



FCC RADIO TEST REPORT

FCC ID : A4RG4QUR
Equipment : Phone
Model Name : G4QUR
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : FCC 47 CFR Part 2, 22(H), 24(E), 27,
Part 90(R), Part 90(S)

The product was received on Nov. 29, 2024 and testing was performed from Dec. 30, 2024 to Mar. 07, 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
FG4N0917B	01	Initial issue of report	Apr. 10, 2025
FG4N0917B	02	Revise appendix A This report is an updated version, replacing the report issued on Apr. 10, 2025.	Apr. 30, 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:

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

Reviewed by: William Chen**Report Producer: Lucy Wu**



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>: IFA Antenna <Ant. 5>: IFA Antenna

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

EUT Information List	
S/N	Performed Test Item
4B161FDCH00043 4B161FDCH00044	Conducted Measurement ERP/EIRP
4B181FDCH0004F 4C311FDCH000HL	Radiated Spurious Emission

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



Antenna information						
Band	Ant0	Ant1	Ant2	Ant5	Main Ant. #	Sub Ant. #
B5	-1.3	-3.2			0	1
B12	-2.1	-4.7			0	1
B13	-1.2	-2.9			0	1
B14	-1.2	-3.2			0	1
B17	-2.1	-4.7			0	1
B26	-1.3	-2.7			0	1
B71	-2.3	-4.9			0	1
B2	2.9		0.3		2	0
ENDC B2		0.2		1.7	1	5
B4	2.4		0.8		2	0
ENDC B4		-2.4		1.6	1	5
B7	2.6		1.6		2	0
B25	2.9		0.3		2	0
ENDC B25		0.4		1.7	1	5
B30	2.6		1.5		2	0
B38	2.7		2.1		2	0
B41	3.1		2.1		2	0
B66	2.4		0.8		2	0
ENDC B66		-1.0		1.6	1	5

Remark:

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Wei Shun Hung	Jesse Wang, Stan Hsieh and Ken Wu
Temperature (°C)	22.4~22.9	17.5~25.9
Relative Humidity (%)	53.1~55.7	46.2~63.8

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

Plane	Main Antenna	Sub Antenna
B5B	X with adapter	X with adapter
B7	Z with adapter	Y with adapter
B7C	Z with adapter	Z with adapter
B12	Z with adapter	Y with adapter
B13	X with adapter	X with adapter
B14	Z with adapter	Y with adapter
B25	Y with adapter	X with adapter
B26 (22H)	Y with adapter	Y with adapter
B26 (90S)	Y with adapter	Z with adapter
B30	Y with adapter	Z with adapter
B41	Y with adapter	Y with adapter
B41C	Y with adapter	Y with adapter
B66	X with adapter	Z with adapter
B66B	Z with adapter	Z with adapter
B71	Z with adapter	Y with adapter



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

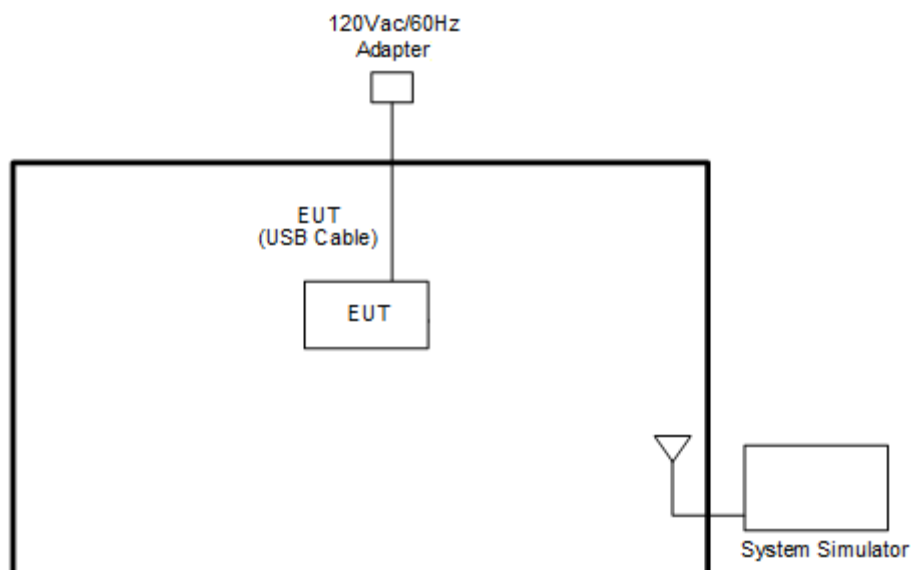
Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
PAR	A, B, C, D	20 MHz or less	Full	M
Bandwidth	A, B, C, D	All	Full	M
CBE, Mask (Part 90)	A, B, C, D	Minimum	1RB	L, M, H
		All	Full	
CSE	A	Minimum	1RB	L, M, 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 2.

2.2 Connection Diagram of Test System

<EUT with Adapter>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	AC Adapter	N/A	GW8L7	N/A	N/A	N/A

2.4 Measurement Results Explanation Example

For all conducted test items:

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

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

Offset = RF cable loss + attenuator factor.

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

Example :

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



2.5 Frequency List of Low/Middle/High Channels

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

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



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

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

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



LTE Band 13 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23230	-
	Frequency	-	782	-
5	Channel	23205	23230	23255
	Frequency	779.5	782	784.5
LTE Band 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5
LTE Band 17 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23780	23790	23800
	Frequency	709	710	711
5	Channel	23755	23790	23825
	Frequency	706.5	710	713.5
LTE Band 25 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	26140	26340	26590
	Frequency	1860	1880	1905
15	Channel	26115	26340	26615
	Frequency	1857.5	1880	1907.5
10	Channel	26090	26340	26640
	Frequency	1855	1880	1910
5	Channel	26065	26340	26665
	Frequency	1852.5	1880	1912.5
3	Channel	26055	26340	26675
	Frequency	1851.5	1880	1913.5
1.4	Channel	26047	26340	26683
	Frequency	1850.7	1880	1914.3



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

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

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



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

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

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



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

LTE Band 71 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	133222	133297	133372
	Frequency	673.0	680.5	688.0
15	Channel	133197	133297	133397
	Frequency	670.5	680.5	690.5
10	Channel	133172	133272	133422
	Frequency	668.0	678	693.0
5	Channel	133147	133297	133447
	Frequency	665.5	680.5	695.5



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



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



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



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



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



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



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



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

3 Conducted Test Items

3.1 Measuring Instruments

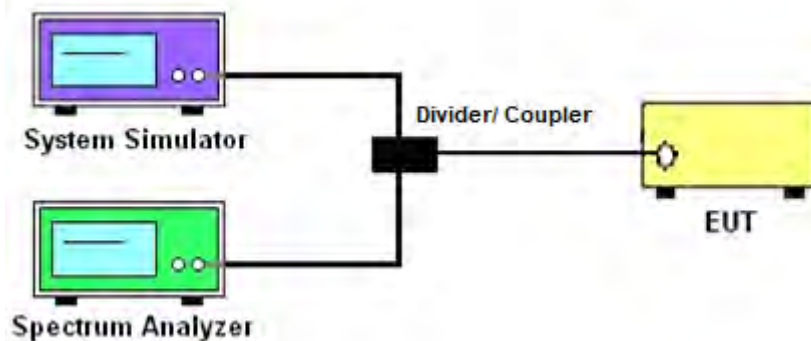
See list of measuring instruments of this test report.

3.1.1 Test Setup

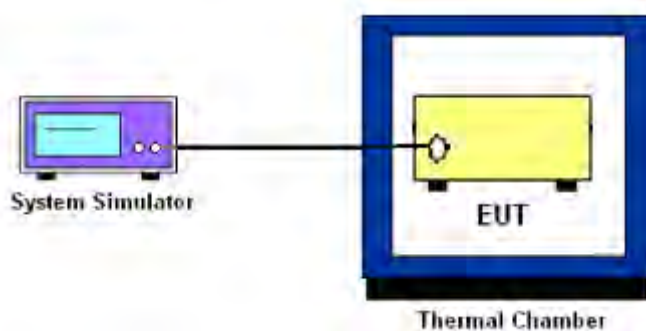
3.1.2 Conducted Output Power



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



3.1.4 Frequency Stability



3.1.5 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and ERP/EIRP

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

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

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5, Band 26 (Part 22H)

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

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

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

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

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

According to KDB 412172 D01 Power Approach,

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

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

3.2.2 Test Procedures

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



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

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

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

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



3.4 Occupied Bandwidth

3.4.1 Description of Occupied Bandwidth Measurement

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

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

3.4.2 Test Procedures

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

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



3.5 Conducted Band Edge

3.5.1 Description of Conducted Band Edge Measurement

22.917(a)

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

24.238 (a)

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

27.53 (c)

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

27.53 (g)

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

27.53 (h)

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

**27.53(m)(4)**

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

27.53 (a)(4)

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

- (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz.
- (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz.
- (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz.

90.543(e)

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



3.5.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

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



3.6 Emission Mask

3.6.1 Description of Emissions Mask Measurement

For LTE Band 14

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

For LTE Band 26

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

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

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

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



3.6.2 Test Procedures

For LTE Band 14

The testing follows FCC KDB 971168 D01 v03r01 Section 6.0.

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

For LTE Band 26

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



3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

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

For LTE Band 30

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

For LTE Band 7, 38, 41

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

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

3.7.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. The limit line is derived from $43 + 10 \log(P)$ dB below the transmitter power P(Watts)

For LTE Band 30

The limit line is derived from $70 + 10 \log(P)$ dB below the transmitter power P(Watts)

For LTE Band 7, 38, 41

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



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

24.235 , 27.54,

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

22.355

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

90.593

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

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

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

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

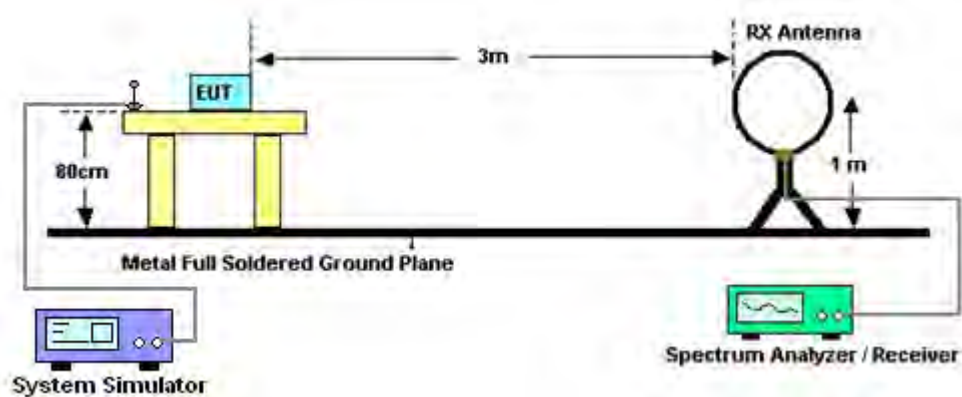
4 Radiated Test Items

4.1 Measuring Instruments

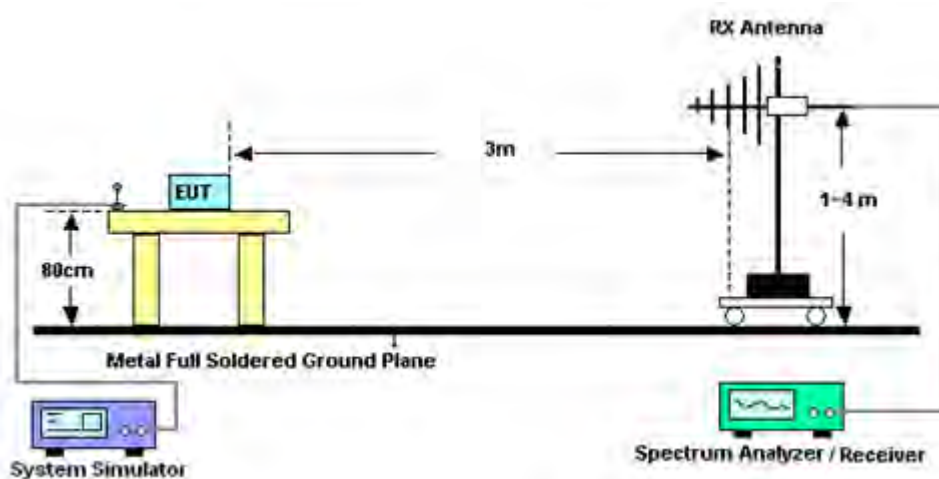
See list of measuring instruments of this test report.

4.1.1 Test Setup

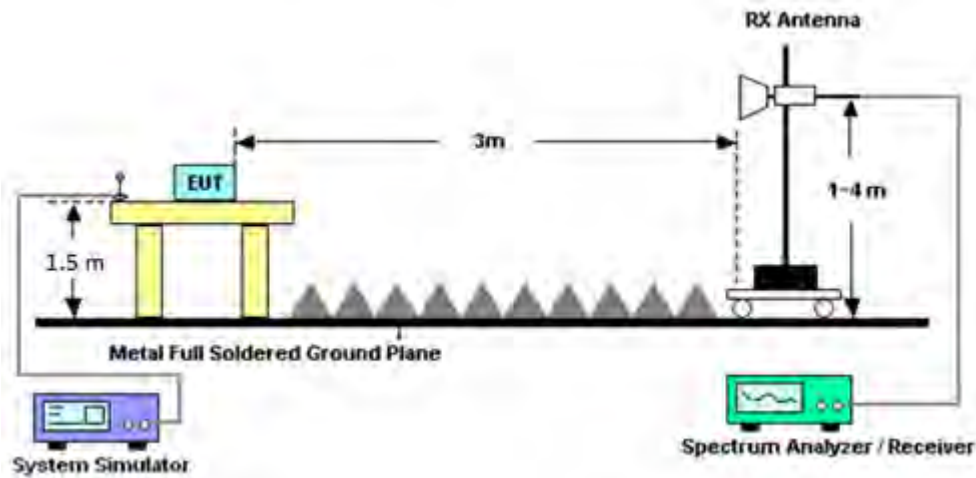
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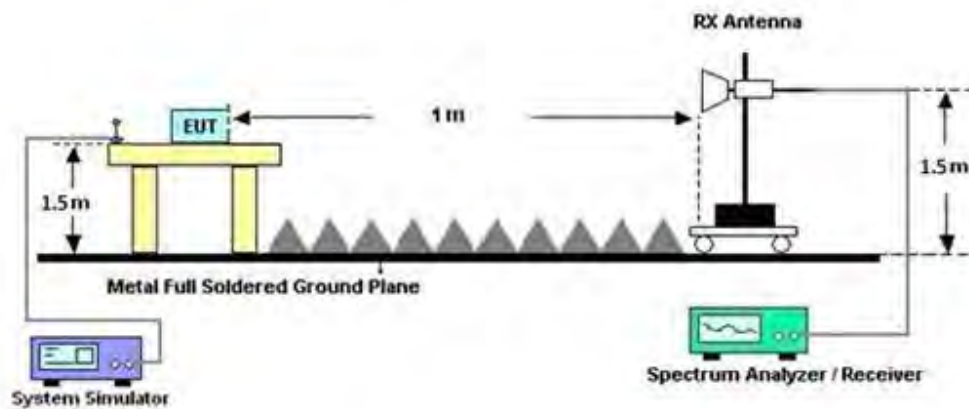
For radiated test from 30MHz to 1GHz



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. $Field\ Strength\ Level(dBm) = Spectrum\ Reading(dBm) + Antenna\ Factor + Cable\ Loss + Read\ Level - Preamplifier\ Factor$.
8. $ERP(dBm) = EIRP(dBm) - 2.15$
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 22, 2024	Dec. 30, 2024~ Jan. 22, 2025	Apr. 21, 2025	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Dec. 30, 2024~ Jan. 22, 2025	Feb. 22, 2025	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Nov. 28, 2024	Dec. 30, 2024~ Jan. 22, 2025	Nov. 27, 2025	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 19, 2024	Dec. 30, 2024~ Jan. 22, 2025	Apr. 18, 2025	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 01, 2024	Dec. 30, 2024~ Jan. 22, 2025	Sep. 30, 2025	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 23, 2024	Dec. 30, 2024~ Jan. 22, 2025	Mar. 22, 2025	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 05, 2024	Dec. 30, 2024~ Jan. 22, 2025	Aug. 04, 2025	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 26, 2024	Dec. 30, 2024~ Jan. 22, 2025	Mar. 25, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 21, 2024	Dec. 30, 2024~ Jan. 22, 2025	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 14, 2024	Dec. 30, 2024~ Jan. 22, 2025	Sep. 13, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 21, 2024	Dec. 30, 2024~ Jan. 22, 2025	Feb. 20, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	Dec. 30, 2024~ Jan. 22, 2025	Apr. 21, 2025	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Dec. 30, 2024~ Jan. 22, 2025	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Dec. 30, 2024~ Jan. 22, 2025	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Dec. 30, 2024~ Jan. 22, 2025	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Dec. 30, 2024~ Jan. 22, 2025	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Dec. 30, 2024~ Jan. 22, 2025	N/A	Radiation (03CH07-HY)
USB Data Logger	TECEPEL	TR-32	HE17XB2495	N/A	Mar. 01, 2024	Dec. 30, 2024~ Jan. 22, 2025	Feb. 28, 2025	Radiation (03CH07-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Aug. 29, 2024	Jan. 17, 2025~ Feb. 21, 2025	Aug. 28, 2025	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Dec. 17, 2024	Jan. 17, 2025~ Feb. 21, 2025	Dec. 16, 2025	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 11, 2024	Jan. 17, 2025~ Feb. 21, 2025	Jul. 10, 2025	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1224	18GHz~40GHz	Jun. 24, 2024	Jan. 17, 2025~ Feb. 21, 2025	Jun. 23, 2025	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 14, 2024	Jan. 17, 2025~ Feb. 21, 2025	Jul. 13, 2025	Radiation (03CH21-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 27, 2024	Jan. 17, 2025~ Feb. 21, 2025	Sep. 26, 2025	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Sep. 02, 2024	Jan. 17, 2025~ Feb. 21, 2025	Sep. 01, 2025	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 06, 2024	Jan. 17, 2025~ Feb. 21, 2025	Sep. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 06, 2024	Jan. 17, 2025~ Feb. 21, 2025	Mar. 05, 2025	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,803954/2	30MHz~40GHz	Aug. 12, 2024	Jan. 17, 2025~ Feb. 21, 2025	Aug. 11, 2025	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2024	Jan. 17, 2025~ Feb. 21, 2025	Oct. 20, 2025	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 17, 2025~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jan. 17, 2025~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jan. 17, 2025~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Jan. 17, 2025~ Feb. 21, 2025	N/A	Radiation (03CH21-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 01, 2024	Jan. 07, 2025~ Mar. 07, 2025	Sep. 30, 2025	Conducted (TH03-HY)
Thermal Chamber	ESPEC	SH-641	92013720	-40℃ ~90℃	Sep. 06, 2024	Jan. 07, 2025~ Mar. 07, 2025	Sep. 05, 2025	Conducted (TH03-HY)
DC Power Supply	GW Instek	GPP-2323	GES906037	0V~64V ; 0A~6A	Nov. 27, 2024	Jan. 07, 2025~ Mar. 07, 2025	Nov. 26, 2025	Conducted (TH03-HY)
Coupler+10dB+ RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+S FL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 03, 2025	Jan. 07, 2025~ Mar. 07, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Power divider	Anritsu	K241C	2143398	9KHz~40GHz	Jun. 13, 2024	Jan. 07, 2025~ Mar. 07, 2025	Jun. 12, 2025	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 11, 2024	Jan. 07, 2025~ Mar. 07, 2025	Jul. 10, 2025	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Jan. 07, 2025~ Mar. 07, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP210073	-10 ~ 50℃ / 20 ~ 95%RH	Jun. 05, 2024	Jan. 07, 2025~ Mar. 07, 2025	Jun. 04, 2025	Conducted (TH03-HY)

6 Measurement Uncertainty

<03CH07-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.2 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.6 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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<03CH21-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.6 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 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 = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.06	24.12	24.09	24.42	0.2767
20	1	49		23.92	23.87	24.08		
20	1	99		23.90	23.92	23.96		
20	50	0		22.98	23.06	23.04		
20	50	24		22.94	22.98	23.01		
20	50	50		22.93	22.94	23.00		
20	100	0		22.95	22.98	23.01		
20	1	0	16-QAM	23.26	23.32	23.24	23.62	0.2301
20	1	49		23.05	23.13	23.24		
20	1	99		23.23	23.20	23.22		
20	50	0		21.95	22.04	22.02		
20	50	24		21.93	22.01	22.00		
20	50	50		21.93	21.95	21.98		
20	100	0		21.93	22.00	22.00		
20	1	0	64-QAM	22.15	22.23	22.14	22.53	0.1791
20	1	49		22.11	22.22	21.98		
20	1	99		22.10	22.09	22.08		
20	50	0		21.96	21.04	21.01		
20	50	24		21.90	20.99	21.01		
20	50	50		21.90	20.95	20.98		
20	100	0		21.93	21.00	21.00		
20	1	0	256-QAM	19.05	18.99	19.04	19.54	0.0899
20	1	49		19.01	19.18	19.17		
20	1	99		19.10	18.99	19.24		
20	50	0		18.96	19.19	19.11		
20	50	24		18.98	19.12	19.21		
20	50	50		18.93	19.15	19.04		
20	100	0		19.12	19.06	19.14		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.04	24.03	24.04	24.34	0.2716
15	1	37		23.98	23.77	23.89		
15	1	74		24.03	23.95	23.96		
15	36	0		23.10	23.03	23.02		
15	36	20		23.05	22.99	22.99		
15	36	39		23.05	22.98	22.97		
15	75	0		23.05	23.01	23.00		
15	1	0	16-QAM	23.44	23.37	23.28	23.74	0.2366
15	1	37		23.34	23.34	23.32		
15	1	74		23.30	23.21	23.20		
15	36	0		22.09	22.05	22.02		
15	36	20		22.01	21.99	21.99		
15	36	39		22.00	21.97	21.97		
15	75	0		22.02	22.01	22.00		
15	1	0	64-QAM	22.31	22.24	22.15	22.62	0.1828
15	1	37		22.32	22.30	22.30		
15	1	74		22.15	22.07	22.08		
15	36	0		21.14	21.03	21.04		
15	36	20		21.05	21.01	21.03		
15	36	39		21.03	20.97	21.01		
15	75	0		21.04	20.99	21.02		
15	1	0	256-QAM	18.93	18.94	18.95	19.53	0.0897
15	1	37		18.97	19.22	19.05		
15	1	74		19.00	19.19	19.07		
15	36	0		18.94	19.04	19.04		
15	36	20		18.95	19.09	19.23		
15	36	39		18.95	19.02	18.93		
15	75	0		19.09	19.03	19.10		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.98	23.92	23.88	24.28	0.2679
10	1	25		23.93	23.85	23.84		
10	1	49		23.93	23.89	23.87		
10	25	0		23.00	22.95	22.91		
10	25	12		23.00	22.93	22.91		
10	25	25		22.97	22.93	22.91		
10	50	0		22.99	22.94	22.92		
10	1	0	16-QAM	23.25	23.22	23.13	23.55	0.2265
10	1	25		23.16	23.16	23.11		
10	1	49		23.15	23.12	23.09		
10	25	0		21.98	21.95	21.89		
10	25	12		21.94	21.92	21.87		
10	25	25		21.92	21.92	21.86		
10	50	0		21.94	21.92	21.87		
10	1	0	64-QAM	22.15	22.10	22.03	22.45	0.1758
10	1	25		22.00	21.99	21.95		
10	1	49		22.02	22.00	21.97		
10	25	0		20.95	20.91	20.85		
10	25	12		20.91	20.89	20.85		
10	25	25		20.89	20.87	20.83		
10	50	0		20.94	20.91	20.87		
10	1	0	256-QAM	18.73	18.81	18.92	19.34	0.0859
10	1	25		18.86	18.96	18.82		
10	1	49		18.78	18.92	18.89		
10	25	0		18.79	18.95	18.92		
10	25	12		18.82	18.77	18.96		
10	25	25		18.68	18.83	18.76		
10	50	0		19.04	18.77	18.99		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.95	23.91	23.77	24.25	0.2661
5	1	12		23.85	23.77	23.75		
5	1	24		23.85	23.81	23.77		
5	12	0		22.89	22.89	22.80		
5	12	7		22.87	22.85	22.77		
5	12	13		22.88	22.86	22.80		
5	25	0		22.90	22.86	22.83		
5	1	0	16-QAM	23.24	23.21	23.12	23.54	0.2259
5	1	12		23.21	23.19	23.09		
5	1	24		23.15	23.12	23.03		
5	12	0		21.91	21.87	21.79		
5	12	7		21.92	21.89	21.81		
5	12	13		21.88	21.85	21.77		
5	25	0		21.86	21.83	21.78		
5	1	0	64-QAM	22.16	22.07	22.01	22.51	0.1782
5	1	12		22.21	22.15	22.06		
5	1	24		22.03	22.02	21.93		
5	12	0		20.97	20.89	20.83		
5	12	7		20.96	20.91	20.83		
5	12	13		20.93	20.86	20.80		
5	25	0		20.88	20.81	20.77		
5	1	0	256-QAM	18.72	18.89	18.84	19.34	0.0859
5	1	12		18.90	18.92	18.91		
5	1	24		18.79	18.82	19.02		
5	12	0		18.74	18.87	18.94		
5	12	7		18.87	18.87	19.04		
5	12	13		18.80	18.81	18.71		
5	25	0		18.97	18.85	19.01		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.09	24.04	24.01	24.40	0.2754
3	1	8		24.02	23.94	23.82		
3	1	14		24.10	23.90	23.88		
3	8	0		23.04	22.97	22.94		
3	8	4		22.93	22.89	22.86		
3	8	7		23.01	22.94	22.93		
3	15	0		23.08	23.01	23.02		
3	1	0	16-QAM	23.41	23.29	23.22	23.71	0.2350
3	1	8		23.29	23.23	23.11		
3	1	14		23.38	23.30	23.20		
3	8	0		22.11	22.03	21.97		
3	8	4		22.06	21.98	21.91		
3	8	7		22.05	21.96	21.90		
3	15	0		22.10	22.01	22.00		
3	1	0	64-QAM	22.31	22.20	22.11	22.61	0.1824
3	1	8		22.21	22.09	22.02		
3	1	14		22.26	22.19	22.11		
3	8	0		21.11	20.99	20.95		
3	8	4		21.03	20.93	20.88		
3	8	7		21.10	20.99	20.93		
3	15	0		20.98	20.90	20.88		
3	1	0	256-QAM	18.83	18.76	18.82	19.32	0.0855
3	1	8		18.92	19.02	18.85		
3	1	14		18.97	18.84	18.96		
3	8	0		18.81	19.02	18.97		
3	8	4		18.78	18.80	18.99		
3	8	7		18.73	19.01	18.77		
3	15	0		19.00	18.96	18.99		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.02	23.93	23.98	24.32	0.2704
1.4	1	3		23.90	23.87	23.87		
1.4	1	5		23.95	23.91	23.96		
1.4	3	0		23.96	23.93	23.97		
1.4	3	1		23.86	23.83	23.88		
1.4	3	3		23.98	23.92	23.98		
1.4	6	0		22.99	22.94	22.99		
1.4	1	0	16-QAM	23.34	23.25	23.20	23.64	0.2312
1.4	1	3		23.28	23.19	23.11		
1.4	1	5		23.32	23.23	23.17		
1.4	3	0		22.92	22.88	22.88		
1.4	3	1		23.00	22.93	22.92		
1.4	3	3		22.96	22.90	22.89		
1.4	6	0		22.07	21.99	22.01		
1.4	1	0	64-QAM	22.24	22.17	22.09	22.54	0.1795
1.4	1	3		22.11	22.00	21.93		
1.4	1	5		22.22	22.13	22.07		
1.4	3	0		22.07	21.99	21.96		
1.4	3	1		22.09	22.01	21.97		
1.4	3	3		22.10	22.03	22.00		
1.4	6	0		20.96	20.87	20.88		
1.4	1	0	256-QAM	18.77	18.86	18.91	19.31	0.0853
1.4	1	3		18.89	18.94	18.98		
1.4	1	5		18.81	18.93	18.97		
1.4	3	0		18.66	19.01	18.97		
1.4	3	1		18.83	18.81	18.91		
1.4	3	3		18.72	18.91	18.75		
1.4	6	0		18.94	18.93	18.99		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.99	24.03	23.92	24.33	0.2710
20	1	49		23.80	23.91	23.73		
20	1	99		23.92	23.90	23.89		
20	50	0		22.97	23.02	22.95		
20	50	24		22.95	22.97	22.91		
20	50	50		22.93	22.95	22.90		
20	100	0		22.95	22.98	22.92		
20	1	0	16-QAM	23.29	23.32	23.18	23.62	0.2301
20	1	49		23.05	23.13	23.04		
20	1	99		23.22	23.20	23.15		
20	50	0		21.95	22.01	21.94		
20	50	24		21.91	21.98	21.91		
20	50	50		21.90	21.94	21.88		
20	100	0		21.93	21.98	21.91		
20	1	0	64-QAM	22.14	22.19	22.06	22.53	0.1791
20	1	49		22.15	22.23	22.17		
20	1	99		22.11	22.05	22.05		
20	50	0		20.95	21.02	20.95		
20	50	24		20.92	20.98	20.92		
20	50	50		20.92	20.94	20.90		
20	100	0		20.92	20.97	20.93		
20	1	0	256-QAM	19.02	18.89	18.92	19.34	0.0859
20	1	49		18.90	18.94	18.93		
20	1	99		18.96	18.92	19.04		
20	50	0		18.89	19.04	18.97		
20	50	24		18.85	18.97	18.89		
20	50	50		18.86	18.94	18.90		
20	100	0		19.03	18.88	19.01		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.02	24.02	24.02	24.32	0.2704
15	1	37		23.86	23.91	23.78		
15	1	74		24.02	23.96	23.94		
15	36	0		23.09	23.02	22.99		
15	36	20		23.06	23.00	22.98		
15	36	39		23.04	22.98	22.95		
15	75	0		23.06	23.03	22.97		
15	1	0	16-QAM	23.44	23.36	23.31	23.74	0.2366
15	1	37		23.34	23.33	23.25		
15	1	74		23.29	23.23	23.18		
15	36	0		22.09	22.05	21.99		
15	36	20		22.02	22.01	21.94		
15	36	39		22.01	21.96	21.92		
15	75	0		22.03	22.02	21.95		
15	1	0	64-QAM	22.34	22.23	22.19	22.64	0.1837
15	1	37		22.32	22.30	22.22		
15	1	74		22.18	22.08	22.10		
15	36	0		21.12	21.06	21.03		
15	36	20		21.06	21.00	20.99		
15	36	39		21.03	20.97	20.97		
15	75	0		21.04	20.98	20.99		
15	1	0	256-QAM	18.99	18.96	19.02	19.35	0.0861
15	1	37		18.97	18.91	18.97		
15	1	74		18.98	19.00	18.87		
15	36	0		19.05	18.90	18.91		
15	36	20		18.87	18.91	18.93		
15	36	39		18.87	18.91	18.85		
15	75	0		18.98	19.03	18.99		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.86	23.84	23.83	24.16	0.2606
10	1	25		23.81	23.74	23.79		
10	1	49		23.82	23.79	23.83		
10	25	0		22.88	22.85	22.87		
10	25	12		22.86	22.83	22.87		
10	25	25		22.85	22.81	22.87		
10	50	0		22.86	22.83	22.87		
10	1	0	16-QAM	23.14	23.12	23.08	23.44	0.2208
10	1	25		23.05	23.06	23.02		
10	1	49		23.04	23.04	23.08		
10	25	0		21.87	21.84	21.83		
10	25	12		21.82	21.81	21.81		
10	25	25		21.81	21.78	21.83		
10	50	0		21.82	21.82	21.81		
10	1	0	64-QAM	22.03	21.99	21.94	22.33	0.1710
10	1	25		21.89	21.91	21.85		
10	1	49		21.90	21.90	21.98		
10	25	0		20.83	20.79	20.80		
10	25	12		20.81	20.78	20.77		
10	25	25		20.76	20.76	20.78		
10	50	0		20.82	20.80	20.80		
10	1	0	256-QAM	18.98	19.04	18.94	19.34	0.0859
10	1	25		19.04	18.89	18.87		
10	1	49		18.93	18.88	19.00		
10	25	0		19.01	18.91	18.93		
10	25	12		19.00	18.85	18.99		
10	25	25		19.02	19.04	18.90		
10	50	0		19.01	18.96	18.95		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.81	23.85	23.84	24.15	0.2600
5	1	12		23.74	23.76	23.74		
5	1	24		23.79	23.77	23.75		
5	12	0		22.85	22.78	22.79		
5	12	7		22.79	22.75	22.77		
5	12	13		22.81	22.76	22.81		
5	25	0		22.82	22.77	22.82		
5	1	0	16-QAM	23.17	23.13	23.03	23.47	0.2223
5	1	12		23.14	23.11	23.07		
5	1	24		23.08	23.05	23.04		
5	12	0		21.86	21.79	21.74		
5	12	7		21.85	21.81	21.78		
5	12	13		21.80	21.77	21.77		
5	25	0		21.78	21.74	21.74		
5	1	0	64-QAM	22.06	22.02	21.92	22.42	0.1746
5	1	12		22.12	22.08	22.05		
5	1	24		21.95	21.92	21.95		
5	12	0		20.89	20.82	20.76		
5	12	7		20.87	20.82	20.77		
5	12	13		20.85	20.78	20.78		
5	25	0		20.78	20.74	20.74		
5	1	0	256-QAM	18.83	18.97	18.93	19.30	0.0851
5	1	12		18.98	18.98	18.95		
5	1	24		18.95	18.82	18.98		
5	12	0		18.83	18.95	19.00		
5	12	7		18.82	18.95	18.89		
5	12	13		18.80	18.97	18.96		
5	25	0		18.93	18.80	18.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.02	23.99	23.92	24.32	0.2704
3	1	8		23.95	23.87	23.81		
3	1	14		24.02	23.83	23.85		
3	8	0		22.98	22.91	22.95		
3	8	4		22.87	22.82	22.85		
3	8	7		22.97	22.89	22.94		
3	15	0		23.02	22.94	23.00		
3	1	0	16-QAM	23.32	23.23	23.16	23.62	0.2301
3	1	8		23.21	23.15	23.12		
3	1	14		23.30	23.22	23.19		
3	8	0		22.08	21.98	21.94		
3	8	4		22.00	21.92	21.91		
3	8	7		22.00	21.92	21.91		
3	15	0		22.04	21.94	21.97		
3	1	0	64-QAM	22.24	22.14	22.09	22.54	0.1795
3	1	8		22.14	22.03	22.01		
3	1	14		22.22	22.12	22.14		
3	8	0		21.07	20.94	20.90		
3	8	4		20.98	20.88	20.87		
3	8	7		21.04	20.93	20.92		
3	15	0		20.92	20.84	20.83		
3	1	0	256-QAM	18.80	18.92	18.98	19.29	0.0849
3	1	8		18.85	18.94	18.91		
3	1	14		18.94	18.99	18.97		
3	8	0		18.92	18.93	18.94		
3	8	4		18.82	18.98	18.89		
3	8	7		18.84	18.87	18.98		
3	15	0		18.84	18.81	18.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 0.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.01	23.95	23.91	24.31	0.2698
1.4	1	3		23.90	23.83	23.79		
1.4	1	5		23.99	23.86	23.84		
1.4	3	0		23.92	23.88	23.89		
1.4	3	1		23.83	23.77	23.80		
1.4	3	3		23.94	23.86	23.88		
1.4	6	0		22.96	22.88	22.91		
1.4	1	0	16-QAM	23.29	23.20	23.14	23.59	0.2286
1.4	1	3		23.20	23.12	23.08		
1.4	1	5		23.26	23.18	23.14		
1.4	3	0		22.88	22.82	22.82		
1.4	3	1		22.94	22.86	22.86		
1.4	3	3		22.90	22.82	22.84		
1.4	6	0		22.02	21.93	21.94		
1.4	1	0	64-QAM	22.19	22.10	22.06	22.49	0.1774
1.4	1	3		22.03	21.94	21.90		
1.4	1	5		22.17	22.06	22.06		
1.4	3	0		22.01	21.91	21.92		
1.4	3	1		22.02	21.92	21.94		
1.4	3	3		22.03	21.96	21.95		
1.4	6	0		20.90	20.80	20.81		
1.4	1	0	256-QAM	18.85	18.95	18.87	19.28	0.0847
1.4	1	3		18.89	18.82	18.94		
1.4	1	5		18.92	18.82	18.89		
1.4	3	0		18.98	18.80	18.89		
1.4	3	1		18.98	18.92	18.96		
1.4	3	3		18.98	18.87	18.85		
1.4	6	0		18.81	18.95	18.95		
Limit	EIRP < 2W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.22	24.25	24.12	25.05	0.3199
20	1	49		24.11	24.15	23.91		
20	1	99		24.13	24.02	24.02		
20	50	0		23.21	23.22	23.11		
20	50	24		23.16	23.12	23.06		
20	50	50		23.13	23.07	23.03		
20	100	0		23.16	23.20	23.06		
20	1	0	16-QAM	23.53	23.38	23.37	24.33	0.2710
20	1	49		23.38	23.19	23.16		
20	1	99		23.44	23.29	23.29		
20	50	0		22.26	22.09	22.07		
20	50	24		22.22	22.04	22.04		
20	50	50		22.18	22.00	22.01		
20	100	0		22.24	22.07	22.05		
20	1	0	64-QAM	22.48	22.29	22.27	23.28	0.2128
20	1	49		22.39	22.27	22.26		
20	1	99		22.35	22.18	22.18		
20	50	0		21.26	21.08	21.08		
20	50	24		21.21	21.03	21.02		
20	50	50		21.17	21.01	21.01		
20	100	0		21.20	21.02	21.01		
20	1	0	256-QAM	18.92	18.91	18.96	20.02	0.1005
20	1	49		19.09	19.22	19.04		
20	1	99		18.98	19.00	19.06		
20	50	0		18.94	19.22	19.05		
20	50	24		18.98	18.99	19.11		
20	50	50		18.99	19.04	19.07		
20	100	0		19.19	19.03	19.09		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.22	24.20	24.24	25.04	0.3192
15	1	37		23.93	24.02	23.95		
15	1	74		24.12	24.08	24.15		
15	36	0		23.23	23.17	23.23		
15	36	20		23.19	23.12	23.20		
15	36	39		23.17	23.10	23.19		
15	75	0		23.21	23.13	23.19		
15	1	0	16-QAM	23.52	23.44	23.52	24.32	0.2704
15	1	37		23.49	23.40	23.49		
15	1	74		23.40	23.34	23.45		
15	36	0		22.22	22.14	22.21		
15	36	20		22.18	22.09	22.17		
15	36	39		22.17	22.07	22.16		
15	75	0		22.21	22.09	22.19		
15	1	0	64-QAM	22.44	22.34	22.39	23.30	0.2138
15	1	37		22.50	22.39	22.49		
15	1	74		22.30	22.22	22.32		
15	36	0		21.23	21.13	21.21		
15	36	20		21.18	21.09	21.18		
15	36	39		21.16	21.08	21.18		
15	75	0		21.17	21.07	21.16		
15	1	0	256-QAM	18.94	18.89	18.95	19.81	0.0957
15	1	37		18.92	18.93	18.97		
15	1	74		18.90	18.79	18.92		
15	36	0		18.79	19.00	19.01		
15	36	20		18.80	18.82	18.98		
15	36	39		18.79	18.91	18.77		
15	75	0		18.96	18.88	18.91		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.13	24.03	24.06	24.93	0.3112
10	1	25		24.07	23.93	24.03		
10	1	49		24.09	23.96	24.00		
10	25	0		23.17	23.03	23.11		
10	25	12		23.14	23.02	23.06		
10	25	25		23.13	22.99	23.05		
10	50	0		23.15	23.00	23.08		
10	1	0	16-QAM	23.37	23.22	23.32	24.17	0.2612
10	1	25		23.33	23.19	23.29		
10	1	49		23.32	23.18	23.27		
10	25	0		22.16	22.00	22.08		
10	25	12		22.13	21.97	22.06		
10	25	25		22.13	21.97	22.03		
10	50	0		22.12	21.95	22.06		
10	1	0	64-QAM	22.28	22.11	22.18	23.08	0.2032
10	1	25		22.20	22.01	22.12		
10	1	49		22.22	22.04	22.14		
10	25	0		21.12	20.96	21.05		
10	25	12		21.09	20.94	21.02		
10	25	25		21.07	20.91	21.02		
10	50	0		21.11	20.95	21.03		
10	1	0	256-QAM	18.93	18.92	19.03	20.05	0.1012
10	1	25		19.13	19.16	19.16		
10	1	49		19.11	18.92	19.04		
10	25	0		18.93	19.13	19.14		
10	25	12		19.09	18.93	19.20		
10	25	25		18.96	19.06	18.99		
10	50	0		19.25	19.14	19.08		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.06	24.01	23.96	24.86	0.3062
5	1	12		23.97	23.88	23.89		
5	1	24		23.98	23.90	23.91		
5	12	0		23.01	22.94	22.99		
5	12	7		22.98	22.89	22.94		
5	12	13		23.00	22.92	22.97		
5	25	0		22.99	22.95	22.98		
5	1	0	16-QAM	23.29	23.20	23.28	24.10	0.2570
5	1	12		23.30	23.20	23.27		
5	1	24		23.25	23.17	23.24		
5	12	0		22.00	21.89	21.97		
5	12	7		22.02	21.92	22.00		
5	12	13		21.99	21.88	21.96		
5	25	0		21.97	21.89	21.95		
5	1	0	64-QAM	22.24	22.10	22.16	23.13	0.2056
5	1	12		22.33	22.19	22.27		
5	1	24		22.17	22.06	22.13		
5	12	0		21.02	20.93	21.00		
5	12	7		21.04	20.94	21.01		
5	12	13		20.98	20.91	20.99		
5	25	0		20.96	20.88	20.95		
5	1	0	256-QAM	19.01	18.79	18.86	19.85	0.0966
5	1	12		18.87	18.91	18.87		
5	1	24		18.84	18.73	18.87		
5	12	0		18.83	18.94	19.05		
5	12	7		18.88	18.77	18.90		
5	12	13		18.87	18.85	18.71		
5	25	0		18.90	18.82	19.01		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.05	24.13	24.21	25.01	0.3170
3	1	8		23.97	24.03	24.10		
3	1	14		24.03	24.15	24.05		
3	8	0		23.11	23.08	23.15		
3	8	4		23.01	22.96	23.04		
3	8	7		23.10	23.04	23.12		
3	15	0		23.13	23.13	23.18		
3	1	0	16-QAM	23.39	23.32	23.45	24.25	0.2661
3	1	8		23.32	23.24	23.35		
3	1	14		23.41	23.31	23.43		
3	8	0		22.17	22.08	22.19		
3	8	4		22.12	22.03	22.13		
3	8	7		22.12	22.02	22.13		
3	15	0		22.14	22.11	22.16		
3	1	0	64-QAM	22.33	22.21	22.34	23.15	0.2065
3	1	8		22.24	22.13	22.24		
3	1	14		22.33	22.22	22.35		
3	8	0		21.11	21.05	21.15		
3	8	4		21.07	20.99	21.11		
3	8	7		21.12	21.05	21.16		
3	15	0		21.04	21.00	21.07		
3	1	0	256-QAM	18.96	18.82	18.98	19.88	0.0973
3	1	8		18.99	18.96	18.90		
3	1	14		18.92	18.78	18.90		
3	8	0		18.76	18.97	19.08		
3	8	4		18.77	18.72	18.97		
3	8	7		18.89	18.96	18.81		
3	15	0		18.88	18.95	18.85		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	24.04	24.08	24.11	24.95	0.3126
1.4	1	3		23.99	23.96	24.04		
1.4	1	5		24.05	24.00	24.10		
1.4	3	0		24.08	24.06	24.14		
1.4	3	1		23.99	23.94	24.04		
1.4	3	3		24.06	24.06	24.15		
1.4	6	0		23.06	23.06	23.13		
1.4	1	0	16-QAM	23.36	23.27	23.42	24.22	0.2642
1.4	1	3		23.30	23.19	23.34		
1.4	1	5		23.34	23.26	23.42		
1.4	3	0		23.02	22.96	23.06		
1.4	3	1		23.06	23.00	23.12		
1.4	3	3		23.03	22.97	23.09		
1.4	6	0		22.15	22.08	22.19		
1.4	1	0	64-QAM	22.32	22.19	22.34	23.14	0.2061
1.4	1	3		22.17	22.03	22.18		
1.4	1	5		22.29	22.18	22.34		
1.4	3	0		22.12	22.06	22.19		
1.4	3	1		22.16	22.07	22.20		
1.4	3	3		22.17	22.09	22.21		
1.4	6	0		21.03	21.00	21.09		
1.4	1	0	256-QAM	19.03	18.78	18.81	20.00	0.1000
1.4	1	3		19.03	19.11	19.20		
1.4	1	5		19.05	19.00	19.05		
1.4	3	0		18.93	19.06	19.04		
1.4	3	1		18.84	18.73	18.94		
1.4	3	3		18.97	18.95	18.89		
1.4	6	0		18.97	18.88	18.90		
Limit	EIRP < 1W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.52	24.54	24.47	21.09	0.1285
10	1	25		24.47	24.40	24.42		
10	1	49		24.48	24.45	24.38		
10	25	0		23.55	23.56	23.49		
10	25	12		23.51	23.49	23.48		
10	25	25		23.52	23.47	23.46		
10	50	0		23.58	23.59	23.51		
10	1	0	16-QAM	23.80	23.72	23.72	20.35	0.1084
10	1	25		23.79	23.70	23.68		
10	1	49		23.75	23.72	23.59		
10	25	0		22.56	22.52	22.52		
10	25	12		22.53	22.50	22.48		
10	25	25		22.53	22.50	22.46		
10	50	0		22.56	22.51	22.50		
10	1	0	64-QAM	22.74	22.69	22.69	19.29	0.0849
10	1	25		22.66	22.62	22.63		
10	1	49		22.70	22.66	22.58		
10	25	0		20.52	20.47	20.47		
10	25	12		20.51	20.46	20.45		
10	25	25		20.50	20.42	20.42		
10	50	0		20.54	20.49	20.46		
10	1	0	256-QAM	17.84	17.74	17.76	14.45	0.0279
10	1	25		17.72	17.62	17.65		
10	1	49		17.77	17.81	17.90		
10	25	0		16.98	17.17	17.25		
10	25	12		17.17	17.11	17.14		
10	25	25		17.15	17.21	17.05		
10	50	0		17.14	17.20	17.09		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.50	24.44	24.52	21.07	0.1279
5	1	12		24.43	24.41	24.48		
5	1	24		24.48	24.47	24.50		
5	12	0		23.55	23.54	23.53		
5	12	7		23.53	23.51	23.49		
5	12	13		23.55	23.52	23.49		
5	25	0		23.55	23.54	23.52		
5	1	0	16-QAM	23.88	23.81	23.84	20.43	0.1104
5	1	12		23.85	23.79	23.77		
5	1	24		23.84	23.78	23.66		
5	12	0		22.56	22.51	22.51		
5	12	7		22.57	22.52	22.52		
5	12	13		22.55	22.48	22.45		
5	25	0		22.52	22.48	22.46		
5	1	0	64-QAM	22.80	22.72	22.76	19.44	0.0879
5	1	12		22.89	22.82	22.81		
5	1	24		22.77	22.68	22.62		
5	12	0		20.60	20.56	20.56		
5	12	7		20.62	20.56	20.53		
5	12	13		20.59	20.54	20.50		
5	25	0		20.52	20.50	20.56		
5	1	0	256-QAM	17.84	17.76	17.92	14.48	0.0281
5	1	12		17.79	17.53	17.82		
5	1	24		17.87	17.92	17.93		
5	12	0		17.00	17.03	17.13		
5	12	7		17.26	17.02	17.21		
5	12	13		17.21	17.16	17.15		
5	25	0		17.14	17.17	17.13		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.52	24.50	24.52	21.07	0.1279
3	1	8		24.46	24.45	24.37		
3	1	14		24.50	24.49	24.35		
3	8	0		23.53	23.50	23.49		
3	8	4		23.44	23.39	23.40		
3	8	7		23.51	23.48	23.43		
3	15	0		23.55	23.55	23.56		
3	1	0	16-QAM	23.82	23.76	23.74	20.38	0.1091
3	1	8		23.76	23.67	23.62		
3	1	14		23.83	23.78	23.65		
3	8	0		22.58	22.55	22.53		
3	8	4		22.55	22.49	22.46		
3	8	7		22.55	22.49	22.44		
3	15	0		22.57	22.53	22.53		
3	1	0	64-QAM	22.75	22.70	22.67	19.31	0.0853
3	1	8		22.65	22.58	22.55		
3	1	14		22.76	22.69	22.61		
3	8	0		20.59	20.52	20.50		
3	8	4		20.53	20.57	20.54		
3	8	7		20.59	20.51	20.57		
3	15	0		20.51	20.52	20.50		
3	1	0	256-QAM	17.82	17.71	17.92	14.53	0.0284
3	1	8		17.70	17.58	17.62		
3	1	14		17.90	17.77	17.98		
3	8	0		16.97	17.04	17.05		
3	8	4		17.17	17.10	17.19		
3	8	7		17.26	17.14	16.97		
3	15	0		17.07	17.16	17.15		
Limit	ERP < 7W			Result			Pass	



LTE Band 5 Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.43	24.43	24.30	20.99	0.1256
1.4	1	3		24.37	24.32	24.22		
1.4	1	5		24.43	24.33	24.28		
1.4	3	0		24.41	24.37	24.34		
1.4	3	1		24.31	24.26	24.24		
1.4	3	3		24.44	24.39	24.36		
1.4	6	0		23.43	23.40	23.40		
1.4	1	0	16-QAM	23.76	23.67	23.59	20.31	0.1074
1.4	1	3		23.64	23.59	23.48		
1.4	1	5		23.74	23.67	23.54		
1.4	3	0		23.41	23.32	23.27		
1.4	3	1		23.46	23.39	23.31		
1.4	3	3		23.43	23.35	23.27		
1.4	6	0		22.50	22.43	22.42		
1.4	1	0	64-QAM	22.64	22.59	22.55	19.19	0.0830
1.4	1	3		22.47	22.40	22.34		
1.4	1	5		22.64	22.57	22.48		
1.4	3	0		22.51	22.45	22.39		
1.4	3	1		22.54	22.47	22.42		
1.4	3	3		22.56	22.49	22.44		
1.4	6	0		20.52	20.50	20.51		
1.4	1	0	256-QAM	17.66	17.71	17.57	14.26	0.0267
1.4	1	3		17.62	17.53	17.53		
1.4	1	5		17.71	17.48	17.66		
1.4	3	0		17.70	17.59	17.69		
1.4	3	1		17.68	17.56	17.70		
1.4	3	3		17.55	17.63	17.61		
1.4	6	0		17.06	17.01	17.13		
Limit	ERP < 7W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.32	24.35	24.34	25.95	0.3936
20	1	49		24.30	24.32	24.33		
20	1	99		24.31	24.28	24.31		
20	50	0		23.33	23.34	23.33		
20	50	24		23.30	23.20	23.27		
20	50	50		23.32	23.22	23.31		
20	100	0		23.29	23.30	23.28		
20	1	0	16-QAM	23.45	23.42	23.50	25.22	0.3327
20	1	49		23.41	23.39	23.44		
20	1	99		23.57	23.57	23.62		
20	50	0		22.26	22.16	22.24		
20	50	24		22.26	22.15	22.27		
20	50	50		22.26	22.20	22.29		
20	100	0		22.26	22.19	22.27		
20	1	0	64-QAM	22.35	22.32	22.41	24.13	0.2588
20	1	49		22.25	22.22	22.29		
20	1	99		22.51	22.46	22.53		
20	50	0		21.25	21.15	21.24		
20	50	24		21.26	21.15	21.25		
20	50	50		21.29	21.17	21.27		
20	100	0		21.25	21.14	21.23		
20	1	0	256-QAM	18.92	18.75	18.88	20.60	0.1148
20	1	49		18.88	18.91	18.80		
20	1	99		19.00	19.00	18.85		
20	50	0		18.98	18.85	18.95		
20	50	24		18.93	18.76	18.84		
20	50	50		18.88	18.84	18.86		
20	100	0		18.82	18.79	18.94		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.28	24.29	24.24	25.90	0.3890
15	1	37		24.23	24.14	24.30		
15	1	74		24.24	24.24	24.24		
15	36	0		23.28	23.27	23.32		
15	36	20		23.30	23.29	23.34		
15	36	39		23.33	23.31	23.37		
15	75	0		23.30	23.28	23.33		
15	1	0	16-QAM	23.48	23.55	23.57	25.25	0.3350
15	1	37		23.57	23.60	23.65		
15	1	74		23.55	23.57	23.63		
15	36	0		22.24	22.25	22.31		
15	36	20		22.28	22.24	22.30		
15	36	39		22.31	22.27	22.33		
15	75	0		22.28	22.24	22.30		
15	1	0	64-QAM	22.41	22.45	22.51	24.22	0.2642
15	1	37		22.57	22.56	22.62		
15	1	74		22.54	22.47	22.53		
15	36	0		21.25	21.25	21.31		
15	36	20		21.29	21.25	21.32		
15	36	39		21.34	21.27	21.34		
15	75	0		21.26	21.23	21.29		
15	1	0	256-QAM	18.88	18.75	18.77	20.50	0.1122
15	1	37		18.84	18.66	18.59		
15	1	74		18.71	18.85	18.90		
15	36	0		18.73	18.66	18.81		
15	36	20		18.79	18.61	18.74		
15	36	39		18.73	18.88	18.50		
15	75	0		18.67	18.76	18.89		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.18	24.09	24.16	25.82	0.3819
10	1	25		24.12	24.10	24.11		
10	1	49		24.21	24.18	24.22		
10	25	0		23.23	23.13	23.17		
10	25	12		23.25	23.12	23.20		
10	25	25		23.26	23.14	23.22		
10	50	0		23.25	23.13	23.20		
10	1	0	16-QAM	23.36	23.34	23.39	25.06	0.3206
10	1	25		23.39	23.34	23.41		
10	1	49		23.44	23.40	23.46		
10	25	0		22.18	22.09	22.15		
10	25	12		22.21	22.09	22.16		
10	25	25		22.24	22.12	22.18		
10	50	0		22.18	22.09	22.16		
10	1	0	64-QAM	22.28	22.23	22.29	24.02	0.2523
10	1	25		22.31	22.20	22.27		
10	1	49		22.42	22.27	22.36		
10	25	0		21.15	21.06	21.13		
10	25	12		21.15	21.06	21.12		
10	25	25		21.19	21.07	21.15		
10	50	0		21.20	21.08	21.17		
10	1	0	256-QAM	18.74	18.85	18.88	20.60	0.1148
10	1	25		18.86	18.62	18.76		
10	1	49		18.78	19.00	18.80		
10	25	0		18.71	18.65	18.86		
10	25	12		18.78	18.61	18.75		
10	25	25		18.72	18.92	18.59		
10	50	0		18.66	18.81	18.91		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 1.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.15	24.15	24.16	25.76	0.3767
5	1	12		24.10	24.09	24.05		
5	1	24		24.15	24.08	24.10		
5	12	0		23.10	23.08	23.10		
5	12	7		23.09	23.05	23.08		
5	12	13		23.12	23.08	23.12		
5	25	0		23.13	23.07	23.11		
5	1	0	16-QAM	23.34	23.37	23.40	25.04	0.3192
5	1	12		23.40	23.42	23.44		
5	1	24		23.37	23.37	23.39		
5	12	0		22.05	22.05	22.10		
5	12	7		22.10	22.08	22.13		
5	12	13		22.08	22.06	22.10		
5	25	0		22.07	22.03	22.07		
5	1	0	64-QAM	22.26	22.26	22.30	23.99	0.2506
5	1	12		22.38	22.35	22.39		
5	1	24		22.30	22.25	22.30		
5	12	0		21.09	21.07	21.11		
5	12	7		21.12	21.11	21.14		
5	12	13		21.11	21.10	21.13		
5	25	0		21.04	21.01	21.05		
5	1	0	256-QAM	18.93	18.81	18.79	20.54	0.1132
5	1	12		18.84	18.65	18.68		
5	1	24		18.85	18.87	18.94		
5	12	0		18.80	18.75	18.70		
5	12	7		18.71	18.55	18.73		
5	12	13		18.76	18.93	18.63		
5	25	0		18.65	18.79	18.84		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.68	24.69	24.66	20.44	0.1107
10	1	25		24.61	24.57	24.60		
10	1	49		24.67	24.60	24.64		
10	25	0		22.42	22.43	22.41		
10	25	12		22.41	22.32	22.39		
10	25	25		22.41	22.33	22.40		
10	50	0		22.44	22.45	22.42		
10	1	0	16-QAM	23.91	23.85	23.87	19.69	0.0931
10	1	25		23.94	23.78	23.87		
10	1	49		23.88	23.84	23.83		
10	25	0		21.42	21.34	21.44		
10	25	12		21.42	21.31	21.42		
10	25	25		21.42	21.32	21.42		
10	50	0		21.43	21.34	21.44		
10	1	0	64-QAM	22.88	22.83	22.92	18.67	0.0736
10	1	25		22.87	22.74	22.87		
10	1	49		22.88	22.83	22.89		
10	25	0		21.43	21.34	21.43		
10	25	12		21.41	21.31	21.42		
10	25	25		21.40	21.31	21.42		
10	50	0		21.44	21.36	21.47		
10	1	0	256-QAM	19.84	19.71	19.77	15.65	0.0367
10	1	25		19.88	19.90	19.77		
10	1	49		19.86	19.78	19.84		
10	25	0		19.87	19.74	19.86		
10	25	12		19.71	19.80	19.87		
10	25	25		19.72	19.71	19.80		
10	50	0		19.74	19.89	19.86		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.63	24.57	24.61	20.41	0.1099
5	1	12		24.63	24.55	24.62		
5	1	24		24.66	24.61	24.61		
5	12	0		22.43	22.38	22.36		
5	12	7		22.41	22.35	22.34		
5	12	13		22.43	22.37	22.33		
5	25	0		22.42	22.37	22.34		
5	1	0	16-QAM	23.92	23.96	23.88	19.83	0.0962
5	1	12		24.08	23.90	23.95		
5	1	24		23.97	23.88	23.81		
5	12	0		21.43	21.37	21.35		
5	12	7		21.46	21.39	21.38		
5	12	13		21.42	21.35	21.35		
5	25	0		21.38	21.32	21.32		
5	1	0	64-QAM	22.93	22.91	22.87	18.80	0.0759
5	1	12		23.05	22.99	23.01		
5	1	24		22.95	22.87	22.80		
5	12	0		21.47	21.42	21.41		
5	12	7		21.48	21.43	21.42		
5	12	13		21.47	21.41	21.41		
5	25	0		21.39	21.35	21.31		
5	1	0	256-QAM	19.90	19.88	19.80	15.65	0.0367
5	1	12		19.86	19.85	19.79		
5	1	24		19.82	19.83	19.83		
5	12	0		19.86	19.80	19.83		
5	12	7		19.87	19.84	19.88		
5	12	13		19.75	19.90	19.86		
5	25	0		19.79	19.89	19.71		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.62	24.63	24.61	20.38	0.1091
3	1	8		24.58	24.60	24.58		
3	1	14		24.62	24.63	24.50		
3	8	0		22.43	22.35	22.32		
3	8	4		22.33	22.27	22.22		
3	8	7		22.41	22.34	22.29		
3	15	0		22.48	22.42	22.39		
3	1	0	16-QAM	23.98	23.92	23.89	19.76	0.0946
3	1	8		23.91	23.84	23.81		
3	1	14		24.01	23.89	23.77		
3	8	0		21.47	21.42	21.38		
3	8	4		21.44	21.37	21.33		
3	8	7		21.41	21.36	21.32		
3	15	0		21.44	21.38	21.35		
3	1	0	64-QAM	22.92	22.91	22.86	18.71	0.0743
3	1	8		22.84	22.78	22.76		
3	1	14		22.96	22.88	22.76		
3	8	0		21.44	21.39	21.37		
3	8	4		21.40	21.34	21.32		
3	8	7		21.45	21.41	21.36		
3	15	0		21.36	21.30	21.25		
3	1	0	256-QAM	19.76	19.60	19.63	15.54	0.0358
3	1	8		19.77	19.78	19.79		
3	1	14		19.74	19.70	19.72		
3	8	0		19.69	19.68	19.77		
3	8	4		19.65	19.60	19.69		
3	8	7		19.62	19.77	19.66		
3	15	0		19.68	19.77	19.72		
Limit	ERP < 3W			Result			Pass	



