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Page Number

FCC RADIO TEST REPORT

FCC ID : QYLEM9190B

Equipment : Wireless Module

Brand Name : Getac Model Name : EM9190

Applicant : Getac Technology Corporation.

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

Nangang Dist., Taipei City 11568, Taiwan, R.O.C.

Standard : FCC 47 CFR Part 2, and 90(S)

The product was received on Dec. 21, 2020 and testing was started from Jan. 27, 2021 and completed on Mar. 05, 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.

Lunis Wu

Approved by: Louis Wu

TEL: 886-3-327-3456

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

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Report No.	Version	Description	Issued Date
FG0D2108F	01	Initial issue of report	Mar. 11, 2021

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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 §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
4	§2.1053 §90.691	Field Strength of Spurious Radiation	Pass	Under limit 36.70 dB at 2456.000 MHz

Note: The module (Model: EM9190) makes no difference after verifying output power, this report reuses test data from the module report.

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: Wii Chang Report Producer: Yimin Ho

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1 General Description

1.1 Feature of Equipment Under Test

WCDMA/LTE/5G NR, and GNSS.

Product Feature					
Sample 1	EUT with Host 1				
Sample 2	EUT with Host 2				
Antonno Tymo	WWAN: PIFA Antenna				
Antenna Type	GPS/Glonass/BDS/Galileo/SBAS: PATCH Antenna				
Antenna Gain	LTE Band 26: 0.98 dBi				

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

The product was installed into Notebook (Brand Name: Getac, Model Name: B360, B360 Pro) during test, and the host information was recorded in the following table.

Host Information						
Host 1	Host with SKU A					
Host 2	Host with SKU B					

Host Sample Information							
B360	SKUA	SKUB					
CPU	i7-10610U	i7-10710U					
Memory(DDR4)	8G	8G					
Storogo(ODAL SSD)	Main:256GB	Main:256GB					
Storage(OPAL SSD)	Second:256GB	Second:256GB					
WLAN	AX200NGW	AX200NGW					
WWAN	EM9190	EM9190					
Camera FN20FF-679H (RGB)	N/A	V					
Camera FN23FF-678H (RGB+IR)	V	N/A					
FINGERPRINT	V	V					
VGA	V	N/A					
HDMI	V	V					
RS232	V	V					
LAN	V	V					
USB	V	V					
USB3.1 Type C	N/A	V					
Smart Card	V	V					
SD Card Reader	N/A	N/A					
ODD(Expansion)	N/A	V					
RS232(Expansion)	N/A	V					
Touch Screen	V	V					
PCMCIA	V	V					
GPS	V	V					

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1.2 Modification of EUT

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

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.	TH05-HY				
Test Engineer	Hao Syu, Howard Lin				
Temperature	20.3~23.6°C				
Relative Humidity	43.3~54.3%				

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Test Site	Sporton International Inc. Wensan Laboratory			
	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,			
Test Site Location	Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868			
	FAX: +886-3-327-0855			
Test Site No.	Sporton Site No.			
rest Site No.	03CH12-HY (TAF Code: 3786)			
Test Engineer	Jack Cheng, Lance Chiang, Chuan Chu			
Temperature	24.3~26.4℃			
Relative Humidity	58~66%			
Damark	The Radiated test item subcontracted to Sporton International Inc. Wensan			
Remark	Laboratory.			

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

FCC Designation No.: TW1190 and TW0007

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1.4 Applied Standards

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

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- 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:

- 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.
- 3. The TAF code is not including all the FCC KDB listed without accreditation.

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2 Test Configuration of Equipment Under Test

2.1 Test Mode

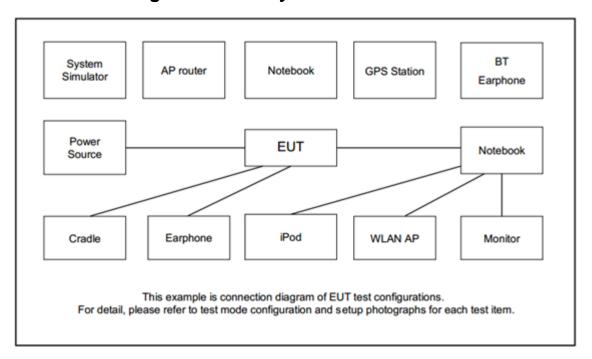
During all testing, EUT is in link mode with base station emulator at maximum power level.

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

Conducted	Dand		Ba	ndwic	lth (MH	łz)		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	26	V	v	V	V	V	-	V	v	v	v	v	٧	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
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 Sample 2.															

