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Report Template Version: V05 Report Template Revision Date: 2021-11-03

# **Test Report**

Report No. :	CQASZ20250100006E-01		
Applicant:	Creek Wearable Technology Co., Ltd.		
Address of Applicant:	910, 5A office building, Longguang Jiuzuan, Longhua District, Shenzhen		
Equipment Under Test (E	EUT):		
Product:	Smart Watch		
Model No.:	Kriki Watch S1G		
Test Model No.:	Kriki Watch S1G		
Brand Name:	N/A		
FCC ID:	2BBYH-C1050		
Standards:	47 CFR Part 15, Subpart C		
	KDB558074 D01 15.247 Meas Guidance v05r02		
	ANSI C63.10:2013		
Date of Receipt:	2025-1-2		
Date of Test:	2025-1-2 to 2025-1-10		
Date of Issue:	2025-01-16		
Test Result :	PASS*		

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

Tested By:	lewis zhou	
· _	( Lewis Zhou )	TESTING TOOL
Reviewed By:	Timo Loj	
	(Timo Lei)	华夏准测
Approved By:	Janess	APPROVED *
	( Jack Ai )	

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.



# 1 Version

## **Revision History Of Report**

Report No.	Version	Description	Issue Date
CQASZ20250100006E-01	Rev.01	Initial report	2025-01-16



## 2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15.203	/	PASS
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	ANSI C63.10-2013	PASS
Conducted Peak Output Power	47 CFR Part 15.247	ANSI C63.10-2013	PASS
20dB Occupied Bandwidth	47 CFR Part 15.247	ANSI C63.10-2013	PASS
Carrier Frequencies Separation	47 CFR Part 15.247	ANSI C63.10-2013	PASS
Hopping Channel Number	47 CFR Part 15.247	ANSI C63.10-2013	PASS
Dwell Time	47 CFR Part 15.247	ANSI C63.10-2013	PASS
Pseudorandom Frequency Hopping Sequence	47 CFR Part 15.247	ANSI C63.10-2013	PASS
Band-edge for RF Conducted Emissions	47 CFR Part 15.247	ANSI C63.10-2013	PASS
RF Conducted Spurious Emissions	47 CFR Part 15.247	ANSI C63.10-2013	PASS
Radiated Spurious emissions	47 CFR Part 15.209	ANSI C63.10-2013	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15.205/15.209	ANSI C63.10-2013	PASS

Remark:

The tested sample(s) and the sample information are provided by the client.

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application



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## 4 General Information

## 4.1 Client Information

Applicant:	Creek Wearable Technology Co., Ltd.		
Address of Applicant:	910, 5A office building, Longguang Jiuzuan, Longhua District, Shenzhen		
Manufacturer:	Creek Wearable Technology Co., Ltd.		
Address of Manufacturer:	910, 5A office building, Longguang Jiuzuan, Longhua District, Shenzhen		
Factory:	Creek Wearable Technology Co., Ltd.		
Address of Factory:	910, 5A office building, Longguang Jiuzuan, Longhua District, Shenzhen		

## 4.2 General Description of EUT

Product Name:	Smart Watch		
Model No.:	Kriki Watch S1G		
Test Model No.:	Kriki Watch S1G		
Trade Mark:	Ν/Α		
Software Version:	V0.0.12		
Hardware Version:	KWSO1G MB V1.1		
Operation Frequency:	2402MHz~2480MHz		
Bluetooth Version:	V5.3		
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)		
Modulation Type:	GFSK, π/4DQPSK, 8DPSK		
Transfer Rate:	1Mbps/2Mbps/3Mbps		
Number of Channel:	79		
Hopping Channel Type:	hannel Type: Adaptive Frequency Hopping systems		
Product Type:	□ Mobile		
Test Software of EUT:	BT FCC Tool V2.24		
Antenna Type:	Metal mid-frame antenna		
Antenna Gain:	-3.68dBi		
EUT Power Supply:	Li-ion battery: DC 3.85V 300mAh, Charge by DC 5V for adapter		
Simultaneous Transmission	☐ Simultaneous TX is supported and evaluated in this report.		
	Simultaneous TX is not supported.		



Operation F	Operation Frequency each of channel						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
6	2408MHz	26	2428MHz	46	2448MHz	66	2468MHz
7	2409MHz	27	2429MHz	47	2449MHz	67	2469MHz
8	2410MHz	28	2430MHz	48	2450MHz	68	2470MHz
9	2411MHz	29	2431MHz	49	2451MHz	69	2471MHz
10	2412MHz	30	2432MHz	50	2452MHz	70	2472MHz
11	2413MHz	31	2433MHz	51	2453MHz	71	2473MHz
12	2414MHz	32	2434MHz	52	2454MHz	72	2474MHz
13	2415MHz	33	2435MHz	53	2455MHz	73	2475MHz
14	2416MHz	34	2436MHz	54	2456MHz	74	2476MHz
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz		

#### 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:

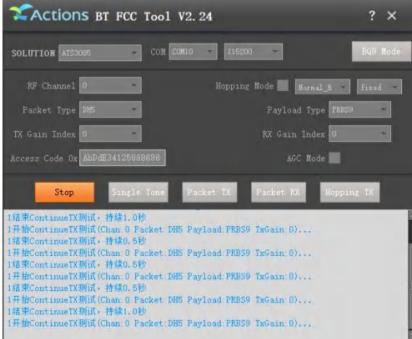
Channel	Frequency
The Lowest channel	2402MHz
The Middle channel	2441MHz
The Highest channel	2480MHz



### 4.3 Additional Instructions

EUT Test Software Set	EUT Test Software Settings:			
Mode:	<ul> <li>Special software is used.</li> <li>Through engineering command into the engineering mode.</li> <li>engineering command: *#*#3646633#*#*</li> </ul>			
EUT Power level:	(Power level is built-in set parameters and cannot be changed and selected)			
Use test software to set the low	west frequency, the middle frequency and	the highest frequency keep		
transmitting of the EUT.		r		
Mode	Channel	Frequency(MHz)		
	СН0	2402		
DH1/DH3/DH5	СН39	2441		
	CH78	2480		
	СНО	2402		
2DH1/2DH3/2DH5	CH39	2441		
	CH78	2480		
	СНО	2402		
3DH1/3DH3/3DH5	СН39	2441		
	CH78	2480		

#### Run Software:





### 4.4 Test Environment

Operating Environment	Operating Environment:		
Temperature:	25 °C		
Humidity:	54% RH		
Atmospheric Pressure:	1009mbar		
Test Mode:	Use test software to set the lowest frequency, the middle frequency and the highest frequency keep transmitting of the EUT.		

