

Report No.: FG390523-02C



FCC RADIO TEST REPORT

FCC ID : XMR2020EM160RGL

Equipment : LTE-A Cat 16 M.2 Module

Brand Name : Quectel

Model Name : EM160R-GL

Applicant : Quectal Wireless Solutions Co., Ltd.

Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai,

China, 200233

Manufacturer : LCFC (HeFei) Electronics Technology Co., Ltd.

No. 3188-1, Yungu Road (Hefei Export Processing Zone), Hefei Economics & Technology Development

Area, Anhui, CHINA

Standard : FCC 47 CFR Part 2, 96

Equipment: Quectel EM160R-GL tested inside of Lenovo Notebook Computer.

The product was received on Sep. 18, 2023 and testing was performed from Oct. 11, 2023 to Nov. 02, 2023. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this partial 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

Lunis Win

Sporton International Inc. EMC & Wireless Communications Laboratory

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Report Template No.: BU5-FGLTE96 Version 2.4

Report Version : 01

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History of this test report

Report No. : FG390523-02C

Report No.	Version	Description	Issue Date
FG390523-02C	01	Initial issue of report	Dec. 05, 2023

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Summary of Test Result

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Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Reporting only	-
-	-	Peak-to-Average Ratio	-	See Note
3.3	§96.41	Effective Isotropic Radiated Power	Pass	-
-	§2.1049 RSS-197 3.1	Occupied Bandwidth	-	See Note
-	§2.1051 §96.41	Conducted Band Edge Measurement	-	See Note
-	§2.1051 §96.41	Conducted Spurious Emission	-	See Note
-	§2.1055	Frequency Stability for Temperature & Voltage	-	See Note
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass	4.79 dB under the limit at 7241.00 MHz

Note:

- For host device, Radiated Spurious Emission and Effective Isotropic Radiated Power are verified and comply with the limit in this test report.
- For host device, the Conducted Output Power is no difference after compared to module (Model: EM160R-GL).

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sheng Kuo Report Producer: Clio Lo

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1 **General Description**

1.1 Product Feature of Equipment Under Test

Product Feature				
Equipment	LTE-A Cat 16 M.2 Module			
Brand Name	Quectel			
FCC ID	XMR2020EM160RGL			
Sample 1	EUT with Host 1			
Sample 2	EUT with Host 2			
EUT supports Radios application	WCDMA/HSPA/LTE/GNSS			
EUT Stage	Production Unit			

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Remark:

- The above EUT's information was declared by manufacturer.
- Equipment: Quectel EM160R-GL tested inside of Lenovo Notebook Computer.

The product was installed into Notebook Computer (Brand Name: Lenovo, Model Name: TP00150A) during test, and the host information was recorded in the following table.

Host Information		
Host 1 Host with Amphenol		
Host 2	Host with AWAN Antenna	

WWAN Antenna Information for Host						
	Manufacturer	Amphenol	Peak gain(dBi)	LTE Band 48 : 0.98		
Main Antenna	Part number	TKF436-16-000-R	Туре	PIFA		
wani Antenna	Manufacturer	AWAN	Peak gain(dBi)	LTE Band 48 : 0.99		
	Part number	AYL6Y-200006	Туре	PIFA		

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

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard			
Tx Frequency 3552.5 MHz ~ 3697.5 MHz			
Rx Frequency	3552.5 MHz ~ 3697.5 MHz		
Bandwidth	5 MHz / 10 MHz / 15 MHz / 20 MHz		
Maximum Output Power to Antenna	21.73 dBm		
Type of Modulation	QPSK / 16QAM / 64QAM		

1.3 Modification of EUT

No modifications made to the EUT during the testing.

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1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333		
Toot Site No	Sporton Site No.		
Test Site No.	TH03-HY		
Test Engineer	Diego Huang		
Temperature (°C)	22.3~23.6		
Relative Humidity (%)	50.2~51.7		

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Test Site	Sporton International Inc. Wensan Laboratory.		
Took Cita Lagation	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,		
Test Site Location	Taoyuan City 333010		
Test Site No.	Sporton Site No.		
rest Site No.	03CH11-HY (TAF Code: 3786)		
Test Engineer	Yuan Lee and Sam Chou		
Temperature (°C)	20.1~21.6		
Relative Humidity (%)	56.1~65.6		
Remark	The Radiated Spurious Emission test item subcontracted to Sporton		
Remark	International Inc. Wensan Laboratory.		

