TEST REPORT

Report No. ……:	**KS2206S2730E02**
FCC ID……:	**2AHYV-GWKPOP**
Applicant……:	**PEAG, LLC dba JLab Audio**
Address……:	5927 Landau Ct. Carlsbad, CA 92008 , USA
Manufacturer……:	GuangDong Simpreal Intelligent Technology Co., Ltd
Address……:	Room 2408, JiaHong ZhenXing DaSha, DongGuan Avenue #13, DongCheng District, DongGuan City, GuangDong Province, P.R. China
Factory……:	GuangDong Simpreal Intelligent Technology Co., Ltd
Address……:	Room 2408, JiaHong ZhenXing DaSha, DongGuan Avenue #13, DongCheng District, DongGuan City, GuangDong Province, P.R. China
Product Name……:	**WIRELESS ON-EAR HEADSET**
Trade Mark……:	JLAB
Model/Type reference……:	GO WORK POP
Listed Model(s) ……:	N/A
Standard……:	**FCC 15.247**
Date of receipt of test sample….:	June. 23, 2022
Date of testing……..:	June. 23, 2022~June. 28, 2022
Date of issue……....:	June. 28, 2022
Test Result……..……:	**Pass**

Prepared by: (Printed name+ signature)	Sky Dong	
Approved by: (Printed name + Signature)	Neil Wan	

Testing Laboratory Name……:	**KSIGN(Guangdong) Testing Co., Ltd.**
Address……:	West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu,Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China

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1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.247: Operation within the bands of 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz.

KDB 558074 D01：The measurement guidance provided herein is applicable only to Digital Transmission System (DTS) devices operating in the 902-928 MHz. 2400-2483.5 MHz and/or 5725-5850 MHz bands under §15.247 of the FCC rules (Title 47 of the Code of Federal Regulations).

ANSI C63.10-2020: American National Standard for Testing Unlicensed Wireless Devices.

1.2. Report version

Revised No.	Date of issue	Description
01	June. 28, 2022	Original

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1.3. Test Description

FCC Part 15 Subpart C(15.247)			
Test Item	Standard Section	Result	Test Engineer
	FCC		
Antenna Requirement	15.203	Pass	Tom Chen
Conducted Emission	15.207	Pass	Tom Chen
Restricted Bands	15.205	Pass	Tom Chen
Hopping Channel Separation	15.247(a)(1)	Pass	Tom Chen
Dwell Time	15.247(a)(1)	Pass	Tom Chen
Peak Output Power	15.247(b)(1)	Pass	Tom Chen
Number of Hopping Frequency	15.247 (a)(1)	Pass	Tom Chen
Band Edge Emissions	15.247(d)	Pass	Tom Chen
Radiated Spurious Emission	15.247(c)&15.209	Pass	Tom Chen
99% Occupied Bandwidth & 20dB Bandwidth	15.247(a)(1)	Pass	Tom Chen
Pseudorandom Frequency Hopping Sequence	15.247 (a)(1)	Pass	Tom Chen

Note:

The measurement uncertainty is not included in the test result.

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1.4. Test Facility

Address of the report laboratory

KSIGN(Guangdong) Testing Co., Ltd.

West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu,Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, People's Republic of China

Laboratory accreditation

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

CNAS-Lab Code: L13261

KSIGN(Guangdong) Testing Co., Ltd. has been assessed and proved to be in Compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No.: 5457.01

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

ISED#: 25693 CAB identifier.: CN0096

KSIGN(Guangdong) Testing Co., Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

FCC-Registration No.: 294912 Designation Number: CN1328

KSIGN(Guangdong) Testing Co., Ltd. EMC Laboratory has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

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1.5. Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01" Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics; Part 2 " and is documented in the KSIGN(Guangdong) Testing Co., Ltd. system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device. Below is the best measurement capability for KSIGN(Guangdong) Testing Co., Ltd.

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.42 dB	(1)
Transmitter power Radiated	2.14 dB	(1)
Conducted spurious emissions 9kHz~40GHz	1.60 dB	(1)
Radiated spurious emissions 9kHz~40GHz	2.20 dB	(1)
Conducted Emissions 9kHz~30MHz	3.20 dB	(1)
Radiated Emissions 30~1000MHz	4.70 dB	(1)
Radiated Emissions 1~18GHz	5.00 dB	(1)
Radiated Emissions 18~40GHz	5.54 dB	(1)
Occupied Bandwidth	2.80 dB	(1)

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

1.6. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15~35°C
Relative Humidity:	30~60 %
Air Pressure:	950~1050mba

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2. GENERAL INFORMATION

2.1. General Description of EUT

Test Sample Number:	1-1-1(Normal Sample),1-1-2(Engineering Sample）
Product Name:	WIRELESS ON-EAR HEADSET
Trademark:	JLAB
Model/Type reference:	GO WORK POP
Listed Model(s):	N/A
Model Difference:	N/A
Power supply:	DC 5.0V
Power supply(Battery):	DC 3.7V
Hardware version:	V5
Software version:	V06
Bluetooth	
Modulation:	GFSK, π/4-DQPSK, 8DPSK
Operation frequency:	2402MHz~2480MHz
Max Peak Output Power:	DH5：0.23dBm 2DH5：0.77dBm 3DH5：0.11dBm
Channel number:	79
Channel separation:	1MHz
Antenna type:	Ceramic Antenna
Antenna gain:	5dBi

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2.2. Operation state

Operation Frequency List: The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing. BT EDR, 79 channels are provided to the EUT. Channels 00/39/78 were selected for testing.

Operation Frequency List:

Channel	Frequency (MHz)
00	**2402**
01	2403
⋮	⋮
38	2440
39	**2441**
40	2442
⋮	⋮
77	2479
78	**2480**

Note: The display in gray were the channel selected for testing.

Test mode

NO.	TEST MODE DESCRIPTION
1	Low channel GFSK
2	Middle channel GFSK
3	High channel GFSK
4	Low channel π/4-DQPSK
5	Middle channel π/4-DQPSK
6	High channel π/4-DQPSK
7	Low channel 8DPSK
8	Middle channel 8DPSK
9	High channel 8DPSK
10	Hopping mode GFSK
11	Hopping mode π/4-DQPSK
12	Hopping mode 8DPSK

Note:

1. Only the result of the worst case was recorded in the report, if no other cases.
2.The test software is the Blue Test 3 which can set the EUT into the individual test modes.

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2.3. Measurement Instruments List

Tonscend JS0806-2 Test system					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
1	Spectrum Analyzer	R&S	FSV40-N	101798	03/04/2023
2	Vector Signal Generator	Agilent	N5182A	MY50142520	03/04/2023
3	Analog Signal Generator	HP	83752A	3344A00337	03/04/2023
4	Power Sensor	Agilent	E9304A	MY50390009	03/04/2023
5	Power Sensor	Agilent	E9300A	MY41498315	03/04/2023
6	Wideband Radio Communication Tester	R&S	CMW500	157282	03/04/2023
7	Climate Chamber	Angul	AGNH80L	1903042120	03/04/2023
8	Dual Output DC Power Supply	Agilent	E3646A	MY40009992	03/04/2023
9	RF Control Unit	Tonscend	JS0806-2	/	03/04/2023

Transmitter spurious emissions & Receiver spurious emissions					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
1	EMI Test Receiver	R&S	ESR	102525	03/04/2023
2	High Pass Filter	Chengdu E-Microwave	OHF-3-18-S	0E01901038	03/04/2023
3	High Pass Filter	Chengdu E-Microwave	OHF-6.5-18-S	0E01901039	03/04/2023
4	Spectrum Analyzer	HP	8593E	3831U02087	03/04/2023
5	Ultra-Broadband logarithmic period Antenna	Schwarzbeck	VULB 9163	01230	12/04/2023
6	Loop Antenna	Beijin ZHINAN	ZN30900C	18050	03/04/2023
7	Spectrum Analyzer	R&S	FSV40-N	101798	03/04/2023
8	Horn Antenna	Schwarzbeck	BBHA 9120 D	2023	03/29/2023
9	Pre-Amplifier	Schwarzbeck	BBV 9745	9745#129	03/04/2023
10	Pre-Amplifier	EMCI	EMC051835SE	980662	03/04/2023
11	Pre-Amplifier	Schwarzbeck	BBV-9721	57	03/04/2023
12	Horn Antenna	Schwarzbeck	BBHA 9170	00939	03/04/2023

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	LISN	R&S	ENV432	1326.6105.02	03/04/202
2	EMI Test Receiver	R&S	ESR	102524	03/04/202
3	Manual RF Switch	JS TOYO	/	MSW-01/002	03/04/202

Note:
1)The Cal. Interval was one year.
2)The cable loss has calculated in test result which connection between each test instruments.

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2.4. Test Software

Software name	Model	Version
Conducted emission Measurement Software	EZ-EMC	EMC-Con 3A1.1
Radiated emission Measurement Software	EZ-EMC	FA-03A.2.RE
Bluetooth and WIFI Test System	JS1120-3	2.5.77.0418

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3. TEST ITEM AND RESULTS

3.1. Antenna requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

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.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(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.

Test Result

The directional gain of the antenna less than 6dBi, please refer to the EUT internal photographs antenna photo.

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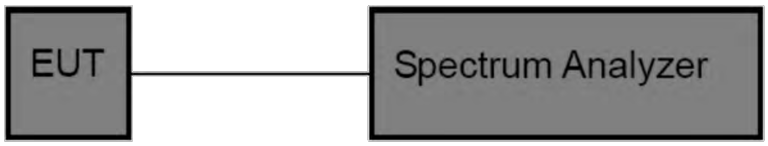
3.2. Peak Output Power

Limit

Test Item	Limit	Frequency Range(MHz)
Peak Output Power	Hopping Channels>75 Power<1W(30dBm) Other <125mW(21dBm)	2400~2483.5

Test Configuration



Test Procedure

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
2. Spectrum Setting:
   Peak Detector: RBW=1 MHz, VBW=3 MHz for bandwidth less than 1MHz.
   RBW=3 MHz, VBW=10 MHz for bandwidth more than 1MHz.

Test Mode

Please refer to the clause 2.2

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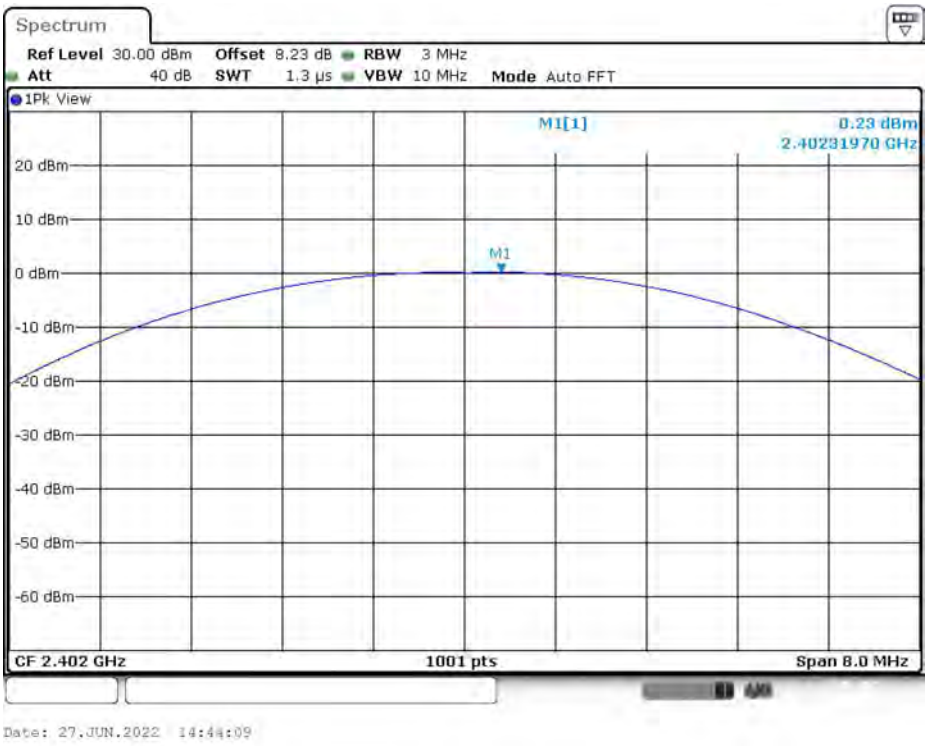
Test Result

Test Mode:	DH5	
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
2402	0.23	30
2441	0.04	
2480	-0.66	
2402 MHz		



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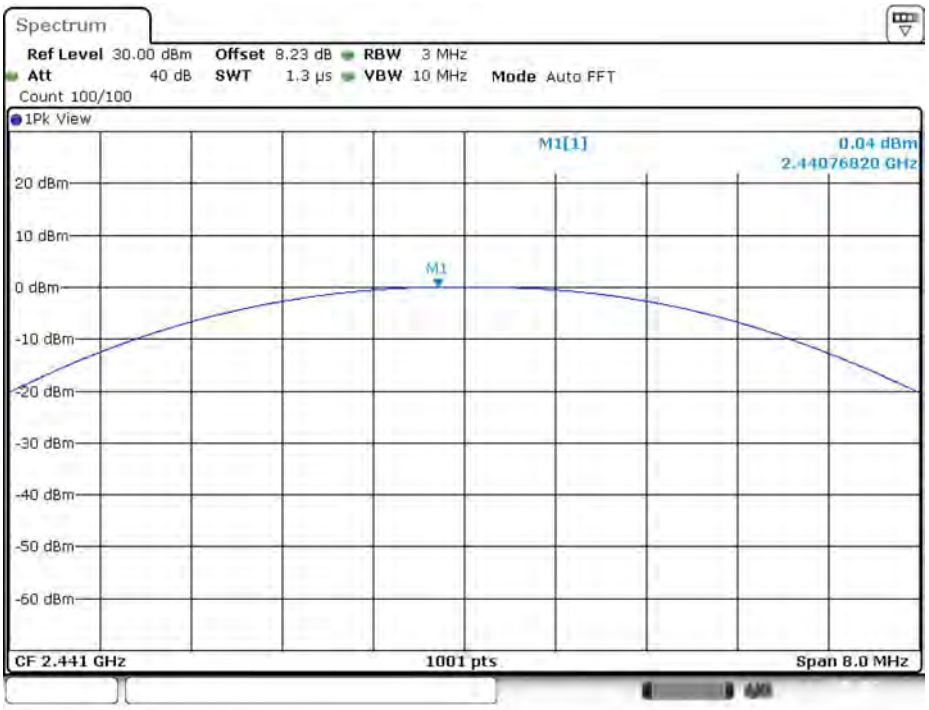
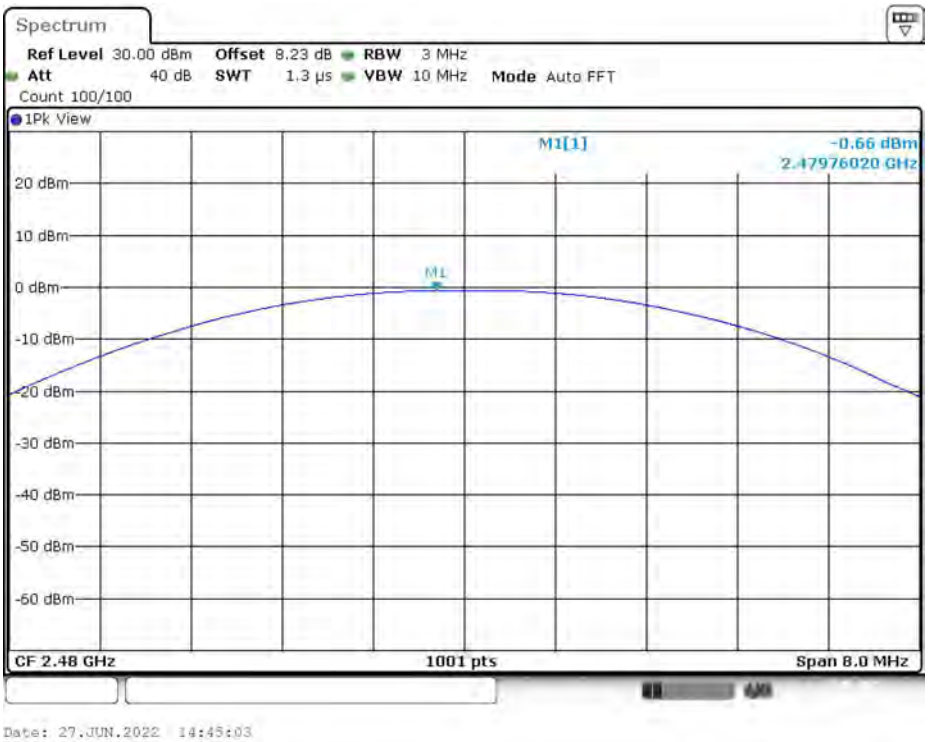
2441 MHz



2480 MHz



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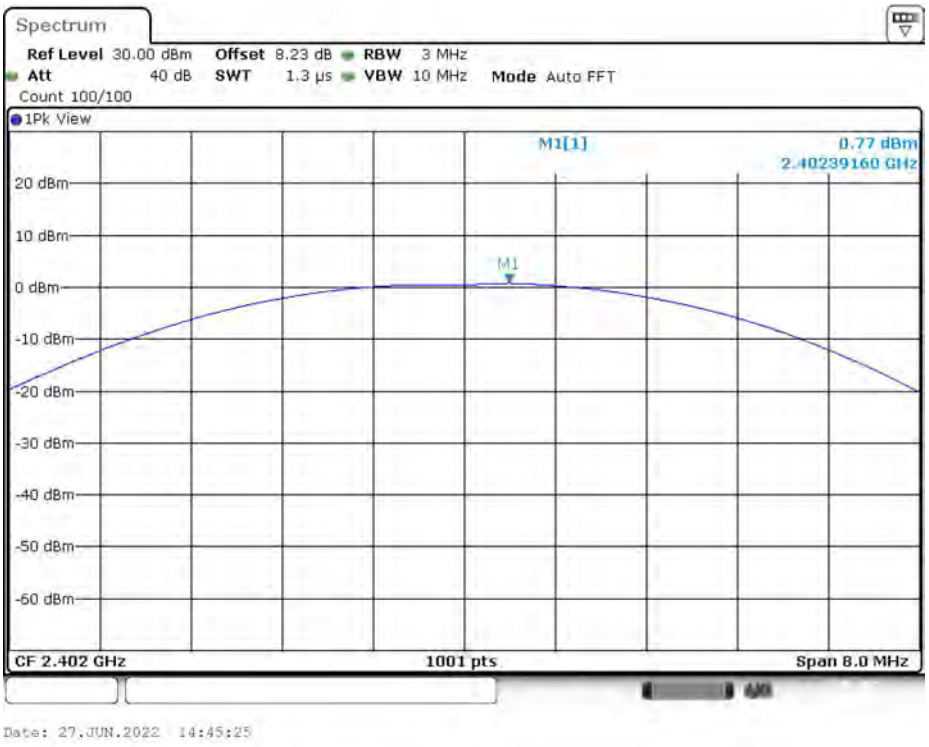
Test Mode:	2DH5	
Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)
2402	0.77	30
2441	0.6	
2480	0.15	
2402 MHz		



