	10.75	10.73		
15+15	75	0	75	0	256-QAM	19.56	19.63	19.53	14.63	0.0290
15+15	1	0	1	74		7.24	8.46	7.60		
15+15	1	74	1	0		7.57	8.09	8.03		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	20.92	21.21	21.09	16.21	0.0418
15+10	1	0	1	49		13.77	14.05	14.22		
15+10	1	74	1	0		13.92	14.22	14.19		
15+10	75	0	50	0	16-QAM	19.89	20.19	20.01	15.19	0.0330
15+10	1	0	1	49		13.27	13.42	13.70		
15+10	1	74	1	0		13.47	13.66	13.53		
15+10	75	0	50	0	64-QAM	20.59	20.71	20.64	15.71	0.0372
15+10	1	0	1	49		10.44	10.48	10.83		
15+10	1	74	1	0		10.68	10.55	10.51		
15+10	75	0	50	0	256-QAM	19.48	19.61	19.59	14.61	0.0289
15+10	1	0	1	49		7.17	8.24	7.89		
15+10	1	74	1	0		7.64	8.05	8.14		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -5.22 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	22.01	21.95	21.95	16.79	0.0478
20+20	1	0	1	99		14.00	13.99	13.96		
20+20	1	99	1	0		13.90	13.85	13.85		
20+20	100	0	100	0	16-QAM	21.03	21.01	20.99	15.81	0.0381
20+20	1	0	1	99		14.48	14.48	14.60		
20+20	1	99	1	0		14.43	14.29	14.48		
20+20	100	0	100	0	64-QAM	20.99	20.97	20.97	15.77	0.0378
20+20	1	0	1	99		12.44	12.38	12.24		
20+20	1	99	1	0		12.32	12.04	12.12		
20+20	100	0	100	0	256-QAM	19.06	19.02	18.98	13.84	0.0242
20+20	1	0	1	99		9.39	9.65	9.26		
20+20	1	99	1	0		9.27	9.53	9.28		
15+15	75	0	75	0	QPSK	22.01	22.00	21.91	16.79	0.0478
15+15	1	0	1	74		13.98	13.95	13.91		
15+15	1	74	1	0		13.90	13.90	13.79		
15+15	75	0	75	0	16-QAM	21.00	20.99	20.92	15.78	0.0378
15+15	1	0	1	74		14.58	14.59	14.50		
15+15	1	74	1	0		14.35	14.49	14.43		
15+15	75	0	75	0	64-QAM	21.01	21.00	20.97	15.79	0.0379
15+15	1	0	1	74		12.33	12.39	12.36		
15+15	1	74	1	0		12.20	12.31	12.08		
15+15	75	0	75	0	256-QAM	19.07	19.04	18.97	13.85	0.0243
15+15	1	0	1	74		9.38	9.20	9.15		
15+15	1	74	1	0		9.30	9.21	9.05		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	20.98	20.91	20.63	15.98	0.0396
20+20	1	0	1	99		14.80	14.83	14.58		
20+20	1	99	1	0		14.95	14.74	14.48		
20+20	100	0	100	0	16-QAM	20.99	20.90	20.64	15.99	0.0397
20+20	1	0	1	99		15.45	15.62	15.52		
20+20	1	99	1	0		15.73	15.44	15.32		
20+20	100	0	100	0	64-QAM	20.84	20.82	20.69	15.84	0.0384
20+20	1	0	1	99		13.11	13.20	13.17		
20+20	1	99	1	0		13.43	13.02	13.10		
20+20	100	0	100	0	256-QAM	19.17	19.09	18.83	14.17	0.0261
20+20	1	0	1	99		8.78	8.92	8.80		
20+20	1	99	1	0		9.21	8.79	8.81		
20+15	100	0	75	0	QPSK	20.93	20.83	20.59	15.93	0.0392
20+15	1	0	1	74		14.79	14.85	14.59		
20+15	1	99	1	0		15.00	14.77	14.50		
20+15	100	0	75	0	16-QAM	20.95	20.84	20.62	15.95	0.0394
20+15	1	0	1	74		15.44	15.86	15.42		
20+15	1	99	1	0		15.51	15.58	15.20		
20+15	100	0	75	0	64-QAM	20.89	20.90	20.69	15.90	0.0389
20+15	1	0	1	74		13.26	13.36	13.09		
20+15	1	99	1	0		13.42	13.19	12.98		
20+15	100	0	75	0	256-QAM	19.17	19.09	18.78	14.17	0.0261
20+15	1	0	1	74		9.11	9.06	8.72		
20+15	1	99	1	0		9.08	8.84	8.67		
15+20	75	0	100	0	QPSK	21.08	20.80	20.61	16.08	0.0406
15+20	1	0	1	99		14.88	14.90	14.64		
15+20	1	74	1	0		14.95	14.84	14.53		
15+20	75	0	100	0	16-QAM	21.09	20.99	20.75	16.09	0.0406
15+20	1	0	1	99		15.47	15.74	15.46		
15+20	1	74	1	0		15.73	15.69	15.15		
15+20	75	0	100	0	64-QAM	21.06	20.87	20.64	16.06	0.0404
15+20	1	0	1	99		13.08	13.21	12.86		
15+20	1	74	1	0		13.20	13.14	12.66		
15+20	75	0	100	0	256-QAM	19.16	19.08	18.84	14.16	0.0261
15+20	1	0	1	99		9.11	9.05	8.78		
15+20	1	74	1	0		8.98	9.21	8.91		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.15	20.99	20.68	16.15	0.0412
20+10	1	0	1	49		14.97	15.04	14.86		
20+10	1	99	1	0		15.05	14.96	14.54		
20+10	100	0	50	0	16-QAM	21.16	21.10	20.81	16.16	0.0413
20+10	1	0	1	49		15.83	15.87	15.65		
20+10	1	99	1	0		15.78	15.67	15.38		
20+10	100	0	50	0	64-QAM	21.13	20.99	20.88	16.13	0.0410
20+10	1	0	1	49		13.43	13.35	13.19		
20+10	1	99	1	0		13.46	13.37	13.13		
20+10	100	0	50	0	256-QAM	19.18	19.09	18.81	14.18	0.0262
20+10	1	0	1	49		8.87	9.00	8.70		
20+10	1	99	1	0		9.26	8.82	8.60		
10+20	50	0	100	0	QPSK	21.04	20.99	20.79	16.04	0.0402
10+20	1	0	1	99		14.95	15.04	14.67		
10+20	1	49	1	0		14.97	14.82	14.55		
10+20	50	0	100	0	16-QAM	21.14	21.00	20.76	16.14	0.0411
10+20	1	0	1	99		15.74	15.79	15.42		
10+20	1	49	1	0		15.77	15.70	15.48		
10+20	50	0	100	0	64-QAM	21.10	21.07	20.70	16.10	0.0407
10+20	1	0	1	99		13.19	13.24	12.87		
10+20	1	49	1	0		13.20	13.13	12.72		
10+20	50	0	100	0	256-QAM	19.15	19.09	18.86	14.15	0.0260
10+20	1	0	1	99		8.91	8.94	9.03		
10+20	1	49	1	0		8.74	8.89	8.70		
20+5	100	0	25	0	QPSK	21.03	20.93	20.62	16.03	0.0401
20+5	1	0	1	24		14.93	14.91	14.65		
20+5	1	99	1	0		14.98	14.83	14.47		
20+5	100	0	25	0	16-QAM	21.08	20.95	20.66	16.08	0.0406
20+5	1	0	1	24		15.68	15.73	15.50		
20+5	1	99	1	0		15.60	15.72	15.15		
20+5	100	0	25	0	64-QAM	21.03	20.92	20.65	16.03	0.0401
20+5	1	0	1	24		13.36	13.25	13.10		
20+5	1	99	1	0		13.30	13.14	12.95		
20+5	100	0	25	0	256-QAM	19.14	19.06	18.67	14.14	0.0259
20+5	1	0	1	24		9.17	8.97	8.60		
20+5	1	99	1	0		8.91	8.80	8.40		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	20.90	20.79	20.49	15.90	0.0389
5+20	1	0	1	99		14.82	14.74	14.52		
5+20	1	24	1	0		14.81	14.68	14.44		
5+20	25	0	100	0	16-QAM	20.96	20.88	20.66	15.96	0.0394
5+20	1	0	1	99		15.38	15.49	15.32		
5+20	1	24	1	0		15.48	15.38	15.14		
5+20	25	0	100	0	64-QAM	20.91	20.79	20.62	15.91	0.0390
5+20	1	0	1	99		13.00	13.07	12.62		
5+20	1	24	1	0		13.08	12.94	12.77		
5+20	25	0	100	0	256-QAM	19.12	19.02	18.80	14.12	0.0258
5+20	1	0	1	99		9.15	8.65	8.63		
5+20	1	24	1	0		8.80	8.89	8.67		
15+10	75	0	50	0	QPSK	21.10	20.96	20.65	16.10	0.0407
15+10	1	0	1	49		15.03	14.93	14.72		
15+10	1	74	1	0		15.05	14.97	14.59		
15+10	75	0	50	0	16-QAM	21.22	21.09	20.80	16.22	0.0419
15+10	1	0	1	49		15.78	15.66	15.41		
15+10	1	74	1	0		15.74	15.62	15.22		
15+10	75	0	50	0	64-QAM	21.11	21.07	20.73	16.11	0.0408
15+10	1	0	1	49		13.34	13.12	13.06		
15+10	1	74	1	0		13.27	13.06	12.91		
15+10	75	0	50	0	256-QAM	19.16	19.07	18.70	14.16	0.0261
15+10	1	0	1	49		8.95	9.08	8.52		
15+10	1	74	1	0		9.14	9.18	8.55		
10+15	50	0	75	0	QPSK	21.04	20.93	20.60	16.04	0.0402
10+15	1	0	1	74		14.88	14.88	14.58		
10+15	1	49	1	0		14.92	14.82	14.54		
10+15	50	0	75	0	16-QAM	21.11	20.97	20.63	16.11	0.0408
10+15	1	0	1	74		15.56	15.38	15.30		
10+15	1	49	1	0		15.60	15.44	15.20		
10+15	50	0	75	0	64-QAM	21.07	20.95	20.63	16.07	0.0405
10+15	1	0	1	74		13.18	13.16	12.84		
10+15	1	49	1	0		13.20	13.11	12.76		
10+15	50	0	75	0	256-QAM	19.16	19.07	18.74	14.16	0.0261
10+15	1	0	1	74		9.13	8.87	8.85		
10+15	1	49	1	0		8.98	8.68	8.71		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG3D2001B

