

GTS Global United Technology Services Co., Ltd.

Report No.: GTS201804000036F01

# **FCC REPORT**

Applicant:	DZMY Holding LLC		
Address of Applicant:	221 Brook Manor Court, Cary, North Carolina 27513, United States		
Manufacturer:	DZMY Holding LLC		
Address of Manufacturer:	221 Brook Manor Court, Cary, North Carolina 27513, United States		
Factory:	Zhejiang Yankon Group Co.ltd		
Address of Factory:	208 Tongjiang Zhong Road, Shangyu District,Shaoxing, Zhejiang,China,312300		
Equipment Under Test (B	EUT)		
Product Name:	Wireless Control Node		
Model No.:	G5-SP-UNV-Zig-K		
Trade mark:	G5Smart		
FCC ID:	2AQIW-G5SPUNVZIGK		
Applicable standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247		
Date of sample receipt:	April 25, 2018		
Date of Test:	April 26, 2018-June 19, 2018		
Date of report issued:	June 20, 2018		
Test Result :	PASS *		

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



## Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



## 2 Version

Version No.	Date	Description
00	June 20, 2018	Original

Prepared By: Bill. yuan Date: June 20, 2018 Project Engineer Check By: Date: June 20, 2018 Reviewer

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# 4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203/15.247 (c)	Pass
AC Power Line Conducted Emission	15.207	Pass
Conducted Peak Output Power	15.247 (b)(3)	Pass
Channel Bandwidth	15.247 (a)(2)	Pass
Power Spectral Density	15.247 (e)	Pass
Band Edge	15.247(d)	Pass
Spurious Emission	15.205/15.209	Pass

Pass: The EUT complies with the essential requirements in the standard.

Remark : Test according to ANSI C63.10:2013

N/A means not applicable.

## 4.1 Measurement Uncertainty

Test Item	Frequency Range Measurement Uncertainty		Notes
Radiated Emission	9kHz ~ 30MHz	± 4.34dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 4.24dB	(1)
Radiated Emission	1GHz ~ 26.5GHz	± 4.68dB	(1)
AC Power Line Conducted Emission	± 3.45dB	(1)	
Note (1): The measurement unce	ertainty is for coverage factor of k	=2 and a level of confidence of 9	95%.



# 5 General Information

## 5.1 General Description of EUT

Product Name:	Wireless Control Node
Model No.:	G5-SP-UNV-Zig-K
Serial No.:	00124B00185034BC
Test sample(s) ID:	GTS201804000036-1
Sample(s) Status	Engineer sample
Hardware Version:	V2.1
Software Version:	V1.1.0
Operation Frequency:	2405MHz~2475MHz
Channel numbers:	15
Channel separation:	5MHz
Modulation type:	O-QPSK
Antenna Type:	Internal Antenna
Antenna gain:	3.0dBi(Max)
Power supply:	Universal AC input 120 VAC - 277 VAC, 50/60 Hz
	Power Consumption: 5W(Max)



Operation Frequency each of channel								
Channel	Channel Frequency Channel Frequency Channel Frequency						Frequency	
11	2405MHz	15	2425MHz	19	2445MHz	23	2465MHz	
12	2410MHz	16	2430MHz	20	2450MHz	24	2470MHz	
13	2415MHz	17	2435MHz	21	2455MHz	25	2475MHz	
14	2420MHz	18	2440MHz	22	2460MHz			

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2405MHz
The middle channel	2440MHz
The Highest channel	2475MHz



## 5.2 Test mode

Transmitting mode Keep the EUT in continuously transmitting mode.

Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

### 5.3 Description of Support Units

Manufacturer Description		Model	Serial Number
BF	Incandescent lamp	G100	N/A
SAIL	DC POWER SUPPLY	46B24L	7J3116161 2491

## 5.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### • FCC — Registration No.: 381383

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 381383, January 08, 2018

#### • Industry Canada (IC) — Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been

registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, August 15, 2016.

## 5.5 Test Location

All tests were performed at: Global United Technology Services Co., Ltd. Address: No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China Tel: 0755-27798480 Fax: 0755-27798960



# 6 Test Instruments list

Radiated Emission:								
ltem	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July 03 2015	July 02 2020		
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A		
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June 28 2017	June 27 2018		
4	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June 28 2017	June 27 2018		
5	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June 28 2017	June 27 2018		
6	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	9120D-829	GTS208	June 28 2017	June 27 2018		
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	June 28 2017	June 27 2018		
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A		
9	Coaxial Cable	GTS	N/A	GTS213	June 28 2017	June 27 2018		
10	Coaxial Cable	GTS	N/A	GTS211	June 28 2017	June 27 2018		
11	Coaxial cable	GTS	N/A	GTS210	June 28 2017	June 27 2018		
12	Coaxial Cable	GTS	N/A	GTS212	June 28 2017	June 27 2018		
13	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June 28 2017	June 27 2018		
14	Amplifier(2GHz-20GHz)	HP	8349B	GTS206	June 28 2017	June 27 2018		
15	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 28 2017	June 27 2018		
16	Band filter	Amindeon	82346	GTS219	June 28 2017	June 27 2018		
17	Power Meter	Anritsu	ML2495A	GTS540	June 28 2017	June 27 2018		
18	Power Sensor	Anritsu	MA2411B	GTS541	June 28 2017	June 27 2018		
19	Loop Antenna	ZHINAN	ZN30900A	GTS534	June 28 2017	June 27 2018		