2.2 Connection Diagram of Test System



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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

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2.4 Frequency List of Low/Middle/High Channels

LTE Band 26 Channel and Frequency List									
BW [MHz]	Channel/Frequency(MHz)	Middle	Highest						
45	Channel	26765	-	-					
15	Frequency	821.5	-	-					
40	Channel	-	26740	-					
10	Frequency	-	819	-					
5	Channel	26715	26740	26765					
5	Frequency	816.5	819	821.5					
3	Channel	26705	26740	26775					
ა	Frequency	815.5	819	822.5					
1 1	Channel	26697	26740	26783					
1.4	Frequency	814.7	819	823.3					

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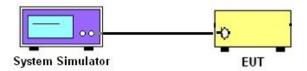
3 Conducted Test Items

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 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.

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The ERP of mobile transmitters must not exceed 7 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.

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4 Radiated Test Items

4.1 Field Strength of Spurious Radiation Measurement

4.1.1 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.

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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 43+10log₁₀(P[Watts]) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

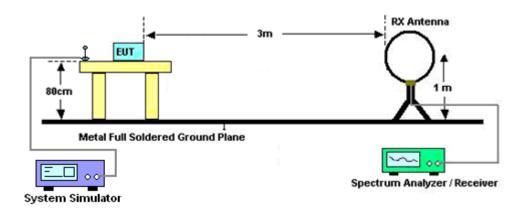
4.1.2 Test Procedures

- 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.
- 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.
- 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)

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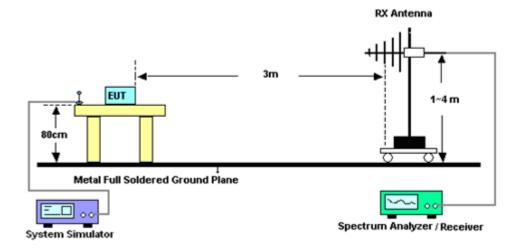
4.1.3 Test Setup

For radiated test below 30MHz



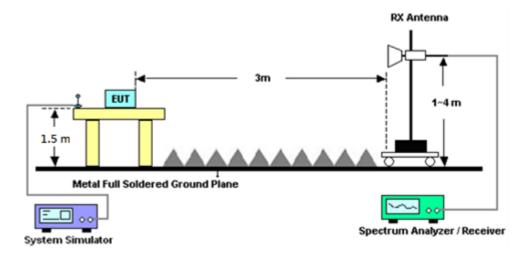
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For radiated test from 30MHz to 1GHz



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For radiated test above 1GHz



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4.1.4 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 a comparison data 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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5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jul. 14, 2020	Jan. 27, 2021~ Feb. 02, 2021	Jul. 13, 2021	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01 N-06	40103 & 07	30MHz~1GHz	Apr. 29, 2020	Jan. 27, 2021~ Feb. 02, 2021	Apr. 28, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-132 8	1GHz~18GHz	Nov. 23, 2020	Jan. 27, 2021~ Feb. 02, 2021	Nov. 22, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	9120D-124 1	1GHz ~ 18GHz	Jul. 15. 2020	Jan. 27, 2021~ Feb. 02, 2021	Jul. 14. 2021	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 25, 2020	Jan. 27, 2021~ Feb. 02, 2021	Mar. 24, 2021	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY572801 20	1GHz~26.5GHz	Jul. 20, 2020	Jan. 27, 2021~ Feb. 02, 2021	Jul. 19, 2021	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC190024 9	1GHz~18GHz	Dec. 05, 2020	Jan. 27, 2021~ Feb. 02, 2021	Dec. 04, 2021	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY542004 85	10Hz~44GHz	Feb. 10, 2020	Jan. 27, 2021~ Feb. 02, 2021	Feb. 09, 2021	Radiation (03CH12-HY)
Signal Generator	Anritsu	MG3694C	163401	0.1Hz~40GHz	Feb. 15, 2020	Jan. 27, 2021~ Feb. 02, 2021	Feb. 14, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz~30MHz	Mar. 12, 2020	Jan. 27, 2021~ Feb. 02, 2021	Mar. 11, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 11, 2020	Jan. 27, 2021~ Feb. 02, 2021	Dec. 10, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 25, 2020	Jan. 27, 2021~ Feb. 02, 2021	Feb. 24, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 25, 2020	Jan. 27, 2021~ Feb. 02, 2021	Feb. 24, 2021	Radiation (03CH12-HY)
Hygrometer	TECPEL	DTM-303B	TP140349	N/A	Oct. 02, 2020	Jan. 27, 2021~ Feb. 02, 2021	Oct. 01, 2021	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 27, 2021~ Feb. 02, 2021	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1m~4m	N/A	Jan. 27, 2021~ Feb. 02, 2021	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jan. 27, 2021~ Feb. 02, 2021	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-00098 9	N/A	N/A	Jan. 27, 2021~ Feb. 02, 2021	N/A	Radiation (03CH12-HY)
Radio Communication Analyzer	Anritsu	MT8821C	62618490 15	LTE	Sep. 18, 2020	Mar. 05, 2021	Sep. 17, 2021	Conducted (TH05-HY)
5G Wireless Test Platform	Anritsu	MT8000A	62619403 27	FR1 (+MT8821C SN:6261849015)	Sep. 23, 2020	Mar. 05, 2021	Sep. 22, 2021	Conducted (TH05-HY)
Base Station (Measure)	Anritsu	MT8821C	62620025 341	N/A	Oct. 06, 2020	Mar. 05, 2021	Oct. 05, 2021	Conducted (TH05-HY)