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

FCC Designation No.: TW1190 and TW3786

1.5 Applied Standards

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

- + ANSI C63.26-2015
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 96
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01

Remark:

- 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.

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Test Configuration of Equipment Under Test 2

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.

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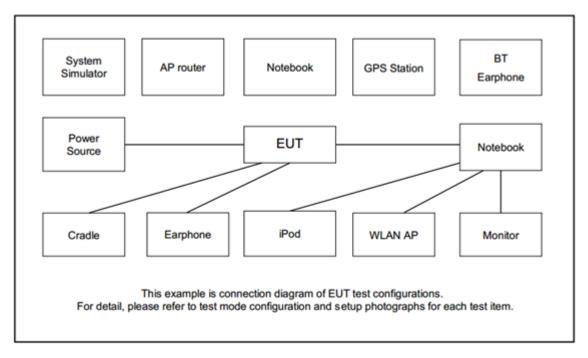
Modulation Type	Modulation
А	QPSK
В	16QAM
С	64QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C	All	1, Half, Full	L, M, H
EIRP	A, B, C	All	1, Half, Full	L, M, H
RSE	А	10 MHz or less	1RB	L, M, H

Remark:

- 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 were verified. It is determined that the adapter mode is the worst case for the official test.
- All the radiated test cases were performed with Sample 1.

2.2 Connection Diagram of Test System



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2.3 Support Unit used in test configuration

Iter	n 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.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0m	N/A

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2.4 Frequency List of Low/Middle/High Channels

	LTE Band 48 Channel and Frequency List											
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest								
20	Channel	55340	55990	56640								
20	Frequency	3560.0	3625	3690								
,_	Channel	55315	55990	56665								
15	Frequency	3557.5	3625	3692.5								
40	Channel	55290	55990	56690								
10	Frequency	3555.0	3625	3695								
E	Channel	55265	55990	56715								
5	Frequency	3552.5	3625	3697.5								

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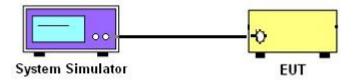
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



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3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

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3.2 Conducted Output Power

3.2.1 Description of the Conducted Output Power 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.

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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.

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3.3 EIRP

3.3.1 Description of the EIRP Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for LTE Band 48.

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The testing follows ANSI C63.26-2015 Section 5.2.5.5

According to KDB 412172 D01 Power Approach,

EIRP = PT + GT - LC, where

PT = transmitter output power in dBm

GT = gain of the transmitting antenna in dBi

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

Device	Maximum EIRP	Maximum PSD
Device	(dBm/10 MHz)	(dBm/MHz)
End User Device	23	n/a

Remark: Total channel power is complied with EIRP limit 23dBm/10MHz.

3.3.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.

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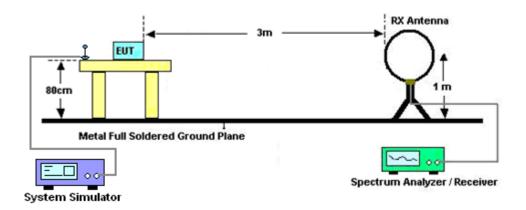
Radiated Test Items 4

4.1 Measuring Instruments

See list of measuring instruments of this test report.

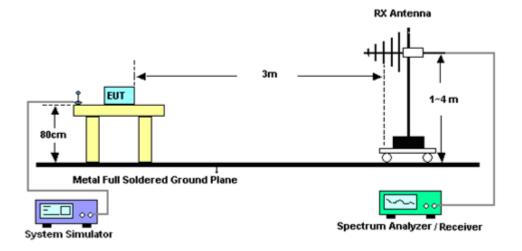
4.2 Test Setup

For radiated emissions below 30MHz



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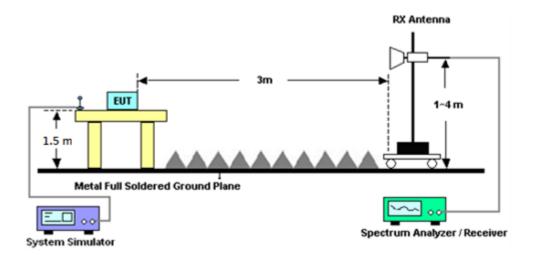
For radiated emissions from 30MHz to 1GHz



