FCC RF Test Report

APPLICANT : Getac Technology Corporation.

EQUIPMENT : WLAN module

BRAND NAME : Getac

MODEL NAME : 8265NGW FCC ID : QYL8265NG

STANDARD : FCC Part 15 Subpart C §15.247

CLASSIFICATION : (DTS) Digital Transmission System

This is a partial report. The product testing was completed on Jul. 08, 2018. We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

This report contains data that were produced under subcontract by Laboratory SPORTON INTERNATIONAL INC.

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



Approved by: Eric Shih / Manager

Sporton International (Shenzhen) Inc.

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Sporton International (Shenzhen) Inc.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG

Page Number : 1 of 17 Report Issued Date: Jul. 31, 2018

: Rev. 01

Report No.: FR570164-39B

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TABLE OF CONTENTS

RE\	/ISIO	N HISTORY	3
SUI	MMAR	Y OF TEST RESULT	4
1	GENE	ERAL DESCRIPTION	5
	1.1	Applicant	5
	1.2	Product Feature of Equipment Under Test	5
	1.3	Modification of EUT	5
	1.4	Testing Location	6
	1.5	Applicable Standards	6
2	TEST	CONFIGURATION OF EQUIPMENT UNDER TEST	7
	2.1	Carrier Frequency Channel	7
	2.2	Test Mode	8
	2.3	Connection Diagram of Test System	9
	2.4	Support Unit used in test configuration and system	9
	2.5	EUT Operation Test Setup	9
3	TEST	RESULT	10
	3.1	Output Power Measurement	10
	3.2	Radiated Band Edges and Spurious Emission Measurement	11
	3.3	Antenna Requirements	15
4	LIST	OF MEASURING EQUIPMENT	16
5	UNCE	ERTAINTY OF EVALUATION	17
APF	PENDI	X A. CONDUCTED TEST RESULTS	
APF	PENDI	X B. RADIATED SPURIOUS EMISSION	
APF	PENDI	X C. RADIATED SPURIOUS EMISSION PLOTS	
APF	PENDI	X D. DUTY CYCLE PLOTS	
APF	PENDI	X E. SETUP PHOTOGRAPHS	

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 2 of 17
Report Issued Date : Jul. 31, 2018

Report No. : FR570164-39B

Report Version : Rev. 01

REVISION HISTORY

Report No. : FR570164-39B

: 3 of 17

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR570164-39B	Rev. 01	Initial issue of report	Jul. 31, 2018

Sporton International (Shenzhen) Inc. Page Number TEL: +86-755-8637-9589 Report Issued Date: Jul. 31, 2018

FAX: +86-755-8637-9595 Report Version : Rev. 01 FCC ID: QYL8265NG Report Template No.: BU5-FR15CBT4.0 Version 2.0

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(b)(3)	Peak Output Power	≤ 30dBm	Pass	-
3.2	15.247(d)	Radiated Band Edges and Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 3.47 dB at 2359.84 MHz
3.3	15.203 & 15.247(b)	Antenna Requirement	N/A	Pass	-

Remark: Except Conducted output power and Radiated Spurious Emission is carrying out, for the other test data please refer to modular report "160321-01.TR02".

Sporton International (Shenzhen) Inc.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 4 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No.: FR570164-39B

1 General Description

1.1 Applicant

Getac Technology Corporation.

5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang Dist., Taipei City 11568, Taiwan, R.O.C.

1.2 Product Feature of Equipment Under Test

WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, NFC, GNSS and Digitizer.

Report No.: FR570164-39B

Product Specification subjective to this standard					
	WWAN: PIFA Antenna				
	WLAN: PIFA Antenna				
Antonno Tyro	Bluetooth: PIFA Antenna				
Antenna Type	GPS: PATCH Antenna				
	NFC: Loop Antenna				
	Digitizer: Loop Antenna				

The product was installed into Tablet (Brand Name: Getac, Model Name: RX10) during test, and all tests were performed with SKU A.

SKU Table								
	RX10 SKU							
	SKU A	SKU B						
CPU	i5	M3						
DDR	8G	4G						
SSD	256GB	128GB						
Panel	FHD	FHD						
Digitizer Support		Not Support						
WLAN/BT	Support	Not Support						
WWAN	Support	Not Support						
GPS	Support	Not Support						
RFID	Support	Not Support						
Battery	5800mAh & 2160mAh	2160mAh						

1.3 Modification of EUT

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

 Sporton International (Shenzhen) Inc.
 Page Number
 : 5 of 17

 TEL: +86-755-8637-9589
 Report Issued Date
 : Jul. 31, 2018

 FAX: +86-755-8637-9595
 Report Version
 : Rev. 01

FCC ID : QYL8265NG Report Template No.: BU5-FR15CBT4.0 Version 2.0

1.4 Testing Location

SPORTON INTERNATIONAL INC. is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and under the FCC-recognized accredited testing laboratories by Mutual Recognition Agreement (MRA) in FCC Test.