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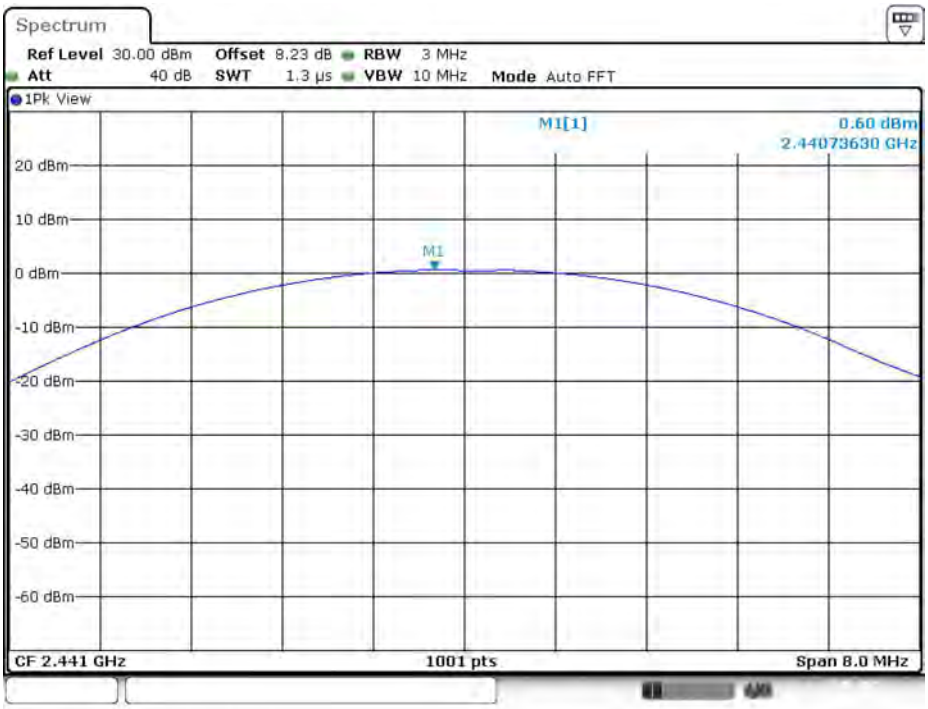
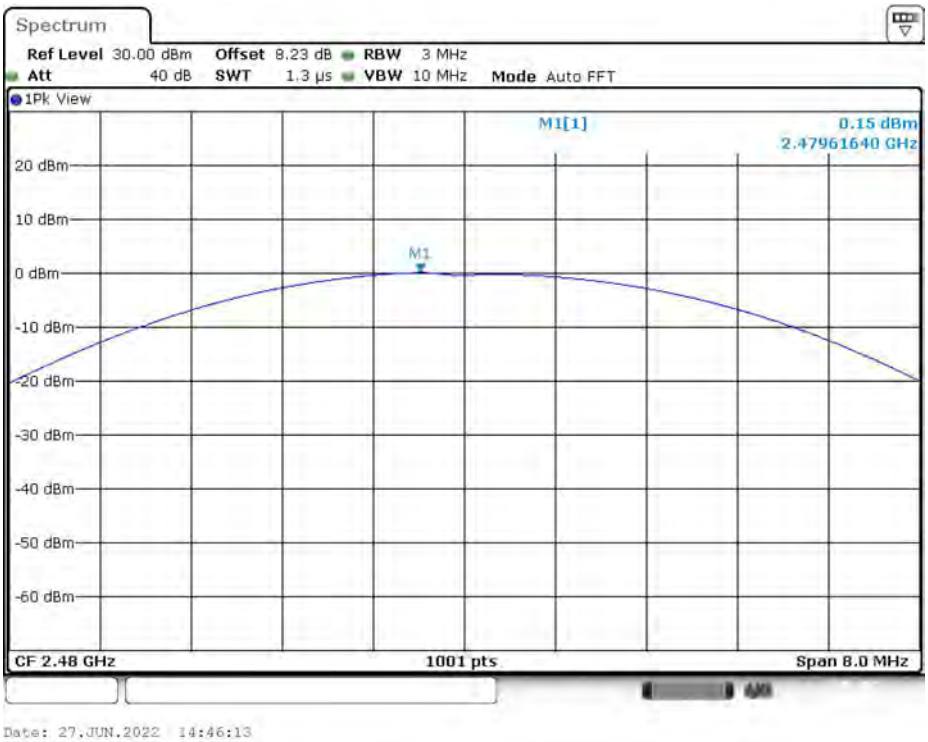
2441 MHz



2480 MHz



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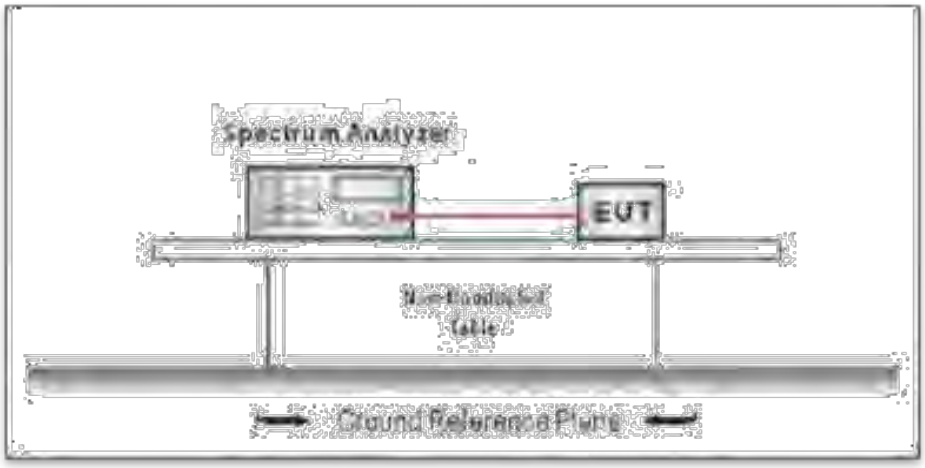
3.3. 20dB Bandwidth

Limit

Test Item	Limit	Frequency Range(MHz)
Bandwidth	N/A	2400~2483.5

Test Configuration



Test Procedure

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
2. Spectrum Setting:

   (1) Set RBW = 30 kHz.
   (2) Set the video bandwidth (VBW) ≥ 3*RBW.
   (3) Detector = Peak.
   (4) Trace mode = Max hold.
   (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

Please refer to the clause 2.2.

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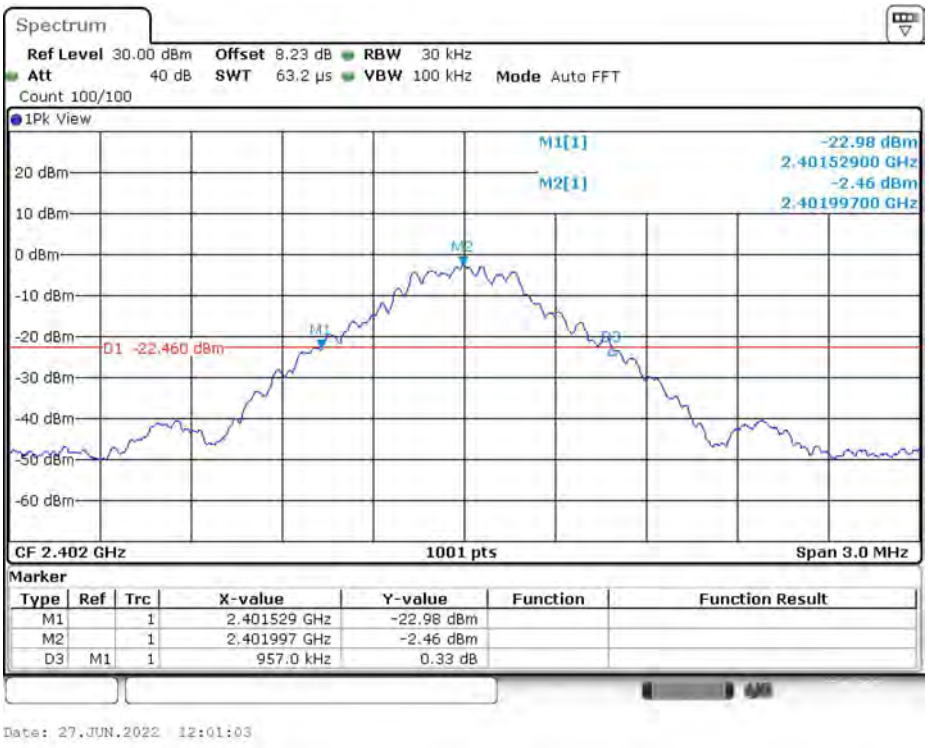
Test Results

Test Mode:	DH5			
Channel frequency (MHz)	20dB Bandwidth [MHz]	FL[MHz]	FH[MHz]	Verdict
2402	0.957	2401.53	2402.49	PASS
2441	0.957	2440.53	2441.49	PASS
2480	0.957	2479.53	2480.49	PASS
2402 MHz				



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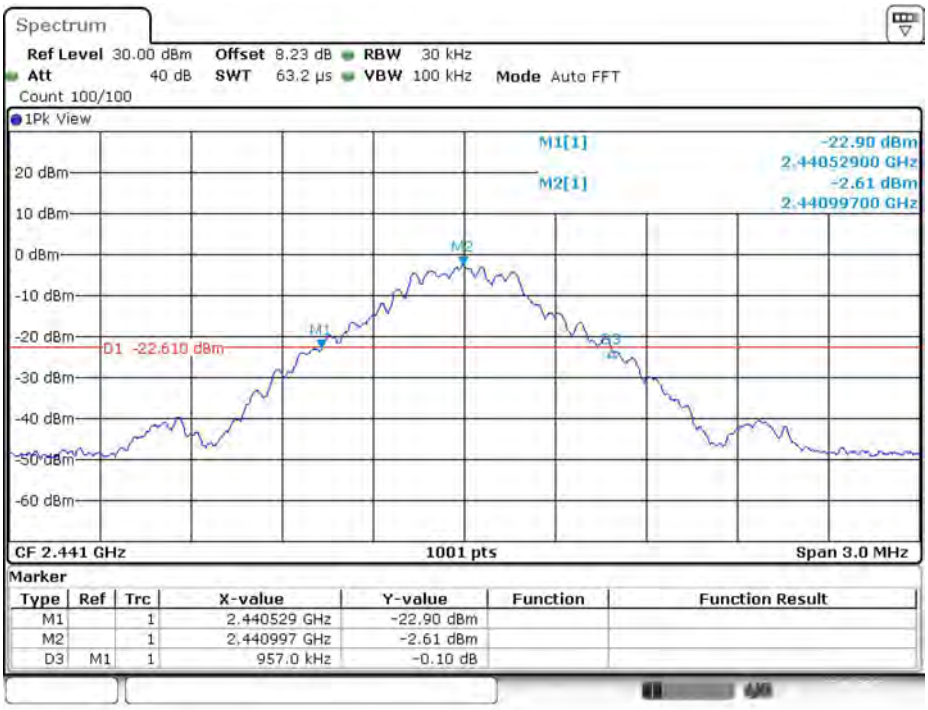
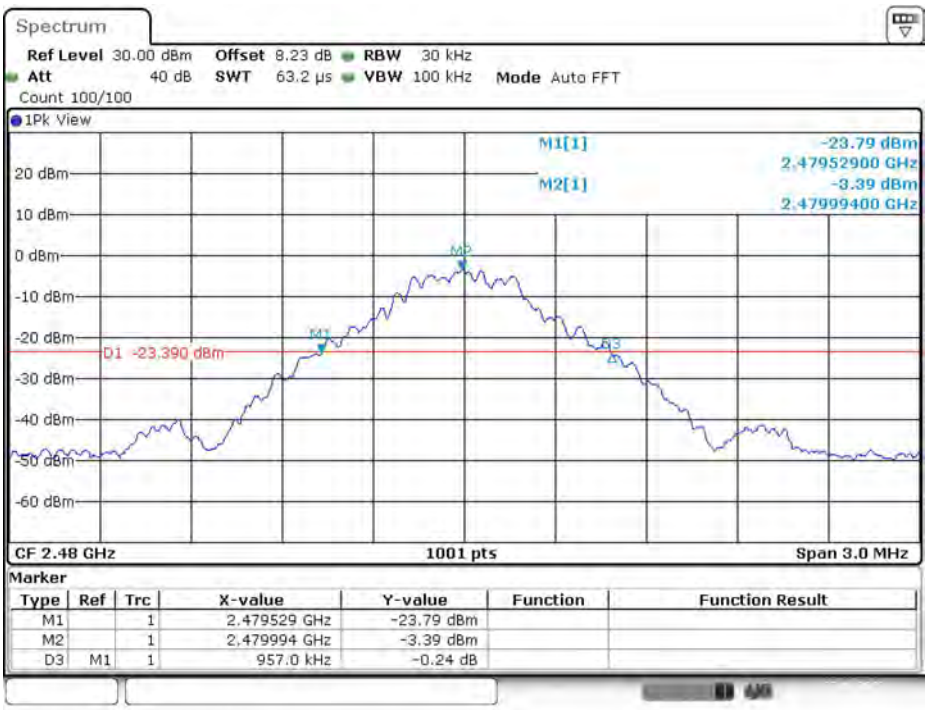
2441 MHz



2480 MHz



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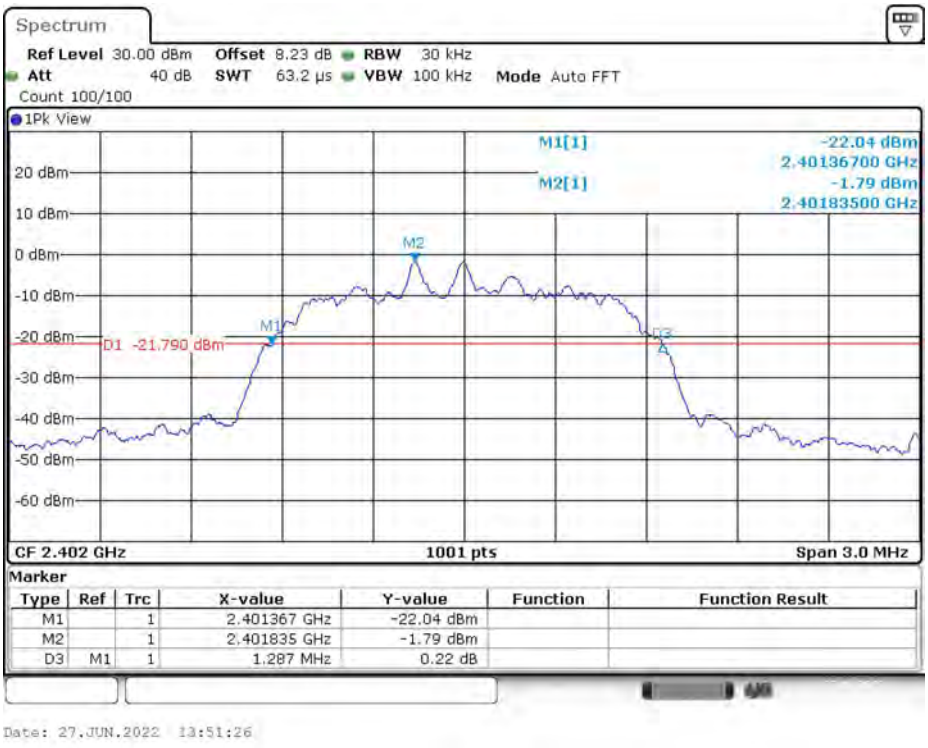
Test Mode:	2DH5			
Channel frequency (MHz)	20dB Bandwidth [MHz]	FL[MHz]	FH[MHz]	Verdict
2402	1.287	2401.37	2402.650	PASS
2441	1.290	2440.37	2441.660	PASS
2480	1.290	2479.36	2480.650	PASS
2402 MHz				



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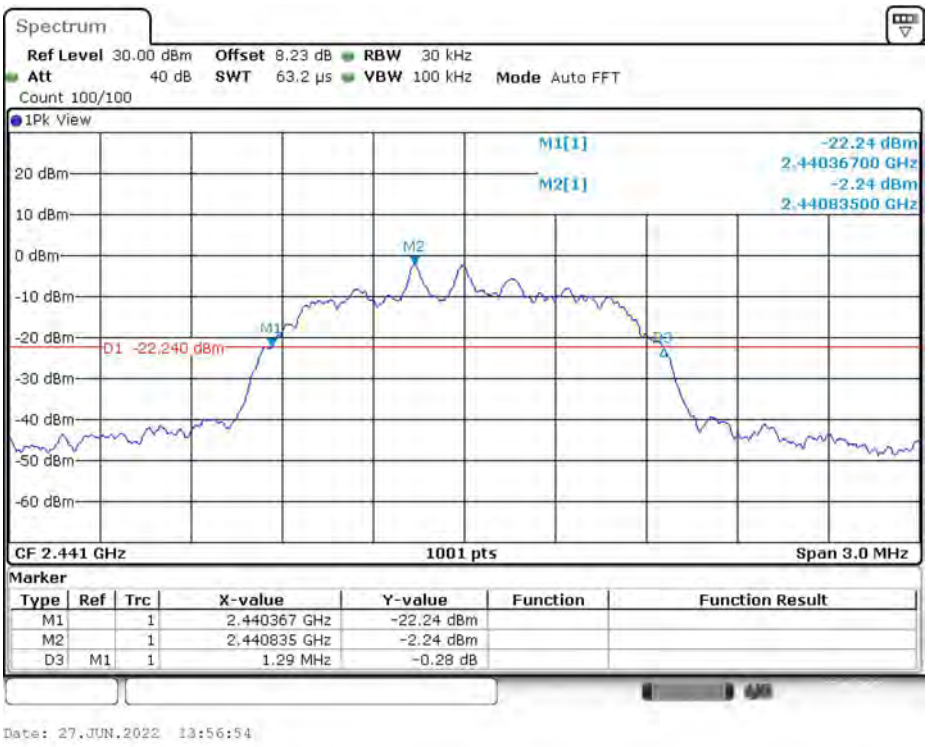
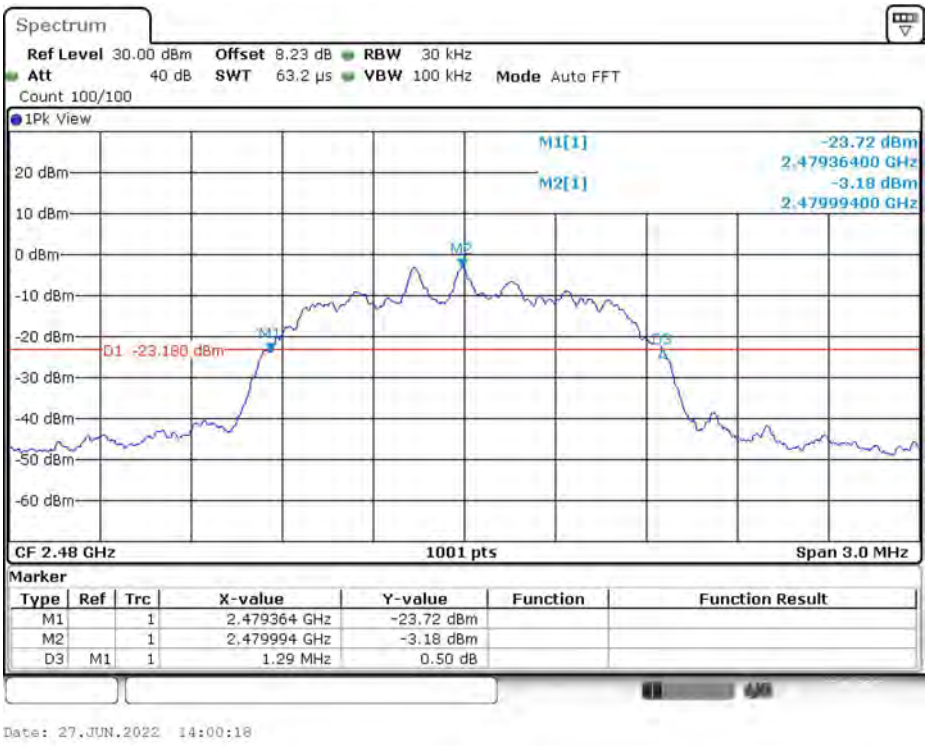
2441 MHz