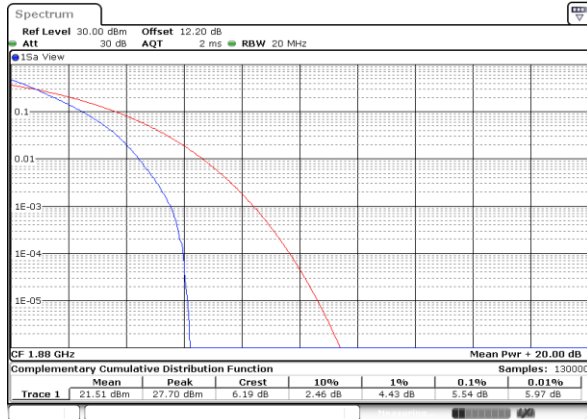
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -5 dB)										
15+15	75	0	75	0	QPSK	21.10	21.05	20.52	16.10	0.0407
15+15	1	0	1	74		14.86	14.99	14.57		
15+15	1	74	1	0		14.94	14.90	14.55		
15+15	75	0	75	0	16-QAM	21.19	21.03	20.70	16.19	0.0416
15+15	1	0	1	74		15.54	15.66	15.45		
15+15	1	74	1	0		15.52	15.51	15.20		
15+15	75	0	75	0	64-QAM	21.18	20.97	20.66	16.18	0.0415
15+15	1	0	1	74		13.11	13.26	12.96		
15+15	1	74	1	0		13.24	13.21	12.74		
15+15	75	0	75	0	256-QAM	19.17	19.09	18.82	14.17	0.0261
15+15	1	0	1	74		9.17	9.00	9.07		
15+15	1	74	1	0		9.28	8.92	8.71		
Limit	EIRP < 2W					Result			Pass	



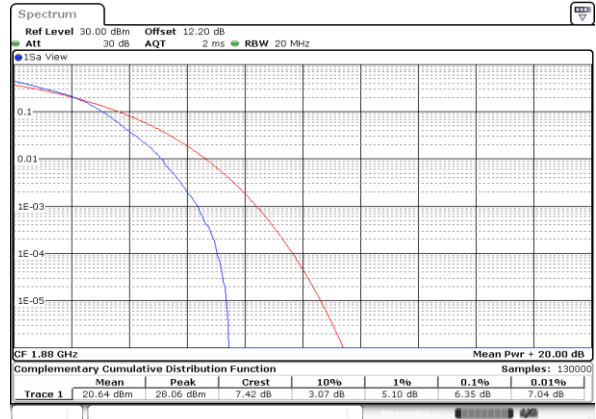
LTE Band 2

Peak-to-Average Ratio

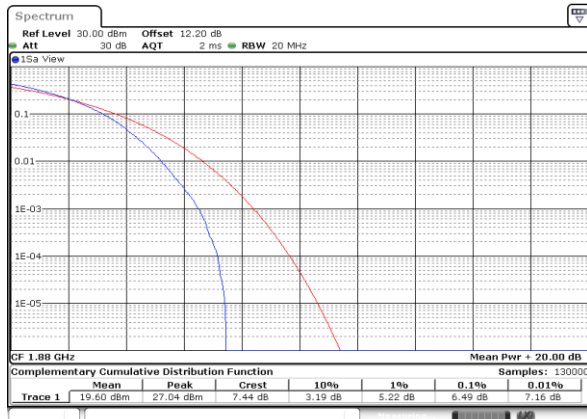
Mode	LTE Band 2 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.54	6.35	6.49	6.70	PASS

LTE Band 2 / 20MHz / QPSK
Middle Channel / Full RB


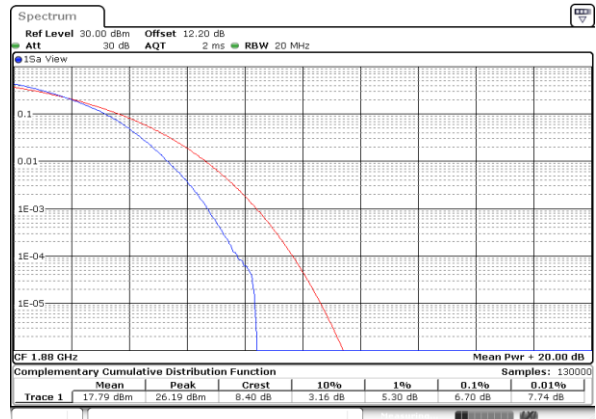
Date: 27.FEB.2024 00:46:42

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


Date: 27.FEB.2024 00:46:18

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


Date: 27.FEB.2024 00:47:05

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


Date: 27.FEB.2024 01:13:140

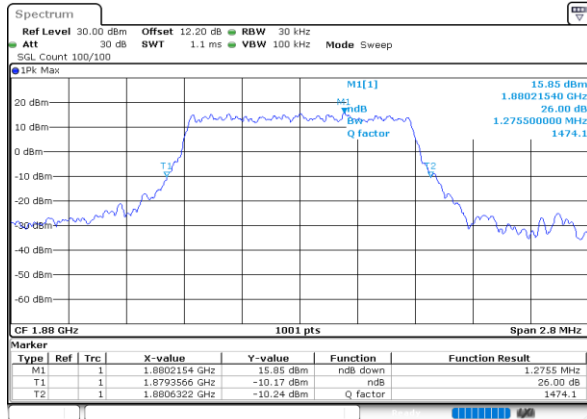
**26dB Bandwidth**

Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.29	3.10	3.02	4.98	5.04	10.02	9.94	14.65	14.44	19.26	19.34
Mode	LTE Band 2 : 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	1.30	1.29	3.05	3.02	5.11	5.07	9.81	10.02	14.74	14.44	19.22	18.90

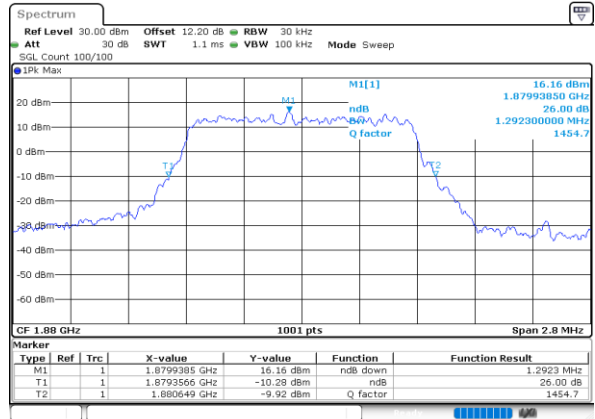


LTE Band 2

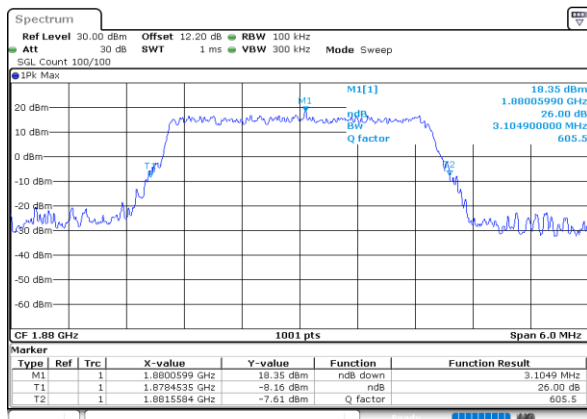
Middle Channel / 1.4MHz / QPSK



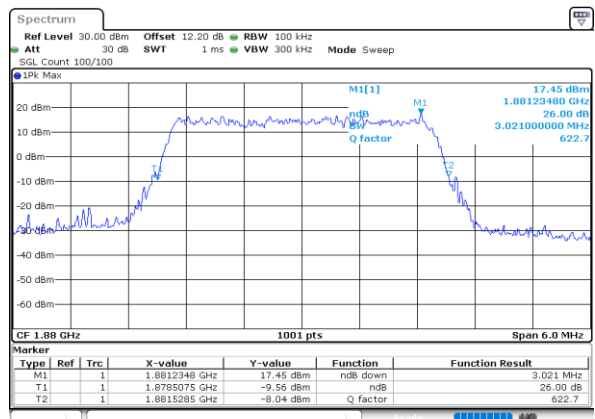
Middle Channel / 1.4MHz / 16QAM



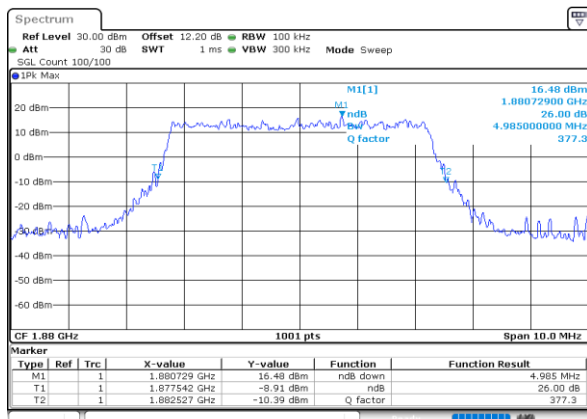
Middle Channel / 3MHz / QPSK



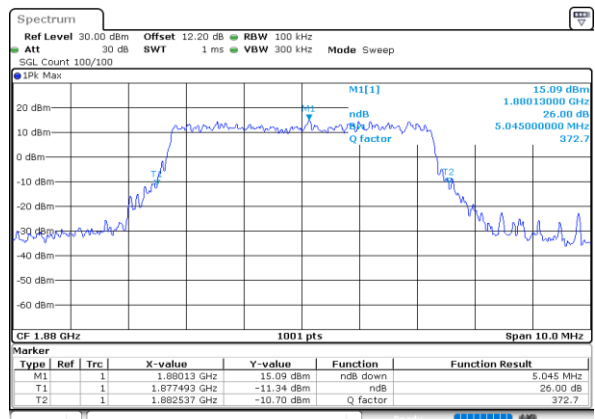
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



