



FCC RADIO TEST REPORT

FCC ID : A4RGLBW0
Equipment : Phone
Model Name : GLBW0
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 Nov. 27, 2024 and testing was performed from Dec. 18, 2024 to Feb. 21, 2025. 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 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.

Approved by: Louis Wu

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



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	7
1.3 Testing Location	8
1.4 Applicable Standards.....	8
2 Test Configuration of Equipment Under Test	9
2.1 Test Mode.....	9
2.2 Connection Diagram of Test System.....	11
2.3 Support Unit used in test configuration and system	11
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
FG4N0919B	01	Initial issue of report	Apr. 10, 2025
FG4N0919B	02	Revise appendix A This report is an updated version, replacing the report issued on Apr. 10, 2025.	May 02, 2025
FG4N0919B	03	Revise List of Measuring Equipment This report is an updated version, replacing the report issued on May 02, 2025.	May 07, 2025



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5) §90.635	Effective Radiated Power (Band 5) (Band 26)	Pass	
	§27.50 (b)(10) §27.50 (c)(10)	Effective Radiated Power (Band 12) (Band 13) (Band 17) (Band 71)		
	§24.232 (c) §27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2) (Band 25) (Band 7) (Band 38) (Band 41)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 4) (Band 66)		
	§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	Pass	-
3.5	§2.1051 §22.917 (a) §24.238 (a) §27.53 (c)(2)(4) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 4) (Band 5) (Band 12) (Band 13) (Band 17) (Band 25) (Band 26) (Band 66) (Band 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	-
	§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:

- 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.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: 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/NTN , Bluetooth, BLE, BLE channel sounding, Wi-Fi 802.11ax, NFC, WPC Rx and GNSS Rx.
Antenna Type WWAN: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna <Ant. 2>: IFA Antenna <Ant. 5>: IFA Antenna

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

EUT Information List	
S/N	Performed Test Item
4B121FDCR0009L	Conducted Measurement ERP/EIRP
4B121FDCR0006T 4B121FDCR0006U	Radiated Spurious Emission

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						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
B5	-2.6	-5.6			0	1
B12	-2.8	-4.6			0	1
B13	-2.8	-4.0			0	1
B14	-2.1	-3.7			0	1
B17	-2.8	-4.6			0	1
B26	-2.2	-4.9			0	1
B71	-3.2	-4.3			0	1
B2	2.6		0.0		2	0
ENDC B2		-0.6		-2.7	1	5
B4	1.9		0.6		2	0
ENDC B4		-7.6		-12.5	1	5
B7	1.3		0.8		2	0
B25	2.6		0.1		2	0
ENDC B25		-0.3		-2.7	1	5
B30	2.5		0.2		2	0
B38	3.3		2.9		2	0
B41	3.5		2.9		2	0
B66	1.9		0.7		2	0
ENDC B66		-2.2		-2.1	1	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.

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	Chris Chiu
Temperature (°C)	22.3~22.9
Relative Humidity (%)	53.2~55.5

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No. 03CH21-HY (TAF Code: 3786) 03CH23-HY (TAF Code: 3786)	
Test Engineer	Fred Tseng, Ray Lung and Sky Chang	Leo Li, Karl Hou and Lucifer Jiang
Temperature (°C)	18~26	19.4~21.1
Relative Humidity (%)	50~70	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
- ♦ 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 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 the worst plane as following table.

Plane	Main Antenna	Sub Antenna
B5	X with Adaptor	X with Adaptor
B5B	X with Adaptor	Z with Adaptor
B7	Y with Adaptor	Y with Adaptor
B7C	Z with Adaptor	Z with Adaptor
B12	X with Adaptor	X with Adaptor
B13	Z with Adaptor	Z with Adaptor
B14	X with Adaptor	Y with Adaptor
B25	Z with Adaptor	X with Adaptor
B26 (90S)	Y with Adaptor	Y with Adaptor
B30	Y with Adaptor	X with Adaptor
B41	X with Adaptor	X with Adaptor
B41C	X with Adaptor	X with Adaptor
B66	X with Adaptor	Z with Adaptor
B66B	Y with Adaptor	Z with Adaptor
B71	Z with Adaptor	Z with Adaptor

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

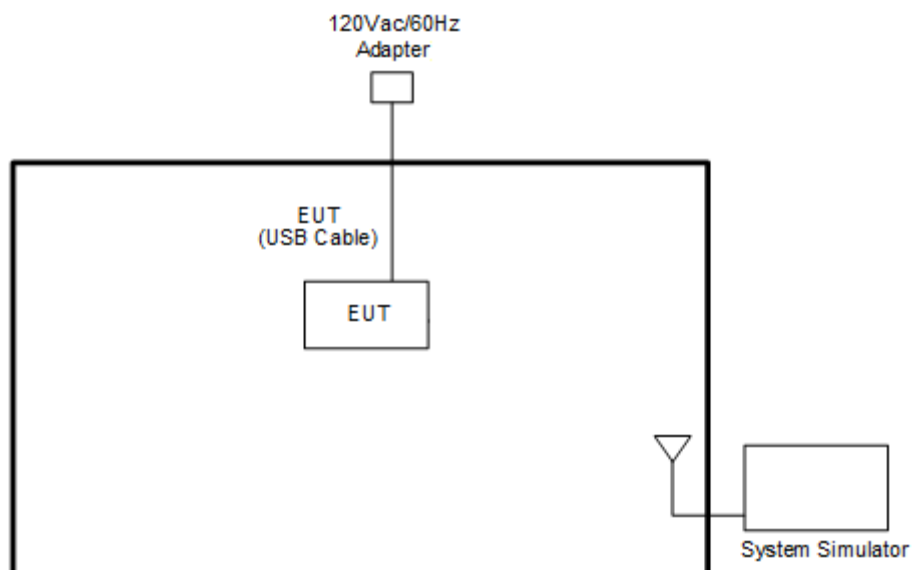
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	20 MHz or less	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	Minimum	1RB	L, M, H
		All	Full	
CSE	A	Minimum	1RB	L, M, 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. 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.
4. All the radiated test cases were performed with USB Cable 2.

2.2 Connection Diagram of Test System

<EUT with Adapter>



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	N/A	GW8L7	N/A	N/A	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 (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Channel and Frequency List (Part90 S)				
BW [MHz]	Channel/Frequency(MHz)	cross-rule channels		
15	Channel	26765	26790	-
	Frequency	821.5	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	20575
		Frequency	829.5	838.0	841.5
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

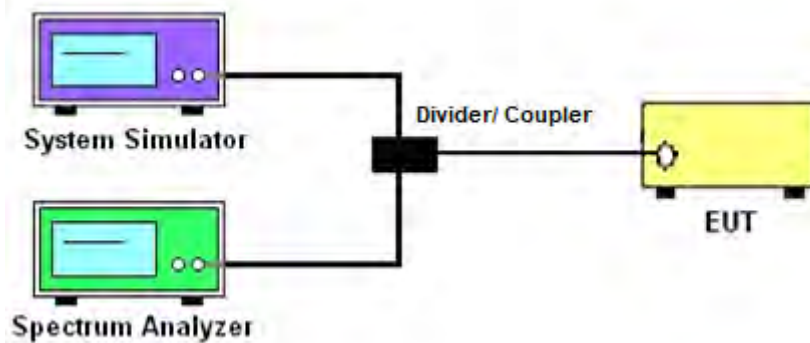
See list of measuring instruments of this test report.

3.1.1 Test Setup

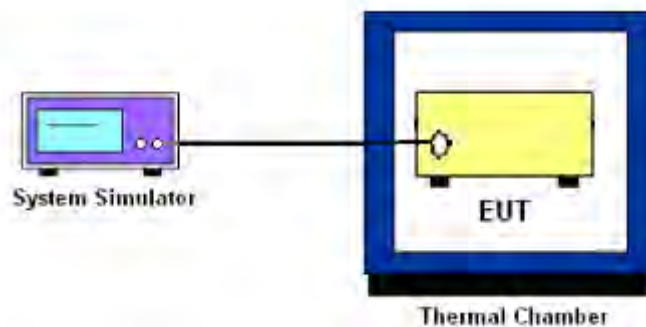
3.1.2 Conducted Output Power



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.



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.



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)



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.

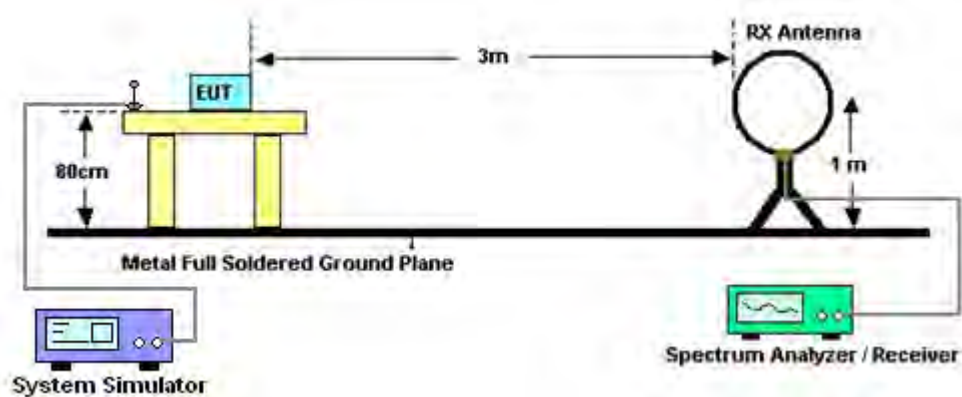
4 Radiated Test Items

4.1 Measuring Instruments

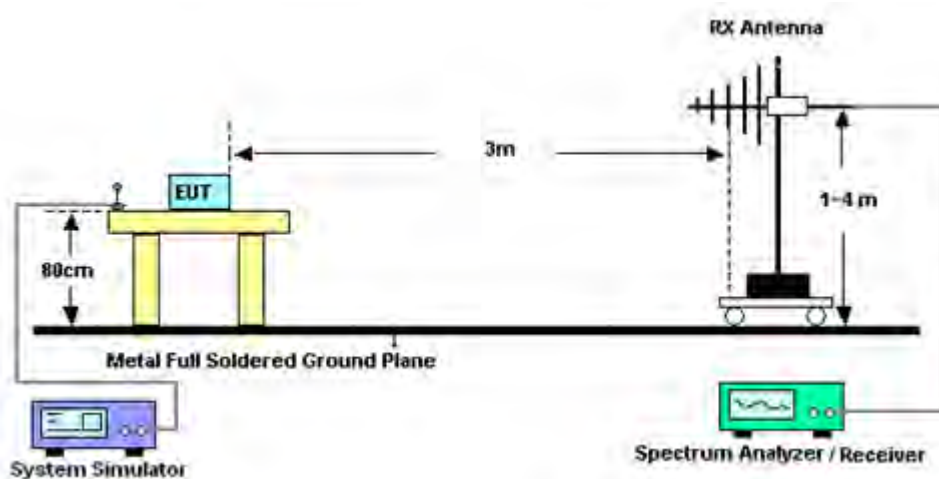
See list of measuring instruments of this test report.

4.1.1 Test Setup

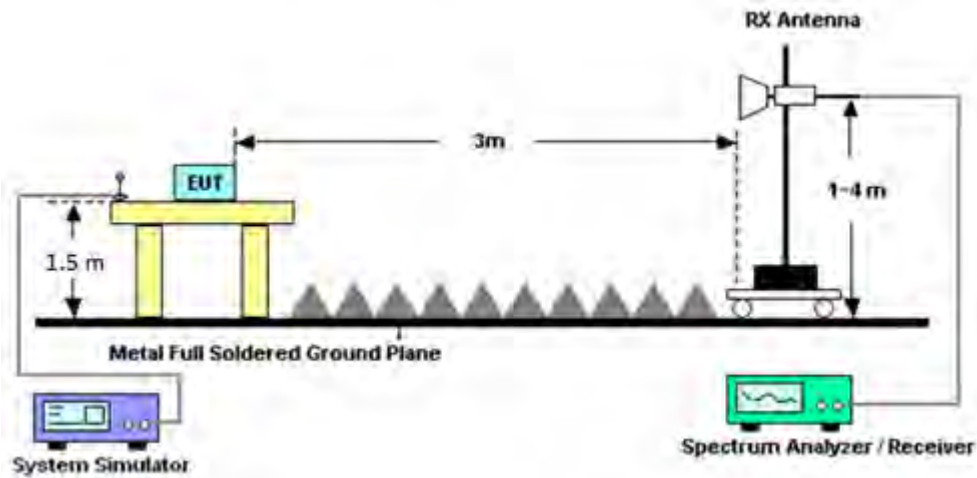
For radiated test below 30MHz



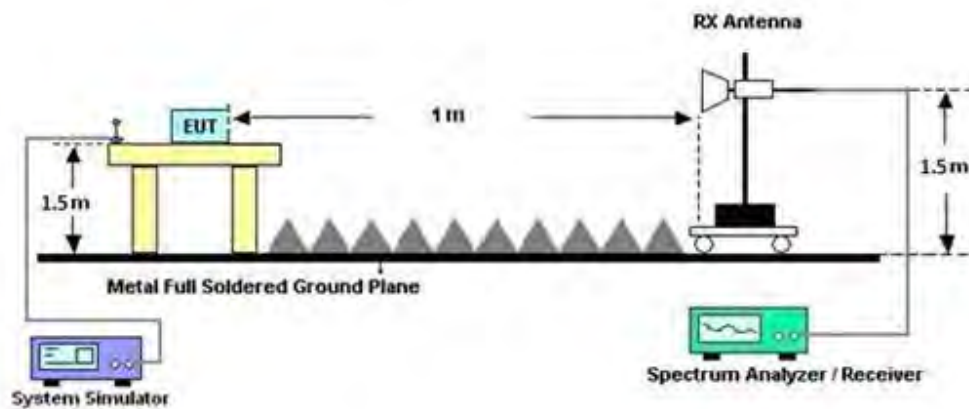
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For LTE Band 7, 38, 41

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

For LTE Band 13

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

For LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log (P)$ dB.

For LTE Band 14

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

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



4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

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.

1. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
2. The table was rotated 360 degrees to determine the position of the highest spurious emission.
3. 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.
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
5. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
6. $EIRP(dBm) = Level(dBuV/m) + 20\log(d) - 104.77$, where d is the distance at which field strength limit is specified in the rules
7. $Field\ Strength\ Level(dBm) = Spectrum\ Reading(dBm) + Antenna\ Factor + Cable\ Loss + Read\ Level - Preamplifier\ Factor$.
8. $ERP(dBm) = EIRP(dBm) - 2.15$
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Dec. 20, 2024~ Feb. 05, 2025	Aug. 28, 2025	Radiation (03CH23-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	30MHz~1GHz	Nov. 27, 2024	Dec. 20, 2024~ Feb. 05, 2025	Nov. 26, 2025	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	9kHz~1GHz	Jul. 14, 2024	Dec. 20, 2024~ Feb. 05, 2025	Jul. 13, 2025	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	N/A	Sep. 27, 2024	Dec. 20, 2024~ Feb. 05, 2025	Sep. 26, 2025	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18EN	1GHz~18GHz	Jun. 20, 2024	Dec. 20, 2024~ Feb. 05, 2025	Jun. 19, 2025	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1225	18GHz~40GHz	Jun. 24, 2024	Dec. 20, 2024~ Feb. 05, 2025	Jun. 23, 2025	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060872	18GHz~40GHz	Nov. 29, 2024	Dec. 20, 2024~ Feb. 05, 2025	Nov. 28, 2025	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	N/A	Aug. 21, 2024	Dec. 20, 2024~ Feb. 05, 2025	Aug. 20, 2025	Radiation (03CH23-HY)
Hygrometer	TECEPEL	DTM-303B	TP211542	N/A	Oct. 24, 2024	Dec. 20, 2024~ Feb. 05, 2025	Oct. 23, 2025	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 20, 2024~ Feb. 05, 2025	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Dec. 20, 2024~ Feb. 05, 2025	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Dec. 20, 2024~ Feb. 05, 2025	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_2019 122	RK-002348	N/A	N/A	Dec. 20, 2024~ Feb. 05, 2025	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Dec. 20, 2024~ Feb. 05, 2025	Mar. 05, 2025	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	N/A	Nov. 26, 2024	Dec. 20, 2024~ Feb. 05, 2025	Nov. 25, 2025	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/231119/ 231122	N/A	Nov. 26, 2024	Dec. 20, 2024~ Feb. 05, 2025	Nov. 25, 2025	Radiation (03CH23-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Dec. 25, 2024~ Feb. 21, 2025	Aug. 28, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00800N1D01N -06	41912 & 05	30MHz~1GHz	Feb. 04, 2024	Dec. 25, 2024~ Feb. 02, 2025	Feb. 03, 2025	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 11, 2024	Dec. 25, 2024~ Feb. 21, 2025	Jul. 10, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Dec. 25, 2024~ Feb. 21, 2025	Jun. 23, 2025	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 14, 2024	Dec. 25, 2024~ Feb. 21, 2025	Jul. 13, 2025	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 27, 2024	Dec. 25, 2024~ Feb. 21, 2025	Sep. 26, 2025	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Sep. 02, 2024	Dec. 25, 2024~ Feb. 21, 2025	Sep. 01, 2025	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 06, 2024	Dec. 25, 2024~ Feb. 21, 2025	Sep. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Dec. 25, 2024~ Feb. 21, 2025	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,803954/2	30MHz~40GHz	Aug. 12, 2024	Dec. 25, 2024~ Feb. 21, 2025	Aug. 11, 2025	Radiation (03CH21-HY)
Hygrometer	TECEPEL	DTM-303A	TP211568	N/A	Oct. 21, 2024	Dec. 25, 2024~ Feb. 21, 2025	Oct. 20, 2025	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Dec. 25, 2024~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Dec. 25, 2024~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Dec. 25, 2024~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Dec. 25, 2024~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Dec. 18, 2024~ Feb. 11, 2025	Sep. 01, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 06, 2024	Dec. 18, 2024~ Feb. 11, 2025	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 27, 2024	Dec. 18, 2024~ Feb. 11, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 02, 2024	Dec. 18, 2024~ Dec. 31, 2024	Jan. 01, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 03, 2025	Jan. 03, 2025~ Feb. 11, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Dec. 18, 2024~ Feb. 11, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Dec. 18, 2024~ Feb. 11, 2025	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Dec. 18, 2024~ Feb. 11, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECEPEL	DTM-303B	TP210073	-10 ~ 50℃ / 20 ~ 95%RH	Jun. 05, 2024	Dec. 18, 2024~ Feb. 11, 2025	Jun. 04, 2025	Conducted (TH03-HY)

6 Measurement Uncertainty

<03CH21-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.60 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.00 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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<03CH23-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.60 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.40 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<Tx0>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.60	23.62	23.50	23.62	0.2301
20	1	49		23.32	23.39	23.30		
20	1	99		23.47	23.49	23.43		
20	50	0		22.57	22.58	22.52		
20	50	24		22.51	22.56	22.48		
20	50	50		22.48	22.50	22.45		
20	100	0		22.52	22.55	22.47		
20	1	0	16-QAM	22.84	22.89	22.74	22.89	0.1945
20	1	49		22.79	22.79	22.73		
20	1	99		22.75	22.74	22.69		
20	50	0		21.55	21.58	21.50		
20	50	24		21.51	21.55	21.47		
20	50	50		21.48	21.51	21.43		
20	100	0		21.52	21.56	21.47		
20	1	0	64-QAM	22.77	21.82	21.60	22.77	0.1892
20	1	49		22.66	21.71	21.65		
20	1	99		22.64	21.62	21.57		
20	50	0		21.55	20.61	20.52		
20	50	24		21.50	20.57	20.50		
20	50	50		21.46	20.54	20.45		
20	100	0		21.52	20.60	20.48		
20	1	0	256-QAM	18.42	18.51	18.36	18.51	0.0710
20	1	49		18.25	18.26	18.17		
20	1	99		18.35	18.41	18.36		
20	50	0		18.44	18.46	18.43		
20	50	24		18.47	18.48	18.38		
20	50	50		18.40	18.43	18.37		
20	100	0		18.37	18.44	18.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.57	23.57	23.48	23.57	0.2275
15	1	37		23.47	23.33	23.21		
15	1	74		23.41	23.45	23.37		
15	36	0		22.50	22.54	22.46		
15	36	20		22.46	22.49	22.41		
15	36	39		22.46	22.46	22.40		
15	75	0		22.48	22.52	22.42		
15	1	0	16-QAM	22.83	22.87	22.73	22.89	0.1945
15	1	37		22.82	22.89	22.78		
15	1	74		22.68	22.73	22.62		
15	36	0		21.47	21.55	21.43		
15	36	20		21.44	21.49	21.42		
15	36	39		21.41	21.46	21.41		
15	75	0		21.45	21.50	21.43		
15	1	0	64-QAM	21.71	21.77	21.64	21.77	0.1503
15	1	37		21.70	21.74	21.68		
15	1	74		21.56	21.61	21.54		
15	36	0		20.51	20.58	20.46		
15	36	20		20.48	20.54	20.45		
15	36	39		20.46	20.49	20.42		
15	75	0		20.46	20.52	20.43		
15	1	0	256-QAM	18.40	18.44	18.27	18.44	0.0698
15	1	37		18.18	18.21	18.12		
15	1	74		18.26	18.38	18.35		
15	36	0		18.43	18.39	18.37		
15	36	20		18.43	18.41	18.32		
15	36	39		18.31	18.42	18.31		
15	75	0		18.29	18.40	18.38		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.48	23.46	23.40	23.50	0.2239
10	1	25		23.50	23.47	23.50		
10	1	49		23.38	23.41	23.34		
10	25	0		22.50	22.51	22.44		
10	25	12		22.48	22.49	22.42		
10	25	25		22.47	22.45	22.41		
10	50	0		22.49	22.48	22.44		
10	1	0	16-QAM	22.65	22.71	22.63	22.71	0.1866
10	1	25		22.53	22.58	22.57		
10	1	49		22.60	22.68	22.61		
10	25	0		21.45	21.48	21.42		
10	25	12		21.46	21.47	21.39		
10	25	25		21.42	21.45	21.39		
10	50	0		21.46	21.47	21.39		
10	1	0	64-QAM	21.60	21.61	21.54	21.61	0.1449
10	1	25		21.49	21.54	21.41		
10	1	49		21.58	21.59	21.54		
10	25	0		20.47	20.48	20.39		
10	25	12		20.45	20.45	20.39		
10	25	25		20.45	20.46	20.39		
10	50	0		20.48	20.48	20.44		
10	1	0	256-QAM	18.36	18.48	18.30	18.48	0.0705
10	1	25		18.19	18.20	18.12		
10	1	49		18.30	18.35	18.29		
10	25	0		18.38	18.39	18.40		
10	25	12		18.40	18.38	18.35		
10	25	25		18.37	18.37	18.27		
10	50	0		18.32	18.36	18.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.51	23.55	23.39	23.55	0.2265
5	1	12		23.43	23.45	23.36		
5	1	24		23.40	23.46	23.37		
5	12	0		22.46	22.50	22.42		
5	12	7		22.46	22.47	22.40		
5	12	13		22.49	22.47	22.41		
5	25	0		22.47	22.45	22.43		
5	1	0	16-QAM	22.69	22.74	22.71	22.79	0.1901
5	1	12		22.78	22.79	22.78		
5	1	24		22.67	22.69	22.67		
5	12	0		21.44	21.46	21.40		
5	12	7		21.46	21.49	21.40		
5	12	13		21.42	21.46	21.38		
5	25	0		21.42	21.45	21.38		
5	1	0	64-QAM	21.66	21.68	21.64	21.74	0.1493
5	1	12		21.71	21.74	21.69		
5	1	24		21.60	21.66	21.58		
5	12	0		20.51	20.54	20.45		
5	12	7		20.49	20.51	20.44		
5	12	13		20.49	20.52	20.43		
5	25	0		20.45	20.47	20.41		
5	1	0	256-QAM	18.38	18.44	18.28	18.46	0.0701
5	1	12		18.16	18.22	18.14		
5	1	24		18.34	18.31	18.30		
5	12	0		18.38	18.38	18.34		
5	12	7		18.45	18.46	18.30		
5	12	13		18.35	18.39	18.36		
5	25	0		18.28	18.40	18.42		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.43	23.52	23.48	23.52	0.2249
3	1	8		23.29	23.42	23.37		
3	1	14		23.35	23.44	23.47		
3	8	0		22.46	22.48	22.42		
3	8	4		22.38	22.40	22.37		
3	8	7		22.41	22.44	22.38		
3	15	0		22.45	22.47	22.44		
3	1	0	16-QAM	22.68	22.70	22.70	22.75	0.1884
3	1	8		22.62	22.63	22.59		
3	1	14		22.67	22.75	22.67		
3	8	0		21.46	21.51	21.42		
3	8	4		21.43	21.46	21.40		
3	8	7		21.43	21.48	21.39		
3	15	0		21.42	21.45	21.40		
3	1	0	64-QAM	21.63	21.67	21.62	21.68	0.1472
3	1	8		21.54	21.60	21.51		
3	1	14		21.63	21.68	21.59		
3	8	0		20.49	20.51	20.39		
3	8	4		20.44	20.46	20.36		
3	8	7		20.51	20.53	20.42		
3	15	0		20.44	20.43	20.35		
3	1	0	256-QAM	18.33	18.45	18.26	18.45	0.0700
3	1	8		18.18	18.24	18.15		
3	1	14		18.25	18.38	18.27		
3	8	0		18.40	18.38	18.36		
3	8	4		18.38	18.45	18.29		
3	8	7		18.33	18.36	18.36		
3	15	0		18.27	18.39	18.39		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.44	23.42	23.35	23.44	0.2208
1.4	1	3		23.41	23.37	23.31		
1.4	1	5		23.43	23.39	23.33		
1.4	3	0		23.39	23.41	23.38		
1.4	3	1		23.36	23.27	23.24		
1.4	3	3		23.38	23.41	23.37		
1.4	6	0		22.40	22.42	22.36		
1.4	1	0	16-QAM	22.67	22.73	22.65	22.73	0.1875
1.4	1	3		22.52	22.56	22.49		
1.4	1	5		22.67	22.71	22.64		
1.4	3	0		22.34	22.40	22.31		
1.4	3	1		22.38	22.46	22.37		
1.4	3	3		22.35	22.39	22.32		
1.4	6	0		21.46	21.50	21.41		
1.4	1	0	64-QAM	22.49	21.68	21.58	22.62	0.1828
1.4	1	3		22.62	21.48	21.36		
1.4	1	5		22.02	21.64	21.54		
1.4	3	0		21.44	21.52	21.38		
1.4	3	1		21.53	21.57	21.46		
1.4	3	3		21.51	21.56	21.45		
1.4	6	0		20.38	20.41	20.34		
1.4	1	0	256-QAM	18.35	18.45	18.25	18.45	0.0700
1.4	1	3		18.16	18.24	18.16		
1.4	1	5		18.30	18.33	18.27		
1.4	3	0		18.25	18.34	18.25		
1.4	3	1		18.32	18.35	18.27		
1.4	3	3		18.33	18.36	18.33		
1.4	6	0		18.28	18.37	18.28		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.62	23.66	23.55	23.76	0.2377
20	1	49		23.37	23.56	23.35		
20	1	99		23.49	23.46	23.43		
20	50	0		22.60	22.62	22.54		
20	50	24		22.56	22.58	22.53		
20	50	50		22.53	22.54	22.49		
20	100	0		22.57	22.58	22.52		
20	1	0	16-QAM	22.93	22.94	22.79	23.04	0.2014
20	1	49		22.83	22.84	22.78		
20	1	99		22.82	22.79	22.70		
20	50	0		21.59	21.63	21.53		
20	50	24		21.54	21.58	21.51		
20	50	50		21.52	21.51	21.47		
20	100	0		21.55	21.58	21.51		
20	1	0	64-QAM	21.78	21.80	21.68	21.90	0.1549
20	1	49		21.73	21.72	21.72		
20	1	99		21.68	21.65	21.59		
20	50	0		20.60	20.68	20.54		
20	50	24		20.58	20.60	20.54		
20	50	50		20.54	20.55	20.52		
20	100	0		20.57	20.60	20.53		
20	1	0	256-QAM	18.70	18.68	18.65	18.80	0.0759
20	1	49		18.33	18.43	18.33		
20	1	99		18.50	18.55	18.53		
20	50	0		18.43	18.52	18.49		
20	50	24		18.40	18.48	18.41		
20	50	50		18.42	18.48	18.38		
20	100	0		18.43	18.50	18.40		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.60	23.62	23.55	23.72	0.2355
15	1	37		23.41	23.35	23.32		
15	1	74		23.45	23.50	23.40		
15	36	0		22.55	22.59	22.52		
15	36	20		22.51	22.54	22.48		
15	36	39		22.48	22.52	22.46		
15	75	0		22.53	22.57	22.50		
15	1	0	16-QAM	22.91	22.93	22.84	23.03	0.2009
15	1	37		22.84	22.88	22.83		
15	1	74		22.75	22.74	22.69		
15	36	0		21.55	21.60	21.51		
15	36	20		21.49	21.54	21.49		
15	36	39		21.47	21.51	21.48		
15	75	0		21.50	21.56	21.50		
15	1	0	64-QAM	21.75	21.78	21.72	21.89	0.1545
15	1	37		21.79	21.79	21.79		
15	1	74		21.63	21.65	21.62		
15	36	0		20.55	20.62	20.54		
15	36	20		20.52	20.59	20.49		
15	36	39		20.51	20.54	20.49		
15	75	0		20.51	20.57	20.49		
15	1	0	256-QAM	18.55	18.53	18.55	18.65	0.0733
15	1	37		18.31	18.36	18.27		
15	1	74		18.43	18.46	18.41		
15	36	0		18.28	18.48	18.35		
15	36	20		18.29	18.45	18.29		
15	36	39		18.36	18.46	18.24		
15	75	0		18.40	18.43	18.30		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.50	23.53	23.44	23.67	0.2328
10	1	25		23.46	23.57	23.49		
10	1	49		23.44	23.45	23.36		
10	25	0		22.54	22.55	22.45		
10	25	12		22.52	22.52	22.43		
10	25	25		22.51	22.51	22.42		
10	50	0		22.53	22.57	22.44		
10	1	0	16-QAM	22.69	22.77	22.65	22.87	0.1936
10	1	25		22.62	22.64	22.55		
10	1	49		22.68	22.72	22.61		
10	25	0		21.52	21.55	21.42		
10	25	12		21.49	21.53	21.44		
10	25	25		21.48	21.52	21.42		
10	50	0		21.53	21.53	21.42		
10	1	0	64-QAM	21.66	21.67	21.59	21.77	0.1503
10	1	25		21.54	21.59	21.43		
10	1	49		21.64	21.66	21.52		
10	25	0		20.54	20.56	20.44		
10	25	12		20.53	20.52	20.40		
10	25	25		20.49	20.50	20.37		
10	50	0		20.53	20.54	20.43		
10	1	0	256-QAM	18.63	18.65	18.54	18.75	0.0750
10	1	25		18.23	18.42	18.22		
10	1	49		18.35	18.40	18.38		
10	25	0		18.35	18.51	18.46		
10	25	12		18.33	18.42	18.35		
10	25	25		18.39	18.47	18.31		
10	50	0		18.28	18.42	18.29		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.58	23.62	23.56	23.72	0.2355
5	1	12		23.41	23.49	23.46		
5	1	24		23.43	23.50	23.48		
5	12	0		22.52	22.54	22.50		
5	12	7		22.52	22.52	22.48		
5	12	13		22.53	22.52	22.48		
5	25	0		22.51	22.53	22.50		
5	1	0	16-QAM	22.76	22.82	22.78	22.95	0.1972
5	1	12		22.79	22.85	22.81		
5	1	24		22.74	22.75	22.72		
5	12	0		21.47	21.53	21.48		
5	12	7		21.51	21.54	21.49		
5	12	13		21.47	21.52	21.45		
5	25	0		21.47	21.50	21.44		
5	1	0	64-QAM	21.71	21.76	21.68	21.94	0.1563
5	1	12		21.77	21.84	21.73		
5	1	24		21.67	21.72	21.64		
5	12	0		20.59	20.59	20.52		
5	12	7		20.57	20.60	20.51		
5	12	13		20.57	20.58	20.51		
5	25	0		20.51	20.52	20.47		
5	1	0	256-QAM	18.61	18.64	18.53	18.74	0.0748
5	1	12		18.23	18.34	18.21		
5	1	24		18.49	18.51	18.52		
5	12	0		18.38	18.38	18.35		
5	12	7		18.26	18.42	18.31		
5	12	13		18.36	18.45	18.33		
5	25	0		18.30	18.42	18.34		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.43	23.58	23.53	23.68	0.2333
3	1	8		23.36	23.47	23.45		
3	1	14		23.39	23.42	23.51		
3	8	0		22.51	22.53	22.48		
3	8	4		22.44	22.46	22.40		
3	8	7		22.51	22.51	22.44		
3	15	0		22.52	22.53	22.49		
3	1	0	16-QAM	22.75	22.81	22.71	22.91	0.1954
3	1	8		22.69	22.71	22.68		
3	1	14		22.76	22.80	22.72		
3	8	0		21.53	21.56	21.48		
3	8	4		21.48	21.53	21.46		
3	8	7		21.49	21.53	21.45		
3	15	0		21.47	21.52	21.45		
3	1	0	64-QAM	21.69	21.72	21.65	21.82	0.1521
3	1	8		21.58	21.64	21.56		
3	1	14		21.69	21.72	21.66		
3	8	0		20.54	20.57	20.49		
3	8	4		20.51	20.52	20.44		
3	8	7		20.56	20.57	20.50		
3	15	0		20.47	20.48	20.43		
3	1	0	256-QAM	18.55	18.57	18.56	18.67	0.0736
3	1	8		18.19	18.33	18.18		
3	1	14		18.40	18.54	18.46		
3	8	0		18.32	18.45	18.44		
3	8	4		18.34	18.47	18.36		
3	8	7		18.33	18.41	18.29		
3	15	0		18.29	18.43	18.25		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.51	23.46	23.45	23.61	0.2296
1.4	1	3		23.47	23.45	23.38		
1.4	1	5		23.48	23.46	23.42		
1.4	3	0		23.44	23.48	23.44		
1.4	3	1		23.32	23.35	23.32		
1.4	3	3		23.45	23.50	23.46		
1.4	6	0		22.45	22.49	22.45		
1.4	1	0	16-QAM	22.71	22.77	22.72	22.88	0.1941
1.4	1	3		22.59	22.65	22.54		
1.4	1	5		22.71	22.78	22.71		
1.4	3	0		22.40	22.46	22.38		
1.4	3	1		22.44	22.51	22.45		
1.4	3	3		22.39	22.47	22.39		
1.4	6	0		21.53	21.55	21.50		
1.4	1	0	64-QAM	21.66	21.74	21.61	21.84	0.1528
1.4	1	3		21.46	21.54	21.46		
1.4	1	5		21.65	21.74	21.65		
1.4	3	0		21.51	21.59	21.49		
1.4	3	1		21.56	21.63	21.54		
1.4	3	3		21.57	21.65	21.54		
1.4	6	0		20.44	20.48	20.41		
1.4	1	0	256-QAM	18.52	18.54	18.46	18.64	0.0731
1.4	1	3		18.17	18.26	18.13		
1.4	1	5		18.35	18.53	18.41		
1.4	3	0		18.28	18.42	18.39		
1.4	3	1		18.26	18.44	18.35		
1.4	3	3		18.32	18.35	18.23		
1.4	6	0		18.23	18.39	18.24		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 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	23.84	23.85	23.82	24.45	0.2786
20	1	49		23.76	23.74	23.70		
20	1	99		23.69	23.66	23.60		
20	50	0		22.83	22.85	22.76		
20	50	24		22.79	22.79	22.72		
20	50	50		22.75	22.75	22.68		
20	100	0		22.81	22.83	22.73		
20	1	0	16-QAM	23.15	23.06	23.04	23.75	0.2371
20	1	49		23.06	22.96	22.98		
20	1	99		22.96	22.93	22.94		
20	50	0		21.83	21.78	21.77		
20	50	24		21.79	21.73	21.72		
20	50	50		21.72	21.71	21.70		
20	100	0		21.79	21.76	21.75		
20	1	0	64-QAM	22.04	21.97	21.93	22.64	0.1837
20	1	49		21.96	21.88	21.92		
20	1	99		21.79	21.86	21.89		
20	50	0		20.87	20.80	20.80		
20	50	24		20.82	20.75	20.77		
20	50	50		20.76	20.70	20.73		
20	100	0		20.80	20.71	20.75		
20	1	0	256-QAM	18.69	18.72	18.59	19.32	0.0855
20	1	49		18.15	18.44	18.16		
20	1	99		18.48	18.62	18.45		
20	50	0		18.36	18.60	18.49		
20	50	24		18.35	18.64	18.39		
20	50	50		18.43	18.61	18.35		
20	100	0		18.44	18.63	18.37		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 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	23.78	23.82	23.81	24.42	0.2767
15	1	37		23.51	23.53	23.52		
15	1	74		23.63	23.66	23.65		
15	36	0		22.76	22.77	22.75		
15	36	20		22.73	22.75	22.71		
15	36	39		22.68	22.71	22.71		
15	75	0		22.74	22.75	22.72		
15	1	0	16-QAM	23.09	23.04	23.06	23.69	0.2339
15	1	37		23.08	23.04	23.07		
15	1	74		22.89	22.94	22.98		
15	36	0		21.78	21.72	21.75		
15	36	20		21.73	21.67	21.75		
15	36	39		21.67	21.65	21.74		
15	75	0		21.76	21.65	21.75		
15	1	0	64-QAM	21.99	21.93	21.95	22.62	0.1828
15	1	37		21.99	21.95	22.02		
15	1	74		21.81	21.82	21.90		
15	36	0		20.83	20.71	20.81		
15	36	20		20.77	20.67	20.79		
15	36	39		20.71	20.64	20.77		
15	75	0		20.75	20.64	20.77		
15	1	0	256-QAM	18.68	18.66	18.55	19.28	0.0847
15	1	37		18.11	18.40	18.14		
15	1	74		18.45	18.53	18.35		
15	36	0		18.30	18.55	18.47		
15	36	20		18.30	18.63	18.37		
15	36	39		18.37	18.51	18.26		
15	75	0		18.38	18.53	18.29		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 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	23.65	23.73	23.67	24.38	0.2742
10	1	25		23.71	23.78	23.74		
10	1	49		23.62	23.66	23.61		
10	25	0		22.70	22.74	22.67		
10	25	12		22.67	22.73	22.67		
10	25	25		22.66	22.71	22.66		
10	50	0		22.68	22.73	22.67		
10	1	0	16-QAM	22.82	22.99	22.91	23.59	0.2286
10	1	25		22.76	22.87	22.80		
10	1	49		22.87	22.91	22.87		
10	25	0		21.67	21.72	21.67		
10	25	12		21.67	21.71	21.64		
10	25	25		21.67	21.68	21.62		
10	50	0		21.65	21.70	21.62		
10	1	0	64-QAM	21.77	21.82	21.78	22.42	0.1746
10	1	25		21.70	21.69	21.63		
10	1	49		21.81	21.75	21.72		
10	25	0		20.68	20.73	20.65		
10	25	12		20.65	20.68	20.62		
10	25	25		20.62	20.67	20.60		
10	50	0		20.67	20.71	20.64		
10	1	0	256-QAM	18.62	18.56	18.52	19.22	0.0836
10	1	25		18.05	18.30	18.09		
10	1	49		18.44	18.51	18.33		
10	25	0		18.26	18.54	18.39		
10	25	12		18.26	18.60	18.36		
10	25	25		18.33	18.49	18.16		
10	50	0		18.28	18.48	18.22		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 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	23.73	23.79	23.69	24.39	0.2748
5	1	12		23.63	23.69	23.65		
5	1	24		23.58	23.72	23.67		
5	12	0		22.64	22.76	22.71		
5	12	7		22.64	22.70	22.69		
5	12	13		22.64	22.70	22.69		
5	25	0		22.68	22.70	22.74		
5	1	0	16-QAM	22.91	23.02	23.03	23.67	0.2328
5	1	12		22.97	23.07	23.05		
5	1	24		22.89	22.96	22.97		
5	12	0		21.64	21.69	21.70		
5	12	7		21.66	21.71	21.68		
5	12	13		21.63	21.68	21.67		
5	25	0		21.64	21.67	21.68		
5	1	0	64-QAM	21.86	21.89	21.90	22.56	0.1803
5	1	12		21.92	21.96	21.96		
5	1	24		21.82	21.85	21.86		
5	12	0		20.69	20.76	20.75		
5	12	7		20.67	20.74	20.72		
5	12	13		20.68	20.72	20.73		
5	25	0		20.64	20.69	20.70		
5	1	0	256-QAM	18.66	18.68	18.53	19.28	0.0847
5	1	12		18.12	18.34	18.12		
5	1	24		18.40	18.59	18.44		
5	12	0		18.27	18.53	18.46		
5	12	7		18.28	18.60	18.31		
5	12	13		18.37	18.60	18.34		
5	25	0		18.34	18.57	18.27		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 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	23.60	23.78	23.79	24.39	0.2748
3	1	8		23.51	23.68	23.68		
3	1	14		23.55	23.61	23.79		
3	8	0		22.65	22.70	22.73		
3	8	4		22.57	22.63	22.62		
3	8	7		22.62	22.68	22.67		
3	15	0		22.75	22.78	22.82		
3	1	0	16-QAM	22.91	23.03	22.99	23.63	0.2307
3	1	8		22.83	22.93	22.92		
3	1	14		22.90	22.98	22.99		
3	8	0		21.70	21.74	21.71		
3	8	4		21.66	21.69	21.68		
3	8	7		21.67	21.69	21.67		
3	15	0		21.72	21.72	21.75		
3	1	0	64-QAM	21.88	21.87	21.86	22.48	0.1770
3	1	8		21.77	21.78	21.79		
3	1	14		21.88	21.88	21.87		
3	8	0		20.70	20.74	20.71		
3	8	4		20.65	20.68	20.66		
3	8	7		20.70	20.75	20.71		
3	15	0		20.65	20.66	20.67		
3	1	0	256-QAM	18.59	18.70	18.57	19.30	0.0851
3	1	8		18.10	18.41	18.12		
3	1	14		18.47	18.61	18.41		
3	8	0		18.34	18.52	18.48		
3	8	4		18.28	18.62	18.36		
3	8	7		18.37	18.58	18.30		
3	15	0		18.34	18.53	18.36		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 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	23.77	23.75	23.77	24.37	0.2735
1.4	1	3		23.73	23.71	23.74		
1.4	1	5		23.74	23.74	23.75		
1.4	3	0		23.70	23.74	23.74		
1.4	3	1		23.57	23.63	23.62		
1.4	3	3		23.71	23.75	23.74		
1.4	6	0		22.78	22.79	22.84		
1.4	1	0	16-QAM	22.97	23.10	23.11	23.71	0.2350
1.4	1	3		22.87	22.93	22.94		
1.4	1	5		22.96	23.07	23.06		
1.4	3	0		22.66	22.76	22.73		
1.4	3	1		22.73	22.82	22.78		
1.4	3	3		22.66	22.75	22.74		
1.4	6	0		21.81	21.82	21.87		
1.4	1	0	64-QAM	21.97	21.97	21.97	22.57	0.1807
1.4	1	3		21.76	21.80	21.78		
1.4	1	5		21.93	21.96	21.95		
1.4	3	0		21.77	21.84	21.82		
1.4	3	1		21.81	21.88	21.87		
1.4	3	3		21.83	21.90	21.89		
1.4	6	0		20.72	20.77	20.77		
1.4	1	0	256-QAM	18.43	18.61	18.39	19.22	0.0836
1.4	1	3		18.19	18.42	18.29		
1.4	1	5		18.46	18.58	18.28		
1.4	3	0		18.31	18.49	18.30		
1.4	3	1		18.34	18.61	18.41		
1.4	3	3		18.44	18.62	18.42		
1.4	6	0		18.34	18.57	18.41		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.97	23.98	23.94	19.23	0.0838
10	1	25		23.93	23.94	23.92		
10	1	49		23.87	23.88	23.83		
10	25	0		22.98	22.99	22.96		
10	25	12		22.97	22.95	22.91		
10	25	25		22.94	22.94	22.89		
10	50	0		22.98	22.99	22.94		
10	1	0	16-QAM	23.22	23.19	23.15	18.47	0.0703
10	1	25		23.16	23.14	23.14		
10	1	49		23.13	23.14	23.02		
10	25	0		22.00	21.97	21.94		
10	25	12		21.96	21.95	21.92		
10	25	25		21.91	21.96	21.87		
10	50	0		21.98	21.98	21.94		
10	1	0	64-QAM	22.11	22.14	22.10	17.39	0.0548
10	1	25		22.05	22.03	22.00		
10	1	49		22.06	22.07	21.95		
10	25	0		19.97	19.98	19.96		
10	25	12		19.96	19.92	19.93		
10	25	25		19.93	19.92	19.90		
10	50	0		19.98	19.97	19.94		
10	1	0	256-QAM	17.47	17.55	17.61	12.86	0.0193
10	1	25		17.20	17.35	17.28		
10	1	49		17.34	17.45	17.42		
10	25	0		17.16	17.18	17.12		
10	25	12		16.92	16.93	16.87		
10	25	25		16.90	16.96	16.83		
10	50	0		16.86	16.95	16.87		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.86	23.91	23.91	19.16	0.0824
5	1	12		23.80	23.79	23.79		
5	1	24		23.80	23.75	23.78		
5	12	0		22.88	22.85	22.84		
5	12	7		22.88	22.84	22.81		
5	12	13		22.88	22.83	22.82		
5	25	0		22.86	22.82	22.81		
5	1	0	16-QAM	23.17	23.14	23.14	18.42	0.0695
5	1	12		23.17	23.15	23.14		
5	1	24		23.11	23.07	22.98		
5	12	0		21.88	21.88	21.85		
5	12	7		21.89	21.89	21.86		
5	12	13		21.87	21.85	21.80		
5	25	0		21.85	21.83	21.81		
5	1	0	64-QAM	22.07	22.08	22.07	17.43	0.0553
5	1	12		22.18	22.14	22.16		
5	1	24		22.04	22.01	21.91		
5	12	0		19.92	19.90	19.89		
5	12	7		19.93	19.92	19.88		
5	12	13		19.92	19.90	19.86		
5	25	0		19.85	19.84	19.81		
5	1	0	256-QAM	17.46	17.46	17.55	12.80	0.0191
5	1	12		17.13	17.34	17.23		
5	1	24		17.24	17.37	17.39		
5	12	0		17.08	17.17	17.04		
5	12	7		16.91	16.86	16.79		
5	12	13		16.88	16.87	16.77		
5	25	0		16.78	16.93	16.84		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.90	23.91	23.93	19.18	0.0828
3	1	8		23.84	23.88	23.90		
3	1	14		23.89	23.92	23.90		
3	8	0		22.98	23.02	22.96		
3	8	4		22.93	22.95	22.87		
3	8	7		22.99	23.00	22.92		
3	15	0		22.96	23.03	22.99		
3	1	0	16-QAM	23.27	23.32	23.26	18.58	0.0721
3	1	8		23.22	23.22	23.16		
3	1	14		23.32	23.33	23.15		
3	8	0		22.03	22.07	22.01		
3	8	4		22.00	22.03	21.96		
3	8	7		22.00	22.03	21.94		
3	15	0		21.96	22.03	21.98		
3	1	0	64-QAM	22.20	22.23	22.20	17.50	0.0562
3	1	8		22.11	22.13	22.05		
3	1	14		22.22	22.25	22.12		
3	8	0		20.04	20.07	20.02		
3	8	4		20.00	20.01	19.97		
3	8	7		20.05	20.09	20.02		
3	15	0		19.94	20.00	19.95		
3	1	0	256-QAM	17.46	17.45	17.57	12.82	0.0191
3	1	8		17.17	17.32	17.26		
3	1	14		17.25	17.38	17.35		
3	8	0		17.09	17.15	17.04		
3	8	4		16.88	16.85	16.83		
3	8	7		16.89	16.87	16.79		
3	15	0		16.82	16.91	16.77		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.88	23.97	23.93	19.22	0.0836
1.4	1	3		23.87	23.91	23.82		
1.4	1	5		23.90	23.89	23.88		
1.4	3	0		23.90	23.88	23.86		
1.4	3	1		23.79	23.75	23.72		
1.4	3	3		23.91	23.88	23.85		
1.4	6	0		22.90	22.89	22.86		
1.4	1	0	16-QAM	23.21	23.23	23.14	18.48	0.0705
1.4	1	3		23.14	23.08	22.99		
1.4	1	5		23.22	23.18	23.08		
1.4	3	0		22.87	22.86	22.81		
1.4	3	1		22.96	22.93	22.88		
1.4	3	3		22.90	22.87	22.80		
1.4	6	0		21.97	21.95	21.93		
1.4	1	0	64-QAM	22.16	22.17	22.11	17.42	0.0552
1.4	1	3		21.97	21.97	21.91		
1.4	1	5		22.15	22.13	22.06		
1.4	3	0		22.02	22.00	21.92		
1.4	3	1		22.08	22.06	21.97		
1.4	3	3		22.08	22.06	21.99		
1.4	6	0		19.91	19.90	19.84		
1.4	1	0	256-QAM	17.47	17.48	17.43	12.73	0.0187
1.4	1	3		17.31	17.44	17.35		
1.4	1	5		17.35	17.40	17.36		
1.4	3	0		17.34	17.45	17.32		
1.4	3	1		17.32	17.35	17.24		
1.4	3	3		17.21	17.30	17.25		
1.4	6	0		16.72	16.82	16.76		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.88	23.98	23.97	24.78	0.3006
20	1	49		23.83	23.74	23.82		
20	1	99		23.86	23.90	23.95		
20	50	0		22.99	23.00	22.98		
20	50	24		22.96	22.98	22.96		
20	50	50		22.97	22.97	22.94		
20	100	0		22.87	22.97	22.95		
20	1	0	16-QAM	23.09	23.12	23.14	24.13	0.2588
20	1	49		23.08	23.13	23.21		
20	1	99		23.17	23.21	23.33		
20	50	0		21.86	21.85	21.94		
20	50	24		21.85	21.86	21.96		
20	50	50		21.85	21.87	21.99		
20	100	0		21.86	21.88	21.96		
20	1	0	64-QAM	22.00	22.06	22.05	23.01	0.2000
20	1	49		22.03	22.08	22.18		
20	1	99		22.08	22.10	22.21		
20	50	0		20.87	20.89	20.96		
20	50	24		20.89	20.89	20.98		
20	50	50		20.87	20.88	21.01		
20	100	0		20.85	20.87	20.96		
20	1	0	256-QAM	18.75	18.88	18.84	19.68	0.0929
20	1	49		18.35	18.45	18.40		
20	1	99		18.51	18.57	18.48		
20	50	0		18.49	18.64	18.58		
20	50	24		18.44	18.61	18.53		
20	50	50		18.43	18.62	18.56		
20	100	0		18.48	18.65	18.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.81	23.80	23.88	24.72	0.2965
15	1	37		23.77	23.75	23.84		
15	1	74		23.82	23.86	23.92		
15	36	0		22.82	22.84	22.86		
15	36	20		22.80	22.82	22.89		
15	36	39		22.80	22.83	22.91		
15	75	0		22.82	22.84	22.89		
15	1	0	16-QAM	23.06	23.12	23.19	24.09	0.2564
15	1	37		23.19	23.21	23.29		
15	1	74		23.06	23.15	23.21		
15	36	0		21.79	21.84	21.85		
15	36	20		21.80	21.82	21.88		
15	36	39		21.80	21.83	21.91		
15	75	0		21.82	21.85	21.92		
15	1	0	64-QAM	21.99	22.03	22.07	23.02	0.2004
15	1	37		22.13	22.13	22.22		
15	1	74		21.96	22.04	22.16		
15	36	0		20.79	20.86	20.90		
15	36	20		20.82	20.84	20.91		
15	36	39		20.82	20.83	20.94		
15	75	0		20.80	20.82	20.90		
15	1	0	256-QAM	18.66	18.82	18.80	19.62	0.0916
15	1	37		18.34	18.44	18.38		
15	1	74		18.50	18.49	18.47		
15	36	0		18.42	18.57	18.55		
15	36	20		18.39	18.59	18.47		
15	36	39		18.35	18.56	18.52		
15	75	0		18.46	18.58	18.49		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.77	23.77	23.84	24.72	0.2965
10	1	25		23.92	23.79	23.86		
10	1	49		23.81	23.78	23.86		
10	25	0		22.77	22.78	22.86		
10	25	12		22.77	22.80	22.85		
10	25	25		22.80	22.80	22.86		
10	50	0		22.79	22.81	22.85		
10	1	0	16-QAM	22.99	23.02	23.09	23.92	0.2466
10	1	25		22.98	22.98	23.03		
10	1	49		23.04	23.07	23.12		
10	25	0		21.75	21.81	21.83		
10	25	12		21.78	21.80	21.83		
10	25	25		21.79	21.79	21.85		
10	50	0		21.77	21.79	21.86		
10	1	0	64-QAM	21.87	21.96	21.99	22.79	0.1901
10	1	25		21.80	21.83	21.90		
10	1	49		21.95	21.98	21.99		
10	25	0		20.73	20.76	20.82		
10	25	12		20.75	20.77	20.82		
10	25	25		20.76	20.76	20.84		
10	50	0		20.78	20.78	20.82		
10	1	0	256-QAM	18.70	18.79	18.81	19.61	0.0914
10	1	25		18.33	18.43	18.38		
10	1	49		18.47	18.48	18.38		
10	25	0		18.46	18.61	18.52		
10	25	12		18.40	18.59	18.47		
10	25	25		18.41	18.59	18.55		
10	50	0		18.45	18.55	18.47		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.81	23.88	23.93	24.73	0.2972
5	1	12		23.70	23.79	23.83		
5	1	24		23.72	23.86	23.87		
5	12	0		22.72	22.77	22.84		
5	12	7		22.73	22.80	22.84		
5	12	13		22.73	22.79	22.83		
5	25	0		22.73	22.81	22.80		
5	1	0	16-QAM	23.03	23.11	23.12	24.01	0.2518
5	1	12		23.12	23.17	23.21		
5	1	24		23.07	23.10	23.11		
5	12	0		21.71	21.80	21.82		
5	12	7		21.73	21.81	21.84		
5	12	13		21.72	21.79	21.82		
5	25	0		21.69	21.76	21.81		
5	1	0	64-QAM	21.93	22.01	22.06	22.94	0.1968
5	1	12		22.03	22.09	22.14		
5	1	24		21.95	21.98	22.02		
5	12	0		20.75	20.82	20.88		
5	12	7		20.75	20.81	20.87		
5	12	13		20.77	20.79	20.86		
5	25	0		20.70	20.74	20.79		
5	1	0	256-QAM	18.71	18.86	18.76	19.66	0.0925
5	1	12		18.27	18.37	18.38		
5	1	24		18.50	18.53	18.38		
5	12	0		18.39	18.56	18.48		
5	12	7		18.37	18.52	18.47		
5	12	13		18.33	18.59	18.53		
5	25	0		18.42	18.59	18.48		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.35	24.36	24.30	19.41	0.0873
10	1	25		24.33	24.31	24.29		
10	1	49		24.31	24.31	24.29		
10	25	0		23.35	23.38	23.37		
10	25	12		23.33	23.33	23.35		
10	25	25		23.34	23.35	23.36		
10	50	0		23.36	23.39	23.37		
10	1	0	16-QAM	23.53	23.53	23.51	18.58	0.0721
10	1	25		23.52	23.48	23.46		
10	1	49		23.49	23.48	23.50		
10	25	0		22.35	22.31	22.34		
10	25	12		22.32	22.33	22.34		
10	25	25		22.32	22.30	22.35		
10	50	0		22.33	22.32	22.35		
10	1	0	64-QAM	22.49	22.49	22.45	17.54	0.0568
10	1	25		22.42	22.38	22.36		
10	1	49		22.43	22.41	22.43		
10	25	0		20.32	20.31	20.32		
10	25	12		20.31	20.31	20.33		
10	25	25		20.32	20.31	20.33		
10	50	0		20.33	20.34	20.35		
10	1	0	256-QAM	18.87	18.83	18.77	13.92	0.0247
10	1	25		18.81	18.84	18.79		
10	1	49		18.81	18.85	18.83		
10	25	0		18.71	18.85	18.77		
10	25	12		18.69	18.82	18.81		
10	25	25		18.82	18.86	18.84		
10	50	0		18.66	18.81	18.73		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.18	24.28	24.32	19.37	0.0865
5	1	12		24.16	24.17	24.20		
5	1	24		24.21	24.19	24.25		
5	12	0		23.27	23.25	23.28		
5	12	7		23.27	23.25	23.27		
5	12	13		23.27	23.23	23.27		
5	25	0		23.27	23.26	23.27		
5	1	0	16-QAM	23.49	23.48	23.48	18.61	0.0726
5	1	12		23.56	23.50	23.54		
5	1	24		23.49	23.43	23.43		
5	12	0		22.29	22.23	22.27		
5	12	7		22.30	22.26	22.29		
5	12	13		22.28	22.22	22.26		
5	25	0		22.25	22.21	22.23		
5	1	0	64-QAM	22.45	22.44	22.47	17.60	0.0575
5	1	12		22.55	22.52	22.55		
5	1	24		22.43	22.39	22.43		
5	12	0		20.32	20.29	20.32		
5	12	7		20.32	20.30	20.30		
5	12	13		20.32	20.29	20.31		
5	25	0		20.27	20.23	20.26		
5	1	0	256-QAM	18.82	18.81	18.75	13.89	0.0245
5	1	12		18.72	18.83	18.71		
5	1	24		18.75	18.80	18.79		
5	12	0		18.63	18.84	18.72		
5	12	7		18.66	18.76	18.73		
5	12	13		18.79	18.76	18.82		
5	25	0		18.63	18.80	18.65		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.30	24.27	24.18	19.35	0.0861
3	1	8		24.16	24.20	24.12		
3	1	14		24.18	24.30	24.16		
3	8	0		23.28	23.25	23.28		
3	8	4		23.21	23.16	23.22		
3	8	7		23.24	23.21	23.25		
3	15	0		23.33	23.29	23.34		
3	1	0	16-QAM	23.48	23.44	23.51	18.56	0.0718
3	1	8		23.41	23.37	23.44		
3	1	14		23.51	23.46	23.48		
3	8	0		22.31	22.26	22.30		
3	8	4		22.28	22.23	22.29		
3	8	7		22.28	22.23	22.28		
3	15	0		22.28	22.26	22.29		
3	1	0	64-QAM	22.47	22.42	22.46	17.53	0.0566
3	1	8		22.37	22.34	22.38		
3	1	14		22.48	22.43	22.42		
3	8	0		20.32	20.26	20.31		
3	8	4		20.25	20.22	20.27		
3	8	7		20.32	20.29	20.32		
3	15	0		20.24	20.20	20.23		
3	1	0	256-QAM	18.85	18.82	18.68	13.90	0.0245
3	1	8		18.72	18.75	18.72		
3	1	14		18.73	18.80	18.80		
3	8	0		18.65	18.79	18.70		
3	8	4		18.67	18.76	18.72		
3	8	7		18.79	18.80	18.75		
3	15	0		18.62	18.72	18.63		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.12	24.19	24.24	19.29	0.0849
1.4	1	3		24.06	24.11	24.15		
1.4	1	5		24.12	24.12	24.20		
1.4	3	0		24.14	24.14	24.17		
1.4	3	1		24.03	24.01	24.03		
1.4	3	3		24.16	24.13	24.16		
1.4	6	0		23.33	23.32	23.31		
1.4	1	0	16-QAM	23.57	23.54	23.59	18.64	0.0731
1.4	1	3		23.48	23.45	23.46		
1.4	1	5		23.57	23.53	23.56		
1.4	3	0		23.27	23.24	23.28		
1.4	3	1		23.33	23.29	23.33		
1.4	3	3		23.29	23.25	23.27		
1.4	6	0		22.39	22.36	22.38		
1.4	1	0	64-QAM	22.54	22.48	22.58	17.63	0.0579
1.4	1	3		22.37	22.31	22.38		
1.4	1	5		22.53	22.48	22.54		
1.4	3	0		22.41	22.36	22.41		
1.4	3	1		22.46	22.39	22.43		
1.4	3	3		22.45	22.42	22.46		
1.4	6	0		20.32	20.29	20.32		
1.4	1	0	256-QAM	18.75	18.71	18.69	13.80	0.0240
1.4	1	3		18.50	18.65	18.54		
1.4	1	5		18.53	18.60	18.46		
1.4	3	0		18.64	18.70	18.62		
1.4	3	1		18.66	18.68	18.59		
1.4	3	3		18.60	18.62	18.61		
1.4	6	0		18.62	18.75	18.63		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.8 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.14	-	19.19	0.0830			
10	1	25			24.05						
10	1	49			24.05						
10	25	0			23.12						
10	25	12			23.10						
10	25	25			23.10						
10	50	0			23.16						
10	1	0	16-QAM		23.27		-	18.35	0.0684		
10	1	25			23.26						
10	1	49			23.30						
10	25	0			22.15						
10	25	12			22.14						
10	25	25			22.13						
10	50	0			22.18						
10	1	0	64-QAM		22.27			-	17.32	0.0540	
10	1	25			22.19						
10	1	49			22.26						
10	25	0			20.13						
10	25	12			20.14						
10	25	25			20.11						
10	50	0			20.17						
10	1	0	256-QAM		18.53				-	13.58	0.0228
10	1	25			18.51						
10	1	49			18.46						
10	25	0			18.50						
10	25	12			18.53						
10	25	25			18.47						
10	50	0			18.50						
Limit	ERP < 3W			Result						Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.00	23.98	24.13	19.18	0.0828
5	1	12		23.99	23.92	24.03		
5	1	24		24.00	23.97	24.07		
5	12	0		23.10	23.07	23.10		
5	12	7		23.07	23.04	23.10		
5	12	13		23.10	23.06	23.10		
5	25	0		23.04	23.03	23.07		
5	1	0	16-QAM	23.28	23.34	23.31	18.45	0.0700
5	1	12		23.40	23.30	23.39		
5	1	24		23.28	23.29	23.29		
5	12	0		22.11	22.10	22.12		
5	12	7		22.15	22.13	22.15		
5	12	13		22.11	22.09	22.13		
5	25	0		22.06	22.06	22.05		
5	1	0	64-QAM	22.23	22.34	22.32	17.51	0.0564
5	1	12		22.46	22.39	22.44		
5	1	24		22.25	22.28	22.28		
5	12	0		20.13	20.13	20.14		
5	12	7		20.15	20.12	20.16		
5	12	13		20.13	20.10	20.13		
5	25	0		20.09	20.05	20.08		
5	1	0	256-QAM	18.38	18.43	18.39	13.55	0.0226
5	1	12		18.48	18.43	18.50		
5	1	24		18.38	18.44	18.34		
5	12	0		18.38	18.41	18.48		
5	12	7		18.48	18.40	18.42		
5	12	13		18.46	18.43	18.44		
5	25	0		18.37	18.41	18.48		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.52	24.54	24.53	19.59	0.0910
10	1	25		24.50	24.53	24.51		
10	1	49		24.51	24.50	24.51		
10	25	0		23.59	23.68	23.63		
10	25	12		23.56	23.63	23.61		
10	25	25		23.58	23.66	23.59		
10	50	0		23.58	23.68	23.60		
10	1	0	16-QAM	23.70	23.71	23.69	18.90	0.0776
10	1	25		23.64	23.85	23.69		
10	1	49		23.69	23.70	23.64		
10	25	0		22.53	22.58	22.55		
10	25	12		22.53	22.57	22.51		
10	25	25		22.53	22.60	22.52		
10	50	0		22.53	22.59	22.56		
10	1	0	64-QAM	22.64	22.68	22.60	17.79	0.0601
10	1	25		22.56	22.74	22.56		
10	1	49		22.64	22.67	22.61		
10	25	0		20.52	20.60	20.49		
10	25	12		20.52	20.58	20.52		
10	25	25		20.51	20.57	20.51		
10	50	0		20.53	20.60	20.53		
10	1	0	256-QAM	18.94	18.95	18.89	14.03	0.0253
10	1	25		18.81	18.94	18.80		
10	1	49		18.76	18.86	18.83		
10	25	0		18.92	18.98	18.89		
10	25	12		18.91	18.93	18.78		
10	25	25		18.81	18.95	18.88		
10	50	0		18.87	18.90	18.77		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.52	24.45	24.51	19.57	0.0906
5	1	12		24.43	24.43	24.41		
5	1	24		24.48	24.48	24.38		
5	12	0		23.50	23.50	23.47		
5	12	7		23.44	23.49	23.46		
5	12	13		23.45	23.51	23.47		
5	25	0		23.48	23.55	23.48		
5	1	0	16-QAM	23.68	23.68	23.65	18.77	0.0753
5	1	12		23.70	23.71	23.72		
5	1	24		23.62	23.71	23.60		
5	12	0		22.45	22.48	22.44		
5	12	7		22.47	22.50	22.48		
5	12	13		22.43	22.47	22.45		
5	25	0		22.44	22.49	22.43		
5	1	0	64-QAM	22.63	22.66	22.60	17.81	0.0604
5	1	12		22.73	22.76	22.73		
5	1	24		22.59	22.64	22.58		
5	12	0		20.48	20.54	20.49		
5	12	7		20.48	20.52	20.49		
5	12	13		20.49	20.54	20.48		
5	25	0		20.44	20.50	20.44		
5	1	0	256-QAM	18.91	18.92	18.88	14.02	0.0252
5	1	12		18.72	18.85	18.70		
5	1	24		18.68	18.79	18.81		
5	12	0		18.83	18.97	18.88		
5	12	7		18.89	18.87	18.73		
5	12	13		18.78	18.91	18.85		
5	25	0		18.81	18.83	18.68		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.03	24.18	24.01	19.83	0.0962
15	1	37		23.84	23.83	23.76		
15	1	74		23.87	24.06	23.80		
15	36	0		23.04	22.88	22.97		
15	36	20		22.99	22.79	22.94		
15	36	39		22.96	22.81	22.91		
15	75	0		23.03	22.85	22.96		
15	1	0	16-QAM	23.30	23.22	23.27	19.11	0.0815
15	1	37		23.26	23.46	23.22		
15	1	74		23.16	23.33	23.01		
15	36	0		22.03	21.85	21.97		
15	36	20		21.97	22.16	21.95		
15	36	39		21.95	22.14	21.90		
15	75	0		21.98	21.89	21.96		
15	1	0	64-QAM	22.20	22.23	22.18	18.09	0.0644
15	1	37		22.25	22.44	22.22		
15	1	74		22.08	22.24	21.96		
15	36	0		20.05	19.90	19.98		
15	36	20		19.98	20.09	19.96		
15	36	39		19.96	19.93	19.91		
15	75	0		19.98	19.78	19.92		
15	1	0	256-QAM	17.28	17.22	17.27	12.93	0.0196
15	1	37		17.25	17.14	17.25		
15	1	74		17.21	17.11	17.22		
15	36	0		16.90	16.93	16.86		
15	36	20		16.89	17.05	16.82		
15	36	39		16.91	16.62	16.83		
15	75	0		16.96	16.88	16.81		
Limit	ERP < 7W			Result			Pass	



Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.06	23.98	23.93	19.71	0.0935
10	1	25		23.99	23.90	23.89		
10	1	49		23.88	23.90	23.80		
10	25	0		22.93	22.94	22.96		
10	25	12		22.94	23.02	22.92		
10	25	25		22.99	22.94	22.89		
10	50	0		22.93	23.00	22.94		
10	1	0	16-QAM	23.06	23.21	23.19	18.89	0.0774
10	1	25		23.18	23.19	23.11		
10	1	49		23.23	23.24	23.04		
10	25	0		21.98	22.06	21.95		
10	25	12		21.96	21.96	21.92		
10	25	25		21.94	21.89	21.88		
10	50	0		22.08	21.95	21.94		
10	1	0	64-QAM	22.04	22.21	22.09	17.86	0.0611
10	1	25		22.07	22.01	22.01		
10	1	49		22.18	22.11	21.94		
10	25	0		19.99	20.08	19.95		
10	25	12		20.04	20.01	19.93		
10	25	25		20.02	19.95	19.87		
10	50	0		19.93	20.06	19.95		
10	1	0	256-QAM	17.28	17.28	17.26	12.93	0.0196
10	1	25		17.20	17.09	17.19		
10	1	49		17.24	17.09	17.19		
10	25	0		16.72	16.75	16.84		
10	25	12		16.89	16.87	16.80		
10	25	25		16.84	16.96	16.74		
10	50	0		16.85	16.88	16.78		
Limit	ERP < 7W			Result			Pass	



Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.98	23.94	23.94	19.63	0.0918
5	1	12		23.88	23.89	23.81		
5	1	24		23.82	23.81	23.82		
5	12	0		22.86	22.93	22.91		
5	12	7		22.86	22.93	22.85		
5	12	13		22.91	22.97	22.83		
5	25	0		22.85	22.96	22.84		
5	1	0	16-QAM	23.06	23.27	23.19	18.92	0.0780
5	1	12		23.20	23.26	23.17		
5	1	24		23.13	23.14	23.01		
5	12	0		21.83	22.01	21.90		
5	12	7		21.84	22.05	21.91		
5	12	13		21.80	21.89	21.84		
5	25	0		21.91	21.96	21.84		
5	1	0	64-QAM	22.17	22.09	22.11	17.86	0.0611
5	1	12		22.19	22.21	22.19		
5	1	24		22.08	22.14	21.98		
5	12	0		19.85	20.04	19.93		
5	12	7		19.84	20.09	19.93		
5	12	13		20.01	19.89	19.90		
5	25	0		19.88	19.97	19.86		
5	1	0	256-QAM	17.27	17.27	17.20	12.92	0.0196
5	1	12		17.04	17.20	17.17		
5	1	24		17.21	17.23	17.20		
5	12	0		16.60	16.93	16.84		
5	12	7		16.83	16.89	16.81		
5	12	13		16.70	16.96	16.76		
5	25	0		16.99	16.88	16.76		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.96	24.16	24.04	19.81	0.0957
3	1	8		23.80	23.79	23.90		
3	1	14		23.96	23.93	24.00		
3	8	0		22.93	23.08	22.95		
3	8	4		23.03	22.90	22.88		
3	8	7		23.09	22.97	22.92		
3	15	0		22.92	23.02	22.97		
3	1	0	16-QAM	22.96	23.32	23.28	19.00	0.0794
3	1	8		22.97	23.33	23.15		
3	1	14		22.97	23.35	23.16		
3	8	0		22.06	22.07	22.03		
3	8	4		21.89	21.98	21.98		
3	8	7		21.88	22.06	21.95		
3	15	0		21.89	21.99	21.99		
3	1	0	64-QAM	21.94	22.35	22.20	18.00	0.0631
3	1	8		21.82	22.05	22.08		
3	1	14		22.02	22.27	22.11		
3	8	0		19.96	20.15	20.01		
3	8	4		20.03	19.96	19.96		
3	8	7		19.96	20.13	20.01		
3	15	0		19.91	19.97	19.95		
3	1	0	256-QAM	17.23	17.18	17.17	12.88	0.0194
3	1	8		17.10	17.12	17.23		
3	1	14		17.12	17.10	17.12		
3	8	0		16.67	16.90	16.79		
3	8	4		16.79	16.80	16.81		
3	8	7		16.76	16.75	16.81		
3	15	0		16.88	16.99	16.74		
Limit	ERP < 7W			Result			Pass	



Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.93	23.95	23.90	19.69	0.0931
1.4	1	3		23.96	24.04	23.82		
1.4	1	5		24.02	23.96	23.85		
1.4	3	0		24.02	24.02	23.89		
1.4	3	1		23.91	23.83	23.76		
1.4	3	3		23.99	23.92	23.91		
1.4	6	0		22.91	22.89	22.92		
1.4	1	0	16-QAM	23.26	23.31	23.17	18.96	0.0787
1.4	1	3		23.14	23.11	23.06		
1.4	1	5		23.29	23.30	23.12		
1.4	3	0		22.86	22.90	22.85		
1.4	3	1		22.93	22.96	22.90		
1.4	3	3		23.03	22.90	22.84		
1.4	6	0		22.03	22.07	21.96		
1.4	1	0	64-QAM	22.22	22.21	22.14	17.95	0.0624
1.4	1	3		22.10	22.16	21.94		
1.4	1	5		22.21	22.30	22.09		
1.4	3	0		22.07	22.02	22.00		
1.4	3	1		22.20	22.21	22.02		
1.4	3	3		22.12	22.22	22.03		
1.4	6	0		19.93	19.97	19.90		
1.4	1	0	256-QAM	17.16	17.18	17.15	12.87	0.0194
1.4	1	3		17.13	17.06	17.14		
1.4	1	5		17.19	17.04	17.13		
1.4	3	0		17.15	17.22	17.11		
1.4	3	1		17.18	17.19	17.16		
1.4	3	3		17.12	17.09	17.11		
1.4	6	0		17.06	17.16	17.03		
Limit	ERP < 7W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.88	23.96	23.89	26.86	0.4853
20	1	49		23.83	23.90	23.82		
20	1	99		23.91	23.93	23.87		
20	50	0		22.89	22.90	22.86		
20	50	24		22.85	22.88	22.82		
20	50	50		22.88	22.87	22.83		
20	100	0		22.84	22.86	22.83		
20	1	0	16-QAM	22.95	22.99	22.92	25.89	0.3882
20	1	49		22.91	22.89	22.86		
20	1	99		22.97	22.97	22.91		
20	50	0		21.88	21.88	21.83		
20	50	24		21.88	21.88	21.83		
20	50	50		21.90	21.89	21.84		
20	100	0		21.87	21.87	21.82		
20	1	0	64-QAM	21.64	21.64	21.61	24.55	0.2851
20	1	49		21.59	21.58	21.55		
20	1	99		21.65	21.65	21.59		
20	50	0		20.84	20.85	20.80		
20	50	24		20.83	20.84	20.80		
20	50	50		20.86	20.88	20.83		
20	100	0		20.83	20.86	20.80		
20	1	0	256-QAM	18.65	18.73	18.62	21.76	0.1500
20	1	49		18.47	18.50	18.45		
20	1	99		18.37	18.45	18.44		
20	50	0		18.78	18.86	18.77		
20	50	24		18.80	18.81	18.74		
20	50	50		18.70	18.75	18.69		
20	100	0		18.65	18.75	18.71		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.88	23.80	23.78	26.78	0.4764
15	1	37		23.73	23.86	23.83		
15	1	74		23.84	23.80	23.77		
15	36	0		22.84	22.78	22.74		
15	36	20		22.83	22.78	22.74		
15	36	39		22.83	22.78	22.73		
15	75	0		22.80	22.76	22.70		
15	1	0	16-QAM	22.88	22.87	22.83	25.82	0.3819
15	1	37		22.77	22.65	22.59		
15	1	74		22.92	22.87	22.84		
15	36	0		21.75	21.71	21.67		
15	36	20		21.76	21.70	21.67		
15	36	39		21.75	21.72	21.67		
15	75	0		21.79	21.77	21.71		
15	1	0	64-QAM	21.58	21.53	21.48	24.63	0.2904
15	1	37		21.73	21.69	21.63		
15	1	74		21.59	21.54	21.50		
15	36	0		20.72	20.69	20.65		
15	36	20		20.74	20.68	20.66		
15	36	39		20.72	20.70	20.65		
15	75	0		20.74	20.72	20.65		
15	1	0	256-QAM	18.62	18.63	18.61	21.71	0.1483
15	1	37		18.44	18.42	18.44		
15	1	74		18.27	18.43	18.38		
15	36	0		18.69	18.81	18.76		
15	36	20		18.73	18.71	18.66		
15	36	39		18.62	18.70	18.59		
15	75	0		18.57	18.71	18.67		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.94	23.90	23.90	26.84	0.4831
10	1	25		23.84	23.81	23.80		
10	1	49		23.89	23.92	23.93		
10	25	0		22.93	22.87	22.87		
10	25	12		22.93	22.88	22.86		
10	25	25		22.95	22.89	22.87		
10	50	0		22.94	22.88	22.86		
10	1	0	16-QAM	23.03	23.00	22.99	26.16	0.4130
10	1	25		23.26	23.20	23.20		
10	1	49		23.03	22.97	22.96		
10	25	0		21.95	21.89	21.90		
10	25	12		21.96	21.88	21.89		
10	25	25		21.96	21.91	21.89		
10	50	0		21.96	21.88	21.88		
10	1	0	64-QAM	21.70	21.65	21.63	24.76	0.2992
10	1	25		21.86	21.86	21.83		
10	1	49		21.71	21.65	21.61		
10	25	0		20.94	20.90	20.89		
10	25	12		20.98	20.90	20.88		
10	25	25		20.97	20.91	20.90		
10	50	0		20.91	20.86	20.87		
10	1	0	256-QAM	18.63	18.67	18.53	21.69	0.1476
10	1	25		18.37	18.41	18.37		
10	1	49		18.36	18.42	18.40		
10	25	0		18.69	18.79	18.67		
10	25	12		18.72	18.72	18.68		
10	25	25		18.62	18.65	18.62		
10	50	0		18.55	18.69	18.63		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.90	23.88	23.87	26.83	0.4819
5	1	12		23.85	23.93	23.79		
5	1	24		23.93	23.92	23.86		
5	12	0		22.95	22.88	22.81		
5	12	7		22.91	22.86	22.81		
5	12	13		22.89	22.85	22.80		
5	25	0		22.90	22.85	22.82		
5	1	0	16-QAM	22.92	22.88	22.84	25.87	0.3864
5	1	12		22.84	22.77	22.70		
5	1	24		22.97	22.93	22.90		
5	12	0		21.88	21.84	21.80		
5	12	7		21.86	21.82	21.74		
5	12	13		21.88	21.87	21.79		
5	25	0		21.91	21.89	21.84		
5	1	0	64-QAM	21.68	21.66	21.63	24.71	0.2958
5	1	12		21.80	21.81	21.76		
5	1	24		21.70	21.67	21.62		
5	12	0		20.88	20.85	20.81		
5	12	7		20.88	20.82	20.77		
5	12	13		20.87	20.84	20.79		
5	25	0		20.91	20.87	20.86		
5	1	0	256-QAM	18.56	18.64	18.58	21.69	0.1476
5	1	12		18.45	18.46	18.44		
5	1	24		18.31	18.42	18.40		
5	12	0		18.76	18.79	18.68		
5	12	7		18.79	18.78	18.71		
5	12	13		18.66	18.66	18.65		
5	25	0		18.55	18.65	18.67		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.82	25.84	25.75	28.74	0.7482
20	1	49		25.74	25.75	25.69		
20	1	99		25.81	25.82	25.74		
20	50	0		24.87	24.92	24.85		
20	50	24		24.86	24.91	24.83		
20	50	50		24.86	24.90	24.82		
20	100	0		24.82	24.90	24.83		
20	1	0	16-QAM	25.08	25.11	25.07	28.02	0.6339
20	1	49		25.02	25.05	24.98		
20	1	99		25.08	25.12	25.05		
20	50	0		23.84	23.88	23.81		
20	50	24		23.85	23.90	23.84		
20	50	50		23.86	23.88	23.82		
20	100	0		23.82	23.86	23.81		
20	1	0	64-QAM	23.91	23.94	23.90	26.84	0.4831
20	1	49		23.87	23.89	23.84		
20	1	99		23.94	23.92	23.88		
20	50	0		22.80	22.81	22.74		
20	50	24		22.79	22.81	22.77		
20	50	50		22.81	22.82	22.78		
20	100	0		22.78	22.81	22.75		
20	1	0	256-QAM	20.71	20.73	20.66	23.69	0.2339
20	1	49		20.53	20.55	20.47		
20	1	99		20.42	20.52	20.46		
20	50	0		20.75	20.79	20.71		
20	50	24		20.72	20.74	20.72		
20	50	50		20.69	20.71	20.65		
20	100	0		20.67	20.68	20.58		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.79	25.77	25.78	28.73	0.7464
15	1	37		25.83	25.82	25.79		
15	1	74		25.79	25.77	25.81		
15	36	0		24.93	24.88	24.85		
15	36	20		24.91	24.88	24.87		
15	36	39		24.93	24.88	24.85		
15	75	0		24.89	24.84	24.82		
15	1	0	16-QAM	25.15	25.12	25.10	28.22	0.6637
15	1	37		25.32	25.25	25.24		
15	1	74		25.19	25.12	25.05		
15	36	0		23.87	23.84	23.82		
15	36	20		23.87	23.85	23.82		
15	36	39		23.87	23.84	23.81		
15	75	0		23.89	23.84	23.80		
15	1	0	64-QAM	23.96	23.93	23.90	27.01	0.5023
15	1	37		24.11	24.07	24.06		
15	1	74		23.99	23.95	23.90		
15	36	0		22.83	22.81	22.78		
15	36	20		22.84	22.80	22.78		
15	36	39		22.85	22.80	22.78		
15	75	0		22.84	22.79	22.76		
15	1	0	256-QAM	20.62	20.64	20.57	23.63	0.2307
15	1	37		20.43	20.50	20.37		
15	1	74		20.35	20.51	20.44		
15	36	0		20.70	20.71	20.67		
15	36	20		20.67	20.73	20.65		
15	36	39		20.60	20.68	20.59		
15	75	0		20.58	20.67	20.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.81	25.76	25.76	28.72	0.7447
10	1	25		25.80	25.82	25.80		
10	1	49		25.78	25.77	25.76		
10	25	0		24.87	24.83	24.83		
10	25	12		24.85	24.82	24.82		
10	25	25		24.89	24.83	24.82		
10	50	0		24.90	24.85	24.88		
10	1	0	16-QAM	25.15	25.08	25.09	28.14	0.6516
10	1	25		25.24	25.20	25.20		
10	1	49		25.15	25.07	25.07		
10	25	0		23.90	23.85	23.84		
10	25	12		23.89	23.85	23.84		
10	25	25		23.92	23.87	23.85		
10	50	0		23.90	23.85	23.84		
10	1	0	64-QAM	23.97	23.94	23.92	26.94	0.4943
10	1	25		24.04	24.04	23.98		
10	1	49		23.97	23.92	23.89		
10	25	0		22.91	22.85	22.85		
10	25	12		22.91	22.84	22.84		
10	25	25		22.90	22.86	22.85		
10	50	0		22.84	22.79	22.78		
10	1	0	256-QAM	20.65	20.64	20.65	23.64	0.2312
10	1	25		20.48	20.50	20.39		
10	1	49		20.39	20.48	20.40		
10	25	0		20.72	20.74	20.61		
10	25	12		20.68	20.66	20.67		
10	25	25		20.65	20.63	20.59		
10	50	0		20.61	20.63	20.51		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.82	25.82	25.77	28.72	0.7447
5	1	12		25.81	25.80	25.74		
5	1	24		25.78	25.79	25.72		
5	12	0		24.82	24.80	24.76		
5	12	7		24.84	24.82	24.77		
5	12	13		24.81	24.81	24.77		
5	25	0		24.84	24.85	24.77		
5	1	0	16-QAM	25.09	25.09	25.05	28.20	0.6607
5	1	12		25.30	25.26	25.20		
5	1	24		25.10	25.10	25.04		
5	12	0		23.85	23.86	23.80		
5	12	7		23.85	23.82	23.79		
5	12	13		23.87	23.85	23.82		
5	25	0		23.87	23.86	23.82		
5	1	0	64-QAM	23.88	23.88	23.83	26.96	0.4966
5	1	12		24.06	24.03	23.98		
5	1	24		23.92	23.91	23.87		
5	12	0		22.83	22.81	22.79		
5	12	7		22.83	22.80	22.77		
5	12	13		22.85	22.82	22.78		
5	25	0		22.85	22.83	22.80		
5	1	0	256-QAM	20.65	20.72	20.64	23.65	0.2317
5	1	12		20.47	20.50	20.46		
5	1	24		20.34	20.43	20.43		
5	12	0		20.69	20.75	20.65		
5	12	7		20.63	20.64	20.64		
5	12	13		20.66	20.69	20.59		
5	25	0		20.57	20.62	20.54		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.86	23.95	23.49	26.85	0.4842
20	1	49		23.85	23.92	23.48		
20	1	99		23.79	23.91	23.43		
20	50	0		22.80	22.88	22.41		
20	50	24		22.79	22.85	22.35		
20	50	50		22.78	22.87	22.34		
20	100	0		22.79	22.85	22.34		
20	1	0	16-QAM	22.89	22.97	22.49	25.87	0.3864
20	1	49		22.79	22.88	22.41		
20	1	99		22.84	22.96	22.47		
20	50	0		21.80	21.86	21.38		
20	50	24		21.80	21.85	21.38		
20	50	50		21.79	21.87	21.37		
20	100	0		21.79	21.85	21.36		
20	1	0	64-QAM	21.57	21.63	21.25	24.53	0.2838
20	1	49		21.51	21.57	21.21		
20	1	99		21.54	21.63	21.22		
20	50	0		20.76	20.83	20.34		
20	50	24		20.74	20.82	20.33		
20	50	50		20.76	20.85	20.33		
20	100	0		20.75	20.82	20.33		
20	1	0	256-QAM	18.45	18.71	18.41	21.78	0.1507
20	1	49		18.22	18.50	18.25		
20	1	99		18.25	18.47	18.26		
20	50	0		18.60	18.88	18.53		
20	50	24		18.44	18.83	18.44		
20	50	50		18.46	18.77	18.45		
20	100	0		18.43	18.76	18.36		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.89	23.94	23.41	26.84	0.4831
15	1	37		23.73	23.94	23.48		
15	1	74		23.87	23.92	23.39		
15	36	0		22.88	22.89	22.36		
15	36	20		22.86	22.90	22.34		
15	36	39		22.85	22.89	22.34		
15	75	0		22.85	22.87	22.32		
15	1	0	16-QAM	22.93	22.95	22.45	25.89	0.3882
15	1	37		22.72	22.77	22.23		
15	1	74		22.91	22.99	22.43		
15	36	0		21.77	21.81	21.28		
15	36	20		21.78	21.81	21.26		
15	36	39		21.78	21.84	21.27		
15	75	0		21.84	21.88	21.33		
15	1	0	64-QAM	21.62	21.65	21.22	24.68	0.2938
15	1	37		21.77	21.78	21.26		
15	1	74		21.60	21.65	21.28		
15	36	0		20.77	20.81	20.26		
15	36	20		20.75	20.82	20.27		
15	36	39		20.76	20.85	20.25		
15	75	0		20.80	20.83	20.28		
15	1	0	256-QAM	18.50	18.73	18.46	21.87	0.1538
15	1	37		18.31	18.50	18.36		
15	1	74		18.34	18.51	18.34		
15	36	0		18.60	18.97	18.54		
15	36	20		18.52	18.83	18.52		
15	36	39		18.46	18.77	18.53		
15	75	0		18.48	18.79	18.41		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.85	23.93	23.41	26.83	0.4819
10	1	25		23.78	23.91	23.45		
10	1	49		23.88	23.90	23.42		
10	25	0		22.91	22.96	22.41		
10	25	12		22.85	22.95	22.37		
10	25	25		22.86	22.99	22.38		
10	50	0		22.86	22.96	22.35		
10	1	0	16-QAM	22.96	23.06	22.54	26.23	0.4198
10	1	25		23.14	23.33	22.72		
10	1	49		22.90	23.03	22.48		
10	25	0		21.87	21.98	21.41		
10	25	12		21.84	21.98	21.37		
10	25	25		21.86	21.99	21.42		
10	50	0		21.86	21.97	21.39		
10	1	0	64-QAM	21.61	21.71	21.25	24.83	0.3041
10	1	25		21.79	21.93	21.34		
10	1	49		21.58	21.71	21.25		
10	25	0		20.87	20.98	20.40		
10	25	12		20.84	20.97	20.38		
10	25	25		20.86	20.99	20.42		
10	50	0		20.80	20.93	20.36		
10	1	0	256-QAM	18.47	18.73	18.48	21.78	0.1507
10	1	25		18.34	18.51	18.35		
10	1	49		18.32	18.55	18.30		
10	25	0		18.68	18.88	18.57		
10	25	12		18.48	18.87	18.53		
10	25	25		18.50	18.80	18.50		
10	50	0		18.50	18.83	18.45		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.85	23.94	23.41	26.84	0.4831
5	1	12		23.66	23.83	23.27		
5	1	24		23.79	23.91	23.36		
5	12	0		22.88	22.92	22.41		
5	12	7		22.85	22.96	22.42		
5	12	13		22.82	22.93	22.34		
5	25	0		22.85	22.94	22.35		
5	1	0	16-QAM	22.83	22.95	22.41	25.91	0.3899
5	1	12		22.70	22.81	22.25		
5	1	24		22.88	23.01	22.44		
5	12	0		21.81	21.91	21.33		
5	12	7		21.77	21.91	21.27		
5	12	13		21.80	21.92	21.33		
5	25	0		21.85	21.97	21.36		
5	1	0	64-QAM	21.61	21.73	21.26	24.80	0.3020
5	1	12		21.78	21.90	21.28		
5	1	24		21.60	21.75	21.25		
5	12	0		20.81	20.91	20.34		
5	12	7		20.79	20.89	20.29		
5	12	13		20.81	20.91	20.33		
5	25	0		20.87	20.94	20.38		
5	1	0	256-QAM	18.53	18.73	18.50	21.83	0.1524
5	1	12		18.35	18.59	18.31		
5	1	24		18.32	18.53	18.34		
5	12	0		18.61	18.93	18.58		
5	12	7		18.48	18.86	18.49		
5	12	13		18.46	18.79	18.54		
5	25	0		18.50	18.83	18.42		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.72	25.85	25.36	28.75	0.7499
20	1	49		25.63	25.80	25.31		
20	1	99		25.71	25.84	25.33		
20	50	0		24.88	24.97	24.42		
20	50	24		24.84	24.96	24.39		
20	50	50		24.85	24.94	24.39		
20	100	0		24.82	24.94	24.38		
20	1	0	16-QAM	24.93	25.16	24.69	28.08	0.6427
20	1	49		24.91	25.08	24.61		
20	1	99		24.98	25.18	24.65		
20	50	0		23.83	23.91	23.40		
20	50	24		23.81	23.93	23.41		
20	50	50		23.81	23.93	23.42		
20	100	0		23.80	23.89	23.40		
20	1	0	64-QAM	23.84	23.98	23.52	26.88	0.4875
20	1	49		23.79	23.93	23.48		
20	1	99		23.85	23.98	23.50		
20	50	0		22.76	22.86	22.37		
20	50	24		22.74	22.85	22.33		
20	50	50		22.79	22.87	22.32		
20	100	0		22.76	22.84	22.35		
20	1	0	256-QAM	20.51	20.73	20.41	23.68	0.2333
20	1	49		20.28	20.55	20.32		
20	1	99		20.23	20.52	20.24		
20	50	0		20.50	20.78	20.49		
20	50	24		20.53	20.76	20.55		
20	50	50		20.48	20.70	20.47		
20	100	0		20.44	20.69	20.40		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.74	25.82	25.39	28.73	0.7464
15	1	37		25.83	25.80	25.55		
15	1	74		25.79	25.83	25.33		
15	36	0		24.88	24.94	24.39		
15	36	20		24.89	24.95	24.41		
15	36	39		24.88	24.92	24.38		
15	75	0		24.87	24.90	24.30		
15	1	0	16-QAM	24.98	25.16	24.65	28.22	0.6637
15	1	37		25.15	25.32	24.79		
15	1	74		25.02	25.16	24.60		
15	36	0		23.84	23.89	23.35		
15	36	20		23.83	23.87	23.37		
15	36	39		23.84	23.89	23.36		
15	75	0		23.85	23.89	23.35		
15	1	0	64-QAM	23.87	23.95	23.47	27.02	0.5035
15	1	37		24.03	24.12	23.63		
15	1	74		23.90	23.98	23.44		
15	36	0		22.81	22.85	22.29		
15	36	20		22.82	22.86	22.30		
15	36	39		22.80	22.87	22.30		
15	75	0		22.81	22.85	22.28		
15	1	0	256-QAM	20.45	20.67	20.34	23.66	0.2323
15	1	37		20.24	20.51	20.29		
15	1	74		20.17	20.50	20.15		
15	36	0		20.41	20.76	20.39		
15	36	20		20.48	20.73	20.49		
15	36	39		20.41	20.66	20.37		
15	75	0		20.42	20.66	20.33		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.58	25.83	25.28	28.73	0.7464
10	1	25		25.65	25.77	25.31		
10	1	49		25.64	25.75	25.26		
10	25	0		24.78	24.89	24.29		
10	25	12		24.78	24.88	24.30		
10	25	25		24.79	24.90	24.30		
10	50	0		24.83	24.93	24.32		
10	1	0	16-QAM	24.86	25.13	24.62	28.15	0.6531
10	1	25		25.01	25.25	24.65		
10	1	49		24.94	25.13	24.54		
10	25	0		23.78	23.92	23.34		
10	25	12		23.76	23.89	23.33		
10	25	25		23.77	23.91	23.34		
10	50	0		23.78	23.89	23.31		
10	1	0	64-QAM	23.78	23.98	23.47	26.93	0.4932
10	1	25		23.89	24.03	23.46		
10	1	49		23.79	23.95	23.41		
10	25	0		22.78	22.90	22.36		
10	25	12		22.77	22.91	22.36		
10	25	25		22.78	22.92	22.35		
10	50	0		22.72	22.84	22.28		
10	1	0	256-QAM	20.45	20.67	20.34	23.60	0.2291
10	1	25		20.18	20.45	20.28		
10	1	49		20.18	20.45	20.20		
10	25	0		20.46	20.70	20.46		
10	25	12		20.46	20.70	20.52		
10	25	25		20.38	20.67	20.40		
10	50	0		20.35	20.60	20.35		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.60	25.79	25.28	28.72	0.7447
5	1	12		25.62	25.82	25.27		
5	1	24		25.62	25.82	25.24		
5	12	0		24.76	24.86	24.26		
5	12	7		24.77	24.88	24.28		
5	12	13		24.74	24.85	24.25		
5	25	0		24.80	24.89	24.29		
5	1	0	16-QAM	24.86	25.13	24.60	28.22	0.6637
5	1	12		25.02	25.32	24.74		
5	1	24		24.89	25.13	24.58		
5	12	0		23.77	23.90	23.34		
5	12	7		23.71	23.86	23.31		
5	12	13		23.75	23.90	23.33		
5	25	0		23.77	23.91	23.33		
5	1	0	64-QAM	23.72	23.90	23.38	26.98	0.4989
5	1	12		23.90	24.08	23.53		
5	1	24		23.77	23.94	23.39		
5	12	0		22.75	22.88	22.29		
5	12	7		22.71	22.82	22.28		
5	12	13		22.74	22.89	22.29		
5	25	0		22.77	22.90	22.33		
5	1	0	256-QAM	20.43	20.65	20.34	23.64	0.2312
5	1	12		20.27	20.46	20.25		
5	1	24		20.17	20.43	20.16		
5	12	0		20.42	20.71	20.43		
5	12	7		20.51	20.74	20.46		
5	12	13		20.38	20.61	20.42		
5	25	0		20.35	20.66	20.37		
Limit	EIRP < 2W			Result			Pass	



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	22.71		22.91	0.1954
10	1	25			22.69			
10	1	49			22.68			
10	25	0			22.53			
10	25	12			22.51			
10	25	25			22.49			
10	50	0			22.51			
10	1	0	16-QAM		22.66		22.95	0.1972
10	1	25			22.74			
10	1	49			22.75			
10	25	0			21.48			
10	25	12			21.51			
10	25	25			21.51			
10	50	0			21.49			
10	1	0	64-QAM		21.57		21.86	0.1535
10	1	25			21.57			
10	1	49			21.66			
10	25	0			20.46			
10	25	12			20.49			
10	25	25			20.50			
10	50	0			20.49			
10	1	0	256-QAM		18.47		18.70	0.0741
10	1	25			18.36			
10	1	49			18.50			
10	25	0			18.42			
10	25	12			18.39			
10	25	25			18.36			
10	50	0			18.40			
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 = 0.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	22.71	22.65	22.63	22.91	0.1954
5	1	12		22.69	22.60	22.59		
5	1	24		22.68	22.64	22.59		
5	12	0		22.47	22.51	22.44		
5	12	7		22.43	22.45	22.48		
5	12	13		22.41	22.41	22.44		
5	25	0		22.49	22.43	22.41		
5	1	0	16-QAM	22.63	22.66	22.59	22.93	0.1963
5	1	12		22.65	22.73	22.66		
5	1	24		22.69	22.66	22.71		
5	12	0		21.46	21.48	21.41		
5	12	7		21.49	21.48	21.41		
5	12	13		21.42	21.46	21.41		
5	25	0		21.45	21.46	21.45		
5	1	0	64-QAM	21.53	21.56	21.57	21.83	0.1524
5	1	12		21.50	21.48	21.50		
5	1	24		21.57	21.62	21.63		
5	12	0		20.42	20.44	20.45		
5	12	7		20.46	20.46	20.39		
5	12	13		20.40	20.43	20.49		
5	25	0		20.44	20.44	20.47		
5	1	0	256-QAM	18.47	18.39	18.40	18.70	0.0741
5	1	12		18.36	18.31	18.28		
5	1	24		18.43	18.45	18.50		
5	12	0		18.38	18.34	18.36		
5	12	7		18.32	18.33	18.38		
5	12	13		18.34	18.34	18.36		
5	25	0		18.31	18.38	18.36		
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 = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.78	23.88	23.78	24.58	0.2871
20	1	49		23.55	23.64	23.67		
20	1	99		23.63	23.54	23.57		
20	50	0		22.74	22.86	22.74		
20	50	24		22.73	22.67	22.69		
20	50	50		22.66	22.62	22.66		
20	100	0		22.74	22.75	22.70		
20	1	0	16-QAM	23.09	22.94	23.06	23.79	0.2393
20	1	49		22.95	22.91	22.92		
20	1	99		22.85	22.91	22.90		
20	50	0		21.77	21.69	21.73		
20	50	24		21.71	21.67	21.70		
20	50	50		21.63	21.66	21.66		
20	100	0		21.72	21.69	21.72		
20	1	0	64-QAM	21.98	21.84	21.95	22.68	0.1854
20	1	49		21.89	21.85	21.86		
20	1	99		21.73	21.81	21.79		
20	50	0		20.82	20.72	20.76		
20	50	24		20.76	20.69	20.72		
20	50	50		20.67	20.69	20.67		
20	100	0		20.73	20.69	20.70		
20	1	0	256-QAM	18.87	18.75	18.82	19.59	0.0910
20	1	49		18.62	18.65	18.62		
20	1	99		18.80	18.89	18.84		
20	50	0		18.59	18.61	18.54		
20	50	24		18.60	18.66	18.64		
20	50	50		18.67	18.69	18.65		
20	100	0		18.59	18.68	18.59		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.72	23.69	23.75	24.45	0.2786
15	1	37		23.46	23.46	23.50		
15	1	74		23.57	23.56	23.61		
15	36	0		22.70	22.67	22.73		
15	36	20		22.66	22.64	22.68		
15	36	39		22.62	22.62	22.65		
15	75	0		22.67	22.65	22.68		
15	1	0	16-QAM	23.02	22.96	23.02	23.72	0.2355
15	1	37		22.99	22.99	23.01		
15	1	74		22.84	22.88	22.88		
15	36	0		21.72	21.64	21.68		
15	36	20		21.67	21.63	21.66		
15	36	39		21.64	21.62	21.64		
15	75	0		21.71	21.64	21.65		
15	1	0	64-QAM	21.95	21.81	21.90	22.65	0.1841
15	1	37		21.95	21.91	21.94		
15	1	74		21.73	21.78	21.78		
15	36	0		20.74	20.68	20.70		
15	36	20		20.71	20.67	20.70		
15	36	39		20.66	20.69	20.68		
15	75	0		20.69	20.66	20.70		
15	1	0	256-QAM	18.85	18.74	18.78	19.56	0.0904
15	1	37		18.59	18.58	18.52		
15	1	74		18.72	18.86	18.76		
15	36	0		18.58	18.59	18.51		
15	36	20		18.57	18.57	18.59		
15	36	39		18.57	18.67	18.60		
15	75	0		18.50	18.61	18.53		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.61	23.63	23.67	24.40	0.2754
10	1	25		23.65	23.67	23.70		
10	1	49		23.57	23.55	23.59		
10	25	0		22.65	22.62	22.68		
10	25	12		22.63	22.62	22.67		
10	25	25		22.61	22.61	22.63		
10	50	0		22.62	22.62	22.66		
10	1	0	16-QAM	22.77	22.86	22.91	23.61	0.2296
10	1	25		22.72	22.75	22.81		
10	1	49		22.81	22.80	22.82		
10	25	0		21.62	21.62	21.67		
10	25	12		21.61	21.59	21.61		
10	25	25		21.59	21.56	21.60		
10	50	0		21.62	21.57	21.63		
10	1	0	64-QAM	21.79	21.71	21.80	22.50	0.1778
10	1	25		21.67	21.56	21.68		
10	1	49		21.75	21.66	21.75		
10	25	0		20.62	20.60	20.66		
10	25	12		20.61	20.57	20.64		
10	25	25		20.59	20.55	20.62		
10	50	0		20.63	20.60	20.67		
10	1	0	256-QAM	18.82	18.66	18.77	19.56	0.0904
10	1	25		18.53	18.63	18.57		
10	1	49		18.70	18.86	18.83		
10	25	0		18.54	18.53	18.50		
10	25	12		18.51	18.59	18.56		
10	25	25		18.62	18.65	18.62		
10	50	0		18.49	18.63	18.57		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.55	23.68	23.72	24.42	0.2767
5	1	12		23.50	23.54	23.62		
5	1	24		23.53	23.52	23.63		
5	12	0		22.59	22.58	22.66		
5	12	7		22.56	22.55	22.63		
5	12	13		22.60	22.55	22.61		
5	25	0		22.63	22.61	22.65		
5	1	0	16-QAM	22.85	22.91	22.97	23.68	0.2333
5	1	12		22.90	22.91	22.98		
5	1	24		22.85	22.83	22.88		
5	12	0		21.60	21.57	21.63		
5	12	7		21.59	21.60	21.64		
5	12	13		21.58	21.55	21.60		
5	25	0		21.59	21.57	21.61		
5	1	0	64-QAM	21.81	21.79	21.85	22.60	0.1820
5	1	12		21.88	21.83	21.90		
5	1	24		21.78	21.71	21.76		
5	12	0		20.63	20.62	20.71		
5	12	7		20.64	20.62	20.69		
5	12	13		20.64	20.60	20.68		
5	25	0		20.61	20.58	20.64		
5	1	0	256-QAM	18.85	18.74	18.78	19.55	0.0902
5	1	12		18.56	18.58	18.59		
5	1	24		18.75	18.81	18.80		
5	12	0		18.52	18.54	18.48		
5	12	7		18.51	18.61	18.63		
5	12	13		18.60	18.68	18.57		
5	25	0		18.57	18.63	18.55		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.56	23.67	23.68	24.38	0.2742
3	1	8		23.47	23.49	23.58		
3	1	14		23.51	23.49	23.68		
3	8	0		22.62	22.56	22.63		
3	8	4		22.53	22.50	22.53		
3	8	7		22.57	22.55	22.59		
3	15	0		22.70	22.69	22.69		
3	1	0	16-QAM	22.86	22.90	22.92	23.62	0.2301
3	1	8		22.79	22.78	22.84		
3	1	14		22.84	22.84	22.86		
3	8	0		21.63	21.60	21.65		
3	8	4		21.61	21.55	21.60		
3	8	7		21.60	21.55	21.60		
3	15	0		21.65	21.60	21.62		
3	1	0	64-QAM	21.84	21.77	21.83	22.54	0.1795
3	1	8		21.74	21.68	21.72		
3	1	14		21.81	21.76	21.79		
3	8	0		20.66	20.60	20.67		
3	8	4		20.61	20.55	20.61		
3	8	7		20.67	20.59	20.68		
3	15	0		20.60	20.56	20.58		
3	1	0	256-QAM	18.86	18.68	18.80	19.57	0.0906
3	1	8		18.52	18.63	18.55		
3	1	14		18.78	18.87	18.75		
3	8	0		18.56	18.60	18.44		
3	8	4		18.57	18.65	18.62		
3	8	7		18.62	18.66	18.60		
3	15	0		18.58	18.64	18.50		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.71	23.63	23.65	24.41	0.2761
1.4	1	3		23.67	23.60	23.65		
1.4	1	5		23.64	23.63	23.67		
1.4	3	0		23.65	23.63	23.69		
1.4	3	1		23.53	23.52	23.55		
1.4	3	3		23.67	23.64	23.70		
1.4	6	0		22.73	22.72	22.74		
1.4	1	0	16-QAM	22.93	22.96	23.00	23.70	0.2344
1.4	1	3		22.77	22.82	22.92		
1.4	1	5		22.94	22.99	23.00		
1.4	3	0		22.61	22.63	22.68		
1.4	3	1		22.69	22.69	22.73		
1.4	3	3		22.64	22.63	22.67		
1.4	6	0		21.77	21.72	21.78		
1.4	1	0	64-QAM	21.92	21.81	21.91	22.62	0.1828
1.4	1	3		21.71	21.61	21.73		
1.4	1	5		21.89	21.82	21.90		
1.4	3	0		21.72	21.68	21.75		
1.4	3	1		21.77	21.74	21.81		
1.4	3	3		21.78	21.75	21.83		
1.4	6	0		20.67	20.64	20.69		
1.4	1	0	256-QAM	18.70	18.67	18.75	19.45	0.0881
1.4	1	3		18.47	18.56	18.50		
1.4	1	5		18.56	18.64	18.57		
1.4	3	0		18.55	18.61	18.51		
1.4	3	1		18.55	18.62	18.56		
1.4	3	3		18.60	18.65	18.59		
1.4	6	0		18.52	18.58	18.49		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.52	24.55	24.46	19.20	0.0832
20	1	49		24.25	24.28	24.38		
20	1	99		24.35	24.41	24.21		
20	50	0		23.49	23.50	23.44		
20	50	24		23.45	23.46	23.40		
20	50	50		23.42	23.46	23.35		
20	100	0		23.48	23.52	23.43		
20	1	0	16-QAM	23.70	23.81	23.75	18.46	0.0701
20	1	49		23.71	23.72	23.66		
20	1	99		23.66	23.67	23.47		
20	50	0		22.48	22.53	22.43		
20	50	24		22.45	22.49	22.41		
20	50	50		22.42	22.43	22.34		
20	100	0		22.47	22.52	22.43		
20	1	0	64-QAM	22.63	22.75	22.69	17.40	0.0550
20	1	49		22.63	22.69	22.65		
20	1	99		22.58	22.57	22.38		
20	50	0		20.52	20.56	20.47		
20	50	24		20.50	20.53	20.44		
20	50	50		20.45	20.48	20.35		
20	100	0		20.49	20.53	20.44		
20	1	0	256-QAM	18.92	18.96	18.95	13.61	0.0230
20	1	49		18.88	18.92	18.86		
20	1	99		18.87	18.91	18.86		
20	50	0		18.80	18.89	18.83		
20	50	24		18.89	18.92	18.85		
20	50	50		18.81	18.91	18.83		
20	100	0		18.94	18.95	18.87		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.50	24.51	24.44	19.16	0.0824
15	1	37		24.27	24.25	24.19		
15	1	74		24.37	24.34	24.25		
15	36	0		23.47	23.44	23.38		
15	36	20		23.44	23.44	23.35		
15	36	39		23.44	23.41	23.33		
15	75	0		23.48	23.48	23.37		
15	1	0	16-QAM	23.67	23.78	23.70	18.43	0.0697
15	1	37		23.76	23.76	23.69		
15	1	74		23.70	23.62	23.39		
15	36	0		22.44	22.46	22.38		
15	36	20		22.42	22.44	22.33		
15	36	39		22.39	22.42	22.30		
15	75	0		22.44	22.45	22.37		
15	1	0	64-QAM	22.61	22.69	22.59	17.35	0.0543
15	1	37		22.68	22.70	22.65		
15	1	74		22.54	22.53	22.33		
15	36	0		20.49	20.51	20.44		
15	36	20		20.47	20.46	20.43		
15	36	39		20.47	20.43	20.36		
15	75	0		20.46	20.46	20.40		
15	1	0	256-QAM	18.89	18.92	18.86	13.57	0.0228
15	1	37		18.84	18.85	18.83		
15	1	74		18.83	18.87	18.79		
15	36	0		18.73	18.82	18.80		
15	36	20		18.88	18.89	18.76		
15	36	39		18.79	18.82	18.77		
15	75	0		18.90	18.88	18.80		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.41	24.47	24.36	19.12	0.0817
10	1	25		24.36	24.45	24.33		
10	1	49		24.34	24.36	24.23		
10	25	0		23.45	23.47	23.37		
10	25	12		23.41	23.45	23.34		
10	25	25		23.39	23.45	23.32		
10	50	0		23.43	23.49	23.35		
10	1	0	16-QAM	23.57	23.70	23.62	18.35	0.0684
10	1	25		23.56	23.63	23.53		
10	1	49		23.62	23.61	23.38		
10	25	0		22.40	22.46	22.36		
10	25	12		22.40	22.46	22.33		
10	25	25		22.38	22.42	22.30		
10	50	0		22.39	22.44	22.34		
10	1	0	64-QAM	22.49	22.61	22.49	17.26	0.0532
10	1	25		22.43	22.47	22.38		
10	1	49		22.51	22.50	22.30		
10	25	0		20.43	20.46	20.36		
10	25	12		20.42	20.45	20.34		
10	25	25		20.40	20.41	20.32		
10	50	0		20.45	20.49	20.36		
10	1	0	256-QAM	18.85	18.88	18.94	13.59	0.0229
10	1	25		18.80	18.84	18.82		
10	1	49		18.85	18.90	18.80		
10	25	0		18.78	18.81	18.81		
10	25	12		18.82	18.86	18.75		
10	25	25		18.73	18.90	18.82		
10	50	0		18.85	18.94	18.82		
Limit	ERP < 3W			Result			Pass	