2480 MHz



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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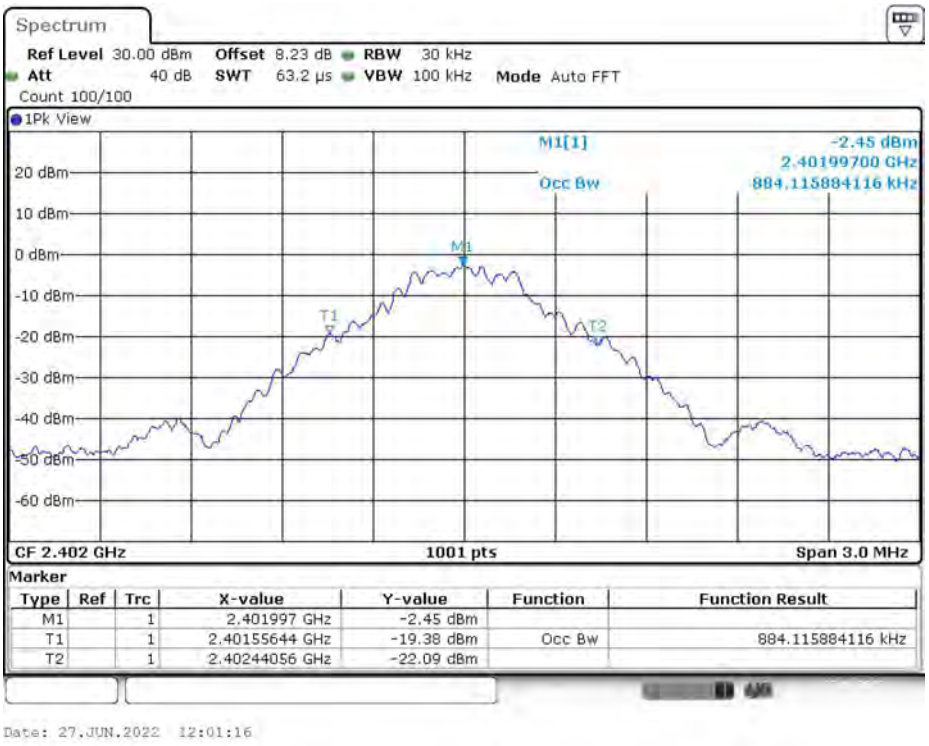
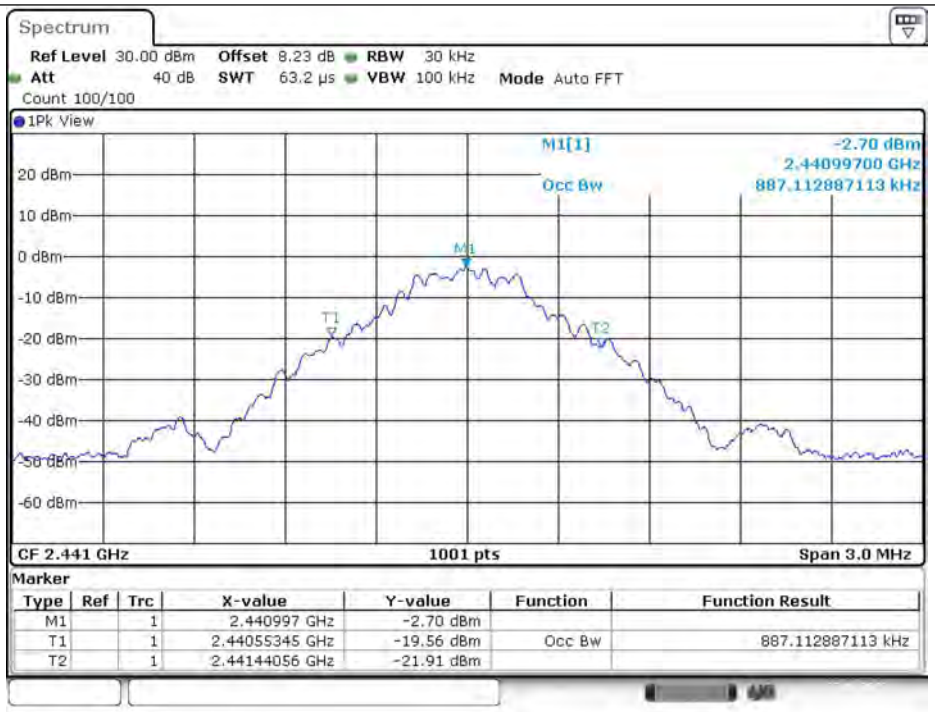
Test Mode:	DH5			
Channel frequency (MHz)	99% OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
2402	0.884	2401.556	2402.441	PASS
2441	0.887	2440.553	2441.441	PASS
2480	0.887	2479.553	2480.441	PASS
2402 MHz				

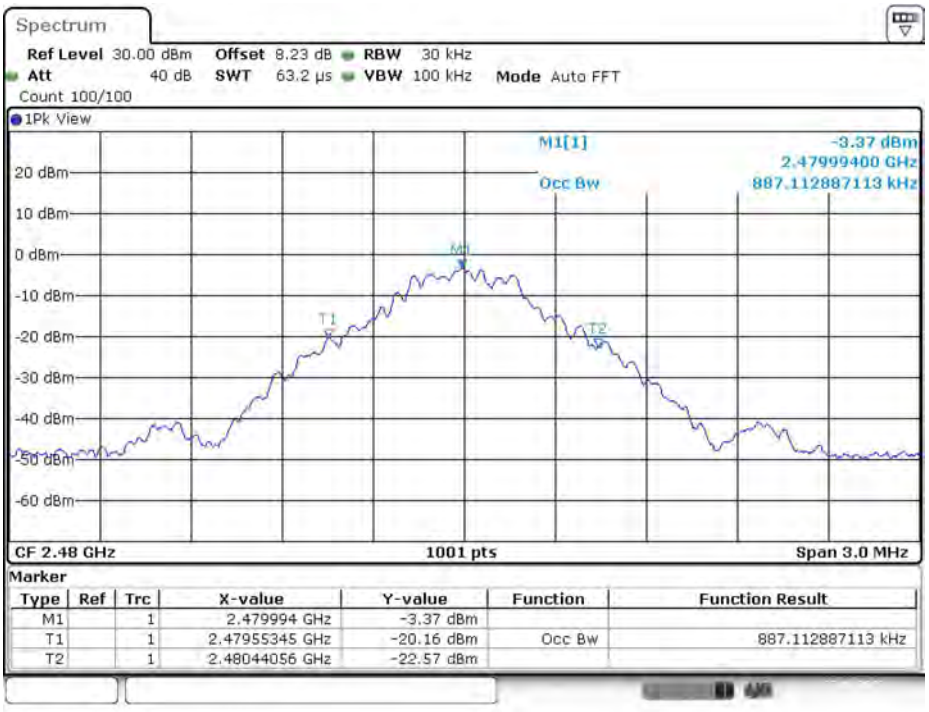


Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
Tel：+(86) 0755-2985 2678 Fax: +(86) 0755-2985 2397 E-mail：info@gdksign.cn Web: www.gdksign.com

2441 MHz



2480 MHz



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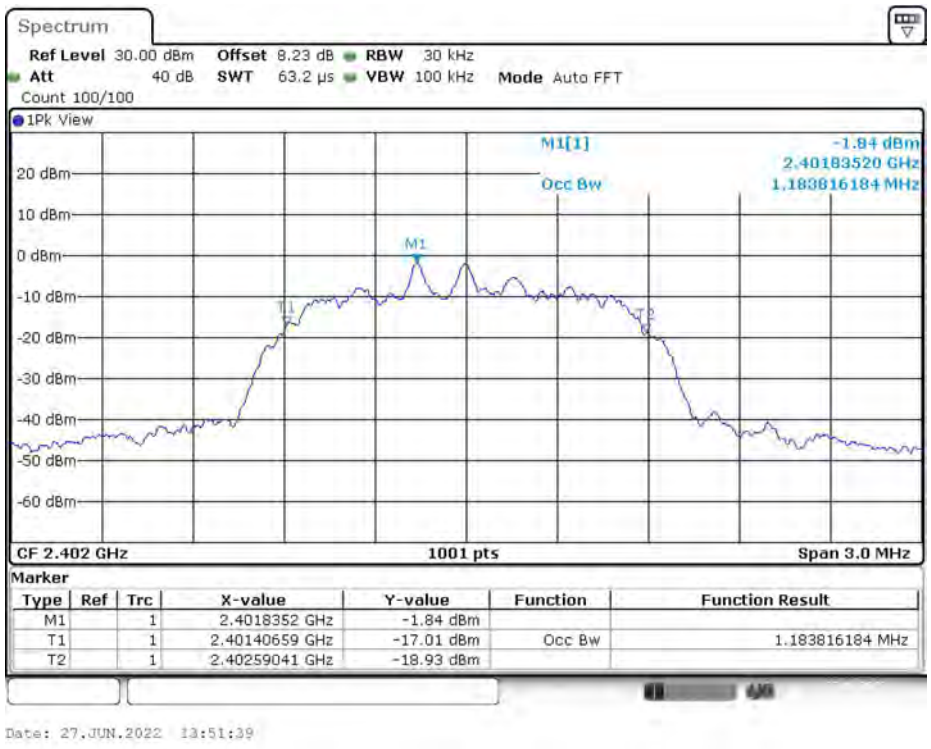
Test Mode:	2DH5			
Channel frequency (MHz)	99% OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
2402	1.184	2401.407	2402.590	PASS
2441	1.181	2440.407	2441.587	PASS
2480	1.181	2479.407	2480.587	PASS
2402 MHz				



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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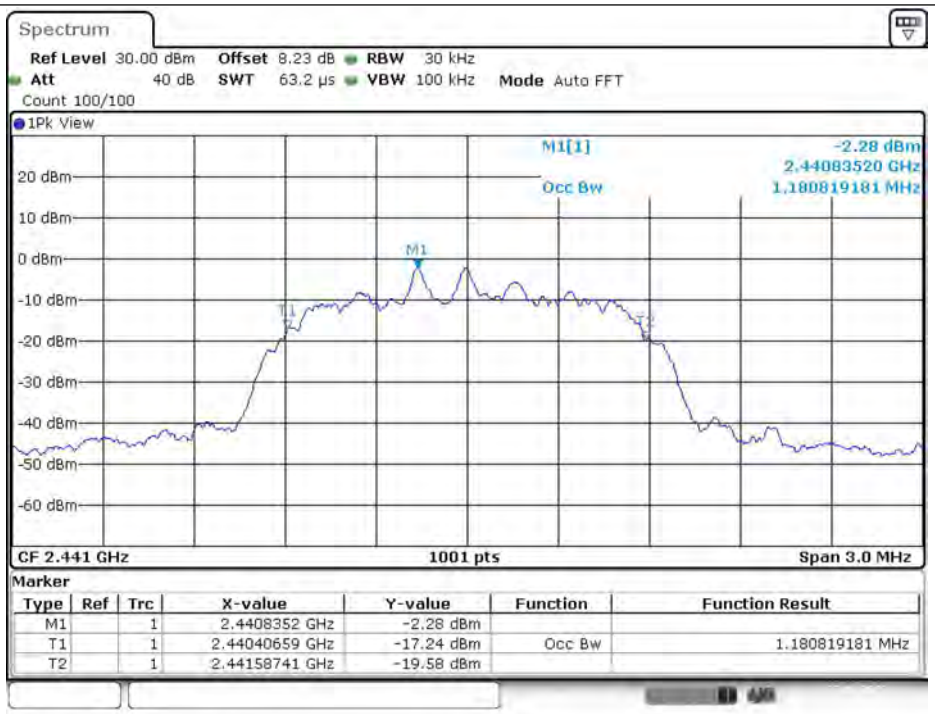
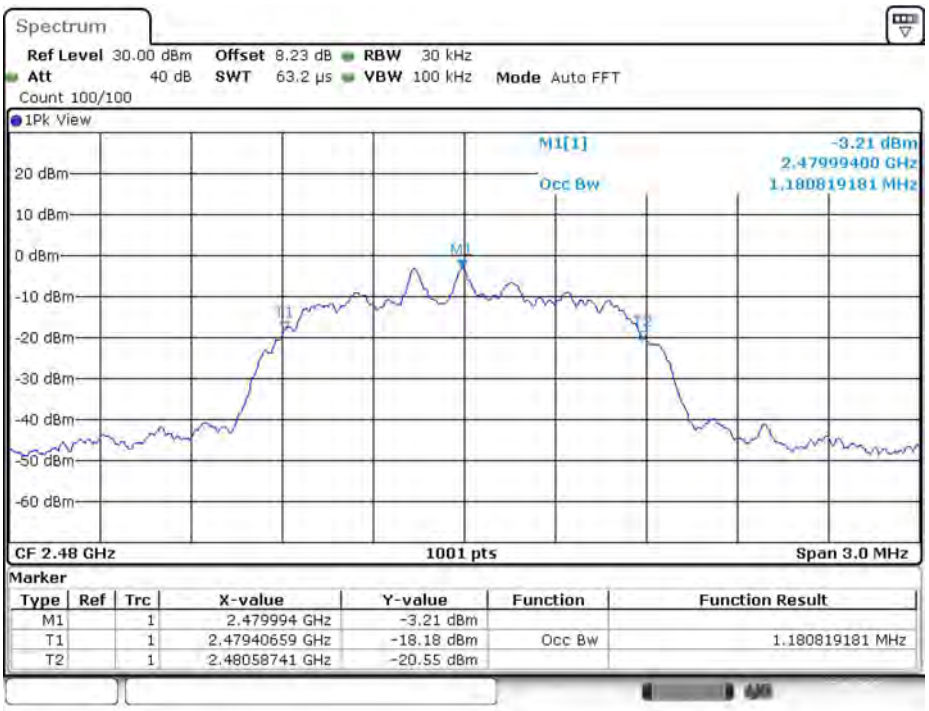
2441 MHz



2480 MHz



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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3.4. Carrier Frequencies Separation

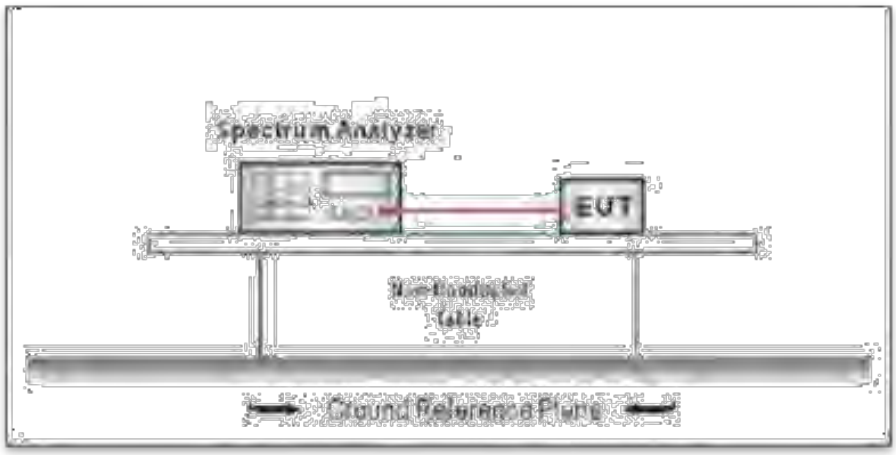
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):

frequency hopping systems shall have hopping channel carrier frequencies separated by minimum of 25kHz or the 2/3*20dB bandwidth of the hopping channel, whichever is greater.

Test Item	Limit	Frequency Range(MHz)
Channel Separation	>25KHz or >two-thirds of the 20 dB bandwidth Which is greater	2400~2483.5

Test Configuration



Test Procedure

1.Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
2.Spectrum Setting:

(1) Set RBW = 100 kHz.
(2) Set the video bandwidth (VBW) ≥ 3 RBW.
(3) Detector = Peak.
(4) Trace mode = Max hold.
(5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

Please refer to the clause 2.2.

Test Results

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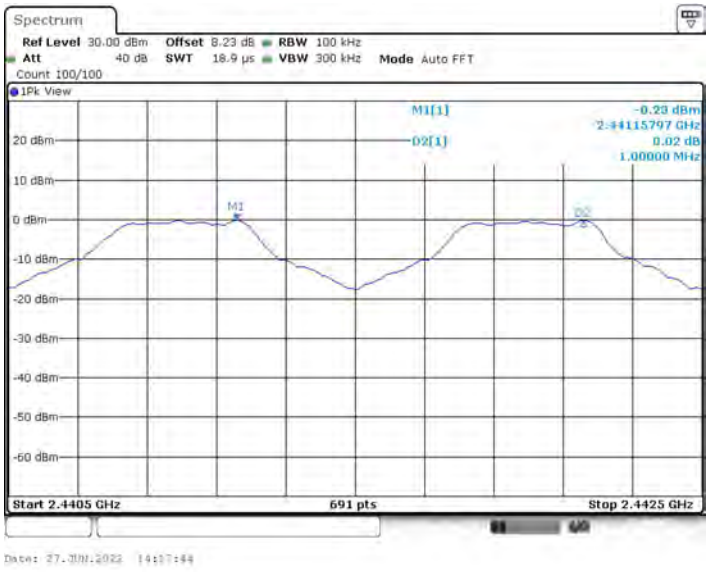
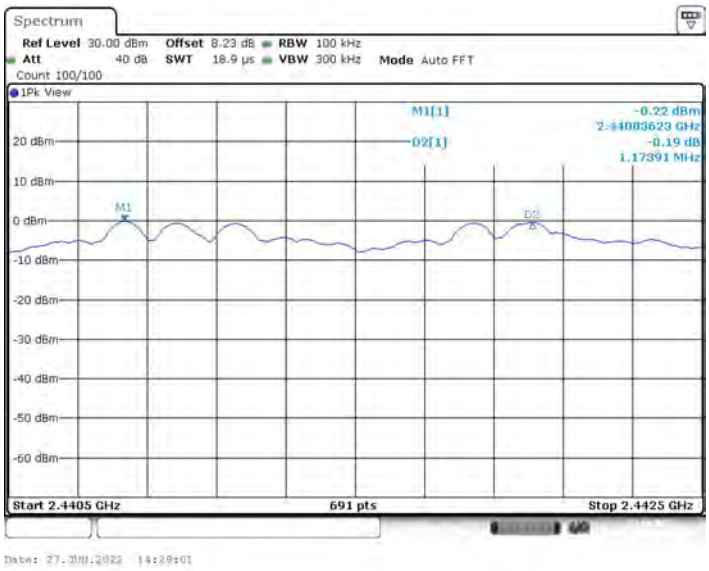
Test Mode:	DH5 Hopping Mode		
Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	1.00	≥0.957	PASS

DH5 Hopping Mode



Test Mode:	2DH5 Hopping Mode		
Test Mode	Result[MHz]	Limit[MHz]	Verdict
2DH5	1.174	≥0.860	PASS

2DH5 Hopping Mode



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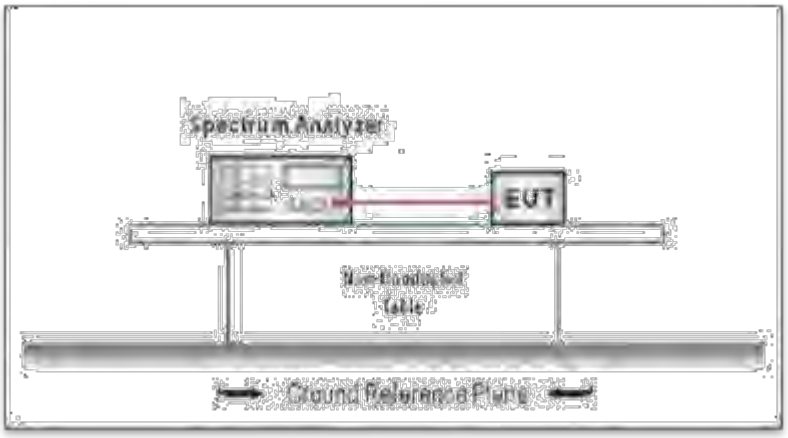
3.5. Number of Hopping Channel

Limit

Section	Test Item	Limit
15.247	Number of Hopping Channel	>15

Test Configuration



Test Procedure

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
2. Spectrum Setting:
   (1) Peak Detector: RBW=100 kHz, VBW≥RBW, Sweep time= Auto.

Test Mode

Please refer to the clause 2.2.

