FCC RF Test Report

APPLICANT : Fibocom Wireless Inc.

EQUIPMENT : LTE Module
BRAND NAME : Fibocom
MODEL NAME : L860-GL-16

FCC ID : ZMOL860GL16

STANDARD : 47 CFR Part 2, and 90(S)

CLASSIFICATION : PCS Licensed Transmitter (PCB)

The product was received on Oct. 30, 2020 and completely tested on Feb. 04, 2021. We, Sporton International (Kunshan) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (Kunshan) Inc., the test report shall not be reproduced except in full.

Reviewed by: Jason Jia / Supervisor

JasonJia

Approved by: James Huang / Manager

Sporton International (Kunshan) Inc.

No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 1 of 21
Report Issued Date : Feb. 07, 2021

Report No.: FW0O3022

Report Version : Rev. 01
Report Template No.: BU5-FWLTE Version 2.0

TABLE OF CONTENTS

RE	VISIO	N HISTORY	3
SU	MMA	RY OF TEST RESULT	4
1	GEN	ERAL DESCRIPTION	5
	1.1	Applicant	5
	1.2	Manufacturer	5
	1.3	Feature of Equipment Under Test	5
	1.4	Product Specification of Equipment Under Test	5
	1.5	Modification of EUT	5
	1.6	Maximum Conducted Power, Frequency Tolerance and Emission Designator	6
	1.7	Testing Site	
	1.8	Test Software	
	1.9	Applied Standards	7
2	TES	T CONFIGURATION OF EQUIPMENT UNDER TEST	8
	2.1	Test Mode	8
	2.2	Connection Diagram of Test System	9
	2.3	Support Unit used in test configuration and system	9
	2.4	Measurement Results Explanation Example	9
	2.5	Frequency List of Low/Middle/High Channels	10
3	TES	T RESULT	11
	3.1	Conducted Output Power Measurement	11
	3.2	99% Occupied Bandwidth and 26dB Bandwidth Measurement	12
	3.3	Emissions Mask Measurement	13
	3.4	Emissions Mask – Out Of Band Emissions Measurement	15
	3.5	Field Strength of Spurious Radiation Measurement	16
	3.6	Frequency Stability Measurement	18
4	LIST	OF MEASURING EQUIPMENT	20
5	UNC	ERTAINTY OF EVALUATION	21
۸D	DENIT	DIX A. TEST RESULTS OF CONDUCTED TEST	
AP	PEND	DIX B. TEST RESULTS OF RADIATED TEST	
ΑP	PEND	DIX C. SETUP PHOTOGRAPHS	

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 2 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report Template No.: BU5-FWLTE Version 2.0

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FW0O3022	Rev. 01	Initial issue of report	Feb. 07, 2021

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 3 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report Template No.: BU5-FWLTE Version 2.0

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	§2.1046	Conducted Output Power	Reporting only	PASS	-
3.2	§2.1049 §90.209	Occupied Bandwidth and 26dB Bandwidth	Reporting only	PASS	-
3.3	§2.1051 §90.691	Emission masks – In-band emissions	< 50+10log ₁₀ (P[Watts])	PASS	-
3.4	§2.1051 §90.691	Emission masks – Out of band emissions	< 43+10log ₁₀ (P[Watts])	PASS	-
3.5	§2.1053 §90.691	Field Strength of Spurious Radiation	< 43+10log ₁₀ (P[Watts])	PASS	Under limit 43.83 dB at 4074.00 MHz
3.6	§2.1055 §90.213	Frequency Stability for Temperature & Voltage	< 2.5 ppm	PASS	-

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.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 4 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

1 General Description

1.1 Applicant

Fibocom Wireless Inc.

1101,Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan,Shenzhen, China

Report No.: FW0O3022

1.2 Manufacturer

Fibocom Wireless Inc.

1101,Tower A, Building 6, Shenzhen International Innovation Valley, Dashi 1st Rd, Nanshan,Shenzhen, China

1.3 Feature of Equipment Under Test

	Product Feature
Equipment	LTE Module
Brand Name	Fibocom
Model Name	L860-GL-16
FCC ID	ZMOL860GL16
EUT supports Radios application	WCDMA/LTE/GNSS
HW Version	V1.3
SW Version	18601.5001.00.01.01
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Product Specification subjective to this standard								
Tx Frequency	814 ~ 824 MHz							
Rx Frequency	859 ~ 869 MHz							
Bandwidth	1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz							
Maximum Output Power to Antenna	22.93 dBm							
Antenna Gain	3.00 dBi							
Type of Modulation	QPSK / 16QAM / 64QAM							

1.5 Modification of EUT

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

 Sporton International (Kunshan) Inc.
 Page Number
 : 5 of 21

 TEL: +86-512-57900158
 Report Issued Date
 : Feb. 07, 2021

 FAX: +86-512-57900958
 Report Version
 : Rev. 01

FCC ID : ZMOL860GL16 Report Template No.: BU5-FWLTE Version 2.0

1.6 Maximum Conducted Power, Frequency Tolerance and Emission Designator

Report No.: FW0O3022

L.	TE Band 26		QPSK		16QAM			
BW (MHz)	Frequency Range (MHz)	Emission Frequency Designator (99%OBW) (ppm)		Maximum Conducted power (W)	Emission Designator (99%OBW)	Frequency Tolerance (ppm)	Maximum Conducted power (W)	
10	819.0	9M05G7D	0.0087	0.1963	9M01W7D		0.1486	

1.7 Testing Site

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.									
	No. 1098, Pengxi North	n Road, Kunshan Econom	c Development Zone							
Test Site Location	Jiangsu Province 2153	00 People's Republic of C	hina							
Test Site Location	TEL: +86-512-57900158									
	FAX: +86-512-57900958									
	Sporton Site No.	FCC Designation No.	FCC Test Firm							
Test Site No.	Sporton Site No.	1 CC Designation No.	Registration No.							
	03CH06-KS TH01-KS	CN1257	314309							

1.8 Test Software

Item	Site	Manufacturer	Name	Version	
1.	03CH06-KS	AUDIX	E3	6.2009-8-24al	

 Sporton International (Kunshan) Inc.
 Page Number
 : 6 of 21

 TEL: +86-512-57900158
 Report Issued Date
 : Feb. 07, 2021

 FAX: +86-512-57900958
 Report Version
 : Rev. 01

FCC ID : ZMOL860GL16 Report Template No.: BU5-FWLTE Version 2.0

1.9 Applied Standards

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

- 47 CFR Part 2, 90(S)
- ANSI C63.26-2015
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 971168 D02 Misc Rev Approv License Devices v02r01

Remark:

- All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 7 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

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. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