## 4.5 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.	Remark	Supplied
Adapter	MI	1	1	CQA



### 4.6 Statement of the 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 CISPR 16 - 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the **Shenzhen Huaxia Testing Technology Co., Ltd.** quality 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.

No.	Item	Uncertainty
1	Radiated Emission (Below 1GHz)	5.12dB
2	Radiated Emission (Above 1GHz)	4.60dB
3	Conducted Disturbance (0.15~30MHz)	3.34dB
4	Radio Frequency	3×10 <sup>-8</sup>
5	Duty cycle	0.6 %
6	Occupied Bandwidth	1.1%
7	RF conducted power	0.86dB
8	RF power density	0.74
9	Conducted Spurious emissions	0.86dB
10	Temperature test	0.8°C
11	Humidity test	2.0%
12	Supply voltages	0.5 %
13	Frequency Error	5.5 Hz

Hereafter the best measurement capability for CQA laboratory is reported:



### 4.7 Test Location

All tests were performed at:

Shenzhen Huaxia Testing Technology Co., Ltd.

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China

### 4.8 Test Facility

The test facility is recognized, certified, or accredited by the following organizations: **IC Registration No.: 22984-1** 

The 3m Semi-anechoic chamber of Shenzhen Huaxia Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

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

#### CNAS (No. CNAS L5785)

CNAS has accredited Shenzhen Huaxia Testing Technology Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

#### • A2LA (Certificate No. 4742.01)

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.

#### • FCC Registration No.: 522263

Shenzhen Huaxia Testing Technology 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 our files. Registration No.:522263

#### 4.9 Abnormalities from Standard Conditions

None.

#### 4.10 Other Information Requested by the Customer

None.



## 4.11 Equipment List

Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
EMI Test Receiver R&S ESR7		CQA-005	2024/9/2	2025/9/1	
Spectrum analyzer	R&S	FSU26	CQA-038	2024/9/2	2025/9/1
Spectrum analyzer	R&S	FSU40	CQA-075	2024/9/2	2025/9/1
Preamplifier	MITEQ	AFS4-00010300-18- 10P-4	CQA-035	2024/9/2	2025/9/1
Preamplifier	MITEQ	AMF-6D-02001800- 29-20P	CQA-036	2024/9/2	2025/9/1
Preamplifier	EMCI	EMC184055SE	CQA-089	2024/9/2	2025/9/1
Loop antenna	Schwarzbeck	FMZB1516	CQA-060	2023/9/8	2026/9/7
Bilog Antenna	R&S	HL562	CQA-011	2023/11/01	2026/10/31
Horn Antenna	R&S	HF906	CQA-012	2023/11/01	2026/10/31
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2024/9/2	2025/9/1
Coaxial Cable (Above 1GHz)	CQA	N/A	C007	2024/9/2	2025/9/1
Coaxial Cable (Below 1GHz)	CQA	N/A	C013	2024/9/2	2025/9/1
RF cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2024/9/2	2025/9/1
Antenna Connector	CQA	RFC-01	CQA-080	2024/9/2	2025/9/1
Power Sensor	KEYSIGHT	U2021XA	CQA-30	2024/9/2	2025/9/1
N1918A Power Analysis Manager Power Panel	Agilent	N1918A	CQA-074	2024/9/2	2025/9/1
Power meter	R&S	NRVD	CQA-029	2024/9/2	2025/9/1
Power divider	MIDWEST	PWD-2533-02-SMA- 79	CQA-067	2024/9/2	2025/9/1
EMI Test Receiver	R&S	ESR7	CQA-005	2024/9/2	2025/9/1
LISN	R&S	ENV216	CQA-003	2024/9/2	2025/9/1
Coaxial cable	CQA	N/A	CQA-C009	2024/9/2	2025/9/1
DC power	KEYSIGHT	E3631A	CQA-028	2024/9/2	2025/9/1

Note:

The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.



## 5 Test results and Measurement Data

### 5.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203 /247(c)
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#### 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(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### EUT Antenna:



The antenna is Metal mid-frame antenna.

The connection/connection type between the antenna to the EUT's antenna port is: unique couplingx.

This is either permanently attachment or a unique coupling that satisfies the requirement.





## 5.2 Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207				
Test Method:	ANSI C63.10: 2013				
Test Frequency Range:	150kHz to 30MHz				
Limit:		Limit (dBuV)			
	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	* Decreases with the logarithm of the frequency.			
Test Procedure:	<ul> <li>room.</li> <li>2) The EUT was connected to Impedance Stabilization N impedance. The power call connected to a second LIS reference plane in the sam measured. A multiple sock power cables to a single LI exceeded.</li> <li>3) The tabletop EUT was place ground reference plane. At placed on the horizontal gr</li> <li>4) The test was performed wi of the EUT shall be 0.4 m to vertical ground reference plane. The LISN unit under test and bonded mounted on top of the group between the closest points the EUT and associated ed</li> <li>5) In order to find the maximum</li> </ul>	eases with the logarithm of the frequency. e mains terminal disturbance voltage test was conducted in a shielde m. EUT was connected to AC power source through a LISN 1 (Line edance Stabilization Network) which provides a $50\Omega/50\mu$ H + $5\Omega$ linear edance. The power cables of all other units of the EUT were nected to a second LISN 2, which was bonded to the ground rence plane in the same way as the LISN 1 for the unit being asured. A multiple socket outlet strip was used to connect multiple ver cables to a single LISN provided the rating of the LISN was not			
Test Setup:	Shielding Room	AE UISN2 + AC Ma Ground Reference Plane	Test Receiver		