Conducted Emission:									
ltem	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)			
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	May 16 2014	May 15 2019			
2	EMI Test Receiver	R&S	ESCI 7	GTS552	June 28 2017	June 27 2018			
3	Pulse Limiter	R&S	ESH3-Z2	GTS224	June 28 2017	June 27 2018			
4	Coaxial Switch	ANRITSU CORP	MP59B	GTS225	June 28 2017	June 27 2018			
5	Artificial Mains Network	SCHWARZBECK MESS	NSLK8127	GTS226	June 28 2017	June 27 2018			
6	Coaxial Cable	GTS	N/A	GTS227	June 28 2017	June 27 2018			
7	EMI Test Software	AUDIX	E3	N/A	N/A	N/A			
8	Thermo meter	KTJ	TA328	GTS233	June 28 2017	June 27 2018			

Gen	General used equipment:							
ltem	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)		
1	Barometer	ChangChun	DYM3	GTS257	June 28 2017	June 27 2018		



## 7 Test results and Measurement Data

## 7.1 Antenna requirement

Standard requirement:	FCC Part15 C Section 15.203 /247(c)

#### 15.203 requirement:

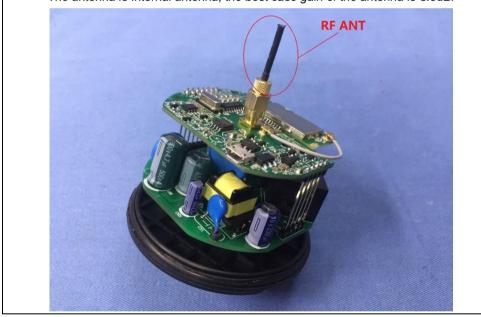
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### 15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

#### EUT Antenna:

The antenna is Internal antenna, the best case gain of the antenna is 3.0dBi





## 7.2 Conducted Emissions

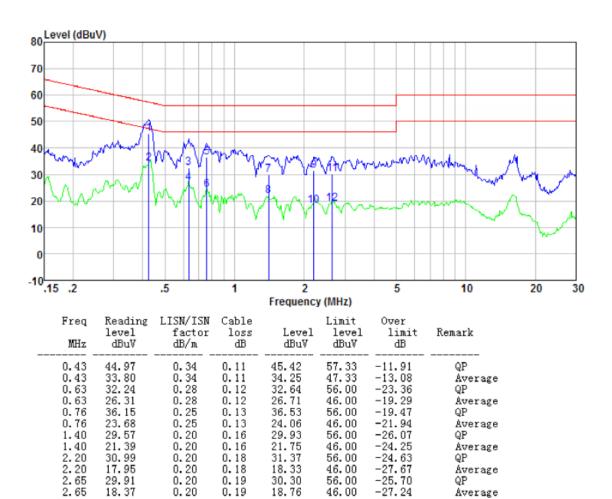
Test Requirement:	FCC Part15 C Section 15.207		
Test Method:	ANSI C63.10:2013		
Test Frequency Range:	150KHz to 30MHz		
Class / Severity:	Class B		
Receiver setup:	RBW=9KHz, VBW=30KHz, S	weep time=auto	
Limit:		Limit (c	lBuV)
	Frequency range (MHz)	Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarithn	n of the frequency.	
Test setup:	Reference Plane		
	AUX         Equipment         E.U.T         Test table/Insulation plane         Remarkc         E.U.T: Equipment Under Test         LISN: Line Impedence Stabilization Network         Test table height=0.8m	EMI Receiver	er
Test procedure:	<ol> <li>The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment.</li> <li>The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs).</li> <li>Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.</li> </ol>		
Test Instruments:	Refer to section 6.0 for details	•	
Test mode:	Refer to section 5.2 for details	•	
Test results:	Pass		



Remark: Both high and low voltages have been tested to show only the worst low voltage test data.