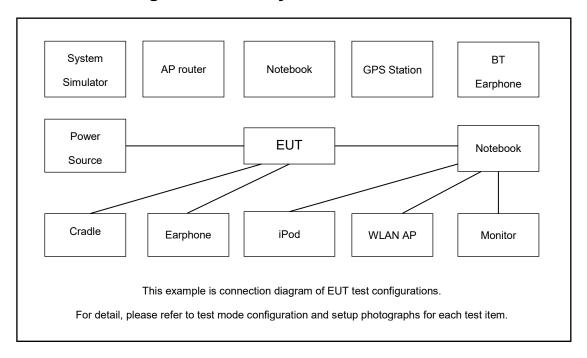
Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

			Ban	dwidt	h (MH	z)		Modulation			RB#		Test	Chan	nel	
Test Items	Band	1.4	3	5	10	15	20	QPS K	16QA M	64QA M	1	Hal f	Full	L	М	н
Max. Output Power	26	v	v	v	v	v	-	٧	٧	v	v	v	v	٧	٧	v
26dB and 99% Bandwidth	26				v		-	٧					v		٧	
Emission masks In-band emissions	26	v	v	v	v	v	-	٧	٧		٧		v	>		v
Emission masks – Out of band emissions	26	v	v	v	v	v	-	v	v		v			٧	٧	v
Frequency Stability	26				v		-	٧					v		٧	
Radiated Spurious Emission	26		Worst Case v								v					
Note	1.	 The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. 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. Based on engineering evaluation, only the worst modulation test results are shown in the report. 								-e						

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 8 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Test jig	N/A	N/A	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 between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss.

Offset = RF cable loss.

The following shows an offset computation example with RF cable loss 4.4 dB.

Example:

 $Offset(dB) = RF \ cable \ loss(dB).$

= 4.4 (dB)

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 9 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

2.5 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	-	-									
15	Frequency	821.5	-	-									
10	Channel	-	26740	-									
10	Frequency	-	819	-									
5	Channel	26715	26740	26765									
5	Frequency	816.5	819	821.5									
3	Channel	26705	26740	26775									
3	Frequency	815.5	819	822.5									
1.4	Channel	26697	26740	26783									
1.4	Frequency	814.7	819	823.3									

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 10 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report Template No.: BU5-FWLTE Version 2.0

3 Test Result

3.1 Conducted Output Power Measurement

3.1.1 Description of the Conducted Output Power 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.

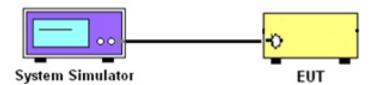
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

Please refer to Appendix A.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 11 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report Template No.: BU5-FWLTE Version 2.0

3.2 99% Occupied Bandwidth and 26dB Bandwidth Measurement

3.2.1 Description of (Occupied) Bandwidth Limitations Measurement

The 99% 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 emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

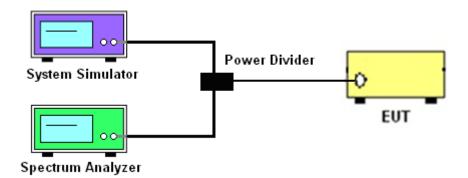
3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

- 1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
- 2. The 26dB and 99% occupied bandwidth (BW) of the middle channel for the highest RF power with full RB sizes were measured.

3.2.4 Test Setup



3.2.5 Test Result of 99% Occupied Bandwidth and 26dB Bandwidth

Please refer to Appendix A.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 12 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

3.3 Emissions Mask Measurement

3.3.1 **Description of Emissions Mask Measurement**

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

- (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 Log10(f/6.1) decibels or 50 + 10 Log10(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 + 10Log₁₀(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.

3.3.2 **Measuring Instruments**

The measuring equipment is listed in the section 4 of this test report.

3.3.3 **Test Procedures**

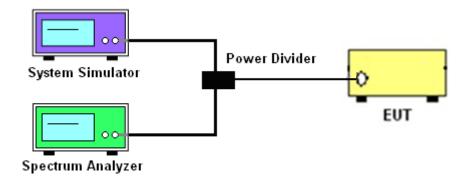
- 1. The EUT was connected to spectrum analyzer and base station via power divider.
- 2. The emissions mask of low and high channels for the highest RF powers were measured.
- 3. The measured RBW and the VBW set 3 times of RBW are then set in spectrum analyzer, and the RBW correction factor 10log (1% of OBW/measured RBW)(dB) was compensated, if required.
- 4. The test results were shown below plots with a correction offset factor including cable loss, insertion loss of power divider.

: 13 of 21 Page Number Report Issued Date: Feb. 07, 2021

Report No.: FW0O3022

Report Version : Rev. 01

3.3.4 Test Setup



3.3.5 Test Result (Plots) of Conducted Emissions Mask

Please refer to Appendix A.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 14 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

3.4 Emissions Mask – Out Of Band Emissions Measurement

3.4.1 Description of Conducted Emissions Out of band emissions measurement

The power of any emission FCC Part 90.691 (a)(2) on any frequency removed from the assigned frequency by out of the authorized bandwidth at least 43 + 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.

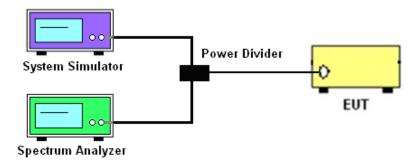
3.4.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.4.3 Test Procedures

- 1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
- 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 middle channel for the highest RF power within the transmitting frequency was measured.
- 4. The conducted spurious emission for the whole frequency range was taken.
- 5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
- 6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 7. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

3.4.4 Test Setup



3.4.5 Test Result (Plots) of Conducted Emission

Please refer to Appendix A.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 15 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report Template No.: BU5-FWLTE Version 2.0

3.5 Field Strength of Spurious Radiation Measurement

3.5.1 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.

3.5.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.5.3 Test Procedures

- 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.
- Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 8. Taking the record of output power at antenna port.
- 9. Repeat step 7 to step 8 for another polarization.
- 10. EIRP (dBm) = S.G. Power Tx Cable Loss + Tx Antenna Gain
- 11. ERP (dBm) = EIRP 2.15
- 12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 13. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

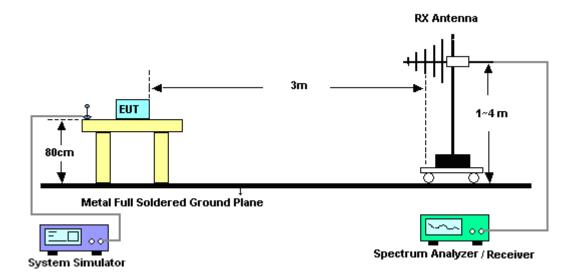
Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 16 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

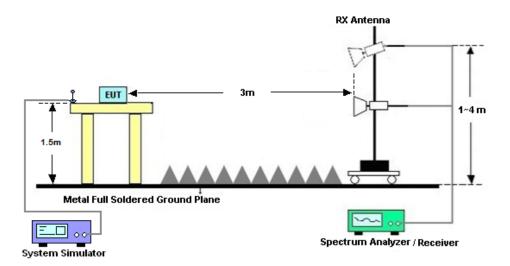
Report Template No.: BU5-FWLTE Version 2.0

3.5.4 Test Setup

For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



3.5.5 Test Result of Field Strength of Spurious Radiated

Please refer to Appendix B.