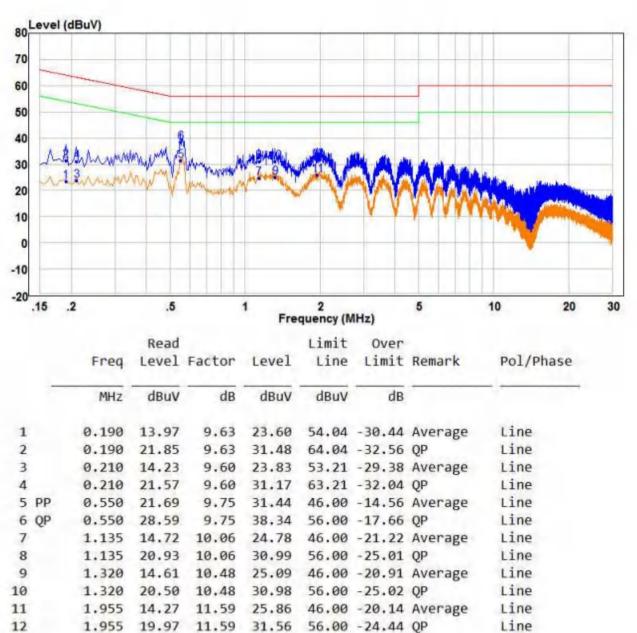


Exploratory Test Mode:	Non-hopping transmitting mode with all kind of modulation and all kind of
	data type at the lowest, middle, high channel.
Final Test Mode:	Through Pre-scan, find the DH5 of data type and GFSK modulation at the lowest channel is the worst case. Only the worst case is recorded in the report.
Test Voltage:	AC 120V/60Hz
Test Results:	Pass



#### Measurement Data

Live line:



Remark:

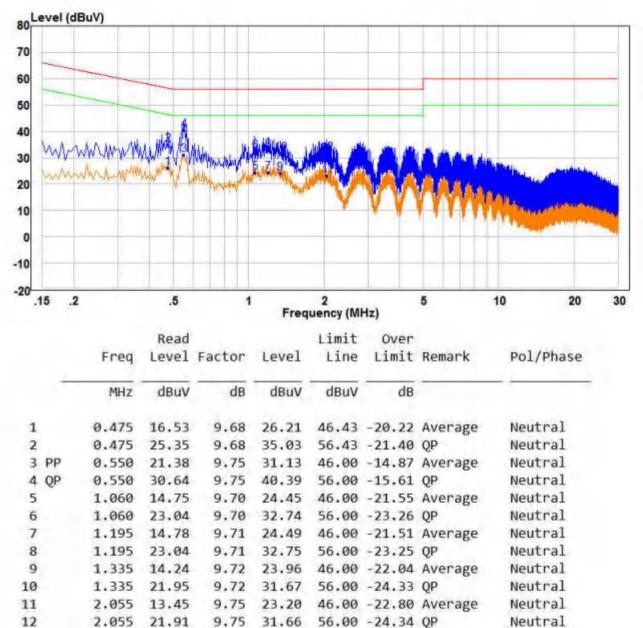
1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

3. If the Peak value under Average limit, the Average value is not recorded in the report.



Neutral line:



#### Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:

2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

3. If the Peak value under Average limit, the Average value is not recorded in the report.



## 5.3 Conducted Peak Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(1)		
Test Method:	ANSI C63.10:2013		
Test Setup:	Setup for Power meter measurement method		
	EUT Power Meter		
	Setup for Spectrum analyser measurement method		
	Spectrum Analyzer E.U.T Non-Conducted Table		
	Ground Reference Plane		
	Remark: Offset=Cable loss+ attenuation factor.		
Limit:	21dBm		
Exploratory Test Mode	Non-hopping transmitting with all kind of modulation and all kind of data ty		
Final Test Mode:	Only the worst case is recorded in the report.		
Test Results:	Pass		

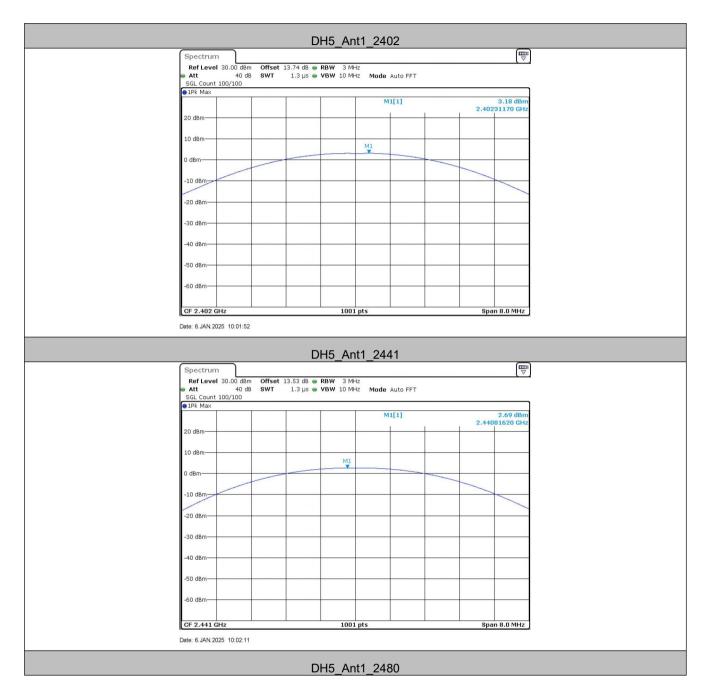


### Measurement Data

GFSK mode					
Test channel	Peak Output Power (dBm)	Limit (dBm)	Result		
Lowest	3.18	21.00	Pass		
Middle	2.69	21.00	Pass		
Highest	3.17	21.00	Pass		
	π/4DQPSK m	ode			
Test channel	Test channel Peak Output Power (dBm)		Result		
Lowest	2.88	21.00	Pass		
Middle	2.61	21.00	Pass		
Highest	3.00	21.00	Pass		
	8DPSK mod	le			
Test channel	Test channel Peak Output Power (dBm)		Result		
Lowest	Lowest 3.11		Pass		
Middle	2.37	21.00	Pass		
Highest	2.87	21.00	Pass		

