



FCC RADIO TEST REPORT

FCC ID : A4RGU0NP
Equipment : Phone
Model Name : GU0NP, GM66V
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 Jan. 03, 2025 and testing was performed from Jan. 14, 2025 to May 16, 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FG4N0920B	01	Initial issue of report	May 28, 2025
FG4N0920B	02	Updated the description for open/close mode Revised Appendix A and Appendix B This report is an updated version, replacing the report issued on May 28, 2025	Jun. 05, 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:

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

Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The GU0NP and GM66V are 100% identical in Hardware / Software to each other, and only have different model names for marketing segmentation. The test sample are all model GU0NP.

Reviewed by: William Chen**Report Producer: Josie Hsu**



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, Thread, Wi-Fi 802.11be, NFC, WPC Rx, UWB and GNSS Rx.
Antenna Type WWAN: <Ant. 0>: ILA Antenna <Ant. 1>: ILA Antenna <Ant. 2>: ILA Antenna <Ant. 5>: Loop Antenna <Ant. 6>: 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
4C091FDCG0000N 52171FDCG00072	Conducted Measurement ERP/EIRP
52181FDCG0007G 54301FDCG0006U	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 (worst case from open and close mode)						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
B5	-4.44	-7.01			0	1
B12	-3.39	-7.34			0	1
B13	-4.25	-6.33			0	1
B14	-4.16	-6.32			0	1
B17	-3.39	-7.34			0	1
B26	-4.44	-7.01			0	1
B71	-4.91	-7.29			0	1
B2		-3.51	0.31		2	1
ENDC B2	-1.45			-5.58	0	5
B4		-5.92	-1.15		2	1
ENDC B4	-0.56			-9.20	0	5
B7		-3.94	-0.72		2	1
B25		-3.51	0.31		2	1
ENDC B25	-1.45			-5.58	0	5
B30		-5.14	-0.93		2	1
B38		-3.49	0.40		2	1
ENDC B38	-2.18			-2.87	0	5
B41		-3.49	0.40		2	1
ENDC B41	-2.18			-2.87	0	5
B66		-5.92	-1.15		2	1
ENDC B66	-0.56			-9.20	0	5

Remark:

1. For Test Items, Main Ant. means Tx0 and Sub Ant. means Tx1.
2. After preliminary scan, the main antenna Ant 0 for Low band and main antenna Ant 2 for Mid/high band are selected as the worst mode to be reported for conducted test.

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	Diego Huang
Temperature (°C)	22.2~22.8
Relative Humidity (%)	50.4~55.7

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH12-HY (TAF Code: 3786)
Test Engineer	Jack Cheng, Tim Lee and Wilson Wu
Temperature (°C)	20~25
Relative Humidity (%)	50~60
Remark	The Radiated Spurious Emission test item for LTE Band 30 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 (Open and Close) and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find the worst plane as following table.

Plane	Main Antenna	Sub Antenna
B5B	Y Close with adaptor	Y Close with adaptor
B7	Z Close with adaptor	Z Open with adaptor
B7C	X Open with adaptor	Y Close with adaptor
B12	Y Close with adaptor	X Close with adaptor
B13	Y Open with adaptor	Y Close with adaptor
B14	Z Open with adaptor	Y Close with adaptor
B25	X Close with adaptor	Z Open with adaptor
B26 (22H)	Y Close with adaptor	Y Close with adaptor
B26 (90S)	Y Close with adaptor	Z Open with adaptor
B30	Z Open with adaptor	X Close with adaptor
B41	Z Close with adaptor	X Close with adaptor
B41C	Z Close with adaptor	Y Close with adaptor
B66/B4	Y Close with adaptor	X Open with adaptor
B66C	Z Open with adaptor	Z Close with adaptor
B71	Y Close with adaptor	Z Close with adaptor



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

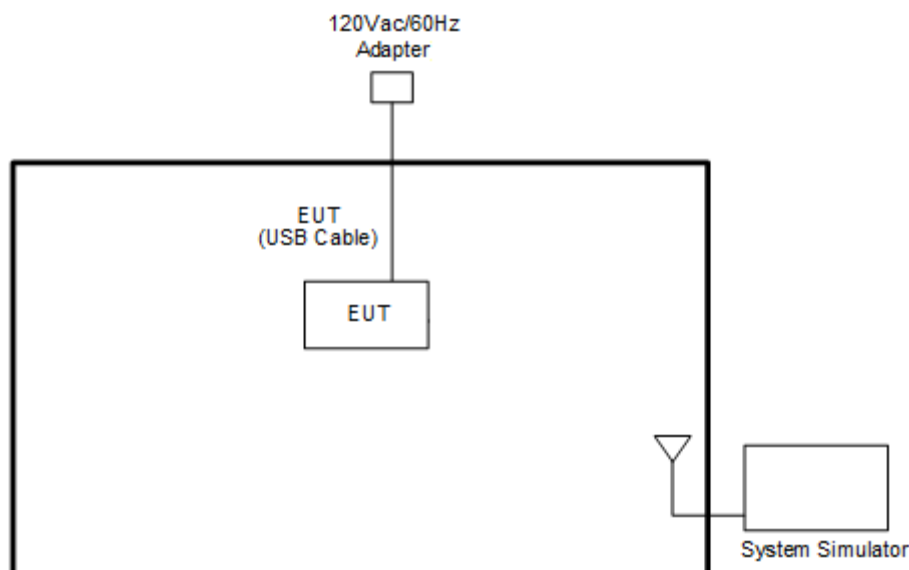
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	20 MHz or less	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	Minimum	1RB	L, M, H
		All	Full	
CSE	A	Minimum	1RB	L, M,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

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	MT8000A	N/A	N/A	Unshielded, 1.8 m
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
3.	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

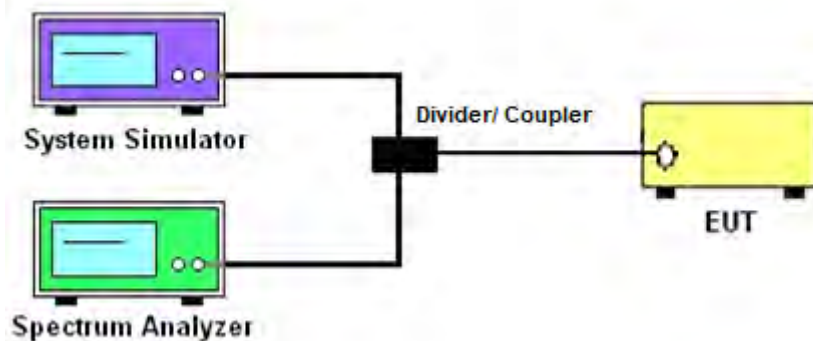
See list of measuring instruments of this test report.

3.1.1 Test Setup

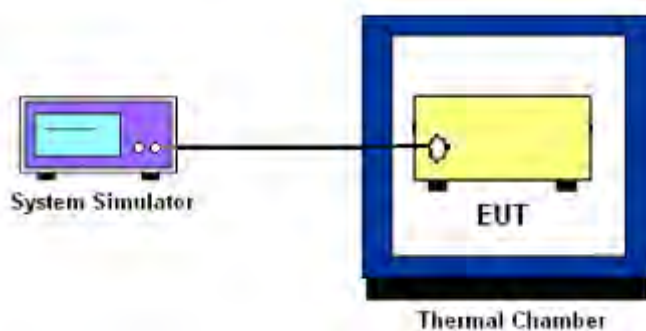
3.1.2 Conducted Output Power



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.

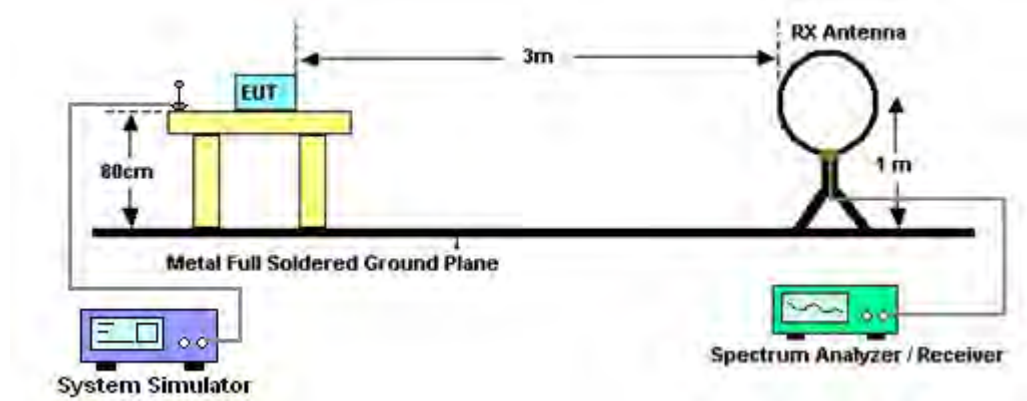
4 Radiated Test Items

4.1 Measuring Instruments

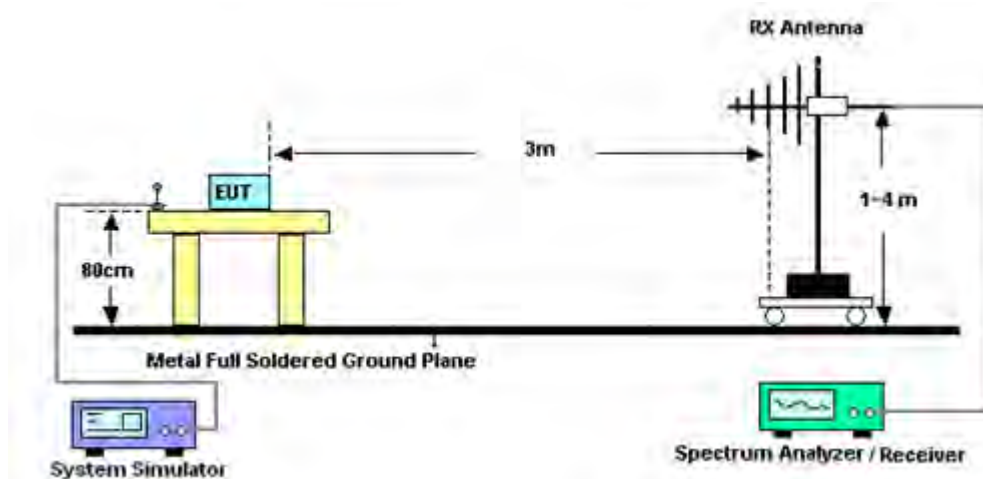
See list of measuring instruments of this test report.

4.1.1 Test Setup

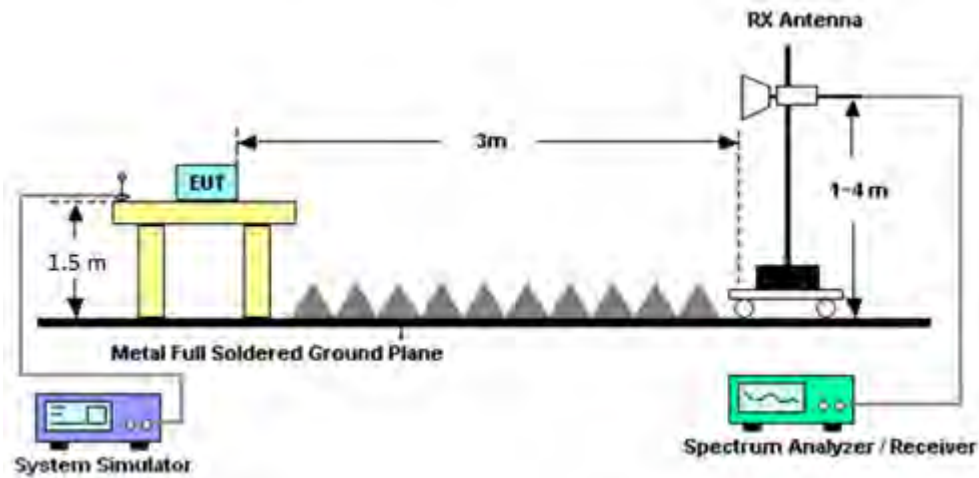
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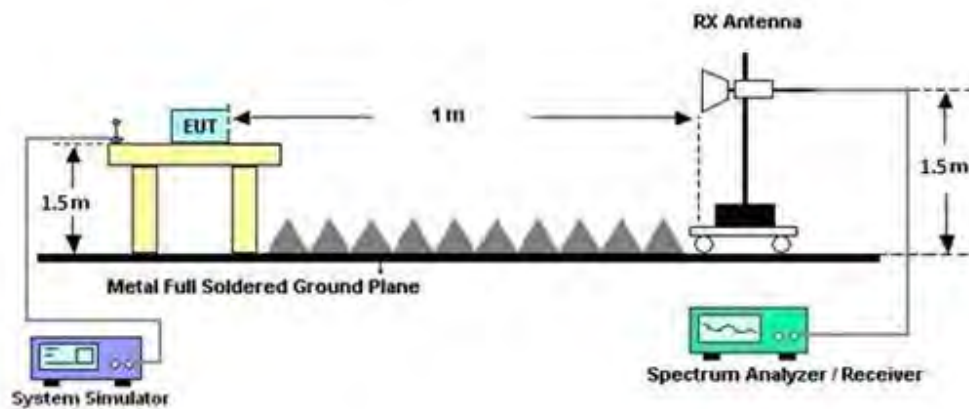
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

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

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



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI 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. $Field\ Strength\ Level(dBm) = Spectrum\ Reading(dBm) + Antenna\ Factor + Cable\ Loss + Read\ Level - Preamp\ Factor$.
8. $ERP(dBm) = EIRP(dBm) - 2.15$
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Mar. 12, 2025~ May 16, 2025	Dec. 17, 2025	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 27, 2024	Mar. 12, 2025~ May 16, 2025	Nov. 26, 2025	Radiation (03CH12-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 11, 2024	Mar. 12, 2025~ May 16, 2025	Jul. 10, 2025	Radiation (03CH12-HY)
Preamplifier	E-INSTRUM ENT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900269	1GHz-18GHz	Dec. 19, 2024	Mar. 12, 2025~ May 16, 2025	Dec. 18, 2025	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Aug.09, 2024	Mar. 12, 2025~ May 16, 2025	Aug.08, 2025	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 09, 2024	Mar. 12, 2025~ May 16, 2025	Sep. 08, 2025	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1223	18GHz-40GHz	Jun. 24, 2024	Mar. 12, 2025~ May 16, 2025	Jun. 23, 2025	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2024	Mar. 12, 2025~ May 16, 2025	Dec. 01, 2025	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-900- 1000-15000-6 0SS	SN11	1GHz High Pass Filter	Mar. 12, 2025	Mar. 12, 2025~ May 16, 2025	Mar. 11, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLKS1200-12 SS	SN2	1.2GHz Low Pass Filter	Mar. 12, 2025	Mar. 12, 2025~ May 16, 2025	Mar. 11, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN2	3GHz High Pass Filter	Mar. 12, 2025	Mar. 12, 2025~ May 16, 2025	Mar. 11, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN2	6.75GHz High Pass Filter	Mar. 12, 2025	Mar. 12, 2025~ May 16, 2025	Mar. 11, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz~30MHz	Feb. 20, 2025	Mar. 12, 2025~ May 16, 2025	Feb. 19, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 19, 2024	Mar. 12, 2025~ May 16, 2025	Dec. 18, 2025	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Nov. 01, 2024	Mar. 12, 2025~ May 16, 2025	Oct. 31, 2025	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM- KM-100	240907	30MHz~40GHz	Nov. 14, 2024	Mar. 12, 2025~ May 16, 2025	Nov. 13, 2025	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP210090	N/A	Aug. 29, 2024	Mar. 12, 2025~ May 16, 2025	Aug. 28, 2025	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Mar. 12, 2025~ May 16, 2025	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Mar. 12, 2025~ May 16, 2025	N/A	Radiation (03CH12-HY)
5G Wireless Test Platform	Anritsu	MT8000A	6262134933	FR1	Jun. 27, 2024	Mar. 12, 2025~ May 16, 2025	Jun. 26, 2025	Radiation (03CH12-HY)
Radio Communication Analyze	Anritsu	MT8821C	6262116730	LTE	Jun. 28, 2024	Mar. 12, 2025~ May 16, 2025	Jun. 27, 2025	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Mar. 12, 2025~ May 16, 2025	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Mar. 12, 2025~ May 16, 2025	N/A	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Jan. 14, 2025~ Mar. 11, 2025	Sep. 01, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 06, 2024	Jan. 14, 2025~ Mar. 11, 2025	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V : 0A~6A	Nov. 27, 2024	Jan. 14, 2025~ Mar. 11, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Coupler+10dB+ RfCable	Warison + WoKen + E-Instrument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 03, 2025	Jan. 14, 2025~ Mar. 11, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Jan. 14, 2025~ Mar. 11, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Jan. 14, 2025~ Mar. 11, 2025	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Jan. 14, 2025~ Mar. 11, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECEPEL	DTM-303B	TP210073	-10 ~ 50℃ / 20 ~ 95%RH	Jun. 05, 2024	Jan. 14, 2025~ Mar. 11, 2025	Jun. 04, 2025	Conducted (TH03-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.3 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<TX0 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.53	23.78	23.68	24.09	0.2564
20	1	49		23.38	23.52	23.43		
20	1	99		23.38	23.54	23.46		
20	50	0		22.55	22.60	22.53		
20	50	24		22.47	22.59	22.49		
20	50	50		22.48	22.50	22.46		
20	100	0		22.49	22.58	22.50		
20	1	0	16-QAM	22.65	22.71	22.66	23.02	0.2004
20	1	49		22.48	22.67	22.65		
20	1	99		22.62	22.56	22.52		
20	50	0		21.49	21.55	21.60		
20	50	24		21.43	21.44	21.50		
20	50	50		21.51	21.59	21.53		
20	100	0		21.40	21.61	21.56		
20	1	0	64-QAM	21.94	21.99	22.07	22.38	0.1730
20	1	49		21.46	21.75	21.50		
20	1	99		21.66	21.62	21.82		
20	50	0		20.47	20.69	20.49		
20	50	24		20.53	20.60	20.57		
20	50	50		20.44	20.57	20.48		
20	100	0		20.61	20.71	20.62		
20	1	0	256-QAM	19.13	19.24	19.14	19.55	0.0902
20	1	49		19.14	19.17	19.11		
20	1	99		19.08	19.19	19.13		
20	50	0		19.08	19.13	19.16		
20	50	24		19.06	19.17	19.12		
20	50	50		18.98	19.15	19.09		
20	100	0		19.03	19.14	19.08		
Limit	EIRP < 2W			Result			Pass	



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LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.70	23.73	23.75	24.06	0.2547
15	1	37		23.55	23.59	23.58		
15	1	74		23.69	23.72	23.68		
15	36	0		22.72	22.75	22.68		
15	36	20		22.72	22.72	22.67		
15	36	39		22.72	22.71	22.68		
15	75	0		22.67	22.73	22.72		
15	1	0	16-QAM	23.06	23.09	23.04	23.44	0.2208
15	1	37		23.01	23.13	23.01		
15	1	74		22.92	22.98	22.94		
15	36	0		21.69	21.75	21.68		
15	36	20		21.63	21.72	21.73		
15	36	39		21.64	21.68	21.67		
15	75	0		21.63	21.70	21.70		
15	1	0	64-QAM	21.95	22.00	21.84	22.31	0.1702
15	1	37		21.88	21.94	21.91		
15	1	74		21.96	21.91	21.89		
15	36	0		20.77	20.83	20.83		
15	36	20		20.75	20.80	20.79		
15	36	39		20.72	20.79	20.77		
15	75	0		20.72	20.77	20.77		
15	1	0	256-QAM	18.86	18.92	18.92	19.26	0.0843
15	1	37		18.87	18.95	18.85		
15	1	74		18.79	18.88	18.80		
15	36	0		18.76	18.84	18.75		
15	36	20		18.64	18.79	18.79		
15	36	39		18.70	18.78	18.69		
15	75	0		18.75	18.81	18.79		
Limit	EIRP < 2W			Result			Pass	



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LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.71	23.77	23.75	24.08	0.2559
10	1	25		23.69	23.75	23.72		
10	1	49		23.67	23.76	23.68		
10	25	0		22.68	22.74	22.68		
10	25	12		22.69	22.70	22.72		
10	25	25		22.71	22.72	22.70		
10	50	0		22.69	22.71	22.71		
10	1	0	16-QAM	22.95	22.97	22.97	23.29	0.2133
10	1	25		22.92	22.92	22.98		
10	1	49		22.83	22.89	22.97		
10	25	0		21.65	21.72	21.75		
10	25	12		21.65	21.69	21.71		
10	25	25		21.67	21.70	21.71		
10	50	0		21.66	21.69	21.65		
10	1	0	64-QAM	21.92	21.97	22.03	22.34	0.1714
10	1	25		21.88	21.98	21.98		
10	1	49		21.79	21.87	21.88		
10	25	0		20.70	20.80	20.77		
10	25	12		20.68	20.76	20.75		
10	25	25		20.69	20.77	20.72		
10	50	0		20.77	20.83	20.78		
10	1	0	256-QAM	18.84	18.90	18.78	19.21	0.0834
10	1	25		18.51	18.65	18.51		
10	1	49		18.67	18.79	18.65		
10	25	0		18.66	18.76	18.65		
10	25	12		18.62	18.75	18.65		
10	25	25		18.70	18.76	18.69		
10	50	0		18.61	18.77	18.70		
Limit	EIRP < 2W			Result			Pass	



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LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.68	23.71	23.69	24.07	0.2553
5	1	12		23.69	23.72	23.66		
5	1	24		23.70	23.76	23.71		
5	12	0		22.71	22.72	22.72		
5	12	7		22.70	22.71	22.67		
5	12	13		22.68	22.71	22.68		
5	25	0		22.66	22.69	22.68		
5	1	0	16-QAM	23.02	23.03	23.01	23.42	0.2198
5	1	12		22.97	23.11	22.95		
5	1	24		22.91	22.87	22.94		
5	12	0		21.68	21.68	21.68		
5	12	7		21.65	21.74	21.67		
5	12	13		21.63	21.66	21.66		
5	25	0		21.63	21.68	21.64		
5	1	0	64-QAM	21.79	21.95	21.84	22.26	0.1683
5	1	12		21.94	21.91	21.88		
5	1	24		21.81	21.88	21.83		
5	12	0		20.79	20.86	20.77		
5	12	7		20.73	20.82	20.74		
5	12	13		20.73	20.81	20.77		
5	25	0		20.72	20.75	20.73		
5	1	0	256-QAM	18.73	18.84	18.81	19.25	0.0841
5	1	12		18.88	18.94	18.86		
5	1	24		18.83	18.86	18.84		
5	12	0		18.65	18.77	18.66		
5	12	7		18.77	18.80	18.71		
5	12	13		18.61	18.74	18.63		
5	25	0		18.70	18.75	18.67		
Limit	EIRP < 2W			Result			Pass	



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LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.71	23.72	23.72	24.07	0.2553
3	1	8		23.74	23.71	23.71		
3	1	14		23.71	23.73	23.76		
3	8	0		22.73	22.76	22.67		
3	8	4		22.58	22.64	22.60		
3	8	7		22.65	22.71	22.70		
3	15	0		22.67	22.72	22.70		
3	1	0	16-QAM	22.98	23.00	22.98	23.36	0.2168
3	1	8		22.92	22.90	22.95		
3	1	14		23.00	23.05	23.00		
3	8	0		21.72	21.76	21.68		
3	8	4		21.68	21.66	21.66		
3	8	7		21.68	21.71	21.65		
3	15	0		21.72	21.77	21.69		
3	1	0	64-QAM	21.88	21.87	21.84	22.19	0.1656
3	1	8		21.79	21.86	21.83		
3	1	14		21.86	21.77	21.76		
3	8	0		20.74	20.78	20.73		
3	8	4		20.74	20.79	20.71		
3	8	7		20.81	20.85	20.80		
3	15	0		20.78	20.81	20.74		
3	1	0	256-QAM	18.76	18.84	18.72	19.15	0.0822
3	1	8		18.68	18.77	18.68		
3	1	14		18.68	18.78	18.67		
3	8	0		18.72	18.78	18.70		
3	8	4		18.65	18.71	18.64		
3	8	7		18.66	18.78	18.62		
3	15	0		18.70	18.76	18.62		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.77	23.74	23.67	24.08	0.2559
1.4	1	3		23.63	23.68	23.54		
1.4	1	5		23.67	23.65	23.62		
1.4	3	0		23.67	23.68	23.61		
1.4	3	1		23.53	23.54	23.51		
1.4	3	3		23.66	23.68	23.66		
1.4	6	0		22.62	22.68	22.61		
1.4	1	0	16-QAM	23.06	22.96	22.90	23.37	0.2173
1.4	1	3		22.89	22.93	22.84		
1.4	1	5		23.00	23.01	22.91		
1.4	3	0		22.60	22.61	22.56		
1.4	3	1		22.69	22.71	22.57		
1.4	3	3		22.61	22.62	22.57		
1.4	6	0		21.70	21.72	21.67		
1.4	1	0	64-QAM	21.82	21.86	21.80	22.30	0.1698
1.4	1	3		21.99	21.95	21.96		
1.4	1	5		21.89	21.87	21.84		
1.4	3	0		21.77	21.73	21.76		
1.4	3	1		21.73	21.75	21.76		
1.4	3	3		21.78	21.81	21.76		
1.4	6	0		20.69	20.72	20.61		
1.4	1	0	256-QAM	18.70	18.83	18.64	19.14	0.0820
1.4	1	3		18.59	18.68	18.53		
1.4	1	5		18.67	18.80	18.69		
1.4	3	0		18.79	18.82	18.62		
1.4	3	1		18.64	18.72	18.55		
1.4	3	3		18.68	18.75	18.56		
1.4	6	0		18.64	18.77	18.61		
Limit	EIRP < 2W			Result			Pass	