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 17 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

3.6 Frequency Stability Measurement

Description of Frequency Stability Measurement 3.6.1

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 ±0.00025% (±2.5ppm) of the center frequency according to FCC Part 90.213.

3.6.2 **Measuring Instruments**

The measuring equipment is listed in the section 4 of this test report.

3.6.3 **Test Procedures for Temperature Variation**

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

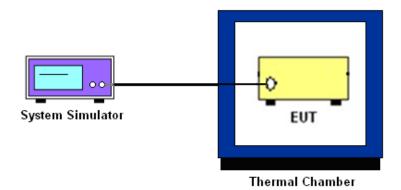
3.6.4 **Test Procedures for Voltage Variation**

- 1. The EUT was placed in a temperature chamber at 20±5°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 for other than hand carried battery equipment.
- 3. For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the
- 4. battery operating end point, which shall be specified by the manufacturer.
- 5. The variation in frequency was measured for the worst case.

: 18 of 21 Page Number Report Issued Date: Feb. 07, 2021 Report Version : Rev. 01

Report No.: FW0O3022

3.6.5 Test Setup



3.6.6 Test Result of Temperature Variation

Please refer to Appendix A.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 19 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No.: FW0O3022

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Nov. 01, 2020	Dec. 15, 2020~ Feb. 04, 2021	Oct. 31, 2021	Conducted (TH01-KS)
Temperature &hu midity chamber	Hongzhan	LP-150U	H201401144 0	-40~+150°C 20%~95%RH	Jul. 03, 2020	Dec. 15, 2020~ Feb. 04, 2021	Jul. 02, 2021	Conducted (TH01-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY5515020 8	10Hz-44GHz	Apr. 14, 2020	Jan. 10, 2021	Apr. 13, 2021	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	49921	30MHz-1GHz	May 29, 2020	Jan. 10, 2021	May 28, 2021	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 27, 2020	Jan. 10, 2021	Apr. 26, 2021	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	187289	9KHz ~1GHZ	Apr. 14, 2020	Jan. 10, 2021	Apr. 13, 2021	Radiation (03CH06-KS)
high gain Amplifier	MITEQ	AMF-7D-00 101800-30- 10P	2025788	1Ghz-18Ghz	Jan. 06, 2021	Jan. 10, 2021	Jan.05, 2022	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY5327020 3	500MHz~26.5G Hz	Apr. 15, 2020	Jan. 10, 2021	Apr. 14. 2021	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Jan. 10, 2021	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Jan. 10, 2021	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Jan. 10, 2021	NCR	Radiation (03CH06-KS)

NCR: No Calibration Required

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TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 20 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report No. : FW0O3022

5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

<u>Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)</u>

-	
Measuring Uncertainty for a Level o	f 2 EAD
Confidence of 95% (U = 2Uc(y))	2.5dB

<u>Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)</u>

Measuring Uncertainty for a Level of	2.1dB
Confidence of 95% (U = 2Uc(y))	2.100

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : 21 of 21
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Report Template No.: BU5-FWLTE Version 2.0

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power)

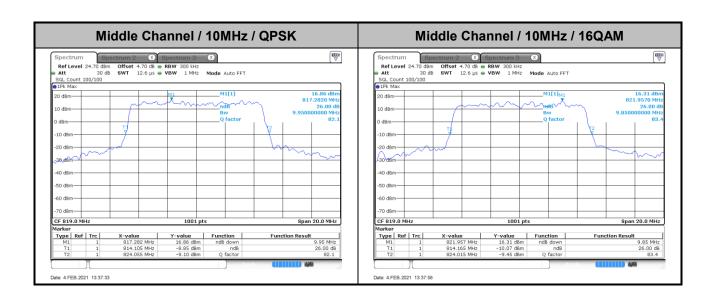
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freg.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
	Channel						
	Frequen	cy (MHz)		821.5			
15	QPSK	1	0	22.92			
15	QPSK	1	74	22.69			
15	QPSK	75	0	21.63	-	-	
15	16QAM	1	0	21.96			
15	64QAM	1	0	20.68			
	Cha	nnel			26740		
	Frequen	cy (MHz)			819		
10	QPSK	1	0		22.93		
10	16QAM	1	0	-	21.72	-	
10	64QAM	1	0		20.89		
	Cha	nnel		26715	26740	26765	
	Frequen	cy (MHz)		816.5	819	821.5	
5	QPSK	1	0	22.63	22.89	22.89	
5	16QAM	1	0	21.86	22.36	21.85	
5	64QAM	1	0	20.96	20.72	21.23	
	Cha	nnel		26705	26740	26775	
	Frequen	cy (MHz)		815.5	819	822.5	
3	QPSK	1	0	22.63	22.86	22.92	
3	16QAM	1	0	21.72	22.58	21.68	
3	64QAM	1	0	20.78	21.63	20.69	
	Channel			26697	26740	26783	
	Frequency (MHz)			814.7	819	823.3	
1.4	QPSK	1	0	22.69	22.21	22.85	
1.4	16QAM	1	0	21.85	22.36	22.18	
1.4	64QAM	1	0	20.69	21.21	21.25	

Sporton International (Kunshan) Inc.

TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A1 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

26dB Bandwidth

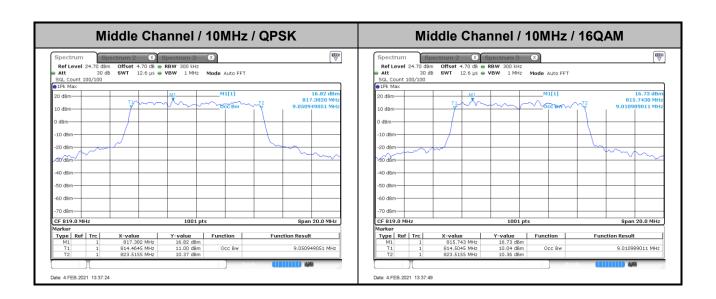
Mode	LTE Band 26 : 26dB BW(MHz)			
BW	10MHz			
Mod.	QPSK 16QAM			
Middle CH	9.95	9.85		



TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A2 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Occupied Bandwidth

Mode	LTE Band 26 : 99%OBW(MHz)			
BW	10MHz			
Mod.	QPSK 16QAM			
Middle CH	9.05	9.01		