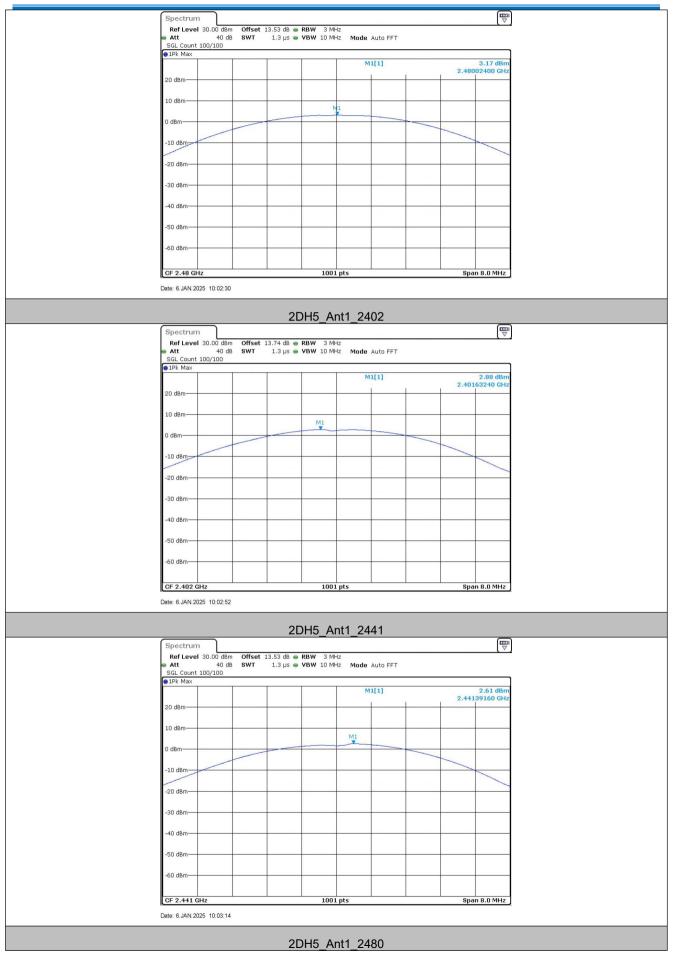


#### Test plot as follows:



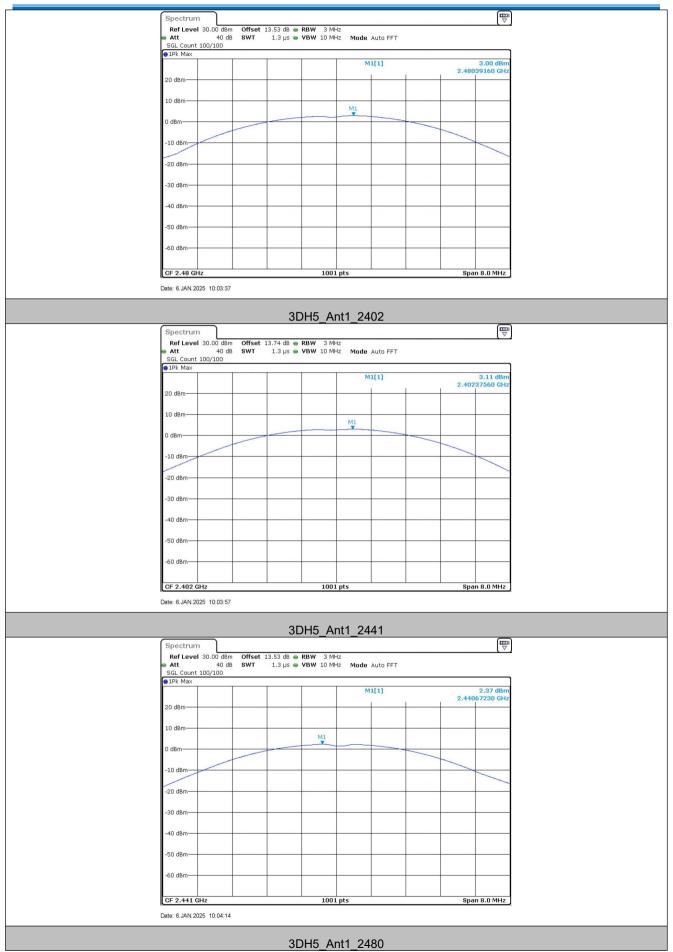












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Ref Level 30.00 dBm C	ffset 13.53 dB 👄	RBW 3 MHz				
	WT 1.3 μs 👄	VBW 10 MHz	Mode Auto FFT			
SGL Count 100/100						
●1Pk Max					0.07.10	
			M1[1]		2.87 dBm 2.48034370 GHz	
20 dBm					2.10001070 012	
20 0011						
10 dBm-						
10 0011			M1			
0.10			× · · · · · · · · · · · · · · · · · · ·			
0 dBm						
-10 dBm						
-20 dBm				+		
-30 dBm				+		
-40 dBm						
-50 dBm						
-30 dom						
co dos						
-60 dBm						
CF 2.48 GHz	I	1001 pt	s		Span 8.0 MHz	



## 5.4 20dB Occupied Bandwidth

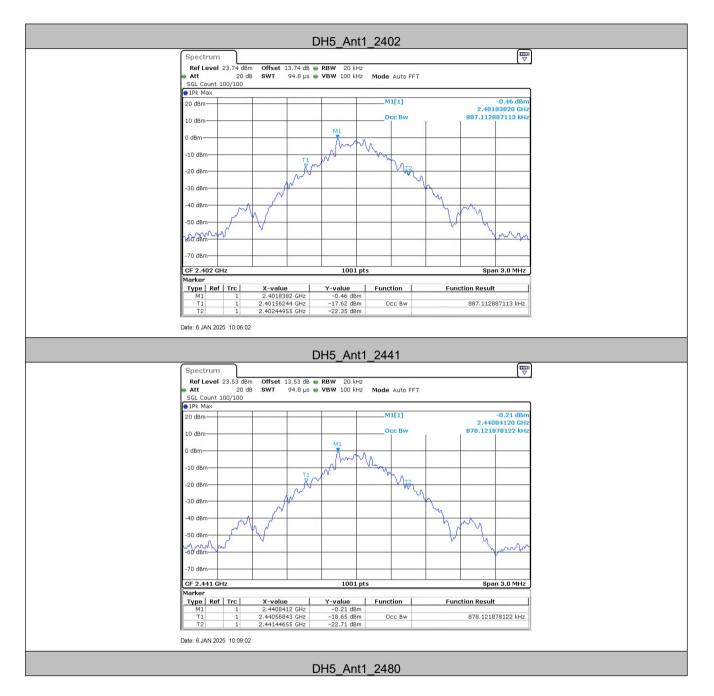
Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)
Test Method:	ANSI C63.10:2013
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table
	Ground Reference Plane
	Remark: Offset=Cable loss+ attenuation factor.
Limit:	NA
Exploratory Test Mode: Non-hopping transmitting with all kind of modulation and all kind	
Final Test Mode:	Only the worst case is recorded in the report.
Test Results:	Pass

#### Measurement Data

Test channel	20	0dB Occupy Bandwidth (MH	8DPSK 1.172	
rest channel	GFSK	π/4DQPSK	8DPSK	
Lowest	0.887	1.175	1.172	
Middle	0.878	1.148	1.142	
Highest	0.857	1.151	1.13	