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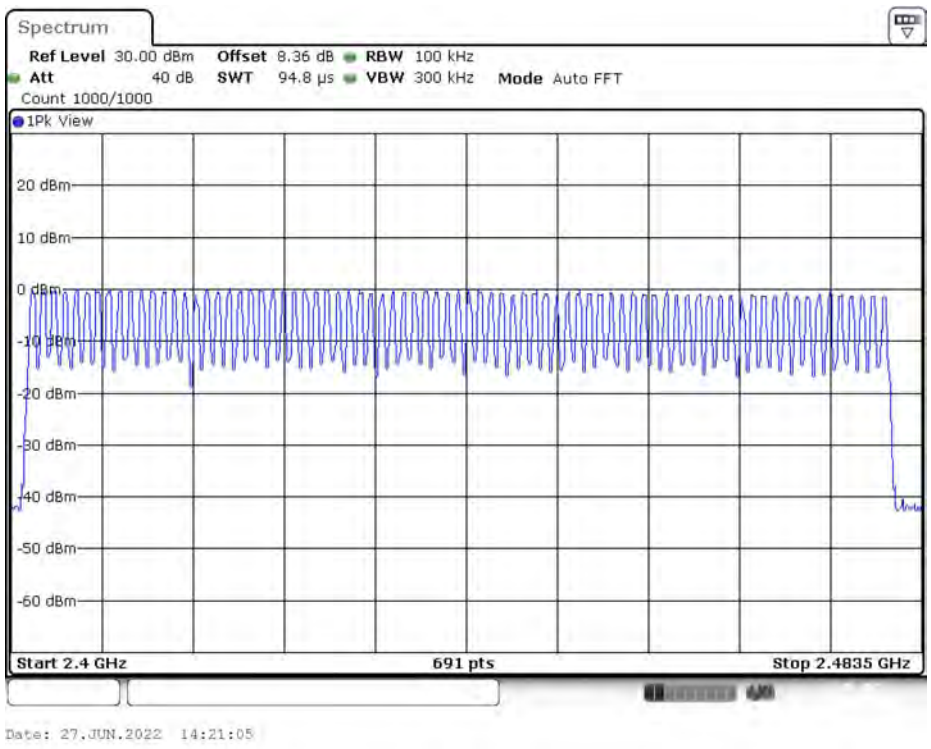
Test Result

Test Mode:	Hopping Mode	
Frequency Range	Quantity of Hopping Channel	Limit
2402MHz~2480MHz	79	>15

DH5 Mode



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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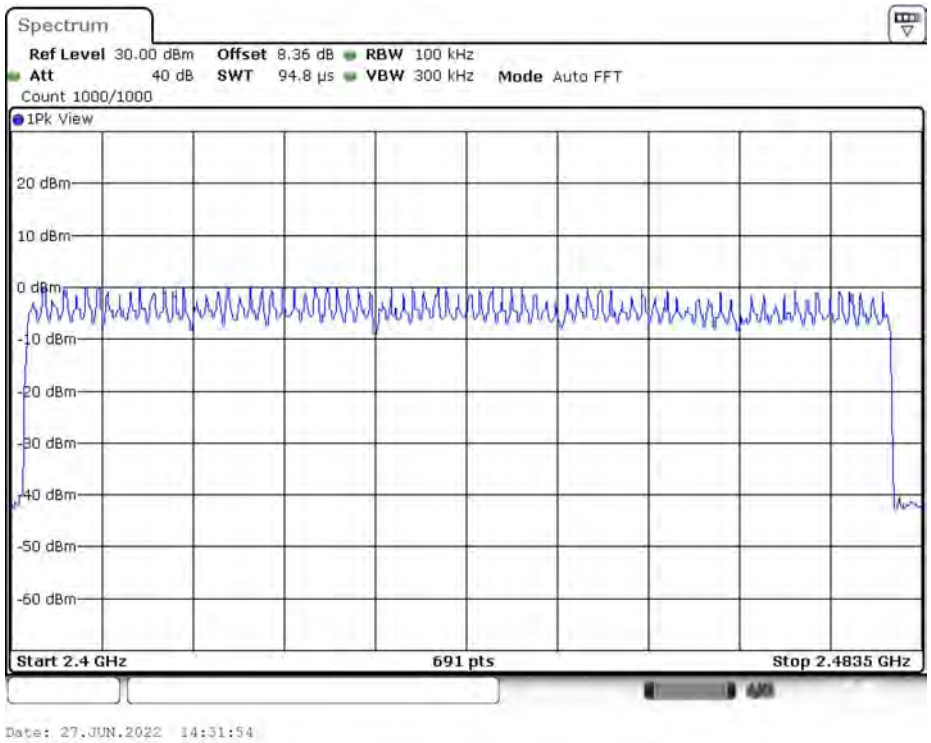
2DH5 Mode



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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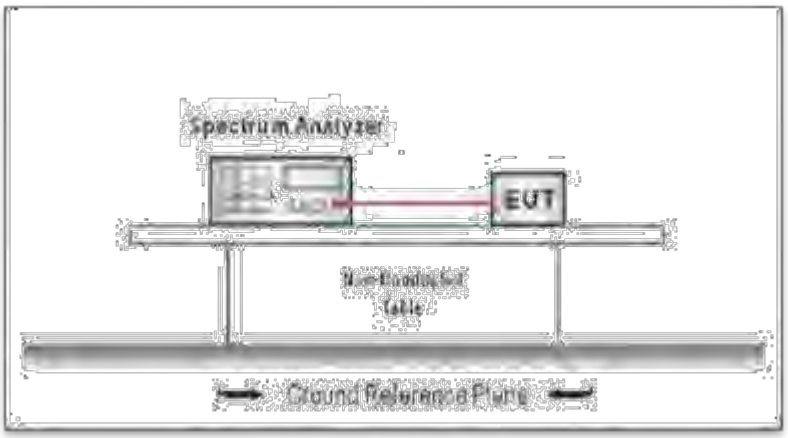
3.6. Dwell Time

Limit

Section	Test Item	Limit
15.247(a)(1)	Average Time of Occupancy	0.4 sec

Test Configuration



Test Procedure

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator.
2. Spectrum Setting:
   (1) Spectrum Setting: RBW=1MHz, VBW≥RBW.
   (2) Use video trigger with the trigger level set to enable triggering only on full pulses.
   (3) Sweep Time is more than once pulse time.
   (4) Set the center frequency on any frequency would be measure and set the frequency span to zero.
   (5) Measure the maximum time duration of one single pulse.
   (6) Set the EUT for packet transmitting.

Test Mode

Please refer to the clause 2.2

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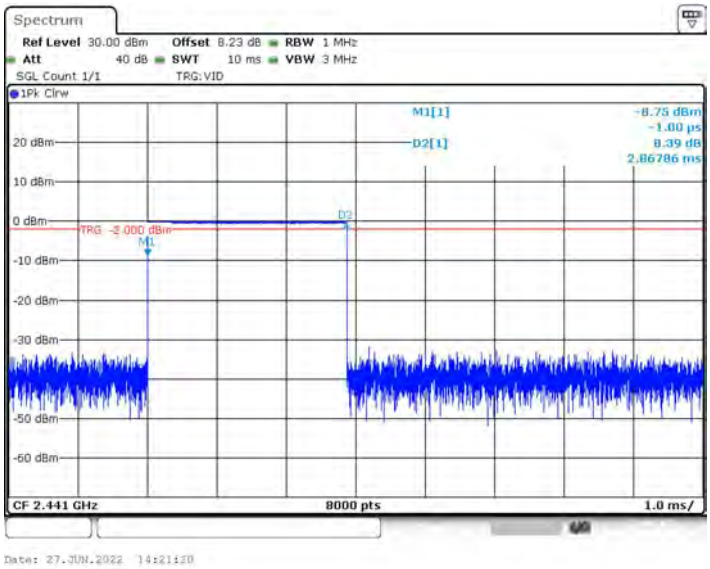
Test Result

Mode	Data Packet	Frequency (MHz)	Pulse Duration (ms)	Dwell Time (ms)	Limit(s)	Conclusion
GFSK	DH5	2441	2.87	305.13	<0.4	Pass
π/4 DQPSK	2DH5	2441	2.87	305.13	<0.4	Pass

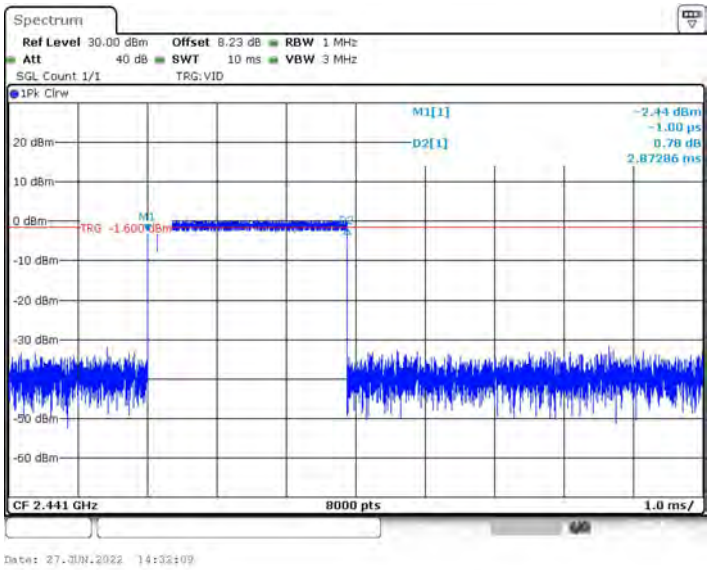
Note:
1. A period time = 0.4 (s) * 79 = 31.6(s)
2. DH1 time slot = Pulse Duration * (1600/(2*79)) * A period time
   DH3 time slot = Pulse Duration * (1600/(4*79)) * A period time
   DH5 time slot = Pulse Duration * (1600/(6*79)) * A period time
3. For GFSK, π/4-DQPSK and 8DPSK: The test period: T= 0.4 Second/Channel x 79 Channel = 31.6 s

Test plots

GFSK mode-DH5



π/4-DQPSK mode-2DH5



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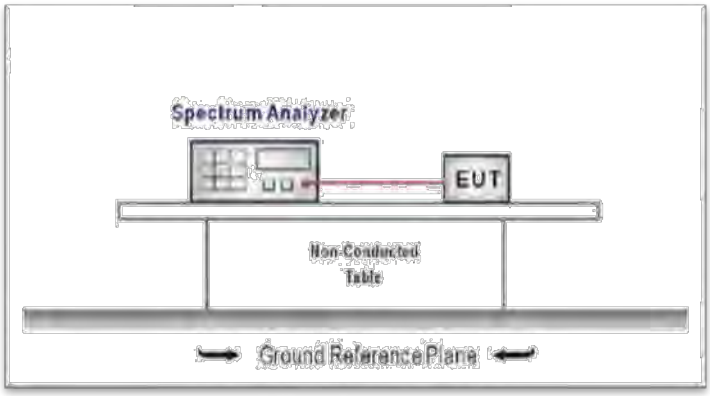
3.7. Band Edge and Spurious Emission (conducted)

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):
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 CONFIGURATION



TEST PROCEDURE

1. Connect EUT RF Output port to the Spectrum Analyzer through an RF attenuator.
2. Spectrum Setting:
   RBW=100KHz
   VBW=3*RBW.
   Detector function: Peak.
   Trace: Max hold.
   Sweep = Auto couple.

   Allow the trace to stabilize.

TEST MODE:

Please refer to the clause 2.2.

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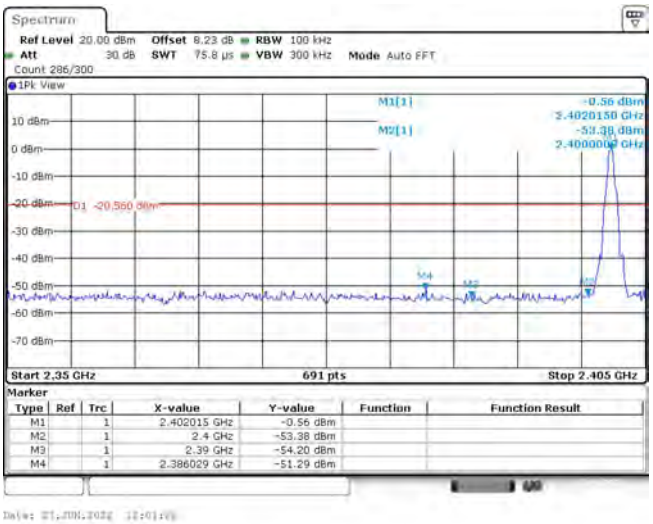
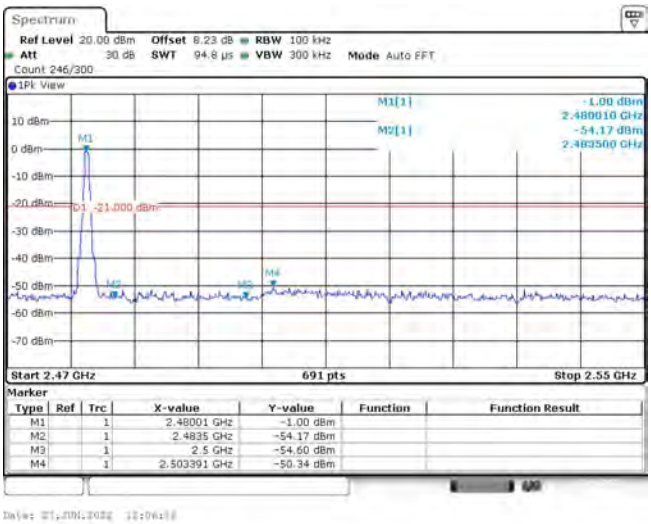
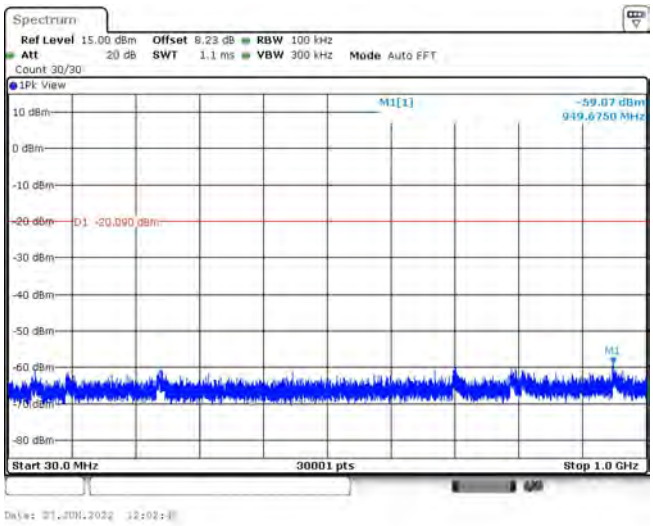
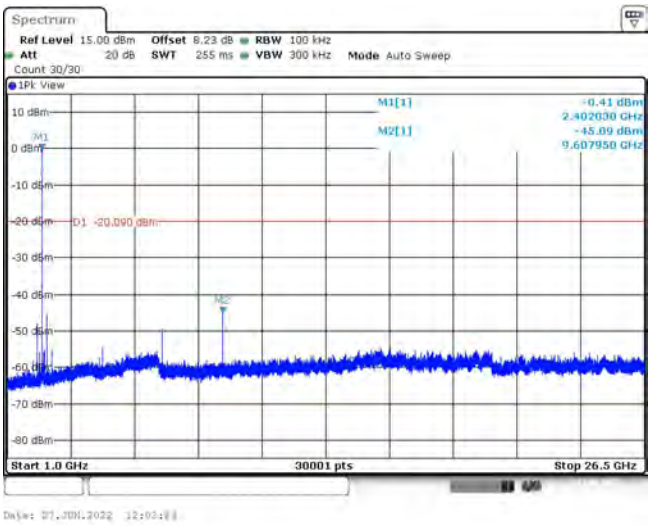
TEST RESULTS

DH5	
CH00-Bandedge	CH78-Bandedge
	

DH5	
CH00-SE	
	

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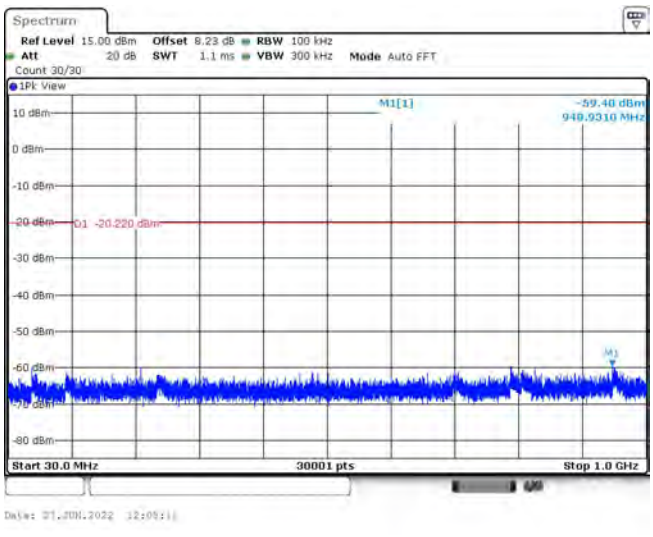
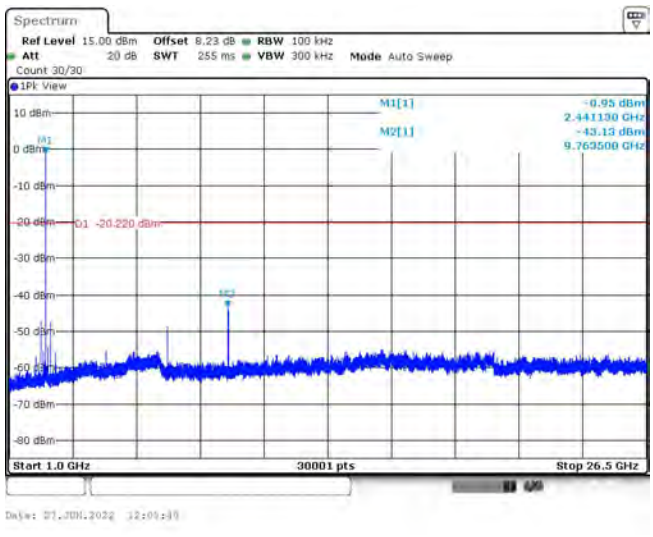
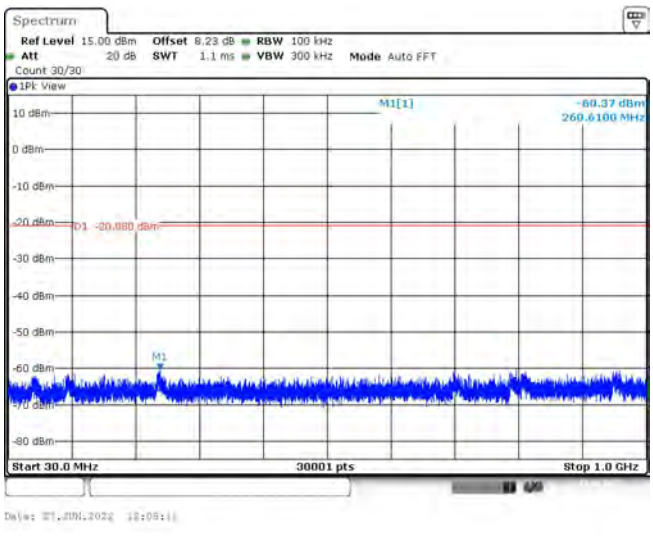
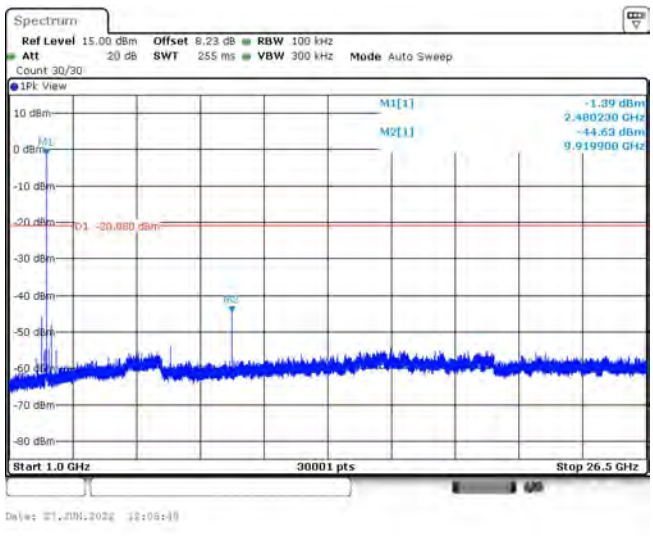
CH39-SE