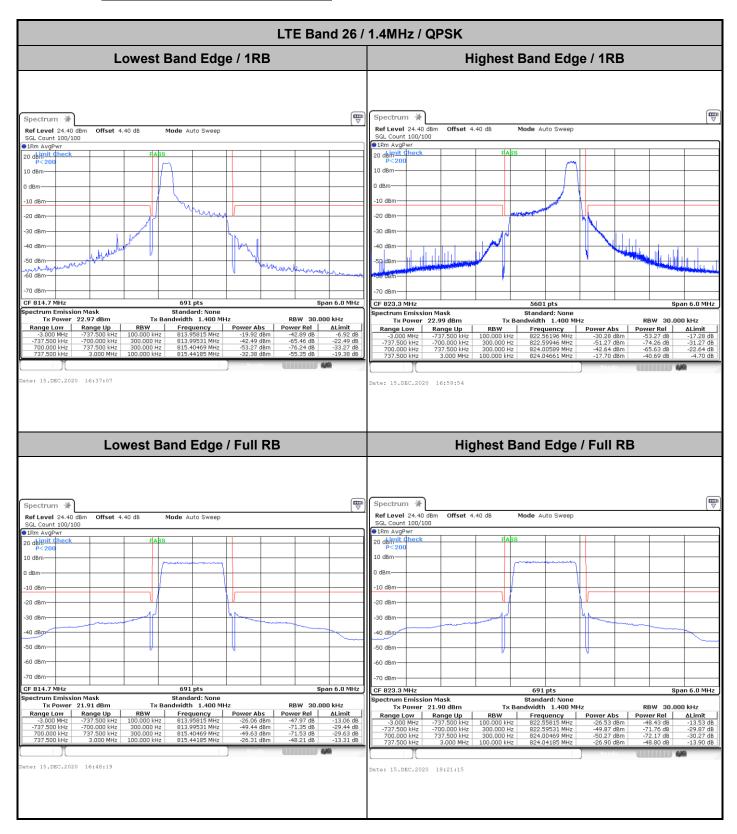
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16

