FCC RADIO TEST REPORT

FCC ID	:	**ZMOL860GL16LL**
Equipment	:	**LTE Module**
Brand Name	:	**Fibocom Wireless Inc.**
Model Name	:	**L860-GL-16**
Applicant	:	**Fibocom Wireless Inc.** **1101,Tower A, Building 6, Shenzhen International, Innovation Valley, Dashi 1st Rd, Nanshan, ShenZhen, China**
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, and 90(S)**

Equipment: Fibocom L860-GL-16 tested inside of Lenovo Notebook Computer.

The product was received on Sep. 07, 2021 and testing was started from Sep. 17, 2021 and completed on Sep. 28, 2021. 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 of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FG190338E	01	Initial issue of report	Oct. 25, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 §90.635	Conducted Output Power and Effective Radiated Power	Pass	-
-	-	Peak-to-Average Ratio	-	See Note
-	§2.1049 §90.209	Occupied Bandwidth and 26dB Bandwidth	-	See Note
-	§2.1051 §90.691	Emission masks – In-band emissions	-	See Note
-	§2.1051 §90.691	Emission masks – Out of band emissions	-	See Note
-	§2.1055 §90.213	Frequency Stability for Temperature & Voltage	-	See Note
3.3	§2.1053 §90.691	Field Strength of Spurious Radiation	Pass	Under limit 38.76 dB at 2456.000 MHz

Note:

1. The module (Model: L860-GL-16) makes no difference after verifying output power, this report reuses test data from the module report.
2. Conducted power was verified to be consistent with the original modular approval, so the output power level in the original modular grant is referenced in this report for determining ERP of this host product.

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sheng Kuo

Report Producer: Celery Wei

1 General Description

1.1 Feature of Equipment Under Test

Product Feature	
Equipment	LTE Module
Brand Name	Fibocom Wireless Inc.
Model Name	L860-GL-16
FCC ID	ZMOL860GL16LL
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
EUT supports Radios application	WCDMA/HSPA/LTE/GNSS
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer.
2. Equipment: Fibocom L860-GL-16 tested inside of Lenovo Notebook Computer.

The product was installed into Notebook Computer (Brand Name: Lenovo, Model Name: TP00129B, and the host information was recorded in the following table.

Host Information	
Host 1	Host with Amphenol Antenna
Host 2	Host with Novocomms/JYT Antenna

WWAN Antenna Information				
Main Antenna	**Manufacturer**	Amphenol	**Peak gain (dBi)**	-0.12
	Part number	TKC116-16-000-C	**Type**	PIFA
	Manufacturer	Novocomms/JYT	**Peak gain (dBi)**	0.67
	Part number	JYAAE0150HR	**Type**	PIFA

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.
2. All test items were performed with Novocomms/JYT Antenna.

1.2 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx Frequency	814.7 ~ 823.3 MHz
Rx Frequency	859.7 ~ 868.3 MHz
Bandwidth	1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz
Maximum Output Power to Antenna	22.93 dBm
Type of Modulation	QPSK / 16QAM / 64QAM

1.3 Modification of EUT

No modifications are made to the EUT during all test items.

1.4 Testing Site

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan	
Test Site No.	Sporton Site No.	
	TH03-HY	03CH07-HY
Test Engineer	Benjamin Lin	Jesse Wang and Stan Hsieh
Temperature	23.5~25℃	22.6~25.8℃
Relative Humidity	49.4~52%	48.9~53.6%

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

FCC Designation No.: TW1190

1.5 Applied Standards

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

- FCC 47 CFR Part 2, 90
- ANSI / TIA-603-E
- ANSI C63.26-2015
- 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
- Interim Guidance for Equipment Authorization of Devices with Channel Bandwidths Combined Across Two Contiguous Service Rule Allocations OET/Lab/EACB, June 6, 2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