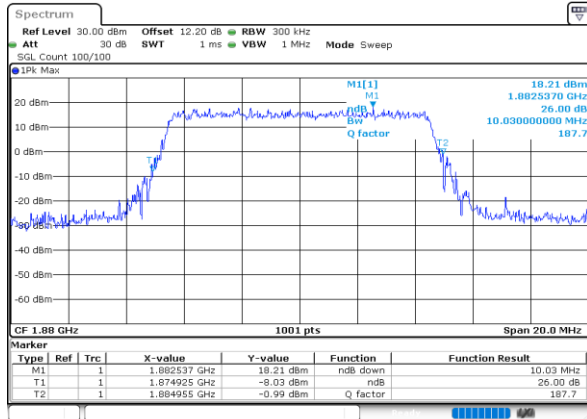
Middle Channel / 5MHz / 16QAM



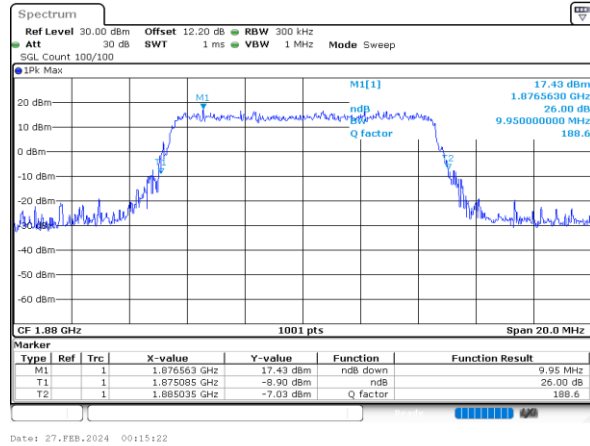


LTE Band 2

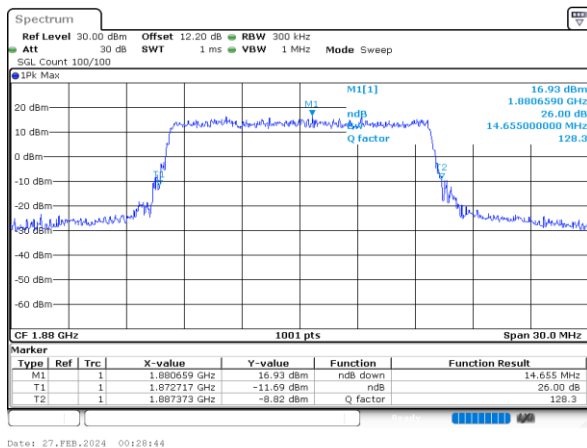
Middle Channel / 10MHz / QPSK



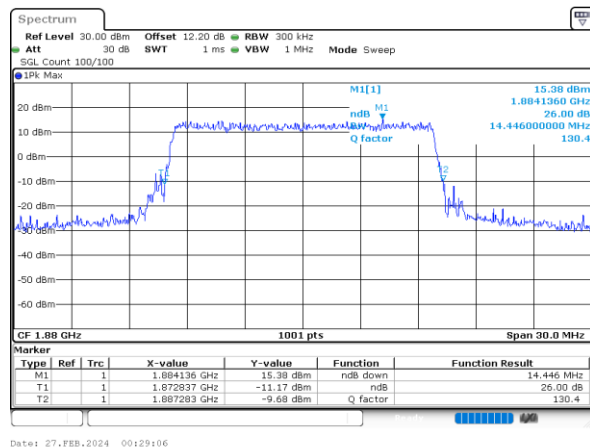
Middle Channel / 10MHz / 16QAM



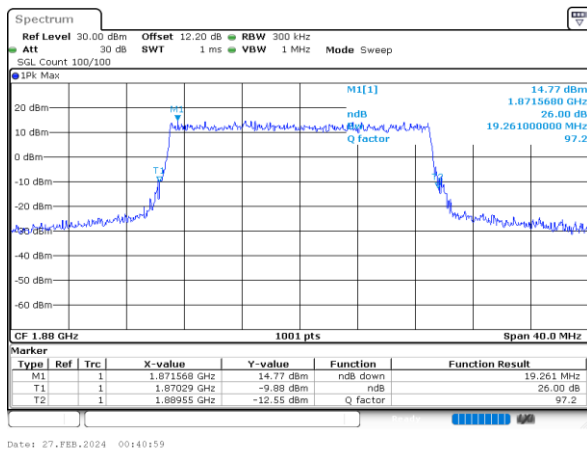
Middle Channel / 15MHz / QPSK



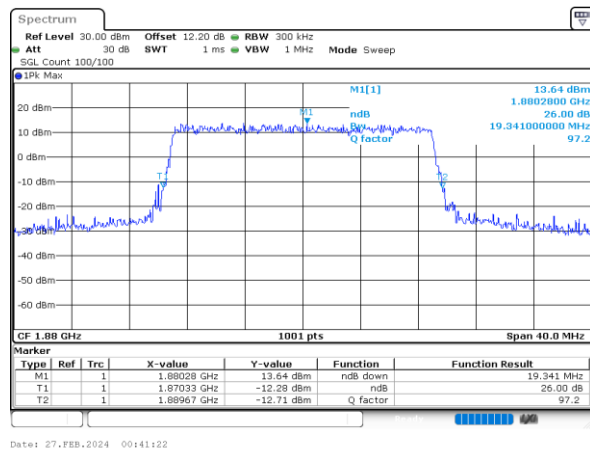
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



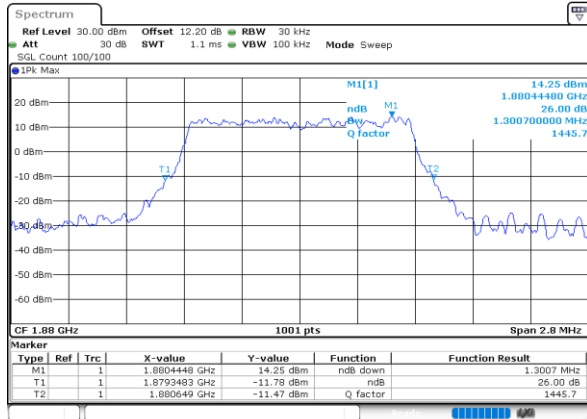
Middle Channel / 20MHz / 16QAM



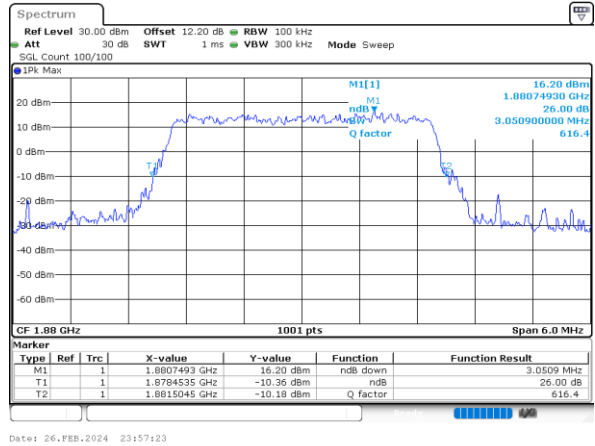


LTE Band 2

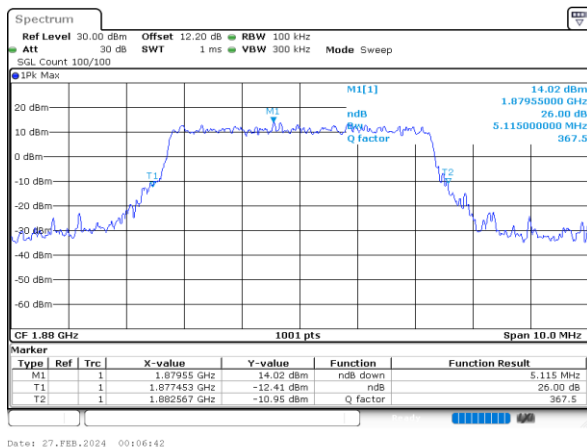
Middle Channel / 1.4MHz / 64QAM



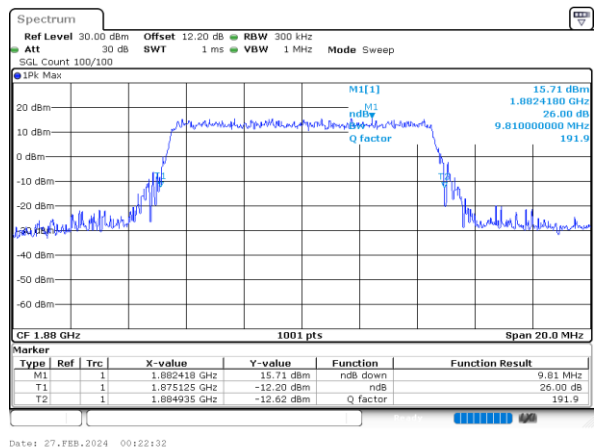
Middle Channel / 3MHz / 64QAM



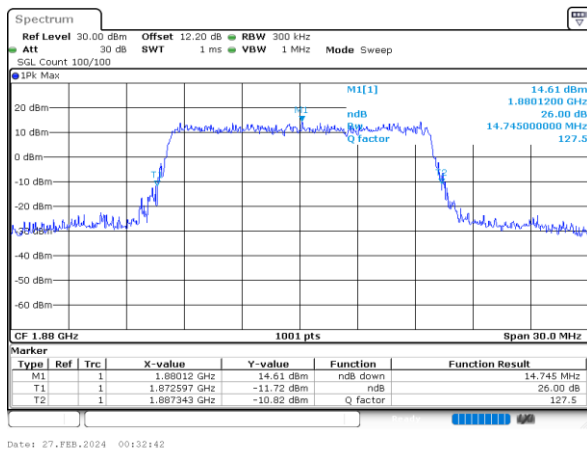
Middle Channel / 5MHz / 64QAM



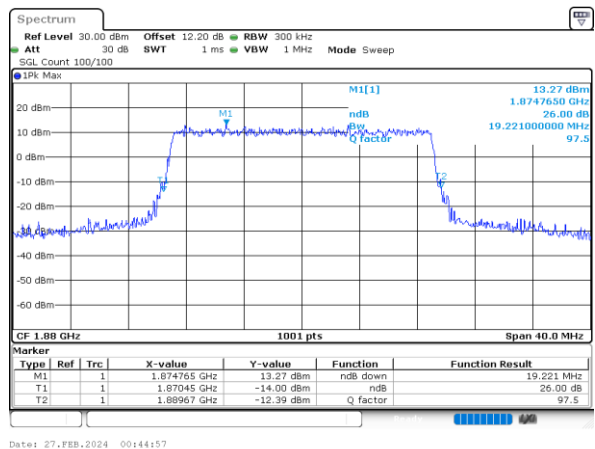
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