Page Number : A3 of A19 Report Issued Date: Feb. 07, 2021 Report Version

Report No.: FW0O3022

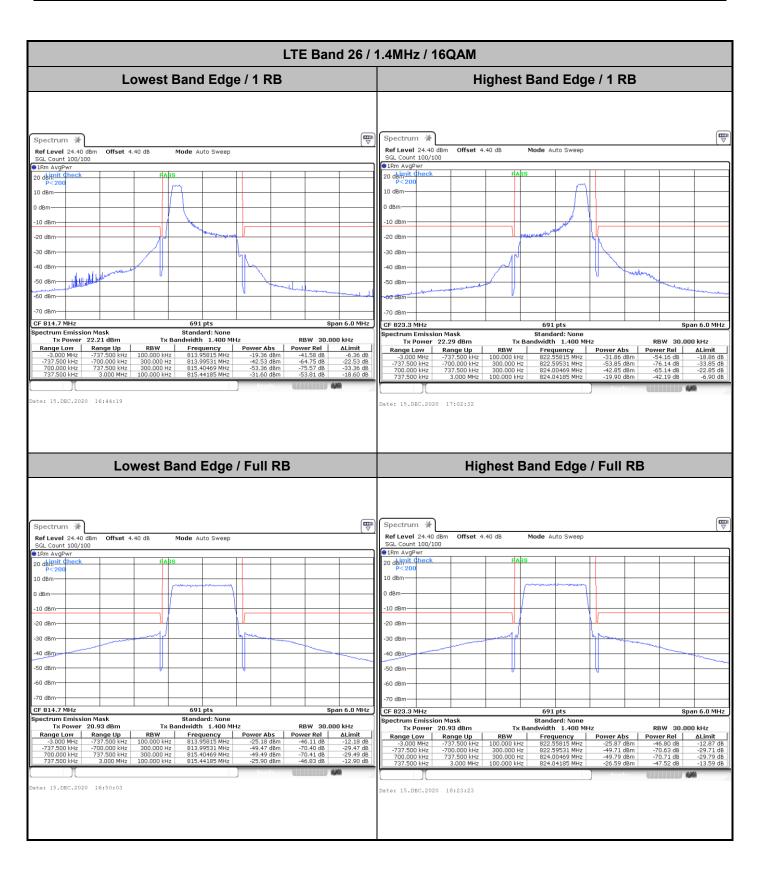
: Rev. 01

Conducted Band Edge

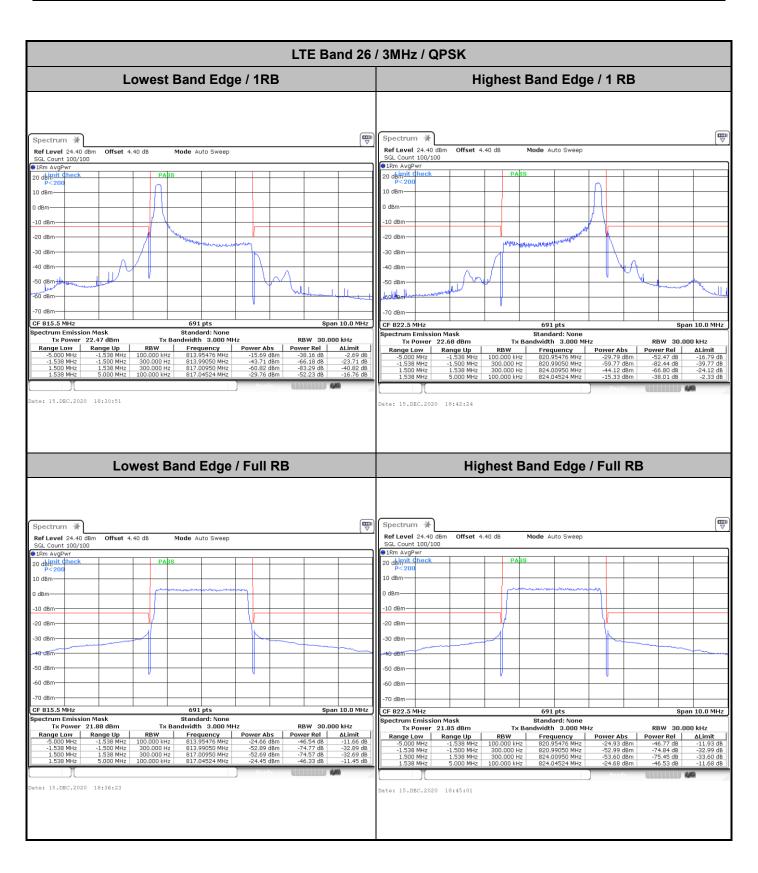


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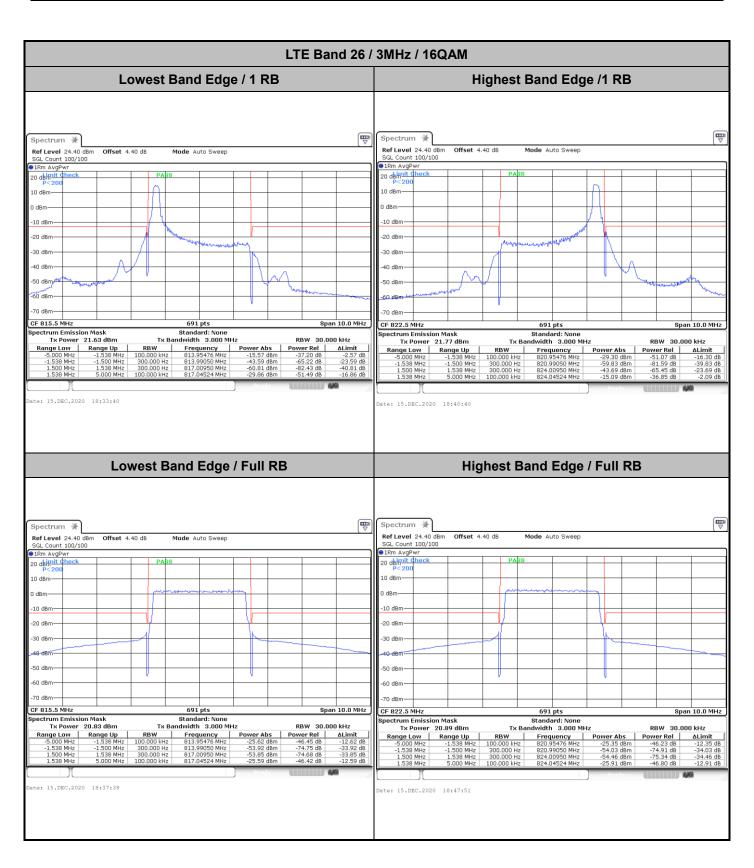
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Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



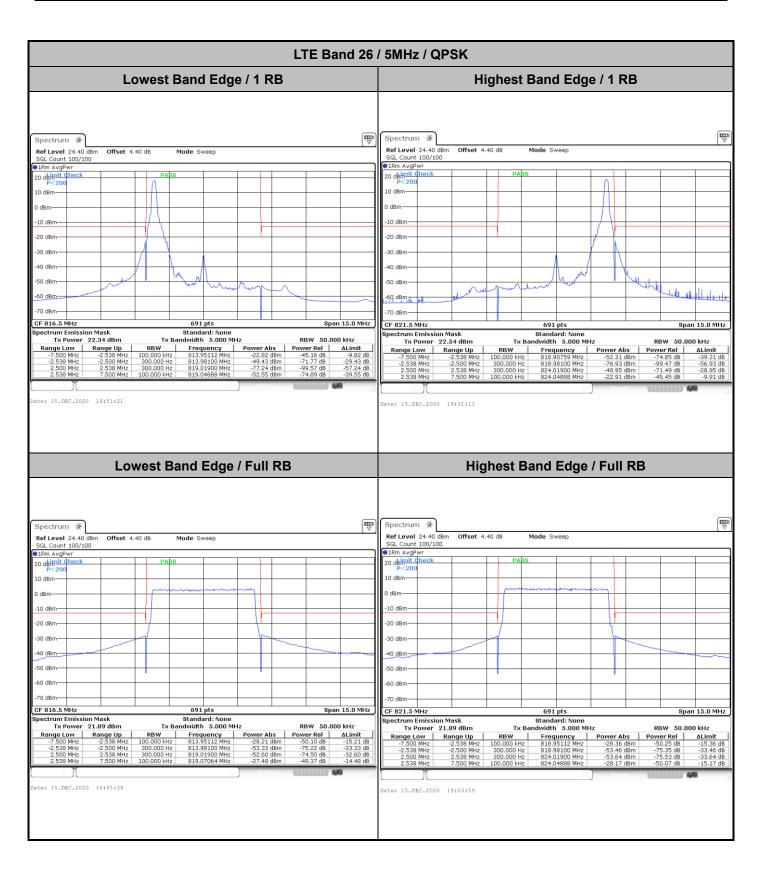
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A5 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



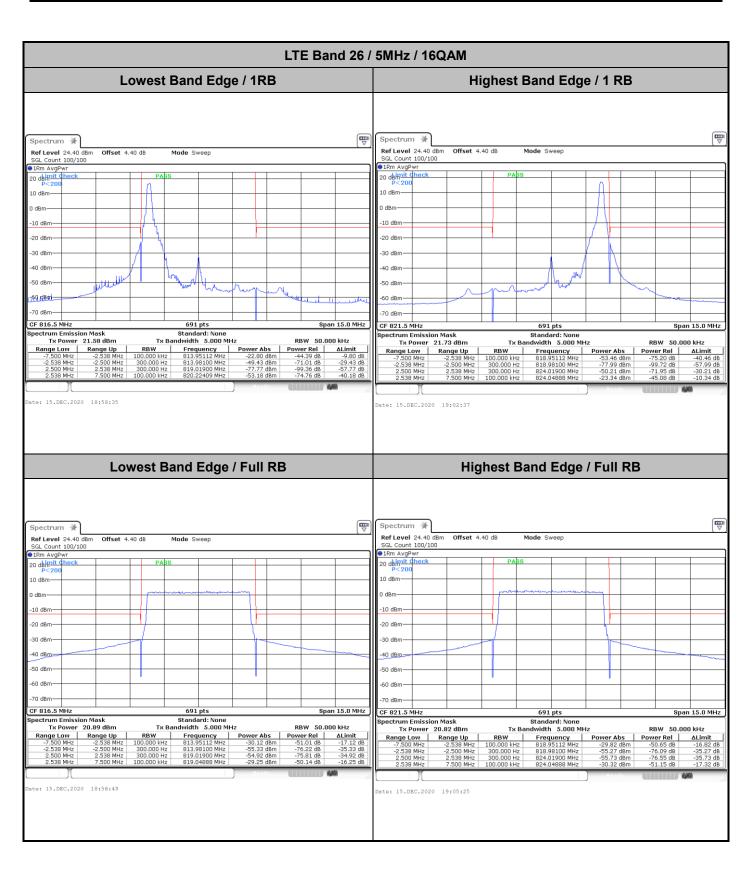
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Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