LTE Band 71 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.44	24.49	24.38	19.14	0.0820
5	1	12		24.27	24.37	24.24		
5	1	24		24.30	24.39	24.28		
5	12	0		23.36	23.43	23.32		
5	12	7		23.33	23.39	23.27		
5	12	13		23.36	23.39	23.25		
5	25	0		23.40	23.40	23.30		
5	1	0	16-QAM	23.59	23.72	23.60	18.37	0.0687
5	1	12		23.63	23.72	23.54		
5	1	24		23.59	23.63	23.41		
5	12	0		22.35	22.41	22.28		
5	12	7		22.37	22.43	22.28		
5	12	13		22.35	22.38	22.21		
5	25	0		22.34	22.39	22.25		
5	1	0	64-QAM	22.52	22.63	22.49	17.34	0.0542
5	1	12		22.62	22.69	22.54		
5	1	24		22.51	22.53	22.34		
5	12	0		20.42	20.50	20.37		
5	12	7		20.43	20.48	20.33		
5	12	13		20.43	20.47	20.32		
5	25	0		20.38	20.40	20.29		
5	1	0	256-QAM	18.82	18.94	18.86	13.59	0.0229
5	1	12		18.82	18.86	18.81		
5	1	24		18.80	18.87	18.82		
5	12	0		18.76	18.83	18.75		
5	12	7		18.79	18.86	18.79		
5	12	13		18.71	18.84	18.77		
5	25	0		18.93	18.90	18.81		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.04	-	19.79	0.0953
10	1	25			23.96			
10	1	49			23.91			
10	25	0			23.03			
10	25	12			23.00			
10	25	25			22.99			
10	50	0			23.04			
10	1	0	16-QAM		23.25		19.00	0.0794
10	1	25			23.21			
10	1	49			23.18			
10	25	0			22.06			
10	25	12			22.02			
10	25	25			22.00			
10	50	0			22.05			
10	1	0	64-QAM		22.18		17.93	0.0621
10	1	25			22.10			
10	1	49			22.14			
10	25	0			20.00			
10	25	12			20.02			
10	25	25			20.00			
10	50	0			20.05			
10	1	0	256-QAM		18.44		14.20	0.0263
10	1	25			18.45			
10	1	49			18.44			
10	25	0			18.40			
10	25	12			18.42			
10	25	25			18.40			
10	50	0			18.44			
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.02	23.94	24.00	19.77	0.0948
5	1	12		23.92	23.84	23.92		
5	1	24		23.93	23.84	23.88		
5	12	0		22.98	22.98	23.00		
5	12	7		22.97	22.95	22.97		
5	12	13		22.96	22.98	22.98		
5	25	0		22.95	22.94	22.93		
5	1	0	16-QAM	23.22	23.21	23.24	19.05	0.0804
5	1	12		23.23	23.26	23.30		
5	1	24		23.19	23.17	23.18		
5	12	0		22.00	21.99	22.02		
5	12	7		22.01	22.00	22.03		
5	12	13		21.99	21.98	21.96		
5	25	0		21.93	21.92	21.95		
5	1	0	64-QAM	22.20	22.17	22.21	18.08	0.0643
5	1	12		22.27	22.28	22.33		
5	1	24		22.13	22.15	22.14		
5	12	0		20.06	20.02	20.04		
5	12	7		20.01	20.00	20.01		
5	12	13		20.01	20.01	20.00		
5	25	0		19.95	19.95	19.96		
5	1	0	256-QAM	18.43	18.41	18.41	14.18	0.0262
5	1	12		18.31	18.35	18.34		
5	1	24		18.42	18.39	18.42		
5	12	0		18.29	18.28	18.39		
5	12	7		18.36	18.32	18.28		
5	12	13		18.29	18.36	18.26		
5	25	0		18.43	18.34	18.34		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.02	-	-	19.67	0.0927
15	1	37		23.85	-	-		
15	1	74		23.89	-	-		
15	36	0		23.02	-	-		
15	36	20		22.97	-	-		
15	36	39		22.96	-	-		
15	75	0		23.02	-	-		
15	1	0	16-QAM	23.24	-	-	18.91	0.0778
15	1	37		23.26	-	-		
15	1	74		23.20	-	-		
15	36	0		21.99	-	-		
15	36	20		21.96	-	-		
15	36	39		21.95	-	-		
15	75	0		21.98	-	-		
15	1	0	64-QAM	22.17	-	-	17.90	0.0617
15	1	37		22.25	-	-		
15	1	74		22.11	-	-		
15	36	0		20.01	-	-		
15	36	20		19.98	-	-		
15	36	39		19.98	-	-		
15	75	0		19.98	-	-		
15	1	0	256-QAM	17.25	-	-	12.90	0.0195
15	1	37		17.21	-	-		
15	1	74		17.18	-	-		
15	36	0		16.78	-	-		
15	36	20		16.85	-	-		
15	36	39		16.76	-	-		
15	75	0		16.93	-	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.00	-	19.65	0.0923
10	1	25		-	23.98	-		
10	1	49		-	23.92	-		
10	25	0		-	23.01	-		
10	25	12		-	23.01	-		
10	25	25		-	22.97	-		
10	50	0		-	23.00	-		
10	1	0	16-QAM	-	23.24	-	18.89	0.0774
10	1	25		-	23.16	-		
10	1	49		-	23.19	-		
10	25	0		-	22.01	-		
10	25	12		-	21.99	-		
10	25	25		-	21.97	-		
10	50	0		-	22.01	-		
10	1	0	64-QAM	-	22.15	-	17.80	0.0603
10	1	25		-	22.08	-		
10	1	49		-	22.12	-		
10	25	0		-	20.00	-		
10	25	12		-	20.01	-		
10	25	25		-	19.96	-		
10	50	0		-	20.03	-		
10	1	0	256-QAM	-	17.18	-	12.83	0.0192
10	1	25		-	17.17	-		
10	1	49		-	17.15	-		
10	25	0		-	16.81	-		
10	25	12		-	16.81	-		
10	25	25		-	16.88	-		
10	50	0		-	16.88	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.95	23.92	23.85	19.60	0.0912
5	1	12		23.86	23.76	23.77		
5	1	24		23.88	23.90	23.94		
5	12	0		22.92	22.96	22.91		
5	12	7		22.90	23.00	22.90		
5	12	13		22.90	22.93	22.88		
5	25	0		22.90	22.91	22.89		
5	1	0	16-QAM	23.14	23.17	23.14	18.84	0.0766
5	1	12		23.19	23.19	23.11		
5	1	24		23.10	23.07	23.11		
5	12	0		21.91	21.87	21.93		
5	12	7		21.92	21.96	21.85		
5	12	13		21.89	21.98	21.84		
5	25	0		21.87	21.86	21.82		
5	1	0	64-QAM	22.09	22.09	21.99	17.92	0.0619
5	1	12		22.19	22.27	22.10		
5	1	24		22.03	22.04	21.98		
5	12	0		19.94	19.87	19.91		
5	12	7		19.94	19.96	19.99		
5	12	13		19.93	20.03	20.01		
5	25	0		19.88	19.98	19.98		
5	1	0	256-QAM	17.19	17.16	17.09	12.88	0.0194
5	1	12		17.14	17.12	17.09		
5	1	24		17.14	17.23	17.18		
5	12	0		16.68	16.75	16.75		
5	12	7		16.78	16.70	16.70		
5	12	13		16.75	16.74	16.66		
5	25	0		16.89	16.92	16.80		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.95	23.89	24.04	19.69	0.0931
3	1	8		23.88	23.90	23.78		
3	1	14		23.92	23.90	23.93		
3	8	0		23.03	23.07	23.13		
3	8	4		22.96	23.00	23.05		
3	8	7		22.99	23.01	23.04		
3	15	0		22.97	22.98	23.05		
3	1	0	16-QAM	22.93	22.87	22.87	18.64	0.0731
3	1	8		22.93	22.99	22.93		
3	1	14		22.94	22.98	22.97		
3	8	0		22.00	21.94	22.08		
3	8	4		21.98	21.89	22.00		
3	8	7		21.98	21.91	21.97		
3	15	0		21.96	21.86	22.03		
3	1	0	64-QAM	21.98	22.01	21.96	17.66	0.0583
3	1	8		21.91	21.82	21.98		
3	1	14		21.96	21.89	21.92		
3	8	0		19.98	20.02	20.06		
3	8	4		19.94	19.99	20.03		
3	8	7		20.02	19.92	19.99		
3	15	0		19.94	19.94	19.86		
3	1	0	256-QAM	17.22	17.32	17.27	12.97	0.0198
3	1	8		17.15	17.08	17.13		
3	1	14		17.14	17.05	17.18		
3	8	0		16.74	16.76	16.75		
3	8	4		16.82	16.87	16.74		
3	8	7		16.74	16.81	16.67		
3	15	0		16.83	16.90	16.93		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.00	23.92	23.93	19.73	0.0940
1.4	1	3		23.97	23.90	23.89		
1.4	1	5		24.00	23.97	24.06		
1.4	3	0		23.99	24.08	23.92		
1.4	3	1		23.99	23.89	23.96		
1.4	3	3		23.98	24.05	24.02		
1.4	6	0		22.97	22.97	22.97		
1.4	1	0	16-QAM	23.21	23.17	23.25	18.98	0.0791
1.4	1	3		23.12	23.11	23.18		
1.4	1	5		23.26	23.33	23.17		
1.4	3	0		22.93	22.87	22.94		
1.4	3	1		22.99	22.91	22.96		
1.4	3	3		22.96	22.87	22.95		
1.4	6	0		22.03	22.11	21.93		
1.4	1	0	64-QAM	22.23	22.29	22.17	17.94	0.0622
1.4	1	3		22.03	22.06	22.08		
1.4	1	5		22.19	22.16	22.19		
1.4	3	0		22.07	22.04	22.13		
1.4	3	1		22.11	22.15	22.03		
1.4	3	3		22.14	22.15	22.08		
1.4	6	0		19.97	19.88	20.06		
1.4	1	0	256-QAM	17.13	17.19	17.10	12.87	0.0194
1.4	1	3		17.11	17.12	17.21		
1.4	1	5		17.10	17.03	17.09		
1.4	3	0		17.10	17.07	17.07		
1.4	3	1		17.12	17.22	17.16		
1.4	3	3		17.14	17.14	17.18		
1.4	6	0		17.06	17.13	17.02		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.09	-	19.74	0.0942
15	1	37		-	23.90	-		
15	1	74		-	23.95	-		
15	36	0		-	23.00	-		
15	36	20		-	22.97	-		
15	36	39		-	22.95	-		
15	75	0		-	23.08	-		
15	1	0	16-QAM	-	23.14	-	18.95	0.0785
15	1	37		-	23.30	-		
15	1	74		-	23.15	-		
15	36	0		-	22.04	-		
15	36	20		-	22.00	-		
15	36	39		-	22.03	-		
15	75	0		-	22.02	-		
15	1	0	64-QAM	-	22.16	-	17.92	0.0619
15	1	37		-	22.27	-		
15	1	74		-	22.16	-		
15	36	0		-	19.98	-		
15	36	20		-	19.97	-		
15	36	39		-	19.97	-		
15	75	0		-	19.92	-		
15	1	0	256-QAM	-	17.28	-	12.93	0.0196
15	1	37		-	17.28	-		
15	1	74		-	17.19	-		
15	36	0		-	16.72	-		
15	36	20		-	16.75	-		
15	36	39		-	16.84	-		
15	75	0		-	17.02	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.94	-	19.63	0.0918
10	1	25		-	23.98	-		
10	1	49		-	23.86	-		
10	25	0		-	23.08	-		
10	25	12		-	23.03	-		
10	25	25		-	22.91	-		
10	50	0		-	23.02	-		
10	1	0	16-QAM	-	23.07	-	18.80	0.0759
10	1	25		-	23.05	-		
10	1	49		-	23.15	-		
10	25	0		-	21.92	-		
10	25	12		-	22.01	-		
10	25	25		-	22.01	-		
10	50	0		-	22.03	-		
10	1	0	64-QAM	-	22.14	-	17.79	0.0601
10	1	25		-	21.91	-		
10	1	49		-	22.07	-		
10	25	0		-	20.05	-		
10	25	12		-	19.99	-		
10	25	25		-	19.90	-		
10	50	0		-	20.00	-		
10	1	0	256-QAM	-	17.24	-	12.89	0.0195
10	1	25		-	17.17	-		
10	1	49		-	17.22	-		
10	25	0		-	16.86	-		
10	25	12		-	16.79	-		
10	25	25		-	16.74	-		
10	50	0		-	16.89	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.97	-	19.62	0.0916
5	1	12		-	23.76	-		
5	1	24		-	23.81	-		
5	12	0		-	22.85	-		
5	12	7		-	22.99	-		
5	12	13		-	22.93	-		
5	25	0		-	22.95	-		
5	1	0	16-QAM	-	23.12	-	18.93	0.0782
5	1	12		-	23.28	-		
5	1	24		-	23.09	-		
5	12	0		-	21.98	-		
5	12	7		-	21.96	-		
5	12	13		-	21.97	-		
5	25	0		-	21.83	-		
5	1	0	64-QAM	-	22.15	-	17.80	0.0603
5	1	12		-	22.14	-		
5	1	24		-	22.10	-		
5	12	0		-	19.90	-		
5	12	7		-	19.91	-		
5	12	13		-	19.95	-		
5	25	0		-	19.80	-		
5	1	0	256-QAM	-	17.14	-	12.88	0.0194
5	1	12		-	17.23	-		
5	1	24		-	17.14	-		
5	12	0		-	16.68	-		
5	12	7		-	16.78	-		
5	12	13		-	16.67	-		
5	25	0		-	16.83	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.89	-	19.62	0.0916
3	1	8		-	23.88	-		
3	1	14		-	23.97	-		
3	8	0		-	23.07	-		
3	8	4		-	22.90	-		
3	8	7		-	22.89	-		
3	15	0		-	22.94	-		
3	1	0	16-QAM	-	23.03	-	18.68	0.0738
3	1	8		-	22.96	-		
3	1	14		-	22.94	-		
3	8	0		-	22.08	-		
3	8	4		-	21.88	-		
3	8	7		-	21.95	-		
3	15	0		-	21.91	-		
3	1	0	64-QAM	-	22.02	-	17.70	0.0589
3	1	8		-	21.85	-		
3	1	14		-	22.05	-		
3	8	0		-	19.96	-		
3	8	4		-	19.88	-		
3	8	7		-	19.98	-		
3	15	0		-	19.94	-		
3	1	0	256-QAM	-	17.21	-	12.87	0.0194
3	1	8		-	17.22	-		
3	1	14		-	17.14	-		
3	8	0		-	16.73	-		
3	8	4		-	16.84	-		
3	8	7		-	16.65	-		
3	15	0		-	16.77	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -2.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.94	-	19.71	0.0935
1.4	1	3		-	24.02	-		
1.4	1	5		-	23.92	-		
1.4	3	0		-	24.06	-		
1.4	3	1		-	23.96	-		
1.4	3	3		-	23.97	-		
1.4	6	0		-	22.96	-		
1.4	1	0	16-QAM	-	23.25	-	18.90	0.0776
1.4	1	3		-	23.03	-		
1.4	1	5		-	23.21	-		
1.4	3	0		-	23.03	-		
1.4	3	1		-	23.01	-		
1.4	3	3		-	22.89	-		
1.4	6	0		-	22.00	-		
1.4	1	0	64-QAM	-	22.19	-	17.84	0.0608
1.4	1	3		-	21.96	-		
1.4	1	5		-	22.16	-		
1.4	3	0		-	22.00	-		
1.4	3	1		-	22.13	-		
1.4	3	3		-	22.04	-		
1.4	6	0		-	19.93	-		
1.4	1	0	256-QAM	-	17.09	-	12.83	0.0192
1.4	1	3		-	17.07	-		
1.4	1	5		-	17.08	-		
1.4	3	0		-	17.18	-		
1.4	3	1		-	17.08	-		
1.4	3	3		-	17.16	-		
1.4	6	0		-	16.96	-		
Limit	Reporting Only			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.6 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	21.67	21.72	21.85	19.05	0.0804
10+10	1	0	1	49		15.54	15.55	15.76		
10+10	1	49	1	0		23.67	23.74	23.80		
10+10	50	0	50	0	16-QAM	20.72	20.82	20.81	18.33	0.0681
10+10	1	0	1	49		15.82	15.65	16.15		
10+10	1	49	1	0		22.83	22.97	23.08		
10+10	50	0	50	0	64-QAM	20.72	20.67	20.76	16.31	0.0428
10+10	1	0	1	49		15.76	15.85	15.88		
10+10	1	49	1	0		20.87	20.99	21.06		
10+10	50	0	50	0	256-QAM	18.69	18.74	18.83	14.29	0.0269
10+10	1	0	1	49		15.61	15.58	15.69		
10+10	1	49	1	0		18.77	18.81	19.04		
10+5	50	0	25	0	QPSK	21.67	21.59	21.89	19.00	0.0794
10+5	1	0	1	24		13.56	13.53	13.84		
10+5	1	49	1	0		23.65	23.66	23.75		
10+5	50	0	25	0	16-QAM	20.72	20.71	20.78	18.32	0.0679
10+5	1	0	1	24		13.76	14.07	14.15		
10+5	1	49	1	0		22.84	22.90	23.07		
10+5	50	0	25	0	64-QAM	20.63	20.66	20.84	16.32	0.0429
10+5	1	0	1	24		13.77	13.83	14.29		
10+5	1	49	1	0		20.72	20.80	21.07		
10+5	50	0	25	0	256-QAM	18.62	18.72	18.83	14.32	0.0270
10+5	1	0	1	24		13.85	13.82	13.90		
10+5	1	49	1	0		18.48	18.74	19.07		
5+10	25	0	50	0	QPSK	21.63	21.60	21.67	18.83	0.0764
5+10	1	0	1	49		13.52	13.56	13.53		
5+10	1	24	1	0		22.62	23.58	23.46		
5+10	25	0	50	0	16-QAM	20.60	20.67	20.69	18.39	0.0690
5+10	1	0	1	49		13.87	13.89	13.98		
5+10	1	24	1	0		22.90	22.84	23.14		
5+10	25	0	50	0	64-QAM	20.59	20.61	20.67	16.13	0.0410
5+10	1	0	1	49		14.11	13.80	13.78		
5+10	1	24	1	0		20.77	20.88	20.77		
5+10	25	0	50	0	256-QAM	18.63	18.64	18.69	14.01	0.0252
5+10	1	0	1	49		13.63	13.61	13.60		
5+10	1	24	1	0		18.65	18.64	18.76		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -2.6 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	22.71	22.76	23.38	18.91	0.0778
5+3	1	0	1	14		13.99	14.11	14.11		
5+3	1	24	1	0		23.56	23.66	23.64		
5+3	25	0	15	0	16-QAM	22.76	23.75	22.76	19.27	0.0845
5+3	1	0	1	14		14.63	14.58	14.72		
5+3	1	24	1	0		23.87	23.63	24.02		
5+3	25	0	15	0	64-QAM	23.63	23.72	22.83	18.98	0.0791
5+3	1	0	1	14		14.22	14.47	14.48		
5+3	1	24	1	0		23.01	23.73	22.92		
5+3	25	0	15	0	256-QAM	22.79	22.89	23.71	18.96	0.0787
5+3	1	0	1	14		14.18	13.01	14.24		
5+3	1	24	1	0		23.21	23.56	23.70		
3+5	15	0	25	0	QPSK	23.74	23.79	23.85	19.10	0.0813
3+5	1	0	1	24		14.07	14.05	14.15		
3+5	1	14	1	0		23.52	23.64	23.58		
3+5	15	0	25	0	16-QAM	23.69	23.71	23.04	19.29	0.0849
3+5	1	0	1	24		14.27	14.55	14.68		
3+5	1	14	1	0		23.97	23.86	24.04		
3+5	15	0	25	0	64-QAM	22.72	23.68	22.91	19.14	0.0820
3+5	1	0	1	24		14.37	14.52	14.82		
3+5	1	14	1	0		23.78	23.89	23.10		
3+5	15	0	25	0	256-QAM	23.65	23.74	22.86	19.02	0.0798
3+5	1	0	1	24		14.11	14.24	14.28		
3+5	1	14	1	0		23.68	23.58	23.77		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.66	22.43	21.68	24.19	0.2624
10+10	1	0	1	49		16.12	16.05	16.07		
10+10	1	49	1	0		23.49	23.43	23.45		
10+10	50	0	50	0	16-QAM	20.57	21.40	20.68	24.64	0.2911
10+10	1	0	1	49		16.30	15.75	16.27		
10+10	1	49	1	0		23.94	23.01	23.59		
10+10	50	0	50	0	64-QAM	20.59	21.38	20.68	22.18	0.1652
10+10	1	0	1	49		16.38	15.57	16.14		
10+10	1	49	1	0		21.48	20.87	21.33		
10+10	50	0	50	0	256-QAM	18.61	19.42	18.92	20.12	0.1028
10+10	1	0	1	49		16.17	15.47	16.12		
10+10	1	49	1	0		19.37	18.68	19.08		
15+5	75	0	25	0	QPSK	21.61	22.27	21.68	25.03	0.3184
15+5	1	0	1	24		16.18	16.12	16.19		
15+5	1	74	1	0		24.33	24.29	24.23		
15+5	75	0	25	0	16-QAM	20.63	21.37	20.70	24.29	0.2685
15+5	1	0	1	24		15.91	15.92	16.36		
15+5	1	74	1	0		23.59	22.96	23.58		
15+5	75	0	25	0	64-QAM	20.60	21.30	20.67	22.19	0.1656
15+5	1	0	1	24		15.69	15.67	16.24		
15+5	1	74	1	0		21.49	20.85	21.41		
15+5	75	0	25	0	256-QAM	18.70	19.40	18.69	20.10	0.1023
15+5	1	0	1	24		16.25	15.59	15.35		
15+5	1	74	1	0		19.28	18.75	19.13		
5+15	25	0	75	0	QPSK	21.57	22.38	21.69	24.97	0.3141
5+15	1	0	1	74		16.20	16.05	16.05		
5+15	1	24	1	0		23.37	24.21	24.27		
5+15	25	0	75	0	16-QAM	20.60	21.34	20.65	24.38	0.2742
5+15	1	0	1	74		15.67	15.73	16.20		
5+15	1	24	1	0		23.68	22.74	22.90		
5+15	25	0	75	0	64-QAM	20.60	21.31	20.60	22.33	0.1710
5+15	1	0	1	74		16.55	15.66	16.24		
5+15	1	24	1	0		21.63	20.78	20.69		
5+15	25	0	75	0	256-QAM	18.61	19.38	18.66	20.13	0.1030
5+15	1	0	1	74		15.54	15.47	16.18		
5+15	1	24	1	0		19.43	18.50	19.23		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.21	22.34	21.62	25.03	0.3184
10+5	1	0	1	24		14.26	14.24	14.15		
10+5	1	49	1	0		24.31	23.40	24.33		
10+5	50	0	25	0	16-QAM	20.64	21.39	20.68	24.19	0.2624
10+5	1	0	1	24		14.43	14.00	14.32		
10+5	1	49	1	0		23.49	22.88	23.32		
10+5	50	0	25	0	64-QAM	19.70	21.39	20.64	22.09	0.1618
10+5	1	0	1	24		14.36	13.71	14.26		
10+5	1	49	1	0		21.38	20.82	21.39		
10+5	50	0	25	0	256-QAM	18.62	19.39	18.70	20.09	0.1021
10+5	1	0	1	24		14.12	13.60	14.13		
10+5	1	49	1	0		19.37	18.78	19.25		
5+10	25	0	50	0	QPSK	21.61	22.31	21.64	25.09	0.3228
5+10	1	0	1	49		14.27	14.12	14.11		
5+10	1	24	1	0		24.39	24.14	24.29		
5+10	25	0	50	0	16-QAM	20.70	21.42	20.74	24.25	0.2661
5+10	1	0	1	49		14.49	14.08	14.23		
5+10	1	24	1	0		23.55	22.98	23.41		
5+10	25	0	50	0	64-QAM	20.63	21.34	20.55	22.24	0.1675
5+10	1	0	1	49		14.43	13.76	14.29		
5+10	1	24	1	0		21.54	20.69	21.23		
5+10	25	0	50	0	256-QAM	18.60	19.38	18.67	20.08	0.1019
5+10	1	0	1	49		14.25	13.68	14.15		
5+10	1	24	1	0		19.14	18.59	19.16		
5+5	25	0	25	0	QPSK	22.20	22.37	21.67	24.99	0.3155
5+5	1	0	1	24		14.53	14.46	14.38		
5+5	1	24	1	0		23.44	24.29	24.22		
5+5	25	0	25	0	16-QAM	21.22	21.38	20.64	24.08	0.2559
5+5	1	0	1	24		14.77	14.32	14.56		
5+5	1	24	1	0		23.38	22.92	23.00		
5+5	25	0	25	0	64-QAM	21.21	21.34	20.61	22.14	0.1637
5+5	1	0	1	24		14.63	14.05	14.59		
5+5	1	24	1	0		21.44	20.82	20.88		
5+5	25	0	25	0	256-QAM	18.60	19.33	18.65	20.03	0.1007
5+5	1	0	1	24		14.56	14.02	14.29		
5+5	1	24	1	0		19.23	18.59	19.05		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	20.72	20.66	20.76	23.61	0.2296
20+20	1	0	1	99		14.55	14.54	14.54		
20+20	1	99	1	0		22.79	22.86	22.91		
20+20	100	0	100	0	16-QAM	19.73	19.69	19.77	22.61	0.1824
20+20	1	0	1	99		14.61	14.57	14.56		
20+20	1	99	1	0		21.83	21.91	21.79		
20+20	100	0	100	0	64-QAM	19.74	19.68	19.71	20.61	0.1151
20+20	1	0	1	99		14.59	14.52	14.56		
20+20	1	99	1	0		19.79	19.91	19.82		
20+20	100	0	100	0	256-QAM	17.78	17.70	17.74	18.48	0.0705
20+20	1	0	1	99		14.50	14.45	14.48		
20+20	1	99	1	0		17.67	17.70	17.75		
20+15	100	0	75	0	QPSK	20.81	20.68	20.70	23.56	0.2270
20+15	1	0	1	74		14.60	14.63	14.58		
20+15	1	74	1	0		22.86	22.82	22.85		
20+15	100	0	75	0	16-QAM	19.76	19.76	19.75	22.57	0.1807
20+15	1	0	1	74		14.73	14.58	14.61		
20+15	1	74	1	0		21.85	21.82	21.87		
20+15	100	0	75	0	64-QAM	19.81	19.81	19.78	20.54	0.1132
20+15	1	0	1	74		14.57	14.67	14.55		
20+15	1	74	1	0		19.80	19.84	19.82		
20+15	100	0	75	0	256-QAM	17.83	17.82	17.78	18.53	0.0713
20+15	1	0	1	74		14.54	14.51	14.51		
20+15	1	74	1	0		17.67	17.71	17.76		
15+20	75	0	100	0	QPSK	20.66	20.75	20.79	23.68	0.2333
15+20	1	0	1	99		14.56	14.65	14.75		
15+20	1	74	1	0		22.89	22.87	22.98		
15+20	75	0	100	0	16-QAM	19.74	19.79	19.85	22.61	0.1824
15+20	1	0	1	99		14.62	14.63	14.60		
15+20	1	74	1	0		21.77	21.91	21.87		
15+20	75	0	100	0	64-QAM	19.68	19.78	19.88	20.58	0.1143
15+20	1	0	1	99		14.54	14.60	14.70		
15+20	1	74	1	0		19.87	19.85	19.88		
15+20	75	0	100	0	256-QAM	17.77	17.78	17.87	18.75	0.0750
15+20	1	0	1	99		14.47	14.55	14.61		
15+20	1	74	1	0		17.70	18.05	17.85		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	21.68	21.84	21.78	24.51	0.2825
20+10	1	0	1	49		15.58	15.55	15.41		
20+10	1	99	1	0		23.77	22.90	23.81		
20+10	100	0	50	0	16-QAM	20.74	20.84	20.73	23.68	0.2333
20+10	1	0	1	49		15.92	15.85	15.79		
20+10	1	99	1	0		22.98	22.98	22.95		
20+10	100	0	50	0	64-QAM	20.77	20.81	20.69	21.73	0.1489
20+10	1	0	1	49		15.79	15.79	15.74		
20+10	1	99	1	0		20.92	21.03	20.92		
20+10	100	0	50	0	256-QAM	18.84	18.80	18.74	19.70	0.0933
20+10	1	0	1	49		15.64	15.53	15.58		
20+10	1	99	1	0		18.86	19.00	18.89		
10+20	50	0	100	0	QPSK	21.80	21.76	21.92	24.55	0.2851
10+20	1	0	1	99		15.46	15.56	15.53		
10+20	1	49	1	0		22.81	23.77	23.85		
10+20	50	0	100	0	16-QAM	20.70	20.81	20.86	23.95	0.2483
10+20	1	0	1	99		15.88	15.76	15.88		
10+20	1	49	1	0		22.82	22.87	23.25		
10+20	50	0	100	0	64-QAM	20.80	20.81	20.83	21.76	0.1500
10+20	1	0	1	99		15.68	15.86	15.78		
10+20	1	49	1	0		20.99	21.06	21.06		
10+20	50	0	100	0	256-QAM	18.74	18.85	18.84	19.58	0.0908
10+20	1	0	1	99		15.24	15.82	15.59		
10+20	1	49	1	0		18.88	18.87	18.83		
20+5	100	0	25	0	QPSK	20.66	20.88	20.74	23.58	0.2280
20+5	1	0	1	24		14.53	14.72	14.58		
20+5	1	99	1	0		22.73	22.88	22.79		
20+5	100	0	25	0	16-QAM	19.74	19.85	19.75	22.45	0.1758
20+5	1	0	1	24		14.44	14.68	14.51		
20+5	1	99	1	0		21.75	21.58	21.72		
20+5	100	0	25	0	64-QAM	19.71	19.85	19.80	20.60	0.1148
20+5	1	0	1	24		14.61	14.53	14.62		
20+5	1	99	1	0		19.70	19.90	19.70		
20+5	100	0	25	0	256-QAM	17.76	17.80	17.76	18.50	0.0708
20+5	1	0	1	24		14.54	14.65	14.56		
20+5	1	99	1	0		17.58	17.70	17.71		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	20.74	20.75	20.73	23.54	0.2259
5+20	1	0	1	99		14.54	14.48	14.61		
5+20	1	24	1	0		22.84	22.76	22.82		
5+20	25	0	100	0	16-QAM	19.74	19.71	19.86	22.49	0.1774
5+20	1	0	1	99		14.54	14.53	14.70		
5+20	1	24	1	0		21.64	21.62	21.79		
5+20	25	0	100	0	64-QAM	19.73	19.69	19.76	20.55	0.1135
5+20	1	0	1	99		14.54	14.51	14.64		
5+20	1	24	1	0		19.63	19.85	19.83		
5+20	25	0	100	0	256-QAM	17.74	17.71	17.85	18.55	0.0716
5+20	1	0	1	99		14.47	14.56	14.59		
5+20	1	24	1	0		17.68	17.44	17.76		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.7 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	20.75	20.60	21.83	24.56	0.2858
15+10	1	0	1	49		15.49	15.54	15.59		
15+10	1	74	1	0		23.70	23.81	23.86		
15+10	75	0	50	0	16-QAM	20.77	20.75	20.85	23.87	0.2438
15+10	1	0	1	49		16.17	15.42	15.85		
15+10	1	74	1	0		22.95	23.17	23.16		
15+10	75	0	50	0	64-QAM	20.83	20.82	20.85	21.83	0.1524
15+10	1	0	1	49		15.66	15.77	15.77		
15+10	1	74	1	0		21.05	21.01	21.13		
15+10	75	0	50	0	256-QAM	18.76	18.83	18.81	19.64	0.0920
15+10	1	0	1	49		15.40	15.57	15.47		
15+10	1	74	1	0		18.90	18.94	18.92		
10+15	50	0	75	0	QPSK	21.70	21.82	21.76	24.61	0.2891
10+15	1	0	1	74		15.55	15.53	15.52		
10+15	1	49	1	0		23.80	23.83	23.91		
10+15	50	0	75	0	16-QAM	20.74	20.76	20.77	23.93	0.2472
10+15	1	0	1	74		15.94	15.98	15.96		
10+15	1	49	1	0		23.23	22.51	23.09		
10+15	50	0	75	0	64-QAM	20.79	20.83	20.84	21.74	0.1493
10+15	1	0	1	74		15.74	15.80	15.83		
10+15	1	49	1	0		20.92	21.00	21.04		
10+15	50	0	75	0	256-QAM	18.77	18.76	17.85	19.71	0.0935
10+15	1	0	1	74		15.60	15.63	15.46		
10+15	1	49	1	0		18.96	19.01	18.83		
15+15	75	0	75	0	QPSK	21.60	20.70	20.62	24.40	0.2754
15+15	1	0	1	74		15.36	14.54	14.61		
15+15	1	74	1	0		23.70	22.83	22.89		
15+15	75	0	75	0	16-QAM	20.65	19.71	19.77	23.72	0.2355
15+15	1	0	1	74		15.74	14.56	14.57		
15+15	1	74	1	0		23.02	21.79	21.89		
15+15	75	0	75	0	64-QAM	20.71	19.77	19.69	21.41	0.1384
15+15	1	0	1	74		15.65	14.59	14.63		
15+15	1	74	1	0		19.72	19.77	19.82		
15+15	75	0	75	0	256-QAM	18.68	17.70	17.76	19.38	0.0867
15+15	1	0	1	74		15.50	14.49	14.63		
15+15	1	74	1	0		17.70	17.68	17.74		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.8 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	22.03	22.14	22.10	25.16	0.3281
20+20	1	0	0	0		23.38	23.31	23.45		
20+20	1	0	1	99		15.67	15.75	15.83		
20+20	1	99	1	0		24.24	24.19	24.36		
20+20	100	0	100	0	16-QAM	21.11	21.15	21.20	24.47	0.2799
20+20	1	0	0	0		22.81	23.33	22.87		
20+20	1	0	1	99		16.16	14.68	15.83		
20+20	1	99	1	0		23.67	21.92	23.22		
20+20	100	0	100	0	64-QAM	21.10	21.15	21.12	22.40	0.1738
20+20	1	0	1	99		16.04	14.69	16.59		
20+20	1	99	1	0		21.60	20.09	21.24		
20+20	100	0	100	0	256-QAM	19.05	19.17	19.08	20.17	0.1040
20+20	1	0	1	99		15.87	14.65	16.40		
20+20	1	99	1	0		19.37	17.90	19.01		
20+15	100	0	75	0	QPSK	21.95	22.04	21.97	25.11	0.3243
20+15	1	0	0	0		23.46	23.42	23.52		
20+15	1	0	1	74		15.74	15.81	15.84		
20+15	1	99	1	0		24.31	24.17	24.24		
20+15	100	0	75	0	16-QAM	21.07	21.06	21.03	24.28	0.2679
20+15	1	0	0	0		23.12	22.85	23.00		
20+15	1	0	1	74		15.91	14.70	15.80		
20+15	1	99	1	0		22.98	21.95	23.48		
20+15	100	0	75	0	64-QAM	21.10	21.12	21.07	21.92	0.1556
20+15	1	0	1	74		15.60	14.75	15.52		
20+15	1	99	1	0		20.97	20.02	20.93		
20+15	100	0	75	0	256-QAM	19.02	19.01	19.04	19.84	0.0964
20+15	1	0	1	74		15.45	14.68	15.42		
20+15	1	99	1	0		18.83	17.93	18.63		
15+20	75	0	100	0	QPSK	22.00	22.11	21.99	25.08	0.3221
15+20	1	0	0	0		23.37	23.42	23.48		
15+20	1	0	1	99		15.77	15.75	15.80		
15+20	1	74	1	0		24.28	23.27	24.25		
15+20	75	0	100	0	16-QAM	20.95	21.00	20.99	23.97	0.2495
15+20	1	0	0	0		23.03	23.05	23.12		
15+20	1	0	1	99		15.46	14.64	15.57		
15+20	1	74	1	0		22.93	22.06	23.17		
15+20	75	0	100	0	64-QAM	20.94	21.06	20.98	21.86	0.1535
15+20	1	0	1	99		15.63	14.61	15.55		
15+20	1	74	1	0		20.97	20.05	21.01		
15+20	75	0	100	0	256-QAM	19.02	19.05	19.02	19.86	0.0968
15+20	1	0	1	99		15.62	14.62	15.41		
15+20	1	74	1	0		19.06	18.02	18.81		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.8 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	21.93	22.05	22.19	25.09	0.3228
20+10	1	0	0	0		23.43	23.41	23.62		
20+10	1	0	1	49		15.76	15.79	15.93		
20+10	1	99	1	0		24.24	24.29	24.27		
20+10	100	0	50	0	16-QAM	21.02	21.05	21.21	23.91	0.2460
20+10	1	0	0	0		22.92	22.88	22.88		
20+10	1	0	1	49		15.41	15.87	15.64		
20+10	1	99	1	0		22.76	23.09	23.11		
20+10	100	0	50	0	64-QAM	21.03	21.00	21.13	22.05	0.1603
20+10	1	0	1	49		15.41	15.82	15.62		
20+10	1	99	1	0		20.74	21.25	21.24		
20+10	100	0	50	0	256-QAM	19.06	18.91	19.19	19.99	0.0998
20+10	1	0	1	49		15.27	15.79	15.56		
20+10	1	99	1	0		18.65	19.06	18.88		
10+20	50	0	100	0	QPSK	22.28	21.95	21.89	24.98	0.3148
10+20	1	0	0	0		23.68	23.48	23.51		
10+20	1	0	1	99		15.87	15.75	15.77		
10+20	1	49	1	0		23.43	24.16	24.18		
10+20	50	0	100	0	16-QAM	21.12	21.12	21.13	24.38	0.2742
10+20	1	0	0	0		23.06	23.02	23.09		
10+20	1	0	1	99		16.13	15.70	15.98		
10+20	1	49	1	0		23.58	23.15	23.42		
10+20	50	0	100	0	64-QAM	21.24	21.08	21.10	22.30	0.1698
10+20	1	0	1	99		16.22	15.82	15.87		
10+20	1	49	1	0		21.50	21.20	21.36		
10+20	50	0	100	0	256-QAM	19.19	19.14	19.03	20.03	0.1007
10+20	1	0	1	99		15.90	15.70	15.73		
10+20	1	49	1	0		19.23	19.03	19.23		
15+15	75	0	75	0	QPSK	21.90	21.54	21.83	25.21	0.3319
15+15	1	0	0	0		23.30	23.39	23.40		
15+15	1	0	1	74		15.80	15.80	16.00		
15+15	1	74	1	0		24.25	24.19	24.41		
15+15	75	0	75	0	16-QAM	20.91	20.94	20.92	23.86	0.2432
15+15	1	0	0	0		22.76	23.05	23.06		
15+15	1	0	1	74		15.66	14.68	15.54		
15+15	1	74	1	0		22.85	22.06	23.01		
15+15	75	0	75	0	64-QAM	20.99	20.96	21.02	21.82	0.1521
15+15	1	0	1	74		15.45	14.78	15.50		
15+15	1	74	1	0		20.83	20.04	20.78		
15+15	75	0	75	0	256-QAM	18.96	18.93	18.97	19.77	0.0948
15+15	1	0	1	74		15.34	14.83	15.34		
15+15	1	74	1	0		18.74	17.93	18.91		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 0.8 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	22.04	22.10	22.18	25.10	0.3236
15+10	1	0	0	0		23.38	23.28	23.50		
15+10	1	0	1	49		15.79	15.75	15.78		
15+10	1	74	1	0		23.21	24.16	24.30		
15+10	75	0	50	0	16-QAM	21.09	21.13	21.13	24.44	0.2780
15+10	1	0	0	0		22.94	22.80	23.05		
15+10	1	0	1	49		16.12	14.77	15.42		
15+10	1	74	1	0		23.60	22.03	23.64		
15+10	75	0	50	0	64-QAM	21.10	21.15	21.17	22.31	0.1702
15+10	1	0	1	49		16.22	14.88	16.10		
15+10	1	74	1	0		21.35	20.03	21.51		
15+10	75	0	50	0	256-QAM	19.11	19.16	19.19	20.13	0.1030
15+10	1	0	1	49		16.15	14.70	15.85		
15+10	1	74	1	0		19.08	17.92	19.33		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 2.9 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	21.61	21.61	21.60	26.53	0.4498
20+20	1	0	0	0		23.35	23.35	23.38		
20+20	1	0	1	99		15.24	15.27	15.27		
20+20	1	99	1	0		23.63	23.61	23.63		
20+20	100	0	100	0	16-QAM	20.66	20.62	20.60	26.23	0.4198
20+20	1	0	0	0		22.96	22.94	22.94		
20+20	1	0	1	99		15.98	14.47	15.88		
20+20	1	99	1	0		23.33	21.74	23.24		
20+20	100	0	100	0	64-QAM	20.64	20.61	20.60	23.59	0.2286
20+20	1	0	1	99		15.50	14.13	15.40		
20+20	1	99	1	0		20.69	19.37	20.61		
20+20	100	0	100	0	256-QAM	18.62	18.55	18.55	21.52	0.1419
20+20	1	0	1	99		15.47	14.32	15.40		
20+20	1	99	1	0		18.61	17.53	18.58		
15+15	75	0	75	0	QPSK	21.54	21.55	21.58	26.50	0.4467
15+15	1	0	0	0		23.35	23.36	23.37		
15+15	1	0	1	74		15.26	15.17	15.25		
15+15	1	74	1	0		23.60	23.57	22.64		
15+15	75	0	75	0	16-QAM	20.56	20.54	20.61	26.22	0.4188
15+15	1	0	0	0		22.94	22.92	22.95		
15+15	1	0	1	74		15.90	14.58	16.00		
15+15	1	74	1	0		23.30	21.92	23.32		
15+15	75	0	75	0	64-QAM	20.59	20.55	20.63	23.63	0.2307
15+15	1	0	1	74		15.41	14.35	15.45		
15+15	1	74	1	0		20.70	19.55	20.73		
15+15	75	0	75	0	256-QAM	18.54	18.51	18.58	21.52	0.1419
15+15	1	0	1	74		15.42	14.42	15.49		
15+15	1	74	1	0		18.62	17.63	17.56		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.9 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	21.82	21.70	21.37	26.74	0.4721
20+20	1	0	0	0		23.11	23.26	21.95		
20+20	1	0	1	99		15.44	15.39	15.09		
20+20	1	99	1	0		23.84	23.76	22.51		
20+20	100	0	100	0	16-QAM	20.83	20.76	20.39	26.45	0.4416
20+20	1	0	0	0		22.70	22.84	22.62		
20+20	1	0	1	99		16.16	16.11	15.81		
20+20	1	99	1	0		23.55	23.49	23.06		
20+20	100	0	100	0	64-QAM	20.82	20.74	20.39	23.72	0.2355
20+20	1	0	1	99		15.60	15.60	15.31		
20+20	1	99	1	0		20.78	20.82	20.42		
20+20	100	0	100	0	256-QAM	18.76	18.71	18.37	21.76	0.1500
20+20	1	0	1	99		15.65	15.59	15.28		
20+20	1	99	1	0		18.86	18.76	18.34		
20+15	100	0	75	0	QPSK	21.78	21.77	21.37	26.69	0.4667
20+15	1	0	0	0		23.03	23.23	23.01		
20+15	1	0	1	74		15.46	15.48	15.11		
20+15	1	99	1	0		22.92	23.79	23.49		
20+15	100	0	75	0	16-QAM	20.79	20.79	20.40	26.43	0.4395
20+15	1	0	0	0		22.70	22.83	22.64		
20+15	1	0	1	74		16.15	16.20	15.77		
20+15	1	99	1	0		23.53	23.42	23.06		
20+15	100	0	75	0	64-QAM	20.79	20.78	20.38	23.84	0.2421
20+15	1	0	1	74		15.66	15.65	15.30		
20+15	1	99	1	0		20.94	20.84	20.42		
20+15	100	0	75	0	256-QAM	18.79	18.74	18.35	21.75	0.1496
20+15	1	0	1	74		15.61	15.64	15.26		
20+15	1	99	1	0		18.85	18.74	18.38		
15+20	75	0	100	0	QPSK	21.70	21.74	21.36	26.67	0.4645
15+20	1	0	0	0		23.10	22.09	21.84		
15+20	1	0	1	99		15.41	15.42	14.99		
15+20	1	74	1	0		23.77	23.74	23.38		
15+20	75	0	100	0	16-QAM	20.75	20.75	20.36	26.32	0.4285
15+20	1	0	0	0		22.70	22.75	22.55		
15+20	1	0	1	99		16.11	16.07	15.78		
15+20	1	74	1	0		23.42	23.41	23.05		
15+20	75	0	100	0	64-QAM	20.76	20.68	20.37	23.76	0.2377
15+20	1	0	1	99		15.68	15.55	15.25		
15+20	1	74	1	0		20.86	20.78	20.43		
15+20	75	0	100	0	256-QAM	18.71	18.67	18.33	21.70	0.1479
15+20	1	0	1	99		15.57	15.56	15.31		
15+20	1	74	1	0		18.80	18.75	18.34		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.9 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	20.80	20.74	20.27	26.11	0.4083
20+10	1	0	0	0		23.08	23.21	23.00		
20+10	1	0	1	49		14.50	14.49	14.03		
20+10	1	99	1	0		22.75	22.82	22.37		
20+10	100	0	50	0	16-QAM	19.80	19.77	19.31	25.69	0.3707
20+10	1	0	0	0		22.66	22.79	22.56		
20+10	1	0	1	49		14.56	14.46	14.11		
20+10	1	99	1	0		21.87	21.65	21.27		
20+10	100	0	50	0	64-QAM	19.82	19.78	19.29	22.72	0.1871
20+10	1	0	1	49		14.31	14.29	13.85		
20+10	1	99	1	0		19.47	19.41	19.05		
20+10	100	0	50	0	256-QAM	17.81	17.79	17.30	20.71	0.1178
20+10	1	0	1	49		14.37	14.34	13.92		
20+10	1	99	1	0		17.61	17.59	17.09		
10+20	50	0	100	0	QPSK	20.86	20.65	20.27	26.06	0.4036
10+20	1	0	0	0		23.10	23.16	21.82		
10+20	1	0	1	99		14.53	14.33	14.03		
10+20	1	49	1	0		22.87	22.63	22.27		
10+20	50	0	100	0	16-QAM	19.86	19.64	19.31	25.66	0.3681
10+20	1	0	0	0		22.69	22.76	22.51		
10+20	1	0	1	99		14.62	14.51	14.10		
10+20	1	49	1	0		21.82	21.75	21.32		
10+20	50	0	100	0	64-QAM	19.87	19.67	19.32	22.77	0.1892
10+20	1	0	1	99		14.36	14.15	13.82		
10+20	1	49	1	0		19.59	19.37	18.97		
10+20	50	0	100	0	256-QAM	17.91	17.69	17.32	20.81	0.1205
10+20	1	0	1	99		14.45	14.23	13.94		
10+20	1	49	1	0		17.63	17.51	17.11		
20+5	100	0	25	0	QPSK	20.88	20.93	20.27	26.17	0.4140
20+5	1	0	0	0		23.15	23.27	23.01		
20+5	1	0	1	24		14.60	14.65	14.07		
20+5	1	99	1	0		22.73	22.78	22.35		
20+5	100	0	25	0	16-QAM	19.90	19.92	19.18	25.83	0.3828
20+5	1	0	0	0		22.74	22.93	22.62		
20+5	1	0	1	24		14.64	14.67	14.11		
20+5	1	99	1	0		21.93	21.83	21.35		
20+5	100	0	25	0	64-QAM	19.90	19.88	19.24	22.80	0.1905
20+5	1	0	1	24		14.38	14.45	13.90		
20+5	1	99	1	0		19.39	19.58	19.04		
20+5	100	0	25	0	256-QAM	17.88	17.89	17.27	20.79	0.1199
20+5	1	0	1	24		14.43	14.50	13.96		
20+5	1	99	1	0		17.65	17.61	17.08		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.9 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	20.94	21.69	20.42	26.03	0.4009
5+20	1	0	0	0		23.13	22.15	21.86		
5+20	1	0	1	99		14.61	14.41	14.12		
5+20	1	24	1	0		22.94	22.69	22.37		
5+20	25	0	100	0	16-QAM	19.87	19.69	19.42	25.71	0.3724
5+20	1	0	0	0		22.81	22.81	22.51		
5+20	1	0	1	99		14.69	14.50	14.18		
5+20	1	24	1	0		21.87	21.68	21.42		
5+20	25	0	100	0	64-QAM	19.86	19.70	19.42	22.76	0.1888
5+20	1	0	1	99		14.40	14.22	13.94		
5+20	1	24	1	0		19.53	19.42	19.08		
5+20	25	0	100	0	256-QAM	17.89	17.73	17.42	20.79	0.1199
5+20	1	0	1	99		14.50	14.32	14.02		
5+20	1	24	1	0		17.64	17.53	17.18		
15+10	75	0	50	0	QPSK	20.79	20.73	20.34	26.14	0.4111
15+10	1	0	0	0		23.15	23.24	21.68		
15+10	1	0	1	49		14.50	14.46	13.97		
15+10	1	74	1	0		22.74	22.85	22.23		
15+10	75	0	50	0	16-QAM	19.68	19.74	19.28	25.73	0.3741
15+10	1	0	0	0		22.72	22.83	22.57		
15+10	1	0	1	49		14.56	14.61	14.08		
15+10	1	74	1	0		21.84	21.88	21.40		
15+10	75	0	50	0	64-QAM	19.74	19.77	19.21	22.67	0.1849
15+10	1	0	1	49		14.28	14.34	13.82		
15+10	1	74	1	0		19.52	19.43	18.93		
15+10	75	0	50	0	256-QAM	17.80	17.83	17.28	20.73	0.1183
15+10	1	0	1	49		14.37	14.41	13.89		
15+10	1	74	1	0		17.58	17.60	17.07		
10+15	50	0	75	0	QPSK	20.83	20.65	20.37	26.04	0.4018
10+15	1	0	0	0		23.14	22.18	22.88		
10+15	1	0	1	74		14.63	14.46	14.16		
10+15	1	49	1	0		22.97	22.85	22.40		
10+15	50	0	75	0	16-QAM	19.75	19.64	19.36	25.72	0.3733
10+15	1	0	0	0		22.73	22.82	22.50		
10+15	1	0	1	74		14.68	14.53	14.22		
10+15	1	49	1	0		21.94	21.89	21.58		
10+15	50	0	75	0	64-QAM	19.83	19.69	19.33	22.73	0.1875
10+15	1	0	1	74		14.43	14.30	13.97		
10+15	1	49	1	0		19.54	19.44	19.07		
10+15	50	0	75	0	256-QAM	17.97	17.82	17.48	20.87	0.1222
10+15	1	0	1	74		14.52	14.37	14.03		
10+15	1	49	1	0		17.71	17.64	17.23		
Limit	EIRP < 2W					Result			Pass	