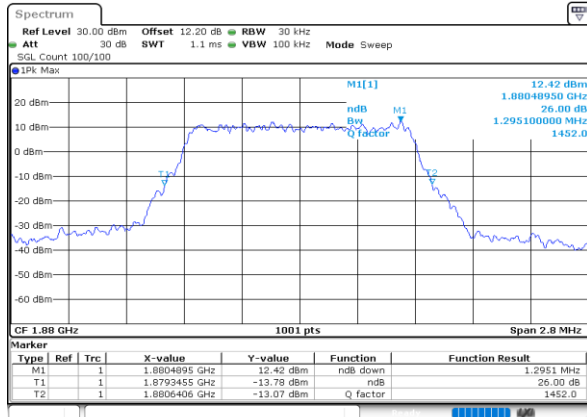
Middle Channel / 20MHz / 64QAM



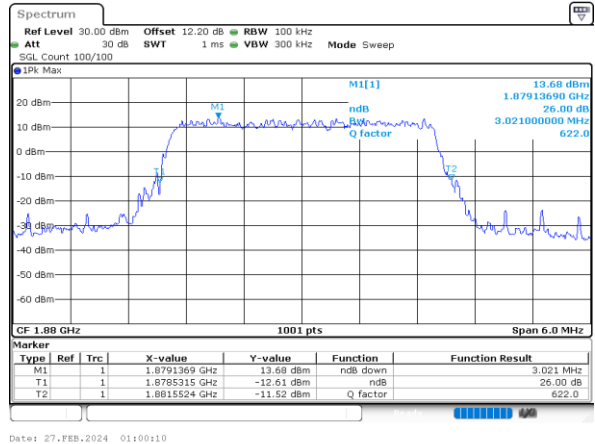


LTE Band 2

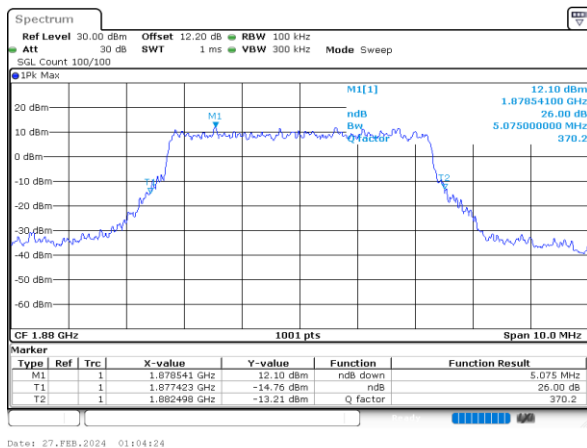
Middle Channel / 1.4MHz / 256QAM



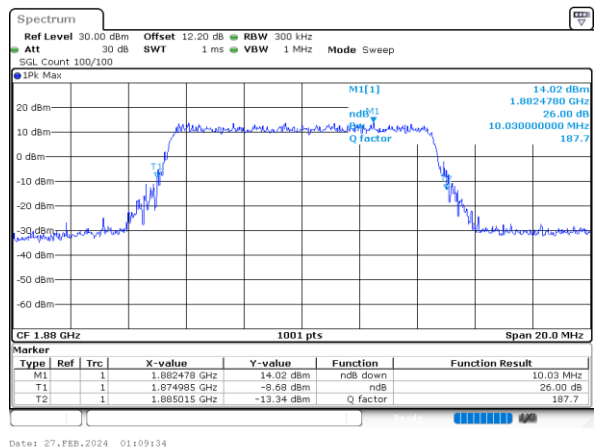
Middle Channel / 3MHz / 256QAM



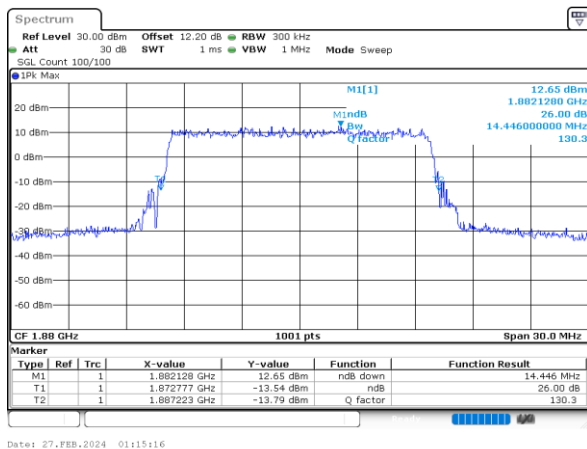
Middle Channel / 5MHz / 256QAM



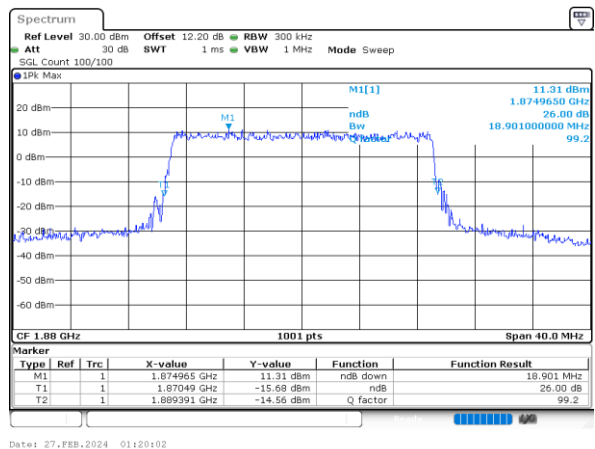
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



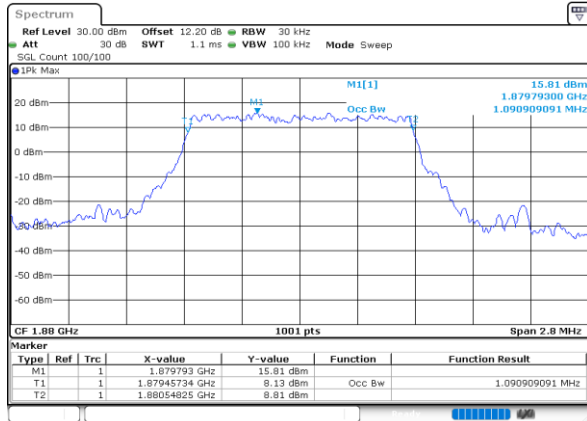
**Occupied Bandwidth**

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.09	2.73	2.72	4.52	4.48	9.03	9.09	13.45	13.45	17.94	17.86
Mode	LTE Band 2 : 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	1.09	1.10	2.72	2.73	4.52	4.50	9.05	9.07	13.54	13.48	17.94	17.90

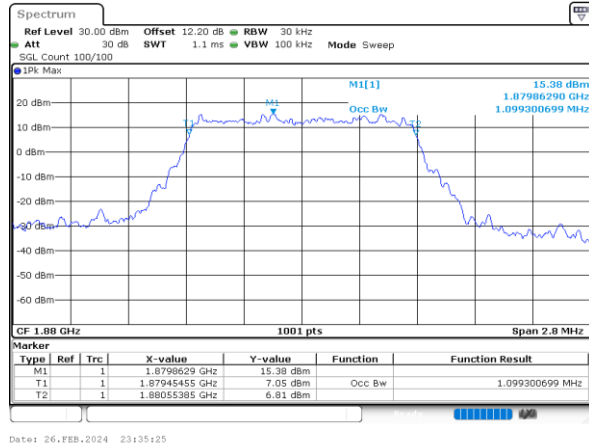


LTE Band 2

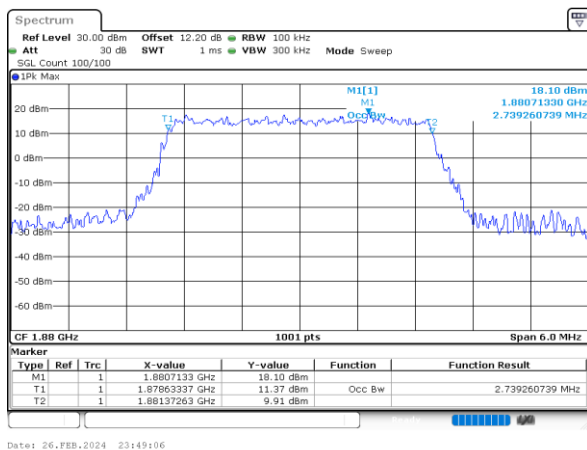
Middle Channel / 1.4MHz / QPSK



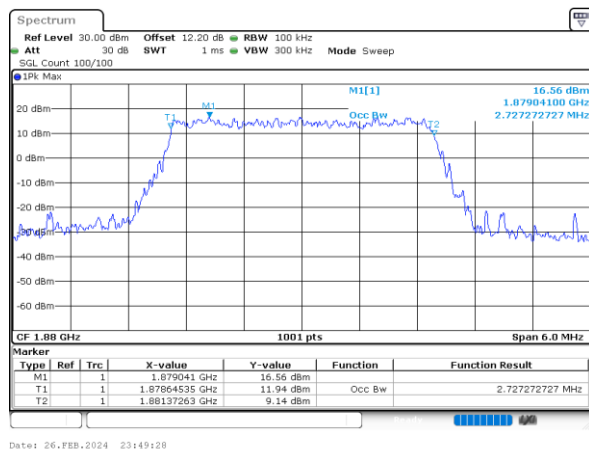
Middle Channel / 1.4MHz / 16QAM



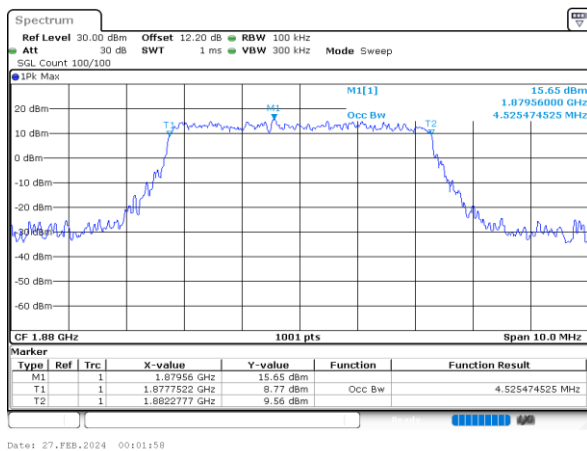
Middle Channel / 3MHz / QPSK



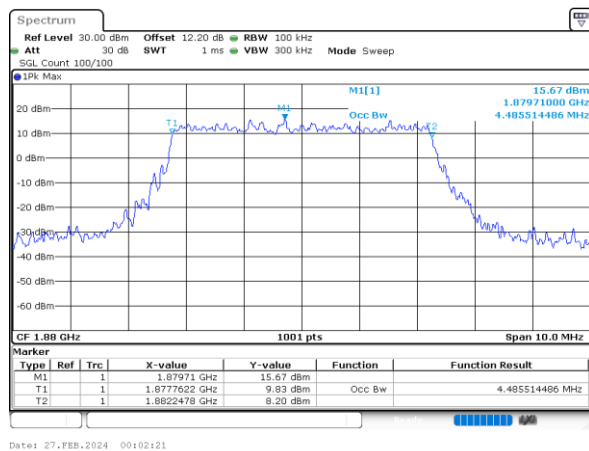
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