### **Measurement data**

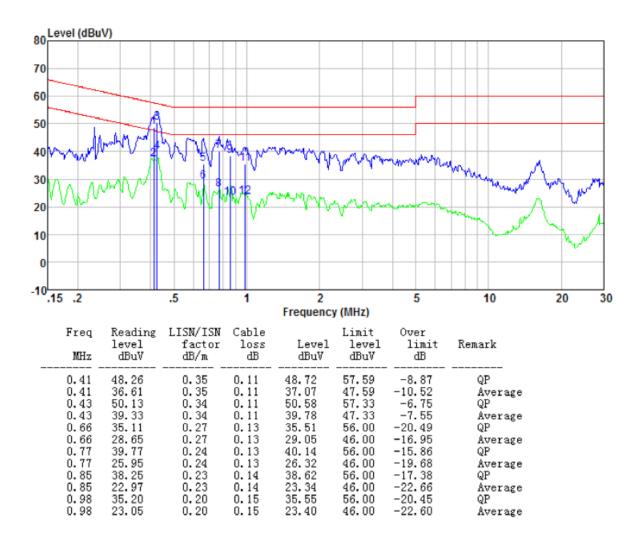
Line:



Average



#### Neutral:



Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.

2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3. Final Level =Receiver Read level + LISN Factor + Cable Loss

4. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.



## 7.3 Conducted Peak Output Power

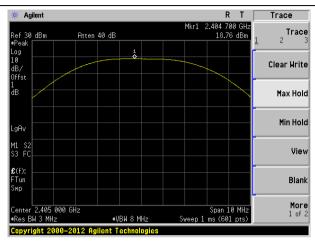
Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V04
Limit:	30dBm
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

#### Measurement Data

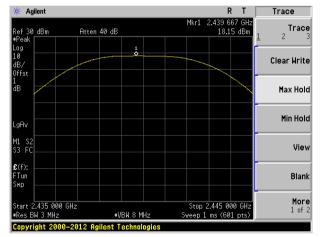
Frequency (MHz)	Peak Output Power (dBm)	Limit(dBm)	Result
2405	18.76		
2440	18.15	30	PASS
2475	17.98		



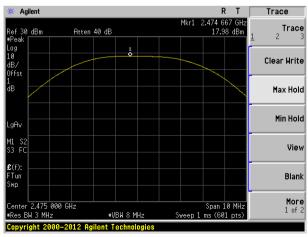
#### Test plot as follows:



2405MHz



2440MHz



2475MHz



## 7.4 Channel Bandwidth

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)	
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V04	
Limit:	>500KHz	
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane	
Test Instruments:	Refer to section 6.0 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	

#### Measurement Data

Frequency (MHz)	Channel Bandwidth (MHz)	Limit(KHz)	Result
2405	1.628		
2440	1.630	>500	Pass
2475	1.640		



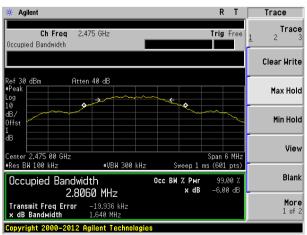
#### Test plot as follows:

🔆 Agilent	R	T Trace
Ch Freq 2.405 GHz Occupied Bandwidth	Trig	Free <u>1</u> 2 3
		Clear Write
Ref 30 dBm Atten 40 dB #Peak Log 10 • • • • • • • • • • • • • • • • • • •	~~~ <u>~</u>	Max Hold
dB/ Offst		Min Hold
dB Center 2.405 00 GHz •Res BW 100 kHz •VBW 301		6 MHz
Occupied Bandwidth 3.0351 MHz	Occ BW % Pwr 99	.00 % Blank
Transmit Freq Error -52.717 kHz × dB Bandwidth 1.628 MHz		More 1 of 2
Copyright 2000-2012 Agilent Techn	logies	

2405MHz

🔆 Agilent			RT	Trace
Ch Freq 2.4 Occupied Bandwidth	14 GHz		Trig Free	<b>Trace</b> <u>1</u> 2 3
				Clear Write
Ref 30 dBm Atte #Peak Log 10	n 40 dB	me.		Max Hold
dB/ Offst			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Min Hold
dB Center 2.440 00 GHz •Res BW 100 kHz	#VBW 300 kHz	Sween 1 m	Span 6 MHz s (601 pts)	View
Occupied Bandwid			99.00 % -6.00 dB	Blank
Z.JC Transmit Freq Error x dB Bandwidth	-39.019 kHz			More 1 of 2
Copyright 2000-2012 A	gilent Technologie:	8		

2440MHz



2475MHz



## 7.5 Power Spectral Density

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V04
Limit:	8dBm/3kHz
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

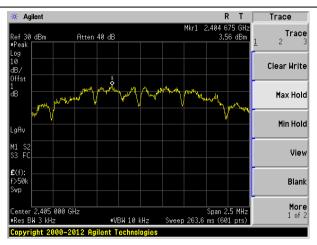
#### **Measurement Data**

Frequency (MHz)	Power Spectral Density (dBm)	Limit (dBm/3kHz)	Result
2405	3.56		
2440	3.65	8.00	Pass
2475	2.66		