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For radiated test from 1GHz to 18GHz

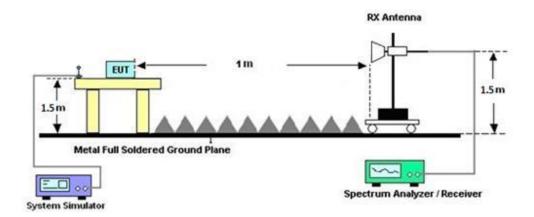


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For radiated test above 18GHz



4.3 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.

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4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E.

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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 -40dBm / MHz.

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

4.4.2 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 height for frequency below 1GHz and 1.5 meter height for frequency above 1GHz respectively above ground.
- 2. The EUT was set 3 meters from the receiving antenna mounted on the antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 4. The height of the receiving antenna is varied between 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
- 5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
- To convert spectrum reading E(dBuV/m) to EIRP(dBm)
 EIRP(dBm) = Level (dBuV/m) + 20log(d) -104.77, where d is the distance at which filed strength limit is specified in the rules.
- 7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level Preamp Factor.
- 8. ERP (dBm) = EIRP (dBm) 2.15
- 9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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List of Measuring Equipment 5

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 28, 2023	Oct. 11, 2023~ Oct. 17, 2023	Feb. 27, 2024	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 07, 2023	Oct. 11, 2023~ Oct. 17, 2023	Oct. 06, 2024	Radiation (03CH11-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-01620	1GHz~18GHz	Aug. 17, 2023	Oct. 11, 2023~ Oct. 17, 2023	Aug. 16, 2024	Radiation (03CH11-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2022	Oct. 11, 2023~ Oct. 17, 2023	Nov. 23, 2023	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 09, 2022	Oct. 11, 2023~ Oct. 17, 2023	Dec. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Keysight	83017A	MY53270080	1GHz~26.5GHz	Nov. 09, 2022	Oct. 11, 2023~ Oct. 17, 2023	Nov. 08, 2023	Radiation (03CH11-HY)
Preamplifier	Jet-Power	JPA0118-55-303	17100018000 55007	1GHz~18GHz	Jun. 14, 2023	Oct. 11, 2023~ Oct. 17, 2023	Jun. 13, 2024	Radiation (03CH11-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Oct. 11, 2023~ Oct. 17, 2023	Dec. 06, 2023	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170278	10Hz~44GHz	Aug. 31, 2023	Oct. 11, 2023~ Oct. 17, 2023	Aug. 30, 2024	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Oct. 11, 2023~ Oct. 17, 2023	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Oct. 11, 2023~ Oct. 17, 2023	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Oct. 11, 2023~ Oct. 17, 2023	N/A	Radiation (03CH11-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Oct. 11, 2023~ Oct. 17, 2023	N/A	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz~40GHz	Mar. 07, 2023	Oct. 11, 2023~ Oct. 17, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801595/2	30MHz~40GHz	Mar. 07, 2023	Oct. 11, 2023~ Oct. 17, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Oct. 11, 2023~ Oct. 17, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	30M~40G	Mar. 07, 2023	Oct. 11, 2023~ Oct. 17, 2023	Mar. 06, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-2700-30 00-18000-60SS	SN3	3GHz High Pass Filter	Sep. 11, 2023	Oct. 11, 2023~ Oct. 17, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX12-900-100 0-15000-60SS	SN12	1GHz High Pass Filter	Sep. 11, 2023	Oct. 11, 2023~ Oct. 17, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Filter	Wainwright	WHKX8-5872.5-6 750-18000-40SS	SN3	6.75GHz High Pass Filter	Sep. 11, 2023	Oct. 11, 2023~ Oct. 17, 2023	Sep. 10, 2024	Radiation (03CH11-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC DLCA/ULCA	Sep. 23, 2023	Nov. 01, 2023~ Nov. 02, 2023	Sep. 22, 2024	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Nov. 01, 2023~ Nov. 02, 2023	Jan. 05, 2024	Conducted (TH03-HY)