LTE Band 12 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.63	24.61	24.46	20.41	0.1099
1.4	1	3		24.59	24.48	24.43		
1.4	1	5		24.66	24.50	24.44		
1.4	3	0		24.59	24.52	24.45		
1.4	3	1		24.46	24.40	24.38		
1.4	3	3		24.60	24.54	24.49		
1.4	6	0		22.33	22.25	22.23		
1.4	1	0	16-QAM	23.88	23.82	23.84	19.65	0.0923
1.4	1	3		23.82	23.77	23.74		
1.4	1	5		23.90	23.82	23.76		
1.4	3	0		23.55	23.49	23.47		
1.4	3	1		23.60	23.54	23.54		
1.4	3	3		23.57	23.51	23.46		
1.4	6	0		21.39	21.31	21.28		
1.4	1	0	64-QAM	22.84	22.80	22.78	18.59	0.0723
1.4	1	3		22.68	22.65	22.61		
1.4	1	5		22.83	22.76	22.72		
1.4	3	0		22.67	22.65	22.63		
1.4	3	1		22.73	22.67	22.64		
1.4	3	3		22.74	22.69	22.64		
1.4	6	0		21.28	21.22	21.18		
1.4	1	0	256-QAM	19.65	19.65	19.59	15.45	0.0351
1.4	1	3		19.52	19.52	19.51		
1.4	1	5		19.60	19.53	19.53		
1.4	3	0		19.62	19.56	19.58		
1.4	3	1		19.69	19.59	19.52		
1.4	3	3		19.64	19.52	19.66		
1.4	6	0		19.65	19.70	19.62		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.59	-	21.24	0.1330
10	1	25			24.55			
10	1	49			24.53			
10	25	0			22.32			
10	25	12			22.29			
10	25	25			22.30			
10	50	0			22.32			
10	1	0	16-QAM		23.77		20.44	0.1107
10	1	25			23.79			
10	1	49			23.78			
10	25	0			21.91			
10	25	12			21.89			
10	25	25			21.87			
10	50	0			21.88			
10	1	0	64-QAM		22.69		19.34	0.0859
10	1	25			22.65			
10	1	49			22.69			
10	25	0			20.70			
10	25	12			20.67			
10	25	25			20.66			
10	50	0			20.71			
10	1	0	256-QAM		19.68		16.33	0.0430
10	1	25			19.52			
10	1	49			19.51			
10	25	0			19.62			
10	25	12			19.55			
10	25	25			19.65			
10	50	0			19.59			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.56	24.46	24.56	21.22	0.1324
5	1	12		24.47	24.43	24.57		
5	1	24		24.51	24.49	24.54		
5	12	0		22.42	22.37	22.42		
5	12	7		22.36	22.36	22.41		
5	12	13		22.37	22.39	22.41		
5	25	0		22.37	22.38	22.39		
5	1	0	16-QAM	23.82	23.77	23.81	20.50	0.1122
5	1	12		23.76	23.69	23.84		
5	1	24		23.76	23.81	23.85		
5	12	0		21.99	21.91	21.98		
5	12	7		21.98	21.94	22.02		
5	12	13		21.93	21.92	21.98		
5	25	0		21.89	21.85	21.90		
5	1	0	64-QAM	22.88	22.81	22.86	19.61	0.0914
5	1	12		22.96	22.85	22.86		
5	1	24		22.80	22.84	22.90		
5	12	0		20.75	20.66	20.71		
5	12	7		20.71	20.65	20.74		
5	12	13		20.67	20.67	20.71		
5	25	0		20.63	20.59	20.65		
5	1	0	256-QAM	19.53	19.61	19.61	16.33	0.0430
5	1	12		19.56	19.63	19.62		
5	1	24		19.58	19.50	19.58		
5	12	0		19.63	19.54	19.57		
5	12	7		19.68	19.58	19.54		
5	12	13		19.51	19.63	19.61		
5	25	0		19.52	19.62	19.68		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.69	24.70	24.68	20.45	0.1109
10	1	25		24.63	24.64	24.65		
10	1	49		24.68	24.69	24.66		
10	25	0		23.70	23.76	23.72		
10	25	12		23.67	23.74	23.69		
10	25	25		23.69	23.75	23.70		
10	50	0		23.72	23.78	23.74		
10	1	0	16-QAM	23.90	23.92	23.87	19.71	0.0935
10	1	25		23.81	23.88	23.86		
10	1	49		23.91	23.96	23.84		
10	25	0		22.70	22.76	22.74		
10	25	12		22.69	22.77	22.73		
10	25	25		22.72	22.78	22.75		
10	50	0		22.73	22.80	22.76		
10	1	0	64-QAM	22.89	22.95	22.92	18.72	0.0745
10	1	25		22.79	22.86	22.88		
10	1	49		22.91	22.97	22.88		
10	25	0		21.68	21.74	21.71		
10	25	12		21.68	21.74	21.73		
10	25	25		21.68	21.75	21.73		
10	50	0		21.71	21.78	21.76		
10	1	0	256-QAM	19.76	19.76	19.91	15.68	0.0370
10	1	25		19.85	19.82	19.81		
10	1	49		19.93	19.89	19.93		
10	25	0		19.87	19.79	19.80		
10	25	12		19.92	19.87	19.88		
10	25	25		19.77	19.79	19.75		
10	50	0		19.88	19.85	19.81		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.61	24.68	24.67	20.43	0.1104
5	1	12		24.57	24.66	24.60		
5	1	24		24.64	24.65	24.58		
5	12	0		23.75	23.71	23.70		
5	12	7		23.71	23.69	23.68		
5	12	13		23.69	23.72	23.70		
5	25	0		23.70	23.71	23.68		
5	1	0	16-QAM	23.99	23.93	23.94	19.74	0.0942
5	1	12		23.97	23.93	23.96		
5	1	24		23.94	23.96	23.83		
5	12	0		22.77	22.71	22.70		
5	12	7		22.76	22.73	22.73		
5	12	13		22.74	22.72	22.70		
5	25	0		22.68	22.67	22.65		
5	1	0	64-QAM	22.99	22.92	22.90	18.79	0.0757
5	1	12		23.04	22.97	23.04		
5	1	24		22.90	22.92	22.83		
5	12	0		21.76	21.72	21.72		
5	12	7		21.77	21.73	21.73		
5	12	13		21.75	21.74	21.71		
5	25	0		21.67	21.65	21.63		
5	1	0	256-QAM	19.93	19.81	19.78	15.69	0.0371
5	1	12		19.94	19.94	19.79		
5	1	24		19.85	19.85	19.79		
5	12	0		19.76	19.90	19.75		
5	12	7		19.81	19.90	19.94		
5	12	13		19.76	19.76	19.89		
5	25	0		19.77	19.82	19.85		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.35	24.43	24.30	20.98	0.1253
15	1	37		24.07	24.23	24.02		
15	1	74		24.26	24.30	24.16		
15	36	0		23.36	23.17	23.33		
15	36	20		23.32	23.23	23.31		
15	36	39		23.31	23.32	23.27		
15	75	0		23.38	23.47	23.34		
15	1	0	16-QAM	23.61	23.64	23.56	20.19	0.1045
15	1	37		23.58	23.53	23.54		
15	1	74		23.54	23.36	23.38		
15	36	0		22.35	22.47	22.30		
15	36	20		22.31	22.39	22.28		
15	36	39		22.29	22.39	22.25		
15	75	0		22.33	22.35	22.30		
15	1	0	64-QAM	22.56	22.73	22.53	19.28	0.0847
15	1	37		22.64	22.64	22.61		
15	1	74		22.47	22.32	22.36		
15	36	0		20.32	20.13	20.28		
15	36	20		20.28	20.45	20.25		
15	36	39		20.27	20.44	20.20		
15	75	0		20.27	20.45	20.22		
15	1	0	256-QAM	17.70	17.63	17.83	14.42	0.0277
15	1	37		17.86	17.87	17.77		
15	1	74		17.82	17.73	17.73		
15	36	0		17.14	17.14	17.16		
15	36	20		17.14	17.24	17.23		
15	36	39		17.07	17.05	17.25		
15	75	0		17.17	17.10	17.10		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.39	24.42	24.31	20.97	0.1250
10	1	25		24.26	24.23	24.29		
10	1	49		24.34	24.30	24.28		
10	25	0		23.44	23.31	23.41		
10	25	12		23.46	23.43	23.38		
10	25	25		23.49	23.44	23.37		
10	50	0		23.44	23.39	23.40		
10	1	0	16-QAM	23.56	23.62	23.63	20.18	0.1042
10	1	25		23.51	23.52	23.59		
10	1	49		23.55	23.47	23.47		
10	25	0		22.31	22.33	22.39		
10	25	12		22.34	22.31	22.37		
10	25	25		22.30	22.24	22.34		
10	50	0		22.49	22.34	22.38		
10	1	0	64-QAM	22.43	22.49	22.52	19.07	0.0807
10	1	25		22.36	22.42	22.47		
10	1	49		22.44	22.41	22.38		
10	25	0		20.36	20.37	20.39		
10	25	12		20.35	20.34	20.35		
10	25	25		20.32	20.38	20.32		
10	50	0		20.36	20.26	20.36		
10	1	0	256-QAM	17.85	17.96	17.79	14.51	0.0282
10	1	25		17.86	17.76	17.71		
10	1	49		17.78	17.73	17.90		
10	25	0		17.10	17.11	17.19		
10	25	12		17.26	17.07	17.24		
10	25	25		17.17	17.03	17.08		
10	50	0		17.14	17.25	17.07		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.34	24.27	24.31	20.89	0.1227
5	1	12		24.32	24.34	24.25		
5	1	24		24.24	24.22	24.25		
5	12	0		23.33	23.38	23.36		
5	12	7		23.35	23.37	23.33		
5	12	13		23.35	23.38	23.32		
5	25	0		23.46	23.28	23.36		
5	1	0	16-QAM	23.61	23.75	23.68	20.30	0.1072
5	1	12		23.62	23.68	23.60		
5	1	24		23.54	23.63	23.47		
5	12	0		22.31	22.45	22.34		
5	12	7		22.45	22.46	22.34		
5	12	13		22.32	22.33	22.30		
5	25	0		22.22	22.22	22.30		
5	1	0	64-QAM	22.64	22.64	22.59	19.29	0.0849
5	1	12		22.71	22.74	22.65		
5	1	24		22.67	22.54	22.43		
5	12	0		20.33	20.38	20.39		
5	12	7		20.35	20.40	20.37		
5	12	13		20.33	20.34	20.34		
5	25	0		20.40	20.26	20.29		
5	1	0	256-QAM	17.79	17.80	17.75	14.49	0.0281
5	1	12		17.94	17.87	17.76		
5	1	24		17.83	17.82	17.86		
5	12	0		17.20	17.08	17.22		
5	12	7		17.20	17.16	17.23		
5	12	13		17.18	17.17	17.21		
5	25	0		17.24	17.05	17.16		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.36	24.29	24.27	20.91	0.1233
3	1	8		24.30	24.27	24.24		
3	1	14		24.24	24.34	24.17		
3	8	0		23.32	23.27	23.31		
3	8	4		23.21	23.25	23.21		
3	8	7		23.40	23.25	23.27		
3	15	0		23.36	23.35	23.39		
3	1	0	16-QAM	23.66	23.52	23.56	20.21	0.1050
3	1	8		23.54	23.43	23.46		
3	1	14		23.59	23.56	23.49		
3	8	0		22.35	22.38	22.34		
3	8	4		22.40	22.26	22.28		
3	8	7		22.31	22.26	22.26		
3	15	0		22.37	22.31	22.36		
3	1	0	64-QAM	22.56	22.62	22.50	19.17	0.0826
3	1	8		22.36	22.48	22.36		
3	1	14		22.58	22.53	22.45		
3	8	0		20.35	20.44	20.33		
3	8	4		20.42	20.36	20.25		
3	8	7		20.34	20.42	20.29		
3	15	0		20.37	20.31	20.22		
3	1	0	256-QAM	17.97	17.71	17.80	14.52	0.0283
3	1	8		17.75	17.75	17.81		
3	1	14		17.68	17.84	17.87		
3	8	0		17.13	17.15	17.22		
3	8	4		17.28	17.21	17.15		
3	8	7		17.10	17.20	17.16		
3	15	0		17.22	17.22	17.13		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.13	24.36	24.14	20.91	0.1233
1.4	1	3		24.05	24.07	24.07		
1.4	1	5		24.20	24.27	24.14		
1.4	3	0		24.29	24.18	24.19		
1.4	3	1		24.09	24.09	24.08		
1.4	3	3		24.32	24.22	24.20		
1.4	6	0		23.26	23.33	23.26		
1.4	1	0	16-QAM	23.45	23.50	23.44	20.05	0.1012
1.4	1	3		23.39	23.47	23.31		
1.4	1	5		23.43	23.39	23.39		
1.4	3	0		23.26	23.13	23.13		
1.4	3	1		23.35	23.32	23.15		
1.4	3	3		23.22	23.16	23.10		
1.4	6	0		22.39	22.22	22.24		
1.4	1	0	64-QAM	22.44	22.43	22.39	18.99	0.0793
1.4	1	3		22.36	22.32	22.19		
1.4	1	5		22.34	22.39	22.31		
1.4	3	0		22.24	22.22	22.23		
1.4	3	1		22.42	22.33	22.25		
1.4	3	3		22.24	22.36	22.25		
1.4	6	0		20.32	20.40	20.33		
1.4	1	0	256-QAM	17.65	17.74	17.62	14.29	0.0269
1.4	1	3		17.43	17.52	17.55		
1.4	1	5		17.58	17.56	17.62		
1.4	3	0		17.69	17.72	17.60		
1.4	3	1		17.74	17.55	17.61		
1.4	3	3		17.61	17.62	17.57		
1.4	6	0		17.23	17.20	17.12		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.09	24.12	24.11	26.22	0.4188
20	1	49		24.00	23.99	24.10		
20	1	99		24.04	23.91	23.93		
20	50	0		23.06	23.07	22.95		
20	50	24		23.03	23.04	22.92		
20	50	50		23.03	23.02	22.91		
20	100	0		23.02	23.03	22.92		
20	1	0	16-QAM	23.14	23.02	23.02	25.24	0.3342
20	1	49		23.10	22.99	22.98		
20	1	99		23.08	22.97	22.99		
20	50	0		22.07	21.95	21.94		
20	50	24		22.05	21.94	21.95		
20	50	50		22.04	21.92	21.95		
20	100	0		22.05	21.94	21.94		
20	1	0	64-QAM	21.81	21.70	21.71	23.91	0.2460
20	1	49		21.76	21.71	21.75		
20	1	99		21.77	21.66	21.69		
20	50	0		21.04	20.92	20.94		
20	50	24		21.02	20.93	20.92		
20	50	50		21.02	20.91	20.92		
20	100	0		21.03	20.90	20.92		
20	1	0	256-QAM	18.69	18.76	18.78	21.14	0.1300
20	1	49		18.87	18.81	18.76		
20	1	99		19.00	18.85	18.88		
20	50	0		19.04	18.91	18.90		
20	50	24		18.90	18.79	18.95		
20	50	50		18.93	18.86	18.88		
20	100	0		18.86	18.83	18.98		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.07	24.06	24.07	26.19	0.4159
15	1	37		23.95	23.95	24.09		
15	1	74		24.04	24.04	24.06		
15	36	0		23.01	22.99	23.06		
15	36	20		23.01	22.97	23.03		
15	36	39		23.00	22.98	23.03		
15	75	0		22.99	22.99	23.05		
15	1	0	16-QAM	23.05	23.05	23.11	25.21	0.3319
15	1	37		22.86	22.86	22.92		
15	1	74		23.07	23.05	23.10		
15	36	0		21.94	21.93	21.98		
15	36	20		21.93	21.91	21.97		
15	36	39		21.92	21.93	21.98		
15	75	0		21.98	21.98	22.05		
15	1	0	64-QAM	21.77	21.75	21.81	24.02	0.2523
15	1	37		21.89	21.87	21.92		
15	1	74		21.74	21.75	21.79		
15	36	0		20.94	20.93	21.00		
15	36	20		20.94	20.94	20.97		
15	36	39		20.95	20.95	20.98		
15	75	0		20.97	20.96	20.99		
15	1	0	256-QAM	18.79	18.90	18.74	21.17	0.1309
15	1	37		18.89	18.89	18.74		
15	1	74		18.89	18.86	18.81		
15	36	0		19.07	18.88	18.85		
15	36	20		18.98	18.75	18.87		
15	36	39		18.84	18.88	18.88		
15	75	0		18.74	18.94	18.93		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.96	23.99	24.01	26.13	0.4102
10	1	25		23.95	23.92	23.97		
10	1	49		23.98	24.03	24.00		
10	25	0		22.97	23.00	23.01		
10	25	12		22.96	22.98	23.02		
10	25	25		22.99	22.99	23.00		
10	50	0		22.96	22.99	23.00		
10	1	0	16-QAM	23.04	23.05	23.09	25.35	0.3428
10	1	25		23.21	23.22	23.25		
10	1	49		22.99	23.01	23.03		
10	25	0		21.97	22.01	22.02		
10	25	12		21.95	21.97	22.02		
10	25	25		21.96	21.97	22.00		
10	50	0		21.96	21.99	22.00		
10	1	0	64-QAM	21.68	21.71	21.73	24.05	0.2541
10	1	25		21.88	21.90	21.95		
10	1	49		21.69	21.71	21.70		
10	25	0		20.98	21.02	21.03		
10	25	12		20.95	20.99	21.02		
10	25	25		20.98	20.99	21.03		
10	50	0		20.95	20.97	21.01		
10	1	0	256-QAM	18.78	18.86	18.82	21.07	0.1279
10	1	25		18.97	18.87	18.72		
10	1	49		18.97	18.94	18.82		
10	25	0		18.92	18.91	18.95		
10	25	12		18.93	18.83	18.92		
10	25	25		18.80	18.78	18.78		
10	50	0		18.73	18.87	18.94		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.04	23.97	24.07	26.17	0.4140
5	1	12		23.83	23.98	23.80		
5	1	24		23.98	23.96	24.01		
5	12	0		23.01	22.97	23.02		
5	12	7		23.02	22.98	23.02		
5	12	13		23.00	22.99	23.01		
5	25	0		23.04	23.01	23.04		
5	1	0	16-QAM	22.99	22.96	23.01	25.15	0.3273
5	1	12		22.86	22.86	22.90		
5	1	24		23.04	23.02	23.05		
5	12	0		21.98	21.95	21.98		
5	12	7		21.95	21.89	21.95		
5	12	13		21.96	21.94	22.00		
5	25	0		22.02	22.00	22.05		
5	1	0	64-QAM	21.76	21.74	21.80	24.03	0.2529
5	1	12		21.92	21.89	21.93		
5	1	24		21.77	21.75	21.80		
5	12	0		20.97	20.94	20.99		
5	12	7		20.97	20.90	20.97		
5	12	13		20.95	20.94	21.00		
5	25	0		21.03	20.99	21.04		
5	1	0	256-QAM	18.70	18.87	18.85	21.13	0.1297
5	1	12		18.84	18.88	18.89		
5	1	24		19.03	18.86	18.95		
5	12	0		18.98	18.88	18.92		
5	12	7		18.95	18.91	18.92		
5	12	13		18.81	18.85	18.90		
5	25	0		18.91	18.87	18.98		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.98	25.99	25.90	28.09	0.6442
20	1	49		25.95	25.97	25.85		
20	1	99		25.96	25.98	25.84		
20	50	0		25.07	25.08	24.94		
20	50	24		25.03	25.02	24.91		
20	50	50		25.05	25.02	24.92		
20	100	0		25.03	25.04	24.90		
20	1	0	16-QAM	25.30	25.19	25.20	27.40	0.5495
20	1	49		25.28	25.20	25.19		
20	1	99		25.26	25.16	25.15		
20	50	0		24.06	23.93	23.92		
20	50	24		24.03	23.91	23.93		
20	50	50		24.01	23.89	23.92		
20	100	0		24.00	23.90	23.90		
20	1	0	64-QAM	24.10	23.99	24.02	26.22	0.4188
20	1	49		24.12	23.99	23.99		
20	1	99		24.09	23.97	23.98		
20	50	0		23.00	22.88	22.89		
20	50	24		22.99	22.87	22.85		
20	50	50		22.99	22.87	22.87		
20	100	0		22.99	22.88	22.87		
20	1	0	256-QAM	20.80	20.79	20.77	23.05	0.2018
20	1	49		20.90	20.81	20.75		
20	1	99		20.84	20.93	20.93		
20	50	0		20.95	20.91	20.91		
20	50	24		20.81	20.89	20.79		
20	50	50		20.87	20.80	20.75		
20	100	0		20.75	20.87	20.75		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.80	25.81	25.87	28.00	0.6310
15	1	37		25.90	25.88	25.90		
15	1	74		25.79	25.79	25.82		
15	36	0		24.80	24.81	24.85		
15	36	20		24.80	24.79	24.84		
15	36	39		24.80	24.79	24.85		
15	75	0		24.79	24.80	24.83		
15	1	0	16-QAM	25.03	25.02	25.08	27.30	0.5370
15	1	37		25.14	25.13	25.20		
15	1	74		25.02	25.02	25.05		
15	36	0		23.74	23.72	23.78		
15	36	20		23.73	23.73	23.76		
15	36	39		23.75	23.74	23.78		
15	75	0		23.79	23.78	23.81		
15	1	0	64-QAM	23.86	23.83	23.89	26.10	0.4074
15	1	37		23.96	23.94	24.00		
15	1	74		23.84	23.81	23.87		
15	36	0		22.73	22.70	22.76		
15	36	20		22.71	22.68	22.75		
15	36	39		22.71	22.70	22.75		
15	75	0		22.73	22.71	22.76		
15	1	0	256-QAM	20.94	20.91	20.80	23.05	0.2018
15	1	37		20.81	20.89	20.79		
15	1	74		20.95	20.78	20.94		
15	36	0		20.83	20.79	20.94		
15	36	20		20.93	20.79	20.92		
15	36	39		20.79	20.82	20.92		
15	75	0		20.92	20.93	20.75		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.65	25.67	25.69	27.81	0.6039
10	1	25		25.67	25.70	25.71		
10	1	49		25.65	25.69	25.71		
10	25	0		24.73	24.74	24.76		
10	25	12		24.72	24.74	24.76		
10	25	25		24.71	24.75	24.77		
10	50	0		24.75	24.77	24.79		
10	1	0	16-QAM	24.92	24.97	24.98	27.21	0.5260
10	1	25		25.02	25.08	25.11		
10	1	49		24.91	24.97	24.97		
10	25	0		23.73	23.76	23.80		
10	25	12		23.72	23.75	23.77		
10	25	25		23.73	23.75	23.78		
10	50	0		23.72	23.75	23.76		
10	1	0	64-QAM	23.77	23.80	23.82	25.98	0.3963
10	1	25		23.82	23.86	23.88		
10	1	49		23.74	23.77	23.79		
10	25	0		22.74	22.76	22.78		
10	25	12		22.74	22.75	22.74		
10	25	25		22.73	22.77	22.78		
10	50	0		22.70	22.71	22.72		
10	1	0	256-QAM	20.93	20.81	20.77	23.05	0.2018
10	1	25		20.81	20.80	20.90		
10	1	49		20.76	20.89	20.76		
10	25	0		20.79	20.95	20.91		
10	25	12		20.77	20.83	20.84		
10	25	25		20.80	20.78	20.91		
10	50	0		20.75	20.93	20.75		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.84	25.84	25.88	28.00	0.6310
5	1	12		25.87	25.87	25.90		
5	1	24		25.82	25.81	25.86		
5	12	0		24.89	24.87	24.91		
5	12	7		24.87	24.90	24.94		
5	12	13		24.86	24.86	24.91		
5	25	0		24.89	24.85	24.93		
5	1	0	16-QAM	25.09	25.08	25.15	27.41	0.5508
5	1	12		25.25	25.24	25.31		
5	1	24		25.10	25.09	25.15		
5	12	0		23.90	23.87	23.93		
5	12	7		23.84	23.85	23.91		
5	12	13		23.90	23.88	23.94		
5	25	0		23.91	23.87	23.95		
5	1	0	64-QAM	23.89	23.85	23.91	26.20	0.4169
5	1	12		24.06	24.02	24.10		
5	1	24		23.90	23.89	23.94		
5	12	0		22.86	22.83	22.90		
5	12	7		22.83	22.83	22.88		
5	12	13		22.88	22.84	22.88		
5	25	0		22.91	22.87	22.93		
5	1	0	256-QAM	20.85	20.75	20.82	23.04	0.2014
5	1	12		20.86	20.88	20.75		
5	1	24		20.80	20.91	20.93		
5	12	0		20.91	20.83	20.80		
5	12	7		20.76	20.86	20.79		
5	12	13		20.88	20.87	20.80		
5	25	0		20.75	20.94	20.79		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.12	24.14	24.13	26.24	0.4207
20	1	49		24.11	24.12	24.12		
20	1	99		23.95	24.00	24.00		
20	50	0		23.00	23.04	23.02		
20	50	24		22.98	23.00	22.98		
20	50	50		22.97	22.99	22.98		
20	100	0		22.96	22.99	22.98		
20	1	0	16-QAM	23.12	23.03	23.17	25.27	0.3365
20	1	49		23.03	22.99	23.11		
20	1	99		23.00	22.99	23.07		
20	50	0		21.99	21.97	22.06		
20	50	24		22.01	21.95	22.04		
20	50	50		21.96	21.93	22.02		
20	100	0		21.97	21.94	22.02		
20	1	0	64-QAM	21.80	21.71	21.85	23.96	0.2489
20	1	49		21.79	21.73	21.86		
20	1	99		21.69	21.69	21.78		
20	50	0		20.95	20.95	21.03		
20	50	24		20.94	20.94	20.99		
20	50	50		20.95	20.92	20.98		
20	100	0		20.94	20.93	20.99		
20	1	0	256-QAM	18.74	18.83	18.89	21.08	0.1282
20	1	49		18.91	18.97	18.73		
20	1	99		18.87	18.94	18.97		
20	50	0		18.82	18.96	18.79		
20	50	24		18.93	18.83	18.83		
20	50	50		18.78	18.90	18.72		
20	100	0		18.82	18.90	18.98		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.05	24.09	23.98	26.20	0.4169
15	1	37		24.10	24.10	24.00		
15	1	74		24.07	24.06	23.90		
15	36	0		23.12	23.04	22.91		
15	36	20		23.09	23.05	22.87		
15	36	39		23.08	23.06	22.87		
15	75	0		23.11	23.05	22.87		
15	1	0	16-QAM	23.16	23.10	22.98	25.26	0.3357
15	1	37		22.95	22.94	22.78		
15	1	74		23.13	23.11	22.96		
15	36	0		22.03	21.99	21.86		
15	36	20		22.01	21.98	21.83		
15	36	39		22.01	21.98	21.83		
15	75	0		22.08	22.04	21.89		
15	1	0	64-QAM	21.87	21.80	21.69	24.06	0.2547
15	1	37		21.96	21.93	21.79		
15	1	74		21.83	21.78	21.66		
15	36	0		21.03	20.98	20.87		
15	36	20		21.00	20.98	20.82		
15	36	39		21.00	20.98	20.80		
15	75	0		21.06	20.99	20.84		
15	1	0	256-QAM	18.81	18.87	18.88	21.10	0.1288
15	1	37		18.89	18.78	18.76		
15	1	74		18.81	19.00	18.92		
15	36	0		18.93	18.92	18.96		
15	36	20		18.77	18.84	18.92		
15	36	39		18.73	18.79	18.74		
15	75	0		18.83	18.74	18.89		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.09	24.06	23.95	26.19	0.4159
10	1	25		24.03	23.98	23.83		
10	1	49		24.09	24.03	23.91		
10	25	0		23.11	23.06	22.91		
10	25	12		23.10	23.04	22.90		
10	25	25		23.11	23.05	22.89		
10	50	0		23.12	23.04	22.90		
10	1	0	16-QAM	23.19	23.11	23.05	25.45	0.3508
10	1	25		23.35	23.29	23.20		
10	1	49		23.12	23.07	22.96		
10	25	0		22.12	22.06	21.94		
10	25	12		22.10	22.05	21.92		
10	25	25		22.09	22.08	21.91		
10	50	0		22.09	22.06	21.92		
10	1	0	64-QAM	21.84	21.76	21.69	24.13	0.2588
10	1	25		22.03	21.96	21.89		
10	1	49		21.79	21.77	21.65		
10	25	0		21.10	21.06	20.93		
10	25	12		21.09	21.05	20.93		
10	25	25		21.10	21.05	20.92		
10	50	0		21.07	21.04	20.89		
10	1	0	256-QAM	18.86	18.83	18.88	21.13	0.1297
10	1	25		18.92	18.80	18.78		
10	1	49		18.99	19.03	18.94		
10	25	0		18.87	19.03	18.90		
10	25	12		18.87	18.81	18.88		
10	25	25		18.90	18.79	18.88		
10	50	0		18.85	18.89	18.99		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.05	24.06	23.91	26.17	0.4140
5	1	12		24.07	23.86	23.92		
5	1	24		24.01	24.01	23.88		
5	12	0		23.05	23.02	22.86		
5	12	7		23.06	23.02	22.87		
5	12	13		23.05	23.01	22.85		
5	25	0		23.06	23.05	22.86		
5	1	0	16-QAM	23.04	22.99	22.91	25.18	0.3296
5	1	12		22.95	22.90	22.80		
5	1	24		23.08	23.06	22.95		
5	12	0		22.02	21.98	21.84		
5	12	7		21.97	21.96	21.83		
5	12	13		22.01	22.00	21.86		
5	25	0		22.04	22.06	21.87		
5	1	0	64-QAM	21.83	21.78	21.70	24.05	0.2541
5	1	12		21.95	21.94	21.83		
5	1	24		21.80	21.79	21.69		
5	12	0		21.01	21.00	20.87		
5	12	7		20.97	20.96	20.85		
5	12	13		21.00	20.99	20.85		
5	25	0		21.05	21.05	20.90		
5	1	0	256-QAM	18.79	18.81	18.81	21.11	0.1291
5	1	12		18.90	18.84	18.72		
5	1	24		18.97	19.01	18.79		
5	12	0		18.79	18.91	18.86		
5	12	7		18.93	18.91	18.83		
5	12	13		18.76	18.85	18.78		
5	25	0		18.89	18.88	18.91		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.85	25.96	25.95	28.06	0.6397
20	1	49		25.81	25.91	25.89		
20	1	99		25.82	25.95	25.85		
20	50	0		25.00	25.05	25.04		
20	50	24		24.97	24.97	25.00		
20	50	50		24.95	24.96	24.99		
20	100	0		24.95	25.01	25.00		
20	1	0	16-QAM	25.15	25.20	25.32	27.42	0.5521
20	1	49		25.15	25.18	25.27		
20	1	99		25.13	25.18	25.17		
20	50	0		23.97	23.93	24.02		
20	50	24		23.97	23.92	24.00		
20	50	50		23.94	23.90	23.98		
20	100	0		23.94	23.90	23.98		
20	1	0	64-QAM	24.07	23.99	24.15	26.25	0.4217
20	1	49		24.00	23.97	24.08		
20	1	99		23.99	24.00	24.04		
20	50	0		22.92	22.89	22.97		
20	50	24		22.91	22.87	22.96		
20	50	50		22.91	22.88	22.96		
20	100	0		22.90	22.88	22.94		
20	1	0	256-QAM	20.85	20.85	20.90	23.05	0.2018
20	1	49		20.84	20.92	20.80		
20	1	99		20.95	20.87	20.85		
20	50	0		20.85	20.91	20.88		
20	50	24		20.94	20.77	20.77		
20	50	50		20.90	20.79	20.92		
20	100	0		20.75	20.88	20.92		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.87	25.93	25.74	28.03	0.6353
15	1	37		25.84	25.87	25.89		
15	1	74		25.89	25.92	25.65		
15	36	0		24.96	24.93	24.76		
15	36	20		24.95	24.90	24.75		
15	36	39		24.94	24.91	24.73		
15	75	0		24.95	24.90	24.72		
15	1	0	16-QAM	25.06	25.15	24.96	27.37	0.5458
15	1	37		25.22	25.27	25.08		
15	1	74		25.09	25.14	24.92		
15	36	0		23.90	23.86	23.72		
15	36	20		23.89	23.84	23.71		
15	36	39		23.89	23.85	23.71		
15	75	0		23.91	23.89	23.71		
15	1	0	64-QAM	23.95	23.94	23.80	26.19	0.4159
15	1	37		24.09	24.07	23.95		
15	1	74		23.96	23.94	23.78		
15	36	0		22.89	22.82	22.70		
15	36	20		22.88	22.81	22.68		
15	36	39		22.87	22.82	22.66		
15	75	0		22.89	22.83	22.65		
15	1	0	256-QAM	20.92	20.80	20.93	23.05	0.2018
15	1	37		20.89	20.84	20.82		
15	1	74		20.81	20.76	20.81		
15	36	0		20.80	20.82	20.94		
15	36	20		20.82	20.95	20.81		
15	36	39		20.85	20.84	20.75		
15	75	0		20.94	20.86	20.75		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.75	25.81	25.63	27.94	0.6223
10	1	25		25.79	25.84	25.63		
10	1	49		25.79	25.83	25.60		
10	25	0		24.92	24.88	24.71		
10	25	12		24.90	24.88	24.69		
10	25	25		24.92	24.89	24.70		
10	50	0		24.95	24.91	24.75		
10	1	0	16-QAM	25.01	25.09	24.96	27.33	0.5408
10	1	25		25.16	25.23	25.05		
10	1	49		25.03	25.09	24.90		
10	25	0		23.93	23.90	23.75		
10	25	12		23.88	23.89	23.71		
10	25	25		23.90	23.90	23.74		
10	50	0		23.90	23.87	23.72		
10	1	0	64-QAM	23.93	23.92	23.82	26.11	0.4083
10	1	25		24.01	23.98	23.89		
10	1	49		23.91	23.90	23.77		
10	25	0		22.93	22.89	22.75		
10	25	12		22.92	22.87	22.72		
10	25	25		22.92	22.87	22.73		
10	50	0		22.87	22.82	22.66		
10	1	0	256-QAM	20.80	20.80	20.86	23.05	0.2018
10	1	25		20.86	20.81	20.79		
10	1	49		20.89	20.82	20.87		
10	25	0		20.81	20.78	20.86		
10	25	12		20.93	20.91	20.90		
10	25	25		20.81	20.94	20.81		
10	50	0		20.79	20.95	20.83		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 2.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.87	25.92	25.81	28.02	0.6339
5	1	12		25.92	25.86	25.87		
5	1	24		25.84	25.86	25.75		
5	12	0		24.99	24.99	24.81		
5	12	7		25.03	25.00	24.83		
5	12	13		25.00	24.99	24.79		
5	25	0		25.02	25.01	24.82		
5	1	0	16-QAM	25.11	25.21	25.07	27.47	0.5585
5	1	12		25.28	25.37	25.24		
5	1	24		25.13	25.23	25.07		
5	12	0		24.00	24.02	23.86		
5	12	7		23.98	23.99	23.84		
5	12	13		23.99	24.02	23.87		
5	25	0		24.01	24.03	23.89		
5	1	0	64-QAM	23.96	24.00	23.90	26.28	0.4246
5	1	12		24.15	24.18	24.11		
5	1	24		23.99	24.03	23.93		
5	12	0		22.97	22.99	22.85		
5	12	7		22.97	22.95	22.84		
5	12	13		22.96	22.98	22.84		
5	25	0		23.01	23.01	22.87		
5	1	0	256-QAM	20.94	20.91	20.92	23.05	0.2018
5	1	12		20.77	20.89	20.76		
5	1	24		20.95	20.76	20.79		
5	12	0		20.87	20.89	20.95		
5	12	7		20.77	20.80	20.95		
5	12	13		20.88	20.80	20.78		
5	25	0		20.79	20.92	20.78		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	21.22	-	22.72	0.1871
10	1	25			21.09			
10	1	49			21.17			
10	25	0			21.18			
10	25	12			21.15			
10	25	25			21.17			
10	50	0			21.18			
10	1	0	16-QAM		21.35		23.10	0.2042
10	1	25			21.60			
10	1	49			21.53			
10	25	0			21.21			
10	25	12			21.21			
10	25	25			21.21			
10	50	0			21.20			
10	1	0	64-QAM		21.26		22.89	0.1945
10	1	25			21.29			
10	1	49			21.39			
10	25	0			20.28			
10	25	12			20.29			
10	25	25			20.31			
10	50	0			20.35			
10	1	0	256-QAM		18.55		20.05	0.1012
10	1	25			18.41			
10	1	49			18.43			
10	25	0			18.45			
10	25	12			18.45			
10	25	25			18.35			
10	50	0			18.49			
Limit	EIRP < 250mW/5MHz			Result			Pass	

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



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 1.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.33	21.38	21.24	22.88	0.1941
5	1	12		21.32	21.34	21.20		
5	1	24		21.33	21.35	21.20		
5	12	0		21.26	21.26	21.25		
5	12	7		21.23	21.26	21.22		
5	12	13		21.27	21.28	21.25		
5	25	0		21.25	21.25	21.23		
5	1	0	16-QAM	21.56	21.60	21.65	23.19	0.2084
5	1	12		21.67	21.67	21.68		
5	1	24		21.65	21.69	21.64		
5	12	0		21.24	21.28	21.30		
5	12	7		21.29	21.33	21.32		
5	12	13		21.32	21.32	21.30		
5	25	0		21.24	21.25	21.25		
5	1	0	64-QAM	21.44	21.52	21.55	23.09	0.2037
5	1	12		21.47	21.52	21.54		
5	1	24		21.53	21.59	21.53		
5	12	0		20.37	20.42	20.44		
5	12	7		20.41	20.43	20.44		
5	12	13		20.45	20.44	20.44		
5	25	0		20.34	20.34	20.35		
5	1	0	256-QAM	18.36	18.44	18.45	20.05	0.1012
5	1	12		18.53	18.41	18.35		
5	1	24		18.54	18.45	18.45		
5	12	0		18.43	18.40	18.43		
5	12	7		18.53	18.55	18.53		
5	12	13		18.50	18.37	18.40		
5	25	0		18.45	18.37	18.40		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	24.11	24.15	24.10	24.95	0.3126
20	1	49		24.03	23.86	23.96		
20	1	99		24.00	24.01	23.91		
20	50	0		23.12	23.13	23.08		
20	50	24		23.07	23.06	23.03		
20	50	50		23.04	23.01	22.97		
20	100	0		23.11	23.12	23.04		
20	1	0	16-QAM	23.46	23.29	23.36	24.26	0.2667
20	1	49		23.37	23.19	23.22		
20	1	99		23.36	23.25	23.19		
20	50	0		22.19	22.02	22.06		
20	50	24		22.14	21.98	22.02		
20	50	50		22.12	21.97	21.98		
20	100	0		22.17	21.99	22.02		
20	1	0	64-QAM	22.38	22.21	22.29	23.25	0.2113
20	1	49		22.45	22.23	22.30		
20	1	99		22.29	22.14	22.12		
20	50	0		21.19	21.01	21.07		
20	50	24		21.15	20.99	21.02		
20	50	50		21.12	20.96	20.99		
20	100	0		21.14	20.97	21.00		
20	1	0	256-QAM	18.83	18.85	18.93	19.79	0.0953
20	1	49		18.79	18.95	18.98		
20	1	99		18.80	18.80	18.80		
20	50	0		18.81	18.95	18.86		
20	50	24		18.84	18.93	18.97		
20	50	50		18.96	18.99	18.97		
20	100	0		18.97	18.82	18.92		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	24.06	24.06	24.08	24.88	0.3076
15	1	37		24.01	23.96	23.78		
15	1	74		24.06	24.08	23.96		
15	36	0		23.15	23.17	23.09		
15	36	20		23.13	23.14	23.05		
15	36	39		23.11	23.13	23.01		
15	75	0		23.15	23.14	23.06		
15	1	0	16-QAM	23.46	23.45	23.37	24.26	0.2667
15	1	37		23.42	23.44	23.34		
15	1	74		23.34	23.38	23.21		
15	36	0		22.16	22.14	22.07		
15	36	20		22.12	22.12	22.03		
15	36	39		22.09	22.11	22.02		
15	75	0		22.14	22.15	22.06		
15	1	0	64-QAM	22.37	22.35	22.27	23.24	0.2109
15	1	37		22.44	22.43	22.32		
15	1	74		22.24	22.27	22.15		
15	36	0		21.16	21.15	21.06		
15	36	20		21.12	21.13	21.02		
15	36	39		21.10	21.12	21.01		
15	75	0		21.10	21.11	21.02		
15	1	0	256-QAM	18.95	18.79	18.95	19.78	0.0951
15	1	37		18.84	18.82	18.80		
15	1	74		18.85	18.98	18.88		
15	36	0		18.92	18.83	18.91		
15	36	20		18.80	18.95	18.93		
15	36	39		18.92	18.83	18.83		
15	75	0		18.80	18.87	18.85		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	24.02	23.98	23.97	24.82	0.3034
10	1	25		23.94	23.93	23.88		
10	1	49		24.00	23.96	23.90		
10	25	0		23.07	23.01	22.99		
10	25	12		23.03	22.99	22.97		
10	25	25		23.01	22.97	22.95		
10	50	0		23.04	23.01	22.98		
10	1	0	16-QAM	23.28	23.22	23.20	24.08	0.2559
10	1	25		23.25	23.19	23.16		
10	1	49		23.24	23.20	23.15		
10	25	0		22.05	21.99	21.98		
10	25	12		22.02	21.95	21.95		
10	25	25		22.01	21.95	21.92		
10	50	0		22.01	21.96	21.95		
10	1	0	64-QAM	22.18	22.10	22.10	22.98	0.1986
10	1	25		22.11	22.04	22.03		
10	1	49		22.12	22.07	22.04		
10	25	0		21.01	20.96	20.93		
10	25	12		20.97	20.94	20.91		
10	25	25		20.97	20.93	20.90		
10	50	0		21.03	20.95	20.93		
10	1	0	256-QAM	18.98	18.79	18.99	19.79	0.0953
10	1	25		18.90	18.86	18.81		
10	1	49		18.93	18.80	18.94		
10	25	0		18.82	18.97	18.82		
10	25	12		18.98	18.87	18.95		
10	25	25		18.92	18.86	18.82		
10	50	0		18.81	18.84	18.89		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.99	23.92	23.93	24.79	0.3013
5	1	12		23.82	23.86	23.81		
5	1	24		23.86	23.91	23.84		
5	12	0		22.92	22.95	22.86		
5	12	7		22.90	22.91	22.83		
5	12	13		22.92	22.94	22.84		
5	25	0		22.90	22.95	22.84		
5	1	0	16-QAM	23.21	23.23	23.12	24.04	0.2535
5	1	12		23.21	23.24	23.12		
5	1	24		23.16	23.20	23.07		
5	12	0		21.94	21.92	21.85		
5	12	7		21.94	21.95	21.88		
5	12	13		21.92	21.91	21.82		
5	25	0		21.90	21.90	21.80		
5	1	0	64-QAM	22.12	22.13	22.06	23.02	0.2004
5	1	12		22.22	22.21	22.14		
5	1	24		22.08	22.09	21.98		
5	12	0		20.94	20.95	20.87		
5	12	7		20.94	20.97	20.88		
5	12	13		20.91	20.94	20.85		
5	25	0		20.87	20.89	20.81		
5	1	0	256-QAM	18.79	18.72	18.73	19.76	0.0946
5	1	12		18.78	18.86	18.75		
5	1	24		18.89	18.92	18.87		
5	12	0		18.96	18.81	18.85		
5	12	7		18.83	18.82	18.94		
5	12	13		18.69	18.89	18.70		
5	25	0		18.71	18.90	18.81		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	24.05	24.04	24.02	24.85	0.3055
3	1	8		23.89	23.96	23.91		
3	1	14		23.94	24.01	23.96		
3	8	0		23.03	23.08	22.96		
3	8	4		22.94	22.98	22.85		
3	8	7		23.03	23.06	22.91		
3	15	0		23.05	23.12	22.99		
3	1	0	16-QAM	23.35	23.37	23.22	24.18	0.2618
3	1	8		23.25	23.29	23.15		
3	1	14		23.34	23.38	23.21		
3	8	0		22.09	22.12	21.99		
3	8	4		22.05	22.07	21.93		
3	8	7		22.04	22.07	21.93		
3	15	0		22.06	22.13	21.99		
3	1	0	64-QAM	22.25	22.28	22.15	23.08	0.2032
3	1	8		22.16	22.17	22.05		
3	1	14		22.27	22.28	22.13		
3	8	0		21.05	21.09	20.96		
3	8	4		21.00	21.04	20.91		
3	8	7		21.05	21.08	20.96		
3	15	0		20.97	21.01	20.87		
3	1	0	256-QAM	18.84	18.94	18.79	19.79	0.0953
3	1	8		18.94	18.97	18.85		
3	1	14		18.94	18.89	18.79		
3	8	0		18.86	18.86	18.85		
3	8	4		18.99	18.82	18.99		
3	8	7		18.86	18.99	18.96		
3	15	0		18.98	18.91	18.99		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 0.8 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.98	24.10	23.98	24.90	0.3090
1.4	1	3		23.93	23.97	23.83		
1.4	1	5		23.97	24.07	23.88		
1.4	3	0		24.00	24.06	23.92		
1.4	3	1		23.92	23.96	23.83		
1.4	3	3		24.00	24.06	23.92		
1.4	6	0		23.00	23.06	22.92		
1.4	1	0	16-QAM	23.31	23.31	23.19	24.12	0.2582
1.4	1	3		23.24	23.26	23.12		
1.4	1	5		23.29	23.32	23.18		
1.4	3	0		22.94	22.97	22.85		
1.4	3	1		22.99	23.03	22.89		
1.4	3	3		22.96	23.00	22.85		
1.4	6	0		22.06	22.11	21.98		
1.4	1	0	64-QAM	22.23	22.22	22.11	23.03	0.2009
1.4	1	3		22.08	22.09	21.97		
1.4	1	5		22.21	22.21	22.10		
1.4	3	0		22.06	22.09	21.96		
1.4	3	1		22.08	22.10	21.96		
1.4	3	3		22.10	22.13	21.98		
1.4	6	0		20.93	20.99	20.86		
1.4	1	0	256-QAM	18.71	18.74	18.64	19.79	0.0953
1.4	1	3		18.81	18.92	18.79		
1.4	1	5		18.80	18.82	18.74		
1.4	3	0		18.95	18.77	18.77		
1.4	3	1		18.90	18.64	18.94		
1.4	3	3		18.79	18.81	18.68		
1.4	6	0		18.80	18.87	18.99		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.68	24.74	24.72	20.29	0.1069
20	1	49		24.54	24.42	24.57		
20	1	99		24.47	24.55	24.44		
20	50	0		23.66	23.71	23.67		
20	50	24		23.61	23.63	23.61		
20	50	50		23.58	23.60	23.57		
20	100	0		23.65	23.67	23.65		
20	1	0	16-QAM	23.85	23.97	23.99	19.54	0.0899
20	1	49		23.86	23.88	23.91		
20	1	99		23.78	23.79	23.65		
20	50	0		22.66	22.68	22.67		
20	50	24		22.61	22.62	22.61		
20	50	50		22.57	22.59	22.55		
20	100	0		22.66	22.66	22.64		
20	1	0	64-QAM	22.83	22.88	22.89	18.44	0.0698
20	1	49		22.85	22.88	22.84		
20	1	99		22.73	22.71	22.60		
20	50	0		21.67	21.70	21.67		
20	50	24		21.62	21.65	21.65		
20	50	50		21.58	21.60	21.57		
20	100	0		21.61	21.65	21.60		
20	1	0	256-QAM	19.80	19.72	19.65	15.35	0.0343
20	1	49		19.72	19.67	19.77		
20	1	99		19.71	19.76	19.66		
20	50	0		19.67	19.71	19.67		
20	50	24		19.63	19.60	19.62		
20	50	50		19.77	19.60	19.67		
20	100	0		19.68	19.77	19.67		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.61	24.66	24.54	20.21	0.1050
15	1	37		24.37	24.40	24.28		
15	1	74		24.47	24.45	24.34		
15	36	0		23.64	23.65	23.56		
15	36	20		23.59	23.58	23.50		
15	36	39		23.56	23.54	23.46		
15	75	0		23.61	23.60	23.51		
15	1	0	16-QAM	23.80	23.90	23.83	19.45	0.0881
15	1	37		23.86	23.82	23.75		
15	1	74		23.76	23.73	23.50		
15	36	0		22.63	22.64	22.54		
15	36	20		22.59	22.58	22.48		
15	36	39		22.56	22.54	22.44		
15	75	0		22.61	22.59	22.51		
15	1	0	64-QAM	22.77	22.83	22.76	18.41	0.0693
15	1	37		22.85	22.86	22.76		
15	1	74		22.67	22.65	22.48		
15	36	0		21.63	21.63	21.57		
15	36	20		21.58	21.59	21.51		
15	36	39		21.56	21.55	21.45		
15	75	0		21.57	21.57	21.49		
15	1	0	256-QAM	19.69	19.69	19.63	15.33	0.0341
15	1	37		19.75	19.68	19.66		
15	1	74		19.78	19.78	19.63		
15	36	0		19.62	19.67	19.71		
15	36	20		19.63	19.71	19.62		
15	36	39		19.74	19.67	19.67		
15	75	0		19.71	19.63	19.69		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.71	24.66	24.64	20.26	0.1062
10	1	25		24.59	24.59	24.51		
10	1	49		24.61	24.55	24.48		
10	25	0		23.73	23.69	23.65		
10	25	12		23.71	23.64	23.62		
10	25	25		23.66	23.63	23.56		
10	50	0		23.71	23.66	23.64		
10	1	0	16-QAM	23.86	23.89	23.86	19.44	0.0879
10	1	25		23.88	23.82	23.79		
10	1	49		23.87	23.77	23.64		
10	25	0		22.70	22.69	22.64		
10	25	12		22.68	22.63	22.62		
10	25	25		22.66	22.61	22.56		
10	50	0		22.68	22.66	22.60		
10	1	0	64-QAM	22.79	22.81	22.79	18.36	0.0685
10	1	25		22.75	22.70	22.68		
10	1	49		22.76	22.70	22.60		
10	25	0		21.69	21.64	21.63		
10	25	12		21.66	21.61	21.60		
10	25	25		21.62	21.58	21.54		
10	50	0		21.68	21.65	21.60		
10	1	0	256-QAM	19.60	19.73	19.62	15.34	0.0342
10	1	25		19.79	19.72	19.60		
10	1	49		19.64	19.76	19.71		
10	25	0		19.79	19.70	19.67		
10	25	12		19.71	19.63	19.65		
10	25	25		19.67	19.63	19.78		
10	50	0		19.76	19.71	19.64		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -2.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.73	24.57	24.66	20.28	0.1067
5	1	12		24.55	24.51	24.51		
5	1	24		24.58	24.55	24.45		
5	12	0		23.66	23.67	23.57		
5	12	7		23.63	23.63	23.52		
5	12	13		23.67	23.61	23.52		
5	25	0		23.68	23.63	23.53		
5	1	0	16-QAM	23.87	23.91	23.85	19.46	0.0883
5	1	12		23.88	23.86	23.77		
5	1	24		23.90	23.83	23.68		
5	12	0		22.64	22.63	22.55		
5	12	7		22.66	22.64	22.54		
5	12	13		22.61	22.59	22.48		
5	25	0		22.62	22.59	22.50		
5	1	0	64-QAM	22.84	22.87	22.80	18.48	0.0705
5	1	12		22.92	22.93	22.83		
5	1	24		22.81	22.78	22.63		
5	12	0		21.69	21.68	21.60		
5	12	7		21.70	21.67	21.57		
5	12	13		21.67	21.64	21.53		
5	25	0		21.62	21.58	21.49		
5	1	0	256-QAM	19.74	19.60	19.77	15.35	0.0343
5	1	12		19.67	19.77	19.67		
5	1	24		19.62	19.61	19.66		
5	12	0		19.65	19.66	19.69		
5	12	7		19.79	19.72	19.61		
5	12	13		19.80	19.69	19.67		
5	25	0		19.73	19.61	19.73		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -1.2 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.48	-	21.13	0.1297			
10	1	25			24.37						
10	1	49			24.36						
10	25	0			23.48						
10	25	12			23.46						
10	25	25			23.44						
10	50	0			23.49						
10	1	0	16-QAM		23.64		-	20.31	0.1074		
10	1	25			23.66						
10	1	49			23.60						
10	25	0			22.48						
10	25	12			22.47						
10	25	25			22.48						
10	50	0			22.50						
10	1	0	64-QAM		22.63			-	19.28	0.0847	
10	1	25			22.61						
10	1	49			22.62						
10	25	0			21.48						
10	25	12			21.46						
10	25	25			21.45						
10	50	0			21.51						
10	1	0	256-QAM		19.38				-	16.15	0.0412
10	1	25			19.45						
10	1	49			19.50						
10	25	0			19.44						
10	25	12			19.30						
10	25	25			19.35						
10	50	0			19.42						
Limit	ERP < 3W			Result						Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -1.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.44	24.44	24.46	21.11	0.1291
5	1	12		24.41	24.45	24.42		
5	1	24		24.46	24.44	24.41		
5	12	0		23.54	23.48	23.53		
5	12	7		23.51	23.47	23.48		
5	12	13		23.55	23.49	23.48		
5	25	0		23.54	23.48	23.49		
5	1	0	16-QAM	23.75	23.70	23.79	20.44	0.1107
5	1	12		23.73	23.72	23.71		
5	1	24		23.75	23.70	23.65		
5	12	0		22.50	22.47	22.51		
5	12	7		22.53	22.47	22.50		
5	12	13		22.49	22.45	22.45		
5	25	0		22.49	22.43	22.44		
5	1	0	64-QAM	22.71	22.65	22.73	19.45	0.0881
5	1	12		22.80	22.77	22.77		
5	1	24		22.70	22.65	22.60		
5	12	0		21.53	21.49	21.55		
5	12	7		21.54	21.51	21.53		
5	12	13		21.53	21.49	21.46		
5	25	0		21.47	21.42	21.44		
5	1	0	256-QAM	19.47	19.39	19.50	16.15	0.0412
5	1	12		19.32	19.34	19.40		
5	1	24		19.32	19.33	19.40		
5	12	0		19.34	19.36	19.31		
5	12	7		19.45	19.44	19.37		
5	12	13		19.49	19.36	19.38		
5	25	0		19.45	19.44	19.50		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.34	-	-	20.89	0.1227
15	1	37		24.15	-	-		
15	1	74		24.27	-	-		
15	36	0		23.35	-	-		
15	36	20		23.34	-	-		
15	36	39		23.34	-	-		
15	75	0		23.36	-	-		
15	1	0	16-QAM	23.55	-	-	20.14	0.1033
15	1	37		23.59	-	-		
15	1	74		23.55	-	-		
15	36	0		22.33	-	-		
15	36	20		22.31	-	-		
15	36	39		22.32	-	-		
15	75	0		22.33	-	-		
15	1	0	64-QAM	22.53	-	-	19.18	0.0828
15	1	37		22.63	-	-		
15	1	74		22.48	-	-		
15	36	0		20.32	-	-		
15	36	20		20.29	-	-		
15	36	39		20.29	-	-		
15	75	0		20.28	-	-		
15	1	0	256-QAM	17.71	-	-	14.38	0.0274
15	1	37		17.81	-	-		
15	1	74		17.83	-	-		
15	36	0		17.13	-	-		
15	36	20		17.12	-	-		
15	36	39		17.16	-	-		
15	75	0		17.10	-	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.32	-	20.87	0.1222
10	1	25		-	24.31	-		
10	1	49		-	24.31	-		
10	25	0		-	23.41	-		
10	25	12		-	23.38	-		
10	25	25		-	23.38	-		
10	50	0		-	23.40	-		
10	1	0	16-QAM	-	23.61	-	20.16	0.1038
10	1	25		-	23.58	-		
10	1	49		-	23.56	-		
10	25	0		-	22.39	-		
10	25	12		-	22.36	-		
10	25	25		-	22.34	-		
10	50	0		-	22.37	-		
10	1	0	64-QAM	-	22.51	-	19.06	0.0805
10	1	25		-	22.44	-		
10	1	49		-	22.46	-		
10	25	0		-	20.37	-		
10	25	12		-	20.35	-		
10	25	25		-	20.31	-		
10	50	0		-	20.36	-		
10	1	0	256-QAM	-	17.87	-	14.42	0.0277
10	1	25		-	17.86	-		
10	1	49		-	17.70	-		
10	25	0		-	17.20	-		
10	25	12		-	17.06	-		
10	25	25		-	17.12	-		
10	50	0		-	17.16	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.30	24.20	24.21	20.95	0.1245
5	1	12		24.29	24.22	24.39		
5	1	24		24.31	24.30	24.40		
5	12	0		23.39	23.46	23.34		
5	12	7		23.37	23.40	23.34		
5	12	13		23.40	23.42	23.47		
5	25	0		23.41	23.37	23.47		
5	1	0	16-QAM	23.63	23.73	23.63	20.28	0.1067
5	1	12		23.62	23.61	23.55		
5	1	24		23.64	23.66	23.58		
5	12	0		22.37	22.39	22.39		
5	12	7		22.38	22.28	22.44		
5	12	13		22.35	22.27	22.26		
5	25	0		22.32	22.39	22.40		
5	1	0	64-QAM	22.58	22.65	22.56	19.22	0.0836
5	1	12		22.67	22.60	22.64		
5	1	24		22.57	22.61	22.54		
5	12	0		20.41	20.34	20.41		
5	12	7		20.41	20.45	20.34		
5	12	13		20.41	20.39	20.43		
5	25	0		20.33	20.24	20.32		
5	1	0	256-QAM	17.73	17.68	17.74	14.45	0.0279
5	1	12		17.88	17.90	17.81		
5	1	24		17.81	17.77	17.89		
5	12	0		17.16	17.23	17.09		
5	12	7		17.10	17.06	17.03		
5	12	13		17.19	17.18	17.09		
5	25	0		17.23	17.33	17.17		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.32	24.40	24.32	20.95	0.1245
3	1	8		24.21	24.23	24.19		
3	1	14		24.27	24.27	24.25		
3	8	0		23.36	23.41	23.35		
3	8	4		23.27	23.31	23.19		
3	8	7		23.35	23.45	23.26		
3	15	0		23.45	23.40	23.46		
3	1	0	16-QAM	23.56	23.53	23.53	20.17	0.1040
3	1	8		23.50	23.46	23.44		
3	1	14		23.60	23.58	23.62		
3	8	0		22.39	22.37	22.44		
3	8	4		22.34	22.24	22.34		
3	8	7		22.34	22.38	22.38		
3	15	0		22.41	22.37	22.40		
3	1	0	64-QAM	22.51	22.42	22.42	19.16	0.0824
3	1	8		22.43	22.47	22.42		
3	1	14		22.54	22.46	22.61		
3	8	0		20.38	20.29	20.36		
3	8	4		20.33	20.29	20.30		
3	8	7		20.40	20.41	20.40		
3	15	0		20.29	20.21	20.19		
3	1	0	256-QAM	17.87	17.78	17.84	14.44	0.0278
3	1	8		17.79	17.89	17.89		
3	1	14		17.76	17.68	17.70		
3	8	0		17.16	17.09	17.24		
3	8	4		17.24	17.33	17.15		
3	8	7		17.16	17.08	17.11		
3	15	0		17.23	17.22	17.21		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.19	24.12	24.11	20.82	0.1208
1.4	1	3		24.11	24.11	24.07		
1.4	1	5		24.18	24.16	24.20		
1.4	3	0		24.25	24.17	24.18		
1.4	3	1		24.13	24.05	24.13		
1.4	3	3		24.27	24.20	24.17		
1.4	6	0		23.29	23.32	23.37		
1.4	1	0	16-QAM	23.50	23.50	23.55	20.14	0.1033
1.4	1	3		23.43	23.45	23.39		
1.4	1	5		23.49	23.48	23.59		
1.4	3	0		23.20	23.25	23.18		
1.4	3	1		23.25	23.18	23.32		
1.4	3	3		23.21	23.15	23.26		
1.4	6	0		22.32	22.24	22.28		
1.4	1	0	64-QAM	22.42	22.48	22.39	19.05	0.0804
1.4	1	3		22.26	22.31	22.21		
1.4	1	5		22.41	22.32	22.50		
1.4	3	0		22.29	22.21	22.38		
1.4	3	1		22.32	22.25	22.42		
1.4	3	3		22.34	22.31	22.42		
1.4	6	0		20.36	20.37	20.37		
1.4	1	0	256-QAM	17.64	17.68	17.72	14.27	0.0267
1.4	1	3		17.53	17.62	17.49		
1.4	1	5		17.61	17.65	17.65		
1.4	3	0		17.60	17.52	17.68		
1.4	3	1		17.65	17.65	17.65		
1.4	3	3		17.52	17.50	17.42		
1.4	6	0		17.16	17.06	17.11		
Limit	Power < 100W			Result			Pass	



LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	24.32	-	20.87	0.1222
15	1	37		-	24.12	-		
15	1	74		-	24.25	-		
15	36	0		-	23.42	-		
15	36	20		-	23.37	-		
15	36	39		-	23.42	-		
15	75	0		-	23.31	-		
15	1	0	16-QAM	-	23.49	-	20.16	0.1038
15	1	37		-	23.58	-		
15	1	74		-	23.61	-		
15	36	0		-	22.23	-		
15	36	20		-	22.38	-		
15	36	39		-	22.38	-		
15	75	0		-	22.35	-		
15	1	0	64-QAM	-	22.50	-	19.10	0.0813
15	1	37		-	22.55	-		
15	1	74		-	22.41	-		
15	36	0		-	20.34	-		
15	36	20		-	20.36	-		
15	36	39		-	20.23	-		
15	75	0		-	20.33	-		
15	1	0	256-QAM	-	17.63	-	14.46	0.0279
15	1	37		-	17.78	-		
15	1	74		-	17.91	-		
15	36	0		-	17.16	-		
15	36	20		-	17.18	-		
15	36	39		-	17.13	-		
15	75	0		-	17.09	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.23	-	20.82	0.1208
10	1	25		-	24.25	-		
10	1	49		-	24.27	-		
10	25	0		-	23.45	-		
10	25	12		-	23.37	-		
10	25	25		-	23.35	-		
10	50	0		-	23.34	-		
10	1	0	16-QAM	-	23.59	-	20.27	0.1064
10	1	25		-	23.59	-		
10	1	49		-	23.72	-		
10	25	0		-	22.44	-		
10	25	12		-	22.39	-		
10	25	25		-	22.47	-		
10	50	0		-	22.42	-		
10	1	0	64-QAM	-	22.53	-	19.08	0.0809
10	1	25		-	22.53	-		
10	1	49		-	22.45	-		
10	25	0		-	20.41	-		
10	25	12		-	20.40	-		
10	25	25		-	20.39	-		
10	50	0		-	20.40	-		
10	1	0	256-QAM	-	17.67	-	14.46	0.0279
10	1	25		-	17.85	-		
10	1	49		-	17.91	-		
10	25	0		-	17.25	-		
10	25	12		-	17.22	-		
10	25	25		-	17.20	-		
10	50	0		-	17.09	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	24.35	-	20.90	0.1230
5	1	12		-	24.21	-		
5	1	24		-	24.21	-		
5	12	0		-	23.47	-		
5	12	7		-	23.32	-		
5	12	13		-	23.44	-		
5	25	0		-	23.45	-		
5	1	0	16-QAM	-	23.69	-	20.25	0.1059
5	1	12		-	23.57	-		
5	1	24		-	23.70	-		
5	12	0		-	22.29	-		
5	12	7		-	22.36	-		
5	12	13		-	22.36	-		
5	25	0		-	22.29	-		
5	1	0	64-QAM	-	22.62	-	19.24	0.0839
5	1	12		-	22.69	-		
5	1	24		-	22.65	-		
5	12	0		-	20.35	-		
5	12	7		-	20.32	-		
5	12	13		-	20.34	-		
5	25	0		-	20.24	-		
5	1	0	256-QAM	-	17.65	-	14.40	0.0275
5	1	12		-	17.84	-		
5	1	24		-	17.85	-		
5	12	0		-	17.23	-		
5	12	7		-	17.06	-		
5	12	13		-	17.26	-		
5	25	0		-	17.18	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	24.28	-	20.87	0.1222
3	1	8		-	24.29	-		
3	1	14		-	24.32	-		
3	8	0		-	23.43	-		
3	8	4		-	23.32	-		
3	8	7		-	23.38	-		
3	15	0		-	23.46	-		
3	1	0	16-QAM	-	23.48	-	20.19	0.1045
3	1	8		-	23.53	-		
3	1	14		-	23.64	-		
3	8	0		-	22.31	-		
3	8	4		-	22.28	-		
3	8	7		-	22.32	-		
3	15	0		-	22.49	-		
3	1	0	64-QAM	-	22.48	-	19.11	0.0815
3	1	8		-	22.43	-		
3	1	14		-	22.56	-		
3	8	0		-	20.40	-		
3	8	4		-	20.31	-		
3	8	7		-	20.30	-		
3	15	0		-	20.24	-		
3	1	0	256-QAM	-	17.83	-	14.43	0.0277
3	1	8		-	17.88	-		
3	1	14		-	17.67	-		
3	8	0		-	17.06	-		
3	8	4		-	17.29	-		
3	8	7		-	17.09	-		
3	15	0		-	17.22	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -1.3 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	24.27	-	20.87	0.1222
1.4	1	3		-	24.04	-		
1.4	1	5		-	24.24	-		
1.4	3	0		-	24.18	-		
1.4	3	1		-	24.21	-		
1.4	3	3		-	24.32	-		
1.4	6	0		-	23.32	-		
1.4	1	0	16-QAM	-	23.60	-	20.15	0.1035
1.4	1	3		-	23.41	-		
1.4	1	5		-	23.47	-		
1.4	3	0		-	23.14	-		
1.4	3	1		-	23.24	-		
1.4	3	3		-	23.28	-		
1.4	6	0		-	22.23	-		
1.4	1	0	64-QAM	-	22.41	-	18.96	0.0787
1.4	1	3		-	22.28	-		
1.4	1	5		-	22.41	-		
1.4	3	0		-	22.30	-		
1.4	3	1		-	22.41	-		
1.4	3	3		-	22.37	-		
1.4	6	0		-	20.35	-		
1.4	1	0	256-QAM	-	17.60	-	14.17	0.0261
1.4	1	3		-	17.58	-		
1.4	1	5		-	17.59	-		
1.4	3	0		-	17.56	-		
1.4	3	1		-	17.62	-		
1.4	3	3		-	17.53	-		
1.4	6	0		-	17.23	-		
Limit	Reporting Only			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -1.3 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	21.40	21.52	21.53	20.13	0.1030
10+10	1	0	1	49		15.22	15.33	15.22		
10+10	1	49	1	0		23.52	23.58	23.53		
10+10	50	0	50	0	16-QAM	20.44	20.51	20.52	19.38	0.0867
10+10	1	0	1	49		15.58	15.64	15.47		
10+10	1	49	1	0		22.77	22.71	22.83		
10+10	50	0	50	0	64-QAM	20.50	20.52	20.53	17.30	0.0537
10+10	1	0	1	49		15.43	15.57	15.49		
10+10	1	49	1	0		20.69	20.70	20.75		
10+10	50	0	50	0	256-QAM	18.47	18.51	18.49	15.34	0.0342
10+10	1	0	1	49		15.27	15.30	15.30		
10+10	1	49	1	0		18.64	18.79	18.67		
10+5	50	0	25	0	QPSK	21.43	21.44	21.44	19.95	0.0989
10+5	1	0	1	24		13.28	13.26	13.27		
10+5	1	49	1	0		23.40	23.39	23.40		
10+5	50	0	25	0	16-QAM	19.88	19.71	20.48	19.33	0.0857
10+5	1	0	1	24		13.57	13.75	13.59		
10+5	1	49	1	0		22.58	21.76	22.78		
10+5	50	0	25	0	64-QAM	20.43	20.44	19.98	17.19	0.0524
10+5	1	0	1	24		13.49	13.92	13.53		
10+5	1	49	1	0		20.53	20.60	20.64		
10+5	50	0	25	0	256-QAM	17.59	18.43	18.48	15.06	0.0321
10+5	1	0	1	24		13.61	13.41	13.34		
10+5	1	49	1	0		18.50	18.51	17.67		
5+10	25	0	50	0	QPSK	21.52	21.40	21.44	19.98	0.0995
5+10	1	0	1	49		13.32	13.12	13.22		
5+10	1	24	1	0		23.43	23.31	23.27		
5+10	25	0	50	0	16-QAM	20.51	19.72	20.43	19.29	0.0849
5+10	1	0	1	49		13.77	13.56	13.61		
5+10	1	24	1	0		22.74	22.67	22.06		
5+10	25	0	50	0	64-QAM	20.48	20.44	19.81	17.32	0.0540
5+10	1	0	1	49		13.60	13.52	13.49		
5+10	1	24	1	0		20.77	20.53	19.65		
5+10	25	0	50	0	256-QAM	18.49	18.42	18.46	15.07	0.0321
5+10	1	0	1	49		13.47	13.34	13.39		
5+10	1	24	1	0		18.52	18.41	18.38		
Limit	ERP < 7W					Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -1.3 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.47	23.36	23.38	20.02	0.1005
5+3	1	0	1	14		13.66	13.59	13.78		
5+3	1	24	1	0		23.27	23.30	23.34		
5+3	25	0	15	0	16-QAM	23.45	23.03	22.63	20.19	0.1045
5+3	1	0	1	14		14.18	14.14	14.29		
5+3	1	24	1	0		23.59	22.72	23.64		
5+3	25	0	15	0	64-QAM	23.43	23.40	23.50	20.18	0.1042
5+3	1	0	1	14		14.10	14.06	14.15		
5+3	1	24	1	0		22.86	22.79	23.63		
5+3	25	0	15	0	256-QAM	22.86	23.29	23.42	19.97	0.0993
5+3	1	0	1	14		14.01	13.78	13.88		
5+3	1	24	1	0		23.26	23.28	22.74		
3+5	15	0	25	0	QPSK	22.80	23.50	22.72	20.05	0.1012
3+5	1	0	1	24		13.70	13.68	14.15		
3+5	1	14	1	0		23.25	22.44	23.20		
3+5	15	0	25	0	16-QAM	23.50	23.38	23.46	20.27	0.1064
3+5	1	0	1	24		14.15	14.21	14.01		
3+5	1	14	1	0		22.82	23.72	23.06		
3+5	15	0	25	0	64-QAM	23.31	22.71	23.43	20.12	0.1028
3+5	1	0	1	24		14.00	13.98	14.22		
3+5	1	14	1	0		22.71	23.39	23.57		
3+5	15	0	25	0	256-QAM	23.49	23.40	23.48	20.04	0.1009
3+5	1	0	1	24		13.80	13.88	13.86		
3+5	1	14	1	0		23.44	23.30	23.40		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+10	50	0	50	0	QPSK	21.65	21.78	21.76	24.57	0.2864
10+10	1	0	1	49		15.42	15.50	15.53		
10+10	1	49	1	0		23.66	23.76	23.77		
10+10	50	0	50	0	16-QAM	20.67	20.83	20.78	24.07	0.2553
10+10	1	0	1	49		15.74	15.76	15.99		
10+10	1	49	1	0		23.02	23.14	23.27		
10+10	50	0	50	0	64-QAM	20.70	20.82	20.85	21.90	0.1549
10+10	1	0	1	49		15.69	15.75	15.81		
10+10	1	49	1	0		20.94	21.10	21.06		
10+10	50	0	50	0	256-QAM	18.69	18.80	18.81	19.77	0.0948
10+10	1	0	1	49		15.54	15.62	15.62		
10+10	1	49	1	0		18.88	18.94	18.97		
15+5	75	0	25	0	QPSK	21.25	21.75	21.72	24.53	0.2838
15+5	1	0	1	24		15.51	15.47	15.49		
15+5	1	74	1	0		23.73	22.82	23.62		
15+5	75	0	25	0	16-QAM	20.81	21.87	20.79	23.82	0.2410
15+5	1	0	1	24		15.78	15.85	15.75		
15+5	1	74	1	0		22.98	23.01	23.02		
15+5	75	0	25	0	64-QAM	20.76	20.73	20.76	21.83	0.1524
15+5	1	0	1	24		15.77	15.86	15.76		
15+5	1	74	1	0		20.89	20.99	21.03		
15+5	75	0	25	0	256-QAM	18.80	18.74	18.76	19.62	0.0916
15+5	1	0	1	24		15.68	15.61	15.63		
15+5	1	74	1	0		18.81	18.78	18.82		
5+15	25	0	75	0	QPSK	21.69	21.69	21.74	24.50	0.2818
5+15	1	0	1	74		15.46	15.52	15.54		
5+15	1	24	1	0		23.65	23.70	22.95		
5+15	25	0	75	0	16-QAM	20.81	20.78	20.82	23.90	0.2455
5+15	1	0	1	74		15.77	15.78	15.87		
5+15	1	24	1	0		23.08	23.10	23.02		
5+15	25	0	75	0	64-QAM	20.79	20.74	20.17	21.76	0.1500
5+15	1	0	1	74		15.66	15.72	15.73		
5+15	1	24	1	0		20.96	20.92	20.12		
5+15	25	0	75	0	256-QAM	18.75	18.75	18.76	19.63	0.0918
5+15	1	0	1	74		15.67	15.49	15.67		
5+15	1	24	1	0		18.80	18.83	18.15		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
10+5	50	0	25	0	QPSK	21.57	21.64	21.67	24.29	0.2685
10+5	1	0	1	24		13.45	13.54	13.54		
10+5	1	49	1	0		23.01	23.49	23.15		
10+5	50	0	25	0	16-QAM	20.64	20.70	20.70	23.79	0.2393
10+5	1	0	1	24		13.37	13.78	13.82		
10+5	1	49	1	0		22.95	22.90	22.99		
10+5	50	0	25	0	64-QAM	20.65	20.69	20.74	21.76	0.1500
10+5	1	0	1	24		13.67	13.62	13.81		
10+5	1	49	1	0		20.80	20.96	20.92		
10+5	50	0	25	0	256-QAM	17.76	18.69	18.70	19.65	0.0923
10+5	1	0	1	24		13.48	13.47	13.85		
10+5	1	49	1	0		18.70	18.74	18.85		
5+10	25	0	50	0	QPSK	21.78	21.69	21.66	24.48	0.2805
5+10	1	0	1	49		13.55	13.49	13.63		
5+10	1	24	1	0		23.66	23.68	23.65		
5+10	25	0	50	0	16-QAM	20.04	20.78	20.72	23.83	0.2415
5+10	1	0	1	49		13.78	13.84	13.85		
5+10	1	24	1	0		22.16	23.03	23.00		
5+10	25	0	50	0	64-QAM	20.80	20.75	20.73	21.75	0.1496
5+10	1	0	1	49		13.60	13.77	13.79		
5+10	1	24	1	0		20.90	20.95	20.88		
5+10	25	0	50	0	256-QAM	18.80	18.71	18.72	19.60	0.0912
5+10	1	0	1	49		13.69	13.53	13.57		
5+10	1	24	1	0		18.75	18.74	18.71		
5+5	25	0	25	0	QPSK	21.86	21.83	21.72	24.58	0.2871
5+5	1	0	1	24		14.02	13.94	13.99		
5+5	1	24	1	0		23.10	23.78	22.92		
5+5	25	0	25	0	16-QAM	20.91	20.89	20.83	23.89	0.2449
5+5	1	0	1	24		14.42	14.34	14.33		
5+5	1	24	1	0		23.09	22.97	23.07		
5+5	25	0	25	0	64-QAM	20.83	19.95	20.81	21.88	0.1542
5+5	1	0	1	24		14.32	20.28	14.25		
5+5	1	24	1	0		21.08	20.17	21.06		
5+5	25	0	25	0	256-QAM	18.78	17.92	18.80	19.66	0.0925
5+5	1	0	1	24		14.16	18.19	14.07		
5+5	1	24	1	0		18.86	18.09	18.75		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.96	22.03	21.04	24.86	0.3062
20+20	1	0	1	99		15.71	15.74	15.72		
20+20	1	99	1	0		23.68	24.06	23.96		
20+20	100	0	100	0	16-QAM	20.99	21.00	20.97	24.23	0.2649
20+20	1	0	1	99		15.99	16.13	16.12		
20+20	1	99	1	0		23.23	23.43	23.32		
20+20	100	0	100	0	64-QAM	21.00	21.03	20.96	22.08	0.1614
20+20	1	0	1	99		16.03	16.00	16.02		
20+20	1	99	1	0		21.25	21.28	21.27		
20+20	100	0	100	0	256-QAM	18.97	19.08	18.97	20.03	0.1007
20+20	1	0	1	99		15.87	15.92	15.85		
20+20	1	99	1	0		19.12	19.23	19.09		
20+15	100	0	75	0	QPSK	21.81	21.34	21.86	23.96	0.2489
20+15	1	0	1	74		15.51	15.59	15.59		
20+15	1	74	1	0		23.05	23.16	22.92		
20+15	100	0	75	0	16-QAM	20.82	20.81	20.02	24.01	0.2518
20+15	1	0	1	74		15.85	15.99	15.92		
20+15	1	74	1	0		22.84	23.08	23.21		
20+15	100	0	75	0	64-QAM	20.82	19.85	20.90	21.88	0.1542
20+15	1	0	1	74		15.88	15.81	15.87		
20+15	1	74	1	0		20.97	20.92	21.08		
20+15	100	0	75	0	256-QAM	18.81	18.78	18.87	19.71	0.0935
20+15	1	0	1	74		15.69	15.66	15.67		
20+15	1	74	1	0		18.91	18.82	18.28		
15+20	75	0	100	0	QPSK	21.85	21.79	21.78	24.56	0.2858
15+20	1	0	1	99		15.52	15.52	15.43		
15+20	1	74	1	0		23.76	23.08	23.71		
15+20	75	0	100	0	16-QAM	20.82	20.78	20.73	23.95	0.2483
15+20	1	0	1	99		15.82	15.82	15.71		
15+20	1	74	1	0		23.10	23.15	22.87		
15+20	75	0	100	0	64-QAM	20.82	20.79	20.78	21.81	0.1517
15+20	1	0	1	99		15.71	15.75	15.69		
15+20	1	74	1	0		21.01	20.09	21.01		
15+20	75	0	100	0	256-QAM	18.83	18.77	18.73	19.67	0.0927
15+20	1	0	1	99		15.63	15.60	15.58		
15+20	1	74	1	0		18.87	18.85	18.85		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	21.77	21.76	21.74	24.56	0.2858
20+10	1	0	1	49		15.49	15.45	15.56		
20+10	1	99	1	0		23.74	23.76	23.62		
20+10	100	0	50	0	16-QAM	20.80	20.76	20.78	23.93	0.2472
20+10	1	0	1	49		15.92	15.87	15.98		
20+10	1	99	1	0		23.13	22.99	22.26		
20+10	100	0	50	0	64-QAM	20.79	20.77	20.11	21.83	0.1524
20+10	1	0	1	49		15.68	15.77	15.77		
20+10	1	99	1	0		20.98	20.95	21.03		
20+10	100	0	50	0	256-QAM	18.76	18.71	18.79	19.67	0.0927
20+10	1	0	1	49		15.57	15.51	15.56		
20+10	1	99	1	0		18.81	18.87	18.84		
10+20	50	0	100	0	QPSK	21.40	21.10	20.76	24.59	0.2877
10+20	1	0	1	99		15.14	15.44	15.46		
10+20	1	49	1	0		22.66	23.79	23.70		
10+20	50	0	100	0	16-QAM	20.43	20.78	20.75	23.81	0.2404
10+20	1	0	1	99		15.45	15.80	15.82		
10+20	1	49	1	0		22.65	23.01	23.00		
10+20	50	0	100	0	64-QAM	19.26	20.80	20.74	21.77	0.1503
10+20	1	0	1	99		15.36	15.76	15.60		
10+20	1	49	1	0		20.64	20.94	20.97		
10+20	50	0	100	0	256-QAM	18.45	18.79	18.74	19.60	0.0912
10+20	1	0	1	99		15.14	15.56	15.56		
10+20	1	49	1	0		18.47	18.80	17.86		
20+5	100	0	25	0	QPSK	20.80	21.89	21.75	24.17	0.2612
20+5	1	0	1	24		15.57	15.68	15.53		
20+5	1	99	1	0		23.37	23.12	22.81		
20+5	100	0	25	0	16-QAM	20.86	20.82	19.98	23.85	0.2427
20+5	1	0	1	24		15.82	15.98	16.02		
20+5	1	99	1	0		23.05	22.54	22.42		
20+5	100	0	25	0	64-QAM	20.84	19.94	20.19	21.84	0.1528
20+5	1	0	1	24		15.88	15.84	15.93		
20+5	1	99	1	0		20.91	21.04	20.18		
20+5	100	0	25	0	256-QAM	18.81	18.81	18.86	19.72	0.0938
20+5	1	0	1	24		15.66	15.59	15.64		
20+5	1	99	1	0		18.92	18.84	18.92		
Limit	EIRP < 1W					Result			Pass	



LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	21.63	21.80	21.86	24.54	0.2844
5+20	1	0	1	99		14.95	15.62	15.55		
5+20	1	24	1	0		23.55	23.74	23.71		
5+20	25	0	100	0	16-QAM	20.74	20.88	20.84	23.91	0.2460
5+20	1	0	1	99		15.81	15.85	15.82		
5+20	1	24	1	0		22.96	23.11	23.11		
5+20	25	0	100	0	64-QAM	20.73	20.88	20.88	21.86	0.1535
5+20	1	0	1	99		15.61	15.86	15.87		
5+20	1	24	1	0		21.00	21.06	20.99		
5+20	25	0	100	0	256-QAM	18.68	18.16	18.87	19.67	0.0927
5+20	1	0	1	99		15.54	15.74	15.76		
5+20	1	24	1	0		18.69	17.94	18.83		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 0.8 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
15+10	75	0	50	0	QPSK	21.75	21.70	21.77	24.56	0.2858
15+10	1	0	1	49		15.56	15.44	15.49		
15+10	1	74	1	0		23.76	23.53	23.67		
15+10	75	0	50	0	16-QAM	20.81	20.74	20.79	23.90	0.2455
15+10	1	0	1	49		15.95	15.90	15.75		
15+10	1	74	1	0		23.04	23.10	23.08		
15+10	75	0	50	0	64-QAM	20.85	19.83	20.78	21.84	0.1528
15+10	1	0	1	49		15.73	15.72	15.84		
15+10	1	74	1	0		21.01	21.01	21.04		
15+10	75	0	50	0	256-QAM	18.85	18.77	18.77	19.89	0.0975
15+10	1	0	1	49		15.64	19.09	15.60		
15+10	1	74	1	0		18.84	18.81	18.84		
10+15	50	0	75	0	QPSK	21.62	21.77	21.76	24.59	0.2877
10+15	1	0	1	74		15.39	15.49	15.56		
10+15	1	49	1	0		23.68	23.79	23.10		
10+15	50	0	75	0	16-QAM	20.70	20.76	19.82	23.96	0.2489
10+15	1	0	1	74		15.60	15.77	15.90		
10+15	1	49	1	0		23.02	23.16	23.13		
10+15	50	0	75	0	64-QAM	20.72	20.79	20.82	21.90	0.1549
10+15	1	0	1	74		15.68	15.69	15.78		
10+15	1	49	1	0		21.00	19.99	21.10		
10+15	50	0	75	0	256-QAM	18.70	18.80	17.83	19.60	0.0912
10+15	1	0	1	74		15.56	15.53	15.61		
10+15	1	49	1	0		18.79	17.93	18.23		
15+15	75	0	75	0	QPSK	21.79	21.85	21.90	24.67	0.2931
15+15	1	0	1	74		15.54	15.52	15.60		
15+15	1	74	1	0		23.85	23.83	23.87		
15+15	75	0	75	0	16-QAM	20.87	20.84	20.87	24.10	0.2570
15+15	1	0	1	74		15.93	15.88	15.93		
15+15	1	74	1	0		23.11	23.13	23.30		
15+15	75	0	75	0	64-QAM	20.87	20.86	20.90	21.97	0.1574
15+15	1	0	1	74		15.87	15.83	15.87		
15+15	1	74	1	0		21.10	21.06	21.17		
15+15	75	0	75	0	256-QAM	18.90	18.85	18.86	19.77	0.0948
15+15	1	0	1	74		15.75	15.70	15.71		
15+15	1	74	1	0		18.89	18.91	18.97		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.6 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.82	21.69	21.74	25.45	0.3508
20+20	1	0	0	0		23.10	23.24	23.29		
20+20	1	0	1	99		15.54	15.48	15.47		
20+20	1	99	1	0		23.83	23.72	23.85		
20+20	100	0	100	0	16-QAM	20.89	20.83	20.87	24.77	0.2999
20+20	1	0	0	0		22.56	22.66	22.68		
20+20	1	0	1	99		15.88	15.88	15.86		
20+20	1	99	1	0		23.17	23.11	23.09		
20+20	100	0	100	0	64-QAM	20.90	20.79	20.84	22.70	0.1862
20+20	1	0	1	99		15.80	15.76	15.61		
20+20	1	99	1	0		21.10	21.05	21.08		
20+20	100	0	100	0	256-QAM	18.83	18.76	18.76	20.61	0.1151
20+20	1	0	1	99		15.66	15.58	15.64		
20+20	1	99	1	0		19.01	18.85	18.92		
20+15	100	0	75	0	QPSK	21.70	20.99	21.75	25.35	0.3428
20+15	1	0	0	0		23.08	23.22	23.27		
20+15	1	0	1	74		15.45	15.43	15.44		
20+15	1	99	1	0		23.07	22.82	23.75		
20+15	100	0	75	0	16-QAM	20.77	19.65	20.69	24.64	0.2911
20+15	1	0	0	0		22.66	22.77	22.69		
20+15	1	0	1	74		15.70	15.60	15.80		
20+15	1	99	1	0		23.04	22.52	22.86		
20+15	100	0	75	0	64-QAM	20.75	20.74	20.70	22.60	0.1820
20+15	1	0	1	74		15.70	15.52	15.62		
20+15	1	99	1	0		20.91	21.00	20.96		
20+15	100	0	75	0	256-QAM	18.73	18.71	18.69	20.44	0.1107
20+15	1	0	1	74		15.57	15.52	15.54		
20+15	1	99	1	0		18.84	17.88	18.09		
15+20	75	0	100	0	QPSK	21.79	20.68	21.78	25.49	0.3540
15+20	1	0	0	0		23.14	23.19	23.33		
15+20	1	0	1	99		15.40	15.35	15.40		
15+20	1	74	1	0		23.10	23.08	23.89		
15+20	75	0	100	0	16-QAM	19.94	20.73	20.76	24.83	0.3041
15+20	1	0	0	0		22.53	22.66	22.82		
15+20	1	0	1	99		15.80	15.63	15.94		
15+20	1	74	1	0		22.94	23.23	22.63		
15+20	75	0	100	0	64-QAM	20.75	19.95	19.77	22.58	0.1811
15+20	1	0	1	99		15.56	15.69	15.66		
15+20	1	74	1	0		20.95	20.97	20.98		
15+20	75	0	100	0	256-QAM	18.71	18.72	18.74	20.39	0.1094
15+20	1	0	1	99		15.50	15.49	15.53		
15+20	1	74	1	0		18.79	18.08	17.88		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.6 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	21.77	21.75	21.10	25.33	0.3412
20+10	1	0	0	0		23.04	23.26	23.20		
20+10	1	0	1	49		15.36	15.40	15.41		
20+10	1	99	1	0		23.73	23.62	23.70		
20+10	100	0	50	0	16-QAM	20.71	20.70	20.70	24.76	0.2992
20+10	1	0	0	0		22.52	22.64	22.62		
20+10	1	0	1	49		15.72	15.83	15.76		
20+10	1	99	1	0		23.16	22.04	23.09		
20+10	100	0	50	0	64-QAM	20.74	19.70	20.69	22.51	0.1782
20+10	1	0	1	49		15.60	15.64	15.64		
20+10	1	99	1	0		20.87	20.91	20.85		
20+10	100	0	50	0	256-QAM	18.71	18.68	18.69	20.36	0.1086
20+10	1	0	1	49		15.49	15.47	15.51		
20+10	1	99	1	0		18.70	18.76	18.67		
10+20	50	0	100	0	QPSK	21.74	21.36	21.68	25.36	0.3436
10+20	1	0	0	0		22.88	23.22	23.24		
10+20	1	0	1	99		15.36	15.06	15.42		
10+20	1	49	1	0		23.75	23.18	23.76		
10+20	50	0	100	0	16-QAM	19.84	20.69	20.69	24.55	0.2851
10+20	1	0	0	0		22.26	22.76	22.59		
10+20	1	0	1	99		15.62	15.46	15.70		
10+20	1	49	1	0		22.95	22.92	22.94		
10+20	50	0	100	0	64-QAM	20.75	20.71	20.70	22.47	0.1766
10+20	1	0	1	99		15.61	15.34	15.70		
10+20	1	49	1	0		20.87	20.86	20.82		
10+20	50	0	100	0	256-QAM	18.71	18.70	18.67	20.33	0.1079
10+20	1	0	1	99		15.42	15.29	15.46		
10+20	1	49	1	0		18.71	17.77	18.73		
15+15	75	0	75	0	QPSK	21.68	21.68	21.64	25.49	0.3540
15+15	1	0	0	0		23.05	23.25	23.18		
15+15	1	0	1	74		15.45	15.43	15.40		
15+15	1	74	1	0		23.89	23.76	23.81		
15+15	75	0	75	0	16-QAM	20.74	20.76	20.75	24.83	0.3041
15+15	1	0	0	0		22.52	22.77	22.62		
15+15	1	0	1	74		15.83	15.80	15.83		
15+15	1	74	1	0		23.23	23.15	23.13		
15+15	75	0	75	0	64-QAM	20.80	20.77	20.74	22.63	0.1832
15+15	1	0	1	74		15.68	15.68	15.72		
15+15	1	74	1	0		21.01	21.03	21.01		
15+15	75	0	75	0	256-QAM	18.76	18.74	18.72	20.46	0.1112
15+15	1	0	1	74		15.57	15.62	15.55		
15+15	1	74	1	0		18.85	18.80	18.86		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 1.6 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	21.64	21.65	21.76	25.41	0.3475
15+10	1	0	0	0		23.10	23.28	23.29		
15+10	1	0	1	49		15.40	15.35	15.63		
15+10	1	74	1	0		23.75	23.77	23.81		
15+10	75	0	50	0	16-QAM	20.76	20.69	19.88	24.75	0.2985
15+10	1	0	0	0		22.56	22.69	22.74		
15+10	1	0	1	49		15.63	15.79	15.82		
15+10	1	74	1	0		23.06	23.15	23.00		
15+10	75	0	50	0	64-QAM	20.76	20.74	20.72	22.59	0.1816
15+10	1	0	1	49		15.62	15.61	15.71		
15+10	1	74	1	0		19.98	20.99	20.96		
15+10	75	0	50	0	256-QAM	18.74	18.67	18.70	20.35	0.1084
15+10	1	0	1	49		15.49	15.50	15.48		
15+10	1	74	1	0		18.74	18.74	18.75		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 2.1 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	21.89	21.88	25.91	0.3899
20+20	1	0	0	0		21.64	21.57	21.48		
20+20	1	0	1	99		15.54	15.52	15.52		
20+20	1	99	1	0		23.61	23.81	23.80		
20+20	100	0	100	0	16-QAM	20.87	20.85	20.85	25.51	0.3556
20+20	1	0	0	0		22.03	22.04	21.99		
20+20	1	0	1	99		16.19	16.17	16.19		
20+20	1	99	1	0		23.41	23.39	23.39		
20+20	100	0	100	0	64-QAM	20.85	20.82	20.82	22.95	0.1972
20+20	1	0	1	99		15.70	15.67	15.67		
20+20	1	99	1	0		20.79	20.77	20.75		
20+20	100	0	100	0	256-QAM	18.83	18.81	18.81	20.93	0.1239
20+20	1	0	1	99		15.68	15.66	15.68		
20+20	1	99	1	0		18.79	18.76	18.77		
15+15	75	0	75	0	QPSK	21.88	21.87	21.77	25.92	0.3908
15+15	1	0	0	0		21.54	21.53	21.60		
15+15	1	0	1	74		15.53	15.51	15.45		
15+15	1	74	1	0		23.82	23.78	23.73		
15+15	75	0	75	0	16-QAM	20.85	20.82	20.67	25.46	0.3516
15+15	1	0	0	0		22.03	22.03	22.04		
15+15	1	0	1	74		16.07	16.20	16.14		
15+15	1	74	1	0		23.30	23.36	23.30		
15+15	75	0	75	0	64-QAM	20.72	20.82	20.68	22.95	0.1972
15+15	1	0	1	74		15.72	15.64	15.60		
15+15	1	74	1	0		20.85	20.78	20.71		
15+15	75	0	75	0	256-QAM	18.81	18.78	18.70	20.91	0.1233
15+15	1	0	1	74		15.67	15.65	15.61		
15+15	1	74	1	0		18.78	18.76	18.73		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.1 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	21.98	21.90	21.58	25.66	0.3681
20+20	1	0	0	0		22.59	22.72	22.59		
20+20	1	0	1	99		15.72	15.63	15.33		
20+20	1	99	1	0		23.08	22.92	23.56		
20+20	100	0	100	0	16-QAM	21.03	20.92	20.57	25.74	0.3750
20+20	1	0	0	0		22.14	22.27	22.20		
20+20	1	0	1	99		16.37	16.25	16.01		
20+20	1	99	1	0		23.64	23.53	23.19		
20+20	100	0	100	0	64-QAM	20.99	20.89	20.58	23.16	0.2070
20+20	1	0	1	99		15.88	15.77	15.50		
20+20	1	99	1	0		21.06	20.90	20.59		
20+20	100	0	100	0	256-QAM	18.99	18.87	18.47	21.11	0.1291
20+20	1	0	1	99		15.86	15.76	15.48		
20+20	1	99	1	0		19.01	18.85	18.46		
20+15	100	0	75	0	QPSK	21.89	21.88	21.52	25.16	0.3281
20+15	1	0	0	0		22.58	22.73	22.63		
20+15	1	0	1	74		15.73	15.60	15.28		
20+15	1	99	1	0		23.06	22.92	22.57		
20+15	100	0	75	0	16-QAM	21.02	20.90	20.49	25.73	0.3741
20+15	1	0	0	0		22.13	22.27	22.22		
20+15	1	0	1	74		16.40	16.26	15.98		
20+15	1	99	1	0		23.63	23.51	23.15		
20+15	100	0	75	0	64-QAM	20.99	20.87	20.52	23.16	0.2070
20+15	1	0	1	74		15.89	15.77	15.46		
20+15	1	99	1	0		21.06	20.88	20.53		
20+15	100	0	75	0	256-QAM	19.00	18.87	18.53	21.11	0.1291
20+15	1	0	1	74		15.87	15.76	15.44		
20+15	1	99	1	0		19.01	18.84	18.51		
15+20	75	0	100	0	QPSK	22.05	21.88	21.43	26.14	0.4111
15+20	1	0	0	0		22.57	21.63	22.54		
15+20	1	0	1	99		15.78	15.60	15.31		
15+20	1	74	1	0		24.04	23.86	23.53		
15+20	75	0	100	0	16-QAM	21.07	20.89	20.57	25.79	0.3793
15+20	1	0	0	0		22.12	22.24	22.13		
15+20	1	0	1	99		16.46	16.26	16.02		
15+20	1	74	1	0		23.69	23.53	23.18		
15+20	75	0	100	0	64-QAM	21.06	20.90	20.59	23.24	0.2109
15+20	1	0	1	99		15.93	15.74	15.47		
15+20	1	74	1	0		21.14	20.92	20.61		
15+20	75	0	100	0	256-QAM	19.07	18.87	18.55	21.20	0.1318
15+20	1	0	1	99		15.92	15.76	15.47		
15+20	1	74	1	0		19.10	18.87	18.57		
Limit	EIRP < 2W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.1 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	21.99	21.89	21.54	25.15	0.3273
20+10	1	0	0	0		22.56	22.68	22.61		
20+10	1	0	1	49		15.74	15.60	15.29		
20+10	1	99	1	0		23.05	22.88	22.55		
20+10	100	0	50	0	16-QAM	21.00	20.89	20.54	25.75	0.3758
20+10	1	0	0	0		22.12	22.23	22.20		
20+10	1	0	1	49		16.38	16.27	15.98		
20+10	1	99	1	0		23.65	23.50	23.14		
20+10	100	0	50	0	64-QAM	21.01	20.87	20.53	23.15	0.2065
20+10	1	0	1	49		15.89	15.76	15.46		
20+10	1	99	1	0		21.05	20.86	20.41		
20+10	100	0	50	0	256-QAM	18.99	18.85	18.53	21.10	0.1288
20+10	1	0	1	49		15.34	15.78	15.44		
20+10	1	99	1	0		19.00	18.82	18.49		
10+20	50	0	100	0	QPSK	21.96	21.88	21.53	26.02	0.3999
10+20	1	0	0	0		21.46	22.67	22.51		
10+20	1	0	1	99		15.63	15.56	15.22		
10+20	1	49	1	0		23.92	23.85	23.50		
10+20	50	0	100	0	16-QAM	20.95	20.85	20.41	25.69	0.3707
10+20	1	0	0	0		22.03	22.25	22.10		
10+20	1	0	1	99		16.31	16.22	15.93		
10+20	1	49	1	0		23.59	23.50	23.14		
10+20	50	0	100	0	64-QAM	20.97	20.88	20.54	23.07	0.2028
10+20	1	0	1	99		15.82	15.73	15.42		
10+20	1	49	1	0		20.96	20.84	20.53		
10+20	50	0	100	0	256-QAM	19.02	18.93	18.59	21.12	0.1294
10+20	1	0	1	99		15.79	15.70	15.39		
10+20	1	49	1	0		18.95	18.83	18.50		
20+5	100	0	25	0	QPSK	22.00	21.87	21.48	25.14	0.3266
20+5	1	0	0	0		22.57	21.59	22.56		
20+5	1	0	1	24		15.72	15.61	15.24		
20+5	1	99	1	0		23.04	22.88	22.49		
20+5	100	0	25	0	16-QAM	20.99	20.87	20.51	25.71	0.3724
20+5	1	0	0	0		22.10	22.20	22.14		
20+5	1	0	1	24		16.41	16.26	15.93		
20+5	1	99	1	0		23.61	23.46	23.07		
20+5	100	0	25	0	64-QAM	20.97	20.85	20.48	23.11	0.2046
20+5	1	0	1	24		15.90	15.76	15.42		
20+5	1	99	1	0		21.01	20.85	20.48		
20+5	100	0	25	0	256-QAM	18.96	18.82	18.46	21.07	0.1279
20+5	1	0	1	24		15.88	15.76	15.42		
20+5	1	99	1	0		18.97	18.79	18.42		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.1 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	21.96	21.86	21.53	25.98	0.3963
5+20	1	0	0	0		22.49	21.59	22.47		
5+20	1	0	1	99		15.68	15.55	15.24		
5+20	1	24	1	0		23.88	23.77	23.43		
5+20	25	0	100	0	16-QAM	20.94	20.83	20.51	25.63	0.3656
5+20	1	0	0	0		22.02	22.21	22.04		
5+20	1	0	1	99		16.34	16.21	15.92		
5+20	1	24	1	0		23.53	23.42	23.07		
5+20	25	0	100	0	64-QAM	20.99	20.85	20.44	23.09	0.2037
5+20	1	0	1	99		15.77	15.66	15.35		
5+20	1	24	1	0		20.98	20.87	20.52		
5+20	25	0	100	0	256-QAM	18.99	18.88	18.54	21.09	0.1285
5+20	1	0	1	99		15.82	15.69	15.40		
5+20	1	24	1	0		18.92	18.76	18.46		
15+10	75	0	50	0	QPSK	22.05	21.87	21.58	26.12	0.4093
15+10	1	0	0	0		22.57	21.65	21.45		
15+10	1	0	1	49		15.76	15.59	15.30		
15+10	1	74	1	0		24.02	23.83	22.64		
15+10	75	0	50	0	16-QAM	21.06	20.86	20.59	25.76	0.3767
15+10	1	0	0	0		22.11	22.26	22.07		
15+10	1	0	1	49		16.45	16.27	16.05		
15+10	1	74	1	0		23.66	23.47	23.17		
15+10	75	0	50	0	64-QAM	21.06	20.87	20.59	23.21	0.2094
15+10	1	0	1	49		15.90	15.73	15.48		
15+10	1	74	1	0		21.11	20.87	20.63		
15+10	75	0	50	0	256-QAM	19.05	18.86	18.55	21.15	0.1303
15+10	1	0	1	49		15.92	15.73	15.48		
15+10	1	74	1	0		19.05	18.83	18.54		
10+15	50	0	75	0	QPSK	22.02	21.85	21.54	26.09	0.4064
10+15	1	0	0	0		22.56	22.67	21.46		
10+15	1	0	1	74		15.70	15.55	15.24		
10+15	1	49	1	0		23.99	23.85	23.50		
10+15	50	0	75	0	16-QAM	21.02	20.85	20.50	25.75	0.3758
10+15	1	0	0	0		22.10	22.25	22.08		
10+15	1	0	1	74		16.40	16.21	15.95		
10+15	1	49	1	0		23.65	23.52	23.17		
10+15	50	0	75	0	64-QAM	21.05	20.86	20.55	23.15	0.2065
10+15	1	0	1	74		15.90	15.73	15.42		
10+15	1	49	1	0		21.05	20.86	20.55		
10+15	50	0	75	0	256-QAM	19.07	18.90	18.59	21.17	0.1309
10+15	1	0	1	74		15.90	15.69	15.42		
10+15	1	49	1	0		19.07	18.86	18.52		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 2.1 dB)										
15+15	75	0	75	0	QPSK	22.06	21.87	21.58	25.97	0.3954
15+15	1	0	0	0		22.57	21.65	21.49		
15+15	1	0	1	74		15.79	15.60	15.31		
15+15	1	74	1	0		23.12	23.87	23.50		
15+15	75	0	75	0	16-QAM	21.07	20.85	20.60	25.78	0.3784
15+15	1	0	0	0		22.12	22.27	22.13		
15+15	1	0	1	74		16.47	16.28	16.01		
15+15	1	74	1	0		23.68	23.53	23.16		
15+15	75	0	75	0	64-QAM	21.09	20.87	20.59	23.23	0.2104
15+15	1	0	1	74		15.94	15.73	15.45		
15+15	1	74	1	0		21.13	20.92	20.61		
15+15	75	0	75	0	256-QAM	19.07	18.83	18.43	21.18	0.1312
15+15	1	0	1	74		15.92	15.77	15.47		
15+15	1	74	1	0		19.08	18.88	18.53		
Limit	EIRP < 2W					Result			Pass	



<TX1 Antenna>

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.56	23.58	23.50	26.48	0.4446
20	1	49		23.27	23.49	23.25		
20	1	99		23.44	23.48	23.44		
20	50	0		22.54	22.57	22.52		
20	50	24		22.51	22.55	22.50		
20	50	50		22.48	22.52	22.49		
20	100	0		22.51	22.56	22.50		
20	1	0	16-QAM	22.86	22.88	22.75	25.78	0.3784
20	1	49		22.76	22.84	22.78		
20	1	99		22.77	22.77	22.75		
20	50	0		21.53	21.58	21.51		
20	50	24		21.49	21.55	21.49		
20	50	50		21.48	21.51	21.48		
20	100	0		21.50	21.56	21.50		
20	1	0	64-QAM	21.74	21.75	21.65	24.82	0.3034
20	1	49		21.92	21.81	21.78		
20	1	99		21.68	21.66	21.63		
20	50	0		20.20	20.60	20.53		
20	50	24		20.63	20.56	20.51		
20	50	50		20.74	20.52	20.50		
20	100	0		20.51	20.53	20.50		
20	1	0	256-QAM	18.62	18.70	18.61	21.60	0.1445
20	1	49		18.60	18.62	18.56		
20	1	99		18.62	18.58	18.50		
20	50	0		18.45	18.51	18.43		
20	50	24		18.49	18.50	18.36		
20	50	50		18.46	18.45	18.50		
20	100	0		18.41	18.45	18.48		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.52	23.50	23.50	26.43	0.4395
15	1	37		23.47	23.34	23.48		
15	1	74		23.53	23.49	23.48		
15	36	0		22.59	22.55	22.53		
15	36	20		22.54	22.51	22.51		
15	36	39		22.54	22.49	22.50		
15	75	0		22.54	22.53	22.50		
15	1	0	16-QAM	22.85	22.89	22.81	25.79	0.3793
15	1	37		22.85	22.85	22.83		
15	1	74		22.81	22.74	22.72		
15	36	0		21.60	21.54	21.50		
15	36	20		21.52	21.49	21.49		
15	36	39		21.53	21.47	21.46		
15	75	0		21.56	21.52	21.49		
15	1	0	64-QAM	21.84	21.75	21.69	24.74	0.2979
15	1	37		21.78	21.75	21.74		
15	1	74		21.68	21.61	21.62		
15	36	0		20.64	20.54	20.56		
15	36	20		20.56	20.50	20.52		
15	36	39		20.56	20.49	20.52		
15	75	0		20.57	20.49	20.51		
15	1	0	256-QAM	18.68	18.50	18.51	21.59	0.1442
15	1	37		18.68	18.69	18.57		
15	1	74		18.53	18.51	18.53		
15	36	0		18.54	18.44	18.52		
15	36	20		18.35	18.48	18.44		
15	36	39		18.42	18.52	18.37		
15	75	0		18.41	18.53	18.43		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.42	23.37	23.32	26.32	0.4285
10	1	25		23.30	23.33	23.25		
10	1	49		23.35	23.34	23.33		
10	25	0		22.41	22.38	22.36		
10	25	12		22.40	22.36	22.35		
10	25	25		22.39	22.36	22.36		
10	50	0		22.40	22.38	22.35		
10	1	0	16-QAM	22.69	22.63	22.58	25.59	0.3622
10	1	25		22.58	22.60	22.54		
10	1	49		22.61	22.57	22.55		
10	25	0		21.41	21.39	21.33		
10	25	12		21.38	21.36	21.32		
10	25	25		21.37	21.34	21.32		
10	50	0		21.38	21.37	21.31		
10	1	0	64-QAM	21.59	21.54	21.46	24.49	0.2812
10	1	25		21.46	21.43	21.38		
10	1	49		21.49	21.45	21.46		
10	25	0		20.40	20.35	20.30		
10	25	12		20.36	20.32	20.29		
10	25	25		20.35	20.32	20.29		
10	50	0		20.39	20.36	20.32		
10	1	0	256-QAM	18.58	18.67	18.53	21.57	0.1435
10	1	25		18.60	18.52	18.63		
10	1	49		18.61	18.58	18.59		
10	25	0		18.54	18.48	18.46		
10	25	12		18.52	18.55	18.40		
10	25	25		18.47	18.39	18.49		
10	50	0		18.39	18.35	18.48		
Limit	EIRP < 2W			Result			Pass	



LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.50	23.41	23.53	26.43	0.4395
5	1	12		23.40	23.36	23.43		
5	1	24		23.43	23.43	23.44		
5	12	0		22.50	22.46	22.41		
5	12	7		22.45	22.43	22.38		
5	12	13		22.48	22.46	22.40		
5	25	0		22.50	22.45	22.43		
5	1	0	16-QAM	22.86	22.80	22.72	25.76	0.3767
5	1	12		22.79	22.74	22.69		
5	1	24		22.77	22.71	22.68		
5	12	0		21.52	21.45	21.39		
5	12	7		21.51	21.45	21.40		
5	12	13		21.48	21.43	21.37		
5	25	0		21.45	21.39	21.36		
5	1	0	64-QAM	21.80	21.70	21.63	24.70	0.2951
5	1	12		21.80	21.74	21.67		
5	1	24		21.69	21.62	21.59		
5	12	0		20.53	20.46	20.40		
5	12	7		20.52	20.47	20.40		
5	12	13		20.50	20.44	20.39		
5	25	0		20.46	20.39	20.35		
5	1	0	256-QAM	18.68	18.55	18.60	21.58	0.1439
5	1	12		18.63	18.65	18.61		
5	1	24		18.60	18.67	18.65		
5	12	0		18.46	18.51	18.42		
5	12	7		18.54	18.41	18.37		
5	12	13		18.47	18.35	18.38		
5	25	0		18.49	18.52	18.45		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.49	23.43	23.50	26.41	0.4375
3	1	8		23.41	23.33	23.40		
3	1	14		23.43	23.38	23.51		
3	8	0		22.51	22.47	22.44		
3	8	4		22.40	22.35	22.33		
3	8	7		22.49	22.44	22.42		
3	15	0		22.54	22.48	22.49		
3	1	0	16-QAM	22.85	22.78	22.69	25.75	0.3758
3	1	8		22.75	22.69	22.62		
3	1	14		22.83	22.76	22.71		
3	8	0		21.59	21.50	21.46		
3	8	4		21.53	21.45	21.39		
3	8	7		21.52	21.44	21.39		
3	15	0		21.57	21.48	21.47		
3	1	0	64-QAM	21.76	21.68	21.60	24.66	0.2924
3	1	8		21.66	21.57	21.51		
3	1	14		21.73	21.66	21.61		
3	8	0		20.58	20.46	20.43		
3	8	4		20.51	20.42	20.37		
3	8	7		20.56	20.47	20.43		
3	15	0		20.44	20.37	20.35		
3	1	0	256-QAM	18.64	18.63	18.53	21.60	0.1445
3	1	8		18.54	18.67	18.50		
3	1	14		18.67	18.70	18.55		
3	8	0		18.51	18.36	18.52		
3	8	4		18.37	18.39	18.53		
3	8	7		18.38	18.48	18.45		
3	15	0		18.36	18.48	18.37		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.46	23.42	23.32	26.36	0.4325
1.4	1	3		23.34	23.30	23.29		
1.4	1	5		23.40	23.34	23.32		
1.4	3	0		23.39	23.36	23.37		
1.4	3	1		23.30	23.27	23.30		
1.4	3	3		23.40	23.35	23.37		
1.4	6	0		22.42	22.37	22.41		
1.4	1	0	16-QAM	22.76	22.65	22.64	25.66	0.3681
1.4	1	3		22.68	22.57	22.55		
1.4	1	5		22.75	22.66	22.64		
1.4	3	0		22.37	22.31	22.31		
1.4	3	1		22.42	22.32	22.34		
1.4	3	3		22.36	22.29	22.31		
1.4	6	0		21.49	21.41	21.42		
1.4	1	0	64-QAM	21.69	21.54	21.55	24.59	0.2877
1.4	1	3		21.53	21.40	21.37		
1.4	1	5		21.65	21.55	21.49		
1.4	3	0		21.50	21.40	21.39		
1.4	3	1		21.49	21.41	21.37		
1.4	3	3		21.52	21.43	21.42		
1.4	6	0		20.35	20.29	20.29		
1.4	1	0	256-QAM	18.67	18.69	18.51	21.59	0.1442
1.4	1	3		18.53	18.62	18.62		
1.4	1	5		18.68	18.52	18.67		
1.4	3	0		18.47	18.46	18.35		
1.4	3	1		18.39	18.52	18.54		
1.4	3	3		18.35	18.54	18.43		
1.4	6	0		18.53	18.39	18.36		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.47	23.49	23.44	26.39	0.4355
20	1	49		23.28	23.33	23.29		
20	1	99		23.28	23.43	23.30		
20	50	0		22.48	22.50	22.46		
20	50	24		22.43	22.46	22.45		
20	50	50		22.45	22.44	22.43		
20	100	0		22.47	22.48	22.45		
20	1	0	16-QAM	22.79	22.80	22.69	25.70	0.3715
20	1	49		22.67	22.75	22.75		
20	1	99		22.72	22.71	22.69		
20	50	0		21.73	21.51	21.44		
20	50	24		21.56	21.46	21.40		
20	50	50		21.40	21.44	21.41		
20	100	0		21.84	21.47	21.42		
20	1	0	64-QAM	21.67	21.66	21.56	24.69	0.2944
20	1	49		21.67	21.74	21.65		
20	1	99		21.79	21.60	21.56		
20	50	0		20.46	20.49	20.46		
20	50	24		20.43	20.48	20.45		
20	50	50		20.45	20.44	20.43		
20	100	0		20.43	20.45	20.43		
20	1	0	256-QAM	18.54	18.55	18.65	21.55	0.1429
20	1	49		18.50	18.63	18.51		
20	1	99		18.63	18.64	18.61		
20	50	0		18.44	18.40	18.50		
20	50	24		18.55	18.42	18.38		
20	50	50		18.41	18.39	18.54		
20	100	0		18.41	18.50	18.49		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.45	23.44	23.36	26.35	0.4315
15	1	37		23.43	23.22	23.26		
15	1	74		23.44	23.33	23.31		
15	36	0		22.50	22.40	22.34		
15	36	20		22.45	22.36	22.32		
15	36	39		22.44	22.34	22.33		
15	75	0		22.45	22.39	22.32		
15	1	0	16-QAM	22.85	22.76	22.68	25.75	0.3758
15	1	37		22.77	22.72	22.62		
15	1	74		22.68	22.61	22.55		
15	36	0		21.48	21.42	21.34		
15	36	20		21.41	21.36	21.31		
15	36	39		21.40	21.34	21.30		
15	75	0		21.44	21.38	21.32		
15	1	0	64-QAM	21.72	21.61	21.52	24.62	0.2897
15	1	37		21.68	21.63	21.54		
15	1	74		21.55	21.47	21.46		
15	36	0		20.52	20.42	20.37		
15	36	20		20.46	20.36	20.35		
15	36	39		20.43	20.34	20.35		
15	75	0		20.45	20.34	20.33		
15	1	0	256-QAM	18.65	18.53	18.67	21.58	0.1439
15	1	37		18.68	18.60	18.59		
15	1	74		18.63	18.51	18.53		
15	36	0		18.55	18.40	18.53		
15	36	20		18.55	18.53	18.44		
15	36	39		18.39	18.55	18.55		
15	75	0		18.47	18.55	18.55		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.41	23.37	23.37	26.31	0.4276
10	1	25		23.29	23.30	23.32		
10	1	49		23.36	23.36	23.39		
10	25	0		22.42	22.37	22.42		
10	25	12		22.42	22.37	22.41		
10	25	25		22.39	22.36	22.42		
10	50	0		22.42	22.37	22.41		
10	1	0	16-QAM	22.69	22.65	22.59	25.59	0.3622
10	1	25		22.59	22.55	22.57		
10	1	49		22.60	22.56	22.61		
10	25	0		21.42	21.38	21.40		
10	25	12		21.38	21.35	21.37		
10	25	25		21.36	21.33	21.39		
10	50	0		21.38	21.34	21.37		
10	1	0	64-QAM	21.59	21.53	21.49	24.49	0.2812
10	1	25		21.45	21.42	21.42		
10	1	49		21.49	21.44	21.54		
10	25	0		20.39	20.33	20.36		
10	25	12		20.35	20.29	20.34		
10	25	25		20.34	20.30	20.34		
10	50	0		20.38	20.33	20.38		
10	1	0	256-QAM	18.50	18.54	18.51	21.48	0.1406
10	1	25		18.58	18.50	18.51		
10	1	49		18.54	18.55	18.53		
10	25	0		18.51	18.40	18.54		
10	25	12		18.53	18.37	18.37		
10	25	25		18.55	18.42	18.44		
10	50	0		18.46	18.43	18.40		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.46	23.45	23.46	26.36	0.4325
5	1	12		23.34	23.38	23.38		
5	1	24		23.36	23.39	23.32		
5	12	0		22.41	22.34	22.36		
5	12	7		22.36	22.31	22.32		
5	12	13		22.38	22.32	22.36		
5	25	0		22.40	22.33	22.39		
5	1	0	16-QAM	22.76	22.70	22.64	25.66	0.3681
5	1	12		22.69	22.63	22.60		
5	1	24		22.67	22.61	22.62		
5	12	0		21.43	21.34	21.34		
5	12	7		21.42	21.33	21.35		
5	12	13		21.38	21.29	21.32		
5	25	0		21.34	21.29	21.31		
5	1	0	64-QAM	21.67	21.58	21.56	24.58	0.2871
5	1	12		21.68	21.62	21.61		
5	1	24		21.56	21.51	21.53		
5	12	0		20.44	20.33	20.33		
5	12	7		20.46	20.34	20.35		
5	12	13		20.39	20.31	20.34		
5	25	0		20.34	20.26	20.30		
5	1	0	256-QAM	18.60	18.66	18.63	21.59	0.1442
5	1	12		18.62	18.69	18.57		
5	1	24		18.68	18.66	18.68		
5	12	0		18.37	18.36	18.54		
5	12	7		18.55	18.46	18.36		
5	12	13		18.44	18.54	18.53		
5	25	0		18.55	18.39	18.35		
Limit	EIRP < 2W			Result			Pass	



LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.45	23.29	23.39	26.35	0.4315
3	1	8		23.30	23.21	23.31		
3	1	14		23.34	23.26	23.32		
3	8	0		22.42	22.35	22.36		
3	8	4		22.30	22.22	22.26		
3	8	7		22.39	22.33	22.34		
3	15	0		22.44	22.35	22.42		
3	1	0	16-QAM	22.77	22.65	22.61	25.67	0.3690
3	1	8		22.65	22.56	22.54		
3	1	14		22.73	22.64	22.60		
3	8	0		21.49	21.39	21.37		
3	8	4		21.43	21.32	21.33		
3	8	7		21.42	21.32	21.33		
3	15	0		21.45	21.36	21.40		
3	1	0	64-QAM	21.66	21.54	21.51	24.56	0.2858
3	1	8		21.56	21.42	21.43		
3	1	14		21.63	21.54	21.54		
3	8	0		20.47	20.36	20.34		
3	8	4		20.41	20.29	20.29		
3	8	7		20.46	20.35	20.34		
3	15	0		20.35	20.24	20.27		
3	1	0	256-QAM	18.70	18.59	18.51	21.60	0.1445
3	1	8		18.52	18.55	18.60		
3	1	14		18.50	18.61	18.65		
3	8	0		18.43	18.49	18.52		
3	8	4		18.48	18.54	18.44		
3	8	7		18.55	18.35	18.43		
3	15	0		18.38	18.38	18.42		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 25 Maximum Average Power [dBm] (GT - LC = 2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.46	23.37	23.28	26.36	0.4325
1.4	1	3		23.34	23.25	23.24		
1.4	1	5		23.38	23.28	23.28		
1.4	3	0		23.36	23.31	23.34		
1.4	3	1		23.29	23.24	23.27		
1.4	3	3		23.36	23.30	23.32		
1.4	6	0		22.39	22.33	22.38		
1.4	1	0	16-QAM	22.73	22.62	22.57	25.64	0.3664
1.4	1	3		22.65	22.52	22.49		
1.4	1	5		22.74	22.60	22.57		
1.4	3	0		22.32	22.27	22.26		
1.4	3	1		22.36	22.29	22.28		
1.4	3	3		22.34	22.25	22.25		
1.4	6	0		21.45	21.37	21.38		
1.4	1	0	64-QAM	21.64	21.51	21.47	24.54	0.2844
1.4	1	3		21.47	21.36	21.33		
1.4	1	5		21.59	21.50	21.48		
1.4	3	0		21.46	21.36	21.37		
1.4	3	1		21.46	21.37	21.36		
1.4	3	3		21.47	21.39	21.39		
1.4	6	0		20.32	20.24	20.26		
1.4	1	0	256-QAM	18.56	18.50	18.57	21.57	0.1435
1.4	1	3		18.67	18.66	18.61		
1.4	1	5		18.62	18.57	18.64		
1.4	3	0		18.46	18.47	18.50		
1.4	3	1		18.40	18.41	18.46		
1.4	3	3		18.45	18.41	18.51		
1.4	6	0		18.38	18.40	18.38		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.84	23.86	23.75	26.26	0.4227
20	1	49		23.80	23.45	23.64		
20	1	99		23.75	23.60	23.60		
20	50	0		22.71	22.74	22.73		
20	50	24		22.68	22.69	22.67		
20	50	50		22.71	22.65	22.65		
20	100	0		22.67	22.71	22.70		
20	1	0	16-QAM	23.08	23.05	23.00	25.48	0.3532
20	1	49		23.03	22.96	22.95		
20	1	99		23.08	22.90	22.91		
20	50	0		21.90	21.73	21.72		
20	50	24		21.86	21.68	21.67		
20	50	50		21.83	21.64	21.65		
20	100	0		21.88	21.70	21.69		
20	1	0	64-QAM	21.12	21.97	21.91	24.37	0.2735
20	1	49		21.11	21.94	21.91		
20	1	99		21.96	21.80	21.82		
20	50	0		20.89	20.73	20.72		
20	50	24		20.86	20.69	20.68		
20	50	50		20.81	20.63	20.65		
20	100	0		20.84	20.67	20.67		
20	1	0	256-QAM	18.67	18.61	18.59	21.13	0.1297
20	1	49		18.66	18.73	18.72		
20	1	99		18.62	18.64	18.70		
20	50	0		18.71	18.56	18.61		
20	50	24		18.61	18.59	18.67		
20	50	50		18.55	18.66	18.69		
20	100	0		18.66	18.72	18.61		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.84	23.80	23.83	26.24	0.4207
15	1	37		23.58	23.67	23.58		
15	1	74		23.74	23.69	23.73		
15	36	0		22.84	22.76	22.82		
15	36	20		22.81	22.72	22.79		
15	36	39		22.79	22.71	22.77		
15	75	0		22.83	22.73	22.79		
15	1	0	16-QAM	22.94	22.84	22.91	25.40	0.3467
15	1	37		22.92	23.00	22.89		
15	1	74		22.82	22.94	22.82		
15	36	0		21.84	21.73	21.80		
15	36	20		21.82	21.69	21.77		
15	36	39		21.78	21.67	21.76		
15	75	0		21.82	21.70	21.79		
15	1	0	64-QAM	21.84	21.95	22.00	24.40	0.2754
15	1	37		21.89	21.96	21.84		
15	1	74		21.91	21.81	21.91		
15	36	0		20.83	20.75	20.80		
15	36	20		20.81	20.70	20.77		
15	36	39		20.78	20.69	20.78		
15	75	0		20.79	20.67	20.75		
15	1	0	256-QAM	18.55	18.57	18.71	21.15	0.1303
15	1	37		18.73	18.66	18.71		
15	1	74		18.70	18.64	18.64		
15	36	0		18.68	18.75	18.58		
15	36	20		18.62	18.63	18.72		
15	36	39		18.73	18.65	18.66		
15	75	0		18.68	18.61	18.59		
Limit	EIRP < 1W			Result			Pass	



LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.84	23.72	23.82	26.24	0.4207
10	1	25		23.78	23.61	23.66		
10	1	49		23.81	23.67	23.73		
10	25	0		22.87	22.75	22.80		
10	25	12		22.85	22.72	22.78		
10	25	25		22.83	22.71	22.75		
10	50	0		22.86	22.71	22.77		
10	1	0	16-QAM	22.87	22.94	22.82	25.38	0.3451
10	1	25		22.84	22.88	22.96		
10	1	49		22.83	22.89	22.98		
10	25	0		21.86	21.72	21.78		
10	25	12		21.83	21.69	21.75		
10	25	25		21.81	21.67	21.75		
10	50	0		21.83	21.68	21.75		
10	1	0	64-QAM	21.99	21.84	21.88	24.39	0.2748
10	1	25		21.91	21.72	21.81		
10	1	49		21.93	21.79	21.86		
10	25	0		20.83	20.69	20.74		
10	25	12		20.79	20.67	20.72		
10	25	25		20.80	20.64	20.70		
10	50	0		20.82	20.67	20.75		
10	1	0	256-QAM	18.62	18.59	18.75	21.15	0.1303
10	1	25		18.57	18.66	18.67		
10	1	49		18.67	18.64	18.74		
10	25	0		18.61	18.56	18.61		
10	25	12		18.71	18.63	18.61		
10	25	25		18.72	18.70	18.70		
10	50	0		18.55	18.67	18.66		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.80	23.64	23.85	26.25	0.4217
5	1	12		23.66	23.62	23.74		
5	1	24		23.71	23.64	23.70		
5	12	0		22.77	22.69	22.72		
5	12	7		22.74	22.64	22.69		
5	12	13		22.75	22.67	22.71		
5	25	0		22.76	22.70	22.72		
5	1	0	16-QAM	22.97	22.99	22.94	25.39	0.3459
5	1	12		22.92	22.95	22.91		
5	1	24		22.91	22.94	22.99		
5	12	0		21.75	21.66	21.72		
5	12	7		21.77	21.67	21.73		
5	12	13		21.74	21.64	21.68		
5	25	0		21.71	21.64	21.67		
5	1	0	64-QAM	22.00	21.90	21.96	24.40	0.2754
5	1	12		21.96	21.94	21.91		
5	1	24		21.95	21.83	21.90		
5	12	0		20.77	20.68	20.72		
5	12	7		20.77	20.68	20.73		
5	12	13		20.75	20.66	20.70		
5	25	0		20.70	20.63	20.66		
5	1	0	256-QAM	18.63	18.69	18.55	21.11	0.1291
5	1	12		18.61	18.71	18.70		
5	1	24		18.68	18.56	18.64		
5	12	0		18.55	18.59	18.67		
5	12	7		18.58	18.58	18.67		
5	12	13		18.55	18.58	18.62		
5	25	0		18.67	18.62	18.64		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.81	23.64	23.83	26.23	0.4198
3	1	8		23.65	23.57	23.74		
3	1	14		23.67	23.61	23.80		
3	8	0		22.74	22.69	22.75		
3	8	4		22.64	22.57	22.65		
3	8	7		22.72	22.66	22.73		
3	15	0		22.76	22.74	22.79		
3	1	0	16-QAM	22.94	22.96	22.93	25.37	0.3443
3	1	8		22.95	22.86	22.97		
3	1	14		22.94	22.95	22.96		
3	8	0		21.81	21.71	21.79		
3	8	4		21.75	21.66	21.74		
3	8	7		21.74	21.64	21.75		
3	15	0		21.77	21.74	21.79		
3	1	0	64-QAM	21.97	21.86	21.95	24.37	0.2735
3	1	8		21.87	21.77	21.85		
3	1	14		21.97	21.86	21.95		
3	8	0		20.76	20.70	20.77		
3	8	4		20.71	20.63	20.72		
3	8	7		20.76	20.68	20.78		
3	15	0		20.66	20.61	20.67		
3	1	0	256-QAM	18.58	18.75	18.65	21.15	0.1303
3	1	8		18.72	18.57	18.68		
3	1	14		18.57	18.61	18.63		
3	8	0		18.64	18.66	18.64		
3	8	4		18.56	18.75	18.58		
3	8	7		18.66	18.60	18.63		
3	15	0		18.61	18.63	18.66		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 4 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.76	23.64	23.75	26.16	0.4130
1.4	1	3		23.66	23.60	23.69		
1.4	1	5		23.71	23.64	23.72		
1.4	3	0		23.71	23.70	23.71		
1.4	3	1		23.63	23.60	23.67		
1.4	3	3		23.70	23.66	23.74		
1.4	6	0		22.73	22.71	22.77		
1.4	1	0	16-QAM	22.91	22.93	22.94	25.35	0.3428
1.4	1	3		22.94	22.85	22.95		
1.4	1	5		22.93	22.92	22.93		
1.4	3	0		22.65	22.60	22.70		
1.4	3	1		22.69	22.62	22.72		
1.4	3	3		22.66	22.60	22.69		
1.4	6	0		21.78	21.73	21.81		
1.4	1	0	64-QAM	21.96	21.84	21.94	24.36	0.2729
1.4	1	3		21.78	21.68	21.79		
1.4	1	5		21.94	21.81	21.93		
1.4	3	0		21.79	21.69	21.81		
1.4	3	1		21.81	21.70	21.81		
1.4	3	3		21.80	21.72	21.82		
1.4	6	0		20.68	20.60	20.70		
1.4	1	0	256-QAM	18.55	18.59	18.70	21.13	0.1297
1.4	1	3		18.57	18.66	18.73		
1.4	1	5		18.65	18.58	18.55		
1.4	3	0		18.68	18.69	18.66		
1.4	3	1		18.67	18.71	18.65		
1.4	3	3		18.69	18.68	18.70		
1.4	6	0		18.63	18.72	18.63		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.86	23.87	23.83	18.52	0.0711
10	1	25		23.85	23.75	23.79		
10	1	49		23.84	23.81	23.73		
10	25	0		22.83	22.88	22.86		
10	25	12		22.82	22.85	22.82		
10	25	25		22.80	22.83	22.83		
10	50	0		22.84	22.87	22.86		
10	1	0	16-QAM	23.16	23.07	23.07	17.81	0.0604
10	1	25		23.13	23.02	23.06		
10	1	49		23.10	23.06	22.95		
10	25	0		21.93	21.86	21.87		
10	25	12		21.90	21.83	21.84		
10	25	25		21.88	21.83	21.81		
10	50	0		21.90	21.85	21.85		
10	1	0	64-QAM	22.08	22.01	22.00	16.73	0.0471
10	1	25		22.00	21.91	21.94		
10	1	49		21.99	22.00	21.90		
10	25	0		19.88	19.84	19.82		
10	25	12		19.87	19.82	19.82		
10	25	25		19.84	19.80	19.79		
10	50	0		19.90	19.84	19.83		
10	1	0	256-QAM	17.41	17.32	17.34	12.15	0.0164
10	1	25		17.50	17.41	17.41		
10	1	49		17.37	17.39	17.36		
10	25	0		16.75	16.73	16.67		
10	25	12		16.73	16.75	16.73		
10	25	25		16.78	16.73	16.64		
10	50	0		16.73	16.79	16.80		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.78	23.81	23.80	18.48	0.0705
5	1	12		23.73	23.76	23.79		
5	1	24		23.78	23.83	23.71		
5	12	0		22.85	22.83	22.85		
5	12	7		22.83	22.79	22.82		
5	12	13		22.85	22.82	22.80		
5	25	0		22.85	22.84	22.82		
5	1	0	16-QAM	23.16	23.08	23.15	17.85	0.0610
5	1	12		23.20	23.07	23.11		
5	1	24		23.15	23.04	22.95		
5	12	0		21.86	21.82	21.84		
5	12	7		21.89	21.82	21.85		
5	12	13		21.85	21.79	21.78		
5	25	0		21.84	21.78	21.79		
5	1	0	64-QAM	22.08	22.00	22.05	16.84	0.0483
5	1	12		22.19	22.09	22.15		
5	1	24		22.04	21.96	21.90		
5	12	0		19.92	19.84	19.88		
5	12	7		19.91	19.83	19.86		
5	12	13		19.90	19.81	19.81		
5	25	0		19.83	19.87	19.85		
5	1	0	256-QAM	17.40	17.49	17.49	12.15	0.0164
5	1	12		17.47	17.50	17.34		
5	1	24		17.49	17.44	17.49		
5	12	0		16.70	16.77	16.80		
5	12	7		16.62	16.65	16.69		
5	12	13		16.79	16.68	16.76		
5	25	0		16.80	16.64	16.78		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.82	23.81	23.83	18.48	0.0705
3	1	8		23.81	23.75	23.61		
3	1	14		23.80	23.69	23.64		
3	8	0		22.87	22.80	22.80		
3	8	4		22.78	22.72	22.69		
3	8	7		22.85	22.78	22.76		
3	15	0		22.86	22.87	22.85		
3	1	0	16-QAM	23.18	23.05	23.09	17.83	0.0607
3	1	8		23.08	22.96	22.94		
3	1	14		23.18	23.06	22.97		
3	8	0		21.91	21.84	21.84		
3	8	4		21.88	21.78	21.78		
3	8	7		21.87	21.77	21.74		
3	15	0		21.89	21.83	21.84		
3	1	0	64-QAM	22.09	21.96	22.02	16.75	0.0473
3	1	8		21.99	21.88	21.88		
3	1	14		22.10	21.97	21.93		
3	8	0		19.91	19.81	19.82		
3	8	4		19.85	19.86	19.82		
3	8	7		19.92	19.80	19.88		
3	15	0		19.81	19.83	19.84		
3	1	0	256-QAM	17.39	17.37	17.34	12.11	0.0163
3	1	8		17.45	17.39	17.30		
3	1	14		17.46	17.44	17.31		
3	8	0		16.69	16.60	16.76		
3	8	4		16.63	16.72	16.70		
3	8	7		16.65	16.69	16.64		
3	15	0		16.73	16.69	16.76		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.82	23.80	23.75	18.48	0.0705
1.4	1	3		23.76	23.71	23.58		
1.4	1	5		23.83	23.70	23.64		
1.4	3	0		23.80	23.74	23.70		
1.4	3	1		23.68	23.63	23.58		
1.4	3	3		23.81	23.75	23.72		
1.4	6	0		22.82	22.78	22.77		
1.4	1	0	16-QAM	23.12	23.00	22.96	17.77	0.0598
1.4	1	3		23.03	22.93	22.83		
1.4	1	5		23.12	23.00	22.90		
1.4	3	0		22.77	22.71	22.64		
1.4	3	1		22.83	22.74	22.68		
1.4	3	3		22.79	22.70	22.62		
1.4	6	0		21.89	21.82	21.77		
1.4	1	0	64-QAM	22.02	21.92	21.87	16.68	0.0466
1.4	1	3		21.86	21.75	21.69		
1.4	1	5		22.03	21.89	21.83		
1.4	3	0		21.88	21.78	21.75		
1.4	3	1		21.91	21.82	21.78		
1.4	3	3		21.95	21.83	21.78		
1.4	6	0		19.80	19.81	19.80		
1.4	1	0	256-QAM	17.38	17.34	17.48	12.13	0.0163
1.4	1	3		17.38	17.35	17.43		
1.4	1	5		17.40	17.30	17.44		
1.4	3	0		17.42	17.30	17.45		
1.4	3	1		17.38	17.33	17.38		
1.4	3	3		17.35	17.47	17.41		
1.4	6	0		16.61	16.60	16.72		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.72	23.74	23.71	26.34	0.4305
20	1	49		23.53	23.62	23.51		
20	1	99		23.68	23.70	23.67		
20	50	0		22.67	22.71	22.66		
20	50	24		22.66	22.67	22.63		
20	50	50		22.64	22.70	22.65		
20	100	0		22.65	22.76	22.64		
20	1	0	16-QAM	23.01	22.93	23.04	25.75	0.3758
20	1	49		23.02	22.93	23.00		
20	1	99		23.15	23.07	23.14		
20	50	0		21.72	21.61	21.70		
20	50	24		21.73	21.62	21.71		
20	50	50		21.77	21.65	21.73		
20	100	0		21.75	21.63	21.73		
20	1	0	64-QAM	21.85	21.80	21.87	24.66	0.2924
20	1	49		22.06	21.92	22.00		
20	1	99		22.02	21.90	21.99		
20	50	0		20.72	20.61	20.72		
20	50	24		20.75	20.62	20.71		
20	50	50		20.76	20.63	20.74		
20	100	0		20.71	20.60	20.69		
20	1	0	256-QAM	18.64	18.73	18.69	21.35	0.1365
20	1	49		18.75	18.73	18.71		
20	1	99		18.75	18.68	18.69		
20	50	0		18.55	18.46	18.60		
20	50	24		18.50	18.55	18.49		
20	50	50		18.50	18.43	18.40		
20	100	0		18.44	18.52	18.53		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.61	23.62	23.65	26.25	0.4217
15	1	37		23.63	23.56	23.59		
15	1	74		23.65	23.64	23.65		
15	36	0		22.65	22.60	22.66		
15	36	20		22.69	22.63	22.66		
15	36	39		22.69	22.64	22.69		
15	75	0		22.67	22.62	22.68		
15	1	0	16-QAM	22.92	22.93	22.97	25.67	0.3690
15	1	37		23.03	23.00	23.07		
15	1	74		23.05	22.95	23.00		
15	36	0		21.60	21.59	21.65		
15	36	20		21.64	21.59	21.65		
15	36	39		21.69	21.60	21.67		
15	75	0		21.65	21.60	21.66		
15	1	0	64-QAM	21.78	21.80	21.84	24.51	0.2825
15	1	37		21.88	21.85	21.90		
15	1	74		21.91	21.78	21.87		
15	36	0		20.60	20.63	20.65		
15	36	20		20.64	20.63	20.67		
15	36	39		20.69	20.64	20.68		
15	75	0		20.61	20.61	20.65		
15	1	0	256-QAM	18.60	18.71	18.66	21.35	0.1365
15	1	37		18.67	18.66	18.74		
15	1	74		18.73	18.75	18.65		
15	36	0		18.60	18.60	18.45		
15	36	20		18.43	18.53	18.47		
15	36	39		18.46	18.53	18.49		
15	75	0		18.59	18.60	18.57		
Limit	EIRP < 2W			Result			Pass	



LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.60	23.65	23.65	26.25	0.4217
10	1	25		23.64	23.53	23.63		
10	1	49		23.61	23.61	23.65		
10	25	0		22.74	22.61	22.67		
10	25	12		22.72	22.63	22.69		
10	25	25		22.76	22.65	22.70		
10	50	0		22.74	22.62	22.69		
10	1	0	16-QAM	22.93	22.88	22.95	25.68	0.3698
10	1	25		22.96	22.86	22.94		
10	1	49		23.08	22.91	23.00		
10	25	0		21.70	21.58	21.66		
10	25	12		21.71	21.59	21.66		
10	25	25		21.73	21.61	21.69		
10	50	0		21.68	21.59	21.66		
10	1	0	64-QAM	21.81	21.72	21.78	24.51	0.2825
10	1	25		21.80	21.67	21.76		
10	1	49		21.91	21.76	21.86		
10	25	0		20.65	20.57	20.62		
10	25	12		20.65	20.58	20.63		
10	25	25		20.70	20.57	20.64		
10	50	0		20.68	20.60	20.65		
10	1	0	256-QAM	18.72	18.57	18.59	21.34	0.1361
10	1	25		18.60	18.64	18.69		
10	1	49		18.68	18.74	18.61		
10	25	0		18.43	18.58	18.41		
10	25	12		18.44	18.52	18.41		
10	25	25		18.40	18.53	18.56		
10	50	0		18.43	18.47	18.54		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 7 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.62	23.65	23.62	26.25	0.4217
5	1	12		23.63	23.57	23.57		
5	1	24		23.64	23.64	23.64		
5	12	0		22.64	22.60	22.61		
5	12	7		22.62	22.54	22.58		
5	12	13		22.68	22.58	22.63		
5	25	0		22.68	22.59	22.62		
5	1	0	16-QAM	22.98	22.97	23.00	25.63	0.3656
5	1	12		23.01	22.94	22.97		
5	1	24		23.03	22.93	22.98		
5	12	0		21.61	21.56	21.60		
5	12	7		21.63	21.58	21.63		
5	12	13		21.63	21.56	21.60		
5	25	0		21.61	21.54	21.56		
5	1	0	64-QAM	21.86	21.83	21.86	24.50	0.2818
5	1	12		21.90	21.86	21.88		
5	1	24		21.88	21.80	21.83		
5	12	0		20.60	20.63	20.61		
5	12	7		20.64	20.63	20.63		
5	12	13		20.63	20.60	20.63		
5	25	0		20.58	20.52	20.54		
5	1	0	256-QAM	18.46	18.64	18.47	21.25	0.1334
5	1	12		18.51	18.62	18.65		
5	1	24		18.59	18.50	18.55		
5	12	0		18.47	18.37	18.38		
5	12	7		18.45	18.36	18.44		
5	12	13		18.35	18.36	18.31		
5	25	0		18.41	18.42	18.33		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.36	24.37	24.34	17.52	0.0565
10	1	25		24.35	24.29	24.32		
10	1	49		24.32	24.30	24.36		
10	25	0		22.13	22.15	22.12		
10	25	12		22.12	22.12	22.12		
10	25	25		22.12	22.15	22.13		
10	50	0		22.08	22.12	22.11		
10	1	0	16-QAM	23.59	23.61	23.61	16.81	0.0480
10	1	25		23.66	23.50	23.64		
10	1	49		23.57	23.52	23.62		
10	25	0		21.14	21.06	21.12		
10	25	12		21.14	21.02	21.13		
10	25	25		21.12	21.01	21.14		
10	50	0		21.14	21.04	21.15		
10	1	0	64-QAM	22.56	22.54	22.63	15.79	0.0379
10	1	25		22.58	22.42	22.57		
10	1	49		22.55	22.49	22.64		
10	25	0		21.13	21.05	21.11		
10	25	12		21.13	21.02	21.10		
10	25	25		21.12	21.01	21.12		
10	50	0		21.15	21.05	21.13		
10	1	0	256-QAM	19.46	19.57	19.48	12.76	0.0189
10	1	25		19.58	19.46	19.51		
10	1	49		19.61	19.47	19.47		
10	25	0		19.42	19.32	19.40		
10	25	12		19.43	19.40	19.41		
10	25	25		19.27	19.29	19.40		
10	50	0		19.36	19.42	19.32		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.23	24.28	24.28	17.44	0.0555
5	1	12		24.23	24.24	24.23		
5	1	24		24.29	24.28	24.24		
5	12	0		22.05	22.02	22.06		
5	12	7		22.06	22.09	22.04		
5	12	13		22.05	22.07	22.04		
5	25	0		22.02	22.04	22.00		
5	1	0	16-QAM	23.57	23.62	23.49	16.81	0.0480
5	1	12		23.66	23.57	23.59		
5	1	24		23.64	23.47	23.50		
5	12	0		21.04	21.01	21.03		
5	12	7		21.06	21.03	21.01		
5	12	13		21.06	21.08	21.02		
5	25	0		21.01	21.04	21.00		
5	1	0	64-QAM	22.50	22.54	22.44	15.83	0.0383
5	1	12		22.68	22.61	22.60		
5	1	24		22.57	22.44	22.46		
5	12	0		21.08	21.07	21.00		
5	12	7		21.09	21.03	21.05		
5	12	13		21.10	21.01	21.04		
5	25	0		21.00	20.96	20.96		
5	1	0	256-QAM	19.55	19.51	19.54	12.80	0.0191
5	1	12		19.50	19.51	19.65		
5	1	24		19.49	19.48	19.55		
5	12	0		19.35	19.43	19.43		
5	12	7		19.34	19.26	19.29		
5	12	13		19.31	19.29	19.34		
5	25	0		19.27	19.29	19.40		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.22	24.23	24.25	17.42	0.0552
3	1	8		24.17	24.27	24.10		
3	1	14		24.26	24.20	24.11		
3	8	0		22.02	22.01	22.04		
3	8	4		22.02	22.02	22.00		
3	8	7		22.00	22.05	22.05		
3	15	0		22.07	22.09	22.05		
3	1	0	16-QAM	23.54	23.56	23.54	16.76	0.0474
3	1	8		23.52	23.47	23.49		
3	1	14		23.61	23.54	23.50		
3	8	0		21.06	21.04	21.01		
3	8	4		21.02	21.09	21.03		
3	8	7		21.01	21.07	21.04		
3	15	0		21.03	21.01	21.03		
3	1	0	64-QAM	22.48	22.45	22.49	15.70	0.0372
3	1	8		22.44	22.42	22.42		
3	1	14		22.55	22.48	22.47		
3	8	0		21.03	20.98	21.01		
3	8	4		21.00	21.05	20.95		
3	8	7		21.10	21.03	21.00		
3	15	0		20.99	20.95	20.93		
3	1	0	256-QAM	19.54	19.51	19.57	12.80	0.0191
3	1	8		19.65	19.45	19.63		
3	1	14		19.61	19.47	19.47		
3	8	0		19.45	19.30	19.43		
3	8	4		19.40	19.37	19.28		
3	8	7		19.35	19.38	19.36		
3	15	0		19.30	19.39	19.34		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 12 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.24	24.27	24.25	17.43	0.0553
1.4	1	3		24.24	24.18	24.13		
1.4	1	5		24.23	24.20	24.15		
1.4	3	0		24.22	24.16	24.15		
1.4	3	1		24.21	24.20	24.03		
1.4	3	3		24.28	24.24	24.18		
1.4	6	0		22.08	22.01	22.00		
1.4	1	0	16-QAM	23.49	23.50	23.55	16.70	0.0468
1.4	1	3		23.45	23.43	23.45		
1.4	1	5		23.55	23.48	23.48		
1.4	3	0		23.20	23.15	23.19		
1.4	3	1		23.23	23.22	23.23		
1.4	3	3		23.21	23.17	23.16		
1.4	6	0		21.02	21.08	21.05		
1.4	1	0	64-QAM	22.48	22.45	22.47	15.63	0.0366
1.4	1	3		22.29	22.30	22.29		
1.4	1	5		22.45	22.43	22.43		
1.4	3	0		22.31	22.28	22.30		
1.4	3	1		22.34	22.34	22.32		
1.4	3	3		22.36	22.33	22.34		
1.4	6	0		20.92	20.89	20.86		
1.4	1	0	256-QAM	19.25	19.31	19.24	12.53	0.0179
1.4	1	3		19.25	19.21	19.27		
1.4	1	5		19.32	19.29	19.36		
1.4	3	0		19.38	19.30	19.25		
1.4	3	1		19.31	19.29	19.23		
1.4	3	3		19.21	19.37	19.26		
1.4	6	0		19.29	19.16	19.28		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.35	-	19.30	0.0851
10	1	25			24.30			
10	1	49			24.28			
10	25	0			22.07			
10	25	12			22.06			
10	25	25			22.01			
10	50	0			22.06			
10	1	0	16-QAM		23.52		18.58	0.0721
10	1	25			23.63			
10	1	49			23.47			
10	25	0			21.61			
10	25	12			21.62			
10	25	25			21.61			
10	50	0			21.64			
10	1	0	64-QAM		22.42		17.46	0.0557
10	1	25			22.51			
10	1	49			22.43			
10	25	0			20.45			
10	25	12			20.42			
10	25	25			20.39			
10	50	0			20.43			
10	1	0	256-QAM		19.23		14.29	0.0269
10	1	25			19.21			
10	1	49			19.26			
10	25	0			19.34			
10	25	12			19.27			
10	25	25			19.24			
10	50	0			19.15			
Limit	ERP < 3W			Result			Pass	



LTE Band 13 Maximum Average Power [dBm] (GT - LC = -2.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.32	24.33	24.33	19.28	0.0847
5	1	12		24.29	24.25	24.32		
5	1	24		24.30	24.31	24.30		
5	12	0		22.06	22.09	22.07		
5	12	7		21.98	22.07	22.04		
5	12	13		21.99	22.08	22.06		
5	25	0		22.08	22.09	22.10		
5	1	0	16-QAM	23.60	23.53	23.55	18.63	0.0729
5	1	12		23.61	23.50	23.68		
5	1	24		23.51	23.61	23.65		
5	12	0		21.71	21.63	21.70		
5	12	7		21.70	21.64	21.75		
5	12	13		21.63	21.64	21.73		
5	25	0		21.66	21.61	21.70		
5	1	0	64-QAM	22.63	22.55	22.55	17.65	0.0582
5	1	12		22.70	22.63	22.69		
5	1	24		22.54	22.61	22.67		
5	12	0		20.55	20.43	20.51		
5	12	7		20.50	20.44	20.55		
5	12	13		20.45	20.44	20.55		
5	25	0		20.43	20.43	20.51		
5	1	0	256-QAM	19.28	19.25	19.24	14.30	0.0269
5	1	12		19.23	19.27	19.22		
5	1	24		19.32	19.29	19.34		
5	12	0		19.24	19.33	19.35		
5	12	7		19.21	19.20	19.16		
5	12	13		19.25	19.22	19.23		
5	25	0		19.20	19.33	19.19		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.37	24.42	24.35	17.57	0.0571
10	1	25		24.34	24.34	24.36		
10	1	49		24.40	24.41	24.39		
10	25	0		23.38	23.45	23.42		
10	25	12		23.39	23.42	23.41		
10	25	25		23.40	23.43	23.41		
10	50	0		23.42	23.50	23.45		
10	1	0	16-QAM	23.65	23.67	23.61	16.85	0.0484
10	1	25		23.50	23.57	23.55		
10	1	49		23.63	23.70	23.60		
10	25	0		22.42	22.48	22.42		
10	25	12		22.40	22.46	22.43		
10	25	25		22.40	22.48	22.45		
10	50	0		22.43	22.49	22.45		
10	1	0	64-QAM	22.61	22.67	22.62	15.84	0.0384
10	1	25		22.46	22.52	22.49		
10	1	49		22.60	22.69	22.63		
10	25	0		21.39	21.44	21.42		
10	25	12		21.37	21.44	21.42		
10	25	25		21.38	21.47	21.44		
10	50	0		21.43	21.49	21.47		
10	1	0	256-QAM	19.55	19.48	19.64	12.79	0.0190
10	1	25		19.62	19.47	19.48		
10	1	49		19.47	19.57	19.63		
10	25	0		19.25	19.45	19.33		
10	25	12		19.28	19.29	19.26		
10	25	25		19.33	19.30	19.42		
10	50	0		19.31	19.32	19.42		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 17 Maximum Average Power [dBm] (GT - LC = -4.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.30	24.20	24.18	17.45	0.0556
5	1	12		24.26	24.18	24.17		
5	1	24		24.30	24.25	24.19		
5	12	0		23.36	23.30	23.28		
5	12	7		23.33	23.34	23.29		
5	12	13		23.34	23.31	23.30		
5	25	0		23.31	23.32	23.28		
5	1	0	16-QAM	23.67	23.54	23.48	16.82	0.0481
5	1	12		23.66	23.50	23.59		
5	1	24		23.53	23.54	23.51		
5	12	0		22.39	22.31	22.29		
5	12	7		22.38	22.31	22.32		
5	12	13		22.34	22.30	22.31		
5	25	0		22.30	22.27	22.30		
5	1	0	64-QAM	22.54	22.50	22.43	15.76	0.0377
5	1	12		22.53	22.56	22.61		
5	1	24		22.47	22.48	22.46		
5	12	0		21.39	21.32	21.31		
5	12	7		21.38	21.31	21.35		
5	12	13		21.35	21.30	21.34		
5	25	0		21.30	21.26	21.27		
5	1	0	256-QAM	19.55	19.52	19.46	12.79	0.0190
5	1	12		19.64	19.54	19.52		
5	1	24		19.54	19.60	19.53		
5	12	0		19.34	19.43	19.29		
5	12	7		19.37	19.29	19.38		
5	12	13		19.42	19.32	19.27		
5	25	0		19.28	19.38	19.34		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.93	24.10	23.87	19.25	0.0841
15	1	37		23.71	23.63	23.68		
15	1	74		23.82	24.04	23.73		
15	36	0		22.93	22.78	22.87		
15	36	20		22.87	22.94	22.84		
15	36	39		22.86	22.93	22.84		
15	75	0		22.91	23.01	22.88		
15	1	0	16-QAM	23.19	23.32	23.11	18.47	0.0703
15	1	37		23.13	23.30	23.11		
15	1	74		23.06	22.97	22.95		
15	36	0		21.88	21.93	21.85		
15	36	20		21.84	21.88	21.83		
15	36	39		21.83	22.04	21.81		
15	75	0		21.85	22.04	21.84		
15	1	0	64-QAM	22.10	22.00	22.04	17.32	0.0540
15	1	37		22.17	22.16	22.15		
15	1	74		21.99	22.10	21.92		
15	36	0		19.89	19.91	19.84		
15	36	20		19.85	19.99	19.81		
15	36	39		19.83	19.79	19.80		
15	75	0		19.82	19.73	19.79		
15	1	0	256-QAM	17.41	17.54	17.38	12.69	0.0186
15	1	37		17.45	17.44	17.48		
15	1	74		17.41	17.50	17.41		
15	36	0		16.60	16.66	16.78		
15	36	20		16.73	16.80	16.74		
15	36	39		16.75	16.52	16.79		
15	75	0		16.72	16.72	16.62		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	23.85	23.82	23.83	19.00	0.0794
10	1	25		23.85	23.80	23.82		
10	1	49		23.83	23.85	23.77		
10	25	0		22.81	22.91	22.89		
10	25	12		22.76	22.80	22.87		
10	25	25		22.79	22.81	22.84		
10	50	0		22.95	22.81	22.87		
10	1	0	16-QAM	23.10	23.19	23.07	18.34	0.0682
10	1	25		23.02	23.08	23.08		
10	1	49		23.17	22.91	22.95		
10	25	0		21.91	21.84	21.87		
10	25	12		21.86	21.84	21.86		
10	25	25		21.77	21.91	21.83		
10	50	0		21.89	21.77	21.83		
10	1	0	64-QAM	21.84	21.98	21.97	17.16	0.0520
10	1	25		21.93	21.93	21.92		
10	1	49		21.96	22.01	21.87		
10	25	0		19.78	19.85	19.84		
10	25	12		19.90	19.80	19.82		
10	25	25		19.80	19.76	19.79		
10	50	0		19.94	19.85	19.83		
10	1	0	256-QAM	17.47	17.53	17.42	12.68	0.0185
10	1	25		17.36	17.36	17.42		
10	1	49		17.35	17.35	17.32		
10	25	0		16.68	16.79	16.75		
10	25	12		16.66	16.68	16.69		
10	25	25		16.76	16.69	16.68		
10	50	0		16.84	16.84	16.69		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.88	23.96	23.90	19.11	0.0815
5	1	12		23.72	23.76	23.77		
5	1	24		23.73	23.92	23.74		
5	12	0		22.86	22.81	22.85		
5	12	7		22.86	22.71	22.80		
5	12	13		22.94	22.80	22.80		
5	25	0		22.90	22.78	22.82		
5	1	0	16-QAM	23.00	23.16	23.17	18.37	0.0687
5	1	12		22.98	23.22	23.14		
5	1	24		23.12	23.06	22.94		
5	12	0		21.77	21.88	21.85		
5	12	7		21.91	21.84	21.86		
5	12	13		21.85	21.90	21.79		
5	25	0		21.73	21.76	21.79		
5	1	0	64-QAM	22.08	21.96	22.04	17.34	0.0542
5	1	12		22.08	22.19	22.12		
5	1	24		21.98	21.91	21.89		
5	12	0		19.85	19.81	19.88		
5	12	7		19.78	19.79	19.86		
5	12	13		19.89	19.90	19.82		
5	25	0		19.82	19.80	19.77		
5	1	0	256-QAM	17.31	17.38	17.45	12.62	0.0183
5	1	12		17.39	17.47	17.36		
5	1	24		17.32	17.39	17.38		
5	12	0		16.73	16.80	16.74		
5	12	7		16.83	16.85	16.78		
5	12	13		16.62	16.66	16.65		
5	25	0		16.65	16.79	16.62		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.64	23.86	23.84	19.01	0.0796
3	1	8		23.60	23.76	23.67		
3	1	14		23.80	23.77	23.64		
3	8	0		22.84	22.86	22.78		
3	8	4		22.83	22.81	22.69		
3	8	7		22.82	22.81	22.73		
3	15	0		22.92	22.86	22.85		
3	1	0	16-QAM	23.12	23.17	23.06	18.32	0.0679
3	1	8		22.91	23.07	22.94		
3	1	14		23.11	22.99	22.95		
3	8	0		21.75	21.81	21.81		
3	8	4		21.80	21.86	21.77		
3	8	7		21.82	21.77	21.73		
3	15	0		21.80	21.86	21.82		
3	1	0	64-QAM	22.09	21.96	22.00	17.24	0.0530
3	1	8		21.97	21.84	21.84		
3	1	14		21.95	22.06	21.90		
3	8	0		19.77	19.94	19.81		
3	8	4		19.72	19.73	19.73		
3	8	7		19.90	19.83	19.76		
3	15	0		19.82	19.80	19.70		
3	1	0	256-QAM	17.45	17.27	17.44	12.69	0.0186
3	1	8		17.54	17.43	17.31		
3	1	14		17.39	17.36	17.39		
3	8	0		16.77	16.74	16.76		
3	8	4		16.68	16.85	16.73		
3	8	7		16.54	16.81	16.67		
3	15	0		16.53	16.54	16.68		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part22H) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.73	23.91	23.76	19.06	0.0805
1.4	1	3		23.57	23.63	23.65		
1.4	1	5		23.79	23.77	23.65		
1.4	3	0		23.79	23.71	23.71		
1.4	3	1		23.73	23.69	23.58		
1.4	3	3		23.72	23.68	23.72		
1.4	6	0		22.82	22.78	22.78		
1.4	1	0	16-QAM	22.93	23.12	22.95	18.27	0.0671
1.4	1	3		23.01	23.03	22.82		
1.4	1	5		23.04	22.93	22.89		
1.4	3	0		22.59	22.67	22.62		
1.4	3	1		22.80	22.81	22.68		
1.4	3	3		22.71	22.68	22.63		
1.4	6	0		21.87	21.84	21.79		
1.4	1	0	64-QAM	21.83	21.93	21.91	17.12	0.0515
1.4	1	3		21.69	21.85	21.72		
1.4	1	5		21.89	21.97	21.83		
1.4	3	0		21.80	21.87	21.76		
1.4	3	1		21.82	21.91	21.77		
1.4	3	3		21.81	21.87	21.78		
1.4	6	0		19.80	19.80	19.80		
1.4	1	0	256-QAM	17.57	17.32	17.44	12.72	0.0187
1.4	1	3		17.43	17.54	17.30		
1.4	1	5		17.32	17.44	17.33		
1.4	3	0		17.25	17.38	17.38		
1.4	3	1		17.50	17.53	17.47		
1.4	3	3		17.43	17.32	17.44		
1.4	6	0		16.67	16.66	16.62		
Limit	ERP < 7W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.52	23.58	23.49	26.28	0.4246
20	1	49		23.51	23.43	23.51		
20	1	99		23.55	23.46	23.47		
20	50	0		22.50	22.51	22.46		
20	50	24		22.47	22.50	22.43		
20	50	50		22.48	22.50	22.41		
20	100	0		22.41	22.46	22.43		
20	1	0	16-QAM	22.67	22.54	22.54	25.37	0.3443
20	1	49		22.57	22.46	22.46		
20	1	99		22.62	22.51	22.53		
20	50	0		21.59	21.47	21.46		
20	50	24		21.59	21.46	21.47		
20	50	50		21.58	21.44	21.44		
20	100	0		21.57	21.44	21.43		
20	1	0	64-QAM	21.35	21.20	21.23	24.05	0.2541
20	1	49		21.25	21.14	21.15		
20	1	99		21.29	21.20	21.21		
20	50	0		20.56	20.45	20.44		
20	50	24		20.54	20.42	20.42		
20	50	50		20.54	20.40	20.43		
20	100	0		20.54	20.42	20.43		
20	1	0	256-QAM	18.16	18.25	18.29	21.12	0.1294
20	1	49		18.30	18.20	18.34		
20	1	99		18.20	18.27	18.27		
20	50	0		18.40	18.27	18.34		
20	50	24		18.33	18.41	18.25		
20	50	50		18.26	18.34	18.38		
20	100	0		18.42	18.26	18.25		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.51	23.53	23.55	26.25	0.4217
15	1	37		23.50	23.48	23.50		
15	1	74		23.49	23.53	23.52		
15	36	0		22.46	22.47	22.54		
15	36	20		22.44	22.45	22.51		
15	36	39		22.45	22.46	22.52		
15	75	0		22.47	22.47	22.54		
15	1	0	16-QAM	22.51	22.51	22.59	25.31	0.3396
15	1	37		22.47	22.46	22.53		
15	1	74		22.52	22.53	22.61		
15	36	0		21.40	21.40	21.46		
15	36	20		21.40	21.39	21.45		
15	36	39		21.40	21.40	21.48		
15	75	0		21.46	21.47	21.52		
15	1	0	64-QAM	21.21	21.20	21.28	23.98	0.2500
15	1	37		21.25	21.23	21.28		
15	1	74		21.21	21.21	21.28		
15	36	0		20.39	20.39	20.46		
15	36	20		20.38	20.38	20.45		
15	36	39		20.37	20.40	20.45		
15	75	0		20.42	20.45	20.49		
15	1	0	256-QAM	18.22	18.15	18.32	21.13	0.1297
15	1	37		18.30	18.35	18.21		
15	1	74		18.25	18.29	18.28		
15	36	0		18.42	18.32	18.43		
15	36	20		18.34	18.25	18.35		
15	36	39		18.30	18.30	18.37		
15	75	0		18.28	18.33	18.30		
Limit	EIRP < 2W			Result			Pass	



LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.46	23.55	23.51	26.25	0.4217
10	1	25		23.41	23.45	23.43		
10	1	49		23.44	23.47	23.54		
10	25	0		22.44	22.49	22.50		
10	25	12		22.45	22.47	22.50		
10	25	25		22.44	22.47	22.50		
10	50	0		22.43	22.46	22.49		
10	1	0	16-QAM	22.50	22.54	22.59	25.41	0.3475
10	1	25		22.62	22.67	22.71		
10	1	49		22.45	22.49	22.54		
10	25	0		21.44	21.48	21.51		
10	25	12		21.45	21.45	21.50		
10	25	25		21.44	21.48	21.51		
10	50	0		21.45	21.46	21.52		
10	1	0	64-QAM	21.14	21.19	21.24	24.09	0.2564
10	1	25		21.32	21.36	21.39		
10	1	49		21.13	21.18	21.21		
10	25	0		20.45	20.47	20.52		
10	25	12		20.44	20.45	20.49		
10	25	25		20.42	20.47	20.50		
10	50	0		20.41	20.44	20.48		
10	1	0	256-QAM	18.25	18.35	18.28	21.11	0.1291
10	1	25		18.15	18.15	18.30		
10	1	49		18.30	18.18	18.23		
10	25	0		18.35	18.38	18.25		
10	25	12		18.32	18.29	18.33		
10	25	25		18.34	18.41	18.40		
10	50	0		18.27	18.33	18.37		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38 Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.49	23.45	23.53	26.24	0.4207
5	1	12		23.33	23.54	23.28		
5	1	24		23.45	23.45	23.49		
5	12	0		22.46	22.46	22.48		
5	12	7		22.46	22.46	22.51		
5	12	13		22.45	22.46	22.49		
5	25	0		22.49	22.46	22.53		
5	1	0	16-QAM	22.41	22.42	22.49	25.22	0.3327
5	1	12		22.45	22.45	22.49		
5	1	24		22.48	22.48	22.52		
5	12	0		21.43	21.42	21.45		
5	12	7		21.38	21.38	21.46		
5	12	13		21.43	21.40	21.46		
5	25	0		21.47	21.45	21.52		
5	1	0	64-QAM	21.22	21.19	21.26	24.00	0.2512
5	1	12		21.27	21.25	21.30		
5	1	24		21.20	21.21	21.27		
5	12	0		20.44	20.41	20.49		
5	12	7		20.40	20.41	20.46		
5	12	13		20.43	20.43	20.48		
5	25	0		20.48	20.46	20.53		
5	1	0	256-QAM	18.25	18.21	18.32	21.11	0.1291
5	1	12		18.30	18.27	18.31		
5	1	24		18.25	18.27	18.33		
5	12	0		18.26	18.30	18.39		
5	12	7		18.28	18.27	18.29		
5	12	13		18.38	18.34	18.31		
5	25	0		18.34	18.41	18.25		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.40	25.42	25.38	28.12	0.6486
20	1	49		25.37	25.40	25.35		
20	1	99		25.39	25.40	25.35		
20	50	0		24.39	24.43	24.42		
20	50	24		24.35	24.42	24.40		
20	50	50		24.34	24.39	24.40		
20	100	0		24.41	24.42	24.39		
20	1	0	16-QAM	24.80	24.72	24.72	27.50	0.5623
20	1	49		24.74	24.64	24.62		
20	1	99		24.79	24.70	24.65		
20	50	0		23.60	23.44	23.42		
20	50	24		23.53	23.43	23.42		
20	50	50		23.52	23.41	23.42		
20	100	0		23.51	23.40	23.41		
20	1	0	64-QAM	23.60	23.49	23.51	26.30	0.4266
20	1	49		23.50	23.40	23.42		
20	1	99		23.57	23.48	23.48		
20	50	0		22.60	22.37	22.43		
20	50	24		22.50	22.35	22.36		
20	50	50		22.49	22.38	22.39		
20	100	0		22.49	22.38	22.37		
20	1	0	256-QAM	20.30	20.30	20.28	23.14	0.2061
20	1	49		20.36	20.28	20.37		
20	1	99		20.29	20.39	20.23		
20	50	0		20.32	20.44	20.44		
20	50	24		20.35	20.29	20.41		
20	50	50		20.40	20.37	20.36		
20	100	0		20.20	20.34	20.35		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.30	25.31	25.37	28.07	0.6412
15	1	37		25.32	25.33	25.37		
15	1	74		25.31	25.30	25.33		
15	36	0		24.26	24.27	24.30		
15	36	20		24.26	24.25	24.28		
15	36	39		24.25	24.26	24.29		
15	75	0		24.25	24.24	24.27		
15	1	0	16-QAM	24.49	24.52	24.57	27.40	0.5495
15	1	37		24.63	24.66	24.70		
15	1	74		24.52	24.54	24.53		
15	36	0		23.18	23.20	23.25		
15	36	20		23.19	23.21	23.25		
15	36	39		23.21	23.21	23.25		
15	75	0		23.25	23.24	23.27		
15	1	0	64-QAM	23.28	23.30	23.36	26.12	0.4093
15	1	37		23.36	23.38	23.42		
15	1	74		23.33	23.33	23.35		
15	36	0		22.18	22.18	22.23		
15	36	20		22.16	22.17	22.24		
15	36	39		22.18	22.19	22.23		
15	75	0		22.19	22.19	22.23		
15	1	0	256-QAM	20.31	20.31	20.26	23.12	0.2051
15	1	37		20.26	20.28	20.40		
15	1	74		20.27	20.36	20.35		
15	36	0		20.42	20.28	20.25		
15	36	20		20.32	20.37	20.25		
15	36	39		20.26	20.32	20.28		
15	75	0		20.29	20.38	20.26		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.08	25.13	25.16	27.88	0.6138
10	1	25		25.08	25.11	25.12		
10	1	49		25.10	25.15	25.18		
10	25	0		24.13	24.17	24.20		
10	25	12		24.13	24.16	24.18		
10	25	25		24.15	24.16	24.20		
10	50	0		24.16	24.17	24.23		
10	1	0	16-QAM	24.37	24.42	24.46	27.32	0.5395
10	1	25		24.53	24.62	24.60		
10	1	49		24.37	24.41	24.43		
10	25	0		23.16	23.20	23.23		
10	25	12		23.13	23.18	23.20		
10	25	25		23.16	23.19	23.22		
10	50	0		23.15	23.16	23.20		
10	1	0	64-QAM	23.19	23.24	23.27	26.06	0.4036
10	1	25		23.28	23.34	23.36		
10	1	49		23.16	23.21	23.24		
10	25	0		22.16	22.17	22.21		
10	25	12		22.15	22.17	22.19		
10	25	25		22.14	22.18	22.20		
10	50	0		22.09	22.12	22.14		
10	1	0	256-QAM	20.22	20.20	20.28	23.10	0.2042
10	1	25		20.20	20.36	20.27		
10	1	49		20.21	20.23	20.29		
10	25	0		20.36	20.25	20.30		
10	25	12		20.40	20.40	20.34		
10	25	25		20.40	20.38	20.27		
10	50	0		20.27	20.33	20.31		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 38(HPUE) Maximum Average Power [dBm] (GT - LC = 2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.15	25.15	25.18	27.99	0.6295
5	1	12		25.26	25.25	25.29		
5	1	24		25.09	25.11	25.12		
5	12	0		24.13	24.13	24.16		
5	12	7		24.12	24.13	24.15		
5	12	13		24.13	24.13	24.16		
5	25	0		24.16	24.13	24.18		
5	1	0	16-QAM	24.38	24.39	24.46	27.29	0.5358
5	1	12		24.54	24.53	24.59		
5	1	24		24.39	24.40	24.43		
5	12	0		23.14	23.15	23.21		
5	12	7		23.12	23.13	23.15		
5	12	13		23.16	23.15	23.20		
5	25	0		23.17	23.16	23.20		
5	1	0	64-QAM	23.13	23.14	23.19	26.04	0.4018
5	1	12		23.19	23.24	23.34		
5	1	24		23.16	23.18	23.22		
5	12	0		22.12	22.12	22.16		
5	12	7		22.10	22.11	22.13		
5	12	13		22.13	22.11	22.18		
5	25	0		22.16	22.15	22.20		
5	1	0	256-QAM	20.20	20.27	20.29	23.04	0.2014
5	1	12		20.25	20.25	20.29		
5	1	24		20.21	20.24	20.21		
5	12	0		20.27	20.33	20.34		
5	12	7		20.32	20.32	20.21		
5	12	13		20.28	20.28	20.31		
5	25	0		20.30	20.29	20.25		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.53	23.55	23.50	26.65	0.4624
20	1	49		23.50	23.53	23.48		
20	1	99		23.53	23.49	23.49		
20	50	0		22.48	22.53	22.50		
20	50	24		22.45	22.45	22.46		
20	50	50		22.47	22.45	22.44		
20	100	0		22.43	22.47	22.45		
20	1	0	16-QAM	22.70	22.54	22.66	25.80	0.3802
20	1	49		22.55	22.44	22.58		
20	1	99		22.58	22.51	22.55		
20	50	0		21.57	21.48	21.52		
20	50	24		21.54	21.46	21.52		
20	50	50		21.53	21.44	21.49		
20	100	0		21.53	21.44	21.51		
20	1	0	64-QAM	21.38	21.21	21.34	24.48	0.2805
20	1	49		21.26	21.15	21.28		
20	1	99		21.27	21.18	21.27		
20	50	0		20.52	20.44	20.49		
20	50	24		20.49	20.44	20.47		
20	50	50		20.49	20.44	20.46		
20	100	0		20.49	20.44	20.47		
20	1	0	256-QAM	18.23	18.29	18.29	21.52	0.1419
20	1	49		18.28	18.20	18.28		
20	1	99		18.27	18.30	18.32		
20	50	0		18.41	18.39	18.41		
20	50	24		18.37	18.42	18.27		
20	50	50		18.27	18.31	18.25		
20	100	0		18.40	18.25	18.26		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.50	23.45	23.41	26.60	0.4571
15	1	37		23.50	23.50	23.49		
15	1	74		23.47	23.43	23.34		
15	36	0		22.50	22.38	22.36		
15	36	20		22.47	22.37	22.32		
15	36	39		22.47	22.38	22.32		
15	75	0		22.49	22.40	22.32		
15	1	0	16-QAM	22.57	22.44	22.44	25.67	0.3690
15	1	37		22.48	22.42	22.38		
15	1	74		22.50	22.45	22.40		
15	36	0		21.42	21.31	21.29		
15	36	20		21.40	21.32	21.28		
15	36	39		21.38	21.32	21.28		
15	75	0		21.46	21.38	21.34		
15	1	0	64-QAM	21.27	21.12	21.14	24.37	0.2735
15	1	37		21.23	21.15	21.11		
15	1	74		21.19	21.13	21.09		
15	36	0		20.40	20.31	20.29		
15	36	20		20.39	20.29	20.26		
15	36	39		20.38	20.30	20.25		
15	75	0		20.45	20.35	20.30		
15	1	0	256-QAM	18.16	18.19	18.32	21.52	0.1419
15	1	37		18.16	18.32	18.28		
15	1	74		18.15	18.16	18.18		
15	36	0		18.39	18.32	18.33		
15	36	20		18.25	18.30	18.26		
15	36	39		18.27	18.42	18.30		
15	75	0		18.41	18.41	18.38		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.47	23.39	23.38	26.57	0.4539
10	1	25		23.41	23.34	23.31		
10	1	49		23.45	23.37	23.34		
10	25	0		22.48	22.39	22.34		
10	25	12		22.47	22.39	22.32		
10	25	25		22.47	22.39	22.31		
10	50	0		22.49	22.37	22.31		
10	1	0	16-QAM	22.57	22.43	22.49	25.71	0.3724
10	1	25		22.61	22.56	22.54		
10	1	49		22.45	22.41	22.40		
10	25	0		21.49	21.38	21.37		
10	25	12		21.45	21.37	21.34		
10	25	25		21.45	21.38	21.34		
10	50	0		21.47	21.38	21.36		
10	1	0	64-QAM	21.22	21.09	21.14	24.41	0.2761
10	1	25		21.31	21.27	21.26		
10	1	49		21.13	21.08	21.08		
10	25	0		20.48	20.38	20.37		
10	25	12		20.47	20.37	20.34		
10	25	25		20.47	20.38	20.33		
10	50	0		20.45	20.35	20.31		
10	1	0	256-QAM	18.18	18.22	18.17	21.53	0.1422
10	1	25		18.23	18.26	18.25		
10	1	49		18.24	18.34	18.21		
10	25	0		18.33	18.33	18.33		
10	25	12		18.28	18.30	18.33		
10	25	25		18.28	18.43	18.34		
10	50	0		18.30	18.33	18.25		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41 Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.40	23.39	23.34	26.60	0.4571
5	1	12		23.50	23.17	23.45		
5	1	24		23.37	23.33	23.33		
5	12	0		22.43	22.35	22.32		
5	12	7		22.46	22.34	22.33		
5	12	13		22.44	22.35	22.29		
5	25	0		22.47	22.40	22.32		
5	1	0	16-QAM	22.40	22.32	22.36	25.51	0.3556
5	1	12		22.40	22.37	22.39		
5	1	24		22.41	22.36	22.38		
5	12	0		21.40	21.33	21.30		
5	12	7		21.39	21.29	21.29		
5	12	13		21.38	21.34	21.30		
5	25	0		21.44	21.38	21.33		
5	1	0	64-QAM	21.19	21.10	21.13	24.29	0.2685
5	1	12		21.19	21.15	21.13		
5	1	24		21.16	21.12	21.12		
5	12	0		20.40	20.33	20.34		
5	12	7		20.40	20.30	20.32		
5	12	13		20.38	20.33	20.32		
5	25	0		20.44	20.36	20.37		
5	1	0	256-QAM	18.16	18.29	18.32	21.54	0.1426
5	1	12		18.25	18.26	18.15		
5	1	24		18.21	18.32	18.18		
5	12	0		18.29	18.41	18.43		
5	12	7		18.26	18.27	18.31		
5	12	13		18.43	18.27	18.37		
5	25	0		18.31	18.34	18.44		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	25.41	25.42	25.38	28.52	0.7112
20	1	49		25.34	25.35	25.35		
20	1	99		25.37	25.39	25.33		
20	50	0		24.43	24.45	24.38		
20	50	24		24.41	24.42	24.35		
20	50	50		24.47	24.40	24.42		
20	100	0		24.39	24.41	24.36		
20	1	0	16-QAM	24.73	24.72	24.80	27.90	0.6166
20	1	49		24.62	24.63	24.68		
20	1	99		24.68	24.71	24.66		
20	50	0		23.52	23.45	23.49		
20	50	24		23.50	23.43	23.49		
20	50	50		23.49	23.42	23.47		
20	100	0		23.49	23.41	23.47		
20	1	0	64-QAM	23.61	23.51	23.63	26.73	0.4710
20	1	49		23.50	23.42	23.56		
20	1	99		23.52	23.51	23.52		
20	50	0		22.45	22.38	22.52		
20	50	24		22.45	22.36	22.43		
20	50	50		22.47	22.38	22.41		
20	100	0		22.46	22.36	22.42		
20	1	0	256-QAM	20.23	20.25	20.21	23.52	0.2249
20	1	49		20.32	20.27	20.27		
20	1	99		20.23	20.27	20.21		
20	50	0		20.27	20.42	20.29		
20	50	24		20.40	20.39	20.29		
20	50	50		20.36	20.31	20.41		
20	100	0		20.25	20.32	20.28		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	25.23	25.23	25.16	28.42	0.6950
15	1	37		25.32	25.28	25.17		
15	1	74		25.22	25.26	25.08		
15	36	0		24.28	24.17	24.14		
15	36	20		24.26	24.16	24.11		
15	36	39		24.27	24.17	24.11		
15	75	0		24.27	24.16	24.06		
15	1	0	16-QAM	24.41	24.42	24.39	27.66	0.5834
15	1	37		24.53	24.56	24.49		
15	1	74		24.41	24.44	24.34		
15	36	0		23.20	23.11	23.09		
15	36	20		23.21	23.11	23.09		
15	36	39		23.20	23.12	23.09		
15	75	0		23.25	23.17	23.10		
15	1	0	64-QAM	23.30	23.21	23.22	26.40	0.4365
15	1	37		23.28	23.20	23.17		
15	1	74		23.28	23.24	23.19		
15	36	0		22.20	22.09	22.08		
15	36	20		22.17	22.08	22.05		
15	36	39		22.15	22.09	22.04		
15	75	0		22.19	22.12	22.04		
15	1	0	256-QAM	20.40	20.22	20.39	23.50	0.2239
15	1	37		20.37	20.37	20.26		
15	1	74		20.24	20.35	20.26		
15	36	0		20.37	20.26	20.25		
15	36	20		20.37	20.25	20.40		
15	36	39		20.34	20.26	20.31		
15	75	0		20.37	20.25	20.27		
Limit	EIRP < 2W			Result			Pass	



LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	25.07	25.09	25.03	28.21	0.6622
10	1	25		25.05	25.08	24.97		
10	1	49		25.11	25.10	25.00		
10	25	0		24.24	24.12	24.06		
10	25	12		24.21	24.14	24.03		
10	25	25		24.22	24.13	24.03		
10	50	0		24.25	24.13	24.05		
10	1	0	16-QAM	24.35	24.38	24.37	27.66	0.5834
10	1	25		24.48	24.56	24.49		
10	1	49		24.34	24.39	24.30		
10	25	0		23.22	23.15	23.10		
10	25	12		23.20	23.15	23.08		
10	25	25		23.21	23.16	23.09		
10	50	0		23.21	23.11	23.08		
10	1	0	64-QAM	23.26	23.19	23.22	26.40	0.4365
10	1	25		23.30	23.30	23.28		
10	1	49		23.19	23.16	23.15		
10	25	0		22.22	22.13	22.12		
10	25	12		22.19	22.13	22.08		
10	25	25		22.20	22.13	22.08		
10	50	0		22.19	22.06	22.01		
10	1	0	256-QAM	20.24	20.32	20.25	23.51	0.2244
10	1	25		20.24	20.38	20.22		
10	1	49		20.40	20.27	20.25		
10	25	0		20.30	20.41	20.34		
10	25	12		20.33	20.36	20.29		
10	25	25		20.39	20.41	20.25		
10	50	0		20.29	20.32	20.23		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 41(HPUE) Maximum Average Power [dBm] (GT - LC = 3.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	25.04	25.10	25.03	28.30	0.6761
5	1	12		25.16	25.20	25.12		
5	1	24		25.03	25.09	24.93		
5	12	0		24.16	24.07	23.98		
5	12	7		24.15	24.09	24.02		
5	12	13		24.15	24.07	23.97		
5	25	0		24.17	24.11	24.00		
5	1	0	16-QAM	24.28	24.35	24.31	27.62	0.5781
5	1	12		24.42	24.52	24.45		
5	1	24		24.28	24.36	24.30		
5	12	0		23.15	23.11	23.08		
5	12	7		23.10	23.08	23.05		
5	12	13		23.14	23.14	23.06		
5	25	0		23.15	23.12	23.06		
5	1	0	64-QAM	23.11	23.08	23.10	26.39	0.4355
5	1	12		23.24	23.29	23.28		
5	1	24		23.13	23.14	23.12		
5	12	0		22.12	22.05	22.04		
5	12	7		22.07	22.05	22.03		
5	12	13		22.09	22.08	22.05		
5	25	0		22.13	22.12	22.05		
5	1	0	256-QAM	20.31	20.27	20.28	23.53	0.2254
5	1	12		20.26	20.29	20.22		
5	1	24		20.21	20.30	20.25		
5	12	0		20.25	20.34	20.32		
5	12	7		20.28	20.27	20.29		
5	12	13		20.43	20.34	20.25		
5	25	0		20.31	20.23	20.23		
Limit	EIRP < 2W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	20.10	-	22.72	0.1871
10	1	25			19.99			
10	1	49			20.06			
10	25	0			20.11			
10	25	12			20.12			
10	25	25			20.08			
10	50	0			20.10			
10	1	0	16-QAM		20.29		22.98	0.1986
10	1	25			20.36			
10	1	49			20.38			
10	25	0			20.10			
10	25	12			20.12			
10	25	25			20.12			
10	50	0			20.11			
10	1	0	64-QAM		20.19		22.87	0.1936
10	1	25			20.21			
10	1	49			20.27			
10	25	0			20.10			
10	25	12			20.12			
10	25	25			20.09			
10	50	0			20.14			
10	1	0	256-QAM		18.23		20.93	0.1239
10	1	25			18.32			
10	1	49			18.20			
10	25	0			18.22			
10	25	12			18.28			
10	25	25			18.16			
10	50	0			18.33			
Limit	EIRP < 250mW/5MHz			Result			Pass	

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



LTE Band 30 Maximum Average Power [dBm] (GT - LC = 2.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	20.14	20.16	20.01	22.76	0.1888
5	1	12		20.13	20.14	20.01		
5	1	24		20.08	20.13	20.03		
5	12	0		20.08	20.11	20.08		
5	12	7		20.07	20.07	20.04		
5	12	13		20.12	20.10	20.07		
5	25	0		20.08	20.08	20.06		
5	1	0	16-QAM	20.38	20.43	20.46	23.09	0.2037
5	1	12		20.48	20.49	20.42		
5	1	24		20.43	20.46	20.37		
5	12	0		20.10	20.13	20.08		
5	12	7		20.14	20.14	20.12		
5	12	13		20.15	20.13	20.08		
5	25	0		20.08	20.08	20.03		
5	1	0	64-QAM	20.26	20.33	20.34	22.96	0.1977
5	1	12		20.33	20.36	20.35		
5	1	24		20.35	20.31	20.31		
5	12	0		20.14	20.17	20.15		
5	12	7		20.19	20.20	20.16		
5	12	13		20.19	20.18	20.15		
5	25	0		20.10	20.11	20.06		
5	1	0	256-QAM	18.32	18.29	18.15	20.95	0.1245
5	1	12		18.35	18.29	18.25		
5	1	24		18.26	18.33	18.23		
5	12	0		18.23	18.32	18.24		
5	12	7		18.35	18.30	18.27		
5	12	13		18.34	18.16	18.29		
5	25	0		18.35	18.18	18.21		
Limit	EIRP < 250mW/5MHz			Result			Pass	