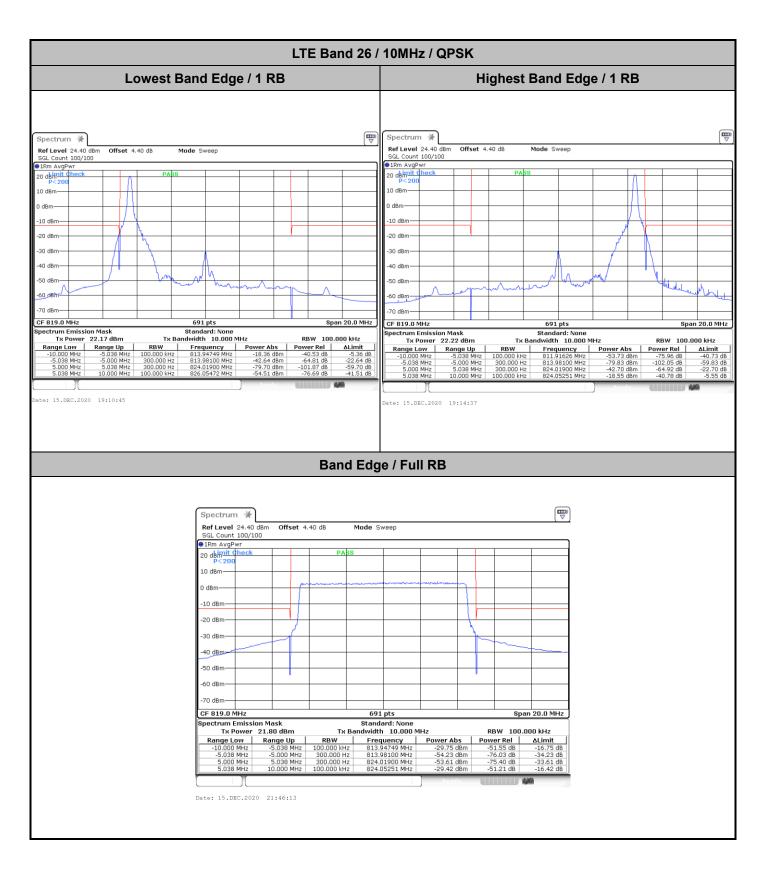
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A7 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



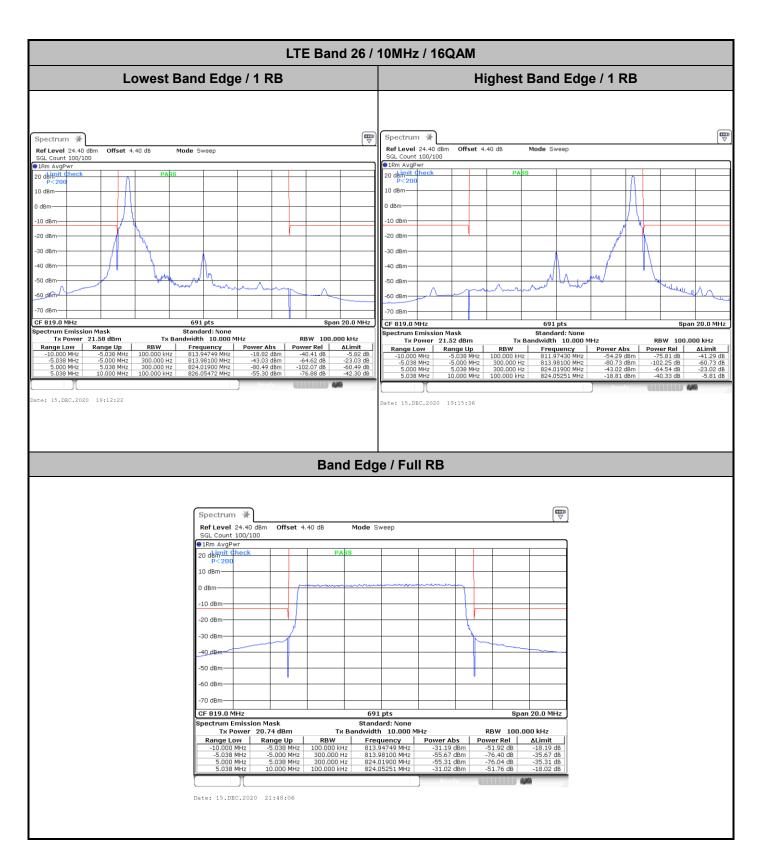
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Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



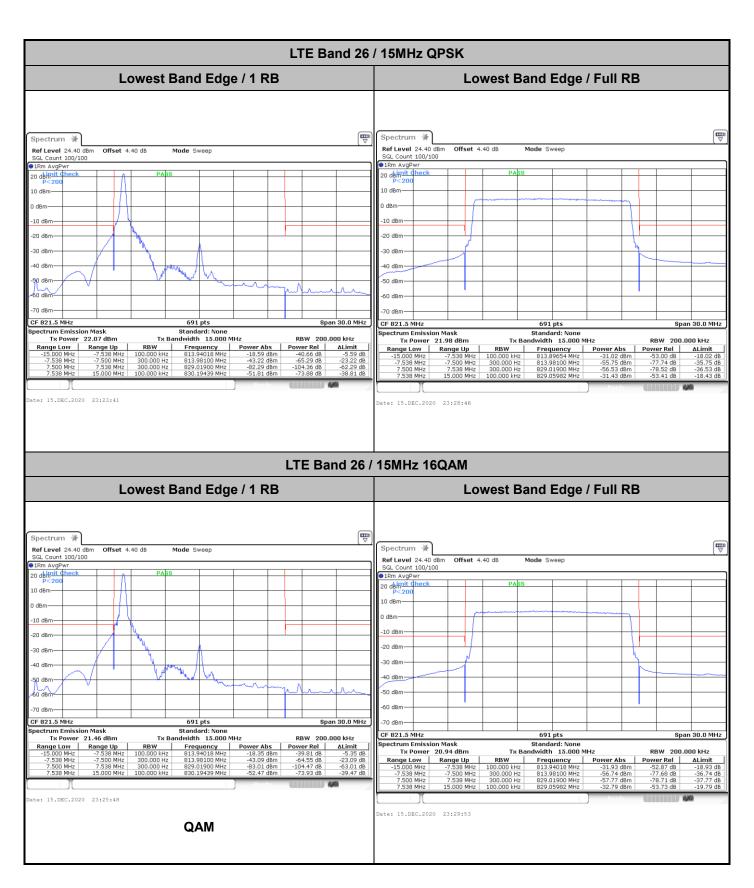
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A9 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A10 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