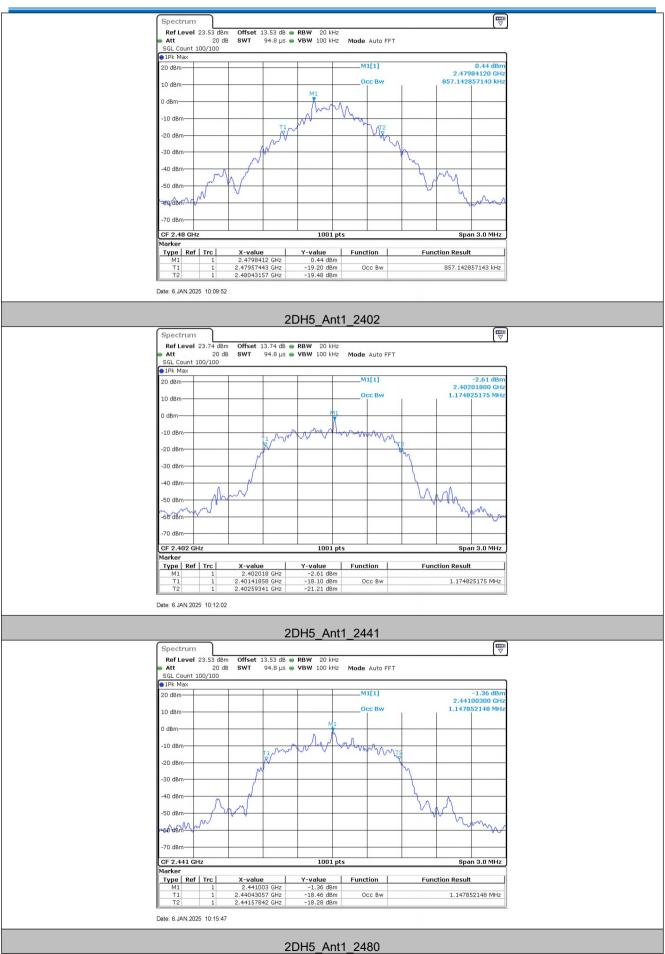


#### Test plot as follows:



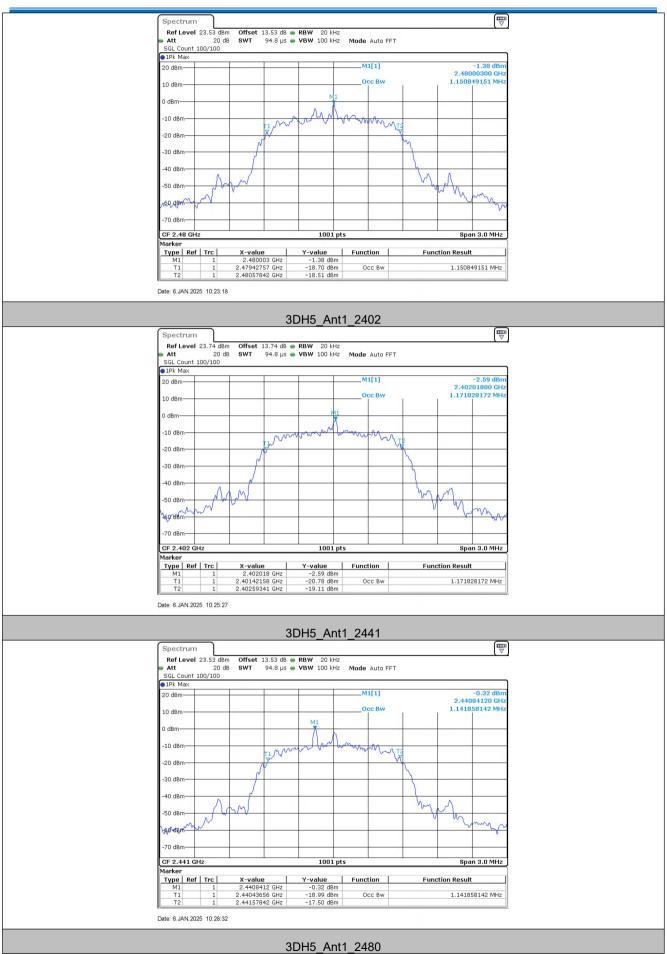


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## 5.5 Carrier Frequencies Separation

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)		
Test Method:	ANSI C63.10:2013		
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table		
	Ground Reference Plane		
	Remark: Offset=Cable loss+ attenuation factor.		
Limit:	2/3 of the 20dB bandwidth		
	Remark: the transmission power is less than 0.125W.		
Exploratory Test Mode:	Hopping transmitting with all kind of modulation and all kind of data type		
Final Test Mode:	Only the worst case is recorded in the report.		
Test Results:	Pass		



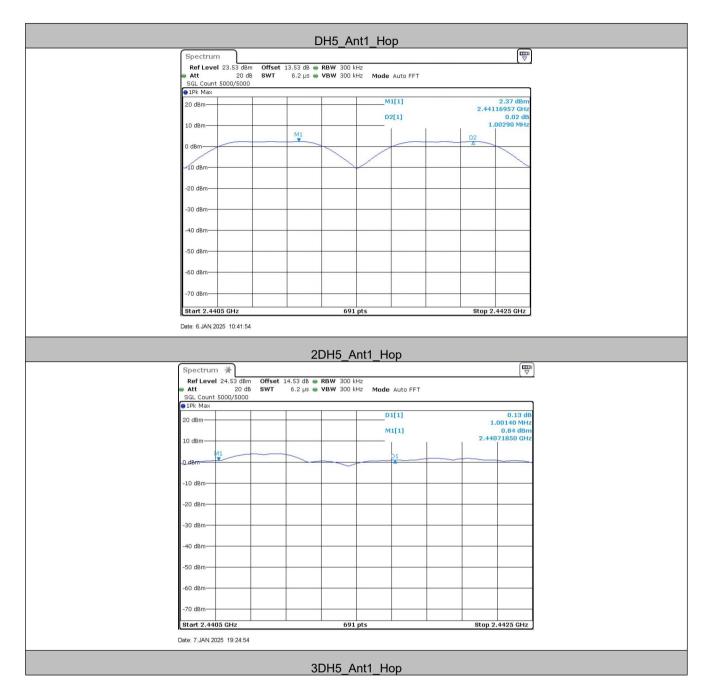
#### **Measurement Data**

TestMode	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Нор	1.003	≥0.591	PASS
2DH5	Нор	1.001	≥0.783	PASS
3DH5	Нор	1	≥0.781	PASS