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6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of	3.22 dB
Confidence of 95% (U = 2Uc(y))	3.22 UB

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

	-
Measuring Uncertainty for a Level of	3.53 dB
Confidence of 95% (U = 2Uc(y))	3.33 UB

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

Measuring Uncertainty for a Level of	2 C4 AD
Confidence of 95% (U = 2Uc(y))	3.61 dB

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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & EIRP)

	LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.99 dB)												
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)					
20	1	0		21.47	21.68	21.73							
20	1	49		21.39	21.59	21.68							
20	1	99		21.31	21.54	21.56							
20	50	0	QPSK	20.43	20.62	20.72	22.72	0.1871					
20	50	24		20.39	20.59	20.66							
20	50	50		20.27	20.46	20.48							
20	100	0		20.29	20.50	20.56							
20	1	0		20.48	20.70	20.81		0.1514					
20	1	49		20.47	20.69	20.77	21.80						
20	1	99		20.42	20.63	20.60							
20	50	0	16-QAM	19.34	19.58	19.66							
20	50	24		19.52	19.75	19.79							
20	50	50		19.31	19.48	19.53							
20	100	0		19.32	19.53	19.57							
20	1	0		19.22	19.48	19.58							
20	1	49		19.24	19.47	19.52							
20	1	99		19.16	19.42	19.39							
20	50	0	64-QAM	18.35	18.57	18.65	20.57	0.1140					
20	50	24		18.51	18.73	18.79							
20	50	50		18.28	18.49	18.51							
20	100	0		18.32	18.55	18.59							
Limit	EIRP	< 23dBm/10	OMHz		Result		Pa	ISS					

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Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



	LTE E	Band 48 M	aximum A	verage Po	wer [dBm]	(GT - LC =	= 0.99 dB)	
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0		21.32	21.61	21.66		
15	1	37		21.29	21.60	21.56		
15	1	74		21.32	21.52	21.58		
15	36	0	QPSK	20.37	20.62	20.66	22.65	0.1841
15	36	20		20.47	20.70	20.76		
15	36	39		20.30	20.54	20.59		
15	75	0		20.38	20.61	20.65		
15	1	0		20.42	20.71	20.79		0.1507
15	1	37		20.44	20.68	20.67	21.78	
15	1	74		20.43	20.62	20.68		
15	36	0	16-QAM	19.35	19.59	19.66		
15	36	20		19.47	19.68	19.74		
15	36	39		19.31	19.51	19.57		
15	75	0		19.38	19.63	19.69		
15	1	0		19.19	19.46	19.55		
15	1	37		19.25	19.49	19.48		
15	1	74		19.22	19.44	19.40		
15	36	0	64-QAM	18.37	18.63	18.68	20.54	0.1132
15	36	20		18.50	18.72	18.77		
15	36	39		18.31	18.58	18.59		
15	75	0		18.39	18.64	18.67		
Limit	EIRP	< 23dBm/10	OMHz		Result			ISS

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Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



	LTE I	Band 48 M	aximum A	verage Po	wer [dBm]	(GT - LC =	= 0.99 dB)	
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0		21.09	21.43	21.41		
10	1	25		21.19	21.45	21.53		
10	1	49		21.08	21.32	21.39]	
10	25	0	QPSK	20.05	20.30	20.36	22.52	0.1786
10	25	12		20.26	20.52	20.56]	
10	25	25		20.00	20.25	20.30		
10	50	0		20.05	20.31	20.36		
10	1	0	20.26 20.52 20.59					
10	1	25		20.27	20.54	20.64	21.63	0.1455
10	1	49		20.20	20.41	20.41		
10	25	0	16-QAM	19.08	19.31	19.39		
10	25	12		19.31	19.55	19.58		
10	25	25		19.02	19.30	19.33		
10	50	0		19.08	19.33	19.39		
10	1	0		19.01	19.31	19.35		
10	1	25		19.06	19.36	19.36		
10	1	49		18.90	19.14	19.23		
10	25	0	64-QAM	18.11	18.37	18.43	20.35	0.1084
10	25	12		18.32	18.57	18.64		
10	25	25		18.07	18.31	18.36		
10	50	0		18.05	18.31	18.38		
Limit	EIRP	< 23dBm/10	OMHz		Result			ISS