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6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of	3.07
Confidence of 95% (U = 2Uc(y))	3.07

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

Measuring Uncertainty for a Level of	2 24
Confidence of 95% (U = 2Uc(y))	3.21

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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power & ERP)

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
15	1	0		22.92	-	-		
15	1	37		22.70	-	-		
15	1	74		22.62	-	-		
15	36	0	QPSK	21.87	-	-	21.75	0.1496
15	36	20		21.92	-	-		
15	36	39		21.82	1	-		
15	75	0		21.92	-	-		
15	1	0	16-QAM	22.02		-		0.1245
15	1	37		21.98	-	-	20.95	
15	1	74		22.12	1	-		
15	36	0		20.84	1	-		
15	36	20		20.83	1	-		
15	36	39		20.83	-	-		
15	75	0		20.89	1	-		
15	1	0		20.81	1	-		
15	1	37		20.66	-	-		
15	1	74		20.84	1	-		
15	36	0	64-QAM	19.86		-	19.67	0.0927
15	36	20		19.99	-	-		
15	36	39		19.90	-	-		
15	75	0		19.91		-		
Limit ERP < 7W					Result		Pa	SS

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LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.98 dB)									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)	
10	1	0		-	22.66	-			
10	1	25		-	22.52	-			
10	1	49		-	22.48	-			
10	25	0	QPSK	1	21.81	-	21.49	0.1409	
10	25	12		1	21.75	-			
10	25	25		1	21.66	-			
10	50	0		-	21.81	-			
10	1	0	16-QAM	-	22.03	-			
10	1	25		-	21.86	-	20.86	0.1219	
10	1	49		-	21.98	-			
10	25	0		-	20.73	-			
10	25	12		-	20.87	-			
10	25	25		-	20.62	-			
10	50	0		-	20.64	-			
10	1	0		-	20.65	-			
10	1	25		-	20.64	-			
10	1	49		-	20.82	-			
10	25	0	64-QAM	-	19.81	-	19.65	0.0923	
10	25	12		-	20.02	-			
10	25	25		-	19.87	-			
10	50	0		-	19.80	-			
Limit	Limit ERP < 7W				Result		Pa	ISS	

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	LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.98 dB)									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)		
5	1	0		22.81	22.61	22.61				
5	1	12		22.83	22.48	22.71				
5	1	24		22.58	22.42	22.45				
5	12	0	QPSK	21.86	21.78	21.76	21.66	0.1466		
5	12	7		21.83	21.73	21.75				
5	12	13		21.80	21.56	21.88				
5	25	0		21.82	21.75	21.74				
5	1	0		22.12	21.95	22.11	21.08	0.1282		
5	1	12		22.08	21.76	22.25				
5	1	24		21.83	21.88	22.12				
5	12	0	16-QAM	20.86	20.70	20.65				
5	12	7		20.93	20.85	20.74				
5	12	13		20.81	20.57	20.85				
5	25	0		20.72	20.56	20.76				
5	1	0		21.17	20.62	20.57				
5	1	12		20.69	20.63	21.17				
5	1	24		20.80	20.79	20.44				
5	12	0	64-QAM	19.97	19.78	19.73	20	0.1000		
5	12	7		19.91	20.00	19.82				
5	12	13		19.81	19.80	19.56				
5	25	0		19.84	19.72	19.86				
Limit		ERP < 7W			Result		Pa	ISS		