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



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.77	23.79	23.74	26.19	0.4159
20	1	49		23.67	23.68	23.53		
20	1	99		23.70	23.71	23.61		
20	50	0		22.76	22.80	22.78		
20	50	24		22.71	22.70	22.71		
20	50	50		22.68	22.72	22.68		
20	100	0		22.73	22.75	22.73		
20	1	0	16-QAM	22.12	22.98	23.04	25.45	0.3508
20	1	49		22.11	22.94	22.98		
20	1	99		23.05	22.89	22.89		
20	50	0		21.87	21.70	21.75		
20	50	24		21.82	21.66	21.71		
20	50	50		21.81	21.65	21.69		
20	100	0		21.85	21.68	21.74		
20	1	0	64-QAM	22.07	21.88	21.94	24.48	0.2805
20	1	49		22.08	21.88	21.95		
20	1	99		21.98	21.80	21.83		
20	50	0		20.88	20.71	20.76		
20	50	24		20.84	20.67	20.72		
20	50	50		20.82	20.65	20.68		
20	100	0		20.84	20.65	20.70		
20	1	0	256-QAM	18.57	18.72	18.74	21.15	0.1303
20	1	49		18.74	18.63	18.57		
20	1	99		18.61	18.70	18.62		
20	50	0		18.55	18.64	18.72		
20	50	24		18.63	18.61	18.73		
20	50	50		18.73	18.74	18.56		
20	100	0		18.75	18.56	18.58		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.75	23.73	23.64	26.15	0.4121
15	1	37		23.47	23.47	23.36		
15	1	74		23.64	23.65	23.50		
15	36	0		22.73	22.72	22.62		
15	36	20		22.71	22.69	22.60		
15	36	39		22.68	22.65	22.57		
15	75	0		22.72	22.69	22.61		
15	1	0	16-QAM	22.82	22.80	22.89	25.30	0.3388
15	1	37		22.81	22.78	22.88		
15	1	74		22.90	22.72	22.76		
15	36	0		21.73	21.70	21.62		
15	36	20		21.68	21.67	21.59		
15	36	39		21.68	21.65	21.57		
15	75	0		21.71	21.70	21.63		
15	1	0	64-QAM	21.74	21.90	21.83	24.30	0.2692
15	1	37		21.79	21.73	21.88		
15	1	74		21.81	21.81	21.69		
15	36	0		20.72	20.70	20.61		
15	36	20		20.69	20.67	20.58		
15	36	39		20.66	20.67	20.56		
15	75	0		20.67	20.65	20.56		
15	1	0	256-QAM	18.66	18.61	18.55	21.11	0.1291
15	1	37		18.57	18.62	18.67		
15	1	74		18.66	18.56	18.62		
15	36	0		18.71	18.62	18.56		
15	36	20		18.58	18.70	18.71		
15	36	39		18.62	18.61	18.58		
15	75	0		18.57	18.71	18.68		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.76	23.74	23.70	26.16	0.4130
10	1	25		23.70	23.60	23.64		
10	1	49		23.73	23.66	23.65		
10	25	0		22.80	22.73	22.72		
10	25	12		22.79	22.71	22.69		
10	25	25		22.77	22.69	22.67		
10	50	0		22.78	22.71	22.70		
10	1	0	16-QAM	22.80	22.73	22.73	25.28	0.3373
10	1	25		22.74	22.88	22.87		
10	1	49		22.77	22.71	22.86		
10	25	0		21.77	21.69	21.72		
10	25	12		21.75	21.68	21.68		
10	25	25		21.75	21.65	21.67		
10	50	0		21.75	21.66	21.69		
10	1	0	64-QAM	21.71	21.80	21.84	24.27	0.2673
10	1	25		21.86	21.72	21.77		
10	1	49		21.87	21.79	21.77		
10	25	0		20.75	20.67	20.68		
10	25	12		20.69	20.64	20.64		
10	25	25		20.69	20.64	20.63		
10	50	0		20.75	20.66	20.66		
10	1	0	256-QAM	18.64	18.58	18.57	21.15	0.1303
10	1	25		18.58	18.62	18.65		
10	1	49		18.58	18.58	18.66		
10	25	0		18.73	18.59	18.63		
10	25	12		18.71	18.72	18.67		
10	25	25		18.75	18.57	18.71		
10	50	0		18.75	18.75	18.70		
Limit	EIRP < 1W			Result			Pass	



LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.60	23.75	23.71	26.15	0.4121
5	1	12		23.59	23.69	23.53		
5	1	24		23.62	23.72	23.52		
5	12	0		22.69	22.67	22.61		
5	12	7		22.65	22.63	22.55		
5	12	13		22.66	22.66	22.56		
5	25	0		22.67	22.68	22.58		
5	1	0	16-QAM	22.88	22.89	22.81	25.29	0.3381
5	1	12		22.84	22.85	22.85		
5	1	24		22.82	22.84	22.80		
5	12	0		21.66	21.65	21.62		
5	12	7		21.68	21.66	21.60		
5	12	13		21.65	21.64	21.55		
5	25	0		21.62	21.62	21.54		
5	1	0	64-QAM	21.81	21.88	21.85	24.28	0.2679
5	1	12		21.86	21.84	21.87		
5	1	24		21.87	21.85	21.76		
5	12	0		20.66	20.68	20.61		
5	12	7		20.68	20.68	20.60		
5	12	13		20.67	20.66	20.57		
5	25	0		20.61	20.61	20.53		
5	1	0	256-QAM	18.72	18.59	18.57	21.15	0.1303
5	1	12		18.62	18.59	18.69		
5	1	24		18.60	18.72	18.60		
5	12	0		18.72	18.71	18.73		
5	12	7		18.56	18.75	18.64		
5	12	13		18.67	18.61	18.68		
5	25	0		18.72	18.63	18.72		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.71	23.64	23.63	26.11	0.4083
3	1	8		23.52	23.55	23.52		
3	1	14		23.57	23.59	23.47		
3	8	0		22.66	22.68	22.55		
3	8	4		22.55	22.57	22.43		
3	8	7		22.64	22.64	22.51		
3	15	0		22.67	22.71	22.60		
3	1	0	16-QAM	22.83	22.84	22.85	25.27	0.3365
3	1	8		22.87	22.87	22.74		
3	1	14		22.83	22.86	22.81		
3	8	0		21.72	21.70	21.61		
3	8	4		21.64	21.64	21.55		
3	8	7		21.65	21.64	21.54		
3	15	0		21.67	21.71	21.60		
3	1	0	64-QAM	21.86	21.85	21.77	24.27	0.2673
3	1	8		21.78	21.76	21.67		
3	1	14		21.87	21.86	21.73		
3	8	0		20.66	20.68	20.58		
3	8	4		20.62	20.63	20.51		
3	8	7		20.65	20.68	20.57		
3	15	0		20.56	20.60	20.49		
3	1	0	256-QAM	18.62	18.69	18.70	21.14	0.1300
3	1	8		18.66	18.59	18.74		
3	1	14		18.57	18.67	18.70		
3	8	0		18.59	18.60	18.70		
3	8	4		18.72	18.68	18.57		
3	8	7		18.59	18.55	18.55		
3	15	0		18.74	18.71	18.73		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 2.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.60	23.70	23.48	26.10	0.4074
1.4	1	3		23.58	23.58	23.45		
1.4	1	5		23.60	23.63	23.49		
1.4	3	0		23.62	23.66	23.54		
1.4	3	1		23.55	23.57	23.44		
1.4	3	3		23.63	23.66	23.53		
1.4	6	0		22.62	22.67	22.57		
1.4	1	0	16-QAM	22.82	22.83	22.81	25.30	0.3388
1.4	1	3		22.85	22.85	22.72		
1.4	1	5		22.83	22.90	22.78		
1.4	3	0		22.58	22.57	22.46		
1.4	3	1		22.61	22.62	22.50		
1.4	3	3		22.57	22.58	22.45		
1.4	6	0		21.69	21.70	21.59		
1.4	1	0	64-QAM	21.85	21.81	21.73	24.25	0.2661
1.4	1	3		21.70	21.67	21.57		
1.4	1	5		21.81	21.82	21.71		
1.4	3	0		21.69	21.69	21.58		
1.4	3	1		21.69	21.69	21.58		
1.4	3	3		21.73	21.72	21.58		
1.4	6	0		20.57	20.59	20.47		
1.4	1	0	256-QAM	18.70	18.71	18.64	21.15	0.1303
1.4	1	3		18.59	18.55	18.61		
1.4	1	5		18.60	18.68	18.75		
1.4	3	0		18.66	18.57	18.68		
1.4	3	1		18.62	18.59	18.60		
1.4	3	3		18.63	18.75	18.71		
1.4	6	0		18.56	18.58	18.66		
Limit	EIRP < 1W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
20	1	0	QPSK	24.26	24.30	24.27	17.25	0.0531
20	1	49		24.15	24.05	24.10		
20	1	99		24.08	24.07	24.02		
20	50	0		23.25	23.27	23.23		
20	50	24		23.18	23.21	23.19		
20	50	50		23.14	23.17	23.14		
20	100	0		23.21	23.24	23.21		
20	1	0	16-QAM	23.45	23.56	23.58	16.53	0.0450
20	1	49		23.45	23.48	23.44		
20	1	99		23.40	23.36	23.28		
20	50	0		22.23	22.26	22.22		
20	50	24		22.17	22.20	22.15		
20	50	50		22.15	22.16	22.11		
20	100	0		22.18	22.21	22.18		
20	1	0	64-QAM	22.34	22.46	22.47	15.42	0.0348
20	1	49		22.39	22.42	22.37		
20	1	99		22.27	22.26	22.18		
20	50	0		21.24	21.26	21.25		
20	50	24		21.18	21.22	21.18		
20	50	50		21.13	21.16	21.10		
20	100	0		21.18	21.22	21.18		
20	1	0	256-QAM	19.50	19.50	19.36	12.50	0.0178
20	1	49		19.49	19.44	19.36		
20	1	99		19.46	19.48	19.55		
20	50	0		19.15	19.25	19.25		
20	50	24		19.35	19.15	19.32		
20	50	50		19.29	19.29	19.19		
20	100	0		19.33	19.20	19.28		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	24.23	24.17	24.19	17.18	0.0522
15	1	37		23.99	24.22	23.90		
15	1	74		24.07	24.04	23.97		
15	36	0		23.19	23.21	23.15		
15	36	20		23.16	23.16	23.09		
15	36	39		23.13	23.13	23.05		
15	75	0		23.17	23.18	23.10		
15	1	0	16-QAM	23.39	23.49	23.46	16.44	0.0441
15	1	37		23.45	23.44	23.37		
15	1	74		23.33	23.34	23.20		
15	36	0		22.20	22.20	22.15		
15	36	20		22.16	22.15	22.08		
15	36	39		22.14	22.12	22.07		
15	75	0		22.16	22.18	22.09		
15	1	0	64-QAM	22.29	22.38	22.34	15.41	0.0348
15	1	37		22.46	22.44	22.35		
15	1	74		22.23	22.24	22.09		
15	36	0		21.18	21.17	21.14		
15	36	20		21.17	21.12	21.09		
15	36	39		21.13	21.10	21.04		
15	75	0		21.14	21.10	21.09		
15	1	0	256-QAM	19.55	19.35	19.44	12.50	0.0178
15	1	37		19.53	19.47	19.55		
15	1	74		19.35	19.36	19.43		
15	36	0		19.35	19.33	19.28		
15	36	20		19.34	19.18	19.15		
15	36	39		19.27	19.34	19.17		
15	75	0		19.31	19.15	19.35		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.20	24.20	24.14	17.15	0.0519
10	1	25		24.14	24.08	24.07		
10	1	49		24.11	24.10	24.02		
10	25	0		23.26	23.20	23.17		
10	25	12		23.21	23.17	23.14		
10	25	25		23.18	23.15	23.11		
10	50	0		23.22	23.18	23.14		
10	1	0	16-QAM	23.37	23.41	23.39	16.36	0.0433
10	1	25		23.40	23.39	23.34		
10	1	49		23.38	23.35	23.24		
10	25	0		22.21	22.18	22.14		
10	25	12		22.17	22.16	22.11		
10	25	25		22.17	22.14	22.08		
10	50	0		22.19	22.15	22.11		
10	1	0	64-QAM	22.29	22.29	22.30	15.25	0.0335
10	1	25		22.26	22.22	22.17		
10	1	49		22.29	22.21	22.15		
10	25	0		21.19	21.15	21.11		
10	25	12		21.17	21.12	21.09		
10	25	25		21.14	21.09	21.05		
10	50	0		21.17	21.15	21.10		
10	1	0	256-QAM	19.41	19.49	19.35	12.49	0.0177
10	1	25		19.43	19.41	19.44		
10	1	49		19.40	19.54	19.51		
10	25	0		19.31	19.34	19.28		
10	25	12		19.30	19.25	19.22		
10	25	25		19.24	19.33	19.27		
10	50	0		19.33	19.27	19.22		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 71 Maximum Average Power [dBm] (GT - LC = -4.9 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.24	24.22	24.16	17.19	0.0524
5	1	12		24.12	24.11	24.00		
5	1	24		24.18	24.11	24.00		
5	12	0		23.18	23.16	23.10		
5	12	7		23.13	23.12	23.06		
5	12	13		23.15	23.13	23.05		
5	25	0		23.20	23.16	23.07		
5	1	0	16-QAM	23.38	23.43	23.38	16.40	0.0437
5	1	12		23.44	23.45	23.37		
5	1	24		23.41	23.40	23.28		
5	12	0		22.14	22.14	22.09		
5	12	7		22.16	22.17	22.08		
5	12	13		22.13	22.13	22.04		
5	25	0		22.13	22.12	22.04		
5	1	0	64-QAM	22.30	22.34	22.26	15.38	0.0345
5	1	12		22.42	22.43	22.35		
5	1	24		22.31	22.27	22.15		
5	12	0		21.14	21.16	21.11		
5	12	7		21.16	21.16	21.10		
5	12	13		21.18	21.15	21.06		
5	25	0		21.12	21.11	21.03		
5	1	0	256-QAM	19.41	19.38	19.35	12.48	0.0177
5	1	12		19.53	19.36	19.35		
5	1	24		19.44	19.43	19.38		
5	12	0		19.18	19.23	19.15		
5	12	7		19.17	19.19	19.21		
5	12	13		19.24	19.10	19.07		
5	25	0		19.25	19.19	19.21		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.2 dB)											
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0	QPSK	-	24.17	-	18.82	0.0762			
10	1	25			24.10						
10	1	49			24.10						
10	25	0			23.21						
10	25	12			23.20						
10	25	25			23.18						
10	50	0			23.21						
10	1	0	16-QAM		23.31		-	18.00	0.0631		
10	1	25			23.32						
10	1	49			23.35						
10	25	0			22.18						
10	25	12			22.18						
10	25	25			22.17						
10	50	0			22.18						
10	1	0	64-QAM		22.30			-	16.97	0.0498	
10	1	25			22.25						
10	1	49			22.32						
10	25	0			21.15						
10	25	12			21.15						
10	25	25			21.14						
10	50	0			21.17						
10	1	0	256-QAM		19.04				-	13.76	0.0238
10	1	25			19.11						
10	1	49			19.04						
10	25	0			18.84						
10	25	12			18.95						
10	25	25			18.93						
10	50	0			18.90						
Limit	ERP < 3W			Result						Pass	



LTE Band 14 Maximum Average Power [dBm] (GT - LC = -3.2 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.10	24.11	24.11	18.76	0.0752
5	1	12		24.11	24.04	24.07		
5	1	24		24.11	24.07	24.08		
5	12	0		23.18	23.12	23.19		
5	12	7		23.14	23.12	23.16		
5	12	13		23.17	23.14	23.15		
5	25	0		23.21	23.15	23.16		
5	1	0	16-QAM	23.35	23.30	23.41	18.09	0.0644
5	1	12		23.37	23.37	23.44		
5	1	24		23.37	23.36	23.33		
5	12	0		22.12	22.08	22.17		
5	12	7		22.13	22.13	22.17		
5	12	13		22.12	22.11	22.13		
5	25	0		22.13	22.09	22.13		
5	1	0	64-QAM	22.30	22.24	22.33	17.09	0.0512
5	1	12		22.39	22.37	22.44		
5	1	24		22.28	22.28	22.28		
5	12	0		21.15	21.10	21.20		
5	12	7		21.15	21.13	21.18		
5	12	13		21.17	21.14	21.16		
5	25	0		21.13	21.07	21.12		
5	1	0	256-QAM	19.18	19.08	19.18	13.83	0.0242
5	1	12		19.07	19.01	19.18		
5	1	24		19.18	19.06	19.11		
5	12	0		19.03	19.01	19.02		
5	12	7		18.91	18.99	19.01		
5	12	13		18.92	18.85	18.93		
5	25	0		18.88	18.84	19.00		
Limit	ERP < 3W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	23.90	-	-	19.05	0.0804
15	1	37		23.66	-	-		
15	1	74		23.85	-	-		
15	36	0		22.92	-	-		
15	36	20		22.91	-	-		
15	36	39		22.91	-	-		
15	75	0		22.90	-	-		
15	1	0	16-QAM	23.13	-	-	18.29	0.0675
15	1	37		23.14	-	-		
15	1	74		23.14	-	-		
15	36	0		21.87	-	-		
15	36	20		21.86	-	-		
15	36	39		21.87	-	-		
15	75	0		21.87	-	-		
15	1	0	64-QAM	22.06	-	-	17.32	0.0540
15	1	37		22.17	-	-		
15	1	74		22.04	-	-		
15	36	0		19.85	-	-		
15	36	20		19.87	-	-		
15	36	39		19.86	-	-		
15	75	0		19.84	-	-		
15	1	0	256-QAM	17.46	-	-	12.61	0.0182
15	1	37		17.40	-	-		
15	1	74		17.41	-	-		
15	36	0		16.75	-	-		
15	36	20		16.62	-	-		
15	36	39		16.67	-	-		
15	75	0		16.64	-	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.84	-	18.99	0.0793
10	1	25		-	23.76	-		
10	1	49		-	23.79	-		
10	25	0		-	22.89	-		
10	25	12		-	22.85	-		
10	25	25		-	22.86	-		
10	50	0		-	22.86	-		
10	1	0	16-QAM	-	23.09	-	18.24	0.0667
10	1	25		-	23.04	-		
10	1	49		-	22.99	-		
10	25	0		-	21.86	-		
10	25	12		-	21.84	-		
10	25	25		-	21.82	-		
10	50	0		-	21.83	-		
10	1	0	64-QAM	-	21.99	-	17.14	0.0518
10	1	25		-	21.89	-		
10	1	49		-	21.93	-		
10	25	0		-	19.84	-		
10	25	12		-	19.80	-		
10	25	25		-	19.78	-		
10	50	0		-	19.82	-		
10	1	0	256-QAM	-	17.48	-	12.63	0.0183
10	1	25		-	17.36	-		
10	1	49		-	17.38	-		
10	25	0		-	16.71	-		
10	25	12		-	16.63	-		
10	25	25		-	16.63	-		
10	50	0		-	16.79	-		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.78	23.81	23.81	18.98	0.0791
5	1	12		23.75	23.83	23.79		
5	1	24		23.78	23.72	23.70		
5	12	0		22.85	22.75	22.76		
5	12	7		22.81	22.78	22.89		
5	12	13		22.84	22.83	22.79		
5	25	0		22.86	22.91	22.79		
5	1	0	16-QAM	23.10	23.11	23.15	18.32	0.0679
5	1	12		23.08	23.02	23.17		
5	1	24		23.05	22.95	23.00		
5	12	0		21.82	21.79	21.74		
5	12	7		21.83	21.75	21.75		
5	12	13		21.80	21.73	21.72		
5	25	0		21.79	21.82	21.87		
5	1	0	64-QAM	22.00	22.02	21.93	17.35	0.0543
5	1	12		22.10	22.20	22.17		
5	1	24		21.96	21.96	22.06		
5	12	0		19.86	19.93	19.95		
5	12	7		19.85	19.77	19.86		
5	12	13		19.85	19.77	19.90		
5	25	0		19.80	19.78	19.70		
5	1	0	256-QAM	17.37	17.42	17.34	12.57	0.0181
5	1	12		17.39	17.38	17.36		
5	1	24		17.34	17.30	17.38		
5	12	0		16.76	16.82	16.71		
5	12	7		16.80	16.83	16.85		
5	12	13		16.63	16.68	16.56		
5	25	0		16.70	16.77	16.75		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	23.72	23.77	23.66	18.92	0.0780
3	1	8		23.64	23.54	23.56		
3	1	14		23.71	23.72	23.72		
3	8	0		22.82	22.84	22.84		
3	8	4		22.74	22.70	22.81		
3	8	7		22.81	22.73	22.90		
3	15	0		22.91	23.00	22.88		
3	1	0	16-QAM	23.05	23.13	23.04	18.28	0.0673
3	1	8		22.95	22.99	23.01		
3	1	14		23.07	23.03	23.07		
3	8	0		21.85	21.88	21.91		
3	8	4		21.80	21.90	21.85		
3	8	7		21.79	21.87	21.83		
3	15	0		21.88	21.97	21.83		
3	1	0	64-QAM	22.00	22.05	22.02	17.20	0.0525
3	1	8		21.90	21.92	21.82		
3	1	14		22.01	22.01	22.00		
3	8	0		19.83	19.85	19.81		
3	8	4		19.77	19.73	19.71		
3	8	7		19.84	19.84	19.91		
3	15	0		19.78	19.77	19.85		
3	1	0	256-QAM	17.42	17.44	17.35	12.67	0.0185
3	1	8		17.45	17.35	17.52		
3	1	14		17.41	17.31	17.49		
3	8	0		16.74	16.72	16.67		
3	8	4		16.75	16.73	16.83		
3	8	7		16.62	16.60	16.56		
3	15	0		16.62	16.69	16.53		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	23.71	23.75	23.64	18.93	0.0782
1.4	1	3		23.64	23.65	23.58		
1.4	1	5		23.71	23.63	23.67		
1.4	3	0		23.77	23.76	23.73		
1.4	3	1		23.65	23.60	23.66		
1.4	3	3		23.78	23.74	23.78		
1.4	6	0		22.80	22.90	22.75		
1.4	1	0	16-QAM	23.00	23.03	22.91	18.18	0.0658
1.4	1	3		22.92	22.95	22.98		
1.4	1	5		22.98	22.90	23.02		
1.4	3	0		22.69	22.73	22.63		
1.4	3	1		22.75	22.73	22.83		
1.4	3	3		22.71	22.68	22.65		
1.4	6	0		21.83	21.88	21.77		
1.4	1	0	64-QAM	21.93	21.86	21.93	17.14	0.0518
1.4	1	3		21.77	21.82	21.71		
1.4	1	5		21.92	21.85	21.99		
1.4	3	0		21.81	21.77	21.88		
1.4	3	1		21.83	21.86	21.90		
1.4	3	3		21.86	21.83	21.80		
1.4	6	0		19.84	19.77	19.94		
1.4	1	0	256-QAM	17.49	17.59	17.39	12.74	0.0188
1.4	1	3		17.46	17.54	17.54		
1.4	1	5		17.39	17.49	17.49		
1.4	3	0		17.31	17.27	17.29		
1.4	3	1		17.45	17.44	17.50		
1.4	3	3		17.39	17.34	17.42		
1.4	6	0		16.75	16.67	16.79		
Limit	Power < 100W			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	-	23.99	-	19.14	0.0820
15	1	37		-	23.60	-		
15	1	74		-	23.95	-		
15	36	0		-	22.99	-		
15	36	20		-	22.86	-		
15	36	39		-	22.84	-		
15	75	0		-	22.90	-		
15	1	0	16-QAM	-	23.09	-	18.30	0.0676
15	1	37		-	23.10	-		
15	1	74		-	23.15	-		
15	36	0		-	21.78	-		
15	36	20		-	21.88	-		
15	36	39		-	21.87	-		
15	75	0		-	21.97	-		
15	1	0	64-QAM	-	22.04	-	17.34	0.0542
15	1	37		-	22.19	-		
15	1	74		-	22.00	-		
15	36	0		-	19.89	-		
15	36	20		-	19.79	-		
15	36	39		-	19.77	-		
15	75	0		-	19.75	-		
15	1	0	256-QAM	-	17.48	-	12.63	0.0183
15	1	37		-	17.44	-		
15	1	74		-	17.36	-		
15	36	0		-	16.73	-		
15	36	20		-	16.67	-		
15	36	39		-	16.75	-		
15	75	0		-	16.55	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	23.92	-	19.07	0.0807
10	1	25		-	23.86	-		
10	1	49		-	23.86	-		
10	25	0		-	22.86	-		
10	25	12		-	22.81	-		
10	25	25		-	22.96	-		
10	50	0		-	22.85	-		
10	1	0	16-QAM	-	22.97	-	18.32	0.0679
10	1	25		-	23.11	-		
10	1	49		-	23.17	-		
10	25	0		-	21.91	-		
10	25	12		-	21.81	-		
10	25	25		-	21.95	-		
10	50	0		-	21.76	-		
10	1	0	64-QAM	-	22.04	-	17.19	0.0524
10	1	25		-	21.78	-		
10	1	49		-	21.96	-		
10	25	0		-	19.78	-		
10	25	12		-	19.86	-		
10	25	25		-	19.80	-		
10	50	0		-	19.80	-		
10	1	0	256-QAM	-	17.36	-	12.60	0.0182
10	1	25		-	17.45	-		
10	1	49		-	17.21	-		
10	25	0		-	16.66	-		
10	25	12		-	16.62	-		
10	25	25		-	16.71	-		
10	50	0		-	16.83	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	-	23.74	-	18.89	0.0774
5	1	12		-	23.72	-		
5	1	24		-	23.69	-		
5	12	0		-	22.89	-		
5	12	7		-	22.83	-		
5	12	13		-	22.90	-		
5	25	0		-	22.81	-		
5	1	0	16-QAM	-	23.05	-	18.33	0.0681
5	1	12		-	23.18	-		
5	1	24		-	23.05	-		
5	12	0		-	21.75	-		
5	12	7		-	21.77	-		
5	12	13		-	21.83	-		
5	25	0		-	21.70	-		
5	1	0	64-QAM	-	21.92	-	17.21	0.0526
5	1	12		-	22.06	-		
5	1	24		-	21.94	-		
5	12	0		-	19.77	-		
5	12	7		-	19.94	-		
5	12	13		-	19.91	-		
5	25	0		-	19.88	-		
5	1	0	256-QAM	-	17.35	-	12.59	0.0182
5	1	12		-	17.44	-		
5	1	24		-	17.29	-		
5	12	0		-	16.75	-		
5	12	7		-	16.86	-		
5	12	13		-	16.56	-		
5	25	0		-	16.63	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	-	23.75	-	18.90	0.0776
3	1	8		-	23.57	-		
3	1	14		-	23.73	-		
3	8	0		-	22.80	-		
3	8	4		-	22.83	-		
3	8	7		-	22.71	-		
3	15	0		-	22.82	-		
3	1	0	16-QAM	-	23.14	-	18.29	0.0675
3	1	8		-	22.99	-		
3	1	14		-	23.07	-		
3	8	0		-	21.77	-		
3	8	4		-	21.82	-		
3	8	7		-	21.74	-		
3	15	0		-	21.88	-		
3	1	0	64-QAM	-	22.05	-	17.20	0.0525
3	1	8		-	21.95	-		
3	1	14		-	21.93	-		
3	8	0		-	19.90	-		
3	8	4		-	19.75	-		
3	8	7		-	19.94	-		
3	15	0		-	19.81	-		
3	1	0	256-QAM	-	17.47	-	12.63	0.0183
3	1	8		-	17.48	-		
3	1	14		-	17.36	-		
3	8	0		-	16.74	-		
3	8	4		-	16.65	-		
3	8	7		-	16.63	-		
3	15	0		-	16.70	-		
Limit	Reporting Only			Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 26 (Part90S) Straddle Maximum Average Power [dBm] (GT - LC = -2.7 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	-	23.62	-	18.96	0.0787
1.4	1	3		-	23.56	-		
1.4	1	5		-	23.66	-		
1.4	3	0		-	23.80	-		
1.4	3	1		-	23.68	-		
1.4	3	3		-	23.81	-		
1.4	6	0		-	22.75	-		
1.4	1	0	16-QAM	-	22.96	-	18.16	0.0655
1.4	1	3		-	22.83	-		
1.4	1	5		-	23.01	-		
1.4	3	0		-	22.74	-		
1.4	3	1		-	22.73	-		
1.4	3	3		-	22.64	-		
1.4	6	0		-	21.91	-		
1.4	1	0	64-QAM	-	21.86	-	17.17	0.0521
1.4	1	3		-	21.73	-		
1.4	1	5		-	22.02	-		
1.4	3	0		-	21.76	-		
1.4	3	1		-	21.80	-		
1.4	3	3		-	21.76	-		
1.4	6	0		-	19.77	-		
1.4	1	0	256-QAM	-	17.50	-	12.69	0.0186
1.4	1	3		-	17.37	-		
1.4	1	5		-	17.39	-		
1.4	3	0		-	17.37	-		
1.4	3	1		-	17.54	-		
1.4	3	3		-	17.39	-		
1.4	6	0		-	16.85	-		
Limit	Reporting Only			Result			Pass	



LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.2 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	21.14	21.13	21.22	17.95	0.0624
10+10	1	0	1	49		14.92	14.96	14.99		
10+10	1	49	1	0		23.22	23.27	23.30		
10+10	50	0	50	0	16-QAM	20.19	20.23	20.24	17.16	0.0520
10+10	1	0	1	49		15.23	15.54	15.34		
10+10	1	49	1	0		22.41	22.51	22.47		
10+10	50	0	50	0	64-QAM	20.22	20.24	20.26	15.17	0.0329
10+10	1	0	1	49		15.21	15.26	15.22		
10+10	1	49	1	0		20.44	20.42	20.52		
10+10	50	0	50	0	256-QAM	18.16	18.24	18.24	13.11	0.0205
10+10	1	0	1	49		15.04	15.13	15.17		
10+10	1	49	1	0		18.35	18.46	18.41		
10+5	50	0	25	0	QPSK	21.17	21.22	21.25	17.87	0.0612
10+5	1	0	1	24		13.16	13.04	13.04		
10+5	1	49	1	0		22.19	22.36	23.22		
10+5	50	0	25	0	16-QAM	20.19	20.17	20.21	17.13	0.0516
10+5	1	0	1	24		13.40	13.35	13.33		
10+5	1	49	1	0		22.41	22.48	22.46		
10+5	50	0	25	0	64-QAM	20.21	19.49	20.23	15.00	0.0316
10+5	1	0	1	24		13.28	13.36	13.30		
10+5	1	49	1	0		20.35	20.34	20.33		
10+5	50	0	25	0	256-QAM	17.58	18.21	18.21	13.02	0.0200
10+5	1	0	1	24		13.17	13.19	13.18		
10+5	1	49	1	0		18.15	18.19	18.37		
5+10	25	0	50	0	QPSK	21.26	21.19	21.16	17.82	0.0605
5+10	1	0	1	49		13.00	12.97	12.97		
5+10	1	24	1	0		22.38	23.17	22.38		
5+10	25	0	50	0	16-QAM	19.42	20.19	20.17	17.21	0.0526
5+10	1	0	1	49		13.54	13.27	13.43		
5+10	1	24	1	0		22.56	22.37	22.46		
5+10	25	0	50	0	64-QAM	20.21	20.17	20.16	15.09	0.0323
5+10	1	0	1	49		13.35	13.35	13.24		
5+10	1	24	1	0		20.44	20.33	20.35		
5+10	25	0	50	0	256-QAM	18.23	18.15	18.12	12.88	0.0194
5+10	1	0	1	49		13.23	13.12	13.11		
5+10	1	24	1	0		18.15	18.11	18.12		
Limit	ERP < 7W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 5B_CA Maximum Average Power [dBm] (GT - LC = -3.2 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+3	25	0	15	0	QPSK	23.18	22.46	23.20	17.85	0.0610
5+3	1	0	1	14		13.52	13.46	13.53		
5+3	1	24	1	0		23.14	23.13	23.17		
5+3	25	0	15	0	16-QAM	23.21	22.40	23.23	18.20	0.0661
5+3	1	0	1	14		13.94	13.94	13.92		
5+3	1	24	1	0		23.55	23.39	22.65		
5+3	25	0	15	0	64-QAM	23.17	23.19	23.16	17.96	0.0625
5+3	1	0	1	14		13.84	13.97	13.87		
5+3	1	24	1	0		23.31	23.31	23.30		
5+3	25	0	15	0	256-QAM	22.51	23.15	22.35	17.85	0.0610
5+3	1	0	1	14		13.64	13.67	13.68		
5+3	1	24	1	0		23.18	23.20	23.17		
3+5	15	0	25	0	QPSK	22.80	22.78	23.15	17.80	0.0603
3+5	1	0	1	24		13.40	13.40	13.87		
3+5	1	14	1	0		23.03	22.18	23.09		
3+5	15	0	25	0	16-QAM	23.21	23.23	23.25	18.12	0.0649
3+5	1	0	1	24		13.85	14.38	13.97		
3+5	1	14	1	0		23.32	23.39	23.47		
3+5	15	0	25	0	64-QAM	23.24	22.49	23.15	18.03	0.0635
3+5	1	0	1	24		13.91	13.85	13.84		
3+5	1	14	1	0		23.38	23.29	22.78		
3+5	15	0	25	0	256-QAM	22.48	23.16	23.17	17.90	0.0617
3+5	1	0	1	24		13.73	13.57	13.59		
3+5	1	14	1	0		23.25	23.02	23.16		
Limit	ERP < 7W					Result			Pass	



LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 2.4 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	21.35	21.37	21.27	25.75	0.3758
10+10	1	0	1	49		15.10	15.20	15.25		
10+10	1	49	1	0		23.28	22.51	23.35		
10+10	50	0	50	0	16-QAM	20.30	20.37	20.40	25.15	0.3273
10+10	1	0	1	49		15.49	15.45	15.07		
10+10	1	49	1	0		22.75	22.47	22.72		
10+10	50	0	50	0	64-QAM	20.39	20.39	20.41	23.15	0.2065
10+10	1	0	1	49		15.49	15.15	15.19		
10+10	1	49	1	0		20.33	19.73	20.75		
10+10	50	0	50	0	256-QAM	18.29	18.29	17.33	20.96	0.1247
10+10	1	0	1	49		15.17	14.86	15.18		
10+10	1	49	1	0		18.39	18.56	18.48		
15+5	75	0	25	0	QPSK	21.43	21.34	21.40	25.77	0.3776
15+5	1	0	1	24		15.16	14.61	15.17		
15+5	1	74	1	0		23.37	23.36	23.20		
15+5	75	0	25	0	16-QAM	19.26	20.37	20.36	25.21	0.3319
15+5	1	0	1	24		15.54	15.36	15.75		
15+5	1	74	1	0		22.65	22.38	22.81		
15+5	75	0	25	0	64-QAM	20.32	20.33	20.38	22.99	0.1991
15+5	1	0	1	24		15.59	15.25	15.17		
15+5	1	74	1	0		19.86	20.59	20.32		
15+5	75	0	25	0	256-QAM	18.35	18.36	18.34	20.96	0.1247
15+5	1	0	1	24		15.15	14.73	15.15		
15+5	1	74	1	0		18.26	18.56	18.20		
5+15	25	0	75	0	QPSK	20.36	21.37	21.43	25.71	0.3724
5+15	1	0	1	74		15.26	14.88	15.02		
5+15	1	24	1	0		23.31	22.39	23.17		
5+15	25	0	75	0	16-QAM	20.50	20.40	20.39	25.25	0.3350
5+15	1	0	1	74		15.60	15.57	14.76		
5+15	1	24	1	0		21.87	22.85	22.55		
5+15	25	0	75	0	64-QAM	20.39	19.58	20.40	23.08	0.2032
5+15	1	0	1	74		15.32	15.06	15.31		
5+15	1	24	1	0		20.68	20.34	20.68		
5+15	25	0	75	0	256-QAM	18.34	18.31	18.29	20.82	0.1208
5+15	1	0	1	74		14.74	14.76	15.37		
5+15	1	24	1	0		17.37	18.42	18.32		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66B_CA Maximum Average Power [dBm] (GT - LC = 2.4 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	21.38	20.47	21.24	25.74	0.3750
10+5	1	0	1	24		12.91	13.35	12.93		
10+5	1	49	1	0		23.34	23.32	22.34		
10+5	50	0	25	0	16-QAM	20.37	20.41	20.36	25.19	0.3304
10+5	1	0	1	24		13.00	13.55	13.61		
10+5	1	49	1	0		22.79	22.58	22.15		
10+5	50	0	25	0	64-QAM	20.39	20.36	20.26	22.94	0.1968
10+5	1	0	1	24		13.39	13.73	13.29		
10+5	1	49	1	0		20.54	20.52	20.36		
10+5	50	0	25	0	256-QAM	17.45	17.37	18.26	21.04	0.1271
10+5	1	0	1	24		13.26	13.18	13.48		
10+5	1	49	1	0		18.49	18.64	18.21		
5+10	25	0	50	0	QPSK	21.34	21.35	21.26	25.76	0.3767
5+10	1	0	1	49		12.88	13.37	13.15		
5+10	1	24	1	0		23.36	23.32	22.85		
5+10	25	0	50	0	16-QAM	20.33	20.40	19.39	25.16	0.3281
5+10	1	0	1	49		13.63	13.75	12.98		
5+10	1	24	1	0		21.84	22.75	22.76		
5+10	25	0	50	0	64-QAM	20.41	19.37	20.34	23.18	0.2080
5+10	1	0	1	49		13.18	13.50	12.48		
5+10	1	24	1	0		20.77	20.78	19.65		
5+10	25	0	50	0	256-QAM	18.28	18.28	18.32	20.72	0.1180
5+10	1	0	1	49		12.96	13.32	13.27		
5+10	1	24	1	0		17.99	17.29	18.32		
5+5	25	0	25	0	QPSK	21.30	20.38	21.31	25.76	0.3767
5+5	1	0	1	24		13.49	13.45	13.54		
5+5	1	24	1	0		22.42	23.36	23.11		
5+5	25	0	25	0	16-QAM	20.23	20.30	20.23	25.18	0.3296
5+5	1	0	1	24		14.23	14.10	13.50		
5+5	1	24	1	0		21.63	22.29	22.78		
5+5	25	0	25	0	64-QAM	20.30	19.40	20.37	23.21	0.2094
5+5	1	0	1	24		13.87	19.82	13.48		
5+5	1	24	1	0		20.41	20.81	20.36		
5+5	25	0	25	0	256-QAM	18.29	17.32	18.30	20.85	0.1216
5+5	1	0	1	24		14.00	13.71	13.42		
5+5	1	24	1	0		18.45	18.37	17.32		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 2.4 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	21.55	21.49	21.54	25.89	0.3882
20+20	1	0	1	99		15.30	15.42	15.32		
20+20	1	99	1	0		23.49	16.58	22.72		
20+20	100	0	100	0	16-QAM	20.54	16.52	20.47	25.59	0.3622
20+20	1	0	1	99		15.70	15.04	15.97		
20+20	1	99	1	0		22.31	23.19	22.74		
20+20	100	0	100	0	64-QAM	16.55	20.64	20.57	23.54	0.2259
20+20	1	0	1	99		15.19	15.52	15.81		
20+20	1	99	1	0		21.14	20.87	20.78		
20+20	100	0	100	0	256-QAM	18.53	18.53	18.63	21.12	0.1294
20+20	1	0	1	99		15.55	15.21	15.34		
20+20	1	99	1	0		18.72	18.48	18.69		
20+15	100	0	75	0	QPSK	21.49	21.47	21.52	26.03	0.4009
20+15	1	0	1	74		15.19	15.26	14.93		
20+15	1	74	1	0		22.58	22.58	23.63		
20+15	100	0	75	0	16-QAM	20.49	20.55	20.48	25.39	0.3459
20+15	1	0	1	74		15.69	15.88	14.80		
20+15	1	74	1	0		21.79	22.59	22.99		
20+15	100	0	75	0	64-QAM	19.29	20.57	20.50	23.05	0.2018
20+15	1	0	1	74		15.72	15.52	15.67		
20+15	1	74	1	0		20.63	19.76	20.65		
20+15	100	0	75	0	256-QAM	18.55	18.50	18.57	21.28	0.1343
20+15	1	0	1	74		15.14	15.00	15.54		
20+15	1	74	1	0		18.51	18.79	18.88		
15+20	75	0	100	0	QPSK	21.53	21.47	21.49	25.97	0.3954
15+20	1	0	1	99		15.26	15.27	15.28		
15+20	1	74	1	0		23.53	23.02	23.57		
15+20	75	0	100	0	16-QAM	20.50	20.55	20.54	25.23	0.3334
15+20	1	0	1	99		15.52	15.57	15.15		
15+20	1	74	1	0		22.83	22.79	22.82		
15+20	75	0	100	0	64-QAM	20.58	20.43	20.52	23.06	0.2023
15+20	1	0	1	99		15.72	15.71	15.33		
15+20	1	74	1	0		20.58	19.85	20.66		
15+20	75	0	100	0	256-QAM	18.59	18.48	18.55	21.06	0.1276
15+20	1	0	1	99		15.60	15.49	15.12		
15+20	1	74	1	0		18.59	18.57	18.66		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 2.4 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	21.42	21.48	20.54	25.83	0.3828
20+10	1	0	1	49		15.25	15.38	15.26		
20+10	1	99	1	0		23.43	23.42	22.84		
20+10	100	0	50	0	16-QAM	20.41	20.51	20.39	25.43	0.3491
20+10	1	0	1	49		15.84	15.53	15.25		
20+10	1	99	1	0		23.00	22.94	23.03		
20+10	100	0	50	0	64-QAM	20.42	20.38	20.47	23.31	0.2143
20+10	1	0	1	49		15.53	15.48	15.51		
20+10	1	99	1	0		20.68	20.77	20.91		
20+10	100	0	50	0	256-QAM	18.39	18.10	18.51	21.20	0.1318
20+10	1	0	1	49		15.01	15.41	15.26		
20+10	1	99	1	0		18.48	18.59	18.80		
10+20	50	0	100	0	QPSK	21.47	21.34	21.42	25.89	0.3882
10+20	1	0	1	99		14.94	15.17	15.23		
10+20	1	49	1	0		22.67	23.36	23.49		
10+20	50	0	100	0	16-QAM	20.71	20.33	20.37	25.20	0.3311
10+20	1	0	1	99		15.52	15.62	15.81		
10+20	1	49	1	0		22.71	22.80	22.49		
10+20	50	0	100	0	64-QAM	20.54	20.37	20.41	22.98	0.1986
10+20	1	0	1	99		15.54	15.31	14.93		
10+20	1	49	1	0		20.58	20.52	20.46		
10+20	50	0	100	0	256-QAM	17.23	17.45	18.39	21.28	0.1343
10+20	1	0	1	99		15.56	15.37	15.48		
10+20	1	49	1	0		18.88	18.47	17.32		
20+5	100	0	25	0	QPSK	21.56	21.47	21.51	25.95	0.3936
20+5	1	0	1	24		15.27	15.36	15.33		
20+5	1	99	1	0		22.57	23.55	23.54		
20+5	100	0	25	0	16-QAM	20.40	20.60	20.51	25.50	0.3548
20+5	1	0	1	24		15.66	15.49	15.52		
20+5	1	99	1	0		23.00	22.83	23.10		
20+5	100	0	25	0	64-QAM	20.58	20.54	20.52	23.40	0.2188
20+5	1	0	1	24		15.50	15.58	15.31		
20+5	1	99	1	0		20.90	21.00	20.64		
20+5	100	0	25	0	256-QAM	18.42	18.53	17.46	21.21	0.1321
20+5	1	0	1	24		15.27	15.30	14.68		
20+5	1	99	1	0		18.41	18.48	18.81		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 2.4 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	21.59	21.48	21.48	25.90	0.3890
5+20	1	0	1	99		15.30	15.42	15.13		
5+20	1	24	1	0		23.50	23.44	22.52		
5+20	25	0	100	0	16-QAM	20.56	20.51	20.51	25.40	0.3467
5+20	1	0	1	99		15.39	15.77	15.76		
5+20	1	24	1	0		22.50	23.00	22.83		
5+20	25	0	100	0	64-QAM	19.46	19.63	20.51	23.54	0.2259
5+20	1	0	1	99		15.58	15.75	15.37		
5+20	1	24	1	0		21.14	20.67	20.63		
5+20	25	0	100	0	256-QAM	18.55	18.54	18.42	20.99	0.1256
5+20	1	0	1	99		14.99	15.61	15.36		
5+20	1	24	1	0		18.59	17.70	18.28		
Limit	EIRP < 1W					Result			Pass	



FCC RADIO TEST REPORT

Report No. : FG4N0917B

LTE Band 66C_CA Maximum Average Power [dBm] (GT - LC = 2.4 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	21.42	21.37	21.25	25.87	0.3864
15+10	1	0	1	49		15.19	15.22	15.08		
15+10	1	74	1	0		23.43	23.47	23.40		
15+10	75	0	50	0	16-QAM	20.41	20.40	19.33	25.24	0.3342
15+10	1	0	1	49		15.27	14.67	15.65		
15+10	1	74	1	0		21.74	22.63	22.84		
15+10	75	0	50	0	64-QAM	20.52	20.35	20.35	23.03	0.2009
15+10	1	0	1	49		15.42	15.40	15.53		
15+10	1	74	1	0		20.46	20.63	20.41		
15+10	75	0	50	0	256-QAM	18.42	18.41	18.34	21.00	0.1259
15+10	1	0	1	49		15.43	15.35	15.34		
15+10	1	74	1	0		18.42	18.29	18.60		
10+15	50	0	75	0	QPSK	21.35	21.32	21.45	25.82	0.3819
10+15	1	0	1	74		15.19	15.15	15.13		
10+15	1	49	1	0		23.24	23.28	23.42		
10+15	50	0	75	0	16-QAM	20.31	20.44	20.46	25.16	0.3281
10+15	1	0	1	74		15.41	15.59	15.50		
10+15	1	49	1	0		21.85	22.53	22.76		
10+15	50	0	75	0	64-QAM	20.53	20.38	20.32	23.12	0.2051
10+15	1	0	1	74		15.60	15.46	15.24		
10+15	1	49	1	0		20.72	20.30	20.50		
10+15	50	0	75	0	256-QAM	18.38	18.32	18.33	20.90	0.1230
10+15	1	0	1	74		15.34	14.89	14.64		
10+15	1	49	1	0		17.47	18.50	18.37		
15+15	75	0	75	0	QPSK	21.39	21.50	21.50	25.99	0.3972
15+15	1	0	1	74		15.30	15.29	15.29		
15+15	1	74	1	0		16.55	23.59	16.42		
15+15	75	0	75	0	16-QAM	15.56	20.43	16.53	25.36	0.3436
15+15	1	0	1	74		15.39	15.91	15.85		
15+15	1	74	1	0		22.51	22.84	22.96		
15+15	75	0	75	0	64-QAM	20.44	20.50	20.63	23.18	0.2080
15+15	1	0	1	74		15.63	15.88	15.76		
15+15	1	74	1	0		20.67	20.55	20.78		
15+15	75	0	75	0	256-QAM	18.42	18.48	18.53	21.13	0.1297
15+15	1	0	1	74		15.56	15.50	15.21		
15+15	1	74	1	0		18.73	18.36	18.40		
Limit	EIRP < 1W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 2.6 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	21.43	20.78	26.20	0.4169
20+20	1	0	0	0		22.55	22.65	22.76		
20+20	1	0	1	99		15.22	15.19	15.20		
20+20	1	99	1	0		23.60	23.50	23.57		
20+20	100	0	100	0	16-QAM	20.55	20.52	20.50	25.45	0.3508
20+20	1	0	0	0		22.01	22.05	22.20		
20+20	1	0	1	99		15.58	15.50	15.43		
20+20	1	99	1	0		22.83	22.85	22.83		
20+20	100	0	100	0	64-QAM	20.59	20.54	20.54	23.44	0.2208
20+20	1	0	1	99		15.48	15.42	15.48		
20+20	1	99	1	0		20.79	20.83	20.84		
20+20	100	0	100	0	256-QAM	18.51	18.49	18.45	21.24	0.1330
20+20	1	0	1	99		15.26	15.29	15.33		
20+20	1	99	1	0		18.64	18.56	18.61		
20+15	100	0	75	0	QPSK	21.41	21.36	21.28	26.09	0.4064
20+15	1	0	0	0		22.55	22.65	22.65		
20+15	1	0	1	74		14.82	15.11	15.26		
20+15	1	99	1	0		23.08	23.48	23.49		
20+15	100	0	75	0	16-QAM	20.49	19.37	20.38	25.47	0.3524
20+15	1	0	0	0		22.05	22.07	22.21		
20+15	1	0	1	74		15.45	15.50	15.36		
20+15	1	99	1	0		22.11	22.87	22.77		
20+15	100	0	75	0	64-QAM	20.48	20.40	20.40	23.35	0.2163
20+15	1	0	1	74		15.34	15.49	15.39		
20+15	1	99	1	0		20.75	20.70	20.63		
20+15	100	0	75	0	256-QAM	18.47	17.39	18.38	21.07	0.1279
20+15	1	0	1	74		15.25	15.18	15.32		
20+15	1	99	1	0		18.44	18.44	18.44		
15+20	75	0	100	0	QPSK	21.42	21.41	21.41	26.14	0.4111
15+20	1	0	0	0		22.52	22.69	22.73		
15+20	1	0	1	99		15.17	15.12	15.10		
15+20	1	74	1	0		23.53	23.54	23.48		
15+20	75	0	100	0	16-QAM	20.48	20.42	20.44	25.57	0.3606
15+20	1	0	0	0		22.00	22.12	22.16		
15+20	1	0	1	99		15.48	15.41	15.46		
15+20	1	74	1	0		22.86	22.85	22.97		
15+20	75	0	100	0	64-QAM	20.44	20.45	20.45	23.41	0.2193
15+20	1	0	1	99		15.37	15.41	15.38		
15+20	1	74	1	0		20.69	20.81	20.74		
15+20	75	0	100	0	256-QAM	17.14	18.43	18.42	21.13	0.1297
15+20	1	0	1	99		15.28	15.29	15.24		
15+20	1	74	1	0		18.49	18.53	18.44		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 2.6 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	20.64	20.44	21.34	26.06	0.4036
20+10	1	0	0	0		22.60	22.72	22.64		
20+10	1	0	1	49		14.91	15.12	15.08		
20+10	1	99	1	0		23.43	23.46	23.46		
20+10	100	0	50	0	16-QAM	20.46	20.45	20.39	25.32	0.3404
20+10	1	0	0	0		22.10	22.22	22.03		
20+10	1	0	1	49		15.54	15.43	15.64		
20+10	1	99	1	0		22.28	22.72	22.69		
20+10	100	0	50	0	64-QAM	20.47	20.45	19.49	23.32	0.2148
20+10	1	0	1	49		15.13	15.39	15.56		
20+10	1	99	1	0		19.63	19.71	20.72		
20+10	100	0	50	0	256-QAM	18.44	18.44	18.38	21.12	0.1294
20+10	1	0	1	49		15.23	15.24	15.21		
20+10	1	99	1	0		18.52	18.50	18.45		
10+20	50	0	100	0	QPSK	20.25	21.23	21.38	26.07	0.4046
10+20	1	0	0	0		22.38	22.78	22.65		
10+20	1	0	1	99		15.12	15.02	15.10		
10+20	1	49	1	0		23.46	23.47	23.37		
10+20	50	0	100	0	16-QAM	20.46	20.43	20.43	25.37	0.3443
10+20	1	0	0	0		21.93	22.16	22.11		
10+20	1	0	1	99		15.02	15.53	15.47		
10+20	1	49	1	0		22.74	22.72	22.77		
10+20	50	0	100	0	64-QAM	20.44	20.41	20.43	23.26	0.2118
10+20	1	0	1	99		15.38	15.36	15.30		
10+20	1	49	1	0		20.66	20.65	19.72		
10+20	50	0	100	0	256-QAM	18.43	18.41	17.50	21.16	0.1306
10+20	1	0	1	99		15.16	15.13	15.18		
10+20	1	49	1	0		18.56	18.53	18.52		
15+15	75	0	75	0	QPSK	21.42	21.45	21.38	26.21	0.4178
15+15	1	0	0	0		22.57	22.68	22.64		
15+15	1	0	1	74		15.19	15.13	15.09		
15+15	1	74	1	0		23.61	23.56	23.50		
15+15	75	0	75	0	16-QAM	20.52	20.50	20.43	25.47	0.3524
15+15	1	0	0	0		22.01	22.20	22.15		
15+15	1	0	1	74		15.55	15.51	15.54		
15+15	1	74	1	0		22.83	22.87	22.87		
15+15	75	0	75	0	64-QAM	20.52	20.50	20.43	23.46	0.2218
15+15	1	0	1	74		15.50	15.39	15.42		
15+15	1	74	1	0		20.86	20.80	20.68		
15+15	75	0	75	0	256-QAM	18.48	18.46	18.37	21.24	0.1330
15+15	1	0	1	74		15.32	15.32	15.29		
15+15	1	74	1	0		18.64	18.49	18.46		
Limit	EIRP < 2W					Result			Pass	



LTE Band 7C_CA Maximum Average Power [dBm] (GT - LC = 2.6 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	21.42	21.48	20.89	26.10	0.4074
15+10	1	0	0	0		22.57	22.74	22.72		
15+10	1	0	1	49		15.17	15.17	15.18		
15+10	1	74	1	0		23.49	23.50	23.48		
15+10	75	0	50	0	16-QAM	20.49	20.45	20.45	25.45	0.3508
15+10	1	0	0	0		22.15	22.28	22.10		
15+10	1	0	1	49		15.55	15.57	15.45		
15+10	1	74	1	0		22.85	22.84	22.75		
15+10	75	0	50	0	64-QAM	19.30	20.45	19.54	23.28	0.2128
15+10	1	0	1	49		15.33	15.39	15.37		
15+10	1	74	1	0		19.70	20.68	19.83		
15+10	75	0	50	0	256-QAM	18.44	18.42	18.42	21.21	0.1321
15+10	1	0	1	49		15.24	15.24	15.30		
15+10	1	74	1	0		18.61	18.48	18.50		
Limit	EIRP < 2W					Result			Pass	



LTE Band 38C_CA Maximum Average Power [dBm] (GT - LC = 2.7 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	21.28	21.24	21.22	25.84	0.3837
20+20	1	0	0	0		22.11	22.01	21.96		
20+20	1	0	1	99		14.94	14.89	14.89		
20+20	1	99	1	0		22.24	23.14	23.14		
20+20	100	0	100	0	16-QAM	20.23	20.19	20.16	25.47	0.3524
20+20	1	0	0	0		21.51	21.52	21.46		
20+20	1	0	1	99		15.59	15.57	15.58		
20+20	1	99	1	0		22.77	22.69	22.69		
20+20	100	0	100	0	64-QAM	20.21	20.17	20.14	22.91	0.1954
20+20	1	0	1	99		15.08	15.06	15.04		
20+20	1	99	1	0		20.14	20.07	20.08		
20+20	100	0	100	0	256-QAM	18.20	18.18	18.15	20.90	0.1230
20+20	1	0	1	99		15.07	15.05	15.05		
20+20	1	99	1	0		18.15	18.11	18.13		
15+15	75	0	75	0	QPSK	21.23	21.13	21.21	25.91	0.3899
15+15	1	0	0	0		21.08	21.07	22.10		
15+15	1	0	1	74		14.95	14.92	14.87		
15+15	1	74	1	0		23.21	23.15	22.15		
15+15	75	0	75	0	16-QAM	20.13	20.11	20.12	25.45	0.3508
15+15	1	0	0	0		21.51	21.51	21.50		
15+15	1	0	1	74		15.59	15.59	15.55		
15+15	1	74	1	0		22.75	22.73	22.66		
15+15	75	0	75	0	64-QAM	20.16	20.11	20.13	22.89	0.1945
15+15	1	0	1	74		15.06	15.05	15.00		
15+15	1	74	1	0		20.19	20.15	20.06		
15+15	75	0	75	0	256-QAM	18.19	18.13	18.10	20.89	0.1227
15+15	1	0	1	74		15.07	15.05	15.00		
15+15	1	74	1	0		18.18	18.15	18.07		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.1 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	21.23	21.12	20.68	25.38	0.3451
20+20	1	0	0	0		22.12	22.15	21.10		
20+20	1	0	1	99		14.96	14.84	14.42		
20+20	1	99	1	0		22.28	22.17	21.73		
20+20	100	0	100	0	16-QAM	20.24	20.13	19.71	25.98	0.3963
20+20	1	0	0	0		21.67	21.71	21.68		
20+20	1	0	1	99		15.64	15.54	15.15		
20+20	1	99	1	0		22.88	22.75	22.29		
20+20	100	0	100	0	64-QAM	20.23	20.10	19.69	23.37	0.2173
20+20	1	0	1	99		15.11	15.02	14.60		
20+20	1	99	1	0		20.27	20.08	19.68		
20+20	100	0	100	0	256-QAM	18.21	18.10	17.66	21.35	0.1365
20+20	1	0	1	99		15.12	15.00	14.61		
20+20	1	99	1	0		18.25	18.10	17.67		
20+15	100	0	75	0	QPSK	21.22	21.10	20.63	26.31	0.4276
20+15	1	0	0	0		22.11	21.16	21.14		
20+15	1	0	1	74		14.96	14.83	14.39		
20+15	1	99	1	0		23.21	22.15	21.67		
20+15	100	0	75	0	16-QAM	20.25	20.11	19.65	25.98	0.3963
20+15	1	0	0	0		21.66	21.72	21.72		
20+15	1	0	1	74		15.64	15.52	15.10		
20+15	1	99	1	0		22.88	22.76	22.28		
20+15	100	0	75	0	64-QAM	20.22	20.11	19.57	23.36	0.2168
20+15	1	0	1	74		15.14	15.03	14.54		
20+15	1	99	1	0		20.26	20.08	19.63		
20+15	100	0	75	0	256-QAM	18.23	18.11	17.63	21.37	0.1371
20+15	1	0	1	74		15.13	15.02	14.56		
20+15	1	99	1	0		18.27	18.06	17.62		
15+20	75	0	100	0	QPSK	21.30	21.14	20.68	26.37	0.4335
15+20	1	0	0	0		22.10	22.13	22.04		
15+20	1	0	1	99		15.02	14.85	14.41		
15+20	1	74	1	0		23.27	22.16	22.63		
15+20	75	0	100	0	16-QAM	20.32	20.14	19.69	26.05	0.4027
15+20	1	0	0	0		21.67	21.68	21.64		
15+20	1	0	1	99		15.68	15.53	15.14		
15+20	1	74	1	0		22.95	22.76	22.26		
15+20	75	0	100	0	64-QAM	20.32	20.10	19.55	23.48	0.2228
15+20	1	0	1	99		15.17	14.99	14.57		
15+20	1	74	1	0		20.38	20.14	19.71		
15+20	75	0	100	0	256-QAM	18.29	18.11	17.66	21.44	0.1393
15+20	1	0	1	99		15.16	15.00	14.58		
15+20	1	74	1	0		18.34	18.13	17.69		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.1 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	21.26	21.11	20.65	26.36	0.4325
20+10	1	0	0	0		22.11	22.14	22.12		
20+10	1	0	1	49		15.00	14.88	14.43		
20+10	1	99	1	0		23.26	22.14	21.70		
20+10	100	0	50	0	16-QAM	20.28	20.15	19.67	26.00	0.3981
20+10	1	0	0	0		21.66	21.70	21.70		
20+10	1	0	1	49		15.67	15.55	15.12		
20+10	1	99	1	0		22.90	22.73	22.29		
20+10	100	0	50	0	64-QAM	20.27	20.11	19.64	23.42	0.2198
20+10	1	0	1	49		15.16	15.04	14.60		
20+10	1	99	1	0		20.32	20.11	19.66		
20+10	100	0	50	0	256-QAM	18.28	18.13	17.61	21.40	0.1380
20+10	1	0	1	49		15.02	15.04	14.59		
20+10	1	99	1	0		18.30	18.07	17.66		
10+20	50	0	100	0	QPSK	21.23	21.14	20.68	25.75	0.3758
10+20	1	0	0	0		22.02	22.13	21.04		
10+20	1	0	1	99		14.94	14.84	14.39		
10+20	1	49	1	0		22.30	22.20	22.65		
10+20	50	0	100	0	16-QAM	20.24	20.15	19.68	25.94	0.3926
10+20	1	0	0	0		21.57	21.68	21.62		
10+20	1	0	1	99		15.60	15.52	15.10		
10+20	1	49	1	0		22.84	22.77	22.29		
10+20	50	0	100	0	64-QAM	20.24	20.16	19.70	23.35	0.2163
10+20	1	0	1	99		15.12	15.03	14.58		
10+20	1	49	1	0		20.25	20.14	19.65		
10+20	50	0	100	0	256-QAM	18.31	18.22	17.75	21.41	0.1384
10+20	1	0	1	99		15.08	15.01	14.55		
10+20	1	49	1	0		18.24	18.14	17.67		
20+5	100	0	25	0	QPSK	21.28	21.16	20.60	26.20	0.4169
20+5	1	0	0	0		22.09	22.12	22.10		
20+5	1	0	1	24		15.05	14.94	14.43		
20+5	1	99	1	0		22.36	23.10	21.66		
20+5	100	0	25	0	16-QAM	20.30	20.19	19.67	26.04	0.4018
20+5	1	0	0	0		21.65	21.67	21.67		
20+5	1	0	1	24		15.70	15.59	15.14		
20+5	1	99	1	0		22.94	22.75	22.26		
20+5	100	0	25	0	64-QAM	20.27	20.15	19.64	23.42	0.2198
20+5	1	0	1	24		15.21	15.10	14.61		
20+5	1	99	1	0		20.32	20.13	19.58		
20+5	100	0	25	0	256-QAM	18.30	18.17	17.66	21.41	0.1384
20+5	1	0	1	24		15.18	15.08	14.59		
20+5	1	99	1	0		18.31	18.12	17.64		
Limit	EIRP < 2W					Result			Pass	



LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.1 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	21.28	21.17	20.71	26.28	0.4246
5+20	1	0	0	0		22.02	21.08	20.99		
5+20	1	0	1	99		15.00	14.89	14.44		
5+20	1	24	1	0		23.18	23.10	22.61		
5+20	25	0	100	0	16-QAM	20.26	20.22	19.71	25.94	0.3926
5+20	1	0	0	0		21.56	21.68	21.57		
5+20	1	0	1	99		15.66	15.45	15.12		
5+20	1	24	1	0		22.84	22.65	22.25		
5+20	25	0	100	0	64-QAM	20.29	20.17	19.69	23.40	0.2188
5+20	1	0	1	99		15.10	15.00	14.56		
5+20	1	24	1	0		20.30	20.17	19.72		
5+20	25	0	100	0	256-QAM	18.32	18.20	17.76	21.42	0.1387
5+20	1	0	1	99		15.14	15.02	14.57		
5+20	1	24	1	0		18.26	18.13	17.68		
15+10	75	0	50	0	QPSK	21.34	21.15	20.73	26.41	0.4375
15+10	1	0	0	0		22.09	22.14	21.02		
15+10	1	0	1	49		15.08	14.88	14.52		
15+10	1	74	1	0		23.31	22.17	21.76		
15+10	75	0	50	0	16-QAM	20.34	20.14	19.76	26.05	0.4027
15+10	1	0	0	0		21.64	21.69	21.60		
15+10	1	0	1	49		15.71	15.57	15.19		
15+10	1	74	1	0		22.95	22.74	22.34		
15+10	75	0	50	0	64-QAM	20.35	20.16	19.74	23.49	0.2234
15+10	1	0	1	49		15.20	15.02	14.64		
15+10	1	74	1	0		20.39	20.15	19.79		
15+10	75	0	50	0	256-QAM	18.34	18.14	17.76	21.47	0.1403
15+10	1	0	1	49		15.21	15.06	14.66		
15+10	1	74	1	0		18.37	18.12	17.74		
10+15	50	0	75	0	QPSK	21.31	21.15	20.70	25.78	0.3784
10+15	1	0	0	0		21.09	22.12	22.03		
10+15	1	0	1	74		15.00	14.84	14.40		
10+15	1	49	1	0		22.37	22.21	22.68		
10+15	50	0	75	0	16-QAM	20.32	20.13	19.69	26.04	0.4018
10+15	1	0	0	0		21.66	21.69	21.60		
10+15	1	0	1	74		15.67	15.51	15.12		
10+15	1	49	1	0		22.94	22.80	22.32		
10+15	50	0	75	0	64-QAM	20.33	20.16	19.72	23.43	0.2203
10+15	1	0	1	74		15.16	15.04	14.60		
10+15	1	49	1	0		20.32	20.13	19.70		
10+15	50	0	75	0	256-QAM	18.36	18.21	17.77	21.46	0.1400
10+15	1	0	1	74		15.15	15.01	14.55		
10+15	1	49	1	0		18.32	18.15	17.72		
Limit	EIRP < 2W					Result			Pass	



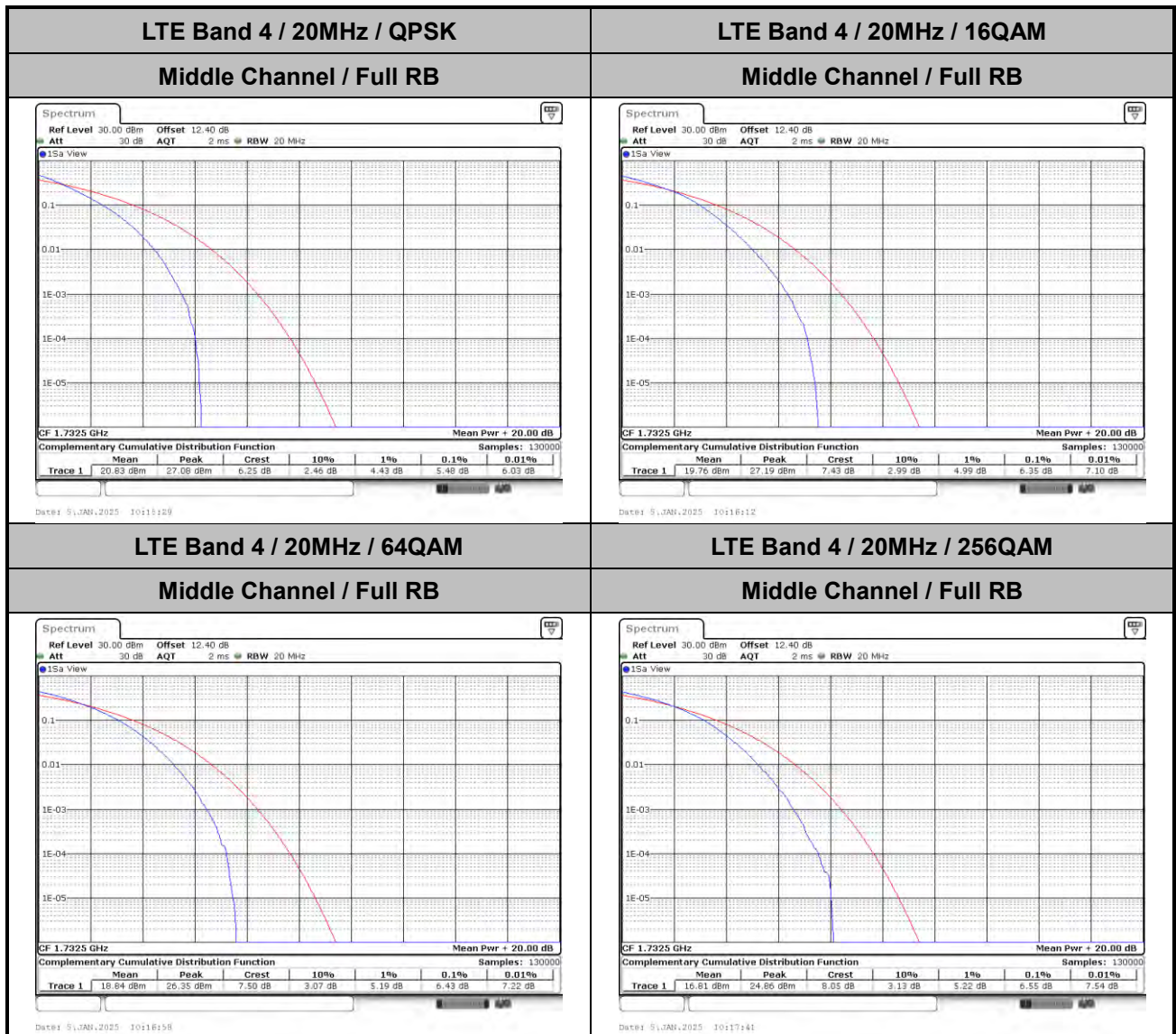
LTE Band 41C_CA Maximum Average Power [dBm] (GT - LC = 3.1 dB)										
15+15	75	0	75	0	QPSK	21.30	21.12	20.69	26.38	0.4345
15+15	1	0	0	0		22.11	22.15	22.04		
15+15	1	0	1	74		15.05	14.88	14.45		
15+15	1	74	1	0		23.28	23.06	22.63		
15+15	75	0	75	0	16-QAM	20.29	20.14	19.68	26.04	0.4018
15+15	1	0	0	0		21.67	21.70	21.65		
15+15	1	0	1	74		15.72	15.53	15.14		
15+15	1	74	1	0		22.94	22.74	22.29		
15+15	75	0	75	0	64-QAM	20.30	20.13	19.71	23.48	0.2228
15+15	1	0	1	74		15.19	15.01	14.59		
15+15	1	74	1	0		20.38	20.13	19.71		
15+15	75	0	75	0	256-QAM	18.30	18.13	17.68	21.45	0.1396
15+15	1	0	1	74		15.20	15.00	14.59		
15+15	1	74	1	0		18.35	18.13	17.71		
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	5.48	6.35	6.43	6.55	PASS



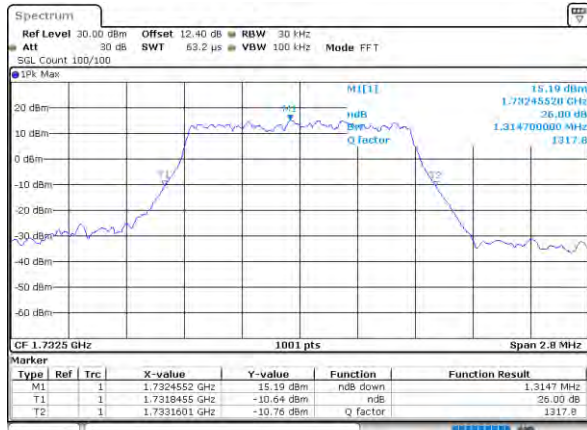
**26dB Bandwidth**

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	1.31	1.30	3.10	3.11	5.20	5.23	9.71	9.75	14.83	14.98	18.98	18.70
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	1.28	3.08	2.99	5.19	4.98	9.71	9.73	14.74	14.53	19.06	19.50

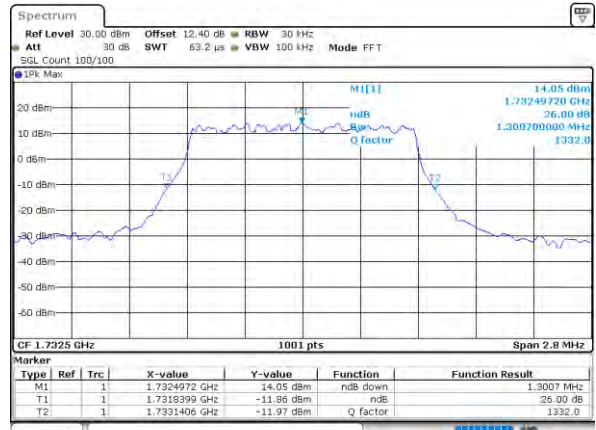


LTE Band 4

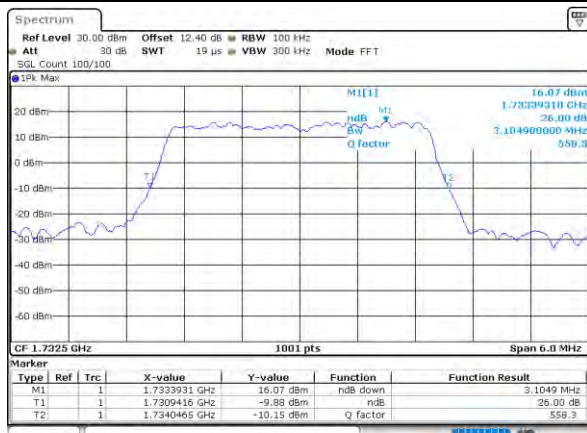
Middle Channel / 1.4MHz / QPSK



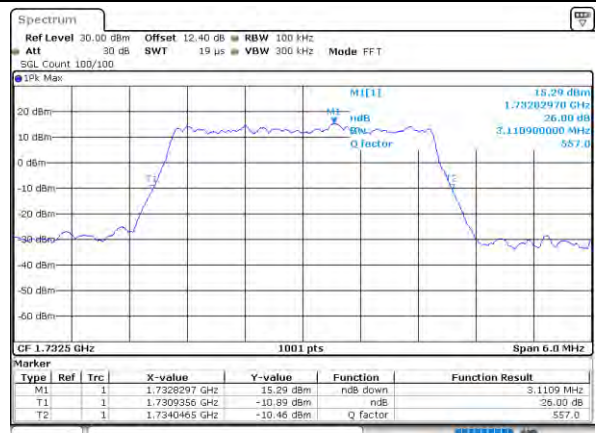
Middle Channel / 1.4MHz / 16QAM



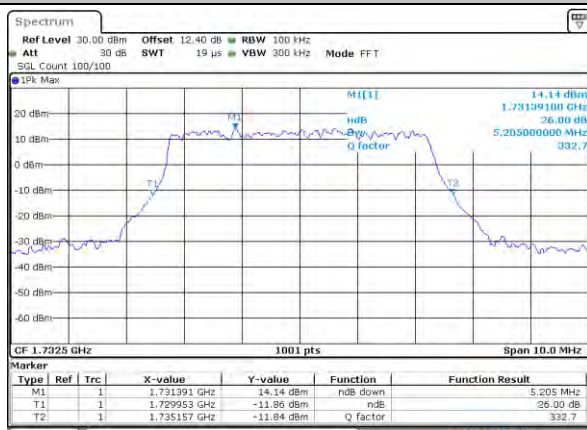
Middle Channel / 3MHz / QPSK



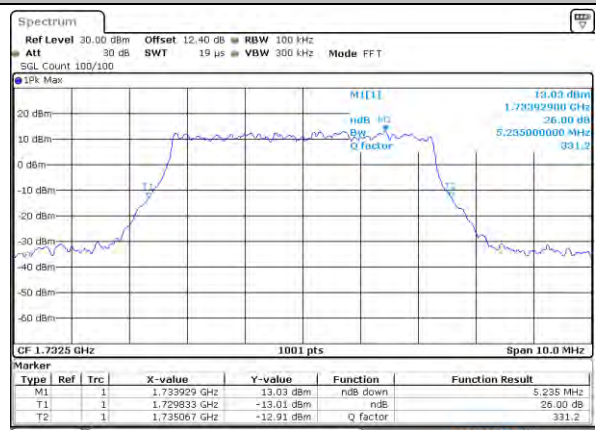
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



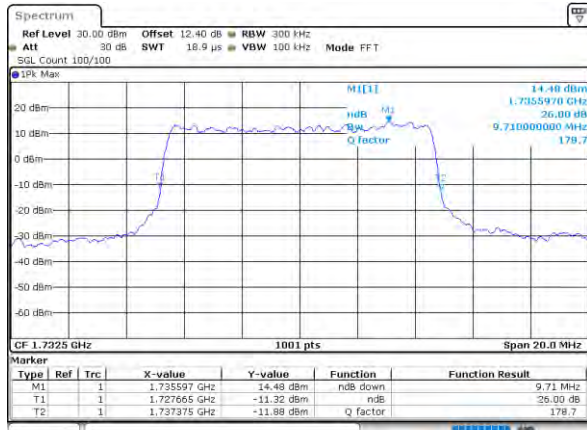
Middle Channel / 5MHz / 16QAM



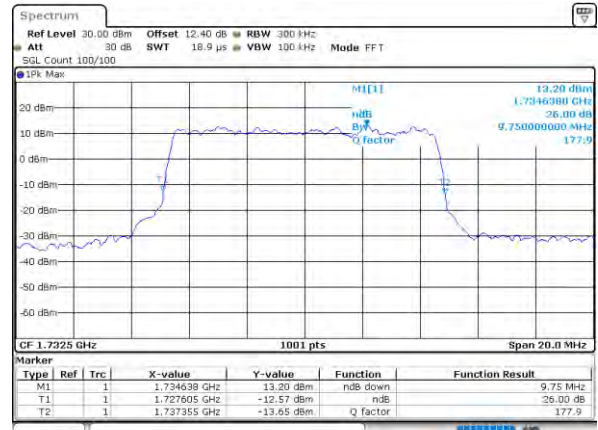


LTE Band 4

Middle Channel / 10MHz / QPSK



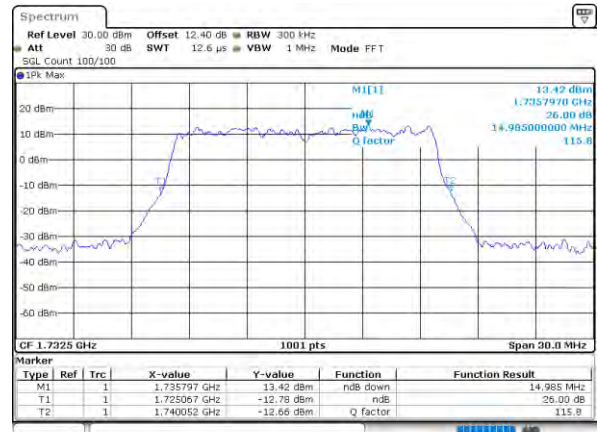
Middle Channel / 10MHz / 16QAM



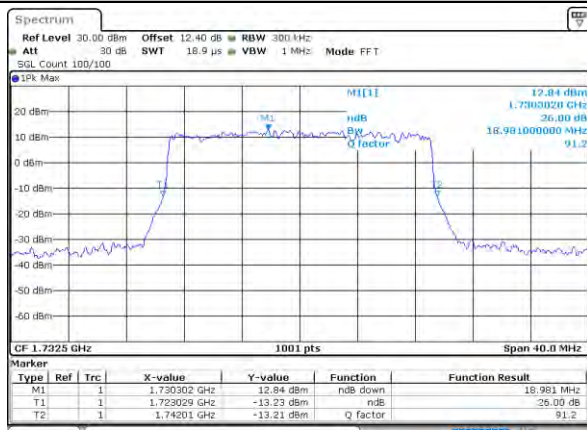
Middle Channel / 15MHz / QPSK



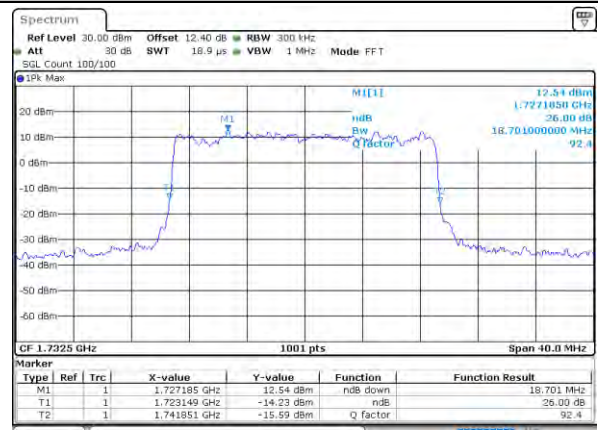
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



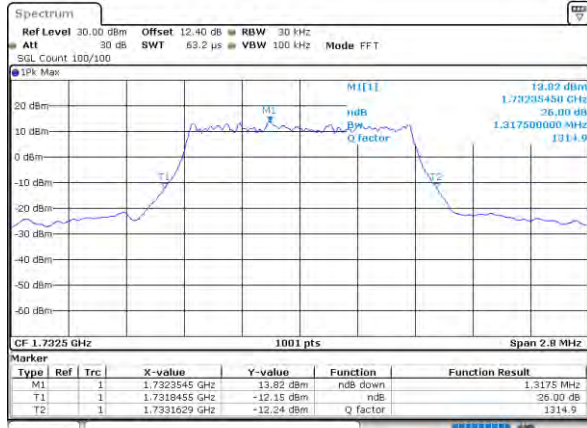
Middle Channel / 20MHz / 16QAM



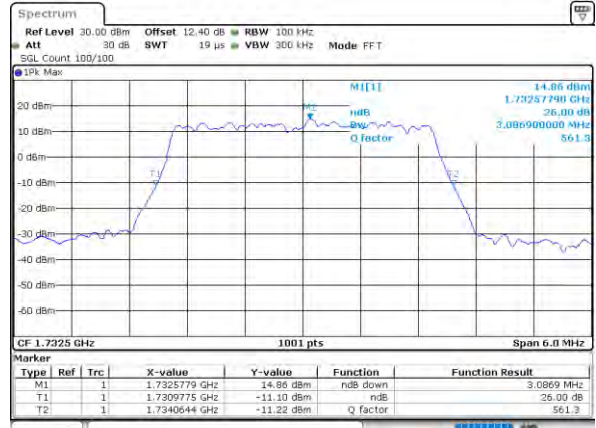


LTE Band 4

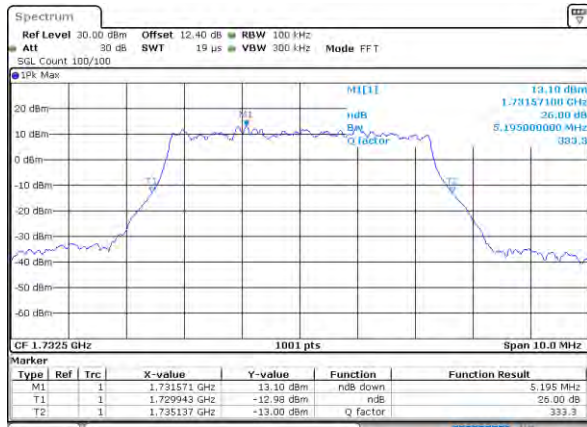
Middle Channel / 1.4MHz / 64QAM



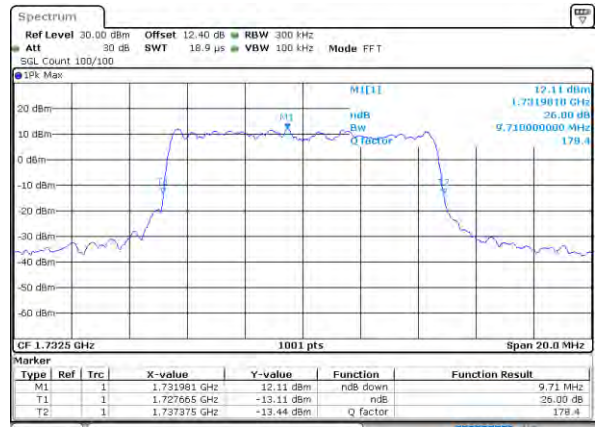
Middle Channel / 3MHz / 64QAM



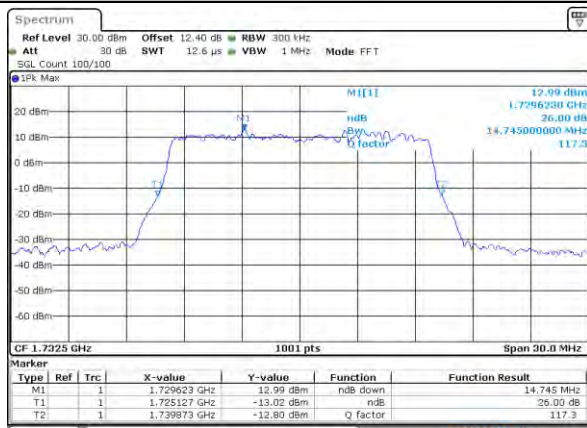
Middle Channel / 5MHz / 64QAM



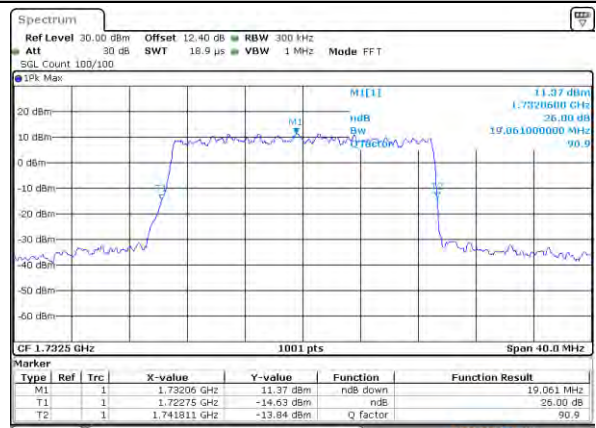
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



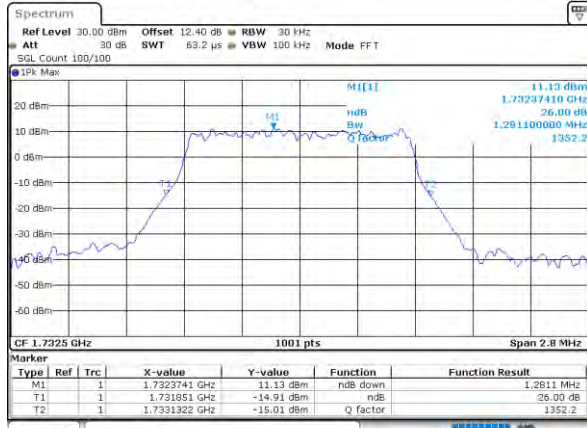
Middle Channel / 20MHz / 64QAM



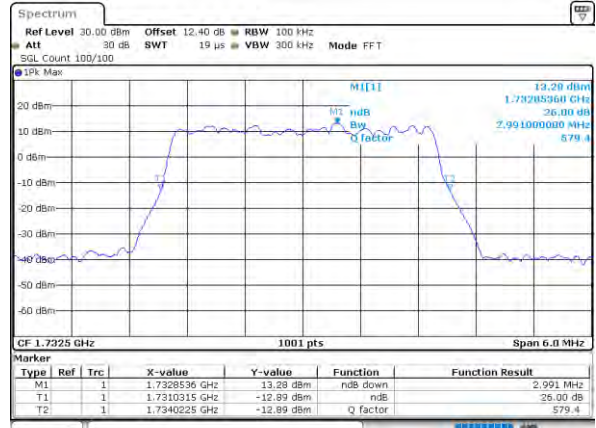


LTE Band 4

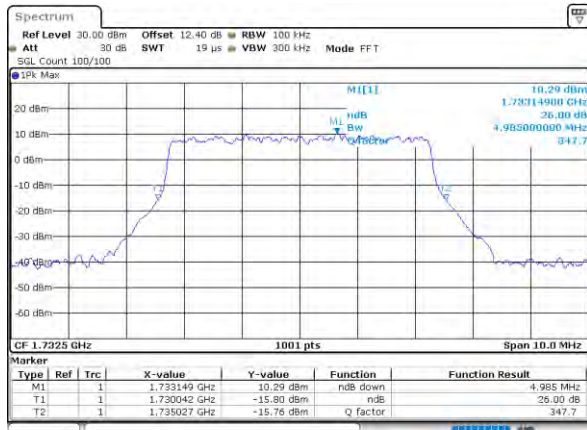
Middle Channel / 1.4MHz / 256QAM



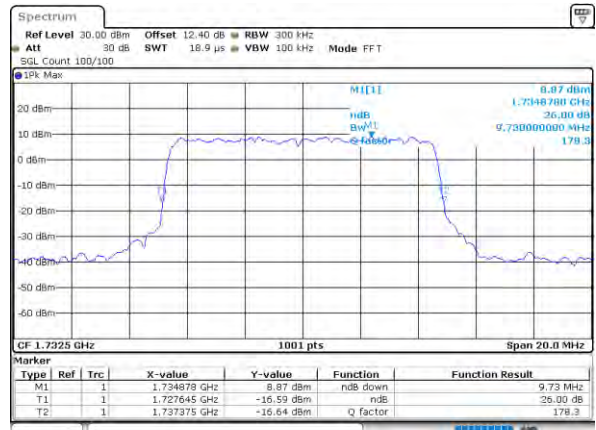
Middle Channel / 3MHz / 256QAM



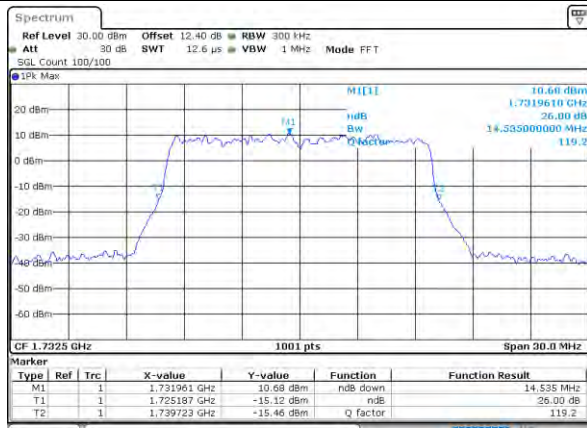
Middle Channel / 5MHz / 256QAM



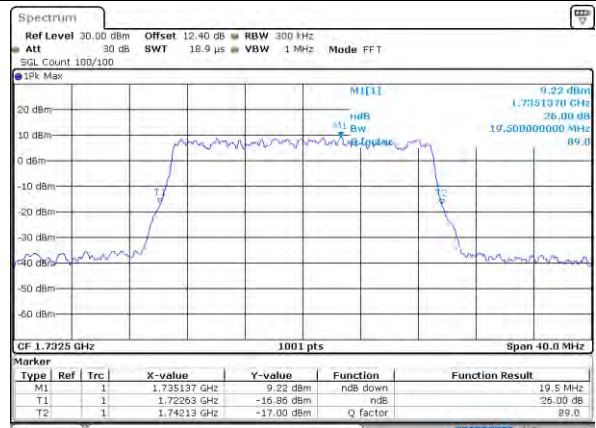
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM



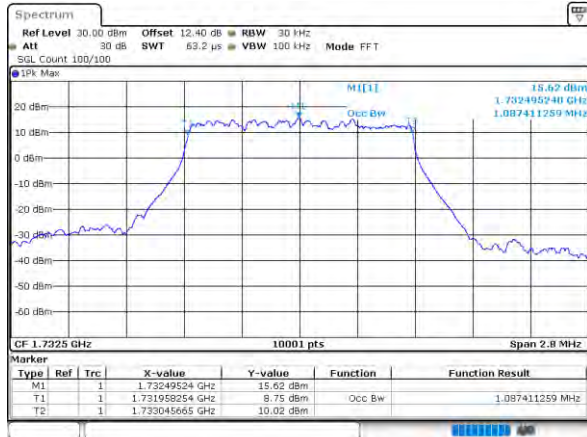
**Occupied Bandwidth**

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.08	1.09	2.72	2.72	4.48	4.47	9.07	9.03	13.45	13.50	17.94	17.89
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	1.08	1.08	2.72	2.73	4.50	4.53	9.08	9.04	13.41	13.44	17.76	17.88

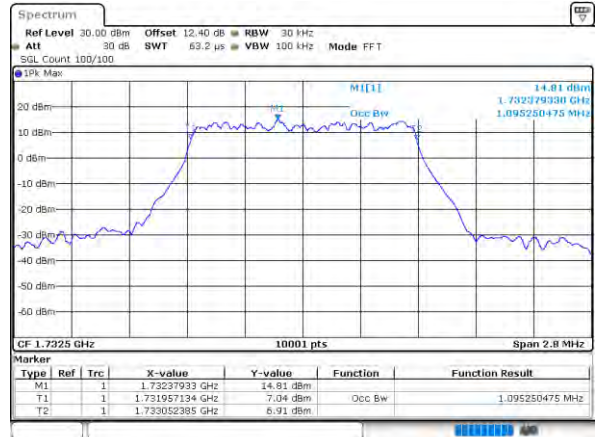


LTE Band 4

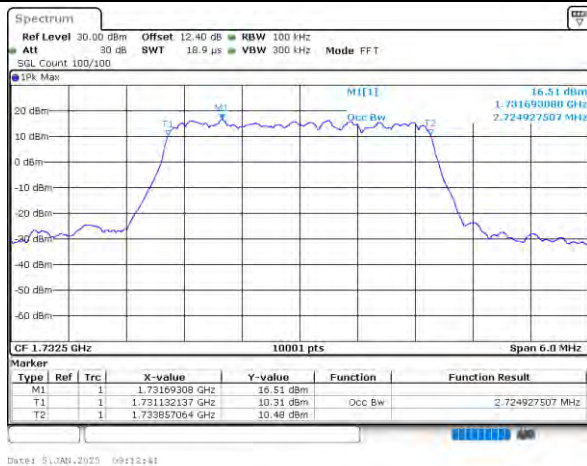
Middle Channel / 1.4MHz / QPSK



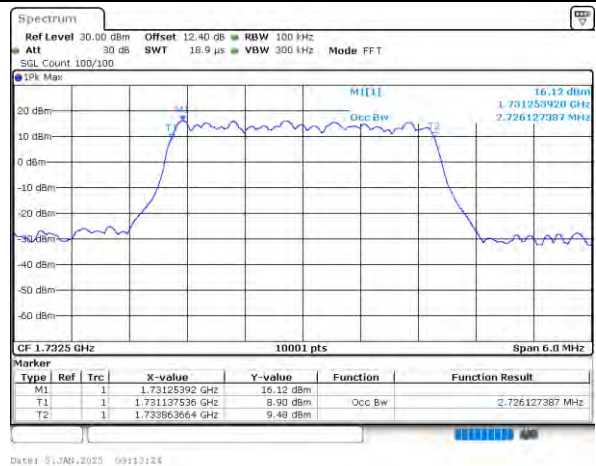
Middle Channel / 1.4MHz / 16QAM



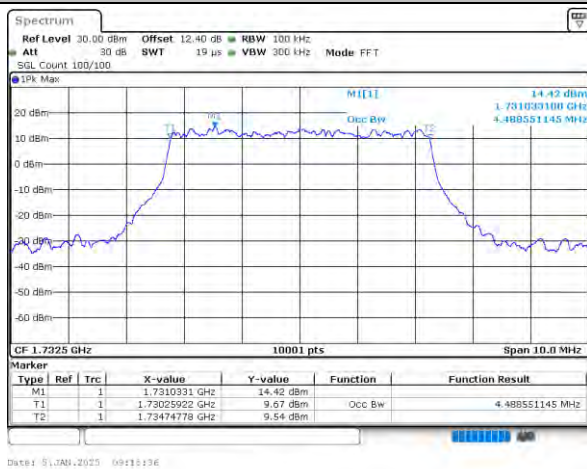
Middle Channel / 3MHz / QPSK



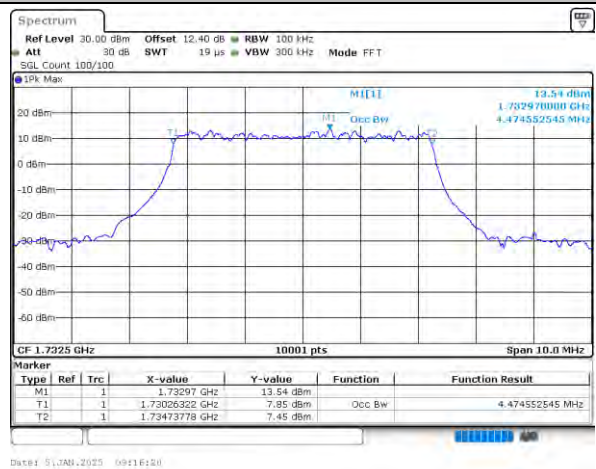
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



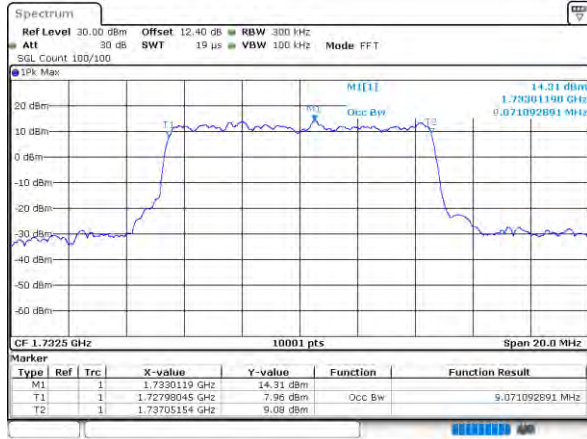
Middle Channel / 5MHz / 16QAM



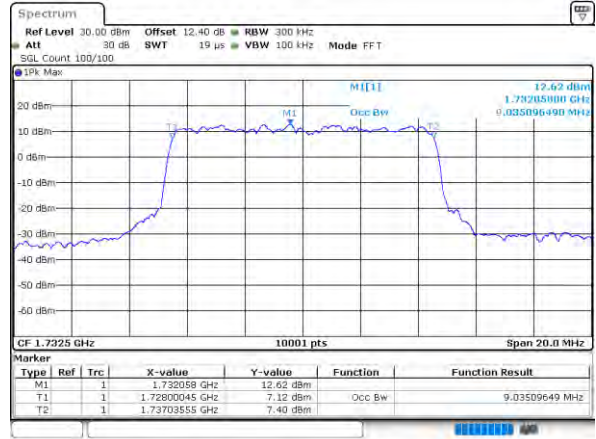


LTE Band 4

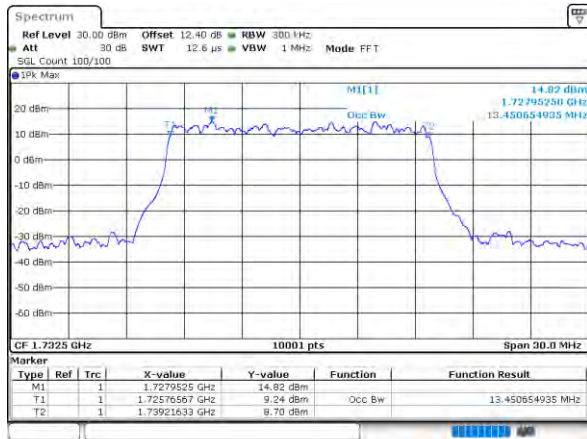
Middle Channel / 10MHz / QPSK



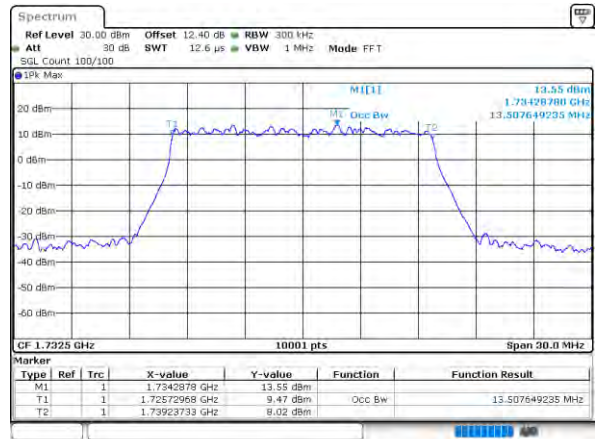
Middle Channel / 10MHz / 16QAM



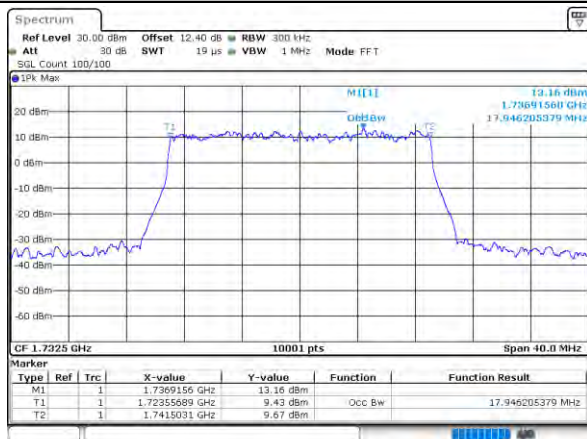
Middle Channel / 15MHz / QPSK



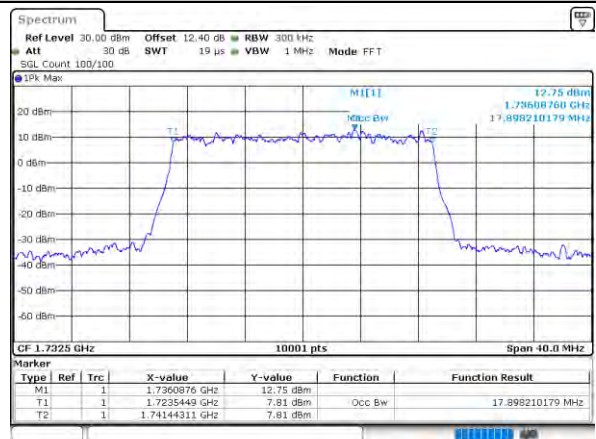
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



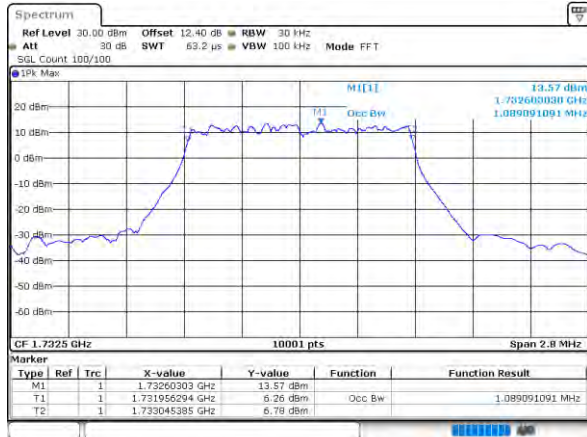
Middle Channel / 20MHz / 16QAM





LTE Band 4

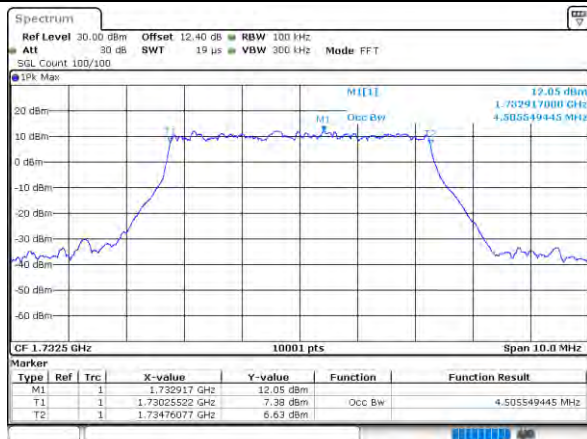
Middle Channel / 1.4MHz / 64QAM



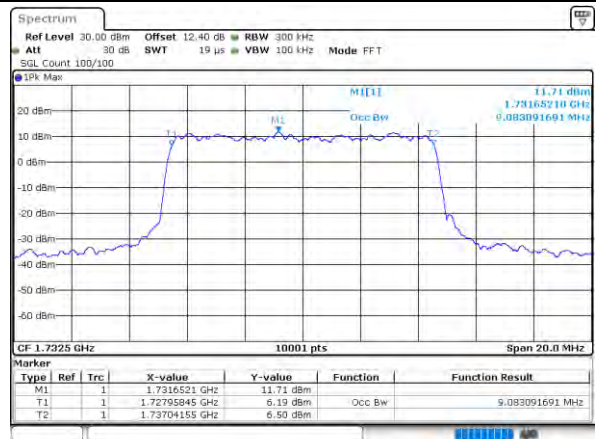
Middle Channel / 3MHz / 64QAM



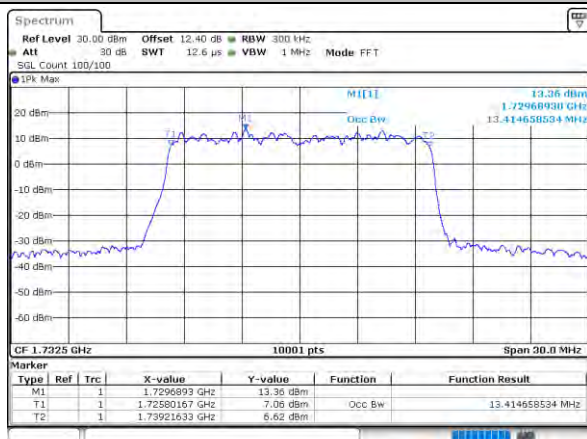
Middle Channel / 5MHz / 64QAM



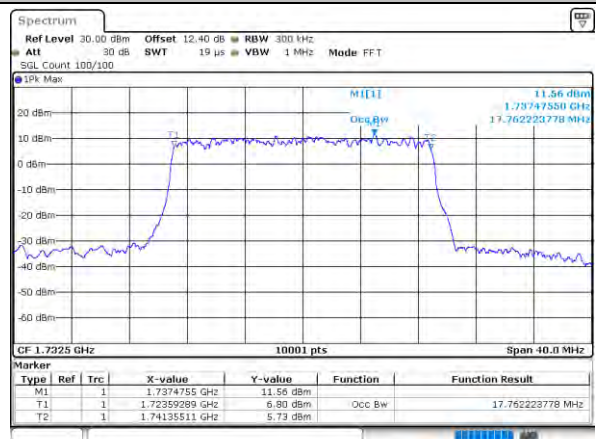
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



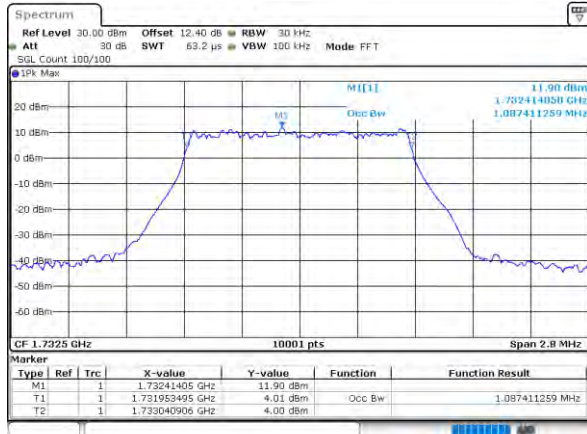
Middle Channel / 20MHz / 64QAM



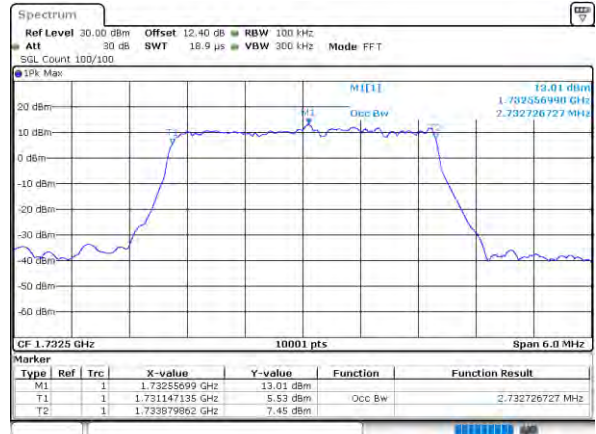


LTE Band 4

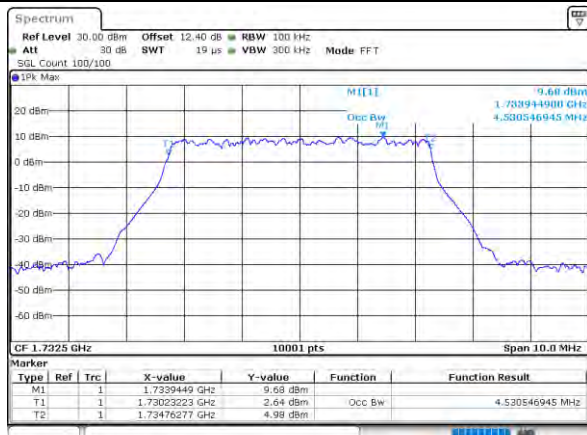
Middle Channel / 1.4MHz / 256QAM



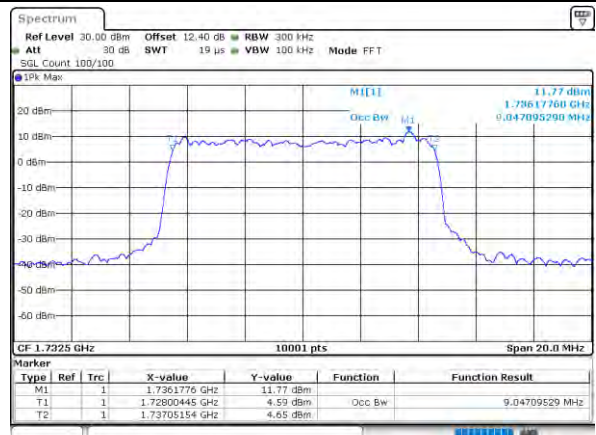
Middle Channel / 3MHz / 256QAM



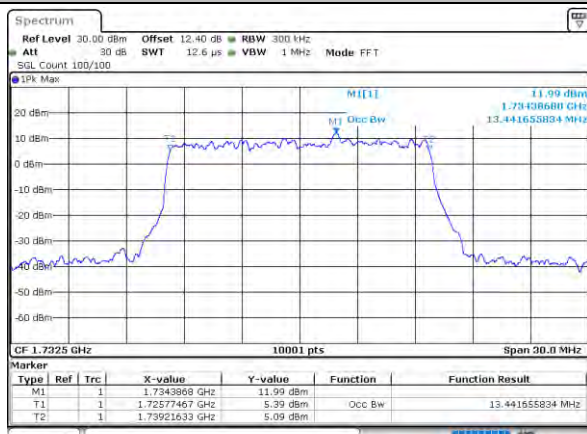
Middle Channel / 5MHz / 256QAM



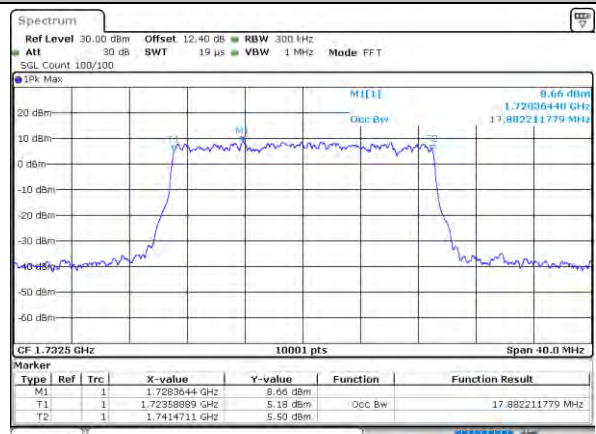
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM





Conducted Band Edge

LTE Band 4 / 1.4MHz / QPSK

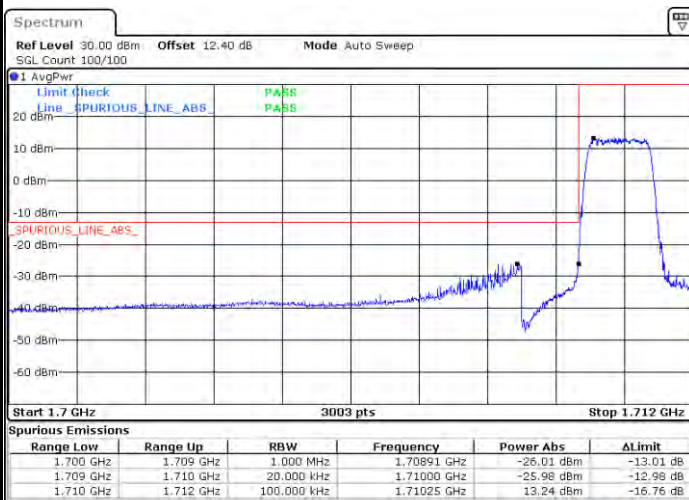
Lowest Band Edge / 1RB



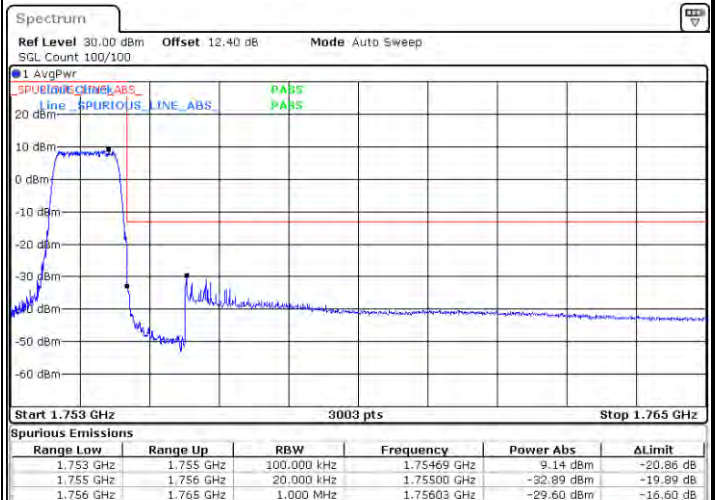
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



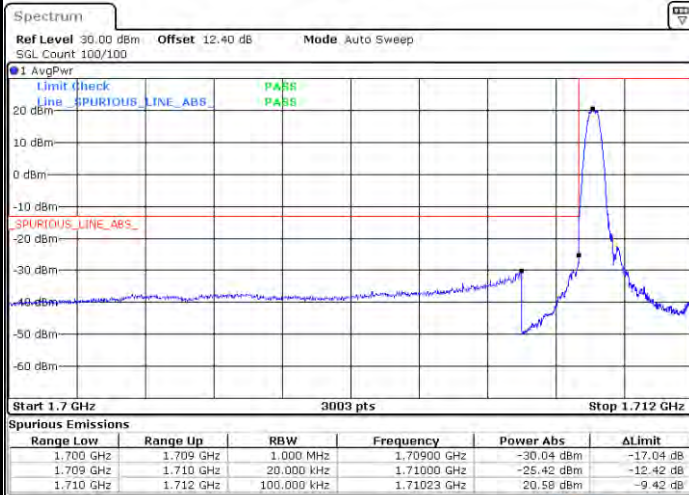
Highest Band Edge / Full RB



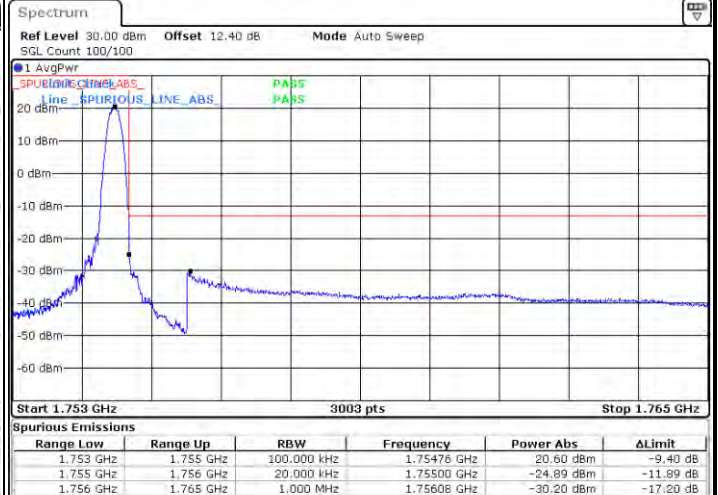


LTE Band 4 / 1.4MHz / 16QAM

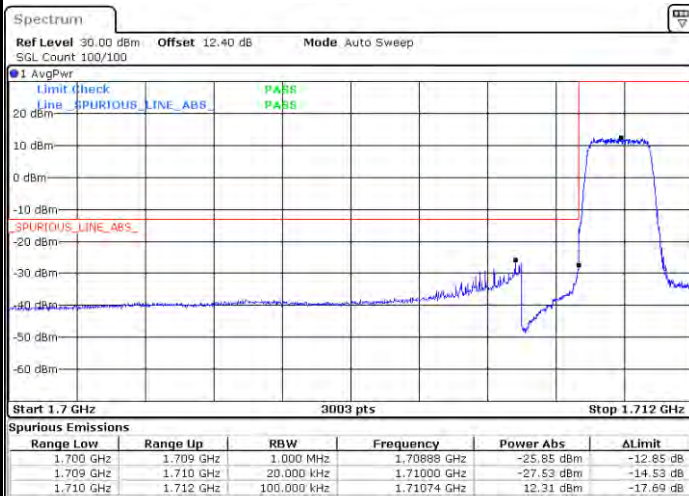
Lowest Band Edge / 1 RB



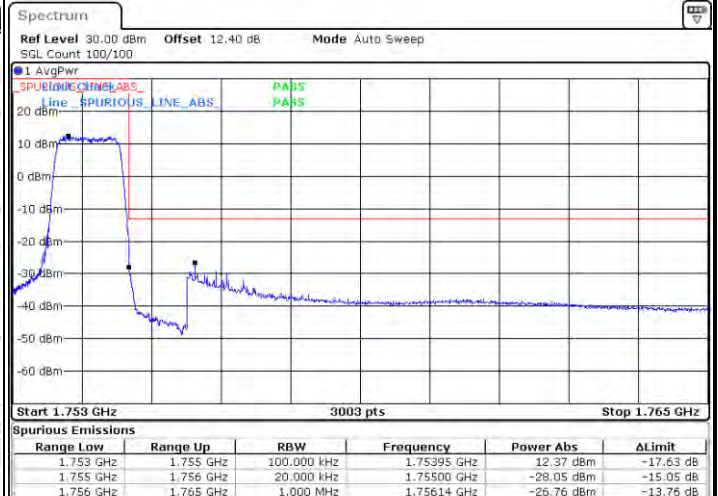
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



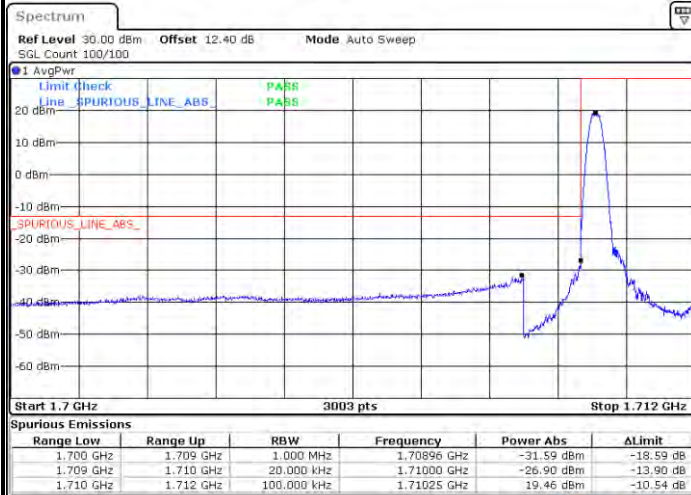
Highest Band Edge / Full RB



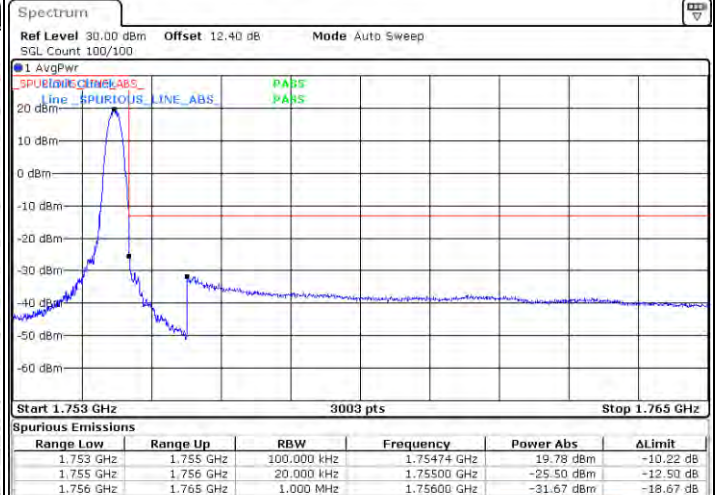


LTE Band 4 / 1.4MHz / 64QAM

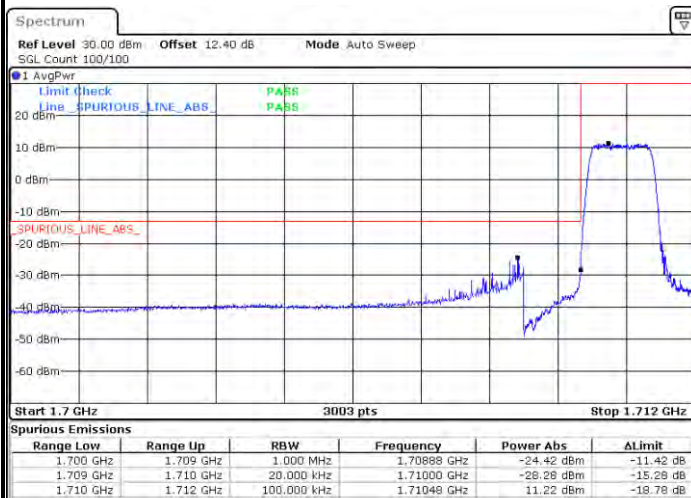
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