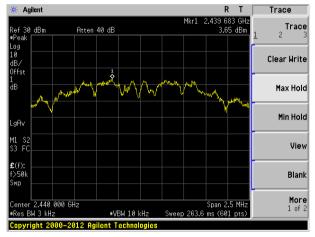


#### Test plot as follows:

#### Report No.: GTS201804000036F01



2405MHz



2440MHz



<sup>2475</sup>MHz



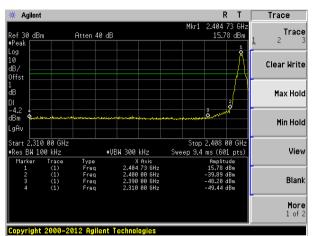
## 7.6 Band edges

## 7.6.1 Conducted Emission Method

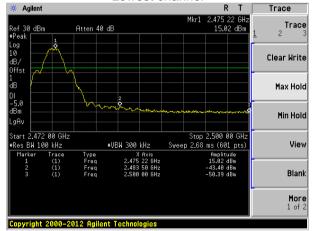
Tast Day in sect			
Test Requirement:	FCC Part15 C Section 15.247 (d)		
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V04		
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.		
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane		
Test Instruments:	Refer to section 6.0 for details		
Test mode:	Refer to section 5.2 for details		
Test results:	Pass		



#### Test plot as follows:



Lowest channel



Highest channel



## 7.6.2 Radiated Emission Method

Test Requirement:	FCC Part15 C S	ection 15.20	9 and 15.205		
Test Method:	ANSI C63.10:20	13			
Test Frequency Range:	All of the restrict bands were tested, only the worst band's (2310MHz to				
	2500MHz) data was showed.				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
		Peak	1MHz	3MHz	Peak
	Above 1GHz	RMS	1MHz	3MHz	Average
Limit:	Freque		Limit (dBuV/	/m @3m)	Value
			54.00		Average
	Above 1	GHz	74.00		Peak
	<pre></pre>				
Test Procedure:	<ol> <li>The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> <li>The radiation measurements are performed in X, Y, Z axis positioning. And found the Y axis positioning which it is worse case, only the test</li> </ol>				
	average meth 7. The radiation And found the	od as specif measureme Y axis posit	ied and then rent in the rent in the second se	eported in a c med in X, Y, Z t is worse cas	data sheet. Z axis positioning.
Test Instruments:	average meth 7. The radiation And found the worst case m	od as specif measureme e Y axis posit ode is record	ied and then rents are perform nts are perform ioning which in led in the repo	eported in a c med in X, Y, Z t is worse cas	data sheet. Z axis positioning
Test Instruments: Test mode:	average meth 7. The radiation And found the	od as specif measureme e Y axis posit ode is recorc 6.0 for detail	ied and then r nts are perforr ioning which i led in the repo s	eported in a c med in X, Y, Z t is worse cas	data sheet. Z axis positioning



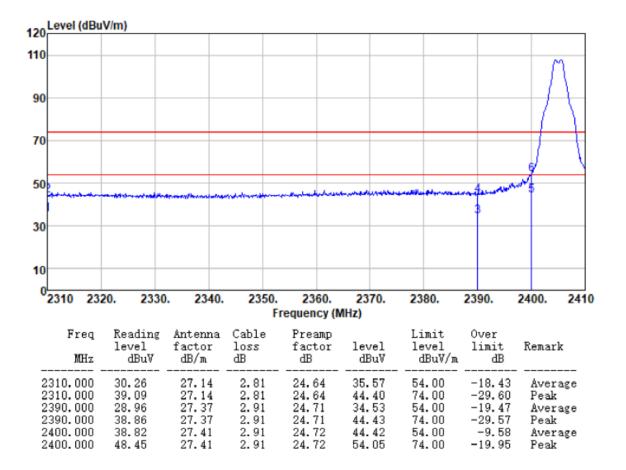
#### Measurement data:

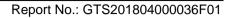
#### Report No.: GTS201804000036F01

Remark: The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.

Test channel:	2405MHz
---------------	---------

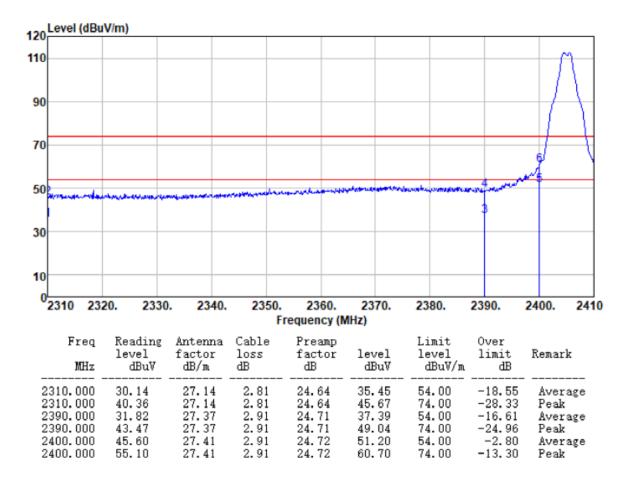
Horizontal:





Vertical:

GTS





2483.500

2500.000

2500.000

42.54

28.09

38.46

27.70

27.70

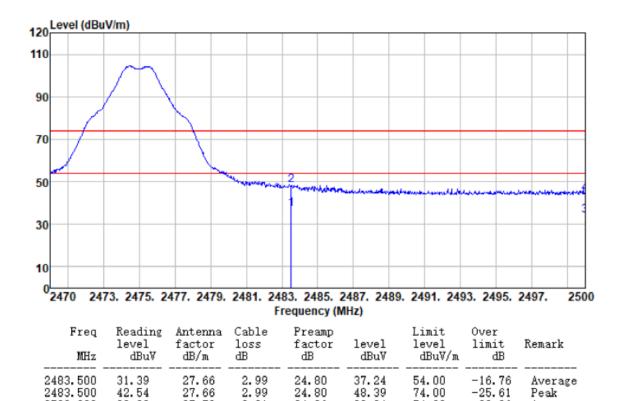
3.01

3.01

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<b>-</b>	·
Test channel:	2475MHz

Horizontal:



24.80

24.86

24.86

74.00

54.00

74.00

48.39

33.94

44.31

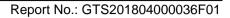
Peak

Peak

Average

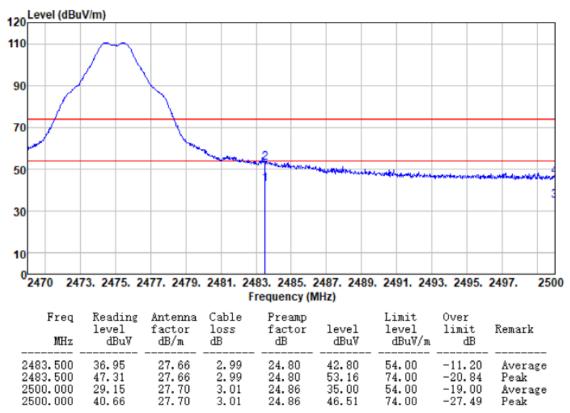
-20.06

-29.69





Vertical:



Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

2. The emission levels of other frequencies are very lower than the limit and not show in test report.



# 7.7 Spurious Emission

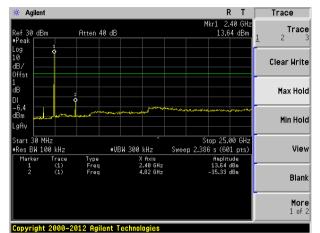
## 7.7.1 Conducted Emission Method

Test Requirement:	FCC Part15 C Section 15.247 (d)	
Test Method:	ANSI C63.10:2013 and KDB558074 D01 DTS Meas Guidance V04	
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.	
Test setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane	
Test Instruments:	Refer to section 6.0 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	



#### Test plot as follows:

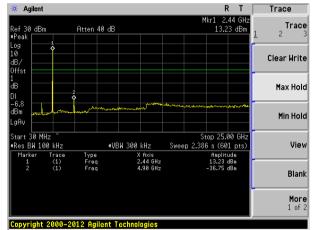
Lowest channel



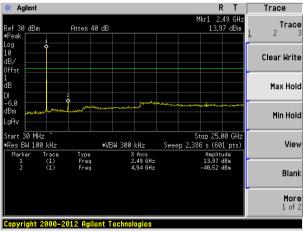
30MHz~25GHz

#### Middle channel

Highest channel



30MHz~25GHz





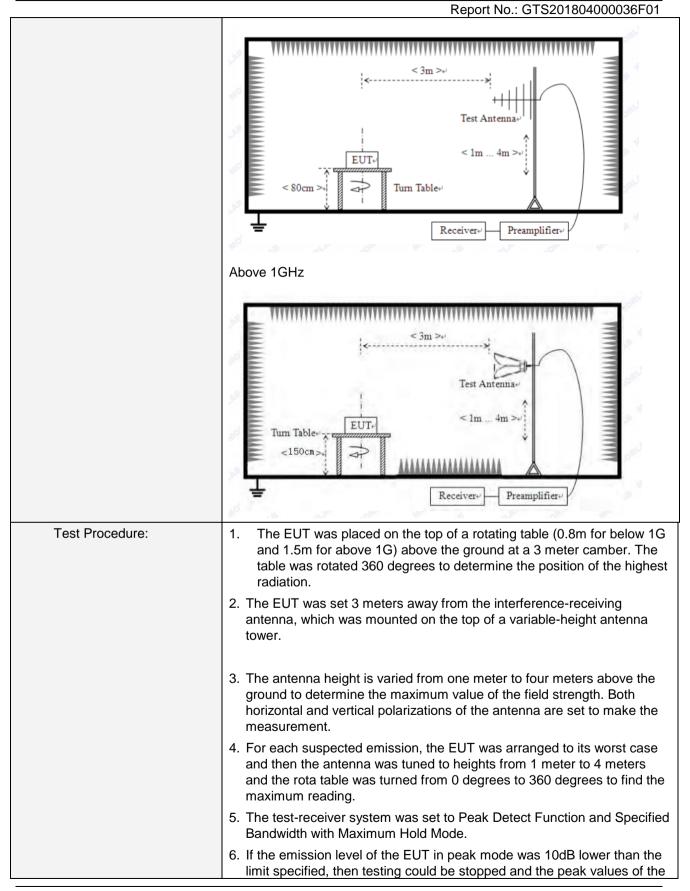
Global United Technology Services Co., Ltd. No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China Telephone: +86 (0) 755 2779 8480 Fax: +86 (0) 755 2779 8960