Report No.: FR570164-39B

Test Site	SPORTON INTERNAT	SPORTON INTERNATIONAL INC.					
	No.52, Huaya 1st Rd., Guishan Dist. Taoyuan City Taiwan						
Test Site Location	Tel: 886-3-327-3456						
	FAX: +886-3-327-0978						
	Snowton Site No.	FCC designation No.					
Test Site No.	Sporton Site No.	FCC designation No.	Registration No.				
	TH05-HY	TW1190	553509				

Note: Test data subcontracted Conducted power in section 3.1 of this report.

Sporton International (Shenzhen) Inc. is accredited to ISO 17025 by National Voluntary Laboratory Accreditation Program (NVLAP code: 600156-0) and the FCC designation No is CN5019.

Test Site	Sporton International (Shenzhen) Inc.					
Test Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan District Shenzhen City Guangdong Province 518055 China TEL: +86-755-3320-2398					
Toot Site No	Sporton Site No.	FCC Test Firm Registration No.				
Test Site No.	03CH01-SZ	577730				

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

1.5 Applicable Standards

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

- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

 Sporton International (Shenzhen) Inc.
 Page Number
 : 6 of 17

 TEL: +86-755-8637-9589
 Report Issued Date
 : Jul. 31, 2018

 FAX: +86-755-8637-9595
 Report Version
 : Rev. 01

FCC ID : QYL8265NG Report Template No.: BU5-FR15CBT4.0 Version 2.0

2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
	0	2402	21	2444
	1	2404	22	2446
	2	2406	23	2448
	3	2408	24	2450
	4	2410	25	2452
	5	2412	26	2454
	6	2414	27	2456
	7	2416	28	2458
	8	2418	29	2460
	9	2420	30	2462
2400-2483.5 MHz	10	2422	31	2464
	11	2424	32	2466
	12	2426	33	2468
	13	2428	34	2470
	14	2430	35	2472
	15	2432	36	2474
	16	2434	37	2476
	17	2436	38	2478
	18	2438	39	2480
	19	2440	-	-
	20	2442	-	-

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TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 7 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No.: FR570164-39B

2.2 Test Mode

Preliminary tests were performed in different data rates and recorded the RF output power in the following table:

		Bluetooth RF Output Power
Channel	Eroguenev	Data Rate / Modulation
Chamilei	Frequency	GFSK
		LE
Ch00	2402MHz	5.58 dBm
Ch19	2440MHz	5.60 dBm
Ch39	2480MHz	5.62 dBm

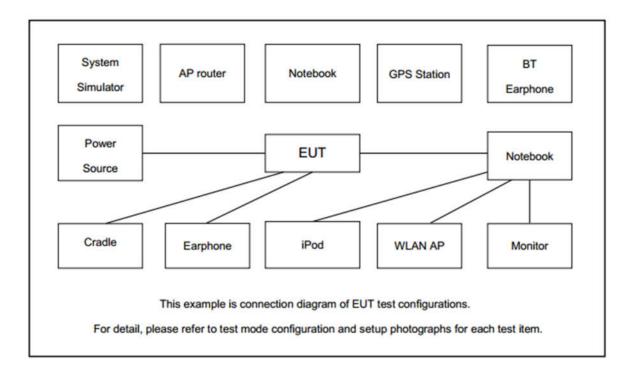
The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). Pre-scanned tests, X, Y, Z in three orthogonal panels to determine the final configuration (Z plane as worst plane) from all possible combinations.

Sporton International (Shenzhen) Inc. TEL: +86-755-8637-9589

FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 8 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No.: FR570164-39B

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	Apple	MC690ZP/A	N/A	Shielded, 1.0m	N/A

2.5 EUT Operation Test Setup

For Bluetooth LE function, the engineering test program was provided and enabled to make EUT continuous transmit/receive.