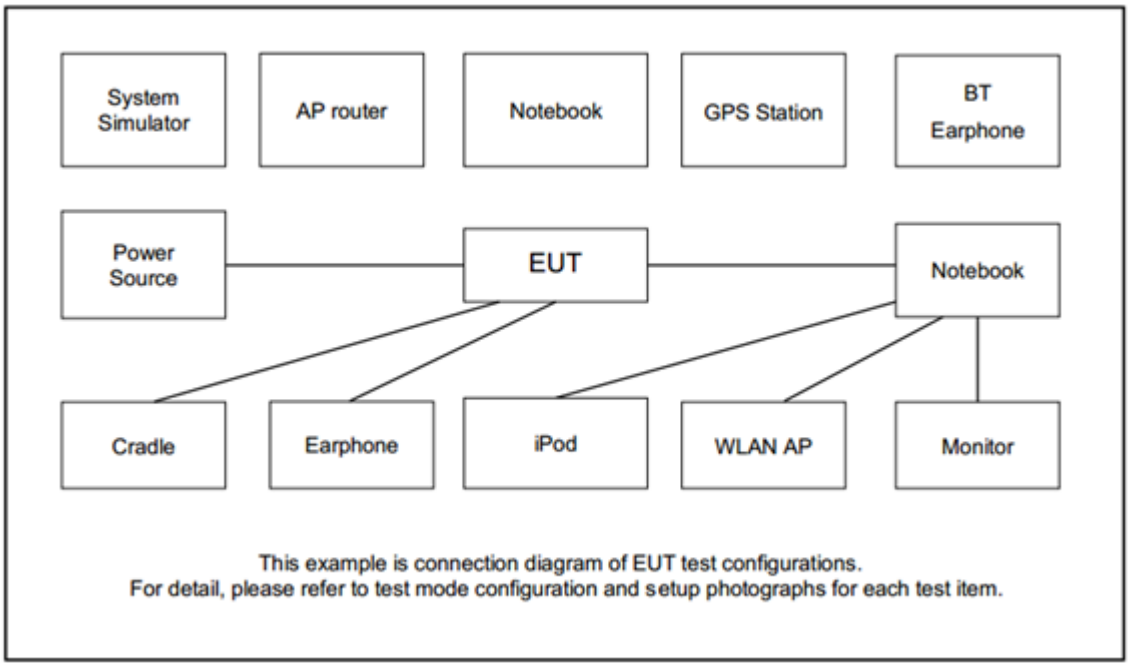
2.1 Test Mode

During all testing, EUT is in link mode with base station emulator at maximum power level.

Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

Conducted Test Cases	Band	Bandwidth (MHz)						Modulation			RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Max. Output Power	26	V	V	V	V	V	-	V	V	V	V		V	V	V	V
E.R.P.	26	V	V	V	V	V	-	V	V	V	Max. Power					
Radiated Spurious Emission	26	V		V	V		-	V			V			V	V	V
Remark	1. The mark "**V** " means that this configuration is chosen for testing 2. The mark "-" means that this bandwidth is not supported. 3. LTE Band26 transmit frequency for part22 rule is 824MHz-849MHz, for part90 rule is 814MHz-824MHz. ERP over 15MHz bandwidth complies the ERP limit line of part22 rule, therefore ERP of the partial frequency spectrum which falls within part 22 also complies. 4. All the radiated test cases were performed with Battery (L20D4P71).															

2.2 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.
For detail, please refer to test mode configuration and setup photographs for each test item.

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

2.4 Frequency List of Low/Middle/High Channels

LTE Band 26 Channel and Frequency List				
BW [MHz]	**Channel/Frequency(MHz)**	**Lowest**	**Middle**	**Highest**
15	Channel	26765	-	-
	Frequency	821.5	-	-
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

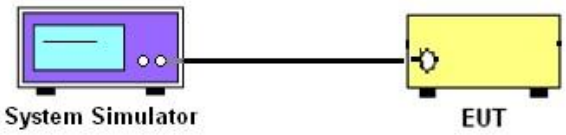
3 Conducted Test Items

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 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power Measurement and ERP Measurement

3.2.1 Description of the Conducted Output Power Measurement and ERP Measurement

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

The Conducted Output Power of mobile transmitters must not exceed 100 Watts for LTE Band 26.