## 7.7.2 Radiated Emission Method

Test Requirement:	FCC Part15 C Section	on 15	5.209				
Test Method:	ANSI C63.10:2013						
Test Frequency Range:	9kHz to 25GHz						
Test site:	Measurement Distance: 3m						
Receiver setup:	Frequency	Frequency Detector		RBW		VBW	Value
	9KHz-150KHz Quasi-peak		200Hz		600Hz	z Quasi-peak	
	150KHz-30MHz	Qı	uasi-peak	9Kł	Ηz	30KHz	z Quasi-peak
	30MHz-1GHz	Qı	uasi-peak	100KHz		300KH	z Quasi-peak
	Above 1GHz		Peak	1MI	Ηz	3MHz	Peak
	Above ronz		Peak	1MI	Ηz	10Hz	Average
Limit: (Spurious Emissions)	Frequency Limit (u)		//m)	m) Value		Measurement Distance	
	0.009MHz-0.490M	Hz	2400/F(KHz)			QP	300m
	0.490MHz-1.705MH		24000/F(	24000/F(KHz)		QP	300m
	1.705MHz-30MHz		30	30		QP	30m
	30MHz-88MHz		100		QP		
	88MHz-216MHz		150		QP		
	216MHz-960MHz		200			QP	3m
	960MHz-1GHz Above 1GHz		500			QP	
			500				
	5000 Peak						
Test setup:	Below 30MHz $ \int \frac{\langle 3m \rangle e}{Im} + \int \frac{\langle 3m \rangle e}{Im} + \int \frac{\langle m \rangle e}{I$						
	Below 1GHz						







	Report No.: GTS201804000036F01
	EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or
	average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

#### Measurement data:

#### 9 kHz ~ 30 MHz

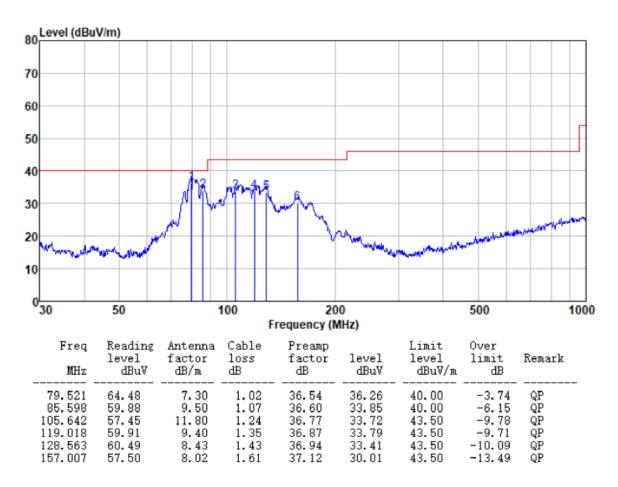
The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

#### Remark:

Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

#### Below 1GHz

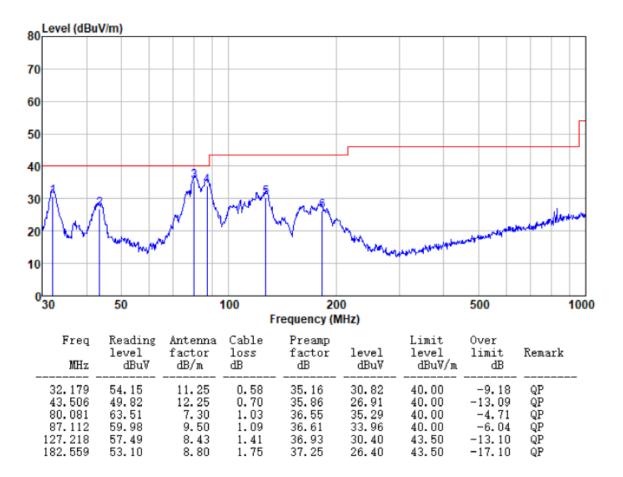
#### Horizontal:



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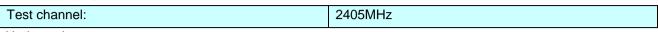