<TX1 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.73	23.74	23.62	26.34	0.4305
20	1	49		23.55	23.48	23.41		
20	1	99		23.57	23.62	23.53		
20	50	0		22.67	22.71	22.61		
20	50	24		22.65	22.67	22.59		
20	50	50		22.61	22.65	22.57		
20	100	0		22.65	22.69	22.60		
20	1	0	16-QAM	23.06	23.05	22.90	25.66	0.3681
20	1	49		22.96	23.01	22.94		
20	1	99		22.88	22.89	22.80		
20	50	0		21.67	21.72	21.60		
20	50	24		21.60	21.66	21.58		
20	50	50		21.60	21.64	21.55		
20	100	0		21.64	21.69	21.59		
20	1	0	64-QAM	21.92	21.94	21.79	24.55	0.2851
20	1	49		21.91	21.95	21.88		
20	1	99		21.76	21.77	21.70		
20	50	0		20.72	20.75	20.64		
20	50	24		20.67	20.72	20.60		
20	50	50		20.65	20.69	20.58		
20	100	0		20.66	20.73	20.59		
20	1	0	256-QAM	18.68	18.72	18.66	21.32	0.1355
20	1	49		18.43	18.48	18.39		
20	1	99		18.43	18.52	18.47		
20	50	0		18.50	18.54	18.50		
20	50	24		18.46	18.51	18.46		
20	50	50		18.40	18.49	18.44		
20	100	0		18.49	18.56	18.53		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.71	23.71	23.55	26.31	0.4276
15	1	37		23.53	23.40	23.34		
15	1	74		23.51	23.53	23.47		
15	36	0		22.60	22.66	22.58		
15	36	20		22.64	22.61	22.52		
15	36	39		22.60	22.61	22.53		
15	75	0		22.55	22.65	22.51		
15	1	0	16-QAM	23.02	22.96	22.83	25.62	0.3648
15	1	37		22.93	22.92	22.85		
15	1	74		22.83	22.80	22.76		
15	36	0		21.66	21.67	21.59		
15	36	20		21.52	21.59	21.55		
15	36	39		21.57	21.61	21.52		
15	75	0		21.60	21.66	21.53		
15	1	0	64-QAM	21.86	21.91	21.77	24.53	0.2838
15	1	37		21.85	21.93	21.84		
15	1	74		21.74	21.70	21.61		
15	36	0		20.63	20.67	20.59		
15	36	20		20.58	20.63	20.53		
15	36	39		20.57	20.67	20.50		
15	75	0		20.61	20.68	20.58		
15	1	0	256-QAM	18.64	18.65	18.65	21.25	0.1334
15	1	37		18.41	18.44	18.37		
15	1	74		18.38	18.44	18.39		
15	36	0		18.45	18.48	18.42		
15	36	20		18.39	18.41	18.41		
15	36	39		18.34	18.45	18.37		
15	75	0		18.39	18.48	18.49		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.66	23.70	23.61	26.30	0.4266
10	1	25		23.54	23.47	23.31		
10	1	49		23.49	23.56	23.51		
10	25	0		22.63	22.65	22.58		
10	25	12		22.59	22.59	22.58		
10	25	25		22.55	22.63	22.48		
10	50	0		22.58	22.66	22.53		
10	1	0	16-QAM	22.98	22.98	22.85	25.58	0.3614
10	1	25		22.93	22.93	22.93		
10	1	49		22.84	22.88	22.78		
10	25	0		21.62	21.71	21.52		
10	25	12		21.50	21.62	21.48		
10	25	25		21.50	21.58	21.49		
10	50	0		21.59	21.68	21.53		
10	1	0	64-QAM	21.83	21.87	21.73	24.48	0.2805
10	1	25		21.88	21.85	21.78		
10	1	49		21.66	21.71	21.66		
10	25	0		20.68	20.67	20.59		
10	25	12		20.62	20.71	20.50		
10	25	25		20.62	20.60	20.53		
10	50	0		20.65	20.71	20.53		
10	1	0	256-QAM	18.67	18.63	18.57	21.27	0.1340
10	1	25		18.42	18.43	18.30		
10	1	49		18.40	18.44	18.39		
10	25	0		18.43	18.50	18.42		
10	25	12		18.38	18.50	18.36		
10	25	25		18.38	18.39	18.42		
10	50	0		18.43	18.49	18.45		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.63	23.73	23.52	26.33	0.4295
5	1	12		23.53	23.47	23.34		
5	1	24		23.56	23.59	23.44		
5	12	0		22.58	22.61	22.55		
5	12	7		22.61	22.62	22.49		
5	12	13		22.55	22.56	22.48		
5	25	0		22.55	22.67	22.52		
5	1	0	16-QAM	23.00	22.97	22.83	25.60	0.3631
5	1	12		22.88	22.91	22.90		
5	1	24		22.86	22.79	22.73		
5	12	0		21.62	21.64	21.51		
5	12	7		21.56	21.57	21.51		
5	12	13		21.58	21.57	21.54		
5	25	0		21.57	21.61	21.57		
5	1	0	64-QAM	21.88	21.89	21.73	24.52	0.2831
5	1	12		21.87	21.92	21.85		
5	1	24		21.66	21.71	21.64		
5	12	0		20.63	20.67	20.56		
5	12	7		20.62	20.64	20.50		
5	12	13		20.58	20.64	20.50		
5	25	0		20.60	20.67	20.56		
5	1	0	256-QAM	18.60	18.70	18.65	21.30	0.1349
5	1	12		18.33	18.39	18.34		
5	1	24		18.40	18.48	18.42		
5	12	0		18.47	18.52	18.40		
5	12	7		18.40	18.44	18.36		
5	12	13		18.32	18.40	18.37		
5	25	0		18.43	18.48	18.44		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.63	23.68	23.56	26.28	0.4246
3	1	8		23.51	23.43	23.37		
3	1	14		23.54	23.53	23.50		
3	8	0		22.66	22.69	22.56		
3	8	4		22.58	22.65	22.56		
3	8	7		22.55	22.55	22.54		
3	15	0		22.60	22.67	22.51		
3	1	0	16-QAM	22.96	22.97	22.85	25.57	0.3606
3	1	8		22.92	22.91	22.90		
3	1	14		22.85	22.79	22.72		
3	8	0		21.62	21.63	21.51		
3	8	4		21.55	21.59	21.50		
3	8	7		21.59	21.62	21.49		
3	15	0		21.58	21.65	21.58		
3	1	0	64-QAM	21.89	21.84	21.72	24.53	0.2838
3	1	8		21.82	21.93	21.86		
3	1	14		21.66	21.72	21.64		
3	8	0		20.66	20.69	20.55		
3	8	4		20.62	20.71	20.55		
3	8	7		20.63	20.62	20.52		
3	15	0		20.63	20.64	20.56		
3	1	0	256-QAM	18.67	18.67	18.64	21.27	0.1340
3	1	8		18.38	18.42	18.30		
3	1	14		18.41	18.49	18.39		
3	8	0		18.45	18.49	18.49		
3	8	4		18.45	18.49	18.43		
3	8	7		18.32	18.45	18.36		
3	15	0		18.47	18.46	18.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.57	23.61	23.52	26.21	0.4178
1.4	1	3		23.46	23.50	23.41		
1.4	1	5		23.55	23.52	23.44		
1.4	3	0		23.49	23.54	23.47		
1.4	3	1		23.39	23.43	23.36		
1.4	3	3		23.48	23.52	23.47		
1.4	6	0		22.51	22.54	22.48		
1.4	1	0	16-QAM	22.77	22.83	22.75	25.47	0.3524
1.4	1	3		22.69	22.78	22.65		
1.4	1	5		22.76	22.87	22.75		
1.4	3	0		22.45	22.49	22.41		
1.4	3	1		22.50	22.56	22.46		
1.4	3	3		22.45	22.50	22.42		
1.4	6	0		21.58	21.60	21.53		
1.4	1	0	64-QAM	21.75	21.82	21.69	24.42	0.2767
1.4	1	3		21.59	21.64	21.52		
1.4	1	5		21.72	21.77	21.66		
1.4	3	0		21.56	21.62	21.50		
1.4	3	1		21.61	21.64	21.55		
1.4	3	3		21.62	21.68	21.56		
1.4	6	0		20.47	20.51	20.40		
1.4	1	0	256-QAM	18.61	18.69	18.61	21.29	0.1346
1.4	1	3		18.39	18.39	18.29		
1.4	1	5		18.39	18.49	18.45		
1.4	3	0		18.48	18.44	18.46		
1.4	3	1		18.37	18.42	18.43		
1.4	3	3		18.39	18.45	18.42		
1.4	6	0		18.40	18.53	18.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.62	23.76	23.60	26.36	0.4325
20	1	49		23.47	23.44	23.40		
20	1	99		23.55	23.51	23.49		
20	50	0		22.63	22.73	22.61		
20	50	24		22.62	22.57	22.55		
20	50	50		22.59	22.55	22.54		
20	100	0		22.61	22.62	22.56		
20	1	0	16-QAM	22.93	22.88	22.78	25.53	0.3573
20	1	49		22.81	22.75	22.74		
20	1	99		22.89	22.82	22.77		
20	50	0		21.64	21.58	21.54		
20	50	24		21.61	21.57	21.53		
20	50	50		21.59	21.55	21.53		
20	100	0		21.61	21.58	21.55		
20	1	0	64-QAM	21.86	21.80	21.73	24.46	0.2793
20	1	49		21.78	21.72	21.70		
20	1	99		21.81	21.76	21.73		
20	50	0		20.66	20.63	20.58		
20	50	24		20.64	20.59	20.58		
20	50	50		20.63	20.56	20.56		
20	100	0		20.63	20.60	20.56		
20	1	0	256-QAM	18.81	18.85	18.78	21.45	0.1396
20	1	49		18.62	18.63	18.62		
20	1	99		18.50	18.52	18.44		
20	50	0		18.47	18.56	18.52		
20	50	24		18.54	18.55	18.47		
20	50	50		18.42	18.52	18.44		
20	100	0		18.45	18.54	18.52		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.62	23.63	23.57	26.23	0.4198
15	1	37		23.47	23.36	23.45		
15	1	74		23.46	23.51	23.42		
15	36	0		22.56	22.61	22.53		
15	36	20		22.53	22.56	22.49		
15	36	39		22.51	22.54	22.48		
15	75	0		22.53	22.57	22.50		
15	1	0	16-QAM	22.91	22.95	22.82	25.55	0.3589
15	1	37		22.85	22.89	22.83		
15	1	74		22.76	22.79	22.68		
15	36	0		21.57	21.62	21.52		
15	36	20		21.50	21.56	21.49		
15	36	39		21.49	21.56	21.48		
15	75	0		21.54	21.59	21.50		
15	1	0	64-QAM	21.80	21.85	21.71	24.47	0.2799
15	1	37		21.81	21.87	21.79		
15	1	74		21.68	21.68	21.62		
15	36	0		20.61	20.67	20.56		
15	36	20		20.56	20.62	20.53		
15	36	39		20.55	20.57	20.51		
15	75	0		20.55	20.61	20.51		
15	1	0	256-QAM	18.78	18.83	18.71	21.43	0.1390
15	1	37		18.60	18.60	18.58		
15	1	74		18.40	18.49	18.37		
15	36	0		18.37	18.53	18.51		
15	36	20		18.46	18.53	18.37		
15	36	39		18.33	18.48	18.39		
15	75	0		18.43	18.46	18.42		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.54	23.59	23.48	26.19	0.4159
10	1	25		23.49	23.47	23.43		
10	1	49		23.47	23.52	23.43		
10	25	0		22.57	22.59	22.49		
10	25	12		22.54	22.58	22.49		
10	25	25		22.52	22.55	22.46		
10	50	0		22.57	22.59	22.49		
10	1	0	16-QAM	22.74	22.80	22.69	25.40	0.3467
10	1	25		22.73	22.77	22.67		
10	1	49		22.73	22.76	22.64		
10	25	0		21.56	21.56	21.47		
10	25	12		21.52	21.54	21.46		
10	25	25		21.52	21.54	21.44		
10	50	0		21.54	21.56	21.45		
10	1	0	64-QAM	21.68	21.73	21.60	24.33	0.2710
10	1	25		21.62	21.67	21.55		
10	1	49		21.65	21.69	21.56		
10	25	0		20.55	20.59	20.45		
10	25	12		20.53	20.56	20.44		
10	25	25		20.52	20.55	20.43		
10	50	0		20.57	20.59	20.48		
10	1	0	256-QAM	18.74	18.78	18.77	21.38	0.1374
10	1	25		18.61	18.55	18.60		
10	1	49		18.40	18.49	18.34		
10	25	0		18.38	18.51	18.42		
10	25	12		18.44	18.45	18.41		
10	25	25		18.33	18.43	18.40		
10	50	0		18.44	18.44	18.49		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.49	23.63	23.59	26.23	0.4198
5	1	12		23.45	23.54	23.46		
5	1	24		23.50	23.55	23.47		
5	12	0		22.56	22.59	22.51		
5	12	7		22.53	22.55	22.49		
5	12	13		22.56	22.57	22.52		
5	25	0		22.56	22.56	22.54		
5	1	0	16-QAM	22.80	22.85	22.80	25.45	0.3508
5	1	12		22.82	22.85	22.82		
5	1	24		22.77	22.81	22.76		
5	12	0		21.53	21.55	21.51		
5	12	7		21.55	21.58	21.53		
5	12	13		21.51	21.57	21.49		
5	25	0		21.50	21.54	21.49		
5	1	0	64-QAM	21.75	21.79	21.72	24.49	0.2812
5	1	12		21.84	21.89	21.80		
5	1	24		21.69	21.76	21.67		
5	12	0		20.62	20.64	20.55		
5	12	7		20.63	20.64	20.55		
5	12	13		20.62	20.63	20.54		
5	25	0		20.54	20.55	20.50		
5	1	0	256-QAM	18.77	18.79	18.72	21.39	0.1377
5	1	12		18.55	18.59	18.59		
5	1	24		18.47	18.45	18.34		
5	12	0		18.40	18.53	18.45		
5	12	7		18.45	18.51	18.41		
5	12	13		18.33	18.49	18.39		
5	25	0		18.40	18.53	18.45		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.62	23.50	23.61	26.22	0.4188
3	1	8		23.41	23.42	23.52		
3	1	14		23.44	23.47	23.59		
3	8	0		22.58	22.60	22.54		
3	8	4		22.47	22.49	22.42		
3	8	7		22.56	22.57	22.52		
3	15	0		22.58	22.59	22.56		
3	1	0	16-QAM	22.81	22.86	22.83	25.48	0.3532
3	1	8		22.75	22.78	22.73		
3	1	14		22.84	22.88	22.81		
3	8	0		21.58	21.61	21.56		
3	8	4		21.56	21.57	21.51		
3	8	7		21.52	21.56	21.50		
3	15	0		21.58	21.58	21.56		
3	1	0	64-QAM	21.76	21.81	21.74	24.43	0.2773
3	1	8		21.67	21.71	21.65		
3	1	14		21.77	21.83	21.75		
3	8	0		20.62	20.66	20.55		
3	8	4		20.56	20.59	20.50		
3	8	7		20.62	20.67	20.56		
3	15	0		20.53	20.55	20.50		
3	1	0	256-QAM	18.76	18.75	18.75	21.36	0.1368
3	1	8		18.55	18.56	18.56		
3	1	14		18.43	18.43	18.41		
3	8	0		18.39	18.47	18.50		
3	8	4		18.51	18.46	18.40		
3	8	7		18.34	18.47	18.40		
3	15	0		18.40	18.52	18.50		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.44	23.58	23.52	26.18	0.4150
1.4	1	3		23.42	23.46	23.40		
1.4	1	5		23.44	23.56	23.42		
1.4	3	0		23.47	23.52	23.49		
1.4	3	1		23.35	23.39	23.36		
1.4	3	3		23.46	23.48	23.46		
1.4	6	0		22.48	22.51	22.47		
1.4	1	0	16-QAM	22.74	22.83	22.74	25.43	0.3491
1.4	1	3		22.67	22.74	22.65		
1.4	1	5		22.75	22.83	22.71		
1.4	3	0		22.42	22.46	22.40		
1.4	3	1		22.47	22.52	22.44		
1.4	3	3		22.43	22.48	22.41		
1.4	6	0		21.55	21.58	21.53		
1.4	1	0	64-QAM	21.71	21.77	21.66	24.37	0.2735
1.4	1	3		21.57	21.59	21.53		
1.4	1	5		21.69	21.74	21.67		
1.4	3	0		21.55	21.59	21.50		
1.4	3	1		21.58	21.62	21.53		
1.4	3	3		21.60	21.63	21.55		
1.4	6	0		20.44	20.48	20.41		
1.4	1	0	256-QAM	18.79	18.80	18.73	21.40	0.1380
1.4	1	3		18.61	18.57	18.61		
1.4	1	5		18.42	18.42	18.37		
1.4	3	0		18.42	18.46	18.43		
1.4	3	1		18.45	18.47	18.46		
1.4	3	3		18.38	18.50	18.35		
1.4	6	0		18.37	18.47	18.47		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.86	23.88	23.84	25.78	0.3784
20	1	49		23.70	23.72	23.65		
20	1	99		23.76	23.72	23.70		
20	50	0		22.84	22.86	22.82		
20	50	24		22.82	22.79	22.77		
20	50	50		22.78	22.77	22.75		
20	100	0		22.82	22.83	22.79		
20	1	0	16-QAM	23.15	23.06	23.06	25.05	0.3199
20	1	49		23.05	22.93	23.01		
20	1	99		23.05	23.03	23.06		
20	50	0		21.84	21.77	21.80		
20	50	24		21.80	21.75	21.80		
20	50	50		21.77	21.75	21.78		
20	100	0		21.81	21.76	21.81		
20	1	0	64-QAM	22.02	21.98	21.99	23.92	0.2466
20	1	49		21.91	21.86	21.95		
20	1	99		21.92	21.90	21.93		
20	50	0		20.90	20.80	20.82		
20	50	24		20.85	20.77	20.81		
20	50	50		20.82	20.75	20.80		
20	100	0		20.83	20.73	20.80		
20	1	0	256-QAM	18.94	18.95	18.87	20.85	0.1216
20	1	49		18.61	18.63	18.60		
20	1	99		18.77	18.85	18.76		
20	50	0		18.69	18.75	18.74		
20	50	24		18.62	18.71	18.67		
20	50	50		18.57	18.64	18.59		
20	100	0		18.69	18.77	18.73		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.74	23.78	23.81	25.71	0.3724
15	1	37		23.49	23.53	23.60		
15	1	74		23.60	23.68	23.66		
15	36	0		22.71	22.75	22.76		
15	36	20		22.68	22.73	22.73		
15	36	39		22.68	22.71	22.71		
15	75	0		22.71	22.72	22.74		
15	1	0	16-QAM	23.03	23.02	23.06	24.97	0.3141
15	1	37		23.00	23.00	23.07		
15	1	74		22.86	22.93	22.96		
15	36	0		21.74	21.71	21.77		
15	36	20		21.69	21.65	21.73		
15	36	39		21.66	21.64	21.71		
15	75	0		21.71	21.67	21.75		
15	1	0	64-QAM	21.93	21.91	21.97	23.92	0.2466
15	1	37		21.99	21.97	22.02		
15	1	74		21.78	21.83	21.86		
15	36	0		20.74	20.73	20.80		
15	36	20		20.71	20.70	20.79		
15	36	39		20.67	20.68	20.77		
15	75	0		20.69	20.67	20.77		
15	1	0	256-QAM	18.85	18.92	18.86	20.82	0.1208
15	1	37		18.53	18.58	18.52		
15	1	74		18.71	18.84	18.66		
15	36	0		18.61	18.68	18.71		
15	36	20		18.53	18.66	18.59		
15	36	39		18.49	18.55	18.51		
15	75	0		18.62	18.67	18.64		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.63	23.74	23.81	25.71	0.3724
10	1	25		23.56	23.67	23.75		
10	1	49		23.59	23.67	23.72		
10	25	0		22.68	22.75	22.83		
10	25	12		22.66	22.72	22.81		
10	25	25		22.64	22.71	22.79		
10	50	0		22.66	22.74	22.81		
10	1	0	16-QAM	22.86	22.94	23.05	24.95	0.3126
10	1	25		22.86	22.94	23.03		
10	1	49		22.87	22.91	23.00		
10	25	0		21.66	21.73	21.80		
10	25	12		21.65	21.71	21.77		
10	25	25		21.64	21.69	21.75		
10	50	0		21.66	21.69	21.76		
10	1	0	64-QAM	21.78	21.84	21.91	23.81	0.2404
10	1	25		21.76	21.78	21.84		
10	1	49		21.80	21.79	21.87		
10	25	0		20.65	20.71	20.79		
10	25	12		20.63	20.70	20.77		
10	25	25		20.61	20.68	20.74		
10	50	0		20.65	20.72	20.78		
10	1	0	256-QAM	18.92	18.90	18.80	20.82	0.1208
10	1	25		18.60	18.54	18.51		
10	1	49		18.75	18.75	18.74		
10	25	0		18.60	18.74	18.73		
10	25	12		18.53	18.61	18.65		
10	25	25		18.54	18.63	18.53		
10	50	0		18.65	18.76	18.65		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.69	23.80	23.73	25.70	0.3715
5	1	12		23.59	23.66	23.67		
5	1	24		23.60	23.66	23.71		
5	12	0		22.62	22.72	22.75		
5	12	7		22.58	22.69	22.71		
5	12	13		22.61	22.71	22.73		
5	25	0		22.63	22.73	22.77		
5	1	0	16-QAM	22.87	23.03	23.07	24.97	0.3141
5	1	12		22.90	23.04	23.07		
5	1	24		22.86	22.98	23.03		
5	12	0		21.62	21.68	21.72		
5	12	7		21.65	21.71	21.74		
5	12	13		21.63	21.67	21.70		
5	25	0		21.61	21.67	21.72		
5	1	0	64-QAM	21.85	21.89	21.92	23.92	0.2466
5	1	12		21.95	21.98	22.02		
5	1	24		21.83	21.83	21.88		
5	12	0		20.66	20.74	20.78		
5	12	7		20.67	20.74	20.80		
5	12	13		20.67	20.74	20.78		
5	25	0		20.61	20.71	20.75		
5	1	0	256-QAM	18.87	18.88	18.83	20.78	0.1197
5	1	12		18.52	18.60	18.55		
5	1	24		18.75	18.81	18.73		
5	12	0		18.61	18.68	18.70		
5	12	7		18.53	18.63	18.63		
5	12	13		18.47	18.63	18.51		
5	25	0		18.68	18.69	18.64		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.59	23.79	23.81	25.71	0.3724
3	1	8		23.50	23.74	23.77		
3	1	14		23.53	23.80	23.65		
3	8	0		22.66	22.74	22.77		
3	8	4		22.55	22.64	22.65		
3	8	7		22.64	22.72	22.73		
3	15	0		22.73	22.82	22.85		
3	1	0	16-QAM	22.92	23.01	23.06	24.97	0.3141
3	1	8		22.83	22.94	22.99		
3	1	14		22.93	23.04	23.07		
3	8	0		21.71	21.75	21.78		
3	8	4		21.68	21.70	21.73		
3	8	7		21.67	21.69	21.71		
3	15	0		21.74	21.78	21.81		
3	1	0	64-QAM	21.90	21.92	21.95	23.85	0.2427
3	1	8		21.81	21.83	21.84		
3	1	14		21.91	21.92	21.92		
3	8	0		20.70	20.75	20.78		
3	8	4		20.64	20.71	20.72		
3	8	7		20.69	20.77	20.79		
3	15	0		20.65	20.71	20.74		
3	1	0	256-QAM	18.86	18.90	18.79	20.80	0.1202
3	1	8		18.53	18.55	18.51		
3	1	14		18.75	18.77	18.72		
3	8	0		18.62	18.72	18.72		
3	8	4		18.52	18.63	18.61		
3	8	7		18.52	18.60	18.53		
3	15	0		18.66	18.70	18.67		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.53	23.72	23.78	25.68	0.3698
1.4	1	3		23.49	23.62	23.65		
1.4	1	5		23.52	23.68	23.68		
1.4	3	0		23.54	23.66	23.69		
1.4	3	1		23.43	23.55	23.60		
1.4	3	3		23.54	23.64	23.68		
1.4	6	0		22.61	22.71	22.76		
1.4	1	0	16-QAM	22.84	22.97	23.02	24.93	0.3112
1.4	1	3		22.78	22.89	22.95		
1.4	1	5		22.83	22.97	23.03		
1.4	3	0		22.48	22.61	22.66		
1.4	3	1		22.54	22.67	22.71		
1.4	3	3		22.50	22.64	22.67		
1.4	6	0		21.66	21.73	21.78		
1.4	1	0	64-QAM	21.81	21.84	21.89	23.79	0.2393
1.4	1	3		21.67	21.71	21.72		
1.4	1	5		21.79	21.83	21.87		
1.4	3	0		21.65	21.71	21.74		
1.4	3	1		21.67	21.74	21.76		
1.4	3	3		21.70	21.75	21.78		
1.4	6	0		20.55	20.63	20.68		
1.4	1	0	256-QAM	18.85	18.94	18.80	20.84	0.1213
1.4	1	3		18.51	18.53	18.58		
1.4	1	5		18.72	18.83	18.69		
1.4	3	0		18.61	18.68	18.68		
1.4	3	1		18.61	18.69	18.62		
1.4	3	3		18.55	18.61	18.49		
1.4	6	0		18.68	18.75	18.65		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.57	23.69	23.63	15.94	0.0393
10	1	25		23.56	23.61	23.60		
10	1	49		23.50	23.57	23.48		
10	25	0		22.58	22.63	22.61		
10	25	12		22.55	22.60	22.58		
10	25	25		22.56	22.59	22.54		
10	50	0		22.58	22.62	22.59		
10	1	0	16-QAM	22.69	22.85	22.88	15.13	0.0326
10	1	25		22.61	22.74	22.78		
10	1	49		22.61	22.88	22.68		
10	25	0		21.56	21.62	21.62		
10	25	12		21.54	21.61	21.59		
10	25	25		21.51	21.60	21.55		
10	50	0		21.55	21.62	21.61		
10	1	0	64-QAM	21.61	21.77	21.78	14.03	0.0253
10	1	25		21.30	21.63	21.63		
10	1	49		21.49	21.75	21.63		
10	25	0		19.59	19.60	19.61		
10	25	12		19.53	19.62	19.59		
10	25	25		19.53	19.61	19.57		
10	50	0		19.58	19.64	19.61		
10	1	0	256-QAM	17.19	17.21	17.15	9.46	0.0088
10	1	25		17.10	17.11	17.05		
10	1	49		17.04	17.07	17.02		
10	25	0		16.51	16.60	16.50		
10	25	12		16.48	16.55	16.47		
10	25	25		16.50	16.56	16.47		
10	50	0		16.52	16.55	16.54		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.61	23.66	23.65	15.91	0.0390
5	1	12		23.56	23.61	23.51		
5	1	24		23.57	23.65	23.46		
5	12	0		22.66	22.63	22.60		
5	12	7		22.64	22.62	22.55		
5	12	13		22.64	22.62	22.54		
5	25	0		22.65	22.61	22.56		
5	1	0	16-QAM	22.93	22.93	22.91	15.20	0.0331
5	1	12		22.95	22.90	22.89		
5	1	24		22.88	22.87	22.68		
5	12	0		21.64	21.62	21.59		
5	12	7		21.67	21.63	21.59		
5	12	13		21.64	21.60	21.52		
5	25	0		21.63	21.58	21.54		
5	1	0	64-QAM	21.88	21.88	21.85	14.21	0.0264
5	1	12		21.95	21.96	21.89		
5	1	24		21.81	21.81	21.64		
5	12	0		19.70	19.67	19.64		
5	12	7		19.68	19.67	19.61		
5	12	13		19.69	19.66	19.57		
5	25	0		19.64	19.61	19.55		
5	1	0	256-QAM	17.16	17.11	17.09	9.41	0.0087
5	1	12		17.03	17.07	17.04		
5	1	24		17.03	16.97	16.99		
5	12	0		16.43	16.59	16.44		
5	12	7		16.40	16.50	16.39		
5	12	13		16.46	16.50	16.44		
5	25	0		16.51	16.47	16.46		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.60	23.67	23.61	15.93	0.0392
3	1	8		23.51	23.57	23.48		
3	1	14		23.61	23.68	23.47		
3	8	0		22.61	22.62	22.54		
3	8	4		22.54	22.54	22.46		
3	8	7		22.58	22.60	22.49		
3	15	0		22.58	22.62	22.57		
3	1	0	16-QAM	22.58	22.90	22.85	15.16	0.0328
3	1	8		22.54	22.82	22.72		
3	1	14		22.55	22.91	22.73		
3	8	0		21.55	21.64	21.58		
3	8	4		21.54	21.63	21.53		
3	8	7		21.53	21.61	21.50		
3	15	0		21.55	21.62	21.54		
3	1	0	64-QAM	21.57	21.82	21.75	14.07	0.0255
3	1	8		21.45	21.70	21.62		
3	1	14		21.53	21.82	21.66		
3	8	0		19.60	19.65	19.57		
3	8	4		19.54	19.61	19.52		
3	8	7		19.64	19.68	19.57		
3	15	0		19.53	19.60	19.52		
3	1	0	256-QAM	17.18	17.11	17.06	9.43	0.0088
3	1	8		17.00	17.06	16.95		
3	1	14		16.97	17.05	16.96		
3	8	0		16.45	16.56	16.42		
3	8	4		16.47	16.52	16.44		
3	8	7		16.45	16.49	16.42		
3	15	0		16.49	16.48	16.50		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -5.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.56	23.55	23.45	15.84	0.0384
1.4	1	3		23.54	23.50	23.38		
1.4	1	5		23.56	23.54	23.42		
1.4	3	0		23.58	23.56	23.47		
1.4	3	1		23.46	23.44	23.34		
1.4	3	3		23.59	23.57	23.48		
1.4	6	0		22.57	22.57	22.51		
1.4	1	0	16-QAM	22.88	22.87	22.70	15.13	0.0326
1.4	1	3		22.77	22.73	22.61		
1.4	1	5		22.85	22.85	22.68		
1.4	3	0		22.57	22.54	22.42		
1.4	3	1		22.63	22.59	22.47		
1.4	3	3		22.58	22.54	22.42		
1.4	6	0		21.65	21.61	21.53		
1.4	1	0	64-QAM	21.79	21.80	21.68	14.05	0.0254
1.4	1	3		21.60	21.58	21.46		
1.4	1	5		21.77	21.76	21.64		
1.4	3	0		21.65	21.64	21.55		
1.4	3	1		21.70	21.69	21.57		
1.4	3	3		21.69	21.70	21.59		
1.4	6	0		19.57	19.55	19.47		
1.4	1	0	256-QAM	17.04	17.14	17.05	9.39	0.0087
1.4	1	3		16.91	16.98	16.91		
1.4	1	5		16.80	16.90	16.81		
1.4	3	0		16.93	17.01	16.94		
1.4	3	1		16.92	16.98	16.94		
1.4	3	3		16.94	16.95	16.93		
1.4	6	0		16.47	16.48	16.40		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.01	24.10	24.08	25.40	0.3467
20	1	49		23.84	24.01	23.95		
20	1	99		24.00	24.02	24.06		
20	50	0		23.01	23.06	23.05		
20	50	24		22.99	22.98	23.04		
20	50	50		22.96	22.99	23.01		
20	100	0		22.99	23.01	23.04		
20	1	0	16-QAM	23.27	23.31	23.28	24.70	0.2951
20	1	49		23.30	23.34	23.40		
20	1	99		23.21	23.31	23.36		
20	50	0		21.97	21.99	21.99		
20	50	24		21.95	21.96	22.03		
20	50	50		21.97	21.96	22.06		
20	100	0		21.97	21.99	22.07		
20	1	0	64-QAM	22.15	22.18	22.21	23.58	0.2280
20	1	49		22.19	22.21	22.28		
20	1	99		22.15	22.17	22.28		
20	50	0		20.99	21.00	21.03		
20	50	24		21.01	21.00	21.04		
20	50	50		21.00	20.99	21.07		
20	100	0		20.99	20.97	21.03		
20	1	0	256-QAM	18.95	18.99	18.98	20.29	0.1069
20	1	49		18.51	18.61	18.60		
20	1	99		18.81	18.85	18.77		
20	50	0		18.82	18.83	18.80		
20	50	24		18.72	18.77	18.75		
20	50	50		18.64	18.70	18.63		
20	100	0		18.69	18.75	18.73		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.98	24.01	24.00	25.36	0.3436
15	1	37		23.84	24.01	23.95		
15	1	74		24.00	24.02	24.06		
15	36	0		22.99	22.98	23.01		
15	36	20		22.99	22.98	23.04		
15	36	39		22.96	22.99	23.05		
15	75	0		22.99	22.98	23.04		
15	1	0	16-QAM	23.27	23.31	23.28	24.70	0.2951
15	1	37		23.30	23.34	23.40		
15	1	74		23.21	23.31	23.36		
15	36	0		21.97	21.99	21.99		
15	36	20		21.95	21.96	22.03		
15	36	39		21.97	21.96	22.06		
15	75	0		21.97	21.99	22.07		
15	1	0	64-QAM	22.15	22.18	22.21	23.58	0.2280
15	1	37		22.19	22.21	22.28		
15	1	74		22.15	22.17	22.28		
15	36	0		20.99	21.00	21.03		
15	36	20		21.01	21.00	21.04		
15	36	39		21.00	20.99	21.07		
15	75	0		20.99	20.97	21.03		
15	1	0	256-QAM	18.89	18.97	18.88	20.27	0.1064
15	1	37		18.44	18.56	18.53		
15	1	74		18.74	18.84	18.68		
15	36	0		18.81	18.74	18.73		
15	36	20		18.71	18.71	18.67		
15	36	39		18.59	18.62	18.58		
15	75	0		18.61	18.65	18.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.00	23.94	24.02	25.33	0.3412
10	1	25		23.92	23.93	23.92		
10	1	49		23.98	23.98	24.03		
10	25	0		23.00	22.98	23.03		
10	25	12		23.00	22.97	23.03		
10	25	25		23.01	22.98	23.02		
10	50	0		22.99	22.97	23.02		
10	1	0	16-QAM	23.20	23.20	23.23	24.57	0.2864
10	1	25		23.23	23.17	23.23		
10	1	49		23.23	23.23	23.27		
10	25	0		21.96	21.96	22.01		
10	25	12		21.98	21.95	21.99		
10	25	25		21.99	21.96	22.00		
10	50	0		21.98	21.95	21.98		
10	1	0	64-QAM	22.08	22.11	22.14	23.47	0.2223
10	1	25		22.08	22.08	22.10		
10	1	49		22.17	22.13	22.13		
10	25	0		20.94	20.92	20.93		
10	25	12		20.93	20.91	20.95		
10	25	25		20.97	20.92	20.97		
10	50	0		20.96	20.95	21.00		
10	1	0	256-QAM	18.92	18.98	18.89	20.28	0.1067
10	1	25		18.41	18.52	18.56		
10	1	49		18.77	18.75	18.68		
10	25	0		18.75	18.76	18.70		
10	25	12		18.67	18.70	18.71		
10	25	25		18.57	18.62	18.60		
10	50	0		18.62	18.70	18.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.02	24.05	24.09	25.39	0.3459
5	1	12		23.95	23.98	23.93		
5	1	24		24.01	23.94	23.97		
5	12	0		22.93	22.95	22.98		
5	12	7		22.91	22.93	22.95		
5	12	13		22.94	22.96	22.98		
5	25	0		22.94	22.96	22.99		
5	1	0	16-QAM	23.22	23.27	23.29	24.62	0.2897
5	1	12		23.28	23.30	23.32		
5	1	24		23.27	23.27	23.27		
5	12	0		21.92	21.95	21.97		
5	12	7		21.95	21.95	21.99		
5	12	13		21.92	21.93	21.98		
5	25	0		21.90	21.92	21.97		
5	1	0	64-QAM	22.12	22.17	22.21	23.56	0.2270
5	1	12		22.24	22.24	22.26		
5	1	24		22.16	22.14	22.17		
5	12	0		20.94	20.99	21.01		
5	12	7		20.99	21.01	21.03		
5	12	13		20.97	20.98	21.01		
5	25	0		20.90	20.90	20.95		
5	1	0	256-QAM	18.88	18.93	18.90	20.23	0.1054
5	1	12		18.43	18.59	18.52		
5	1	24		18.80	18.75	18.74		
5	12	0		18.74	18.80	18.74		
5	12	7		18.62	18.72	18.66		
5	12	13		18.61	18.62	18.60		
5	25	0		18.59	18.74	18.69		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.03	24.05	24.02	17.30	0.0537
10	1	25		24.00	23.91	24.01		
10	1	49		23.95	23.89	23.93		
10	25	0		23.02	23.03	23.00		
10	25	12		23.01	22.98	22.99		
10	25	25		22.99	22.99	22.98		
10	50	0		23.01	23.02	23.00		
10	1	0	16-QAM	23.21	23.19	23.16	16.60	0.0457
10	1	25		23.35	23.22	23.27		
10	1	49		23.16	23.12	23.18		
10	25	0		22.00	21.96	21.96		
10	25	12		21.98	21.96	21.95		
10	25	25		21.98	21.95	21.98		
10	50	0		22.00	21.96	21.99		
10	1	0	64-QAM	22.10	22.09	22.07	15.43	0.0349
10	1	25		22.18	22.12	21.96		
10	1	49		22.08	22.09	22.11		
10	25	0		20.01	19.95	19.99		
10	25	12		19.99	19.96	19.97		
10	25	25		20.01	19.96	19.98		
10	50	0		20.03	19.99	19.99		
10	1	0	256-QAM	18.58	18.63	18.55	11.88	0.0154
10	1	25		18.25	18.35	18.27		
10	1	49		18.35	18.41	18.32		
10	25	0		18.33	18.42	18.39		
10	25	12		18.35	18.38	18.36		
10	25	25		18.23	18.31	18.22		
10	50	0		18.43	18.44	18.38		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.98	24.00	24.01	17.26	0.0532
5	1	12		23.93	23.94	23.99		
5	1	24		23.96	24.01	23.97		
5	12	0		23.04	23.01	23.03		
5	12	7		23.01	22.97	23.03		
5	12	13		23.03	22.99	23.04		
5	25	0		23.02	23.02	23.02		
5	1	0	16-QAM	23.26	23.25	23.25	16.60	0.0457
5	1	12		23.35	23.25	23.34		
5	1	24		23.26	23.16	23.23		
5	12	0		22.00	21.97	21.99		
5	12	7		22.02	21.99	22.03		
5	12	13		22.00	21.96	22.01		
5	25	0		21.99	21.95	21.99		
5	1	0	64-QAM	22.21	22.17	22.17	15.58	0.0361
5	1	12		22.33	22.18	22.31		
5	1	24		22.20	22.11	22.17		
5	12	0		20.06	19.96	20.05		
5	12	7		20.07	20.01	20.06		
5	12	13		20.06	20.02	20.06		
5	25	0		20.00	19.99	20.00		
5	1	0	256-QAM	18.52	18.61	18.45	11.86	0.0153
5	1	12		18.24	18.28	18.21		
5	1	24		18.28	18.40	18.31		
5	12	0		18.28	18.36	18.38		
5	12	7		18.31	18.35	18.28		
5	12	13		18.17	18.26	18.13		
5	25	0		18.35	18.34	18.32		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.00	23.90	24.01	17.26	0.0532
3	1	8		23.88	23.86	23.98		
3	1	14		23.92	23.89	23.99		
3	8	0		23.02	23.00	23.04		
3	8	4		22.95	22.92	22.96		
3	8	7		23.01	22.98	23.02		
3	15	0		23.03	23.07	23.06		
3	1	0	16-QAM	23.25	23.24	23.27	16.55	0.0452
3	1	8		23.22	23.14	23.22		
3	1	14		23.30	23.19	23.25		
3	8	0		22.06	22.02	22.08		
3	8	4		22.04	21.99	22.04		
3	8	7		22.03	21.97	22.02		
3	15	0		22.04	22.02	22.05		
3	1	0	64-QAM	22.21	22.16	22.23	15.48	0.0353
3	1	8		22.15	22.06	22.14		
3	1	14		22.23	22.17	22.22		
3	8	0		20.05	20.02	20.06		
3	8	4		20.00	19.97	20.01		
3	8	7		20.08	20.03	20.08		
3	15	0		19.99	19.97	19.99		
3	1	0	256-QAM	18.52	18.57	18.49	11.82	0.0152
3	1	8		18.19	18.26	18.26		
3	1	14		18.25	18.35	18.23		
3	8	0		18.26	18.38	18.37		
3	8	4		18.29	18.31	18.32		
3	8	7		18.16	18.29	18.19		
3	15	0		18.38	18.38	18.32		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.99	23.89	24.01	17.26	0.0532
1.4	1	3		23.89	23.84	23.96		
1.4	1	5		23.93	23.88	23.96		
1.4	3	0		23.95	23.91	23.94		
1.4	3	1		23.83	23.79	23.84		
1.4	3	3		23.96	23.94	23.97		
1.4	6	0		22.99	22.98	22.95		
1.4	1	0	16-QAM	23.21	23.17	23.28	16.58	0.0455
1.4	1	3		23.33	23.08	23.14		
1.4	1	5		23.22	23.16	23.23		
1.4	3	0		22.93	22.88	22.95		
1.4	3	1		22.99	22.94	22.99		
1.4	3	3		22.94	22.90	22.93		
1.4	6	0		22.01	21.99	22.01		
1.4	1	0	64-QAM	22.15	22.11	22.20	15.45	0.0351
1.4	1	3		21.98	21.92	22.00		
1.4	1	5		22.17	22.09	22.14		
1.4	3	0		22.04	21.99	22.03		
1.4	3	1		22.08	22.02	22.09		
1.4	3	3		22.10	22.05	22.09		
1.4	6	0		19.95	19.92	19.95		
1.4	1	0	256-QAM	18.30	18.38	18.28	11.63	0.0146
1.4	1	3		18.18	18.25	18.15		
1.4	1	5		18.18	18.28	18.24		
1.4	3	0		18.23	18.30	18.25		
1.4	3	1		18.25	18.28	18.22		
1.4	3	3		18.24	18.28	18.23		
1.4	6	0		18.21	18.27	18.17		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -4 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	23.96	-	17.81	0.0604			
10	1	25			23.93						
10	1	49			23.83						
10	25	0			22.96						
10	25	12			22.94						
10	25	25			22.92						
10	50	0			22.96						
10	1	0	16-QAM		23.17		-	17.02	0.0504		
10	1	25			23.09						
10	1	49			23.14						
10	25	0			21.96						
10	25	12			21.95						
10	25	25			21.93						
10	50	0			21.95						
10	1	0	64-QAM		22.14			-	15.99	0.0397	
10	1	25			22.00						
10	1	49			22.08						
10	25	0			19.97						
10	25	12			19.95						
10	25	25			19.94						
10	50	0			19.99						
10	1	0	256-QAM		18.54				-	12.39	0.0173
10	1	25			18.30						
10	1	49			18.31						
10	25	0			18.44						
10	25	12			18.37						
10	25	25			18.23						
10	50	0			18.42						
Limit	ERP < 3W			Result						Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.93	23.90	23.94	17.79	0.0601
5	1	12		23.87	23.84	23.91		
5	1	24		23.92	23.89	23.92		
5	12	0		22.99	22.97	23.01		
5	12	7		22.98	22.96	22.98		
5	12	13		22.99	22.96	22.98		
5	25	0		22.98	22.96	22.97		
5	1	0	16-QAM	23.15	23.22	23.27	17.13	0.0516
5	1	12		23.25	23.23	23.28		
5	1	24		23.21	23.20	23.20		
5	12	0		21.98	21.97	22.01		
5	12	7		22.02	21.99	22.02		
5	12	13		21.98	21.96	21.97		
5	25	0		21.96	21.93	21.94		
5	1	0	64-QAM	22.14	22.17	22.23	16.17	0.0414
5	1	12		22.25	22.24	22.32		
5	1	24		22.16	22.16	22.17		
5	12	0		20.03	20.00	20.03		
5	12	7		20.02	20.00	20.04		
5	12	13		20.03	20.00	20.02		
5	25	0		19.98	19.96	19.95		
5	1	0	256-QAM	18.45	18.48	18.52	12.37	0.0173
5	1	12		18.21	18.29	18.28		
5	1	24		18.28	18.24	18.30		
5	12	0		18.38	18.39	18.43		
5	12	7		18.34	18.36	18.32		
5	12	13		18.20	18.22	18.22		
5	25	0		18.40	18.41	18.40		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.08	24.13	24.09	17.38	0.0547
10	1	25		24.06	24.11	24.08		
10	1	49		24.06	24.10	24.05		
10	25	0		23.13	23.16	23.15		
10	25	12		23.11	23.11	23.12		
10	25	25		23.12	23.13	23.14		
10	50	0		23.12	23.15	23.13		
10	1	0	16-QAM	23.31	23.28	23.29	16.59	0.0456
10	1	25		23.18	23.34	23.19		
10	1	49		23.30	23.32	23.31		
10	25	0		22.09	22.09	22.09		
10	25	12		22.09	22.09	22.10		
10	25	25		22.10	22.10	22.10		
10	50	0		22.11	22.10	22.12		
10	1	0	64-QAM	22.22	22.20	22.22	15.51	0.0356
10	1	25		22.23	22.23	22.26		
10	1	49		22.24	22.22	22.24		
10	25	0		20.07	20.09	20.10		
10	25	12		20.08	20.05	20.09		
10	25	25		20.09	20.09	20.10		
10	50	0		20.12	20.12	20.12		
10	1	0	256-QAM	18.66	18.72	18.70	11.97	0.0157
10	1	25		18.47	18.52	18.45		
10	1	49		18.49	18.50	18.46		
10	25	0		18.52	18.56	18.54		
10	25	12		18.50	18.52	18.46		
10	25	25		18.42	18.46	18.42		
10	50	0		18.46	18.55	18.46		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.10	24.11	24.02	17.36	0.0545
5	1	12		24.00	24.05	23.99		
5	1	24		24.01	24.07	24.00		
5	12	0		23.08	23.11	23.08		
5	12	7		23.05	23.10	23.07		
5	12	13		23.05	23.11	23.09		
5	25	0		23.10	23.17	23.10		
5	1	0	16-QAM	23.31	23.30	23.27	16.64	0.0461
5	1	12		23.38	23.33	23.39		
5	1	24		23.20	23.30	23.27		
5	12	0		22.11	22.07	22.10		
5	12	7		22.05	22.10	22.10		
5	12	13		22.04	22.07	22.08		
5	25	0		22.08	22.07	22.06		
5	1	0	64-QAM	22.12	22.24	22.20	15.61	0.0364
5	1	12		22.32	22.35	22.36		
5	1	24		22.14	22.26	22.22		
5	12	0		20.15	20.15	20.10		
5	12	7		20.10	20.13	20.11		
5	12	13		20.09	20.17	20.11		
5	25	0		20.08	20.11	20.04		
5	1	0	256-QAM	18.58	18.62	18.60	11.87	0.0154
5	1	12		18.38	18.47	18.37		
5	1	24		18.46	18.49	18.39		
5	12	0		18.51	18.55	18.51		
5	12	7		18.46	18.48	18.40		
5	12	13		18.35	18.38	18.36		
5	25	0		18.41	18.54	18.36		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.73	23.63	23.71	16.72	0.0470
15	1	37		23.58	23.58	23.46		
15	1	74		23.63	23.77	23.63		
15	36	0		22.71	22.59	22.70		
15	36	20		22.66	22.80	22.67		
15	36	39		22.65	22.52	22.67		
15	75	0		22.73	22.70	22.71		
15	1	0	16-QAM	23.02	22.77	23.01	15.98	0.0396
15	1	37		22.99	22.96	22.99		
15	1	74		22.92	23.03	22.94		
15	36	0		21.69	21.73	21.68		
15	36	20		21.66	21.57	21.66		
15	36	39		21.65	21.81	21.65		
15	75	0		21.69	21.56	21.67		
15	1	0	64-QAM	21.93	21.95	21.91	14.91	0.0310
15	1	37		21.95	21.87	21.94		
15	1	74		21.81	21.96	21.82		
15	36	0		19.73	19.84	19.70		
15	36	20		19.69	19.84	19.68		
15	36	39		19.67	19.74	19.69		
15	75	0		19.68	19.53	19.68		
15	1	0	256-QAM	17.26	17.38	17.23	10.33	0.0108
15	1	37		17.19	17.02	17.15		
15	1	74		17.01	17.01	17.05		
15	36	0		16.45	16.64	16.44		
15	36	20		16.41	16.59	16.42		
15	36	39		16.39	16.50	16.39		
15	75	0		16.54	16.60	16.48		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.54	23.70	23.58	16.65	0.0462
10	1	25		23.62	23.62	23.52		
10	1	49		23.62	23.48	23.40		
10	25	0		22.52	22.66	22.59		
10	25	12		22.51	22.66	22.54		
10	25	25		22.60	22.70	22.51		
10	50	0		22.58	22.70	22.55		
10	1	0	16-QAM	22.77	22.97	22.82	15.92	0.0391
10	1	25		22.75	22.74	22.75		
10	1	49		22.82	22.78	22.59		
10	25	0		21.64	21.56	21.57		
10	25	12		21.59	21.68	21.53		
10	25	25		21.53	21.68	21.51		
10	50	0		21.51	21.70	21.55		
10	1	0	64-QAM	21.72	21.75	21.74	14.74	0.0298
10	1	25		21.62	21.60	21.63		
10	1	49		21.66	21.79	21.56		
10	25	0		19.59	19.72	19.57		
10	25	12		19.54	19.55	19.55		
10	25	25		19.60	19.67	19.50		
10	50	0		19.54	19.68	19.56		
10	1	0	256-QAM	17.09	17.18	17.21	10.19	0.0104
10	1	25		17.10	17.24	17.07		
10	1	49		17.04	16.88	17.02		
10	25	0		16.48	16.51	16.41		
10	25	12		16.32	16.26	16.34		
10	25	25		16.36	16.41	16.34		
10	50	0		16.56	16.55	16.45		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.67	23.74	23.60	16.69	0.0467
5	1	12		23.43	23.46	23.40		
5	1	24		23.49	23.44	23.39		
5	12	0		22.62	22.58	22.54		
5	12	7		22.63	22.61	22.49		
5	12	13		22.56	22.51	22.47		
5	25	0		22.61	22.52	22.47		
5	1	0	16-QAM	22.88	22.80	22.86	15.93	0.0392
5	1	12		22.78	22.98	22.81		
5	1	24		22.85	22.72	22.62		
5	12	0		21.47	21.60	21.52		
5	12	7		21.64	21.70	21.53		
5	12	13		21.58	21.52	21.46		
5	25	0		21.54	21.51	21.46		
5	1	0	64-QAM	21.78	21.91	21.77	14.91	0.0310
5	1	12		21.86	21.96	21.79		
5	1	24		21.73	21.84	21.57		
5	12	0		19.67	19.65	19.57		
5	12	7		19.67	19.57	19.55		
5	12	13		19.63	19.55	19.51		
5	25	0		19.62	19.69	19.49		
5	1	0	256-QAM	17.13	17.32	17.13	10.27	0.0106
5	1	12		17.16	17.25	17.10		
5	1	24		17.06	16.98	16.96		
5	12	0		16.40	16.50	16.41		
5	12	7		16.35	16.33	16.33		
5	12	13		16.26	16.41	16.36		
5	25	0		16.39	16.54	16.42		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.59	23.55	23.61	16.56	0.0453
3	1	8		23.49	23.43	23.48		
3	1	14		23.51	23.54	23.56		
3	8	0		22.61	22.60	22.55		
3	8	4		22.62	22.63	22.46		
3	8	7		22.59	22.55	22.49		
3	15	0		22.51	22.66	22.56		
3	1	0	16-QAM	22.62	22.89	22.87	15.84	0.0384
3	1	8		22.60	22.77	22.69		
3	1	14		22.62	22.86	22.72		
3	8	0		21.67	21.74	21.59		
3	8	4		21.49	21.64	21.53		
3	8	7		21.61	21.63	21.52		
3	15	0		21.62	21.66	21.56		
3	1	0	64-QAM	21.54	21.76	21.78	14.73	0.0297
3	1	8		21.54	21.68	21.63		
3	1	14		21.48	21.73	21.69		
3	8	0		19.69	19.63	19.59		
3	8	4		19.48	19.65	19.53		
3	8	7		19.54	19.70	19.56		
3	15	0		19.47	19.54	19.52		
3	1	0	256-QAM	17.11	17.25	17.17	10.20	0.0105
3	1	8		17.12	17.07	17.11		
3	1	14		16.96	16.95	17.00		
3	8	0		16.40	16.33	16.35		
3	8	4		16.28	16.35	16.36		
3	8	7		16.39	16.29	16.34		
3	15	0		16.44	16.47	16.42		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part22H LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.65	23.57	23.47	16.60	0.0457
1.4	1	3		23.54	23.40	23.41		
1.4	1	5		23.53	23.57	23.42		
1.4	3	0		23.61	23.56	23.39		
1.4	3	1		23.33	23.49	23.27		
1.4	3	3		23.52	23.59	23.42		
1.4	6	0		22.63	22.58	22.44		
1.4	1	0	16-QAM	22.70	22.82	22.64	15.77	0.0378
1.4	1	3		22.77	22.67	22.53		
1.4	1	5		22.71	22.82	22.62		
1.4	3	0		22.42	22.53	22.35		
1.4	3	1		22.60	22.67	22.39		
1.4	3	3		22.58	22.54	22.33		
1.4	6	0		21.54	21.56	21.46		
1.4	1	0	64-QAM	21.65	21.68	21.61	14.73	0.0297
1.4	1	3		21.64	21.65	21.41		
1.4	1	5		21.78	21.69	21.58		
1.4	3	0		21.65	21.68	21.46		
1.4	3	1		21.60	21.65	21.50		
1.4	3	3		21.59	21.64	21.51		
1.4	6	0		19.56	19.54	19.41		
1.4	1	0	256-QAM	17.00	17.09	17.02	10.10	0.0102
1.4	1	3		16.94	17.05	16.97		
1.4	1	5		17.05	16.96	17.01		
1.4	3	0		17.05	17.14	17.06		
1.4	3	1		16.99	17.06	16.97		
1.4	3	3		16.88	17.15	16.97		
1.4	6	0		16.56	16.55	16.48		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.89	23.97	23.96	27.27	0.5333
20	1	49		23.80	23.86	23.84		
20	1	99		23.88	23.93	23.92		
20	50	0		22.86	22.92	22.88		
20	50	24		22.85	22.90	22.85		
20	50	50		22.85	22.90	22.86		
20	100	0		22.84	22.90	22.85		
20	1	0	16-QAM	22.96	23.03	22.99	26.33	0.4295
20	1	49		22.86	22.90	22.86		
20	1	99		22.92	22.98	22.92		
20	50	0		21.87	21.92	21.88		
20	50	24		21.86	21.91	21.87		
20	50	50		21.86	21.93	21.89		
20	100	0		21.83	21.94	21.89		
20	1	0	64-QAM	21.66	21.73	21.70	25.03	0.3184
20	1	49		21.52	21.61	21.56		
20	1	99		21.62	21.70	21.64		
20	50	0		20.84	20.92	20.88		
20	50	24		20.83	20.89	20.85		
20	50	50		20.85	20.91	20.86		
20	100	0		20.83	20.89	20.85		
20	1	0	256-QAM	18.74	18.75	18.67	22.58	0.1811
20	1	49		19.08	19.12	19.02		
20	1	99		18.60	18.63	18.55		
20	50	0		19.11	19.20	19.14		
20	50	24		19.27	19.28	19.26		
20	50	50		19.06	19.16	19.08		
20	100	0		19.06	19.13	19.12		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.86	23.94	23.92	27.24	0.5297
15	1	37		23.71	23.82	23.76		
15	1	74		23.79	23.84	23.91		
15	36	0		22.84	22.85	22.79		
15	36	20		22.78	22.81	22.82		
15	36	39		22.77	22.86	22.81		
15	75	0		22.74	22.84	22.80		
15	1	0	16-QAM	22.93	22.99	22.93	26.29	0.4256
15	1	37		22.81	22.87	22.78		
15	1	74		22.82	22.94	22.83		
15	36	0		21.80	21.84	21.82		
15	36	20		21.77	21.89	21.80		
15	36	39		21.76	21.86	21.84		
15	75	0		21.76	21.86	21.87		
15	1	0	64-QAM	21.63	21.67	21.61	24.97	0.3141
15	1	37		21.50	21.56	21.51		
15	1	74		21.58	21.64	21.59		
15	36	0		20.82	20.89	20.78		
15	36	20		20.78	20.83	20.81		
15	36	39		20.83	20.83	20.81		
15	75	0		20.80	20.88	20.78		
15	1	0	256-QAM	18.71	18.67	18.62	22.53	0.1791
15	1	37		19.01	19.07	18.96		
15	1	74		18.56	18.58	18.47		
15	36	0		19.08	19.13	19.06		
15	36	20		19.23	19.19	19.16		
15	36	39		18.96	19.15	19.05		
15	75	0		18.97	19.12	19.07		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.87	23.90	23.86	27.20	0.5248
10	1	25		23.78	23.80	23.75		
10	1	49		23.87	23.85	23.84		
10	25	0		22.79	22.84	22.83		
10	25	12		22.75	22.86	22.75		
10	25	25		22.81	22.86	22.80		
10	50	0		22.77	22.89	22.84		
10	1	0	16-QAM	22.95	23.02	22.92	26.32	0.4285
10	1	25		22.76	22.88	22.82		
10	1	49		22.91	22.90	22.89		
10	25	0		21.79	21.84	21.85		
10	25	12		21.77	21.89	21.82		
10	25	25		21.77	21.89	21.83		
10	50	0		21.78	21.89	21.84		
10	1	0	64-QAM	21.56	21.64	21.66	24.96	0.3133
10	1	25		21.47	21.55	21.53		
10	1	49		21.58	21.62	21.56		
10	25	0		20.81	20.87	20.79		
10	25	12		20.79	20.82	20.75		
10	25	25		20.84	20.82	20.77		
10	50	0		20.75	20.85	20.80		
10	1	0	256-QAM	18.65	18.74	18.57	22.56	0.1803
10	1	25		19.04	19.02	18.95		
10	1	49		18.56	18.60	18.47		
10	25	0		19.08	19.12	19.13		
10	25	12		19.26	19.26	19.24		
10	25	25		19.01	19.08	19.04		
10	50	0		18.97	19.04	19.07		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.84	23.90	23.95	27.25	0.5309
5	1	12		23.76	23.76	23.83		
5	1	24		23.79	23.91	23.90		
5	12	0		22.84	22.91	22.78		
5	12	7		22.84	22.89	22.84		
5	12	13		22.79	22.89	22.79		
5	25	0		22.79	22.86	22.76		
5	1	0	16-QAM	22.88	22.97	22.98	26.28	0.4246
5	1	12		22.82	22.81	22.79		
5	1	24		22.91	22.97	22.82		
5	12	0		21.77	21.90	21.86		
5	12	7		21.80	21.84	21.84		
5	12	13		21.83	21.84	21.84		
5	25	0		21.80	21.89	21.83		
5	1	0	64-QAM	21.65	21.70	21.62	25.00	0.3162
5	1	12		21.44	21.55	21.51		
5	1	24		21.60	21.62	21.56		
5	12	0		20.80	20.83	20.80		
5	12	7		20.75	20.85	20.82		
5	12	13		20.84	20.90	20.84		
5	25	0		20.79	20.83	20.84		
5	1	0	256-QAM	18.65	18.71	18.66	22.55	0.1799
5	1	12		19.04	19.09	19.01		
5	1	24		18.52	18.58	18.53		
5	12	0		19.10	19.19	19.05		
5	12	7		19.20	19.18	19.25		
5	12	13		19.04	19.13	19.04		
5	25	0		19.02	19.09	19.03		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.82	25.89	25.84	29.19	0.8299
20	1	49		25.72	25.77	25.73		
20	1	99		25.81	25.86	25.78		
20	50	0		24.87	24.94	24.91		
20	50	24		24.85	24.92	24.88		
20	50	50		24.85	24.92	24.88		
20	100	0		24.84	24.91	24.86		
20	1	0	16-QAM	25.12	25.19	25.17	28.49	0.7063
20	1	49		25.02	25.10	25.03		
20	1	99		25.12	25.18	25.09		
20	50	0		23.85	23.92	23.88		
20	50	24		23.84	23.90	23.85		
20	50	50		23.86	23.91	23.87		
20	100	0		23.83	23.89	23.86		
20	1	0	64-QAM	23.94	24.02	23.99	27.32	0.5395
20	1	49		23.83	23.91	23.85		
20	1	99		23.92	23.98	23.91		
20	50	0		22.79	22.86	22.82		
20	50	24		22.79	22.88	22.81		
20	50	50		22.81	22.88	22.84		
20	100	0		22.80	22.87	22.84		
20	1	0	256-QAM	20.73	20.77	20.72	24.13	0.2588
20	1	49		20.49	20.59	20.55		
20	1	99		20.55	20.57	20.49		
20	50	0		20.81	20.83	20.80		
20	50	24		20.69	20.75	20.72		
20	50	50		20.67	20.74	20.66		
20	100	0		20.77	20.79	20.69		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.72	25.88	25.79	29.18	0.8279
15	1	37		25.62	25.73	25.72		
15	1	74		25.74	25.76	25.70		
15	36	0		24.81	24.92	24.86		
15	36	20		24.75	24.87	24.81		
15	36	39		24.78	24.83	24.84		
15	75	0		24.82	24.84	24.82		
15	1	0	16-QAM	25.09	25.13	25.08	28.44	0.6982
15	1	37		24.93	25.03	24.94		
15	1	74		25.07	25.14	25.05		
15	36	0		23.78	23.83	23.86		
15	36	20		23.75	23.82	23.82		
15	36	39		23.83	23.81	23.84		
15	75	0		23.77	23.80	23.78		
15	1	0	64-QAM	23.84	23.92	23.91	27.23	0.5284
15	1	37		23.74	23.83	23.81		
15	1	74		23.90	23.93	23.82		
15	36	0		22.76	22.85	22.76		
15	36	20		22.73	22.79	22.80		
15	36	39		22.76	22.84	22.79		
15	75	0		22.79	22.85	22.74		
15	1	0	256-QAM	20.70	20.75	20.62	24.07	0.2553
15	1	37		20.42	20.50	20.48		
15	1	74		20.53	20.50	20.44		
15	36	0		20.74	20.74	20.77		
15	36	20		20.65	20.70	20.66		
15	36	39		20.60	20.73	20.61		
15	75	0		20.69	20.76	20.65		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.77	25.85	25.81	29.15	0.8222
10	1	25		25.71	25.67	25.66		
10	1	49		25.79	25.80	25.71		
10	25	0		24.77	24.92	24.86		
10	25	12		24.78	24.86	24.79		
10	25	25		24.82	24.90	24.82		
10	50	0		24.79	24.87	24.77		
10	1	0	16-QAM	25.08	25.18	25.10	28.48	0.7047
10	1	25		24.94	25.09	24.94		
10	1	49		25.06	25.14	25.04		
10	25	0		23.81	23.85	23.86		
10	25	12		23.78	23.80	23.82		
10	25	25		23.78	23.85	23.85		
10	50	0		23.77	23.82	23.85		
10	1	0	64-QAM	23.88	23.97	23.95	27.27	0.5333
10	1	25		23.73	23.86	23.79		
10	1	49		23.88	23.89	23.81		
10	25	0		22.76	22.82	22.75		
10	25	12		22.73	22.85	22.76		
10	25	25		22.79	22.87	22.81		
10	50	0		22.79	22.80	22.77		
10	1	0	256-QAM	20.68	20.72	20.70	24.12	0.2582
10	1	25		20.43	20.55	20.49		
10	1	49		20.47	20.56	20.43		
10	25	0		20.73	20.82	20.73		
10	25	12		20.61	20.68	20.67		
10	25	25		20.62	20.66	20.65		
10	50	0		20.75	20.70	20.63		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 3.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.80	25.88	25.75	29.18	0.8279
5	1	12		25.66	25.67	25.71		
5	1	24		25.74	25.76	25.72		
5	12	0		24.83	24.90	24.83		
5	12	7		24.76	24.83	24.86		
5	12	13		24.79	24.83	24.82		
5	25	0		24.81	24.85	24.79		
5	1	0	16-QAM	25.04	25.16	25.10	28.46	0.7015
5	1	12		24.96	25.00	24.95		
5	1	24		25.07	25.08	25.05		
5	12	0		23.76	23.86	23.82		
5	12	7		23.75	23.85	23.84		
5	12	13		23.77	23.82	23.85		
5	25	0		23.73	23.83	23.76		
5	1	0	64-QAM	23.88	23.96	23.91	27.26	0.5321
5	1	12		23.78	23.84	23.78		
5	1	24		23.87	23.93	23.83		
5	12	0		22.72	22.81	22.76		
5	12	7		22.72	22.79	22.75		
5	12	13		22.77	22.80	22.83		
5	25	0		22.75	22.86	22.76		
5	1	0	256-QAM	20.69	20.72	20.67	24.07	0.2553
5	1	12		20.46	20.53	20.53		
5	1	24		20.47	20.53	20.46		
5	12	0		20.76	20.77	20.74		
5	12	7		20.65	20.72	20.66		
5	12	13		20.57	20.69	20.59		
5	25	0		20.68	20.73	20.68		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.86	24.01	23.70	27.51	0.5636
20	1	49		23.72	23.90	23.73		
20	1	99		23.76	23.96	23.78		
20	50	0		22.83	22.95	22.73		
20	50	24		22.78	22.92	22.68		
20	50	50		22.75	22.91	22.72		
20	100	0		22.76	22.93	22.92		
20	1	0	16-QAM	22.89	23.05	22.75	26.55	0.4519
20	1	49		22.71	22.94	22.79		
20	1	99		22.79	22.99	22.81		
20	50	0		21.79	21.95	21.71		
20	50	24		21.76	21.94	21.71		
20	50	50		21.75	21.96	21.74		
20	100	0		21.76	21.95	21.59		
20	1	0	64-QAM	21.57	21.75	21.43	25.25	0.3350
20	1	49		21.41	21.62	21.47		
20	1	99		21.49	21.71	21.48		
20	50	0		20.75	20.93	20.68		
20	50	24		20.72	20.91	20.69		
20	50	50		20.72	20.93	20.70		
20	100	0		20.72	20.92	20.75		
20	1	0	256-QAM	18.55	18.74	18.45	22.77	0.1892
20	1	49		18.86	19.10	18.82		
20	1	99		18.34	18.62	18.40		
20	50	0		18.92	19.18	18.97		
20	50	24		19.06	19.27	18.98		
20	50	50		18.87	19.13	18.86		
20	100	0		18.88	19.11	18.89		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.78	23.94	23.68	27.44	0.5546
15	1	37		23.71	23.86	23.67		
15	1	74		23.75	23.87	23.72		
15	36	0		22.77	22.94	22.65		
15	36	20		22.74	22.89	22.65		
15	36	39		22.69	22.86	22.65		
15	75	0		22.73	22.83	22.84		
15	1	0	16-QAM	22.82	23.00	22.72	26.50	0.4467
15	1	37		22.70	22.89	22.78		
15	1	74		22.69	22.97	22.76		
15	36	0		21.75	21.90	21.69		
15	36	20		21.68	21.92	21.64		
15	36	39		21.71	21.91	21.70		
15	75	0		21.67	21.87	21.52		
15	1	0	64-QAM	21.50	21.70	21.41	25.20	0.3311
15	1	37		21.35	21.52	21.43		
15	1	74		21.39	21.67	21.39		
15	36	0		20.71	20.86	20.66		
15	36	20		20.70	20.83	20.65		
15	36	39		20.69	20.84	20.62		
15	75	0		20.62	20.83	20.74		
15	1	0	256-QAM	18.51	18.71	18.36	22.72	0.1871
15	1	37		18.79	19.01	18.75		
15	1	74		18.33	18.59	18.30		
15	36	0		18.91	19.11	18.89		
15	36	20		18.96	19.22	18.92		
15	36	39		18.77	19.05	18.84		
15	75	0		18.78	19.02	18.81		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.77	23.98	23.61	27.48	0.5598
10	1	25		23.70	23.85	23.71		
10	1	49		23.70	23.90	23.73		
10	25	0		22.81	22.89	22.66		
10	25	12		22.68	22.91	22.65		
10	25	25		22.74	22.88	22.65		
10	50	0		22.69	22.86	22.91		
10	1	0	16-QAM	22.87	22.95	22.67	26.45	0.4416
10	1	25		22.67	22.92	22.75		
10	1	49		22.69	22.92	22.71		
10	25	0		21.69	21.93	21.67		
10	25	12		21.68	21.89	21.68		
10	25	25		21.70	21.87	21.68		
10	50	0		21.72	21.87	21.57		
10	1	0	64-QAM	21.49	21.66	21.34	25.17	0.3289
10	1	25		21.39	21.59	21.44		
10	1	49		21.42	21.67	21.38		
10	25	0		20.71	20.89	20.64		
10	25	12		20.71	20.83	20.68		
10	25	25		20.66	20.83	20.63		
10	50	0		20.67	20.82	20.71		
10	1	0	256-QAM	18.50	18.67	18.43	22.72	0.1871
10	1	25		18.81	19.06	18.81		
10	1	49		18.27	18.56	18.35		
10	25	0		18.88	19.11	18.95		
10	25	12		18.98	19.22	18.97		
10	25	25		18.83	19.07	18.81		
10	50	0		18.82	19.04	18.85		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.83	23.99	23.61	27.49	0.5610
5	1	12		23.65	23.83	23.69		
5	1	24		23.66	23.89	23.73		
5	12	0		22.79	22.89	22.68		
5	12	7		22.72	22.86	22.65		
5	12	13		22.65	22.88	22.68		
5	25	0		22.66	22.91	22.85		
5	1	0	16-QAM	22.83	22.98	22.74	26.48	0.4446
5	1	12		22.70	22.89	22.74		
5	1	24		22.74	22.89	22.75		
5	12	0		21.71	21.86	21.62		
5	12	7		21.67	21.93	21.62		
5	12	13		21.68	21.91	21.73		
5	25	0		21.75	21.88	21.51		
5	1	0	64-QAM	21.54	21.72	21.42	25.22	0.3327
5	1	12		21.39	21.57	21.42		
5	1	24		21.43	21.62	21.45		
5	12	0		20.72	20.84	20.66		
5	12	7		20.70	20.90	20.62		
5	12	13		20.63	20.86	20.68		
5	25	0		20.66	20.82	20.74		
5	1	0	256-QAM	18.48	18.72	18.36	22.73	0.1875
5	1	12		18.79	19.08	18.72		
5	1	24		18.26	18.54	18.36		
5	12	0		18.90	19.08	18.93		
5	12	7		18.98	19.23	18.90		
5	12	13		18.80	19.04	18.81		
5	25	0		18.84	19.08	18.86		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.63	25.91	25.74	29.41	0.8730
20	1	49		25.53	25.80	25.60		
20	1	99		25.60	25.88	25.63		
20	50	0		24.80	24.96	24.78		
20	50	24		24.78	24.95	24.73		
20	50	50		24.74	24.94	24.69		
20	100	0		24.75	24.93	24.71		
20	1	0	16-QAM	24.89	25.22	25.05	28.72	0.7447
20	1	49		24.79	25.11	24.90		
20	1	99		24.86	25.20	24.94		
20	50	0		23.76	23.95	23.74		
20	50	24		23.74	23.93	23.72		
20	50	50		23.74	23.93	23.71		
20	100	0		23.71	23.92	23.71		
20	1	0	64-QAM	23.80	24.05	23.89	27.55	0.5689
20	1	49		23.69	23.93	23.75		
20	1	99		23.75	24.00	23.77		
20	50	0		22.73	22.88	22.69		
20	50	24		22.70	22.88	22.65		
20	50	50		22.67	22.89	22.65		
20	100	0		22.67	22.89	22.66		
20	1	0	256-QAM	20.52	20.78	20.54	24.33	0.2710
20	1	49		20.41	20.66	20.47		
20	1	99		20.24	20.57	20.26		
20	50	0		20.62	20.83	20.63		
20	50	24		20.60	20.78	20.55		
20	50	50		20.51	20.74	20.52		
20	100	0		20.42	20.72	20.43		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.61	25.74	25.32	29.32	0.8551
15	1	37		25.79	25.82	25.44		
15	1	74		25.64	25.74	25.25		
15	36	0		24.73	24.76	24.29		
15	36	20		24.73	24.77	24.30		
15	36	39		24.73	24.77	24.29		
15	75	0		24.70	24.73	24.22		
15	1	0	16-QAM	24.81	24.99	24.57	28.64	0.7311
15	1	37		24.99	25.14	24.68		
15	1	74		24.87	25.00	24.51		
15	36	0		23.70	23.73	23.26		
15	36	20		23.69	23.71	23.26		
15	36	39		23.68	23.73	23.26		
15	75	0		23.69	23.73	23.26		
15	1	0	64-QAM	23.72	23.81	23.38	27.45	0.5559
15	1	37		23.87	23.95	23.52		
15	1	74		23.73	23.82	23.36		
15	36	0		22.67	22.66	22.22		
15	36	20		22.67	22.68	22.23		
15	36	39		22.67	22.69	22.21		
15	75	0		22.66	22.67	22.20		
15	1	0	256-QAM	20.46	20.71	20.53	24.24	0.2655
15	1	37		20.39	20.57	20.39		
15	1	74		20.19	20.49	20.21		
15	36	0		20.60	20.74	20.57		
15	36	20		20.58	20.70	20.53		
15	36	39		20.45	20.72	20.43		
15	75	0		20.41	20.71	20.34		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.59	25.81	25.34	29.36	0.8630
10	1	25		25.68	25.86	25.38		
10	1	49		25.64	25.84	25.33		
10	25	0		24.80	24.89	24.39		
10	25	12		24.79	24.86	24.36		
10	25	25		24.78	24.89	24.37		
10	50	0		24.86	24.90	24.40		
10	1	0	16-QAM	24.85	25.13	24.67	28.78	0.7551
10	1	25		25.02	25.28	24.77		
10	1	49		24.91	25.14	24.62		
10	25	0		23.79	23.90	23.43		
10	25	12		23.79	23.87	23.41		
10	25	25		23.81	23.91	23.42		
10	50	0		23.81	23.88	23.38		
10	1	0	64-QAM	23.80	23.96	23.51	27.56	0.5702
10	1	25		23.90	24.06	23.57		
10	1	49		23.81	23.96	23.46		
10	25	0		22.80	22.90	22.42		
10	25	12		22.80	22.89	22.42		
10	25	25		22.82	22.91	22.41		
10	50	0		22.76	22.85	22.35		
10	1	0	256-QAM	20.48	20.68	20.46	24.25	0.2661
10	1	25		20.35	20.62	20.37		
10	1	49		20.15	20.52	20.23		
10	25	0		20.59	20.75	20.62		
10	25	12		20.54	20.71	20.45		
10	25	25		20.42	20.71	20.43		
10	50	0		20.40	20.66	20.33		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.54	25.75	25.28	29.33	0.8570
5	1	12		25.62	25.83	25.33		
5	1	24		25.52	25.72	25.22		
5	12	0		24.69	24.74	24.27		
5	12	7		24.70	24.78	24.26		
5	12	13		24.69	24.74	24.25		
5	25	0		24.72	24.77	24.27		
5	1	0	16-QAM	24.77	25.03	24.55	28.70	0.7413
5	1	12		24.94	25.20	24.71		
5	1	24		24.80	25.04	24.53		
5	12	0		23.68	23.80	23.31		
5	12	7		23.63	23.76	23.27		
5	12	13		23.68	23.80	23.31		
5	25	0		23.71	23.79	23.32		
5	1	0	64-QAM	23.65	23.81	23.35	27.50	0.5623
5	1	12		23.83	24.00	23.55		
5	1	24		23.69	23.86	23.37		
5	12	0		22.67	22.76	22.27		
5	12	7		22.64	22.78	22.24		
5	12	13		22.67	22.75	22.27		
5	25	0		22.70	22.79	22.31		
5	1	0	256-QAM	20.44	20.74	20.47	24.29	0.2685
5	1	12		20.32	20.57	20.46		
5	1	24		20.20	20.53	20.25		
5	12	0		20.55	20.79	20.59		
5	12	7		20.55	20.71	20.47		
5	12	13		20.48	20.67	20.46		
5	25	0		20.37	20.66	20.37		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 2.5 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)			
10	1	0	QPSK	-	20.22	-	22.81	0.1910			
10	1	25			20.31						
10	1	49			20.16						
10	25	0			20.25						
10	25	12			20.22						
10	25	25			20.21						
10	50	0			20.21						
10	1	0	16-QAM		20.40		-	22.99	0.1991		
10	1	25			20.26						
10	1	49			20.49						
10	25	0			20.23						
10	25	12			20.24						
10	25	25			20.22						
10	50	0			20.22						
10	1	0	64-QAM		20.29			-	22.87	0.1936	
10	1	25			20.26						
10	1	49			20.37						
10	25	0			20.22						
10	25	12			20.23						
10	25	25			20.23						
10	50	0			20.24						
10	1	0	256-QAM		18.51				-	21.01	0.1262
10	1	25			18.33						
10	1	49			18.38						
10	25	0			18.43						
10	25	12			18.44						
10	25	25			18.45						
10	50	0			18.44						
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 = 2.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.12	20.15	20.17	22.81	0.1910
5	1	12		20.31	20.26	20.21		
5	1	24		20.15	20.13	20.08		
5	12	0		20.24	20.17	20.22		
5	12	7		20.20	20.17	20.20		
5	12	13		20.19	20.21	20.12		
5	25	0		20.16	20.17	20.15		
5	1	0	16-QAM	20.33	20.36	20.39	22.95	0.1972
5	1	12		20.17	20.18	20.25		
5	1	24		20.39	20.40	20.45		
5	12	0		20.23	20.18	20.17		
5	12	7		20.22	20.16	20.18		
5	12	13		20.13	20.18	20.21		
5	25	0		20.19	20.19	20.16		
5	1	0	64-QAM	20.27	20.29	20.26	22.83	0.1919
5	1	12		20.19	20.16	20.24		
5	1	24		20.31	20.33	20.28		
5	12	0		20.12	20.22	20.12		
5	12	7		20.13	20.18	20.22		
5	12	13		20.16	20.19	20.15		
5	25	0		20.16	20.18	20.16		
5	1	0	256-QAM	18.49	18.44	18.47	20.99	0.1256
5	1	12		18.29	18.27	18.24		
5	1	24		18.34	18.34	18.32		
5	12	0		18.40	18.41	18.42		
5	12	7		18.43	18.40	18.43		
5	12	13		18.45	18.39	18.44		
5	25	0		18.36	18.35	18.42		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.89	23.91	23.86	25.81	0.3811
20	1	49		23.81	23.68	23.74		
20	1	99		23.80	23.76	23.69		
20	50	0		22.87	22.89	22.81		
20	50	24		22.86	22.80	22.77		
20	50	50		22.84	22.80	22.76		
20	100	0		22.84	22.87	22.80		
20	1	0	16-QAM	23.15	23.12	23.08	25.05	0.3199
20	1	49		23.02	23.00	22.95		
20	1	99		23.05	23.08	22.97		
20	50	0		21.88	21.82	21.78		
20	50	24		21.86	21.83	21.77		
20	50	50		21.80	21.80	21.75		
20	100	0		21.85	21.82	21.78		
20	1	0	64-QAM	22.07	22.02	21.98	23.97	0.2495
20	1	49		21.98	21.98	21.91		
20	1	99		21.96	21.98	21.90		
20	50	0		20.92	20.86	20.82		
20	50	24		20.88	20.83	20.80		
20	50	50		20.83	20.82	20.77		
20	100	0		20.86	20.82	20.79		
20	1	0	256-QAM	18.91	18.95	18.88	20.85	0.1216
20	1	49		18.63	18.66	18.56		
20	1	99		18.84	18.88	18.80		
20	50	0		18.70	18.73	18.70		
20	50	24		18.73	18.79	18.73		
20	50	50		18.74	18.81	18.77		
20	100	0		18.74	18.78	18.77		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.70	23.77	23.79	25.69	0.3707
15	1	37		23.47	23.62	23.54		
15	1	74		23.61	23.63	23.67		
15	36	0		22.72	22.72	22.79		
15	36	20		22.67	22.69	22.77		
15	36	39		22.64	22.68	22.72		
15	75	0		22.69	22.71	22.75		
15	1	0	16-QAM	23.04	23.03	23.09	24.99	0.3155
15	1	37		23.00	23.03	23.07		
15	1	74		22.88	22.93	22.95		
15	36	0		21.72	21.72	21.77		
15	36	20		21.68	21.69	21.74		
15	36	39		21.64	21.68	21.70		
15	75	0		21.71	21.71	21.77		
15	1	0	64-QAM	21.94	21.92	21.97	23.94	0.2477
15	1	37		21.97	21.98	22.04		
15	1	74		21.79	21.82	21.82		
15	36	0		20.75	20.74	20.80		
15	36	20		20.73	20.75	20.77		
15	36	39		20.67	20.73	20.76		
15	75	0		20.70	20.74	20.76		
15	1	0	256-QAM	18.86	18.94	18.87	20.84	0.1213
15	1	37		18.62	18.57	18.46		
15	1	74		18.82	18.87	18.76		
15	36	0		18.62	18.72	18.60		
15	36	20		18.68	18.74	18.70		
15	36	39		18.71	18.73	18.68		
15	75	0		18.70	18.71	18.67		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.63	23.69	23.74	25.64	0.3664
10	1	25		23.59	23.58	23.66		
10	1	49		23.60	23.62	23.65		
10	25	0		22.67	22.72	22.74		
10	25	12		22.65	22.69	22.72		
10	25	25		22.64	22.66	22.69		
10	50	0		22.66	22.68	22.72		
10	1	0	16-QAM	22.84	22.94	22.96	24.86	0.3062
10	1	25		22.85	22.91	22.91		
10	1	49		22.88	22.87	22.84		
10	25	0		21.68	21.67	21.73		
10	25	12		21.66	21.65	21.70		
10	25	25		21.65	21.64	21.67		
10	50	0		21.66	21.65	21.71		
10	1	0	64-QAM	21.80	21.83	21.89	23.79	0.2393
10	1	25		21.77	21.73	21.80		
10	1	49		21.79	21.74	21.77		
10	25	0		20.63	20.69	20.76		
10	25	12		20.62	20.65	20.71		
10	25	25		20.60	20.64	20.68		
10	50	0		20.66	20.68	20.73		
10	1	0	256-QAM	18.86	18.91	18.82	20.81	0.1205
10	1	25		18.60	18.65	18.48		
10	1	49		18.80	18.86	18.73		
10	25	0		18.66	18.64	18.60		
10	25	12		18.69	18.73	18.65		
10	25	25		18.71	18.71	18.70		
10	50	0		18.68	18.72	18.76		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.68	23.61	23.78	25.68	0.3698
5	1	12		23.52	23.58	23.67		
5	1	24		23.57	23.62	23.68		
5	12	0		22.62	22.66	22.69		
5	12	7		22.60	22.63	22.65		
5	12	13		22.62	22.64	22.66		
5	25	0		22.63	22.68	22.70		
5	1	0	16-QAM	22.88	22.99	22.99	24.89	0.3083
5	1	12		22.89	22.97	22.98		
5	1	24		22.87	22.93	22.90		
5	12	0		21.63	21.63	21.66		
5	12	7		21.66	21.64	21.67		
5	12	13		21.64	21.62	21.64		
5	25	0		21.62	21.62	21.66		
5	1	0	64-QAM	21.85	21.86	21.91	23.87	0.2438
5	1	12		21.93	21.92	21.97		
5	1	24		21.82	21.80	21.82		
5	12	0		20.66	20.70	20.78		
5	12	7		20.69	20.71	20.77		
5	12	13		20.65	20.69	20.74		
5	25	0		20.60	20.65	20.70		
5	1	0	256-QAM	18.82	18.89	18.87	20.79	0.1199
5	1	12		18.55	18.65	18.48		
5	1	24		18.80	18.82	18.77		
5	12	0		18.64	18.71	18.65		
5	12	7		18.67	18.77	18.68		
5	12	13		18.72	18.78	18.74		
5	25	0		18.70	18.72	18.74		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.74	23.67	23.79	25.69	0.3707
3	1	8		23.58	23.54	23.69		
3	1	14		23.54	23.58	23.78		
3	8	0		22.67	22.66	22.70		
3	8	4		22.54	22.58	22.59		
3	8	7		22.64	22.65	22.68		
3	15	0		22.73	22.76	22.80		
3	1	0	16-QAM	22.90	22.96	22.99	24.89	0.3083
3	1	8		22.84	22.90	22.89		
3	1	14		22.93	22.97	22.95		
3	8	0		21.71	21.68	21.72		
3	8	4		21.68	21.63	21.67		
3	8	7		21.66	21.62	21.66		
3	15	0		21.73	21.71	21.76		
3	1	0	64-QAM	21.90	21.82	21.89	23.81	0.2404
3	1	8		21.82	21.75	21.81		
3	1	14		21.91	21.84	21.87		
3	8	0		20.70	20.69	20.75		
3	8	4		20.64	20.65	20.68		
3	8	7		20.69	20.71	20.76		
3	15	0		20.65	20.61	20.71		
3	1	0	256-QAM	18.82	18.87	18.79	20.77	0.1194
3	1	8		18.55	18.57	18.54		
3	1	14		18.77	18.87	18.77		
3	8	0		18.63	18.64	18.62		
3	8	4		18.67	18.71	18.65		
3	8	7		18.72	18.78	18.71		
3	15	0		18.72	18.77	18.74		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 1.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.61	23.60	23.72	25.62	0.3648
1.4	1	3		23.49	23.56	23.61		
1.4	1	5		23.54	23.58	23.67		
1.4	3	0		23.53	23.59	23.63		
1.4	3	1		23.45	23.48	23.53		
1.4	3	3		23.55	23.58	23.62		
1.4	6	0		22.62	22.66	22.69		
1.4	1	0	16-QAM	22.85	22.94	22.92	24.85	0.3055
1.4	1	3		22.77	22.87	22.87		
1.4	1	5		22.84	22.95	22.93		
1.4	3	0		22.49	22.59	22.61		
1.4	3	1		22.54	22.63	22.64		
1.4	3	3		22.50	22.59	22.60		
1.4	6	0		21.65	21.69	21.73		
1.4	1	0	64-QAM	21.81	21.82	21.85	23.75	0.2371
1.4	1	3		21.67	21.64	21.69		
1.4	1	5		21.79	21.78	21.83		
1.4	3	0		21.65	21.66	21.69		
1.4	3	1		21.66	21.70	21.72		
1.4	3	3		21.71	21.71	21.74		
1.4	6	0		20.56	20.58	20.61		
1.4	1	0	256-QAM	18.85	18.86	18.85	20.76	0.1191
1.4	1	3		18.58	18.56	18.50		
1.4	1	5		18.79	18.78	18.78		
1.4	3	0		18.63	18.65	18.67		
1.4	3	1		18.65	18.76	18.69		
1.4	3	3		18.65	18.74	18.75		
1.4	6	0		18.69	18.71	18.75		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.01	24.05	24.00	17.60	0.0575
20	1	49		23.85	23.76	23.86		
20	1	99		23.86	23.80	23.72		
20	50	0		23.02	23.05	22.95		
20	50	24		22.97	22.94	22.89		
20	50	50		22.91	22.90	22.82		
20	100	0		22.97	22.98	22.92		
20	1	0	16-QAM	23.08	23.29	23.28	16.84	0.0483
20	1	49		22.99	23.18	23.15		
20	1	99		22.94	23.09	22.97		
20	50	0		22.00	21.99	21.94		
20	50	24		21.94	21.90	21.88		
20	50	50		21.88	21.84	21.83		
20	100	0		21.96	21.93	21.90		
20	1	0	64-QAM	22.00	22.19	22.14	15.74	0.0375
20	1	49		21.85	22.09	22.02		
20	1	99		21.79	21.97	21.87		
20	50	0		20.03	20.02	19.98		
20	50	24		19.99	19.97	19.90		
20	50	50		19.93	19.89	19.86		
20	100	0		19.97	19.95	19.92		
20	1	0	256-QAM	18.75	18.78	18.71	12.33	0.0171
20	1	49		18.43	18.51	18.49		
20	1	99		18.31	18.38	18.36		
20	50	0		18.51	18.56	18.49		
20	50	24		18.35	18.41	18.32		
20	50	50		18.27	18.31	18.28		
20	100	0		18.41	18.48	18.41		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.00	24.02	23.95	17.57	0.0571
15	1	37		23.83	23.81	23.78		
15	1	74		23.90	23.88	23.80		
15	36	0		22.99	22.99	22.92		
15	36	20		22.95	22.95	22.89		
15	36	39		22.93	22.92	22.87		
15	75	0		22.96	22.96	22.89		
15	1	0	16-QAM	23.19	23.27	23.22	16.83	0.0482
15	1	37		23.27	23.28	23.19		
15	1	74		23.17	23.12	22.99		
15	36	0		21.95	21.96	21.90		
15	36	20		21.93	21.93	21.86		
15	36	39		21.90	21.91	21.84		
15	75	0		21.92	21.94	21.88		
15	1	0	64-QAM	22.11	22.15	22.09	15.79	0.0379
15	1	37		22.19	22.24	22.17		
15	1	74		22.03	22.03	21.89		
15	36	0		19.97	20.01	19.93		
15	36	20		19.96	19.96	19.91		
15	36	39		19.96	19.94	19.88		
15	75	0		19.94	19.95	19.87		
15	1	0	256-QAM	18.72	18.70	18.67	12.27	0.0169
15	1	37		18.33	18.47	18.48		
15	1	74		18.30	18.34	18.31		
15	36	0		18.41	18.52	18.45		
15	36	20		18.34	18.38	18.27		
15	36	39		18.19	18.25	18.18		
15	75	0		18.39	18.41	18.38		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.89	23.89	23.86	17.46	0.0557
10	1	25		23.84	23.91	23.80		
10	1	49		23.80	23.85	23.76		
10	25	0		22.95	22.93	22.89		
10	25	12		22.91	22.91	22.88		
10	25	25		22.88	22.88	22.86		
10	50	0		22.91	22.91	22.88		
10	1	0	16-QAM	23.05	23.10	23.08	16.65	0.0462
10	1	25		23.03	23.05	23.02		
10	1	49		23.07	23.05	22.91		
10	25	0		21.89	21.90	21.88		
10	25	12		21.88	21.88	21.86		
10	25	25		21.87	21.85	21.81		
10	50	0		21.88	21.86	21.84		
10	1	0	64-QAM	21.96	21.98	21.97	15.53	0.0357
10	1	25		21.88	21.89	21.85		
10	1	49		21.95	21.93	21.84		
10	25	0		19.89	19.89	19.86		
10	25	12		19.90	19.88	19.84		
10	25	25		19.88	19.86	19.82		
10	50	0		19.91	19.91	19.86		
10	1	0	256-QAM	18.65	18.73	18.65	12.28	0.0169
10	1	25		18.34	18.43	18.46		
10	1	49		18.25	18.32	18.29		
10	25	0		18.41	18.46	18.41		
10	25	12		18.33	18.37	18.28		
10	25	25		18.21	18.21	18.21		
10	50	0		18.39	18.41	18.32		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.97	23.97	23.93	17.52	0.0565
5	1	12		23.86	23.87	23.75		
5	1	24		23.90	23.83	23.73		
5	12	0		22.88	22.89	22.85		
5	12	7		22.86	22.88	22.81		
5	12	13		22.86	22.88	22.79		
5	25	0		22.93	22.92	22.87		
5	1	0	16-QAM	23.11	23.15	23.13	16.74	0.0472
5	1	12		23.16	23.19	23.11		
5	1	24		23.09	23.13	22.96		
5	12	0		21.86	21.89	21.85		
5	12	7		21.88	21.91	21.83		
5	12	13		21.86	21.87	21.77		
5	25	0		21.85	21.88	21.80		
5	1	0	64-QAM	22.01	22.08	22.05	15.70	0.0372
5	1	12		22.10	22.15	22.09		
5	1	24		22.00	22.02	21.89		
5	12	0		19.90	19.94	19.88		
5	12	7		19.90	19.93	19.86		
5	12	13		19.93	19.94	19.84		
5	25	0		19.90	19.90	19.83		
5	1	0	256-QAM	18.68	18.69	18.70	12.25	0.0168
5	1	12		18.38	18.50	18.43		
5	1	24		18.28	18.29	18.29		
5	12	0		18.50	18.48	18.48		
5	12	7		18.31	18.32	18.30		
5	12	13		18.23	18.30	18.27		
5	25	0		18.34	18.43	18.38		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.85	-	18.00	0.0631
10	1	25			23.84			
10	1	49			23.70			
10	25	0			22.84			
10	25	12			22.82			
10	25	25			22.79			
10	50	0			22.84			
10	1	0	16-QAM		23.04		17.19	0.0524
10	1	25			22.95			
10	1	49			22.95			
10	25	0			21.84			
10	25	12			21.81			
10	25	25			21.78			
10	50	0			21.81			
10	1	0	64-QAM		21.98		16.13	0.0410
10	1	25			21.86			
10	1	49			21.90			
10	25	0			19.82			
10	25	12			19.81			
10	25	25			19.80			
10	50	0			19.83			
10	1	0	256-QAM		18.44		12.59	0.0182
10	1	25			18.11			
10	1	49			18.22			
10	25	0			18.26			
10	25	12			18.22			
10	25	25			18.16			
10	50	0			18.23			
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.82	23.81	23.77	17.97	0.0627
5	1	12		23.75	23.70	23.70		
5	1	24		23.73	23.70	23.69		
5	12	0		22.81	22.83	22.83		
5	12	7		22.80	22.81	22.83		
5	12	13		22.81	22.82	22.81		
5	25	0		22.80	22.79	22.81		
5	1	0	16-QAM	23.04	23.07	23.10	17.27	0.0533
5	1	12		23.11	23.10	23.12		
5	1	24		23.03	23.01	22.99		
5	12	0		21.82	21.82	21.85		
5	12	7		21.84	21.84	21.85		
5	12	13		21.82	21.81	21.83		
5	25	0		21.79	21.78	21.80		
5	1	0	64-QAM	22.01	22.02	22.08	16.28	0.0425
5	1	12		22.12	22.13	22.12		
5	1	24		22.00	21.97	21.95		
5	12	0		19.83	19.86	19.89		
5	12	7		19.85	19.85	19.86		
5	12	13		19.85	19.83	19.84		
5	25	0		19.78	19.79	19.82		
5	1	0	256-QAM	18.34	18.36	18.36	12.51	0.0178
5	1	12		18.04	18.07	18.03		
5	1	24		18.20	18.15	18.20		
5	12	0		18.23	18.25	18.25		
5	12	7		18.21	18.12	18.16		
5	12	13		18.08	18.07	18.15		
5	25	0		18.13	18.16	18.16		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.67	-	-	16.62	0.0459
15	1	37		23.43	-	-		
15	1	74		23.59	-	-		
15	36	0		22.67	-	-		
15	36	20		22.65	-	-		
15	36	39		22.63	-	-		
15	75	0		22.66	-	-		
15	1	0	16-QAM	22.91	-	-	15.95	0.0394
15	1	37		23.00	-	-		
15	1	74		22.90	-	-		
15	36	0		21.66	-	-		
15	36	20		21.63	-	-		
15	36	39		21.64	-	-		
15	75	0		21.64	-	-		
15	1	0	64-QAM	21.81	-	-	14.85	0.0305
15	1	37		21.90	-	-		
15	1	74		21.79	-	-		
15	36	0		19.66	-	-		
15	36	20		19.65	-	-		
15	36	39		19.64	-	-		
15	75	0		19.63	-	-		
15	1	0	256-QAM	17.20	-	-	10.15	0.0104
15	1	37		17.15	-	-		
15	1	74		17.08	-	-		
15	36	0		16.47	-	-		
15	36	20		16.44	-	-		
15	36	39		16.40	-	-		
15	75	0		16.54	-	-		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.65	-	16.60	0.0457
10	1	25		-	23.63	-		
10	1	49		-	23.56	-		
10	25	0		-	22.65	-		
10	25	12		-	22.61	-		
10	25	25		-	22.60	-		
10	50	0		-	22.63	-		
10	1	0	16-QAM	-	22.89	-	15.84	0.0384
10	1	25		-	22.78	-		
10	1	49		-	22.79	-		
10	25	0		-	21.64	-		
10	25	12		-	21.61	-		
10	25	25		-	21.58	-		
10	50	0		-	21.63	-		
10	1	0	64-QAM	-	21.77	-	14.72	0.0296
10	1	25		-	21.67	-		
10	1	49		-	21.70	-		
10	25	0		-	19.63	-		
10	25	12		-	19.61	-		
10	25	25		-	19.60	-		
10	50	0		-	19.65	-		
10	1	0	256-QAM	-	17.23	-	10.18	0.0104
10	1	25		-	17.16	-		
10	1	49		-	16.92	-		
10	25	0		-	16.41	-		
10	25	12		-	16.36	-		
10	25	25		-	16.33	-		
10	50	0		-	16.51	-		
Limit	Power < 100W			Result			Pass	



Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.63	23.71	23.67	16.66	0.0463
5	1	12		23.53	23.56	23.59		
5	1	24		23.57	23.48	23.50		
5	12	0		22.56	22.63	22.59		
5	12	7		22.54	22.47	22.47		
5	12	13		22.56	22.58	22.53		
5	25	0		22.56	22.63	22.52		
5	1	0	16-QAM	22.79	22.78	22.71	15.84	0.0384
5	1	12		22.85	22.76	22.89		
5	1	24		22.80	22.80	22.72		
5	12	0		21.55	21.59	21.50		
5	12	7		21.59	21.69	21.63		
5	12	13		21.55	21.47	21.47		
5	25	0		21.53	21.51	21.52		
5	1	0	64-QAM	21.74	21.80	21.78	14.84	0.0305
5	1	12		21.85	21.82	21.89		
5	1	24		21.72	21.65	21.82		
5	12	0		19.60	19.67	19.58		
5	12	7		19.61	19.71	19.59		
5	12	13		19.60	19.66	19.56		
5	25	0		19.55	19.45	19.64		
5	1	0	256-QAM	17.16	17.12	17.15	10.12	0.0103
5	1	12		17.08	17.17	17.00		
5	1	24		17.01	17.08	17.06		
5	12	0		16.41	16.32	16.47		
5	12	7		16.43	16.33	16.37		
5	12	13		16.31	16.38	16.38		
5	25	0		16.47	16.48	16.50		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.56	23.51	23.48	16.59	0.0456
3	1	8		23.50	23.48	23.43		
3	1	14		23.61	23.64	23.53		
3	8	0		22.62	22.59	22.68		
3	8	4		22.56	22.51	22.56		
3	8	7		22.59	22.63	22.64		
3	15	0		22.60	22.68	22.70		
3	1	0	16-QAM	22.56	22.60	22.51	15.57	0.0361
3	1	8		22.52	22.58	22.45		
3	1	14		22.55	22.60	22.62		
3	8	0		21.60	21.50	21.58		
3	8	4		21.57	21.53	21.58		
3	8	7		21.56	21.53	21.47		
3	15	0		21.59	21.69	21.51		
3	1	0	64-QAM	21.58	21.66	21.68	14.63	0.0290
3	1	8		21.48	21.58	21.51		
3	1	14		21.55	21.58	21.61		
3	8	0		19.60	19.53	19.68		
3	8	4		19.54	19.56	19.46		
3	8	7		19.62	19.66	19.69		
3	15	0		19.55	19.62	19.47		
3	1	0	256-QAM	17.11	17.01	17.10	10.11	0.0103
3	1	8		17.09	17.15	17.16		
3	1	14		17.01	17.09	17.07		
3	8	0		16.40	16.37	16.47		
3	8	4		16.38	16.36	16.31		
3	8	7		16.31	16.37	16.23		
3	15	0		16.49	16.59	16.53		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

Part90S LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.58	23.59	23.48	16.54	0.0451
1.4	1	3		23.47	23.46	23.56		
1.4	1	5		23.49	23.43	23.49		
1.4	3	0		23.52	23.54	23.45		
1.4	3	1		23.40	23.48	23.49		
1.4	3	3		23.53	23.50	23.59		
1.4	6	0		22.54	22.51	22.46		
1.4	1	0	16-QAM	22.75	22.77	22.68	15.79	0.0379
1.4	1	3		22.67	22.59	22.71		
1.4	1	5		22.78	22.81	22.84		
1.4	3	0		22.47	22.54	22.54		
1.4	3	1		22.53	22.61	22.45		
1.4	3	3		22.48	22.43	22.50		
1.4	6	0		21.59	21.52	21.49		
1.4	1	0	64-QAM	21.71	21.61	21.64	14.76	0.0299
1.4	1	3		21.55	21.65	21.46		
1.4	1	5		21.72	21.64	21.81		
1.4	3	0		21.60	21.62	21.68		
1.4	3	1		21.64	21.68	21.60		
1.4	3	3		21.66	21.56	21.71		
1.4	6	0		19.51	19.50	19.53		
1.4	1	0	256-QAM	17.07	17.15	17.13	10.10	0.0102
1.4	1	3		16.88	16.91	16.94		
1.4	1	5		17.03	17.05	17.00		
1.4	3	0		17.02	16.92	17.06		
1.4	3	1		16.94	16.87	17.04		
1.4	3	3		16.98	16.89	17.07		
1.4	6	0		16.48	16.56	16.44		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.77	-	16.72	0.0470
15	1	37		-	23.52	-		
15	1	74		-	23.59	-		
15	36	0		-	22.76	-		
15	36	20		-	22.66	-		
15	36	39		-	22.68	-		
15	75	0		-	22.66	-		
15	1	0	16-QAM	-	22.94	-	15.97	0.0395
15	1	37		-	23.02	-		
15	1	74		-	22.94	-		
15	36	0		-	21.75	-		
15	36	20		-	21.69	-		
15	36	39		-	21.56	-		
15	75	0		-	21.73	-		
15	1	0	64-QAM	-	21.79	-	14.84	0.0305
15	1	37		-	21.80	-		
15	1	74		-	21.89	-		
15	36	0		-	19.63	-		
15	36	20		-	19.73	-		
15	36	39		-	19.74	-		
15	75	0		-	19.62	-		
15	1	0	256-QAM	-	17.10	-	10.19	0.0104
15	1	37		-	17.24	-		
15	1	74		-	17.00	-		
15	36	0		-	16.43	-		
15	36	20		-	16.36	-		
15	36	39		-	16.33	-		
15	75	0		-	16.50	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.60	-	16.55	0.0452
10	1	25		-	23.54	-		
10	1	49		-	23.49	-		
10	25	0		-	22.66	-		
10	25	12		-	22.57	-		
10	25	25		-	22.65	-		
10	50	0		-	22.61	-		
10	1	0	16-QAM	-	22.77	-	15.72	0.0373
10	1	25		-	22.66	-		
10	1	49		-	22.72	-		
10	25	0		-	21.56	-		
10	25	12		-	21.55	-		
10	25	25		-	21.68	-		
10	50	0		-	21.58	-		
10	1	0	64-QAM	-	21.77	-	14.72	0.0296
10	1	25		-	21.67	-		
10	1	49		-	21.60	-		
10	25	0		-	19.57	-		
10	25	12		-	19.59	-		
10	25	25		-	19.56	-		
10	50	0		-	19.52	-		
10	1	0	256-QAM	-	17.11	-	10.06	0.0101
10	1	25		-	17.11	-		
10	1	49		-	17.03	-		
10	25	0		-	16.36	-		
10	25	12		-	16.39	-		
10	25	25		-	16.32	-		
10	50	0		-	16.44	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.59	-	16.56	0.0453
5	1	12		-	23.47	-		
5	1	24		-	23.61	-		
5	12	0		-	22.61	-		
5	12	7		-	22.46	-		
5	12	13		-	22.50	-		
5	25	0		-	22.62	-		
5	1	0	16-QAM	-	22.75	-	15.89	0.0388
5	1	12		-	22.94	-		
5	1	24		-	22.77	-		
5	12	0		-	21.64	-		
5	12	7		-	21.57	-		
5	12	13		-	21.51	-		
5	25	0		-	21.55	-		
5	1	0	64-QAM	-	21.77	-	14.86	0.0306
5	1	12		-	21.91	-		
5	1	24		-	21.71	-		
5	12	0		-	19.70	-		
5	12	7		-	19.67	-		
5	12	13		-	19.61	-		
5	25	0		-	19.61	-		
5	1	0	256-QAM	-	17.19	-	10.14	0.0103
5	1	12		-	17.13	-		
5	1	24		-	16.93	-		
5	12	0		-	16.36	-		
5	12	7		-	16.33	-		
5	12	13		-	16.35	-		
5	25	0		-	16.41	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.58	-	16.64	0.0461
3	1	8		-	23.49	-		
3	1	14		-	23.69	-		
3	8	0		-	22.66	-		
3	8	4		-	22.52	-		
3	8	7		-	22.67	-		
3	15	0		-	22.60	-		
3	1	0	16-QAM	-	22.56	-	15.57	0.0361
3	1	8		-	22.62	-		
3	1	14		-	22.60	-		
3	8	0		-	21.52	-		
3	8	4		-	21.61	-		
3	8	7		-	21.58	-		
3	15	0		-	21.52	-		
3	1	0	64-QAM	-	21.52	-	14.50	0.0282
3	1	8		-	21.46	-		
3	1	14		-	21.55	-		
3	8	0		-	19.50	-		
3	8	4		-	19.60	-		
3	8	7		-	19.60	-		
3	15	0		-	19.56	-		
3	1	0	256-QAM	-	17.01	-	10.03	0.0101
3	1	8		-	17.06	-		
3	1	14		-	17.08	-		
3	8	0		-	16.36	-		
3	8	4		-	16.35	-		
3	8	7		-	16.37	-		
3	15	0		-	16.47	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.55	-	16.56	0.0453
1.4	1	3		-	23.55	-		
1.4	1	5		-	23.56	-		
1.4	3	0		-	23.42	-		
1.4	3	1		-	23.38	-		
1.4	3	3		-	23.61	-		
1.4	6	0		-	22.49	-		
1.4	1	0	16-QAM	-	22.68	-	15.74	0.0375
1.4	1	3		-	22.67	-		
1.4	1	5		-	22.79	-		
1.4	3	0		-	22.39	-		
1.4	3	1		-	22.44	-		
1.4	3	3		-	22.54	-		
1.4	6	0		-	21.69	-		
1.4	1	0	64-QAM	-	21.77	-	14.72	0.0296
1.4	1	3		-	21.62	-		
1.4	1	5		-	21.67	-		
1.4	3	0		-	21.54	-		
1.4	3	1		-	21.67	-		
1.4	3	3		-	21.73	-		
1.4	6	0		-	19.48	-		
1.4	1	0	256-QAM	-	17.08	-	10.03	0.0101
1.4	1	3		-	16.89	-		
1.4	1	5		-	16.98	-		
1.4	3	0		-	17.02	-		
1.4	3	1		-	16.97	-		
1.4	3	3		-	16.90	-		
1.4	6	0		-	16.40	-		
Limit	Reporting Only			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -5.6 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	20.17	20.38	20.33	15.55	0.0359
10+10	1	0	1	49		14.25	14.28	14.27		
10+10	1	49	1	0		22.38	22.41	23.30		
10+10	50	0	50	0	16-QAM	19.42	19.39	19.41	14.77	0.0300
10+10	1	0	1	49		14.23	14.26	14.25		
10+10	1	49	1	0		21.29	21.41	22.52		
10+10	50	0	50	0	64-QAM	19.36	19.40	19.40	12.70	0.0186
10+10	1	0	1	49		14.28	14.24	15.39		
10+10	1	49	1	0		19.38	19.48	20.45		
10+10	50	0	50	0	256-QAM	17.34	17.43	17.39	10.50	0.0112
10+10	1	0	1	49		14.10	14.21	15.26		
10+10	1	49	1	0		17.56	17.47	18.25		
10+5	50	0	25	0	QPSK	20.29	20.45	20.37	14.66	0.0292
10+5	1	0	1	24		12.45	12.38	12.42		
10+5	1	49	1	0		22.36	22.41	22.31		
10+5	50	0	25	0	16-QAM	19.43	19.42	19.43	13.65	0.0232
10+5	1	0	1	24		12.38	12.44	12.33		
10+5	1	49	1	0		21.38	21.40	21.38		
10+5	50	0	25	0	64-QAM	19.43	19.40	19.50	11.84	0.0153
10+5	1	0	1	24		12.47	12.38	12.43		
10+5	1	49	1	0		19.39	19.43	19.59		
10+5	50	0	25	0	256-QAM	17.41	17.42	17.48	9.73	0.0094
10+5	1	0	1	24		12.36	12.32	12.30		
10+5	1	49	1	0		17.23	17.31	17.29		
5+10	25	0	50	0	QPSK	20.23	20.37	20.44	14.67	0.0293
5+10	1	0	1	49		12.38	12.40	12.39		
5+10	1	24	1	0		22.41	22.42	22.36		
5+10	25	0	50	0	16-QAM	19.45	19.44	19.51	13.62	0.0230
5+10	1	0	1	49		12.47	12.49	12.34		
5+10	1	24	1	0		21.34	21.35	21.37		
5+10	25	0	50	0	64-QAM	19.39	19.45	19.38	11.70	0.0148
5+10	1	0	1	49		12.39	12.77	12.37		
5+10	1	24	1	0		19.40	19.39	19.42		
5+10	25	0	50	0	256-QAM	17.42	17.47	17.43	9.72	0.0094
5+10	1	0	1	49		12.37	12.35	12.32		
5+10	1	24	1	0		17.45	17.28	17.42		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -5.6 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	23.07	23.11	23.08	15.36	0.0344
5+3	1	0	1	14		13.38	13.39	13.46		
5+3	1	24	1	0		23.02	23.02	22.96		
5+3	25	0	15	0	16-QAM	23.12	23.11	22.86	15.79	0.0379
5+3	1	0	1	14		13.82	13.63	13.62		
5+3	1	24	1	0		23.29	23.54	22.58		
5+3	25	0	15	0	64-QAM	23.11	23.00	23.02	15.57	0.0361
5+3	1	0	1	14		13.84	13.78	13.87		
5+3	1	24	1	0		22.48	23.19	23.32		
5+3	25	0	15	0	256-QAM	23.07	22.81	22.96	15.42	0.0348
5+3	1	0	1	14		13.64	13.52	13.70		
5+3	1	24	1	0		22.03	23.17	23.01		
3+5	15	0	25	0	QPSK	23.33	23.24	23.20	15.58	0.0361
3+5	1	0	1	24		13.64	13.47	13.57		
3+5	1	14	1	0		22.19	23.01	22.16		
3+5	15	0	25	0	16-QAM	23.27	23.29	23.22	15.74	0.0375
3+5	1	0	1	24		14.13	13.90	14.06		
3+5	1	14	1	0		23.37	23.49	23.37		
3+5	15	0	25	0	64-QAM	22.43	23.09	23.15	15.64	0.0366
3+5	1	0	1	24		13.92	13.88	14.09		
3+5	1	14	1	0		23.39	23.27	22.12		
3+5	15	0	25	0	256-QAM	23.24	23.20	23.22	15.49	0.0354
3+5	1	0	1	24		13.70	13.60	13.70		
3+5	1	14	1	0		23.08	23.05	23.17		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.9 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	20.63	20.66	20.86	24.80	0.3020
10+10	1	0	1	49		14.54	14.59	14.67		
10+10	1	49	1	0		22.79	22.87	22.90		
10+10	50	0	50	0	16-QAM	19.71	19.75	19.83	23.69	0.2339
10+10	1	0	1	49		14.61	14.69	14.75		
10+10	1	49	1	0		21.72	21.71	21.79		
10+10	50	0	50	0	64-QAM	19.80	19.79	19.85	21.80	0.1514
10+10	1	0	1	49		14.61	14.68	14.75		
10+10	1	49	1	0		19.87	19.80	19.90		
10+10	50	0	50	0	256-QAM	17.68	17.78	17.86	19.81	0.0957
10+10	1	0	1	49		14.52	14.58	14.58		
10+10	1	49	1	0		17.79	17.91	17.80		
15+5	75	0	25	0	QPSK	20.65	20.84	20.83	24.73	0.2972
15+5	1	0	1	24		14.67	14.67	14.64		
15+5	1	74	1	0		22.83	22.79	22.67		
15+5	75	0	25	0	16-QAM	19.70	19.85	19.79	23.74	0.2366
15+5	1	0	1	24		14.61	14.59	14.64		
15+5	1	74	1	0		21.68	21.84	21.76		
15+5	75	0	25	0	64-QAM	19.78	19.81	19.76	21.71	0.1483
15+5	1	0	1	24		14.70	14.70	14.70		
15+5	1	74	1	0		19.67	19.76	19.67		
15+5	75	0	25	0	256-QAM	17.81	17.85	17.80	19.75	0.0944
15+5	1	0	1	24		14.55	14.62	14.79		
15+5	1	74	1	0		17.75	17.63	17.66		
5+15	25	0	75	0	QPSK	20.78	20.66	20.64	24.67	0.2931
5+15	1	0	1	74		14.58	14.54	14.60		
5+15	1	24	1	0		22.75	22.77	22.72		
5+15	25	0	75	0	16-QAM	19.76	19.75	19.78	23.65	0.2317
5+15	1	0	1	74		14.52	14.49	14.54		
5+15	1	24	1	0		21.67	21.64	21.75		
5+15	25	0	75	0	64-QAM	19.74	19.73	19.75	21.67	0.1469
5+15	1	0	1	74		14.57	14.54	14.61		
5+15	1	24	1	0		19.77	19.74	19.76		
5+15	25	0	75	0	256-QAM	17.76	17.74	17.69	19.66	0.0925
5+15	1	0	1	74		14.53	14.47	14.58		
5+15	1	24	1	0		17.57	17.66	17.70		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 1.9 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	20.87	20.82	20.72	24.68	0.2938
10+5	1	0	1	24		12.84	12.70	12.72		
10+5	1	49	1	0		22.78	22.73	22.78		
10+5	50	0	25	0	16-QAM	19.89	19.77	19.78	23.74	0.2366
10+5	1	0	1	24		12.81	12.66	12.63		
10+5	1	49	1	0		21.84	21.73	21.71		
10+5	50	0	25	0	64-QAM	19.88	19.74	19.83	21.80	0.1514
10+5	1	0	1	24		12.84	12.51	12.77		
10+5	1	49	1	0		19.90	19.83	19.81		
10+5	50	0	25	0	256-QAM	17.82	17.70	17.74	19.72	0.0938
10+5	1	0	1	24		12.76	12.69	12.37		
10+5	1	49	1	0		17.73	17.70	17.66		
5+10	25	0	50	0	QPSK	20.66	20.81	20.88	24.76	0.2992
5+10	1	0	1	49		12.67	12.75	12.68		
5+10	1	24	1	0		22.80	22.78	22.86		
5+10	25	0	50	0	16-QAM	19.73	19.84	19.82	23.72	0.2355
5+10	1	0	1	49		12.73	12.66	12.73		
5+10	1	24	1	0		21.82	21.77	21.76		
5+10	25	0	50	0	64-QAM	19.79	19.80	19.90	21.85	0.1531
5+10	1	0	1	49		12.85	12.79	12.85		
5+10	1	24	1	0		19.90	19.84	19.95		
5+10	25	0	50	0	256-QAM	17.73	17.87	17.83	19.77	0.0948
5+10	1	0	1	49		12.68	12.92	12.77		
5+10	1	24	1	0		17.64	17.79	17.82		
5+5	25	0	25	0	QPSK	20.84	20.86	20.77	24.67	0.2931
5+5	1	0	1	24		13.13	13.12	12.96		
5+5	1	24	1	0		22.77	22.76	22.77		
5+5	25	0	25	0	16-QAM	19.88	19.81	19.77	23.66	0.2323
5+5	1	0	1	24		13.01	13.03	12.84		
5+5	1	24	1	0		21.76	21.74	21.70		
5+5	25	0	25	0	64-QAM	19.91	19.73	19.77	21.81	0.1517
5+5	1	0	1	24		13.19	13.10	12.98		
5+5	1	24	1	0		19.74	19.79	19.67		
5+5	25	0	25	0	256-QAM	17.90	17.82	17.76	19.80	0.0955
5+5	1	0	1	24		13.11	13.05	12.92		
5+5	1	24	1	0		17.89	17.42	17.62		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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	21.82	21.74	21.80	25.68	0.3698
20+20	1	0	1	99		15.50	15.48	15.57		
20+20	1	99	1	0		22.86	23.78	22.92		
20+20	100	0	100	0	16-QAM	20.82	20.73	20.78	25.11	0.3243
20+20	1	0	1	99		16.08	15.99	15.89		
20+20	1	99	1	0		23.00	23.07	23.21		
20+20	100	0	100	0	64-QAM	20.77	20.72	20.80	23.05	0.2018
20+20	1	0	1	99		15.90	15.78	15.93		
20+20	1	99	1	0		21.02	20.92	21.15		
20+20	100	0	100	0	256-QAM	18.75	18.76	18.81	20.83	0.1211
20+20	1	0	1	99		15.58	15.58	15.70		
20+20	1	99	1	0		18.88	18.90	18.93		
20+15	100	0	75	0	QPSK	21.73	21.75	21.69	25.75	0.3758
20+15	1	0	1	74		15.43	15.54	15.53		
20+15	1	74	1	0		23.85	23.71	23.81		
20+15	100	0	75	0	16-QAM	20.72	20.70	20.75	25.03	0.3184
20+15	1	0	1	74		15.88	15.98	15.71		
20+15	1	74	1	0		23.08	22.96	23.13		
20+15	100	0	75	0	64-QAM	20.64	20.79	20.75	22.86	0.1932
20+15	1	0	1	74		15.71	15.71	15.72		
20+15	1	74	1	0		20.96	20.91	20.90		
20+15	100	0	75	0	256-QAM	18.78	18.75	18.78	20.86	0.1219
20+15	1	0	1	74		15.57	15.57	15.57		
20+15	1	74	1	0		18.84	18.96	18.72		
15+20	75	0	100	0	QPSK	21.77	21.78	21.65	25.73	0.3741
15+20	1	0	1	99		15.52	15.44	15.45		
15+20	1	74	1	0		23.83	23.77	23.74		
15+20	75	0	100	0	16-QAM	20.71	20.65	20.64	24.95	0.3126
15+20	1	0	1	99		15.95	15.32	15.73		
15+20	1	74	1	0		23.04	23.05	22.93		
15+20	75	0	100	0	64-QAM	20.76	20.71	20.69	22.79	0.1901
15+20	1	0	1	99		15.79	15.74	15.71		
15+20	1	74	1	0		20.88	20.87	20.89		
15+20	75	0	100	0	256-QAM	18.79	18.73	17.70	20.75	0.1189
15+20	1	0	1	99		15.57	15.58	15.60		
15+20	1	74	1	0		18.85	18.79	18.73		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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	20.91	20.70	24.84	0.3048
20+10	1	0	1	49		14.62	14.63	14.55		
20+10	1	99	1	0		22.92	22.94	22.77		
20+10	100	0	50	0	16-QAM	19.82	19.83	19.71	23.88	0.2443
20+10	1	0	1	49		14.56	14.65	14.56		
20+10	1	99	1	0		21.87	21.98	21.77		
20+10	100	0	50	0	64-QAM	19.85	19.82	19.76	21.78	0.1507
20+10	1	0	1	49		14.66	14.73	14.58		
20+10	1	99	1	0		19.87	19.79	19.88		
20+10	100	0	50	0	256-QAM	17.82	17.86	17.75	19.77	0.0948
20+10	1	0	1	49		14.58	14.61	0.37		
20+10	1	99	1	0		17.87	17.85	17.78		
10+20	50	0	100	0	QPSK	20.75	20.87	21.00	24.86	0.3062
10+20	1	0	1	99		14.57	14.68	14.67		
10+20	1	49	1	0		22.90	22.95	22.96		
10+20	50	0	100	0	16-QAM	19.79	19.91	19.90	23.76	0.2377
10+20	1	0	1	99		14.68	14.75	14.74		
10+20	1	49	1	0		21.75	21.86	21.86		
10+20	50	0	100	0	64-QAM	19.81	19.94	19.90	21.89	0.1545
10+20	1	0	1	99		14.66	14.71	14.67		
10+20	1	49	1	0		19.96	19.99	19.79		
10+20	50	0	100	0	256-QAM	17.86	17.93	17.88	19.83	0.0962
10+20	1	0	1	99		14.54	14.60	14.66		
10+20	1	49	1	0		17.78	17.75	17.75		
20+5	100	0	25	0	QPSK	21.76	21.87	21.81	25.69	0.3707
20+5	1	0	1	24		15.53	15.57	15.45		
20+5	1	99	1	0		23.76	23.71	23.79		
20+5	100	0	25	0	16-QAM	20.76	20.81	20.74	25.23	0.3334
20+5	1	0	1	24		15.87	15.91	15.91		
20+5	1	99	1	0		23.15	23.33	23.08		
20+5	100	0	25	0	64-QAM	20.75	20.82	20.81	22.98	0.1986
20+5	1	0	1	24		15.87	15.78	15.69		
20+5	1	99	1	0		21.08	20.92	20.91		
20+5	100	0	25	0	256-QAM	18.80	18.85	18.76	20.82	0.1208
20+5	1	0	1	24		15.61	15.73	15.56		
20+5	1	99	1	0		18.81	18.92	18.82		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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	21.66	21.83	24.71	0.2958
5+20	1	0	1	99		15.42	15.46	15.25		
5+20	1	24	1	0		22.81	22.79	22.79		
5+20	25	0	100	0	16-QAM	20.79	20.82	20.75	24.97	0.3141
5+20	1	0	1	99		15.74	15.68	15.87		
5+20	1	24	1	0		23.07	22.93	22.99		
5+20	25	0	100	0	64-QAM	20.75	20.75	20.81	22.97	0.1982
5+20	1	0	1	99		15.74	15.73	15.83		
5+20	1	24	1	0		20.96	20.91	21.07		
5+20	25	0	100	0	256-QAM	18.75	18.74	18.81	20.72	0.1180
5+20	1	0	1	99		15.78	15.51	15.51		
5+20	1	24	1	0		18.82	18.67	18.74		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0919B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 1.9 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	20.77	20.88	20.92	24.93	0.3112
15+10	1	0	1	49		14.68	14.72	14.72		
15+10	1	74	1	0		22.93	22.95	23.03		
15+10	75	0	50	0	16-QAM	19.83	19.82	19.86	23.95	0.2483
15+10	1	0	1	49		14.61	14.74	14.71		
15+10	1	74	1	0		22.05	21.89	21.99		
15+10	75	0	50	0	64-QAM	19.84	19.88	19.85	21.80	0.1514
15+10	1	0	1	49		14.69	14.63	14.67		
15+10	1	74	1	0		19.81	19.84	19.90		
15+10	75	0	50	0	256-QAM	17.85	17.91	17.92	19.82	0.0959
15+10	1	0	1	49		14.61	14.65	14.72		
15+10	1	74	1	0		17.75	17.84	17.89		
10+15	50	0	75	0	QPSK	20.75	20.69	20.72	24.76	0.2992
10+15	1	0	1	74		14.52	14.61	14.65		
10+15	1	49	1	0		22.81	22.86	22.84		
10+15	50	0	75	0	16-QAM	19.75	19.77	19.82	23.84	0.2421
10+15	1	0	1	74		14.53	14.65	14.59		
10+15	1	49	1	0		21.75	21.65	21.94		
10+15	50	0	75	0	64-QAM	19.77	19.81	19.84	21.76	0.1500
10+15	1	0	1	74		14.48	14.66	14.68		
10+15	1	49	1	0		19.78	19.79	19.86		
10+15	50	0	75	0	256-QAM	17.73	17.83	17.82	19.82	0.0959
10+15	1	0	1	74		14.56	14.53	14.65		
10+15	1	49	1	0		17.92	17.75	17.71		
15+15	75	0	75	0	QPSK	21.69	21.72	21.66	25.67	0.3690
15+15	1	0	1	74		15.49	15.45	15.54		
15+15	1	74	1	0		22.85	23.77	22.85		
15+15	75	0	75	0	16-QAM	20.68	20.71	20.76	24.94	0.3119
15+15	1	0	1	74		15.76	15.82	15.95		
15+15	1	74	1	0		22.94	22.99	23.04		
15+15	75	0	75	0	64-QAM	20.71	20.70	20.71	22.93	0.1963
15+15	1	0	1	74		15.85	15.85	15.72		
15+15	1	74	1	0		20.93	20.93	21.03		
15+15	75	0	75	0	256-QAM	18.73	18.71	18.75	20.72	0.1180
15+15	1	0	1	74		15.61	15.61	15.63		
15+15	1	74	1	0		18.81	18.80	18.82		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.3 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	21.44	21.35	21.60	25.09	0.3228
20+20	1	0	0	0		23.79	23.69	23.76		
20+20	1	0	1	99		15.05	15.16	15.30		
20+20	1	99	1	0		22.61	23.58	22.68		
20+20	100	0	100	0	16-QAM	20.39	20.49	20.62	24.71	0.2958
20+20	1	0	0	0		23.28	23.34	23.41		
20+20	1	0	1	99		15.35	15.60	15.67		
20+20	1	99	1	0		22.81	22.86	23.02		
20+20	100	0	100	0	64-QAM	20.44	20.50	20.59	22.26	0.1683
20+20	1	0	1	99		15.30	15.48	15.53		
20+20	1	99	1	0		20.68	20.73	20.96		
20+20	100	0	100	0	256-QAM	18.38	18.48	18.59	19.99	0.0998
20+20	1	0	1	99		15.33	15.33	15.50		
20+20	1	99	1	0		18.59	18.59	18.69		
20+15	100	0	75	0	QPSK	21.61	21.64	21.70	25.19	0.3304
20+15	1	0	0	0		23.68	23.64	23.64		
20+15	1	0	1	74		15.31	15.28	15.43		
20+15	1	99	1	0		23.78	23.70	23.89		
20+15	100	0	75	0	16-QAM	20.62	20.56	20.74	24.53	0.2838
20+15	1	0	0	0		23.07	23.13	23.11		
20+15	1	0	1	74		15.63	15.57	15.67		
20+15	1	99	1	0		22.96	23.12	23.23		
20+15	100	0	75	0	64-QAM	20.03	20.60	20.77	22.42	0.1746
20+15	1	0	1	74		15.57	15.49	15.79		
20+15	1	99	1	0		20.80	20.69	21.12		
20+15	100	0	75	0	256-QAM	18.67	18.60	18.71	20.11	0.1026
20+15	1	0	1	74		15.34	15.40	15.51		
20+15	1	99	1	0		18.81	18.79	12.88		
15+20	75	0	100	0	QPSK	21.66	21.61	21.40	25.08	0.3221
15+20	1	0	0	0		23.58	23.61	23.67		
15+20	1	0	1	99		15.34	15.27	15.34		
15+20	1	74	1	0		23.78	23.74	22.67		
15+20	75	0	100	0	16-QAM	19.71	20.62	20.72	24.57	0.2864
15+20	1	0	0	0		22.06	23.12	23.27		
15+20	1	0	1	99		15.63	15.59	15.76		
15+20	1	74	1	0		23.10	23.07	23.06		
15+20	75	0	100	0	64-QAM	20.66	20.55	20.72	22.27	0.1687
15+20	1	0	1	99		15.67	15.50	15.22		
15+20	1	74	1	0		20.96	20.92	20.97		
15+20	75	0	100	0	256-QAM	18.59	18.66	18.70	20.16	0.1038
15+20	1	0	1	99		15.48	15.57	15.50		
15+20	1	74	1	0		18.86	18.46	18.79		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.3 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	21.54	21.64	21.73	25.06	0.3206
20+10	1	0	0	0		23.53	23.56	23.66		
20+10	1	0	1	49		15.16	15.22	15.42		
20+10	1	99	1	0		23.68	23.76	23.76		
20+10	100	0	50	0	16-QAM	20.51	20.54	20.69	24.58	0.2871
20+10	1	0	0	0		22.91	23.22	23.28		
20+10	1	0	1	49		15.59	15.71	15.75		
20+10	1	99	1	0		22.89	22.99	23.20		
20+10	100	0	50	0	64-QAM	20.54	20.60	20.70	22.35	0.1718
20+10	1	0	1	49		15.48	15.59	15.73		
20+10	1	99	1	0		20.47	20.88	21.05		
20+10	100	0	50	0	256-QAM	18.50	18.55	18.66	20.12	0.1028
20+10	1	0	1	49		15.30	15.29	15.40		
20+10	1	99	1	0		18.70	18.62	18.82		
10+20	50	0	100	0	QPSK	21.70	21.50	21.48	25.11	0.3243
10+20	1	0	0	0		23.71	23.59	23.61		
10+20	1	0	1	99		15.38	15.06	15.08		
10+20	1	49	1	0		23.81	22.49	22.80		
10+20	50	0	100	0	16-QAM	20.67	20.49	20.46	24.45	0.2786
10+20	1	0	0	0		23.15	23.06	23.08		
10+20	1	0	1	99		16.06	15.61	15.52		
10+20	1	49	1	0		22.94	22.74	22.89		
10+20	50	0	100	0	64-QAM	20.69	20.51	20.47	22.32	0.1706
10+20	1	0	1	99		15.49	15.33	15.73		
10+20	1	49	1	0		21.02	20.65	20.78		
10+20	50	0	100	0	256-QAM	18.64	18.48	18.48	20.14	0.1033
10+20	1	0	1	99		15.41	15.32	15.18		
10+20	1	49	1	0		18.84	18.61	18.62		
15+15	75	0	75	0	QPSK	21.57	21.58	21.66	25.06	0.3206
15+15	1	0	0	0		23.57	23.56	23.57		
15+15	1	0	1	74		15.24	15.31	15.41		
15+15	1	74	1	0		23.76	22.88	23.72		
15+15	75	0	75	0	16-QAM	20.55	20.62	20.61	24.52	0.2831
15+15	1	0	0	0		22.98	23.22	23.04		
15+15	1	0	1	74		15.79	15.58	15.81		
15+15	1	74	1	0		22.93	23.14	23.10		
15+15	75	0	75	0	64-QAM	20.68	20.66	20.67	22.39	0.1734
15+15	1	0	1	74		15.49	15.57	15.55		
15+15	1	74	1	0		20.97	21.03	21.09		
15+15	75	0	75	0	256-QAM	18.60	18.64	18.65	20.32	0.1076
15+15	1	0	1	74		15.43	15.66	15.32		
15+15	1	74	1	0		19.02	18.68	18.83		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.3 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	21.45	21.48	21.50	25.11	0.3243
15+10	1	0	0	0		23.72	23.73	23.81		
15+10	1	0	1	49		15.10	15.08	15.20		
15+10	1	74	1	0		23.56	23.49	22.55		
15+10	75	0	50	0	16-QAM	19.42	20.47	20.51	24.66	0.2924
15+10	1	0	0	0		23.36	23.22	23.20		
15+10	1	0	1	49		15.52	15.52	15.55		
15+10	1	74	1	0		22.93	22.91	22.92		
15+10	75	0	50	0	64-QAM	20.50	20.49	20.47	22.15	0.1641
15+10	1	0	1	49		15.38	15.30	15.40		
15+10	1	74	1	0		20.69	20.75	20.85		
15+10	75	0	50	0	256-QAM	18.44	18.37	18.53	19.91	0.0979
15+10	1	0	1	49		15.14	15.06	15.41		
15+10	1	74	1	0		18.60	17.89	18.61		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 3.3 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	21.33	21.44	21.49	26.98	0.4989
20+20	1	0	0	0		23.68	23.67	23.67		
20+20	1	0	1	99		15.04	15.14	15.19		
20+20	1	99	1	0		23.41	23.49	22.61		
20+20	100	0	100	0	16-QAM	20.39	20.46	20.53	26.56	0.4529
20+20	1	0	0	0		23.26	23.25	23.26		
20+20	1	0	1	99		15.70	15.79	15.88		
20+20	1	99	1	0		23.08	23.17	23.23		
20+20	100	0	100	0	64-QAM	20.36	20.46	20.53	23.91	0.2460
20+20	1	0	1	99		15.24	15.32	15.37		
20+20	1	99	1	0		20.46	20.58	20.61		
20+20	100	0	100	0	256-QAM	18.34	18.44	18.49	21.84	0.1528
20+20	1	0	1	99		15.21	15.31	15.36		
20+20	1	99	1	0		18.41	18.47	18.54		
15+15	75	0	75	0	QPSK	21.30	21.35	21.34	26.94	0.4943
15+15	1	0	0	0		23.64	23.64	23.64		
15+15	1	0	1	74		14.98	15.03	15.06		
15+15	1	74	1	0		23.30	23.38	22.47		
15+15	75	0	75	0	16-QAM	20.30	20.34	20.36	26.57	0.4539
15+15	1	0	0	0		23.22	23.27	23.27		
15+15	1	0	1	74		15.66	15.70	15.73		
15+15	1	74	1	0		22.99	23.05	23.08		
15+15	75	0	75	0	64-QAM	20.32	20.31	20.38	23.77	0.2382
15+15	1	0	1	74		15.12	15.19	15.24		
15+15	1	74	1	0		20.38	20.46	20.47		
15+15	75	0	75	0	256-QAM	18.33	18.24	18.33	21.69	0.1476
15+15	1	0	1	74		15.14	15.20	15.21		
15+15	1	74	1	0		18.32	18.38	18.39		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.5 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	21.58	21.62	21.27	27.17	0.5212
20+20	1	0	0	0		23.57	22.63	23.55		
20+20	1	0	1	99		15.27	15.23	14.97		
20+20	1	99	1	0		23.67	22.69	23.32		
20+20	100	0	100	0	16-QAM	20.61	20.55	20.29	26.85	0.4842
20+20	1	0	0	0		23.20	23.29	23.11		
20+20	1	0	1	99		15.99	15.91	15.74		
20+20	1	99	1	0		23.35	23.28	22.98		
20+20	100	0	100	0	64-QAM	20.57	20.56	20.28	24.19	0.2624
20+20	1	0	1	99		15.45	15.42	15.19		
20+20	1	99	1	0		20.69	20.58	20.38		
20+20	100	0	100	0	256-QAM	18.60	18.50	18.24	22.20	0.1660
20+20	1	0	1	99		15.44	15.42	15.18		
20+20	1	99	1	0		18.70	18.58	18.30		
20+15	100	0	75	0	QPSK	21.48	21.45	21.18	27.20	0.5248
20+15	1	0	0	0		23.58	23.70	23.52		
20+15	1	0	1	74		15.17	15.17	14.92		
20+15	1	99	1	0		22.70	23.58	22.32		
20+15	100	0	75	0	16-QAM	20.54	20.47	20.19	26.80	0.4786
20+15	1	0	0	0		23.18	23.29	23.12		
20+15	1	0	1	74		15.91	15.85	15.62		
20+15	1	99	1	0		23.30	23.22	22.92		
20+15	100	0	75	0	64-QAM	20.54	20.47	20.19	24.16	0.2606
20+15	1	0	1	74		15.41	15.40	15.04		
20+15	1	99	1	0		20.66	20.56	20.34		
20+15	100	0	75	0	256-QAM	18.57	18.47	18.15	22.11	0.1626
20+15	1	0	1	74		15.41	15.36	15.13		
20+15	1	99	1	0		18.61	18.54	18.30		
15+20	75	0	100	0	QPSK	21.44	21.45	21.10	27.21	0.5260
15+20	1	0	0	0		23.61	23.71	22.44		
15+20	1	0	1	99		15.11	15.12	14.79		
15+20	1	74	1	0		23.47	23.47	22.18		
15+20	75	0	100	0	16-QAM	20.45	20.44	20.10	26.80	0.4786
15+20	1	0	0	0		23.22	23.30	23.10		
15+20	1	0	1	99		15.82	15.79	15.49		
15+20	1	74	1	0		23.12	23.14	22.77		
15+20	75	0	100	0	64-QAM	20.42	20.45	20.09	24.05	0.2541
15+20	1	0	1	99		15.27	15.26	14.95		
15+20	1	74	1	0		20.55	20.52	20.15		
15+20	75	0	100	0	256-QAM	18.42	18.41	18.03	21.98	0.1578
15+20	1	0	1	99		15.28	15.28	14.94		
15+20	1	74	1	0		18.48	18.43	18.09		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.5 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	21.72	21.75	21.36	27.28	0.5346
20+10	1	0	0	0		23.69	23.75	23.50		
20+10	1	0	1	49		15.37	15.41	15.04		
20+10	1	99	1	0		23.78	22.89	23.35		
20+10	100	0	50	0	16-QAM	20.77	20.78	20.35	26.95	0.4955
20+10	1	0	0	0		23.30	23.40	23.16		
20+10	1	0	1	49		16.10	16.15	15.76		
20+10	1	99	1	0		23.45	23.36	23.03		
20+10	100	0	50	0	64-QAM	20.73	20.75	20.34	24.33	0.2710
20+10	1	0	1	49		15.58	15.63	15.24		
20+10	1	99	1	0		20.83	20.81	20.33		
20+10	100	0	50	0	256-QAM	18.71	18.73	18.31	22.27	0.1687
20+10	1	0	1	49		15.59	15.62	15.21		
20+10	1	99	1	0		18.77	18.77	18.27		
10+20	50	0	100	0	QPSK	21.47	21.53	21.36	26.95	0.4955
10+20	1	0	0	0		23.36	22.40	22.23		
10+20	1	0	1	99		15.31	15.17	15.03		
10+20	1	49	1	0		22.75	22.59	23.45		
10+20	50	0	100	0	16-QAM	20.64	20.52	20.39	26.81	0.4797
10+20	1	0	0	0		22.98	23.02	23.18		
10+20	1	0	1	99		15.98	15.83	15.72		
10+20	1	49	1	0		23.31	23.18	23.03		
10+20	50	0	100	0	64-QAM	20.64	20.56	20.40	24.30	0.2692
10+20	1	0	1	99		15.49	15.37	15.22		
10+20	1	49	1	0		20.80	20.56	20.38		
10+20	50	0	100	0	256-QAM	18.70	18.57	18.39	22.24	0.1675
10+20	1	0	1	99		15.45	15.30	15.22		
10+20	1	49	1	0		18.74	18.54	18.32		
20+5	100	0	25	0	QPSK	21.54	21.60	21.19	27.10	0.5129
20+5	1	0	0	0		23.35	23.48	23.38		
20+5	1	0	1	24		15.25	15.31	14.91		
20+5	1	99	1	0		23.60	22.69	22.29		
20+5	100	0	25	0	16-QAM	20.59	20.61	20.22	26.80	0.4786
20+5	1	0	0	0		22.96	23.14	22.92		
20+5	1	0	1	24		15.92	15.98	15.63		
20+5	1	99	1	0		23.27	23.30	22.91		
20+5	100	0	25	0	64-QAM	20.54	20.59	20.18	24.19	0.2624
20+5	1	0	1	24		15.44	15.51	15.12		
20+5	1	99	1	0		20.64	20.69	20.25		
20+5	100	0	25	0	256-QAM	18.53	18.62	18.19	22.13	0.1633
20+5	1	0	1	24		15.41	15.46	15.10		
20+5	1	99	1	0		18.61	18.63	18.17		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.5 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	21.48	21.42	21.16	27.25	0.5309
5+20	1	0	0	0		23.65	23.75	23.55		
5+20	1	0	1	99		15.19	15.10	14.85		
5+20	1	24	1	0		22.54	23.36	22.21		
5+20	25	0	100	0	16-QAM	20.46	20.40	20.15	26.81	0.4797
5+20	1	0	0	0		23.25	23.31	23.16		
5+20	1	0	1	99		15.85	15.77	15.56		
5+20	1	24	1	0		23.08	23.04	22.76		
5+20	25	0	100	0	64-QAM	20.49	20.41	20.17	24.00	0.2512
5+20	1	0	1	99		15.31	15.20	14.96		
5+20	1	24	1	0		20.50	20.45	20.22		
5+20	25	0	100	0	256-QAM	18.52	18.42	18.16	22.02	0.1592
5+20	1	0	1	99		15.36	15.24	15.01		
5+20	1	24	1	0		18.43	18.38	18.10		
15+10	75	0	50	0	QPSK	21.55	21.57	21.28	27.11	0.5140
15+10	1	0	0	0		23.34	23.47	23.20		
15+10	1	0	1	49		15.26	15.30	14.97		
15+10	1	74	1	0		23.61	22.73	23.25		
15+10	75	0	50	0	16-QAM	20.58	20.61	20.29	26.76	0.4742
15+10	1	0	0	0		22.99	23.06	22.82		
15+10	1	0	1	49		15.96	16.01	15.68		
15+10	1	74	1	0		23.26	23.26	22.97		
15+10	75	0	50	0	64-QAM	20.59	20.62	20.28	24.22	0.2642
15+10	1	0	1	49		15.44	15.44	15.13		
15+10	1	74	1	0		20.71	20.72	20.34		
15+10	75	0	50	0	256-QAM	18.57	18.56	18.22	22.16	0.1644
15+10	1	0	1	49		15.42	15.45	15.13		
15+10	1	74	1	0		18.63	18.66	18.25		
10+15	50	0	75	0	QPSK	21.55	21.50	21.21	27.02	0.5035
10+15	1	0	0	0		23.32	22.40	23.18		
10+15	1	0	1	74		15.24	15.15	14.90		
10+15	1	49	1	0		22.65	23.52	23.27		
10+15	50	0	75	0	16-QAM	20.54	20.50	20.20	26.68	0.4656
10+15	1	0	0	0		22.93	23.05	22.80		
10+15	1	0	1	74		15.87	15.83	15.60		
10+15	1	49	1	0		23.18	23.18	22.96		
10+15	50	0	75	0	64-QAM	20.57	20.52	20.25	24.11	0.2576
10+15	1	0	1	74		15.42	15.35	15.12		
10+15	1	49	1	0		20.61	20.53	20.27		
10+15	50	0	75	0	256-QAM	18.60	18.51	18.27	22.10	0.1622
10+15	1	0	1	74		15.40	15.29	15.08		
10+15	1	49	1	0		18.58	18.52	18.19		
Limit	EIRP < 2W					Result			Pass	