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T – L_C$, 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 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 Field Strength of Spurious Radiation Measurement

3.3.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission FCC Part 90.691 on any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

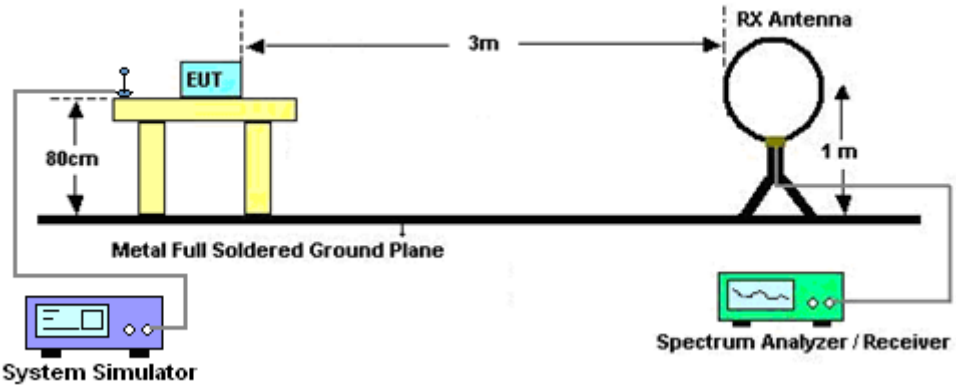
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $43+10\log_{10}(P[Watts])$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.3.2 Test Procedures

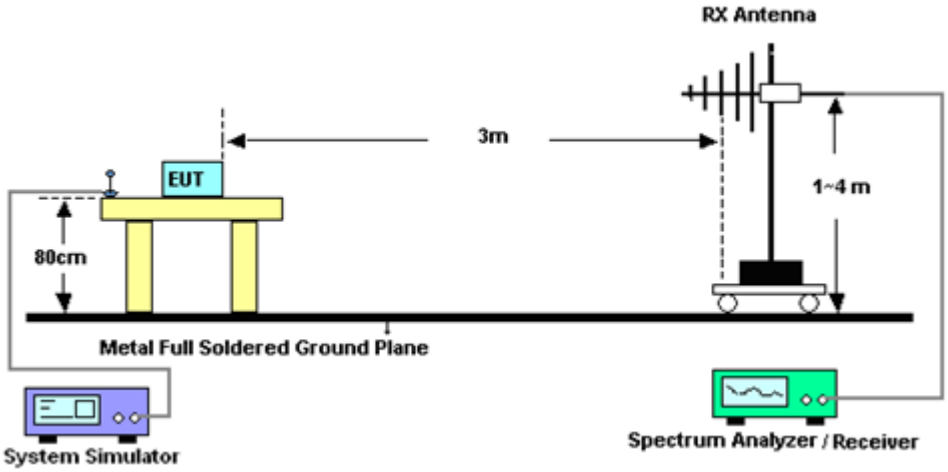
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
6. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. EIRP (dBm) = S.G. Power – Tx Cable Loss + Tx Antenna Gain
12. ERP (dBm) = EIRP - 2.15
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

3.3.3 Test Setup

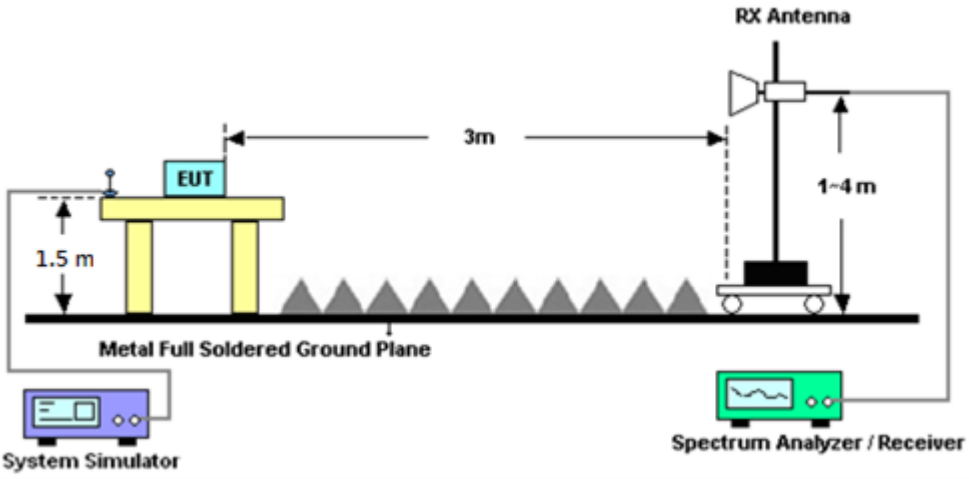
For radiated test below 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