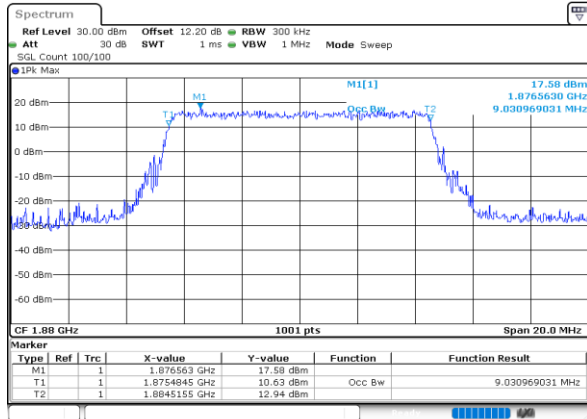
Middle Channel / 5MHz / 16QAM



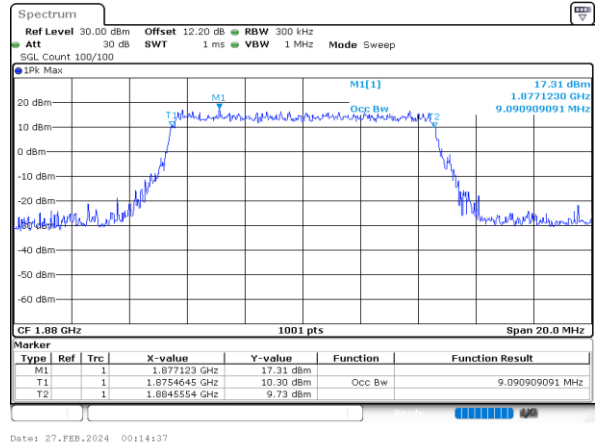


LTE Band 2

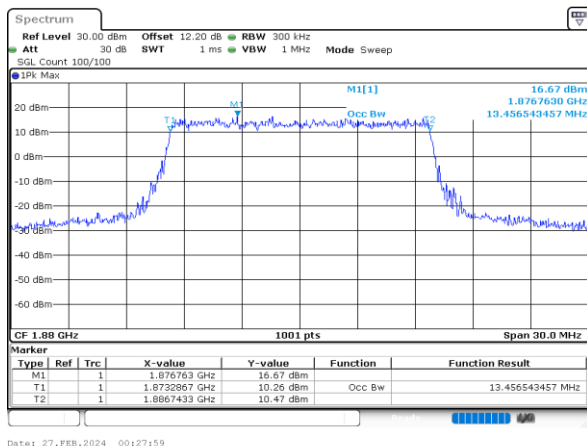
Middle Channel / 10MHz / QPSK



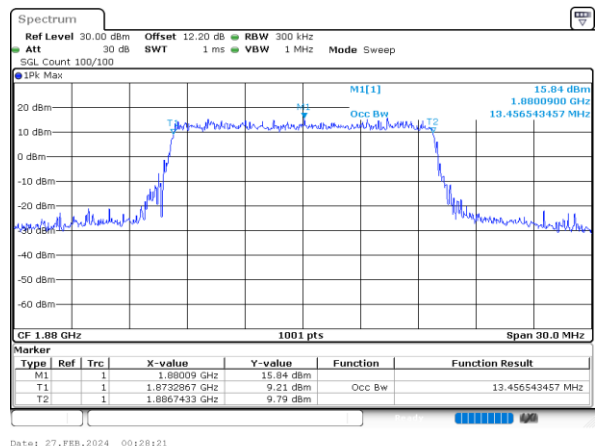
Middle Channel / 10MHz / 16QAM



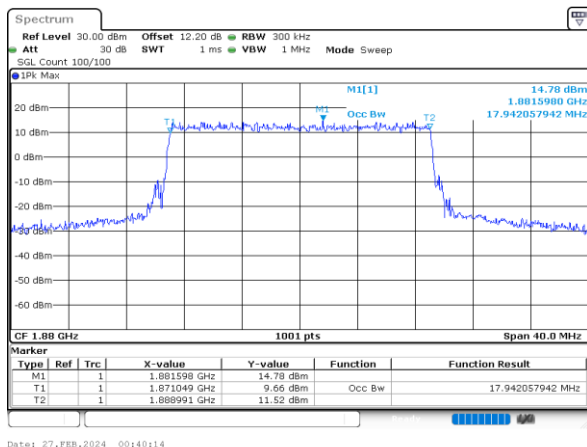
Middle Channel / 15MHz / QPSK



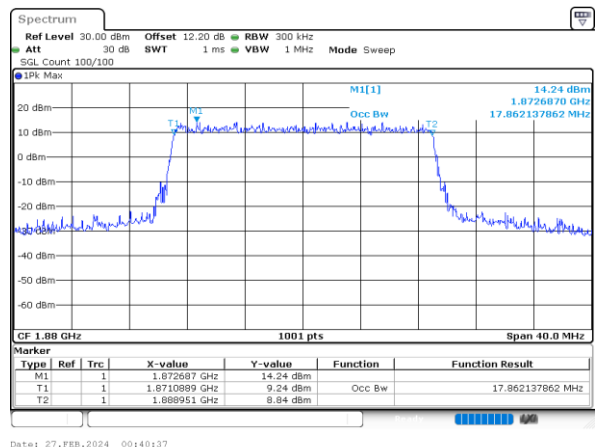
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



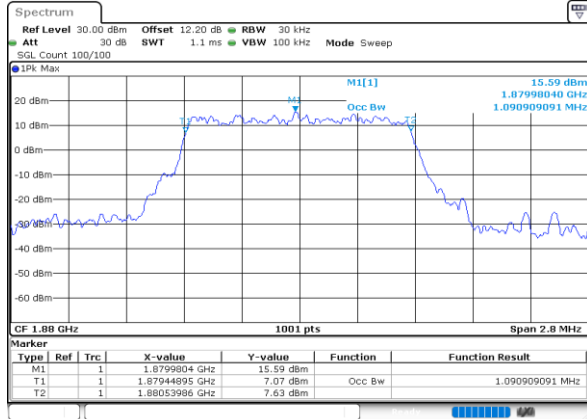
Middle Channel / 20MHz / 16QAM



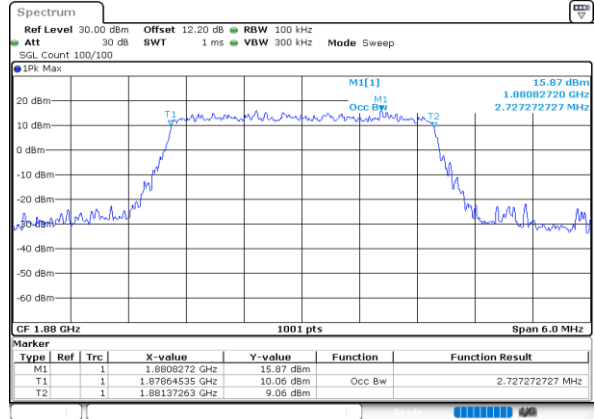


LTE Band 2

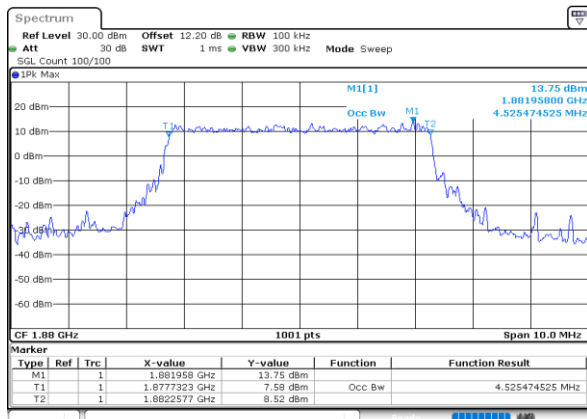
Middle Channel / 1.4MHz / 64QAM



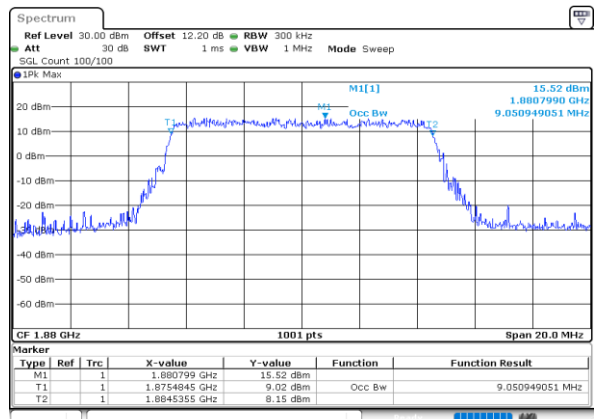
Middle Channel / 3MHz / 64QAM



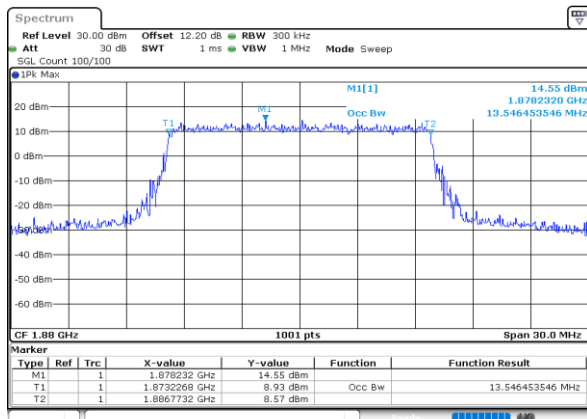
Middle Channel / 5MHz / 64QAM



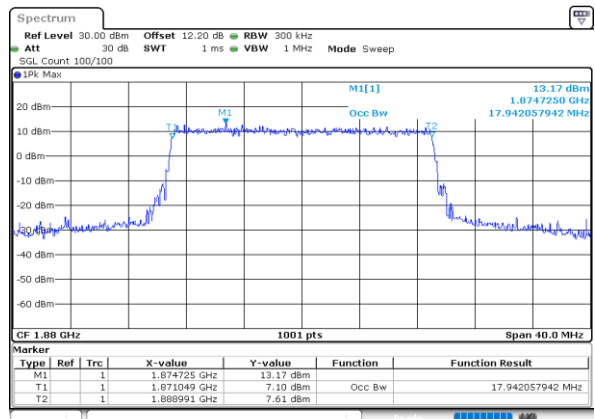
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