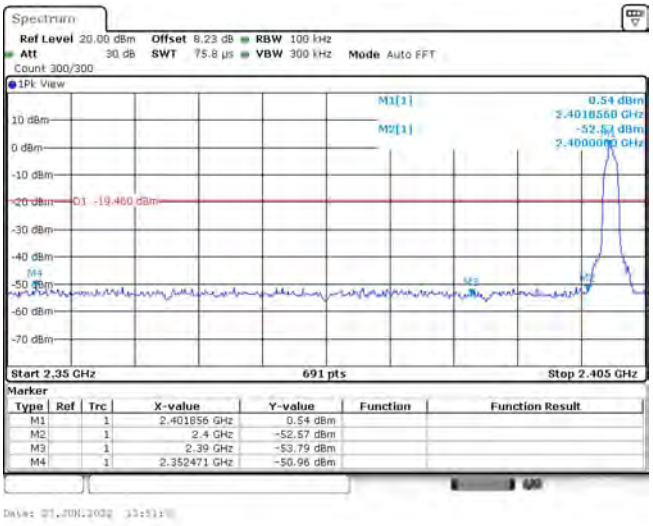
CH78-SE



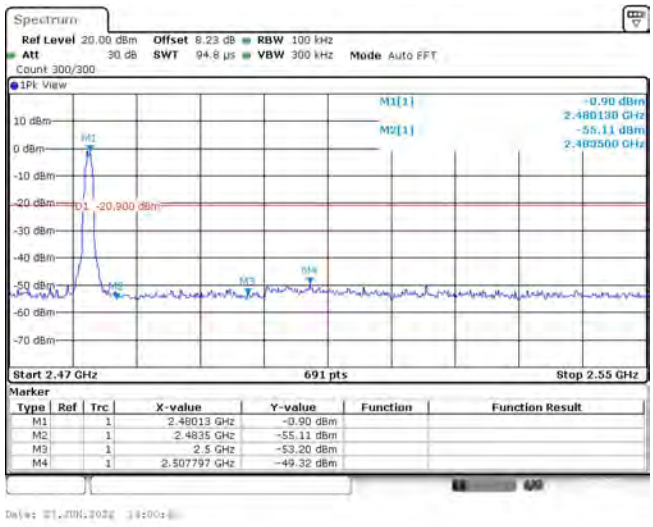


2DH5

CH00-Bandedge



CH78-Bandedge



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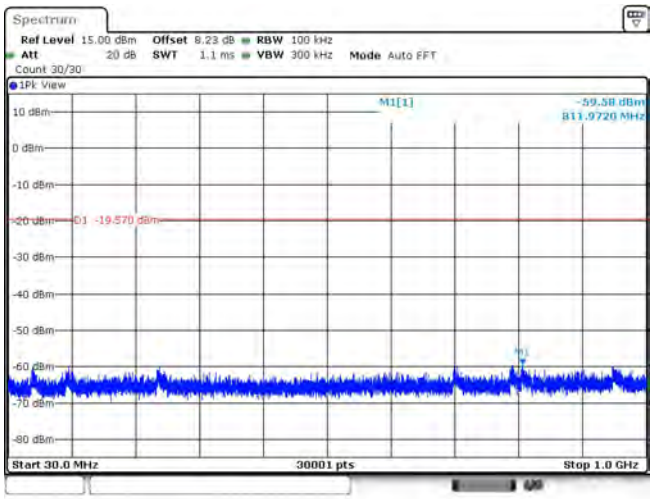
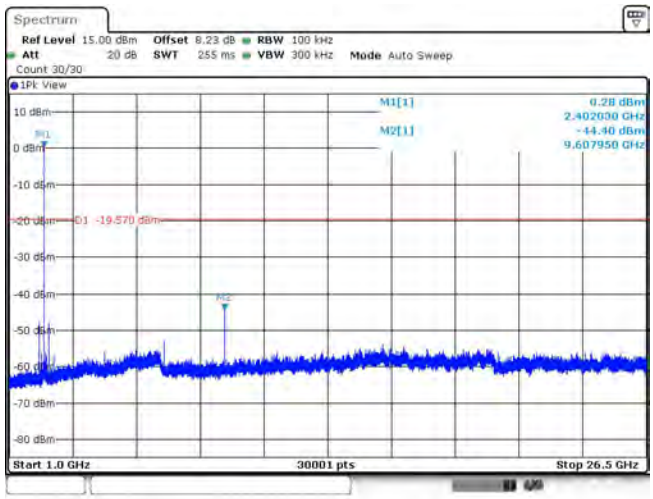
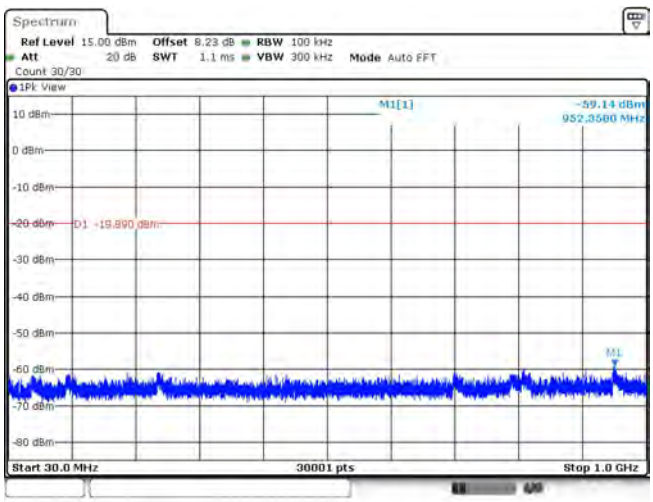
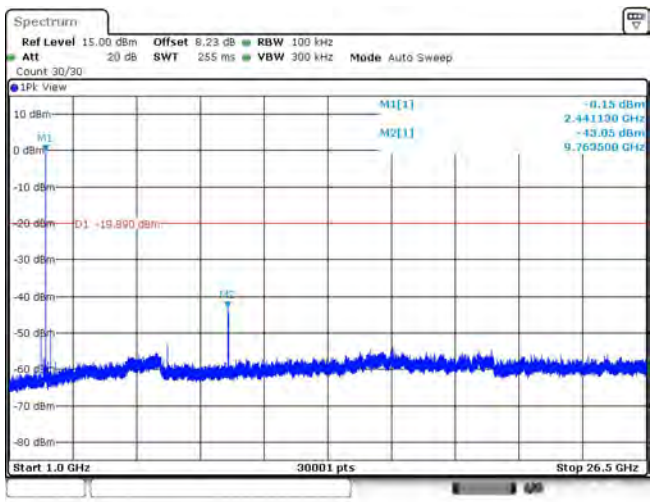
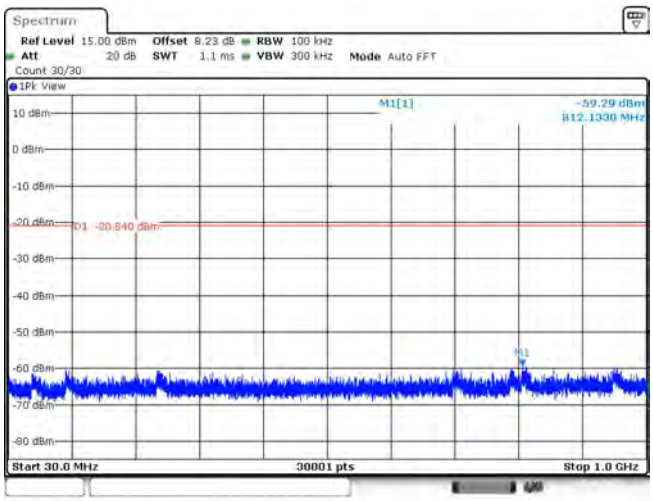
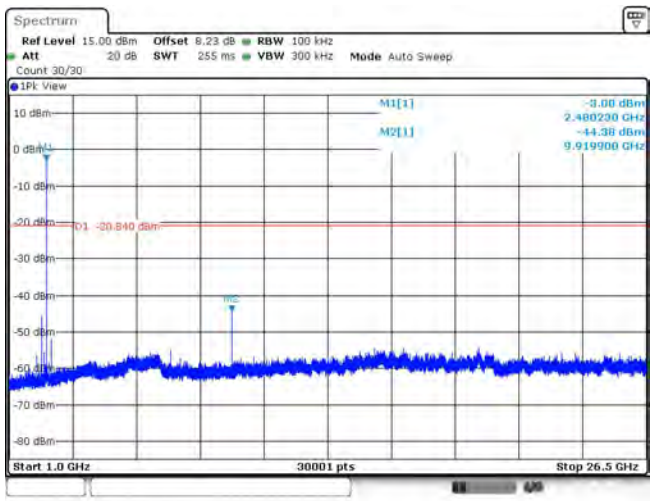
2DH5	
CH00-SE	
	
CH39-SE	
	
CH78-SE	
	

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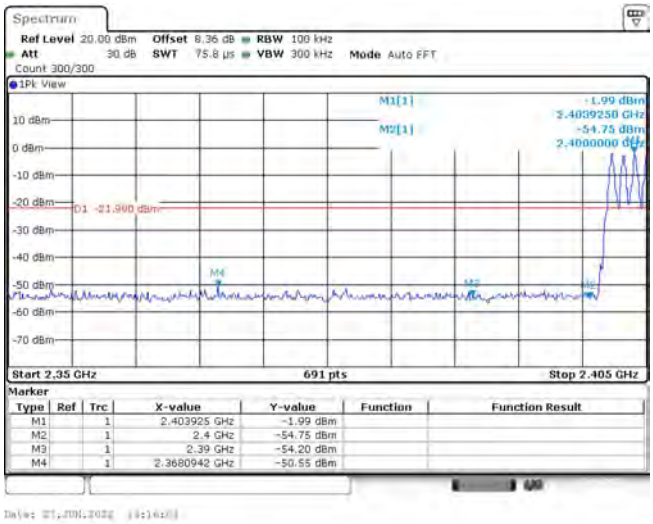
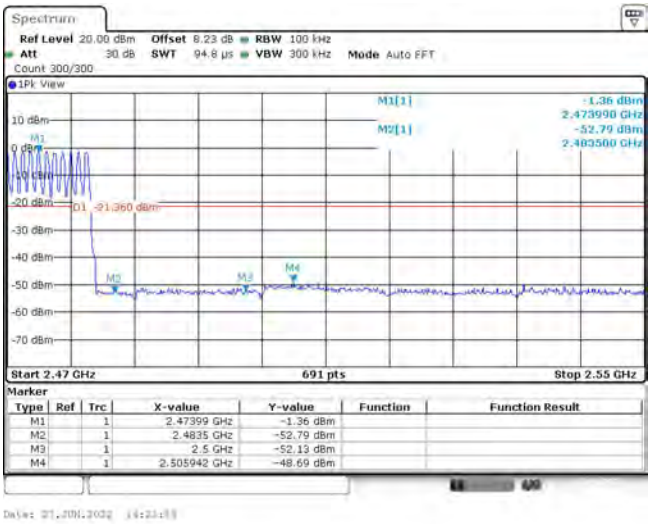
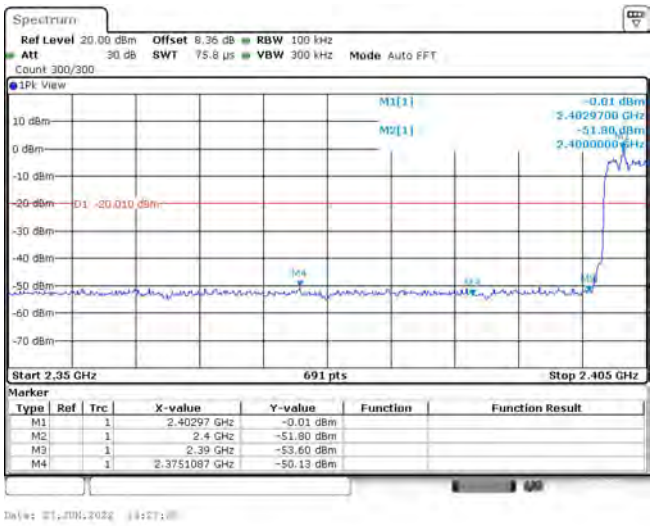
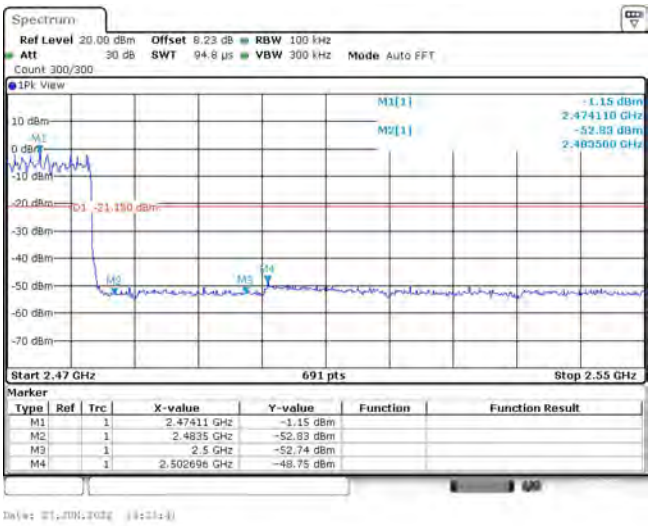
DH5(2402)-Hopping on	DH5(2480)-Hopping on
	
2DH5(2402)-Hopping on	2DH5(2480)-Hopping on
	

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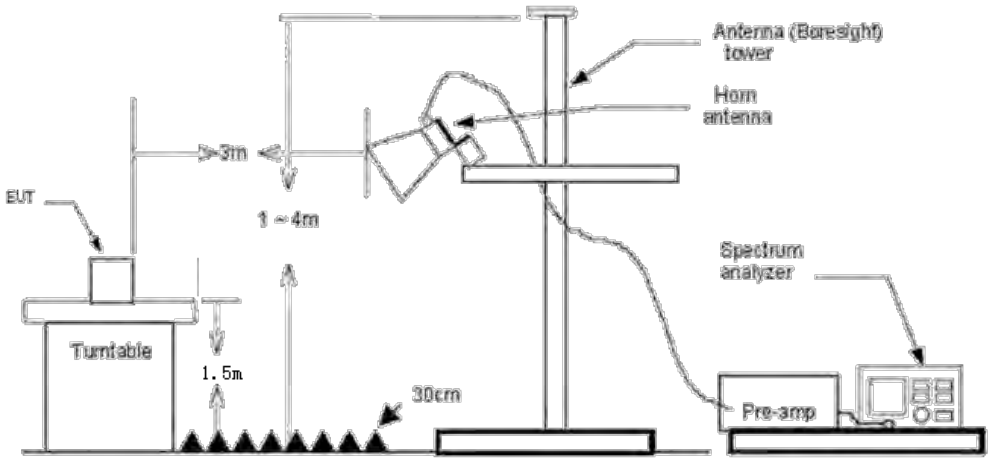
3.8. Band Edge Emissions(Radiated)

Limit

Restricted Frequency Band (MHz)	(dBuV/m)(at 3m)	
	Peak	Average
2310 ~2390	74	54
2483.5 ~2500	74	54
Note: All restriction bands have been tested, only the worst case is reported.		

Test Configuration



Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2020 requirements.
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2020on radiated measurement.
5. The receiver set as follow:
   RBW=1MHz, VBW=3MHz PEAK detector for Peak value.
   RBW=1MHz, VBW=10Hz with PEAK Detector for Average Value.

Test Mode

Please refer to the clause 2.2.

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Test Results

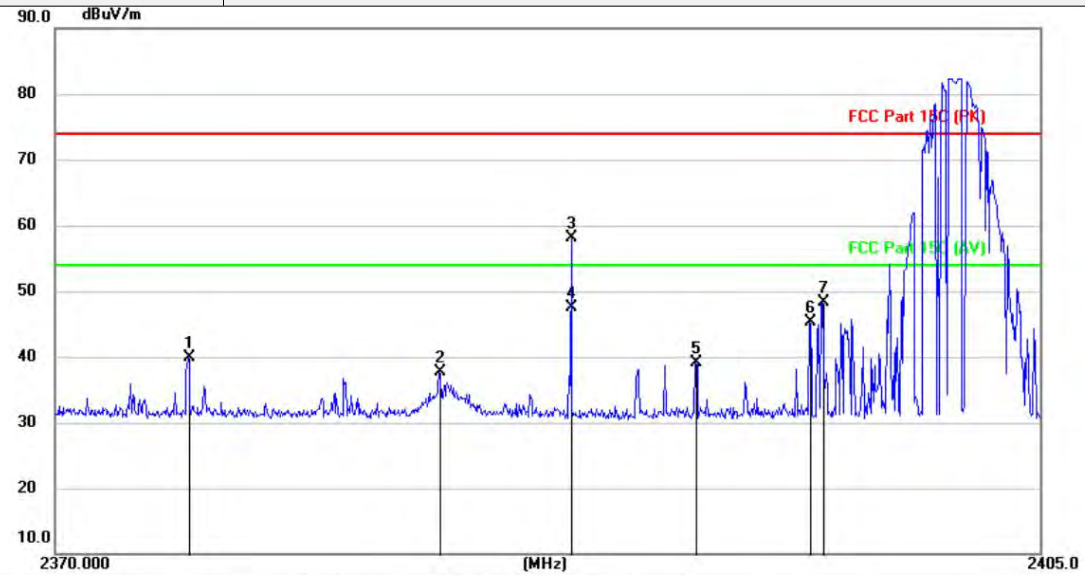
Note:

1. Measurement = Reading level + Correct Factor

2.Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor

3.Pre-scan DH5, 2DH5 and 3DH5 modulation, and found the DH5 modulation which it is worse case, so only show the test data for worse case.

Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	DH5 Mode 2402MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2374.729	50.91	-10.93	39.98	74.00	-34.02	peak
2		2383.611	48.56	-10.92	37.64	74.00	-36.36	peak
3		2388.287	68.95	-10.92	58.03	74.00	-15.97	peak
4	*	2388.287	58.46	-10.92	47.54	54.00	-6.46	AVG
5		2392.694	49.98	-10.92	39.06	74.00	-34.94	peak
6		2396.771	56.25	-10.92	45.33	74.00	-28.67	peak
7		2397.223	59.27	-10.92	48.35	74.00	-25.65	peak

Measurement = Reading level + Correct Factor

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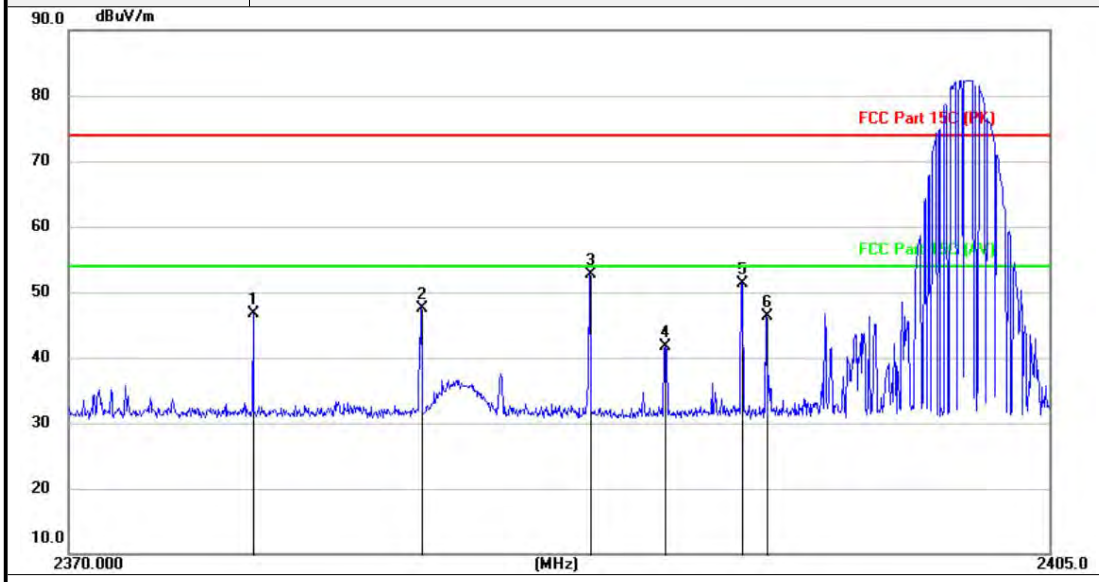
Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	DH5 Mode 2402 MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2376.552	57.55	-10.93	46.62	74.00	-27.38	peak
2		2382.530	58.38	-10.92	47.46	74.00	-26.54	peak
3	*	2388.553	63.66	-10.93	52.73	74.00	-21.27	peak
4		2391.227	52.58	-10.92	41.66	74.00	-32.34	peak
5		2393.975	62.22	-10.92	51.30	74.00	-22.70	peak
6		2394.854	57.20	-10.91	46.29	74.00	-27.71	peak

Measurement = Reading level + Correct Factor

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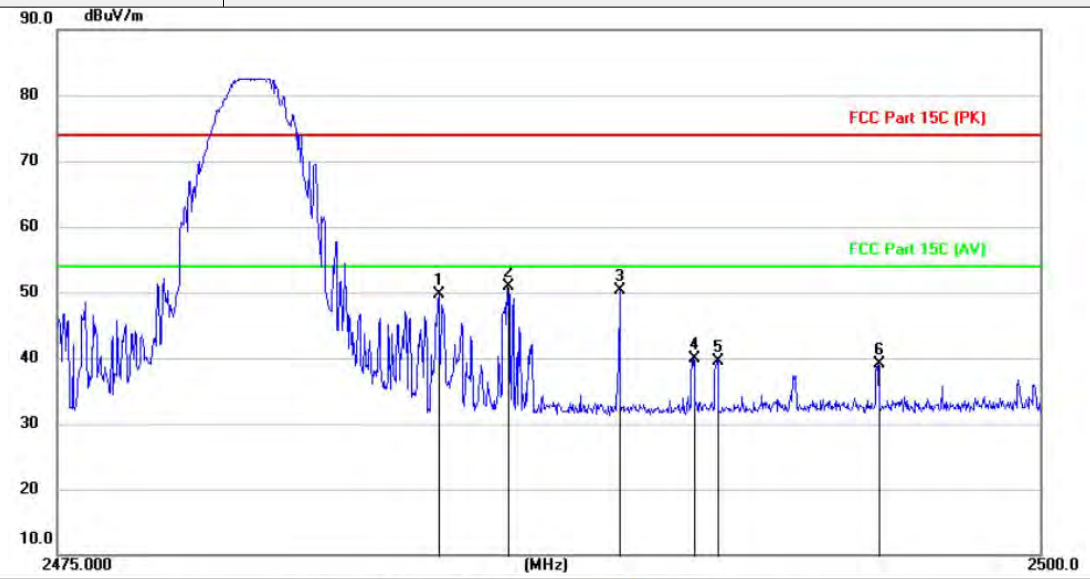
Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	DH5 Mode 2480MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2484.688	60.61	-10.88	49.73	74.00	-24.27	peak
2	*	2486.440	61.77	-10.88	50.89	74.00	-23.11	peak
3		2489.270	61.17	-10.89	50.28	74.00	-23.72	peak
4		2491.150	50.78	-10.89	39.89	74.00	-34.11	peak
5		2491.778	50.41	-10.89	39.52	74.00	-34.48	peak
6		2495.863	50.00	-10.87	39.13	74.00	-34.87	peak