3.3.4 Test Result of Field Strength of Spurious Radiated

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 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 28, 2021	Sep. 17, 2021~ Sep. 28, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2020	Sep. 17, 2021~ Sep. 28, 2021	Nov. 30, 2021	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 22, 2021	Sep. 17, 2021~ Sep. 28, 2021	Apr. 21, 2022	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	May 18, 2021	Sep. 17, 2021~ Sep. 28, 2021	May 17, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A023 62	1GHz~26.5GHz	Oct. 31, 2020	Sep. 17, 2021~ Sep. 28, 2021	Oct. 30, 2021	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY523502 76	3Hz~44GHz	Jul. 22, 2021	Sep. 17, 2021~ Sep. 28, 2021	Jul. 21, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682-4	30MHz to 18GHz	Feb. 24, 2021	Sep. 17, 2021~ Sep. 28, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971-4	9kHz to 18GHz	Feb. 24, 2021	Sep. 17, 2021~ Sep. 28, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655-4	9kHz to 18GHz	Feb. 24, 2021	Sep. 17, 2021~ Sep. 28, 2021	Feb. 23, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/12 6E	30MHz~18GHz	Sep. 17, 2021	Sep. 17, 2021~ Sep. 28, 2021	Sep. 16, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 03, 2021	Sep. 17, 2021~ Sep. 28, 2021	Apr. 02, 2022	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	Apr. 28, 2021	Sep. 17, 2021~ Sep. 28, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Sep. 17, 2021~ Sep. 28, 2021	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	Apr. 28, 2021	Sep. 17, 2021~ Sep. 28, 2021	Apr. 27, 2022	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Sep. 17, 2021~ Sep. 28, 2021	N/A	Radiation (03CH07-HY)
Software	Audix	E3 6.2009-8-24	N/A	N/A	N/A	Sep. 17, 2021~ Sep. 28, 2021	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB24 95	N/A	Mar. 09, 2021	Sep. 17, 2021~ Sep. 28, 2021	Mar. 08, 2022	Radiation (03CH07-HY)
Horn Antenna	EMCO	3117	00143261	1GHz~18GHz	Jan. 26, 2021	Sep. 17, 2021~ Sep. 28, 2021	Jan. 25, 2022	Radiation (03CH07-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 04, 2020	Sep. 17, 2021~ Sep. 28, 2021	Dec. 03, 2021	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Sep. 17, 2021~ Sep. 28, 2021	Jan. 03, 2022	Radiation (03CH07-HY)
Base Station (Measure)	Anritsu	MT8821C	626202534 1	N/A	Oct. 06, 2020	Sep. 17, 2021	Oct. 05, 2021	Conducted (TH03-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.16 dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.71 dB**

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP)

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0	QPSK	22.92	-	-	21.44	0.1393
15	1	74		22.69	-	-		
15	75	0		21.63	-	-		
15	1	0	16-QAM	21.96	-	-	20.48	0.1117
15	1	0	64-QAM	20.68	-	-	19.20	0.0832
Limit	Conducted power < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	22.93	-	21.45	0.1396
10	1	0	16-QAM	-	21.72	-	20.24	0.1057
10	1	0	64-QAM	-	20.89	-	19.41	0.0873
Limit	Conducted power < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	22.63	22.89	22.89	21.41	0.1384
5	1	0	16-QAM	21.86	22.36	21.85	20.88	0.1225
5	1	0	64-QAM	20.96	20.72	21.23	19.75	0.0944
Limit	Conducted power < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	22.63	22.86	22.92	21.44	0.1393
3	1	0	16-QAM	21.72	22.58	21.68	21.10	0.1288
3	1	0	64-QAM	20.78	21.63	20.69	20.15	0.1035
Limit	Conducted power < 100W			Result			Pass	

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.67 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	22.69	22.21	22.85	21.37	0.1371
1.4	1	0	16-QAM	21.85	22.36	22.18	20.88	0.1225
1.4	1	0	64-QAM	20.69	21.21	21.25	19.77	0.0948
Limit	Conducted power < 100W			Result			Pass	