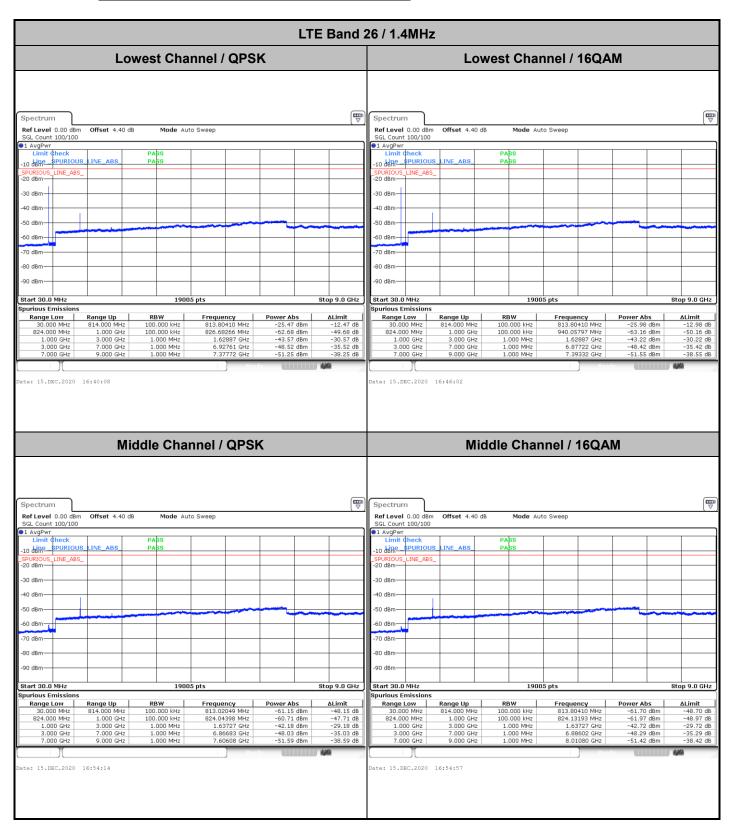


TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A11 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



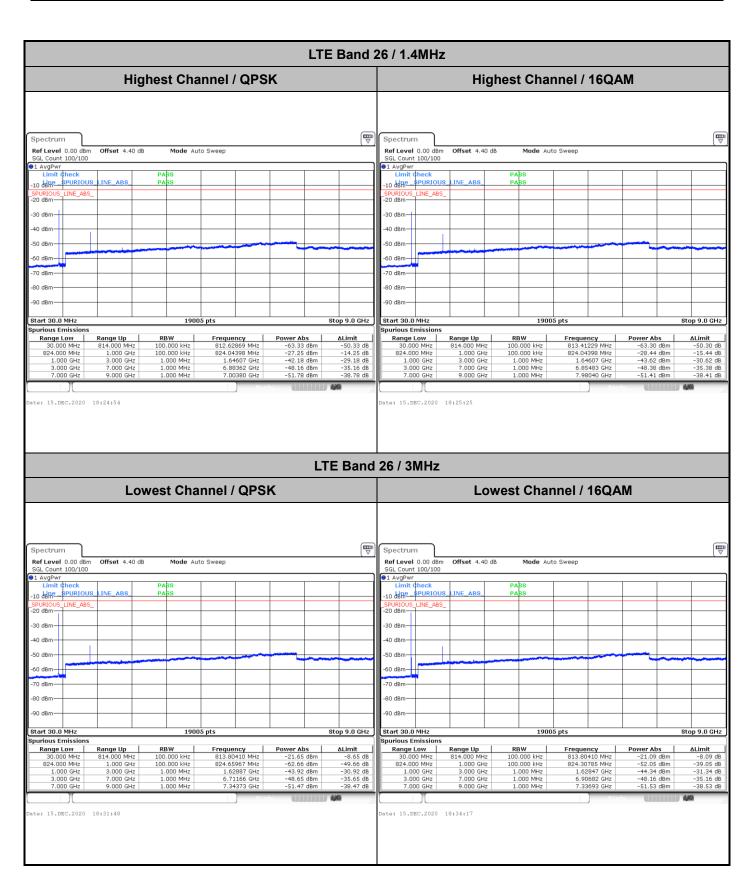
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A12 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01