Measurement = Reading level + Correct Factor

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Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	DH5 Mode 2480 MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2486.110	62.26	-10.88	51.38	74.00	-22.62	peak
2		2486.650	61.82	-10.88	50.94	74.00	-23.06	peak
3		2494.680	57.94	-10.87	47.07	74.00	-26.93	peak
4		2496.137	62.56	-10.87	51.69	74.00	-22.31	peak
5	*	2497.545	62.86	-10.88	51.98	74.00	-22.02	peak
6		2499.398	57.94	-10.88	47.06	74.00	-26.94	peak

Measurement = Reading level + Correct Factor

Test Voltage	DC 3.7V

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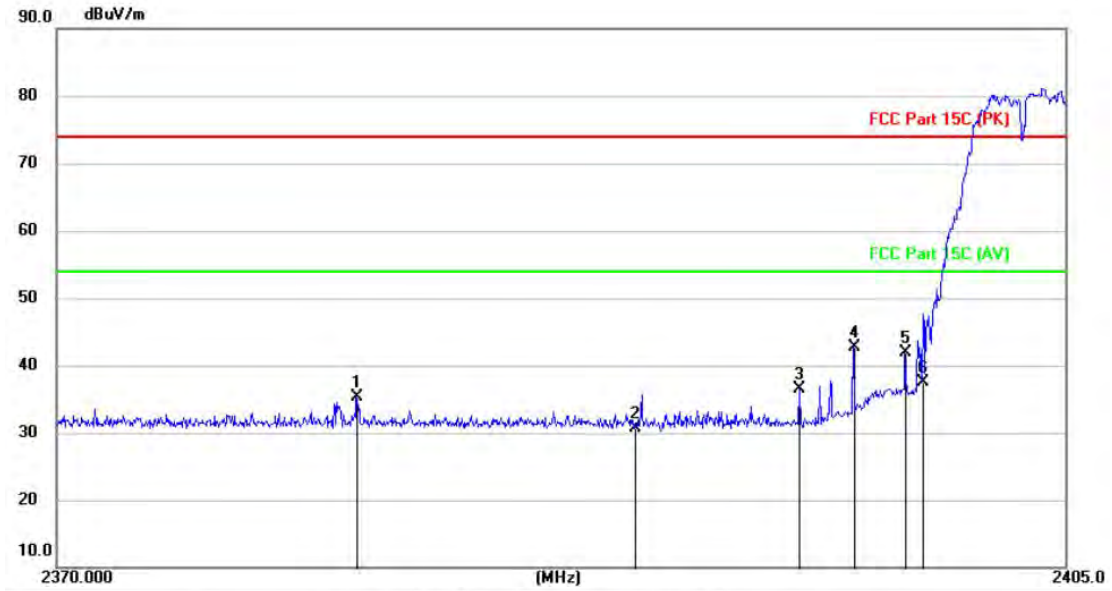
Ant. Pol.	Horizontal
Test Mode:	DH5-Hop Mode 2402MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2380.360	46.15	-10.92	35.23	74.00	-38.77	peak
2		2390.000	41.65	-10.92	30.73	74.00	-43.27	peak
3		2395.715	47.40	-10.91	36.49	74.00	-37.51	peak
4	*	2397.615	53.72	-10.92	42.80	74.00	-31.20	peak
5		2399.421	52.79	-10.92	41.87	74.00	-32.13	peak
6		2400.000	48.37	-10.92	37.45	74.00	-36.55	peak

Measurement = Reading level + Correct Factor

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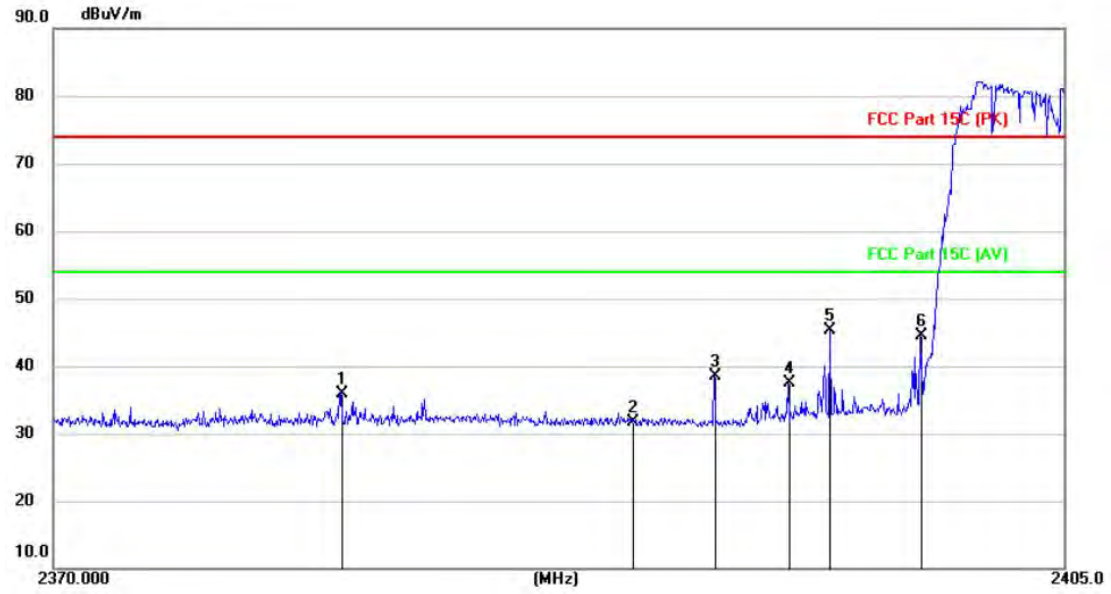
Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	DH5-Hop Mode 2402 MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2379.940	46.86	-10.92	35.94	74.00	-38.06	peak
2		2390.000	42.63	-10.92	31.71	74.00	-42.29	peak
3		2392.862	49.47	-10.92	38.55	74.00	-35.45	peak
4		2395.414	48.38	-10.91	37.47	74.00	-36.53	peak
5	*	2396.842	56.24	-10.92	45.32	74.00	-28.68	peak
6		2400.000	55.39	-10.92	44.47	74.00	-29.53	peak

Measurement = Reading level + Correct Factor

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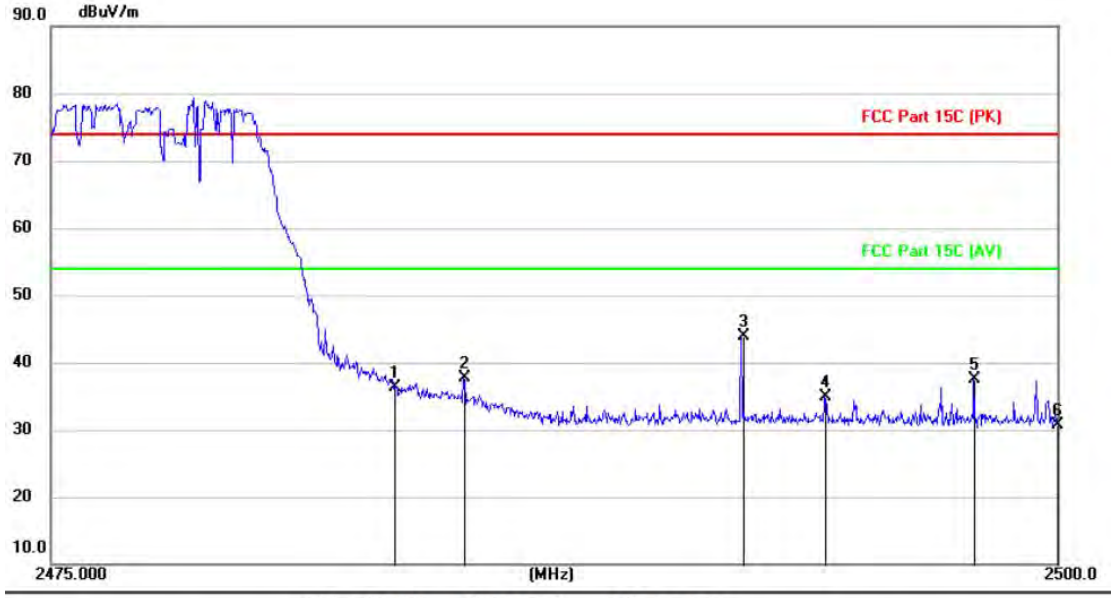
Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	DH5-Hop Mode 2480MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2483.500	47.14	-10.88	36.26	74.00	-37.74	peak
2		2485.238	48.65	-10.88	37.77	74.00	-36.23	peak
3	*	2492.148	54.79	-10.89	43.90	74.00	-30.10	peak
4		2494.205	45.77	-10.88	34.89	74.00	-39.11	peak
5		2497.930	48.32	-10.88	37.44	74.00	-36.56	peak
6		2500.000	41.52	-10.88	30.64	74.00	-43.36	peak

Measurement = Reading level + Correct Factor

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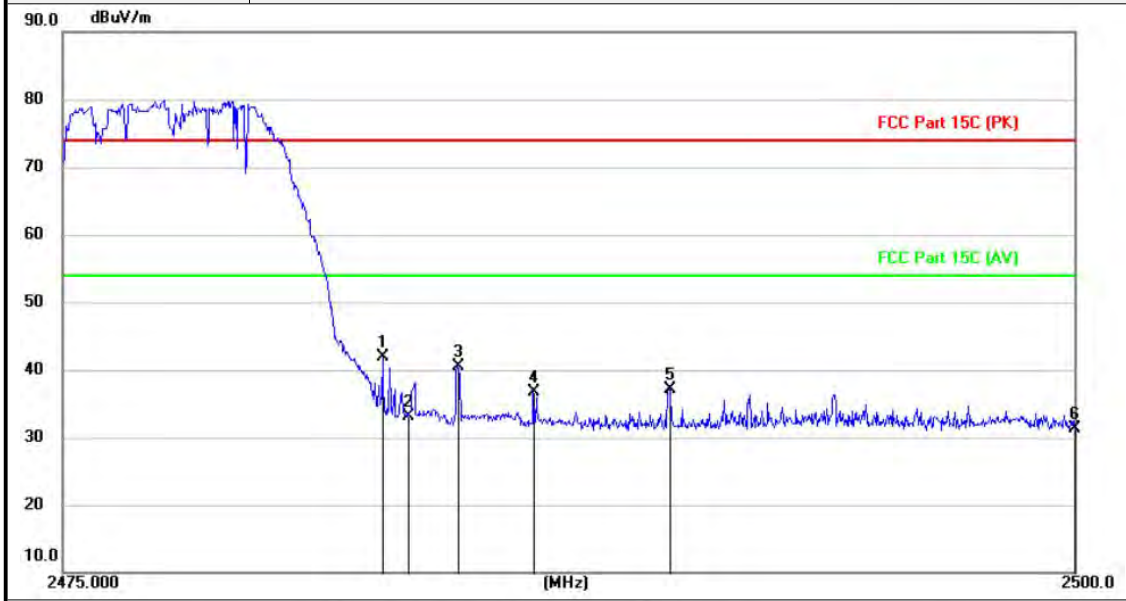
Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	DH5-Hop Mode 2480 MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	*	2482.875	52.78	-10.88	41.90	74.00	-32.10	peak
2		2483.500	44.02	-10.88	33.14	74.00	-40.86	peak
3		2484.742	51.41	-10.88	40.53	74.00	-33.47	peak
4		2486.613	47.51	-10.88	36.63	74.00	-37.37	peak
5		2489.960	48.05	-10.89	37.16	74.00	-36.84	peak
6		2500.000	42.17	-10.88	31.29	74.00	-42.71	peak

Measurement = Reading level + Correct Factor

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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3.9. Radiated Spurious Emissions

Limit

Radiated Emission Limits (9 kHz~1000 MHz)

Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (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

Radiated Emission Limit (Above 1000MHz)

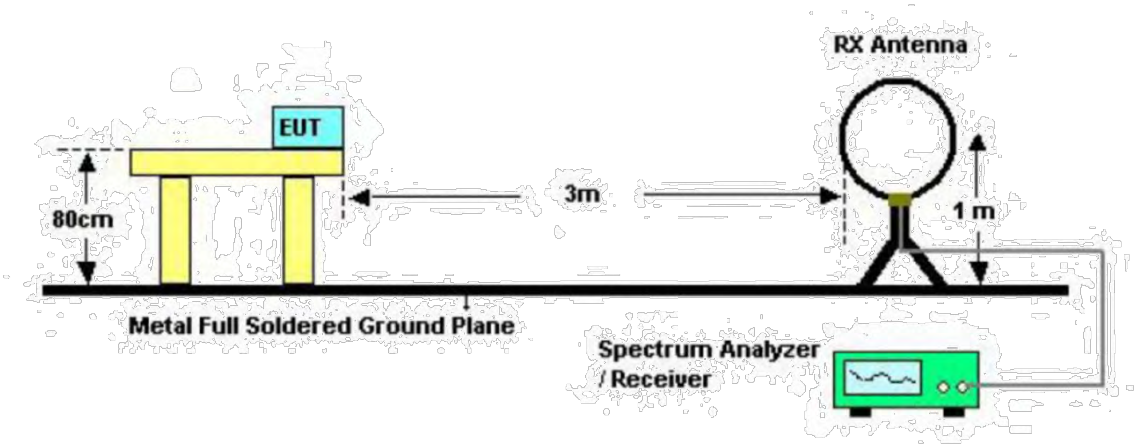
Frequency (MHz)	Distance Meters(at 3m)	
	Peak	Average
Above 1000	74	54

Note:

(1) The tighter limit applies at the band edges.

(2) Emission Level (dBuV/m)=20log Emission Level (uV/m).

Test Configuration



Below 30MHz Test Setup

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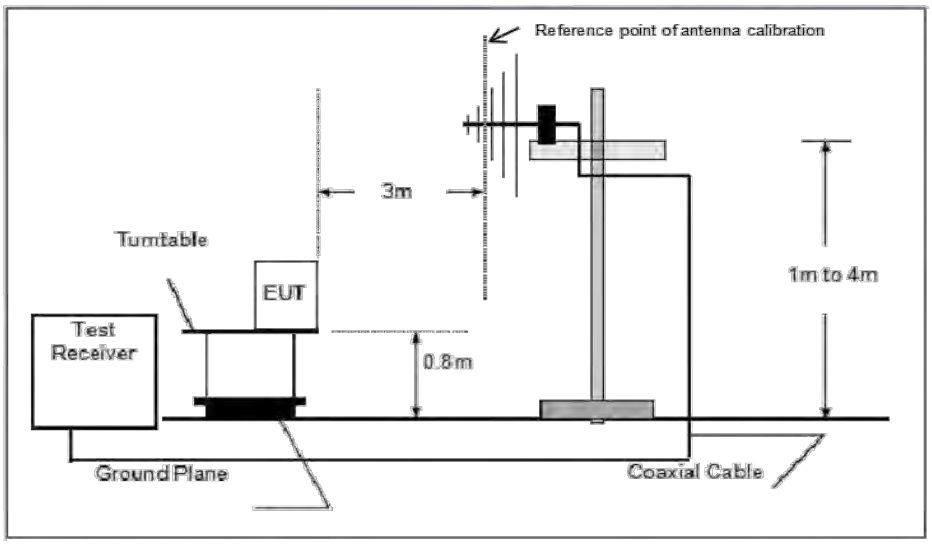
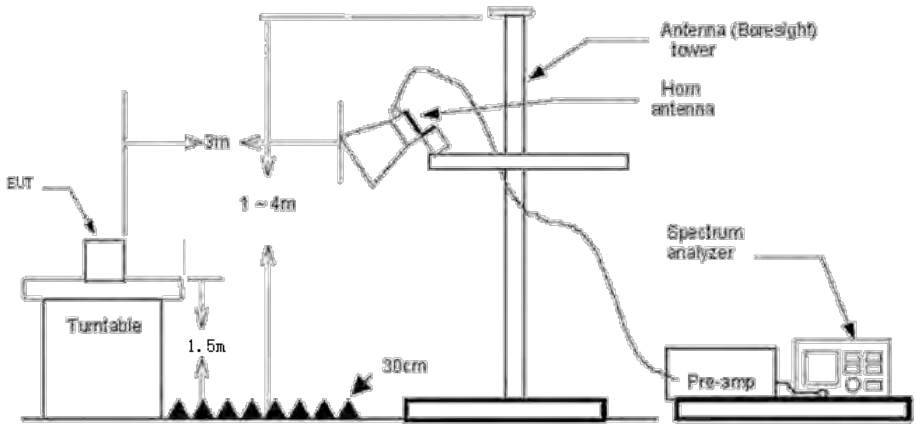


Below 1000MHz Test Setup



Above 1GHz Test Setup

Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2020
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, 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 to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Below 1 GHz:
   RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;
   If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
   (3) From 1 GHz to 10th harmonic:
   RBW=1MHz, VBW=3MHz Peak detector for Peak value.
   RBW=1MHz, VBW=10Hz Peak detector for Peak value.

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Test Mode

Please refer to the clause 2.2.

Test Result

9 KHz~30 MHz and 18GHz~25GHz

From 9 KHz~30 MHz and 18GHz~25GHz: Conclusion: PASS

Note:

1) Measurement = Reading level + Correct Factor
   Correct Factor=Antenna Factor + Cable Loss -Preamplifier Factor
2) The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
3) The emission levels of other frequencies are very lower than the limit and not show in test report.
4) The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
5) Pre-scan DH5, 2DH5 and 3DH5 modulation, found the DH5-CH00 Channel Below 1GHz and found the DH5 modulation which it is worse case for above 1GHz, so only show the test data for worse case.

RADIATED EMISSION BELOW 30MHZ

No emission found between lowest internal used/generated frequencies to 30MHz.

