



Report No.: FG381701C

FCC RADIO TEST REPORT

FCC ID : QYLLN920F

Equipment : WWAN Module

Brand Name : Getac

Model Name : LN920A12-WW

Applicant : Getac Technology Corporation.

5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang

Dist., Taipei City 115018, Taiwan, R.O.C.

Standard : FCC 47 CFR Part 2, 90(R)

The product was received on Aug. 10, 2023 and testing was performed from Sep. 07, 2023 to Sep. 21, 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.

Lunis Win

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.)

TEL: 886-3-327-3456 Page Number FAX: 886-3-328-4978 Issue Date

Report Template No.: BU5-FGLTE90R Version 2.4

: 1 of 15 : Oct. 31, 2023

: 01

Report Version

Table of Contents

Report No. : FG381701C

His	story o	of this test report	3
		ry of Test Result	
1	Gene	eral Description	5
	1.1	Product Feature of Equipment Under Test	5
	1.2	Modification of EUT	6
	1.3	Testing Site	6
	1.4	Applied Standards	6
2	Test	Configuration of Equipment Under Test	7
	2.1	Test Mode	7
	2.2	Connection Diagram of Test System	7
	2.3	Support Unit used in test configuration and system	8
	2.4	Frequency List of Low/Middle/High Channels	8
3	Cond	ducted Test Items	9
	3.1	Measuring Instruments	g
	3.2	Conducted Output Power Measurement and ERP	10
4	Radi	iated Test Items	11
	4.1	Measuring Instruments	11
	4.2	Radiated Spurious Emission	13
5	List	of Measuring Equipment	14
6	Meas	surement Uncertainty	15
Аp	pendi	ix A. Test Results of Conducted Test	
Аp	pendi	ix B. Test Results of Radiated Test	
Ap	pendi	ix C. Test Setup Photographs	

TEL: 886-3-327-3456 Page Number : 2 of 15 : Oct. 31, 2023 FAX: 886-3-328-4978 Issue Date Report Version : 01

Report Template No.: BU5-FGLTE90R Version 2.4

History of this test report

Report No. : FG381701C

Report No.	Version	Description	Issue Date
FG381701C	01	Initial issue of report	Oct. 31, 2023

TEL: 886-3-327-3456 Page Number : 3 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

Summary of Test Result

Report No.: FG381701C

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2.2	§2.1046	Conducted Output Power	Reporting only	-
3.2	§90.542 (a)(7)	Effective Radiated Power	Pass	-
4.2	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission	Pass	-

Remark: The test plans were by manufacturer definition.

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.
- 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: Yun Huang Report Producer: Lucy Wu

TEL: 886-3-327-3456 Page Number : 4 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature						
General Specs	WCDMA/LTE, and GPS/Glonass/BDS/Galileo					
Sample 1 EUT with Host 1						
Sample 2	EUT with Host 2					
	WWAN					
Antenna Type	<main>: PIFA Antenna</main>					
Antenna Type	<aux.>: PIFA Antenna</aux.>					
	GPS / Glonass / Galileo / BDS : PATCH Antenna					
Antenna Gain	LTE Band 14: 1.79 dBi					

Report No.: FG381701C

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

The product was installed into Tablet PC (Brand Name: Getac, Model Name: F110, F110G7, F110-701, F110-711, F110-Exc,

F110Y (Y= 10 characters, Y can be 0-9, a-z, A-Z, "-", "_" or blank for marketing purpose and no impact safety related critical components and constructions.)) during test, and the host information was recorded in the following table.

Host Information						
Host 1	Host with SKU B					
Host 2	Host with SKU C					

	Sample Information							
	SKU B	SKU C						
CPU	i5-1335U	I7-1365U						
DDR	Kingston 16GB	Kingston 32GB						
SSD	512GB	1TB						
PANEL	Full FHD AUO	Full FHD AUO						
DIGITIZER	EMRright Digitizer	EMRright Digitizer						
OPTION BAY	Barcode Reader	LAN						
Expansion Bay	HID RFID	SMART CARD						
Right side option	Not Support	Fringer Print						
WLAN/BT	Intel AX211	Intel AX211						
WWAN(4G)	LN920A12-WW	LN920A12-WW						
GNSS	LN920A12-WW	LN920A12-WW						
Rear 8M Camera	Support	Support						
Webcam FHD	Not Support	Support						
IR Webcam	Support	Support						
USB3.2 Gen2 x 1 Type-A	Support	Support						
Type-C (thunder bolt)	Support	Support						
Audio/MIC	Support	Support						
Fischer	Not Support	Not Support						