Conducted Spurious Emission

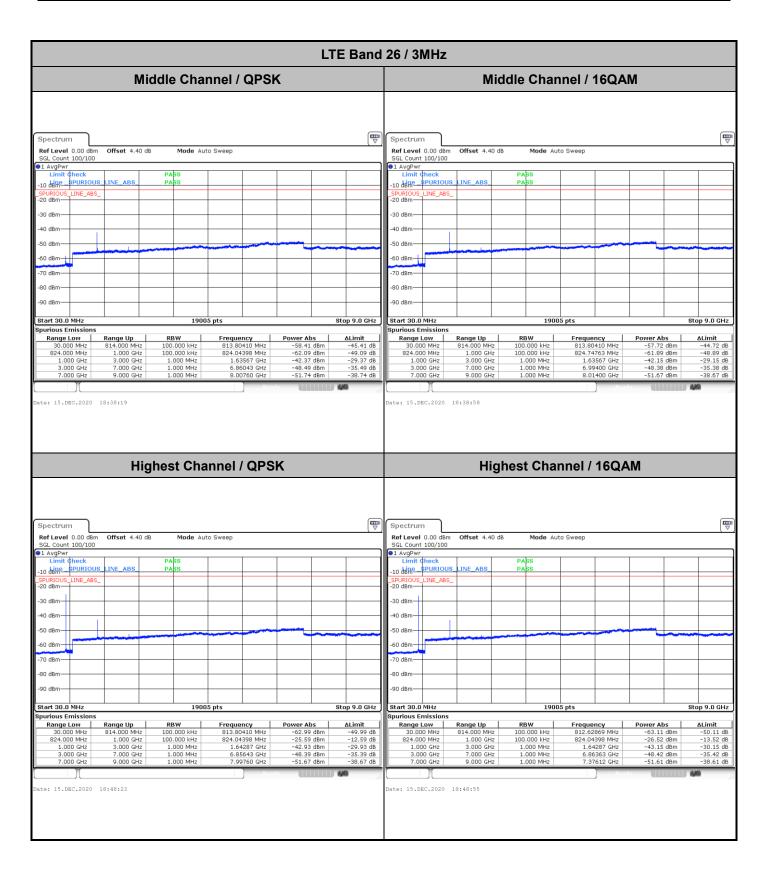


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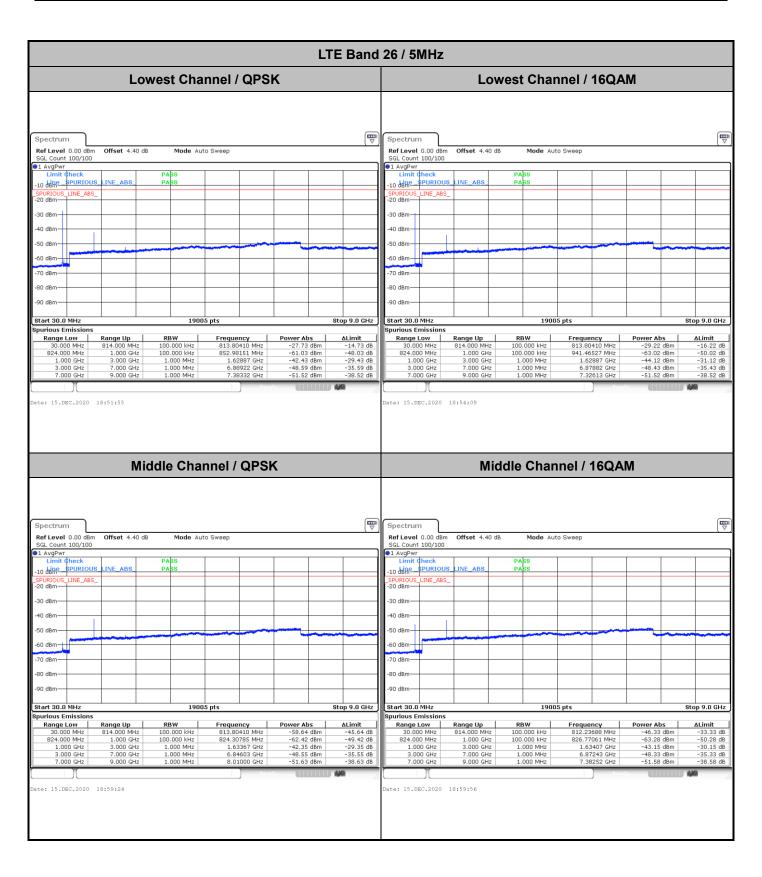
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A13 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



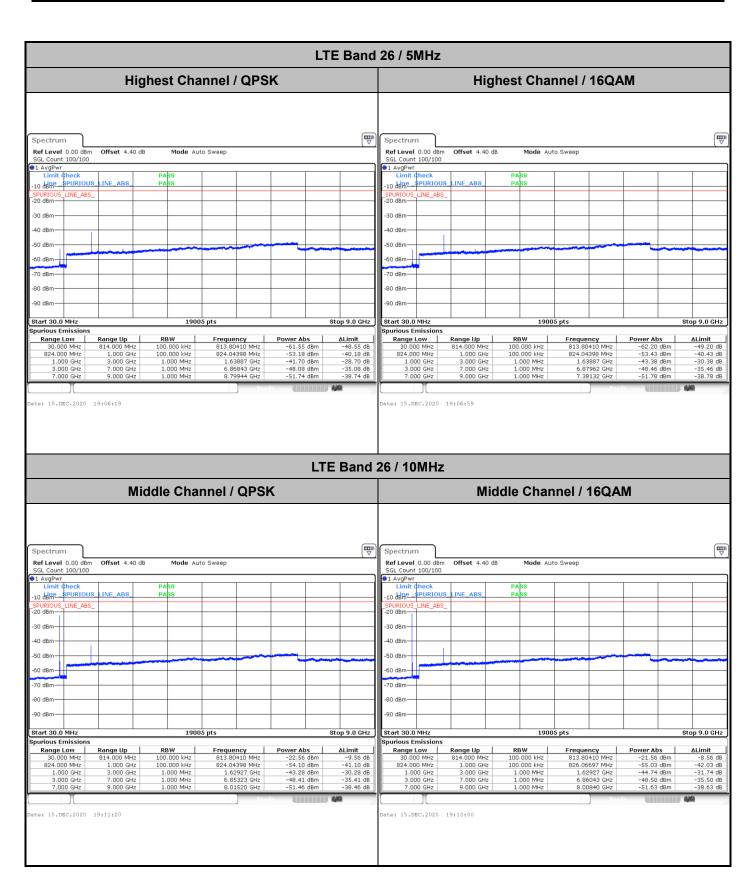
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Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



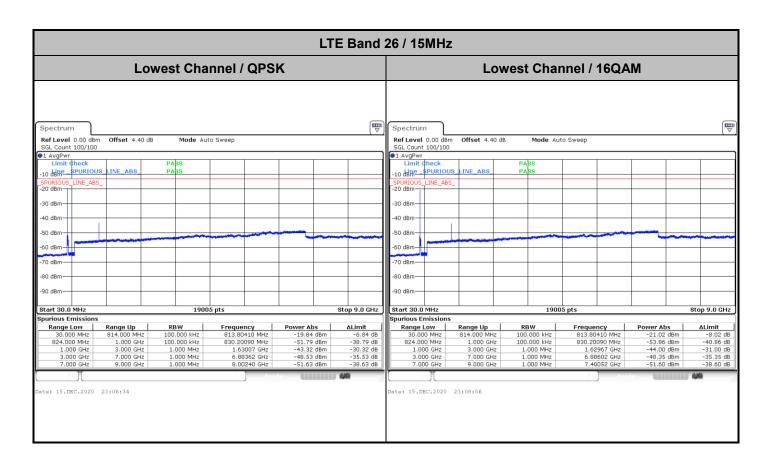
TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A15 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A16 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A17 of A19
Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01



TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16

Page Number : A18 of A19 Report Issued Date: Feb. 07, 2021

Report No.: FW0O3022

Report Version : Rev. 01

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel		
- , , , , , , , , , , , , , , , , , , ,		BW 10MHz	2.5ppm	
Temperature Voltage (°C) (Volt)	_	Deviation (ppm)	Result	
50	Normal Voltage	0.0053		
40	Normal Voltage	0.0087		
30	Normal Voltage	0.0065		
20(Ref.)	Normal Voltage	0.0000		
10	Normal Voltage	0.0079		
0	Normal Voltage	0.0004		
-10	Normal Voltage	0.0020	PASS	
-20	Normal Voltage	0.0087		
-30	Normal Voltage	0.0068		
20	Maximum Voltage	0.0017		
20	Normal Voltage	0.0001		
20	Battery End Point	0.0072		

Note: Normal Voltage =3.3 V.; Battery End Point (BEP) =3.135 V.; Maximum Voltage =4.4 V.

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TEL: +86-512-57900158 FAX: +86-512-57900958 FCC ID: ZMOL860GL16 Page Number : A19 of A19
Report Issued Date : Feb. 07, 2021

Report No. : FW0O3022

Report Version : Rev. 01

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 26 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1628	-64.69	-13	-51.69	-71.66	1.58	10.70	Н
	2444	-60.71	-13	-47.71	-68.96	2.102	12.50	Н
	3258	-58.51	-13	-45.51	-67.40	2.856	13.90	Н
	4074	-57.07	-13	-44.07	-65.53	2.689	13.30	Н
	1628	-64.71	-13	-51.71	-71.68	1.58	10.70	V
	2444	-59.49	-13	-46.49	-67.74	2.10	12.50	V
	3258	-58.39	-13	-45.39	-67.28	2.86	13.90	V
	4074	-56.83	-13	-43.83	-65.29	2.69	13.30	V

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

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Report Issued Date : Feb. 07, 2021
Report Version : Rev. 01