Sporton International (Shenzhen) Inc.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 9 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No.: FR570164-39B

3 Test Result

3.1 Output Power Measurement

3.1.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

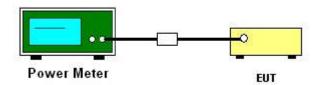
3.1.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.1.3 Test Procedures

- The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas.
 Guidance v04 section 9.1.3 PKPM1 Peak power meter method.
- 2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
- 3. Set to the maximum power setting and enable the EUT transmit continuously.
- 4. Measure the conducted output power and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.1.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

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TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 10 of 17
Report Issued Date : Jul. 31, 2018

Report No.: FR570164-39B

Report Version : Rev. 01
Report Template No.: BU5-FR15CBT4.0 Version 2.0

3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(meters)
0.009 - 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.2.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

Sporton International (Shenzhen) Inc.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 11 of 17
Report Issued Date : Jul. 31, 2018

Report No.: FR570164-39B

Report Version : Rev. 01

3.2.3 Test Procedures

- 1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.
- 2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
- 3. 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.
- 4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 5. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level
- 6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
- 7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3MHz for $f \ge 1$ GHz for peak measurement. For average measurement:
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

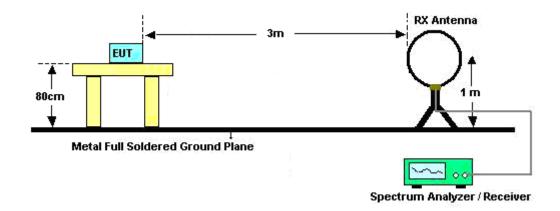
Sporton International (Shenzhen) Inc. TEL: +86-755-8637-9589

FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 12 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

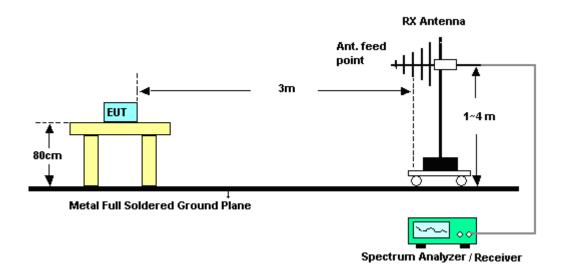
Report No.: FR570164-39B

3.2.4 Test Setup

For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz

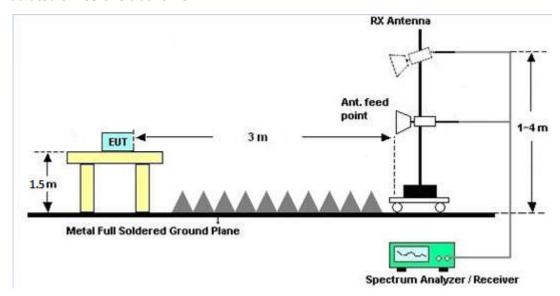


TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 13 of 17 Report Issued Date : Jul. 31, 2018

Report No.: FR570164-39B

Report Version : Rev. 01

For radiated emissions above 1GHz



3.2.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

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 semi-Anechoic chamber, and the result came out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.2.7 Duty Cycle

Please refer to Appendix D.

3.2.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix B and C.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 14 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No.: FR570164-39B

3.3 Antenna Requirements

3.3.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.3.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

Sporton International (Shenzhen) Inc.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 15 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No.: FR570164-39B

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	DTM-303A	TP157075	N/A	Mar. 06, 2018	Jun. 15, 2018	Mar. 05, 2019	Conducted (TH05-HY)
Power Meter	Agilent	E4416A	GB412923 44	N/A	Dec. 20, 2017	Jun. 15, 2018	Dec. 19, 2018	Conducted (TH05-HY)
Power Sensor	Agilent	E9327A	US404415 48	50MHz~18GHz	Dec. 20, 2017	Jun. 15, 2018	Dec. 19, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100055	9kHz~40GHz	Jun. 20, 2017	Jun. 15, 2018	Jun. 19, 2018	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Mar. 01, 2018	Jun. 15, 2018	Feb. 28, 2019	Conducted (TH05-HY)
EMI Test Receiver&SA	Agilent	N9038A	MY522601 85	20Hz~26.5GHz	Apr. 19, 2018	Jul. 06, 2018~ Jul. 08, 2018	Apr.18, 2019	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	May.14, 2018	Jul. 06, 2018~ Jul. 08, 2018	May.13, 2019	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Apr. 19, 2018	Jul. 06, 2018~ Jul. 08, 2018	Apr. 18, 2019	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS Lindgren	3117	119436	1GHz~18GHz	Jul. 28, 2017	Jul. 06, 2018~ Jul. 08, 2018	Jul. 27, 2018	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Mar.30, 2018	Jul. 06, 2018~ Jul. 08, 2018	Mar.29, 2019	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 19, 2018	Jul. 06, 2018~ Jul. 08, 2018	Apr.18, 2019	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P- R	1707137	1GHz~18GHz	Oct.19, 2017	Jul. 06, 2018~ Jul. 08, 2018	Oct 18, 2018	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY532701 04	0.5GHz~26.5Gh z	Oct.19, 2017	Jul. 06, 2018~ Jul. 08, 2018	Oct 18, 2018	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35- HG	1871923	18GHz~40GHz	Jul.18.2017	Jul. 06, 2018~ Jul. 08, 2018	Jul.17.2018	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001 985	N/A	NCR	Jul. 06, 2018~ Jul. 08, 2018	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 06, 2018~ Jul. 08, 2018	NCR	Radiation (03CH01-SZ)