#### Vertical:

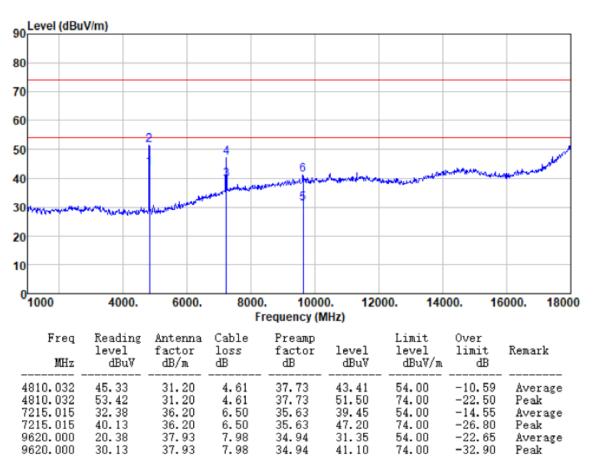




#### Above 1GHz

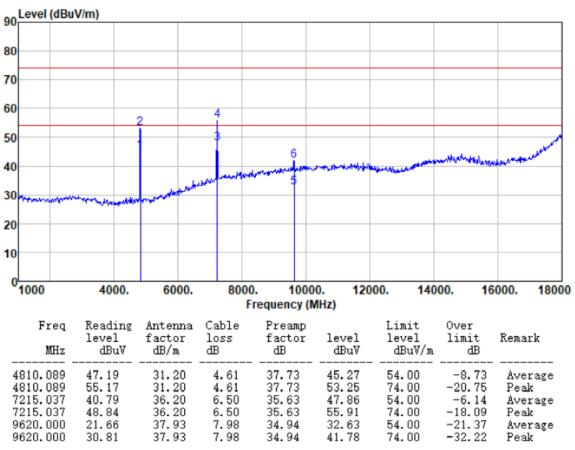


Horizontal:



## Report No.: GTS201804000036F01

#### Vertical:



Remark:

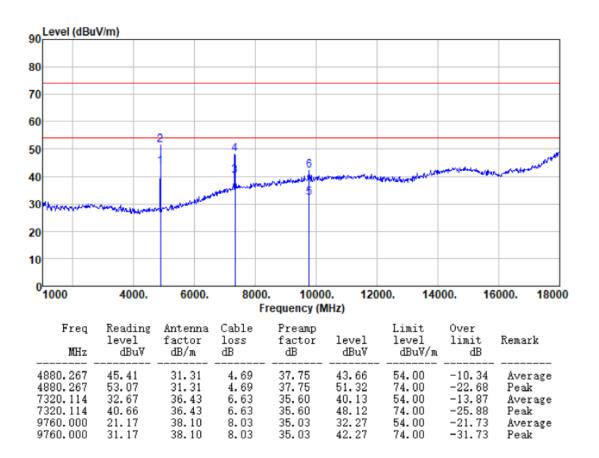
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

2. "\*", means this data is the too weak instrument of signal is unable to test.

#### Report No.: GTS201804000036F01

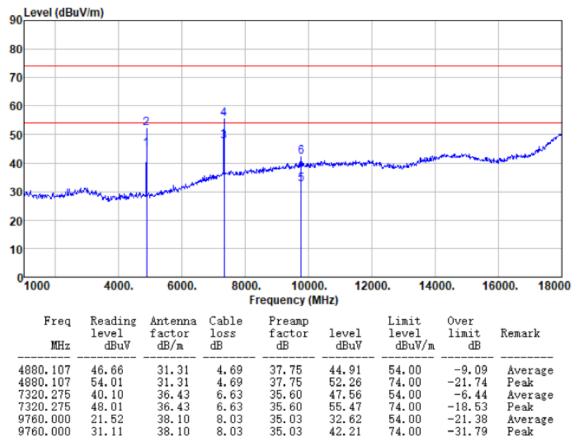
Test channel:	2440MHz

Horizontal:



#### Report No.: GTS201804000036F01

#### Vertical:



Remark:

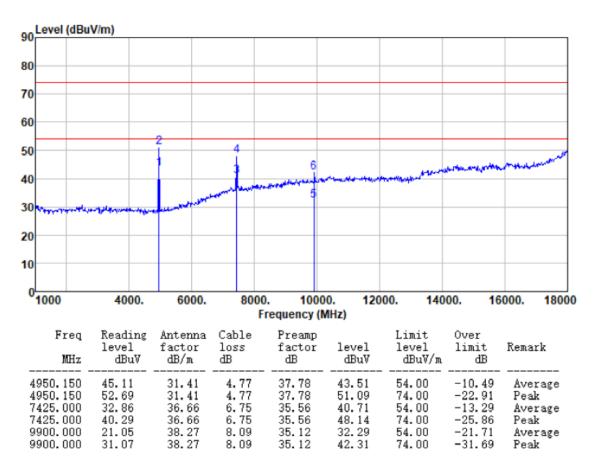
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor

2. *"\*"*, means this data is the too weak instrument of signal is unable to test.