TEL: 886-3-327-3456 Page Number : 5 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

Specification of Accessory for Host						
AC Adoptor 1	Brand Name	Getac				
AC Adapter 1	Model Name	MTA190474W4				
AC Adoptor 2	Brand Name	FSP GROUP INC.				
AC Adapter 2	Model Name	FSP090-ABBN3				
AC Adoptor 2	Brand Name	FSP GROUP INC.				
AC Adapter 3	Model Name	FSP065-RBBN3				

Report No.: FG381701C

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 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 (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978							
Test Site No.	Sporton Site No.							
rest site No.	TH03-HY	03CH07-HY						
Test Engineer	Cotty Hsu	Jesse Wang, Stan Hsieh and Ken Wu						
Temperature (°C)	21.1~22.9	23.1~25.3						
Relative Humidity (%)	51.2~52.3 48.9~56.7							

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

FCC Designation No.: TW1190

1.4 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
- FCC 47 CFR Part 2, Part 90(R)
- ANSI / TIA-603-E
- 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.

TEL: 886-3-327-3456 Page Number : 6 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

2 Test Configuration of Equipment Under Test

2.1 Test Mode

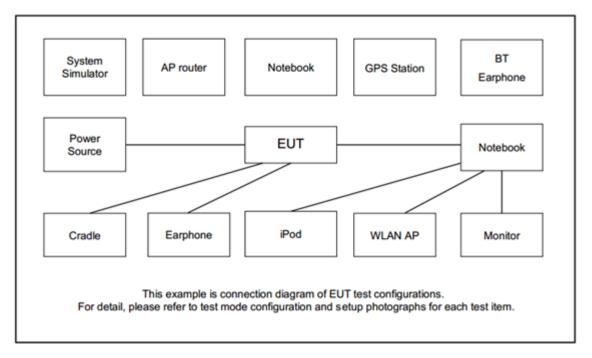
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

Report No.: FG381701C

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 adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

Conducted	Daniel		Ва	andwic	lth (Mi	Hz)		Modulation			RB#			Test Channel		
Test Cases	Band	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	М	Н
Max. Output Power	14	-	-	v	٧	-	-	v	v	v	v	v	>	v	v	>
E.R.P	14	-	-	v	v	-	-	v	v	v	Max. Power					
Radiated Spurious Emission	14	-	-	v		-	-	v			٧			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. 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. 4. All the radiated test cases were performed with Adapter 3 and Sample 1.															

2.2 Connection Diagram of Test System



TEL: 886-3-327-3456 Page Number : 7 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

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	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

Report No.: FG381701C

2.4 Frequency List of Low/Middle/High Channels

LTE Band 14 Channel and Frequency List									
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest					
10	Channel	-	23330	-					
10	Frequency	-	793	-					
E	Channel	23305	23330	23355					
5	Frequency	790.5	793	795.5					

TEL: 886-3-327-3456 Page Number : 8 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

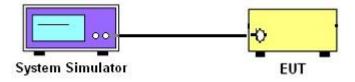
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



Report No.: FG381701C

: 01

3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

TEL: 886-3-327-3456 Page Number : 9 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

3.2 Conducted Output Power Measurement and ERP

3.2.1 Description of the Conducted Output Power Measurement and ERP Measurement

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

Report No.: FG381701C

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 14.

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 base station.
- 2. Set EUT at maximum power through base station.
- 3. Select lowest, middle, and highest channels for each band and different modulation.
- 4. Measure and record the power level from the system simulator.

TEL: 886-3-327-3456 Page Number : 10 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

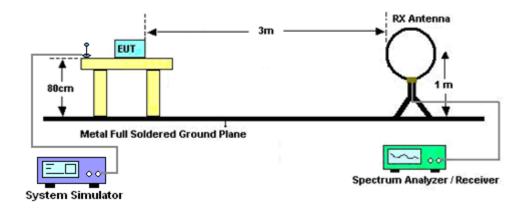
Radiated Test Items 4

4.1 Measuring Instruments

See list of measuring instruments of this test report.