NCR: No Calibration Required

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TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 16 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No. : FR570164-39B

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence	4.8dB
of 95% (U = 2Uc(y))	4.000

<u>Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)</u>

Measuring Uncertainty for a Level of Confidence	5.0dB
of 95% (U = 2Uc(y))	5.VGB

<u>Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)</u>

Measuring Uncertainty for a Level of Confidence	4.3dB
of 95% (U = 2Uc(y))	4.300

Sporton International (Shenzhen) Inc.

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: QYL8265NG Page Number : 17 of 17
Report Issued Date : Jul. 31, 2018
Report Version : Rev. 01

Report No. : FR570164-39B

Report Number : FR570164-39B

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2018/6/15	Relative Humidity:	51~54	%

TEST RESULTS DATA Peak Power Table

	Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)
ĺ	BLE	1Mbps	1	0	2402	5.58	30.00
ĺ	BLE	1Mbps	1	19	2440	5.60	30.00
	BLE	1Mbps	1	39	2480	5.62	30.00

TEST RESULTS DATA Average Power Table (Reporting Only)

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	
BLE	1Mbps	1	0	2402	2.06	5.00	
BLE	1Mbps	1	19	2440	2.06	5.17	
BLE	1Mbps	1	39	2480	2.06	5.36	

Appendix B. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dB _µ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		2360.12	46.47	-27.53	74	45.42	27.14	6.73	32.82	151	237	Р	Н
		2359.98	39.74	-14.26	54	38.69	27.14	6.73	32.82	151	237	Α	Н
	*	2440	105.8	-	-	104.3	27.37	6.86	32.73	151	237	Р	П
	*	2440	104.22	-	-	102.72	27.37	6.86	32.73	151	237	Α	Н
D. F.		2485.93	45.49	-28.51	74	43.81	27.46	6.91	32.69	151	237	Р	Н
BLE CH 19		2483.55	35.86	-18.14	54	34.18	27.46	6.91	32.69	151	237	Α	Н
2440MHz		2359.7	53.82	-20.18	74	48.37	31.54	6.73	32.82	144	325	Р	٧
2440WII 12		2359.84	50.53	-3.47	54	45.08	31.54	6.73	32.82	144	325	Α	7
	*	2440	106.89	-	-	101.05	31.71	6.86	32.73	144	325	Р	V
	*	2440	105.66	-	-	99.82	31.71	6.86	32.73	144	325	Α	٧
		2491.11	49.82	-24.18	74	43.65	31.93	6.91	32.67	144	325	Р	٧
		2484.67	40.04	-13.96	54	33.96	31.86	6.91	32.69	144	325	Α	٧

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TEL: +86-755-8637-9589 FAX: +86-755-8637-9595

2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBuV/m)	Limit (dB)	Line (dBµV/m)	Level	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg.	
		, ,	41.71	,	74	,	, ,	,	, ,	,		(F/ A)	
BLE		4880	41.71	-32.29	74	57.11	31.78	10.92	58.1	161	360	Р	Н
		7320	49.77	-24.23	74	58.66	35.69	13.29	57.87	161	360	Р	Н
CH 19 2440MHz		4880	41.99	-32.01	74	57.39	31.78	10.92	58.1	161	360	Р	٧
Z44UIVITIZ		7320	47.17	-26.83	74	56.06	35.69	13.29	57.87	161	360	Р	V