#### Report No.: GTS201804000036F01

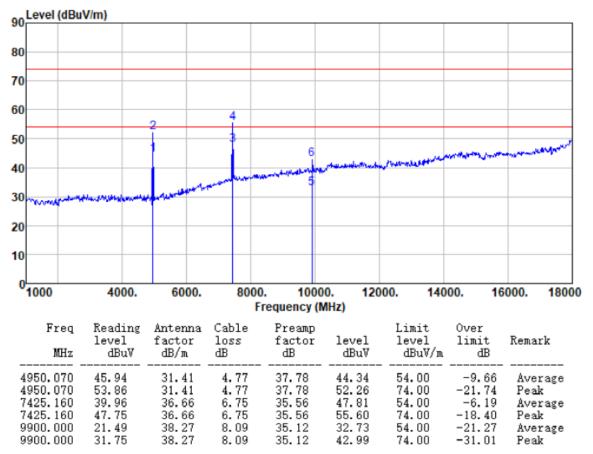
Test channel: 2475MHz

Horizontal:



### Report No.: GTS201804000036F01

#### Vertical:



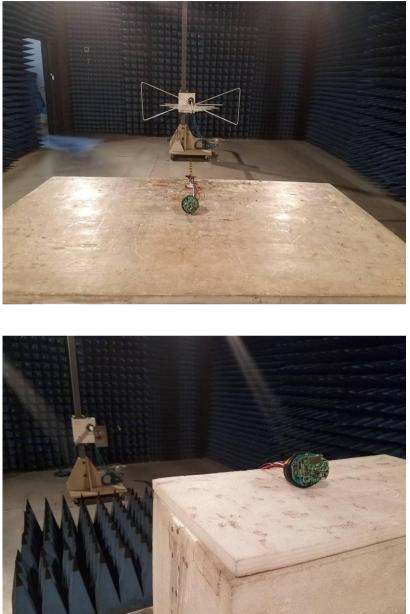
#### Remark:

- 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. *"\*", means this data is the too weak instrument of signal is unable to test.*



## 8 Test Setup Photo

Radiated Emission





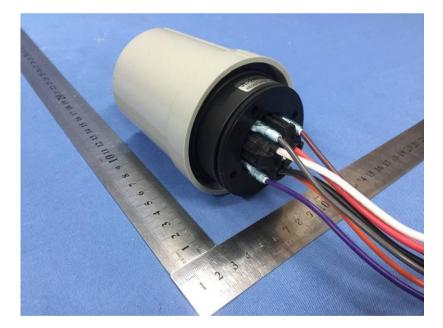
#### **Conducted Emission**



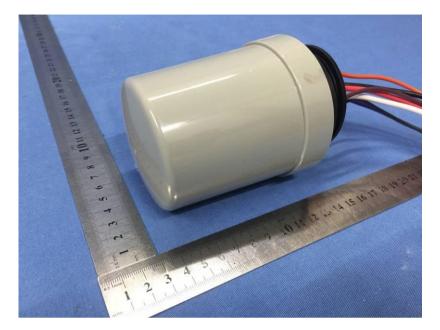


## 9 EUT Constructional Details



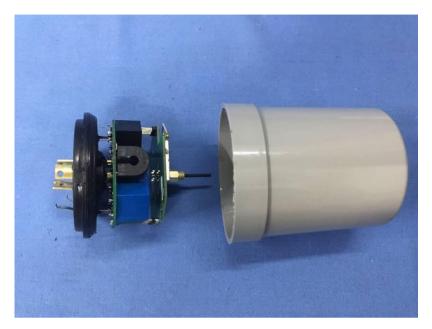


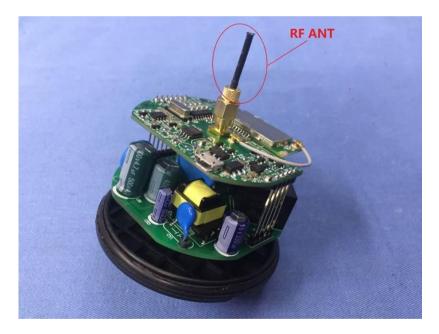






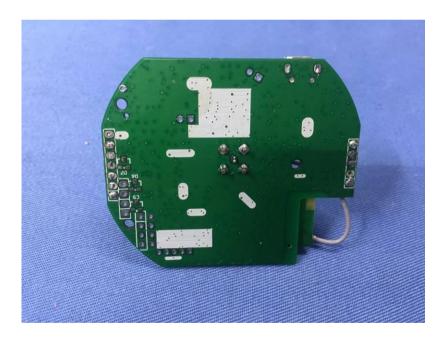






















-----End------