Appendix B. Test Results of Radiated Test

LTE Band 26

LTE Band 26 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1628	-63.67	-13	-50.67	-75.41	-65.49	0.97	4.94	H
	2440	-51.93	-13	-38.93	-69.06	-53.73	1.27	5.22	H
	3256	-57.96	-13	-44.96	-77.12	-61.21	1.53	6.93	H
									H
									H
									H
									H
	1628	-63.58	-13	-50.58	-75.8	-65.4	0.97	4.94	V
	2440	-54.55	-13	-41.55	-72.12	-56.35	1.27	5.22	V
	3256	-57.57	-13	-44.57	-77.13	-60.82	1.53	6.93	V
									V
									V
									V
									V
Middle	1636	-63.02	-13	-50.02	-74.76	-64.82	0.97	4.92	H
	2456	-51.77	-13	-38.77	-68.95	-53.61	1.28	5.27	H
	3273	-57.95	-13	-44.95	-77.2	-61.27	1.53	7.00	H
									H
									H
									H
									H
	1636	-63.12	-13	-50.12	-75.34	-64.92	0.97	4.92	V
	2456	-53.87	-13	-40.87	-71.49	-55.71	1.28	5.27	V
	3273	-57.94	-13	-44.94	-77.56	-61.26	1.53	7.00	V
									V
									V
									V
									V

LTE Band 26 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1645	-63.07	-13	-50.07	-74.95	-64.84	0.98	4.89	H
	2472	-54.25	-13	-41.25	-71.46	-56.13	1.28	5.32	H
	3290	-57.81	-13	-44.81	-77.15	-61.2	1.54	7.08	H
									H
									H
									H
									H
	1645	-62.91	-13	-49.91	-75.26	-64.68	0.98	4.89	V
	2472	-55.05	-13	-42.05	-72.7	-56.93	1.28	5.32	V
	3290	-57.15	-13	-44.15	-76.82	-60.54	1.54	7.08	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1628	-63.82	-13	-50.82	-75.56	-65.64	0.97	4.94	H
	2442	-51.79	-13	-38.79	-68.92	-53.59	1.27	5.23	H
	3256	-58.17	-13	-45.17	-77.33	-61.42	1.53	6.93	H
									H
									H
									H
									H
	1628	-63.34	-13	-50.34	-75.56	-65.16	0.97	4.94	V
	2442	-53.05	-13	-40.05	-70.62	-54.85	1.27	5.23	V
	3256	-57.35	-13	-44.35	-76.91	-60.6	1.53	6.93	V
									V
									V
									V
									V
Middle	1632	-63.32	-13	-50.32	-75.06	-65.13	0.97	4.93	H
	2448	-52.92	-13	-39.92	-70.02	-54.74	1.27	5.24	H
	3266	-58.12	-13	-45.12	-77.29	-61.41	1.53	6.97	H
									H
									H
									H
									H
	1632	-63.47	-13	-50.47	-75.69	-65.28	0.97	4.93	V
	2448	-54.39	-13	-41.39	-71.93	-56.21	1.27	5.24	V
	3266	-57.70	-13	-44.70	-77.27	-60.99	1.53	6.97	V
									V
									V
									V
									V

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1638	-63.38	-13	-50.38	-75.26	-65.17	0.97	4.91	H
	2456	-51.76	-13	-38.76	-68.94	-53.6	1.28	5.27	H
	3276	-58.09	-13	-45.09	-77.34	-61.42	1.53	7.01	H
									H
									H
									H
									H
	1638	-62.96	-13	-49.96	-75.31	-64.75	0.97	4.91	V
	2456	-54.63	-13	-41.63	-72.25	-56.47	1.28	5.27	V
	3276	-57.60	-13	-44.60	-77.22	-60.93	1.53	7.01	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1628	-63.99	-13	-50.99	-75.73	-65.81	0.97	4.94	H
	2448	-52.34	-13	-39.34	-69.44	-54.16	1.27	5.24	H
	3256	-57.89	-13	-44.89	-77.05	-61.14	1.53	6.93	H
									H
									H
									H
									H
	1628	-63.43	-13	-50.43	-75.65	-65.25	0.97	4.94	V
	2448	-54.75	-13	-41.75	-72.29	-56.57	1.27	5.24	V
	3256	-57.65	-13	-44.65	-77.21	-60.9	1.53	6.93	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.