Remark

1. No other spurious found.

2. All results are PASS against Peak and Average limit line.

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: B2 of B5

Emission below 1GHz

2.4GHz BLE (LF)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	($dB\mu V/m$)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30	22.61	-17.39	40	29.68	24.3	0.23	31.6	-	1	Р	Н
		252.13	24.47	-21.53	46	34.56	19.05	1.87	31.01	-	1	Р	Н
		386.96	33.46	-12.54	46	40.83	21.38	2.35	31.1	100	125	Р	Н
		418.97	31.67	-14.33	46	38.26	22.05	2.46	31.1	-	-	Р	Н
0.4011		610.06	29.9	-16.1	46	33.32	24.74	3.04	31.2	-	-	Р	Н
2.4GHz		760.41	31.29	-14.71	46	33.34	25.76	3.49	31.3	-	1	Р	Н
BLE LF		33.88	27.19	-12.81	40	36.55	21.94	0.3	31.6	100	179	Р	7
_,		106.63	21.88	-21.62	43.5	35.26	17.2	0.91	31.49	-	1	Р	٧
		263.77	22.27	-23.73	46	31.6	19.79	1.91	31.03	-	1	Р	7
		357.86	24.07	-21.93	46	32.26	20.66	2.25	31.1	-	1	Р	/
		570.29	28.87	-17.13	46	32.82	24.34	2.91	31.2	-	-	Р	٧
		741.98	32.07	-13.93	46	34.37	25.56	3.43	31.29	-	-	Р	٧
				•		•							

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Remark 1. No other spurious found. 2. All results are PASS again All results are PASS against limit line.

Note symbol

Report No. : FR570164-39B

*	Fundamental Frequency which can be ignored. However, the level of any
	unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical

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A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dB _µ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	Р	Н
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	Α	Н

1. Level($dB\mu V/m$) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBµV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dB μ V/m) – Limit Line(dB μ V/m)

For Peak Limit @ 2390MHz:

- 1. Level(dBµV/m)
- = Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBµV) Preamp Factor(dB)
- $= 32.22(dB/m) + 4.58(dB) + 54.51(dB\mu V) 35.86 (dB)$
- $= 55.45 (dB\mu V/m)$
- 2. Over Limit(dB)
- = Level(dBµV/m) Limit Line(dBµV/m)
- $= 55.45(dB\mu V/m) 74(dB\mu V/m)$
- = -18.55(dB)

For Average Limit @ 2390MHz:

- 1. Level(dBµV/m)
- = Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBµV) Preamp Factor(dB)
- $= 32.22(dB/m) + 4.58(dB) + 42.6(dB\mu V) 35.86 (dB)$
- $= 43.54 (dB\mu V/m)$
- 2. Over Limit(dB)
- = Level($dB\mu V/m$) Limit Line($dB\mu V/m$)
- $= 43.54(dB\mu V/m) 54(dB\mu V/m)$
- = -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".

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Appendix C. Radiated Spurious Emission Plots

Note symbol

-L	Low channel location
-R	High channel location

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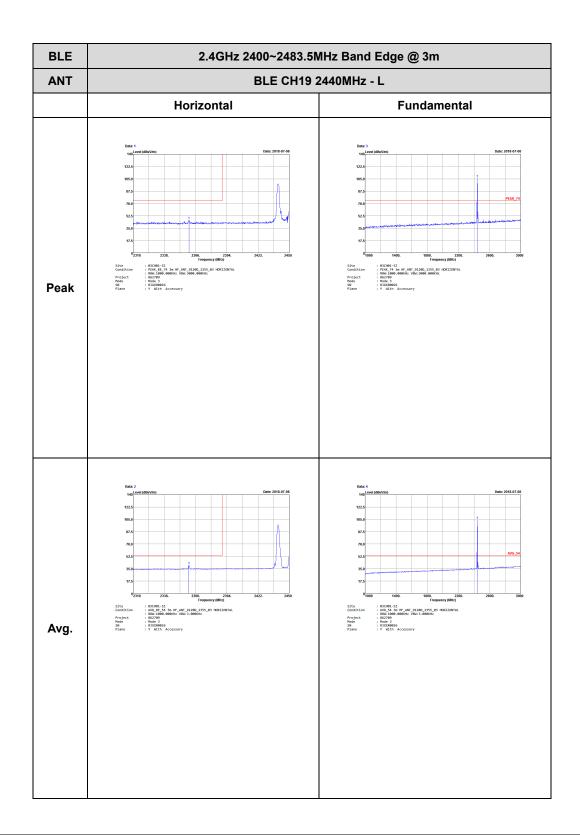
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: C1 of C7