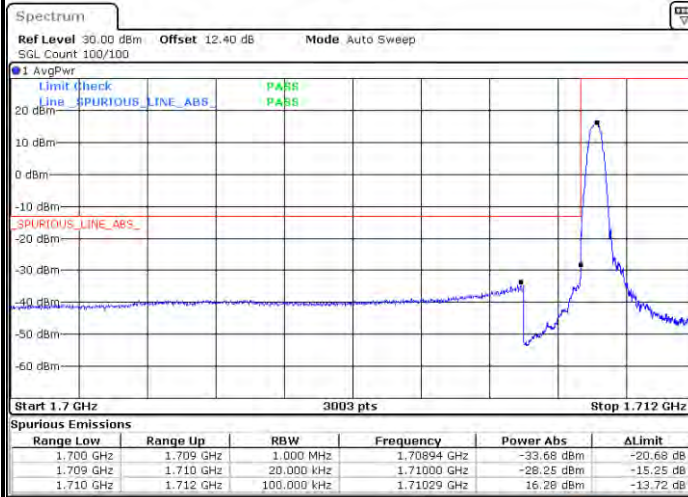
Highest Band Edge / Full RB



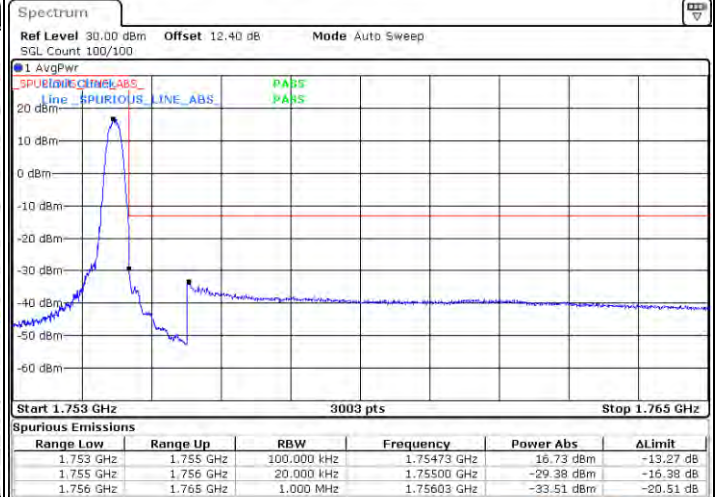


LTE Band 4 / 1.4MHz / 256QAM

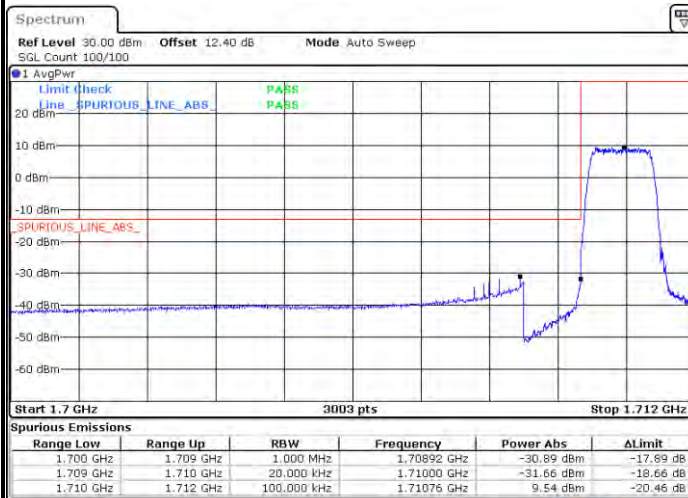
Lowest Band Edge / 1 RB



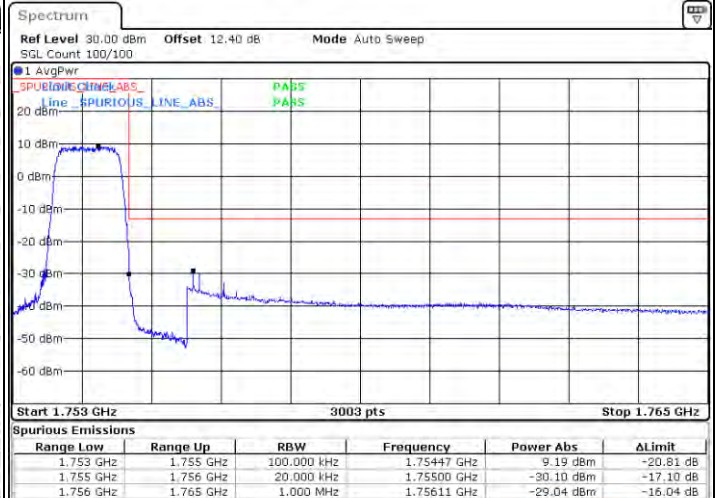
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



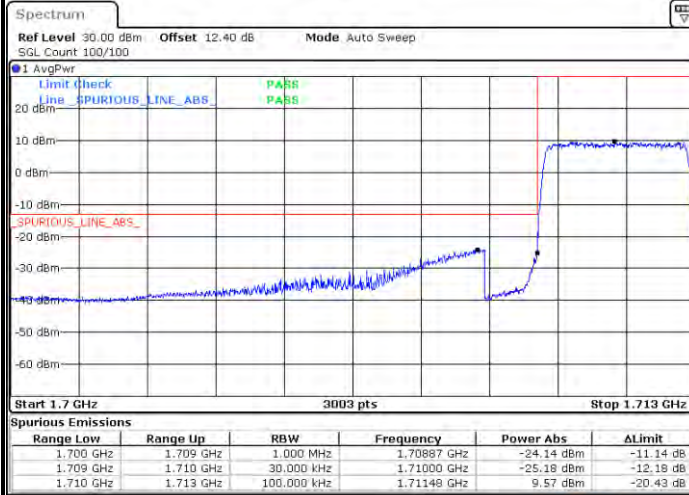
Highest Band Edge / Full RB



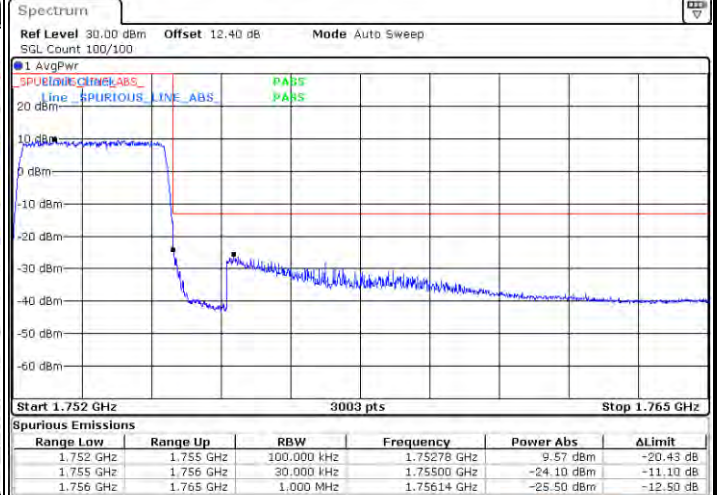


LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / Full RB

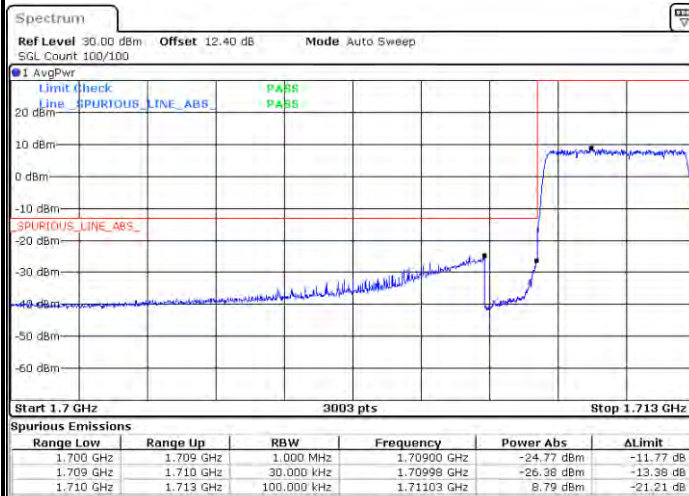


Highest Band Edge / Full RB

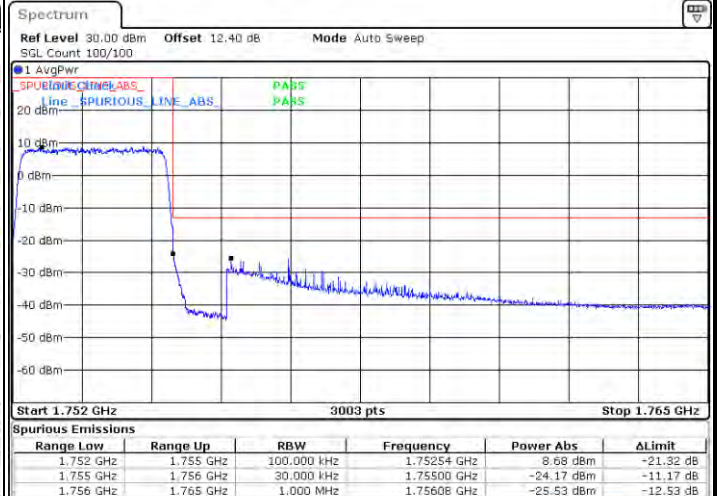


LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / Full RB



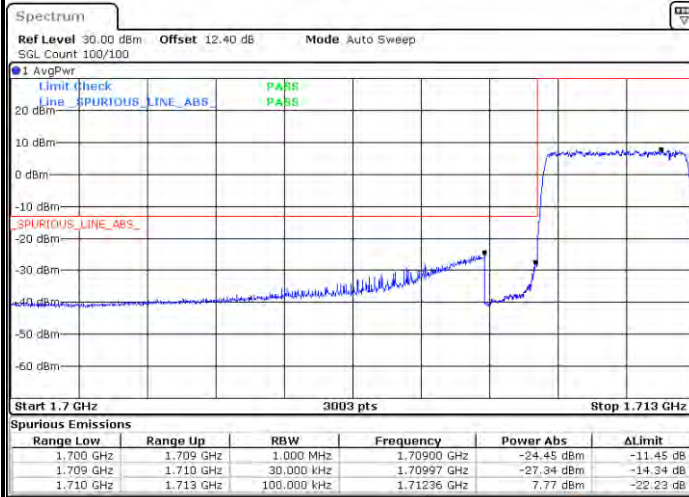
Highest Band Edge / Full RB





LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / Full RB

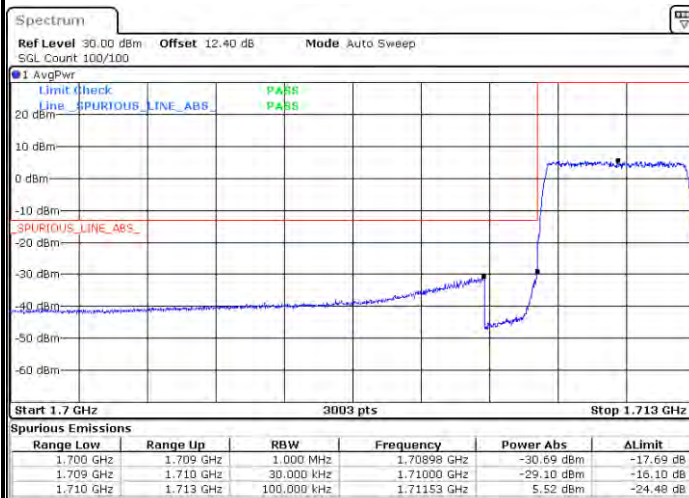


Highest Band Edge / Full RB

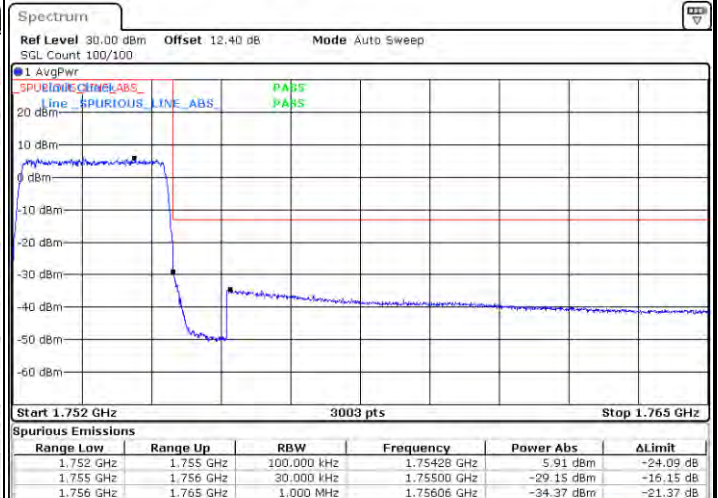


LTE Band 4 / 3MHz / 256QAM

Lowest Band Edge / Full RB



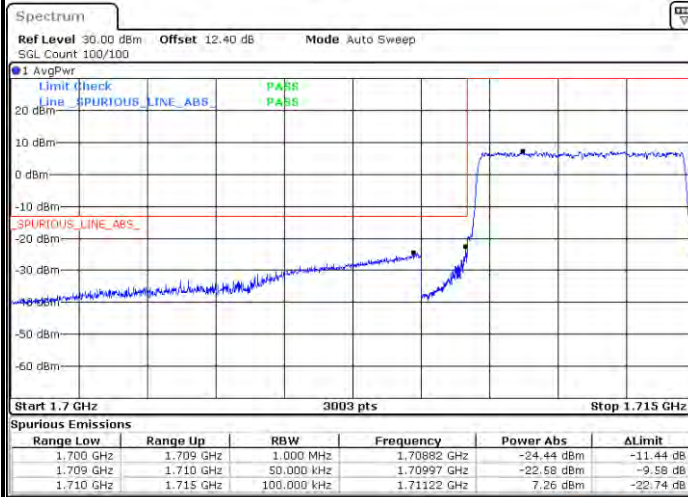
Highest Band Edge / Full RB





LTE Band 4 / 5MHz / QPSK

Lowest Band Edge / Full RB

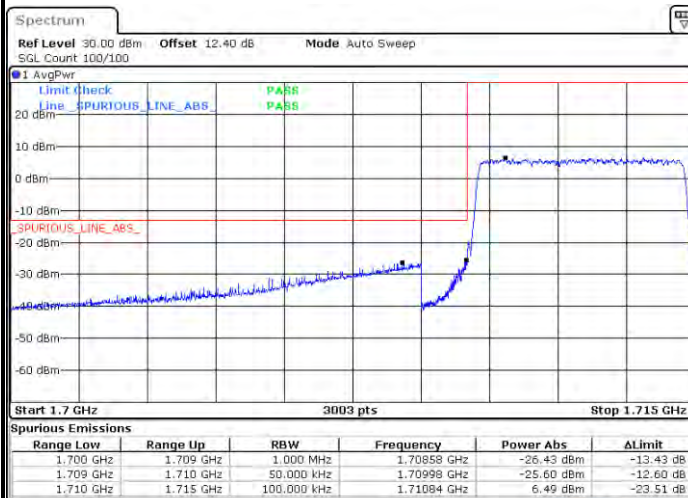


Highest Band Edge / Full RB

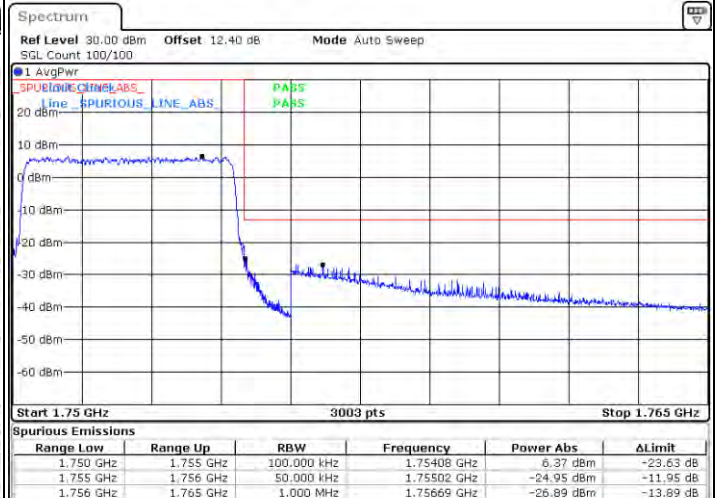


LTE Band 4 / 5MHz / 16QAM

Lowest Band Edge / Full RB



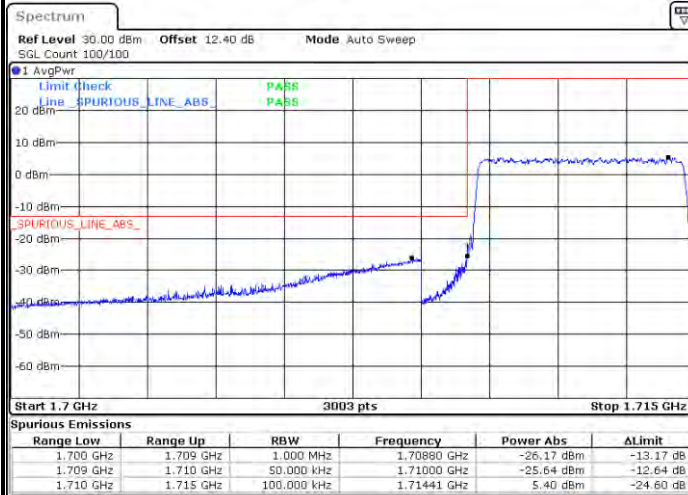
Highest Band Edge / Full RB



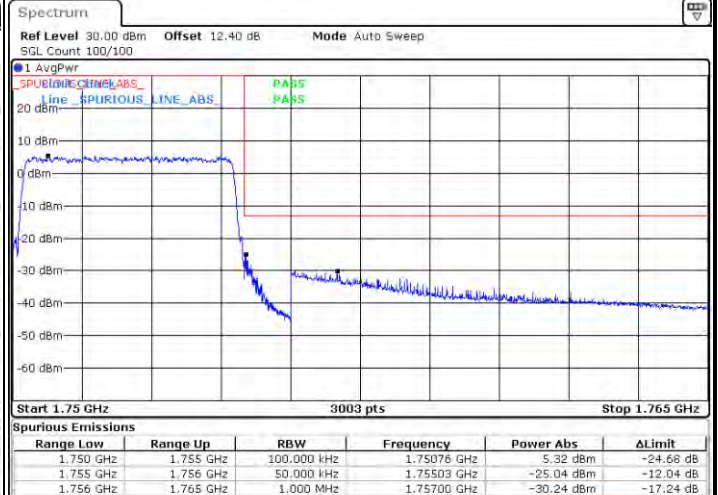


LTE Band 4 / 5MHz / 64QAM

Lowest Band Edge / Full RB

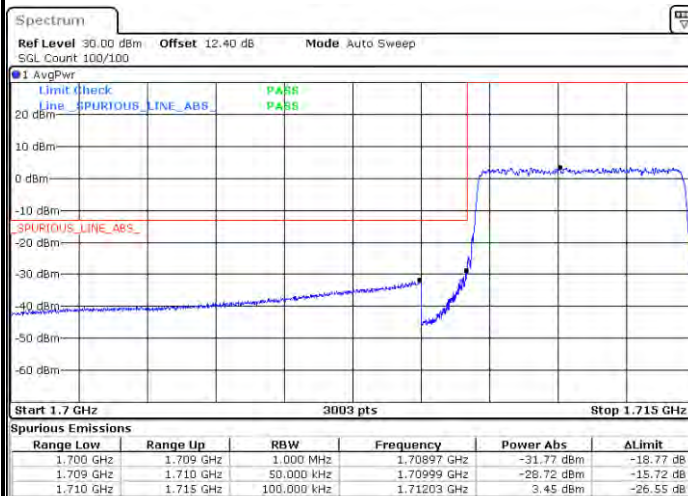


Highest Band Edge / Full RB

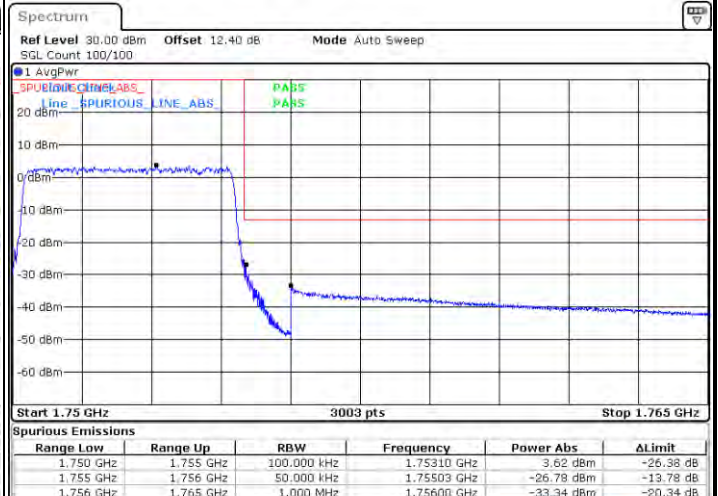


LTE Band 4 / 5MHz / 256QAM

Lowest Band Edge / Full RB



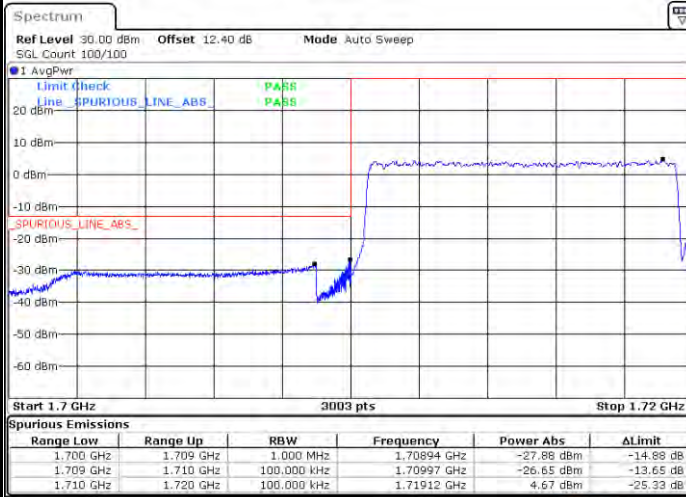
Highest Band Edge / Full RB



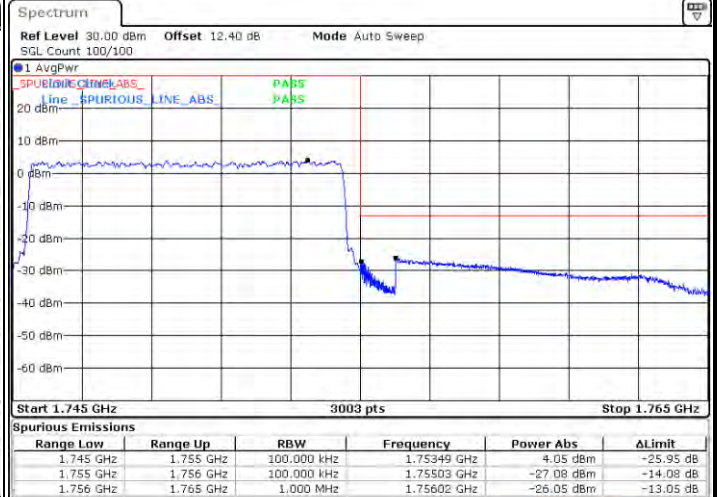


LTE Band 4 / 10MHz / QPSK

Lowest Band Edge / Full RB

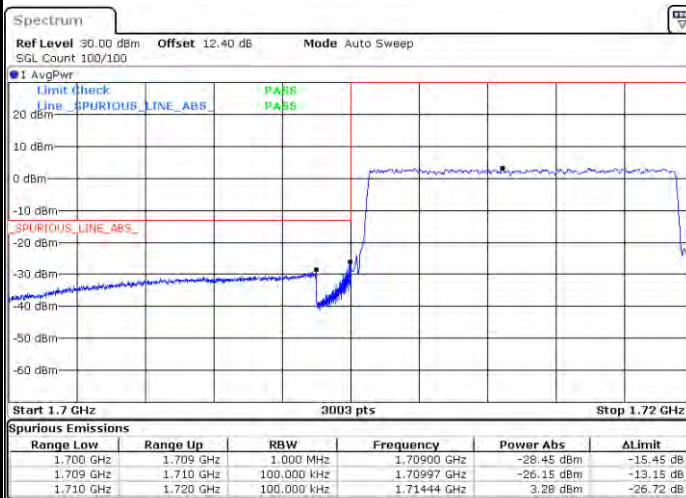


Highest Band Edge / Full RB

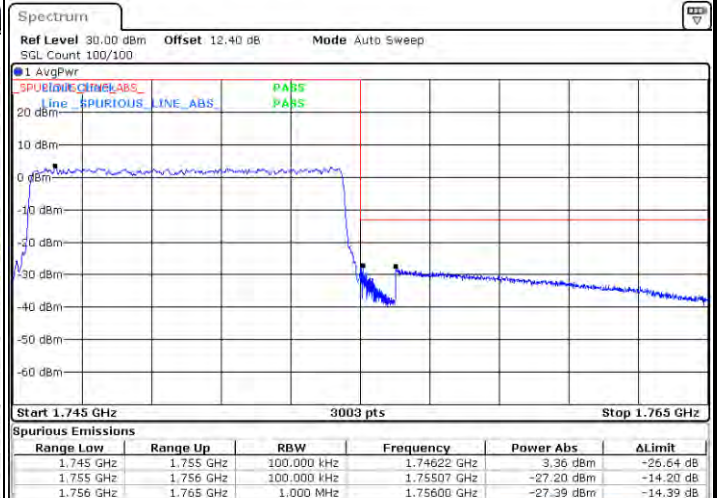


LTE Band 4 / 10MHz / 16QAM

Lowest Band Edge / Full RB



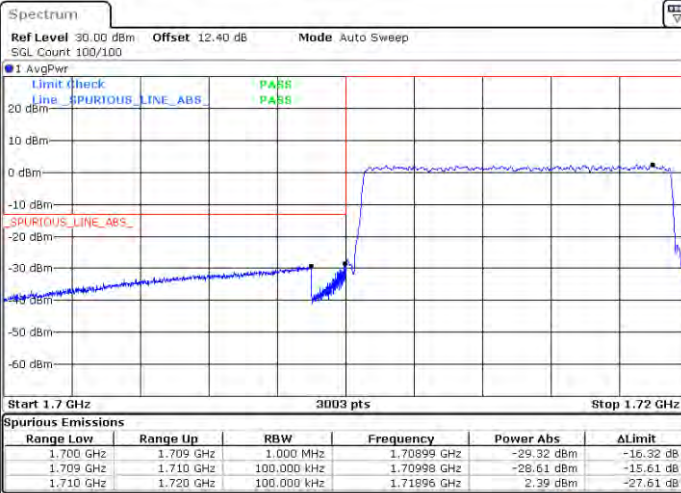
Highest Band Edge / Full RB



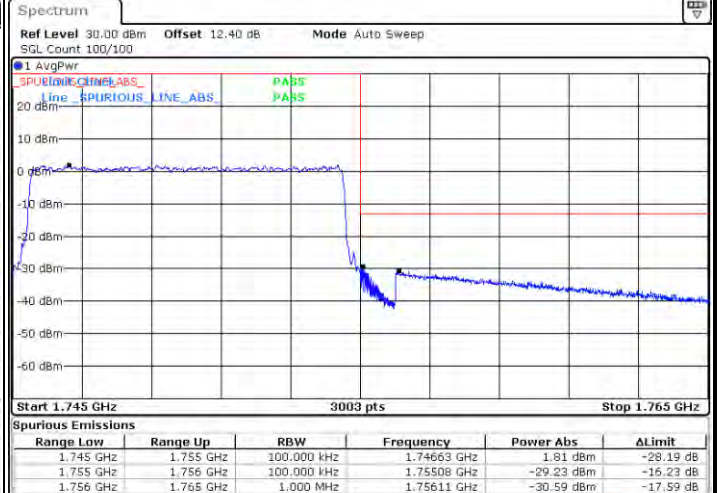


LTE Band 4 / 10MHz / 64QAM

Lowest Band Edge / Full RB

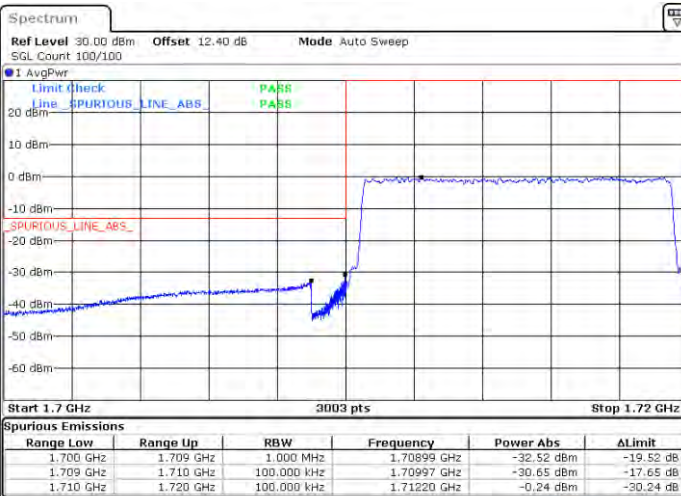


Highest Band Edge / Full RB

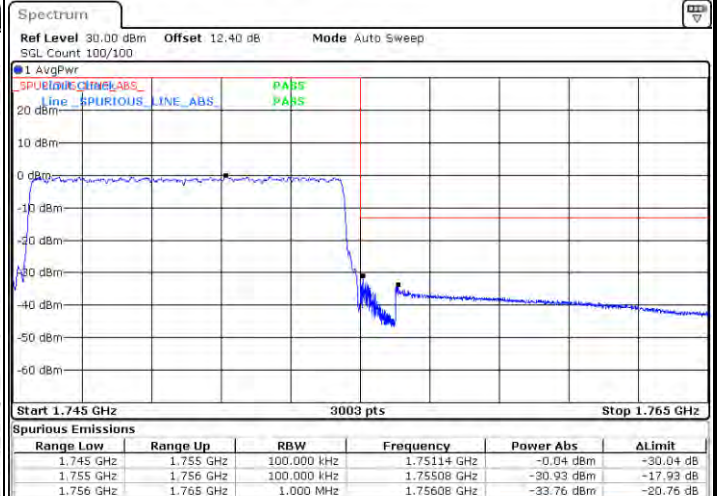


LTE Band 4 / 10MHz / 256QAM

Lowest Band Edge / Full RB



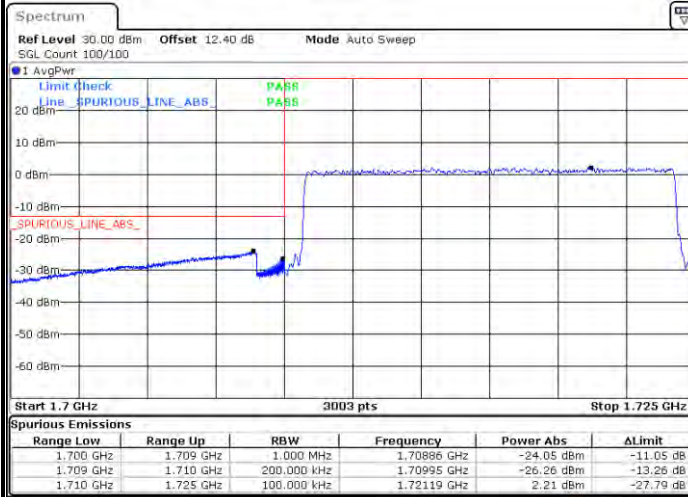
Highest Band Edge / Full RB



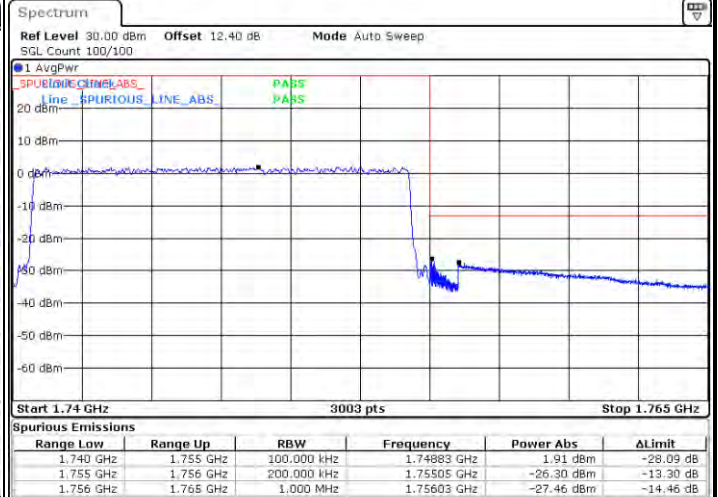


LTE Band 4 / 15MHz / QPSK

Lowest Band Edge / Full RB

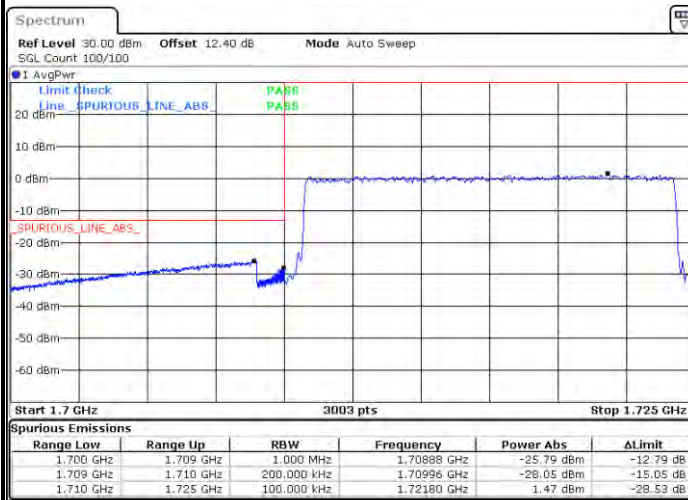


Highest Band Edge / Full RB

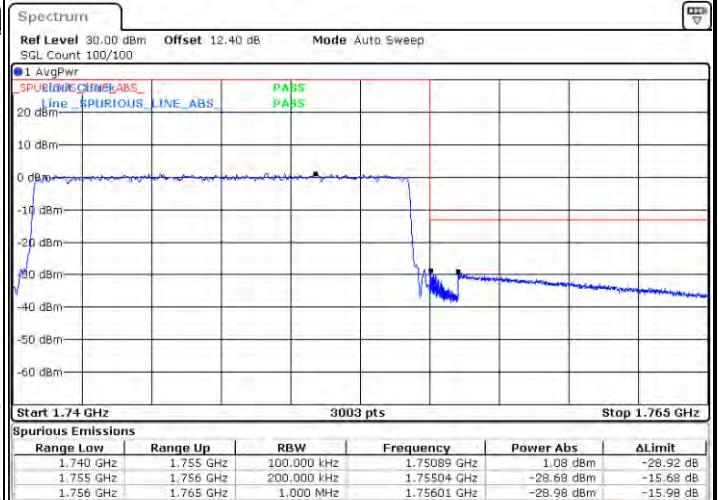


LTE Band 4 / 15MHz / 16QAM

Lowest Band Edge / Full RB



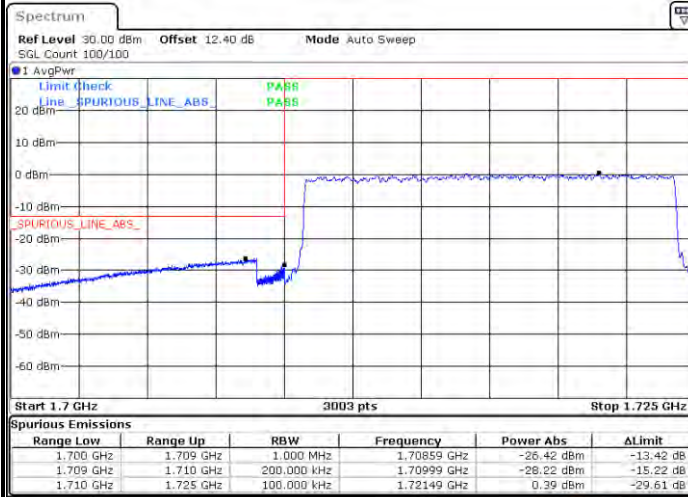
Highest Band Edge / Full RB



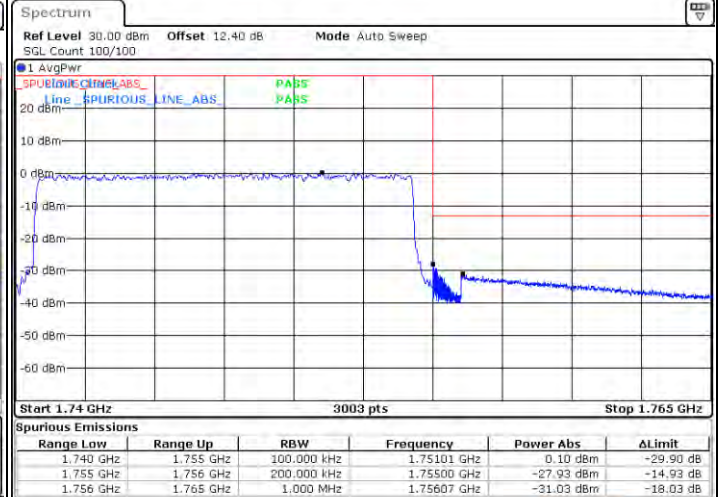


LTE Band 4 / 15MHz / 64QAM

Lowest Band Edge / Full RB

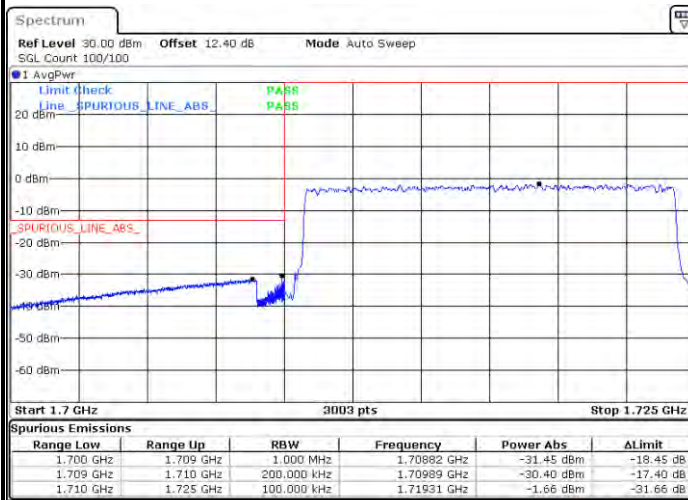


Highest Band Edge / Full RB

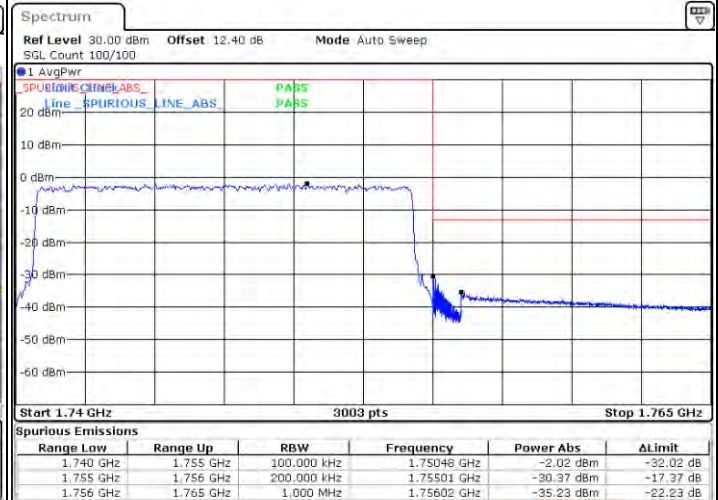


LTE Band 4 / 15MHz / 256QAM

Lowest Band Edge / Full RB



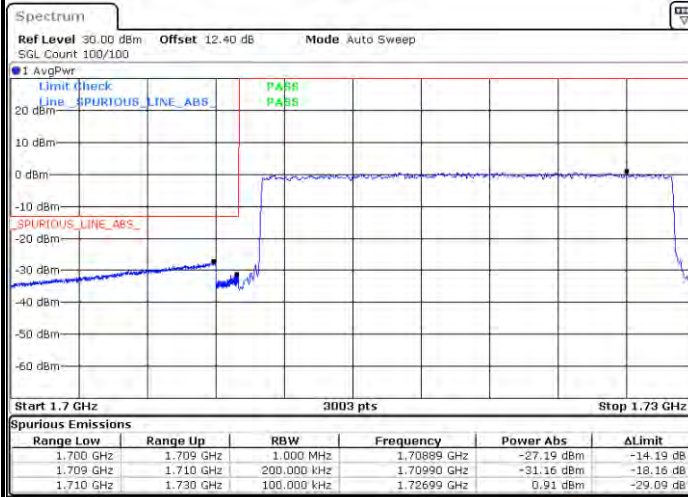
Highest Band Edge / Full RB





LTE Band 4 / 20MHz / QPSK

Lowest Band Edge / Full RB

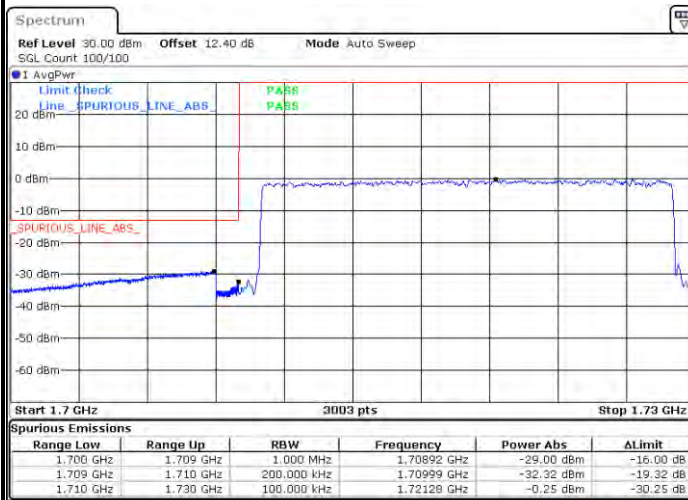


Highest Band Edge / Full RB



LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / Full RB



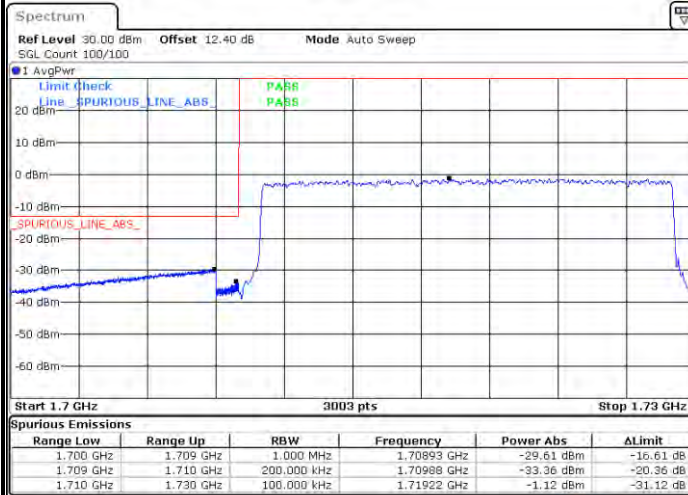
Highest Band Edge / Full RB



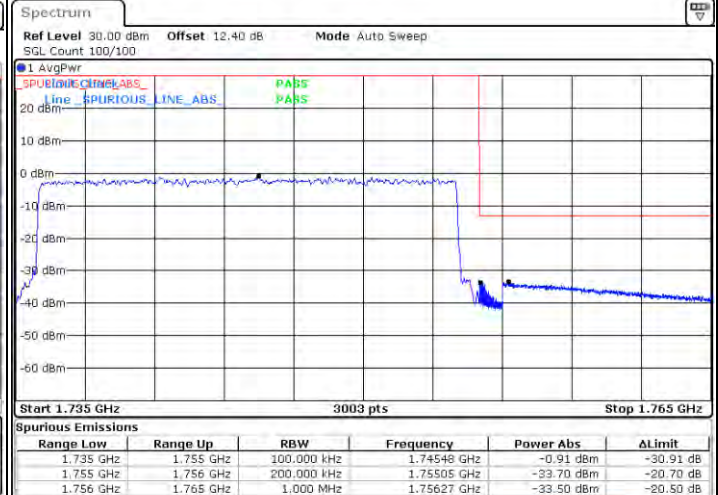


LTE Band 4 / 20MHz / 64QAM

Lowest Band Edge / Full RB

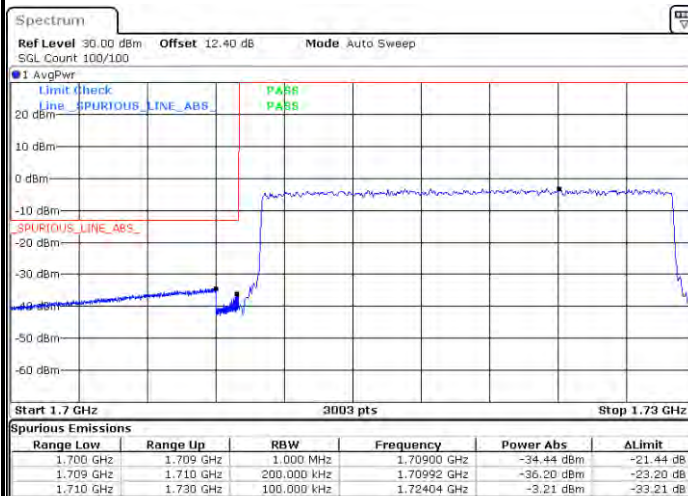


Highest Band Edge / Full RB

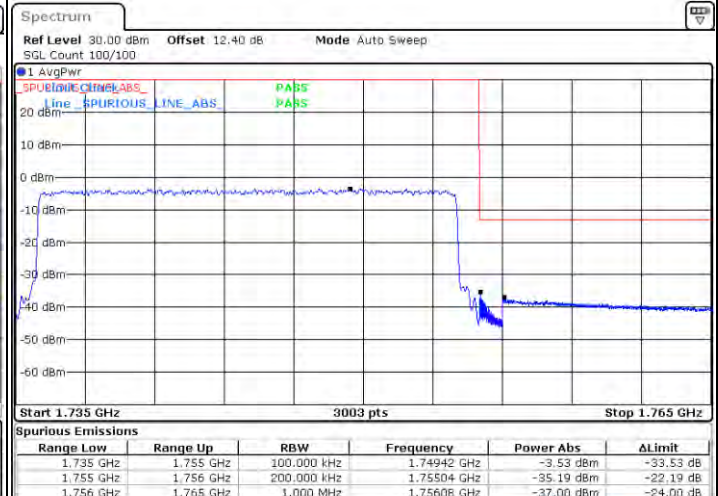


LTE Band 4 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

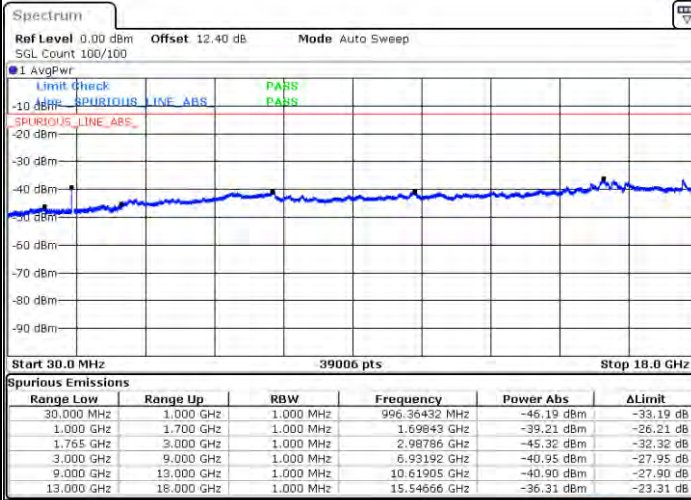




Conducted Spurious Emission

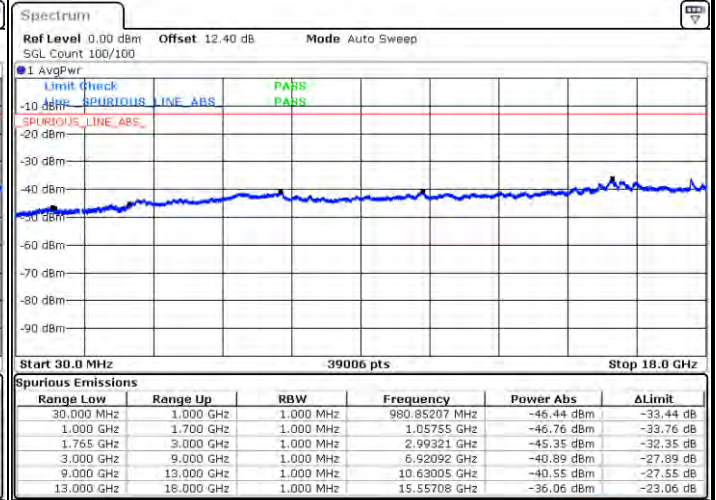
LTE Band 4 / 1.4MHz

Lowest Channel / QPSK



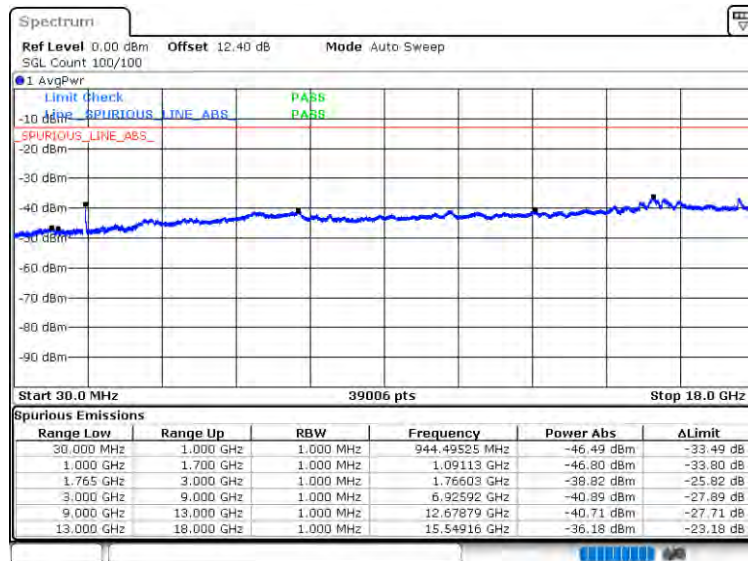
Date: 5.JAN.2025 09:44:56

Middle Channel / QPSK



Date: 5.JAN.2025 09:46:38

Highest Channel / QPSK

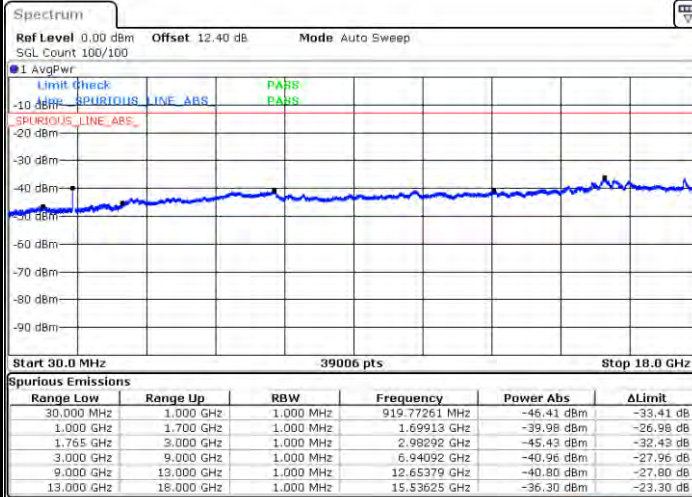


Date: 5.JAN.2025 09:48:12



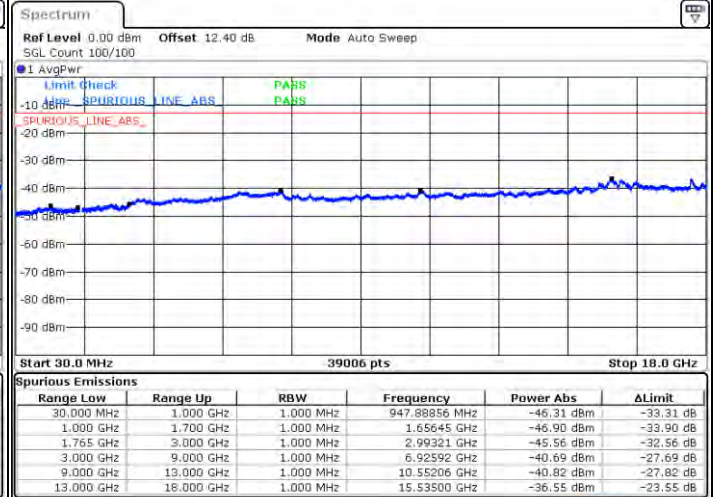
LTE Band 4 / 3MHz

Lowest Channel / QPSK



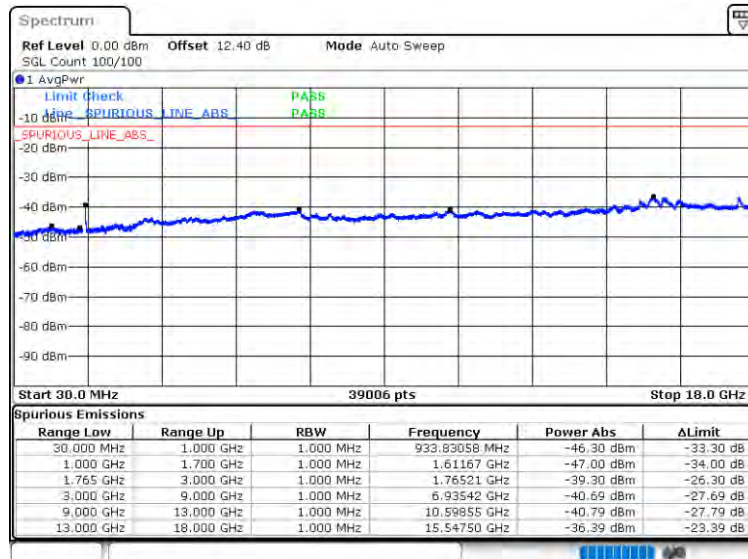
Date: 5.JAN.2025 09:49:51

Middle Channel / QPSK



Date: 5.JAN.2025 09:51:26

Highest Channel / QPSK

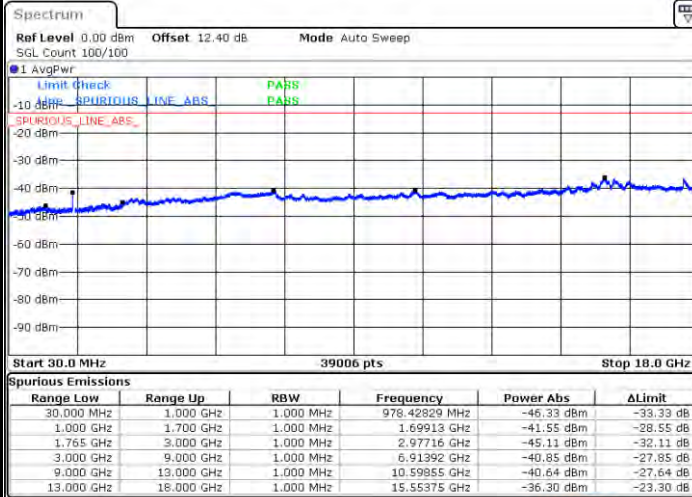


Date: 5.JAN.2025 09:52:59



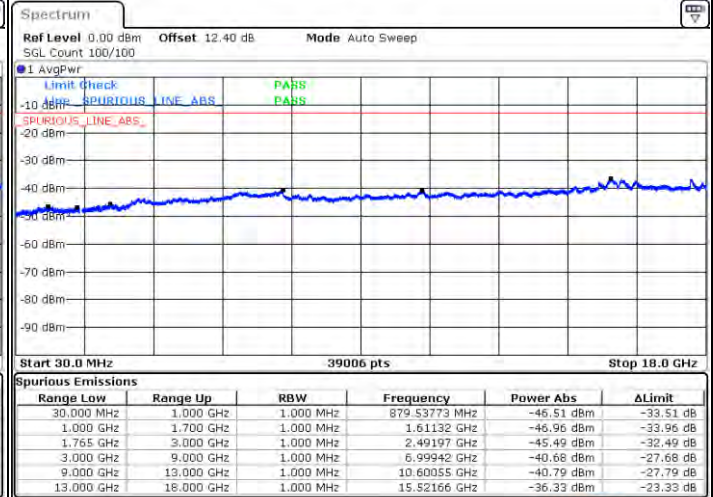
LTE Band 4 / 5MHz

Lowest Channel / QPSK



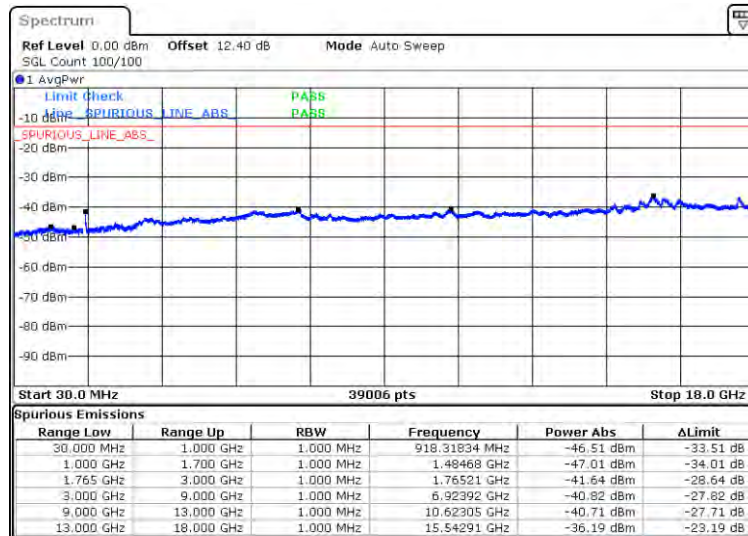
Date: 5.JAN.2025 09:54:44

Middle Channel / QPSK



Date: 5.JAN.2025 09:56:18

Highest Channel / QPSK

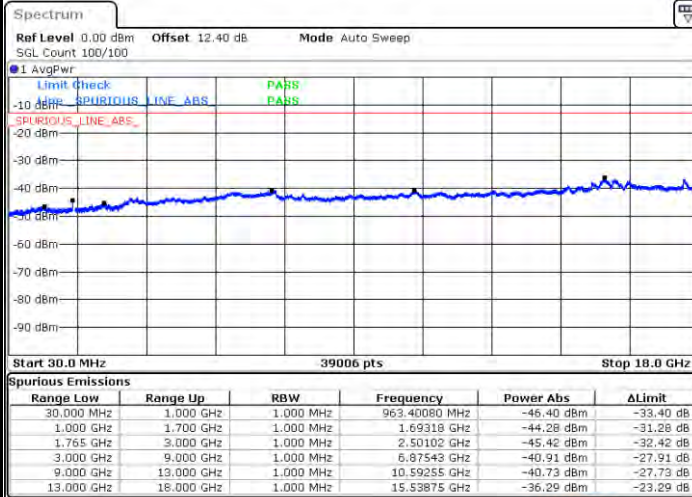


Date: 5.JAN.2025 09:57:58



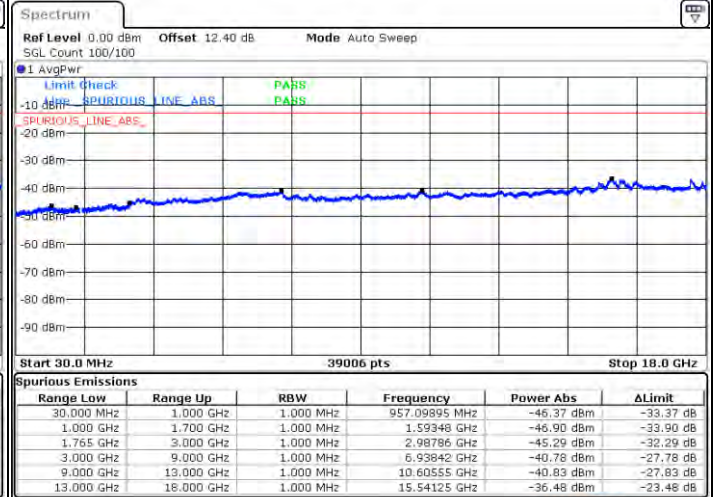
LTE Band 4 / 10MHz

Lowest Channel / QPSK



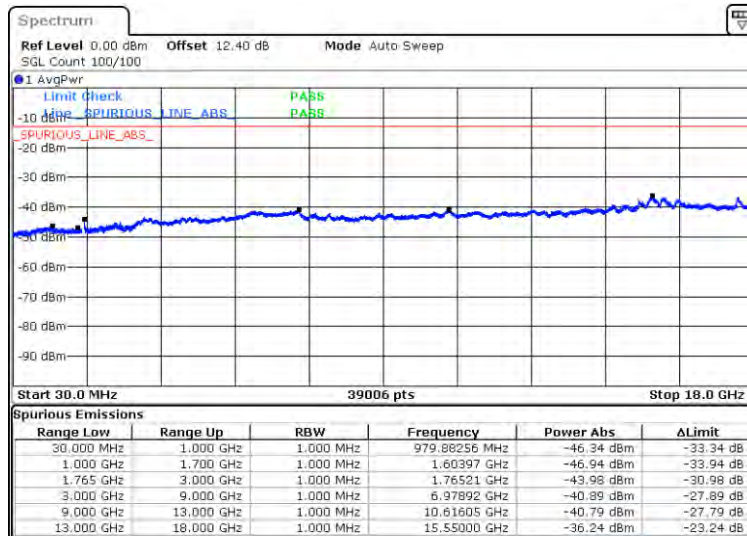
Date: 5 JAN 2025 10:01:30

Middle Channel / QPSK



Date: 5 JAN 2025 10:01:13

Highest Channel / QPSK

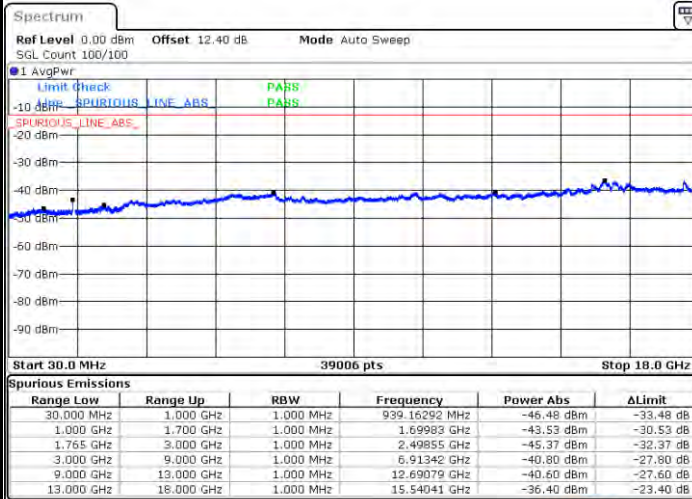


Date: 5 JAN 2025 10:04:51



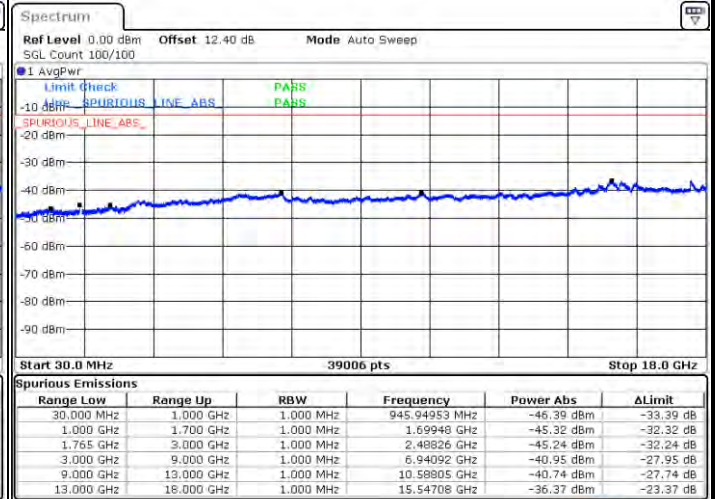
LTE Band 4 / 15MHz

Lowest Channel / QPSK



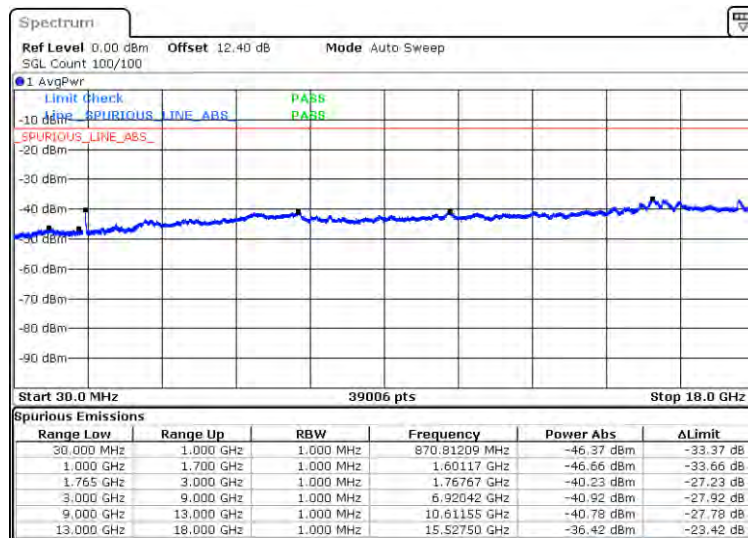
Date: 5 JAN 2025 10:06:32

Middle Channel / QPSK



Date: 5 JAN 2025 10:08:08

Highest Channel / QPSK

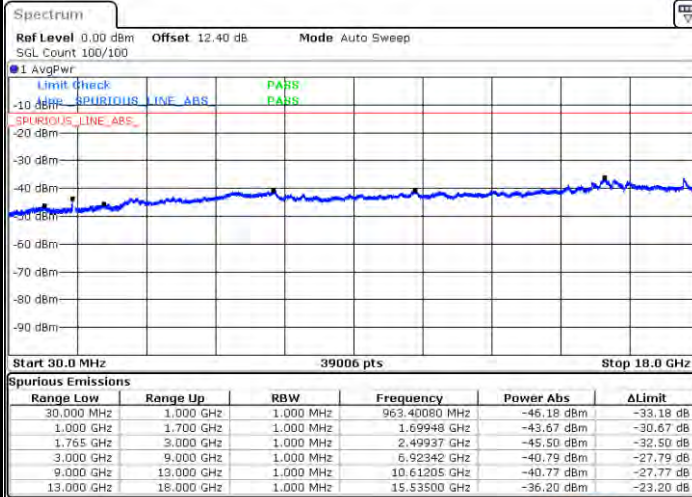


Date: 5 JAN 2025 10:09:46



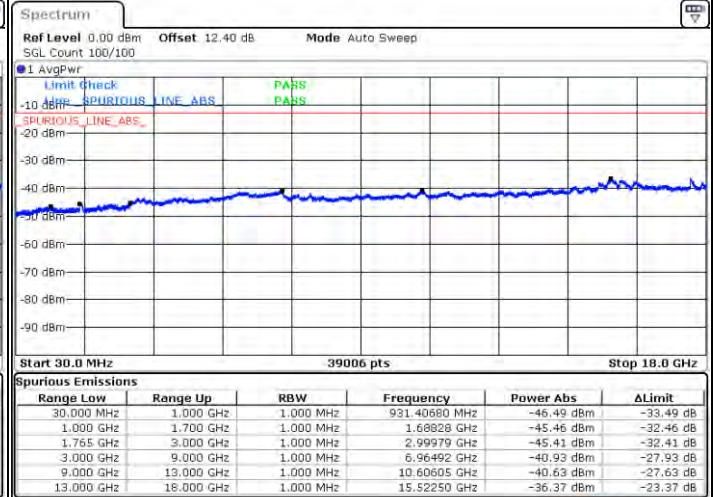
LTE Band 4 / 20MHz

Lowest Channel / QPSK



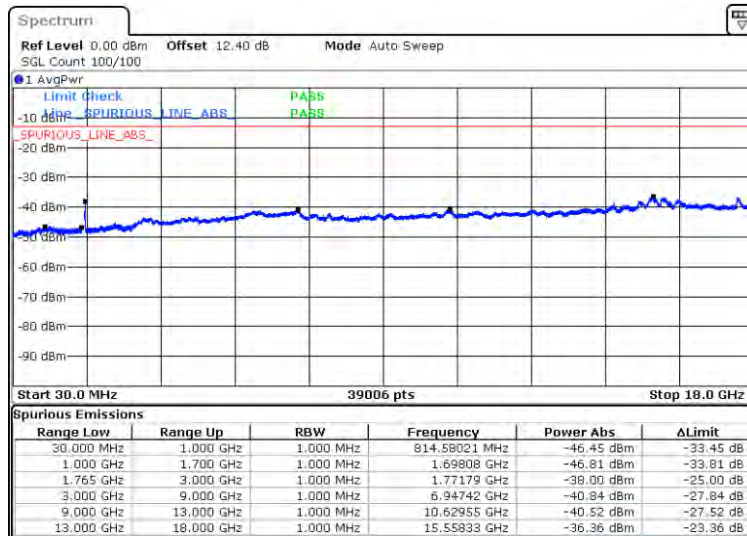
Date: 5.JAN.2025 10:11:28

Middle Channel / QPSK



Date: 5.JAN.2025 10:11:03

Highest Channel / QPSK



Date: 5.JAN.2025 10:14:39

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	0.0050	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0011	