Report No. : FG390523-02C

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



	LTE E	Band 48 M	aximum A	verage Po	wer [dBm]	(GT - LC =	= 0.99 dB)	
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0		21.15	21.43	21.44		
5	1	12		21.34	21.63	21.65		
5	1	24		21.10	21.34	21.35		
5	12	0	QPSK	20.40	20.68	20.68	22.64	0.1837
5	12	7		20.47	20.67	20.78		
5	12	13		20.35	20.62	20.63		
5	25	0		20.36	20.62	20.64		
5	1	0		20.18	20.49	20.54		0.1486
5	1	12		20.42	20.70	20.73	21.72	
5	1	24		20.17	20.44	20.45		
5	12	0	16-QAM	19.35	19.66	19.66		
5	12	7		19.47	19.67	19.76		
5	12	13		19.34	19.56	19.61		
5	25	0		19.40	19.63	19.72		
5	1	0		18.99	19.29	19.34		
5	1	12		19.16	19.49	19.50		
5	1	24		18.94	19.20	19.25		
5	12	0	64-QAM	18.42	18.71	18.72	20.49	0.1119
5	12	7		18.51	18.71	18.81		
5	12	13		18.37	18.66	18.67		
5	25	0		18.45	18.67	18.74		
Limit	EIRP	< 23dBm/10)MHz		Result	_	Pa	ISS

Report No. : FG390523-02C

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Appendix B. Test Results of Radiated Test

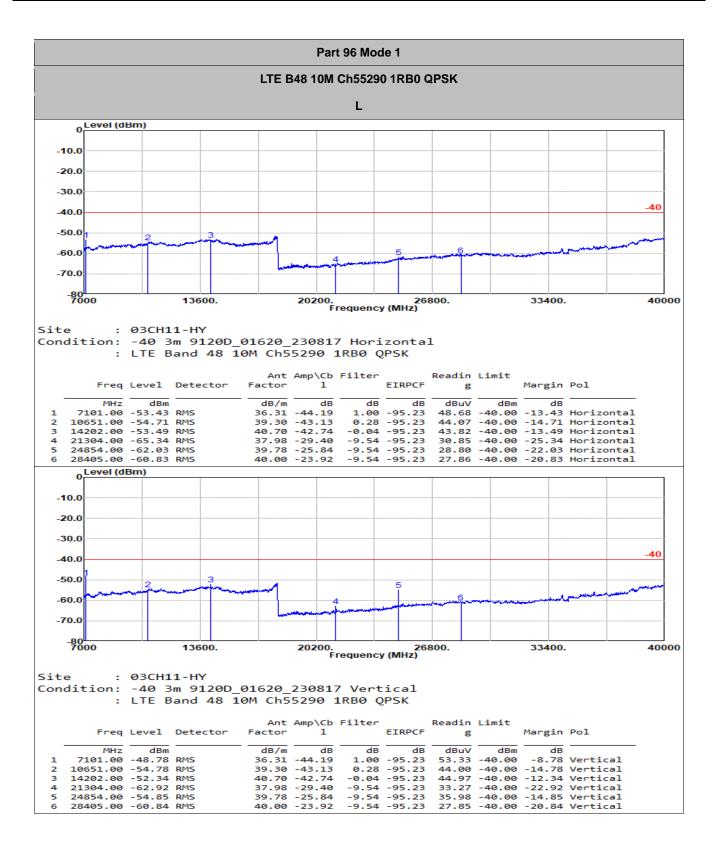
B1. Summary of each worse mode

Part	Mode	Ch	Freq (MHz)	Level (dBm)	Detector	Ant Factor (dB/m)	Amp\CbI (dB)	Filter (dB)	EIRP CF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
96	1	М	7241.000	-44.79	RMS	36.88	-44.32	0.96	-95.23	56.92	-40.00	-4.79	V	0