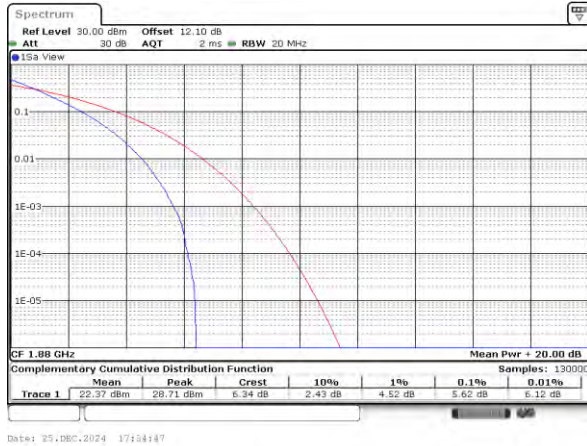
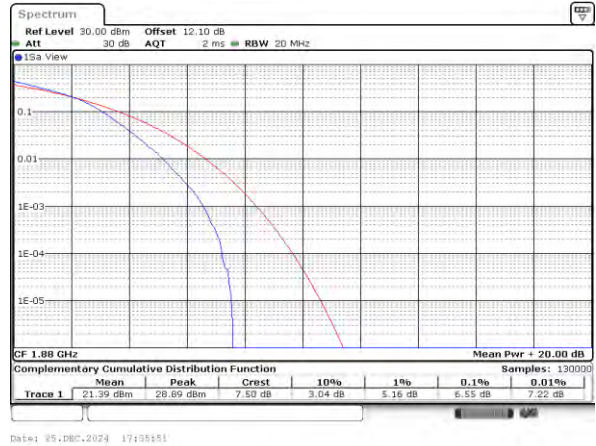
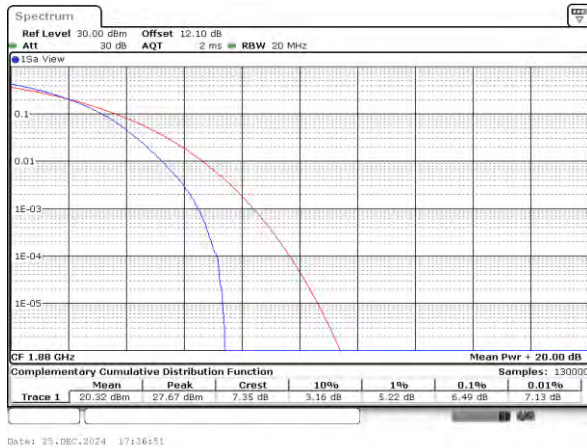
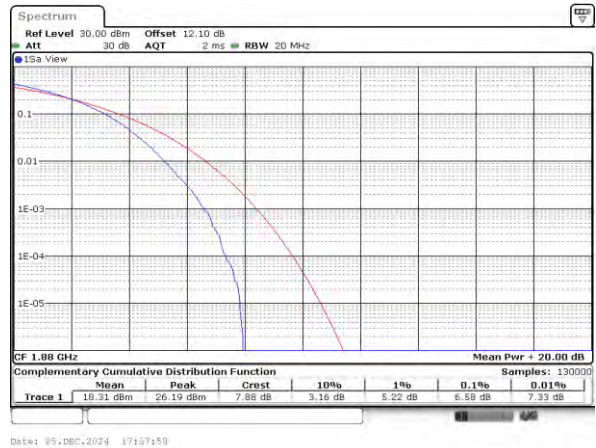
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.5 dB)										
15+15	75	0	75	0	QPSK	21.57	21.62	21.24	27.26	0.5321
15+15	1	0	0	0		23.67	23.76	23.47		
15+15	1	0	1	74		15.25	15.26	14.90		
15+15	1	74	1	0		23.56	23.58	22.31		
15+15	75	0	75	0	16-QAM	20.58	20.60	20.14	26.80	0.4786
15+15	1	0	0	0		23.26	23.30	23.09		
15+15	1	0	1	74		15.90	15.94	15.60		
15+15	1	74	1	0		23.15	23.26	22.93		
15+15	75	0	75	0	64-QAM	20.55	20.59	20.21	24.16	0.2606
15+15	1	0	1	74		15.37	15.40	15.07		
15+15	1	74	1	0		20.66	20.65	20.25		
15+15	75	0	75	0	256-QAM	18.53	18.55	18.17	22.08	0.1614
15+15	1	0	1	74		15.39	15.41	15.06		
15+15	1	74	1	0		18.58	18.57	18.18		
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	5.62	6.55	6.49	6.58	PASS

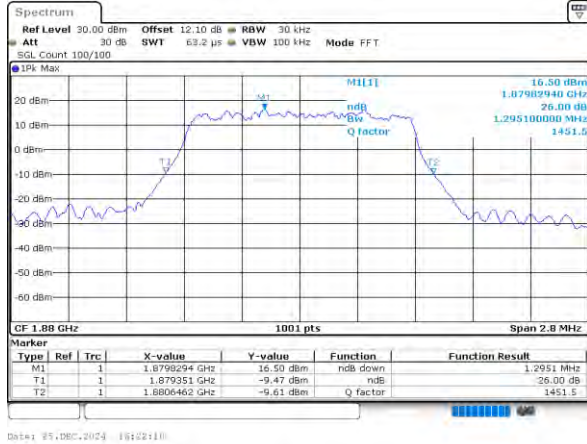
LTE Band 2 / 20MHz / QPSK
Middle Channel / Full RB

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

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

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


**26dB Bandwidth**

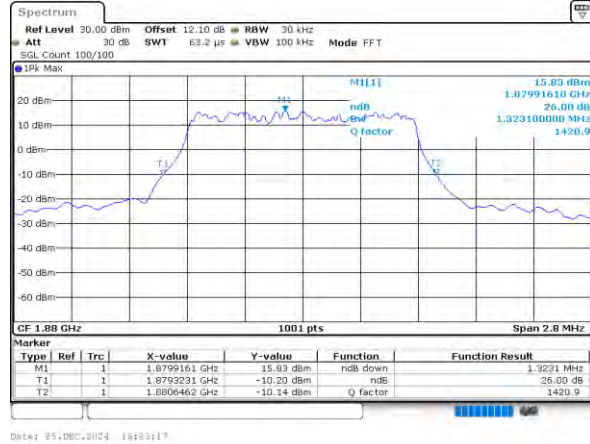
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.29	1.32	3.12	3.03	5.21	5.07	10.27	9.97	14.41	14.29	19.46	18.90
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	1.29	1.26	3.05	3.01	5.21	4.95	10.35	10.15	14.65	14.77	19.38	19.34

LTE Band 2

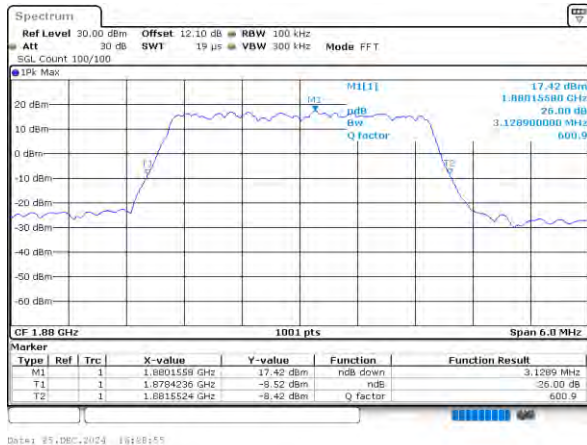
Middle Channel / 1.4MHz / QPSK



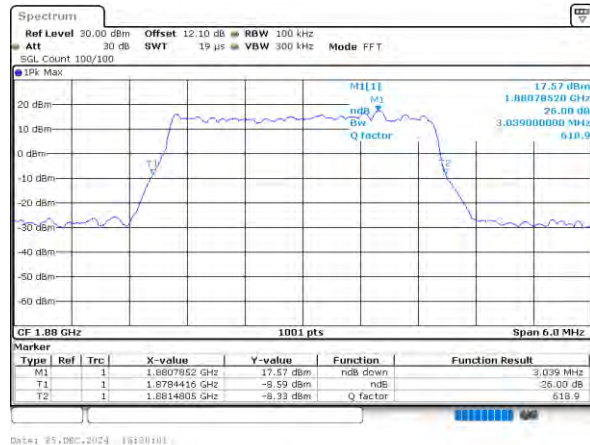
Middle Channel / 1.4MHz / 16QAM



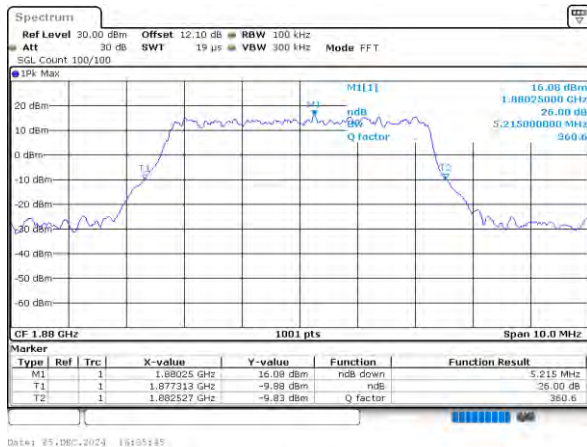
Middle Channel / 3MHz / QPSK



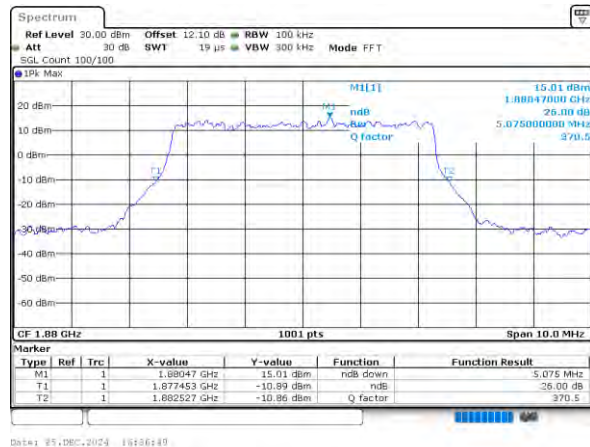
Middle Channel / 3MHz / 16QAM

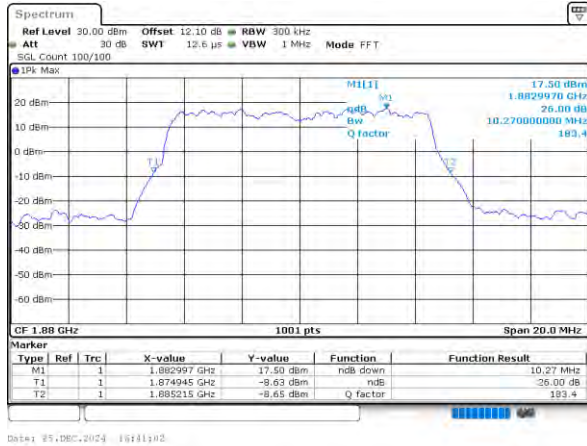
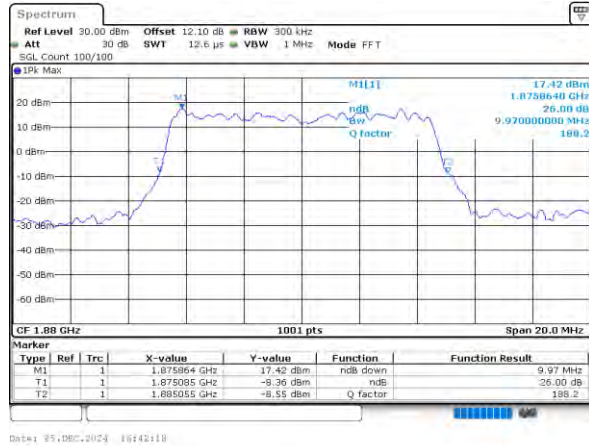
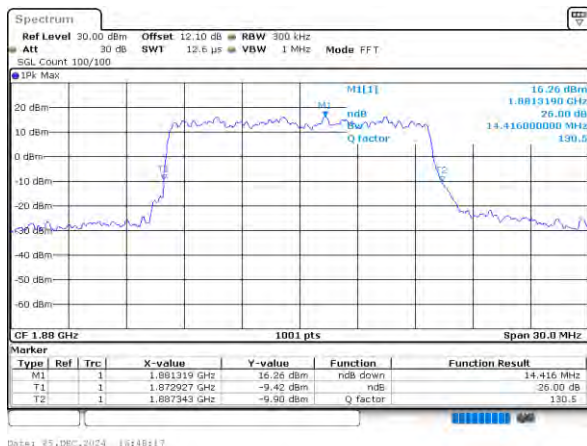
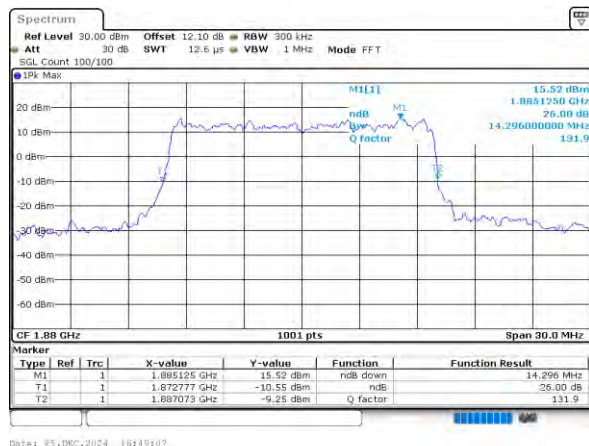
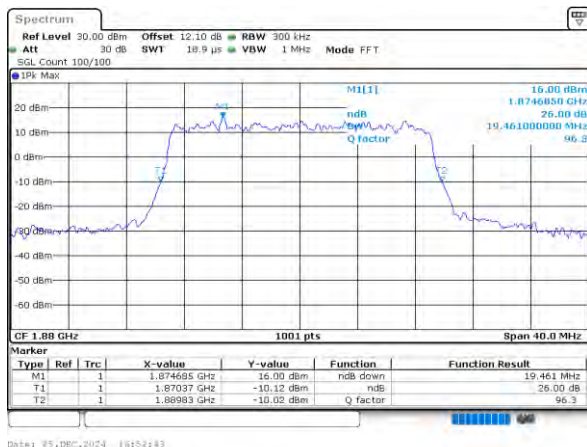
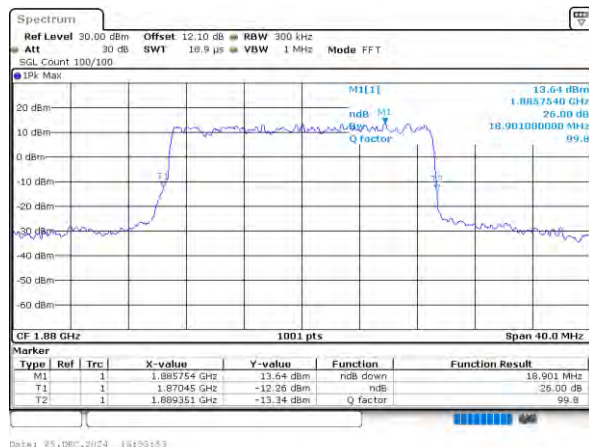


Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM

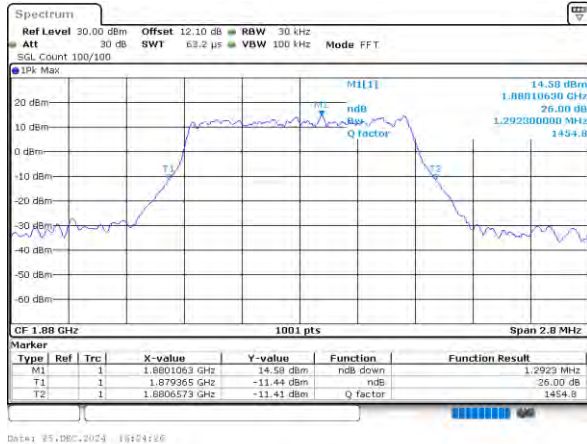


LTE Band 2
Middle Channel / 10MHz / QPSK

Middle Channel / 10MHz / 16QAM

Middle Channel / 15MHz / QPSK

Middle Channel / 15MHz / 16QAM

Middle Channel / 20MHz / QPSK

Middle Channel / 20MHz / 16QAM


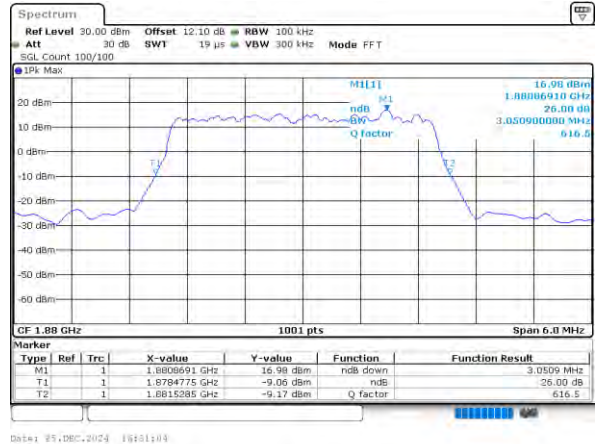


LTE Band 2

Middle Channel / 1.4MHz / 64QAM



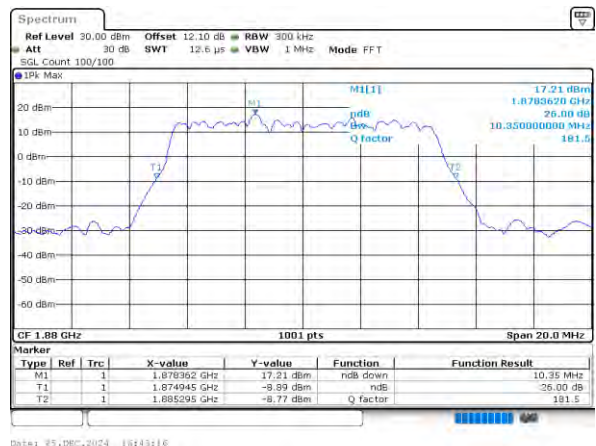
Middle Channel / 3MHz / 64QAM



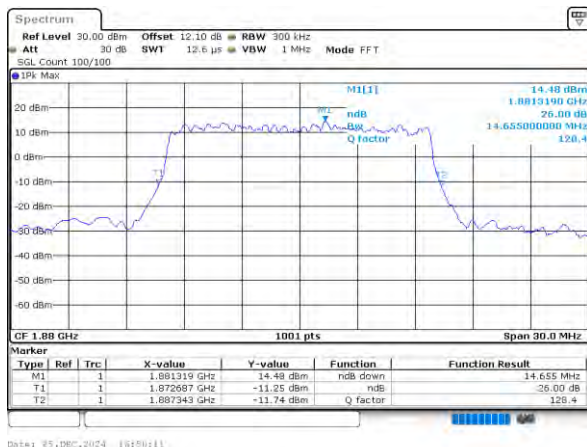
Middle Channel / 5MHz / 64QAM



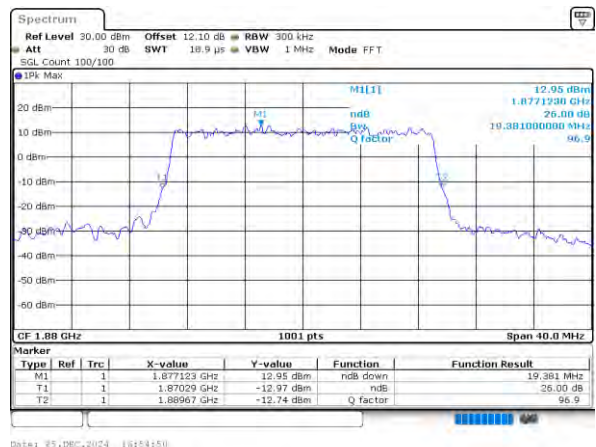
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



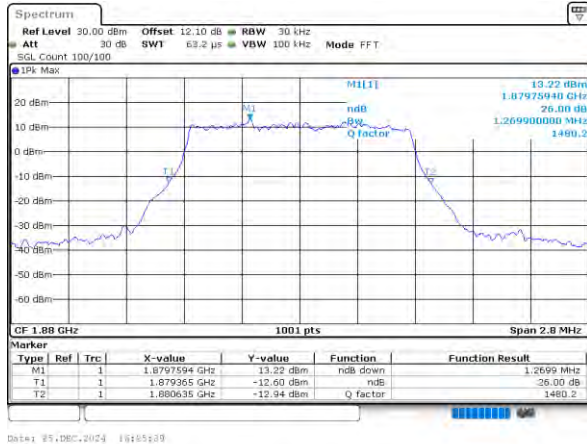
Middle Channel / 20MHz / 64QAM



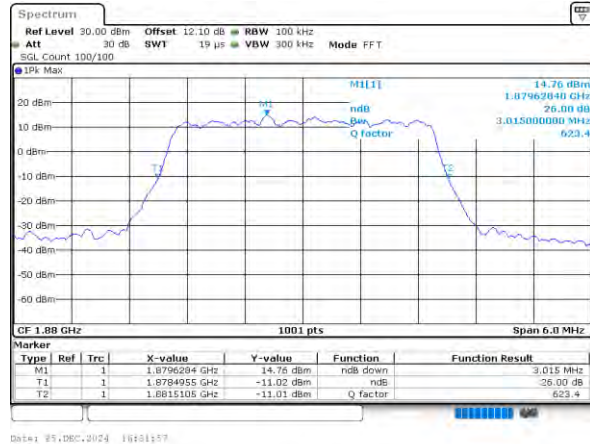


LTE Band 2

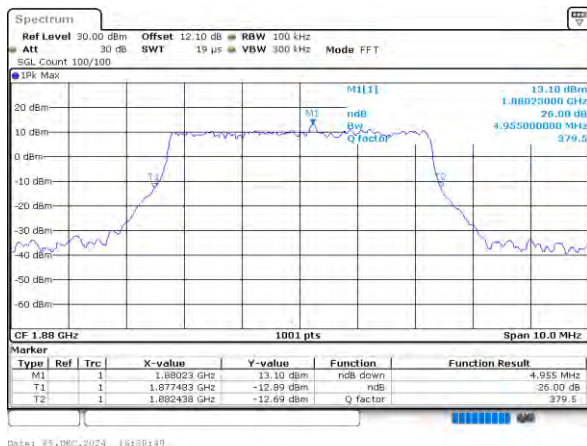
Middle Channel / 1.4MHz / 256QAM



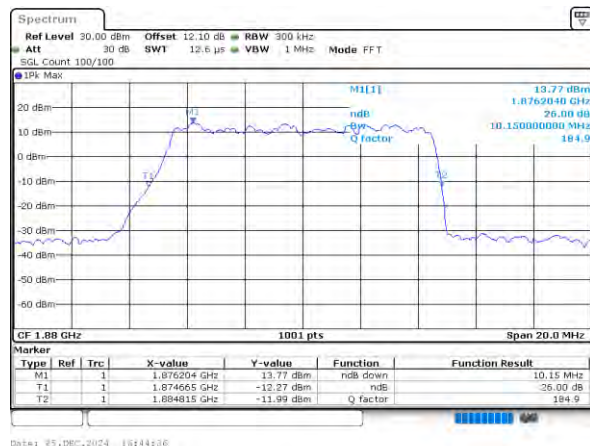
Middle Channel / 3MHz / 256QAM



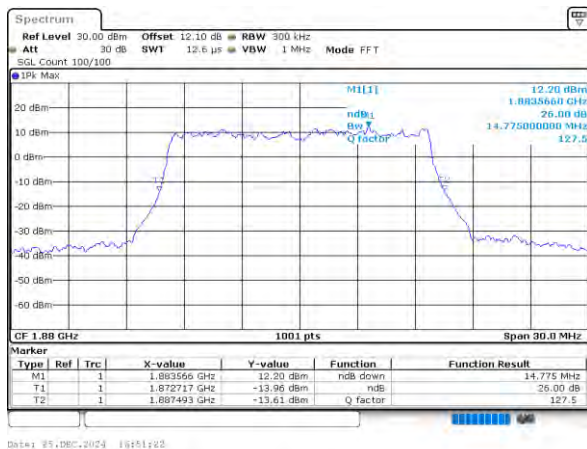
Middle Channel / 5MHz / 256QAM



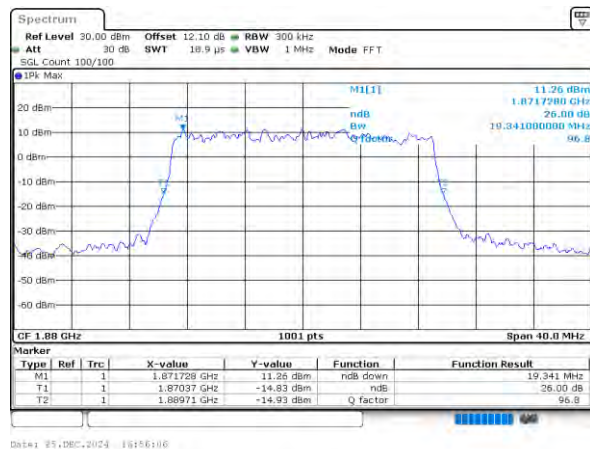
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



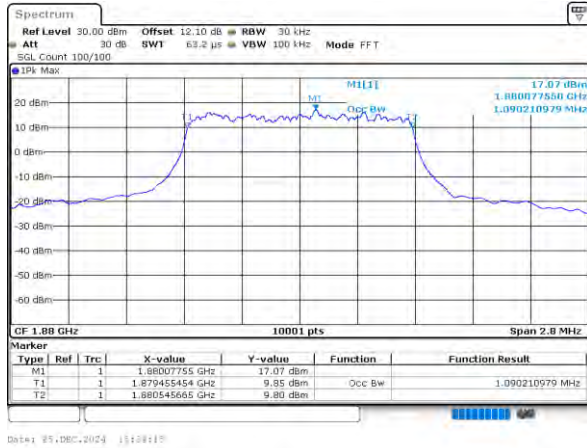
**Occupied Bandwidth**

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	2.71	2.71	4.51	4.47	9.07	9.05	13.45	13.48	17.89	17.85
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	1.08	1.08	2.73	2.72	4.49	4.50	9.02	9.01	13.44	13.48	17.92	17.92

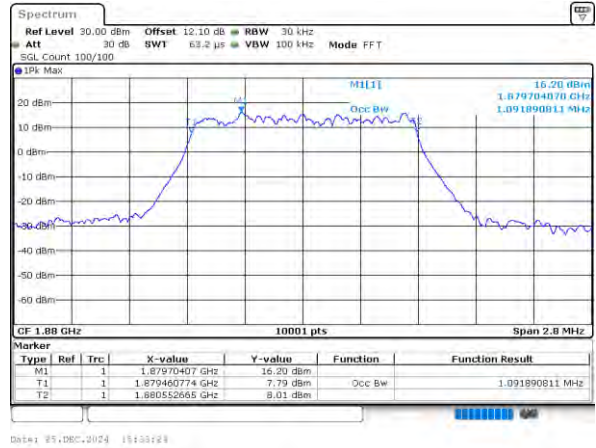


LTE Band 2

Middle Channel / 1.4MHz / QPSK



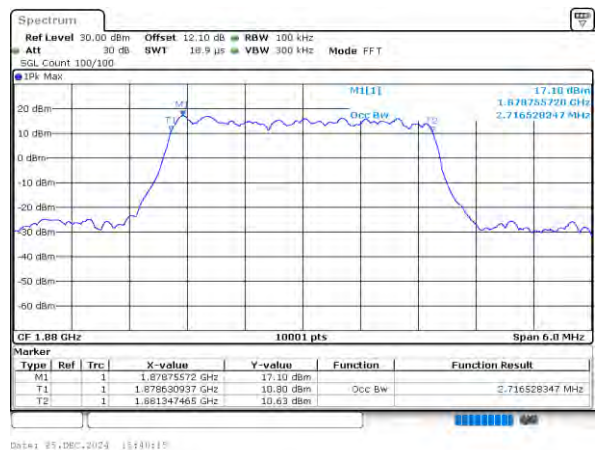
Middle Channel / 1.4MHz / 16QAM



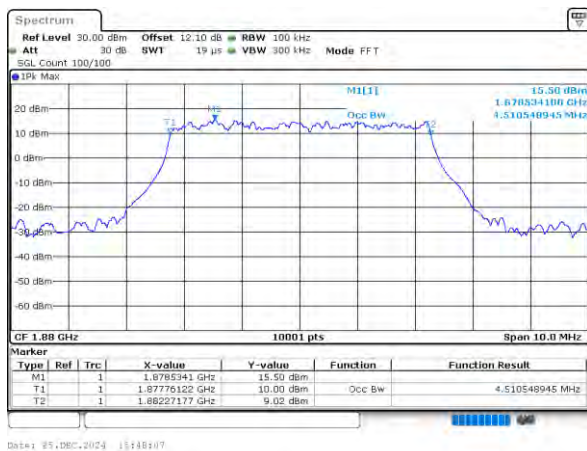
Middle Channel / 3MHz / QPSK



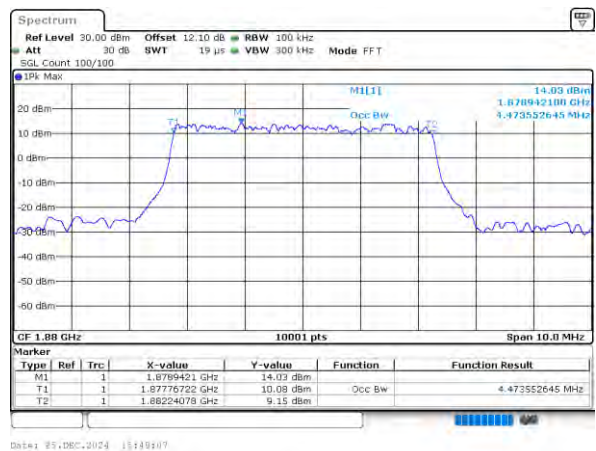
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



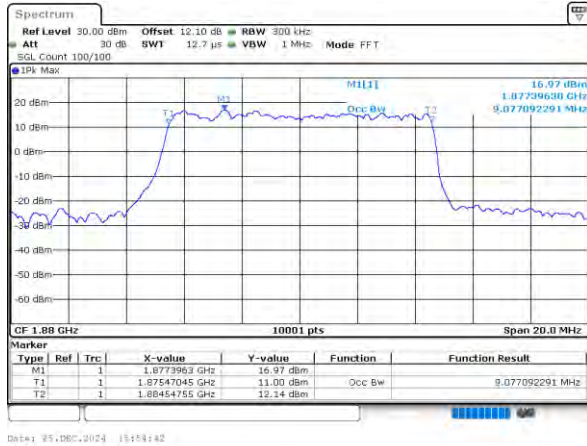
Middle Channel / 5MHz / 16QAM



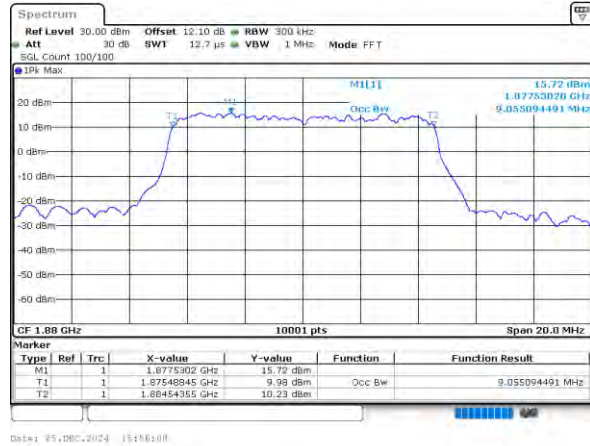


LTE Band 2

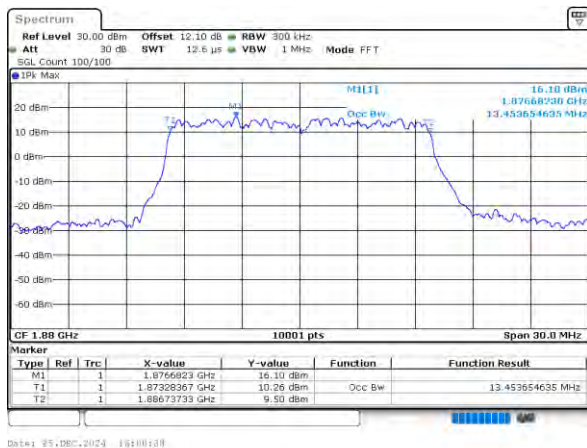
Middle Channel / 10MHz / QPSK



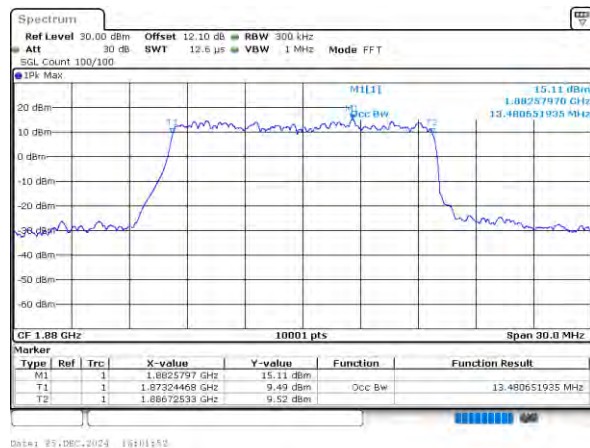
Middle Channel / 10MHz / 16QAM



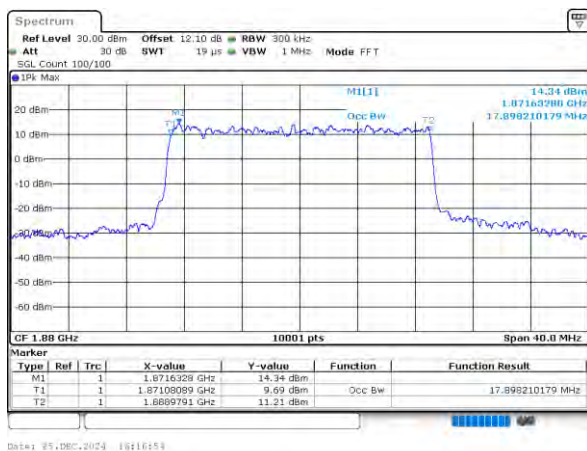
Middle Channel / 15MHz / QPSK



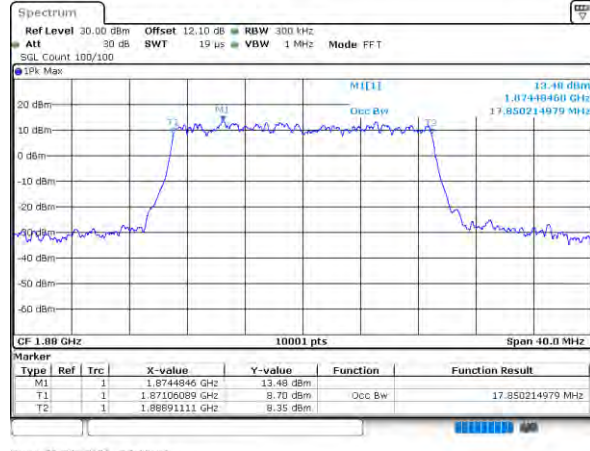
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



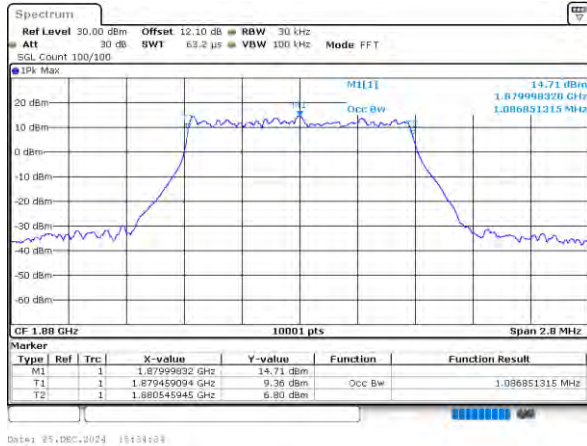
Middle Channel / 20MHz / 16QAM



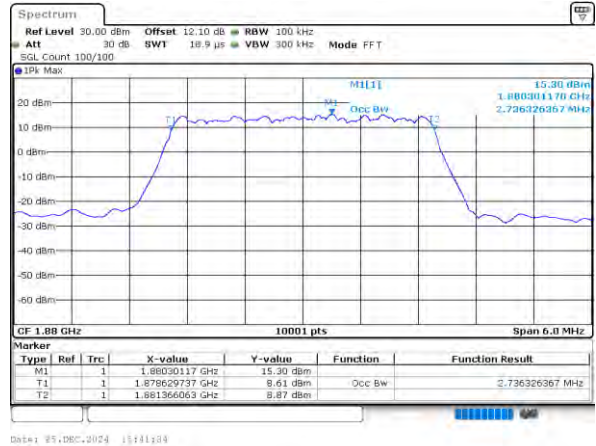


LTE Band 2

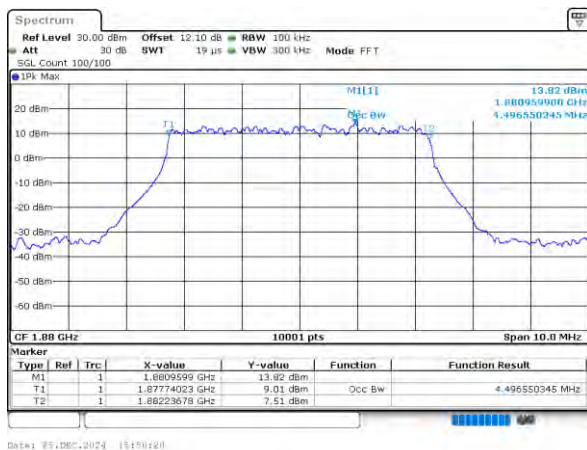
Middle Channel / 1.4MHz / 64QAM



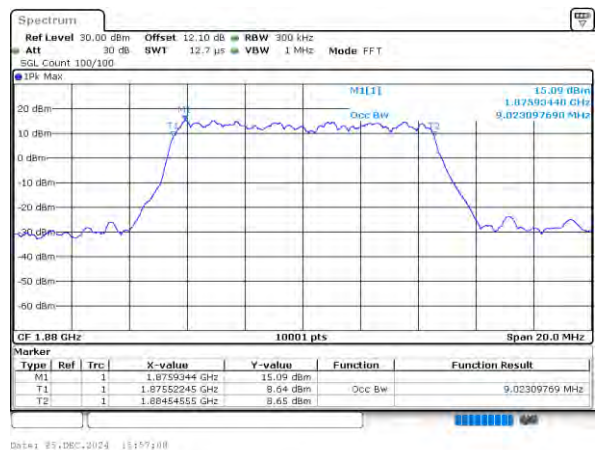
Middle Channel / 3MHz / 64QAM



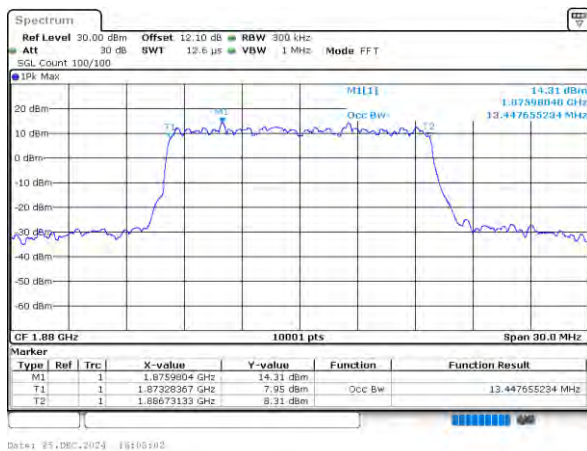
Middle Channel / 5MHz / 64QAM



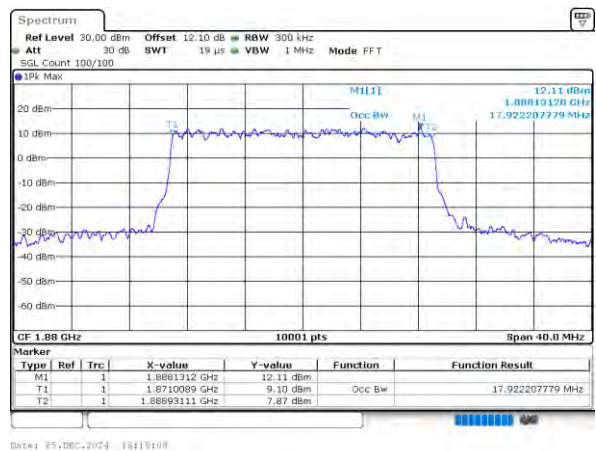
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



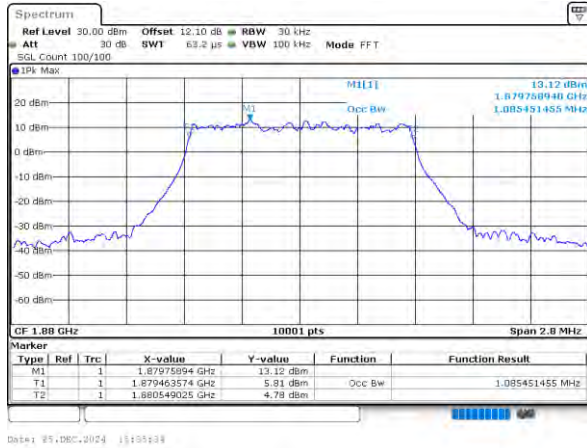
Middle Channel / 20MHz / 64QAM





LTE Band 2

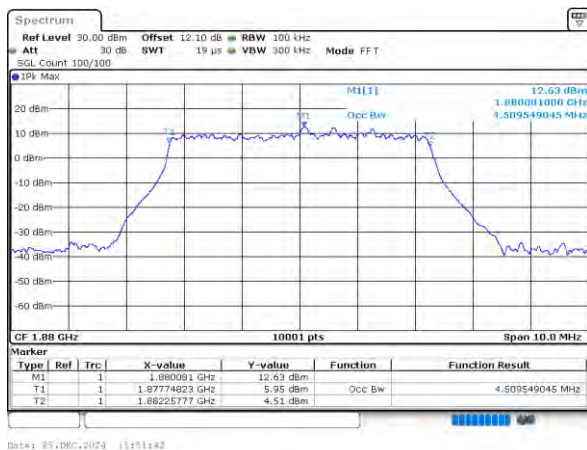
Middle Channel / 1.4MHz / 256QAM



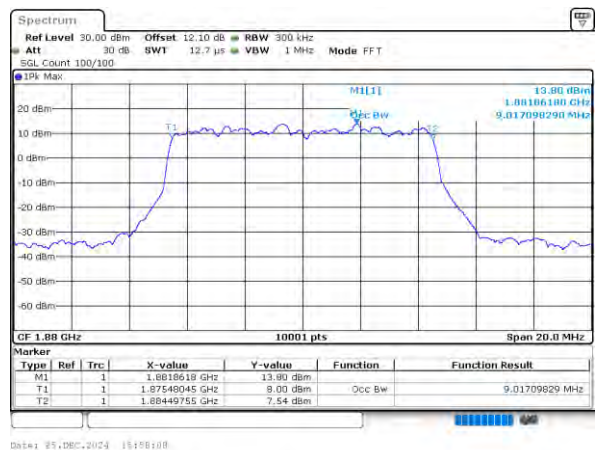
Middle Channel / 3MHz / 256QAM



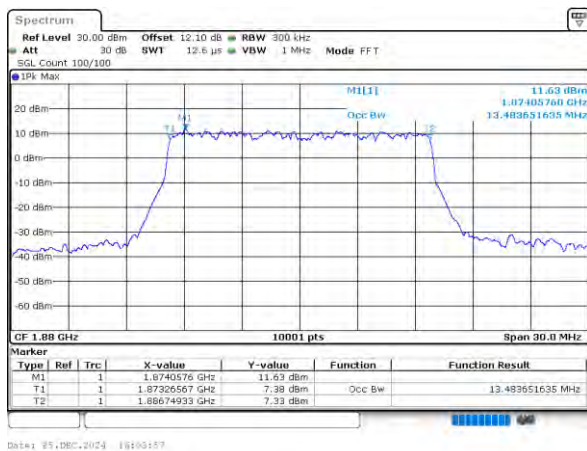
Middle Channel / 5MHz / 256QAM



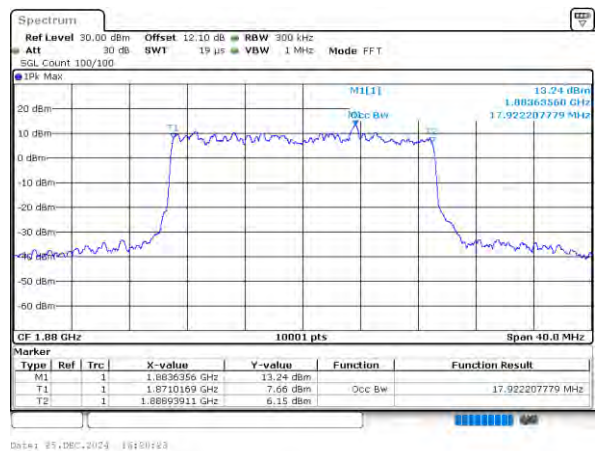
Middle Channel / 10MHz / 256QAM

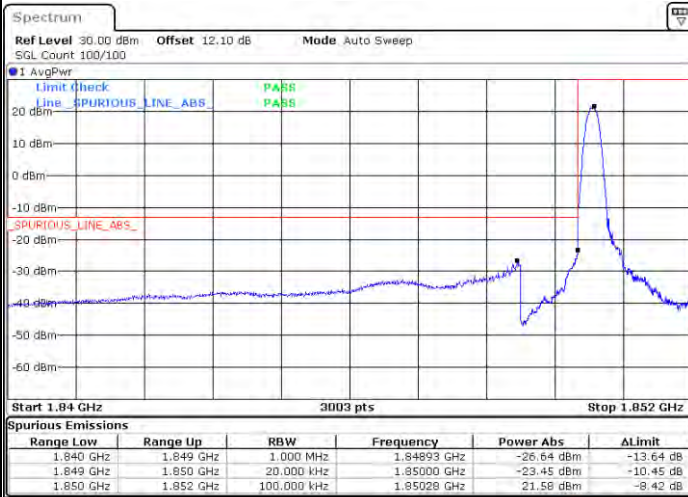
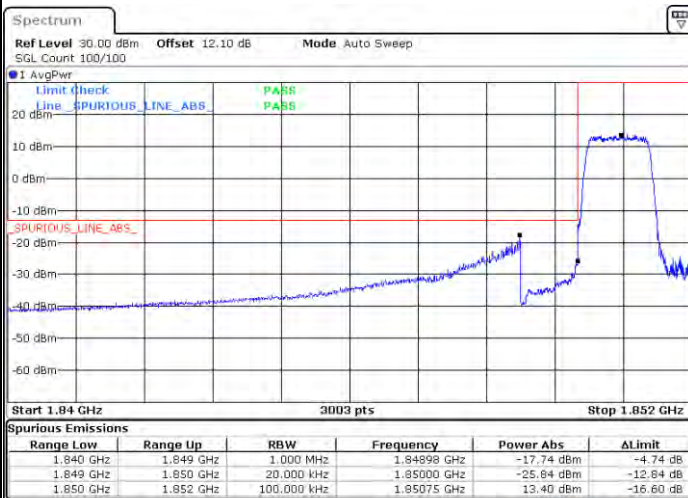


Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

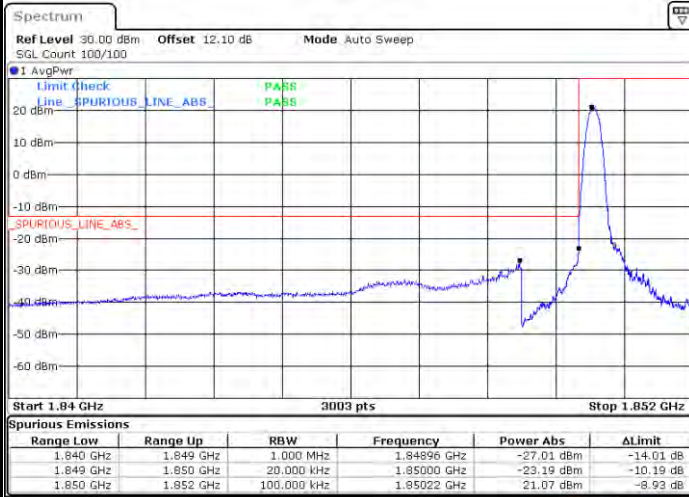


**Conducted Band Edge****LTE Band 2 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 2 / 1.4MHz / 16QAM

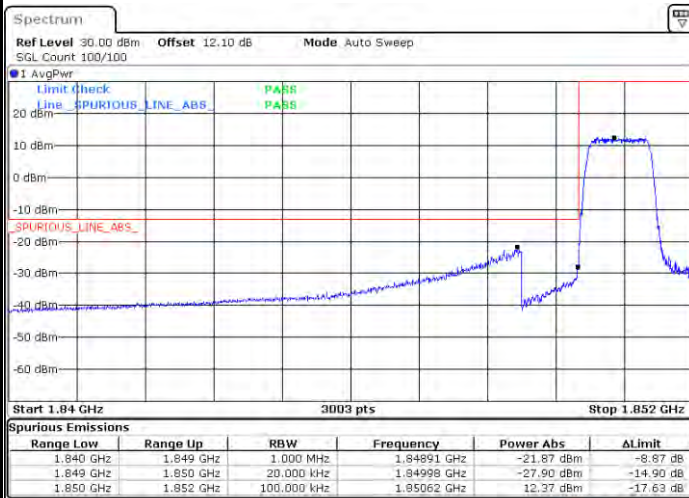
Lowest Band Edge / 1 RB



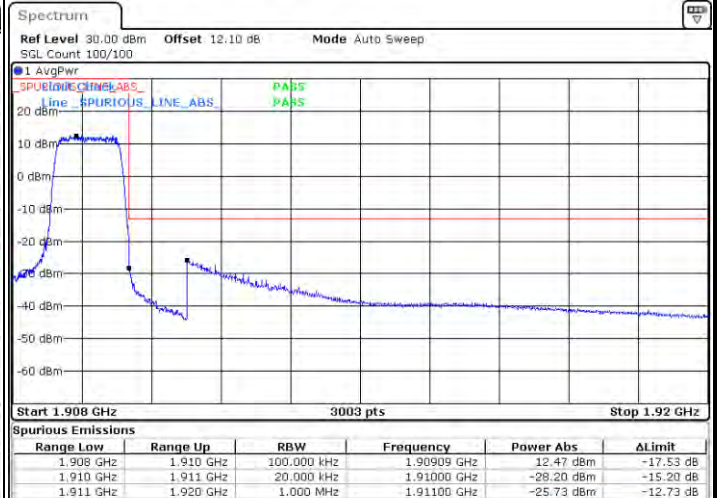
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



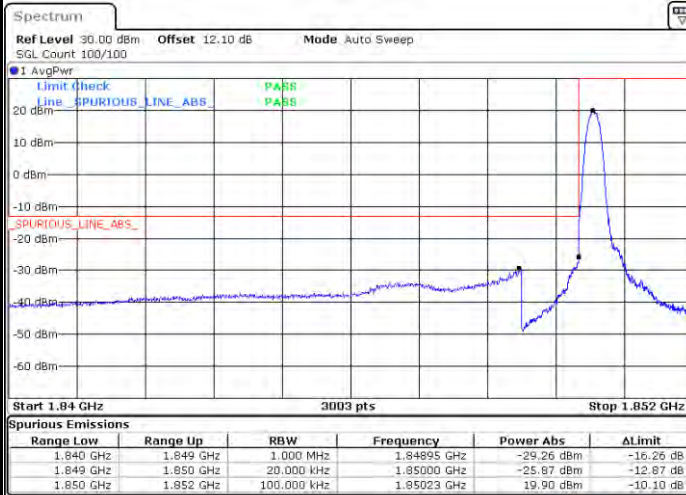
Highest Band Edge / Full RB



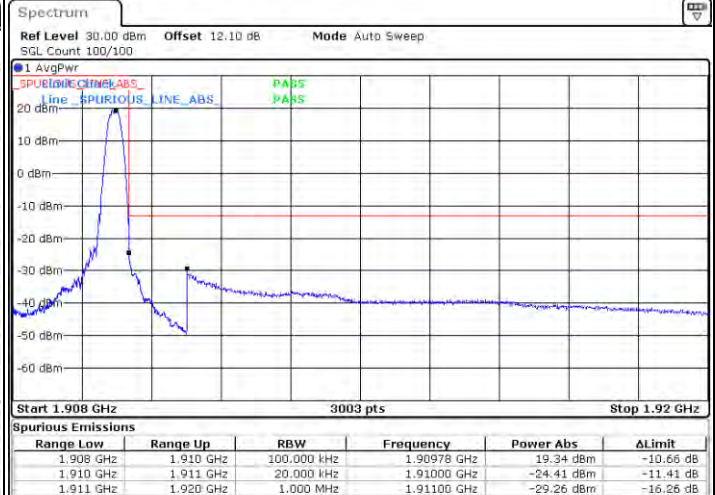


LTE Band 2 / 1.4MHz / 64QAM

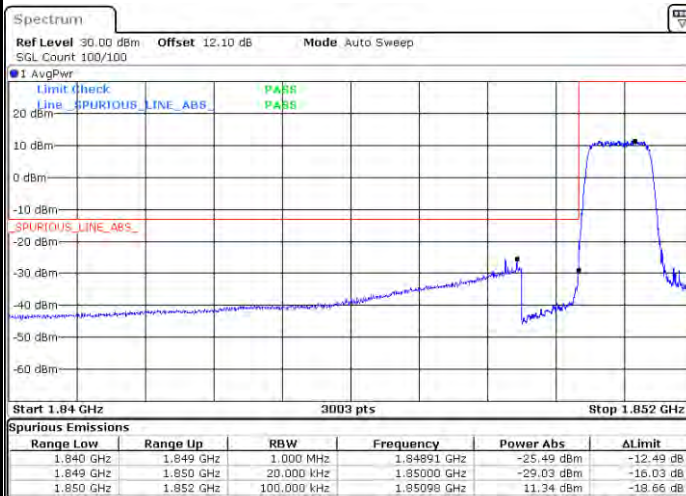
Lowest Band Edge / 1 RB



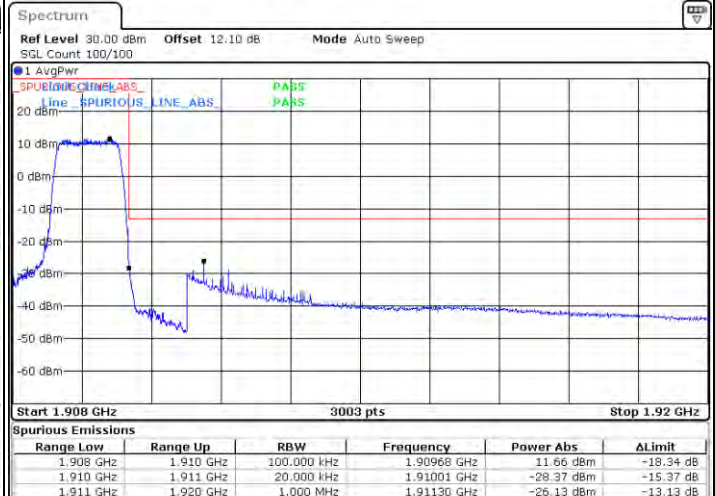
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