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LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.78	23.85	23.70	24.16	0.2606
20	1	49		23.75	23.67	23.67		
20	1	99		23.65	23.68	23.62		
20	50	0		22.84	22.87	22.79		
20	50	24		22.74	22.76	22.69		
20	50	50		22.68	22.76	22.62		
20	100	0		22.77	22.85	22.77		
20	1	0	16-QAM	22.92	22.95	22.89	23.84	0.2421
20	1	49		22.54	22.28	22.75		
20	1	99		23.53	22.48	22.74		
20	50	0		21.75	21.79	21.71		
20	50	24		21.77	21.74	21.73		
20	50	50		21.69	21.61	21.60		
20	100	0		21.69	21.80	21.73		
20	1	0	64-QAM	21.84	21.91	21.69	22.40	0.1738
20	1	49		21.79	21.83	22.09		
20	1	99		21.90	21.84	21.83		
20	50	0		20.82	20.82	20.92		
20	50	24		20.77	20.81	20.82		
20	50	50		20.89	20.77	20.81		
20	100	0		20.80	20.85	20.83		
20	1	0	256-QAM	19.17	19.21	19.22	19.53	0.0897
20	1	49		19.10	19.19	19.22		
20	1	99		19.10	19.11	19.13		
20	50	0		19.15	19.11	19.14		
20	50	24		19.01	19.11	19.05		
20	50	50		19.06	19.17	19.13		
20	100	0		19.02	19.13	19.10		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.62	23.70	23.61	24.01	0.2518
15	1	37		23.58	23.62	23.52		
15	1	74		23.44	23.56	23.55		
15	36	0		22.58	22.58	22.52		
15	36	20		22.49	22.55	22.58		
15	36	39		22.50	22.60	22.62		
15	75	0		22.49	22.60	22.48		
15	1	0	16-QAM	22.99	23.00	22.85	23.31	0.2143
15	1	37		22.82	22.97	22.89		
15	1	74		22.78	22.86	22.68		
15	36	0		21.50	21.52	21.50		
15	36	20		21.51	21.57	21.44		
15	36	39		21.41	21.51	21.47		
15	75	0		21.45	21.51	21.53		
15	1	0	64-QAM	21.80	21.75	21.71	22.28	0.1690
15	1	37		21.83	21.97	21.86		
15	1	74		21.85	21.69	21.85		
15	36	0		20.53	20.69	20.68		
15	36	20		20.63	20.67	20.67		
15	36	39		20.60	20.56	20.64		
15	75	0		20.47	20.58	20.63		
15	1	0	256-QAM	19.14	19.14	19.20	19.51	0.0893
15	1	37		19.01	19.16	19.20		
15	1	74		19.03	19.09	19.05		
15	36	0		19.10	19.01	19.13		
15	36	20		18.94	19.07	19.03		
15	36	39		18.96	19.14	19.09		
15	75	0		18.93	19.10	19.00		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.57	23.60	23.68	23.99	0.2506
10	1	25		23.47	23.52	23.65		
10	1	49		23.55	23.57	23.61		
10	25	0		22.56	22.70	22.74		
10	25	12		22.59	22.66	22.59		
10	25	25		22.51	22.63	22.72		
10	50	0		22.56	22.64	22.65		
10	1	0	16-QAM	22.83	22.93	22.79	23.24	0.2109
10	1	25		22.75	22.84	22.86		
10	1	49		22.66	22.80	22.85		
10	25	0		21.42	21.60	21.59		
10	25	12		21.50	21.67	21.58		
10	25	25		21.55	21.62	21.68		
10	50	0		21.50	21.59	21.66		
10	1	0	64-QAM	21.80	21.94	21.97	22.28	0.1690
10	1	25		21.66	21.69	21.95		
10	1	49		21.76	21.87	21.92		
10	25	0		20.55	20.58	20.77		
10	25	12		20.57	20.51	20.79		
10	25	25		20.63	20.53	20.79		
10	50	0		20.65	20.55	20.81		
10	1	0	256-QAM	19.14	19.16	19.18	19.49	0.0889
10	1	25		19.03	19.11	19.12		
10	1	49		19.02	19.03	19.04		
10	25	0		19.06	19.07	19.11		
10	25	12		18.92	19.05	18.95		
10	25	25		19.04	19.11	19.02		
10	50	0		18.98	19.10	19.01		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.69	23.83	23.61	24.14	0.2594
5	1	12		23.60	23.70	23.57		
5	1	24		23.58	23.74	23.63		
5	12	0		22.75	22.76	22.74		
5	12	7		22.72	22.79	22.74		
5	12	13		22.66	22.86	22.71		
5	25	0		22.68	22.75	22.76		
5	1	0	16-QAM	23.16	23.01	22.76	23.47	0.2223
5	1	12		23.10	23.11	23.09		
5	1	24		23.07	22.93	22.99		
5	12	0		21.76	21.79	21.64		
5	12	7		21.75	21.76	21.66		
5	12	13		21.69	21.69	21.68		
5	25	0		21.74	21.72	21.65		
5	1	0	64-QAM	21.84	22.03	21.86	22.34	0.1714
5	1	12		21.76	21.92	21.86		
5	1	24		21.90	21.94	21.88		
5	12	0		20.82	21.01	20.85		
5	12	7		20.81	20.87	20.71		
5	12	13		20.77	20.87	20.80		
5	25	0		20.77	20.87	20.86		
5	1	0	256-QAM	19.13	19.20	19.20	19.51	0.0893
5	1	12		19.04	19.12	19.11		
5	1	24		18.99	19.03	19.03		
5	12	0		19.05	19.01	19.08		
5	12	7		18.92	19.00	18.99		
5	12	13		18.98	19.15	19.11		
5	25	0		19.01	19.07	19.08		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.64	23.75	23.59	24.06	0.2547
3	1	8		23.58	23.68	23.58		
3	1	14		23.58	23.66	23.64		
3	8	0		22.70	22.83	22.62		
3	8	4		22.70	22.66	22.74		
3	8	7		22.63	22.73	22.66		
3	15	0		22.67	22.79	22.70		
3	1	0	16-QAM	23.09	23.02	22.94	23.43	0.2203
3	1	8		22.86	23.08	22.91		
3	1	14		23.12	23.01	23.03		
3	8	0		21.81	21.82	21.75		
3	8	4		21.75	21.75	21.70		
3	8	7		21.67	21.77	21.66		
3	15	0		21.73	21.80	21.57		
3	1	0	64-QAM	22.00	21.96	21.95	22.31	0.1702
3	1	8		21.81	21.84	21.83		
3	1	14		21.91	21.96	21.77		
3	8	0		20.79	20.91	20.74		
3	8	4		20.79	20.73	20.80		
3	8	7		20.87	20.96	20.80		
3	15	0		20.80	20.90	20.75		
3	1	0	256-QAM	19.14	19.11	19.15	19.50	0.0891
3	1	8		19.04	19.14	19.19		
3	1	14		19.03	19.10	19.12		
3	8	0		19.09	19.03	19.07		
3	8	4		19.00	19.08	19.00		
3	8	7		18.97	19.07	19.04		
3	15	0		18.96	19.03	19.09		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.31 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.74	23.76	23.69	24.07	0.2553
1.4	1	3		23.69	23.61	23.58		
1.4	1	5		23.72	23.69	23.62		
1.4	3	0		23.66	23.68	23.48		
1.4	3	1		23.58	23.55	23.47		
1.4	3	3		23.64	23.72	23.42		
1.4	6	0		22.66	22.66	22.45		
1.4	1	0	16-QAM	23.09	23.06	22.86	23.40	0.2188
1.4	1	3		22.87	22.88	22.82		
1.4	1	5		22.87	22.99	22.75		
1.4	3	0		22.66	22.59	22.45		
1.4	3	1		22.59	22.63	22.50		
1.4	3	3		22.54	22.65	22.54		
1.4	6	0		21.75	21.78	21.56		
1.4	1	0	64-QAM	21.85	21.83	21.80	22.25	0.1679
1.4	1	3		21.92	21.85	21.86		
1.4	1	5		21.92	21.84	21.70		
1.4	3	0		21.79	21.79	21.77		
1.4	3	1		21.68	21.74	21.84		
1.4	3	3		21.88	21.94	21.75		
1.4	6	0		20.67	20.75	20.62		
1.4	1	0	256-QAM	19.07	19.10	19.13	19.50	0.0891
1.4	1	3		19.09	19.10	19.19		
1.4	1	5		19.05	19.05	19.03		
1.4	3	0		19.06	19.02	19.05		
1.4	3	1		19.00	19.05	18.98		
1.4	3	3		18.98	19.08	19.05		
1.4	6	0		19.00	19.05	19.01		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.63	23.74	23.64	23.18	0.2080
20	1	49		23.57	23.50	23.63		
20	1	99		23.67	23.52	23.57		
20	50	0		22.69	22.70	22.68		
20	50	24		22.65	22.61	22.68		
20	50	50		22.64	22.58	22.64		
20	100	0		22.62	22.64	22.61		
20	1	0	16-QAM	22.51	22.71	22.60	22.44	0.1754
20	1	49		22.89	22.75	22.74		
20	1	99		22.43	22.85	23.00		
20	50	0		21.69	21.56	21.57		
20	50	24		21.62	21.58	21.53		
20	50	50		21.62	21.58	21.64		
20	100	0		21.64	21.64	21.62		
20	1	0	64-QAM	21.85	21.85	21.62	21.51	0.1416
20	1	49		21.73	21.76	21.50		
20	1	99		22.07	21.96	21.85		
20	50	0		20.75	20.70	20.70		
20	50	24		20.69	20.67	20.67		
20	50	50		20.65	20.65	20.59		
20	100	0		20.67	20.61	20.68		
20	1	0	256-QAM	19.16	19.12	19.10	18.60	0.0724
20	1	49		18.86	18.98	19.03		
20	1	99		19.01	19.02	18.90		
20	50	0		18.96	19.02	18.96		
20	50	24		18.96	18.92	18.91		
20	50	50		18.90	18.85	18.84		
20	100	0		18.95	18.99	18.92		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.72	23.71	23.71	23.16	0.2070
15	1	37		23.60	23.56	23.72		
15	1	74		23.71	23.72	23.70		
15	36	0		22.78	22.77	22.75		
15	36	20		22.73	22.78	22.70		
15	36	39		22.79	22.72	22.71		
15	75	0		22.77	22.74	22.74		
15	1	0	16-QAM	23.05	23.00	23.07	22.55	0.1799
15	1	37		23.11	22.90	22.99		
15	1	74		22.95	23.03	23.02		
15	36	0		21.72	21.69	21.71		
15	36	20		21.69	21.71	21.70		
15	36	39		21.67	21.70	21.69		
15	75	0		21.69	21.72	21.70		
15	1	0	64-QAM	21.89	21.89	21.82	21.39	0.1377
15	1	37		21.88	21.93	21.95		
15	1	74		21.83	21.86	21.92		
15	36	0		20.82	20.76	20.74		
15	36	20		20.79	20.73	20.73		
15	36	39		20.78	20.72	20.74		
15	75	0		20.73	20.70	20.72		
15	1	0	256-QAM	18.81	18.82	18.77	18.32	0.0679
15	1	37		18.88	18.86	18.83		
15	1	74		18.75	18.80	18.78		
15	36	0		18.70	18.72	18.71		
15	36	20		18.68	18.69	18.62		
15	36	39		18.73	18.70	18.66		
15	75	0		18.66	18.70	18.71		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.71	23.73	23.73	23.17	0.2075
10	1	25		23.72	23.71	23.70		
10	1	49		23.73	23.67	23.70		
10	25	0		22.76	22.73	22.77		
10	25	12		22.75	22.74	22.81		
10	25	25		22.76	22.73	22.81		
10	50	0		22.77	22.73	22.79		
10	1	0	16-QAM	23.02	22.97	22.99	22.50	0.1778
10	1	25		22.98	22.92	23.06		
10	1	49		22.98	22.93	22.97		
10	25	0		21.76	21.74	21.77		
10	25	12		21.78	21.70	21.91		
10	25	25		21.76	21.72	21.76		
10	50	0		21.73	21.72	21.74		
10	1	0	64-QAM	21.96	21.89	21.97	21.47	0.1403
10	1	25		22.03	21.88	21.94		
10	1	49		21.96	21.88	21.88		
10	25	0		20.74	20.77	20.76		
10	25	12		20.75	20.76	20.74		
10	25	25		20.74	20.74	20.74		
10	50	0		20.79	20.61	20.79		
10	1	0	256-QAM	18.97	18.82	18.90	18.41	0.0693
10	1	25		18.82	18.73	18.82		
10	1	49		18.85	18.76	18.92		
10	25	0		18.84	18.70	18.78		
10	25	12		18.79	18.68	18.85		
10	25	25		18.83	18.71	18.87		
10	50	0		18.82	18.68	18.78		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.70	23.71	23.69	23.16	0.2070
5	1	12		23.64	23.61	23.69		
5	1	24		23.72	23.70	23.68		
5	12	0		22.75	22.74	22.77		
5	12	7		22.75	22.72	22.79		
5	12	13		22.75	22.73	22.69		
5	25	0		22.77	22.71	22.74		
5	1	0	16-QAM	23.13	22.98	22.94	22.58	0.1811
5	1	12		23.14	23.05	22.95		
5	1	24		23.05	22.97	22.87		
5	12	0		21.76	21.70	21.69		
5	12	7		21.74	21.72	21.68		
5	12	13		21.76	21.71	21.73		
5	25	0		21.76	21.71	21.71		
5	1	0	64-QAM	21.92	21.83	21.89	21.39	0.1377
5	1	12		21.95	21.87	21.81		
5	1	24		21.86	21.83	21.84		
5	12	0		20.78	20.76	20.73		
5	12	7		20.77	20.72	20.70		
5	12	13		20.78	20.76	20.71		
5	25	0		20.79	20.75	20.68		
5	1	0	256-QAM	18.79	18.75	18.60	18.29	0.0675
5	1	12		18.85	18.83	18.71		
5	1	24		18.80	18.79	18.65		
5	12	0		18.62	18.66	18.58		
5	12	7		18.62	18.67	18.55		
5	12	13		18.70	18.72	18.60		
5	25	0		18.70	18.68	18.57		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.72	23.71	23.70	23.16	0.2070
3	1	8		23.66	23.67	23.70		
3	1	14		23.71	23.70	23.66		
3	8	0		22.76	22.71	22.70		
3	8	4		22.71	22.63	22.65		
3	8	7		22.77	22.69	22.69		
3	15	0		22.85	22.79	22.84		
3	1	0	16-QAM	23.10	23.02	22.99	22.58	0.1811
3	1	8		23.07	22.94	22.88		
3	1	14		23.14	22.97	22.99		
3	8	0		21.83	21.73	21.71		
3	8	4		21.80	21.73	21.69		
3	8	7		21.78	21.69	21.72		
3	15	0		21.79	21.76	21.72		
3	1	0	64-QAM	21.88	21.79	21.79	21.33	0.1358
3	1	8		21.89	21.80	21.75		
3	1	14		21.84	21.76	21.80		
3	8	0		20.79	20.73	20.68		
3	8	4		20.75	20.72	20.67		
3	8	7		20.82	20.77	20.71		
3	15	0		20.79	20.74	20.68		
3	1	0	256-QAM	18.81	18.76	18.64	18.25	0.0668
3	1	8		18.80	18.75	18.59		
3	1	14		18.75	18.77	18.68		
3	8	0		18.68	18.71	18.63		
3	8	4		18.60	18.64	18.52		
3	8	7		18.76	18.74	18.64		
3	15	0		18.63	18.67	18.51		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -0.56 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.69	23.61	23.70	23.17	0.2075
1.4	1	3		23.68	23.57	23.65		
1.4	1	5		23.73	23.62	23.61		
1.4	3	0		23.72	23.65	23.63		
1.4	3	1		23.60	23.52	23.66		
1.4	3	3		23.73	23.65	23.71		
1.4	6	0		22.76	22.69	22.87		
1.4	1	0	16-QAM	23.02	22.92	22.81	22.52	0.1786
1.4	1	3		22.94	22.91	22.85		
1.4	1	5		23.08	22.98	22.95		
1.4	3	0		22.70	22.67	22.59		
1.4	3	1		22.72	22.69	22.65		
1.4	3	3		22.70	22.62	22.62		
1.4	6	0		21.82	21.70	21.81		
1.4	1	0	64-QAM	22.88	21.79	21.81	22.32	0.1706
1.4	1	3		22.00	21.93	21.88		
1.4	1	5		21.92	21.81	21.75		
1.4	3	0		21.79	21.70	21.67		
1.4	3	1		21.80	21.73	21.76		
1.4	3	3		21.86	21.71	21.73		
1.4	6	0		20.74	20.66	20.59		
1.4	1	0	256-QAM	18.73	18.75	18.58	18.25	0.0668
1.4	1	3		18.70	18.64	18.57		
1.4	1	5		18.81	18.73	18.61		
1.4	3	0		18.69	18.70	18.62		
1.4	3	1		18.69	18.69	18.59		
1.4	3	3		18.75	18.68	18.53		
1.4	6	0		18.64	18.63	18.47		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.28	24.32	24.29	17.73	0.0593
10	1	25		24.21	24.29	24.24		
10	1	49		24.13	24.22	24.19		
10	25	0		23.26	23.31	23.30		
10	25	12		23.25	23.28	23.27		
10	25	25		23.17	23.24	23.18		
10	50	0		23.23	23.28	23.24		
10	1	0	16-QAM	23.52	23.59	23.44	17.00	0.0501
10	1	25		23.40	23.44	23.29		
10	1	49		23.50	23.44	23.47		
10	25	0		22.29	22.29	22.25		
10	25	12		22.21	22.23	22.29		
10	25	25		22.21	22.25	22.20		
10	50	0		22.27	22.32	22.21		
10	1	0	64-QAM	22.43	22.48	22.38	15.89	0.0388
10	1	25		22.35	22.33	22.27		
10	1	49		22.42	22.34	22.38		
10	25	0		21.27	21.29	21.26		
10	25	12		21.20	21.20	21.17		
10	25	25		21.16	21.24	21.21		
10	50	0		21.21	21.28	21.26		
10	1	0	256-QAM	19.16	19.27	18.99	12.68	0.0185
10	1	25		19.07	19.19	19.05		
10	1	49		19.10	19.06	18.94		
10	25	0		19.00	19.11	18.89		
10	25	12		19.08	19.03	18.94		
10	25	25		18.93	19.08	18.88		
10	50	0		19.10	19.12	18.88		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.00	24.17	24.26	17.67	0.0585
5	1	12		23.95	24.04	24.07		
5	1	24		24.00	24.07	24.11		
5	12	0		23.05	23.06	23.14		
5	12	7		23.03	23.07	23.05		
5	12	13		23.06	23.02	23.00		
5	25	0		23.03	23.03	23.05		
5	1	0	16-QAM	23.47	23.29	23.45	16.88	0.0488
5	1	12		23.34	23.33	23.39		
5	1	24		23.29	23.18	23.32		
5	12	0		22.05	22.04	22.09		
5	12	7		22.08	22.03	22.10		
5	12	13		21.98	21.99	22.03		
5	25	0		22.00	21.98	22.06		
5	1	0	64-QAM	22.11	22.05	22.25	15.66	0.0368
5	1	12		22.16	22.06	22.25		
5	1	24		22.22	22.04	22.15		
5	12	0		21.06	21.06	21.10		
5	12	7		21.02	20.95	21.06		
5	12	13		21.05	20.99	21.05		
5	25	0		20.98	20.93	21.08		
5	1	0	256-QAM	19.09	19.06	19.11	12.59	0.0182
5	1	12		19.01	19.03	19.17		
5	1	24		19.10	19.07	19.18		
5	12	0		18.95	18.99	19.05		
5	12	7		19.08	19.04	19.15		
5	12	13		18.97	18.95	19.05		
5	25	0		18.93	18.96	19.01		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.22	24.27	24.25	17.72	0.0592
3	1	8		24.20	24.19	24.20		
3	1	14		24.31	24.30	24.23		
3	8	0		23.23	23.24	23.29		
3	8	4		23.22	23.12	23.20		
3	8	7		23.27	23.23	23.23		
3	15	0		23.31	23.31	23.38		
3	1	0	16-QAM	23.51	23.58	23.59	17.00	0.0501
3	1	8		23.37	23.39	23.49		
3	1	14		23.59	23.45	23.40		
3	8	0		22.31	22.27	22.33		
3	8	4		22.26	22.25	22.24		
3	8	7		22.23	22.21	22.21		
3	15	0		22.27	22.24	22.33		
3	1	0	64-QAM	22.32	22.35	22.54	15.95	0.0394
3	1	8		22.21	22.27	22.33		
3	1	14		22.38	22.18	22.17		
3	8	0		21.17	21.19	21.23		
3	8	4		21.16	21.17	21.23		
3	8	7		21.27	21.21	21.23		
3	15	0		21.19	21.17	21.19		
3	1	0	256-QAM	19.51	19.52	19.49	12.93	0.0196
3	1	8		19.40	19.43	19.37		
3	1	14		19.38	19.45	19.41		
3	8	0		19.42	19.43	19.45		
3	8	4		19.42	19.41	19.33		
3	8	7		19.37	19.41	19.34		
3	15	0		19.35	19.39	19.39		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.25	24.27	24.21	17.68	0.0586
1.4	1	3		24.11	24.09	24.06		
1.4	1	5		24.23	24.17	24.15		
1.4	3	0		24.19	24.17	24.20		
1.4	3	1		24.07	24.04	24.08		
1.4	3	3		24.20	24.20	24.20		
1.4	6	0		23.18	23.22	23.25		
1.4	1	0	16-QAM	23.43	23.48	23.61	17.02	0.0504
1.4	1	3		23.48	23.35	23.35		
1.4	1	5		23.41	23.38	23.47		
1.4	3	0		23.09	23.13	23.07		
1.4	3	1		23.18	23.19	23.16		
1.4	3	3		23.15	23.11	23.13		
1.4	6	0		22.21	22.25	22.29		
1.4	1	0	64-QAM	22.28	22.26	22.32	15.82	0.0382
1.4	1	3		22.38	22.38	22.41		
1.4	1	5		22.33	22.28	22.27		
1.4	3	0		22.25	22.16	22.21		
1.4	3	1		22.19	22.17	22.21		
1.4	3	3		22.17	22.23	22.20		
1.4	6	0		21.07	21.07	21.14		
1.4	1	0	256-QAM	19.37	19.45	19.50	12.91	0.0195
1.4	1	3		19.28	19.37	19.41		
1.4	1	5		19.42	19.43	19.41		
1.4	3	0		19.41	19.46	19.44		
1.4	3	1		19.38	19.38	19.37		
1.4	3	3		19.29	19.37	19.34		
1.4	6	0		19.20	19.30	19.29		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.17	24.20	24.30	23.58	0.2280
20	1	49		24.16	24.13	24.23		
20	1	99		24.13	24.15	24.13		
20	50	0		23.19	23.23	23.26		
20	50	24		23.12	23.21	23.20		
20	50	50		23.13	23.20	23.17		
20	100	0		23.13	23.20	23.10		
20	1	0	16-QAM	23.20	23.24	23.35	22.63	0.1832
20	1	49		23.11	23.20	23.24		
20	1	99		23.12	23.19	23.13		
20	50	0		22.16	22.23	22.31		
20	50	24		22.19	22.25	22.23		
20	50	50		22.16	22.23	22.07		
20	100	0		22.17	22.15	22.20		
20	1	0	64-QAM	22.21	22.49	22.44	21.77	0.1503
20	1	49		22.41	22.36	22.08		
20	1	99		22.27	22.23	22.40		
20	50	0		21.23	21.14	21.23		
20	50	24		21.12	21.18	21.22		
20	50	50		21.21	21.21	21.19		
20	100	0		21.13	21.27	21.17		
20	1	0	256-QAM	19.24	19.22	19.37	18.65	0.0733
20	1	49		19.18	19.17	19.21		
20	1	99		19.32	19.14	19.34		
20	50	0		19.13	19.14	19.14		
20	50	24		19.31	19.11	19.34		
20	50	50		19.22	19.16	19.17		
20	100	0		19.16	19.28	19.27		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.16	24.17	24.19	23.47	0.2223
15	1	37		24.05	24.05	24.17		
15	1	74		24.11	24.13	24.12		
15	36	0		23.15	23.15	23.19		
15	36	20		23.05	23.12	23.16		
15	36	39		23.06	23.12	23.10		
15	75	0		23.03	23.19	23.02		
15	1	0	16-QAM	23.17	23.21	23.30	22.58	0.1811
15	1	37		23.07	23.10	23.21		
15	1	74		23.06	23.12	23.02		
15	36	0		22.08	22.22	22.28		
15	36	20		22.10	22.17	22.14		
15	36	39		22.08	22.20	22.04		
15	75	0		22.08	22.11	22.14		
15	1	0	64-QAM	22.13	22.46	22.33	21.74	0.1493
15	1	37		22.35	22.25	22.05		
15	1	74		22.21	22.14	22.38		
15	36	0		21.12	21.13	21.15		
15	36	20		21.03	21.11	21.13		
15	36	39		21.20	21.15	21.17		
15	75	0		21.10	21.20	21.08		
15	1	0	256-QAM	19.13	19.13	19.31	18.61	0.0726
15	1	37		19.16	19.09	19.19		
15	1	74		19.30	19.09	19.33		
15	36	0		19.02	19.09	19.05		
15	36	20		19.23	19.07	19.31		
15	36	39		19.11	19.15	19.14		
15	75	0		19.10	19.18	19.20		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.13	24.11	24.19	23.47	0.2223
10	1	25		24.13	24.00	24.17		
10	1	49		24.13	24.14	24.16		
10	25	0		23.09	23.17	23.23		
10	25	12		23.19	23.15	23.13		
10	25	25		23.14	23.17	23.15		
10	50	0		23.07	23.08	23.19		
10	1	0	16-QAM	23.31	23.32	23.37	22.75	0.1884
10	1	25		23.26	23.31	23.44		
10	1	49		23.40	23.36	23.47		
10	25	0		22.17	22.14	22.19		
10	25	12		22.19	22.18	22.13		
10	25	25		22.16	22.21	22.11		
10	50	0		22.14	22.13	22.13		
10	1	0	64-QAM	22.51	22.38	22.37	21.79	0.1510
10	1	25		22.23	22.16	22.35		
10	1	49		22.35	22.38	22.30		
10	25	0		21.11	21.09	21.26		
10	25	12		21.10	21.13	21.25		
10	25	25		21.09	21.13	21.15		
10	50	0		21.13	21.13	21.16		
10	1	0	256-QAM	19.23	19.12	19.32	18.60	0.0724
10	1	25		19.07	19.14	19.17		
10	1	49		19.28	19.03	19.30		
10	25	0		19.09	19.08	19.11		
10	25	12		19.29	19.10	19.26		
10	25	25		19.19	19.07	19.15		
10	50	0		19.12	19.25	19.23		
Limit	Power < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = -0.72 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.16	24.22	24.24	23.52	0.2249
5	1	12		24.05	24.17	24.21		
5	1	24		24.09	24.11	24.14		
5	12	0		23.04	23.12	23.15		
5	12	7		23.03	23.12	23.22		
5	12	13		23.11	23.07	23.12		
5	25	0		23.10	23.08	23.09		
5	1	0	16-QAM	23.43	23.45	23.45	22.96	0.1977
5	1	12		23.60	23.52	23.68		
5	1	24		23.49	23.41	23.38		
5	12	0		22.10	22.15	22.14		
5	12	7		22.06	22.18	22.14		
5	12	13		22.16	22.09	22.14		
5	25	0		22.12	22.18	22.16		
5	1	0	64-QAM	22.13	22.25	22.43	21.75	0.1496
5	1	12		22.46	22.46	22.47		
5	1	24		22.28	22.24	22.32		
5	12	0		21.10	21.19	21.25		
5	12	7		21.18	21.20	21.17		
5	12	13		21.24	21.14	21.17		
5	25	0		21.11	21.12	21.20		
5	1	0	256-QAM	19.23	19.21	19.32	18.60	0.0724
5	1	12		19.12	19.14	19.11		
5	1	24		19.22	19.03	19.30		
5	12	0		19.12	19.03	19.09		
5	12	7		19.25	19.05	19.25		
5	12	13		19.14	19.15	19.11		
5	25	0		19.12	19.18	19.24		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.07	24.11	24.08	18.57	0.0719
10	1	25		24.01	24.06	23.99		
10	1	49		24.01	23.96	24.04		
10	25	0		23.10	23.14	23.11		
10	25	12		23.05	23.13	23.09		
10	25	25		23.08	22.99	23.09		
10	50	0		23.06	23.12	23.08		
10	1	0	16-QAM	23.32	23.36	23.36	17.82	0.0605
10	1	25		23.19	23.36	23.29		
10	1	49		23.16	23.12	23.06		
10	25	0		22.15	22.15	22.16		
10	25	12		22.13	22.12	22.08		
10	25	25		22.08	22.07	22.02		
10	50	0		22.19	22.11	22.00		
10	1	0	64-QAM	22.35	22.36	22.28	16.82	0.0481
10	1	25		22.24	22.17	22.27		
10	1	49		22.18	22.03	22.09		
10	25	0		21.15	21.17	21.14		
10	25	12		21.14	21.10	21.12		
10	25	25		21.12	21.14	21.03		
10	50	0		21.16	21.06	20.98		
10	1	0	256-QAM	19.24	19.25	19.14	13.71	0.0235
10	1	25		19.19	19.14	19.03		
10	1	49		19.09	19.06	19.09		
10	25	0		19.05	19.07	19.15		
10	25	12		19.05	19.02	19.09		
10	25	25		19.01	18.99	19.15		
10	50	0		19.11	19.05	19.11		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.08	24.10	24.08	18.56	0.0718
5	1	12		24.04	24.08	24.01		
5	1	24		24.02	24.04	23.99		
5	12	0		23.14	23.12	23.13		
5	12	7		23.07	23.11	23.11		
5	12	13		23.10	23.11	23.08		
5	25	0		23.14	23.13	23.14		
5	1	0	16-QAM	23.41	23.42	23.40	17.88	0.0614
5	1	12		23.34	23.32	23.30		
5	1	24		23.34	23.37	23.13		
5	12	0		22.12	22.13	22.17		
5	12	7		22.16	22.13	22.13		
5	12	13		22.07	22.10	22.08		
5	25	0		22.11	22.10	22.08		
5	1	0	64-QAM	22.30	22.22	22.32	16.78	0.0476
5	1	12		22.25	22.23	22.23		
5	1	24		22.23	22.24	22.08		
5	12	0		21.17	21.22	21.21		
5	12	7		21.16	21.14	21.17		
5	12	13		21.16	21.13	21.16		
5	25	0		21.16	21.21	21.21		
5	1	0	256-QAM	19.22	19.27	19.26	13.73	0.0236
5	1	12		19.01	19.15	19.12		
5	1	24		19.08	19.14	19.05		
5	12	0		18.97	19.12	19.03		
5	12	7		18.97	19.08	19.07		
5	12	13		18.94	19.09	19.06		
5	25	0		19.04	19.13	19.06		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.97	24.07	24.05	18.53	0.0713
3	1	8		23.89	23.92	23.82		
3	1	14		24.02	24.06	23.85		
3	8	0		22.91	23.00	22.95		
3	8	4		22.86	22.87	22.85		
3	8	7		22.96	22.95	22.90		
3	15	0		23.08	23.13	23.07		
3	1	0	16-QAM	23.26	23.17	23.23	17.72	0.0592
3	1	8		23.09	23.08	23.18		
3	1	14		23.18	23.11	22.99		
3	8	0		22.05	22.05	22.04		
3	8	4		21.97	22.03	21.97		
3	8	7		21.97	21.96	22.03		
3	15	0		22.04	22.03	21.96		
3	1	0	64-QAM	22.07	22.08	22.09	16.59	0.0456
3	1	8		22.00	22.03	22.10		
3	1	14		22.13	22.05	22.07		
3	8	0		21.02	21.02	21.01		
3	8	4		20.99	21.01	20.99		
3	8	7		21.06	21.09	21.02		
3	15	0		20.90	21.01	21.02		
3	1	0	256-QAM	19.12	19.23	19.23	13.71	0.0235
3	1	8		19.05	19.21	19.21		
3	1	14		19.06	19.24	19.22		
3	8	0		19.08	19.25	19.24		
3	8	4		19.00	19.14	19.05		
3	8	7		19.05	19.16	19.13		
3	15	0		19.04	19.17	19.16		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -3.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.03	24.06	24.03	18.52	0.0711
1.4	1	3		23.95	23.95	23.94		
1.4	1	5		24.05	24.03	23.98		
1.4	3	0		24.02	24.03	23.98		
1.4	3	1		23.97	24.04	23.85		
1.4	3	3		23.98	24.05	24.00		
1.4	6	0		23.01	23.15	23.02		
1.4	1	0	16-QAM	23.23	23.21	23.27	17.85	0.0610
1.4	1	3		23.27	23.39	23.16		
1.4	1	5		23.25	23.17	23.20		
1.4	3	0		22.95	22.87	22.93		
1.4	3	1		23.02	22.96	22.98		
1.4	3	3		22.94	22.88	22.87		
1.4	6	0		22.07	22.11	22.06		
1.4	1	0	64-QAM	22.15	22.19	22.10	16.70	0.0468
1.4	1	3		22.18	22.24	22.20		
1.4	1	5		22.15	22.11	22.09		
1.4	3	0		22.10	22.00	22.07		
1.4	3	1		22.04	22.07	22.05		
1.4	3	3		22.06	22.08	22.06		
1.4	6	0		20.98	21.07	21.03		
1.4	1	0	256-QAM	18.94	19.13	19.05	13.65	0.0232
1.4	1	3		18.98	19.11	19.06		
1.4	1	5		19.04	19.19	19.10		
1.4	3	0		19.05	19.15	19.04		
1.4	3	1		19.05	19.16	19.07		
1.4	3	3		18.98	19.12	19.02		
1.4	6	0		18.99	19.12	19.04		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -4.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.21	-	17.81	0.0604
10	1	25			24.04			
10	1	49			24.08			
10	25	0			23.23			
10	25	12			23.20			
10	25	25			23.18			
10	50	0			23.16			
10	1	0	16-QAM		23.44		17.04	0.0506
10	1	25			23.36			
10	1	49			23.22			
10	25	0			22.25			
10	25	12			22.19			
10	25	25			22.21			
10	50	0			22.26			
10	1	0	64-QAM		22.51		16.11	0.0408
10	1	25			22.25			
10	1	49			22.24			
10	25	0			21.30			
10	25	12			21.18			
10	25	25			21.17			
10	50	0			21.16			
10	1	0	256-QAM		19.28		12.91	0.0195
10	1	25			19.31			
10	1	49			19.23			
10	25	0			19.24			
10	25	12			19.17			
10	25	25			19.22			
10	50	0			19.19			
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -4.25 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.98	24.20	24.17	17.80	0.0603
5	1	12		23.98	24.02	24.04		
5	1	24		24.02	24.09	24.11		
5	12	0		23.10	23.07	23.09		
5	12	7		23.04	23.10	23.04		
5	12	13		23.03	23.07	23.03		
5	25	0		23.09	23.09	23.09		
5	1	0	16-QAM	23.33	23.47	23.32	17.07	0.0509
5	1	12		23.41	23.36	23.33		
5	1	24		23.28	23.25	23.19		
5	12	0		22.15	22.14	22.08		
5	12	7		22.16	22.12	22.10		
5	12	13		22.11	22.05	22.04		
5	25	0		22.05	22.05	22.05		
5	1	0	64-QAM	22.20	22.23	22.18	15.93	0.0392
5	1	12		22.33	22.17	22.20		
5	1	24		22.20	22.28	22.20		
5	12	0		21.13	21.20	21.13		
5	12	7		21.12	21.11	21.08		
5	12	13		21.13	21.08	21.09		
5	25	0		21.16	21.06	21.07		
5	1	0	256-QAM	19.44	19.36	19.27	13.06	0.0202
5	1	12		19.45	19.36	19.33		
5	1	24		19.46	19.39	19.30		
5	12	0		19.44	19.38	19.31		
5	12	7		19.31	19.30	19.31		
5	12	13		19.30	19.29	19.27		
5	25	0		19.37	19.29	19.27		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.03	24.05	24.01	18.51	0.0710
10	1	25		23.89	23.90	23.96		
10	1	49		23.92	23.81	23.84		
10	25	0		23.05	23.06	23.00		
10	25	12		23.03	23.02	22.95		
10	25	25		23.01	23.02	22.96		
10	50	0		23.02	23.05	22.94		
10	1	0	16-QAM	23.22	23.24	23.22	17.70	0.0589
10	1	25		23.14	23.20	23.11		
10	1	49		23.02	23.18	23.01		
10	25	0		22.08	22.04	22.06		
10	25	12		22.02	22.00	21.98		
10	25	25		21.98	21.97	21.93		
10	50	0		22.01	22.02	21.99		
10	1	0	64-QAM	22.25	22.23	22.35	16.81	0.0480
10	1	25		22.17	22.16	22.09		
10	1	49		22.11	22.07	22.00		
10	25	0		21.03	21.09	21.02		
10	25	12		21.03	21.00	21.04		
10	25	25		21.01	21.04	20.97		
10	50	0		20.96	20.98	20.98		
10	1	0	256-QAM	19.08	19.08	19.11	13.66	0.0232
10	1	25		19.20	19.11	19.16		
10	1	49		19.01	19.18	19.04		
10	25	0		19.10	18.94	19.04		
10	25	12		18.96	19.11	19.02		
10	25	25		19.09	18.92	18.98		
10	50	0		19.02	18.97	19.09		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -3.39 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.01	24.01	23.98	18.47	0.0703
5	1	12		23.83	23.87	23.83		
5	1	24		23.90	23.89	23.83		
5	12	0		22.94	22.90	22.93		
5	12	7		22.91	22.88	22.86		
5	12	13		22.89	22.88	22.82		
5	25	0		22.92	22.90	22.85		
5	1	0	16-QAM	23.12	23.12	23.08	17.69	0.0587
5	1	12		23.03	23.20	23.23		
5	1	24		23.00	23.05	22.95		
5	12	0		21.87	21.90	21.88		
5	12	7		21.94	21.91	21.92		
5	12	13		21.92	21.85	21.82		
5	25	0		21.86	21.85	21.83		
5	1	0	64-QAM	22.00	22.06	22.09	16.55	0.0452
5	1	12		21.98	22.09	22.00		
5	1	24		21.92	22.06	21.84		
5	12	0		20.98	20.99	20.96		
5	12	7		20.95	20.97	20.93		
5	12	13		20.94	20.94	20.94		
5	25	0		20.94	20.98	20.94		
5	1	0	256-QAM	18.99	19.03	18.90	13.52	0.0225
5	1	12		18.98	19.06	18.94		
5	1	24		18.86	18.93	18.82		
5	12	0		18.80	18.87	18.73		
5	12	7		18.83	18.91	18.82		
5	12	13		18.72	18.85	18.75		
5	25	0		18.80	18.87	18.74		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.38	24.33	24.30	17.79	0.0601
15	1	37		24.20	23.97	24.15		
15	1	74		24.23	24.17	24.23		
15	36	0		23.35	23.46	23.29		
15	36	20		23.29	23.38	23.24		
15	36	39		23.27	23.31	23.17		
15	75	0		23.32	23.47	23.23		
15	1	0	16-QAM	23.64	23.79	23.76	17.20	0.0525
15	1	37		23.48	23.76	23.68		
15	1	74		23.44	23.33	23.49		
15	36	0		22.35	22.32	22.33		
15	36	20		22.22	22.45	22.32		
15	36	39		22.21	22.07	22.29		
15	75	0		22.30	22.23	22.32		
15	1	0	64-QAM	22.54	22.60	22.51	16.01	0.0399
15	1	37		22.40	22.40	22.40		
15	1	74		22.27	22.36	22.46		
15	36	0		21.37	21.13	21.39		
15	36	20		21.30	21.19	21.32		
15	36	39		21.23	21.37	21.23		
15	75	0		21.21	21.33	21.31		
15	1	0	256-QAM	19.12	19.11	19.03	12.67	0.0185
15	1	37		19.11	19.06	19.18		
15	1	74		19.03	19.13	19.02		
15	36	0		19.12	19.26	19.21		
15	36	20		19.01	19.07	18.98		
15	36	39		19.10	18.95	19.18		
15	75	0		19.03	19.10	19.12		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.20	24.19	24.27	17.68	0.0586
10	1	25		24.07	24.26	24.19		
10	1	49		24.23	24.20	24.12		
10	25	0		23.17	23.26	23.28		
10	25	12		23.11	23.21	23.26		
10	25	25		23.13	23.30	23.24		
10	50	0		23.21	23.27	23.26		
10	1	0	16-QAM	23.53	23.39	23.60	17.01	0.0502
10	1	25		23.49	23.42	23.51		
10	1	49		23.31	23.35	23.27		
10	25	0		22.18	22.14	22.29		
10	25	12		22.18	22.18	22.21		
10	25	25		22.17	22.17	22.18		
10	50	0		22.29	22.25	22.20		
10	1	0	64-QAM	22.52	22.49	22.51	15.93	0.0392
10	1	25		22.41	22.37	22.34		
10	1	49		22.28	22.37	22.27		
10	25	0		21.13	21.26	21.27		
10	25	12		21.29	21.24	21.25		
10	25	25		21.18	21.13	21.19		
10	50	0		21.24	21.18	21.26		
10	1	0	256-QAM	19.43	19.33	19.30	12.84	0.0192
10	1	25		19.07	19.24	19.13		
10	1	49		19.11	19.33	19.17		
10	25	0		19.22	19.26	19.22		
10	25	12		19.12	19.24	19.24		
10	25	25		19.23	19.32	19.19		
10	50	0		19.26	19.36	19.18		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.42	24.31	24.22	17.83	0.0607
5	1	12		24.13	24.21	24.27		
5	1	24		24.14	24.23	24.25		
5	12	0		23.16	23.33	23.33		
5	12	7		23.18	23.34	23.26		
5	12	13		23.27	23.20	23.30		
5	25	0		23.19	23.28	23.28		
5	1	0	16-QAM	23.37	23.53	23.73	17.14	0.0518
5	1	12		23.59	23.47	23.68		
5	1	24		23.52	23.52	23.50		
5	12	0		22.29	22.16	22.31		
5	12	7		22.17	22.17	22.32		
5	12	13		22.11	22.22	22.23		
5	25	0		22.09	22.30	22.25		
5	1	0	64-QAM	22.20	22.28	22.43	15.84	0.0384
5	1	12		22.37	22.22	22.35		
5	1	24		22.38	22.33	22.32		
5	12	0		21.17	21.28	21.33		
5	12	7		21.11	21.27	21.26		
5	12	13		21.21	21.24	21.21		
5	25	0		21.19	21.16	21.30		
5	1	0	256-QAM	19.28	19.24	19.33	12.82	0.0191
5	1	12		19.16	19.27	19.24		
5	1	24		19.07	19.41	19.31		
5	12	0		19.03	19.15	19.12		
5	12	7		19.14	19.22	19.23		
5	12	13		18.96	19.09	19.15		
5	25	0		19.06	19.19	19.19		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.36	24.15	24.24	17.77	0.0598
3	1	8		23.97	24.23	24.14		
3	1	14		24.13	24.21	24.15		
3	8	0		23.21	23.35	23.28		
3	8	4		23.20	23.06	23.16		
3	8	7		23.22	23.26	23.21		
3	15	0		23.28	23.24	23.32		
3	1	0	16-QAM	23.55	23.47	23.67	17.08	0.0511
3	1	8		23.44	23.33	23.36		
3	1	14		23.44	23.45	23.46		
3	8	0		22.33	22.37	22.30		
3	8	4		22.23	22.28	22.25		
3	8	7		22.29	22.18	22.25		
3	15	0		22.34	22.24	22.32		
3	1	0	64-QAM	22.31	22.35	22.38	15.87	0.0386
3	1	8		22.27	22.38	22.28		
3	1	14		22.29	22.46	22.31		
3	8	0		21.25	21.25	21.26		
3	8	4		21.07	21.08	21.19		
3	8	7		21.24	21.25	21.28		
3	15	0		21.20	21.15	21.19		
3	1	0	256-QAM	19.40	19.44	19.33	12.85	0.0193
3	1	8		19.35	19.42	19.34		
3	1	14		19.33	19.31	19.25		
3	8	0		19.25	19.38	19.31		
3	8	4		19.33	19.31	19.24		
3	8	7		19.39	19.44	19.32		
3	15	0		19.20	19.27	19.14		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.30	24.29	24.26	17.79	0.0601
1.4	1	3		24.06	24.11	24.10		
1.4	1	5		24.29	24.24	24.25		
1.4	3	0		24.33	24.38	24.21		
1.4	3	1		24.20	24.22	24.15		
1.4	3	3		24.16	24.26	24.18		
1.4	6	0		23.22	23.39	23.22		
1.4	1	0	16-QAM	23.67	23.48	23.52	17.08	0.0511
1.4	1	3		23.44	23.54	23.29		
1.4	1	5		23.54	23.65	23.29		
1.4	3	0		23.24	23.33	23.11		
1.4	3	1		23.31	23.36	23.13		
1.4	3	3		23.29	23.35	23.15		
1.4	6	0		22.35	22.28	22.24		
1.4	1	0	64-QAM	22.29	22.29	22.28	15.92	0.0391
1.4	1	3		22.45	22.51	22.34		
1.4	1	5		22.36	22.43	22.31		
1.4	3	0		22.14	22.40	22.23		
1.4	3	1		22.39	22.22	22.15		
1.4	3	3		22.36	22.30	22.23		
1.4	6	0		21.30	21.11	21.09		
1.4	1	0	256-QAM	19.32	19.49	19.39	12.91	0.0195
1.4	1	3		19.41	19.39	19.25		
1.4	1	5		19.36	19.45	19.39		
1.4	3	0		19.38	19.36	19.38		
1.4	3	1		19.40	19.50	19.38		
1.4	3	3		19.30	19.44	19.34		
1.4	6	0		19.45	19.45	19.31		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.09	24.12	24.10	24.52	0.2831
20	1	49		24.00	24.10	24.01		
20	1	99		23.88	23.93	23.90		
20	50	0		23.03	23.07	23.06		
20	50	24		23.00	23.00	23.01		
20	50	50		22.96	22.95	22.97		
20	100	0		22.96	22.99	22.94		
20	1	0	16-QAM	23.13	23.19	23.18	23.59	0.2286
20	1	49		23.07	23.15	23.13		
20	1	99		22.97	23.02	23.00		
20	50	0		22.02	22.08	22.04		
20	50	24		21.99	22.02	22.01		
20	50	50		21.93	21.97	21.96		
20	100	0		21.97	22.01	21.99		
20	1	0	64-QAM	21.72	21.78	21.75	22.31	0.1702
20	1	49		21.83	21.91	21.90		
20	1	99		21.56	21.57	21.58		
20	50	0		21.03	21.06	21.05		
20	50	24		20.98	21.00	21.00		
20	50	50		20.94	20.96	20.95		
20	100	0		20.97	20.98	20.97		
20	1	0	256-QAM	19.10	19.26	19.14	19.72	0.0938
20	1	49		19.11	19.13	19.24		
20	1	99		19.05	19.06	19.07		
20	50	0		19.23	19.28	19.13		
20	50	24		19.17	19.23	19.11		
20	50	50		19.17	19.32	19.12		
20	100	0		19.14	19.27	19.22		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.10	24.09	24.08	24.50	0.2818
15	1	37		23.97	23.93	23.98		
15	1	74		24.04	24.03	24.01		
15	36	0		23.09	23.09	23.11		
15	36	20		23.06	23.04	23.04		
15	36	39		23.03	23.02	23.02		
15	75	0		23.05	23.07	23.06		
15	1	0	16-QAM	23.21	23.21	23.21	23.61	0.2296
15	1	37		23.09	23.09	23.08		
15	1	74		23.11	23.11	23.12		
15	36	0		22.03	22.04	22.03		
15	36	20		22.00	22.00	21.99		
15	36	39		21.98	21.97	21.97		
15	75	0		22.06	22.07	22.06		
15	1	0	64-QAM	21.79	21.81	21.80	22.21	0.1663
15	1	37		21.72	21.64	21.71		
15	1	74		21.67	21.67	21.67		
15	36	0		21.07	21.08	21.07		
15	36	20		21.04	21.00	21.03		
15	36	39		21.02	21.01	21.01		
15	75	0		21.04	21.05	21.04		
15	1	0	256-QAM	18.96	18.97	18.91	19.48	0.0887
15	1	37		18.96	19.00	18.89		
15	1	74		18.69	18.79	18.70		
15	36	0		19.02	19.08	18.97		
15	36	20		18.95	19.05	18.99		
15	36	39		18.94	19.02	18.93		
15	75	0		18.91	19.01	18.94		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.05	24.03	24.05	24.45	0.2786
10	1	25		24.00	23.96	24.00		
10	1	49		24.00	24.02	23.99		
10	25	0		23.05	23.11	23.03		
10	25	12		23.02	23.06	23.02		
10	25	25		23.02	23.03	22.99		
10	50	0		23.03	23.05	23.00		
10	1	0	16-QAM	23.19	23.19	23.18	23.70	0.2344
10	1	25		23.28	23.30	23.29		
10	1	49		23.08	23.09	23.08		
10	25	0		22.05	22.07	22.03		
10	25	12		22.02	22.04	22.01		
10	25	25		22.01	22.03	21.99		
10	50	0		22.06	22.07	22.04		
10	1	0	64-QAM	21.68	21.78	21.66	22.18	0.1652
10	1	25		21.41	21.73	21.37		
10	1	49		21.69	21.64	21.64		
10	25	0		21.11	21.12	21.09		
10	25	12		21.08	21.08	21.04		
10	25	25		21.03	21.07	21.00		
10	50	0		21.06	21.07	21.02		
10	1	0	256-QAM	18.91	18.97	18.91	19.45	0.0881
10	1	25		18.88	18.93	18.78		
10	1	49		18.63	18.77	18.67		
10	25	0		18.96	19.05	18.93		
10	25	12		18.91	19.00	18.89		
10	25	25		18.92	19.01	18.89		
10	50	0		18.82	18.94	18.81		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.53	24.02	24.03	24.50	0.2818
5	1	12		23.27	24.10	24.07		
5	1	24		23.47	24.01	23.98		
5	12	0		22.57	23.03	22.99		
5	12	7		22.60	23.02	23.02		
5	12	13		22.48	23.01	22.98		
5	25	0		22.53	23.04	23.00		
5	1	0	16-QAM	22.55	23.08	23.07	23.49	0.2234
5	1	12		22.48	23.03	23.01		
5	1	24		22.57	23.09	23.08		
5	12	0		21.50	22.00	21.98		
5	12	7		21.45	21.93	21.94		
5	12	13		21.49	21.98	21.95		
5	25	0		21.55	22.03	21.99		
5	1	0	64-QAM	21.24	21.72	21.70	22.12	0.1629
5	1	12		21.23	21.68	21.69		
5	1	24		21.21	21.69	21.67		
5	12	0		20.59	21.10	21.07		
5	12	7		20.56	21.06	21.03		
5	12	13		20.57	21.06	21.04		
5	25	0		20.59	21.09	21.05		
5	1	0	256-QAM	18.93	18.92	18.83	19.40	0.0871
5	1	12		18.93	18.95	18.84		
5	1	24		18.69	18.75	18.58		
5	12	0		18.97	18.98	18.92		
5	12	7		18.95	19.00	18.97		
5	12	13		18.86	18.99	18.81		
5	25	0		18.95	18.96	18.82		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.99	26.11	25.92	26.51	0.4477
20	1	49		25.90	25.87	25.81		
20	1	99		25.83	25.84	25.76		
20	50	0		25.10	25.16	24.97		
20	50	24		25.03	25.09	24.91		
20	50	50		24.98	25.04	24.87		
20	100	0		25.01	24.98	24.92		
20	1	0	16-QAM	25.33	25.35	25.28	25.75	0.3758
20	1	49		25.27	25.26	25.20		
20	1	99		25.19	25.19	25.13		
20	50	0		24.08	24.10	24.00		
20	50	24		24.05	24.03	23.96		
20	50	50		23.99	23.97	23.91		
20	100	0		24.02	23.99	23.94		
20	1	0	64-QAM	24.11	24.06	24.05	24.51	0.2825
20	1	49		24.02	24.00	23.97		
20	1	99		23.94	23.90	23.90		
20	50	0		23.00	23.33	22.94		
20	50	24		22.96	22.94	22.86		
20	50	50		22.92	22.88	22.84		
20	100	0		22.95	22.92	22.88		
20	1	0	256-QAM	21.11	21.23	21.12	21.70	0.1479
20	1	49		21.11	21.25	21.08		
20	1	99		21.00	21.10	21.03		
20	50	0		21.17	21.12	21.15		
20	50	24		21.08	21.18	21.02		
20	50	50		21.12	21.30	21.11		
20	100	0		21.12	21.30	21.14		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	26.00	26.01	26.04	26.50	0.4467
15	1	37		26.08	26.09	26.10		
15	1	74		25.91	25.92	25.90		
15	36	0		25.02	25.02	25.03		
15	36	20		24.99	24.99	24.98		
15	36	39		24.98	24.96	24.96		
15	75	0		24.96	24.96	24.96		
15	1	0	16-QAM	25.29	25.29	25.32	25.78	0.3784
15	1	37		25.37	25.38	25.38		
15	1	74		25.19	25.21	25.19		
15	36	0		24.01	24.01	24.01		
15	36	20		23.99	23.97	23.98		
15	36	39		23.96	23.95	23.97		
15	75	0		23.99	23.99	23.99		
15	1	0	64-QAM	24.04	24.04	24.06	24.48	0.2805
15	1	37		24.06	24.06	24.08		
15	1	74		23.93	23.93	23.94		
15	36	0		22.96	22.96	22.98		
15	36	20		22.94	22.92	22.94		
15	36	39		22.90	22.90	22.93		
15	75	0		22.94	22.94	22.97		
15	1	0	256-QAM	21.01	21.03	21.04	21.46	0.1400
15	1	37		20.99	21.05	21.00		
15	1	74		20.88	20.88	20.85		
15	36	0		21.00	21.03	21.06		
15	36	20		20.88	20.98	21.01		
15	36	39		20.94	20.97	20.91		
15	75	0		21.01	21.02	21.02		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.85	25.89	25.89	26.29	0.4256
10	1	25		25.86	25.88	25.83		
10	1	49		25.82	25.85	25.82		
10	25	0		24.96	24.98	24.93		
10	25	12		24.94	24.96	24.90		
10	25	25		24.92	24.94	24.90		
10	50	0		24.97	24.99	24.93		
10	1	0	16-QAM	25.23	25.28	25.25	25.85	0.3846
10	1	25		25.39	25.45	25.40		
10	1	49		25.18	25.20	25.16		
10	25	0		23.99	24.02	23.98		
10	25	12		23.96	24.00	23.95		
10	25	25		23.96	23.98	23.94		
10	50	0		24.00	24.01	23.96		
10	1	0	64-QAM	24.03	24.04	24.02	24.54	0.2844
10	1	25		24.11	24.14	24.11		
10	1	49		23.93	23.95	23.92		
10	25	0		23.01	23.03	23.00		
10	25	12		22.98	23.01	22.96		
10	25	25		22.97	22.98	22.95		
10	50	0		22.94	22.93	22.89		
10	1	0	256-QAM	20.88	20.94	20.89	21.39	0.1377
10	1	25		20.77	20.83	20.69		
10	1	49		20.79	20.83	20.70		
10	25	0		20.97	20.97	20.88		
10	25	12		20.94	20.95	20.87		
10	25	25		20.97	20.96	20.88		
10	50	0		20.96	20.99	20.89		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.92	25.94	25.91	26.45	0.4416
5	1	12		26.01	26.05	25.98		
5	1	24		25.88	25.90	25.84		
5	12	0		24.97	24.97	24.91		
5	12	7		24.95	24.99	24.92		
5	12	13		24.96	24.95	24.88		
5	25	0		25.01	25.01	24.92		
5	1	0	16-QAM	25.28	25.28	25.24	25.81	0.3811
5	1	12		25.41	25.41	25.37		
5	1	24		25.27	25.24	25.21		
5	12	0		24.04	24.03	23.98		
5	12	7		24.01	23.99	23.93		
5	12	13		24.03	24.00	23.95		
5	25	0		24.05	24.02	23.95		
5	1	0	64-QAM	24.00	23.98	23.96	24.43	0.2773
5	1	12		23.96	24.00	24.03		
5	1	24		23.99	23.96	23.92		
5	12	0		23.05	23.01	22.98		
5	12	7		23.00	22.96	22.95		
5	12	13		23.03	22.98	22.95		
5	25	0		23.03	23.01	22.97		
5	1	0	256-QAM	20.89	20.90	20.84	21.47	0.1403
5	1	12		21.06	21.07	20.98		
5	1	24		20.90	20.88	20.82		
5	12	0		20.98	21.03	20.96		
5	12	7		20.93	21.00	20.95		
5	12	13		20.93	21.01	20.95		
5	25	0		20.99	20.97	20.86		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.02	24.23	24.21	24.63	0.2904
20	1	49		23.86	24.18	24.12		
20	1	99		23.96	24.05	24.03		
20	50	0		23.02	23.21	23.16		
20	50	24		22.98	23.17	23.11		
20	50	50		22.96	23.13	23.08		
20	100	0		22.91	23.10	23.04		
20	1	0	16-QAM	23.06	23.31	23.26	23.71	0.2350
20	1	49		23.09	23.26	23.26		
20	1	99		23.00	23.14	23.14		
20	50	0		21.96	22.20	22.14		
20	50	24		21.95	22.15	22.11		
20	50	50		21.95	22.10	22.05		
20	100	0		21.93	22.15	22.08		
20	1	0	64-QAM	21.71	21.90	21.89	22.44	0.1754
20	1	49		21.95	22.04	22.02		
20	1	99		21.67	21.72	21.62		
20	50	0		21.07	21.20	21.15		
20	50	24		21.05	21.13	21.11		
20	50	50		21.03	21.09	20.99		
20	100	0		21.03	21.15	21.09		
20	1	0	256-QAM	19.24	19.39	19.38	19.79	0.0953
20	1	49		19.24	19.31	19.37		
20	1	99		19.22	19.34	19.15		
20	50	0		19.25	19.36	19.26		
20	50	24		19.26	19.26	19.23		
20	50	50		19.23	19.28	19.23		
20	100	0		19.30	19.31	19.22		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.93	24.14	24.11	24.60	0.2884
15	1	37		23.77	24.20	23.96		
15	1	74		23.91	24.03	24.01		
15	36	0		22.94	23.09	23.08		
15	36	20		22.92	23.05	23.03		
15	36	39		22.91	23.02	23.02		
15	75	0		22.90	23.06	23.03		
15	1	0	16-QAM	23.05	23.21	23.20	23.61	0.2296
15	1	37		22.94	23.10	23.08		
15	1	74		23.00	23.11	23.13		
15	36	0		21.89	22.04	22.02		
15	36	20		21.86	22.01	21.99		
15	36	39		21.86	21.98	21.97		
15	75	0		21.93	22.07	22.06		
15	1	0	64-QAM	21.62	21.81	21.77	22.21	0.1663
15	1	37		21.52	21.65	21.67		
15	1	74		21.55	21.68	21.65		
15	36	0		20.89	21.08	21.04		
15	36	20		20.87	21.04	21.00		
15	36	39		20.87	21.01	20.97		
15	75	0		20.89	21.05	21.01		
15	1	0	256-QAM	18.70	18.98	18.89	19.48	0.0887
15	1	37		18.84	19.02	18.94		
15	1	74		18.70	18.80	18.73		
15	36	0		18.89	19.08	19.03		
15	36	20		18.89	19.06	18.99		
15	36	39		18.90	19.02	18.97		
15	75	0		18.91	19.07	19.02		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.42	23.56	23.57	23.97	0.2495
10	1	25		23.37	23.48	23.53		
10	1	49		23.44	23.53	23.54		
10	25	0		22.41	22.64	22.53		
10	25	12		22.41	22.58	22.52		
10	25	25		22.42	22.51	22.49		
10	50	0		22.43	22.52	22.49		
10	1	0	16-QAM	22.59	22.67	22.73	23.19	0.2084
10	1	25		22.71	22.79	22.75		
10	1	49		22.51	22.56	22.63		
10	25	0		21.46	21.58	21.59		
10	25	12		21.43	21.56	21.56		
10	25	25		21.44	21.53	21.54		
10	50	0		21.46	21.58	21.57		
10	1	0	64-QAM	21.16	21.31	21.27	21.82	0.1521
10	1	25		21.33	21.37	21.42		
10	1	49		21.12	21.22	21.19		
10	25	0		20.54	20.63	20.60		
10	25	12		20.51	20.59	20.57		
10	25	25		20.51	20.59	20.55		
10	50	0		20.49	20.58	20.55		
10	1	0	256-QAM	18.24	18.41	18.32	18.99	0.0793
10	1	25		18.13	18.22	18.14		
10	1	49		18.21	18.29	18.22		
10	25	0		18.45	18.54	18.52		
10	25	12		18.43	18.52	18.48		
10	25	25		18.43	18.49	18.48		
10	50	0		18.47	18.59	18.59		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.44	23.55	23.50	24.00	0.2512
5	1	12		23.27	23.29	23.60		
5	1	24		23.43	23.49	23.48		
5	12	0		22.40	22.52	22.44		
5	12	7		22.43	22.51	22.46		
5	12	13		22.39	22.50	22.42		
5	25	0		22.43	22.52	22.45		
5	1	0	16-QAM	22.51	22.56	22.58	22.99	0.1991
5	1	12		22.43	22.50	22.51		
5	1	24		22.54	22.58	22.59		
5	12	0		21.43	21.51	21.47		
5	12	7		21.40	21.45	21.45		
5	12	13		21.41	21.48	21.46		
5	25	0		21.45	21.54	21.50		
5	1	0	64-QAM	21.13	21.25	21.20	21.74	0.1493
5	1	12		21.27	21.34	21.34		
5	1	24		21.13	21.22	21.18		
5	12	0		20.51	20.59	20.55		
5	12	7		20.47	20.54	20.51		
5	12	13		20.49	20.56	20.52		
5	25	0		20.51	20.57	20.54		
5	1	0	256-QAM	18.20	18.35	18.23	18.99	0.0793
5	1	12		18.41	18.50	18.42		
5	1	24		18.24	18.31	18.20		
5	12	0		18.47	18.59	18.52		
5	12	7		18.42	18.56	18.48		
5	12	13		18.46	18.57	18.50		
5	25	0		18.45	18.53	18.41		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.90	26.13	26.11	26.53	0.4498
20	1	49		25.89	26.08	26.02		
20	1	99		25.93	25.95	25.93		
20	50	0		25.17	25.21	25.20		
20	50	24		25.15	25.17	25.01		
20	50	50		25.12	25.13	24.98		
20	100	0		25.12	25.20	25.14		
20	1	0	16-QAM	25.20	25.21	25.16	25.66	0.3681
20	1	49		25.26	25.16	25.16		
20	1	99		25.25	25.04	25.04		
20	50	0		24.14	24.10	24.04		
20	50	24		24.13	24.05	24.01		
20	50	50		24.12	24.00	23.95		
20	100	0		24.11	24.05	23.98		
20	1	0	64-QAM	24.15	23.80	23.79	24.57	0.2864
20	1	49		24.17	23.94	23.92		
20	1	99		24.14	23.62	23.52		
20	50	0		23.04	23.10	23.05		
20	50	24		23.02	23.03	23.01		
20	50	50		22.99	22.99	22.89		
20	100	0		23.08	23.05	22.99		
20	1	0	256-QAM	21.08	21.20	21.16	21.78	0.1507
20	1	49		21.03	21.27	21.02		
20	1	99		20.79	21.15	20.85		
20	50	0		21.10	21.15	21.27		
20	50	24		21.02	21.21	21.27		
20	50	50		20.76	21.10	21.27		
20	100	0		20.92	21.19	21.38		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.73	26.11	26.05	26.51	0.4477
15	1	37		25.83	26.01	25.85		
15	1	74		25.78	26.00	25.92		
15	36	0		24.90	25.12	25.11		
15	36	20		24.88	25.07	25.06		
15	36	39		24.89	25.05	25.06		
15	75	0		24.89	25.05	25.03		
15	1	0	16-QAM	24.99	25.40	25.32	25.85	0.3846
15	1	37		25.16	25.45	25.38		
15	1	74		25.05	25.28	25.21		
15	36	0		23.90	24.10	24.11		
15	36	20		23.89	24.06	24.08		
15	36	39		23.87	24.05	24.08		
15	75	0		23.89	24.08	24.08		
15	1	0	64-QAM	23.86	24.13	24.12	24.53	0.2838
15	1	37		23.79	23.96	23.97		
15	1	74		23.83	24.01	24.02		
15	36	0		22.88	23.05	23.06		
15	36	20		22.86	23.02	23.03		
15	36	39		22.85	22.99	23.02		
15	75	0		22.86	23.04	23.03		
15	1	0	256-QAM	20.85	21.06	21.02	21.49	0.1409
15	1	37		20.82	21.09	21.01		
15	1	74		20.68	20.93	20.88		
15	36	0		20.83	21.07	21.06		
15	36	20		20.76	21.04	20.96		
15	36	39		20.81	21.01	20.93		
15	75	0		20.83	21.03	21.02		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.23	25.41	25.37	25.81	0.3811
10	1	25		25.22	25.40	25.34		
10	1	49		25.29	25.36	25.30		
10	25	0		24.89	24.99	24.94		
10	25	12		24.88	24.98	24.90		
10	25	25		24.88	24.95	24.90		
10	50	0		24.95	25.04	24.95		
10	1	0	16-QAM	24.96	25.29	25.22	25.76	0.3767
10	1	25		25.18	25.20	25.36		
10	1	49		25.02	25.19	25.15		
10	25	0		23.90	24.02	24.00		
10	25	12		23.87	23.99	23.95		
10	25	25		23.87	23.97	23.94		
10	50	0		23.93	24.01	23.98		
10	1	0	64-QAM	23.83	24.04	24.04	24.53	0.2838
10	1	25		23.96	24.12	24.13		
10	1	49		23.83	23.95	23.95		
10	25	0		22.90	23.01	23.02		
10	25	12		22.88	23.00	22.97		
10	25	25		22.88	22.98	22.96		
10	50	0		22.87	22.94	22.91		
10	1	0	256-QAM	20.85	20.97	20.88	21.40	0.1380
10	1	25		20.75	20.87	20.78		
10	1	49		20.67	20.84	20.81		
10	25	0		20.91	20.99	20.86		
10	25	12		20.90	20.97	20.92		
10	25	25		20.82	20.93	20.80		
10	50	0		20.90	21.00	20.94		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 0.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.17	25.46	25.36	25.94	0.3926
5	1	12		25.29	25.54	25.45		
5	1	24		25.18	25.38	25.29		
5	12	0		24.83	24.94	24.85		
5	12	7		24.87	25.02	24.87		
5	12	13		24.84	25.01	24.82		
5	25	0		24.89	24.96	24.89		
5	1	0	16-QAM	24.95	25.24	25.17	25.78	0.3784
5	1	12		25.10	25.38	25.29		
5	1	24		25.00	25.22	25.12		
5	12	0		23.87	24.00	23.93		
5	12	7		23.85	23.94	23.92		
5	12	13		23.86	23.96	23.92		
5	25	0		23.88	23.98	23.93		
5	1	0	64-QAM	23.79	23.96	23.96	24.45	0.2786
5	1	12		23.89	24.05	24.04		
5	1	24		23.79	23.93	23.92		
5	12	0		22.88	23.00	22.96		
5	12	7		22.87	22.95	22.95		
5	12	13		22.85	22.97	22.93		
5	25	0		22.89	22.98	22.96		
5	1	0	256-QAM	20.74	20.91	20.80	21.45	0.1396
5	1	12		20.95	21.05	20.97		
5	1	24		20.80	20.89	20.86		
5	12	0		20.94	21.03	21.01		
5	12	7		20.89	21.01	20.92		
5	12	13		20.91	21.01	20.91		
5	25	0		20.81	20.96	20.86		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -0.93 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)			
10	1	0	QPSK	-	23.43	-	22.50	0.1778			
10	1	25			23.34						
10	1	49			23.30						
10	25	0			22.59						
10	25	12			22.55						
10	25	25			22.56						
10	50	0			22.55						
10	1	0	16-QAM		22.63		-	21.70	0.1479		
10	1	25			22.56						
10	1	49			22.53						
10	25	0			21.44						
10	25	12			21.39						
10	25	25			21.39						
10	50	0			21.32						
10	1	0	64-QAM		21.49			-	20.56	0.1138	
10	1	25			21.43						
10	1	49			21.43						
10	25	0			20.46						
10	25	12			20.41						
10	25	25			20.38						
10	50	0			20.41						
10	1	0	256-QAM		19.18				-	18.25	0.0668
10	1	25			19.03						
10	1	49			19.00						
10	25	0			19.01						
10	25	12			18.94						
10	25	25			18.87						
10	50	0			18.90						
Limit	EIRP < 250W/5MHz			Result						Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -0.93 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.35	23.31	23.26	22.44	0.1754
5	1	12		23.26	23.37	23.28		
5	1	24		23.26	23.33	23.30		
5	12	0		22.41	22.58	22.53		
5	12	7		22.44	22.53	22.60		
5	12	13		22.46	22.55	22.53		
5	25	0		22.47	22.44	22.59		
5	1	0	16-QAM	22.75	22.80	22.81	22.11	0.1626
5	1	12		22.81	22.91	23.04		
5	1	24		22.92	22.68	22.83		
5	12	0		21.40	21.52	21.58		
5	12	7		21.46	21.62	21.60		
5	12	13		21.52	21.51	21.57		
5	25	0		21.46	21.50	21.59		
5	1	0	64-QAM	21.46	21.61	21.90	20.97	0.1250
5	1	12		21.50	21.63	21.79		
5	1	24		21.60	21.80	21.75		
5	12	0		20.44	20.49	20.74		
5	12	7		20.40	20.55	20.65		
5	12	13		20.44	20.57	20.68		
5	25	0		20.37	20.57	20.61		
5	1	0	256-QAM	19.17	19.13	19.15	18.24	0.0667
5	1	12		19.02	18.95	18.99		
5	1	24		18.96	18.92	18.91		
5	12	0		18.95	18.99	18.97		
5	12	7		18.87	18.83	18.84		
5	12	13		18.78	18.83	18.83		
5	25	0		18.89	18.84	18.84		
Limit	EIRP < 250W/5MHz			Result			Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.95	23.78	23.99	22.84	0.1923
20	1	49		23.65	23.53	23.74		
20	1	99		23.88	23.71	23.85		
20	50	0		22.93	22.82	22.94		
20	50	24		22.92	22.82	22.88		
20	50	50		22.86	22.78	22.85		
20	100	0		22.82	22.80	22.88		
20	1	0	16-QAM	23.16	22.99	23.20	22.21	0.1663
20	1	49		22.79	22.73	23.05		
20	1	99		23.09	22.73	23.36		
20	50	0		21.93	21.71	21.85		
20	50	24		21.81	21.86	21.91		
20	50	50		21.79	21.79	21.80		
20	100	0		21.81	21.81	21.90		
20	1	0	64-QAM	22.09	22.08	22.24	21.09	0.1285
20	1	49		21.95	22.18	22.20		
20	1	99		21.98	22.21	22.20		
20	50	0		20.95	20.91	21.10		
20	50	24		20.95	20.91	20.93		
20	50	50		20.84	20.85	20.95		
20	100	0		20.89	20.85	21.01		
20	1	0	256-QAM	19.13	19.13	19.14	17.99	0.0630
20	1	49		19.07	18.96	19.08		
20	1	99		19.14	19.02	19.05		
20	50	0		19.10	18.94	19.09		
20	50	24		19.06	19.03	19.04		
20	50	50		18.95	18.86	19.00		
20	100	0		19.02	19.02	19.04		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.92	23.67	23.93	22.78	0.1897
15	1	37		23.68	23.65	23.87		
15	1	74		23.77	23.62	23.83		
15	36	0		22.73	22.79	22.79		
15	36	20		22.75	22.78	22.84		
15	36	39		22.72	22.71	22.82		
15	75	0		22.68	22.74	22.78		
15	1	0	16-QAM	23.12	23.17	23.16	22.14	0.1637
15	1	37		23.09	23.11	23.29		
15	1	74		23.01	23.18	23.15		
15	36	0		21.83	21.83	21.92		
15	36	20		21.72	21.85	21.95		
15	36	39		21.75	21.83	21.82		
15	75	0		21.72	21.73	21.97		
15	1	0	64-QAM	22.07	22.00	22.20	21.05	0.1274
15	1	37		21.98	22.06	22.04		
15	1	74		22.00	21.95	22.12		
15	36	0		20.90	20.92	20.93		
15	36	20		20.87	20.95	21.02		
15	36	39		20.79	20.84	20.91		
15	75	0		20.90	20.85	20.96		
15	1	0	256-QAM	19.11	19.04	19.08	17.96	0.0625
15	1	37		18.97	18.93	19.04		
15	1	74		19.06	18.94	18.94		
15	36	0		19.06	18.84	18.99		
15	36	20		19.04	18.93	18.94		
15	36	39		18.93	18.76	18.91		
15	75	0		18.98	18.97	18.97		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.87	23.75	23.94	22.79	0.1901
10	1	25		23.75	23.68	23.88		
10	1	49		23.79	23.65	23.85		
10	25	0		22.85	22.80	22.91		
10	25	12		22.78	22.78	22.82		
10	25	25		22.75	22.73	22.77		
10	50	0		22.78	22.88	22.80		
10	1	0	16-QAM	23.07	22.95	23.13	22.03	0.1596
10	1	25		22.99	22.98	23.17		
10	1	49		22.93	23.06	23.18		
10	25	0		21.87	21.88	21.86		
10	25	12		21.79	21.75	21.87		
10	25	25		21.76	21.77	21.88		
10	50	0		21.79	21.79	21.90		
10	1	0	64-QAM	21.99	21.97	22.19	21.10	0.1288
10	1	25		22.06	21.93	22.25		
10	1	49		21.99	21.99	22.04		
10	25	0		20.84	20.79	21.00		
10	25	12		20.79	20.78	20.96		
10	25	25		20.81	20.79	20.92		
10	50	0		20.89	20.86	20.91		
10	1	0	256-QAM	19.05	19.06	19.13	17.98	0.0628
10	1	25		19.04	18.90	18.99		
10	1	49		19.07	18.96	18.96		
10	25	0		19.02	18.84	18.99		
10	25	12		19.00	18.94	19.02		
10	25	25		18.84	18.81	18.95		
10	50	0		18.91	18.98	18.95		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.84	23.71	23.88	22.74	0.1879
5	1	12		23.81	23.77	23.89		
5	1	24		23.82	23.77	23.86		
5	12	0		22.83	22.79	22.94		
5	12	7		22.79	22.87	22.91		
5	12	13		22.75	22.77	22.77		
5	25	0		22.71	22.77	22.79		
5	1	0	16-QAM	23.04	23.01	23.24	22.09	0.1618
5	1	12		23.15	23.12	23.24		
5	1	24		23.09	22.96	23.24		
5	12	0		21.80	21.71	21.86		
5	12	7		21.80	21.77	21.91		
5	12	13		21.85	21.77	21.92		
5	25	0		21.80	21.72	21.91		
5	1	0	64-QAM	21.86	21.88	22.19	21.04	0.1271
5	1	12		22.02	21.92	22.11		
5	1	24		22.01	21.87	22.14		
5	12	0		20.81	20.85	21.03		
5	12	7		20.87	20.82	20.94		
5	12	13		20.88	20.82	21.07		
5	25	0		20.81	20.87	20.98		
5	1	0	256-QAM	19.05	19.08	19.05	17.93	0.0621
5	1	12		19.02	18.86	19.01		
5	1	24		19.06	18.93	18.94		
5	12	0		19.00	18.92	19.04		
5	12	7		18.98	19.01	18.98		
5	12	13		18.88	18.79	18.99		
5	25	0		18.95	18.96	18.97		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.85	23.72	23.94	22.79	0.1901
3	1	8		23.86	23.68	23.92		
3	1	14		23.85	23.70	23.89		
3	8	0		22.78	22.75	22.91		
3	8	4		22.85	22.78	22.87		
3	8	7		22.83	22.85	22.90		
3	15	0		22.87	22.71	22.94		
3	1	0	16-QAM	23.12	22.99	23.20	22.09	0.1618
3	1	8		23.11	22.98	23.05		
3	1	14		23.15	23.16	23.24		
3	8	0		21.92	21.78	21.91		
3	8	4		21.88	21.87	21.82		
3	8	7		21.86	21.73	21.96		
3	15	0		21.89	21.87	21.90		
3	1	0	64-QAM	22.04	21.86	22.03	20.89	0.1227
3	1	8		21.95	21.73	22.00		
3	1	14		22.04	21.84	21.94		
3	8	0		20.94	20.73	20.95		
3	8	4		20.96	20.77	20.96		
3	8	7		20.95	20.82	20.98		
3	15	0		20.84	20.76	20.98		
3	1	0	256-QAM	19.04	19.04	19.06	17.96	0.0625
3	1	8		19.04	18.92	19.04		
3	1	14		19.11	19.01	18.98		
3	8	0		18.99	18.87	19.07		
3	8	4		19.02	19.00	19.03		
3	8	7		18.88	18.77	18.93		
3	15	0		18.93	18.99	18.96		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -1.15 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.88	23.66	23.96	22.81	0.1910
1.4	1	3		23.72	23.65	23.78		
1.4	1	5		23.79	23.78	23.90		
1.4	3	0		23.74	23.79	23.88		
1.4	3	1		23.65	23.74	23.80		
1.4	3	3		23.77	23.66	23.84		
1.4	6	0		22.78	22.66	22.79		
1.4	1	0	16-QAM	23.19	22.90	23.13	22.05	0.1603
1.4	1	3		23.02	22.91	23.09		
1.4	1	5		23.20	23.00	23.05		
1.4	3	0		22.67	22.60	22.70		
1.4	3	1		22.83	22.79	22.86		
1.4	3	3		22.68	22.67	22.89		
1.4	6	0		21.86	21.86	21.97		
1.4	1	0	64-QAM	22.03	21.85	21.96	20.93	0.1239
1.4	1	3		21.87	21.94	22.08		
1.4	1	5		21.99	21.88	21.97		
1.4	3	0		21.86	21.85	21.88		
1.4	3	1		21.93	21.85	21.92		
1.4	3	3		22.04	21.77	21.99		
1.4	6	0		20.81	20.76	20.79		
1.4	1	0	256-QAM	19.05	19.05	19.06	17.94	0.0622
1.4	1	3		19.06	18.85	18.97		
1.4	1	5		19.09	18.91	18.95		
1.4	3	0		18.99	18.87	19.00		
1.4	3	1		19.02	18.95	19.01		
1.4	3	3		18.94	18.79	18.97		
1.4	6	0		18.99	18.97	19.02		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.24	24.28	24.27	17.22	0.0527
20	1	49		23.92	23.92	23.86		
20	1	99		23.94	23.95	23.86		
20	50	0		23.44	23.58	23.41		
20	50	24		23.42	23.44	23.30		
20	50	50		23.31	23.35	23.29		
20	100	0		23.44	23.50	23.39		
20	1	0	16-QAM	23.32	23.39	23.29	16.33	0.0430
20	1	49		23.23	23.34	23.26		
20	1	99		23.26	23.35	23.23		
20	50	0		22.23	22.28	22.24		
20	50	24		22.19	22.21	22.19		
20	50	50		22.19	22.23	22.22		
20	100	0		22.16	22.21	22.26		
20	1	0	64-QAM	22.24	22.31	22.28	15.25	0.0335
20	1	49		22.16	22.27	22.22		
20	1	99		22.19	22.23	22.18		
20	50	0		21.28	21.29	21.23		
20	50	24		21.27	21.21	21.25		
20	50	50		21.21	21.22	21.13		
20	100	0		21.28	21.23	21.11		
20	1	0	256-QAM	19.12	19.23	19.21	12.17	0.0165
20	1	49		19.11	19.02	18.91		
20	1	99		19.18	19.16	19.06		
20	50	0		19.08	19.02	18.94		
20	50	24		19.12	19.15	19.02		
20	50	50		19.05	18.92	18.84		
20	100	0		19.12	19.03	19.02		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.09	24.03	23.98	17.03	0.0505
15	1	37		23.77	23.75	23.75		
15	1	74		23.80	23.73	23.66		
15	36	0		23.32	23.28	23.24		
15	36	20		23.23	23.21	23.20		
15	36	39		23.17	23.13	23.11		
15	75	0		23.26	23.26	23.21		
15	1	0	16-QAM	23.55	23.60	23.48	16.54	0.0451
15	1	37		23.52	23.49	23.51		
15	1	74		23.37	23.30	23.12		
15	36	0		22.25	22.27	22.30		
15	36	20		22.22	22.19	22.21		
15	36	39		22.15	22.11	22.10		
15	75	0		22.25	22.20	22.24		
15	1	0	64-QAM	22.43	22.41	22.41	15.37	0.0344
15	1	37		22.29	22.37	22.28		
15	1	74		22.23	22.15	22.15		
15	36	0		21.27	21.25	21.23		
15	36	20		21.20	21.12	21.16		
15	36	39		21.13	21.07	21.07		
15	75	0		21.15	21.11	21.13		
15	1	0	256-QAM	19.41	19.44	19.45	12.39	0.0173
15	1	37		19.25	19.27	19.22		
15	1	74		19.19	19.23	19.22		
15	36	0		19.21	19.27	19.29		
15	36	20		19.20	19.16	19.11		
15	36	39		19.10	19.12	19.13		
15	75	0		19.17	19.19	19.19		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.95	23.94	23.90	16.89	0.0489
10	1	25		23.84	23.84	23.81		
10	1	49		23.79	23.81	23.74		
10	25	0		23.26	23.27	23.18		
10	25	12		23.15	23.23	23.16		
10	25	25		23.13	23.17	23.07		
10	50	0		23.19	23.22	23.16		
10	1	0	16-QAM	23.48	23.44	23.53	16.47	0.0444
10	1	25		23.32	23.48	23.36		
10	1	49		23.44	23.42	23.10		
10	25	0		22.23	22.26	22.24		
10	25	12		22.15	22.21	22.17		
10	25	25		22.14	22.22	22.08		
10	50	0		22.20	22.23	22.15		
10	1	0	64-QAM	22.34	22.46	22.47	15.41	0.0348
10	1	25		22.17	22.38	22.37		
10	1	49		22.21	22.26	22.05		
10	25	0		21.18	21.20	21.21		
10	25	12		21.10	21.19	21.20		
10	25	25		21.06	21.14	21.07		
10	50	0		21.13	21.19	21.10		
10	1	0	256-QAM	19.28	19.43	19.33	12.37	0.0173
10	1	25		19.06	19.20	19.01		
10	1	49		19.04	19.17	19.02		
10	25	0		19.06	19.22	19.04		
10	25	12		19.07	19.19	19.10		
10	25	25		19.00	19.13	19.03		
10	50	0		19.07	19.17	19.07		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.91 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.85	23.99	23.95	16.93	0.0493
5	1	12		23.80	23.89	23.81		
5	1	24		23.78	23.90	23.80		
5	12	0		23.20	23.29	23.17		
5	12	7		23.19	23.25	23.10		
5	12	13		23.16	23.20	23.09		
5	25	0		23.20	23.22	23.13		
5	1	0	16-QAM	23.44	23.58	23.52	16.57	0.0454
5	1	12		23.47	23.63	23.45		
5	1	24		23.36	23.49	23.21		
5	12	0		22.14	22.25	22.18		
5	12	7		22.21	22.27	22.15		
5	12	13		22.16	22.23	22.09		
5	25	0		22.17	22.25	22.07		
5	1	0	64-QAM	22.28	22.34	22.37	15.39	0.0346
5	1	12		22.29	22.45	22.28		
5	1	24		22.22	22.36	22.18		
5	12	0		21.19	21.23	21.19		
5	12	7		21.12	21.21	21.12		
5	12	13		21.13	21.19	21.09		
5	25	0		21.13	21.18	21.14		
5	1	0	256-QAM	19.27	19.33	19.23	12.27	0.0169
5	1	12		19.15	19.23	19.09		
5	1	24		19.06	19.18	19.11		
5	12	0		19.00	19.14	19.00		
5	12	7		19.07	19.13	19.09		
5	12	13		19.04	19.15	19.06		
5	25	0		19.03	19.17	19.07		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -4.16 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.14	-	17.83	0.0607			
10	1	25			24.07						
10	1	49			24.06						
10	25	0			23.16						
10	25	12			23.14						
10	25	25			23.12						
10	50	0			23.09						
10	1	0	16-QAM		23.20		-	16.96	0.0497		
10	1	25			23.27						
10	1	49			23.17						
10	25	0			22.14						
10	25	12			22.12						
10	25	25			22.12						
10	50	0			22.15						
10	1	0	64-QAM		22.28			-	15.97	0.0395	
10	1	25			22.20						
10	1	49			22.20						
10	25	0			21.19						
10	25	12			21.13						
10	25	25			21.17						
10	50	0			21.12						
10	1	0	256-QAM		19.23				-	12.92	0.0196
10	1	25			19.14						
10	1	49			19.14						
10	25	0			19.17						
10	25	12			19.13						
10	25	25			19.08						
10	50	0			19.06						
Limit	ERP < 3W			Result						Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -4.16 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.12	24.07	24.12	17.81	0.0604
5	1	12		24.08	23.93	23.95		
5	1	24		24.12	24.10	24.09		
5	12	0		23.06	23.02	23.00		
5	12	7		22.99	22.94	22.96		
5	12	13		22.99	22.96	22.98		
5	25	0		23.02	23.00	22.98		
5	1	0	16-QAM	23.22	23.08	23.22	16.91	0.0491
5	1	12		23.14	23.08	23.07		
5	1	24		23.01	23.02	23.11		
5	12	0		22.07	21.97	21.96		
5	12	7		22.02	21.97	21.99		
5	12	13		21.98	21.96	21.97		
5	25	0		21.98	21.97	21.95		
5	1	0	64-QAM	22.07	22.04	22.06	15.83	0.0383
5	1	12		22.14	22.04	22.07		
5	1	24		22.09	22.08	21.99		
5	12	0		21.14	21.07	21.11		
5	12	7		21.05	21.03	21.04		
5	12	13		21.02	20.98	21.03		
5	25	0		21.08	21.03	21.06		
5	1	0	256-QAM	19.39	19.35	19.38	13.08	0.0203
5	1	12		19.28	19.29	19.22		
5	1	24		19.23	19.27	19.30		
5	12	0		19.26	19.21	19.23		
5	12	7		19.22	19.20	19.19		
5	12	13		19.16	19.14	19.16		
5	25	0		19.28	19.24	19.20		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.37	-	-	17.78	0.0600
15	1	37		24.13	-	-		
15	1	74		24.15	-	-		
15	36	0		23.30	-	-		
15	36	20		23.28	-	-		
15	36	39		23.25	-	-		
15	75	0		23.27	-	-		
15	1	0	16-QAM	23.59	-	-	17.04	0.0506
15	1	37		23.63	-	-		
15	1	74		23.40	-	-		
15	36	0		22.22	-	-		
15	36	20		22.29	-	-		
15	36	39		22.22	-	-		
15	75	0		22.29	-	-		
15	1	0	64-QAM	22.50	-	-	15.99	0.0397
15	1	37		22.58	-	-		
15	1	74		22.31	-	-		
15	36	0		21.25	-	-		
15	36	20		21.24	-	-		
15	36	39		21.20	-	-		
15	75	0		21.19	-	-		
15	1	0	256-QAM	19.08	-	-	12.55	0.0180
15	1	37		19.11	-	-		
15	1	74		18.97	-	-		
15	36	0		19.14	-	-		
15	36	20		18.89	-	-		
15	36	39		19.10	-	-		
15	75	0		19.02	-	-		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.26	-	17.67	0.0585
10	1	25		-	24.20	-		
10	1	49		-	24.16	-		
10	25	0		-	23.23	-		
10	25	12		-	23.24	-		
10	25	25		-	23.20	-		
10	50	0		-	23.22	-		
10	1	0	16-QAM	-	23.45	-	16.86	0.0485
10	1	25		-	23.35	-		
10	1	49		-	23.41	-		
10	25	0		-	22.23	-		
10	25	12		-	22.19	-		
10	25	25		-	22.17	-		
10	50	0		-	22.21	-		
10	1	0	64-QAM	-	22.44	-	15.85	0.0385
10	1	25		-	22.29	-		
10	1	49		-	22.34	-		
10	25	0		-	21.24	-		
10	25	12		-	21.21	-		
10	25	25		-	21.18	-		
10	50	0		-	21.25	-		
10	1	0	256-QAM	-	19.39	-	12.80	0.0191
10	1	25		-	19.20	-		
10	1	49		-	19.23	-		
10	25	0		-	19.31	-		
10	25	12		-	19.27	-		
10	25	25		-	19.22	-		
10	50	0		-	19.26	-		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.32	24.39	24.23	17.80	0.0603
5	1	12		24.11	24.07	24.16		
5	1	24		24.17	24.12	24.09		
5	12	0		23.21	23.31	23.20		
5	12	7		23.20	23.20	23.27		
5	12	13		23.18	23.17	23.21		
5	25	0		23.22	23.17	23.19		
5	1	0	16-QAM	23.46	23.53	23.52	16.95	0.0495
5	1	12		23.54	23.49	23.48		
5	1	24		23.49	23.53	23.51		
5	12	0		22.19	22.13	22.19		
5	12	7		22.18	22.18	22.21		
5	12	13		22.20	22.28	22.19		
5	25	0		22.15	22.18	22.21		
5	1	0	64-QAM	22.30	22.32	22.30	15.82	0.0382
5	1	12		22.35	22.28	22.29		
5	1	24		22.31	22.41	22.40		
5	12	0		21.22	21.19	21.25		
5	12	7		21.17	21.12	21.25		
5	12	13		21.19	21.09	21.17		
5	25	0		21.20	21.12	21.29		
5	1	0	256-QAM	19.25	19.17	19.34	12.75	0.0188
5	1	12		19.17	19.15	19.19		
5	1	24		19.17	19.12	19.19		
5	12	0		19.07	19.14	19.00		
5	12	7		19.07	19.06	19.12		
5	12	13		19.06	19.09	19.05		
5	25	0		19.05	19.12	19.03		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.29	24.30	24.37	17.78	0.0600
3	1	8		24.07	24.17	24.04		
3	1	14		24.15	24.14	24.07		
3	8	0		23.21	23.15	23.12		
3	8	4		23.10	23.04	23.15		
3	8	7		23.17	23.21	23.15		
3	15	0		23.29	23.35	23.32		
3	1	0	16-QAM	23.54	23.48	23.60	17.01	0.0502
3	1	8		23.42	23.34	23.43		
3	1	14		23.51	23.55	23.57		
3	8	0		22.29	22.35	22.36		
3	8	4		22.21	22.22	22.17		
3	8	7		22.20	22.30	22.19		
3	15	0		22.24	22.26	22.24		
3	1	0	64-QAM	22.29	22.26	22.38	15.79	0.0379
3	1	8		22.24	22.15	22.28		
3	1	14		22.27	22.28	22.36		
3	8	0		21.16	21.22	21.14		
3	8	4		21.17	21.11	21.13		
3	8	7		21.20	21.14	21.27		
3	15	0		21.21	21.19	21.12		
3	1	0	256-QAM	19.41	19.42	19.34	12.83	0.0192
3	1	8		19.37	19.28	19.35		
3	1	14		19.24	19.32	19.23		
3	8	0		19.28	19.23	19.21		
3	8	4		19.24	19.32	19.25		
3	8	7		19.31	19.34	19.34		
3	15	0		19.21	19.26	19.27		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.32	24.26	24.35	17.76	0.0597
1.4	1	3		24.16	24.06	24.20		
1.4	1	5		24.20	24.27	24.29		
1.4	3	0		24.25	24.20	24.33		
1.4	3	1		24.14	24.07	24.14		
1.4	3	3		24.24	24.25	24.29		
1.4	6	0		23.30	23.26	23.21		
1.4	1	0	16-QAM	23.58	23.68	23.50	17.09	0.0512
1.4	1	3		23.41	23.44	23.35		
1.4	1	5		23.51	23.47	23.58		
1.4	3	0		23.23	23.28	23.31		
1.4	3	1		23.23	23.30	23.24		
1.4	3	3		23.19	23.18	23.09		
1.4	6	0		22.34	22.44	22.34		
1.4	1	0	64-QAM	22.39	22.48	22.37	15.91	0.0390
1.4	1	3		22.47	22.50	22.37		
1.4	1	5		22.29	22.32	22.21		
1.4	3	0		22.23	22.31	22.16		
1.4	3	1		22.29	22.37	22.37		
1.4	3	3		22.28	22.25	22.27		
1.4	6	0		21.23	21.13	21.14		
1.4	1	0	256-QAM	19.37	19.38	19.38	12.87	0.0194
1.4	1	3		19.36	19.30	19.31		
1.4	1	5		19.38	19.36	19.36		
1.4	3	0		19.41	19.44	19.35		
1.4	3	1		19.37	19.29	19.28		
1.4	3	3		19.29	19.36	19.34		
1.4	6	0		19.39	19.44	19.46		
Limit	ERP < 100W			Result			Pass	



Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power)

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.34	-	17.75	0.0596
15	1	37		-	24.15	-		
15	1	74		-	24.17	-		
15	36	0		-	23.21	-		
15	36	20		-	23.21	-		
15	36	39		-	23.22	-		
15	75	0		-	23.20	-		
15	1	0	16-QAM	-	23.65	-	17.06	0.0508
15	1	37		-	23.64	-		
15	1	74		-	23.31	-		
15	36	0		-	22.20	-		
15	36	20		-	22.23	-		
15	36	39		-	22.14	-		
15	75	0		-	22.22	-		
15	1	0	64-QAM	-	22.40	-	15.94	0.0393
15	1	37		-	22.53	-		
15	1	74		-	22.36	-		
15	36	0		-	21.24	-		
15	36	20		-	21.25	-		
15	36	39		-	21.21	-		
15	75	0		-	21.17	-		
15	1	0	256-QAM	-	19.01	-	12.54	0.0179
15	1	37		-	19.04	-		
15	1	74		-	18.87	-		
15	36	0		-	19.13	-		
15	36	20		-	18.93	-		
15	36	39		-	19.13	-		
15	75	0		-	18.94	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.21	-	17.66	0.0583
10	1	25		-	24.21	-		
10	1	49		-	24.25	-		
10	25	0		-	23.31	-		
10	25	12		-	23.22	-		
10	25	25		-	23.25	-		
10	50	0		-	23.27	-		
10	1	0	16-QAM	-	23.56	-	16.97	0.0498
10	1	25		-	23.39	-		
10	1	49		-	23.49	-		
10	25	0		-	22.20	-		
10	25	12		-	22.26	-		
10	25	25		-	22.28	-		
10	50	0		-	22.17	-		
10	1	0	64-QAM	-	22.32	-	15.73	0.0374
10	1	25		-	22.23	-		
10	1	49		-	22.23	-		
10	25	0		-	21.21	-		
10	25	12		-	21.24	-		
10	25	25		-	21.22	-		
10	50	0		-	21.19	-		
10	1	0	256-QAM	-	19.31	-	12.72	0.0187
10	1	25		-	19.13	-		
10	1	49		-	19.22	-		
10	25	0		-	19.18	-		
10	25	12		-	19.18	-		
10	25	25		-	19.17	-		
10	50	0		-	19.16	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.32	-	17.73	0.0593
5	1	12		-	24.11	-		
5	1	24		-	24.08	-		
5	12	0		-	23.22	-		
5	12	7		-	23.27	-		
5	12	13		-	23.25	-		
5	25	0		-	23.19	-		
5	1	0	16-QAM	-	23.53	-	17.02	0.0504
5	1	12		-	23.61	-		
5	1	24		-	23.53	-		
5	12	0		-	22.11	-		
5	12	7		-	22.10	-		
5	12	13		-	22.19	-		
5	25	0		-	22.24	-		
5	1	0	64-QAM	-	22.40	-	15.81	0.0381
5	1	12		-	22.31	-		
5	1	24		-	22.37	-		
5	12	0		-	21.16	-		
5	12	7		-	21.11	-		
5	12	13		-	21.25	-		
5	25	0		-	21.16	-		
5	1	0	256-QAM	-	19.15	-	12.59	0.0182
5	1	12		-	19.17	-		
5	1	24		-	19.18	-		
5	12	0		-	19.17	-		
5	12	7		-	19.17	-		
5	12	13		-	19.05	-		
5	25	0		-	19.11	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.31	-	17.72	0.0592
3	1	8		-	24.02	-		
3	1	14		-	24.06	-		
3	8	0		-	23.21	-		
3	8	4		-	23.12	-		
3	8	7		-	23.15	-		
3	15	0		-	23.29	-		
3	1	0	16-QAM	-	23.59	-	17.00	0.0501
3	1	8		-	23.32	-		
3	1	14		-	23.56	-		
3	8	0		-	22.28	-		
3	8	4		-	22.17	-		
3	8	7		-	22.12	-		
3	15	0		-	22.18	-		
3	1	0	64-QAM	-	22.34	-	15.75	0.0376
3	1	8		-	22.28	-		
3	1	14		-	22.29	-		
3	8	0		-	21.07	-		
3	8	4		-	21.18	-		
3	8	7		-	21.17	-		
3	15	0		-	21.23	-		
3	1	0	256-QAM	-	19.46	-	12.87	0.0194
3	1	8		-	19.46	-		
3	1	14		-	19.14	-		
3	8	0		-	19.25	-		
3	8	4		-	19.16	-		
3	8	7		-	19.27	-		
3	15	0		-	19.28	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -4.44 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.24	-	17.65	0.0582
1.4	1	3		-	24.10	-		
1.4	1	5		-	24.18	-		
1.4	3	0		-	24.17	-		
1.4	3	1		-	24.24	-		
1.4	3	3		-	24.19	-		
1.4	6	0		-	23.38	-		
1.4	1	0	16-QAM	-	23.52	-	17.00	0.0501
1.4	1	3		-	23.38	-		
1.4	1	5		-	23.59	-		
1.4	3	0		-	23.26	-		
1.4	3	1		-	23.28	-		
1.4	3	3		-	23.25	-		
1.4	6	0		-	22.42	-		
1.4	1	0	64-QAM	-	22.49	-	15.90	0.0389
1.4	1	3		-	22.42	-		
1.4	1	5		-	22.39	-		
1.4	3	0		-	22.32	-		
1.4	3	1		-	22.38	-		
1.4	3	3		-	22.27	-		
1.4	6	0		-	21.18	-		
1.4	1	0	256-QAM	-	19.32	-	12.91	0.0195
1.4	1	3		-	19.42	-		
1.4	1	5		-	19.40	-		
1.4	3	0		-	19.50	-		
1.4	3	1		-	19.46	-		
1.4	3	3		-	19.28	-		
1.4	6	0		-	19.29	-		
Limit	ERP < 7W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.44 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	22.04	22.16	22.12	17.59	0.0574
10+10	1	0	1	49		15.75	15.88	15.94		
10+10	1	49	1	0		24.18	24.13	24.13		
10+10	50	0	50	0	16-QAM	21.10	21.11	21.07	16.88	0.0488
10+10	1	0	1	49		16.34	15.87	16.02		
10+10	1	49	1	0		23.30	23.47	23.29		
10+10	50	0	50	0	64-QAM	21.02	21.10	21.10	14.79	0.0301
10+10	1	0	1	49		16.05	15.89	16.38		
10+10	1	49	1	0		21.27	21.34	21.38		
10+10	50	0	50	0	256-QAM	19.10	19.12	19.09	12.64	0.0184
10+10	1	0	1	49		15.92	16.20	16.02		
10+10	1	49	1	0		19.23	19.21	19.21		
10+5	50	0	25	0	QPSK	22.11	22.07	22.16	17.47	0.0558
10+5	1	0	1	24		13.93	13.87	13.83		
10+5	1	49	1	0		23.98	24.06	24.04		
10+5	50	0	25	0	16-QAM	20.24	21.07	20.99	16.76	0.0474
10+5	1	0	1	24		14.02	14.27	14.19		
10+5	1	49	1	0		23.32	23.35	22.68		
10+5	50	0	25	0	64-QAM	21.06	21.02	20.98	14.63	0.0290
10+5	1	0	1	24		14.14	14.26	14.05		
10+5	1	49	1	0		21.16	21.19	21.22		
10+5	50	0	25	0	256-QAM	19.01	19.02	19.05	12.49	0.0177
10+5	1	0	1	24		14.11	13.94	13.89		
10+5	1	49	1	0		18.20	19.01	19.08		
5+10	25	0	50	0	QPSK	22.09	22.15	22.03	17.46	0.0557
5+10	1	0	1	49		13.79	13.81	13.73		
5+10	1	24	1	0		24.02	24.05	23.89		
5+10	25	0	50	0	16-QAM	21.13	21.08	21.05	16.77	0.0475
5+10	1	0	1	49		14.50	14.46	14.32		
5+10	1	24	1	0		23.27	23.24	23.36		
5+10	25	0	50	0	64-QAM	21.06	21.03	21.05	14.58	0.0287
5+10	1	0	1	49		14.00	14.12	14.21		
5+10	1	24	1	0		21.17	21.15	21.11		
5+10	25	0	50	0	256-QAM	19.05	19.07	19.10	12.58	0.0181
5+10	1	0	1	49		13.95	13.98	13.79		
5+10	1	24	1	0		19.17	19.05	19.00		
Limit	ERP < 7W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -4.44 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	24.11	24.19	24.16	17.60	0.0575
5+3	1	0	1	14		14.42	14.42	14.35		
5+3	1	24	1	0		23.22	23.99	24.05		
5+3	25	0	15	0	16-QAM	24.08	24.17	24.07	17.81	0.0604
5+3	1	0	1	14		15.08	14.81	14.73		
5+3	1	24	1	0		24.26	24.40	24.39		
5+3	25	0	15	0	64-QAM	24.08	24.10	23.16	17.78	0.0600
5+3	1	0	1	14		14.53	14.68	14.96		
5+3	1	24	1	0		23.28	24.37	23.28		
5+3	25	0	15	0	256-QAM	23.95	24.12	24.13	17.54	0.0568
5+3	1	0	1	14		14.62	14.59	14.45		
5+3	1	24	1	0		24.02	23.11	23.96		
3+5	15	0	25	0	QPSK	24.16	24.16	24.02	17.57	0.0571
3+5	1	0	1	24		14.27	14.46	14.38		
3+5	1	14	1	0		23.57	23.95	23.89		
3+5	15	0	25	0	16-QAM	24.12	24.16	24.10	17.61	0.0577
3+5	1	0	1	24		14.73	14.66	14.99		
3+5	1	14	1	0		23.38	23.61	24.20		
3+5	15	0	25	0	64-QAM	24.05	24.06	23.13	17.68	0.0586
3+5	1	0	1	24		14.76	14.61	14.68		
3+5	1	14	1	0		23.35	24.27	24.09		
3+5	15	0	25	0	256-QAM	24.11	24.10	24.03	17.53	0.0566
3+5	1	0	1	24		14.32	14.40	14.37		
3+5	1	14	1	0		24.05	24.12	24.06		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.15 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	21.86	21.83	21.71	22.76	0.1888
10+10	1	0	1	49		15.64	15.53	15.57		
10+10	1	49	1	0		23.91	23.82	23.91		
10+10	50	0	50	0	16-QAM	20.88	20.81	20.84	22.16	0.1644
10+10	1	0	1	49		16.05	16.12	16.01		
10+10	1	49	1	0		23.11	23.31	22.99		
10+10	50	0	50	0	64-QAM	20.79	20.80	20.83	19.95	0.0989
10+10	1	0	1	49		16.06	15.67	15.82		
10+10	1	49	1	0		20.98	20.81	21.10		
10+10	50	0	50	0	256-QAM	18.80	18.83	18.91	17.98	0.0628
10+10	1	0	1	49		15.64	15.78	15.59		
10+10	1	49	1	0		19.13	18.93	19.10		
15+5	75	0	25	0	QPSK	21.77	21.81	21.78	22.64	0.1837
15+5	1	0	1	24		15.55	15.71	15.66		
15+5	1	74	1	0		23.76	23.78	23.79		
15+5	75	0	25	0	16-QAM	20.88	20.82	20.78	22.00	0.1585
15+5	1	0	1	24		16.07	15.89	15.69		
15+5	1	74	1	0		23.12	22.83	23.15		
15+5	75	0	25	0	64-QAM	20.89	20.82	20.85	19.89	0.0975
15+5	1	0	1	24		15.72	15.74	15.86		
15+5	1	74	1	0		21.04	20.92	20.91		
15+5	75	0	25	0	256-QAM	18.88	18.89	18.82	17.84	0.0608
15+5	1	0	1	24		15.77	15.71	15.63		
15+5	1	74	1	0		18.83	18.99	18.82		
5+15	25	0	75	0	QPSK	21.86	21.78	21.68	22.58	0.1811
5+15	1	0	1	74		15.57	15.42	15.53		
5+15	1	24	1	0		23.63	22.71	23.73		
5+15	25	0	75	0	16-QAM	20.91	20.80	20.81	22.02	0.1592
5+15	1	0	1	74		15.92	15.68	16.08		
5+15	1	24	1	0		22.91	22.82	23.17		
5+15	25	0	75	0	64-QAM	20.83	20.80	20.81	19.87	0.0971
5+15	1	0	1	74		15.80	15.91	15.77		
5+15	1	24	1	0		20.94	21.02	20.88		
5+15	25	0	75	0	256-QAM	18.78	18.79	18.76	17.72	0.0592
5+15	1	0	1	74		15.64	15.52	15.61		
5+15	1	24	1	0		18.87	18.74	18.83		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -1.15 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	21.88	21.75	21.80	22.74	0.1879
10+5	1	0	1	24		13.70	13.75	13.71		
10+5	1	49	1	0		23.89	23.85	23.78		
10+5	50	0	25	0	16-QAM	20.91	20.77	20.86	21.96	0.1570
10+5	1	0	1	24		14.34	13.97	13.99		
10+5	1	49	1	0		23.11	23.10	22.94		
10+5	50	0	25	0	64-QAM	20.81	20.88	20.78	19.89	0.0975
10+5	1	0	1	24		14.26	13.92	13.99		
10+5	1	49	1	0		21.04	20.69	20.95		
10+5	50	0	25	0	256-QAM	18.90	18.80	18.79	17.94	0.0622
10+5	1	0	1	24		13.79	13.98	13.99		
10+5	1	49	1	0		18.90	18.89	19.09		
5+10	25	0	50	0	QPSK	21.75	21.79	21.79	22.56	0.1803
5+10	1	0	1	49		13.73	13.57	13.62		
5+10	1	24	1	0		23.58	23.71	23.69		
5+10	25	0	50	0	16-QAM	20.83	20.86	20.77	21.95	0.1567
5+10	1	0	1	49		13.99	14.28	14.18		
5+10	1	24	1	0		23.10	23.01	22.92		
5+10	25	0	50	0	64-QAM	20.77	20.75	20.82	19.97	0.0993
5+10	1	0	1	49		14.03	13.89	13.91		
5+10	1	24	1	0		21.08	21.12	21.12		
5+10	25	0	50	0	256-QAM	18.81	18.79	18.75	17.73	0.0593
5+10	1	0	1	49		13.76	13.66	13.76		
5+10	1	24	1	0		18.78	18.88	18.75		
5+5	25	0	25	0	QPSK	21.86	21.60	21.75	22.56	0.1803
5+5	1	0	1	24		13.91	13.77	13.83		
5+5	1	24	1	0		23.71	23.65	23.70		
5+5	25	0	25	0	16-QAM	20.81	20.72	20.77	22.10	0.1622
5+5	1	0	1	24		14.30	14.43	14.42		
5+5	1	24	1	0		22.72	22.93	23.25		
5+5	25	0	25	0	64-QAM	20.82	20.64	20.72	19.93	0.0984
5+5	1	0	1	24		14.33	14.08	14.27		
5+5	1	24	1	0		21.08	20.97	20.88		
5+5	25	0	25	0	256-QAM	18.71	18.68	18.73	17.73	0.0593
5+5	1	0	1	24		14.02	13.96	14.08		
5+5	1	24	1	0		18.59	18.63	18.88		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.15 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	22.12	22.05	22.09	22.95	0.1972
20+20	1	0	1	99		15.84	15.83	15.89		
20+20	1	99	1	0		24.10	24.06	24.10		
20+20	100	0	100	0	16-QAM	21.10	21.00	21.08	22.20	0.1660
20+20	1	0	1	99		16.25	16.17	16.11		
20+20	1	99	1	0		23.35	23.26	23.27		
20+20	100	0	100	0	64-QAM	21.06	20.95	21.04	20.24	0.1057
20+20	1	0	1	99		16.12	16.11	16.13		
20+20	1	99	1	0		21.31	21.30	21.39		
20+20	100	0	100	0	256-QAM	19.15	19.04	19.09	18.15	0.0653
20+20	1	0	1	99		15.95	15.90	15.92		
20+20	1	99	1	0		19.30	19.18	19.19		
20+15	100	0	75	0	QPSK	21.06	22.02	22.04	22.83	0.1919
20+15	1	0	1	74		15.84	15.85	15.83		
20+15	1	74	1	0		23.87	23.98	23.92		
20+15	100	0	75	0	16-QAM	21.08	21.04	21.03	22.22	0.1667
20+15	1	0	1	74		16.26	16.07	16.20		
20+15	1	74	1	0		23.19	23.37	23.37		
20+15	100	0	75	0	64-QAM	21.03	20.97	21.07	20.13	0.1030
20+15	1	0	1	74		16.15	16.07	16.08		
20+15	1	74	1	0		21.28	21.21	21.28		
20+15	100	0	75	0	256-QAM	19.08	19.06	19.08	18.03	0.0635
20+15	1	0	1	74		15.92	15.89	15.87		
20+15	1	74	1	0		19.18	19.18	19.12		
15+20	75	0	100	0	QPSK	22.07	22.03	22.01	22.86	0.1932
15+20	1	0	1	99		15.87	15.81	15.81		
15+20	1	74	1	0		24.01	23.99	23.99		
15+20	75	0	100	0	16-QAM	21.07	20.98	20.98	22.24	0.1675
15+20	1	0	1	99		16.21	16.13	16.20		
15+20	1	74	1	0		23.35	23.33	23.39		
15+20	75	0	100	0	64-QAM	21.06	20.97	21.03	20.20	0.1047
15+20	1	0	1	99		16.12	16.09	16.10		
15+20	1	74	1	0		21.35	21.22	21.21		
15+20	75	0	100	0	256-QAM	19.12	19.05	19.07	17.99	0.0630
15+20	1	0	1	99		16.03	15.95	15.98		
15+20	1	74	1	0		19.14	19.07	19.09		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.15 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	22.14	22.03	22.05	22.87	0.1936
20+10	1	0	1	49		15.87	15.86	15.82		
20+10	1	99	1	0		24.02	23.90	23.88		
20+10	100	0	50	0	16-QAM	21.08	21.03	21.07	22.27	0.1687
20+10	1	0	1	49		16.20	16.14	16.17		
20+10	1	99	1	0		23.36	23.27	23.42		
20+10	100	0	50	0	64-QAM	21.07	21.03	21.10	20.17	0.1040
20+10	1	0	1	49		16.08	16.06	16.08		
20+10	1	99	1	0		21.30	21.29	21.32		
20+10	100	0	50	0	256-QAM	19.11	19.04	19.10	18.06	0.0640
20+10	1	0	1	49		15.98	15.92	15.98		
20+10	1	99	1	0		19.17	19.17	19.21		
10+20	50	0	100	0	QPSK	22.13	22.02	22.06	22.91	0.1954
10+20	1	0	1	99		15.81	15.83	15.82		
10+20	1	49	1	0		23.95	24.02	24.06		
10+20	50	0	100	0	16-QAM	21.03	21.00	21.04	22.18	0.1652
10+20	1	0	1	99		16.14	16.07	16.16		
10+20	1	49	1	0		23.21	23.24	23.33		
10+20	50	0	100	0	64-QAM	21.02	21.01	21.05	20.11	0.1026
10+20	1	0	1	99		15.99	16.00	16.05		
10+20	1	49	1	0		21.23	21.21	21.26		
10+20	50	0	100	0	256-QAM	19.05	19.01	19.07	18.06	0.0640
10+20	1	0	1	99		15.93	15.84	15.89		
10+20	1	49	1	0		19.20	19.14	19.21		
20+5	100	0	25	0	QPSK	22.08	22.05	22.03	22.91	0.1954
20+5	1	0	1	24		15.89	15.84	15.87		
20+5	1	99	1	0		23.34	24.06	23.99		
20+5	100	0	25	0	16-QAM	21.07	21.07	21.04	22.25	0.1679
20+5	1	0	1	24		16.26	16.13	16.09		
20+5	1	99	1	0		23.40	23.35	23.26		
20+5	100	0	25	0	64-QAM	21.08	21.06	21.04	20.12	0.1028
20+5	1	0	1	24		16.17	16.08	16.15		
20+5	1	99	1	0		21.25	21.27	21.24		
20+5	100	0	25	0	256-QAM	19.12	19.10	19.07	18.05	0.0638
20+5	1	0	1	24		15.95	15.95	15.96		
20+5	1	99	1	0		19.15	19.20	19.17		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.15 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	22.10	21.98	22.00	22.77	0.1892
5+20	1	0	1	99		15.85	15.77	15.81		
5+20	1	24	1	0		23.92	23.91	23.87		
5+20	25	0	100	0	16-QAM	21.12	21.03	21.06	22.17	0.1648
5+20	1	0	1	99		16.21	16.18	16.15		
5+20	1	24	1	0		23.32	23.29	23.30		
5+20	25	0	100	0	64-QAM	21.05	20.99	21.04	20.07	0.1016
5+20	1	0	1	99		16.18	16.08	16.06		
5+20	1	24	1	0		21.22	21.20	21.15		
5+20	25	0	100	0	256-QAM	19.10	19.06	19.03	17.95	0.0624
5+20	1	0	1	99		16.04	15.97	15.96		
5+20	1	24	1	0		19.07	19.02	19.06		
Limit	EIRP < 1W					Result			Pass	

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LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -1.15 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	22.11	22.00	22.00	22.89	0.1945
15+10	1	0	1	49		15.86	15.81	15.82		
15+10	1	74	1	0		23.99	23.96	24.04		
15+10	75	0	50	0	16-QAM	21.06	20.98	21.00	22.24	0.1675
15+10	1	0	1	49		16.18	16.07	16.17		
15+10	1	74	1	0		23.39	23.35	23.28		
15+10	75	0	50	0	64-QAM	21.03	20.97	21.02	20.12	0.1028
15+10	1	0	1	49		16.05	15.97	16.09		
15+10	1	74	1	0		21.25	21.27	21.25		
15+10	75	0	50	0	256-QAM	19.09	19.01	19.08	17.96	0.0625
15+10	1	0	1	49		15.98	15.93	15.95		
15+10	1	74	1	0		19.09	19.10	19.11		
10+15	50	0	75	0	QPSK	22.09	22.02	21.99	22.87	0.1936
10+15	1	0	1	74		15.91	15.82	15.81		
10+15	1	49	1	0		23.99	23.94	24.02		
10+15	50	0	75	0	16-QAM	21.13	21.01	21.00	22.31	0.1702
10+15	1	0	1	74		16.20	16.17	16.17		
10+15	1	49	1	0		23.46	23.35	23.32		
10+15	50	0	75	0	64-QAM	21.12	20.99	20.96	20.14	0.1033
10+15	1	0	1	74		16.09	16.01	16.03		
10+15	1	49	1	0		21.29	21.18	21.20		
10+15	50	0	75	0	256-QAM	19.15	19.04	19.04	18.15	0.0653
10+15	1	0	1	74		15.93	15.88	15.90		
10+15	1	49	1	0		19.30	19.21	19.17		
15+15	75	0	75	0	QPSK	22.10	21.99	22.03	22.85	0.1928
15+15	1	0	1	74		15.87	15.83	15.85		
15+15	1	74	1	0		23.29	23.98	24.00		
15+15	75	0	75	0	16-QAM	21.05	20.95	20.99	22.18	0.1652
15+15	1	0	1	74		16.13	16.15	16.15		
15+15	1	74	1	0		23.33	23.30	23.28		
15+15	75	0	75	0	64-QAM	21.08	20.95	21.00	20.13	0.1030
15+15	1	0	1	74		16.11	16.05	16.05		
15+15	1	74	1	0		21.28	21.22	21.21		
15+15	75	0	75	0	256-QAM	19.11	19.02	19.05	18.07	0.0641
15+15	1	0	1	74		16.05	15.95	15.96		
15+15	1	74	1	0		19.22	19.12	19.12		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.72 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	20.87	20.83	20.74	22.65	0.1841
20+20	1	0	0	0		23.34	23.37	22.32		
20+20	1	0	1	99		14.13	14.08	14.08		
20+20	1	99	1	0		14.22	14.08	14.08		
20+20	100	0	100	0	16-QAM	19.08	19.89	19.77	22.27	0.1687
20+20	1	0	0	0		22.80	22.99	22.85		
20+20	1	0	1	99		13.63	13.10	13.59		
20+20	1	99	1	0		13.47	13.77	13.23		
20+20	100	0	100	0	64-QAM	20.37	20.37	20.41	19.69	0.0931
20+20	1	0	1	99		10.41	10.29	10.37		
20+20	1	99	1	0		10.21	10.21	10.75		
20+20	100	0	100	0	256-QAM	19.35	19.37	19.29	18.65	0.0733
20+20	1	0	1	99		6.70	7.13	6.59		
20+20	1	99	1	0		6.27	7.10	6.24		
20+15	100	0	75	0	QPSK	20.90	20.96	20.90	22.67	0.1849
20+15	1	0	0	0		23.37	23.39	23.26		
20+15	1	0	1	74		14.18	14.26	13.67		
20+15	1	99	1	0		14.17	14.07	14.09		
20+15	100	0	75	0	16-QAM	19.72	19.97	19.88	22.31	0.1702
20+15	1	0	0	0		23.03	22.93	22.66		
20+15	1	0	1	74		13.49	13.22	13.75		
20+15	1	99	1	0		13.22	12.54	13.75		
20+15	100	0	75	0	64-QAM	20.47	20.44	20.42	19.75	0.0944
20+15	1	0	1	74		10.17	10.28	10.17		
20+15	1	99	1	0		10.56	10.33	9.95		
20+15	100	0	75	0	256-QAM	19.39	19.42	19.30	18.70	0.0741
20+15	1	0	1	74		6.78	6.97	6.66		
20+15	1	99	1	0		6.68	6.73	6.64		
15+20	75	0	100	0	QPSK	20.75	20.92	20.83	22.68	0.1854
15+20	1	0	0	0		23.33	23.38	23.40		
15+20	1	0	1	99		14.17	14.17	14.02		
15+20	1	74	1	0		13.82	14.22	14.03		
15+20	75	0	100	0	16-QAM	19.94	19.90	19.81	22.48	0.1770
15+20	1	0	0	0		22.88	23.20	22.78		
15+20	1	0	1	99		13.52	13.61	13.54		
15+20	1	74	1	0		13.65	13.40	13.39		
15+20	75	0	100	0	64-QAM	20.47	20.38	20.29	19.75	0.0944
15+20	1	0	1	99		10.45	10.36	10.33		
15+20	1	74	1	0		10.33	10.49	10.47		
15+20	75	0	100	0	256-QAM	19.49	19.42	19.27	18.77	0.0753
15+20	1	0	1	99		7.08	6.32	7.07		
15+20	1	74	1	0		6.61	6.69	6.96		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.72 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	20.96	20.97	20.87	22.78	0.1897
20+10	1	0	0	0		23.42	23.50	22.45		
20+10	1	0	1	49		14.30	14.27	14.23		
20+10	1	99	1	0		14.22	14.23	14.14		
20+10	100	0	50	0	16-QAM	19.24	20.00	19.93	22.38	0.1730
20+10	1	0	0	0		22.92	23.10	22.92		
20+10	1	0	1	49		13.55	13.83	13.80		
20+10	1	99	1	0		12.92	13.54	12.36		
20+10	100	0	50	0	64-QAM	20.46	20.43	20.47	19.75	0.0944
20+10	1	0	1	49		10.63	10.38	10.73		
20+10	1	99	1	0		10.82	10.27	10.40		
20+10	100	0	50	0	256-QAM	19.55	19.59	19.47	18.87	0.0771
20+10	1	0	1	49		6.89	7.15	7.03		
20+10	1	99	1	0		7.04	6.62	7.27		
10+20	50	0	100	0	QPSK	20.87	20.90	20.69	22.71	0.1866
10+20	1	0	0	0		23.39	23.43	23.36		
10+20	1	0	1	99		14.31	14.17	14.05		
10+20	1	49	1	0		13.25	13.45	13.40		
10+20	50	0	100	0	16-QAM	19.91	19.87	19.68	22.21	0.1663
10+20	1	0	0	0		22.91	22.93	-		
10+20	1	0	1	99		13.68	13.73	13.35		
10+20	1	49	1	0		12.84	12.85	12.66		
10+20	50	0	100	0	64-QAM	20.43	20.47	20.18	19.75	0.0944
10+20	1	0	1	99		10.67	10.79	10.12		
10+20	1	49	1	0		9.52	9.34	9.31		
10+20	50	0	100	0	256-QAM	19.38	19.32	19.29	18.66	0.0735
10+20	1	0	1	99		7.08	7.03	6.54		
10+20	1	49	1	0		5.82	6.70	5.85		
15+15	75	0	75	0	QPSK	20.81	20.94	20.72	22.81	0.1910
15+15	1	0	0	0		23.45	23.53	23.42		
15+15	1	0	1	74		14.10	14.16	14.19		
15+15	1	74	1	0		14.08	14.10	14.16		
15+15	75	0	75	0	16-QAM	19.87	19.93	19.98	22.37	0.1726
15+15	1	0	0	0		22.87	22.88	23.09		
15+15	1	0	1	74		13.78	13.50	12.83		
15+15	1	74	1	0		13.62	13.59	12.32		
15+15	75	0	75	0	64-QAM	20.32	20.36	20.35	19.64	0.0920
15+15	1	0	1	74		10.73	10.45	10.41		
15+15	1	74	1	0		10.30	10.61	10.39		
15+15	75	0	75	0	256-QAM	19.45	19.39	19.29	18.73	0.0746
15+15	1	0	1	74		6.59	6.19	7.32		
15+15	1	74	1	0		6.98	7.17	7.14		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -0.72 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	20.85	21.05	20.80	22.68	0.1854
15+10	1	0	0	0		23.40	23.37	23.40		
15+10	1	0	1	49		14.14	13.60	14.13		
15+10	1	74	1	0		14.20	14.20	14.01		
15+10	75	0	50	0	16-QAM	19.94	19.89	19.85	22.23	0.1671
15+10	1	0	0	0		22.72	22.95	22.68		
15+10	1	0	1	49		13.70	12.93	13.16		
15+10	1	74	1	0		13.85	13.27	13.36		
15+10	75	0	50	0	64-QAM	20.43	20.40	20.34	19.71	0.0935
15+10	1	0	1	49		10.78	10.66	10.27		
15+10	1	74	1	0		10.58	10.57	10.26		
15+10	75	0	50	0	256-QAM	19.48	19.38	19.33	18.76	0.0752
15+10	1	0	1	49		6.47	7.36	6.67		
15+10	1	74	1	0		7.11	7.12	6.75		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 0.4 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	22.17	22.20	22.27	22.78	0.1897
20+20	1	0	0	0		22.38	22.31	22.36		
20+20	1	0	1	99		13.99	13.92	14.04		
20+20	1	99	1	0		13.98	13.88	13.95		
20+20	100	0	100	0	16-QAM	21.27	21.27	21.29	23.30	0.2138
20+20	1	0	0	0		22.90	22.86	22.86		
20+20	1	0	1	99		14.68	14.60	14.72		
20+20	1	99	1	0		14.63	14.59	14.59		
20+20	100	0	100	0	64-QAM	21.24	21.21	21.27	21.67	0.1469
20+20	1	0	1	99		12.18	12.07	12.19		
20+20	1	99	1	0		12.06	12.03	12.09		
20+20	100	0	100	0	256-QAM	19.24	19.20	19.27	19.67	0.0927
20+20	1	0	1	99		8.85	8.81	8.87		
20+20	1	99	1	0		8.74	8.76	8.77		
15+15	75	0	75	0	QPSK	22.13	22.04	22.05	22.77	0.1892
15+15	1	0	0	0		22.32	22.31	22.37		
15+15	1	0	1	74		13.84	13.80	13.82		
15+15	1	74	1	0		13.78	13.74	13.75		
15+15	75	0	75	0	16-QAM	21.12	21.08	21.05	23.31	0.2143
15+15	1	0	0	0		22.87	22.84	22.91		
15+15	1	0	1	74		14.51	13.41	14.47		
15+15	1	74	1	0		14.45	14.40	14.39		
15+15	75	0	75	0	64-QAM	21.13	21.06	21.07	21.53	0.1422
15+15	1	0	1	74		11.95	11.94	11.92		
15+15	1	74	1	0		11.93	11.87	11.87		
15+15	75	0	75	0	256-QAM	19.11	18.99	19.10	19.51	0.0893
15+15	1	0	1	74		8.66	8.63	8.64		
15+15	1	74	1	0		8.58	8.55	8.56		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.4 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	21.42	21.32	21.20	22.75	0.1884
20+20	1	0	0	0		22.35	22.28	22.16		
20+20	1	0	1	99		12.38	12.30	12.21		
20+20	1	99	1	0		12.32	12.26	12.10		
20+20	100	0	100	0	16-QAM	21.48	21.40	21.26	23.40	0.2188
20+20	1	0	0	0		22.89	23.00	22.72		
20+20	1	0	1	99		13.07	13.01	12.94		
20+20	1	99	1	0		12.98	12.91	12.73		
20+20	100	0	100	0	64-QAM	21.40	21.36	21.30	21.80	0.1514
20+20	1	0	1	99		10.54	10.49	10.41		
20+20	1	99	1	0		10.46	10.40	10.28		
20+20	100	0	100	0	256-QAM	19.44	19.35	19.27	19.84	0.0964
20+20	1	0	1	99		8.54	8.49	8.36		
20+20	1	99	1	0		8.47	8.42	8.29		
20+15	100	0	75	0	QPSK	21.41	21.30	21.20	22.74	0.1879
20+15	1	0	0	0		22.34	22.25	22.17		
20+15	1	0	1	74		12.39	12.31	12.21		
20+15	1	99	1	0		12.37	12.21	12.11		
20+15	100	0	75	0	16-QAM	21.46	21.37	21.27	23.26	0.2118
20+15	1	0	0	0		22.86	22.73	22.68		
20+15	1	0	1	74		13.05	12.96	12.96		
20+15	1	99	1	0		12.97	12.90	12.77		
20+15	100	0	75	0	64-QAM	21.46	21.34	21.28	21.86	0.1535
20+15	1	0	1	74		10.52	10.48	10.40		
20+15	1	99	1	0		10.46	10.34	10.25		
20+15	100	0	75	0	256-QAM	19.45	19.35	19.26	19.85	0.0966
20+15	1	0	1	74		8.53	8.46	8.40		
20+15	1	99	1	0		8.44	8.32	8.28		
15+20	75	0	100	0	QPSK	21.46	21.35	21.15	22.82	0.1914
15+20	1	0	0	0		22.42	22.30	22.15		
15+20	1	0	1	99		12.43	12.29	12.14		
15+20	1	74	1	0		12.38	12.25	12.13		
15+20	75	0	100	0	16-QAM	21.53	21.39	21.26	23.35	0.2163
15+20	1	0	0	0		22.95	22.79	22.63		
15+20	1	0	1	99		13.09	12.98	12.86		
15+20	1	74	1	0		13.03	12.91	12.79		
15+20	75	0	100	0	64-QAM	21.52	21.38	21.27	21.92	0.1556
15+20	1	0	1	99		10.54	10.47	10.34		
15+20	1	74	1	0		10.56	10.39	10.30		
15+20	75	0	100	0	256-QAM	19.48	19.37	19.25	19.88	0.0973
15+20	1	0	1	99		8.62	8.44	8.39		
15+20	1	74	1	0		8.55	8.34	8.25		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.4 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	21.32	21.26	21.15	22.76	0.1888
20+10	1	0	0	0		22.36	22.29	22.20		
20+10	1	0	1	49		12.35	12.23	12.22		
20+10	1	99	1	0		12.28	12.20	12.13		
20+10	100	0	50	0	16-QAM	21.41	21.36	21.27	23.32	0.2148
20+10	1	0	0	0		22.92	22.76	22.72		
20+10	1	0	1	49		12.95	12.97	12.93		
20+10	1	99	1	0		12.94	12.87	12.79		
20+10	100	0	50	0	64-QAM	21.40	21.31	21.29	21.80	0.1514
20+10	1	0	1	49		10.50	10.44	10.37		
20+10	1	99	1	0		10.42	10.35	10.23		
20+10	100	0	50	0	256-QAM	19.40	19.29	19.26	19.80	0.0955
20+10	1	0	1	49		8.56	8.44	8.38		
20+10	1	99	1	0		8.45	8.29	8.22		
10+20	50	0	100	0	QPSK	21.50	21.22	21.18	22.92	0.1959
10+20	1	0	0	0		22.52	22.28	22.13		
10+20	1	0	1	99		12.41	12.30	12.09		
10+20	1	49	1	0		12.43	12.21	12.08		
10+20	50	0	100	0	16-QAM	21.33	21.34	21.19	23.39	0.2183
10+20	1	0	0	0		22.99	22.74	22.63		
10+20	1	0	1	99		13.06	12.92	12.76		
10+20	1	49	1	0		13.06	12.88	12.72		
10+20	50	0	100	0	64-QAM	21.55	21.39	21.24	21.95	0.1567
10+20	1	0	1	99		10.60	10.43	10.26		
10+20	1	49	1	0		10.54	10.37	10.17		
10+20	50	0	100	0	256-QAM	19.59	19.43	19.26	19.99	0.0998
10+20	1	0	1	99		8.55	8.36	8.25		
10+20	1	49	1	0		8.51	8.31	8.18		
20+5	100	0	25	0	QPSK	21.39	21.33	21.21	22.80	0.1905
20+5	1	0	0	0		22.40	22.36	22.20		
20+5	1	0	1	24		12.38	12.32	12.18		
20+5	1	99	1	0		12.30	12.23	12.04		
20+5	100	0	25	0	16-QAM	21.44	21.42	21.24	23.30	0.2138
20+5	1	0	0	0		22.90	22.84	22.72		
20+5	1	0	1	24		12.97	13.02	12.88		
20+5	1	99	1	0		12.97	12.88	12.75		
20+5	100	0	25	0	64-QAM	21.44	21.37	21.23	21.84	0.1528
20+5	1	0	1	24		10.51	10.51	10.36		
20+5	1	99	1	0		10.40	10.39	10.16		
20+5	100	0	25	0	256-QAM	19.42	19.40	19.24	19.82	0.0959
20+5	1	0	1	24		8.53	8.54	8.36		
20+5	1	99	1	0		8.41	8.35	8.20		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.4 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	21.31	21.19	22.88	0.1941
5+20	1	0	0	0		22.48	22.24	22.10		
5+20	1	0	1	99		12.47	12.32	12.12		
5+20	1	24	1	0		12.37	12.22	12.04		
5+20	25	0	100	0	16-QAM	21.49	21.40	21.22	23.41	0.2193
5+20	1	0	0	0		23.01	22.81	22.68		
5+20	1	0	1	99		13.09	12.84	12.83		
5+20	1	24	1	0		13.04	12.75	12.70		
5+20	25	0	100	0	64-QAM	21.52	21.34	21.21	21.92	0.1556
5+20	1	0	1	99		10.56	10.45	10.27		
5+20	1	24	1	0		10.53	10.36	10.20		
5+20	25	0	100	0	256-QAM	19.58	19.37	19.25	19.98	0.0995
5+20	1	0	1	99		8.60	8.43	8.30		
5+20	1	24	1	0		8.48	8.31	8.17		
15+10	75	0	50	0	QPSK	21.44	21.30	21.18	22.83	0.1919
15+10	1	0	0	0		22.43	22.25	22.17		
15+10	1	0	1	49		12.47	12.28	12.18		
15+10	1	74	1	0		12.36	12.18	12.11		
15+10	75	0	50	0	16-QAM	21.48	21.37	21.26	23.36	0.2168
15+10	1	0	0	0		22.96	22.75	22.72		
15+10	1	0	1	49		13.08	12.96	12.92		
15+10	1	74	1	0		13.03	12.83	12.77		
15+10	75	0	50	0	64-QAM	21.55	21.38	21.22	21.95	0.1567
15+10	1	0	1	49		10.54	10.42	10.32		
15+10	1	74	1	0		10.56	10.34	10.25		
15+10	75	0	50	0	256-QAM	19.49	19.34	19.24	19.89	0.0975
15+10	1	0	1	49		8.60	8.43	8.34		
15+10	1	74	1	0		8.51	8.33	8.25		
10+15	50	0	75	0	QPSK	21.46	21.33	21.21	22.81	0.1910
10+15	1	0	0	0		22.41	22.30	22.11		
10+15	1	0	1	74		12.36	12.27	12.19		
10+15	1	49	1	0		12.36	12.25	12.16		
10+15	50	0	75	0	16-QAM	21.50	21.38	21.26	23.36	0.2168
10+15	1	0	0	0		22.96	22.88	22.60		
10+15	1	0	1	74		13.03	12.98	12.87		
10+15	1	49	1	0		13.03	12.94	12.77		
10+15	50	0	75	0	64-QAM	21.50	21.41	21.26	21.90	0.1549
10+15	1	0	1	74		10.54	10.47	10.32		
10+15	1	49	1	0		10.48	10.37	10.19		
10+15	50	0	75	0	256-QAM	19.54	19.46	19.32	19.94	0.0986
10+15	1	0	1	74		8.54	8.47	8.26		
10+15	1	49	1	0		8.52	8.37	8.19		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 0.4 dB)										
15+15	75	0	75	0	QPSK	21.55	21.27	21.15	22.83	0.1919
15+15	1	0	0	0		22.43	22.25	22.11		
15+15	1	0	1	74		12.49	12.24	12.12		
15+15	1	74	1	0		12.40	12.22	12.08		
15+15	75	0	75	0	16-QAM	21.54	21.37	21.18	23.40	0.2188
15+15	1	0	0	0		23.00	22.82	22.63		
15+15	1	0	1	74		13.12	12.92	12.82		
15+15	1	74	1	0		13.07	12.86	12.73		
15+15	75	0	75	0	64-QAM	21.56	21.33	21.19	21.96	0.1570
15+15	1	0	1	74		10.57	10.46	10.29		
15+15	1	74	1	0		10.54	10.41	10.21		
15+15	75	0	75	0	256-QAM	19.47	19.41	19.22	19.87	0.0971
15+15	1	0	1	74		8.58	8.46	8.29		
15+15	1	74	1	0		8.54	8.43	8.17		
Limit	EIRP < 2W					Result			Pass	



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP/EIRP)