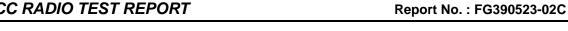
Report No.: FG390523-02C

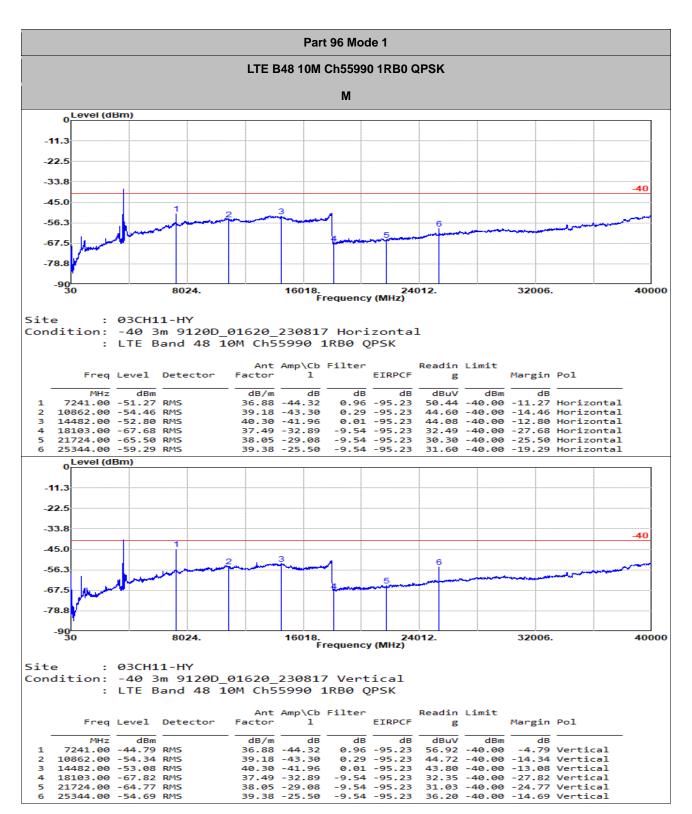
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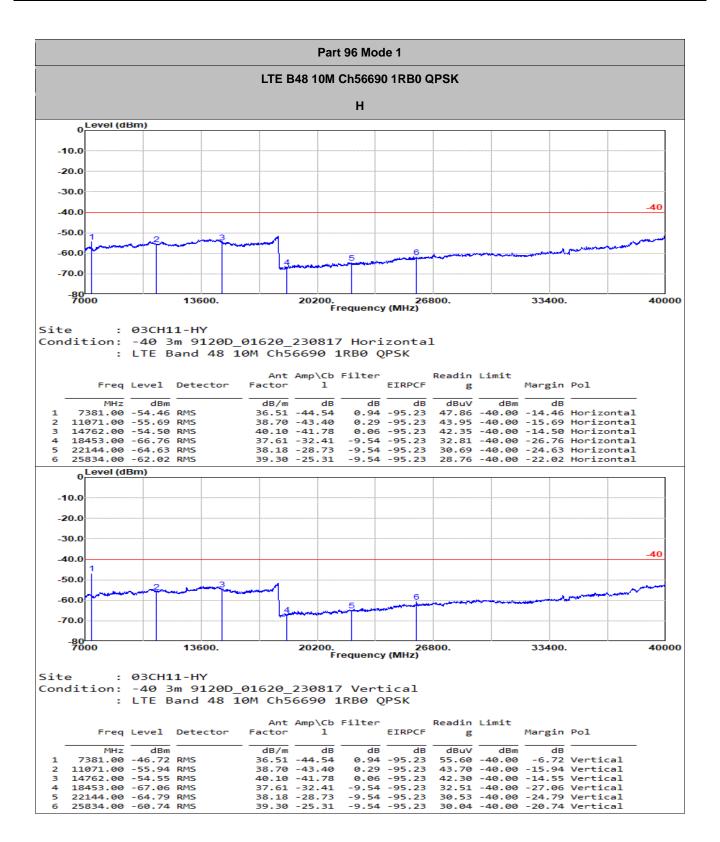
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