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Limit

ERP < 7W

LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.98 dB) BW [MHz] RB Size **RB Offset** Mod Lowest Middle Highest ERP (dBm) ERP (W) 3 1 0 22.87 22.66 22.70 3 1 8 22.79 22.49 22.69 3 1 14 22.57 22.40 22.48 3 8 0 **QPSK** 21.87 21.81 21.84 21.7 0.1479 3 8 4 21.78 21.75 21.76 3 8 21.74 21.63 21.88 3 15 0 21.89 21.74 21.81 3 1 0 22.20 21.97 22.19 3 1 8 22.00 21.86 22.28 3 1 14 21.90 21.85 22.08 3 0 16-QAM 20.89 21.11 0.1291 8 20.66 20.70 3 8 4 20.88 20.85 20.64 7 3 8 20.89 20.59 20.93 3 15 0 20.78 20.58 20.73 3 22.20 22.19 0 21.97 3 1 8 22.00 21.86 22.28 3 1 14 21.85 21.90 22.08 0.1291 3 8 0 64-QAM 20.89 20.66 20.70 21.11 3 8 4 20.88 20.85 20.64 3 8 7 20.89 20.59 20.93 3 15 0 20.78 20.58 20.73

Result

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Pass



PORTON LAB. FCC RADIO TEST REPORT

	LTE Band 26 Maximum Average Power [dBm] (GT - LC = 0.98 dB)									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)		
1.4	1	0		22.77	22.57	22.54				
1.4	1	3		22.85	22.48	22.73				
1.4	1	5		22.71	22.48	22.56				
1.4	3	0	QPSK	22.83	22.58	22.59	21.7	0.1479		
1.4	3	1		22.87	22.53	22.57				
1.4	3	3		22.74	22.57	22.66				
1.4	6	0		21.79	21.66	21.68				
1.4	1	0	16-QAM	22.51	21.82	21.98	21.34	0.1361		
1.4	1	3		22.12	21.85	22.24				
1.4	1	5		22.39	21.82	21.96				
1.4	3	0		21.97	21.72	21.61				
1.4	3	1		21.89	21.68	21.64				
1.4	3	3		21.73	21.62	21.63				
1.4	6	0		21.01	20.84	20.80				
1.4	1	0		22.51	21.82	21.98		0.1361		
1.4	1	3		22.12	21.85	22.24				
1.4	1	5		22.39	21.82	21.96				
1.4	3	0	64-QAM	21.97	21.72	21.61	21.34			
1.4	3	1		21.89	21.68	21.64				
1.4	3	3		21.73	21.62	21.63				
1.4	6	0		21.01	20.84	20.80				
Limit		ERP < 7W			Result		Pa	ISS		

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Appendix B. Test Results of Radiated Test

LTE Band 26

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			l	TE Band 26	/ 5MHz / QP	SK			
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)
	1624	-57.83	-13	-44.83	-66.22	-63.34	0.91	8.57	Н
	2440	-52.80	-13	-39.80	-66.26	-60.13	1.14	10.62	Н
	3256	-57.21	-13	-44.21	-72.66	-65.66	1.32	11.91	Н
									Н
									Н
Lowest									Н
Lowest	1624	-57.04	-13	-44.04	-64.97	-62.55	0.91	8.57	V
	2440	-50.33	-13	-37.33	-63.86	-57.66	1.14	10.62	V
	3256	-56.88	-13	-43.88	-72.82	-65.33	1.32	11.91	V
									V
									V
									V
	1634	-57.93	-13	-44.93	-66.34	-63.47	0.92	8.61	Н
	2451	-54.63	-13	-41.63	-68.12	-61.97	1.14	10.63	Н
	3264	-56.85	-13	-43.85	-72.27	-65.32	1.32	11.93	Н
									Н
									Н
Middle									Н
ivildale	1634	-57.41	-13	-44.41	-65.35	-62.95	0.92	8.61	V
	2451	-52.95	-13	-39.95	-66.53	-60.29	1.14	10.63	V
	3264	-56.78	-13	-43.78	-72.69	-65.25	1.32	11.93	V
									V
									V
									V

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1640 -57.65 -13 -44.65 -66.09 -63.21 0.92 8.63 Н 2456 -52.15 -13 -39.15 -65.63 -59.50 1.14 10.64 Н 3280 -57.10 -13 -44.10 -72.49 -65.60 1.32 11.97 Н Н Н Н Highest 1640 -57.16 -13 -44.16 -65.09 -62.72 0.92 8.63 ٧ -49.70 -63.29 1.14 10.64 ٧ 2456 -13 -36.70 -57.05 3280 -56.02 -13 -43.02 -71.89 -64.52 1.32 11.97 ٧ ٧ ٧ ٧

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

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