<TX1 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.52	23.59	23.56	20.08	0.1019
20	1	49		23.45	23.56	23.25		
20	1	99		23.41	23.54	23.43		
20	50	0		22.45	22.56	22.54		
20	50	24		22.43	22.51	22.46		
20	50	50		22.43	22.45	22.46		
20	100	0		22.40	22.52	22.43		
20	1	0	16-QAM	22.90	22.92	22.77	19.41	0.0873
20	1	49		22.86	22.87	22.65		
20	1	99		22.71	22.79	22.70		
20	50	0		21.49	21.50	21.44		
20	50	24		21.51	21.50	21.44		
20	50	50		21.53	21.46	21.42		
20	100	0		21.49	21.49	21.42		
20	1	0	64-QAM	21.77	21.74	21.69	18.32	0.0679
20	1	49		21.80	21.83	21.70		
20	1	99		21.63	21.72	21.65		
20	50	0		20.56	20.64	20.57		
20	50	24		20.60	20.67	20.55		
20	50	50		20.58	20.63	20.54		
20	100	0		20.59	20.55	20.51		
20	1	0	256-QAM	18.78	18.86	18.96	15.47	0.0352
20	1	49		18.21	18.33	18.37		
20	1	99		18.77	18.89	18.98		
20	50	0		18.64	18.78	18.79		
20	50	24		18.65	18.75	18.79		
20	50	50		18.55	18.69	18.72		
20	100	0		18.66	18.75	18.78		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.58	23.58	23.57	20.07	0.1016
15	1	37		23.48	23.57	23.54		
15	1	74		23.52	23.56	23.55		
15	36	0		22.58	22.70	22.67		
15	36	20		22.54	22.72	22.63		
15	36	39		22.57	22.69	22.64		
15	75	0		22.53	22.74	22.66		
15	1	0	16-QAM	23.08	22.98	22.97	19.61	0.0914
15	1	37		22.99	23.12	23.05		
15	1	74		22.86	22.97	22.89		
15	36	0		21.62	21.68	21.61		
15	36	20		21.59	21.70	21.63		
15	36	39		21.58	21.66	21.63		
15	75	0		21.60	21.71	21.63		
15	1	0	64-QAM	22.87	21.96	21.91	19.36	0.0863
15	1	37		22.37	21.99	21.93		
15	1	74		21.83	21.89	21.80		
15	36	0		20.81	20.82	20.75		
15	36	20		20.74	20.85	20.75		
15	36	39		20.75	20.79	20.76		
15	75	0		20.75	20.77	20.71		
15	1	0	256-QAM	18.72	18.80	18.72	15.29	0.0338
15	1	37		18.62	18.72	18.58		
15	1	74		18.71	18.79	18.73		
15	36	0		18.57	18.69	18.58		
15	36	20		18.57	18.67	18.57		
15	36	39		18.64	18.75	18.68		
15	75	0		18.70	18.76	18.65		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.56	23.51	23.49	20.05	0.1012
10	1	25		23.52	23.53	23.47		
10	1	49		23.47	23.54	23.41		
10	25	0		22.70	22.72	22.66		
10	25	12		22.68	22.74	22.63		
10	25	25		22.63	22.72	22.62		
10	50	0		22.65	22.70	22.68		
10	1	0	16-QAM	22.99	22.96	23.03	19.52	0.0895
10	1	25		22.96	22.97	22.92		
10	1	49		22.97	22.93	22.78		
10	25	0		21.71	21.70	21.69		
10	25	12		21.68	21.71	21.67		
10	25	25		21.70	21.72	21.64		
10	50	0		21.71	21.70	21.67		
10	1	0	64-QAM	21.95	21.98	21.97	18.50	0.0708
10	1	25		21.94	22.01	21.98		
10	1	49		21.85	21.88	21.81		
10	25	0		20.77	20.80	20.75		
10	25	12		20.75	20.82	20.76		
10	25	25		20.69	20.80	20.71		
10	50	0		20.74	20.84	20.75		
10	1	0	256-QAM	18.75	18.85	18.70	15.34	0.0342
10	1	25		18.55	18.72	18.56		
10	1	49		18.69	18.79	18.65		
10	25	0		18.60	18.74	18.61		
10	25	12		18.65	18.77	18.59		
10	25	25		18.64	18.78	18.63		
10	50	0		18.66	18.79	18.69		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.31	23.55	23.40	20.07	0.1016
5	1	12		23.58	23.42	23.31		
5	1	24		23.32	23.44	23.30		
5	12	0		22.65	22.73	22.62		
5	12	7		22.62	22.71	22.60		
5	12	13		22.70	22.74	22.57		
5	25	0		22.64	22.68	22.55		
5	1	0	16-QAM	23.06	22.99	22.93	19.58	0.0908
5	1	12		23.09	23.03	22.96		
5	1	24		23.04	22.93	22.85		
5	12	0		21.71	21.68	21.59		
5	12	7		21.70	21.69	21.61		
5	12	13		21.67	21.75	21.57		
5	25	0		21.64	21.64	21.58		
5	1	0	64-QAM	22.87	21.88	21.77	19.36	0.0863
5	1	12		22.46	21.91	21.96		
5	1	24		22.78	21.98	21.78		
5	12	0		20.79	20.80	20.77		
5	12	7		20.85	20.80	20.68		
5	12	13		20.79	20.84	20.74		
5	25	0		20.79	20.79	20.64		
5	1	0	256-QAM	18.78	18.83	18.68	15.33	0.0341
5	1	12		18.82	18.84	18.62		
5	1	24		18.79	18.81	18.64		
5	12	0		18.68	18.77	18.53		
5	12	7		18.74	18.78	18.56		
5	12	13		18.80	18.81	18.60		
5	25	0		18.68	18.73	18.55		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.49	23.53	23.44	20.07	0.1016
3	1	8		23.54	23.49	23.54		
3	1	14		23.46	23.58	23.48		
3	8	0		22.58	22.66	22.53		
3	8	4		22.56	22.53	22.42		
3	8	7		22.51	22.61	22.50		
3	15	0		22.52	22.56	22.52		
3	1	0	16-QAM	22.94	23.06	22.99	19.55	0.0902
3	1	8		22.88	22.90	22.78		
3	1	14		22.85	23.00	22.86		
3	8	0		21.62	21.61	21.62		
3	8	4		21.59	21.64	21.55		
3	8	7		21.58	21.60	21.51		
3	15	0		21.55	21.62	21.53		
3	1	0	64-QAM	21.83	21.83	21.86	18.35	0.0684
3	1	8		21.78	21.77	21.66		
3	1	14		21.81	21.80	21.77		
3	8	0		20.67	20.71	20.73		
3	8	4		20.67	20.75	20.75		
3	8	7		20.75	20.76	20.77		
3	15	0		20.69	20.74	20.73		
3	1	0	256-QAM	18.76	18.84	18.78	15.33	0.0341
3	1	8		18.59	18.74	18.73		
3	1	14		18.66	18.76	18.67		
3	8	0		18.68	18.75	18.67		
3	8	4		18.59	18.68	18.58		
3	8	7		18.62	18.71	18.64		
3	15	0		18.68	18.73	18.70		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.51	23.57	23.48	20.06	0.1014
1.4	1	3		23.42	23.43	23.56		
1.4	1	5		23.47	23.48	23.39		
1.4	3	0		23.41	23.47	23.43		
1.4	3	1		23.48	23.57	23.50		
1.4	3	3		23.42	23.49	23.45		
1.4	6	0		22.59	22.60	22.63		
1.4	1	0	16-QAM	22.92	23.07	23.07	19.56	0.0904
1.4	1	3		22.93	22.87	22.81		
1.4	1	5		22.97	22.96	22.99		
1.4	3	0		22.51	22.66	22.58		
1.4	3	1		22.69	22.75	22.72		
1.4	3	3		22.63	22.66	22.59		
1.4	6	0		21.68	21.72	21.72		
1.4	1	0	64-QAM	21.86	21.91	21.89	18.54	0.0714
1.4	1	3		22.01	22.05	22.01		
1.4	1	5		21.89	21.99	21.97		
1.4	3	0		21.77	21.81	21.78		
1.4	3	1		21.83	21.82	21.87		
1.4	3	3		21.79	21.86	21.85		
1.4	6	0		20.73	20.78	20.70		
1.4	1	0	256-QAM	18.72	18.83	18.67	15.32	0.0340
1.4	1	3		18.59	18.65	18.51		
1.4	1	5		18.68	18.73	18.56		
1.4	3	0		18.69	18.77	18.64		
1.4	3	1		18.56	18.64	18.52		
1.4	3	3		18.60	18.72	18.63		
1.4	6	0		18.70	18.65	18.69		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.66	23.67	23.64	20.16	0.1038
20	1	49		23.33	23.39	23.50		
20	1	99		23.59	23.64	23.49		
20	50	0		22.63	22.65	22.59		
20	50	24		22.61	22.64	22.54		
20	50	50		22.61	22.56	22.52		
20	100	0		22.60	22.64	22.57		
20	1	0	16-QAM	22.83	22.93	22.88	19.42	0.0875
20	1	49		22.79	22.86	22.85		
20	1	99		22.80	22.89	22.80		
20	50	0		21.60	21.59	21.53		
20	50	24		21.57	21.61	21.55		
20	50	50		21.55	21.68	21.50		
20	100	0		21.58	21.64	21.50		
20	1	0	64-QAM	21.88	21.87	21.70	18.39	0.0690
20	1	49		21.87	21.90	21.74		
20	1	99		21.82	21.74	21.67		
20	50	0		20.78	20.75	20.69		
20	50	24		20.69	20.75	20.73		
20	50	50		20.77	20.72	20.60		
20	100	0		20.62	20.72	20.59		
20	1	0	256-QAM	18.78	18.88	18.79	15.39	0.0346
20	1	49		18.75	18.76	18.62		
20	1	99		18.79	18.90	18.73		
20	50	0		18.75	18.85	18.72		
20	50	24		18.80	18.84	18.67		
20	50	50		18.76	18.76	18.69		
20	100	0		18.81	18.86	18.78		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.62	23.66	23.63	20.15	0.1035
15	1	37		23.54	23.53	23.43		
15	1	74		23.63	23.61	23.58		
15	36	0		22.69	22.72	22.67		
15	36	20		22.64	22.70	22.64		
15	36	39		22.62	22.75	22.62		
15	75	0		22.67	22.76	22.64		
15	1	0	16-QAM	23.01	23.12	22.91	19.61	0.0914
15	1	37		23.04	22.99	22.88		
15	1	74		22.88	22.93	22.80		
15	36	0		21.69	21.68	21.63		
15	36	20		21.63	21.72	21.64		
15	36	39		21.61	21.72	21.62		
15	75	0		21.66	21.73	21.66		
15	1	0	64-QAM	22.00	21.97	21.89	18.52	0.0711
15	1	37		21.94	21.96	21.93		
15	1	74		21.92	22.03	21.87		
15	36	0		20.80	20.85	20.82		
15	36	20		20.76	20.81	20.77		
15	36	39		20.75	20.83	20.76		
15	75	0		20.74	20.78	20.72		
15	1	0	256-QAM	18.74	18.84	18.76	15.40	0.0347
15	1	37		18.77	18.86	18.74		
15	1	74		18.85	18.91	18.76		
15	36	0		18.63	18.76	18.66		
15	36	20		18.71	18.78	18.64		
15	36	39		18.68	18.77	18.69		
15	75	0		18.67	18.76	18.70		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.66	23.60	23.55	20.15	0.1035
10	1	25		23.64	23.54	23.58		
10	1	49		23.65	23.57	23.57		
10	25	0		22.70	22.81	22.74		
10	25	12		22.65	22.77	22.73		
10	25	25		22.70	22.78	22.73		
10	50	0		22.66	22.80	22.75		
10	1	0	16-QAM	22.98	23.11	23.08	19.60	0.0912
10	1	25		22.88	23.03	23.08		
10	1	49		23.00	23.06	22.88		
10	25	0		21.73	21.74	21.76		
10	25	12		21.69	21.80	21.72		
10	25	25		21.72	21.79	21.70		
10	50	0		21.67	21.76	21.71		
10	1	0	64-QAM	21.98	22.08	22.06	18.57	0.0719
10	1	25		21.96	22.04	22.00		
10	1	49		21.90	21.97	21.93		
10	25	0		20.81	20.85	20.87		
10	25	12		20.82	20.82	20.86		
10	25	25		20.78	20.85	20.77		
10	50	0		20.82	20.85	20.86		
10	1	0	256-QAM	18.84	18.89	18.82	15.38	0.0345
10	1	25		18.65	18.78	18.70		
10	1	49		18.77	18.81	18.72		
10	25	0		18.69	18.75	18.66		
10	25	12		18.70	18.76	18.74		
10	25	25		18.66	18.77	18.71		
10	50	0		18.72	18.80	18.75		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.62	23.65	23.51	20.14	0.1033
5	1	12		23.56	23.55	23.41		
5	1	24		23.48	23.57	23.47		
5	12	0		22.52	22.63	22.51		
5	12	7		22.48	22.56	22.48		
5	12	13		22.53	22.63	22.55		
5	25	0		22.49	22.57	22.50		
5	1	0	16-QAM	22.89	22.95	22.78	19.47	0.0885
5	1	12		22.90	22.98	22.72		
5	1	24		22.86	22.92	22.75		
5	12	0		21.54	21.61	21.51		
5	12	7		21.58	21.65	21.52		
5	12	13		21.52	21.65	21.49		
5	25	0		21.50	21.61	21.45		
5	1	0	64-QAM	21.75	21.87	21.82	18.40	0.0692
5	1	12		21.76	21.81	21.78		
5	1	24		21.82	21.91	21.79		
5	12	0		20.65	20.75	20.66		
5	12	7		20.66	20.74	20.61		
5	12	13		20.69	20.74	20.69		
5	25	0		20.67	20.74	20.68		
5	1	0	256-QAM	18.68	18.80	18.71	15.35	0.0343
5	1	12		18.62	18.79	18.73		
5	1	24		18.69	18.86	18.76		
5	12	0		18.63	18.71	18.60		
5	12	7		18.66	18.73	18.65		
5	12	13		18.55	18.72	18.59		
5	25	0		18.59	18.76	18.70		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.57	23.61	23.59	20.12	0.1028
3	1	8		23.57	23.52	23.57		
3	1	14		23.54	23.63	23.59		
3	8	0		22.66	22.72	22.58		
3	8	4		22.56	22.60	22.52		
3	8	7		22.64	22.69	22.57		
3	15	0		22.60	22.65	22.57		
3	1	0	16-QAM	22.94	23.08	22.84	19.57	0.0906
3	1	8		22.91	23.00	22.79		
3	1	14		22.90	23.00	22.90		
3	8	0		21.71	21.76	21.61		
3	8	4		21.70	21.72	21.58		
3	8	7		21.67	21.70	21.58		
3	15	0		21.67	21.68	21.59		
3	1	0	64-QAM	21.88	21.87	21.83	18.40	0.0692
3	1	8		21.82	21.89	21.80		
3	1	14		21.82	21.91	21.75		
3	8	0		20.73	20.79	20.66		
3	8	4		20.76	20.81	20.71		
3	8	7		20.80	20.81	20.76		
3	15	0		20.73	20.81	20.70		
3	1	0	256-QAM	18.75	18.85	18.73	15.34	0.0342
3	1	8		18.58	18.75	18.59		
3	1	14		18.71	18.81	18.61		
3	8	0		18.71	18.80	18.68		
3	8	4		18.65	18.73	18.56		
3	8	7		18.63	18.77	18.66		
3	15	0		18.59	18.76	18.62		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = -3.51 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.62	23.66	23.65	20.15	0.1035
1.4	1	3		23.54	23.65	23.48		
1.4	1	5		23.61	23.66	23.55		
1.4	3	0		23.58	23.59	23.51		
1.4	3	1		23.46	23.63	23.40		
1.4	3	3		23.56	23.58	23.49		
1.4	6	0		22.55	22.60	22.44		
1.4	1	0	16-QAM	22.93	22.98	22.81	19.47	0.0885
1.4	1	3		22.84	22.97	22.82		
1.4	1	5		22.89	22.94	22.80		
1.4	3	0		22.54	22.62	22.46		
1.4	3	1		22.60	22.71	22.54		
1.4	3	3		22.60	22.66	22.51		
1.4	6	0		21.70	21.73	21.58		
1.4	1	0	64-QAM	21.88	21.92	21.80	18.51	0.0710
1.4	1	3		21.97	21.97	21.72		
1.4	1	5		21.82	22.02	21.74		
1.4	3	0		21.73	21.78	21.61		
1.4	3	1		21.77	21.75	21.65		
1.4	3	3		21.79	21.77	21.71		
1.4	6	0		20.78	20.73	20.56		
1.4	1	0	256-QAM	18.71	18.74	18.53	15.25	0.0335
1.4	1	3		18.60	18.65	18.39		
1.4	1	5		18.76	18.74	18.51		
1.4	3	0		18.76	18.73	18.46		
1.4	3	1		18.69	18.68	18.42		
1.4	3	3		18.71	18.67	18.49		
1.4	6	0		18.61	18.65	18.45		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.60	23.68	23.56	17.76	0.0597
20	1	49		23.42	23.61	23.41		
20	1	99		23.54	23.56	23.60		
20	50	0		22.66	22.67	22.65		
20	50	24		22.65	22.62	22.59		
20	50	50		22.60	22.59	22.56		
20	100	0		22.61	22.66	22.64		
20	1	0	16-QAM	22.80	22.85	22.78	16.97	0.0498
20	1	49		22.84	22.78	22.89		
20	1	99		22.69	22.86	22.84		
20	50	0		21.53	21.58	21.60		
20	50	24		21.53	21.59	21.53		
20	50	50		21.52	21.58	21.55		
20	100	0		21.56	21.63	21.52		
20	1	0	64-QAM	21.69	21.87	21.74	15.95	0.0394
20	1	49		21.72	21.75	21.67		
20	1	99		21.69	21.71	21.74		
20	50	0		20.63	20.72	20.60		
20	50	24		20.62	20.72	20.68		
20	50	50		20.57	20.64	20.57		
20	100	0		20.54	20.64	20.58		
20	1	0	256-QAM	18.78	18.86	18.76	12.94	0.0197
20	1	49		18.42	18.44	18.38		
20	1	99		18.65	18.66	18.60		
20	50	0		18.59	18.66	18.53		
20	50	24		18.58	18.62	18.49		
20	50	50		18.60	18.65	18.49		
20	100	0		18.57	18.63	18.52		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.64	23.61	23.62	17.73	0.0593
15	1	37		23.64	23.65	23.64		
15	1	74		23.58	23.53	23.55		
15	36	0		22.82	22.84	22.77		
15	36	20		22.79	22.76	22.80		
15	36	39		22.79	22.76	22.76		
15	75	0		22.77	22.76	22.76		
15	1	0	16-QAM	23.13	23.03	23.02	17.23	0.0528
15	1	37		23.08	23.15	23.01		
15	1	74		23.08	22.97	23.01		
15	36	0		21.76	21.70	21.70		
15	36	20		21.74	21.67	21.68		
15	36	39		21.70	21.67	21.71		
15	75	0		21.71	21.70	21.70		
15	1	0	64-QAM	22.00	21.95	21.94	16.08	0.0406
15	1	37		21.91	21.84	21.87		
15	1	74		21.91	21.86	21.87		
15	36	0		20.86	20.82	20.78		
15	36	20		20.84	20.76	20.80		
15	36	39		20.82	20.76	20.78		
15	75	0		20.78	20.73	20.75		
15	1	0	256-QAM	18.92	18.93	18.88	13.01	0.0200
15	1	37		18.82	18.86	18.78		
15	1	74		18.87	18.87	18.89		
15	36	0		18.81	18.82	18.81		
15	36	20		18.79	18.77	18.76		
15	36	39		18.77	18.75	18.76		
15	75	0		18.83	18.80	18.74		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.66	23.54	23.57	17.74	0.0594
10	1	25		23.53	23.66	23.54		
10	1	49		23.56	23.66	23.55		
10	25	0		22.83	22.75	22.82		
10	25	12		22.82	22.75	22.80		
10	25	25		22.80	22.74	22.80		
10	50	0		22.82	22.73	22.79		
10	1	0	16-QAM	23.02	22.82	22.92	17.12	0.0515
10	1	25		23.02	22.80	23.00		
10	1	49		23.04	22.87	22.91		
10	25	0		21.81	21.69	21.76		
10	25	12		21.80	21.69	21.77		
10	25	25		21.79	21.67	21.74		
10	50	0		21.74	21.66	21.75		
10	1	0	64-QAM	22.95	21.81	21.98	17.03	0.0505
10	1	25		22.66	21.73	21.83		
10	1	49		21.95	21.78	21.90		
10	25	0		20.81	20.67	20.83		
10	25	12		20.78	20.66	20.77		
10	25	25		20.77	20.70	20.80		
10	50	0		20.87	20.78	20.85		
10	1	0	256-QAM	18.81	18.76	18.76	12.95	0.0197
10	1	25		18.80	18.71	18.74		
10	1	49		18.87	18.78	18.78		
10	25	0		18.74	18.71	18.69		
10	25	12		18.71	18.72	18.79		
10	25	25		18.78	18.69	18.70		
10	50	0		18.81	18.72	18.71		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.66	23.61	23.59	17.75	0.0596
5	1	12		23.56	23.67	23.58		
5	1	24		23.61	23.64	23.67		
5	12	0		22.83	22.69	22.74		
5	12	7		22.79	22.68	22.70		
5	12	13		22.83	22.69	22.74		
5	25	0		22.82	22.76	22.75		
5	1	0	16-QAM	23.07	22.90	23.03	17.23	0.0528
5	1	12		23.15	22.92	23.06		
5	1	24		23.01	22.92	22.96		
5	12	0		21.79	21.76	21.71		
5	12	7		21.82	21.70	21.71		
5	12	13		21.80	21.62	21.70		
5	25	0		21.75	21.70	21.72		
5	1	0	64-QAM	22.86	21.79	21.84	16.95	0.0495
5	1	12		22.62	21.81	21.86		
5	1	24		22.87	21.84	21.85		
5	12	0		20.88	20.73	20.75		
5	12	7		20.85	20.69	20.77		
5	12	13		20.84	20.69	20.80		
5	25	0		20.82	20.67	20.77		
5	1	0	256-QAM	18.90	18.75	18.80	13.00	0.0200
5	1	12		18.92	18.77	18.85		
5	1	24		18.86	18.80	18.90		
5	12	0		18.72	18.65	18.68		
5	12	7		18.86	18.72	18.75		
5	12	13		18.77	18.70	18.76		
5	25	0		18.77	18.71	18.79		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.67	23.61	23.65	17.75	0.0596
3	1	8		23.66	23.58	23.66		
3	1	14		23.63	23.60	23.65		
3	8	0		22.83	22.69	22.75		
3	8	4		22.74	22.58	22.71		
3	8	7		22.85	22.68	22.75		
3	15	0		22.87	22.83	22.86		
3	1	0	16-QAM	23.07	22.89	22.95	17.17	0.0521
3	1	8		23.09	22.83	22.98		
3	1	14		23.02	22.89	23.01		
3	8	0		21.86	21.66	21.76		
3	8	4		21.81	21.64	21.72		
3	8	7		21.83	21.62	21.73		
3	15	0		21.87	21.76	21.83		
3	1	0	64-QAM	21.93	21.86	21.91	16.03	0.0401
3	1	8		21.95	21.76	21.81		
3	1	14		21.91	21.70	21.92		
3	8	0		20.87	20.65	20.77		
3	8	4		20.84	20.66	20.76		
3	8	7		20.90	20.72	20.81		
3	15	0		20.84	20.70	20.81		
3	1	0	256-QAM	18.85	18.78	18.88	12.96	0.0198
3	1	8		18.79	18.73	18.74		
3	1	14		18.79	18.75	18.77		
3	8	0		18.84	18.70	18.78		
3	8	4		18.68	18.64	18.65		
3	8	7		18.85	18.71	18.75		
3	15	0		18.87	18.74	18.84		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.67	23.52	23.56	17.75	0.0596
1.4	1	3		23.63	23.63	23.61		
1.4	1	5		23.66	23.48	23.64		
1.4	3	0		23.65	23.49	23.66		
1.4	3	1		23.54	23.58	23.59		
1.4	3	3		23.66	23.49	23.50		
1.4	6	0		22.86	22.79	22.75		
1.4	1	0	16-QAM	23.15	22.87	22.92	17.23	0.0528
1.4	1	3		23.06	22.79	22.92		
1.4	1	5		23.12	22.82	22.91		
1.4	3	0		22.78	22.58	22.60		
1.4	3	1		22.82	22.67	22.64		
1.4	3	3		22.83	22.55	22.63		
1.4	6	0		21.86	21.72	21.74		
1.4	1	0	64-QAM	21.94	21.76	21.78	16.10	0.0407
1.4	1	3		22.02	21.66	21.84		
1.4	1	5		21.96	21.70	21.87		
1.4	3	0		21.89	21.63	21.69		
1.4	3	1		21.95	21.67	21.69		
1.4	3	3		21.86	21.69	21.74		
1.4	6	0		20.79	20.55	20.65		
1.4	1	0	256-QAM	18.84	18.70	18.80	13.01	0.0200
1.4	1	3		18.88	18.65	18.69		
1.4	1	5		18.93	18.71	18.71		
1.4	3	0		18.82	18.68	18.71		
1.4	3	1		18.85	18.61	18.64		
1.4	3	3		18.81	18.65	18.71		
1.4	6	0		18.80	18.64	18.73		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.03	24.13	24.06	14.97	0.0314
10	1	25		23.90	23.84	23.96		
10	1	49		23.92	23.80	23.99		
10	25	0		23.02	23.12	23.00		
10	25	12		22.99	22.92	22.98		
10	25	25		22.97	22.87	22.85		
10	50	0		22.96	23.03	22.99		
10	1	0	16-QAM	23.05	23.21	22.99	14.05	0.0254
10	1	25		23.02	23.15	22.89		
10	1	49		22.95	23.09	22.94		
10	25	0		21.95	22.00	21.94		
10	25	12		22.01	21.84	21.86		
10	25	25		22.05	21.84	21.96		
10	50	0		21.91	21.94	21.85		
10	1	0	64-QAM	22.14	22.08	22.11	13.02	0.0200
10	1	25		22.11	22.14	22.17		
10	1	49		21.98	22.18	22.04		
10	25	0		20.90	20.84	20.91		
10	25	12		20.92	20.97	20.82		
10	25	25		20.92	20.89	20.72		
10	50	0		21.02	20.89	20.84		
10	1	0	256-QAM	19.13	19.23	19.11	10.07	0.0102
10	1	25		19.11	19.17	19.14		
10	1	49		19.11	18.90	18.94		
10	25	0		19.07	19.09	18.93		
10	25	12		18.98	19.08	18.87		
10	25	25		18.93	19.04	18.82		
10	50	0		19.05	18.97	18.90		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.12	24.08	24.11	14.96	0.0313
5	1	12		23.98	23.92	24.01		
5	1	24		24.04	23.95	23.95		
5	12	0		23.04	22.98	23.03		
5	12	7		23.02	22.91	22.99		
5	12	13		23.03	22.96	23.00		
5	25	0		23.01	22.92	22.97		
5	1	0	16-QAM	23.39	23.33	23.45	14.29	0.0269
5	1	12		23.43	23.21	23.41		
5	1	24		23.37	23.15	23.18		
5	12	0		22.08	21.98	22.04		
5	12	7		22.08	21.95	22.02		
5	12	13		22.01	21.91	22.00		
5	25	0		22.00	21.93	21.96		
5	1	0	64-QAM	22.14	22.03	22.14	13.16	0.0207
5	1	12		22.19	22.06	22.32		
5	1	24		22.17	22.02	21.99		
5	12	0		21.05	20.94	21.06		
5	12	7		21.01	20.93	20.99		
5	12	13		21.00	20.90	20.97		
5	25	0		21.02	20.90	20.97		
5	1	0	256-QAM	19.15	19.05	19.02	9.99	0.0100
5	1	12		19.09	19.01	19.07		
5	1	24		19.08	18.98	18.96		
5	12	0		19.04	18.95	18.99		
5	12	7		18.97	18.89	18.91		
5	12	13		18.91	18.88	18.95		
5	25	0		19.03	18.91	18.96		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.10	24.00	24.09	14.94	0.0312
3	1	8		23.93	23.85	23.98		
3	1	14		23.93	23.87	24.06		
3	8	0		23.07	22.99	22.97		
3	8	4		22.94	22.85	22.94		
3	8	7		23.00	22.97	22.93		
3	15	0		23.02	23.00	23.00		
3	1	0	16-QAM	23.36	23.32	23.32	14.30	0.0269
3	1	8		23.28	23.15	23.28		
3	1	14		23.46	23.18	23.29		
3	8	0		22.09	22.02	22.08		
3	8	4		22.07	21.94	22.01		
3	8	7		22.04	21.99	21.96		
3	15	0		22.06	21.99	22.00		
3	1	0	64-QAM	22.21	22.02	22.12	13.05	0.0202
3	1	8		22.10	21.94	22.01		
3	1	14		22.09	22.01	22.11		
3	8	0		21.02	20.92	20.99		
3	8	4		21.02	20.91	20.97		
3	8	7		21.03	20.97	20.97		
3	15	0		21.05	20.89	20.99		
3	1	0	256-QAM	19.17	19.07	19.15	10.01	0.0100
3	1	8		19.06	18.99	19.05		
3	1	14		19.05	18.98	18.98		
3	8	0		19.12	18.97	19.00		
3	8	4		19.03	18.91	18.92		
3	8	7		19.10	18.96	19.01		
3	15	0		19.09	18.93	19.00		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.01	23.94	24.00	14.85	0.0305
1.4	1	3		23.97	23.87	23.87		
1.4	1	5		23.99	23.94	23.85		
1.4	3	0		23.99	23.89	23.92		
1.4	3	1		23.84	23.81	23.76		
1.4	3	3		24.00	23.92	23.88		
1.4	6	0		22.98	22.95	22.86		
1.4	1	0	16-QAM	23.30	23.26	23.24	14.15	0.0260
1.4	1	3		23.16	23.08	23.13		
1.4	1	5		23.31	23.19	23.15		
1.4	3	0		22.93	22.82	22.94		
1.4	3	1		23.01	22.85	22.96		
1.4	3	3		22.99	22.86	22.85		
1.4	6	0		21.99	21.97	21.98		
1.4	1	0	64-QAM	23.09	22.05	22.05	13.99	0.0251
1.4	1	3		23.15	22.06	22.07		
1.4	1	5		22.11	22.02	21.96		
1.4	3	0		21.99	21.90	21.97		
1.4	3	1		22.01	21.94	21.94		
1.4	3	3		22.03	21.92	21.94		
1.4	6	0		20.91	20.82	20.85		
1.4	1	0	256-QAM	18.97	18.95	18.94	9.88	0.0097
1.4	1	3		18.85	18.86	18.84		
1.4	1	5		18.98	18.93	18.90		
1.4	3	0		19.04	18.95	18.90		
1.4	3	1		18.96	18.88	18.81		
1.4	3	3		18.96	18.90	18.84		
1.4	6	0		18.89	18.86	18.86		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.26	24.11	24.25	20.32	0.1076
20	1	49		24.14	24.03	23.93		
20	1	99		24.04	24.05	24.20		
20	50	0		23.22	23.18	23.19		
20	50	24		23.20	23.11	23.16		
20	50	50		23.17	23.06	23.17		
20	100	0		23.22	23.13	23.18		
20	1	0	16-QAM	23.39	23.30	23.55	19.63	0.0918
20	1	49		23.40	23.45	23.57		
20	1	99		23.37	23.21	23.37		
20	50	0		22.27	22.19	22.23		
20	50	24		22.19	22.16	22.21		
20	50	50		22.23	22.09	22.20		
20	100	0		22.20	22.11	22.21		
20	1	0	64-QAM	22.41	22.35	22.40	18.47	0.0703
20	1	49		22.35	22.33	22.31		
20	1	99		22.29	22.31	22.32		
20	50	0		21.18	21.21	21.24		
20	50	24		21.20	21.16	21.14		
20	50	50		21.11	21.10	21.09		
20	100	0		21.12	21.13	21.15		
20	1	0	256-QAM	19.35	19.29	19.43	15.49	0.0354
20	1	49		19.21	19.23	19.34		
20	1	99		19.11	19.08	19.12		
20	50	0		19.05	19.08	19.17		
20	50	24		19.03	19.06	19.16		
20	50	50		19.03	19.00	19.06		
20	100	0		19.09	19.10	19.14		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.16	24.12	24.09	20.22	0.1052
15	1	37		23.95	23.83	23.97		
15	1	74		24.11	24.02	24.08		
15	36	0		23.20	23.16	23.11		
15	36	20		23.16	23.12	23.11		
15	36	39		23.14	23.10	23.10		
15	75	0		23.19	23.12	23.13		
15	1	0	16-QAM	23.47	23.35	23.52	19.60	0.0912
15	1	37		23.54	23.42	23.50		
15	1	74		23.37	23.36	23.43		
15	36	0		22.18	22.12	22.15		
15	36	20		22.18	22.11	22.09		
15	36	39		22.11	22.09	22.12		
15	75	0		22.17	22.11	22.17		
15	1	0	64-QAM	22.30	22.31	22.28	18.48	0.0705
15	1	37		22.42	22.32	22.32		
15	1	74		22.33	22.24	22.29		
15	36	0		21.19	21.11	21.10		
15	36	20		21.15	21.08	21.09		
15	36	39		21.18	21.05	21.07		
15	75	0		21.12	21.05	21.02		
15	1	0	256-QAM	19.25	19.27	19.17	15.33	0.0341
15	1	37		19.15	19.16	19.06		
15	1	74		19.08	19.11	19.01		
15	36	0		19.10	19.09	18.97		
15	36	20		19.06	19.04	18.93		
15	36	39		19.05	19.02	18.96		
15	75	0		19.10	19.09	19.03		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.25	24.13	24.17	20.31	0.1074
10	1	25		24.17	24.00	24.04		
10	1	49		24.20	24.10	24.09		
10	25	0		23.29	23.18	23.14		
10	25	12		23.29	23.14	23.13		
10	25	25		23.28	23.15	23.12		
10	50	0		23.28	23.14	23.12		
10	1	0	16-QAM	23.53	23.39	23.44	19.59	0.0910
10	1	25		23.44	23.40	23.43		
10	1	49		23.45	23.37	23.40		
10	25	0		22.31	22.20	22.18		
10	25	12		22.31	22.16	22.16		
10	25	25		22.27	22.12	22.13		
10	50	0		22.27	22.09	22.14		
10	1	0	64-QAM	22.38	22.40	22.35	18.55	0.0716
10	1	25		22.30	22.21	22.24		
10	1	49		22.49	22.29	22.27		
10	25	0		21.21	21.14	21.12		
10	25	12		21.21	21.10	21.13		
10	25	25		21.20	21.06	21.09		
10	50	0		21.25	21.09	21.08		
10	1	0	256-QAM	19.35	19.24	19.21	15.41	0.0348
10	1	25		19.15	19.08	19.03		
10	1	49		19.24	19.11	19.04		
10	25	0		19.14	19.06	19.01		
10	25	12		19.21	19.05	19.03		
10	25	25		19.12	19.01	18.98		
10	50	0		19.18	19.07	19.04		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = -3.94 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.24	24.14	24.10	20.30	0.1072
5	1	12		24.16	24.05	23.99		
5	1	24		24.22	24.03	24.04		
5	12	0		23.24	23.11	23.09		
5	12	7		23.23	23.08	23.07		
5	12	13		23.25	23.10	23.09		
5	25	0		23.24	23.07	23.08		
5	1	0	16-QAM	23.44	23.42	23.46	19.63	0.0918
5	1	12		23.52	23.40	23.51		
5	1	24		23.57	23.27	23.45		
5	12	0		22.22	22.10	22.16		
5	12	7		22.25	22.12	22.16		
5	12	13		22.21	22.08	22.13		
5	25	0		22.19	22.06	22.07		
5	1	0	64-QAM	22.34	22.27	22.28	18.44	0.0698
5	1	12		22.38	22.23	22.31		
5	1	24		22.34	22.27	22.24		
5	12	0		21.15	21.09	21.12		
5	12	7		21.20	21.10	21.12		
5	12	13		21.23	21.08	21.13		
5	25	0		21.19	21.09	21.08		
5	1	0	256-QAM	19.23	19.15	19.14	15.29	0.0338
5	1	12		19.21	19.13	19.04		
5	1	24		19.21	19.15	19.08		
5	12	0		19.07	19.04	18.94		
5	12	7		19.06	19.03	19.02		
5	12	13		19.07	19.01	18.93		
5	25	0		19.12	19.02	18.95		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.10	24.14	24.10	14.65	0.0292
10	1	25		24.04	24.02	24.04		
10	1	49		23.97	23.97	23.87		
10	25	0		23.10	23.13	23.12		
10	25	12		23.09	23.04	23.11		
10	25	25		23.02	23.02	23.03		
10	50	0		23.07	23.10	23.05		
10	1	0	16-QAM	23.26	23.29	23.34	13.85	0.0243
10	1	25		23.25	23.16	23.16		
10	1	49		23.04	23.16	23.03		
10	25	0		22.16	22.22	22.11		
10	25	12		22.09	22.10	22.06		
10	25	25		22.05	22.04	21.92		
10	50	0		22.11	22.02	22.08		
10	1	0	64-QAM	22.32	22.46	22.35	12.97	0.0198
10	1	25		22.31	22.17	22.21		
10	1	49		22.06	21.95	22.01		
10	25	0		21.18	21.18	21.14		
10	25	12		21.11	21.11	21.11		
10	25	25		21.07	21.02	21.11		
10	50	0		21.10	21.10	21.05		
10	1	0	256-QAM	19.26	19.32	19.17	9.83	0.0096
10	1	25		19.04	19.06	18.97		
10	1	49		18.97	19.06	18.91		
10	25	0		19.09	19.15	19.03		
10	25	12		19.04	19.05	18.98		
10	25	25		18.97	19.01	18.86		
10	50	0		19.10	19.10	18.98		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.11	24.12	24.09	14.63	0.0290
5	1	12		24.08	24.03	24.04		
5	1	24		24.10	24.06	23.99		
5	12	0		23.19	23.13	23.09		
5	12	7		23.10	23.06	23.04		
5	12	13		23.11	23.04	23.04		
5	25	0		23.08	23.10	23.08		
5	1	0	16-QAM	23.38	23.45	23.30	13.96	0.0249
5	1	12		23.33	23.28	23.22		
5	1	24		23.31	23.17	23.20		
5	12	0		22.14	22.13	22.05		
5	12	7		22.14	22.13	22.12		
5	12	13		22.13	22.08	22.04		
5	25	0		22.07	22.08	22.05		
5	1	0	64-QAM	22.29	22.27	22.13	12.80	0.0191
5	1	12		22.21	22.21	22.22		
5	1	24		22.21	22.09	22.16		
5	12	0		21.16	21.22	21.17		
5	12	7		21.16	21.18	21.11		
5	12	13		21.15	21.13	21.08		
5	25	0		21.15	21.17	21.06		
5	1	0	256-QAM	19.20	19.23	19.09	9.74	0.0094
5	1	12		19.14	19.17	19.06		
5	1	24		19.07	19.11	18.95		
5	12	0		19.10	19.13	19.00		
5	12	7		19.06	19.09	18.98		
5	12	13		19.02	19.05	18.91		
5	25	0		19.02	19.10	18.90		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.02	24.12	24.11	14.63	0.0290
3	1	8		23.90	24.04	24.01		
3	1	14		23.94	24.11	24.07		
3	8	0		23.09	23.08	23.05		
3	8	4		23.00	23.00	22.95		
3	8	7		23.06	23.05	23.01		
3	15	0		23.17	23.14	23.13		
3	1	0	16-QAM	23.29	23.40	23.26	13.91	0.0246
3	1	8		23.29	23.32	23.18		
3	1	14		23.37	23.22	23.21		
3	8	0		22.10	22.20	22.13		
3	8	4		22.14	22.12	22.09		
3	8	7		22.08	22.06	22.01		
3	15	0		22.17	22.12	22.09		
3	1	0	64-QAM	22.17	22.26	22.12	12.77	0.0189
3	1	8		22.10	22.15	22.06		
3	1	14		22.23	22.04	22.04		
3	8	0		21.09	21.19	21.08		
3	8	4		21.08	21.12	21.08		
3	8	7		21.13	21.18	21.08		
3	15	0		21.11	21.14	21.06		
3	1	0	256-QAM	19.11	19.21	19.05	9.72	0.0094
3	1	8		19.12	19.15	19.06		
3	1	14		18.99	19.11	18.94		
3	8	0		19.04	19.12	19.03		
3	8	4		18.95	19.05	18.87		
3	8	7		18.99	19.07	18.96		
3	15	0		19.05	19.09	18.98		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -7.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.02	23.97	24.06	14.57	0.0286
1.4	1	3		23.91	23.91	23.92		
1.4	1	5		23.97	23.92	23.98		
1.4	3	0		24.00	24.00	23.98		
1.4	3	1		23.90	23.88	23.83		
1.4	3	3		24.01	24.00	23.98		
1.4	6	0		23.06	23.06	22.97		
1.4	1	0	16-QAM	23.22	23.28	23.33	13.84	0.0242
1.4	1	3		23.16	23.10	23.14		
1.4	1	5		23.22	23.30	23.23		
1.4	3	0		22.87	22.95	22.91		
1.4	3	1		22.96	22.99	22.91		
1.4	3	3		22.95	22.94	22.89		
1.4	6	0		22.10	22.10	22.06		
1.4	1	0	64-QAM	22.14	22.17	22.12	12.76	0.0189
1.4	1	3		22.23	22.25	22.21		
1.4	1	5		22.07	22.16	22.06		
1.4	3	0		22.06	22.05	22.04		
1.4	3	1		22.06	22.08	22.04		
1.4	3	3		22.13	22.10	22.07		
1.4	6	0		21.00	21.06	20.99		
1.4	1	0	256-QAM	18.94	19.10	19.01	9.63	0.0092
1.4	1	3		18.91	19.05	18.95		
1.4	1	5		18.98	19.12	19.04		
1.4	3	0		18.95	19.07	18.90		
1.4	3	1		18.95	19.02	18.88		
1.4	3	3		18.98	19.05	18.88		
1.4	6	0		18.87	18.95	18.84		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -6.33 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.21	-	15.73	0.0374
10	1	25			24.07			
10	1	49			24.04			
10	25	0			23.25			
10	25	12			23.09			
10	25	25			23.09			
10	50	0			23.13			
10	1	0	16-QAM		23.52		15.04	0.0319
10	1	25			23.17			
10	1	49			23.24			
10	25	0			22.24			
10	25	12			22.16			
10	25	25			22.17			
10	50	0			22.15			
10	1	0	64-QAM		22.42		13.94	0.0248
10	1	25			22.20			
10	1	49			22.26			
10	25	0			21.07			
10	25	12			21.05			
10	25	25			21.05			
10	50	0			21.07			
10	1	0	256-QAM		19.33		10.85	0.0122
10	1	25			19.06			
10	1	49			19.19			
10	25	0			19.15			
10	25	12			19.10			
10	25	25			19.13			
10	50	0			19.22			
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -6.33 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.20	24.19	24.08	15.72	0.0373
5	1	12		24.04	24.05	24.02		
5	1	24		24.07	24.07	24.09		
5	12	0		23.15	23.11	23.12		
5	12	7		23.12	23.06	23.08		
5	12	13		23.07	23.09	23.15		
5	25	0		23.18	23.21	23.22		
5	1	0	16-QAM	23.41	23.29	23.29	14.93	0.0311
5	1	12		23.41	23.35	23.40		
5	1	24		23.24	23.31	23.36		
5	12	0		22.18	22.07	22.12		
5	12	7		22.16	22.11	22.23		
5	12	13		22.08	22.10	22.18		
5	25	0		22.10	22.14	22.16		
5	1	0	64-QAM	22.25	22.30	22.18	13.87	0.0244
5	1	12		22.24	22.22	22.35		
5	1	24		22.13	22.24	22.28		
5	12	0		21.12	21.09	21.13		
5	12	7		21.06	21.07	21.14		
5	12	13		21.03	21.06	21.15		
5	25	0		21.04	21.05	21.08		
5	1	0	256-QAM	19.21	19.22	19.17	10.74	0.0119
5	1	12		19.15	19.19	19.21		
5	1	24		19.12	19.20	19.20		
5	12	0		19.00	19.09	19.08		
5	12	7		19.06	19.10	19.06		
5	12	13		19.04	19.08	19.02		
5	25	0		19.01	19.11	19.06		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -7.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.11	24.12	24.10	14.63	0.0290
10	1	25		24.05	23.94	24.02		
10	1	49		24.02	23.92	23.97		
10	25	0		23.15	23.17	23.08		
10	25	12		23.06	23.15	23.06		
10	25	25		23.05	23.07	23.04		
10	50	0		23.05	23.12	23.06		
10	1	0	16-QAM	23.34	23.38	23.30	13.89	0.0245
10	1	25		23.19	23.15	23.06		
10	1	49		23.11	23.17	23.14		
10	25	0		22.17	22.08	22.04		
10	25	12		22.10	22.08	22.04		
10	25	25		21.97	22.02	22.06		
10	50	0		22.09	22.08	22.10		
10	1	0	64-QAM	22.40	22.36	22.38	12.91	0.0195
10	1	25		22.20	22.03	22.18		
10	1	49		22.11	22.17	22.17		
10	25	0		21.15	21.16	21.10		
10	25	12		21.12	21.09	21.07		
10	25	25		21.06	21.02	21.02		
10	50	0		21.07	21.03	21.08		
10	1	0	256-QAM	19.45	19.45	19.45	9.96	0.0099
10	1	25		18.95	19.01	18.96		
10	1	49		19.09	19.09	19.14		
10	25	0		19.05	19.11	19.10		
10	25	12		19.09	19.05	19.07		
10	25	25		18.96	19.00	19.01		
10	50	0		19.13	19.11	19.06		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -7.34 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.10	24.04	24.01	14.61	0.0289
5	1	12		24.00	24.05	23.94		
5	1	24		24.07	23.98	23.98		
5	12	0		23.17	23.11	23.09		
5	12	7		23.12	23.04	23.05		
5	12	13		23.14	23.05	23.05		
5	25	0		23.13	23.12	23.09		
5	1	0	16-QAM	23.48	23.43	23.23	13.99	0.0251
5	1	12		23.36	23.23	23.31		
5	1	24		23.29	23.24	23.18		
5	12	0		22.19	22.16	22.04		
5	12	7		22.18	22.11	22.05		
5	12	13		22.10	22.03	22.06		
5	25	0		22.12	22.06	22.07		
5	1	0	64-QAM	22.36	22.25	22.14	12.89	0.0195
5	1	12		22.38	22.20	22.25		
5	1	24		22.20	22.13	22.10		
5	12	0		21.24	21.18	21.13		
5	12	7		21.17	21.15	21.13		
5	12	13		21.19	21.13	21.10		
5	25	0		21.16	21.12	21.13		
5	1	0	256-QAM	19.16	19.19	19.12	9.70	0.0093
5	1	12		19.12	19.11	19.07		
5	1	24		19.13	19.12	19.04		
5	12	0		19.08	19.08	19.03		
5	12	7		19.02	19.06	19.02		
5	12	13		19.01	19.00	18.91		
5	25	0		19.01	19.03	18.98		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.13	24.05	24.06	14.97	0.0314
15	1	37		23.87	23.85	23.81		
15	1	74		23.89	23.91	23.85		
15	36	0		23.05	22.83	23.00		
15	36	20		22.97	23.10	22.95		
15	36	39		22.93	22.85	22.84		
15	75	0		23.04	22.94	22.94		
15	1	0	16-QAM	23.32	23.21	23.36	14.34	0.0272
15	1	37		23.26	23.50	23.26		
15	1	74		23.28	23.18	23.11		
15	36	0		21.98	22.27	21.95		
15	36	20		21.94	22.06	21.90		
15	36	39		21.95	21.95	21.94		
15	75	0		22.04	22.06	21.91		
15	1	0	64-QAM	22.31	22.15	22.11	13.15	0.0207
15	1	37		22.05	22.26	22.02		
15	1	74		22.14	21.85	21.88		
15	36	0		21.04	21.09	20.96		
15	36	20		20.90	21.05	20.95		
15	36	39		20.92	20.90	20.90		
15	75	0		20.93	20.84	20.90		
15	1	0	256-QAM	19.26	19.46	19.17	10.30	0.0107
15	1	37		19.03	18.91	19.10		
15	1	74		18.84	19.02	18.79		
15	36	0		18.96	18.91	18.92		
15	36	20		18.90	18.93	18.79		
15	36	39		18.77	18.92	18.74		
15	75	0		18.96	19.03	18.96		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.19	24.04	24.02	15.03	0.0318
10	1	25		23.96	24.02	23.96		
10	1	49		23.84	23.96	23.88		
10	25	0		23.10	23.05	23.03		
10	25	12		23.04	22.98	23.02		
10	25	25		22.91	23.05	22.97		
10	50	0		23.09	23.05	23.00		
10	1	0	16-QAM	23.29	23.48	23.24	14.32	0.0270
10	1	25		23.24	23.39	23.23		
10	1	49		23.13	23.12	23.16		
10	25	0		22.09	21.97	22.02		
10	25	12		22.04	22.08	22.01		
10	25	25		22.08	21.87	21.96		
10	50	0		22.06	22.08	22.02		
10	1	0	64-QAM	22.26	22.32	22.08	13.16	0.0207
10	1	25		22.13	22.05	22.15		
10	1	49		22.09	22.08	21.99		
10	25	0		21.02	20.91	20.98		
10	25	12		21.02	21.05	20.97		
10	25	25		21.04	20.84	20.93		
10	50	0		21.11	20.92	20.98		
10	1	0	256-QAM	19.25	19.07	19.13	10.09	0.0102
10	1	25		18.82	18.93	18.87		
10	1	49		19.06	18.98	18.93		
10	25	0		18.91	19.10	19.00		
10	25	12		18.89	19.01	18.99		
10	25	25		18.91	18.89	18.93		
10	50	0		19.04	18.94	18.89		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.00	24.06	24.10	14.94	0.0312
5	1	12		24.10	24.03	23.96		
5	1	24		24.05	23.95	23.95		
5	12	0		22.98	23.14	23.08		
5	12	7		22.97	22.96	23.02		
5	12	13		23.06	22.92	22.97		
5	25	0		23.03	22.96	22.99		
5	1	0	16-QAM	23.27	23.39	23.43	14.27	0.0267
5	1	12		23.41	23.30	23.33		
5	1	24		23.18	23.25	23.19		
5	12	0		22.12	22.12	22.06		
5	12	7		22.05	22.10	22.08		
5	12	13		21.92	21.88	21.98		
5	25	0		22.04	22.08	21.98		
5	1	0	64-QAM	22.14	22.21	22.19	13.05	0.0202
5	1	12		22.21	22.15	22.13		
5	1	24		22.07	22.09	22.05		
5	12	0		21.12	20.91	21.03		
5	12	7		21.05	21.11	21.01		
5	12	13		20.91	21.04	20.98		
5	25	0		21.04	20.98	21.02		
5	1	0	256-QAM	19.15	19.10	19.17	10.02	0.0100
5	1	12		19.13	19.11	19.05		
5	1	24		19.18	19.10	19.06		
5	12	0		19.08	19.10	19.01		
5	12	7		18.88	19.03	19.02		
5	12	13		18.89	18.87	18.89		
5	25	0		19.10	18.94	18.90		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.05	24.11	24.06	14.95	0.0313
3	1	8		23.99	23.98	23.84		
3	1	14		24.03	23.81	23.85		
3	8	0		23.10	23.14	22.98		
3	8	4		23.00	22.95	22.88		
3	8	7		23.03	22.92	22.95		
3	15	0		23.02	22.95	23.00		
3	1	0	16-QAM	23.41	23.50	23.31	14.34	0.0272
3	1	8		23.25	23.34	23.31		
3	1	14		23.23	23.33	23.23		
3	8	0		22.01	22.13	22.08		
3	8	4		22.13	22.11	21.94		
3	8	7		22.09	21.98	21.97		
3	15	0		22.12	22.05	22.00		
3	1	0	64-QAM	22.15	22.18	22.19	13.03	0.0201
3	1	8		22.05	22.08	22.07		
3	1	14		22.16	21.97	22.00		
3	8	0		21.06	20.90	20.96		
3	8	4		20.96	20.95	20.98		
3	8	7		21.10	21.08	20.92		
3	15	0		20.92	21.00	20.92		
3	1	0	256-QAM	18.99	19.19	18.92	10.03	0.0101
3	1	8		18.87	19.00	18.85		
3	1	14		18.91	19.02	18.89		
3	8	0		18.91	19.12	18.86		
3	8	4		18.84	18.98	18.83		
3	8	7		18.80	18.91	18.75		
3	15	0		18.79	18.90	18.79		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.03	23.91	23.97	14.87	0.0307
1.4	1	3		23.88	23.88	23.87		
1.4	1	5		23.94	23.95	23.89		
1.4	3	0		24.02	23.94	23.86		
1.4	3	1		23.88	23.84	23.74		
1.4	3	3		23.91	23.86	23.89		
1.4	6	0		22.93	22.91	22.91		
1.4	1	0	16-QAM	23.18	23.12	23.30	14.14	0.0259
1.4	1	3		23.11	23.18	23.12		
1.4	1	5		23.22	23.22	23.15		
1.4	3	0		22.86	22.98	22.84		
1.4	3	1		23.03	23.06	22.93		
1.4	3	3		22.92	22.96	22.84		
1.4	6	0		21.99	22.08	21.95		
1.4	1	0	64-QAM	22.15	22.12	22.03	13.06	0.0202
1.4	1	3		22.21	22.09	21.98		
1.4	1	5		22.22	22.08	22.04		
1.4	3	0		21.99	22.01	21.93		
1.4	3	1		21.95	22.05	21.89		
1.4	3	3		22.12	22.08	21.92		
1.4	6	0		20.88	20.84	20.79		
1.4	1	0	256-QAM	18.98	19.00	18.95	9.95	0.0099
1.4	1	3		18.94	18.86	18.75		
1.4	1	5		19.11	19.11	18.90		
1.4	3	0		18.96	19.06	18.89		
1.4	3	1		18.97	18.94	18.85		
1.4	3	3		19.01	18.81	18.79		
1.4	6	0		18.89	18.96	18.73		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.15	24.16	24.12	20.67	0.1167
20	1	49		24.12	24.15	24.10		
20	1	99		24.06	24.04	23.98		
20	50	0		23.12	23.18	23.15		
20	50	24		23.08	23.13	23.11		
20	50	50		23.04	23.04	22.98		
20	100	0		23.07	23.08	23.04		
20	1	0	16-QAM	23.20	23.25	23.27	19.78	0.0951
20	1	49		23.13	23.16	23.13		
20	1	99		23.13	23.13	23.08		
20	50	0		22.12	22.15	22.14		
20	50	24		22.11	22.13	22.08		
20	50	50		22.07	22.06	22.04		
20	100	0		22.09	22.11	22.08		
20	1	0	64-QAM	22.89	21.84	21.82	19.48	0.0887
20	1	49		22.97	21.82	21.78		
20	1	99		21.68	21.68	21.66		
20	50	0		21.12	21.14	21.14		
20	50	24		21.07	21.09	21.08		
20	50	50		21.05	21.06	21.03		
20	100	0		21.07	21.09	21.07		
20	1	0	256-QAM	18.88	18.92	18.86	15.60	0.0363
20	1	49		18.72	18.81	18.71		
20	1	99		18.67	18.74	18.69		
20	50	0		19.01	19.09	19.02		
20	50	24		19.05	19.07	18.99		
20	50	50		18.92	19.01	18.93		
20	100	0		18.98	19.07	18.96		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.14	24.12	24.05	20.65	0.1161
15	1	37		23.89	24.04	24.04		
15	1	74		24.03	24.09	24.05		
15	36	0		23.03	23.18	23.05		
15	36	20		22.93	23.23	23.13		
15	36	39		22.91	23.01	22.98		
15	75	0		23.00	23.10	23.10		
15	1	0	16-QAM	23.09	23.22	23.36	19.87	0.0971
15	1	37		23.07	23.20	23.22		
15	1	74		22.96	23.15	23.20		
15	36	0		21.79	22.05	22.03		
15	36	20		21.82	22.06	22.14		
15	36	39		21.91	22.05	22.00		
15	75	0		21.98	22.21	22.11		
15	1	0	64-QAM	21.58	21.79	21.92	18.43	0.0697
15	1	37		21.56	21.72	21.59		
15	1	74		21.65	21.71	21.64		
15	36	0		20.94	21.16	21.13		
15	36	20		20.86	21.15	21.12		
15	36	39		20.94	21.00	21.13		
15	75	0		20.87	21.09	21.14		
15	1	0	256-QAM	18.82	18.83	18.78	15.56	0.0360
15	1	37		18.66	18.75	18.69		
15	1	74		18.59	18.73	18.62		
15	36	0		18.98	18.99	18.98		
15	36	20		18.98	19.05	18.92		
15	36	39		18.82	19.01	18.89		
15	75	0		18.91	18.97	18.90		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.08	24.14	24.05	20.65	0.1161
10	1	25		23.98	24.02	24.04		
10	1	49		23.96	24.08	24.02		
10	25	0		23.91	23.14	23.13		
10	25	12		22.97	23.13	23.17		
10	25	25		22.92	23.02	22.98		
10	50	0		22.91	23.09	23.12		
10	1	0	16-QAM	22.94	23.12	23.28	19.82	0.0959
10	1	25		22.92	23.31	23.28		
10	1	49		23.12	23.24	23.19		
10	25	0		21.96	22.17	21.98		
10	25	12		21.96	22.13	22.08		
10	25	25		21.89	22.17	22.07		
10	50	0		21.89	22.12	22.12		
10	1	0	64-QAM	21.97	21.92	21.95	18.48	0.0705
10	1	25		21.56	21.84	21.57		
10	1	49		21.36	21.59	21.64		
10	25	0		21.13	21.15	21.20		
10	25	12		21.02	21.15	21.11		
10	25	25		20.91	21.11	21.10		
10	50	0		20.99	21.18	21.21		
10	1	0	256-QAM	18.85	18.86	18.83	15.59	0.0362
10	1	25		18.64	18.80	18.71		
10	1	49		18.58	18.70	18.61		
10	25	0		18.99	19.08	19.02		
10	25	12		19.00	19.02	18.94		
10	25	25		18.85	19.00	18.86		
10	50	0		18.88	19.01	18.94		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.82	24.06	24.06	20.57	0.1140
5	1	12		23.61	23.81	23.88		
5	1	24		23.82	23.96	23.96		
5	12	0		23.00	23.06	22.96		
5	12	7		22.81	23.03	22.98		
5	12	13		22.97	22.95	22.89		
5	25	0		22.82	23.06	23.02		
5	1	0	16-QAM	22.93	23.13	23.01	19.64	0.0920
5	1	12		22.73	22.93	22.97		
5	1	24		22.87	23.08	23.02		
5	12	0		21.80	21.93	21.86		
5	12	7		21.72	22.09	21.81		
5	12	13		21.82	22.06	21.88		
5	25	0		21.88	21.94	21.97		
5	1	0	64-QAM	21.48	21.74	21.67	18.25	0.0668
5	1	12		21.40	21.66	21.65		
5	1	24		21.58	21.64	21.73		
5	12	0		20.92	21.08	21.02		
5	12	7		20.88	20.97	21.10		
5	12	13		20.89	21.09	21.08		
5	25	0		20.82	21.04	20.95		
5	1	0	256-QAM	18.80	18.90	18.76	15.59	0.0362
5	1	12		18.70	18.76	18.71		
5	1	24		18.62	18.68	18.60		
5	12	0		18.99	19.08	18.98		
5	12	7		19.04	19.02	18.99		
5	12	13		18.84	18.93	18.86		
5	25	0		18.95	19.01	18.92		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	26.10	26.21	26.13	22.72	0.1871
20	1	49		26.05	26.06	26.02		
20	1	99		26.01	26.06	26.06		
20	50	0		25.20	25.21	25.20		
20	50	24		25.19	25.08	25.07		
20	50	50		25.16	25.15	25.10		
20	100	0		25.12	25.17	25.19		
20	1	0	16-QAM	25.46	25.58	25.58	22.09	0.1618
20	1	49		25.42	25.48	25.37		
20	1	99		25.47	25.39	25.40		
20	50	0		24.29	24.31	24.25		
20	50	24		24.23	24.27	24.27		
20	50	50		24.17	24.23	24.19		
20	100	0		24.23	24.15	24.19		
20	1	0	64-QAM	24.31	24.33	24.40	20.91	0.1233
20	1	49		24.27	24.21	24.14		
20	1	99		24.06	24.16	24.11		
20	50	0		23.16	23.22	23.17		
20	50	24		23.09	23.16	23.05		
20	50	50		23.13	23.12	23.08		
20	100	0		23.10	23.17	23.20		
20	1	0	256-QAM	21.20	21.32	21.26	17.83	0.0607
20	1	49		20.92	21.09	21.09		
20	1	99		20.93	21.01	21.04		
20	50	0		21.09	21.26	21.29		
20	50	24		21.06	21.20	21.16		
20	50	50		21.16	21.27	21.21		
20	100	0		21.06	21.19	21.18		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.81	26.01	26.07	22.58	0.1811
15	1	37		26.02	26.04	26.06		
15	1	74		25.86	25.94	25.81		
15	36	0		24.79	25.07	25.04		
15	36	20		24.78	24.93	25.01		
15	36	39		24.74	24.88	24.93		
15	75	0		24.76	24.93	24.95		
15	1	0	16-QAM	25.17	25.32	25.42	21.93	0.1560
15	1	37		25.20	25.42	25.37		
15	1	74		25.11	25.15	25.17		
15	36	0		23.81	24.00	23.97		
15	36	20		23.88	24.01	23.87		
15	36	39		23.85	23.99	23.95		
15	75	0		23.77	24.06	23.96		
15	1	0	64-QAM	23.85	23.98	24.12	20.63	0.1156
15	1	37		23.93	24.09	24.03		
15	1	74		23.74	23.96	23.87		
15	36	0		22.82	22.94	23.00		
15	36	20		22.74	22.99	22.89		
15	36	39		22.79	22.79	22.89		
15	75	0		22.70	22.99	22.89		
15	1	0	256-QAM	21.13	21.28	21.17	17.79	0.0601
15	1	37		20.83	21.02	20.99		
15	1	74		20.84	20.96	21.04		
15	36	0		20.99	21.17	21.22		
15	36	20		21.05	21.19	21.12		
15	36	39		21.13	21.25	21.15		
15	75	0		21.04	21.10	21.11		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.78	25.96	25.89	22.47	0.1766
10	1	25		25.71	25.87	25.91		
10	1	49		25.75	25.90	25.88		
10	25	0		24.84	24.91	24.95		
10	25	12		24.85	24.94	24.94		
10	25	25		24.81	25.00	24.86		
10	50	0		24.82	25.01	24.90		
10	1	0	16-QAM	25.08	25.38	25.26	21.98	0.1578
10	1	25		25.21	25.47	25.36		
10	1	49		25.10	25.23	25.14		
10	25	0		23.88	24.04	24.04		
10	25	12		23.86	24.08	24.05		
10	25	25		23.96	24.06	23.88		
10	50	0		23.83	24.10	23.98		
10	1	0	64-QAM	23.87	24.08	24.08	20.61	0.1151
10	1	25		23.96	24.05	24.10		
10	1	49		23.87	24.03	23.93		
10	25	0		22.75	22.94	23.00		
10	25	12		22.94	23.03	22.96		
10	25	25		22.79	22.95	22.88		
10	50	0		22.83	22.95	22.93		
10	1	0	256-QAM	21.16	21.23	21.17	17.80	0.0603
10	1	25		20.91	21.09	21.03		
10	1	49		20.84	20.99	21.00		
10	25	0		21.08	21.25	21.29		
10	25	12		21.04	21.11	21.14		
10	25	25		21.12	21.20	21.12		
10	50	0		20.98	21.10	21.13		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.81	26.02	25.86	22.53	0.1791
5	1	12		25.84	26.00	25.99		
5	1	24		25.79	25.99	25.78		
5	12	0		24.82	24.89	24.90		
5	12	7		24.88	25.05	24.86		
5	12	13		24.84	24.85	24.78		
5	25	0		24.85	25.07	25.01		
5	1	0	16-QAM	25.02	25.33	25.25	21.95	0.1567
5	1	12		25.22	25.44	25.37		
5	1	24		25.18	25.29	25.24		
5	12	0		23.77	24.06	24.03		
5	12	7		23.83	24.05	24.02		
5	12	13		23.78	24.04	24.02		
5	25	0		23.81	23.96	23.96		
5	1	0	64-QAM	23.70	24.09	24.02	20.60	0.1148
5	1	12		23.76	24.02	23.91		
5	1	24		23.96	24.08	23.90		
5	12	0		22.90	22.86	23.00		
5	12	7		22.82	23.06	22.94		
5	12	13		22.91	22.92	23.01		
5	25	0		22.92	23.06	23.04		
5	1	0	256-QAM	20.89	21.01	21.01	17.71	0.0590
5	1	12		20.85	20.93	20.97		
5	1	24		21.03	21.17	21.19		
5	12	0		21.01	21.14	21.11		
5	12	7		21.09	21.20	21.15		
5	12	13		21.03	21.13	21.14		
5	25	0		20.98	21.17	21.10		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.90	24.12	24.03	20.63	0.1156
20	1	49		23.96	23.99	23.84		
20	1	99		23.86	24.00	23.88		
20	50	0		22.91	23.10	23.02		
20	50	24		22.91	23.05	22.96		
20	50	50		22.87	23.01	22.90		
20	100	0		22.88	23.04	22.88		
20	1	0	16-QAM	23.04	23.21	23.10	19.72	0.0938
20	1	49		22.92	23.10	23.00		
20	1	99		22.94	23.10	22.96		
20	50	0		21.93	22.12	21.98		
20	50	24		21.93	22.08	21.93		
20	50	50		21.90	22.05	21.88		
20	100	0		21.91	22.07	21.93		
20	1	0	64-QAM	21.60	21.80	21.68	18.31	0.0678
20	1	49		21.60	21.79	21.64		
20	1	99		21.49	21.66	21.49		
20	50	0		20.93	21.11	20.99		
20	50	24		20.89	21.06	20.94		
20	50	50		20.86	21.02	20.89		
20	100	0		20.88	21.05	20.91		
20	1	0	256-QAM	18.68	18.93	18.78	15.60	0.0363
20	1	49		18.56	18.82	18.59		
20	1	99		18.49	18.75	18.51		
20	50	0		18.83	19.09	18.88		
20	50	24		18.91	19.08	18.84		
20	50	50		18.79	19.03	18.84		
20	100	0		18.84	19.01	18.82		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.89	24.02	23.94	20.53	0.1130
15	1	37		23.64	23.81	23.76		
15	1	74		23.91	23.88	23.86		
15	36	0		22.96	22.96	22.86		
15	36	20		22.89	22.92	22.91		
15	36	39		22.92	22.92	22.81		
15	75	0		22.98	22.94	22.88		
15	1	0	16-QAM	22.96	23.17	23.08	19.68	0.0929
15	1	37		22.89	23.07	23.00		
15	1	74		22.92	23.03	22.88		
15	36	0		21.79	21.82	21.95		
15	36	20		21.74	21.96	21.85		
15	36	39		21.87	21.91	21.74		
15	75	0		21.91	21.91	21.92		
15	1	0	64-QAM	21.48	21.64	21.70	18.21	0.0662
15	1	37		21.41	21.47	21.53		
15	1	74		21.53	21.49	21.53		
15	36	0		20.84	21.01	20.96		
15	36	20		20.81	20.96	20.87		
15	36	39		20.84	20.91	20.77		
15	75	0		20.78	20.91	20.88		
15	1	0	256-QAM	18.63	18.93	18.77	15.58	0.0361
15	1	37		18.54	18.80	18.55		
15	1	74		18.48	18.72	18.49		
15	36	0		18.74	19.03	18.82		
15	36	20		18.91	19.07	18.82		
15	36	39		18.70	18.96	18.82		
15	75	0		18.80	18.94	18.82		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.33	23.52	23.40	20.03	0.1007
10	1	25		23.37	23.51	23.48		
10	1	49		23.40	23.40	23.39		
10	25	0		22.46	22.55	22.59		
10	25	12		22.33	22.56	22.51		
10	25	25		22.50	22.52	22.51		
10	50	0		22.52	22.43	22.43		
10	1	0	16-QAM	22.49	22.55	22.52	19.20	0.0832
10	1	25		22.54	22.69	22.42		
10	1	49		22.48	22.51	22.50		
10	25	0		21.32	21.44	21.57		
10	25	12		21.39	21.59	21.37		
10	25	25		21.42	21.57	21.47		
10	50	0		21.48	21.58	21.37		
10	1	0	64-QAM	21.18	21.23	21.28	17.79	0.0601
10	1	25		21.16	21.17	21.19		
10	1	49		21.18	21.20	21.11		
10	25	0		20.53	20.59	20.55		
10	25	12		20.47	20.55	20.41		
10	25	25		20.45	20.54	20.59		
10	50	0		20.39	20.52	20.50		
10	1	0	256-QAM	18.13	18.51	18.31	15.15	0.0327
10	1	25		18.11	18.35	18.20		
10	1	49		18.15	18.25	18.14		
10	25	0		18.38	18.64	18.44		
10	25	12		18.39	18.59	18.29		
10	25	25		18.28	18.56	18.34		
10	50	0		18.37	18.47	18.44		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.36	23.58	23.36	20.09	0.1021
5	1	12		23.11	23.27	23.13		
5	1	24		23.29	23.36	23.28		
5	12	0		22.44	22.49	22.51		
5	12	7		22.45	22.53	22.34		
5	12	13		22.42	22.60	22.36		
5	25	0		22.39	22.60	22.49		
5	1	0	16-QAM	22.45	22.61	22.40	19.12	0.0817
5	1	12		22.38	22.58	22.55		
5	1	24		22.51	22.54	22.55		
5	12	0		21.35	21.50	21.45		
5	12	7		21.37	21.41	21.29		
5	12	13		21.29	21.44	21.28		
5	25	0		21.27	21.46	21.35		
5	1	0	64-QAM	21.16	21.20	21.14	17.71	0.0590
5	1	12		21.19	21.19	21.18		
5	1	24		21.19	21.18	21.15		
5	12	0		20.35	20.55	20.46		
5	12	7		20.37	20.44	20.46		
5	12	13		20.44	20.54	20.50		
5	25	0		20.38	20.51	20.54		
5	1	0	256-QAM	18.24	18.46	18.28	15.14	0.0327
5	1	12		18.12	18.37	18.12		
5	1	24		18.19	18.32	18.19		
5	12	0		18.33	18.63	18.44		
5	12	7		18.46	18.58	18.30		
5	12	13		18.38	18.62	18.33		
5	25	0		18.31	18.52	18.40		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.84	26.25	26.04	22.76	0.1888
20	1	49		25.82	26.15	25.92		
20	1	99		25.85	26.07	25.94		
20	50	0		25.10	25.24	25.10		
20	50	24		25.13	25.20	25.08		
20	50	50		25.06	25.17	25.04		
20	100	0		25.03	25.19	25.08		
20	1	0	16-QAM	25.21	25.59	25.40	22.10	0.1622
20	1	49		25.20	25.52	25.28		
20	1	99		25.23	25.45	25.31		
20	50	0		24.11	24.32	24.20		
20	50	24		24.05	24.21	24.10		
20	50	50		24.07	24.28	24.05		
20	100	0		24.05	24.20	24.09		
20	1	0	64-QAM	24.06	24.27	24.11	20.78	0.1197
20	1	49		23.93	24.19	24.10		
20	1	99		23.90	24.13	24.10		
20	50	0		23.09	23.25	23.14		
20	50	24		23.04	23.21	23.05		
20	50	50		23.09	23.17	23.03		
20	100	0		23.06	23.13	23.06		
20	1	0	256-QAM	21.14	21.27	21.11	17.82	0.0605
20	1	49		21.02	21.16	21.08		
20	1	99		21.02	21.09	20.92		
20	50	0		21.20	21.31	21.14		
20	50	24		21.11	21.28	21.11		
20	50	50		21.18	21.25	21.11		
20	100	0		21.17	21.26	21.10		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.79	26.06	25.86	22.57	0.1807
15	1	37		25.64	26.01	25.85		
15	1	74		25.56	25.21	25.62		
15	36	0		24.78	25.20	24.96		
15	36	20		24.75	25.07	24.83		
15	36	39		24.74	25.11	24.77		
15	75	0		24.75	25.50	24.80		
15	1	0	16-QAM	24.88	25.42	25.09	21.93	0.1560
15	1	37		24.98	25.38	25.15		
15	1	74		24.87	24.24	24.95		
15	36	0		23.82	24.13	23.81		
15	36	20		23.82	24.27	23.91		
15	36	39		23.84	24.18	23.88		
15	75	0		23.66	24.20	23.79		
15	1	0	64-QAM	23.68	24.15	23.81	20.66	0.1164
15	1	37		23.72	24.06	23.97		
15	1	74		23.92	23.22	23.71		
15	36	0		22.71	23.21	22.79		
15	36	20		22.65	23.10	22.74		
15	36	39		22.67	23.04	22.85		
15	75	0		22.68	22.77	22.75		
15	1	0	256-QAM	21.05	21.16	21.11	17.79	0.0601
15	1	37		20.98	21.04	21.05		
15	1	74		21.02	21.28	20.87		
15	36	0		21.18	21.22	21.06		
15	36	20		21.01	21.22	21.01		
15	36	39		21.18	21.25	21.08		
15	75	0		21.11	21.21	21.00		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.19	25.41	25.28	21.92	0.1556
10	1	25		25.13	25.30	25.20		
10	1	49		25.09	25.28	25.03		
10	25	0		24.68	24.79	24.73		
10	25	12		24.87	24.84	24.68		
10	25	25		24.85	24.76	24.68		
10	50	0		24.81	24.82	24.77		
10	1	0	16-QAM	24.89	25.57	25.03	22.08	0.1614
10	1	25		25.06	25.35	25.20		
10	1	49		25.02	25.07	24.95		
10	25	0		23.84	23.82	23.78		
10	25	12		23.86	23.83	23.73		
10	25	25		23.76	23.72	23.71		
10	50	0		23.82	23.92	23.74		
10	1	0	64-QAM	23.77	23.95	23.85	20.64	0.1159
10	1	25		23.82	24.00	24.13		
10	1	49		23.67	23.82	23.95		
10	25	0		22.77	22.97	22.83		
10	25	12		22.78	22.82	22.83		
10	25	25		22.84	22.82	22.76		
10	50	0		22.75	22.80	22.73		
10	1	0	256-QAM	20.71	20.64	20.63	17.35	0.0543
10	1	25		20.55	20.56	20.66		
10	1	49		20.49	20.84	20.47		
10	25	0		20.80	20.81	20.66		
10	25	12		20.56	20.82	20.59		
10	25	25		20.74	20.79	20.59		
10	50	0		20.60	20.70	20.67		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = -3.49 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.25	25.42	25.26	21.93	0.1560
5	1	12		25.16	25.39	25.28		
5	1	24		25.14	25.31	25.06		
5	12	0		24.78	24.73	24.75		
5	12	7		24.86	24.88	24.64		
5	12	13		24.70	24.83	24.72		
5	25	0		24.79	24.93	24.68		
5	1	0	16-QAM	24.88	25.16	25.05	21.88	0.1542
5	1	12		25.00	25.37	25.15		
5	1	24		24.94	25.10	24.97		
5	12	0		23.72	23.96	23.69		
5	12	7		23.67	23.86	23.76		
5	12	13		23.80	23.93	23.78		
5	25	0		23.89	23.79	23.79		
5	1	0	64-QAM	23.80	23.84	23.89	20.59	0.1146
5	1	12		23.72	24.08	23.91		
5	1	24		23.75	23.75	23.78		
5	12	0		22.67	22.94	22.90		
5	12	7		22.72	22.96	22.77		
5	12	13		22.75	22.82	22.70		
5	25	0		22.77	22.86	22.81		
5	1	0	256-QAM	20.62	20.66	20.62	17.37	0.0546
5	1	12		20.52	20.61	20.63		
5	1	24		20.52	20.83	20.49		
5	12	0		20.71	20.78	20.70		
5	12	7		20.61	20.76	20.61		
5	12	13		20.77	20.86	20.68		
5	25	0		20.62	20.79	20.69		
Limit	Power < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -5.14 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)			
10	1	0	QPSK	-	23.46	-	18.32	0.0679			
10	1	25			23.41						
10	1	49			23.43						
10	25	0			22.49						
10	25	12			22.42						
10	25	25			22.41						
10	50	0			22.42						
10	1	0	16-QAM		22.49		-	17.35	0.0543		
10	1	25			22.39						
10	1	49			22.43						
10	25	0			21.46						
10	25	12			21.48						
10	25	25			21.40						
10	50	0			21.42						
10	1	0	64-QAM		21.48			-	16.34	0.0431	
10	1	25			21.43						
10	1	49			21.45						
10	25	0			20.48						
10	25	12			20.39						
10	25	25			20.44						
10	50	0			20.44						
10	1	0	256-QAM		18.50				-	13.36	0.0217
10	1	25			18.45						
10	1	49			18.50						
10	25	0			18.44						
10	25	12			18.42						
10	25	25			18.36						
10	50	0			18.45						
Limit	EIRP < 250W/5MHz			Result						Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = -5.14 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.40	23.41	23.45	18.31	0.0678
5	1	12		23.32	23.38	23.45		
5	1	24		23.36	23.41	23.43		
5	12	0		22.37	22.46	22.49		
5	12	7		22.35	22.44	22.48		
5	12	13		22.42	22.46	22.50		
5	25	0		22.40	22.45	22.50		
5	1	0	16-QAM	21.26	21.22	21.40	16.36	0.0433
5	1	12		21.28	21.31	21.45		
5	1	24		21.37	21.35	21.50		
5	12	0		21.38	21.46	21.49		
5	12	7		21.44	21.50	21.48		
5	12	13		21.43	21.49	21.46		
5	25	0		21.38	21.43	21.50		
5	1	0	64-QAM	21.47	21.43	21.48	16.34	0.0431
5	1	12		21.38	21.27	21.38		
5	1	24		21.20	21.39	21.20		
5	12	0		20.44	20.50	20.47		
5	12	7		20.45	20.49	20.49		
5	12	13		20.46	20.50	20.50		
5	25	0		20.45	20.44	20.48		
5	1	0	256-QAM	18.43	18.50	18.48	13.36	0.0217
5	1	12		18.43	18.50	18.46		
5	1	24		18.50	18.50	18.47		
5	12	0		18.42	18.49	18.50		
5	12	7		18.47	18.46	18.40		
5	12	13		18.41	18.44	18.45		
5	25	0		18.42	18.43	18.41		
Limit	EIRP < 250W/5MHz			Result			Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.69	23.54	23.74	17.82	0.0605
20	1	49		23.35	23.37	23.63		
20	1	99		23.56	23.48	23.51		
20	50	0		22.63	22.62	22.70		
20	50	24		22.58	22.58	22.60		
20	50	50		22.59	22.55	22.61		
20	100	0		22.61	22.57	22.66		
20	1	0	16-QAM	22.89	22.78	22.92	17.00	0.0501
20	1	49		22.72	22.76	22.86		
20	1	99		22.78	22.81	22.73		
20	50	0		21.54	21.47	21.58		
20	50	24		21.56	21.49	21.61		
20	50	50		21.53	21.50	21.56		
20	100	0		21.50	21.47	21.55		
20	1	0	64-QAM	21.84	21.76	21.79	15.92	0.0391
20	1	49		21.78	21.67	21.78		
20	1	99		21.70	21.61	21.59		
20	50	0		20.69	20.58	20.72		
20	50	24		20.68	20.58	20.70		
20	50	50		20.67	20.59	20.57		
20	100	0		20.64	20.54	20.64		
20	1	0	256-QAM	18.84	18.67	18.79	12.92	0.0196
20	1	49		18.53	18.38	18.40		
20	1	99		18.72	18.62	18.71		
20	50	0		18.73	18.58	18.70		
20	50	24		18.66	18.57	18.63		
20	50	50		18.71	18.54	18.62		
20	100	0		18.74	18.57	18.69		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.67	23.66	23.69	17.81	0.0604
15	1	37		23.66	23.68	23.70		
15	1	74		23.55	23.57	23.73		
15	36	0		22.86	22.84	22.79		
15	36	20		22.81	22.80	22.79		
15	36	39		22.74	22.80	22.75		
15	75	0		22.78	22.78	22.77		
15	1	0	16-QAM	23.02	23.03	23.10	17.18	0.0522
15	1	37		23.08	22.99	23.05		
15	1	74		22.93	22.99	22.90		
15	36	0		21.77	21.73	21.72		
15	36	20		21.75	21.76	21.74		
15	36	39		21.74	21.74	21.71		
15	75	0		21.73	21.75	21.71		
15	1	0	64-QAM	22.02	21.95	21.97	16.10	0.0407
15	1	37		21.98	21.94	21.90		
15	1	74		21.95	21.97	21.89		
15	36	0		20.89	20.91	20.86		
15	36	20		20.85	20.85	20.86		
15	36	39		20.84	20.81	20.82		
15	75	0		20.83	20.75	20.80		
15	1	0	256-QAM	19.00	18.96	18.97	13.08	0.0203
15	1	37		18.81	18.80	18.84		
15	1	74		18.93	18.87	18.84		
15	36	0		18.81	18.78	18.78		
15	36	20		18.84	18.77	18.79		
15	36	39		18.75	18.75	18.74		
15	75	0		18.82	18.78	18.81		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.65	23.73	23.64	17.81	0.0604
10	1	25		23.70	23.72	23.73		
10	1	49		23.68	23.70	23.72		
10	25	0		22.83	22.80	22.82		
10	25	12		22.80	22.77	22.81		
10	25	25		22.81	22.81	22.78		
10	50	0		22.84	22.79	22.77		
10	1	0	16-QAM	22.99	22.90	23.06	17.14	0.0518
10	1	25		23.02	23.00	23.01		
10	1	49		23.02	22.94	22.89		
10	25	0		21.79	21.76	21.78		
10	25	12		21.78	21.76	21.78		
10	25	25		21.78	21.77	21.73		
10	50	0		21.80	21.74	21.73		
10	1	0	64-QAM	21.99	21.87	22.01	16.11	0.0408
10	1	25		22.03	21.93	22.00		
10	1	49		21.91	21.93	21.93		
10	25	0		20.81	20.77	20.82		
10	25	12		20.81	20.79	20.83		
10	25	25		20.79	20.78	20.78		
10	50	0		20.86	20.83	20.85		
10	1	0	256-QAM	18.82	18.87	18.85	12.97	0.0198
10	1	25		18.79	18.76	18.70		
10	1	49		18.89	18.88	18.89		
10	25	0		18.76	18.78	18.79		
10	25	12		18.75	18.79	18.75		
10	25	25		18.80	18.77	18.70		
10	50	0		18.82	18.82	18.82		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.70	23.71	23.65	17.79	0.0601
5	1	12		23.65	23.60	23.67		
5	1	24		23.66	23.60	23.64		
5	12	0		22.73	22.64	22.66		
5	12	7		22.71	22.63	22.64		
5	12	13		22.71	22.66	22.66		
5	25	0		22.69	22.66	22.68		
5	1	0	16-QAM	23.00	22.91	23.04	17.14	0.0518
5	1	12		23.06	22.92	23.01		
5	1	24		22.97	22.82	22.83		
5	12	0		21.67	21.62	21.63		
5	12	7		21.72	21.66	21.61		
5	12	13		21.67	21.61	21.62		
5	25	0		21.69	21.61	21.60		
5	1	0	64-QAM	21.89	21.74	21.84	15.98	0.0396
5	1	12		21.90	21.84	21.88		
5	1	24		21.90	21.82	21.80		
5	12	0		20.80	20.72	20.76		
5	12	7		20.77	20.71	20.73		
5	12	13		20.76	20.76	20.76		
5	25	0		20.76	20.72	20.72		
5	1	0	256-QAM	18.88	18.84	18.79	12.96	0.0198
5	1	12		18.85	18.83	18.82		
5	1	24		18.82	18.86	18.85		
5	12	0		18.74	18.73	18.65		
5	12	7		18.69	18.74	18.69		
5	12	13		18.72	18.71	18.71		
5	25	0		18.77	18.73	18.73		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.73	23.70	23.63	17.81	0.0604
3	1	8		23.70	23.62	23.65		
3	1	14		23.72	23.67	23.67		
3	8	0		22.81	22.72	22.76		
3	8	4		22.73	22.59	22.74		
3	8	7		22.80	22.70	22.79		
3	15	0		22.84	22.81	22.87		
3	1	0	16-QAM	23.11	23.00	23.03	17.19	0.0524
3	1	8		23.00	22.89	22.95		
3	1	14		23.09	22.98	23.03		
3	8	0		21.84	21.76	21.76		
3	8	4		21.82	21.74	21.76		
3	8	7		21.81	21.70	21.75		
3	15	0		21.84	21.78	21.83		
3	1	0	64-QAM	21.93	21.93	21.88	16.04	0.0402
3	1	8		21.90	21.80	21.79		
3	1	14		21.88	21.81	21.96		
3	8	0		20.86	20.74	20.81		
3	8	4		20.85	20.76	20.80		
3	8	7		20.91	20.81	20.84		
3	15	0		20.85	20.78	20.79		
3	1	0	256-QAM	18.86	18.82	18.80	12.94	0.0197
3	1	8		18.77	18.76	18.71		
3	1	14		18.81	18.80	18.74		
3	8	0		18.77	18.76	18.69		
3	8	4		18.71	18.69	18.66		
3	8	7		18.73	18.73	18.71		
3	15	0		18.75	18.74	18.66		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = -5.92 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.73	23.67	23.68	17.81	0.0604
1.4	1	3		23.64	23.64	23.62		
1.4	1	5		23.72	23.67	23.68		
1.4	3	0		23.69	23.68	23.67		
1.4	3	1		23.70	23.58	23.62		
1.4	3	3		23.69	23.69	23.64		
1.4	6	0		22.80	22.77	22.79		
1.4	1	0	16-QAM	23.12	22.93	22.94	17.20	0.0525
1.4	1	3		22.97	22.88	22.93		
1.4	1	5		23.12	22.91	22.93		
1.4	3	0		22.73	22.60	22.61		
1.4	3	1		22.81	22.68	22.73		
1.4	3	3		22.71	22.64	22.62		
1.4	6	0		21.83	21.74	21.79		
1.4	1	0	64-QAM	21.98	21.85	21.87	16.06	0.0404
1.4	1	3		21.89	21.85	21.94		
1.4	1	5		21.94	21.80	21.87		
1.4	3	0		21.83	21.73	21.75		
1.4	3	1		21.87	21.73	21.73		
1.4	3	3		21.89	21.79	21.76		
1.4	6	0		20.77	20.64	20.69		
1.4	1	0	256-QAM	18.89	18.80	18.77	12.97	0.0198
1.4	1	3		18.80	18.71	18.74		
1.4	1	5		18.88	18.77	18.73		
1.4	3	0		18.82	18.78	18.78		
1.4	3	1		18.79	18.73	18.72		
1.4	3	3		18.82	18.74	18.75		
1.4	6	0		18.72	18.69	18.69		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	23.80	23.93	23.88	14.49	0.0281
20	1	49		23.70	23.91	23.82		
20	1	99		23.44	23.60	23.55		
20	50	0		23.07	23.29	23.24		
20	50	24		22.95	23.10	23.03		
20	50	50		22.86	22.99	22.84		
20	100	0		22.90	23.13	23.07		
20	1	0	16-QAM	23.34	23.51	23.44	14.07	0.0255
20	1	49		23.25	23.40	23.25		
20	1	99		22.98	23.16	23.04		
20	50	0		22.09	22.26	22.17		
20	50	24		21.94	22.07	21.93		
20	50	50		21.78	21.96	21.82		
20	100	0		21.90	22.09	21.95		
20	1	0	64-QAM	22.15	22.30	22.22	12.86	0.0193
20	1	49		22.00	22.23	22.11		
20	1	99		21.89	22.05	21.91		
20	50	0		21.13	21.27	21.13		
20	50	24		20.91	21.08	20.96		
20	50	50		20.84	21.00	20.91		
20	100	0		20.93	21.15	21.06		
20	1	0	256-QAM	19.12	19.30	19.21	9.86	0.0097
20	1	49		18.75	18.95	18.86		
20	1	99		18.91	19.07	19.00		
20	50	0		19.04	19.18	19.12		
20	50	24		18.86	19.06	19.00		
20	50	50		18.84	18.98	18.87		
20	100	0		18.88	19.10	19.01		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.91	23.90	23.92	14.48	0.0281
15	1	37		23.84	23.83	23.91		
15	1	74		23.86	23.86	23.84		
15	36	0		23.12	23.12	23.18		
15	36	20		23.09	23.07	23.09		
15	36	39		23.05	22.99	23.01		
15	75	0		23.07	23.09	23.10		
15	1	0	16-QAM	23.31	23.36	23.49	14.05	0.0254
15	1	37		23.35	23.30	23.39		
15	1	74		23.21	23.27	23.08		
15	36	0		22.03	22.13	22.13		
15	36	20		22.05	22.05	22.07		
15	36	39		22.01	22.02	22.00		
15	75	0		22.05	22.06	22.05		
15	1	0	64-QAM	22.09	22.32	22.34	12.90	0.0195
15	1	37		22.24	22.21	22.17		
15	1	74		22.08	22.10	22.02		
15	36	0		21.12	21.12	21.16		
15	36	20		21.05	21.11	21.10		
15	36	39		21.05	21.04	21.03		
15	75	0		21.04	21.07	21.05		
15	1	0	256-QAM	19.18	19.23	19.18	9.79	0.0095
15	1	37		19.07	19.16	19.07		
15	1	74		18.98	19.04	19.00		
15	36	0		19.02	19.07	18.99		
15	36	20		18.92	19.01	18.97		
15	36	39		18.93	18.99	18.97		
15	75	0		18.97	19.07	18.96		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.83	23.92	23.91	14.48	0.0281
10	1	25		23.82	23.87	23.89		
10	1	49		23.87	23.84	23.91		
10	25	0		23.10	23.14	23.11		
10	25	12		23.02	23.09	23.12		
10	25	25		23.00	23.08	23.06		
10	50	0		22.99	23.11	23.05		
10	1	0	16-QAM	23.13	23.31	23.39	13.95	0.0248
10	1	25		23.20	23.28	23.16		
10	1	49		23.29	23.24	23.16		
10	25	0		22.06	22.11	22.10		
10	25	12		21.99	22.06	22.07		
10	25	25		21.99	21.99	22.01		
10	50	0		21.98	22.08	22.07		
10	1	0	64-QAM	22.14	22.27	22.29	12.85	0.0193
10	1	25		22.04	22.21	22.17		
10	1	49		22.10	22.12	22.02		
10	25	0		21.00	21.11	21.09		
10	25	12		20.98	21.12	21.10		
10	25	25		21.01	21.05	21.00		
10	50	0		20.99	21.09	21.07		
10	1	0	256-QAM	19.11	19.22	19.12	9.78	0.0095
10	1	25		18.88	19.04	19.01		
10	1	49		18.95	19.11	19.07		
10	25	0		18.94	19.08	18.99		
10	25	12		18.94	19.05	18.99		
10	25	25		18.89	19.03	18.98		
10	50	0		18.91	19.07	18.98		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -7.29 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.90	23.92	23.89	14.48	0.0281
5	1	12		23.81	23.85	23.85		
5	1	24		23.83	23.88	23.86		
5	12	0		23.03	23.15	23.12		
5	12	7		22.96	23.09	23.07		
5	12	13		22.99	23.10	23.04		
5	25	0		23.08	23.15	23.14		
5	1	0	16-QAM	23.26	23.46	23.52	14.08	0.0256
5	1	12		23.23	23.39	23.32		
5	1	24		23.26	23.36	23.26		
5	12	0		21.98	22.12	22.10		
5	12	7		22.01	22.13	22.08		
5	12	13		21.95	22.11	22.03		
5	25	0		21.99	22.09	22.08		
5	1	0	64-QAM	22.11	22.27	22.21	12.83	0.0192
5	1	12		22.03	22.18	22.21		
5	1	24		22.06	22.18	22.13		
5	12	0		21.01	21.14	21.18		
5	12	7		21.00	21.11	21.08		
5	12	13		21.01	21.13	21.08		
5	25	0		20.98	21.15	21.12		
5	1	0	256-QAM	18.85	19.10	19.03	9.68	0.0093
5	1	12		18.89	19.12	19.07		
5	1	24		18.91	19.09	19.01		
5	12	0		18.81	19.05	18.95		
5	12	7		18.80	19.02	18.95		
5	12	13		18.77	19.01	18.89		
5	25	0		18.81	19.04	18.95		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -6.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.84	-	15.37	0.0344
10	1	25			23.76			
10	1	49			23.67			
10	25	0			22.91			
10	25	12			22.82			
10	25	25			22.78			
10	50	0			22.87			
10	1	0	16-QAM		22.88		14.43	0.0277
10	1	25			22.87			
10	1	49			22.90			
10	25	0			21.89			
10	25	12			21.83			
10	25	25			21.80			
10	50	0			21.83			
10	1	0	64-QAM		22.00		13.56	0.0227
10	1	25			22.03			
10	1	49			21.95			
10	25	0			20.90			
10	25	12			20.83			
10	25	25			20.86			
10	50	0			20.85			
10	1	0	256-QAM		18.95		10.48	0.0112
10	1	25			18.74			
10	1	49			18.87			
10	25	0			18.82			
10	25	12			18.76			
10	25	25			18.74			
10	50	0			18.83			
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -6.32 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.83	23.78	23.79	15.36	0.0344
5	1	12		23.75	23.79	23.83		
5	1	24		23.80	23.76	23.77		
5	12	0		22.91	22.87	22.91		
5	12	7		22.86	22.82	22.87		
5	12	13		22.88	22.87	22.88		
5	25	0		22.93	22.87	22.89		
5	1	0	16-QAM	23.11	23.06	23.01	14.64	0.0291
5	1	12		22.99	23.02	23.08		
5	1	24		22.97	22.99	23.02		
5	12	0		21.88	21.93	21.98		
5	12	7		21.87	21.89	21.95		
5	12	13		21.85	21.91	21.88		
5	25	0		21.86	21.86	21.90		
5	1	0	64-QAM	22.05	21.91	22.07	13.62	0.0230
5	1	12		22.09	22.04	22.08		
5	1	24		21.92	21.95	22.01		
5	12	0		20.98	20.95	20.98		
5	12	7		20.94	20.96	20.96		
5	12	13		20.93	20.93	20.92		
5	25	0		20.93	20.93	20.95		
5	1	0	256-QAM	18.90	18.92	18.94	10.56	0.0114
5	1	12		18.94	19.03	18.99		
5	1	24		18.92	18.93	18.94		
5	12	0		18.83	18.84	18.86		
5	12	7		18.78	18.85	18.85		
5	12	13		18.67	18.76	18.71		
5	25	0		18.79	18.82	18.81		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.07	-	-	14.91	0.0310
15	1	37		23.81	-	-		
15	1	74		23.88	-	-		
15	36	0		23.01	-	-		
15	36	20		22.99	-	-		
15	36	39		22.87	-	-		
15	75	0		23.01	-	-		
15	1	0	16-QAM	23.30	-	-	14.19	0.0262
15	1	37		23.35	-	-		
15	1	74		23.02	-	-		
15	36	0		22.09	-	-		
15	36	20		21.93	-	-		
15	36	39		21.85	-	-		
15	75	0		22.03	-	-		
15	1	0	64-QAM	22.17	-	-	13.01	0.0200
15	1	37		22.17	-	-		
15	1	74		21.91	-	-		
15	36	0		21.07	-	-		
15	36	20		20.93	-	-		
15	36	39		20.89	-	-		
15	75	0		20.90	-	-		
15	1	0	256-QAM	19.26	-	-	10.10	0.0102
15	1	37		19.10	-	-		
15	1	74		18.87	-	-		
15	36	0		18.99	-	-		
15	36	20		18.89	-	-		
15	36	39		18.83	-	-		
15	75	0		18.96	-	-		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.05	-	14.89	0.0308
10	1	25		-	23.96	-		
10	1	49		-	23.92	-		
10	25	0		-	23.04	-		
10	25	12		-	23.01	-		
10	25	25		-	22.99	-		
10	50	0		-	23.02	-		
10	1	0	16-QAM	-	23.39	-	14.23	0.0265
10	1	25		-	23.31	-		
10	1	49		-	23.21	-		
10	25	0		-	22.05	-		
10	25	12		-	22.02	-		
10	25	25		-	21.96	-		
10	50	0		-	22.01	-		
10	1	0	64-QAM	-	22.23	-	13.07	0.0203
10	1	25		-	22.15	-		
10	1	49		-	22.02	-		
10	25	0		-	21.00	-		
10	25	12		-	20.95	-		
10	25	25		-	20.90	-		
10	50	0		-	20.99	-		
10	1	0	256-QAM	-	19.17	-	10.01	0.0100
10	1	25		-	18.97	-		
10	1	49		-	19.01	-		
10	25	0		-	19.02	-		
10	25	12		-	19.00	-		
10	25	25		-	18.96	-		
10	50	0		-	18.98	-		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.09	24.14	24.09	14.98	0.0315
5	1	12		24.04	24.12	23.96		
5	1	24		23.98	23.92	24.04		
5	12	0		23.07	23.08	23.00		
5	12	7		23.05	23.01	23.07		
5	12	13		23.00	22.96	23.04		
5	25	0		23.05	23.04	23.15		
5	1	0	16-QAM	23.34	23.43	23.28	14.27	0.0267
5	1	12		23.33	23.41	23.32		
5	1	24		23.27	23.30	23.27		
5	12	0		22.04	22.12	22.00		
5	12	7		22.02	21.92	22.00		
5	12	13		21.97	22.01	22.01		
5	25	0		22.02	21.93	21.93		
5	1	0	64-QAM	22.14	22.07	22.22	13.06	0.0202
5	1	12		22.17	22.21	22.16		
5	1	24		22.07	22.13	22.09		
5	12	0		21.04	21.02	21.03		
5	12	7		21.00	21.04	21.06		
5	12	13		20.99	21.06	21.08		
5	25	0		21.02	20.98	20.95		
5	1	0	256-QAM	19.10	19.03	19.00	9.96	0.0099
5	1	12		19.03	18.95	19.12		
5	1	24		19.11	19.01	19.02		
5	12	0		19.02	18.98	18.99		
5	12	7		18.94	18.94	19.03		
5	12	13		18.96	19.02	18.89		
5	25	0		19.00	19.04	19.02		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.12	24.10	24.13	14.99	0.0316
3	1	8		24.03	24.09	24.10		
3	1	14		24.06	24.15	24.03		
3	8	0		23.03	22.98	23.04		
3	8	4		22.96	23.00	22.98		
3	8	7		23.04	23.11	23.11		
3	15	0		23.10	23.12	23.12		
3	1	0	16-QAM	23.33	23.33	23.29	14.17	0.0261
3	1	8		23.24	23.30	23.24		
3	1	14		23.29	23.32	23.20		
3	8	0		22.10	22.19	22.01		
3	8	4		22.08	22.03	22.09		
3	8	7		22.03	22.10	22.13		
3	15	0		22.08	22.01	22.17		
3	1	0	64-QAM	22.12	22.04	22.18	13.05	0.0202
3	1	8		22.12	22.21	22.10		
3	1	14		22.11	22.08	22.07		
3	8	0		21.03	21.04	21.13		
3	8	4		21.00	21.04	21.08		
3	8	7		21.06	20.99	20.96		
3	15	0		20.99	20.96	21.07		
3	1	0	256-QAM	18.99	19.03	19.02	9.87	0.0097
3	1	8		18.93	19.00	19.03		
3	1	14		18.89	18.87	18.88		
3	8	0		18.94	18.89	19.03		
3	8	4		18.88	18.95	18.91		
3	8	7		18.88	18.85	18.89		
3	15	0		18.83	18.78	18.74		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.97	23.95	24.00	14.93	0.0311
1.4	1	3		23.89	23.84	23.90		
1.4	1	5		23.97	24.04	23.93		
1.4	3	0		24.00	24.09	23.99		
1.4	3	1		23.88	23.83	23.88		
1.4	3	3		23.99	24.07	23.93		
1.4	6	0		22.98	22.90	22.92		
1.4	1	0	16-QAM	23.26	23.32	23.18	14.24	0.0265
1.4	1	3		23.16	23.07	23.24		
1.4	1	5		23.30	23.32	23.40		
1.4	3	0		22.96	23.01	22.99		
1.4	3	1		23.02	22.97	23.02		
1.4	3	3		22.93	22.85	22.99		
1.4	6	0		22.09	22.10	21.99		
1.4	1	0	64-QAM	22.11	22.20	22.07	13.04	0.0201
1.4	1	3		22.13	22.19	22.11		
1.4	1	5		22.14	22.13	22.13		
1.4	3	0		22.02	21.99	22.04		
1.4	3	1		22.03	22.07	22.03		
1.4	3	3		22.07	22.06	22.08		
1.4	6	0		20.92	20.86	20.92		
1.4	1	0	256-QAM	19.02	18.98	19.00	9.94	0.0099
1.4	1	3		18.95	18.96	18.97		
1.4	1	5		19.04	19.02	19.01		
1.4	3	0		19.05	19.02	19.10		
1.4	3	1		18.93	19.03	18.84		
1.4	3	3		18.95	18.92	18.99		
1.4	6	0		18.90	18.96	18.87		
Limit	ERP < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.08	-	14.92	0.0310
15	1	37		-	23.81	-		
15	1	74		-	23.94	-		
15	36	0		-	22.97	-		
15	36	20		-	22.93	-		
15	36	39		-	22.95	-		
15	75	0		-	23.02	-		
15	1	0	16-QAM	-	23.20	-	14.26	0.0267
15	1	37		-	23.42	-		
15	1	74		-	22.97	-		
15	36	0		-	22.01	-		
15	36	20		-	21.87	-		
15	36	39		-	21.94	-		
15	75	0		-	22.13	-		
15	1	0	64-QAM	-	22.14	-	13.00	0.0200
15	1	37		-	22.16	-		
15	1	74		-	21.93	-		
15	36	0		-	21.15	-		
15	36	20		-	20.91	-		
15	36	39		-	20.82	-		
15	75	0		-	20.97	-		
15	1	0	256-QAM	-	19.28	-	10.12	0.0103
15	1	37		-	19.02	-		
15	1	74		-	18.96	-		
15	36	0		-	19.06	-		
15	36	20		-	18.87	-		
15	36	39		-	18.87	-		
15	75	0		-	19.02	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.15	-	14.99	0.0316
10	1	25		-	24.02	-		
10	1	49		-	23.93	-		
10	25	0		-	23.18	-		
10	25	12		-	22.99	-		
10	25	25		-	23.06	-		
10	50	0		-	22.98	-		
10	1	0	16-QAM	-	23.36	-	14.20	0.0263
10	1	25		-	23.22	-		
10	1	49		-	23.24	-		
10	25	0		-	21.97	-		
10	25	12		-	22.02	-		
10	25	25		-	21.93	-		
10	50	0		-	21.99	-		
10	1	0	64-QAM	-	22.14	-	13.03	0.0201
10	1	25		-	22.04	-		
10	1	49		-	22.19	-		
10	25	0		-	21.03	-		
10	25	12		-	20.92	-		
10	25	25		-	21.06	-		
10	50	0		-	20.99	-		
10	1	0	256-QAM	-	19.07	-	9.91	0.0098
10	1	25		-	18.94	-		
10	1	49		-	19.06	-		
10	25	0		-	18.98	-		
10	25	12		-	18.94	-		
10	25	25		-	18.86	-		
10	50	0		-	19.02	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.17	-	15.01	0.0317
5	1	12		-	24.06	-		
5	1	24		-	23.93	-		
5	12	0		-	23.12	-		
5	12	7		-	23.04	-		
5	12	13		-	23.04	-		
5	25	0		-	23.05	-		
5	1	0	16-QAM	-	23.37	-	14.21	0.0264
5	1	12		-	23.23	-		
5	1	24		-	23.17	-		
5	12	0		-	22.14	-		
5	12	7		-	22.04	-		
5	12	13		-	21.94	-		
5	25	0		-	22.00	-		
5	1	0	64-QAM	-	22.12	-	13.05	0.0202
5	1	12		-	22.21	-		
5	1	24		-	22.00	-		
5	12	0		-	21.06	-		
5	12	7		-	20.97	-		
5	12	13		-	20.97	-		
5	25	0		-	20.96	-		
5	1	0	256-QAM	-	19.11	-	9.95	0.0099
5	1	12		-	19.09	-		
5	1	24		-	19.10	-		
5	12	0		-	19.08	-		
5	12	7		-	18.94	-		
5	12	13		-	19.00	-		
5	25	0		-	18.90	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.16	-	15.00	0.0316
3	1	8		-	23.94	-		
3	1	14		-	24.05	-		
3	8	0		-	23.12	-		
3	8	4		-	23.06	-		
3	8	7		-	22.98	-		
3	15	0		-	23.01	-		
3	1	0	16-QAM	-	23.29	-	14.23	0.0265
3	1	8		-	23.25	-		
3	1	14		-	23.39	-		
3	8	0		-	22.19	-		
3	8	4		-	21.98	-		
3	8	7		-	22.04	-		
3	15	0		-	22.08	-		
3	1	0	64-QAM	-	22.10	-	12.96	0.0198
3	1	8		-	22.06	-		
3	1	14		-	22.12	-		
3	8	0		-	20.94	-		
3	8	4		-	21.02	-		
3	8	7		-	21.02	-		
3	15	0		-	21.04	-		
3	1	0	256-QAM	-	19.04	-	9.88	0.0097
3	1	8		-	18.98	-		
3	1	14		-	18.90	-		
3	8	0		-	18.87	-		
3	8	4		-	18.80	-		
3	8	7		-	18.94	-		
3	15	0		-	18.77	-		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 26 Straddle Maximum Average Power [dBm] (GT - LC = -7.01 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.91	-	14.89	0.0308
1.4	1	3		-	23.99	-		
1.4	1	5		-	24.03	-		
1.4	3	0		-	24.05	-		
1.4	3	1		-	23.87	-		
1.4	3	3		-	24.05	-		
1.4	6	0		-	22.93	-		
1.4	1	0	16-QAM	-	23.28	-	14.23	0.0265
1.4	1	3		-	23.25	-		
1.4	1	5		-	23.39	-		
1.4	3	0		-	22.94	-		
1.4	3	1		-	23.07	-		
1.4	3	3		-	23.01	-		
1.4	6	0		-	21.99	-		
1.4	1	0	64-QAM	-	22.01	-	13.02	0.0200
1.4	1	3		-	22.18	-		
1.4	1	5		-	22.09	-		
1.4	3	0		-	22.02	-		
1.4	3	1		-	21.96	-		
1.4	3	3		-	22.06	-		
1.4	6	0		-	20.92	-		
1.4	1	0	256-QAM	-	19.01	-	9.96	0.0099
1.4	1	3		-	18.99	-		
1.4	1	5		-	19.12	-		
1.4	3	0		-	19.08	-		
1.4	3	1		-	18.88	-		
1.4	3	3		-	18.91	-		
1.4	6	0		-	18.82	-		
Limit	ERP < 7W			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -7.01 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	21.60	21.60	21.69	14.45	0.0279
10+10	1	0	1	49		15.48	15.41	15.25		
10+10	1	49	1	0		23.61	23.60	23.60		
10+10	50	0	50	0	16-QAM	20.58	20.57	20.54	13.73	0.0236
10+10	1	0	1	49		15.52	15.31	15.71		
10+10	1	49	1	0		22.77	22.89	22.89		
10+10	50	0	50	0	64-QAM	20.63	20.64	20.57	11.64	0.0146
10+10	1	0	1	49		15.56	15.67	15.71		
10+10	1	49	1	0		20.68	20.80	20.77		
10+10	50	0	50	0	256-QAM	18.63	18.62	18.49	9.63	0.0092
10+10	1	0	1	49		15.31	15.29	15.29		
10+10	1	49	1	0		18.72	18.60	18.79		
10+5	50	0	25	0	QPSK	21.53	21.51	21.53	14.39	0.0275
10+5	1	0	1	24		13.27	13.31	13.41		
10+5	1	49	1	0		23.55	23.55	23.49		
10+5	50	0	25	0	16-QAM	20.54	20.56	20.50	13.72	0.0236
10+5	1	0	1	24		13.58	14.07	13.93		
10+5	1	49	1	0		22.88	22.80	22.73		
10+5	50	0	25	0	64-QAM	20.54	20.53	20.55	11.64	0.0146
10+5	1	0	1	24		13.53	13.56	13.76		
10+5	1	49	1	0		20.80	20.61	20.61		
10+5	50	0	25	0	256-QAM	18.56	18.56	18.49	9.51	0.0089
10+5	1	0	1	24		13.36	13.49	13.39		
10+5	1	49	1	0		18.67	18.56	18.44		
5+10	25	0	50	0	QPSK	21.57	21.52	21.51	14.30	0.0269
5+10	1	0	1	49		13.30	13.47	13.23		
5+10	1	24	1	0		23.46	22.55	23.41		
5+10	25	0	50	0	16-QAM	20.57	20.51	20.44	13.67	0.0233
5+10	1	0	1	49		13.60	13.95	13.88		
5+10	1	24	1	0		22.80	22.68	22.83		
5+10	25	0	50	0	64-QAM	20.58	20.50	20.51	11.65	0.0146
5+10	1	0	1	49		13.69	13.74	13.55		
5+10	1	24	1	0		20.81	20.74	20.52		
5+10	25	0	50	0	256-QAM	18.57	18.55	18.44	9.41	0.0087
5+10	1	0	1	49		13.64	13.38	13.24		
5+10	1	24	1	0		18.55	18.46	18.34		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -7.01 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	22.51	23.58	23.53	14.42	0.0277
5+3	1	0	1	14		13.96	13.99	13.93		
5+3	1	24	1	0		23.56	23.54	23.51		
5+3	25	0	15	0	16-QAM	23.60	23.57	22.65	14.66	0.0292
5+3	1	0	1	14		14.18	13.94	14.34		
5+3	1	24	1	0		23.77	23.82	22.67		
5+3	25	0	15	0	64-QAM	23.55	23.49	23.53	14.52	0.0283
5+3	1	0	1	14		14.26	14.14	14.03		
5+3	1	24	1	0		23.63	23.68	23.68		
5+3	25	0	15	0	256-QAM	23.41	23.51	23.50	14.35	0.0272
5+3	1	0	1	14		13.76	14.05	13.92		
5+3	1	24	1	0		23.33	23.35	22.63		
3+5	15	0	25	0	QPSK	23.52	23.64	23.53	14.48	0.0281
3+5	1	0	1	24		13.66	13.71	13.85		
3+5	1	14	1	0		23.39	23.47	23.25		
3+5	15	0	25	0	16-QAM	23.63	23.56	23.50	14.70	0.0295
3+5	1	0	1	24		14.21	14.50	14.05		
3+5	1	14	1	0		23.86	23.74	23.60		
3+5	15	0	25	0	64-QAM	23.62	23.58	22.60	14.57	0.0286
3+5	1	0	1	24		14.28	14.25	14.10		
3+5	1	14	1	0		23.72	23.73	23.71		
3+5	15	0	25	0	256-QAM	23.45	23.59	23.40	14.43	0.0277
3+5	1	0	1	24		13.91	13.90	13.90		
3+5	1	14	1	0		23.44	23.52	23.53		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -5.92 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	21.98	21.92	21.94	18.03	0.0635
10+10	1	0	1	49		15.71	15.69	15.59		
10+10	1	49	1	0		23.95	23.83	23.14		
10+10	50	0	50	0	16-QAM	20.97	20.87	20.88	17.19	0.0524
10+10	1	0	1	49		15.94	15.92	15.88		
10+10	1	49	1	0		23.06	23.11	23.09		
10+10	50	0	50	0	64-QAM	20.92	20.84	20.87	15.24	0.0334
10+10	1	0	1	49		16.02	15.82	15.91		
10+10	1	49	1	0		21.16	21.12	21.04		
10+10	50	0	50	0	256-QAM	18.96	18.85	18.91	13.22	0.0210
10+10	1	0	1	49		15.73	15.70	15.70		
10+10	1	49	1	0		19.14	18.99	19.01		
15+5	75	0	25	0	QPSK	21.91	21.12	20.79	17.95	0.0624
15+5	1	0	1	24		15.60	15.58	15.56		
15+5	1	74	1	0		23.87	23.81	23.80		
15+5	75	0	25	0	16-QAM	20.94	20.87	20.88	17.28	0.0535
15+5	1	0	1	24		16.09	15.91	15.95		
15+5	1	74	1	0		23.09	23.03	23.20		
15+5	75	0	25	0	64-QAM	20.94	20.84	20.89	15.13	0.0326
15+5	1	0	1	24		15.94	15.95	15.83		
15+5	1	74	1	0		21.05	20.99	21.04		
15+5	75	0	25	0	256-QAM	18.93	18.88	18.87	13.05	0.0202
15+5	1	0	1	24		15.75	15.81	15.72		
15+5	1	74	1	0		18.87	18.97	18.88		
5+15	25	0	75	0	QPSK	21.94	21.83	21.82	17.86	0.0611
5+15	1	0	1	74		15.65	15.65	15.58		
5+15	1	24	1	0		23.78	23.75	23.02		
5+15	25	0	75	0	16-QAM	20.92	20.84	20.83	17.28	0.0535
5+15	1	0	1	74		16.01	15.98	15.90		
5+15	1	24	1	0		23.20	23.03	23.14		
5+15	25	0	75	0	64-QAM	20.89	20.84	20.86	15.14	0.0327
5+15	1	0	1	74		15.89	15.91	15.83		
5+15	1	24	1	0		21.06	21.05	21.06		
5+15	25	0	75	0	256-QAM	18.91	18.87	18.84	13.01	0.0200
5+15	1	0	1	74		15.75	15.76	15.75		
5+15	1	24	1	0		18.85	18.81	18.93		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = -5.92 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	21.96	21.87	21.61	17.54	0.0568
10+5	1	0	1	24		13.81	13.72	13.67		
10+5	1	49	1	0		22.90	23.11	23.46		
10+5	50	0	25	0	16-QAM	20.96	20.86	20.82	17.16	0.0520
10+5	1	0	1	24		14.12	14.15	14.04		
10+5	1	49	1	0		22.31	23.08	22.99		
10+5	50	0	25	0	64-QAM	20.89	20.83	20.00	15.19	0.0330
10+5	1	0	1	24		14.11	14.01	13.90		
10+5	1	49	1	0		21.11	20.21	21.01		
10+5	50	0	25	0	256-QAM	18.93	18.87	18.08	13.01	0.0200
10+5	1	0	1	24		13.94	13.81	13.86		
10+5	1	49	1	0		18.89	18.85	18.89		
5+10	25	0	50	0	QPSK	21.57	21.84	21.87	17.77	0.0598
5+10	1	0	1	49		13.71	13.77	13.66		
5+10	1	24	1	0		23.35	23.69	23.68		
5+10	25	0	50	0	16-QAM	20.93	20.87	20.88	17.22	0.0527
5+10	1	0	1	49		14.16	14.09	14.16		
5+10	1	24	1	0		22.73	23.05	23.14		
5+10	25	0	50	0	64-QAM	20.60	20.83	20.84	15.09	0.0323
5+10	1	0	1	49		13.96	14.04	13.91		
5+10	1	24	1	0		20.85	21.01	20.96		
5+10	25	0	50	0	256-QAM	18.90	18.84	18.85	13.00	0.0200
5+10	1	0	1	49		14.02	14.06	13.87		
5+10	1	24	1	0		18.92	18.88	18.83		
5+5	25	0	25	0	QPSK	21.90	21.93	21.80	17.76	0.0597
5+5	1	0	1	24		14.04	14.00	13.96		
5+5	1	24	1	0		23.02	23.65	23.68		
5+5	25	0	25	0	16-QAM	20.92	20.88	20.79	17.31	0.0538
5+5	1	0	1	24		14.44	14.39	14.25		
5+5	1	24	1	0		23.23	23.12	23.07		
5+5	25	0	25	0	64-QAM	20.89	20.81	20.80	15.25	0.0335
5+5	1	0	1	24		14.35	14.21	14.26		
5+5	1	24	1	0		21.17	21.03	21.03		
5+5	25	0	25	0	256-QAM	18.87	18.77	18.78	12.95	0.0197
5+5	1	0	1	24		14.11	14.03	14.03		
5+5	1	24	1	0		18.85	18.78	18.77		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -5.92 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	21.90	21.83	21.89	17.98	0.0628
20+20	1	0	1	99		15.68	15.64	15.64		
20+20	1	99	1	0		23.90	23.86	23.85		
20+20	100	0	100	0	16-QAM	20.91	20.83	20.82	17.37	0.0546
20+20	1	0	1	99		16.00	15.95	16.04		
20+20	1	99	1	0		23.29	23.04	23.23		
20+20	100	0	100	0	64-QAM	20.92	20.81	20.84	15.26	0.0336
20+20	1	0	1	99		15.96	15.89	15.98		
20+20	1	99	1	0		21.18	21.05	21.10		
20+20	100	0	100	0	256-QAM	18.94	18.87	18.85	13.12	0.0205
20+20	1	0	1	99		15.70	15.75	15.73		
20+20	1	99	1	0		19.04	18.94	18.96		
20+15	100	0	75	0	QPSK	21.95	21.92	21.93	17.93	0.0621
20+15	1	0	1	74		15.67	15.61	15.64		
20+15	1	74	1	0		23.85	23.26	23.29		
20+15	100	0	75	0	16-QAM	20.94	20.87	20.85	17.33	0.0541
20+15	1	0	1	74		16.01	15.91	15.89		
20+15	1	74	1	0		23.25	23.08	22.53		
20+15	100	0	75	0	64-QAM	20.95	20.87	20.88	15.22	0.0333
20+15	1	0	1	74		15.92	15.81	15.93		
20+15	1	74	1	0		21.14	21.10	21.02		
20+15	100	0	75	0	256-QAM	18.92	18.87	18.88	13.08	0.0203
20+15	1	0	1	74		15.78	15.74	15.68		
20+15	1	74	1	0		19.00	18.93	18.92		
15+20	75	0	100	0	QPSK	21.94	21.85	21.81	18.01	0.0632
15+20	1	0	1	99		15.69	15.63	15.61		
15+20	1	74	1	0		23.93	23.86	23.88		
15+20	75	0	100	0	16-QAM	20.94	20.80	20.87	17.31	0.0538
15+20	1	0	1	99		16.06	15.95	15.99		
15+20	1	74	1	0		22.48	23.23	23.11		
15+20	75	0	100	0	64-QAM	20.90	20.83	20.86	15.23	0.0333
15+20	1	0	1	99		15.80	15.86	15.88		
15+20	1	74	1	0		21.15	21.03	21.13		
15+20	75	0	100	0	256-QAM	18.91	18.88	18.84	13.01	0.0200
15+20	1	0	1	99		15.80	15.82	15.74		
15+20	1	74	1	0		18.92	18.93	18.86		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -5.92 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	21.95	21.83	21.84	17.96	0.0625
20+10	1	0	1	49		15.66	15.62	15.67		
20+10	1	99	1	0		23.88	23.73	23.18		
20+10	100	0	50	0	16-QAM	20.85	20.82	20.82	17.25	0.0531
20+10	1	0	1	49		16.00	16.00	15.99		
20+10	1	99	1	0		23.10	23.16	23.17		
20+10	100	0	50	0	64-QAM	20.87	20.82	20.80	15.26	0.0336
20+10	1	0	1	49		15.92	15.85	15.91		
20+10	1	99	1	0		21.05	21.05	21.18		
20+10	100	0	50	0	256-QAM	18.92	18.85	18.89	13.09	0.0204
20+10	1	0	1	49		15.76	15.70	15.70		
20+10	1	99	1	0		18.97	18.99	19.01		
10+20	50	0	100	0	QPSK	21.88	21.76	21.81	17.89	0.0615
10+20	1	0	1	99		15.63	15.60	15.63		
10+20	1	49	1	0		23.81	23.78	23.81		
10+20	50	0	100	0	16-QAM	20.83	20.80	20.80	17.18	0.0522
10+20	1	0	1	99		15.89	15.91	15.99		
10+20	1	49	1	0		23.10	23.10	23.06		
10+20	50	0	100	0	64-QAM	20.82	20.81	20.81	15.05	0.0320
10+20	1	0	1	99		15.87	15.80	15.82		
10+20	1	49	1	0		20.97	20.95	20.97		
10+20	50	0	100	0	256-QAM	18.84	18.84	18.81	13.03	0.0201
10+20	1	0	1	99		15.66	15.74	15.74		
10+20	1	49	1	0		18.89	18.95	18.95		
20+5	100	0	25	0	QPSK	21.96	21.89	21.88	18.01	0.0632
20+5	1	0	1	24		15.69	15.65	15.66		
20+5	1	99	1	0		23.93	23.89	22.88		
20+5	100	0	25	0	16-QAM	19.83	20.83	20.86	17.31	0.0538
20+5	1	0	1	24		16.02	15.92	16.02		
20+5	1	99	1	0		23.23	22.96	23.23		
20+5	100	0	25	0	64-QAM	20.95	20.85	20.85	15.20	0.0331
20+5	1	0	1	24		15.73	15.89	15.87		
20+5	1	99	1	0		21.07	20.38	21.12		
20+5	100	0	25	0	256-QAM	18.94	18.88	18.87	13.10	0.0204
20+5	1	0	1	24		15.74	15.73	15.74		
20+5	1	99	1	0		19.02	18.95	18.96		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -5.92 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	21.93	21.82	21.86	17.84	0.0608
5+20	1	0	1	99		15.66	15.64	15.49		
5+20	1	24	1	0		23.70	23.76	23.63		
5+20	25	0	100	0	16-QAM	20.92	20.85	20.78	17.29	0.0536
5+20	1	0	1	99		15.97	15.91	16.01		
5+20	1	24	1	0		23.21	23.12	23.10		
5+20	25	0	100	0	64-QAM	20.91	20.78	20.80	15.22	0.0333
5+20	1	0	1	99		15.86	15.79	15.83		
5+20	1	24	1	0		21.14	20.96	20.94		
5+20	25	0	100	0	256-QAM	17.78	18.87	18.83	12.95	0.0197
5+20	1	0	1	99		15.76	15.77	15.52		
5+20	1	24	1	0		18.79	18.80	18.74		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = -5.92 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	21.91	21.74	21.77	17.90	0.0617
15+10	1	0	1	49		15.68	15.59	15.62		
15+10	1	74	1	0		23.82	23.79	23.79		
15+10	75	0	50	0	16-QAM	20.84	20.76	20.74	17.28	0.0535
15+10	1	0	1	49		16.03	16.03	15.97		
15+10	1	74	1	0		23.20	23.17	23.03		
15+10	75	0	50	0	64-QAM	20.86	20.77	20.77	15.15	0.0327
15+10	1	0	1	49		15.86	15.85	15.90		
15+10	1	74	1	0		21.05	21.01	21.07		
15+10	75	0	50	0	256-QAM	18.85	18.81	18.81	13.00	0.0200
15+10	1	0	1	49		15.73	15.67	15.78		
15+10	1	74	1	0		18.91	18.89	18.92		
10+15	50	0	75	0	QPSK	20.77	21.77	21.80	17.91	0.0618
10+15	1	0	1	74		15.60	15.58	15.58		
10+15	1	49	1	0		23.78	23.83	23.81		
10+15	50	0	75	0	16-QAM	20.83	20.79	20.75	17.18	0.0522
10+15	1	0	1	74		15.95	15.86	15.88		
10+15	1	49	1	0		23.10	23.08	23.03		
10+15	50	0	75	0	64-QAM	20.85	20.77	20.78	15.16	0.0328
10+15	1	0	1	74		15.82	15.79	15.85		
10+15	1	49	1	0		21.08	20.95	21.01		
10+15	50	0	75	0	256-QAM	18.86	18.80	18.77	13.02	0.0200
10+15	1	0	1	74		15.66	15.68	15.61		
10+15	1	49	1	0		18.94	18.88	18.92		
15+15	75	0	75	0	QPSK	21.91	21.35	21.85	17.91	0.0618
15+15	1	0	1	74		15.67	15.66	15.58		
15+15	1	74	1	0		23.83	23.79	23.76		
15+15	75	0	75	0	16-QAM	20.88	20.77	20.75	17.26	0.0532
15+15	1	0	1	74		16.04	15.96	15.96		
15+15	1	74	1	0		23.18	23.00	23.04		
15+15	75	0	75	0	64-QAM	20.85	20.78	20.78	15.20	0.0331
15+15	1	0	1	74		15.93	15.87	15.96		
15+15	1	74	1	0		21.12	21.02	21.05		
15+15	75	0	75	0	256-QAM	18.93	18.89	18.83	13.01	0.0200
15+15	1	0	1	74		15.75	15.67	15.79		
15+15	1	74	1	0		18.90	18.87	18.90		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -3.94 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	20.43	20.65	20.57	19.31	0.0853
20+20	1	0	0	0		23.22	23.17	23.25		
20+20	1	0	1	99		13.91	13.84	13.86		
20+20	1	99	1	0		13.83	13.90	13.82		
20+20	100	0	100	0	16-QAM	19.63	19.64	19.58	18.93	0.0782
20+20	1	0	0	0		22.84	22.87	22.87		
20+20	1	0	1	99		13.36	13.26	13.15		
20+20	1	99	1	0		13.15	13.16	13.19		
20+20	100	0	100	0	64-QAM	20.21	20.24	20.22	16.30	0.0427
20+20	1	0	1	99		10.31	10.19	10.20		
20+20	1	99	1	0		10.19	10.11	10.06		
20+20	100	0	100	0	256-QAM	19.24	19.22	19.15	15.30	0.0339
20+20	1	0	1	99		6.71	6.73	6.68		
20+20	1	99	1	0		6.78	6.76	6.66		
20+15	100	0	75	0	QPSK	20.56	20.60	20.51	19.23	0.0838
20+15	1	0	0	0		23.16	23.11	23.17		
20+15	1	0	1	74		13.89	13.87	13.83		
20+15	1	99	1	0		13.84	13.88	13.74		
20+15	100	0	75	0	16-QAM	19.61	19.65	19.55	18.71	0.0743
20+15	1	0	0	0		21.84	22.62	22.65		
20+15	1	0	1	74		13.26	13.21	13.20		
20+15	1	99	1	0		13.25	13.18	13.19		
20+15	100	0	75	0	64-QAM	20.21	20.27	20.17	16.33	0.0430
20+15	1	0	1	74		10.28	10.21	10.05		
20+15	1	99	1	0		10.14	10.14	10.02		
20+15	100	0	75	0	256-QAM	19.21	19.19	19.14	15.27	0.0337
20+15	1	0	1	74		6.67	6.71	6.62		
20+15	1	99	1	0		6.81	6.74	6.51		
15+20	75	0	100	0	QPSK	20.45	20.67	20.57	19.23	0.0838
15+20	1	0	0	0		23.14	23.10	23.17		
15+20	1	0	1	99		13.76	13.87	13.87		
15+20	1	74	1	0		13.78	13.86	13.85		
15+20	75	0	100	0	16-QAM	19.55	19.61	19.58	18.81	0.0760
15+20	1	0	0	0		22.62	22.75	22.52		
15+20	1	0	1	99		13.18	13.28	13.22		
15+20	1	74	1	0		13.07	13.22	13.23		
15+20	75	0	100	0	64-QAM	20.15	20.21	20.18	16.27	0.0424
15+20	1	0	1	99		10.16	10.17	10.20		
15+20	1	74	1	0		9.97	10.24	10.15		
15+20	75	0	100	0	256-QAM	19.09	19.20	19.13	15.26	0.0336
15+20	1	0	1	99		6.68	6.70	6.78		
15+20	1	74	1	0		6.64	6.66	6.65		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -3.94 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	20.55	20.57	20.65	19.32	0.0855
20+10	1	0	0	0		23.19	23.14	23.26		
20+10	1	0	1	49		13.89	13.97	13.85		
20+10	1	99	1	0		13.83	13.96	13.82		
20+10	100	0	50	0	16-QAM	19.61	19.64	19.67	18.95	0.0785
20+10	1	0	0	0		22.66	22.89	22.49		
20+10	1	0	1	49		13.26	13.34	13.23		
20+10	1	99	1	0		13.18	13.33	13.20		
20+10	100	0	50	0	64-QAM	20.23	20.26	20.25	16.32	0.0429
20+10	1	0	1	49		10.19	10.20	10.18		
20+10	1	99	1	0		10.14	10.09	10.14		
20+10	100	0	50	0	256-QAM	19.18	19.24	19.24	15.30	0.0339
20+10	1	0	1	49		6.64	6.79	6.81		
20+10	1	99	1	0		6.67	6.73	6.68		
10+20	50	0	100	0	QPSK	20.68	20.61	20.53	19.28	0.0847
10+20	1	0	0	0		23.22	23.13	23.13		
10+20	1	0	1	99		13.90	13.87	13.82		
10+20	1	49	1	0		13.90	13.83	13.76		
10+20	50	0	100	0	16-QAM	19.65	19.60	19.51	18.72	0.0745
10+20	1	0	0	0		22.50	22.66	22.57		
10+20	1	0	1	99		13.20	13.27	13.22		
10+20	1	49	1	0		13.22	13.23	13.04		
10+20	50	0	100	0	64-QAM	20.24	20.20	20.14	16.30	0.0427
10+20	1	0	1	99		10.12	10.13	9.96		
10+20	1	49	1	0		9.97	10.03	9.87		
10+20	50	0	100	0	256-QAM	19.20	19.17	19.12	15.26	0.0336
10+20	1	0	1	99		6.67	6.63	6.57		
10+20	1	49	1	0		6.78	6.62	6.61		
15+15	75	0	75	0	QPSK	20.52	20.64	20.51	19.22	0.0836
15+15	1	0	0	0		23.16	23.09	23.15		
15+15	1	0	1	74		13.89	13.86	13.83		
15+15	1	74	1	0		13.83	13.84	13.78		
15+15	75	0	75	0	16-QAM	19.54	19.55	19.56	18.72	0.0745
15+15	1	0	0	0		22.62	22.66	22.57		
15+15	1	0	1	74		13.16	13.30	13.14		
15+15	1	74	1	0		13.26	13.17	13.20		
15+15	75	0	75	0	64-QAM	20.19	20.22	20.20	16.28	0.0425
15+15	1	0	1	74		10.13	10.24	10.15		
15+15	1	74	1	0		10.03	10.13	10.10		
15+15	75	0	75	0	256-QAM	19.16	19.20	19.17	15.26	0.0336
15+15	1	0	1	74		6.78	6.83	6.75		
15+15	1	74	1	0		6.63	6.69	6.55		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = -3.94 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	20.57	20.63	20.48	19.30	0.0851
15+10	1	0	0	0		23.08	23.24	23.13		
15+10	1	0	1	49		13.89	13.88	13.84		
15+10	1	74	1	0		13.85	13.94	13.80		
15+10	75	0	50	0	16-QAM	19.56	19.65	19.56	18.98	0.0791
15+10	1	0	0	0		22.74	22.92	22.69		
15+10	1	0	1	49		13.34	13.24	13.20		
15+10	1	74	1	0		13.14	13.21	13.14		
15+10	75	0	50	0	64-QAM	20.21	20.23	20.19	16.29	0.0426
15+10	1	0	1	49		10.26	10.21	10.14		
15+10	1	74	1	0		10.10	10.21	10.09		
15+10	75	0	50	0	256-QAM	19.19	19.22	19.18	15.28	0.0337
15+10	1	0	1	49		6.70	6.83	6.68		
15+10	1	74	1	0		6.75	6.64	6.64		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = -3.49 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	22.34	22.22	22.26	18.85	0.0767
20+20	1	0	0	0		22.30	22.15	22.18		
20+20	1	0	1	99		14.04	13.99	14.05		
20+20	1	99	1	0		13.97	13.92	13.97		
20+20	100	0	100	0	16-QAM	21.32	21.26	21.31	19.33	0.0857
20+20	1	0	0	0		22.82	22.71	22.76		
20+20	1	0	1	99		14.71	14.67	14.74		
20+20	1	99	1	0		14.65	14.58	14.64		
20+20	100	0	100	0	64-QAM	21.31	21.24	21.29	17.82	0.0605
20+20	1	0	1	99		12.21	12.15	12.22		
20+20	1	99	1	0		12.11	12.04	12.10		
20+20	100	0	100	0	256-QAM	19.31	19.23	19.30	15.82	0.0382
20+20	1	0	1	99		8.90	8.83	8.90		
20+20	1	99	1	0		8.82	8.75	8.79		
15+15	75	0	75	0	QPSK	22.12	22.08	22.20	18.71	0.0743
15+15	1	0	0	0		22.16	22.10	22.15		
15+15	1	0	1	74		14.00	13.90	14.01		
15+15	1	74	1	0		13.93	13.84	13.91		
15+15	75	0	75	0	16-QAM	21.27	21.19	21.27	19.28	0.0847
15+15	1	0	0	0		22.77	22.70	22.77		
15+15	1	0	1	74		14.66	14.49	14.69		
15+15	1	74	1	0		14.59	14.41	14.58		
15+15	75	0	75	0	64-QAM	21.28	21.18	21.28	17.79	0.0601
15+15	1	0	1	74		12.12	12.14	12.14		
15+15	1	74	1	0		12.08	12.05	12.07		
15+15	75	0	75	0	256-QAM	19.26	19.15	19.27	15.78	0.0378
15+15	1	0	1	74		8.83	8.78	8.86		
15+15	1	74	1	0		8.76	8.70	8.77		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.49 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	21.13	21.10	20.74	18.54	0.0714
20+20	1	0	0	0		22.03	22.00	21.70		
20+20	1	0	1	99		11.66	11.25	11.00		
20+20	1	99	1	0		11.14	11.10	10.82		
20+20	100	0	100	0	16-QAM	20.40	21.10	20.88	19.15	0.0822
20+20	1	0	0	0		22.64	22.58	22.30		
20+20	1	0	1	99		11.79	12.01	11.83		
20+20	1	99	1	0		11.81	11.88	11.61		
20+20	100	0	100	0	64-QAM	21.16	20.58	20.89	17.67	0.0585
20+20	1	0	1	99		9.49	9.43	10.09		
20+20	1	99	1	0		9.34	9.27	9.79		
20+20	100	0	100	0	256-QAM	19.20	18.61	18.87	15.71	0.0372
20+20	1	0	1	99		7.43	7.43	7.61		
20+20	1	99	1	0		7.64	7.18	7.35		
20+15	100	0	75	0	QPSK	21.14	21.00	20.11	18.53	0.0713
20+15	1	0	0	0		22.02	21.93	21.68		
20+15	1	0	1	74		11.01	11.23	10.99		
20+15	1	99	1	0		12.05	11.54	10.78		
20+15	100	0	75	0	16-QAM	21.13	21.13	20.80	19.13	0.0818
20+15	1	0	0	0		22.62	22.54	22.29		
20+15	1	0	1	74		11.67	11.96	11.78		
20+15	1	99	1	0		12.68	12.11	12.35		
20+15	100	0	75	0	64-QAM	21.08	21.07	20.83	17.59	0.0574
20+15	1	0	1	74		9.11	10.18	9.03		
20+15	1	99	1	0		10.15	9.60	8.92		
20+15	100	0	75	0	256-QAM	19.17	19.09	18.81	15.68	0.0370
20+15	1	0	1	74		7.50	7.99	7.09		
20+15	1	99	1	0		7.46	7.68	6.88		
15+20	75	0	100	0	QPSK	20.66	21.32	20.65	18.62	0.0728
15+20	1	0	0	0		22.11	22.01	21.65		
15+20	1	0	1	99		10.77	12.26	10.90		
15+20	1	74	1	0		12.13	12.26	10.71		
15+20	75	0	100	0	16-QAM	21.23	21.38	20.71	19.18	0.0828
15+20	1	0	0	0		22.67	22.66	22.28		
15+20	1	0	1	99		11.82	12.95	12.19		
15+20	1	74	1	0		12.01	12.92	12.17		
15+20	75	0	100	0	64-QAM	21.20	21.38	20.78	17.89	0.0615
15+20	1	0	1	99		10.26	10.40	9.11		
15+20	1	74	1	0		10.31	10.42	8.96		
15+20	75	0	100	0	256-QAM	19.20	19.36	18.04	15.87	0.0386
15+20	1	0	1	99		7.79	8.42	8.22		
15+20	1	74	1	0		7.37	8.40	6.88		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.49 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	21.38	21.36	21.04	18.62	0.0728
20+10	1	0	0	0		22.11	22.05	21.79		
20+10	1	0	1	49		12.37	12.31	12.16		
20+10	1	99	1	0		12.33	12.27	11.86		
20+10	100	0	50	0	16-QAM	21.46	21.41	21.11	19.24	0.0839
20+10	1	0	0	0		22.73	22.63	22.38		
20+10	1	0	1	49		13.05	12.99	12.87		
20+10	1	99	1	0		12.99	12.93	12.50		
20+10	100	0	50	0	64-QAM	21.45	21.40	21.10	17.96	0.0625
20+10	1	0	1	49		10.55	10.48	10.34		
20+10	1	99	1	0		10.46	10.39	9.96		
20+10	100	0	50	0	256-QAM	19.45	19.39	19.11	15.96	0.0394
20+10	1	0	1	49		8.38	8.47	8.31		
20+10	1	99	1	0		8.49	8.40	7.96		
10+20	50	0	100	0	QPSK	21.49	21.28	21.07	18.79	0.0757
10+20	1	0	0	0		22.28	22.11	21.67		
10+20	1	0	1	99		12.44	12.23	12.06		
10+20	1	49	1	0		12.42	12.33	11.98		
10+20	50	0	100	0	16-QAM	21.54	21.33	21.12	19.38	0.0867
10+20	1	0	0	0		22.87	22.71	22.32		
10+20	1	0	1	99		13.10	12.91	12.75		
10+20	1	49	1	0		13.08	12.90	12.64		
10+20	50	0	100	0	64-QAM	21.58	21.38	21.14	18.09	0.0644
10+20	1	0	1	99		10.64	10.42	10.25		
10+20	1	49	1	0		10.55	10.36	10.09		
10+20	50	0	100	0	256-QAM	19.63	19.43	19.20	16.14	0.0411
10+20	1	0	1	99		8.60	8.39	8.21		
10+20	1	49	1	0		8.57	8.40	8.11		
20+5	100	0	25	0	QPSK	21.34	21.29	20.94	18.68	0.0738
20+5	1	0	0	0		22.17	22.11	21.79		
20+5	1	0	1	24		12.31	12.31	11.94		
20+5	1	99	1	0		12.26	12.16	11.82		
20+5	100	0	25	0	16-QAM	21.40	21.35	21.01	19.27	0.0845
20+5	1	0	0	0		22.76	22.74	22.37		
20+5	1	0	1	24		12.99	12.97	12.66		
20+5	1	99	1	0		12.91	12.83	12.47		
20+5	100	0	25	0	64-QAM	21.38	21.32	20.97	17.89	0.0615
20+5	1	0	1	24		10.48	10.48	10.15		
20+5	1	99	1	0		10.37	10.29	9.91		
20+5	100	0	25	0	256-QAM	19.37	19.34	18.99	15.88	0.0387
20+5	1	0	1	24		8.46	8.45	8.13		
20+5	1	99	1	0		8.39	8.30	7.92		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.49 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	21.44	21.46	21.32	18.74	0.0748
5+20	1	0	0	0		22.23	22.07	21.76		
5+20	1	0	1	99		12.37	12.21	11.92		
5+20	1	24	1	0		12.30	12.13	11.84		
5+20	25	0	100	0	16-QAM	21.47	21.29	20.99	19.32	0.0855
5+20	1	0	0	0		22.81	22.67	22.32		
5+20	1	0	1	99		13.05	12.91	12.61		
5+20	1	24	1	0		12.97	12.80	12.49		
5+20	25	0	100	0	64-QAM	21.47	21.31	21.01	17.98	0.0628
5+20	1	0	1	99		10.50	10.33	10.04		
5+20	1	24	1	0		10.47	10.30	10.00		
5+20	25	0	100	0	256-QAM	19.52	19.35	19.04	16.03	0.0401
5+20	1	0	1	99		8.53	8.36	8.07		
5+20	1	24	1	0		8.45	8.27	7.99		
15+10	75	0	50	0	QPSK	21.38	21.25	20.97	18.71	0.0743
15+10	1	0	0	0		22.20	22.05	21.83		
15+10	1	0	1	49		12.35	12.26	11.98		
15+10	1	74	1	0		12.32	12.16	11.87		
15+10	75	0	50	0	16-QAM	21.44	21.32	21.03	19.31	0.0853
15+10	1	0	0	0		22.80	22.63	22.37		
15+10	1	0	1	49		13.04	12.93	12.68		
15+10	1	74	1	0		12.96	12.80	12.51		
15+10	75	0	50	0	64-QAM	21.45	21.32	21.05	17.96	0.0625
15+10	1	0	1	49		10.49	10.37	10.13		
15+10	1	74	1	0		10.45	10.28	10.02		
15+10	75	0	50	0	256-QAM	19.44	19.28	19.02	15.95	0.0394
15+10	1	0	1	49		8.50	8.36	8.12		
15+10	1	74	1	0		8.45	8.27	8.00		
10+15	50	0	75	0	QPSK	21.33	21.26	20.89	18.71	0.0743
10+15	1	0	0	0		22.20	22.09	21.74		
10+15	1	0	1	74		12.28	12.20	11.85		
10+15	1	49	1	0		12.30	12.18	11.82		
10+15	50	0	75	0	16-QAM	21.39	21.28	20.91	19.28	0.0847
10+15	1	0	0	0		22.77	22.69	22.29		
10+15	1	0	1	74		12.95	12.87	12.53		
10+15	1	49	1	0		12.95	12.86	12.47		
10+15	50	0	75	0	64-QAM	21.41	21.32	20.95	17.92	0.0619
10+15	1	0	1	74		10.46	10.37	10.03		
10+15	1	49	1	0		10.39	10.28	9.91		
10+15	50	0	75	0	256-QAM	19.46	19.36	18.99	15.97	0.0395
10+15	1	0	1	74		8.42	8.34	7.99		
10+15	1	49	1	0		8.41	8.30	8.56		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0920B