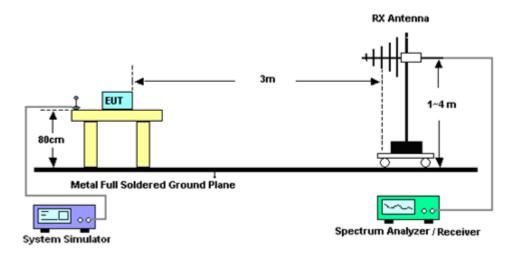
4.1.1 Test Setup

For radiated test below 30MHz



Report No.: FG381701C

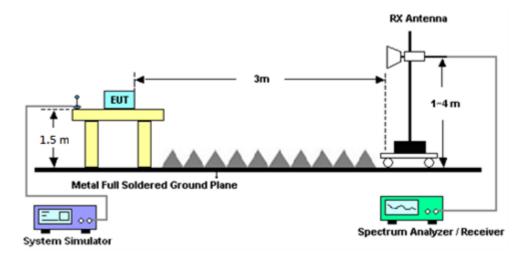
For radiated test from 30MHz to 1GHz



TEL: 886-3-327-3456 : 11 of 15 Page Number FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023 Report Version : 01

Report Template No.: BU5-FGLTE90R Version 2.4

For radiated test above 1GHz



Report No.: FG381701C

: 01

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.

TEL: 886-3-327-3456 Page Number : 12 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

4.2 Radiated Spurious Emission

4.2.1 Description of Radiated Spurious Emission

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

Report No.: FG381701C

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 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 / TIA-603-E Section 2.2.12.

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. 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. The RF fundamental frequency should be excluded against the limit line in the operating

frequency band.

11. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)

TEL: 886-3-327-3456 Page Number : 13 of 15 FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

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 & 00800N1D01 N-06	35419 & 03	30MHz~1GHz	Apr. 23, 2023	Sep. 13, 2023~ Sep. 18, 2023	Apr. 22, 2024	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2022	Sep. 13, 2023~ Sep. 18, 2023	Nov. 30, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 28, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 27, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 20, 2023	Sep. 13, 2023~ Sep. 18, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Sep. 13, 2023~ Sep. 18, 2023	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 24, 2023	Sep. 13, 2023~ Sep. 18, 2023	Mar. 23, 2024	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2023	Sep. 13, 2023~ Sep. 18, 2023	Mar. 27, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 22, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 20, 2023	Sep. 13, 2023~ Sep. 18, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Sep. 13, 2023~ Sep. 18, 2023	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 14, 2023	Sep. 13, 2023~ Sep. 18, 2023	Mar. 13, 2024	Radiation (03CH07-HY)
Horn Antenna	ETS-Lindgren	3117	00143261	1GHz~18GHz	Feb. 24, 2023	Sep. 13, 2023~ Sep. 18, 2023	Feb. 23, 2024	Radiation (03CH07-HY)
Signal Generator	Anritsu	MG3710A	6261943042	2G / 3G / LTE / 5G FR1	May 25, 2023	Sep. 13, 2023~ Sep. 18, 2023	May 24, 2024	Radiation (03CH07-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 13, 2022	Sep. 07, 2023~ Sep. 21, 2023	Oct. 12, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Sep. 07, 2023~ Sep. 21, 2023	Jan. 05, 2024	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 14, 2023	Sep. 07, 2023~ Sep. 21, 2023	Jul. 13, 2024	Conducted (TH03-HY)

Report No.: FG381701C

TEL: 886-3-327-3456 Page Number : 14 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of	3.46 dB
Confidence of 95% (U = 2Uc(y))	3.40 UB

Report No.: FG381701C

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

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

TEL: 886-3-327-3456 Page Number : 15 of 15
FAX: 886-3-328-4978 Issue Date : Oct. 31, 2023

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP)