Mode	20dB bandwidth (MHz) (worse case)	Limit (MHz) (Carrier Frequencies Separation)
GFSK	0.887	≥0.591
π/4DQPSK	1.175	≥0.783
8DPSK	1.172	≥0.781



#### Test plot as follows:





## Shenzhen Huaxia Testing Technology Co., Ltd.

Spectrum								
Ref Level Att SGL Count 5	20 dB		RBW 300 k VBW 300 k	:Hz :Hz <b>Mode</b> Au	ito FFT			
1Pk Max								
20 dBm				M1[1 D2[1			2.44084	.32 dBm 203 GHz -0.09 dB 300 MHz
0 dBm	M1	~	 		D2 A	-		
-10 dBm								
-20 dBm								
-30 dBm								
-50 dBm								
-60 dBm								
-70 dBm	E CUD		691	hte			Stop 2.44	25 0112
Jocart 2.440.			091	. pcs			atop 2.44	20 0112



## 5.6 Hopping Channel Number

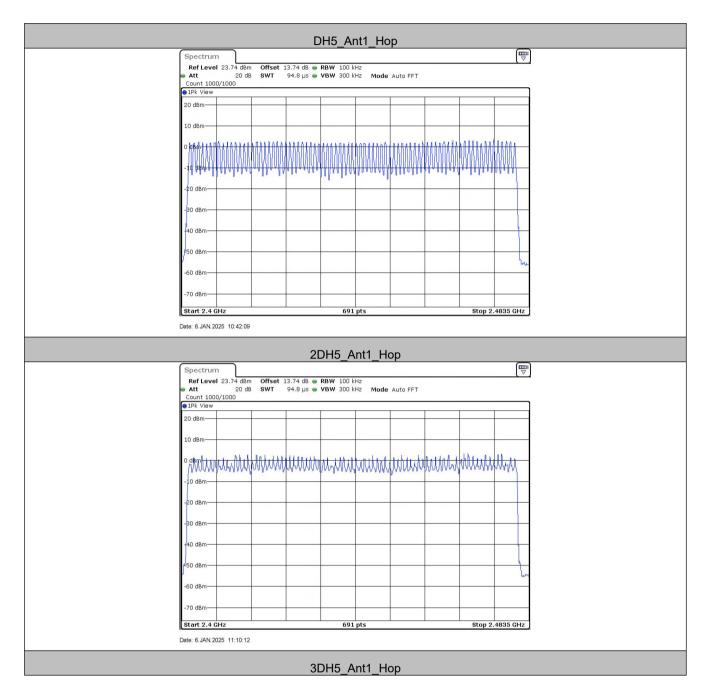
Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)						
Test Method:	ANSI C63.10:2013						
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane Remark: Offset=Cable loss+ attenuation factor.						
Limit:	At least 15 channels						
Exploratory Test Mode:	hopping transmitting with all kind of modulation and all kind of data type						
Final Test Mode:	Only the worst case is recorded in the report.						
Test Results:	Pass						

#### **Measurement Data**

Mode	Hopping channel numbers	Limit
GFSK	79	≥15
π/4DQPSK	79	≥15
8DPSK	79	≥15



#### Test plot as follows:





## Shenzhen Huaxia Testing Technology Co., Ltd.

<ul> <li>Att</li> <li>Count 1000</li> </ul>	20 dB		13.74 dB 👄 94.8 µs 👄			Auto FFT				
1Pk View	J/ 1000					_				_
20 dBm										_
10 dBm										
opentut	MMM	Mulph	Huddel	Mun	hilling	ANH and	MUM	WWW	MMM	
-10 dBm—										_
-20 dBm—	-									_
-30 dBm										<u>.</u>
-40 dBm										
-50 dBm										ł
-60 dBm										~
-70 dBm	_									_
Start 2.4 G	Hz	I	I	691	pts	I		Stop 2	.4835 G	Hz



## 5.7 Dwell Time

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(1)							
Test Method:	ANSI C63.10:2013							
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table							
	Ground Reference Plane							
	Remark: Offset=Cable loss+ attenuation factor.							
Test Mode:	Hopping transmitting with all kind of modulation and all kind of data type.							
Limit:	0.4 Second							
Test Results:	Pass							



#### Measurement Data

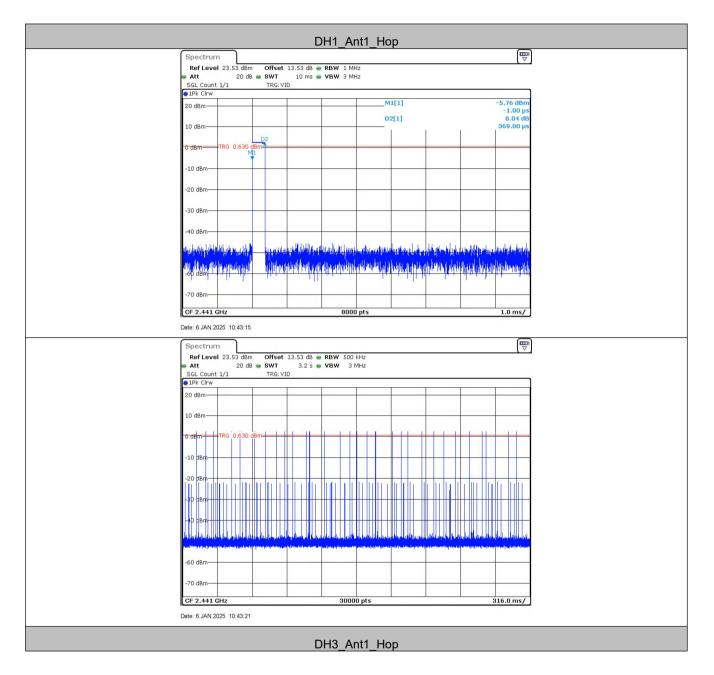
TestMode	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Нор	0.369	320	0.118	≤0.4	PASS
DH3	Нор	1.609	170	0.274	≤0.4	PASS
DH5	Нор	2.850	110	0.314	≤0.4	PASS
2DH1	Нор	0.376	330	0.124	≤0.4	PASS
2DH3	Нор	1.621	160	0.259	≤0.4	PASS
2DH5	Нор	2.862	120	0.343	≤0.4	PASS
3DH1	Нор	0.378	330	0.125	≤0.4	PASS
3DH3	Нор	1.619	160	0.259	≤0.4	PASS
3DH5	Нор	2.863	110	0.315	≤0.4	PASS