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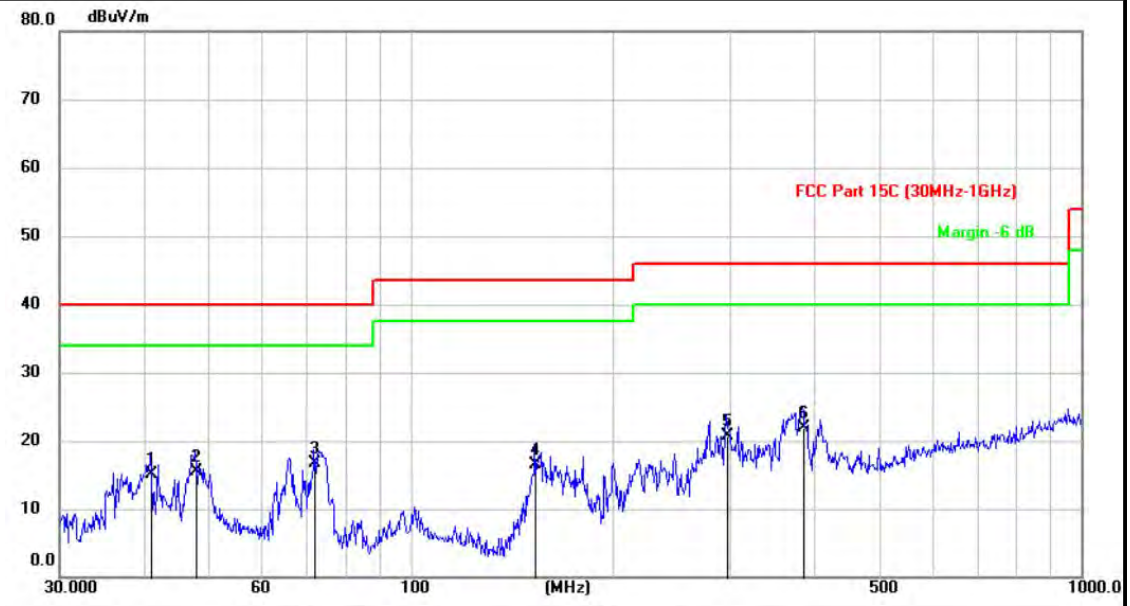
30MHz-1GHz

Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	DH5 Mode 2402 MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		41.0024	32.07	-16.90	15.17	40.00	-24.83	QP
2		47.8596	31.28	-15.81	15.47	40.00	-24.53	QP
3	*	71.8823	36.69	-19.91	16.78	40.00	-23.22	QP
4		153.5231	37.86	-21.31	16.55	43.50	-26.95	QP
5		296.2875	35.42	-14.75	20.67	46.00	-25.33	QP
6		384.6055	33.38	-11.41	21.97	46.00	-24.03	QP

Measurement = Reading level + Correct Factor

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	DH5 Mode 2402 MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1	*	41.1464	45.19	-16.87	28.32	40.00	-11.68	QP
2		72.7701	46.95	-20.00	26.95	40.00	-13.05	QP
3		156.7323	40.71	-21.23	19.48	43.50	-24.02	QP
4		224.3619	35.12	-16.90	18.22	46.00	-27.78	QP
5		309.7804	34.61	-14.24	20.37	46.00	-25.63	QP
6		397.7729	32.01	-10.98	21.03	46.00	-24.97	QP

Measurement = Reading level + Correct Factor

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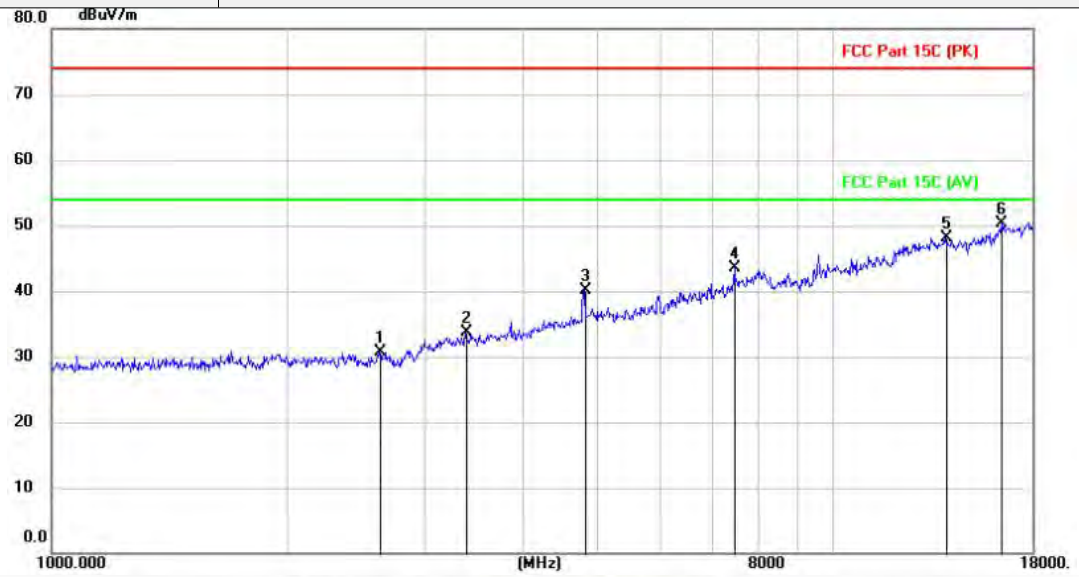
Adobe 1GHz

Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	TX DH5 Mode 2402MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2628.600	41.46	-10.81	30.65	74.00	-43.35	peak
2		3390.200	43.51	-9.88	33.63	74.00	-40.37	peak
3		4804.600	46.07	-5.92	40.15	74.00	-33.85	peak
4		7483.800	42.81	0.77	43.58	74.00	-30.42	peak
5		13950.600	36.96	11.17	48.13	74.00	-25.87	peak
6	*	16412.200	36.64	13.60	50.24	74.00	-23.76	peak

Measurement = Reading level + Correct Factor

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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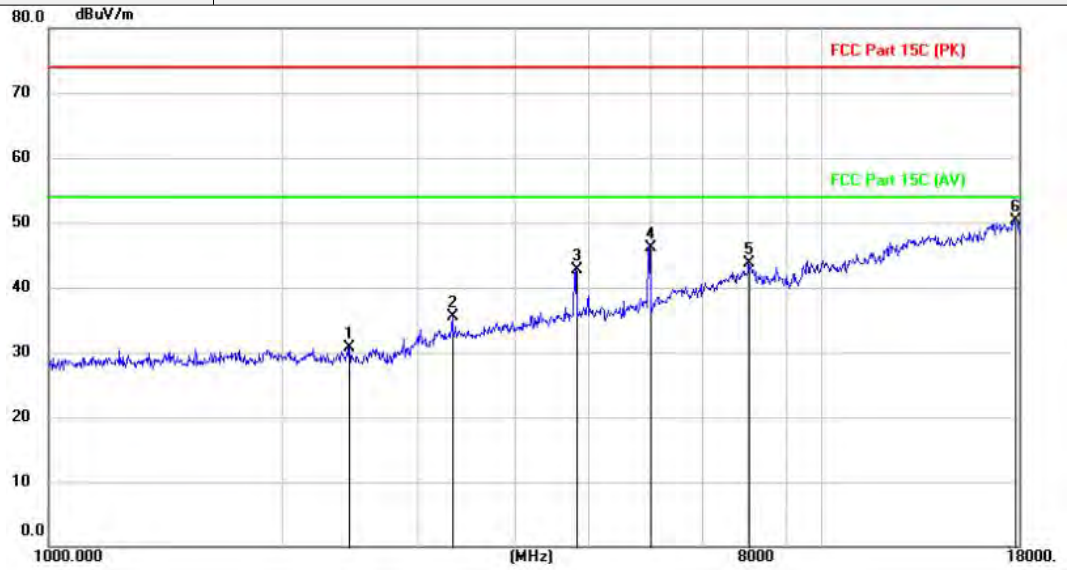
Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX DH5 Mode 2402MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2443.300	41.68	-10.91	30.77	74.00	-43.23	peak
2		3329.000	45.42	-9.99	35.43	74.00	-38.57	peak
3		4804.600	48.55	-5.92	42.63	74.00	-31.37	peak
4		5998.000	49.92	-3.81	46.11	74.00	-27.89	peak
5		8046.500	41.72	2.06	43.78	74.00	-30.22	peak
6	*	17751.800	36.87	13.51	50.38	74.00	-23.62	peak

Measurement = Reading level + Correct Factor

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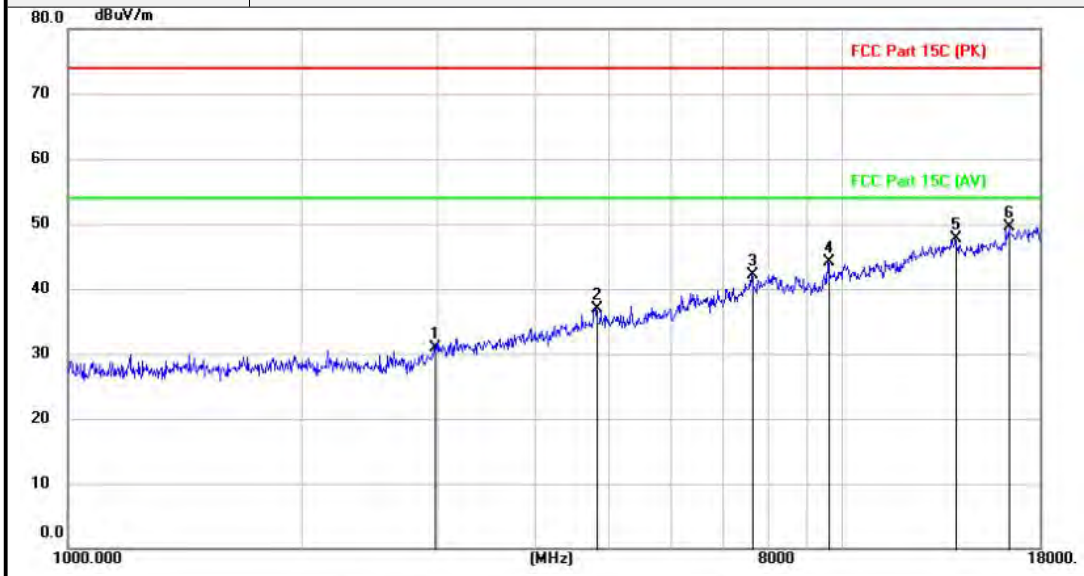
Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	TX DH5 Mode 2441MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2977.100	41.42	-10.60	30.82	74.00	-43.18	peak
2		4804.600	42.90	-5.92	36.98	74.00	-37.02	peak
3		7638.500	40.97	1.16	42.13	74.00	-31.87	peak
4		9607.100	40.89	3.20	44.09	74.00	-29.91	peak
5		14005.000	36.48	11.22	47.70	74.00	-26.30	peak
6	*	16446.200	35.85	13.68	49.53	74.00	-24.47	peak

Measurement = Reading level + Correct Factor

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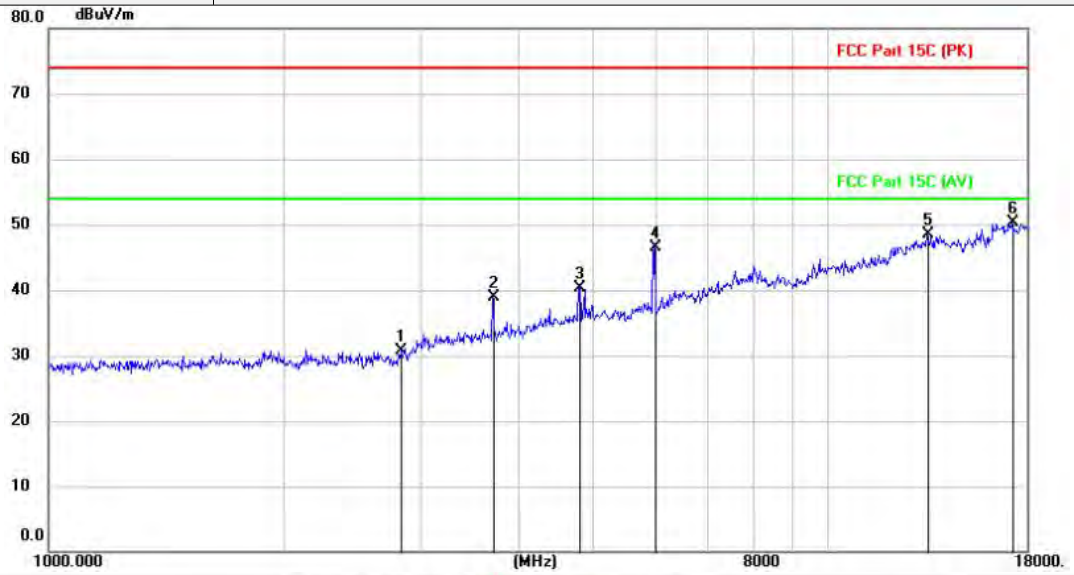
Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX DH5 Mode 2441MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2837.700	41.46	-10.68	30.78	74.00	-43.22	peak
2		3725.100	48.06	-9.12	38.94	74.00	-35.06	peak
3		4802.900	46.22	-5.92	40.30	74.00	-33.70	peak
4		5991.200	50.23	-3.81	46.42	74.00	-27.58	peak
5		13433.800	37.91	10.53	48.44	74.00	-25.56	peak
6	*	17245.200	37.14	13.21	50.35	74.00	-23.65	peak

Measurement = Reading level + Correct Factor

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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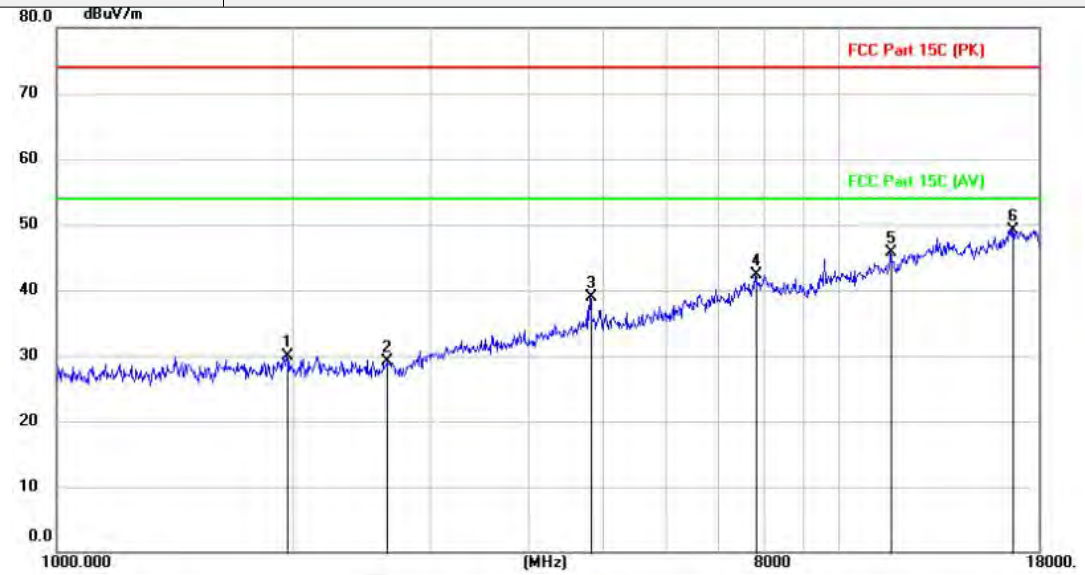
Test Voltage	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	TX DH5 Mode 2480MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		1967.300	40.93	-11.08	29.85	74.00	-44.15	peak
2		2642.200	39.92	-10.79	29.13	74.00	-44.87	peak
3		4804.600	44.91	-5.92	38.99	74.00	-35.01	peak
4		7813.600	40.76	1.60	42.36	74.00	-31.64	peak
5		11638.600	38.48	7.14	45.62	74.00	-28.38	peak
6	*	16684.200	35.66	13.52	49.18	74.00	-24.82	peak

Measurement = Reading level + Correct Factor

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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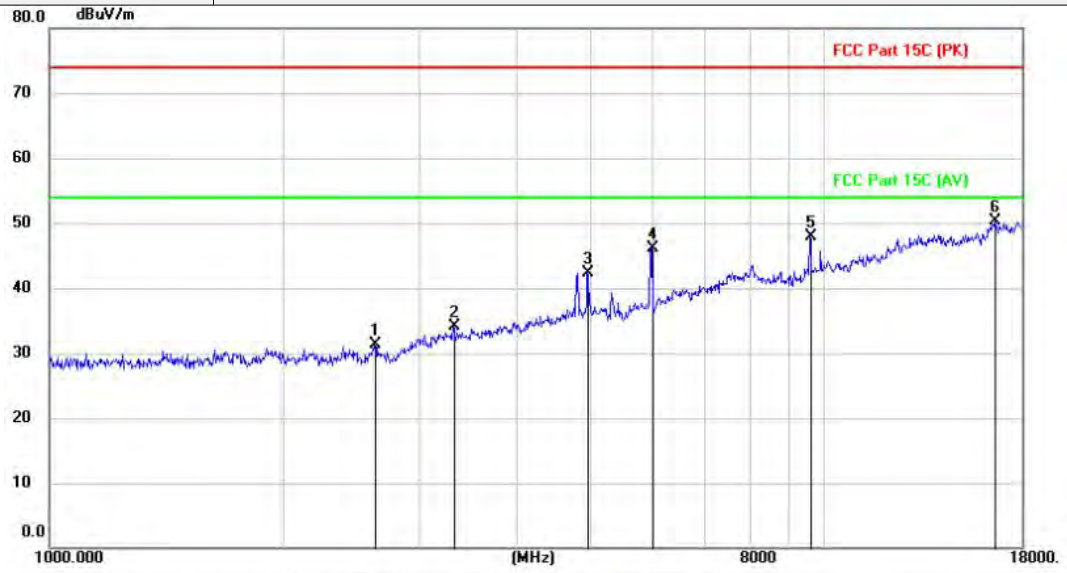
Test Voltage	DC 3.7V
Ant. Pol.	Vertical
Test Mode:	TX DH5 Mode 2480MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	Detector
1		2630.300	42.06	-10.81	31.25	74.00	-42.75	peak
2		3327.300	44.08	-9.99	34.09	74.00	-39.91	peak
3		4959.300	47.80	-5.51	42.29	74.00	-31.71	peak
4		5998.000	49.99	-3.81	46.18	74.00	-27.82	peak
5		9608.800	44.70	3.21	47.91	74.00	-26.09	peak
6	*	16617.900	36.62	13.63	50.25	74.00	-23.75	peak

Measurement = Reading level + Correct Factor

Note:

1.All test modes had been tested. The GFSK(DH5) modulation is the worst case and recorded in the report.

2. 18GHz-26.5GHz is the background of the site, there is no radiated spurious.

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3.10. Conducted Emission

Limit

Conducted Emission Test Limit

Frequency	Maximum RF Line Voltage (dBμV)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

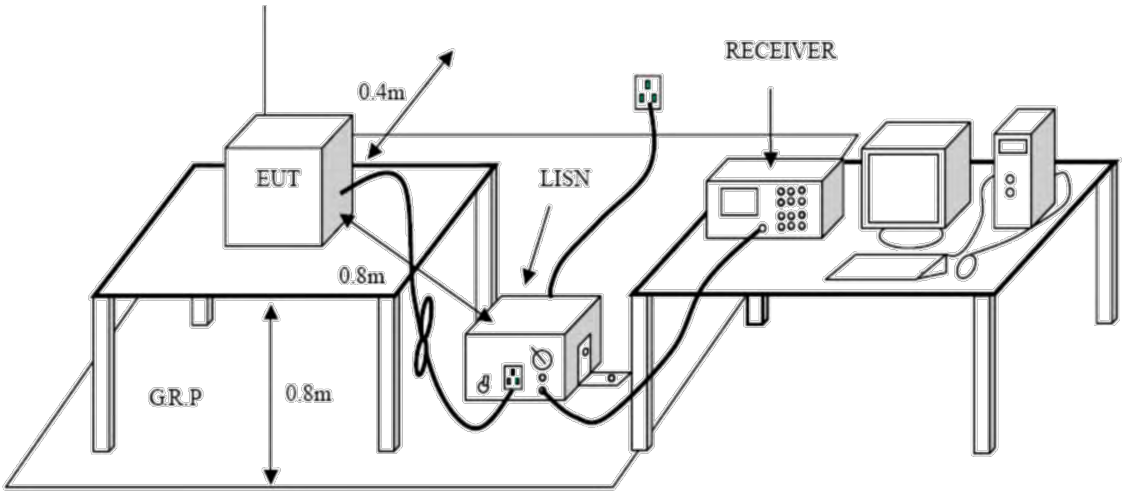
Notes:

(1) *Decreasing linearly with logarithm of the frequency.

(2) The lower limit shall apply at the transition frequencies.

(3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Configuration



Test Procedure

1. The EUT was setup according to ANSI C63.10:2020 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50ohm /50uH coupling impedance for the measuring equipment.
   The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
4. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
5. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
7. During the above scans, the emissions were maximized by cable manipulation.

Test Mode:

Please refer to the clause 2.2

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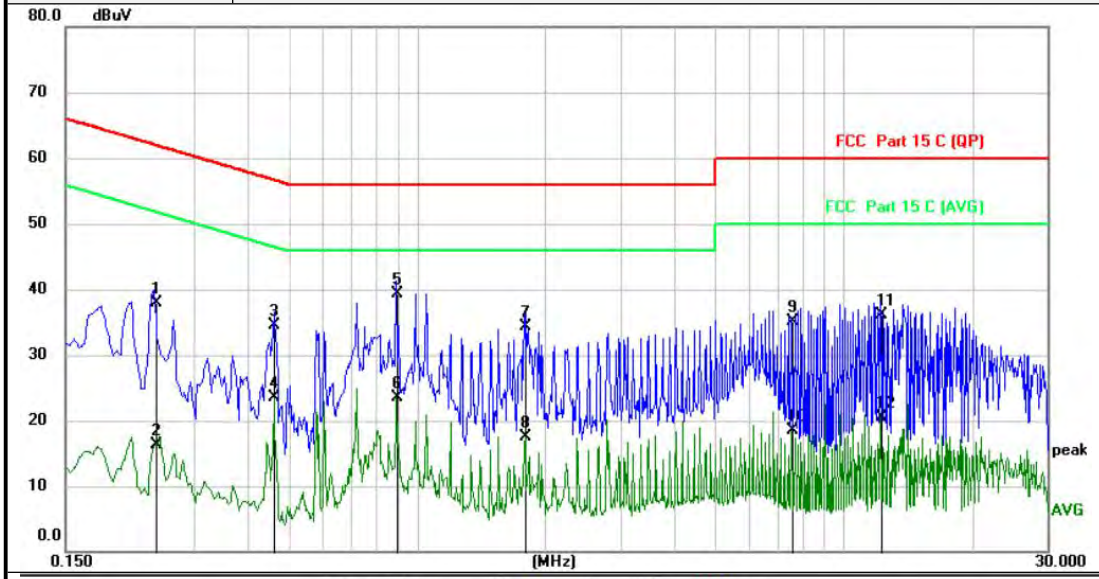
Test Results

Pre-scan DH5, 2DH5 modulation, and found the DH5 modulation 2402MHz which it is worse case, so only show the test data for worse case.