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 1.79 dB)									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)	
10	1	0			21.24				
10	1	25			21.16				
10	1	49			21.10				
10	25	0	QPSK		21.20		20.88	0.1225	
10	25	12			21.11				
10	25	25			21.12				
10	50	0			21.14				
10	1	0			21.22				
10	1	25			21.20				
10	1	49			21.12				
10	25	0	16-QAM	-	21.11	-	20.86	0.1219	
10	25	12			21.14				
10	25	25			21.16				
10	50	0			21.16				
10	1	0			21.14				
10	1	25			21.15				
10	1	49			21.08				
10	25	0	64-QAM		20.14		20.79	0.1199	
10	25	12			20.12				
10	25	25			20.09				
10	50	0			20.04				
Limit		ERP < 3W			Result		Pa	ISS	

Report No. : FG381701C



FCC RADIO TEST REPORT

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 1.79 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)		
5	1	0		21.14	21.18	21.17		0.1213		
5	1	12		21.11	21.16	21.08				
5	1	24		21.02	21.00	21.08				
5	12	0	QPSK	21.10	21.19	21.20	20.84			
5	12	7		21.11	21.03	21.05				
5	12	13		21.07	21.09	21.04				
5	25	0		21.10	21.14	21.14				
5	1	0		21.20	21.16	21.18	20.84	0.1213		
5	1	12	16-QAM	21.10	21.12	21.10				
5	1	24		21.09	21.06	21.05				
5	12	0		21.03	21.01	21.07				
5	12	7		21.04	21.14	21.07				
5	12	13		21.06	21.16	21.10				
5	25	0		21.07	21.07	21.13				
5	1	0		21.11	21.05	21.12				
5	1	12		21.13	21.05	21.06		0.1194		
5	1	24		21.08	21.04	21.06				
5	12	0	64-QAM	20.13	20.05	20.05	20.77			
5	12	7		20.06	20.04	20.12				
5	12	13		20.03	20.09	20.09				
5	25	0		20.03	20.04	20.03				
Limit		ERP < 3W			Result		Pa	iss		

Report No.: FG381701C

Appendix B. Test Results of Radiated Test

LTE Band 14

Report No. : FG381701C

LTE Band 14 / 5MHz / QPSK											
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)		
	1576	-63.11	-42.15	-20.96	-76.11	-65.1	0.95	5.09	Н		
	2364	-59.04	-13	-46.04	-77.41	-60.63	1.25	4.99	Н		
	3152	-57.50	-13	-44.50	-78.03	-60.32	1.50	6.47	Н		
									Н		
									Н		
Lowest									Н		
Lowcot	1576	-63.42	-42.15	-21.27	-75.91	-65.41	0.95	5.09	V		
	2364	-59.38	-13	-46.38	-77.34	-60.97	1.25	4.99	V		
	3152	-57.70	-13	-44.70	-77.56	-60.52	1.50	6.47	V		
									V		
									V		
									V		
	1580	-63.09	-42.15	-20.94	-76.12	-65.07	0.95	5.08	Н		
	2370	-59.19	-13	-46.19	-77.6	-60.8	1.25	5.01	Н		
	3160	-57.55	-13	-44.55	-78.09	-60.41	1.50	6.50	Н		
									Н		
									Н		
Middle									Н		
ivildale									V		
	1580	-63.46	-42.15	-21.31	-75.99	-65.44	0.95	5.08	V		
	2370	-59.50	-13	-46.50	-77.49	-61.11	1.25	5.01	V		
	3160	-58.24	-13	-45.24	-78.13	-61.1	1.50	6.50	V		
									V		
									V		

TEL: 886-3-327-3456 Page Number : B1 of B

FAX: 886-3-328-4978

	LTE Band 14 / 5MHz / QPSK										
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)		
	1584	-63.51	-42.15	-21.36	-76.57	-65.48	0.95	5.06	Н		
	2379	-59.46	-13	-46.46	-77.91	-61.09	1.25	5.04	Н		
	3172	-57.88	-13	-44.88	-78.46	-60.79	1.50	6.56	Н		
									Н		
									Н		
l limboot									Н		
Highest	1584	-63.33	-42.15	-21.18	-75.89	-65.3	0.95	5.06	V		
	2379	-59.95	-13	-46.95	-77.97	-61.58	1.25	5.04	V		
	3172	-58.39	-13	-45.39	-78.35	-61.3	1.50	6.56	V		
									V		
									V		
									V		

Report No. : FG381701C

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

TEL: 886-3-327-3456 Page Number : B2 of B2

FAX: 886-3-328-4978