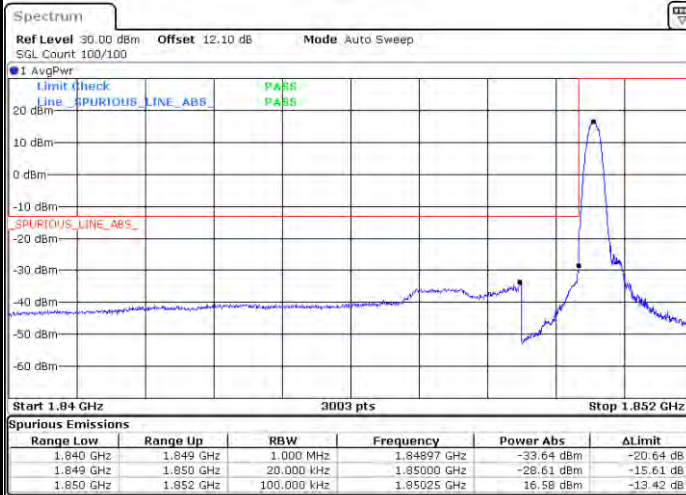
Highest Band Edge / Full RB



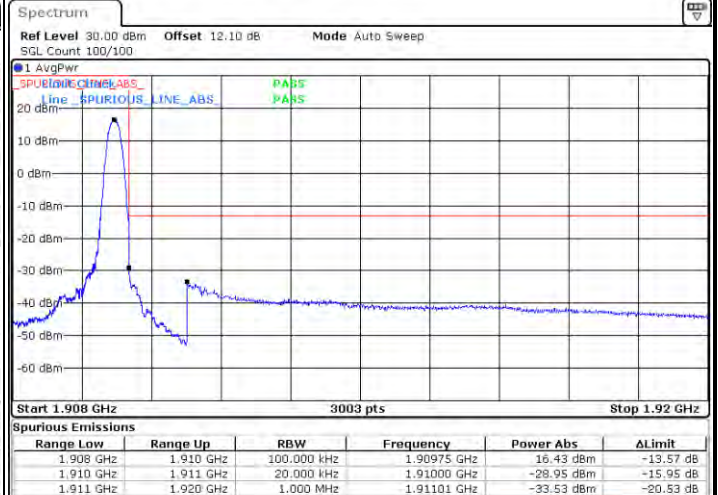


LTE Band 2 / 1.4MHz / 256QAM

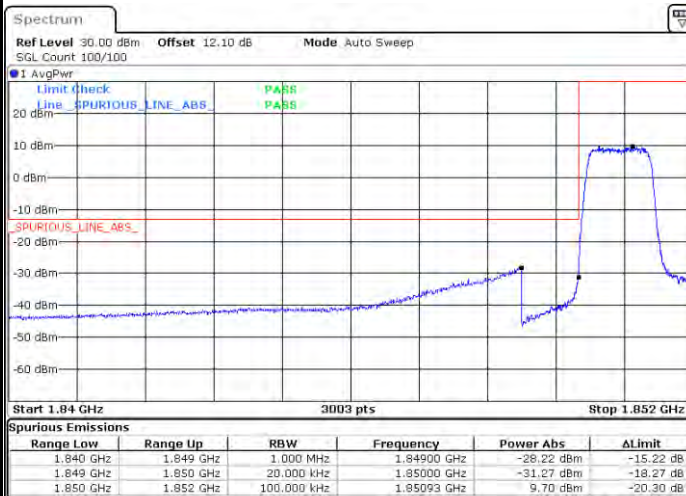
Lowest Band Edge / 1 RB



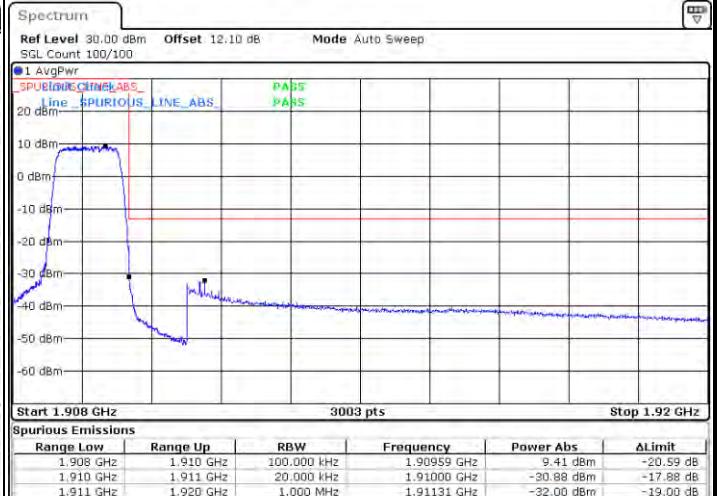
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



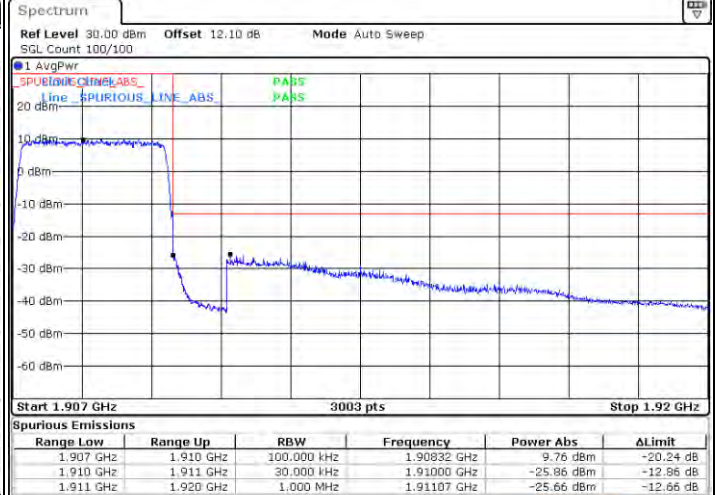


LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / Full RB

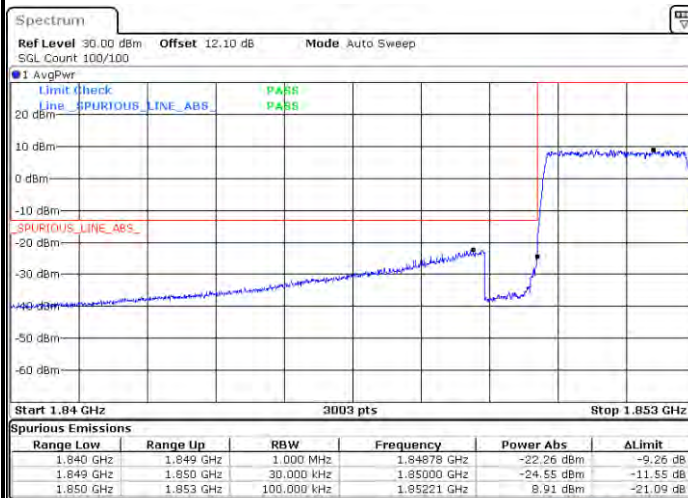


Highest Band Edge / Full RB



LTE Band 2 / 3MHz / 16QAM

Lowest Band Edge / Full RB



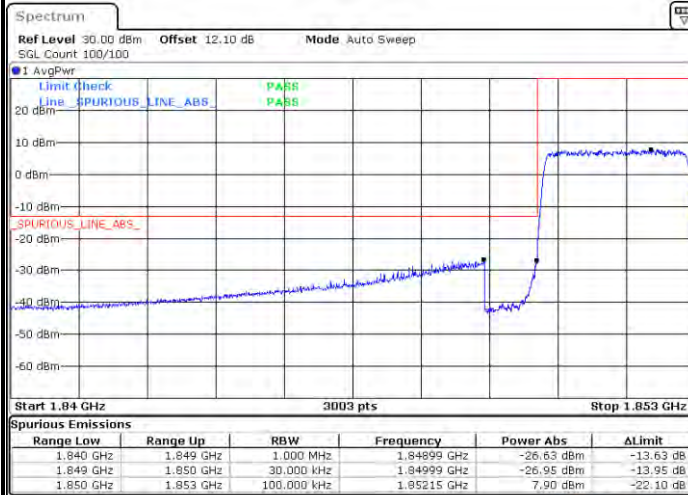
Highest Band Edge / Full RB



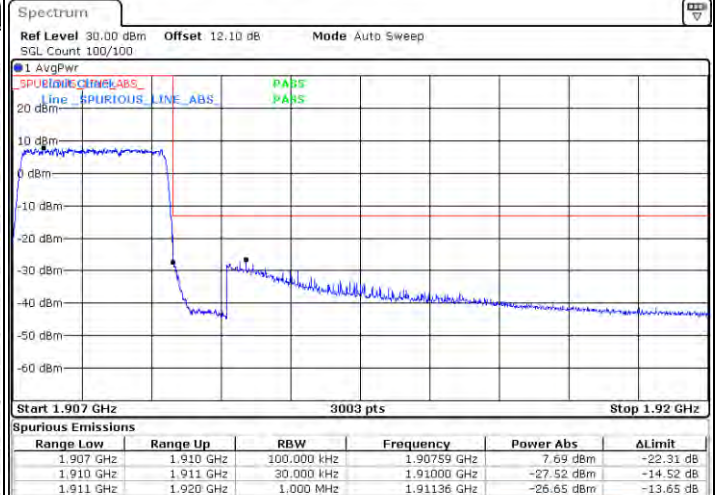


LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / Full RB

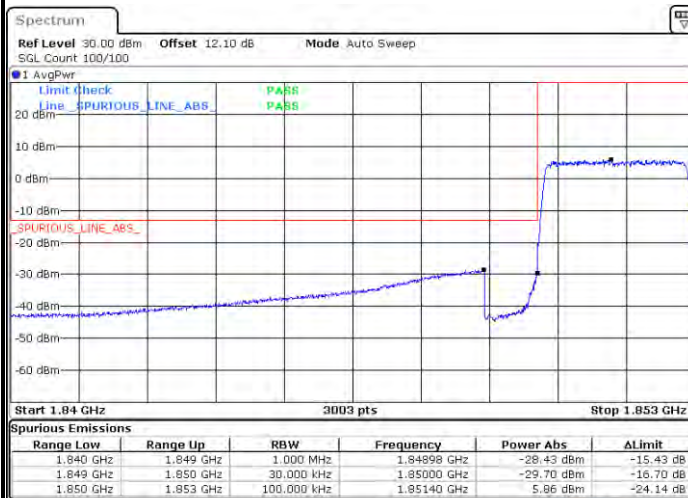


Highest Band Edge / Full RB



LTE Band 2 / 3MHz / 256QAM

Lowest Band Edge / Full RB



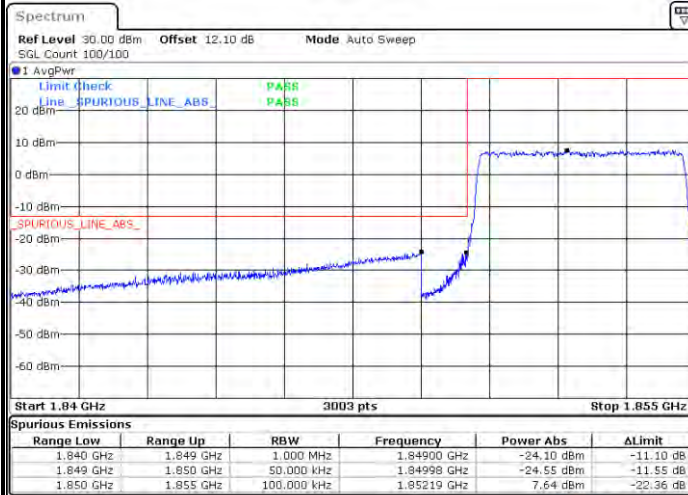
Highest Band Edge / Full RB





LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / Full RB

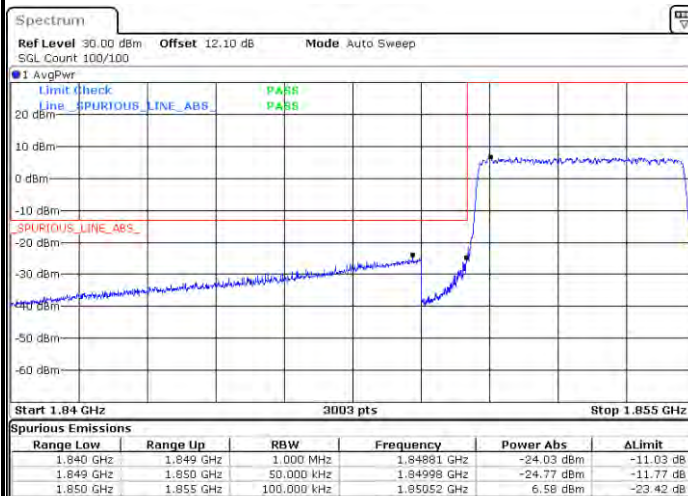


Highest Band Edge / Full RB

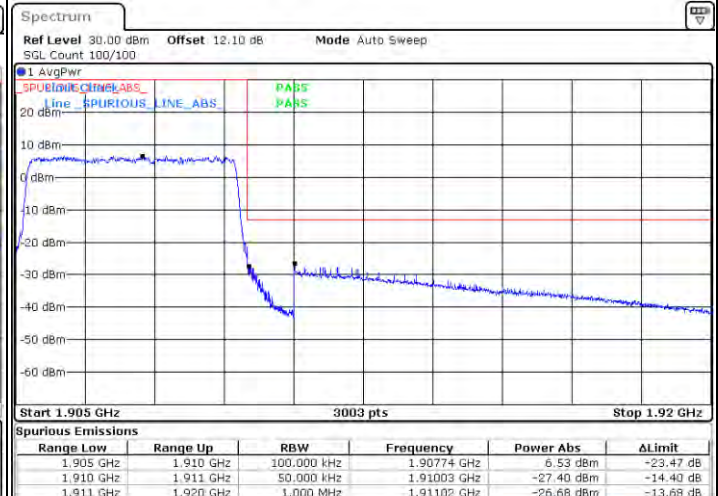


LTE Band 2 / 5MHz / 16QAM

Lowest Band Edge / Full RB



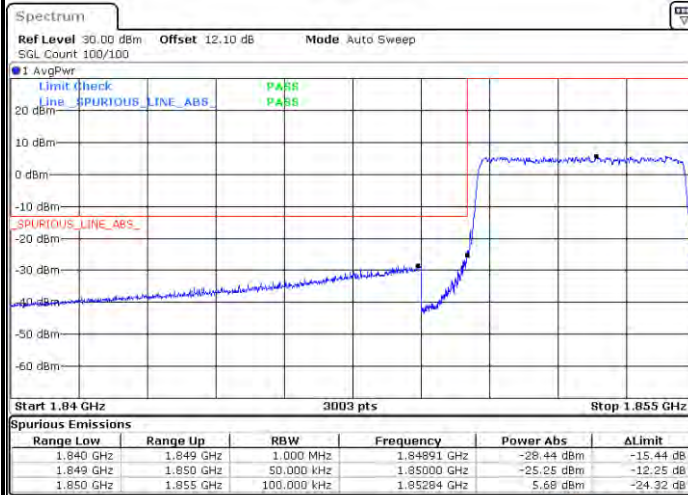
Highest Band Edge / Full RB



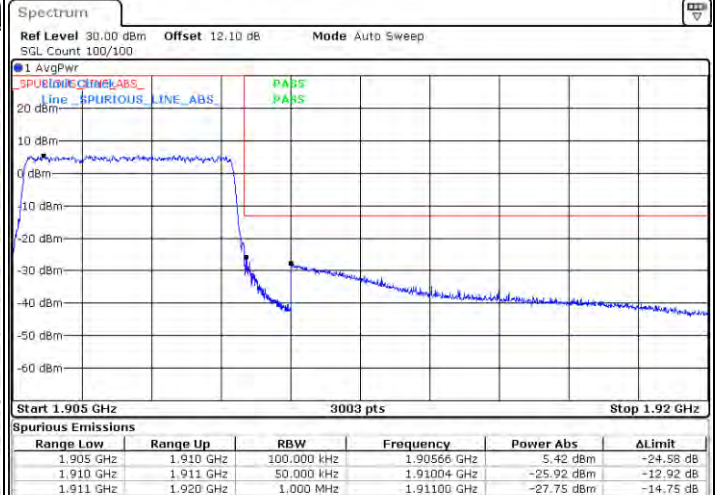


LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / Full RB

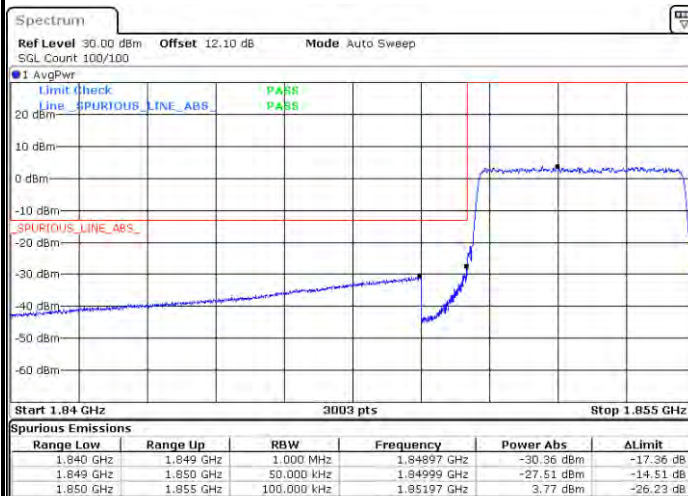


Highest Band Edge / Full RB



LTE Band 2 / 5MHz / 256QAM

Lowest Band Edge / Full RB



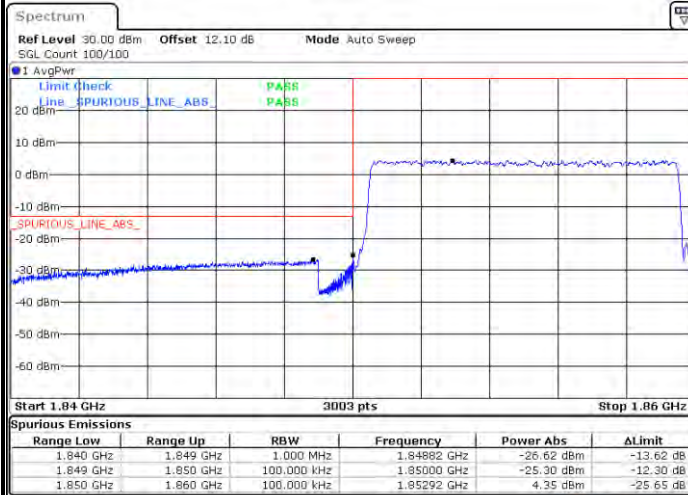
Highest Band Edge / Full RB



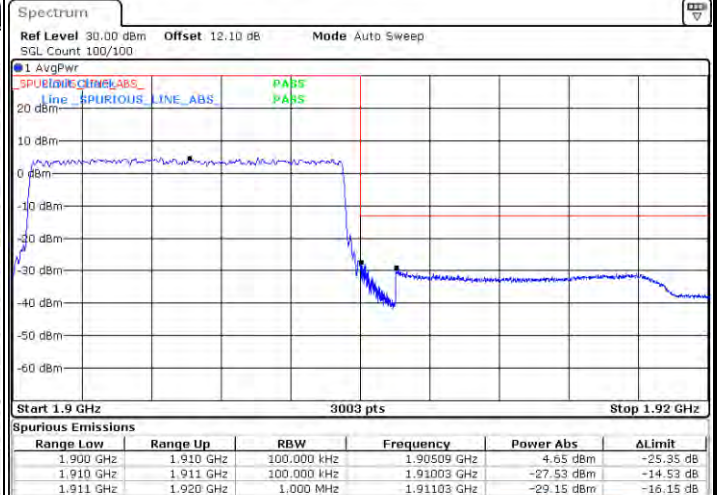


LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / Full RB

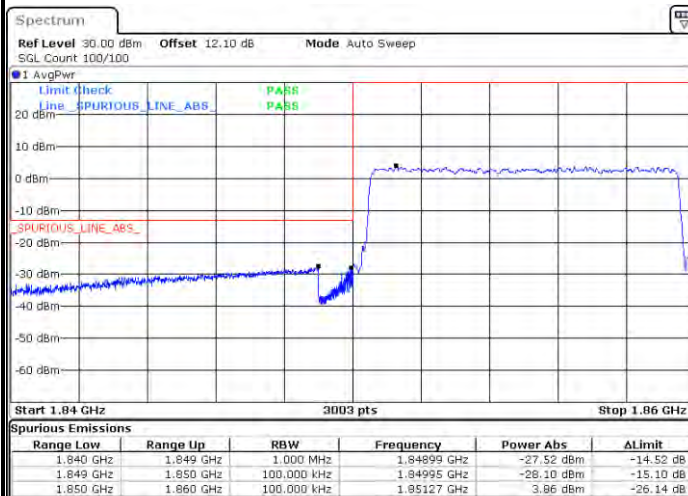


Highest Band Edge / Full RB

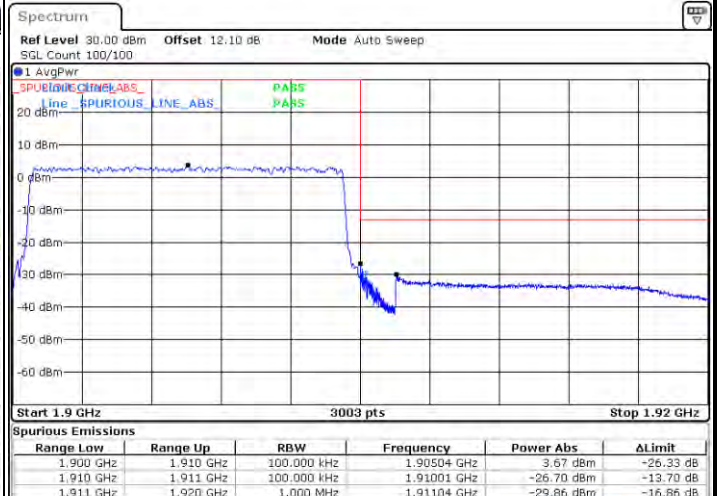


LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / Full RB



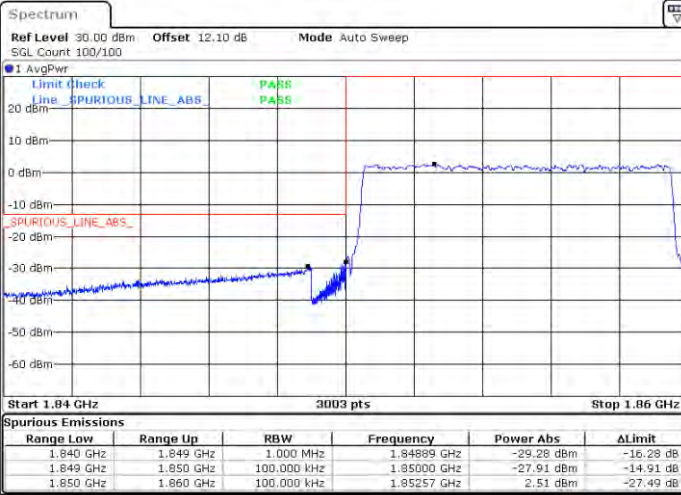
Highest Band Edge / Full RB



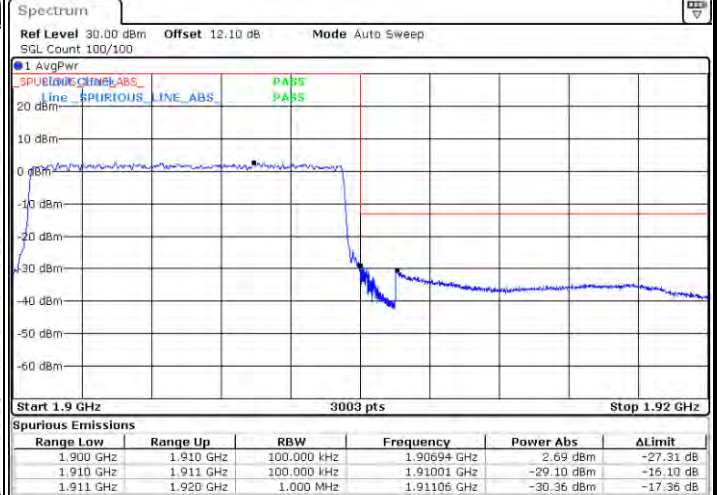


LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / Full RB

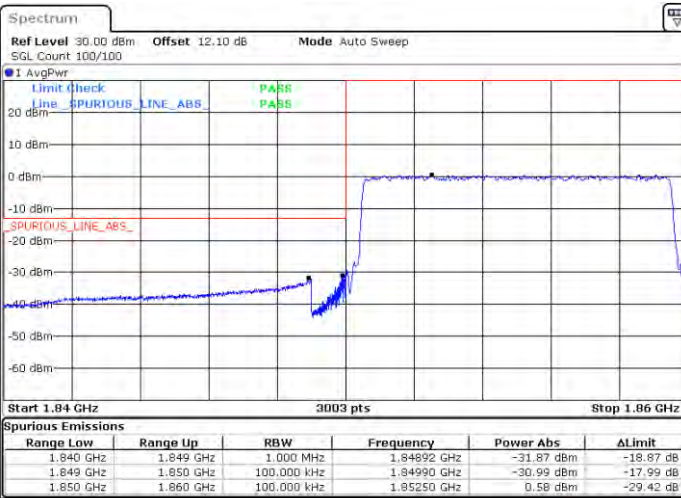


Highest Band Edge / Full RB

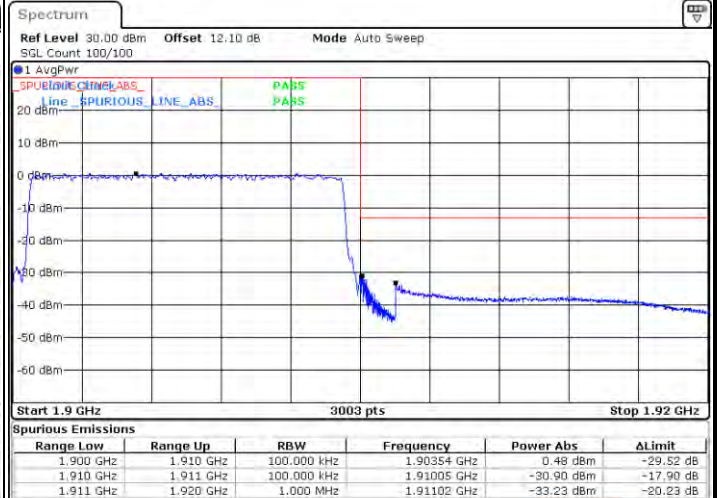


LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / Full RB



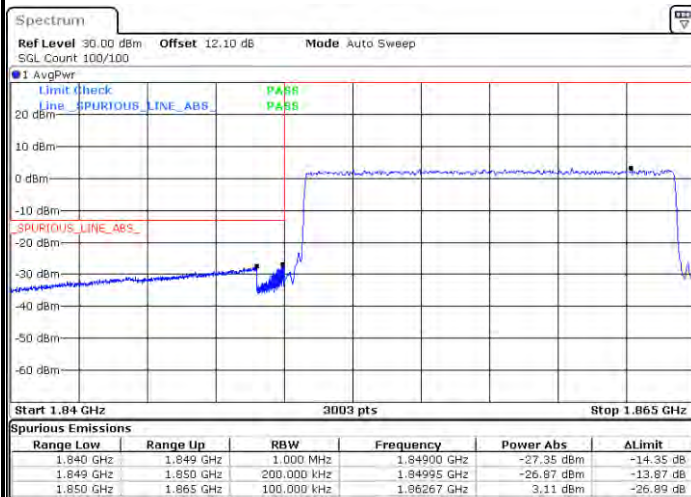
Highest Band Edge / Full RB



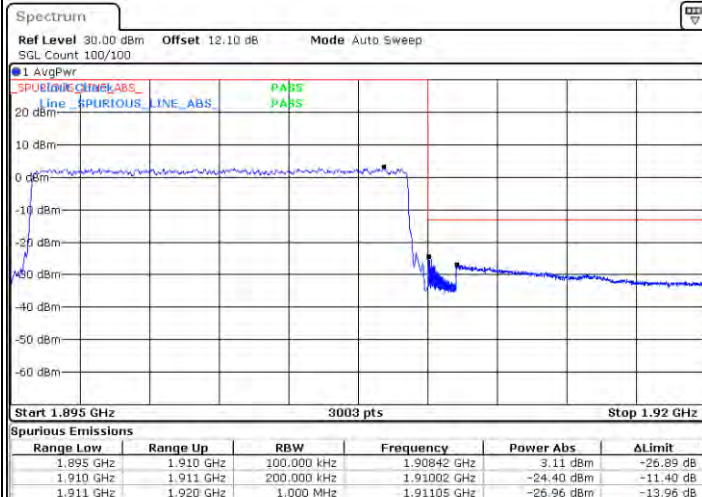


LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / Full RB

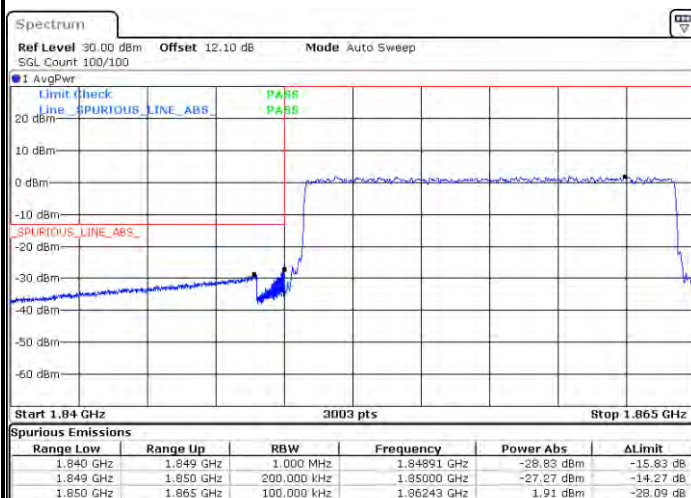


Highest Band Edge / Full RB

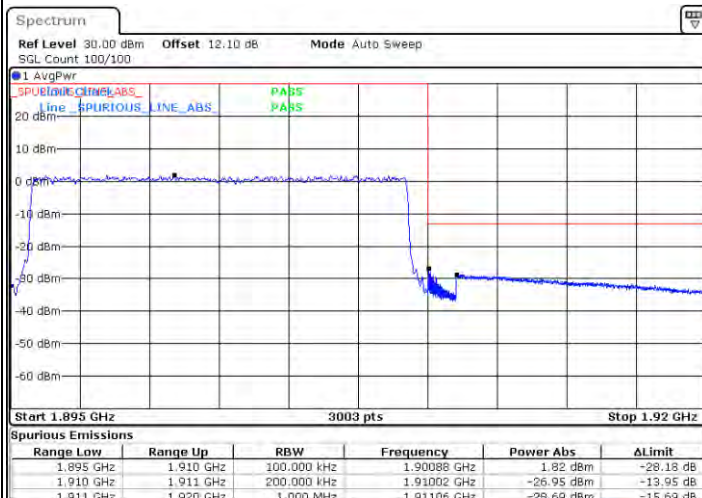


LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / Full RB



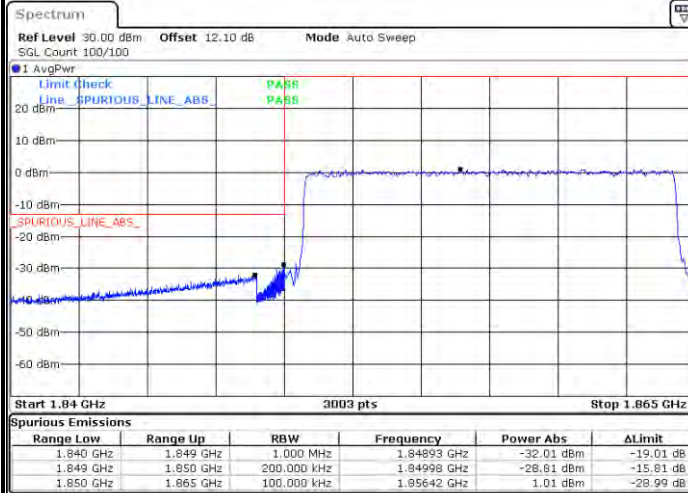
Highest Band Edge / Full RB



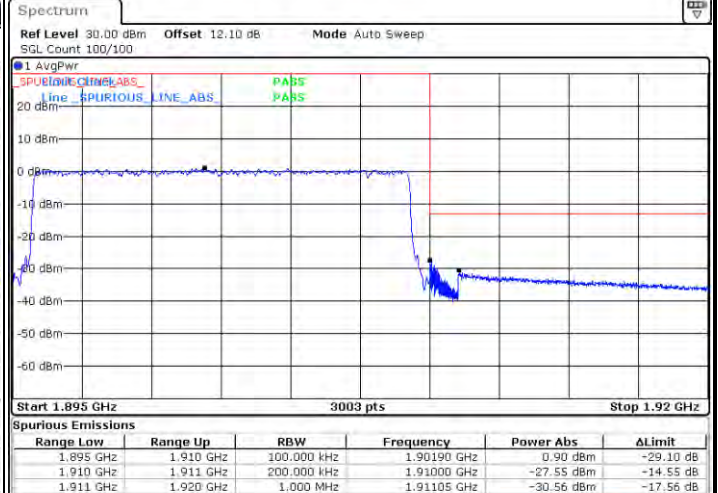


LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / Full RB

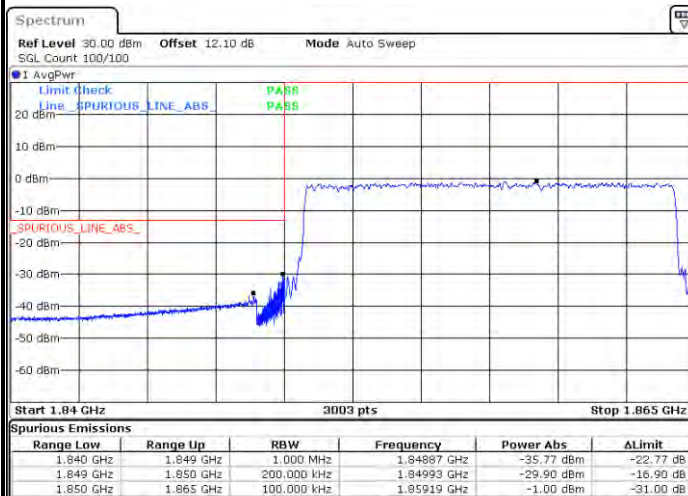


Highest Band Edge / Full RB

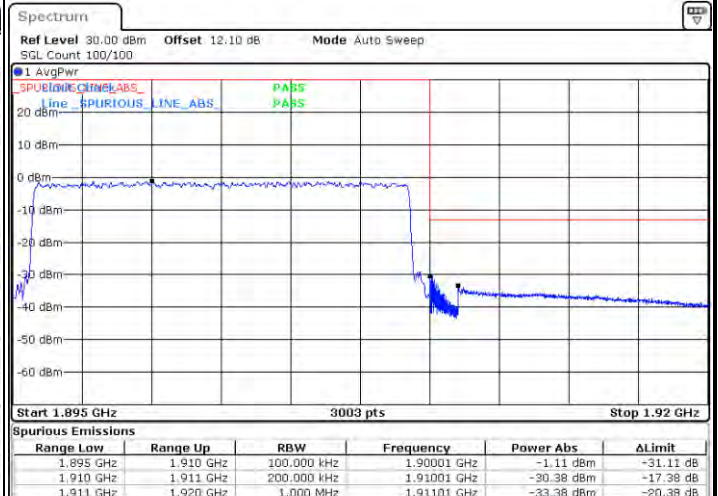


LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / Full RB



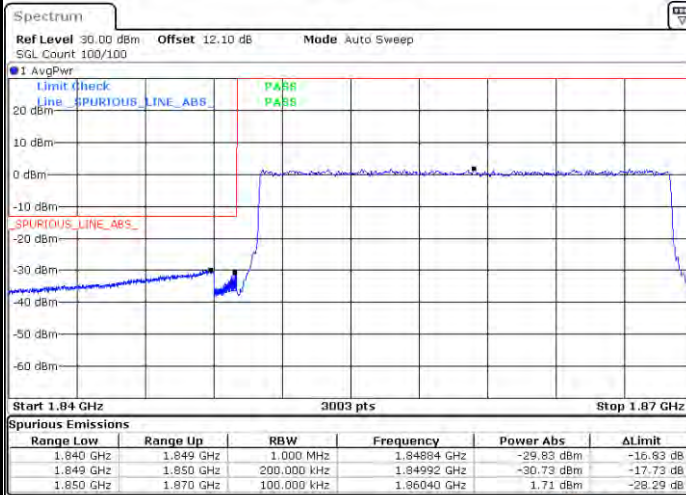
Highest Band Edge / Full RB



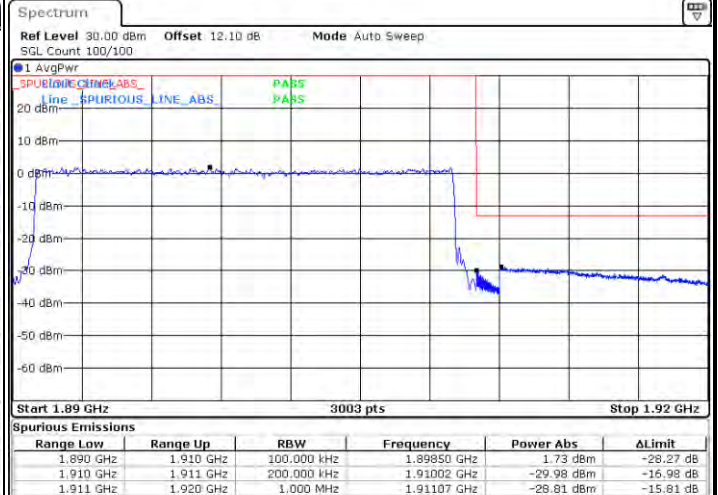


LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / Full RB

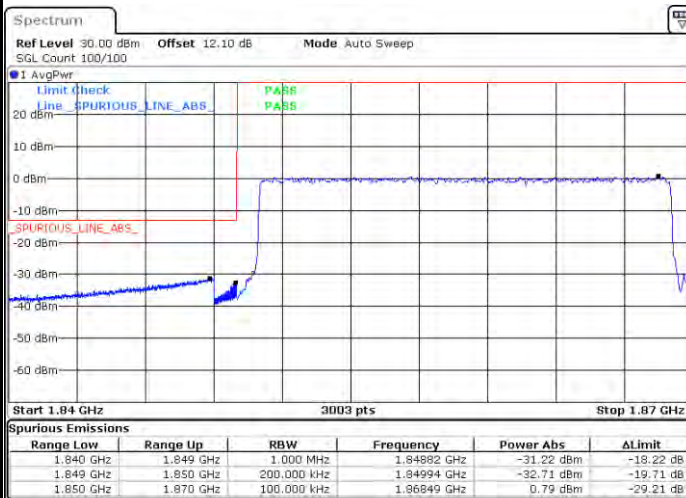


Highest Band Edge / Full RB



LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / Full RB



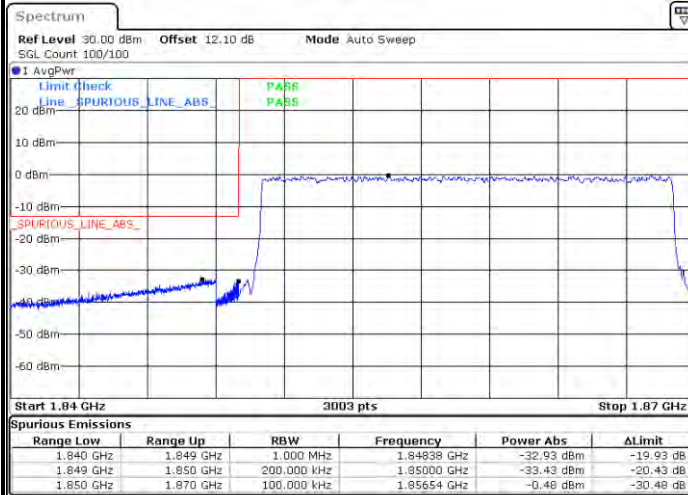
Highest Band Edge / Full RB





LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / Full RB

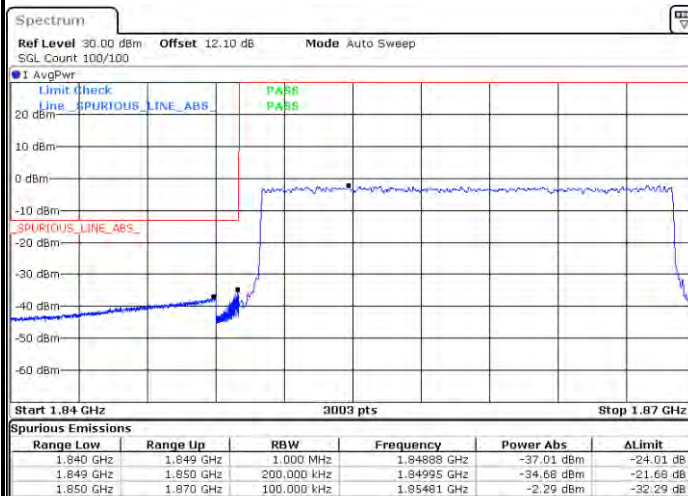


Highest Band Edge / Full RB

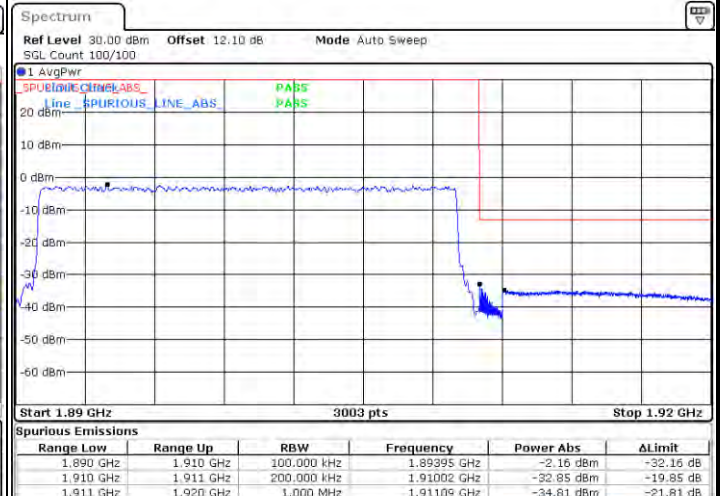


LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

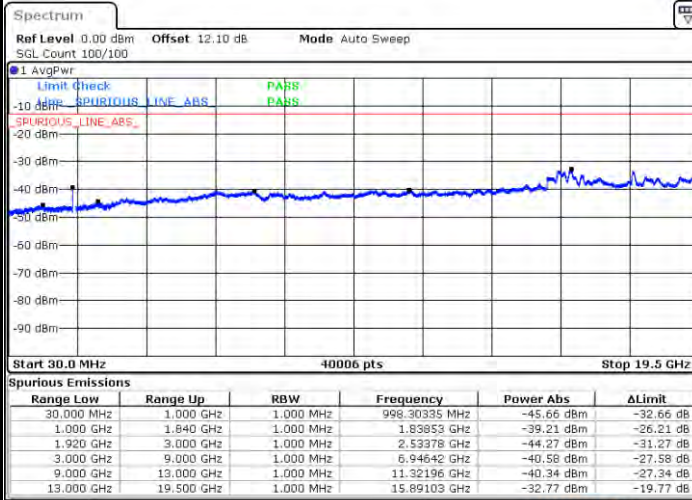




Conducted Spurious Emission

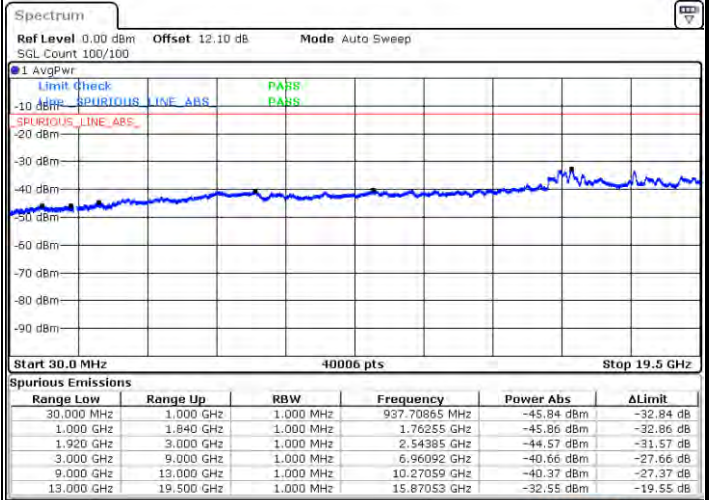
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



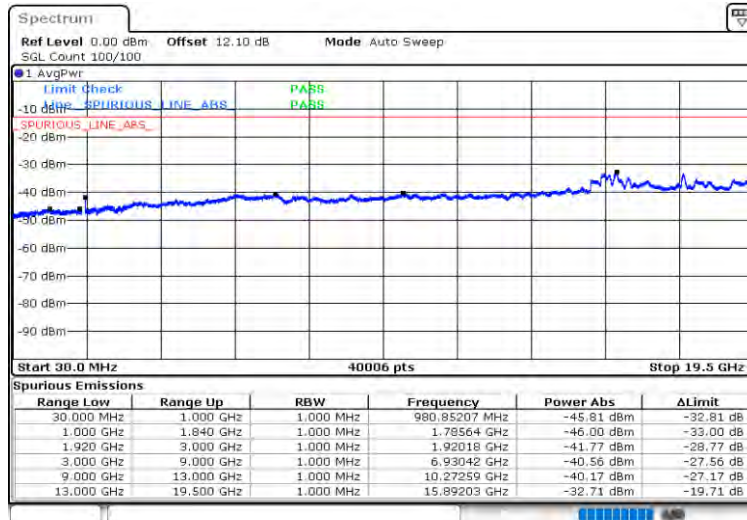
Date: 25.DEC.2024 16:58:21

Middle Channel / QPSK



Date: 25.DEC.2024 17:00:37

Highest Channel / QPSK

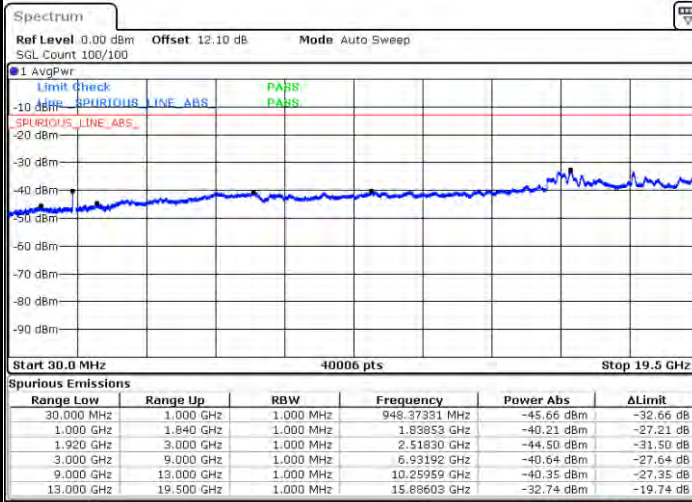


Date: 25.DEC.2024 17:02:54



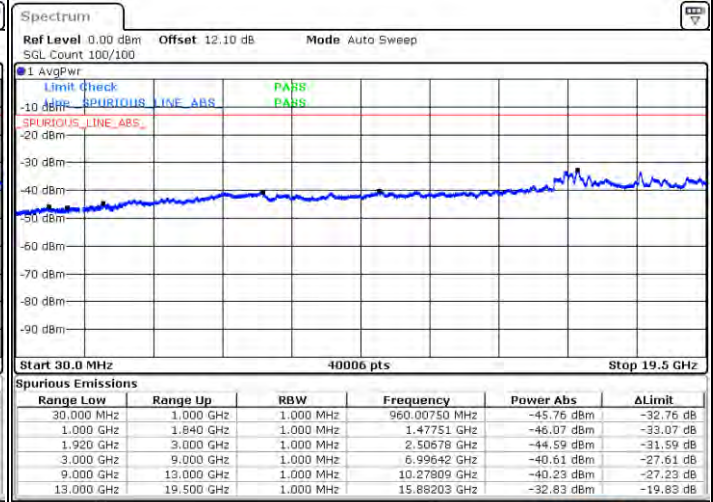
LTE Band 2 / 3MHz

Lowest Channel / QPSK



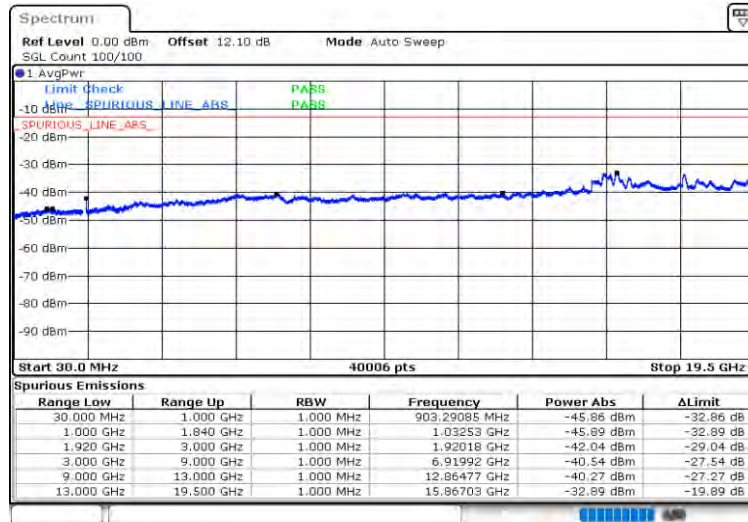
Date: 25.DEC.2024 17:04:55

Middle Channel / QPSK



Date: 25.DEC.2024 17:06:43

Highest Channel / QPSK

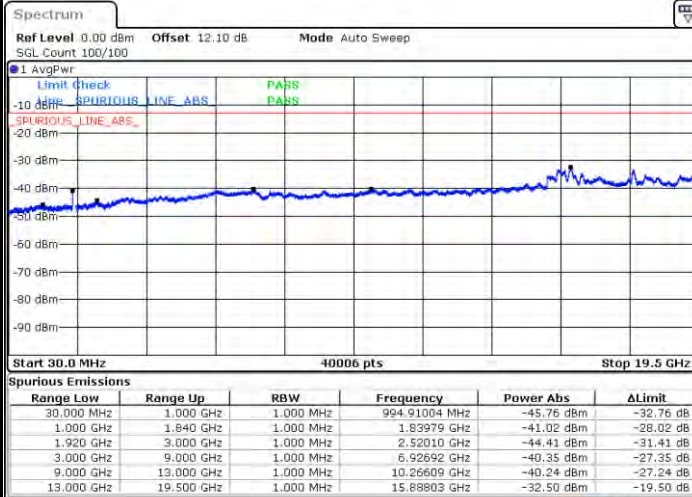


Date: 25.DEC.2024 17:08:32



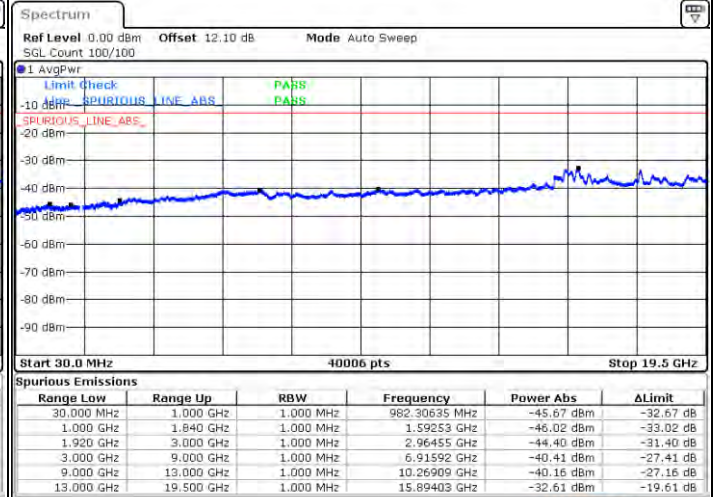
LTE Band 2 / 5MHz

Lowest Channel / QPSK



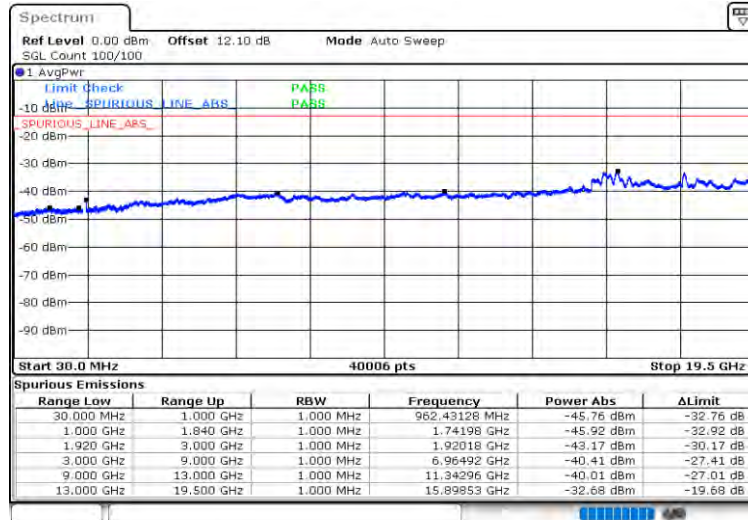
Date: 25.DEC.2024 17:10:53

Middle Channel / QPSK



Date: 25.DEC.2024 17:12:34

Highest Channel / QPSK

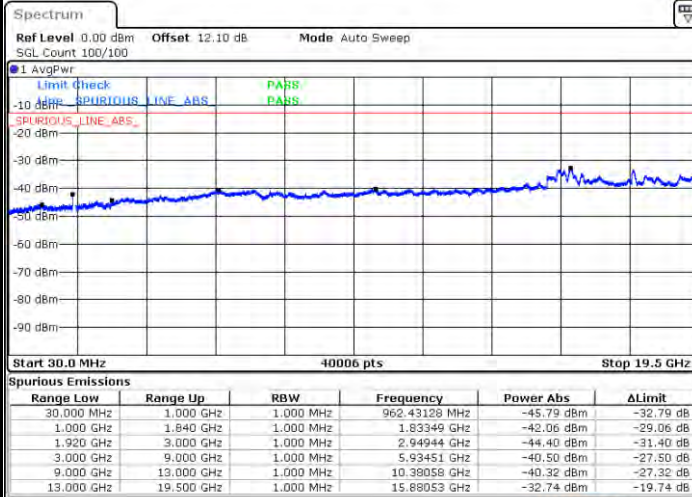


Date: 25.DEC.2024 17:15:00



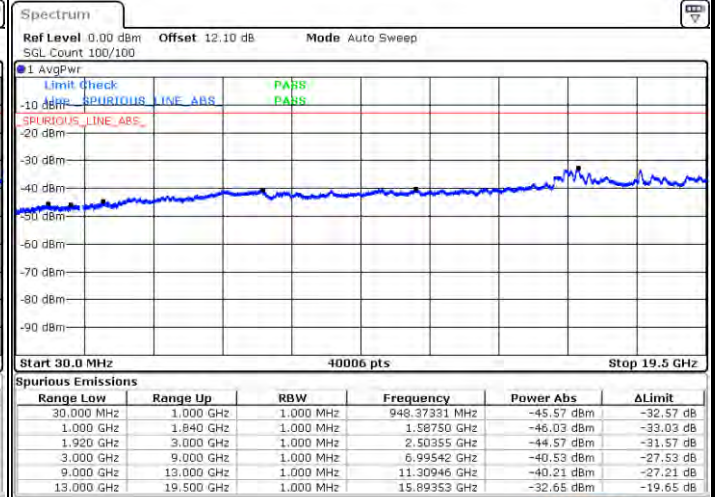
LTE Band 2 / 10MHz

Lowest Channel / QPSK



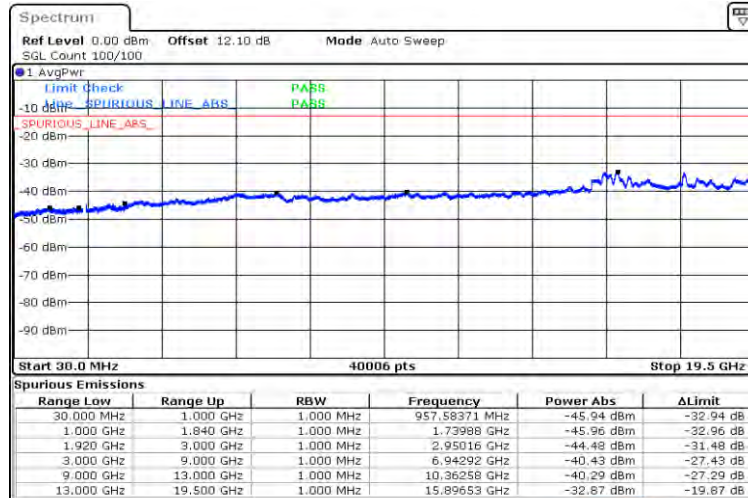
Date: 25.DEC.2024 17:17:02

Middle Channel / QPSK



Date: 25.DEC.2024 17:16:07

Highest Channel / QPSK

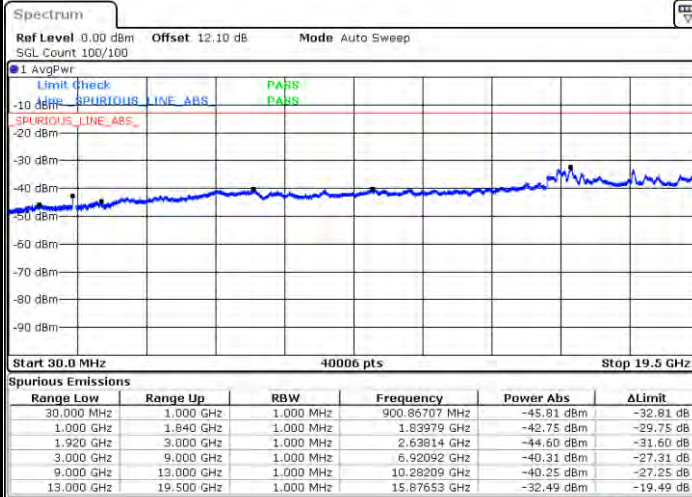


Date: 25.DEC.2024 17:21:05



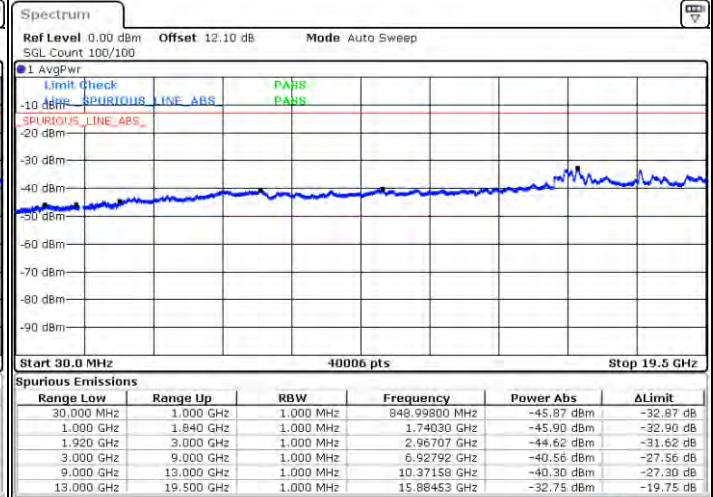
LTE Band 2 / 15MHz

Lowest Channel / QPSK



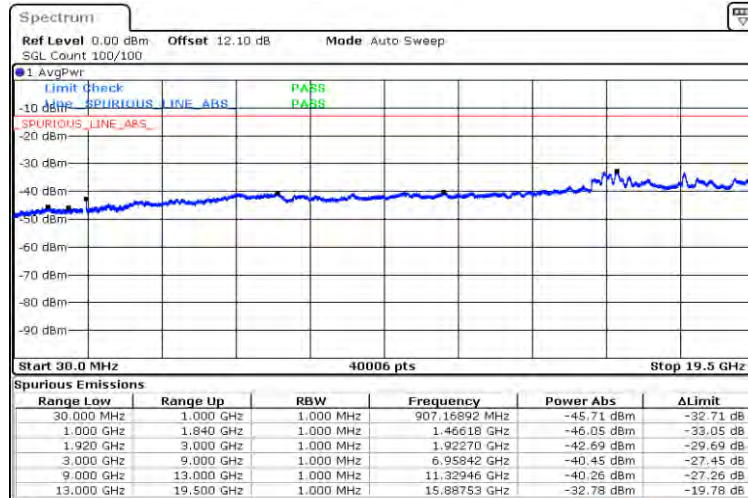
Date: 25.DEC.2024 17:23:06

Middle Channel / QPSK



Date: 25.DEC.2024 17:25:25

Highest Channel / QPSK

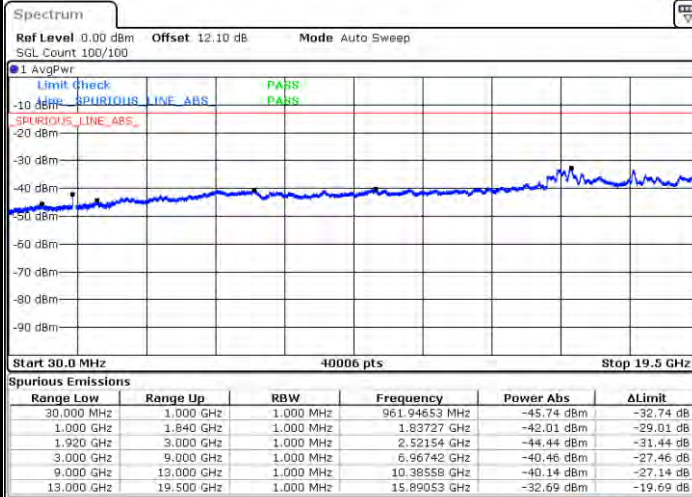


Date: 25.DEC.2024 17:27:39



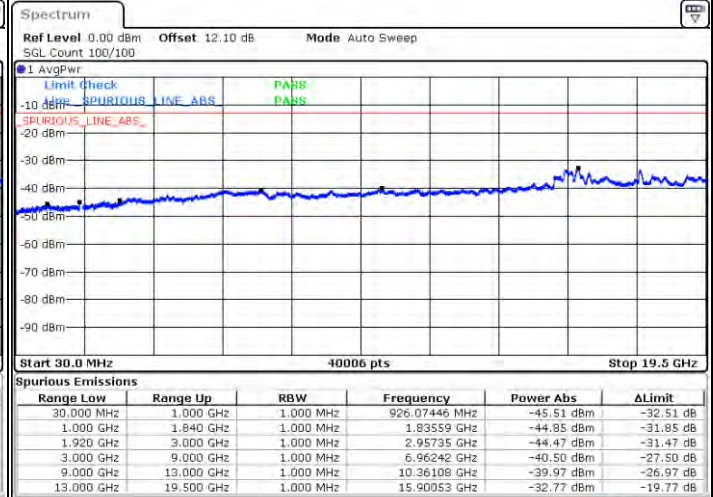
LTE Band 2 / 20MHz

Lowest Channel / QPSK



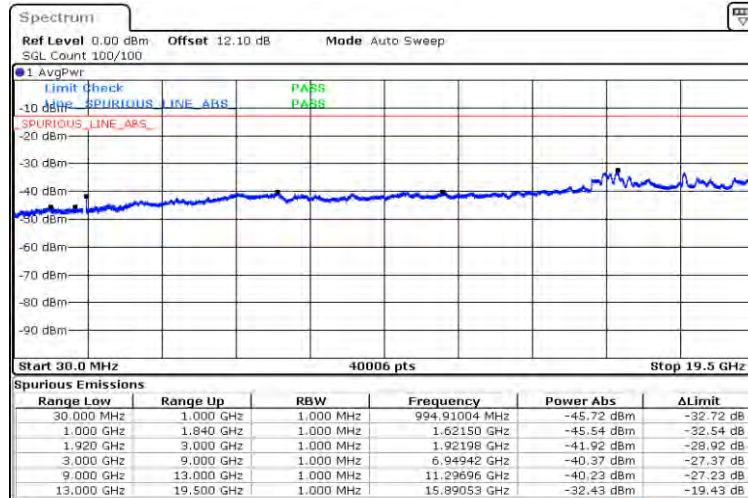
Date: 25.DEC.2024 17:28:41

Middle Channel / QPSK



Date: 25.DEC.2024 17:31:20

Highest Channel / QPSK



Date: 25.DEC.2024 17:32:41

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0021	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0012	