2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

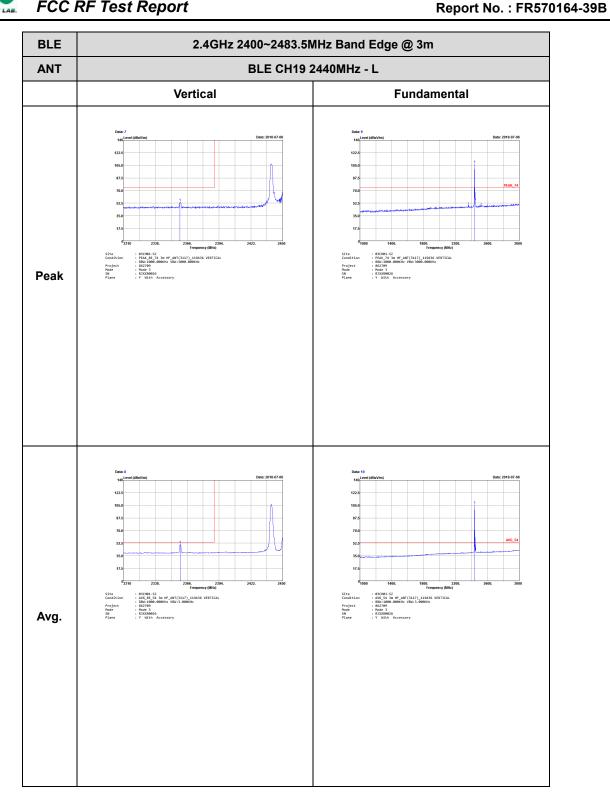


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BLE 2.4GHz 2400~2483.5MHz Band Edge @ 3m BLE CH19 2440MHz - R ANT Horizontal **Fundamental** Peak Avg.

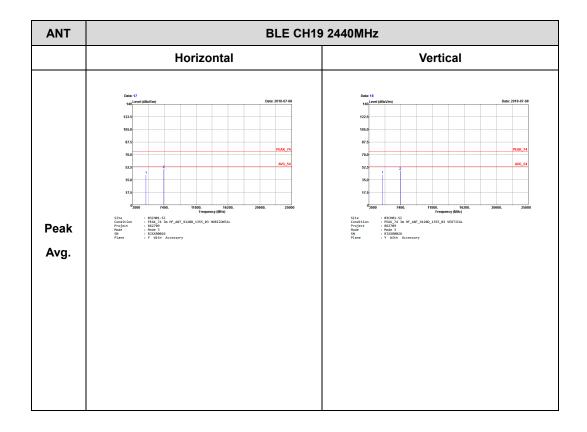
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BLE 2.4GHz 2400~2483.5MHz Band Edge @ 3m BLE CH19 2440MHz - R ANT Vertical **Fundamental** Peak Avg.



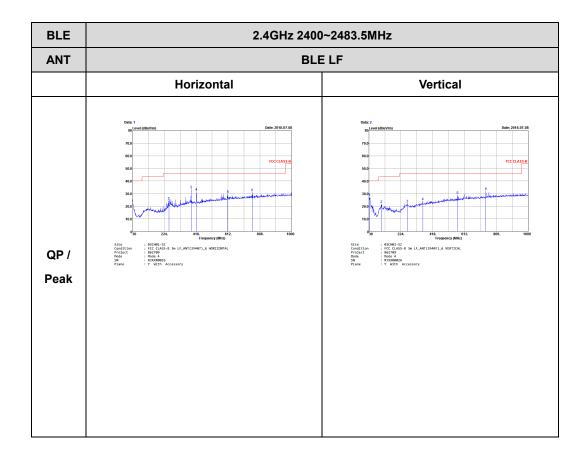
2.4GHz 2400~2483.5MHz BLE (Harmonic @ 3m)



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Emission below 1GHz 2.4GHz BLE (LF)



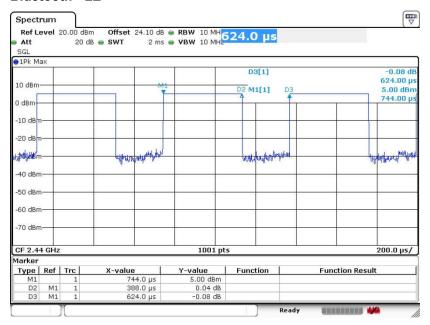
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Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
Bluetooth - LE	61.78	0.388	2.577	3kHz

Bluetooth - LE



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