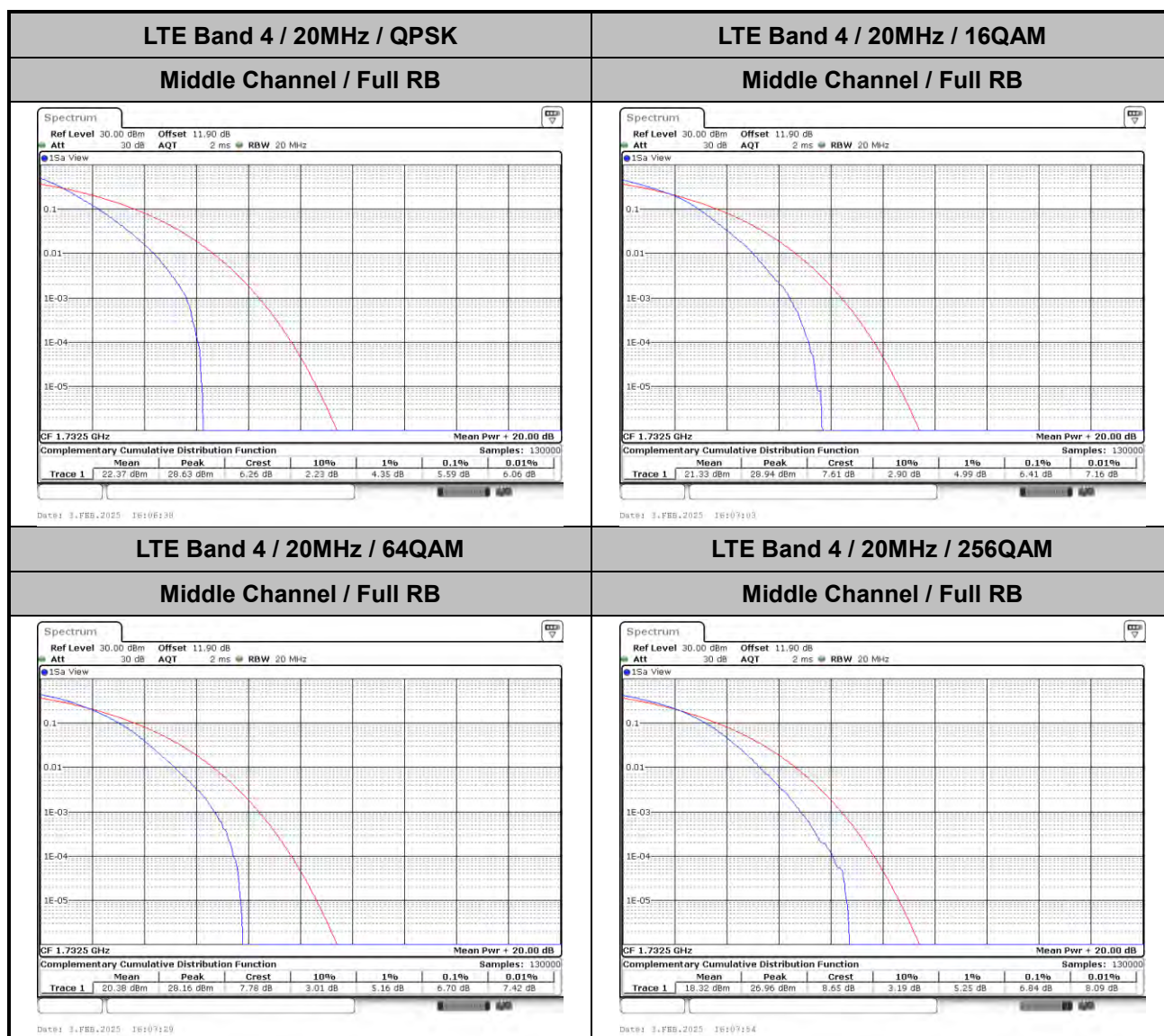
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = -3.49 dB)										
15+15	75	0	75	0	QPSK	21.44	21.35	20.99	18.58	0.0721
15+15	1	0	0	0		22.07	21.97	21.61		
15+15	1	0	1	74		12.41	12.30	12.05		
15+15	1	74	1	0		12.37	12.27	11.84		
15+15	75	0	75	0	16-QAM	21.48	21.39	21.05	19.24	0.0839
15+15	1	0	0	0		22.73	22.59	22.20		
15+15	1	0	1	74		13.09	12.98	12.75		
15+15	1	74	1	0		13.02	12.94	12.49		
15+15	75	0	75	0	64-QAM	21.50	21.39	21.06	18.01	0.0632
15+15	1	0	1	74		10.55	10.43	10.20		
15+15	1	74	1	0		10.53	10.43	9.98		
15+15	75	0	75	0	256-QAM	19.49	19.39	19.06	16.00	0.0398
15+15	1	0	1	74		8.56	8.42	8.19		
15+15	1	74	1	0		8.51	8.42	7.98		
Limit	EIRP < 2W					Result			Pass	