Note:

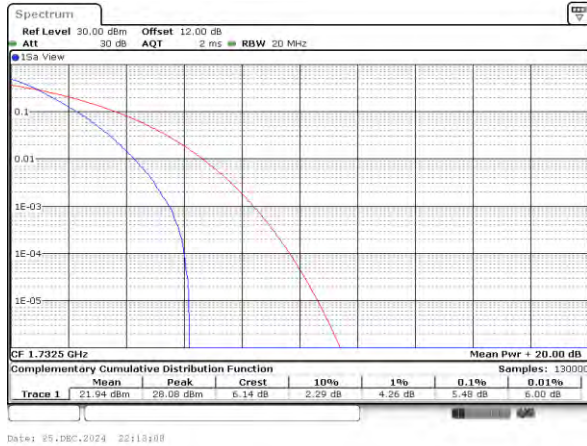
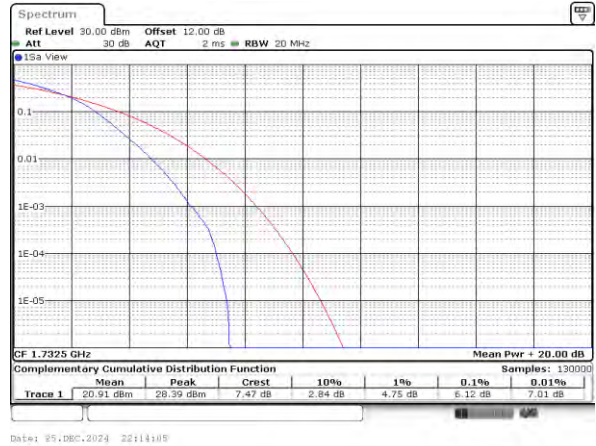
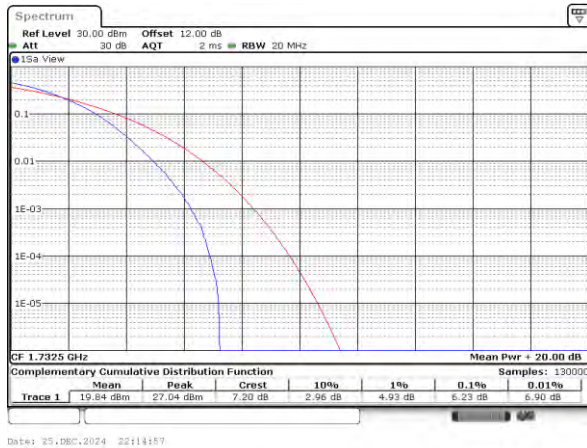
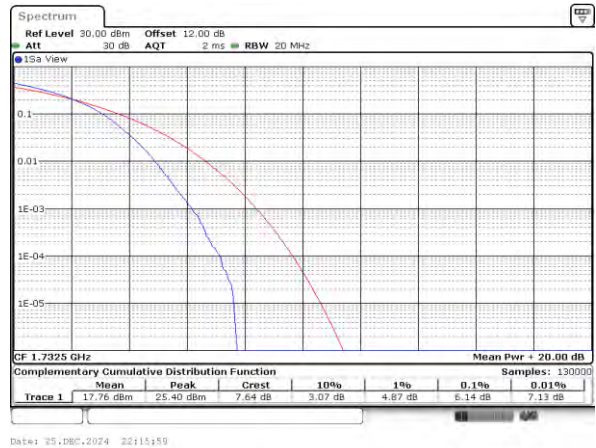
1. Normal Voltage = 3.89 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 4

Peak-to-Average Ratio

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.48	6.12	6.23	6.14	PASS

LTE Band 4 / 20MHz / QPSK
Middle Channel / Full RB

LTE Band 4 / 20MHz / 16QAM
Middle Channel / Full RB

LTE Band 4 / 20MHz / 64QAM
Middle Channel / Full RB

LTE Band 4 / 20MHz / 256QAM
Middle Channel / Full RB


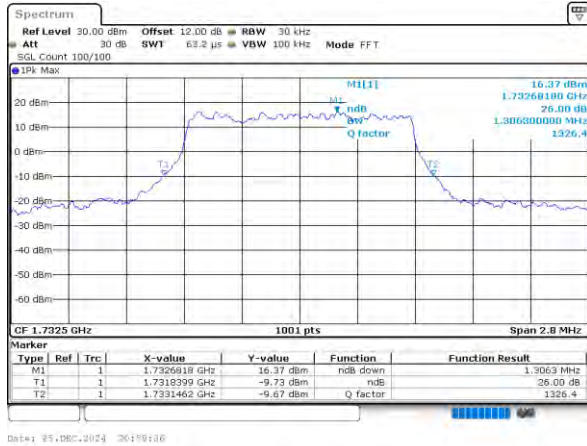
**26dB Bandwidth**

Mode	LTE Band 4 : 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	1.30	1.28	3.05	3.17	5.15	5.10	9.71	9.71	14.59	14.80	19.90	19.54
Mode	LTE Band 4 : 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	1.28	1.27	3.05	3.09	5.16	5.06	9.69	9.71	14.98	14.59	18.94	18.82

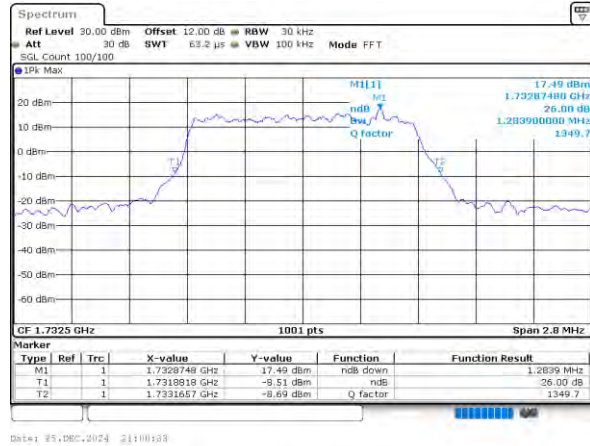


LTE Band 4

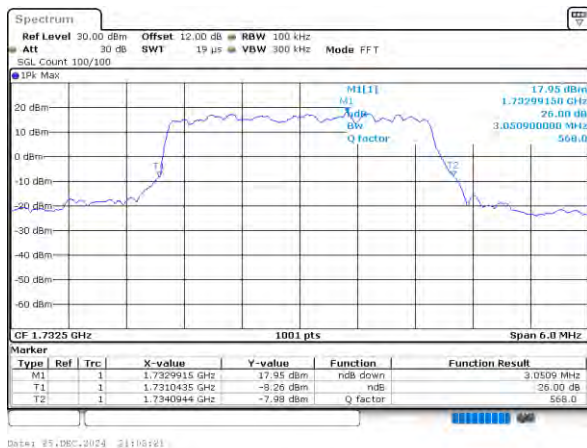
Middle Channel / 1.4MHz / QPSK



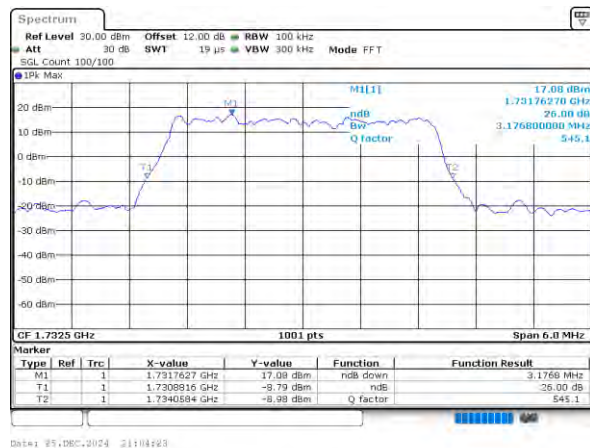
Middle Channel / 1.4MHz / 16QAM



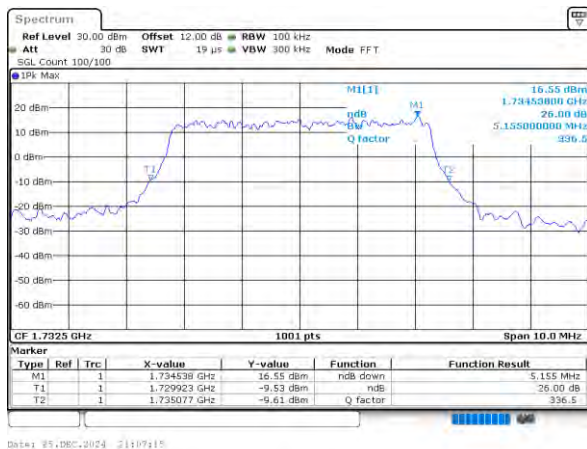
Middle Channel / 3MHz / QPSK



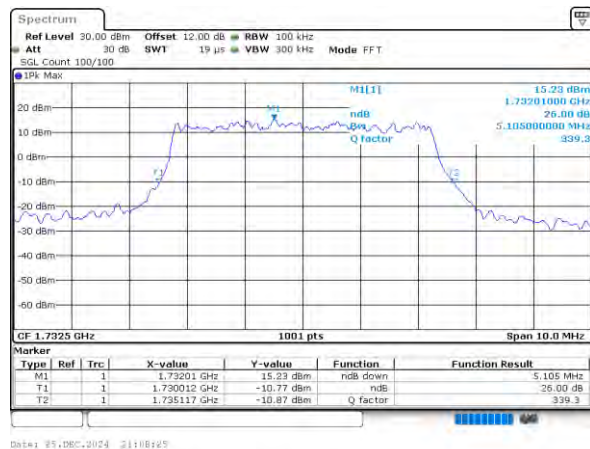
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



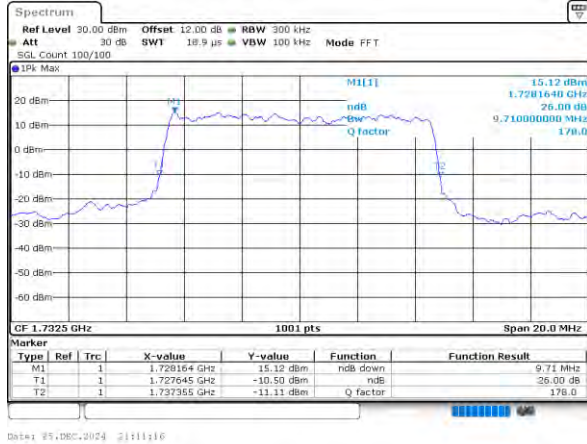
Middle Channel / 5MHz / 16QAM



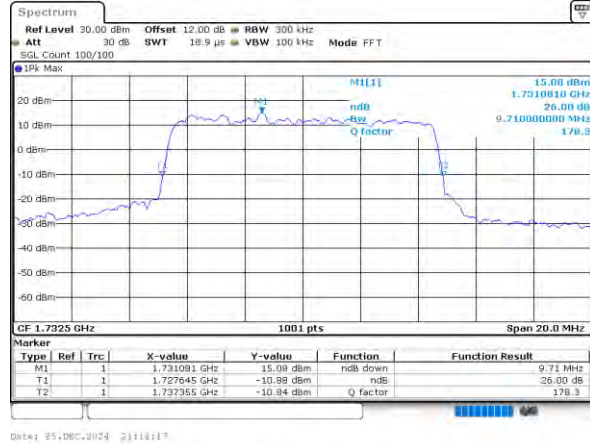


LTE Band 4

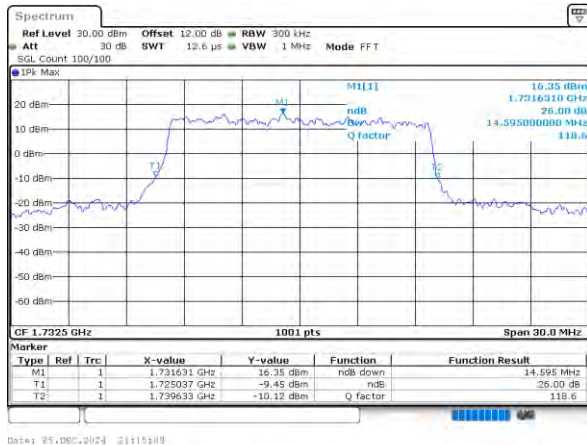
Middle Channel / 10MHz / QPSK



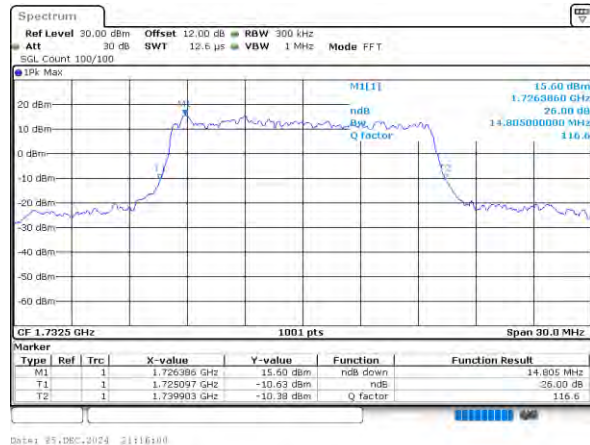
Middle Channel / 10MHz / 16QAM



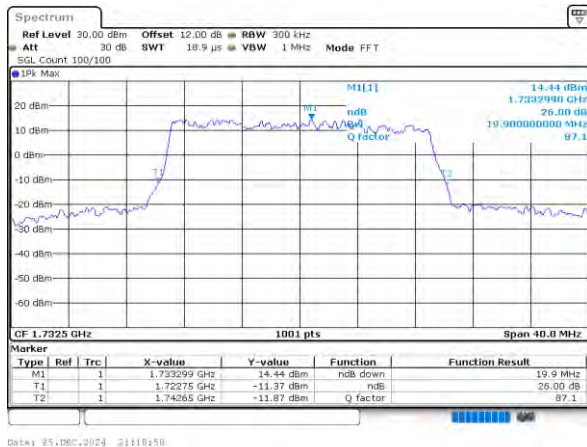
Middle Channel / 15MHz / QPSK



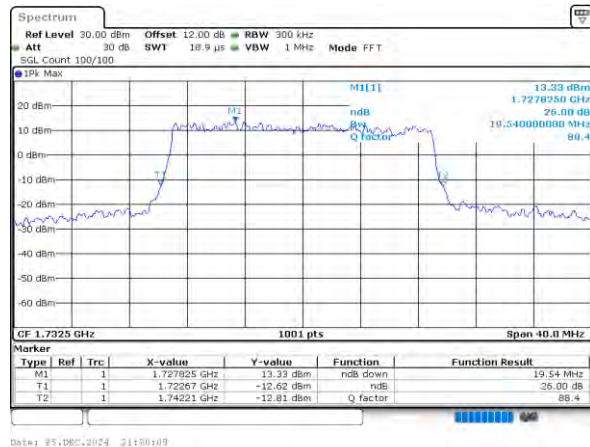
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



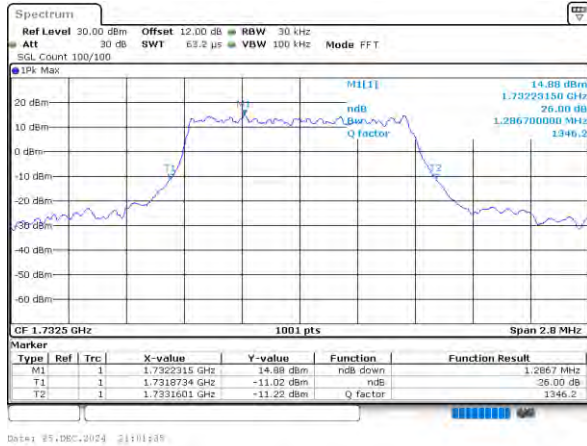
Middle Channel / 20MHz / 16QAM



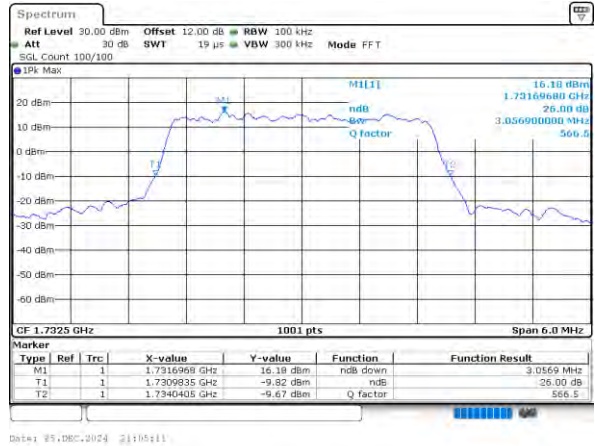


LTE Band 4

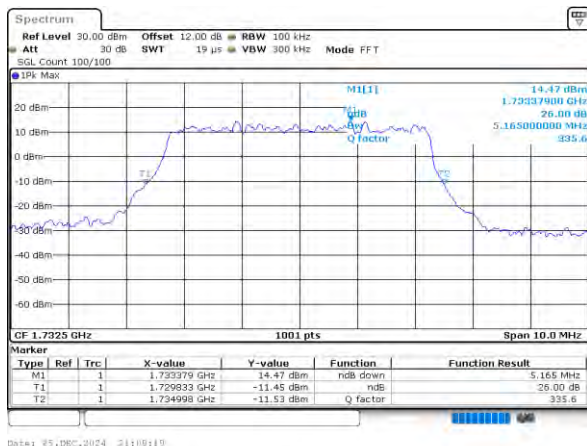
Middle Channel / 1.4MHz / 64QAM



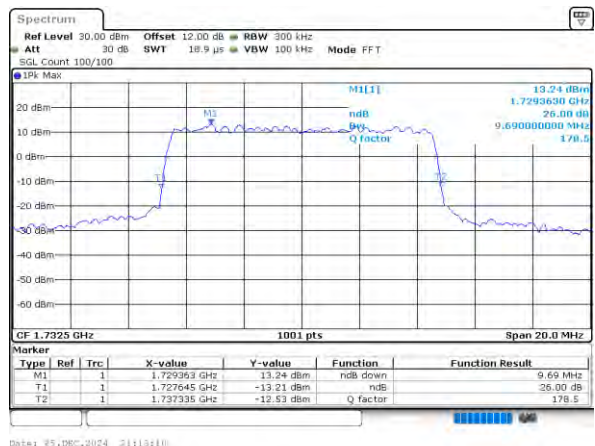
Middle Channel / 3MHz / 64QAM



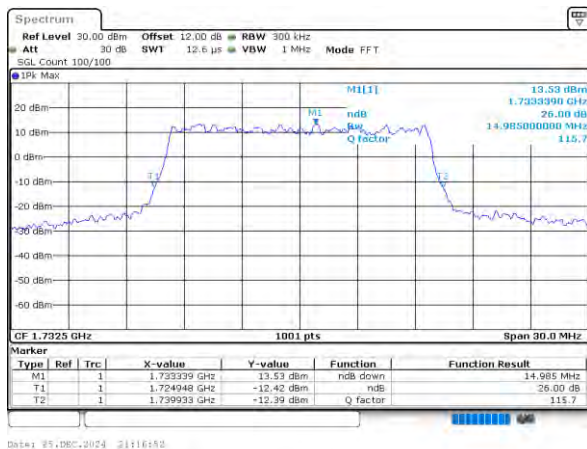
Middle Channel / 5MHz / 64QAM



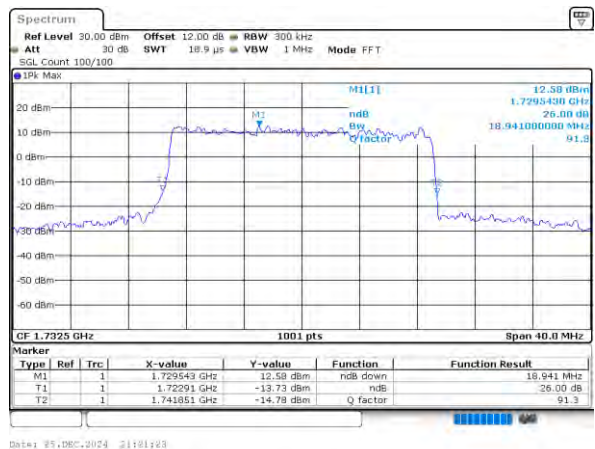
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



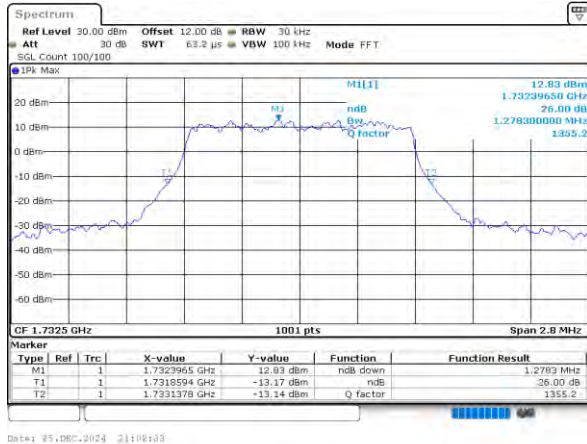
Middle Channel / 20MHz / 64QAM



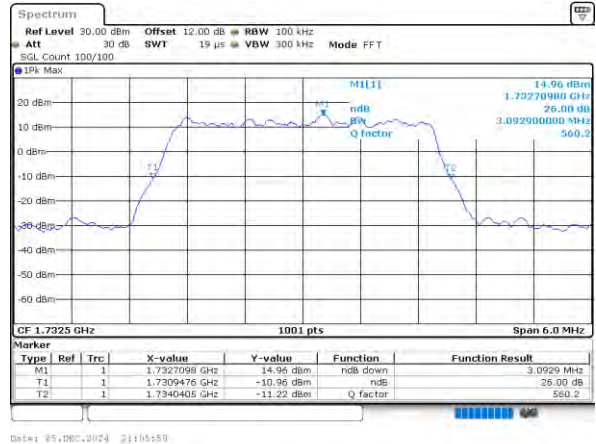


LTE Band 4

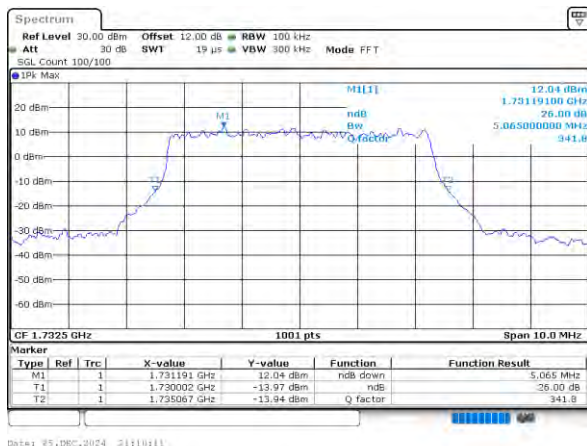
Middle Channel / 1.4MHz / 256QAM



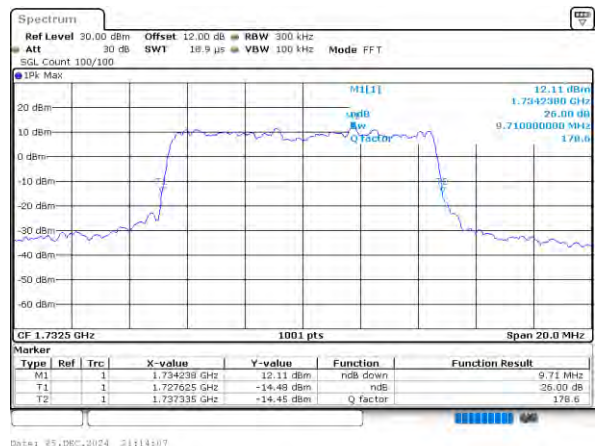
Middle Channel / 3MHz / 256QAM



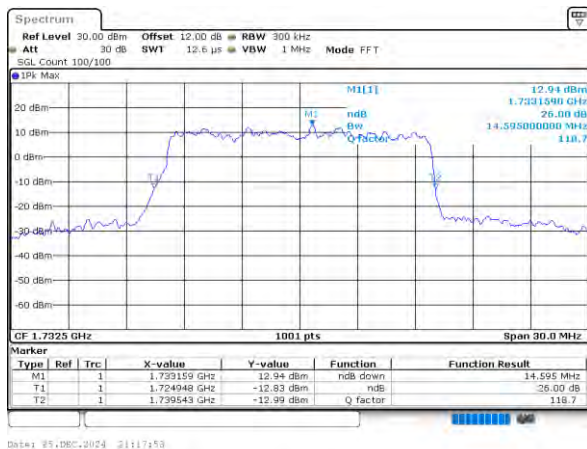
Middle Channel / 5MHz / 256QAM



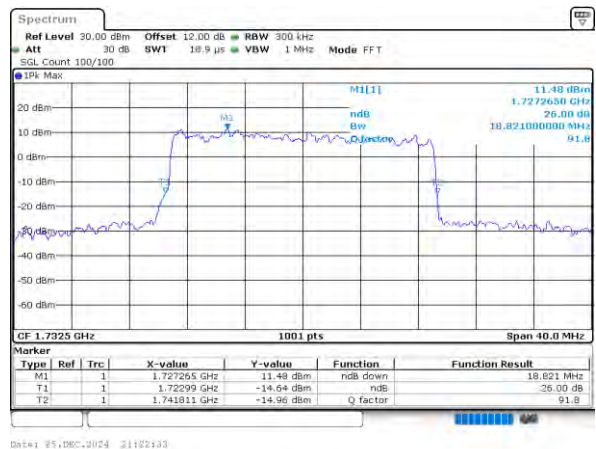
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



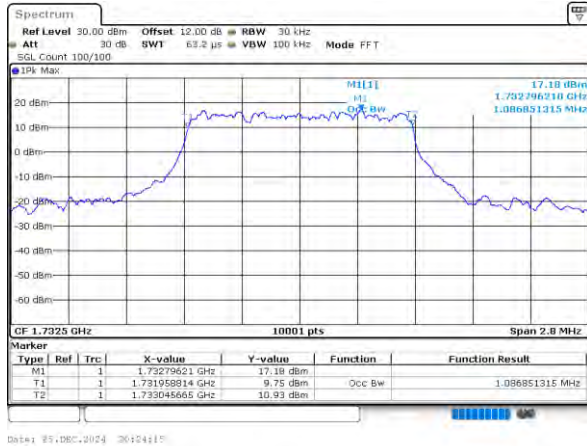
**Occupied Bandwidth**

Mode	LTE Band 4 : 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	1.08	1.09	2.72	2.73	4.49	4.48	9.04	9.00	13.44	13.49	17.95	17.88
Mode	LTE Band 4 : 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	1.11	1.08	2.72	2.73	4.49	4.48	9.11	9.05	13.38	13.43	17.83	17.83

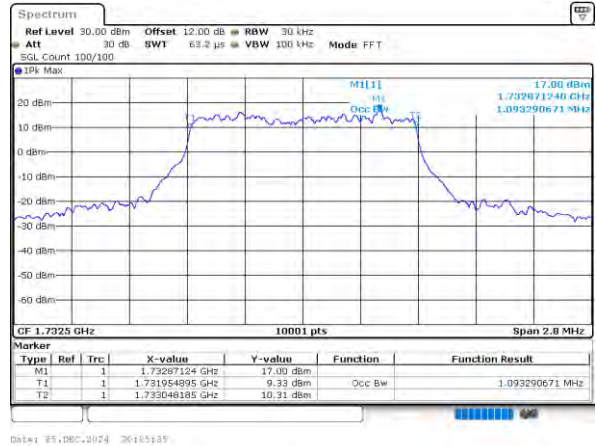


LTE Band 4

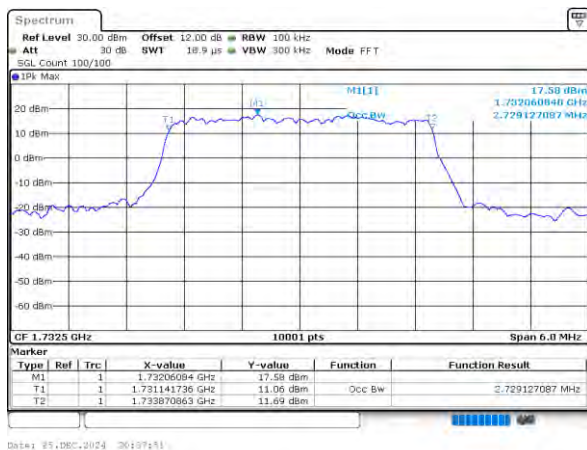
Middle Channel / 1.4MHz / QPSK



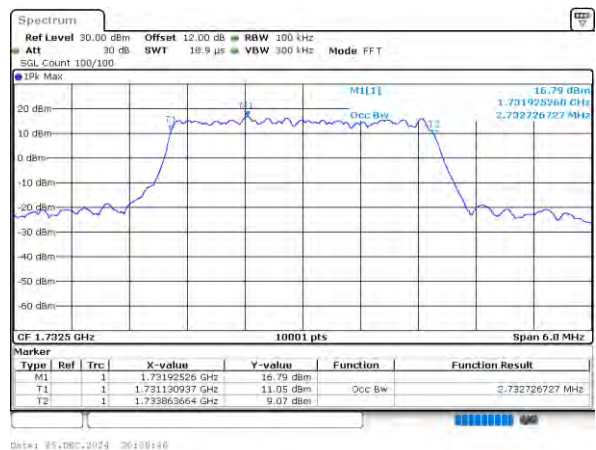
Middle Channel / 1.4MHz / 16QAM



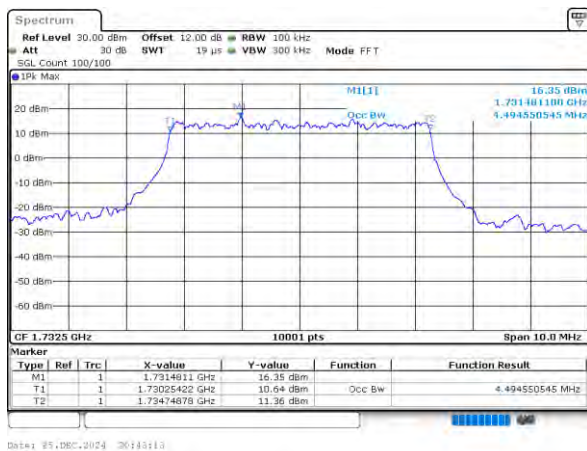
Middle Channel / 3MHz / QPSK



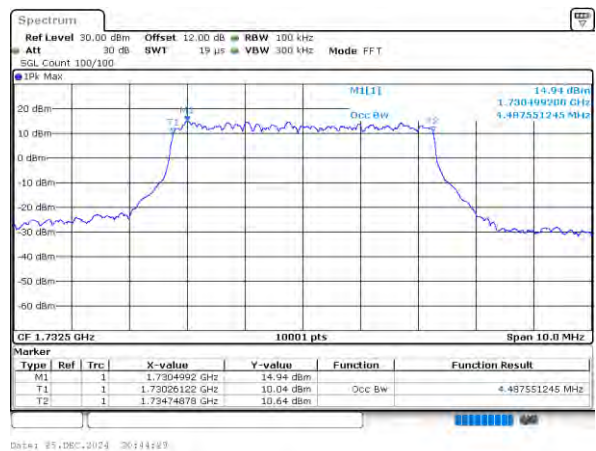
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



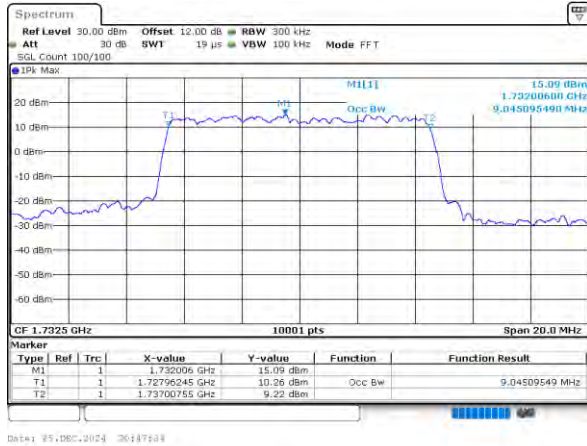
Middle Channel / 5MHz / 16QAM



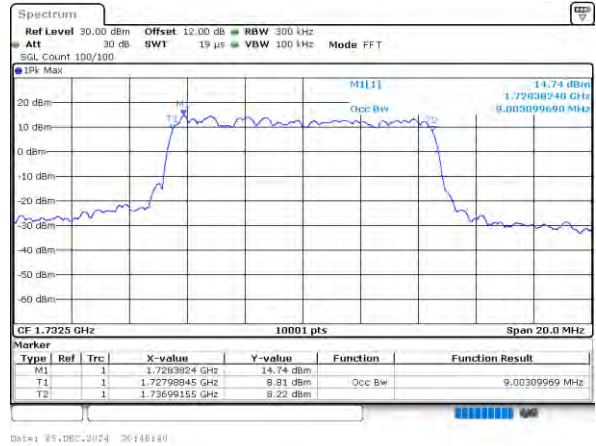


LTE Band 4

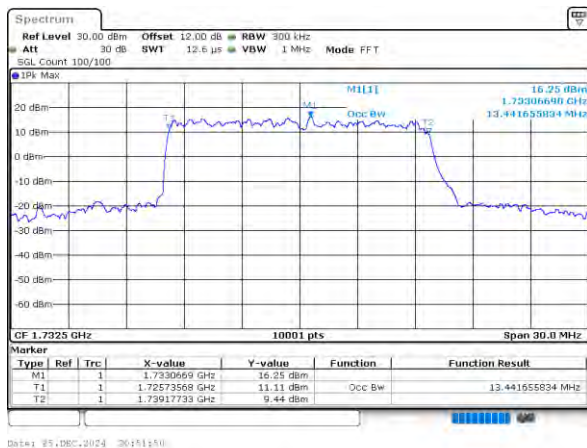
Middle Channel / 10MHz / QPSK



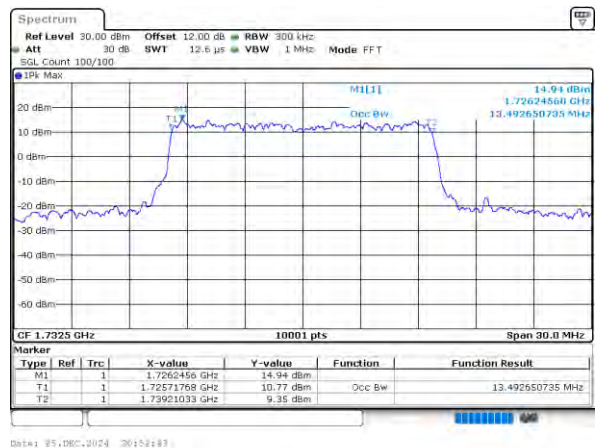
Middle Channel / 10MHz / 16QAM



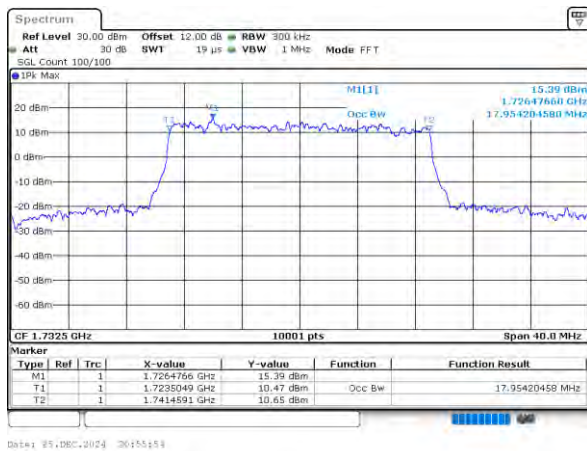
Middle Channel / 15MHz / QPSK



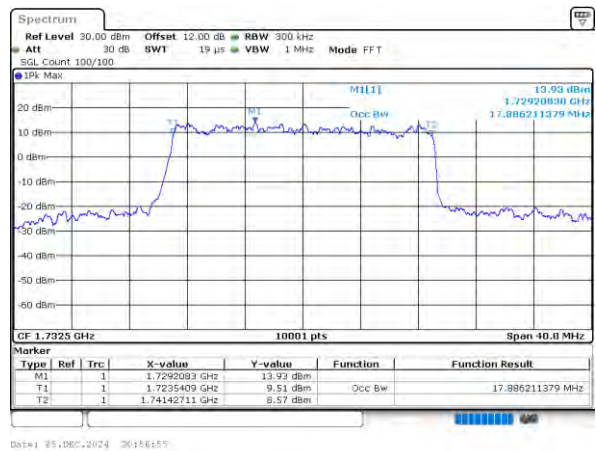
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



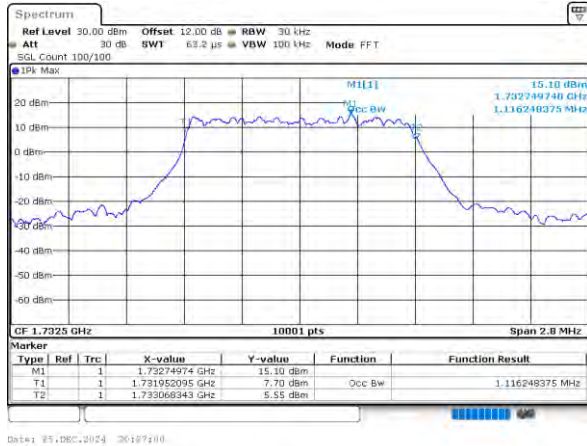
Middle Channel / 20MHz / 16QAM



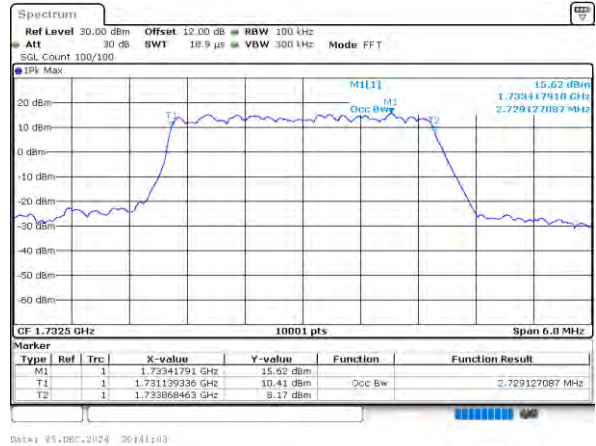


LTE Band 4

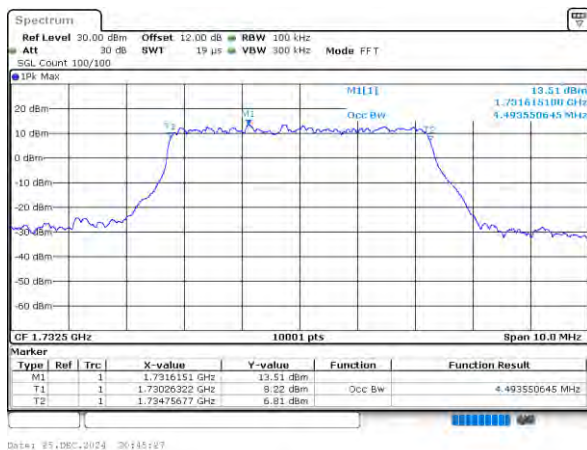
Middle Channel / 1.4MHz / 64QAM



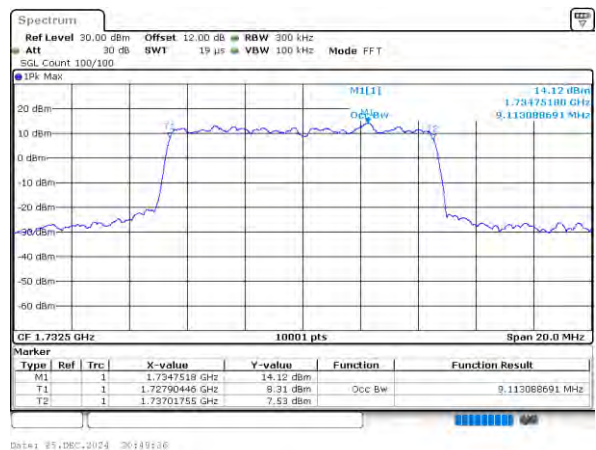
Middle Channel / 3MHz / 64QAM



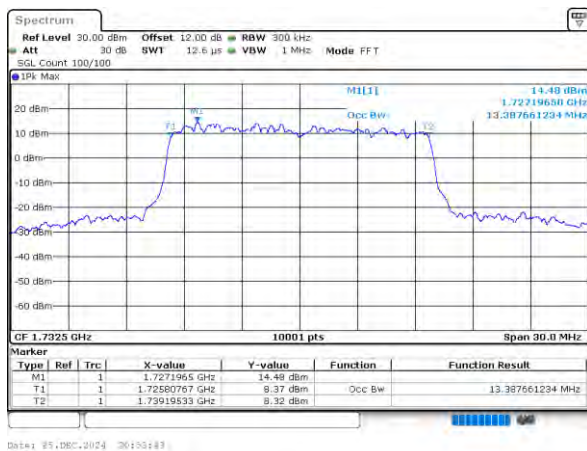
Middle Channel / 5MHz / 64QAM



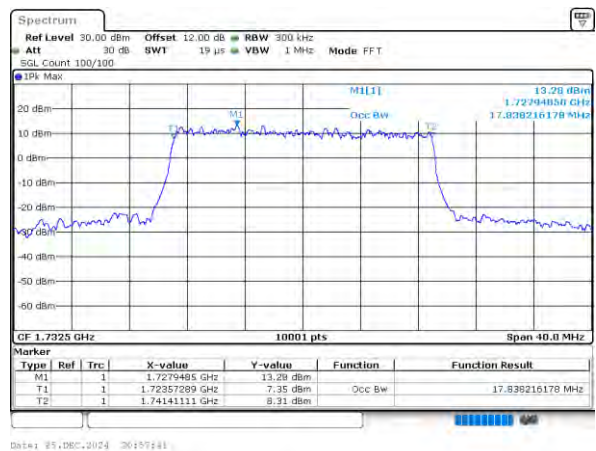
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



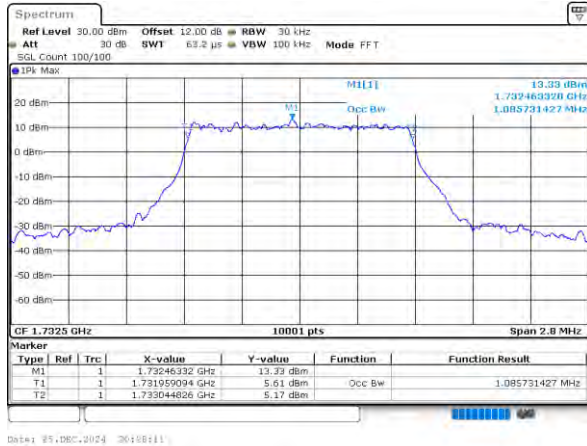
Middle Channel / 20MHz / 64QAM



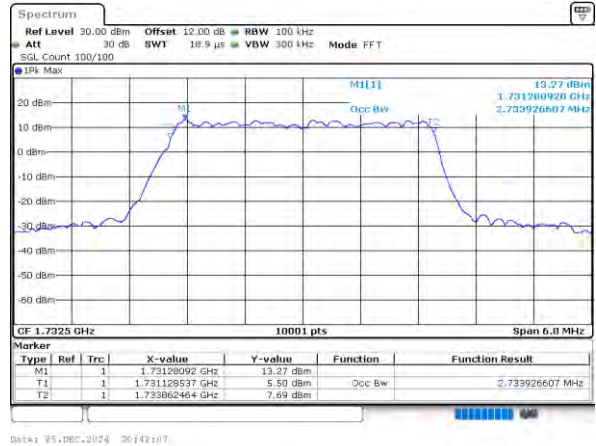


LTE Band 4

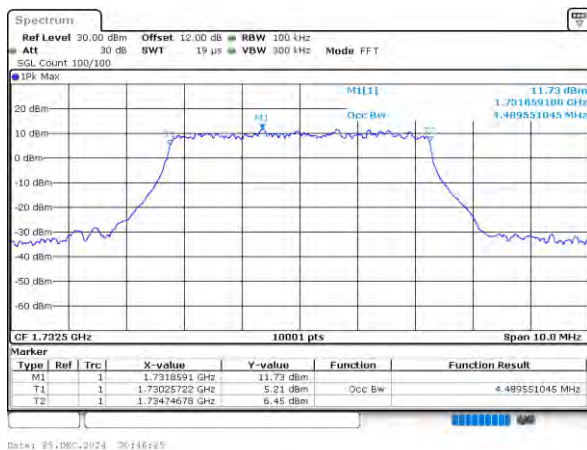
Middle Channel / 1.4MHz / 256QAM



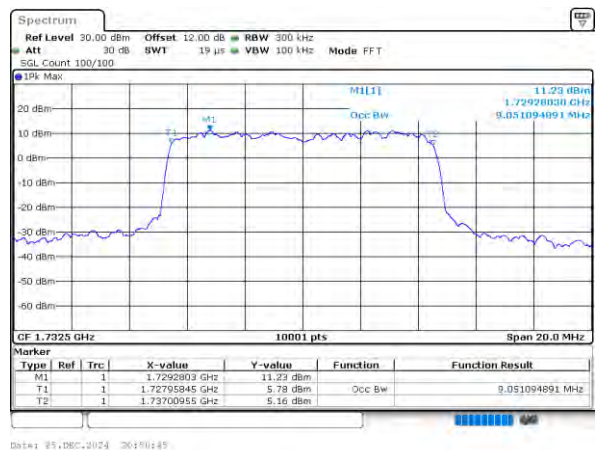
Middle Channel / 3MHz / 256QAM



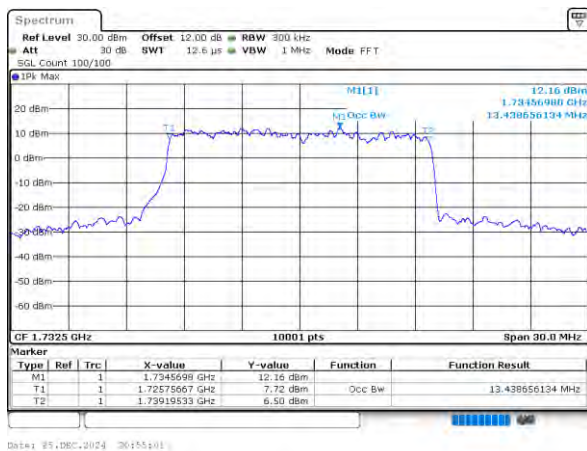
Middle Channel / 5MHz / 256QAM



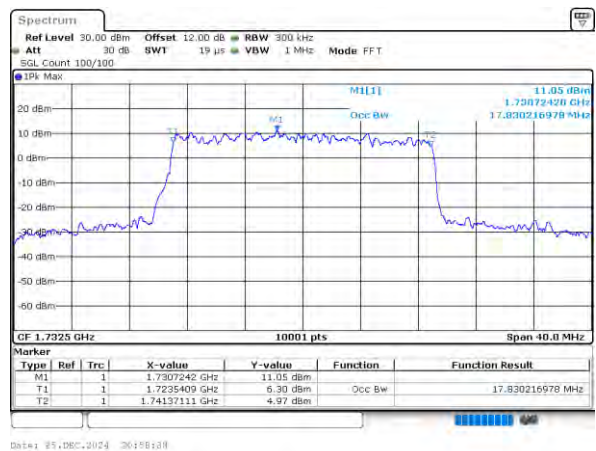
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

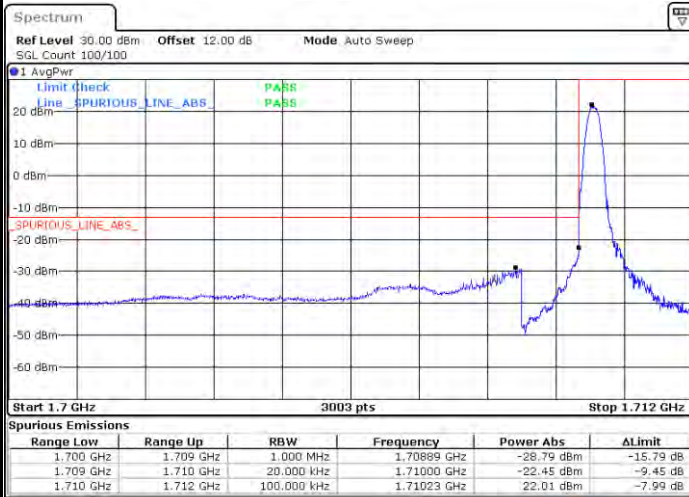




Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

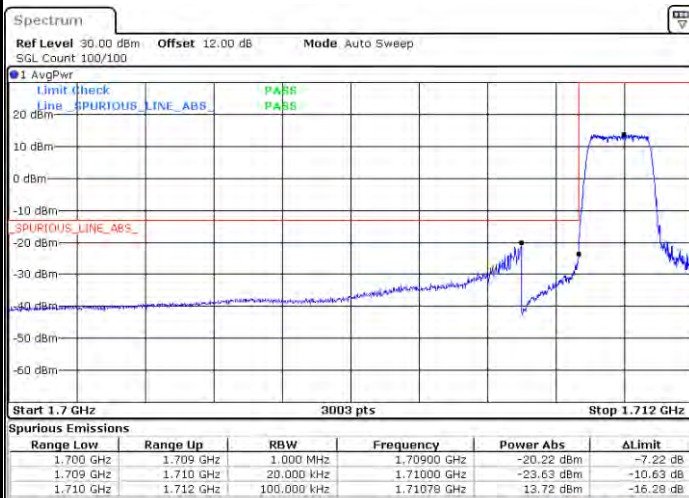
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



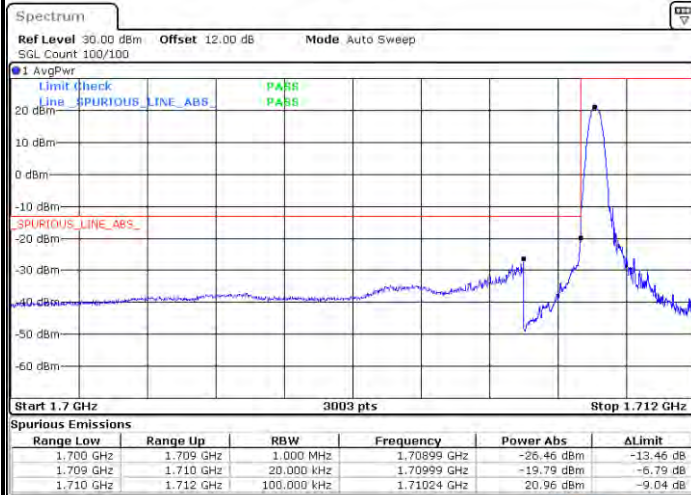
Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 16QAM

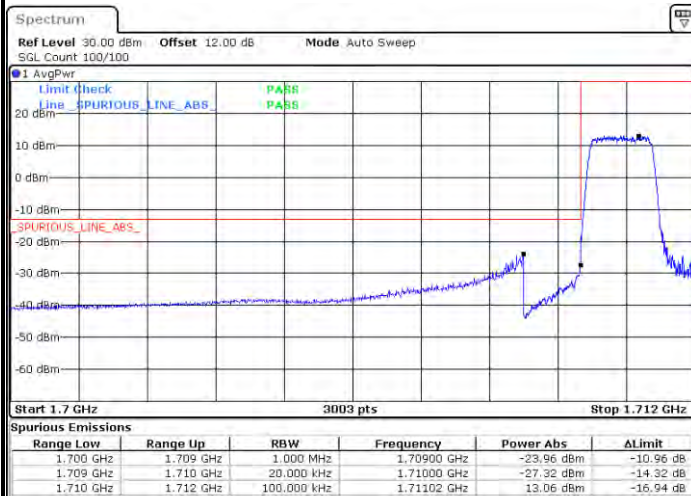
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



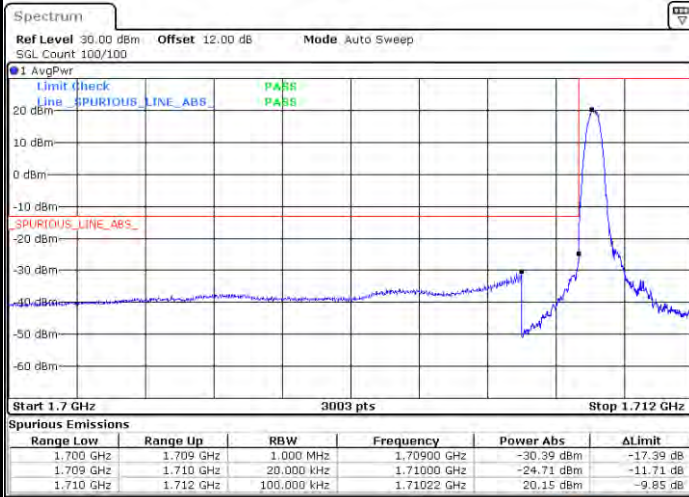
Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 64QAM

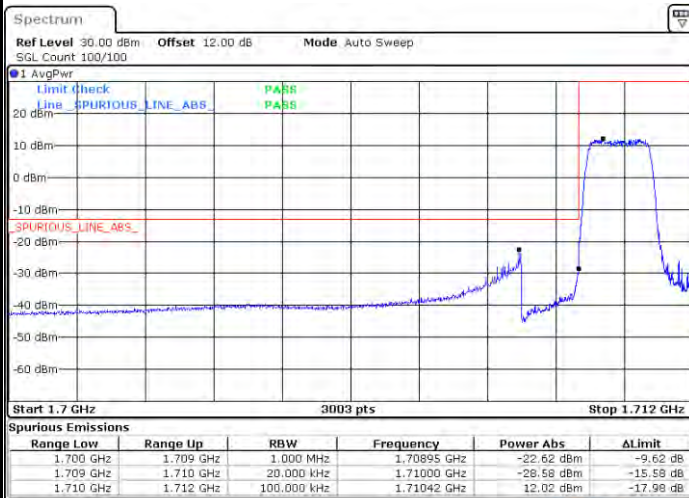
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