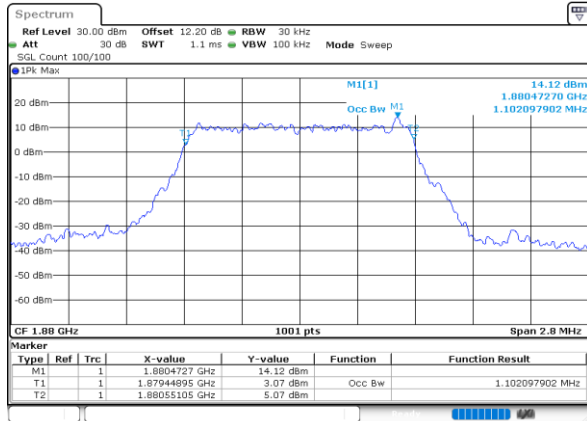
Middle Channel / 20MHz / 64QAM



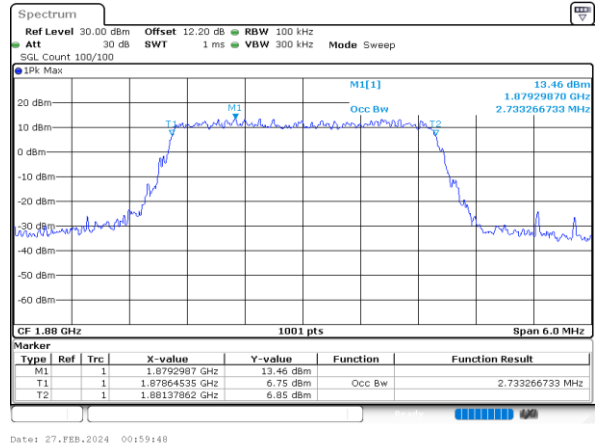


LTE Band 2

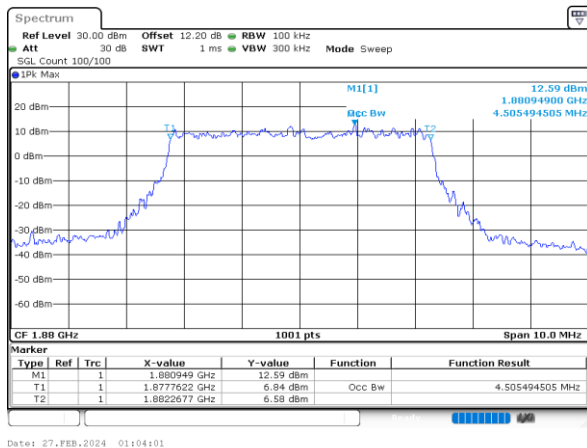
Middle Channel / 1.4MHz / 256QAM



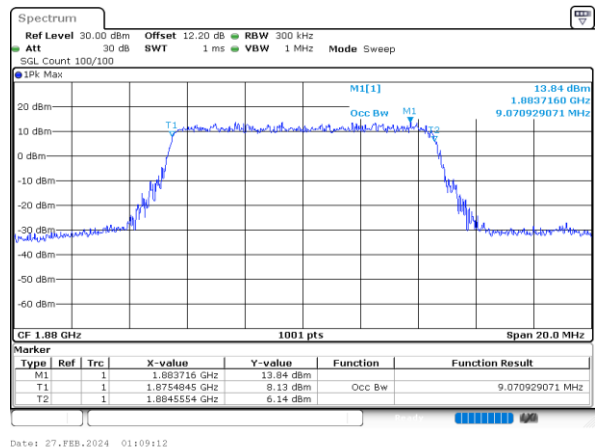
Middle Channel / 3MHz / 256QAM



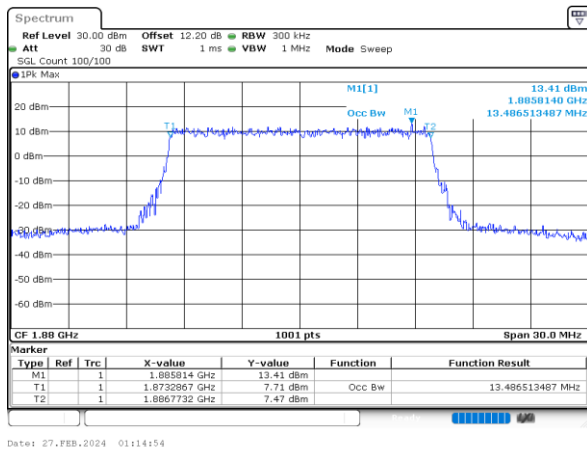
Middle Channel / 5MHz / 256QAM



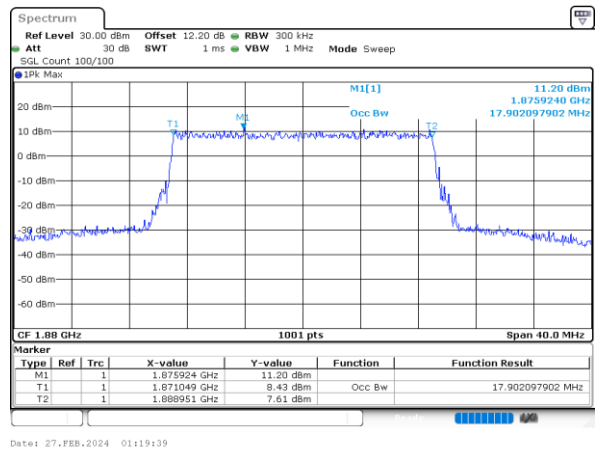
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

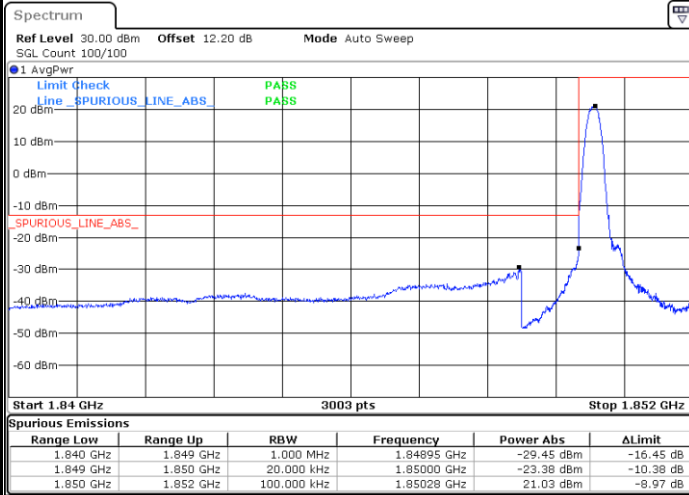




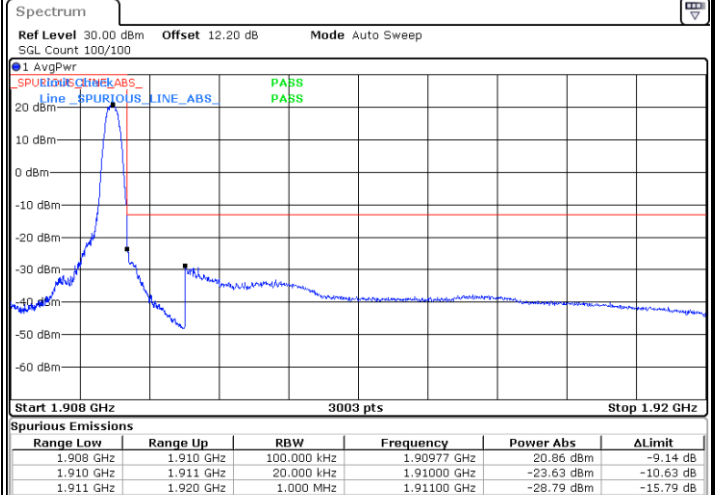
Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

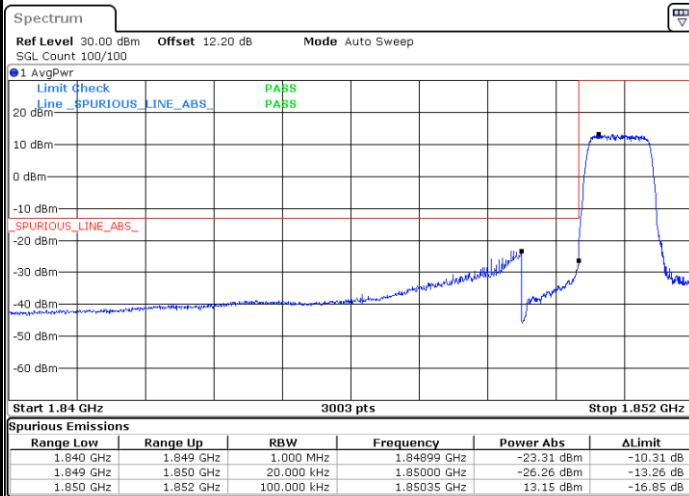
Lowest Band Edge / 1RB



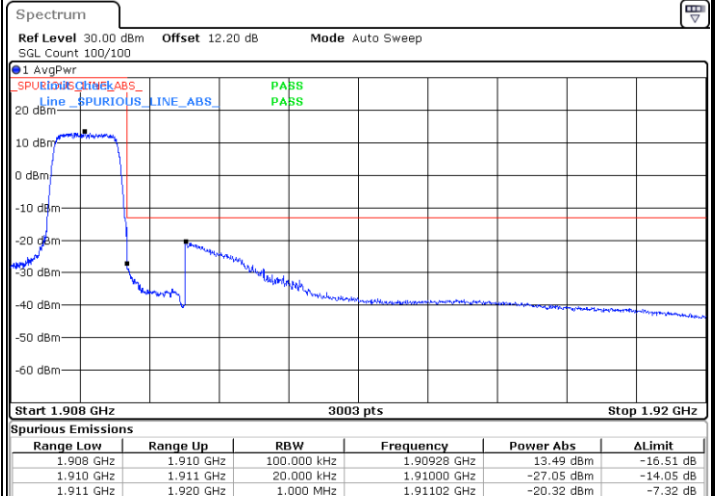
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