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	5.59	6.41	6.70	6.84	PASS



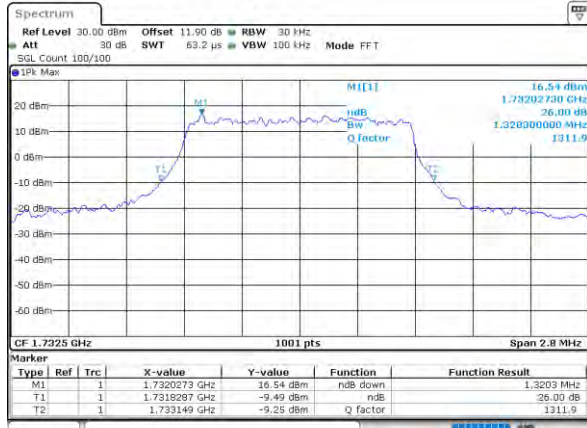
**26dB Bandwidth**

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	1.32	1.31	3.06	3.22	5.35	5.09	9.79	9.79	14.83	14.89	19.38	18.82
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	1.31	1.27	3.09	3.12	5.00	4.92	9.69	9.71	14.44	14.98	18.98	18.74

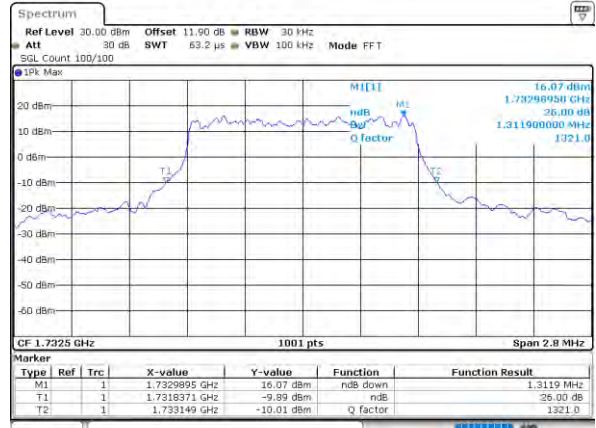


LTE Band 4

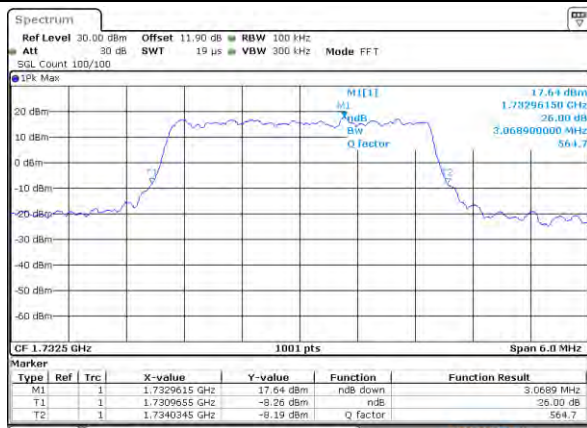
Middle Channel / 1.4MHz / QPSK



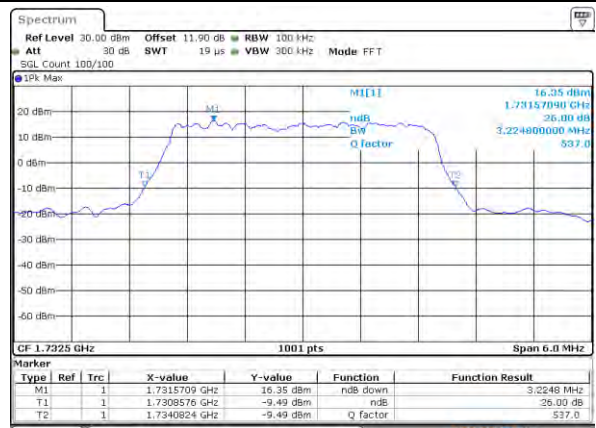
Middle Channel / 1.4MHz / 16QAM



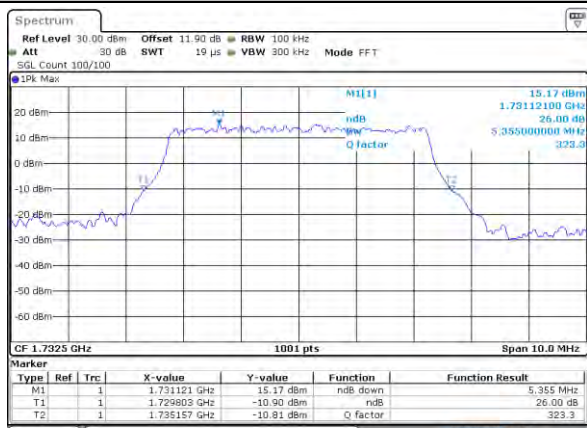
Middle Channel / 3MHz / QPSK



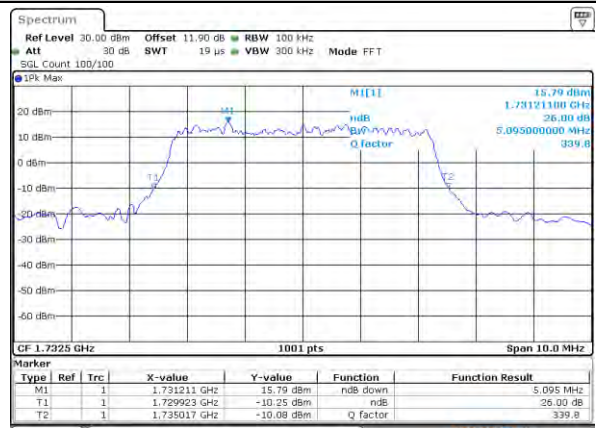
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



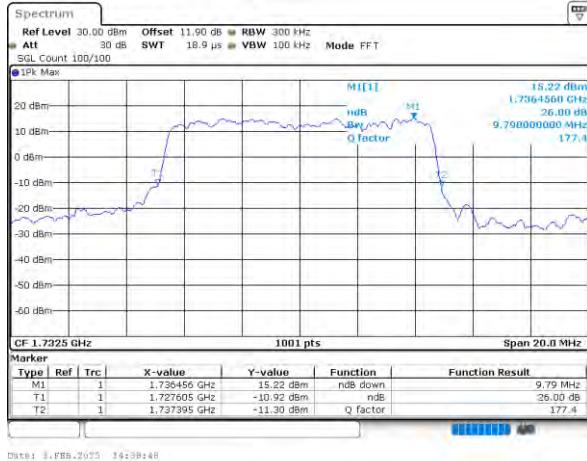
Middle Channel / 5MHz / 16QAM



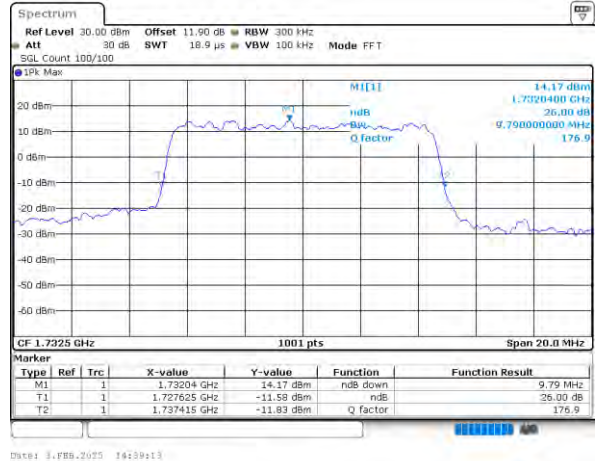


LTE Band 4

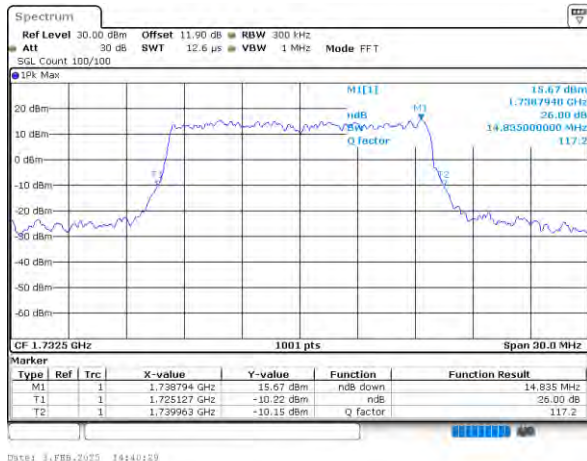
Middle Channel / 10MHz / QPSK



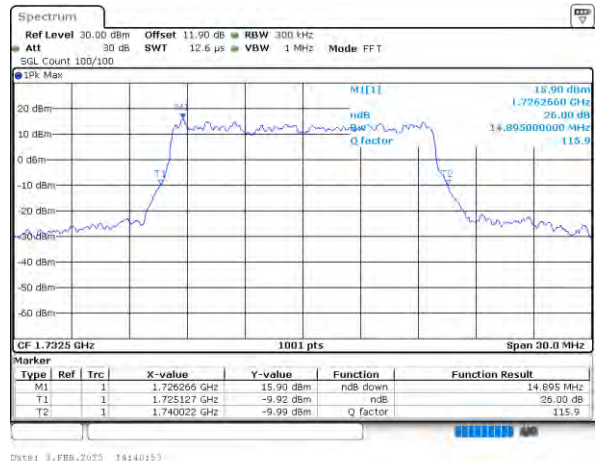
Middle Channel / 10MHz / 16QAM



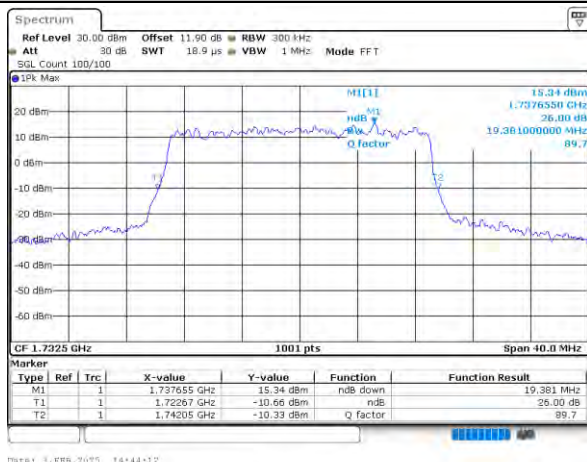
Middle Channel / 15MHz / QPSK



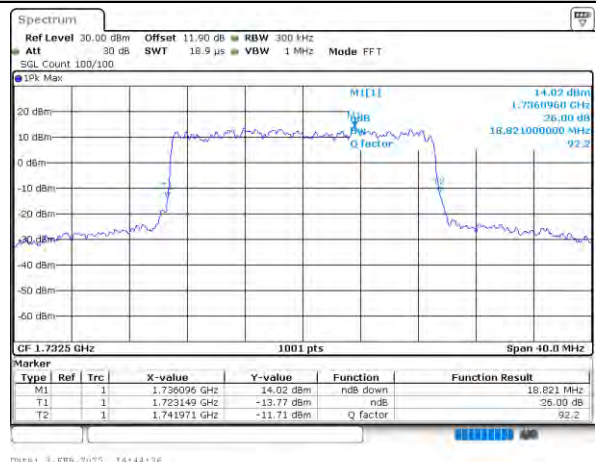
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



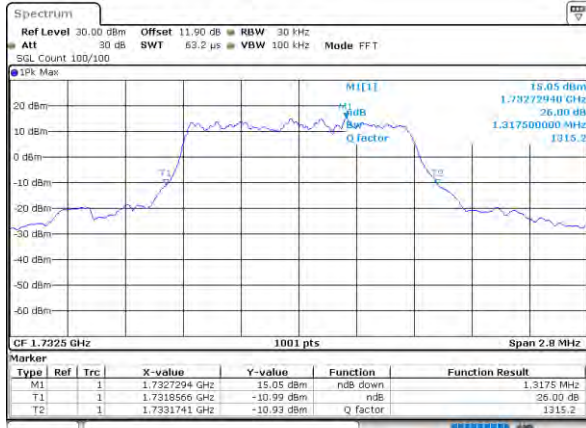
Middle Channel / 20MHz / 16QAM



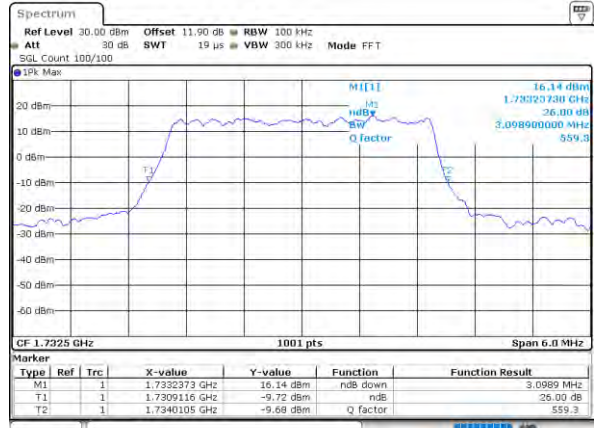


LTE Band 4

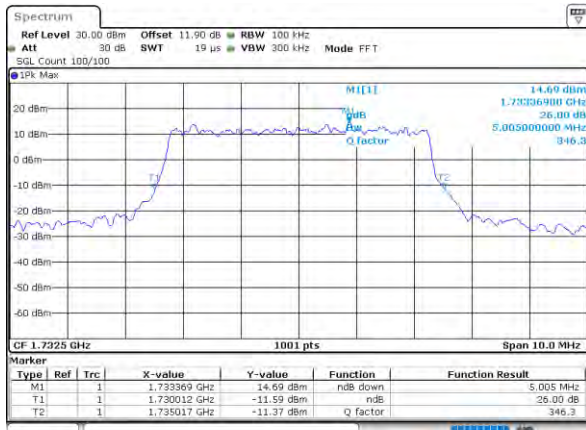
Middle Channel / 1.4MHz / 64QAM



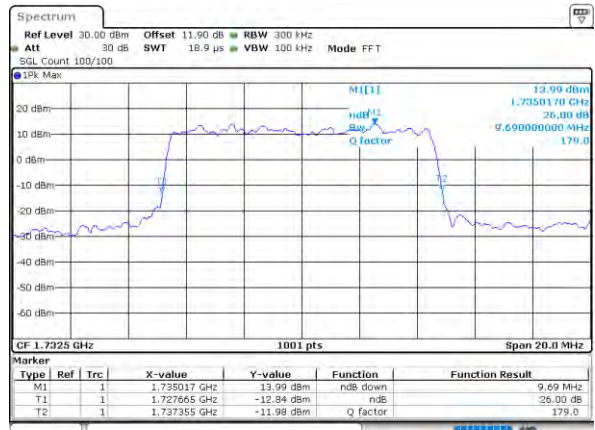
Middle Channel / 3MHz / 64QAM



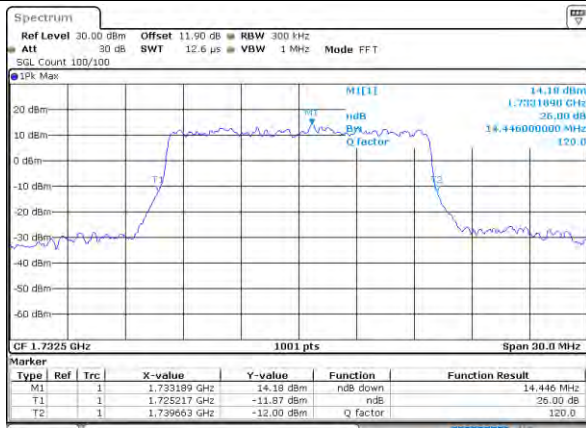
Middle Channel / 5MHz / 64QAM



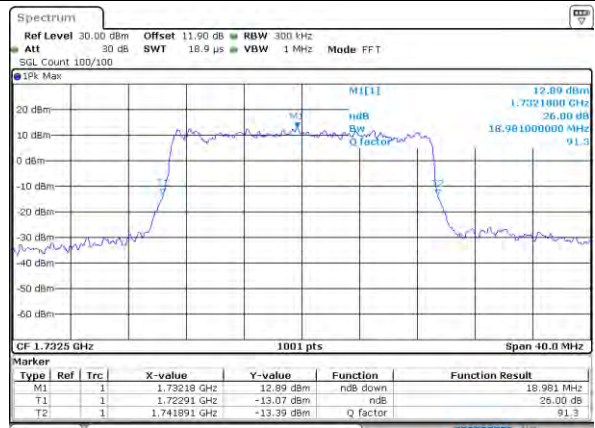
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



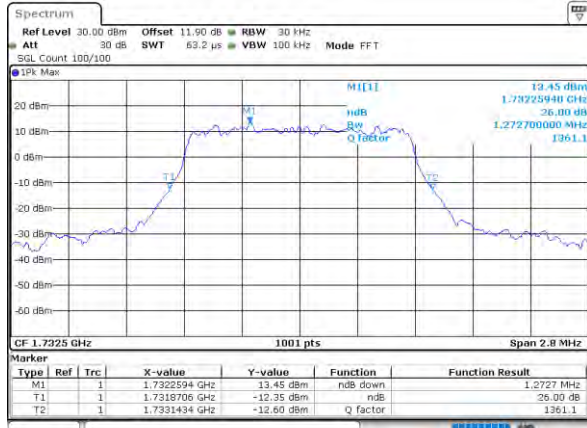
Middle Channel / 20MHz / 64QAM



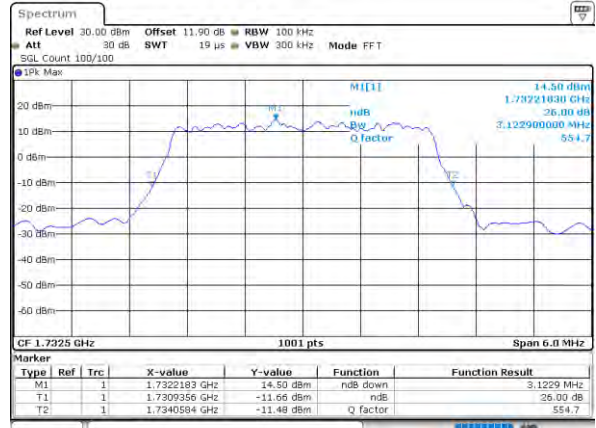


LTE Band 4

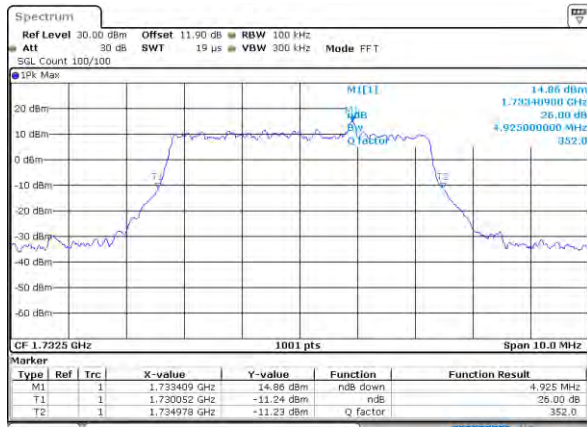
Middle Channel / 1.4MHz / 256QAM



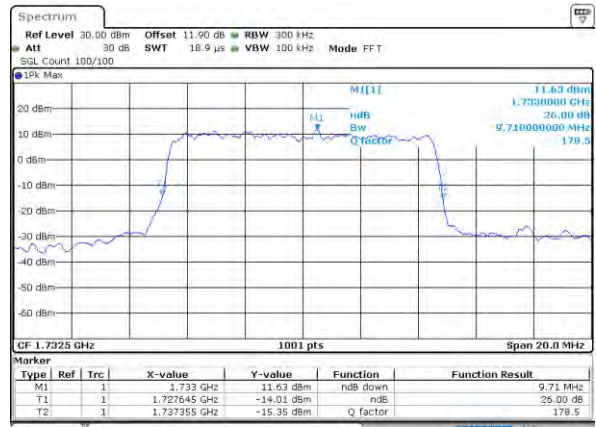
Middle Channel / 3MHz / 256QAM



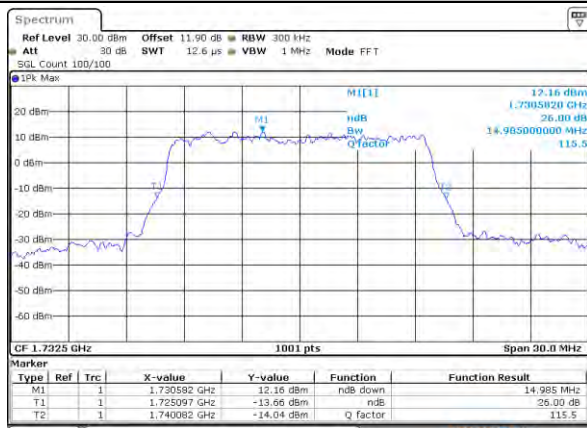
Middle Channel / 5MHz / 256QAM



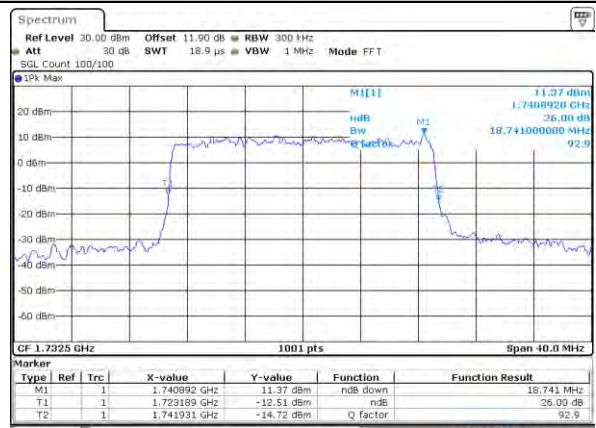
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



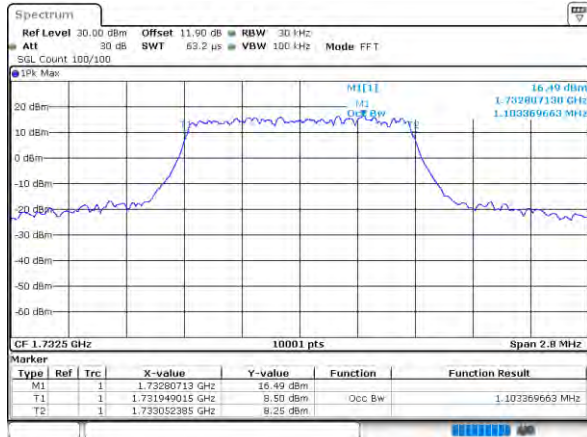
**Occupied Bandwidth**

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	1.10	1.08	2.73	2.74	4.51	4.49	9.06	9.08	13.43	13.44	17.85	17.81
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	1.10	1.09	2.74	2.71	4.48	4.48	9.06	9.07	13.48	13.40	17.81	17.90

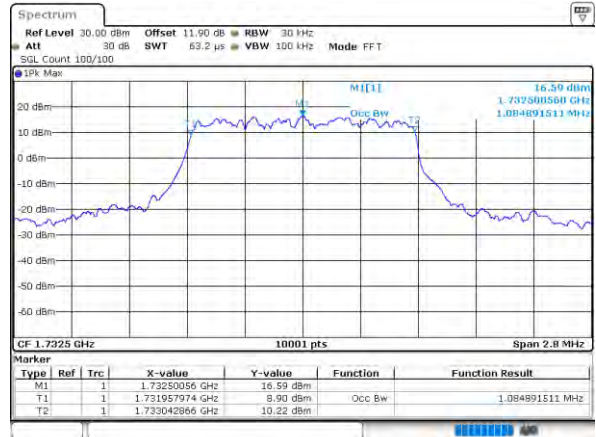


LTE Band 4

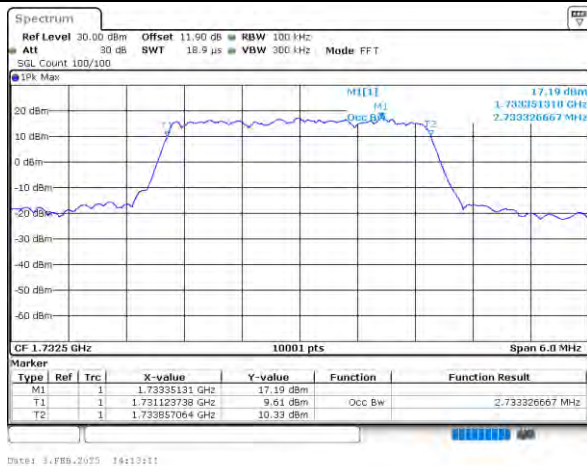
Middle Channel / 1.4MHz / QPSK



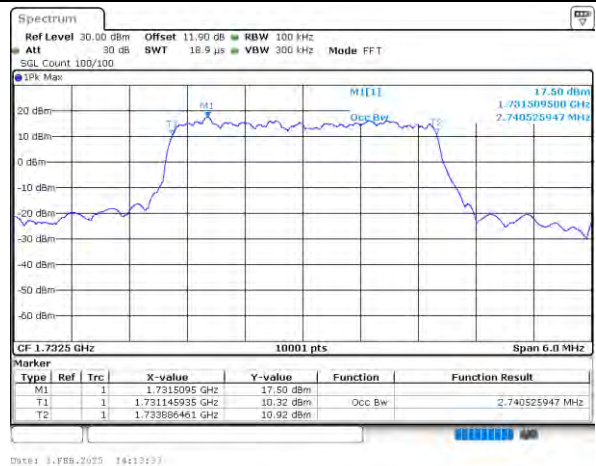
Middle Channel / 1.4MHz / 16QAM



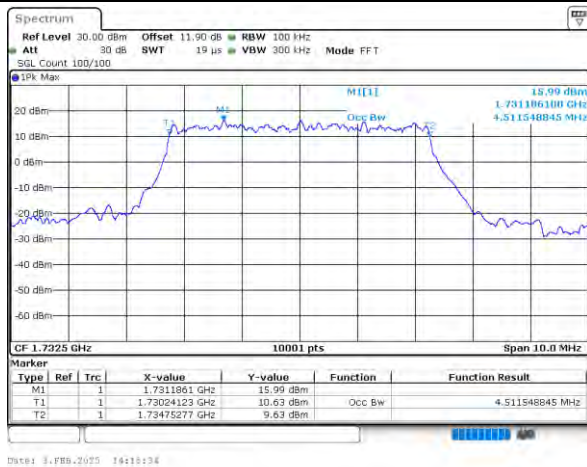
Middle Channel / 3MHz / QPSK



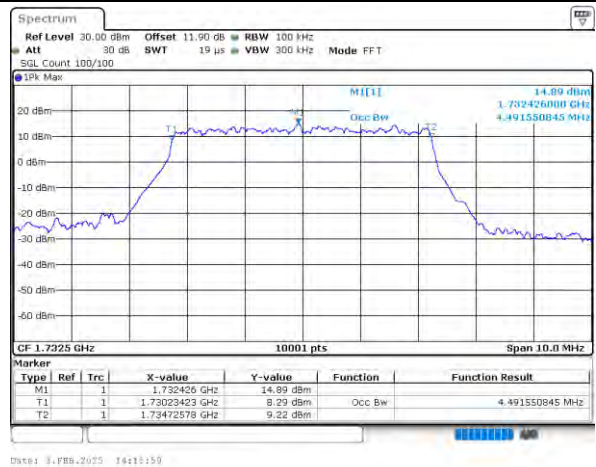
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



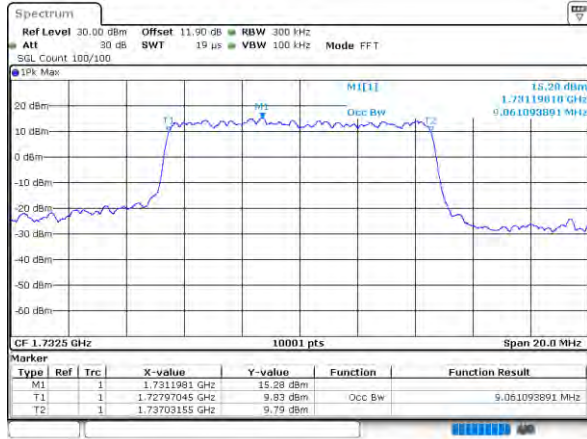
Middle Channel / 5MHz / 16QAM



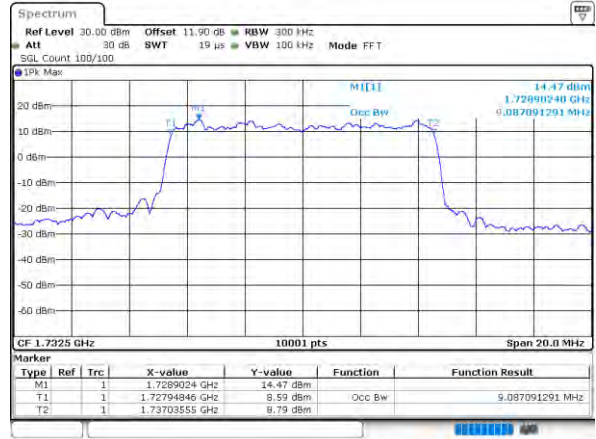


LTE Band 4

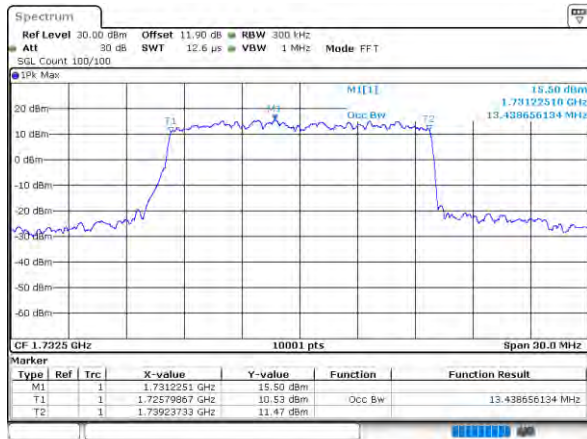
Middle Channel / 10MHz / QPSK



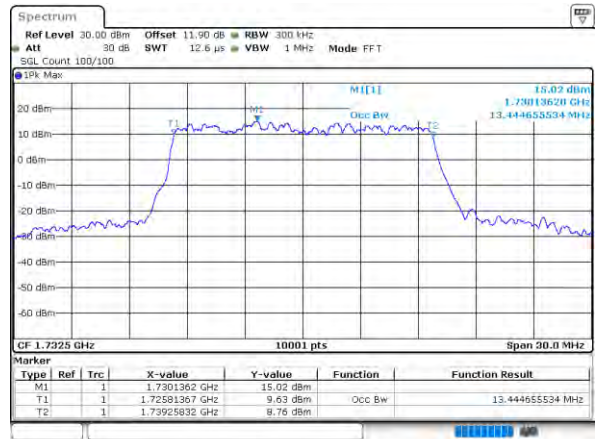
Middle Channel / 10MHz / 16QAM



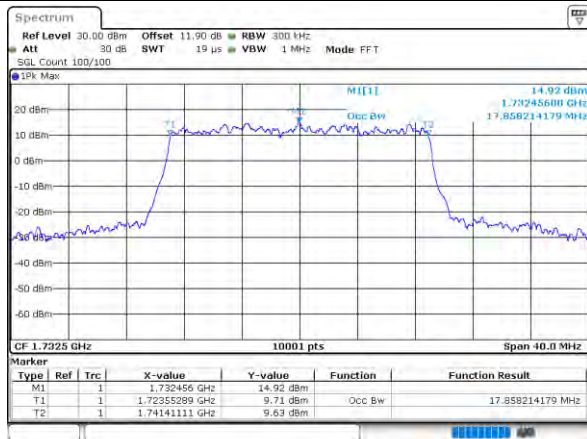
Middle Channel / 15MHz / QPSK



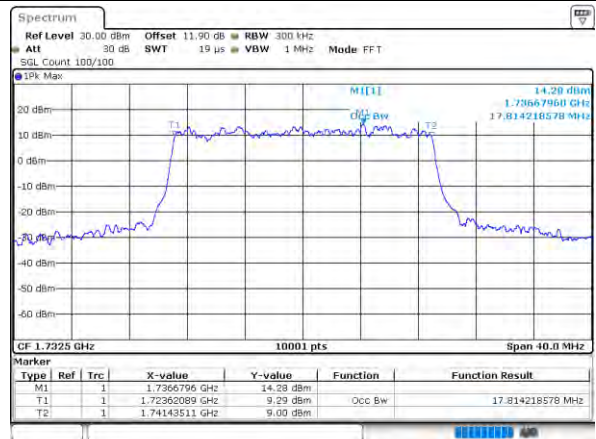
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



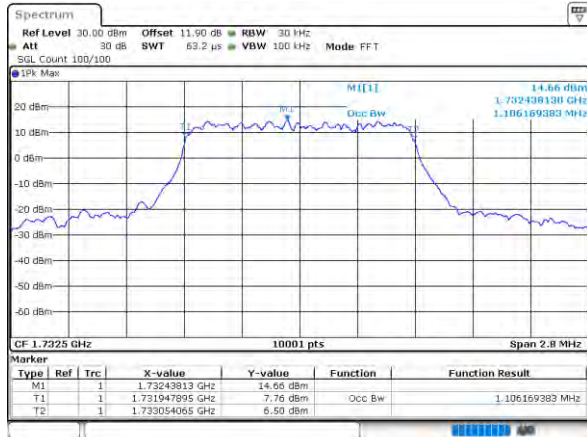
Middle Channel / 20MHz / 16QAM



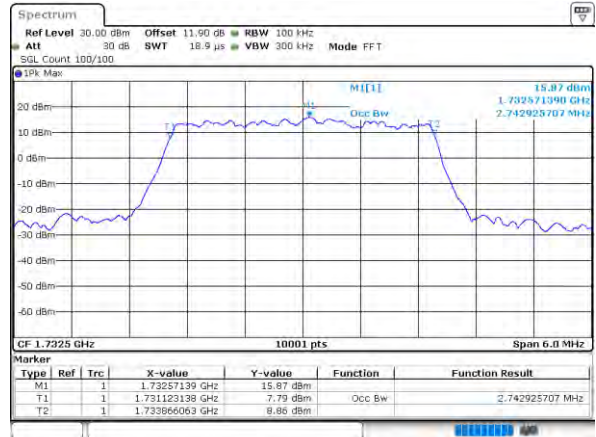


LTE Band 4

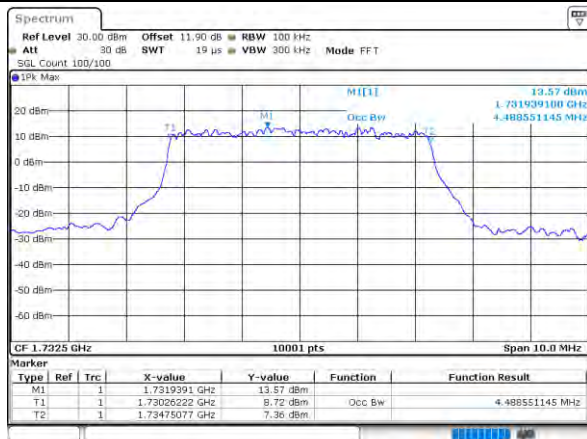
Middle Channel / 1.4MHz / 64QAM



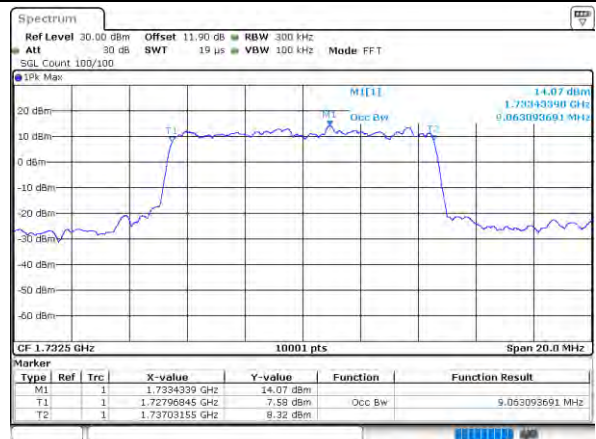
Middle Channel / 3MHz / 64QAM



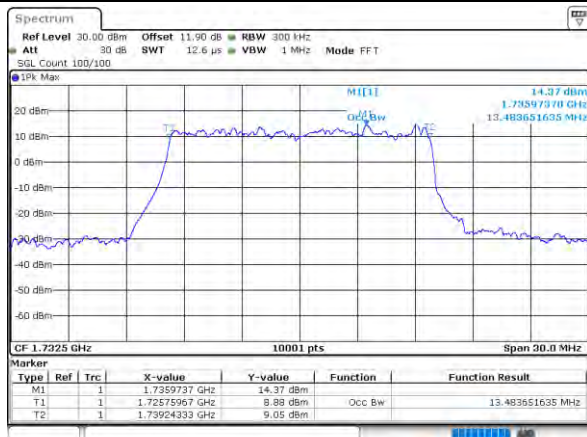
Middle Channel / 5MHz / 64QAM



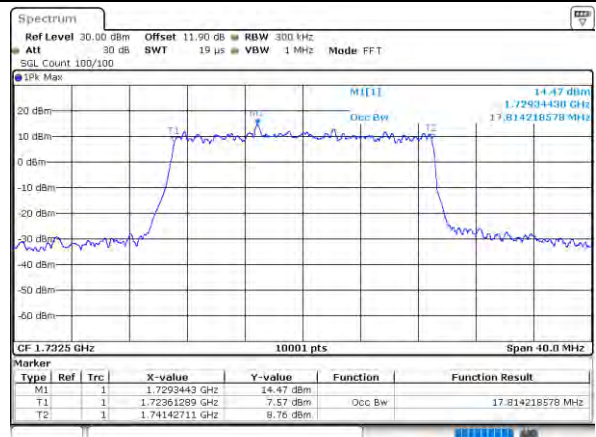
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