Note:

1. Normal Voltage = 3.9 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5B

26dB Bandwidth

Mode	LTE Band 5B : 26dB BW(MHz)		
QPSK			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.21	8.10	14.62
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.77	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
16QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.10	8.34	14.56
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.92	19.74	-

Mode	LTE Band 5B : 26dB BW(MHz)		
64QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.23	8.28	14.77
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.65	20.02	-

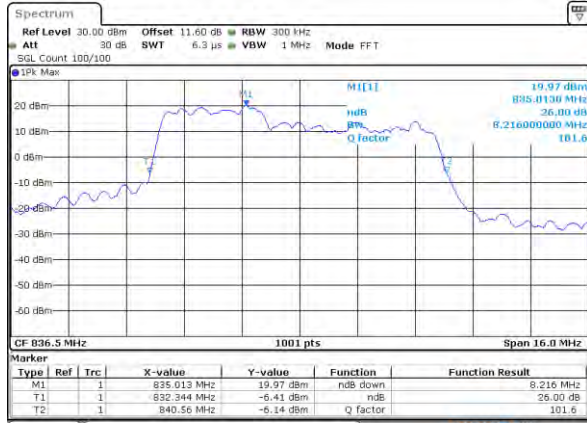
Mode	LTE Band 5B : 26dB BW(MHz)		
256QAM			
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	8.08	8.51	14.50
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	14.95	19.62	-



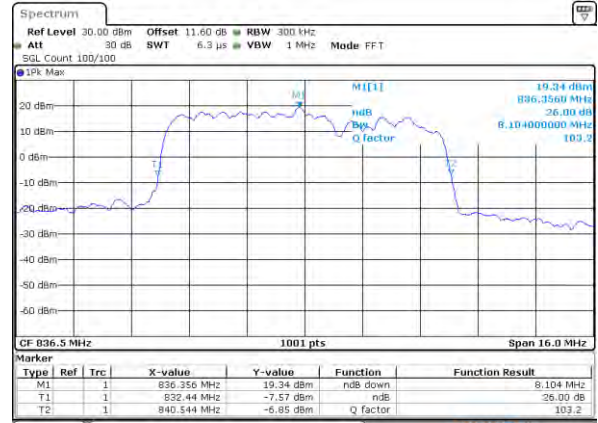
LTE Band 5B

QPSK

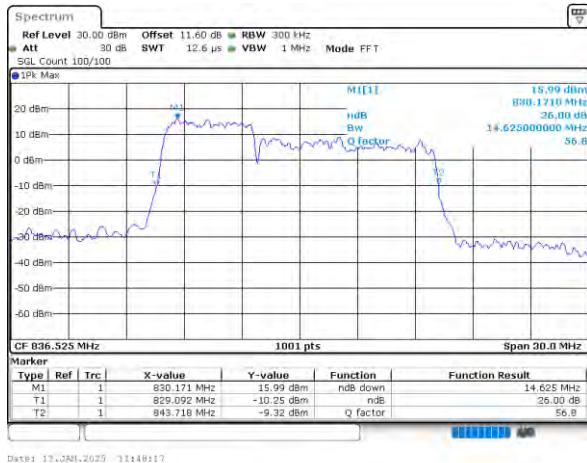
Middle Channel / 3MHz+5MHz



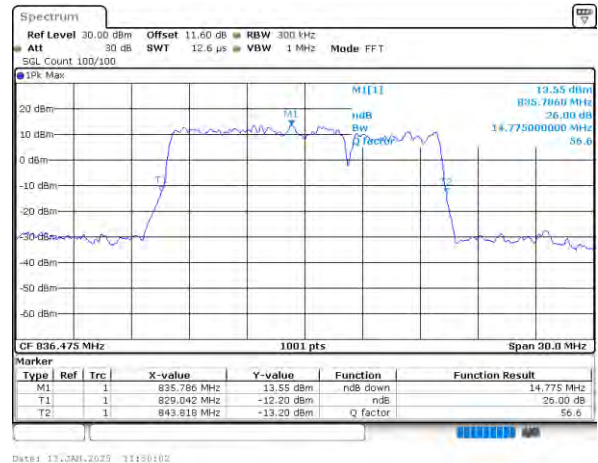
Middle Channel / 5MHz+3MHz



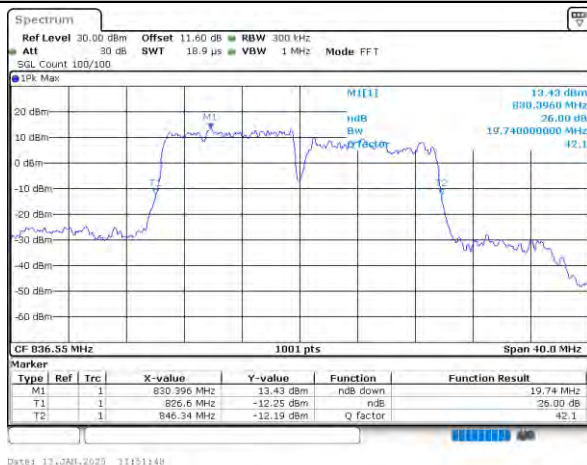
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A



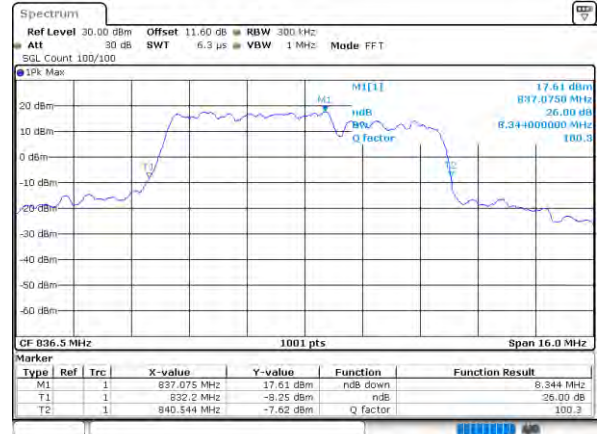
LTE Band 5B

16QAM

Middle Channel / 3MHz+5MHz



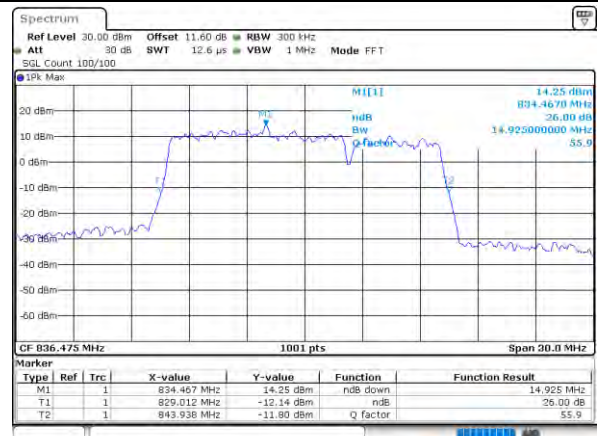
Middle Channel / 5MHz+3MHz



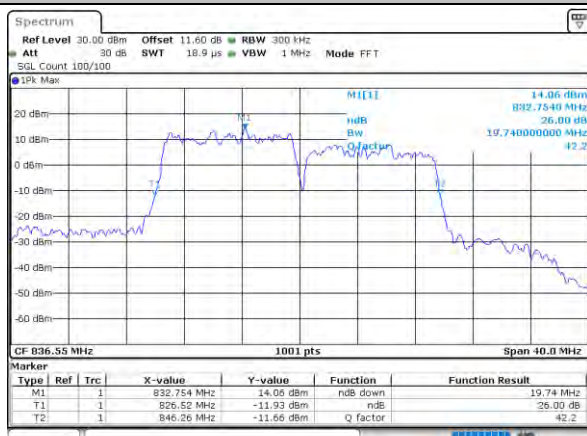
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A



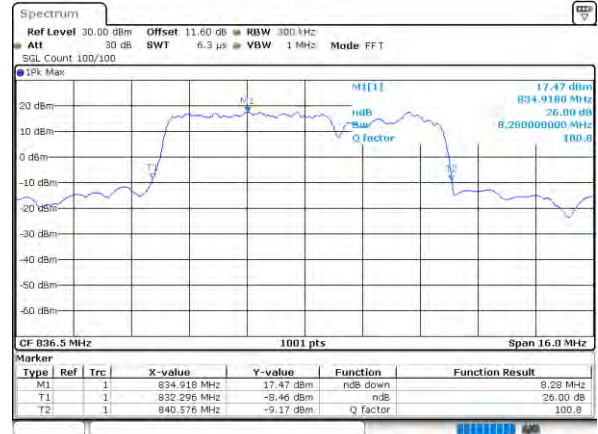
LTE Band 5B

64QAM

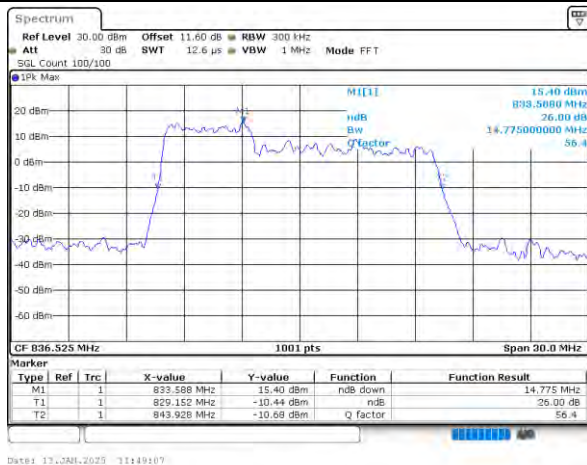
Middle Channel / 3MHz+5MHz



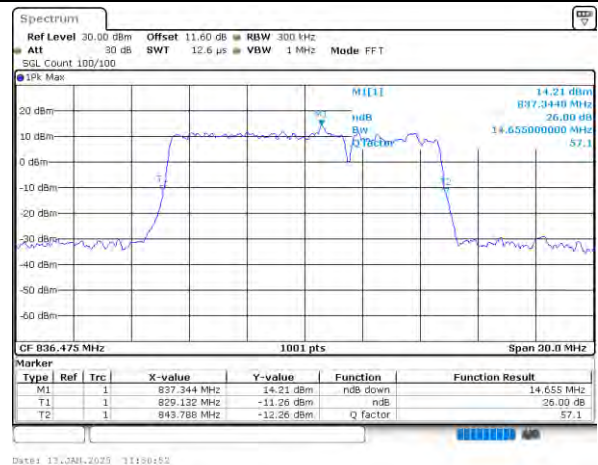
Middle Channel / 5MHz+3MHz



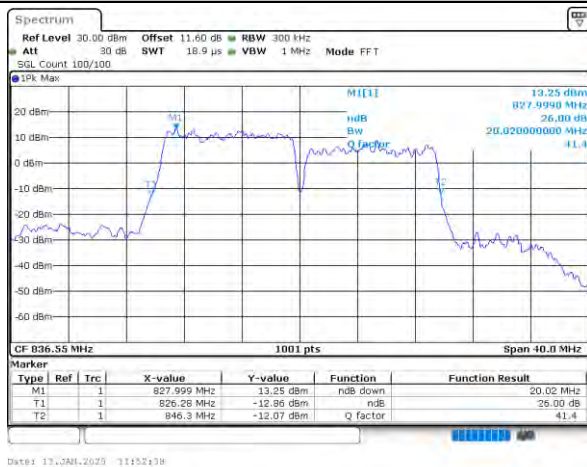
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A



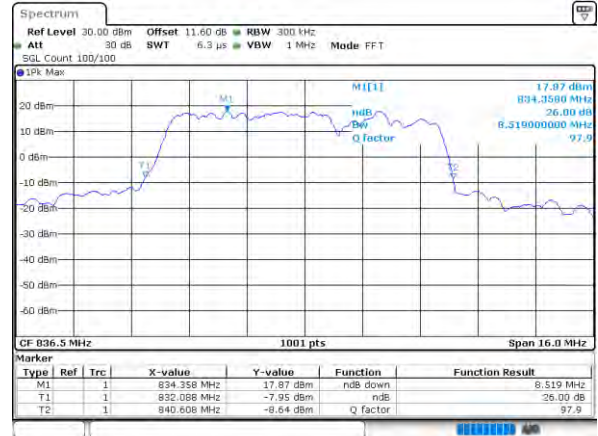
LTE Band 5B

256QAM

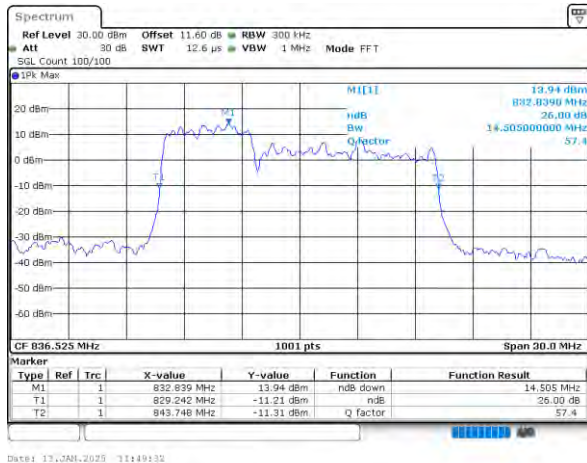
Middle Channel / 3MHz+5MHz



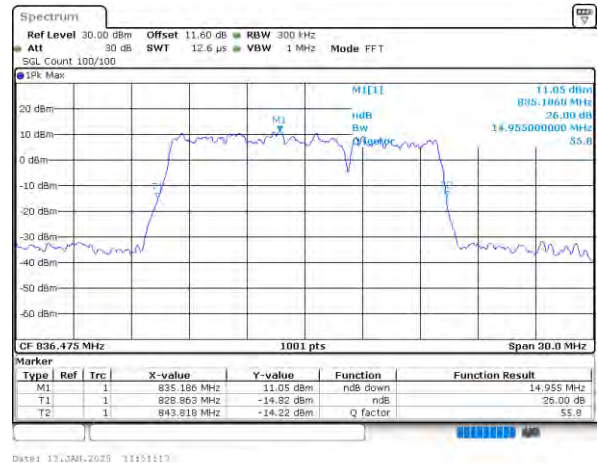
Middle Channel / 5MHz+3MHz



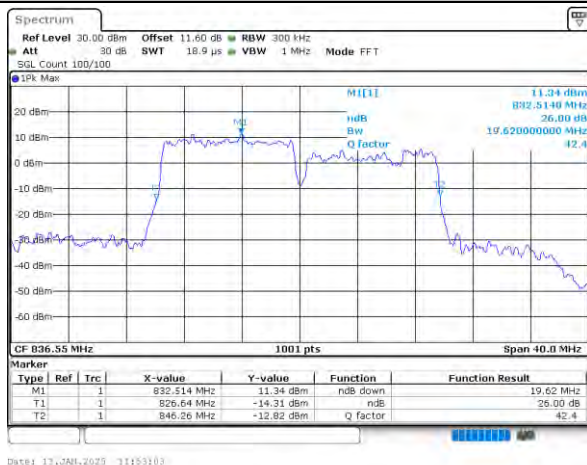
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

Occupied Bandwidth

Mode	LTE Band 5B : 99%OBW(MHz)		
	QPSK		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.52	7.55	13.87
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.81	18.69	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	16QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.48	7.63	13.81
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.91	18.73	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	64QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.54	13.74
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.81	18.77	-

Mode	LTE Band 5B : 99%OBW(MHz)		
	254QAM		
BW	3MHz+5MHz	5MHz+3MHz	5MHz+10MHz
Middle CH	7.54	7.65	13.74
BW	10MHz+5MHz	10MHz+10MHz	N/A
Middle CH	13.87	18.64	-



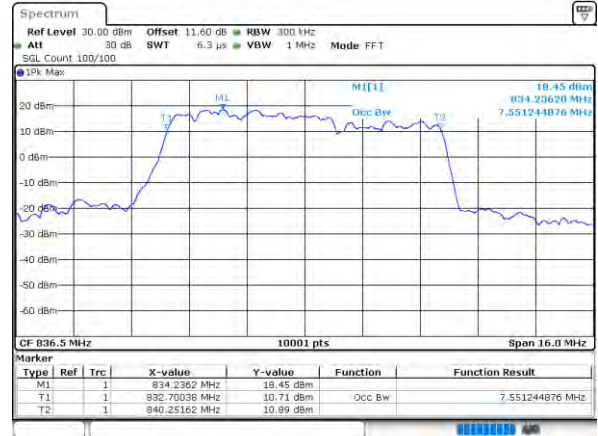
LTE Band 5B

QPSK

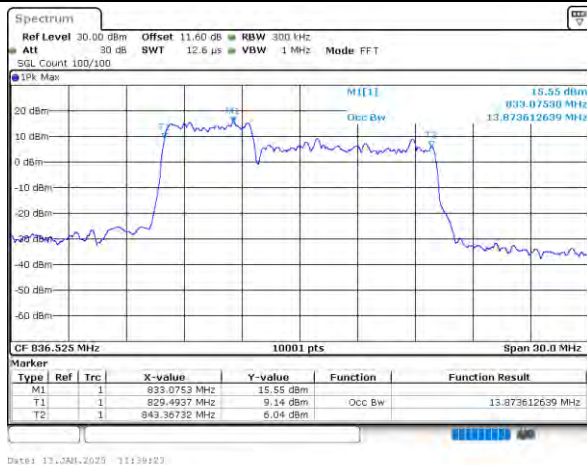
Middle Channel / 3MHz+5MHz



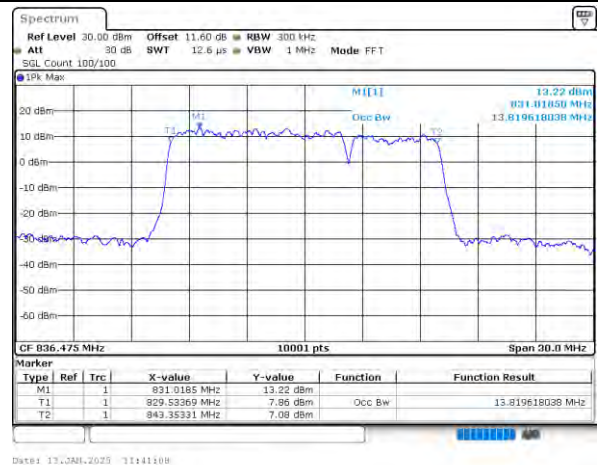
Middle Channel / 5MHz+3MHz



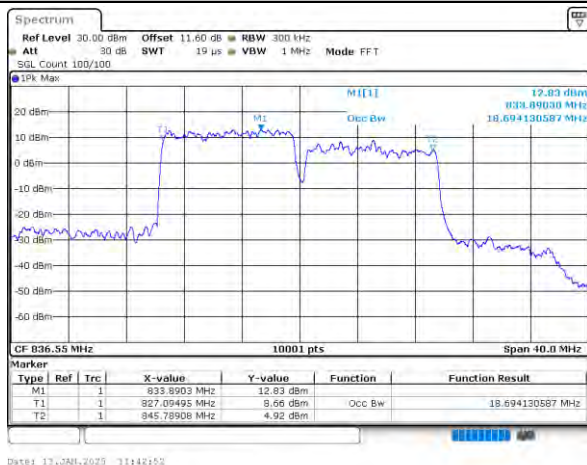
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A



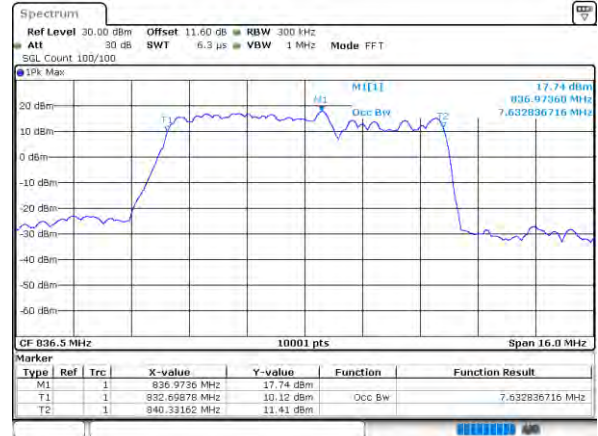
LTE Band 5B

16QAM

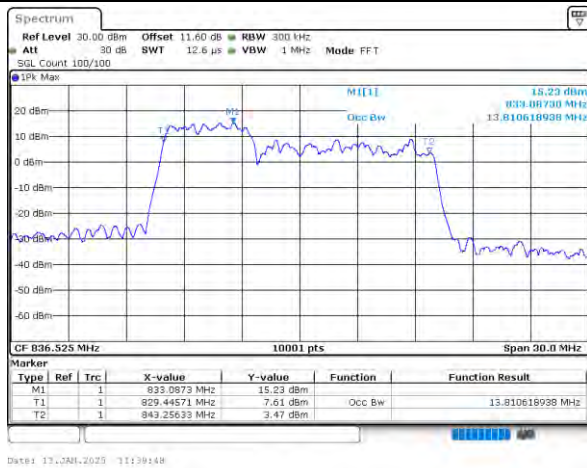
Middle Channel / 3MHz+5MHz



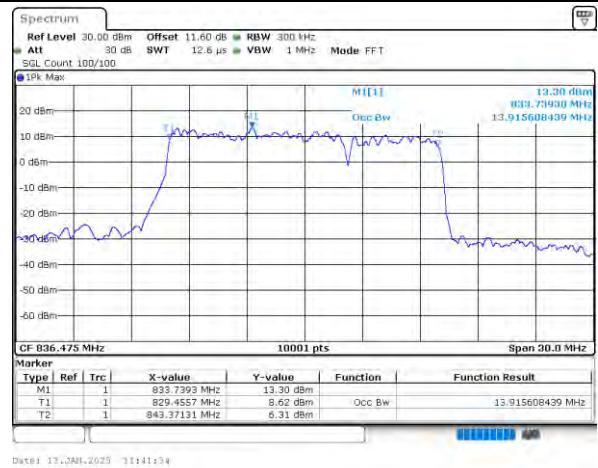
Middle Channel / 5MHz+3MHz



Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



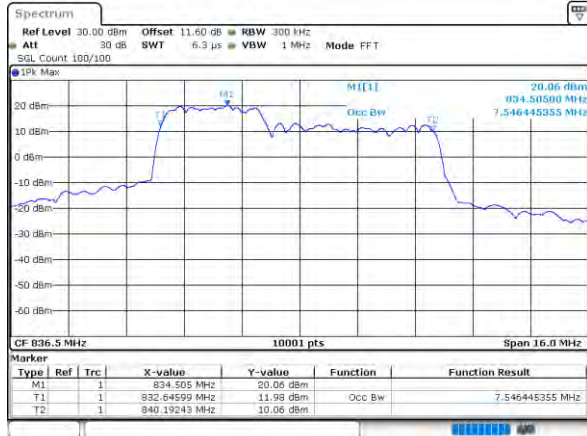
N/A



LTE Band 5B

64QAM

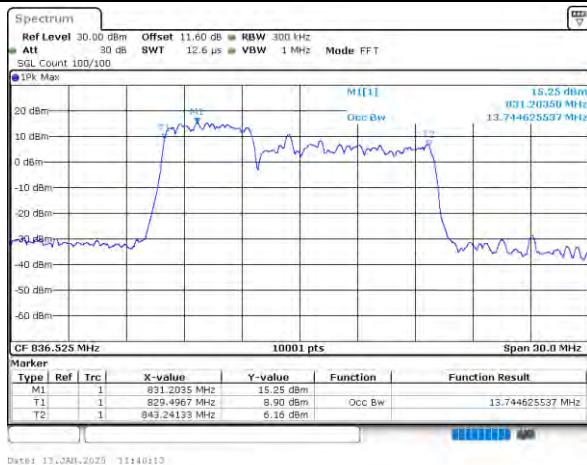
Middle Channel / 3MHz+5MHz



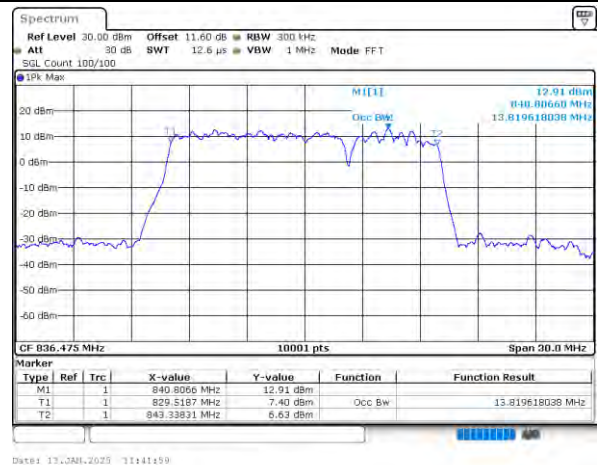
Middle Channel / 5MHz+3MHz



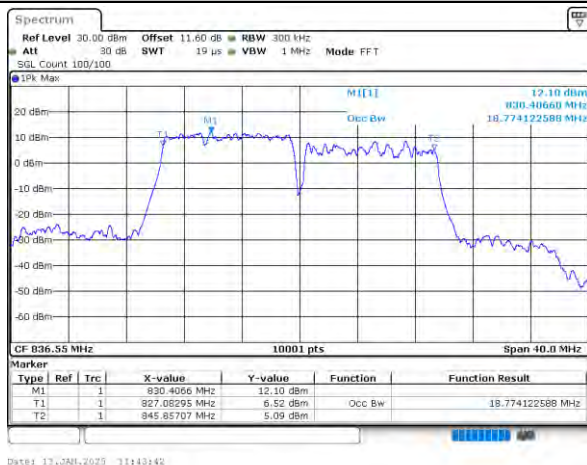
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A



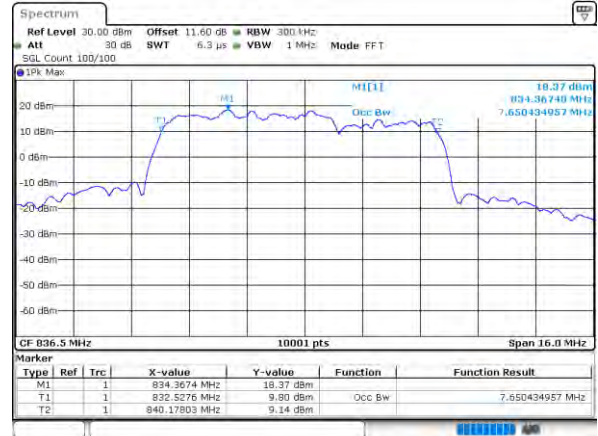
LTE Band 5B

256QAM

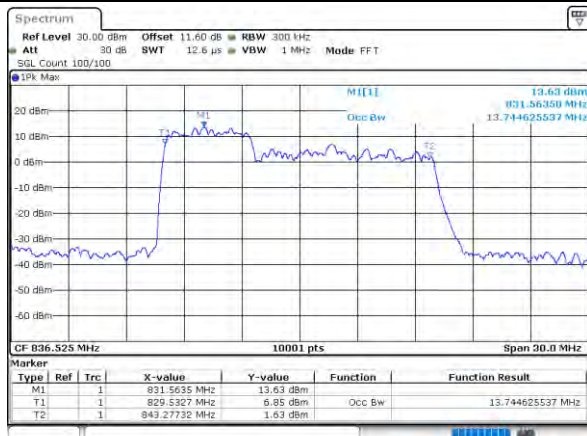
Middle Channel / 3MHz+5MHz



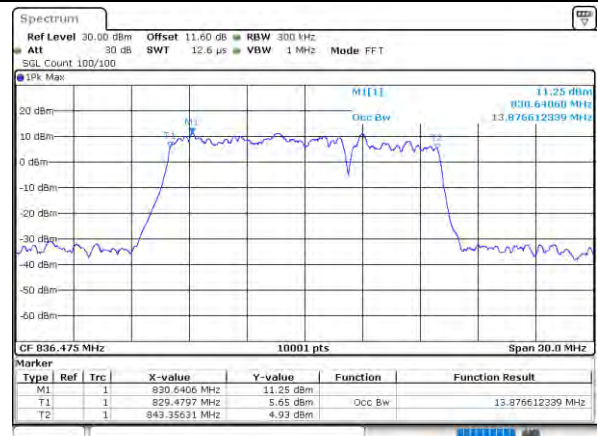
Middle Channel / 5MHz+3MHz



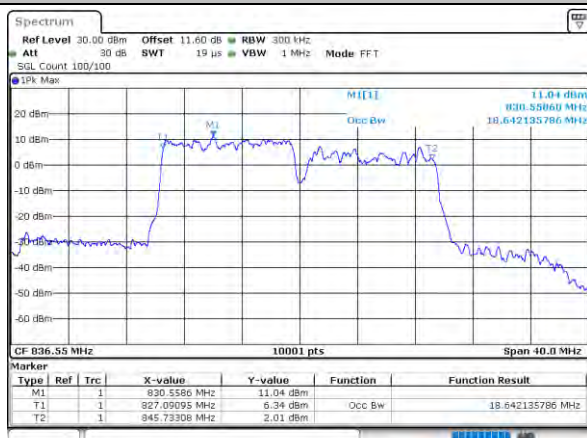
Middle Channel / 5MHz+10MHz



Middle Channel / 10MHz+5MHz



Middle Channel / 10MHz+10MHz



N/A

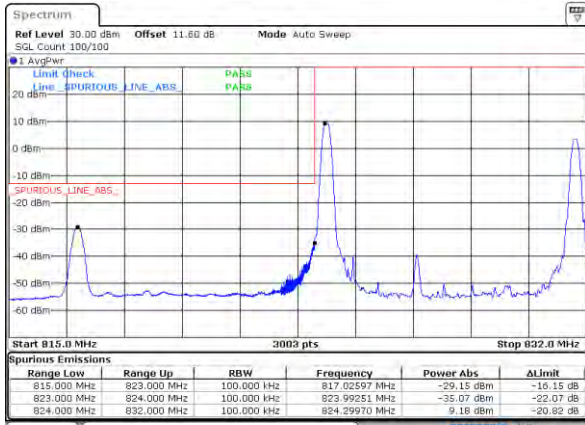


Conducted Band Edge

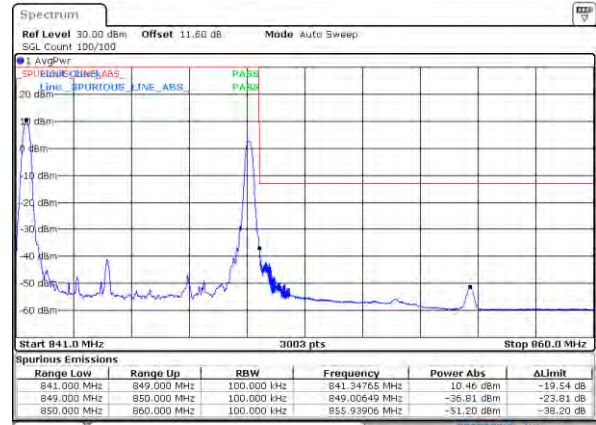
LTE Band 5B / 3MHz+5MHz

QPSK

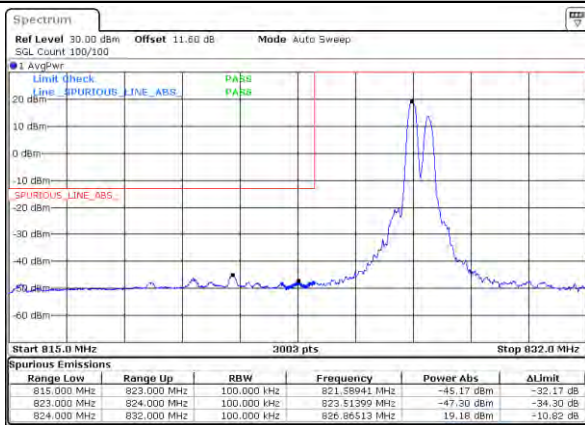
Lowest Band Edge / 1RB0 and 1RB24



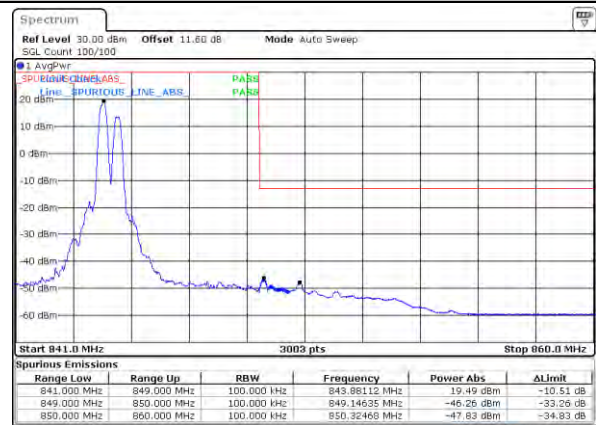
Highest Band Edge / 1RB0 and 1RB24



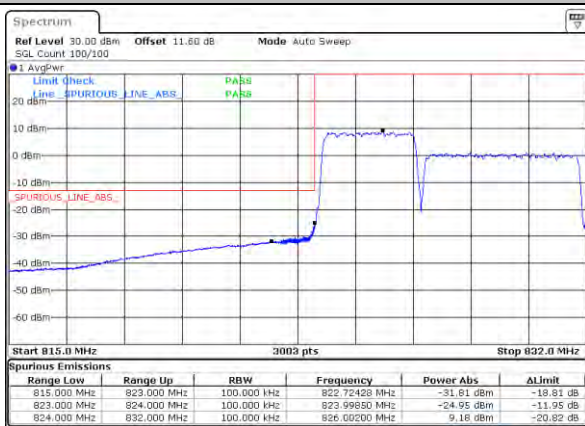
Lowest Band Edge / 1RB14 and 1RB0



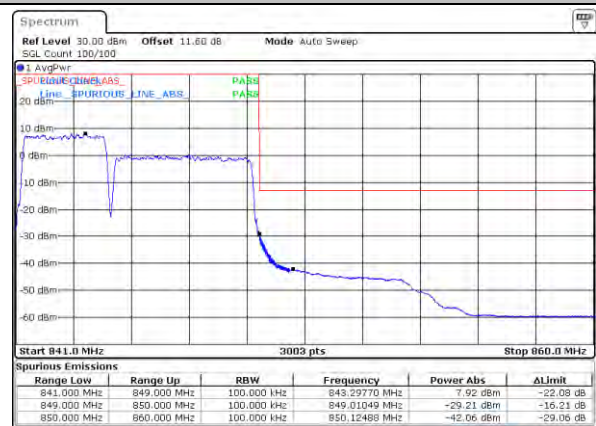
Highest Band Edge / 1RB14 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

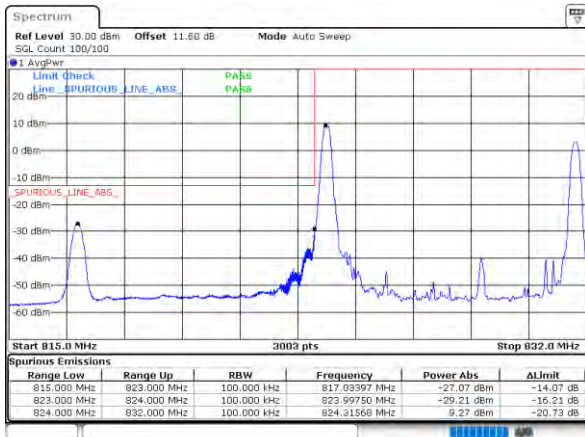




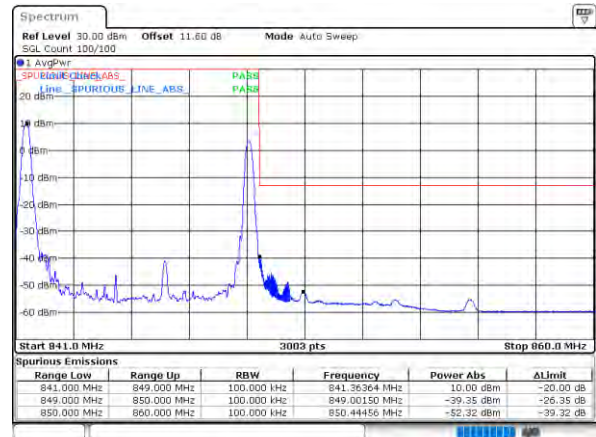
LTE Band 5B / 5MHz+3MHz

QPSK

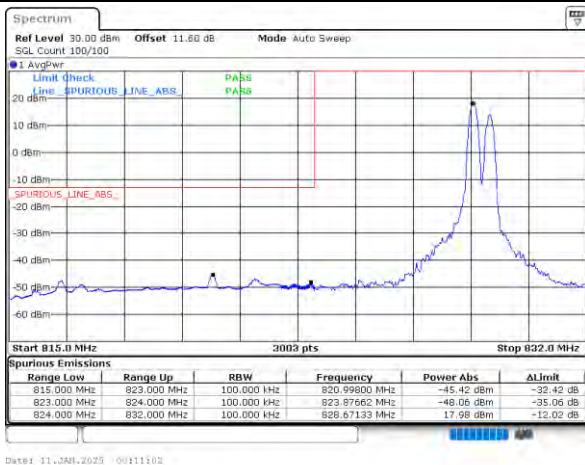
Lowest Band Edge / 1RB0 and 1RB14



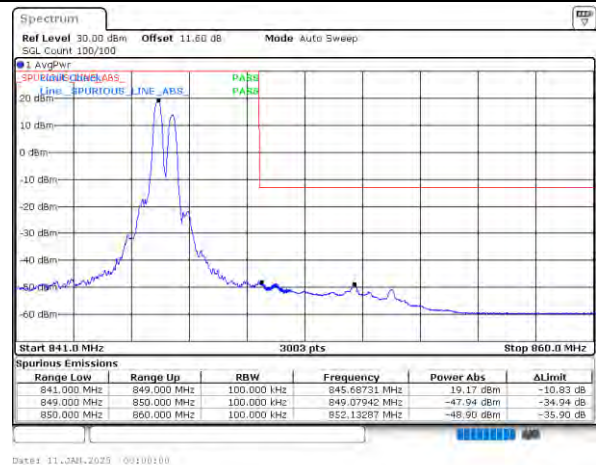
Highest Band Edge / 1RB0 and 1RB14



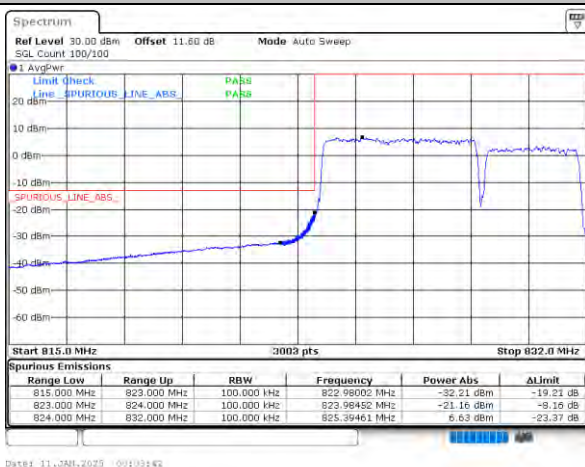
Lowest Band Edge / 1RB24 and 1RB0



Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

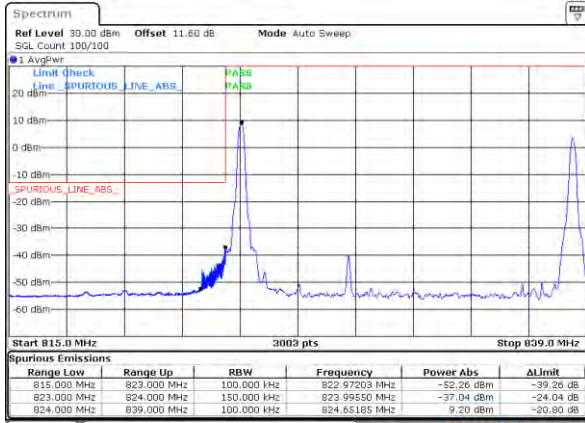




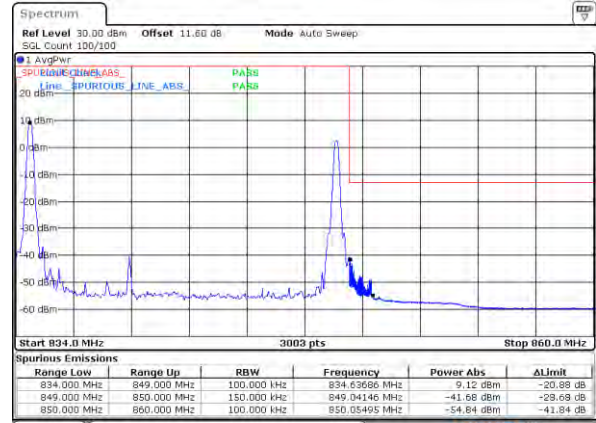
LTE Band 5B / 5MHz+10MHz

QPSK

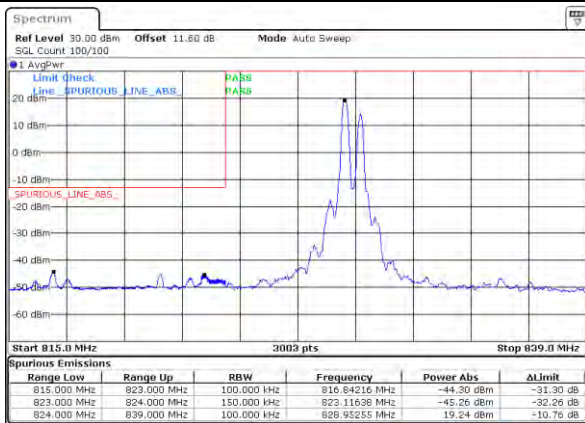
Lowest Band Edge / 1RB0 and 1RB49



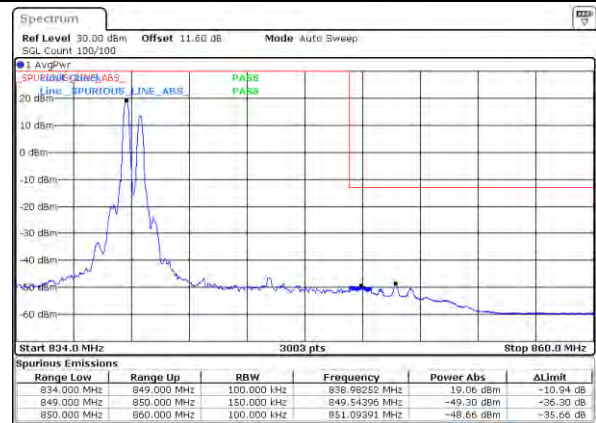
Highest Band Edge / 1RB0 and 1RB49



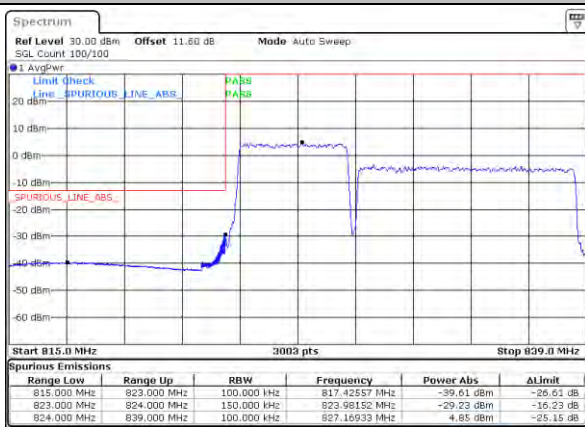
Lowest Band Edge / 1RB24 and 1RB0



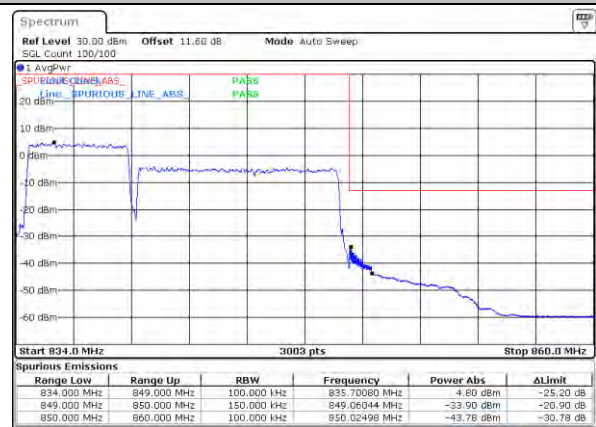
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

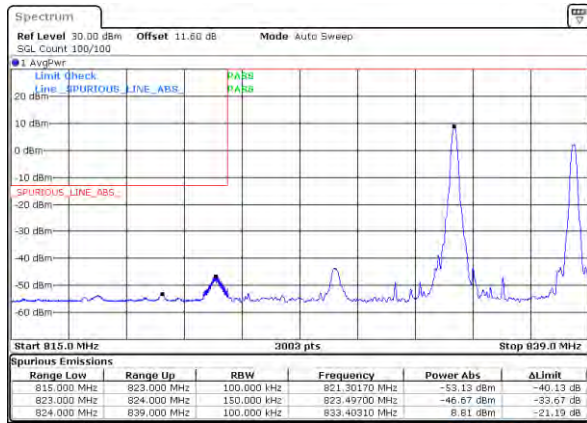




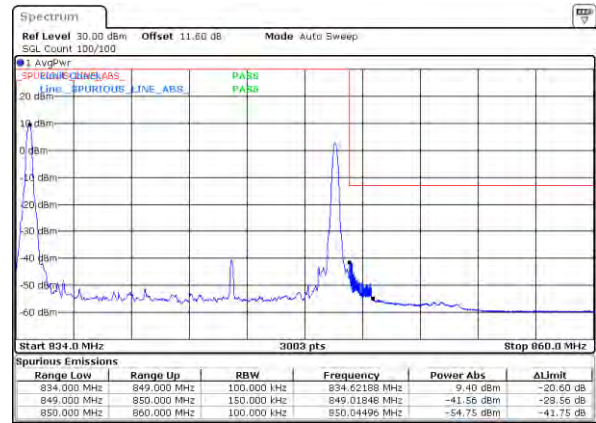
LTE Band 5B / 10MHz+5MHz

QPSK

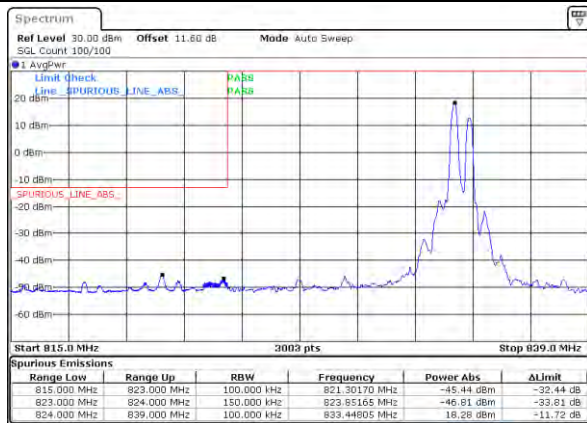
Lowest Band Edge / 1RB0 and 1RB24



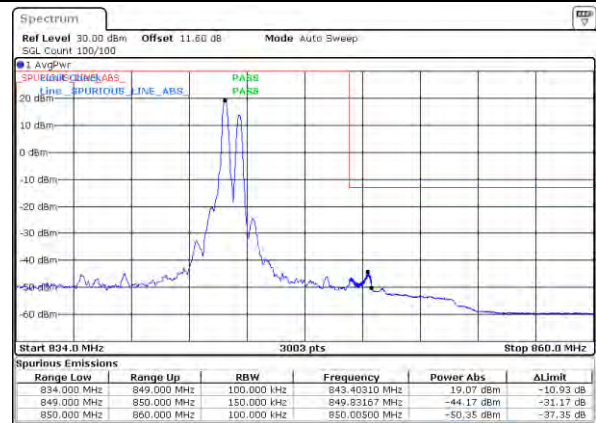
Highest Band Edge / 1RB0 and 1RB24



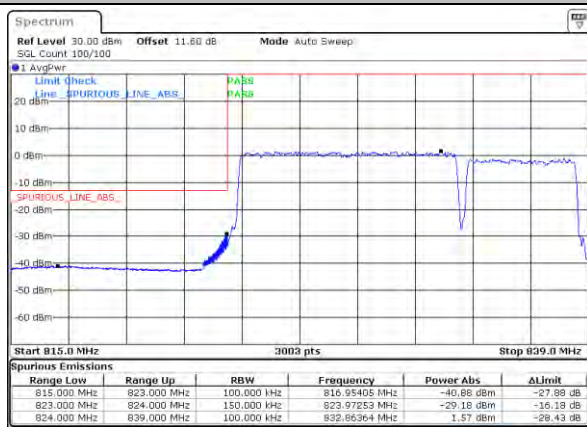
Lowest Band Edge / 1RB49 and 1RB0



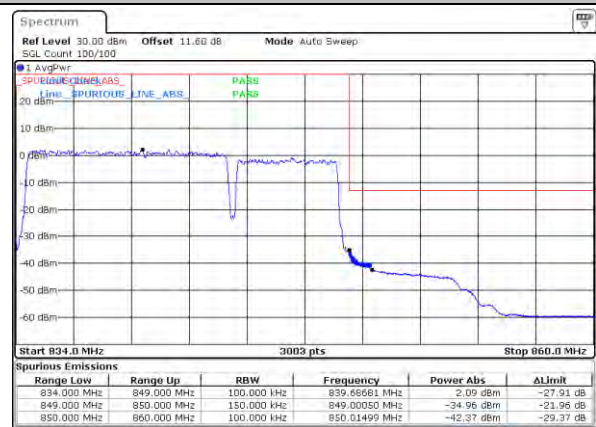
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

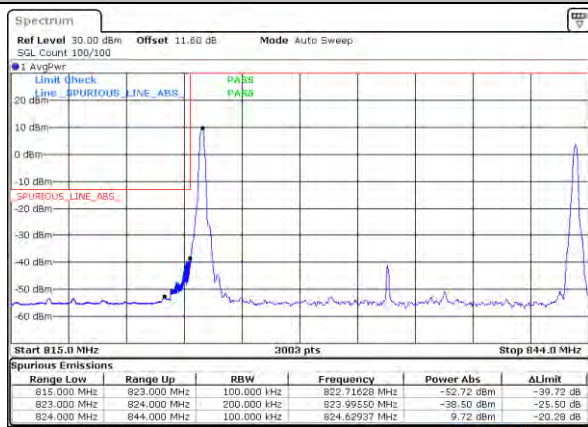




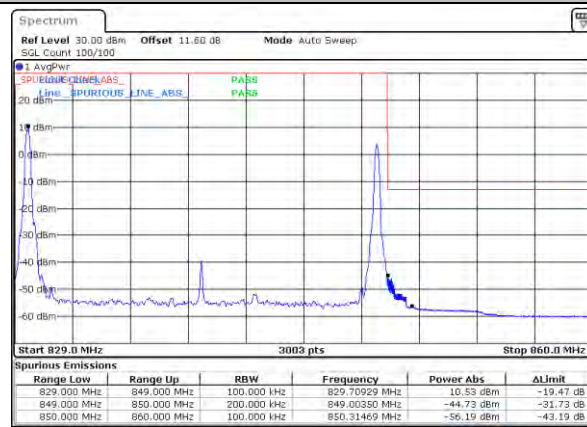
LTE Band 5B / 10MHz+10MHz

QPSK

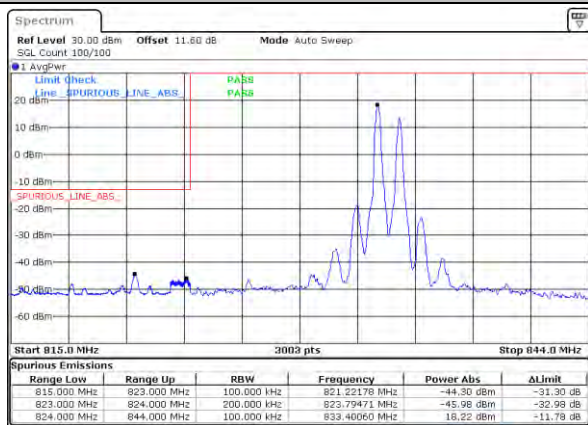
Lowest Band Edge / 1RB0 and 1RB49



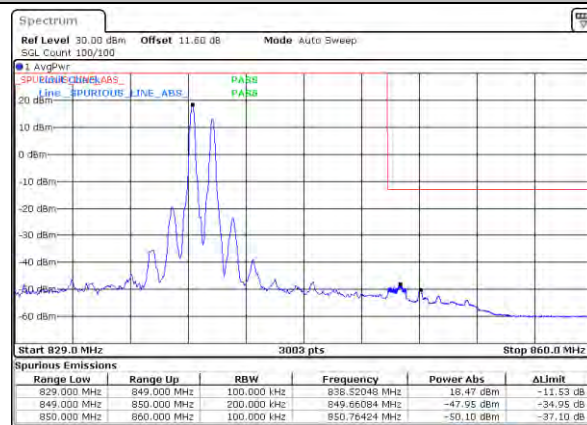
Highest Band Edge / 1RB0 and 1RB49



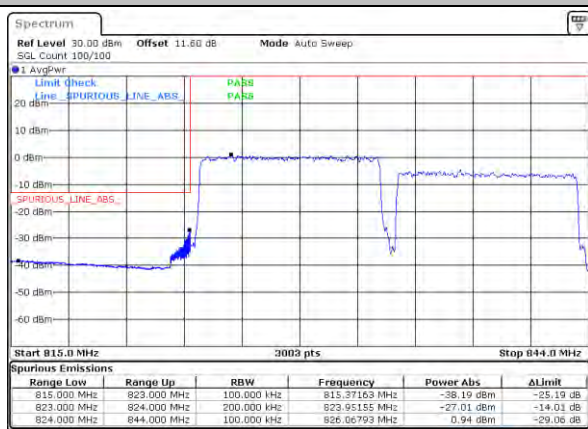
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