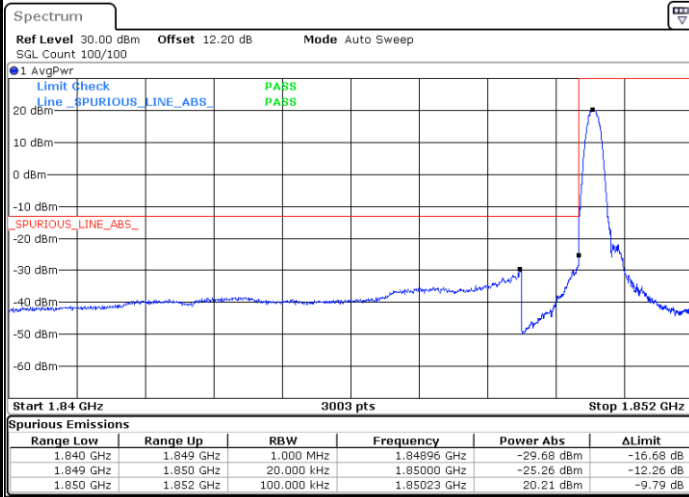
Highest Band Edge / Full RB



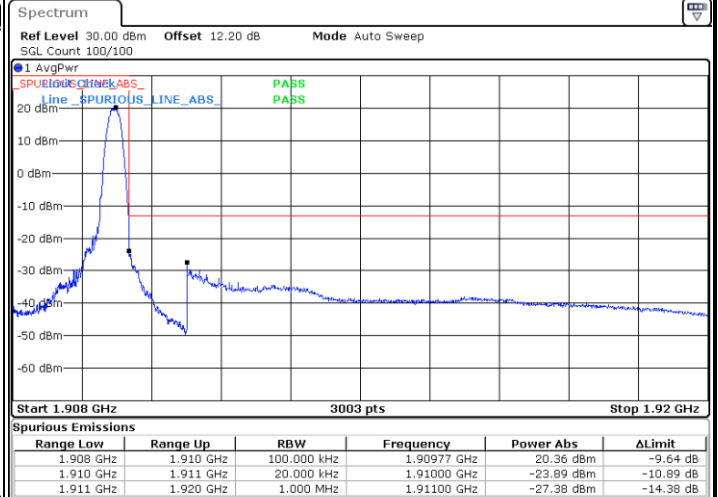


LTE Band 2 / 1.4MHz / 16QAM

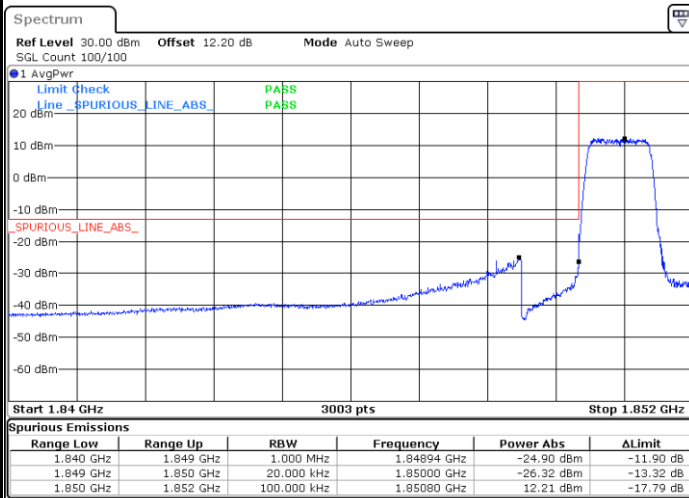
Lowest Band Edge / 1 RB



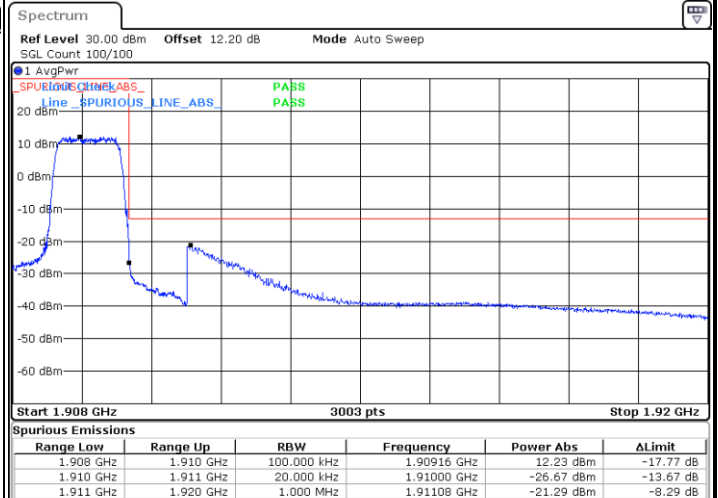
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



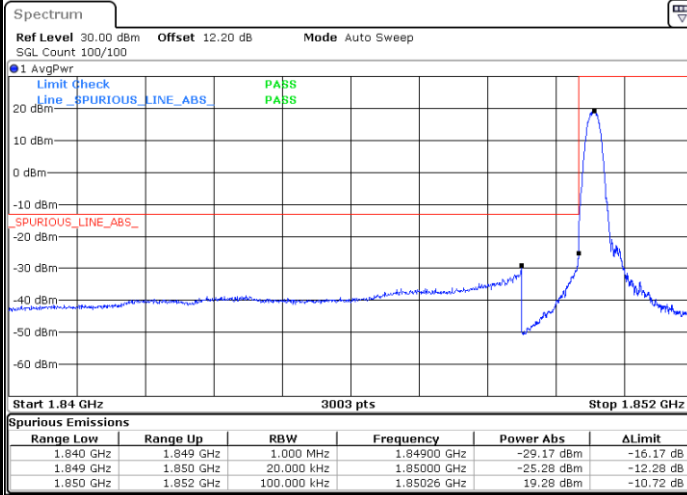
Highest Band Edge / Full RB



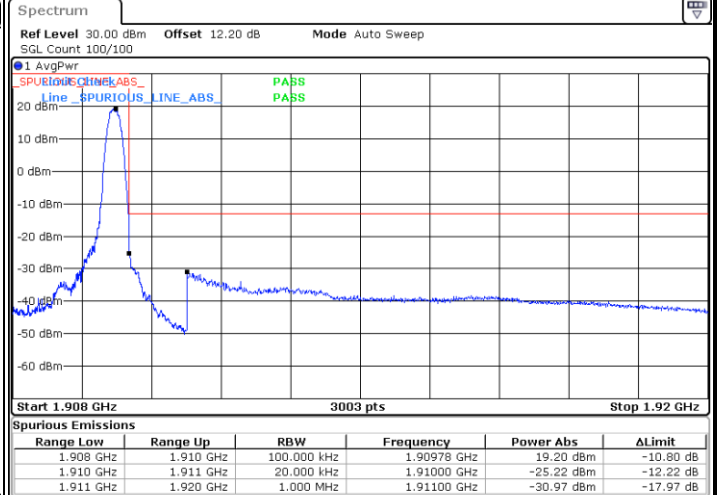


LTE Band 2 / 1.4MHz / 64QAM

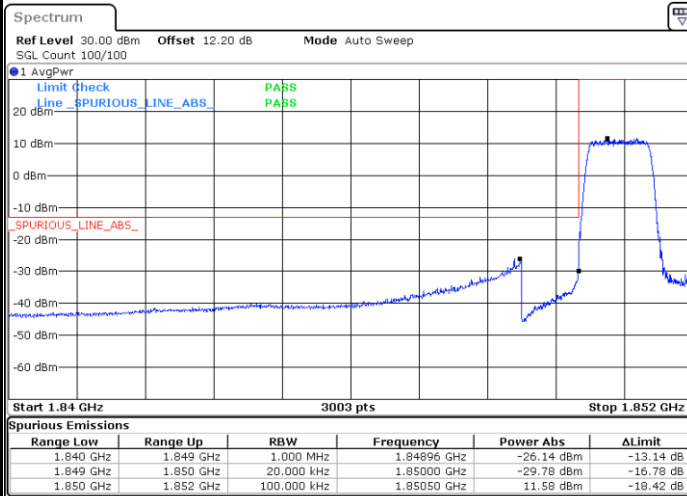
Lowest Band Edge / 1 RB



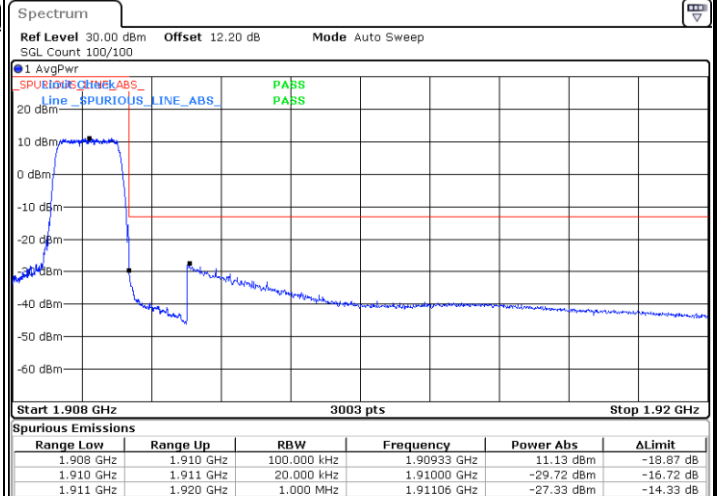
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