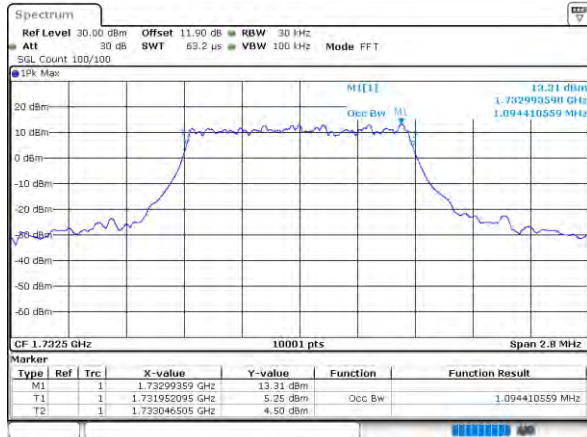
Middle Channel / 20MHz / 64QAM



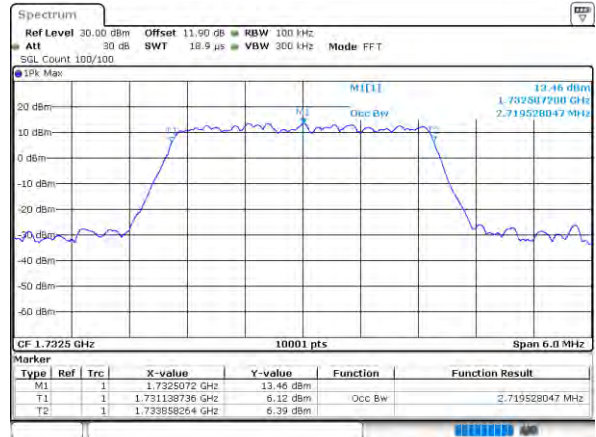


LTE Band 4

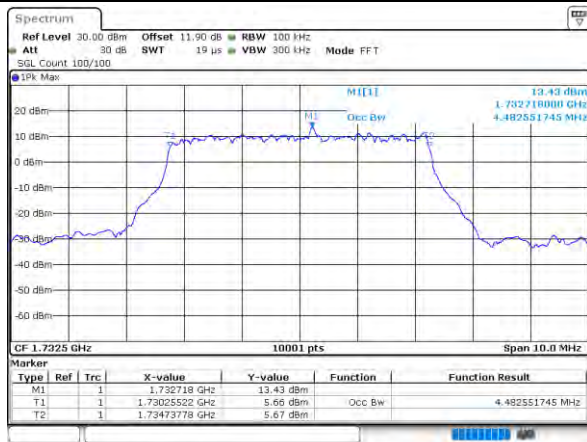
Middle Channel / 1.4MHz / 256QAM



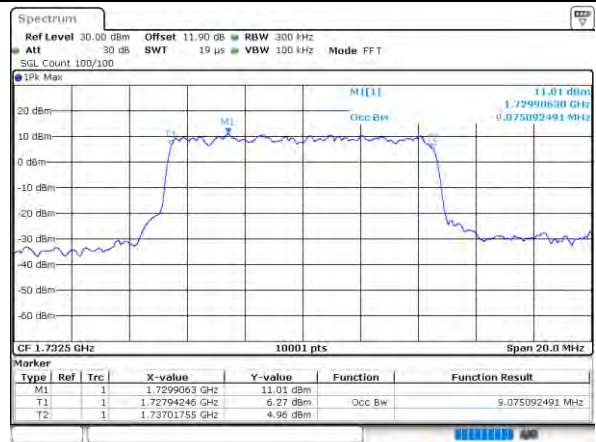
Middle Channel / 3MHz / 256QAM



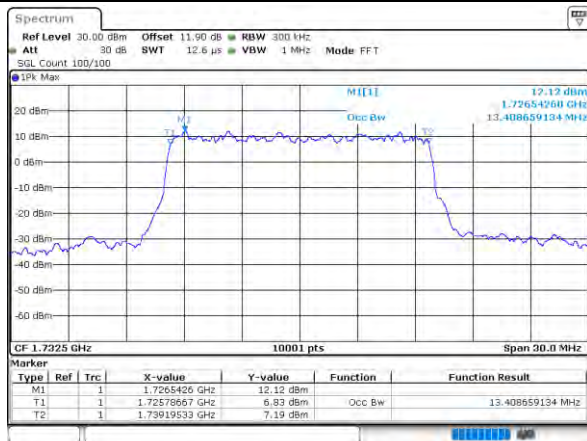
Middle Channel / 5MHz / 256QAM



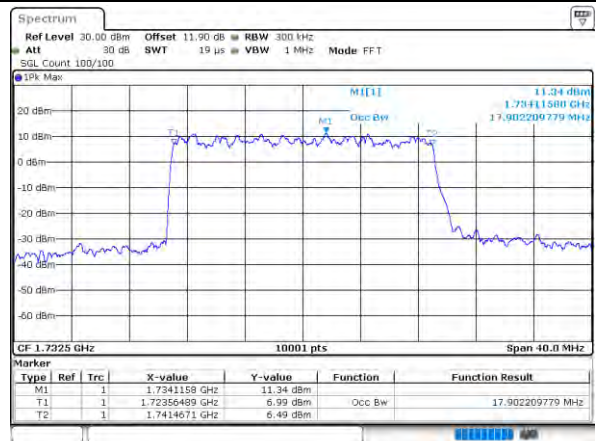
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

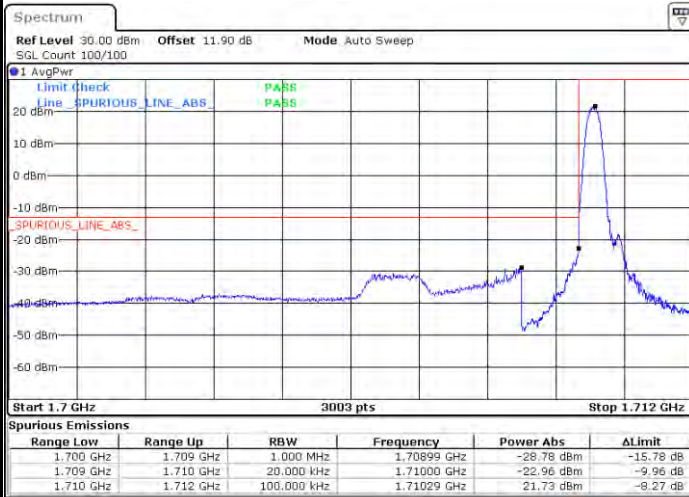




Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

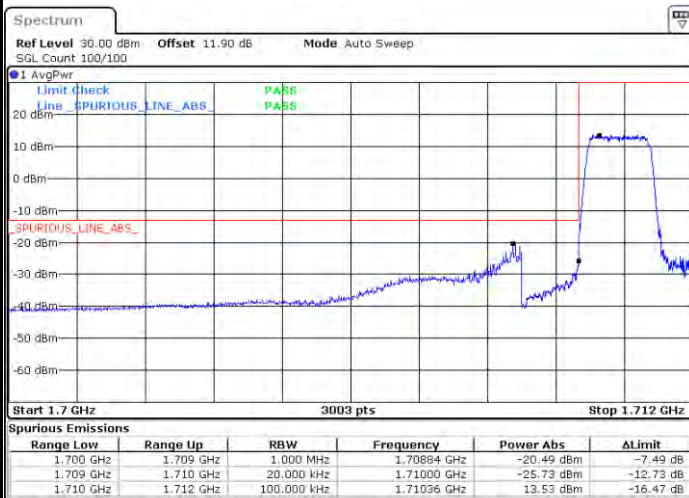
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 16QAM

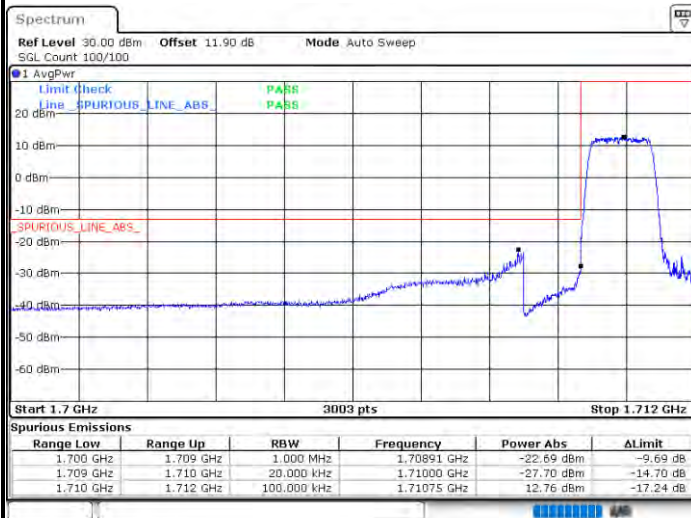
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



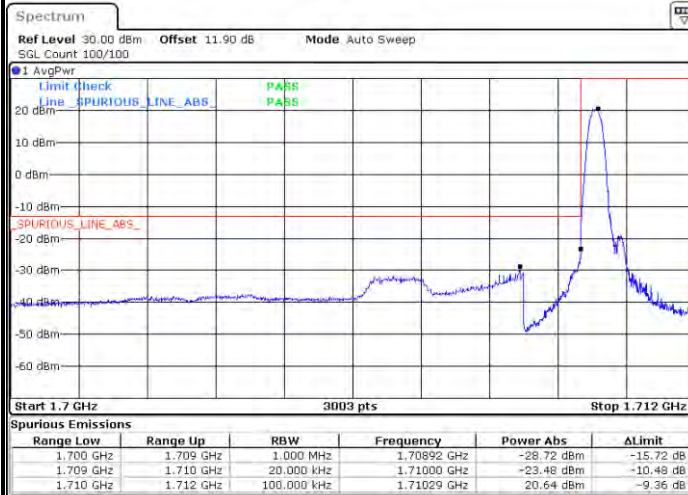
Highest Band Edge / Full RB



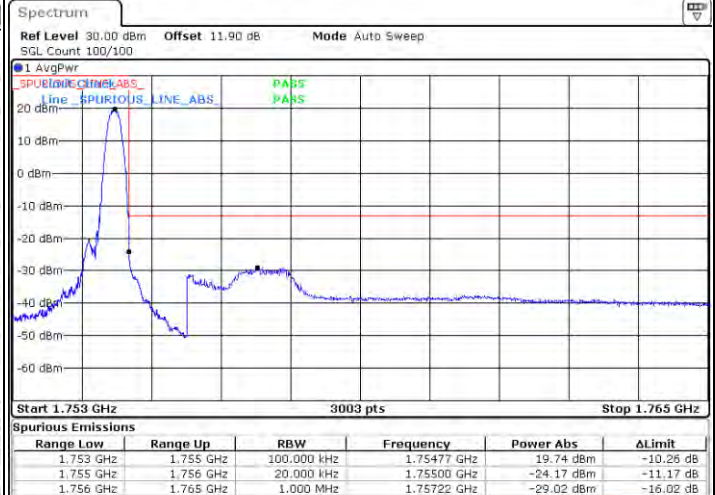


LTE Band 4 / 1.4MHz / 64QAM

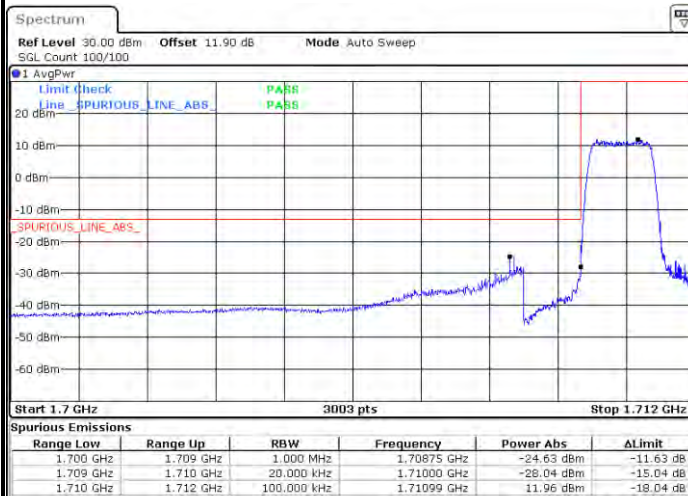
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



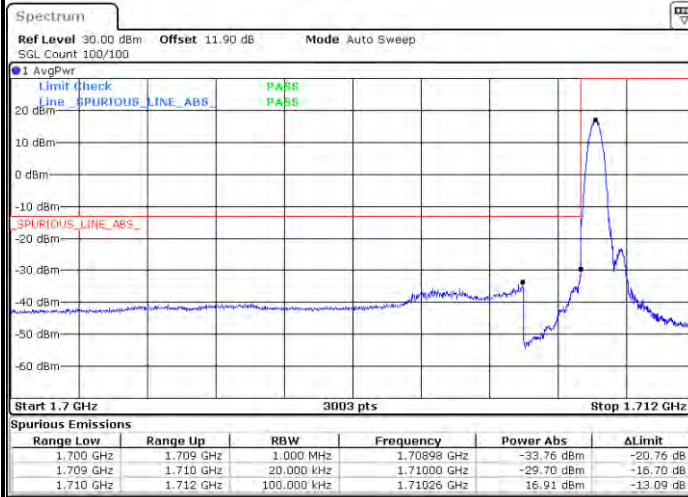
Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 256QAM

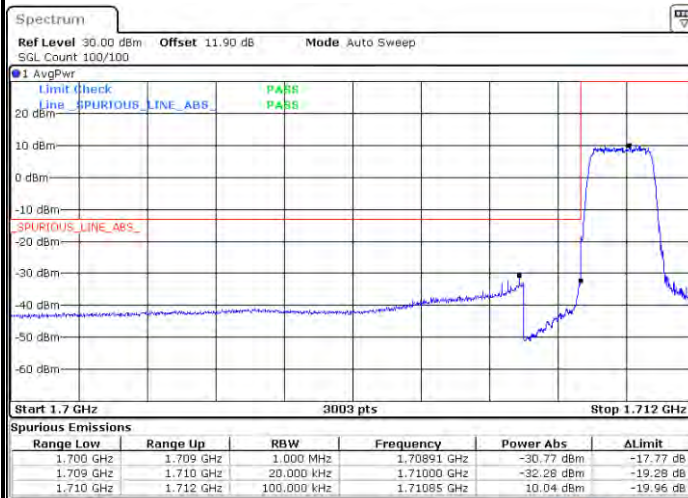
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



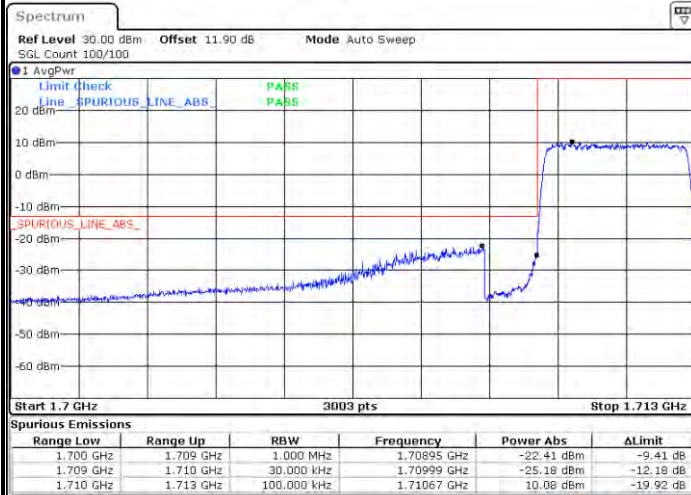
Highest Band Edge / Full RB



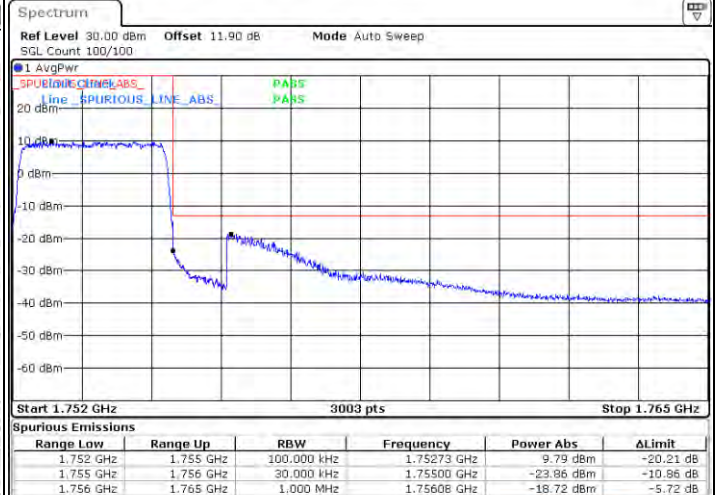


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / Full RB

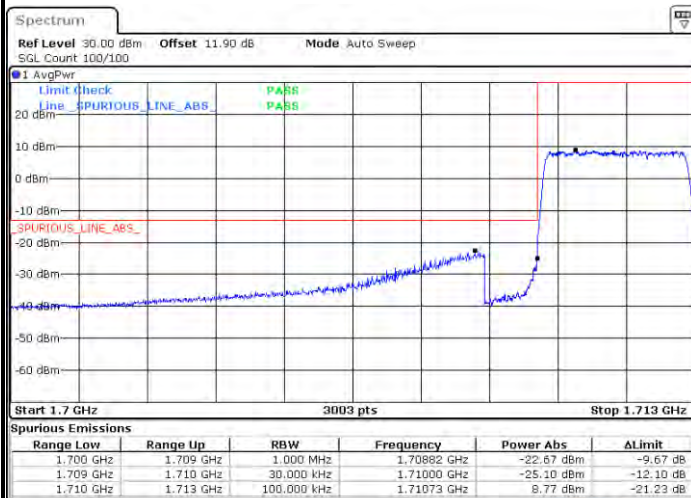


Highest Band Edge / Full RB



LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / Full RB



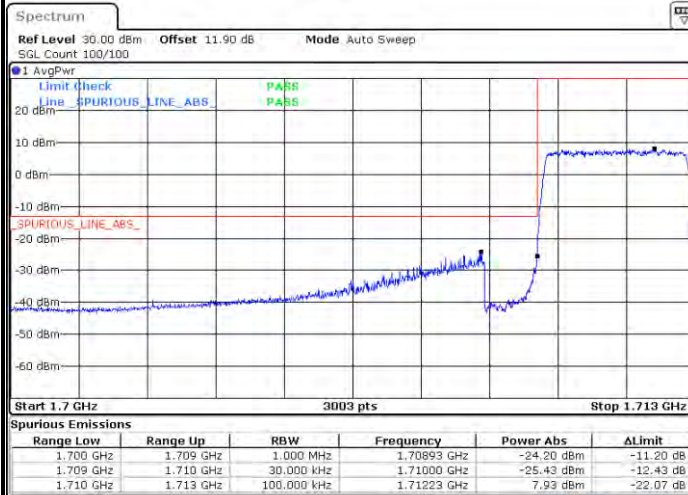
Highest Band Edge / Full RB



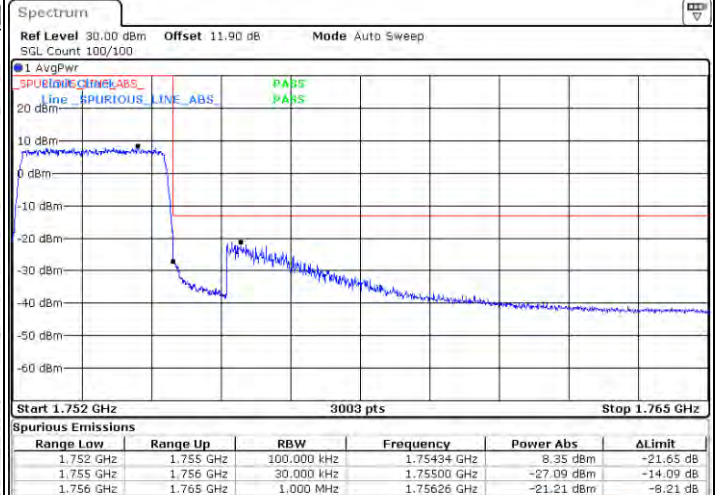


LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / Full RB

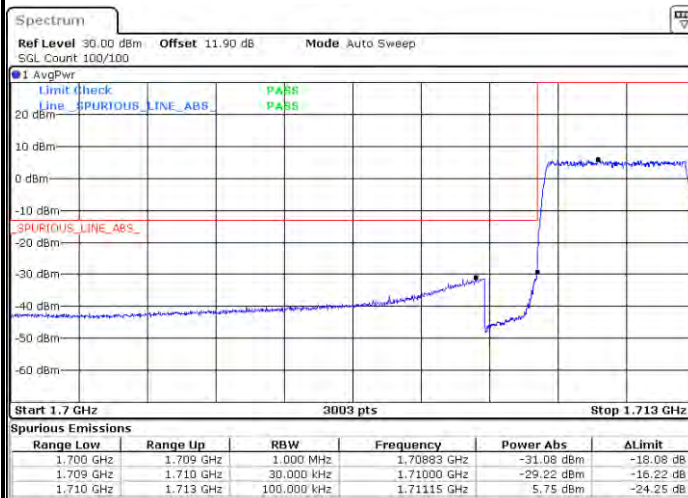


Highest Band Edge / Full RB

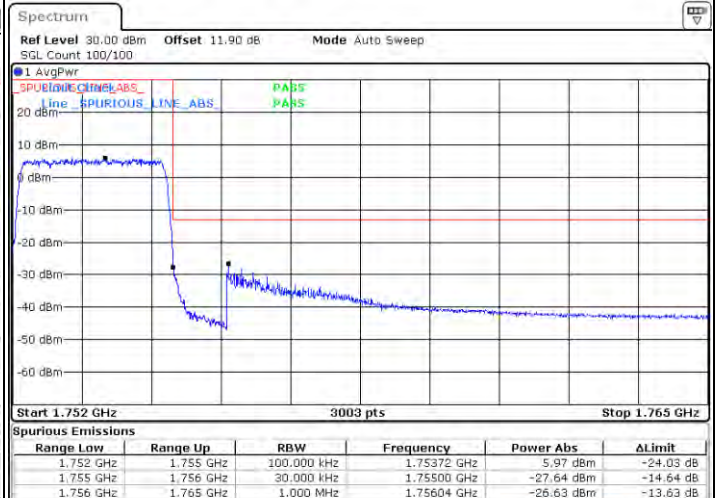


LTE Band 4 / 3MHz / 256QAM

Lowest Band Edge / Full RB



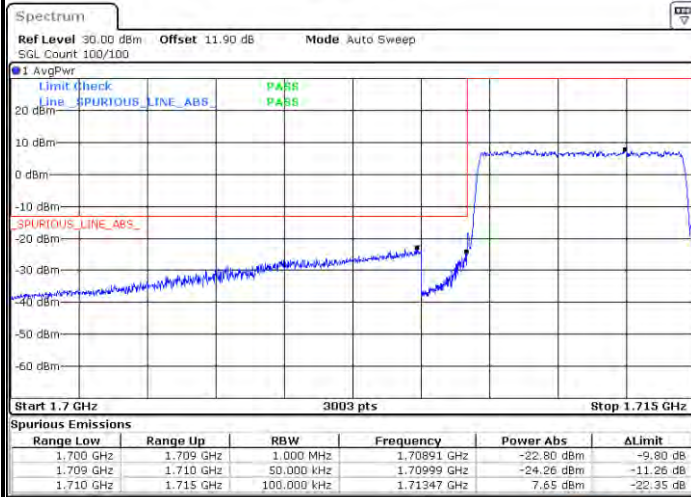
Highest Band Edge / Full RB



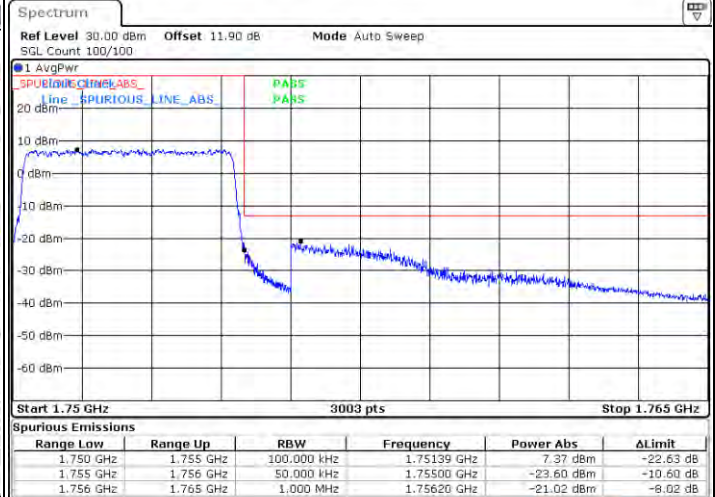


LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / Full RB

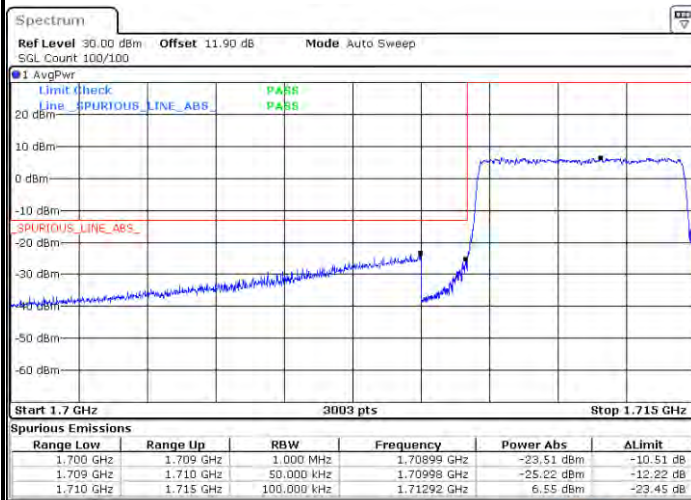


Highest Band Edge / Full RB

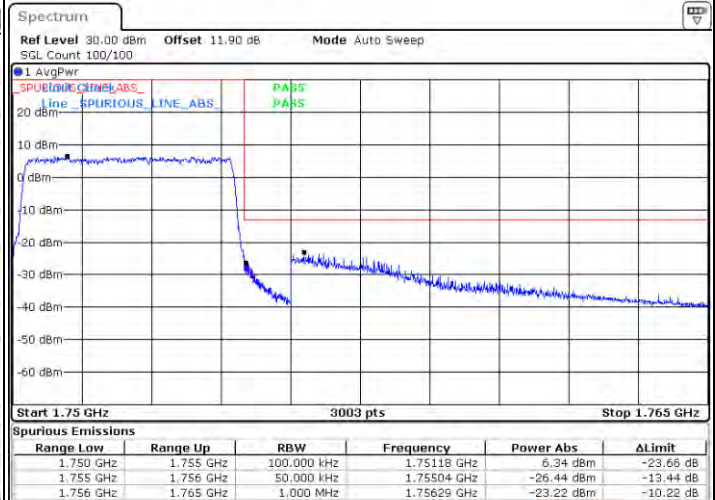


LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / Full RB



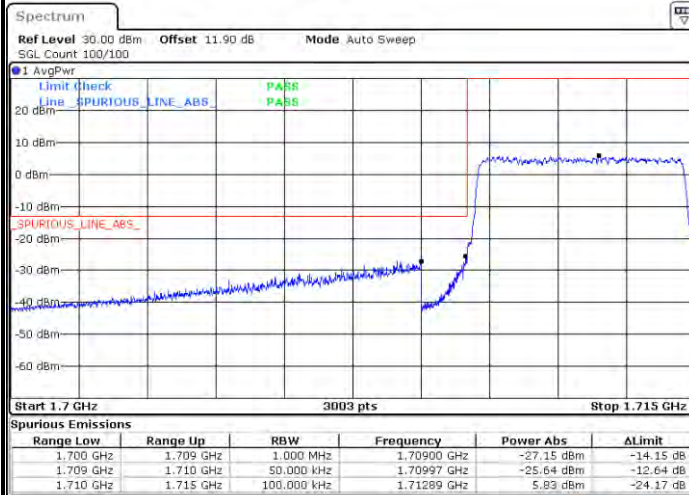
Highest Band Edge / Full RB



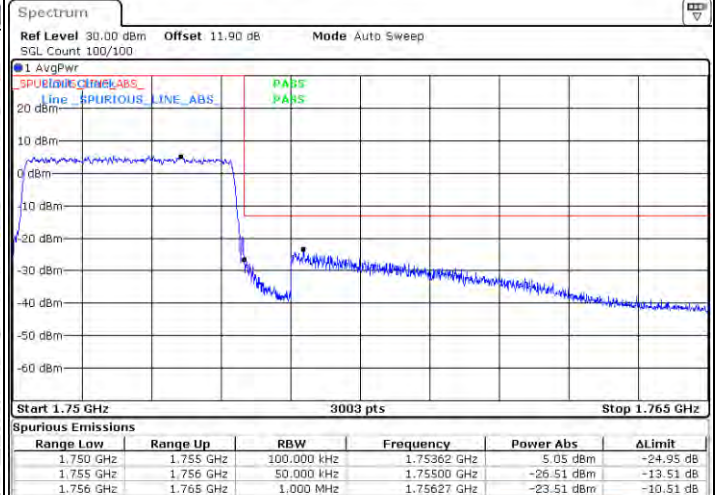


LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / Full RB

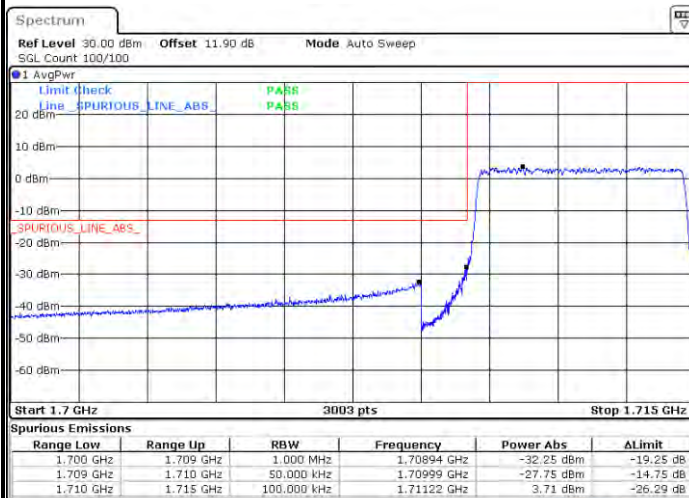


Highest Band Edge / Full RB

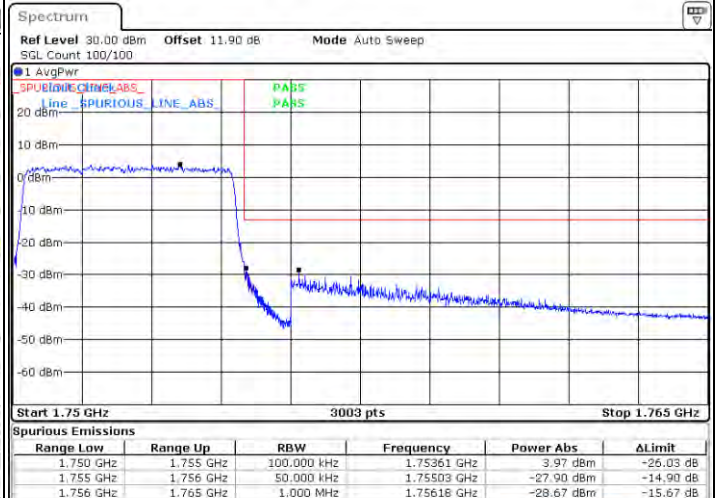


LTE Band 4 / 5MHz / 256QAM

Lowest Band Edge / Full RB



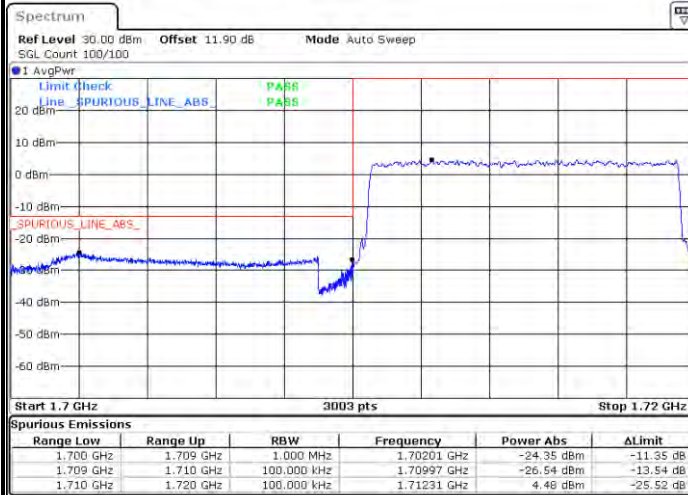
Highest Band Edge / Full RB



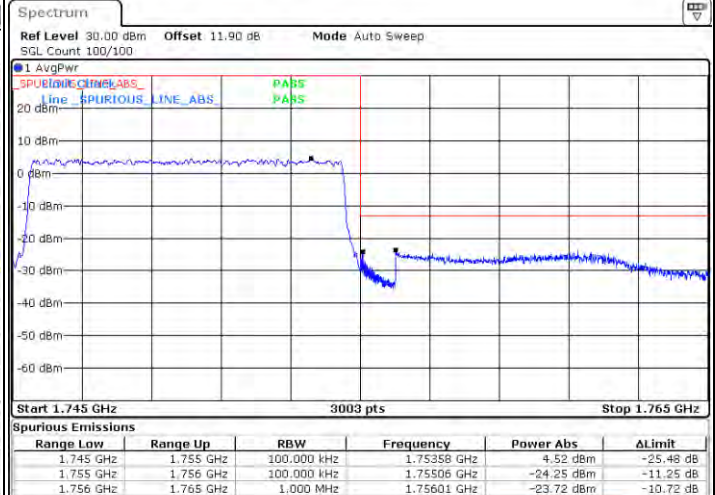


LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB

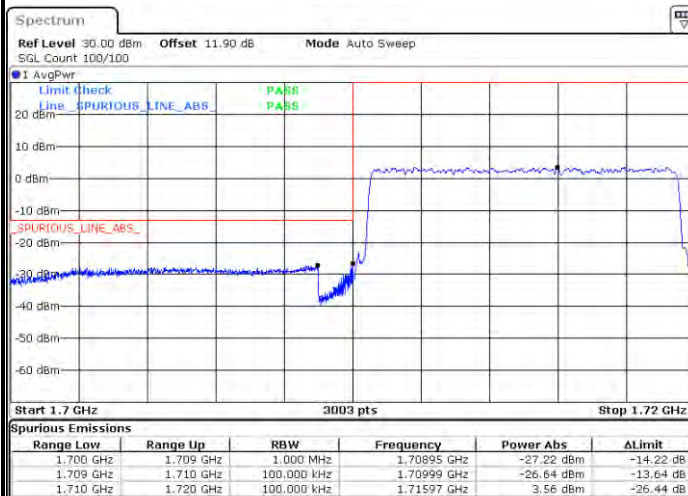


Highest Band Edge / Full RB

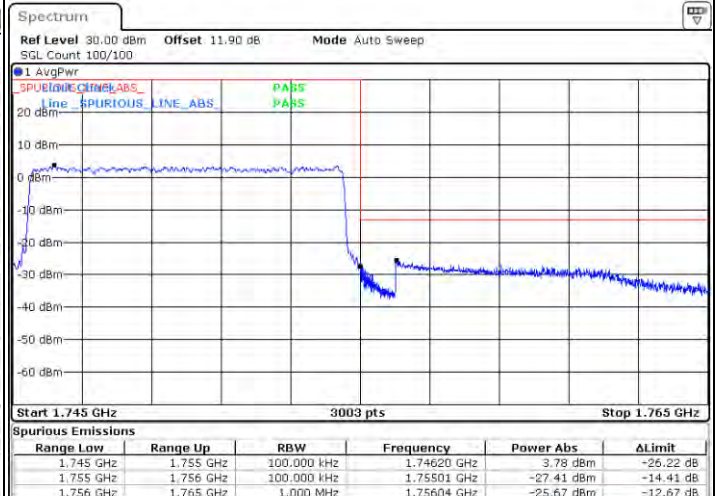


LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / Full RB



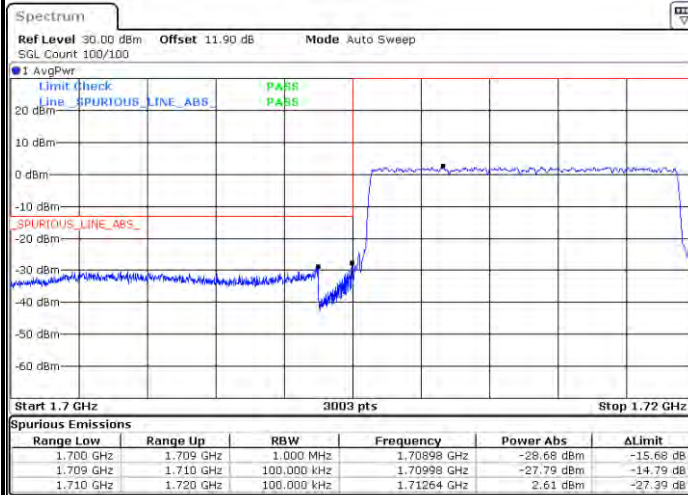
Highest Band Edge / Full RB



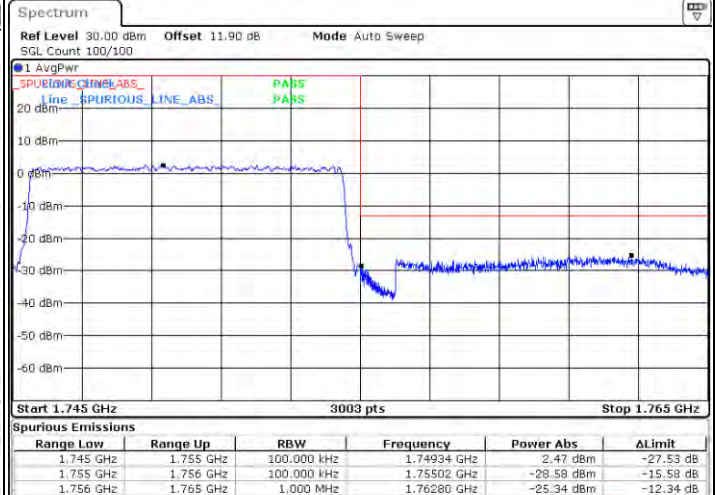


LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / Full RB

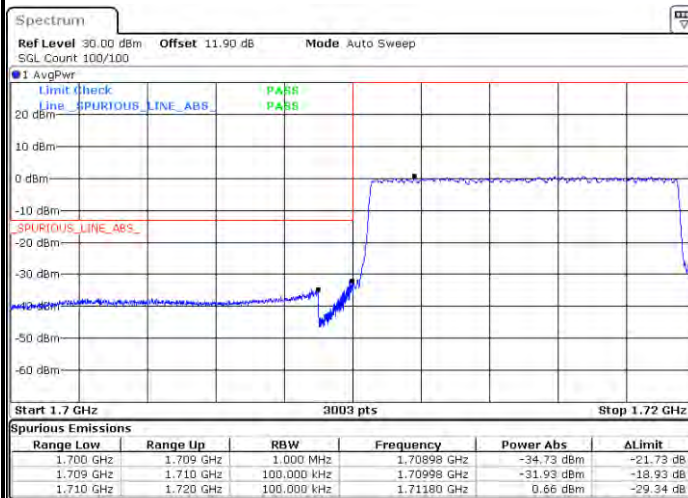


Highest Band Edge / Full RB

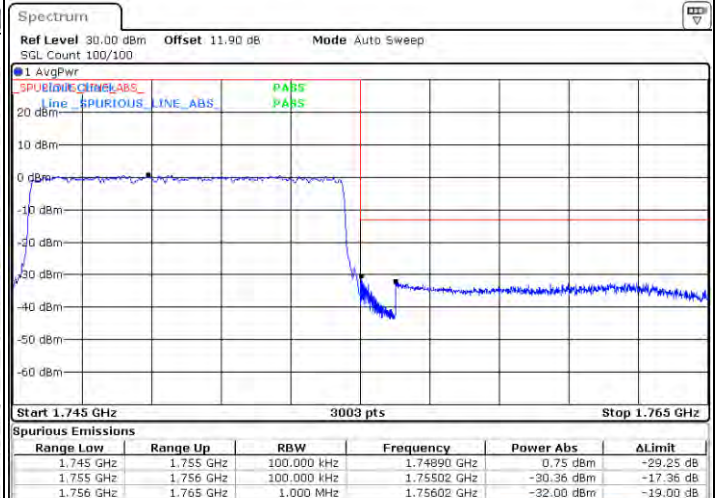


LTE Band 4 / 10MHz / 256QAM

Lowest Band Edge / Full RB



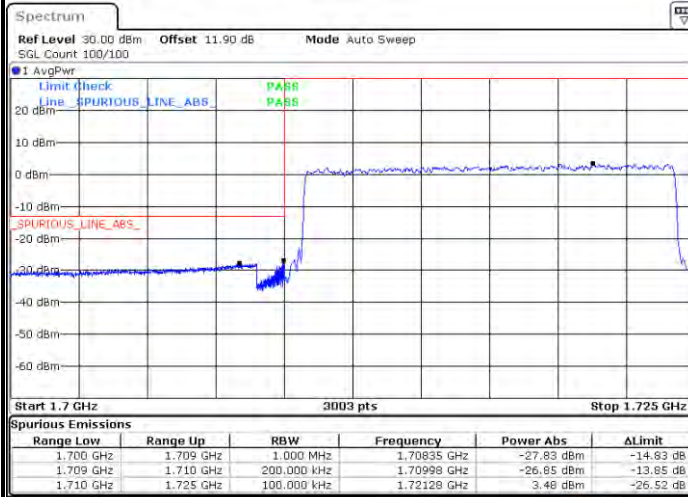
Highest Band Edge / Full RB





LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB

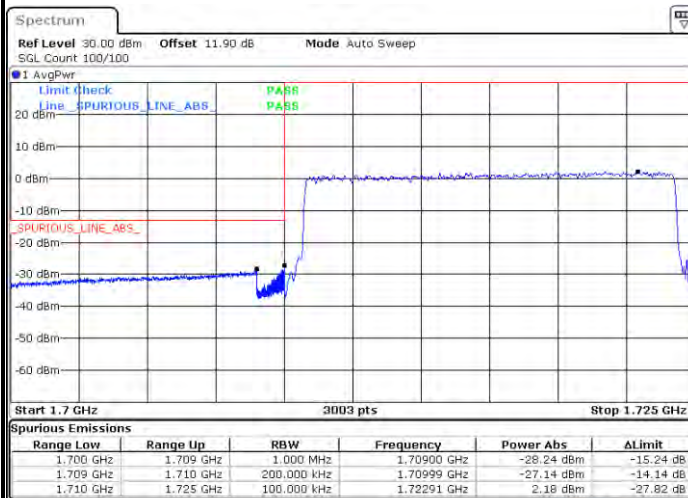


Highest Band Edge / Full RB



LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / Full RB



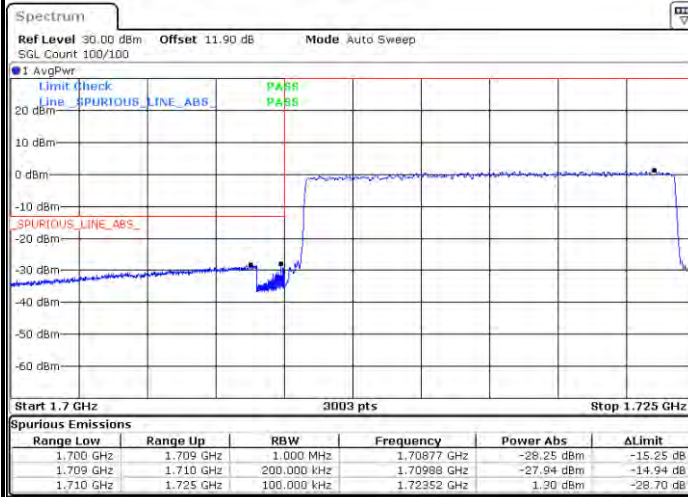
Highest Band Edge / Full RB





LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / Full RB

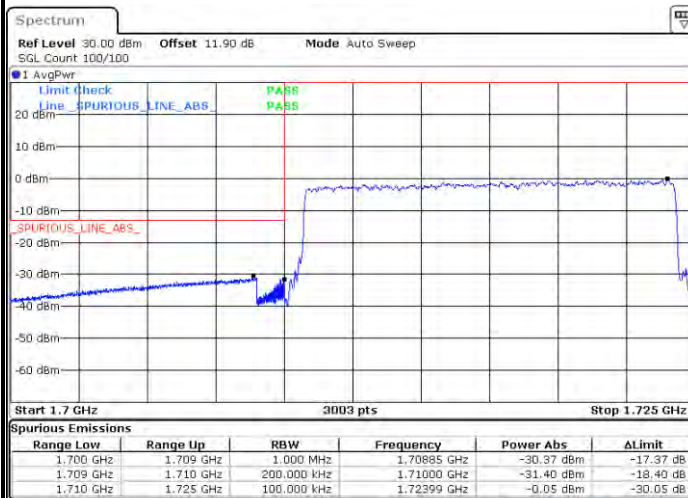


Highest Band Edge / Full RB



LTE Band 4 / 15MHz / 256QAM

Lowest Band Edge / Full RB



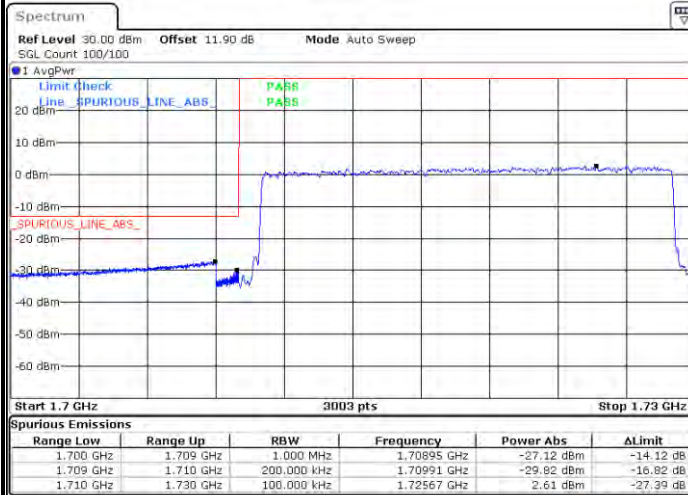
Highest Band Edge / Full RB



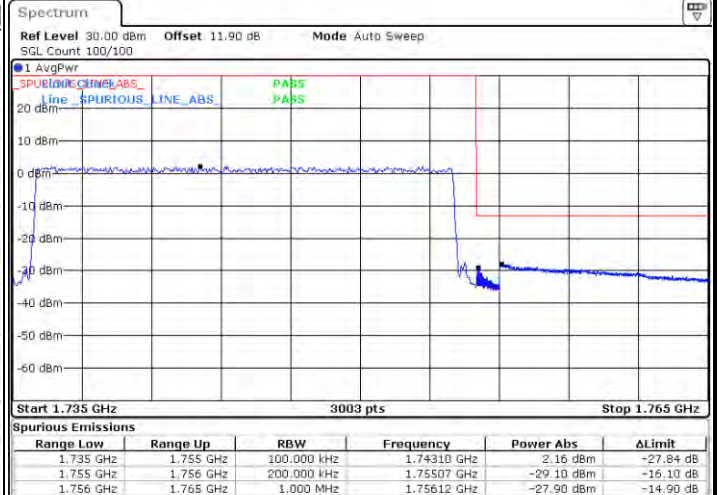


LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB

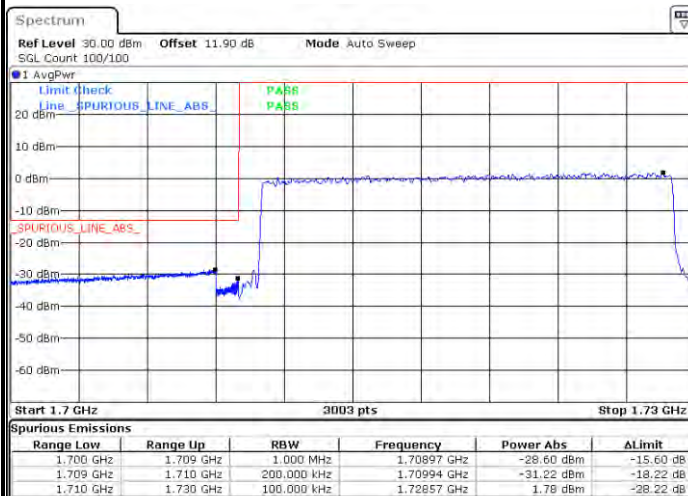


Highest Band Edge / Full RB

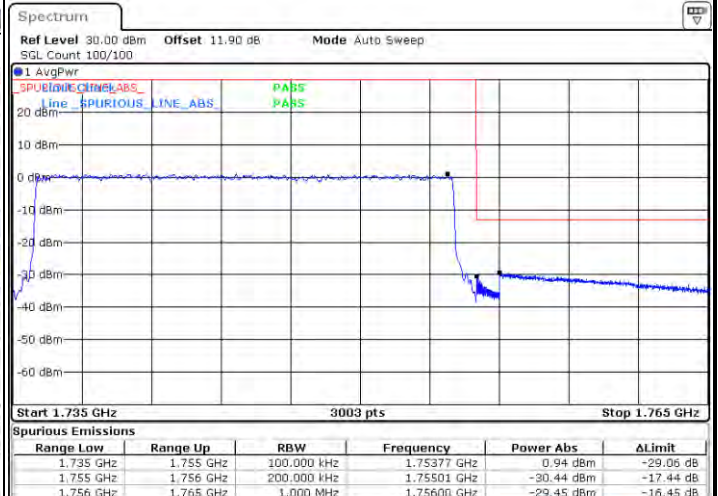


LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / Full RB



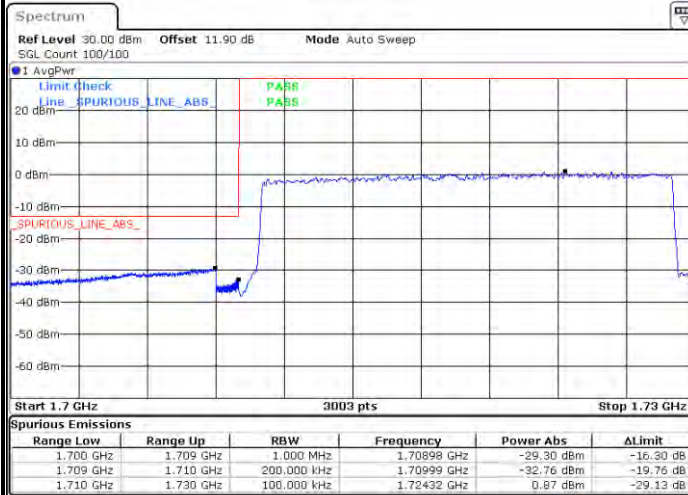
Highest Band Edge / Full RB



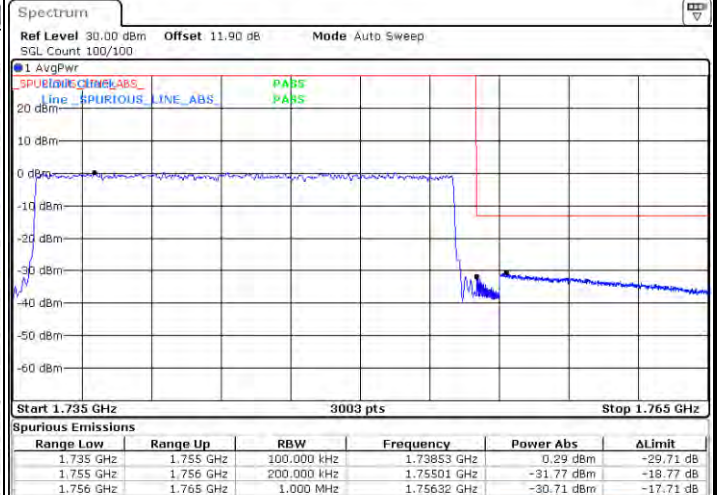


LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / Full RB

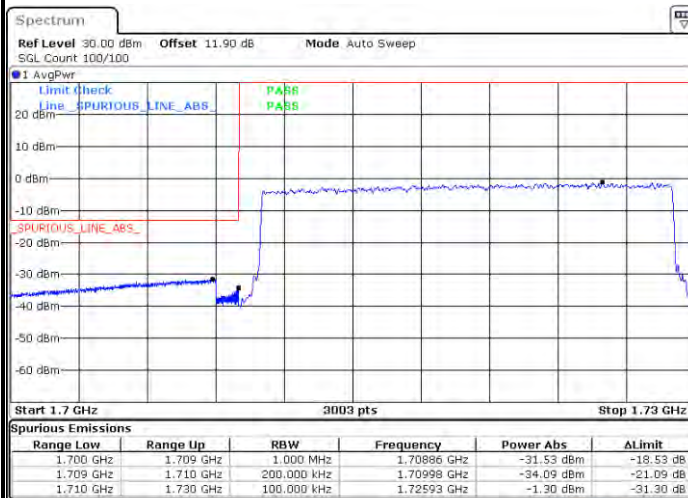


Highest Band Edge / Full RB



LTE Band 4 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

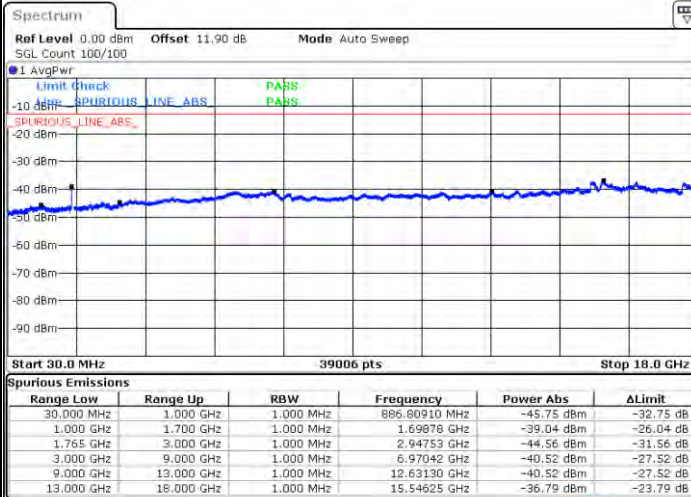




Conducted Spurious Emission

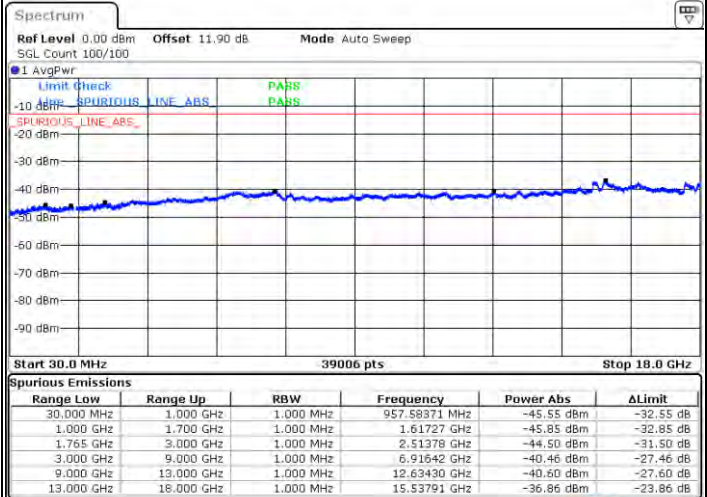
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