Test Voltage:	AC 120V/60Hz
Terminal:	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.2442	27.27	10.73	38.00	61.95	-23.95	QP
2		0.2442	5.62	10.73	16.35	51.95	-35.60	AVG
3		0.4620	24.05	10.44	34.49	56.66	-22.17	QP
4		0.4620	13.10	10.44	23.54	46.66	-23.12	AVG
5	*	0.8980	28.74	10.48	39.22	56.00	-16.78	QP
6		0.8980	13.08	10.48	23.56	46.00	-22.44	AVG
7		1.7940	23.89	10.51	34.40	56.00	-21.60	QP
8		1.7940	7.04	10.51	17.55	46.00	-28.45	AVG
9		7.5540	24.48	10.58	35.06	60.00	-24.94	QP
10		7.5540	7.97	10.58	18.55	50.00	-31.45	AVG
11		12.2020	25.39	10.69	36.08	60.00	-23.92	QP
12		12.2020	9.80	10.69	20.49	50.00	-29.51	AVG

Remarks:
1.Measurement = Reading Level+ Correct Factor
2.Over = Measurement -Limit

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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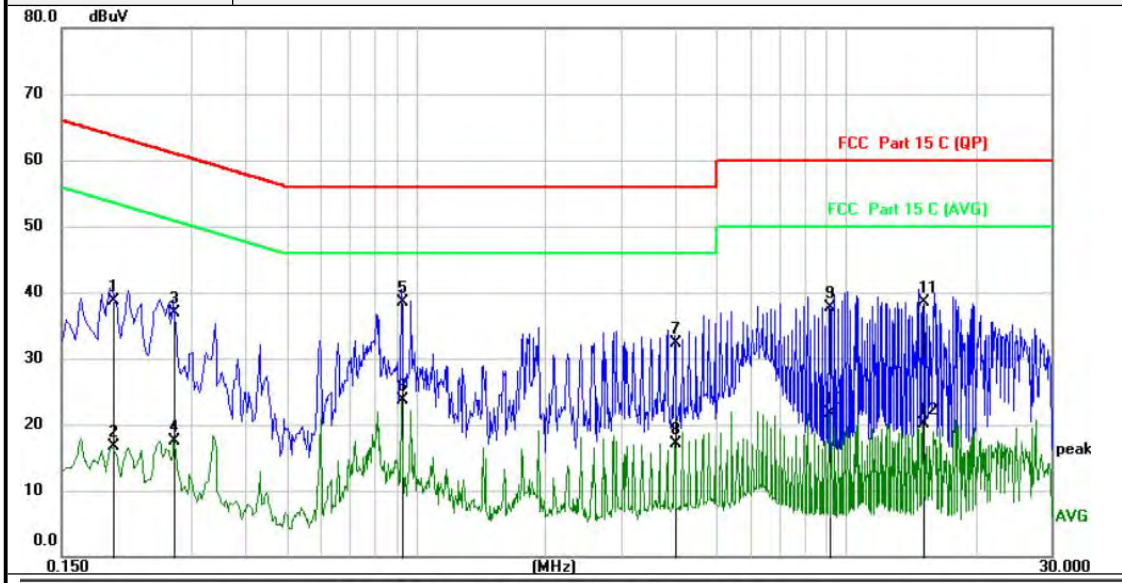
Test Voltage:	AC 120V/60Hz
Terminal:	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1980	27.88	10.75	38.63	63.69	-25.06	QP
2		0.1980	5.90	10.75	16.65	53.69	-37.04	AVG
3		0.2740	26.27	10.61	36.88	61.00	-24.12	QP
4		0.2740	6.88	10.61	17.49	51.00	-33.51	AVG
5	*	0.9260	28.09	10.47	38.56	56.00	-17.44	QP
6		0.9260	13.14	10.47	23.61	46.00	-22.39	AVG
7		4.0060	21.79	10.61	32.40	56.00	-23.60	QP
8		4.0060	6.47	10.61	17.08	46.00	-28.92	AVG
9		9.1180	27.20	10.59	37.79	60.00	-22.21	QP
10		9.1180	11.15	10.59	21.74	50.00	-28.26	AVG
11		15.0940	27.68	10.77	38.45	60.00	-21.55	QP
12		15.0940	9.32	10.77	20.09	50.00	-29.91	AVG

Remarks:
1.Measurement = Reading Level+ Correct Factor
2.Over = Measurement -Limit

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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3.11. Pseudorandom Frequency Hopping Sequence

LIMIT

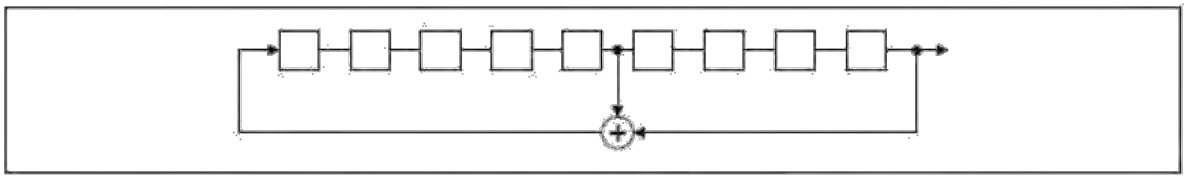
FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1):

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hop-ping channel, whichever is greater. Al-ternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hop-ping channel bandwidths of their cor-responding transmitters and shall shift frequencies in synchronization with the transmitted signals.

TEST RESULTS

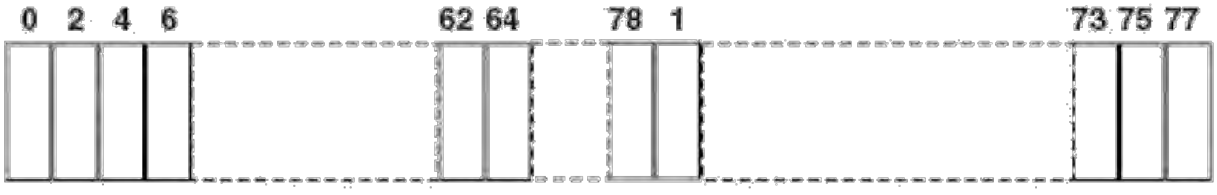
The pseudorandom frequency hopping sequence may be generated in a nice-stage shift register whose 5^{th} and 9^{th} stage outputs are added in a modulo-two addition stage.And the result is fed back to the input of the friststage.The sequence begins with the frist one of 9 consecutive ones, for example: the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence:29-1=511 bits
- Longest sequence of zeros:8(non-inverted signal)



Linear Feedback Shift Register for Generation of the PRBS sequence

An explame of pseudorandom frequency hopping sequence as follows:



Each frequency used equally one the average by each transmitter.

The system receiver have input bandwidths that match the hopping channel bandwidths of their corresponding transmitter and shift frequencies in synchronization with the transmitted signals.

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4.EUT TEST PHOTOS

Radiated Measurement (Below 1GHz)

Radiated Measurement (Above 1GHz)


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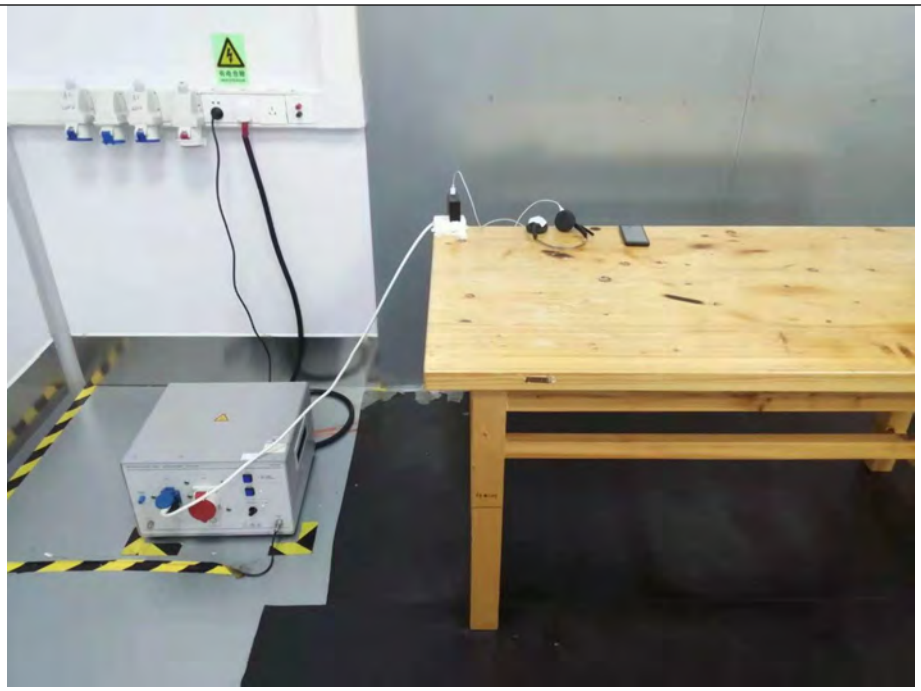
Conducted Emission


Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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5.PHOTOGRAPHS OF EUT CONSTRUCTIONAL

External Photographs

Photo 1

Photo 2

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Photo 3

Photo 4


Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
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Photo 5

Photo 6

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Internal Photographs

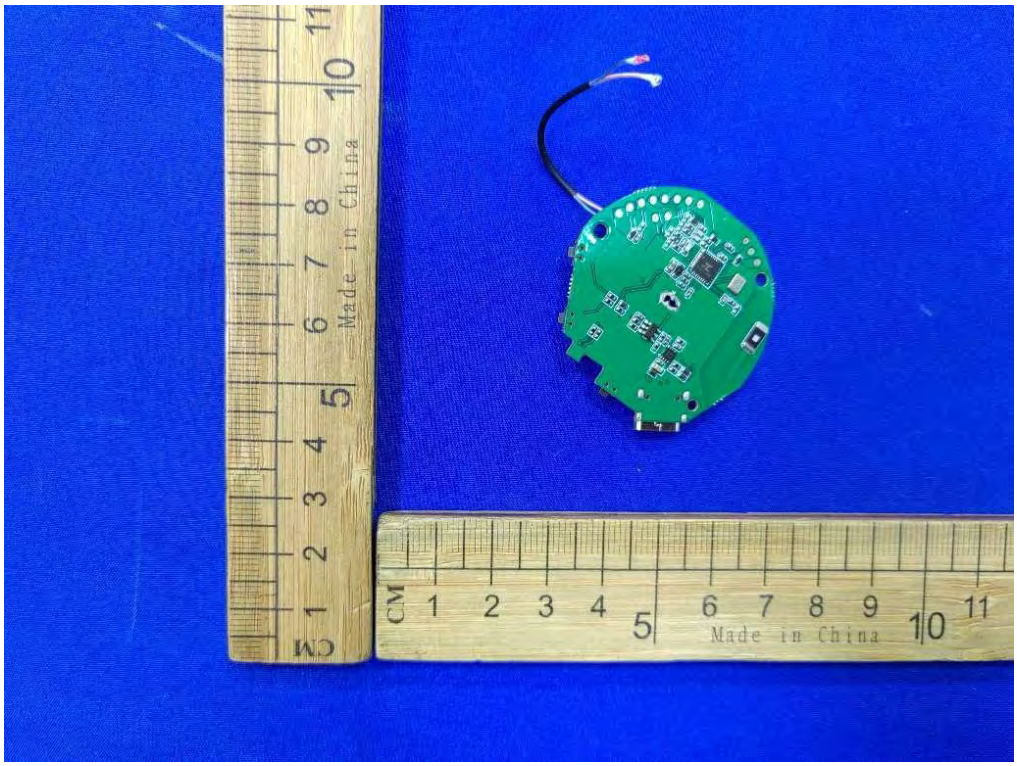
Photo 1

Photo 2

Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
Tel：+(86) 0755-2985 2678 Fax: +(86) 0755-2985 2397 E-mail：info@gdksign.cn Web: www.gdksign.com

Photo 3

Photo 4



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
Tel：+(86) 0755-2985 2678 Fax: +(86) 0755-2985 2397 E-mail：info@gdksign.cn Web: www.gdksign.com

Photo 5

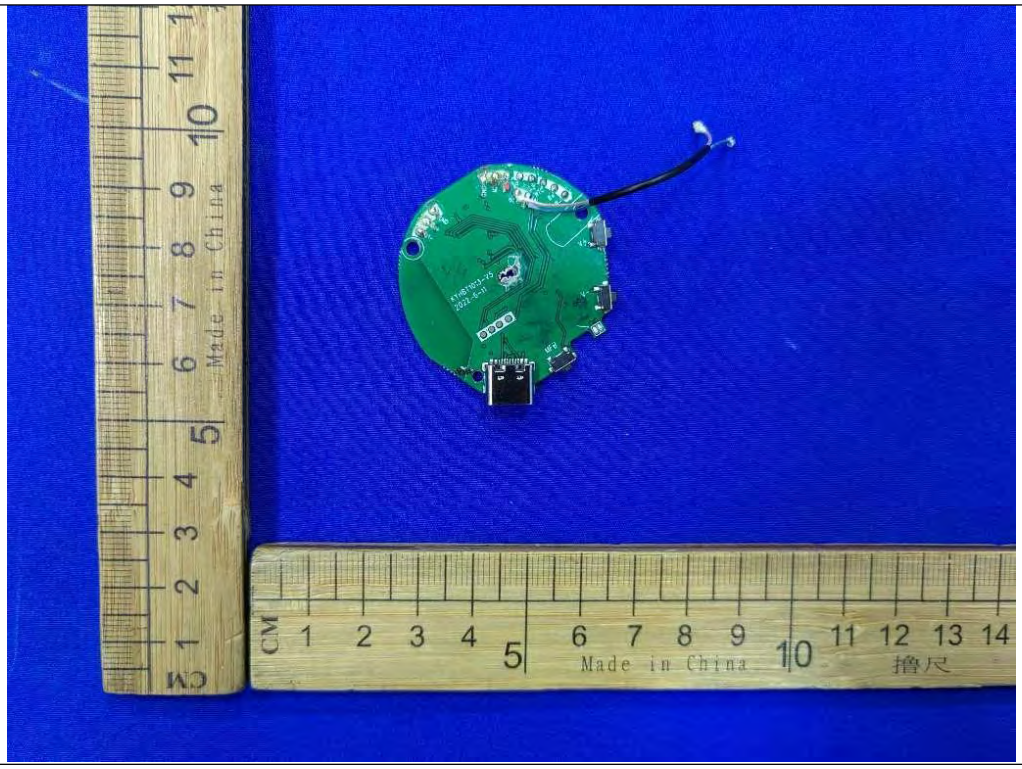
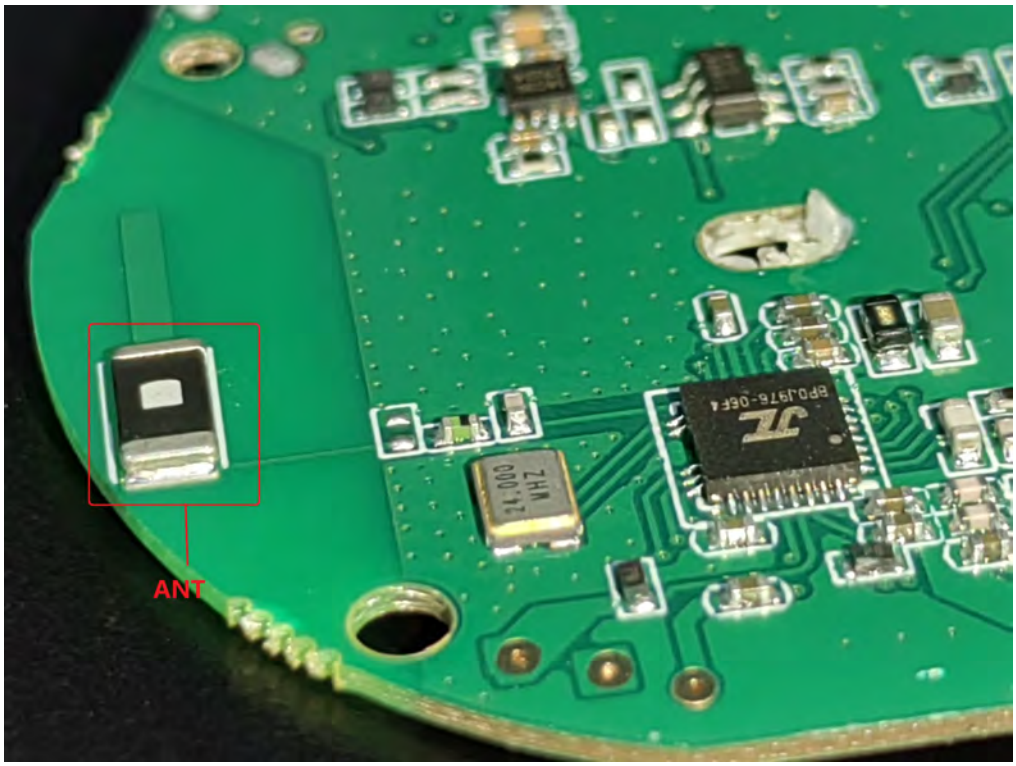


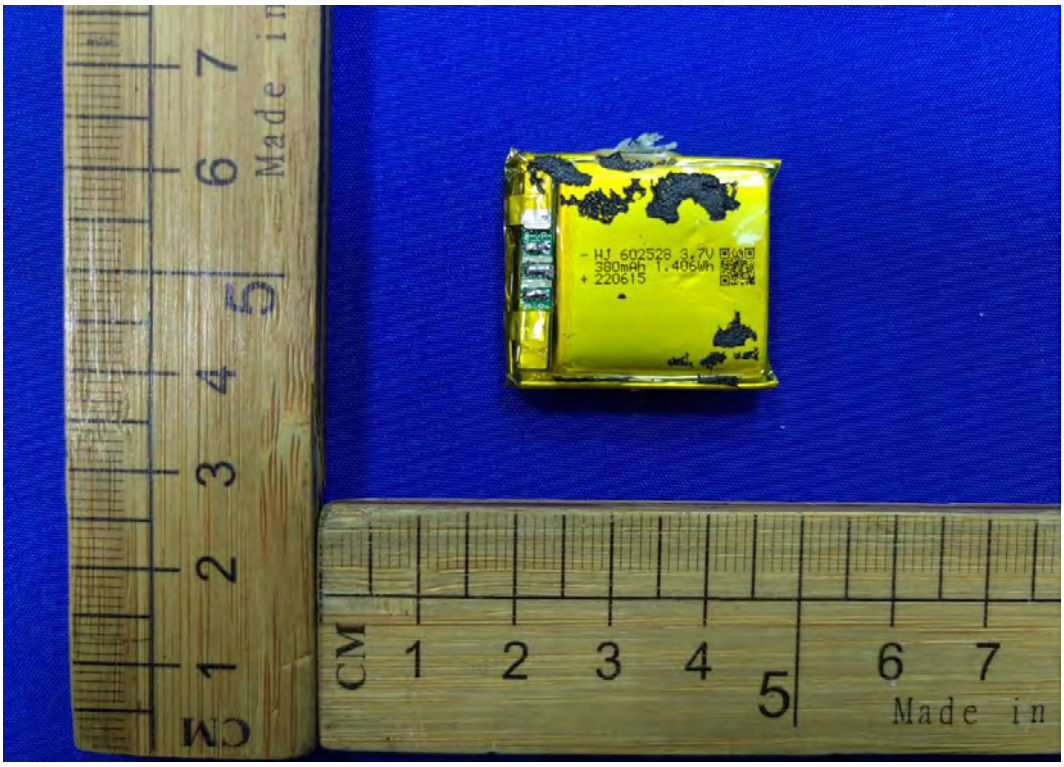
Photo 6



Add：West Side of 1/F., Building C, Zone A, Fuyuan New Factory, Jiujiu Industrial Park, Minzhu, Shatou, Shajing, Bao'an District, Shenzhen, Guangdong, China
Tel：+(86) 0755-2985 2678 Fax: +(86) 0755-2985 2397 E-mail：info@gdksign.cn Web: www.gdksign.com

Photo 7

Photo 8



--THE END--

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