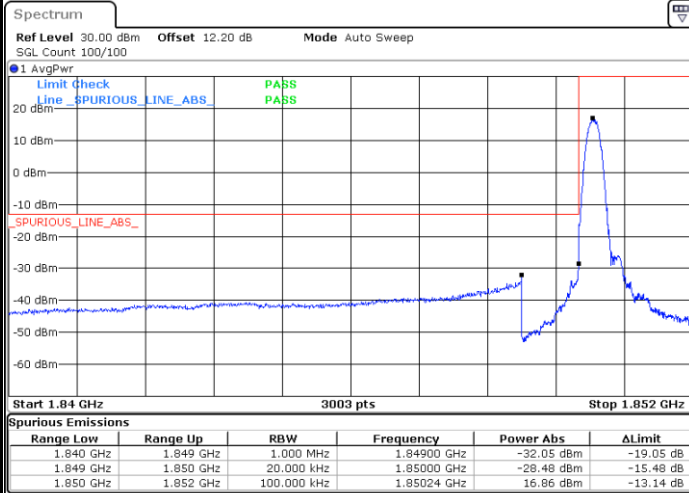
Highest Band Edge / Full RB



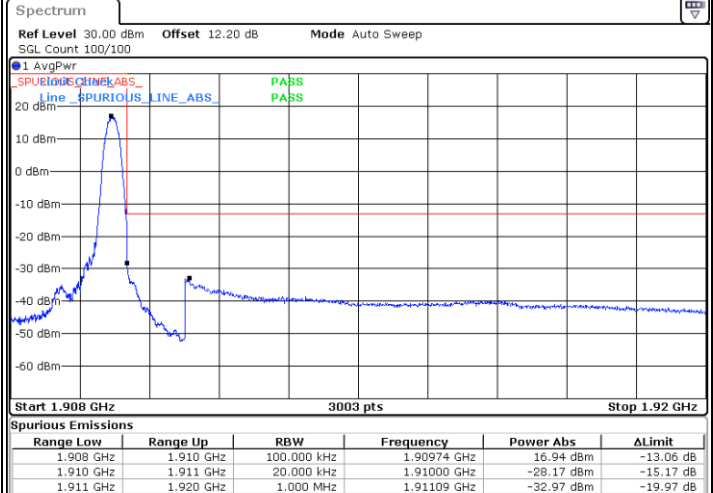


LTE Band 2 / 1.4MHz / 256QAM

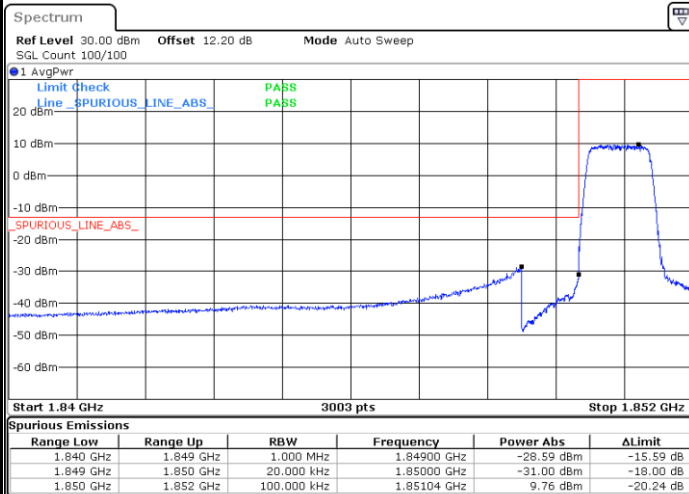
Lowest Band Edge / 1 RB



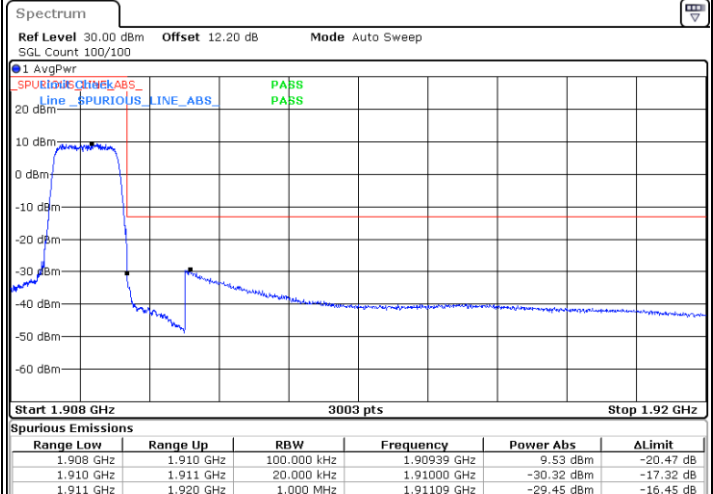
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



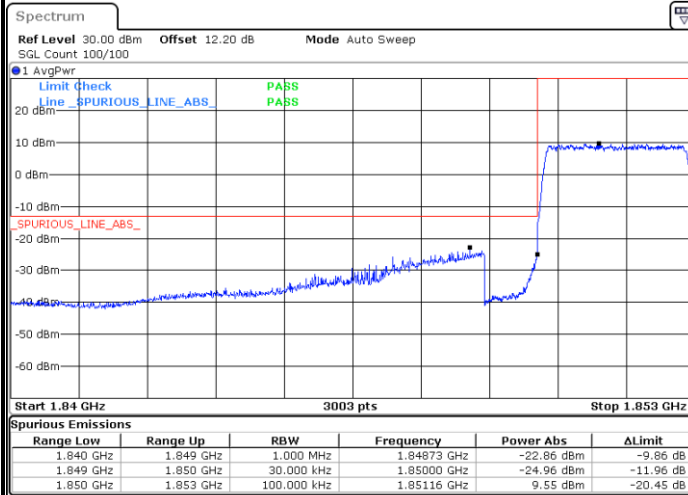
Highest Band Edge / Full RB



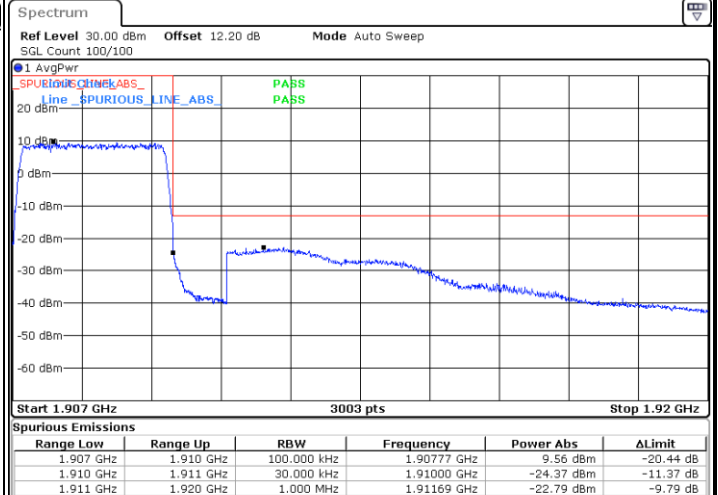


LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / Full RB

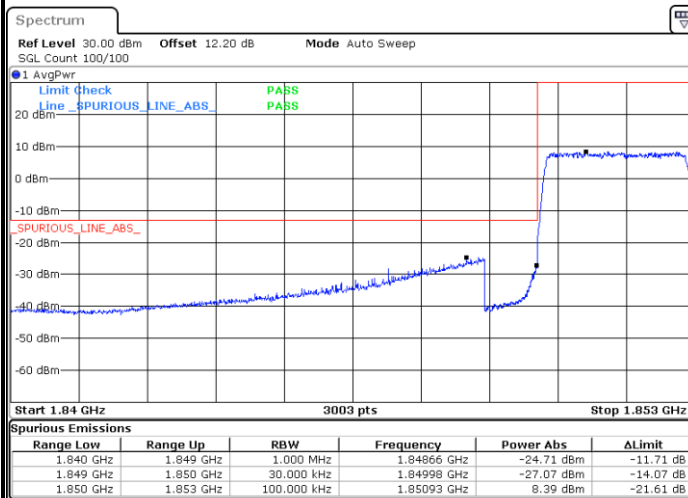


Highest Band Edge / Full RB

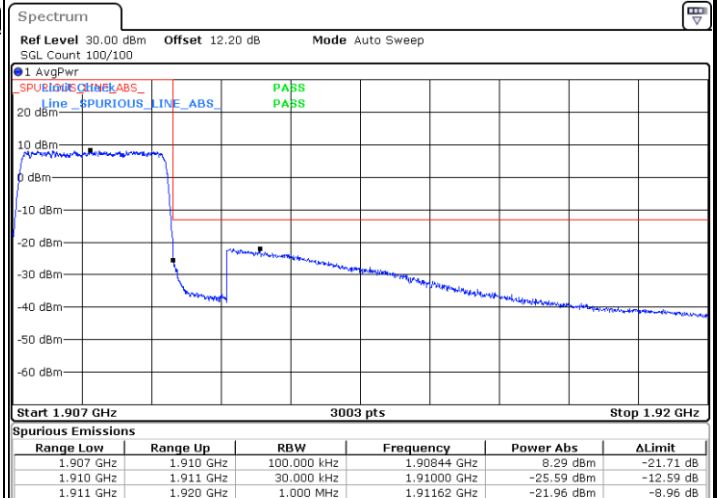


LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / Full RB



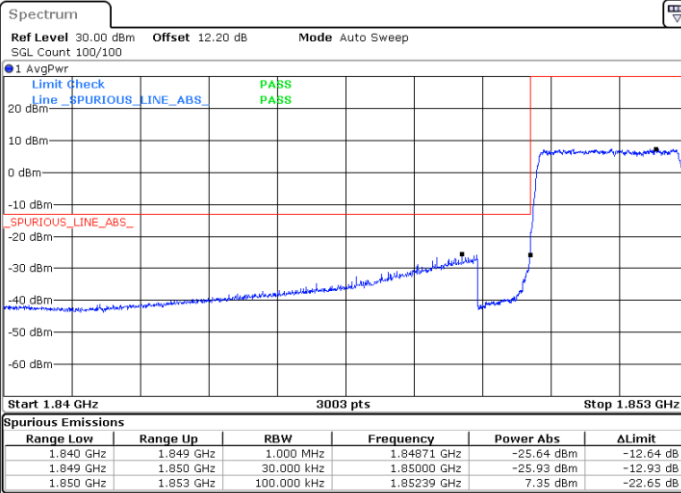
Highest Band Edge / Full RB



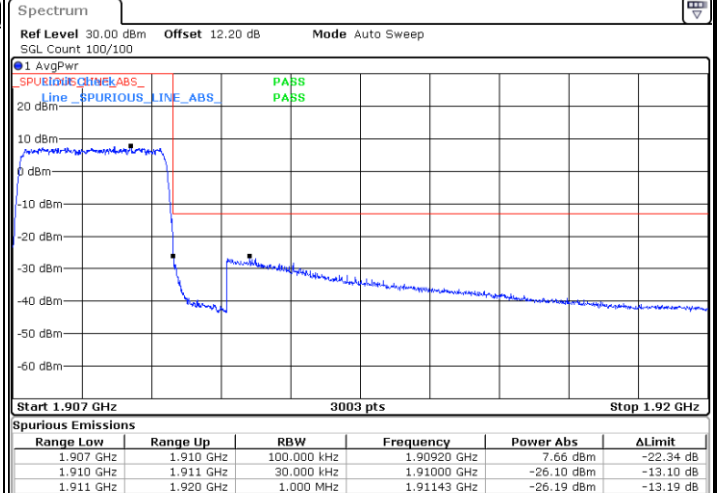


LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / Full RB

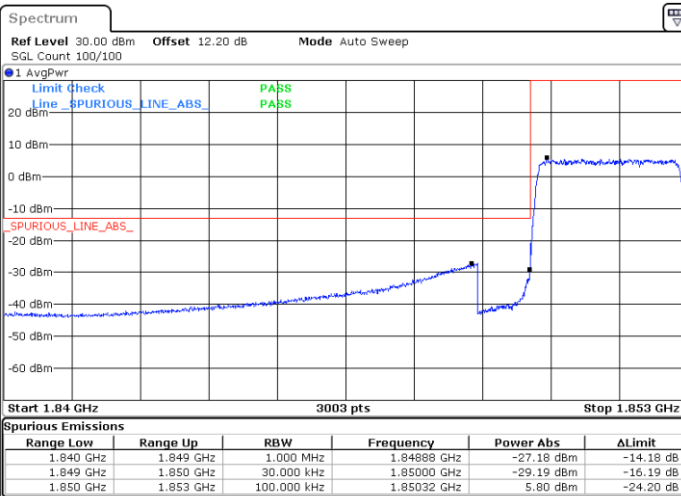


Highest Band Edge / Full RB



LTE Band 2 / 3MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