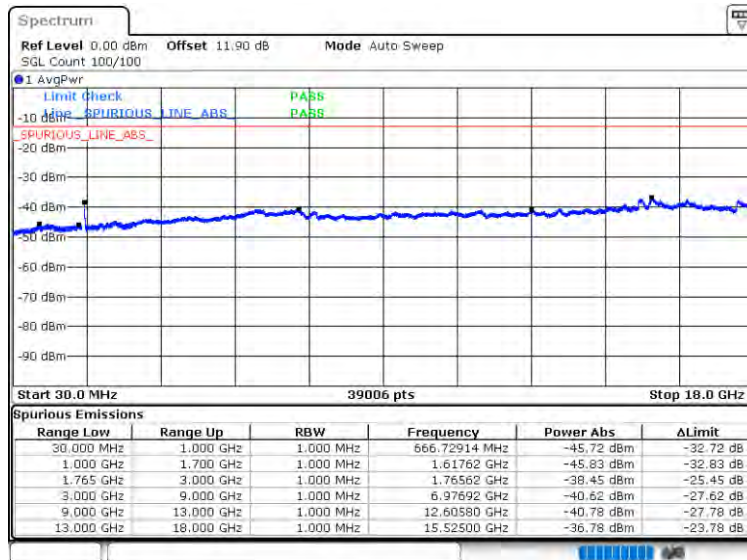
Date: 3.FEB.2025 14:47:22

Middle Channel / QPSK



Date: 3.FEB.2025 14:48:36

Highest Channel / QPSK

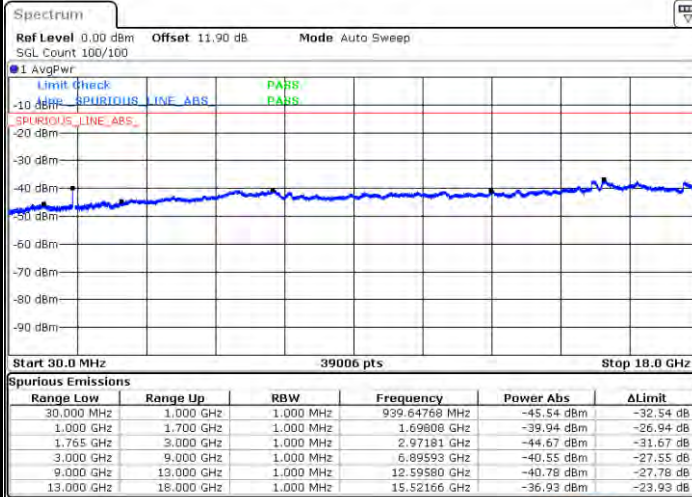


Date: 3.FEB.2025 14:49:51



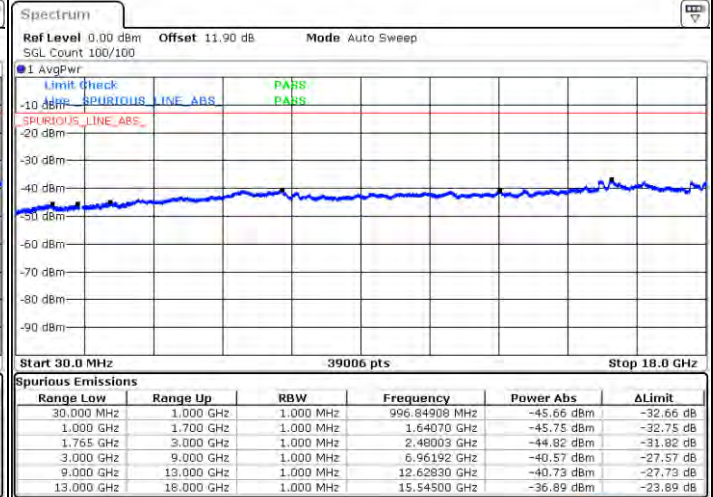
LTE Band 4 / 3MHz

Lowest Channel / QPSK



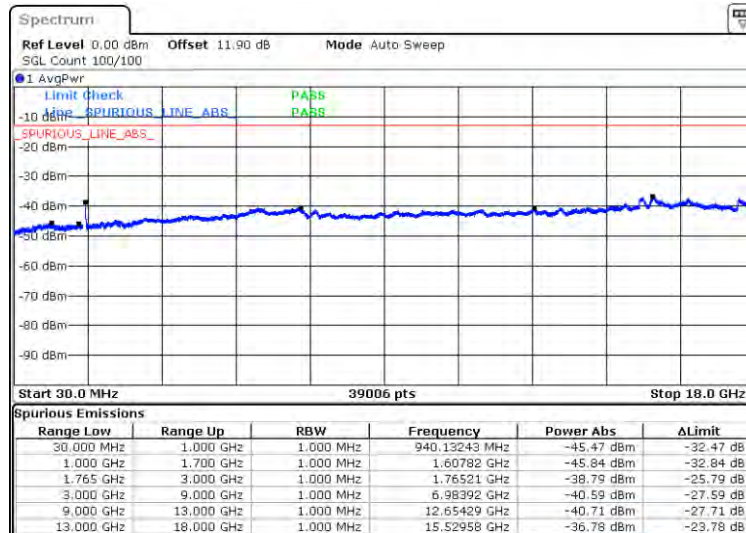
Date: 3.FEB.2025 14:51:49

Middle Channel / QPSK



Date: 3.FEB.2025 14:51:50

Highest Channel / QPSK

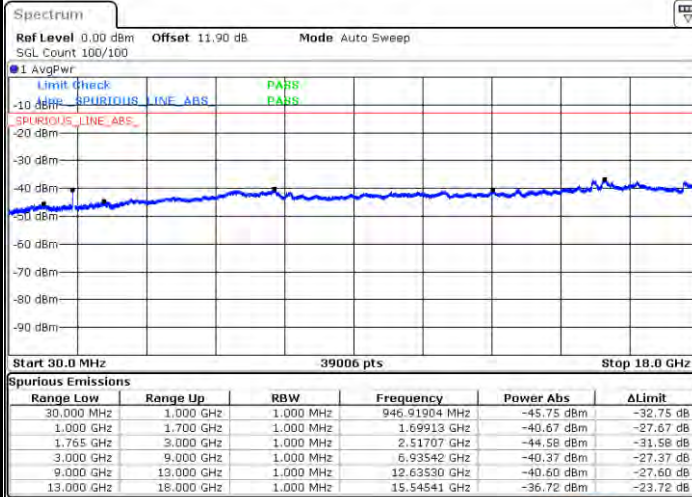


Date: 3.FEB.2025 14:54:18



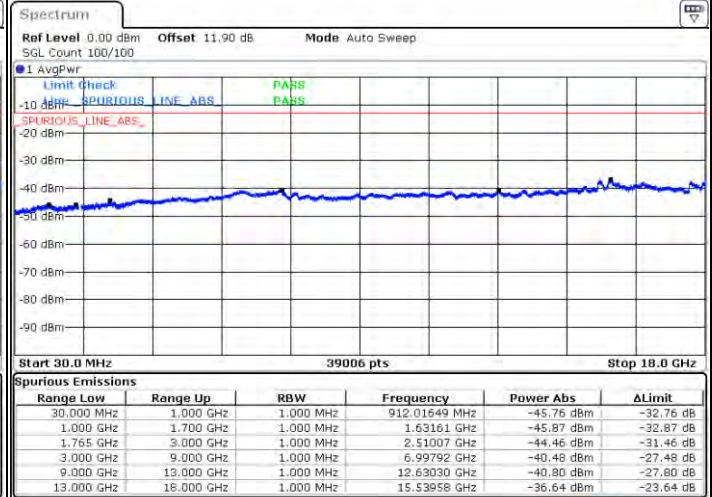
LTE Band 4 / 5MHz

Lowest Channel / QPSK



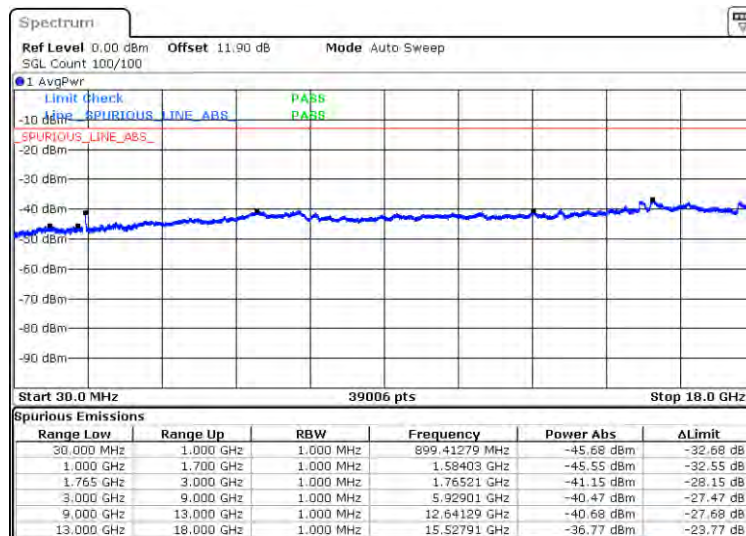
Date: 3.FEB.2025 14:55:39

Middle Channel / QPSK



Date: 3.FEB.2025 14:56:49

Highest Channel / QPSK

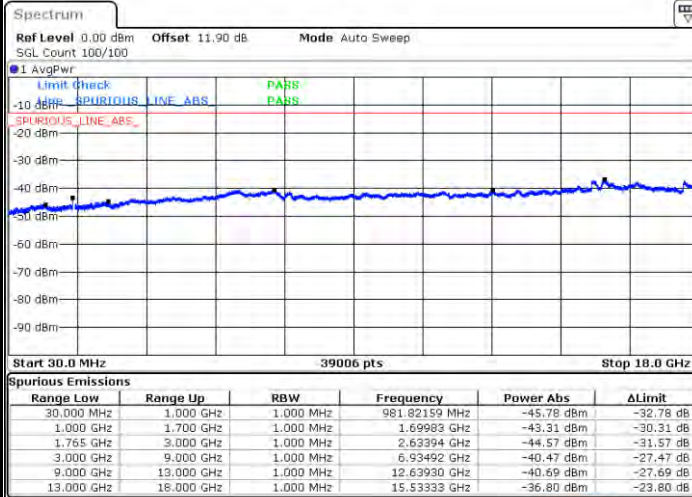


Date: 3.FEB.2025 14:58:06



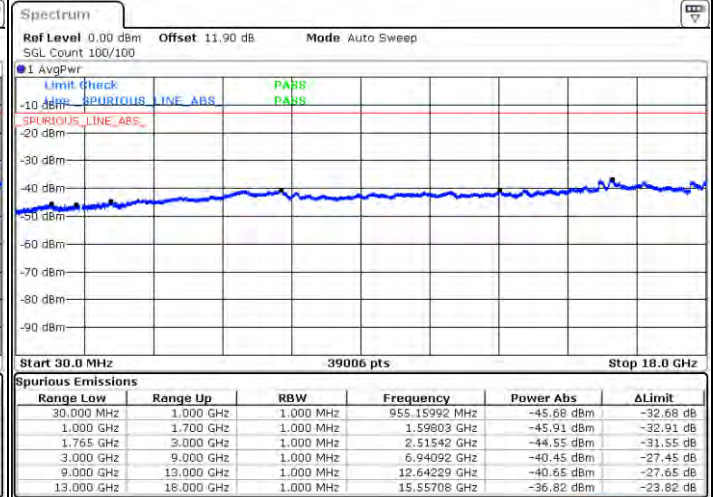
LTE Band 4 / 10MHz

Lowest Channel / QPSK



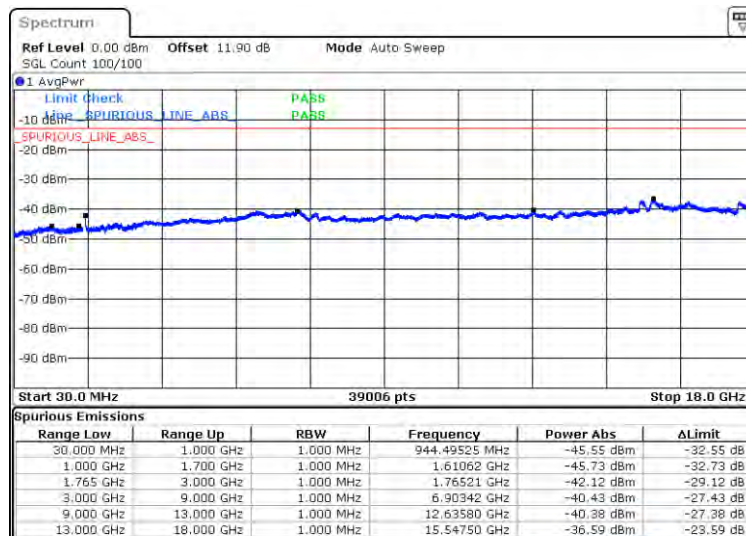
Date: 3.FEB.2025 15:00:02

Middle Channel / QPSK



Date: 3.FEB.2025 15:56:43

Highest Channel / QPSK

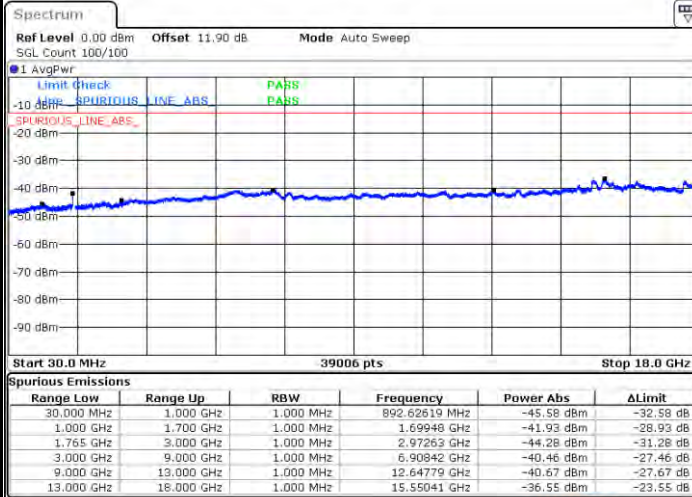


Date: 3.FEB.2025 15:57:58



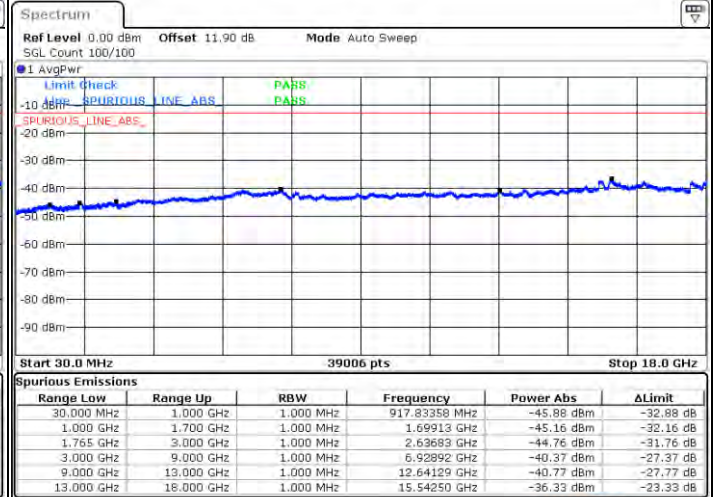
LTE Band 4 / 15MHz

Lowest Channel / QPSK



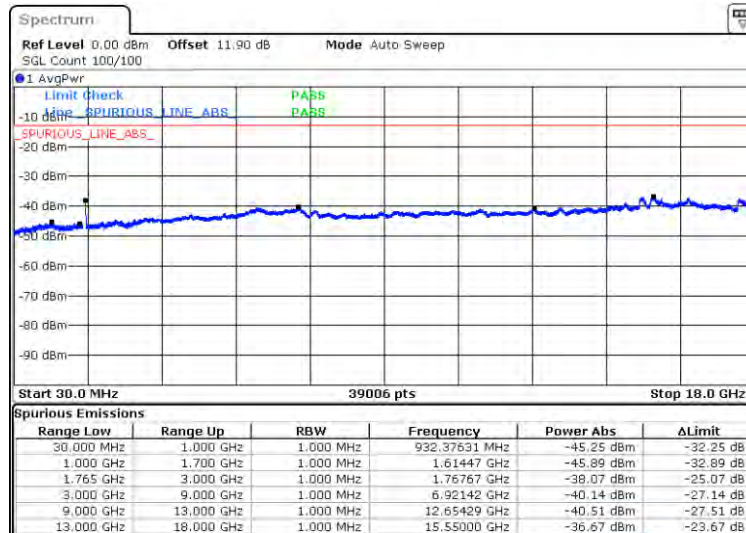
Date: 3.FEB.2025 15:59:14

Middle Channel / QPSK



Date: 3.FEB.2025 16:00:29

Highest Channel / QPSK

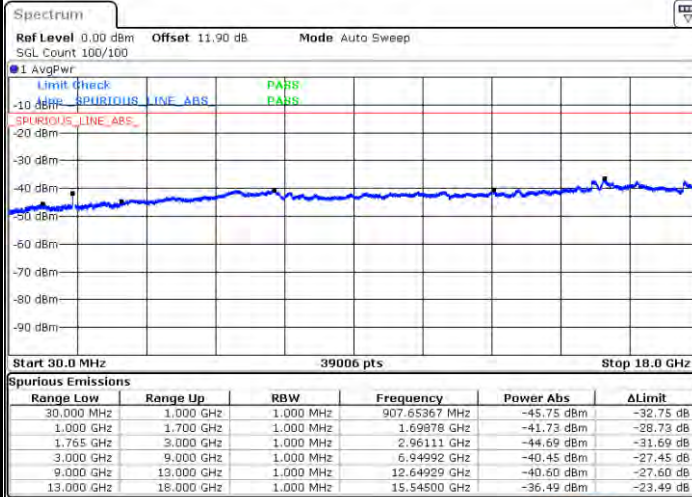


Date: 3.FEB.2025 16:01:43



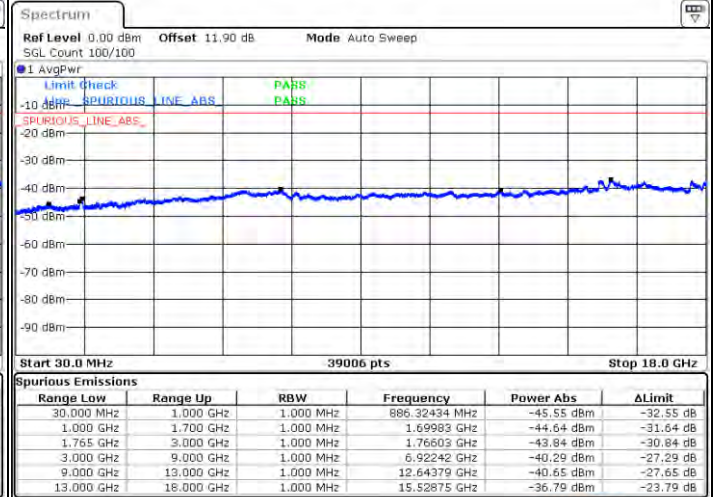
LTE Band 4 / 20MHz

Lowest Channel / QPSK



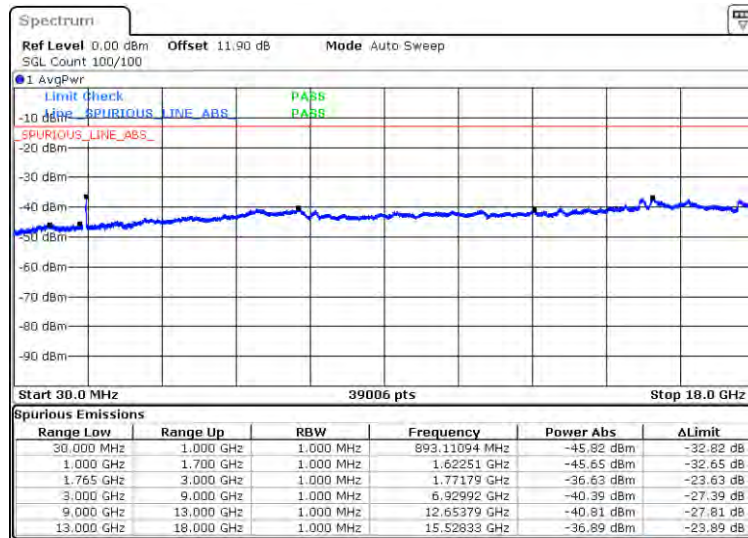
Date: 3.FEB.2025 16:01:41

Middle Channel / QPSK



Date: 3.FEB.2025 16:04:56

Highest Channel / QPSK



Date: 3.FEB.2025 16:06:10

Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

Note:

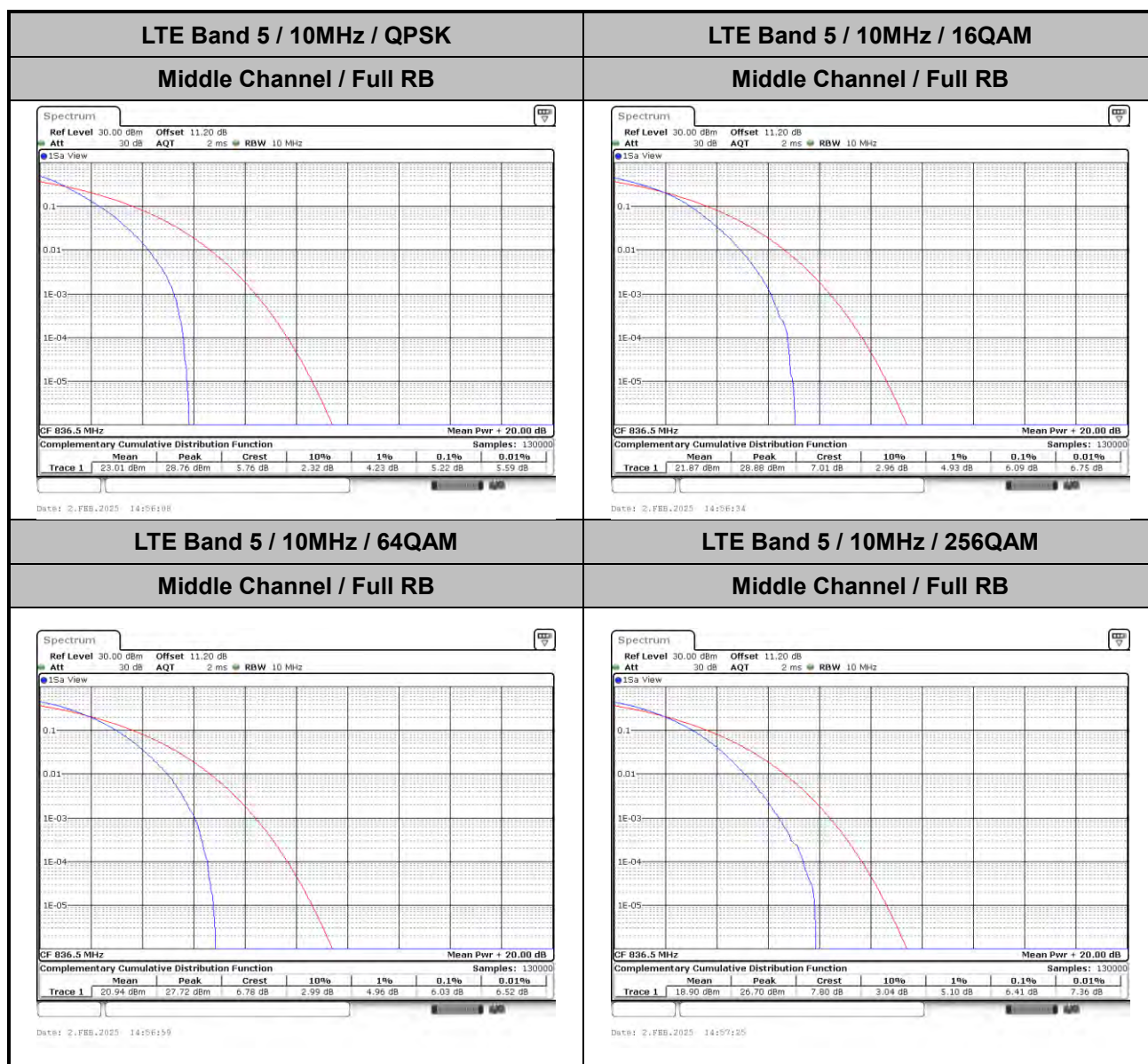
1. Normal Voltage = 3.89 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.22	6.09	6.03	6.41	PASS



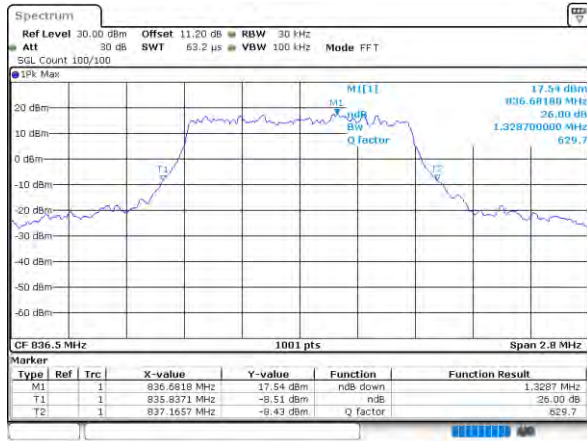
**26dB Bandwidth**

Mode	LTE Band 5 : 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	1.32	1.35	3.11	3.12	5.14	5.10	9.85	10.11	-	-	-	-
Mode	LTE Band 5 : 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	1.23	1.30	3.05	3.14	4.84	5.02	10.31	10.05	-	-	-	-

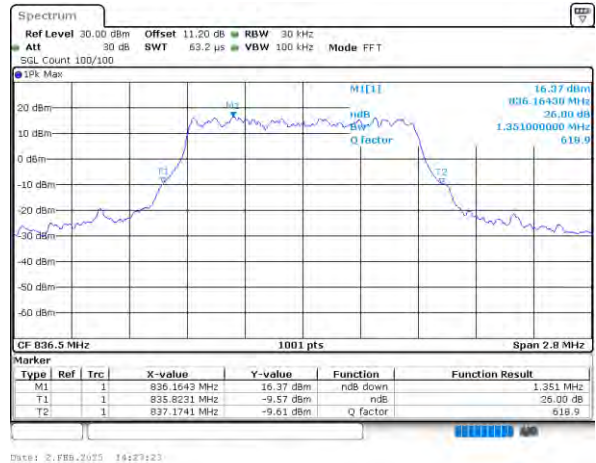


LTE Band 5

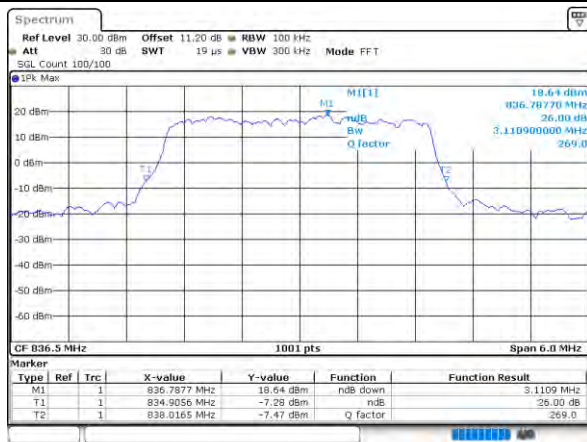
Middle Channel / 1.4MHz / QPSK



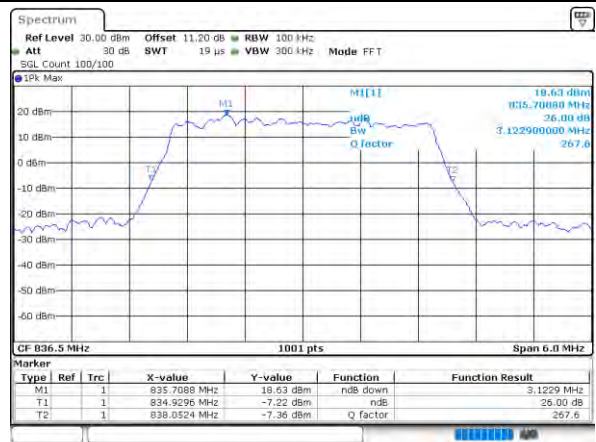
Middle Channel / 1.4MHz / 16QAM



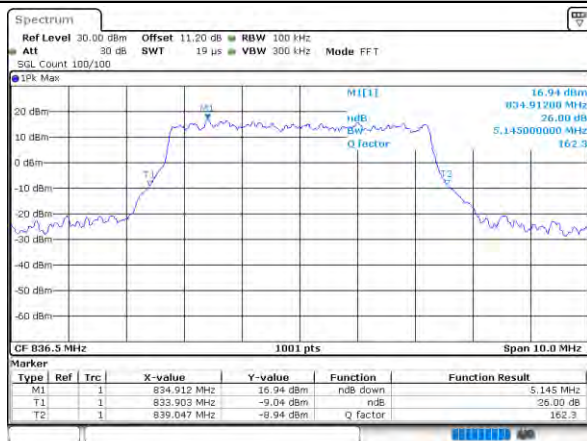
Middle Channel / 3MHz / QPSK



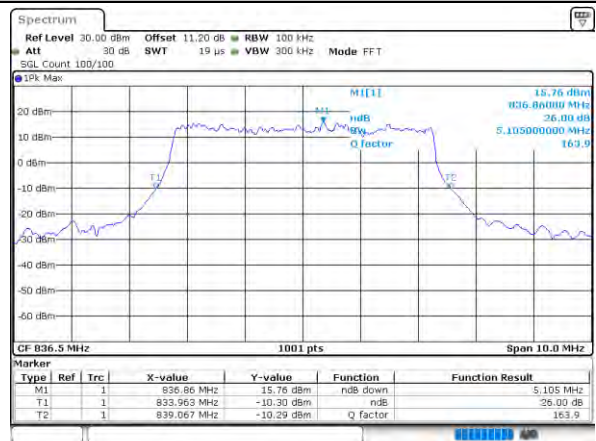
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



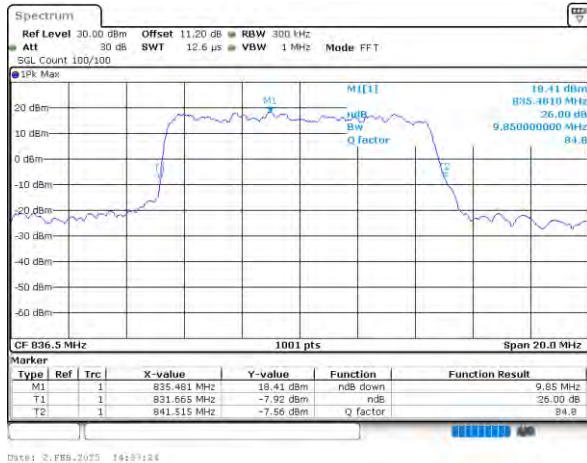
Middle Channel / 5MHz / 16QAM



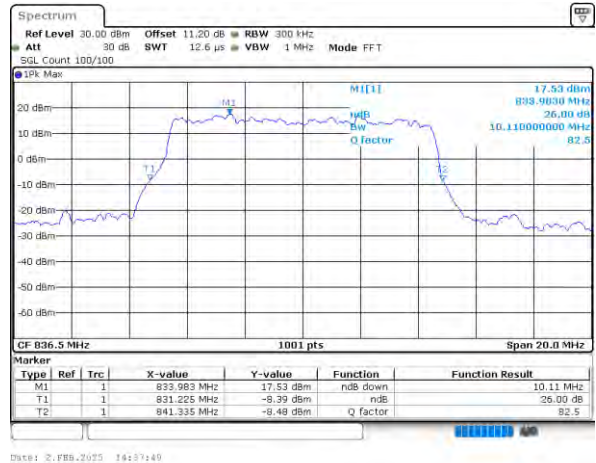


LTE Band 5

Middle Channel / 10MHz / QPSK

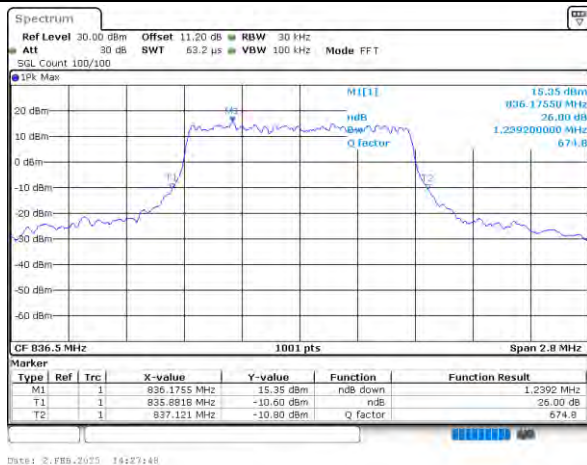


Middle Channel / 10MHz / 16QAM

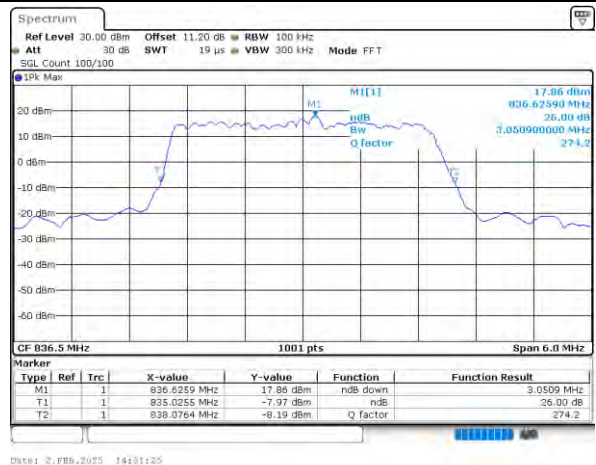


LTE Band 5

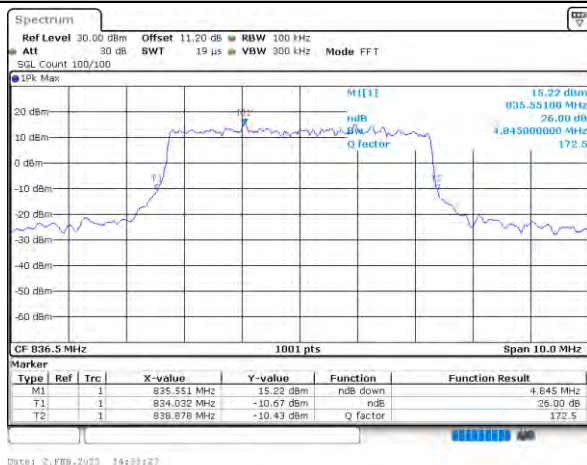
Middle Channel / 1.4MHz / 64QAM



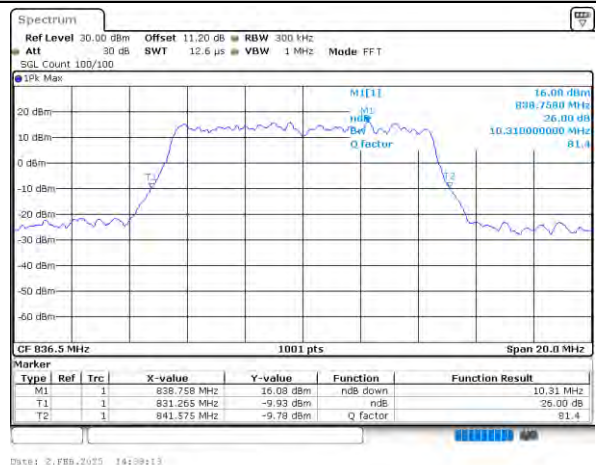
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



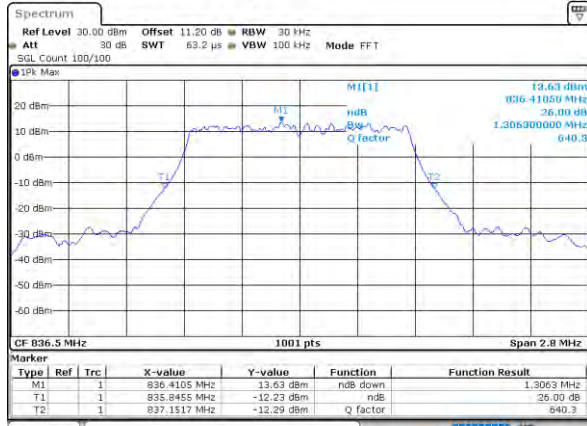
Middle Channel / 10MHz / 64QAM



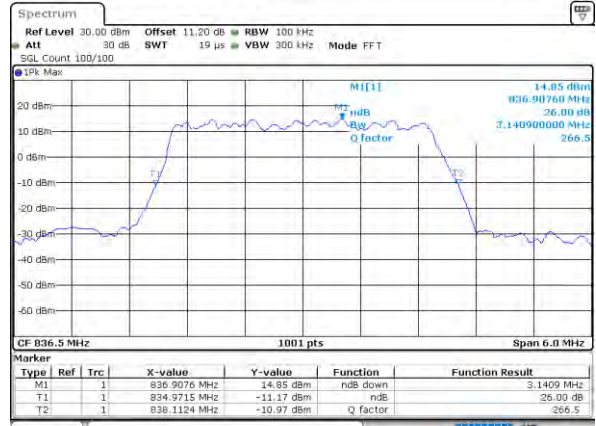


LTE Band 5

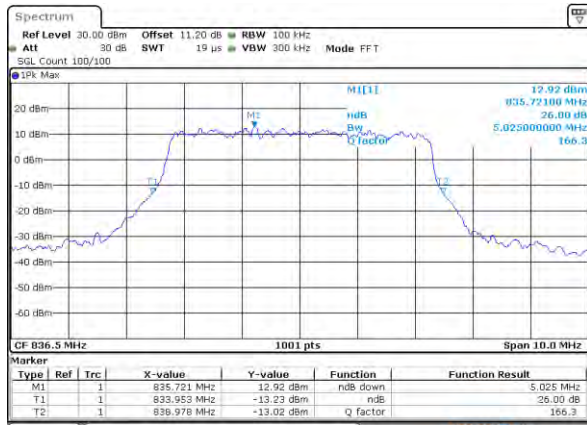
Middle Channel / 1.4MHz / 256QAM



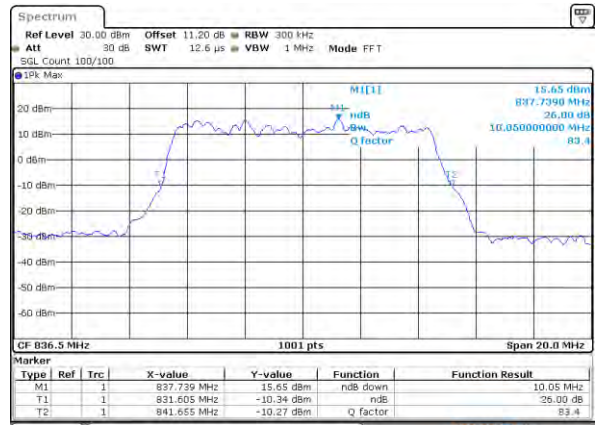
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM



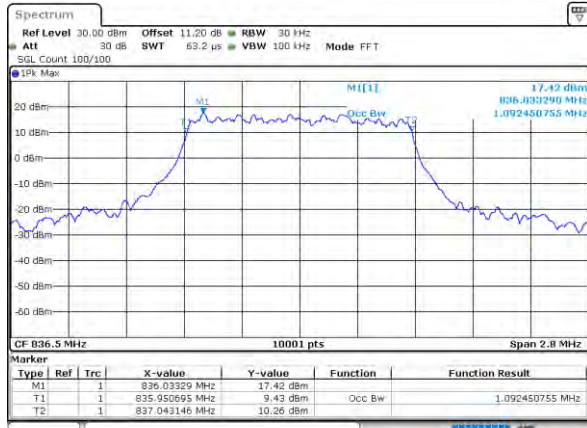
**Occupied Bandwidth**

Mode	LTE Band 5 : 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	2.72	2.72	4.51	4.52	9.06	9.04	-	-	-	-
Mode	LTE Band 5 : 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	1.09	2.73	2.72	4.50	4.48	9.01	9.05	-	-	-	-



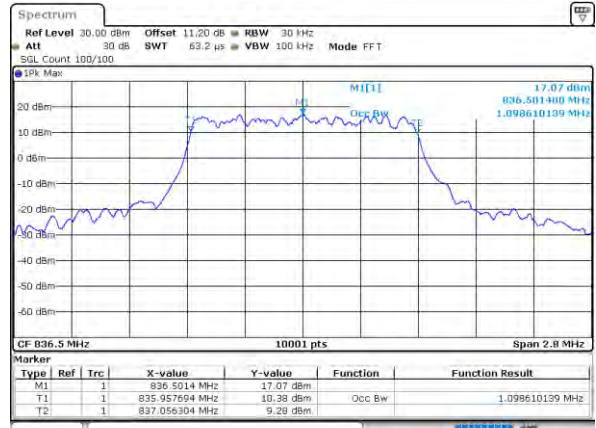
LTE Band 5

Middle Channel / 1.4MHz / QPSK



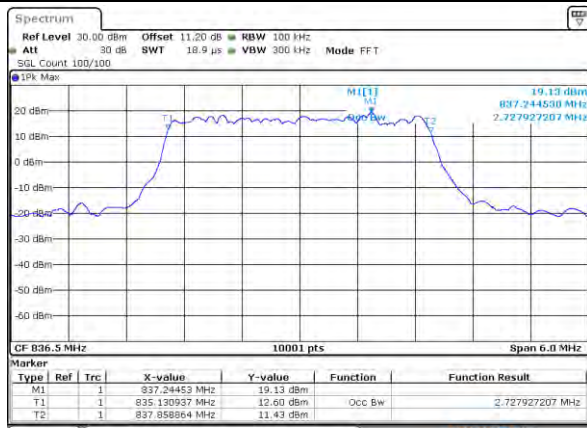
Date: 2.FEB.2025 14:09:44

Middle Channel / 1.4MHz / 16QAM



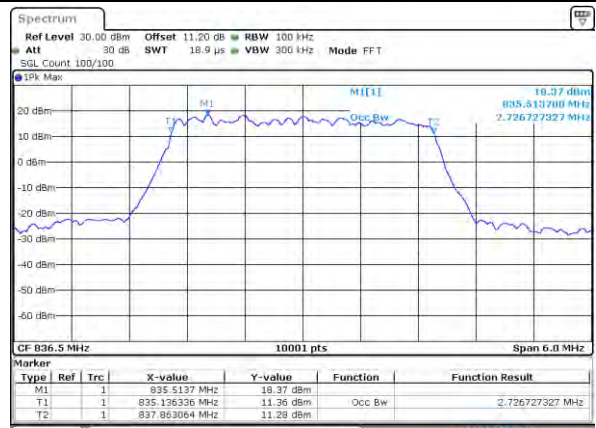
Date: 2.FEB.2025 14:09:49

Middle Channel / 3MHz / QPSK



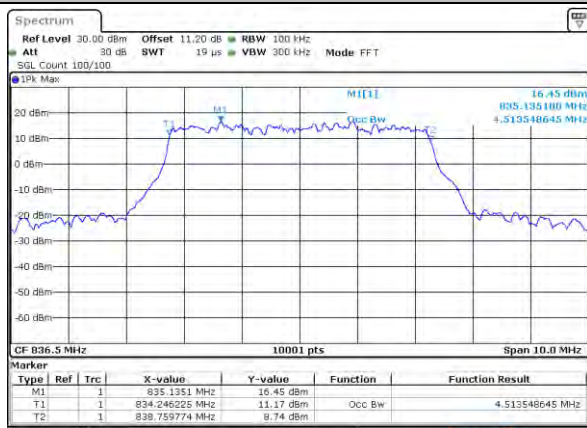
Date: 2.FEB.2025 14:10:06

Middle Channel / 3MHz / 16QAM



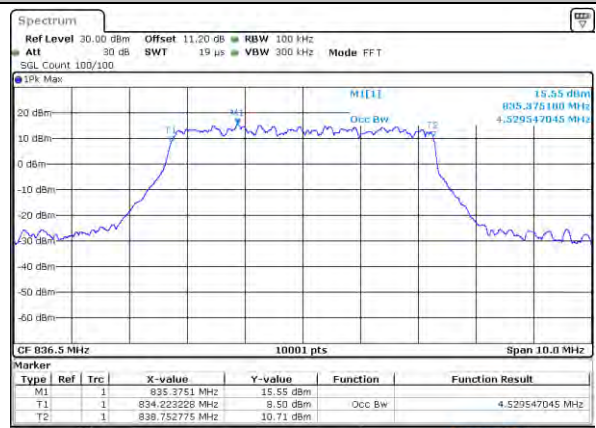
Date: 2.FEB.2025 14:10:32

Middle Channel / 5MHz / QPSK



Date: 2.FEB.2025 14:20:10

Middle Channel / 5MHz / 16QAM

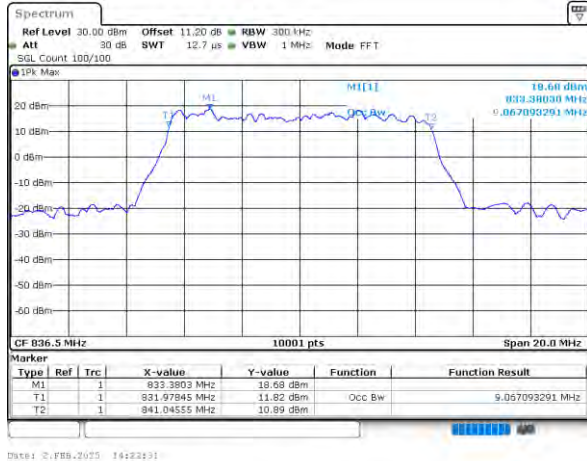


Date: 2.FEB.2025 14:20:34

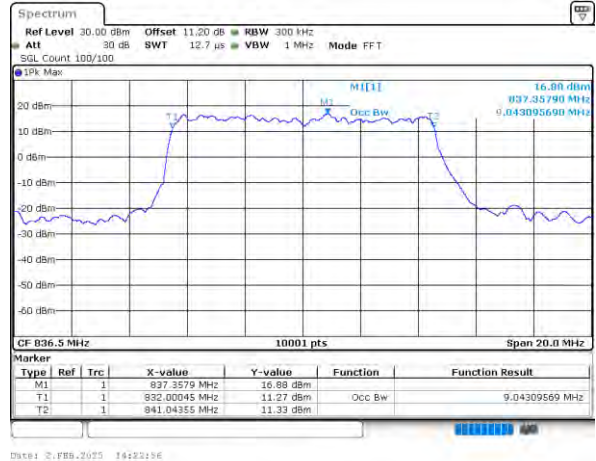


LTE Band 5

Middle Channel / 10MHz / QPSK

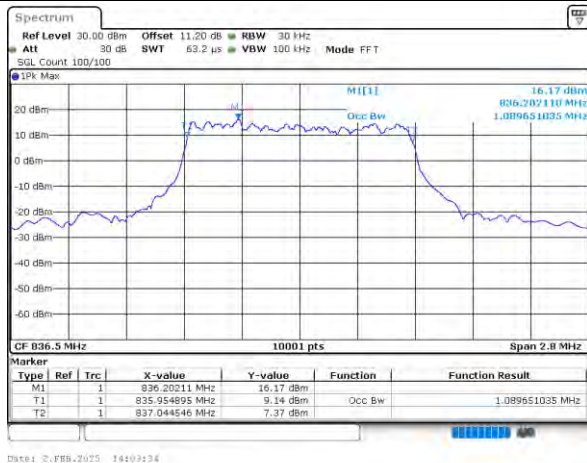


Middle Channel / 10MHz / 16QAM

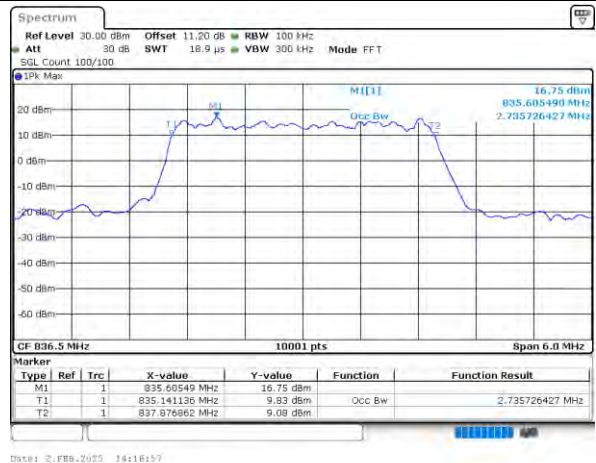


LTE Band 5

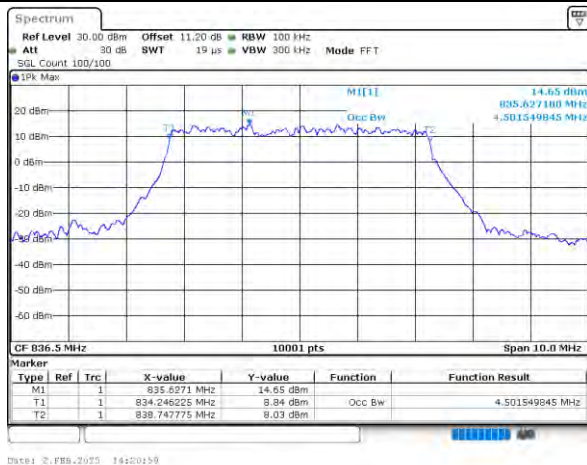
Middle Channel / 1.4MHz / 64QAM



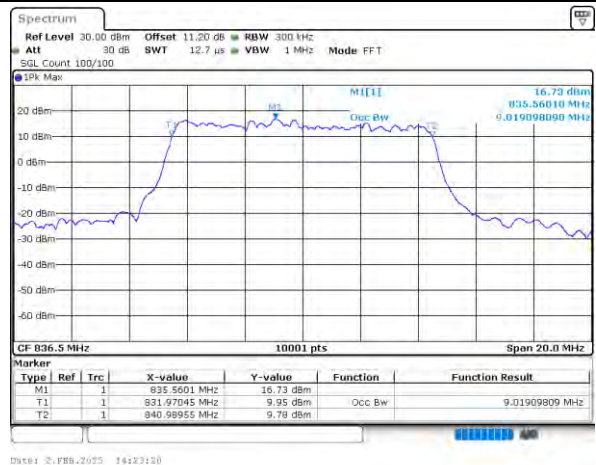
Middle Channel / 3MHz / 64QAM



Middle Channel / 5MHz / 64QAM



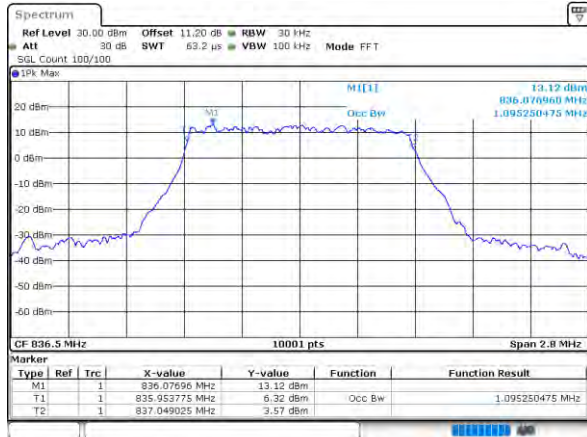
Middle Channel / 10MHz / 64QAM



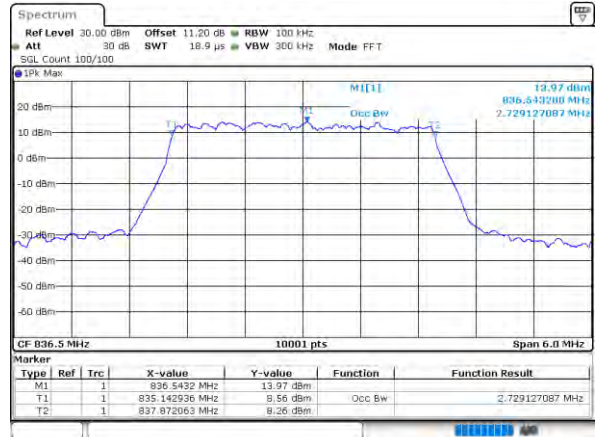


LTE Band 5

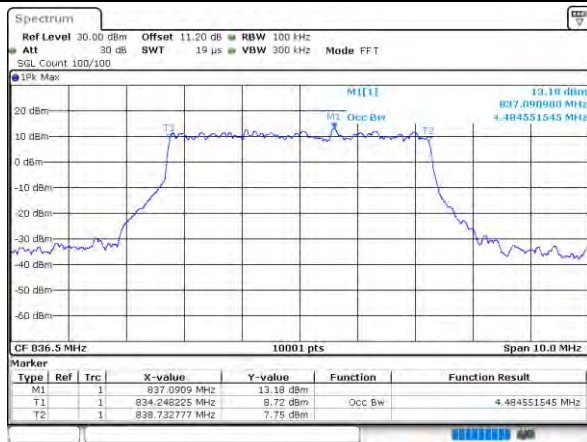
Middle Channel / 1.4MHz / 256QAM



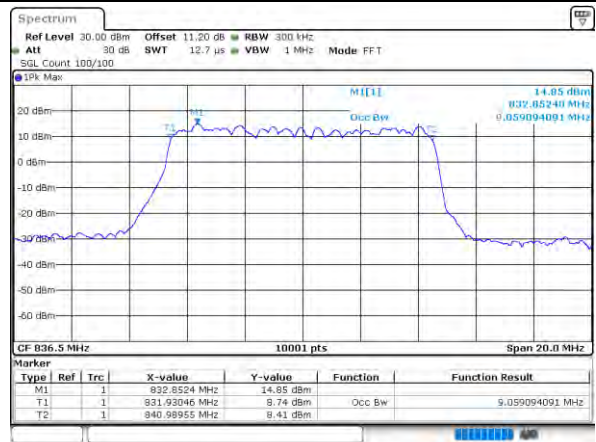
Middle Channel / 3MHz / 256QAM



Middle Channel / 5MHz / 256QAM



Middle Channel / 10MHz / 256QAM





Conducted Band Edge

LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



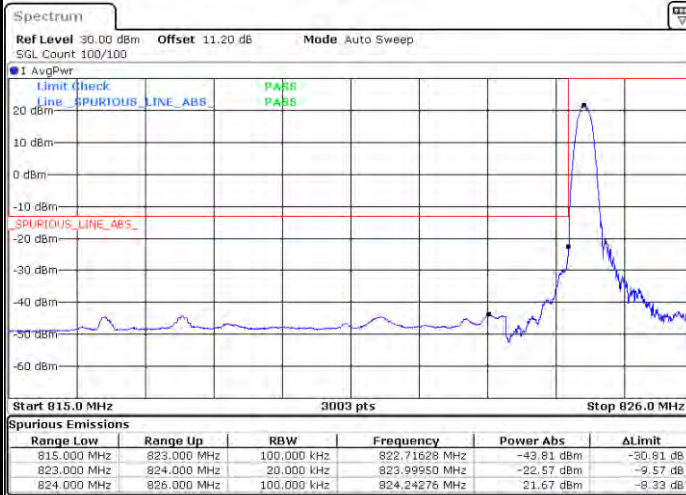
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 16QAM

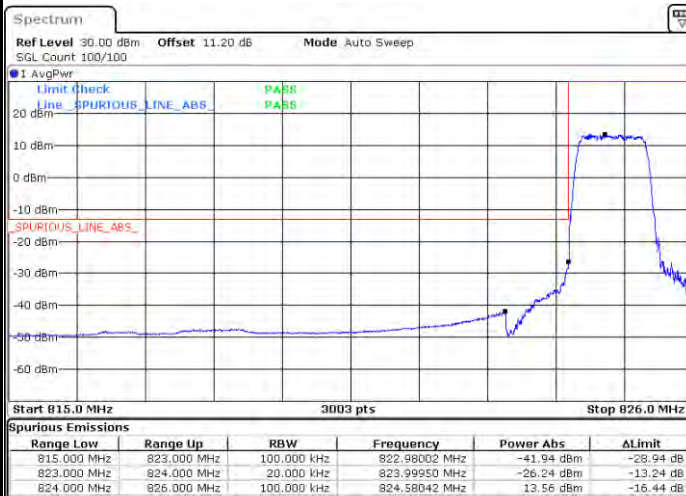
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



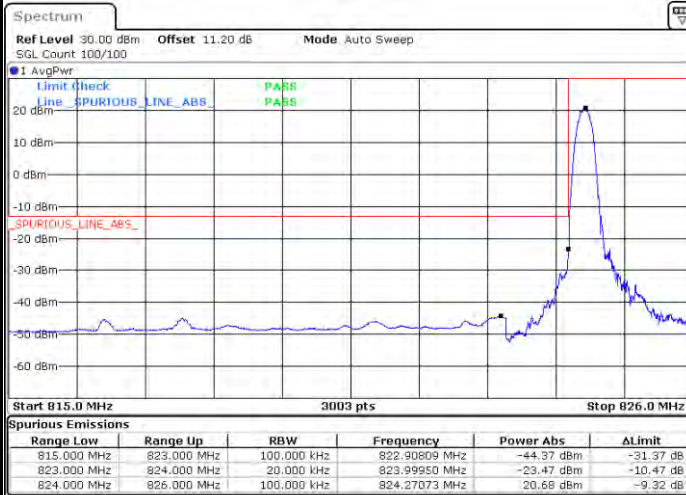
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 64QAM

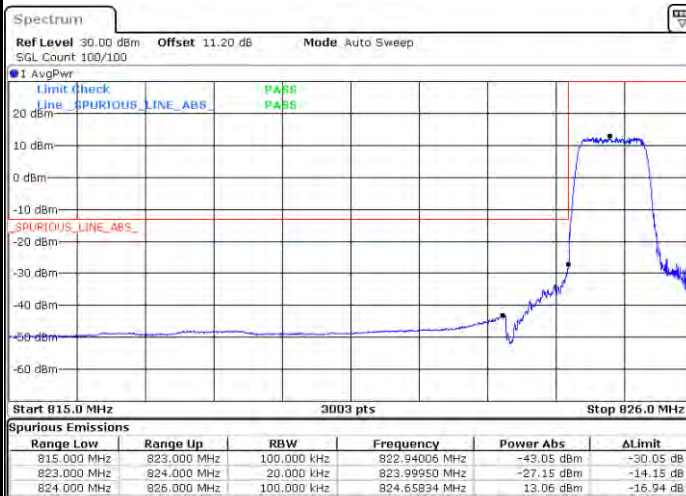
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



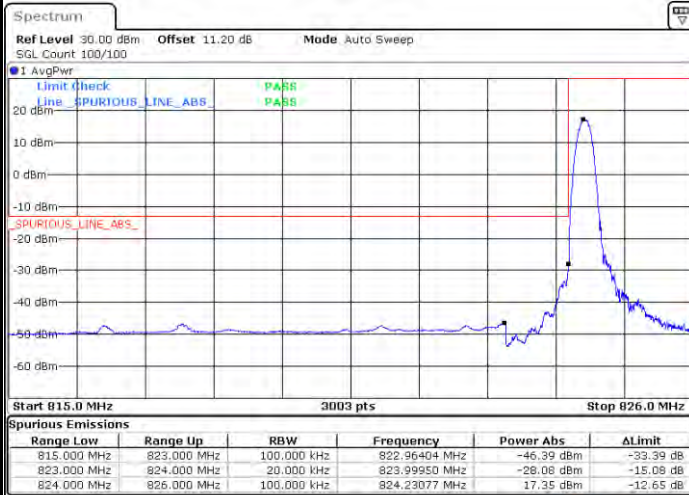
Highest Band Edge / Full RB





LTE Band 5 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