#### Remark:

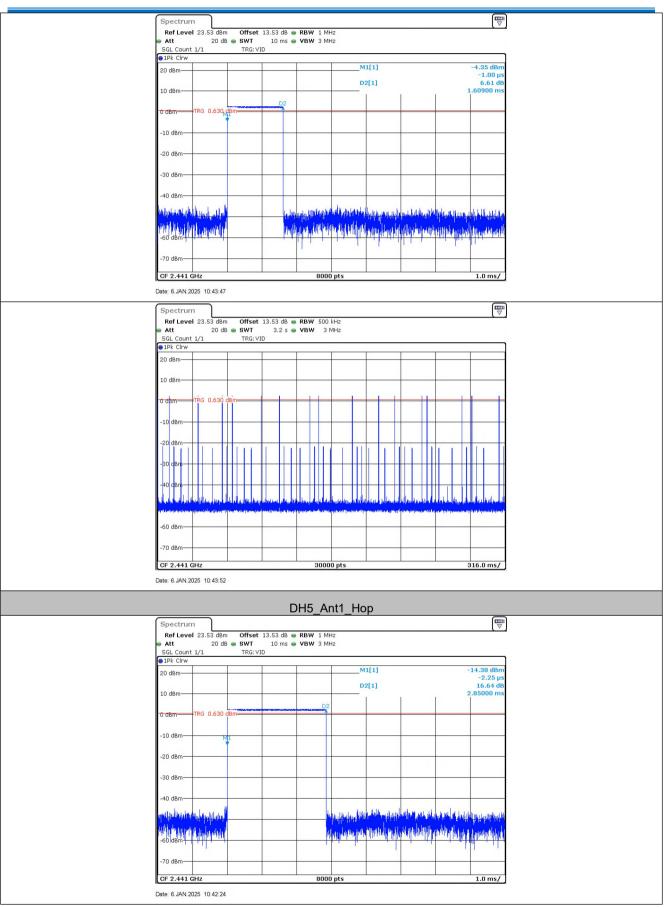
The test period: T= 0.4 Second/Channel x 79 Channel = 31.6 s



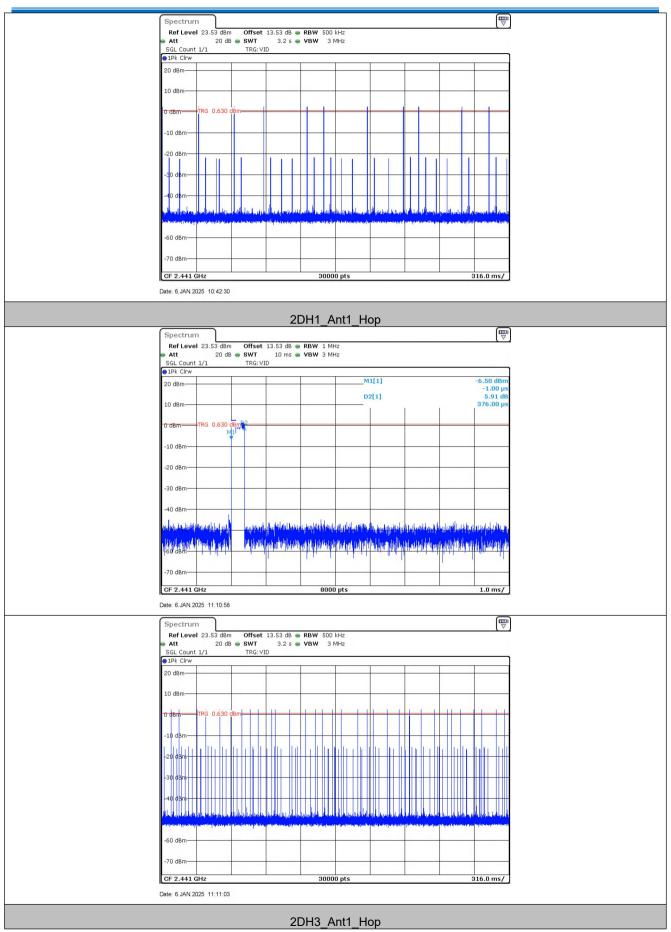
#### Test plot as follows:



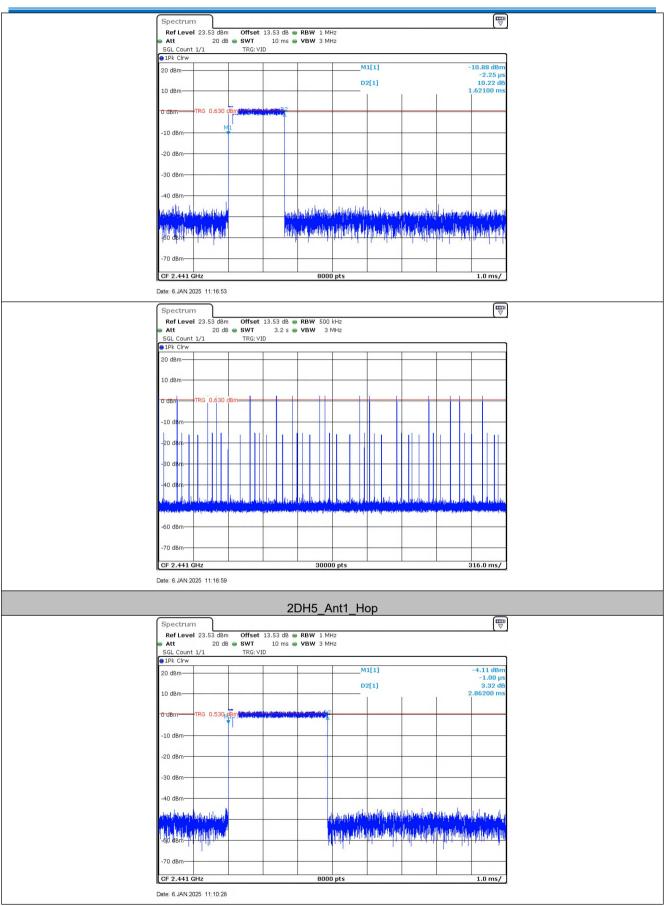






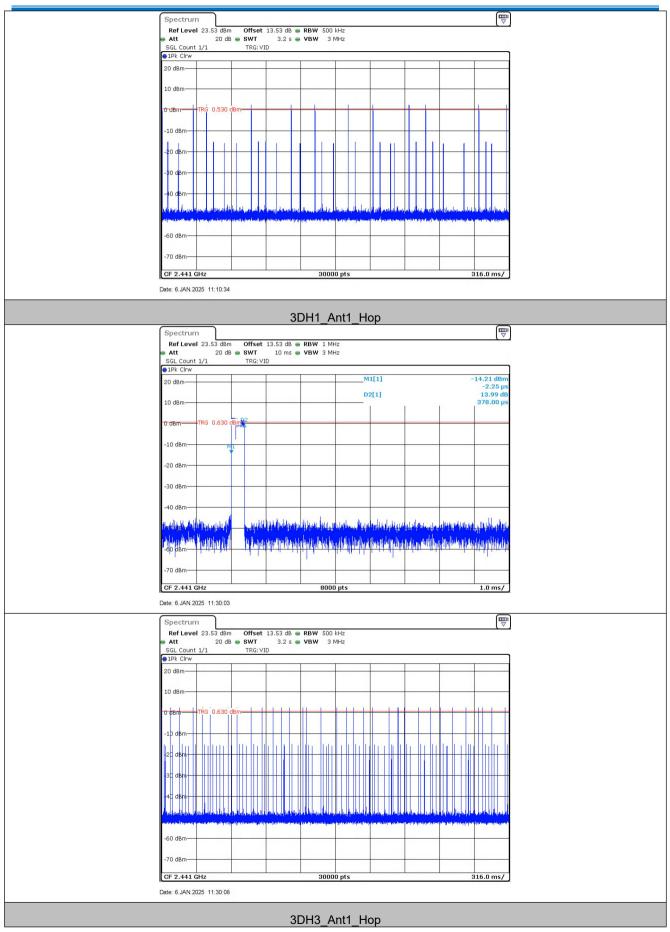




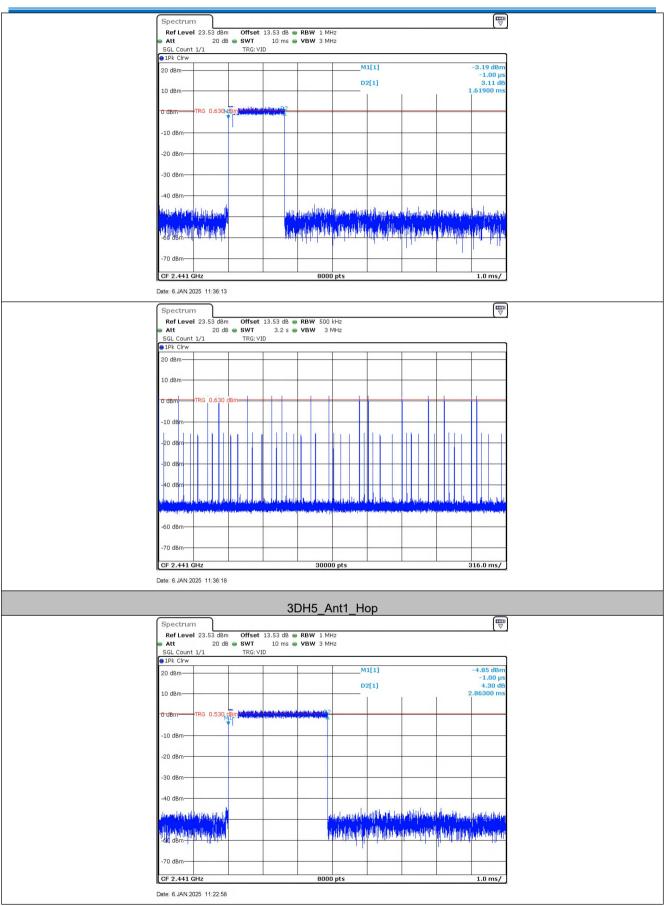




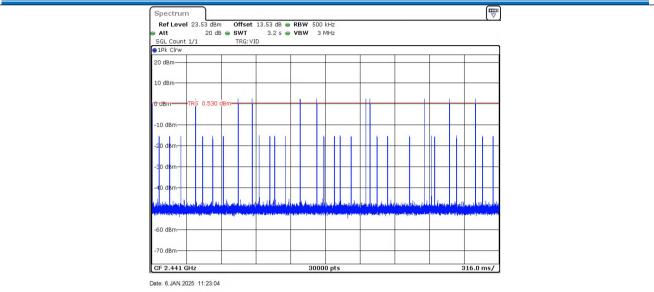














### 5.8 Band-edge for RF Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10:2013
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table Ground Reference Plane Remark: Offset=cable loss+ attenuation factor.
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.
Exploratory Test Mode:	Hopping and Non-hopping transmitting with all kind of modulation and all kind of data type
Final Test Mode:	Only the worst case is recorded in the report.
Test Results:	Pass

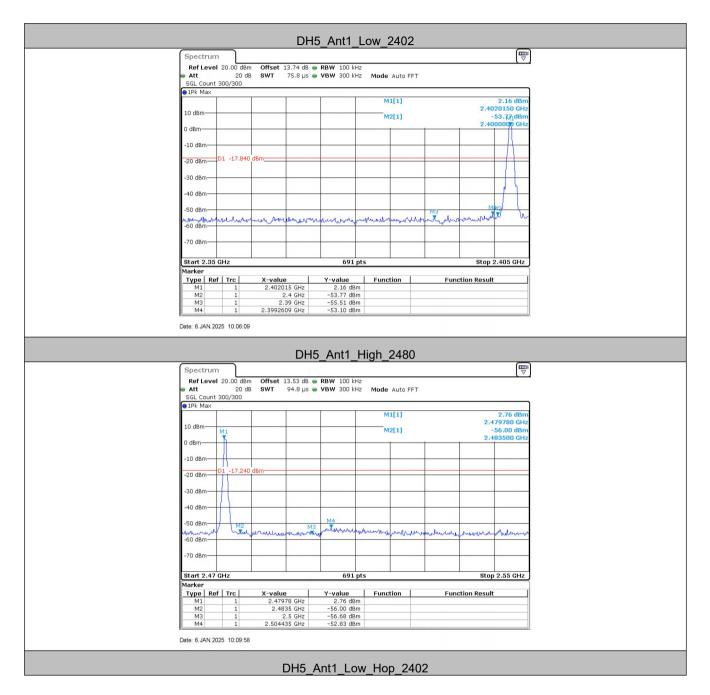


### Measurement Data

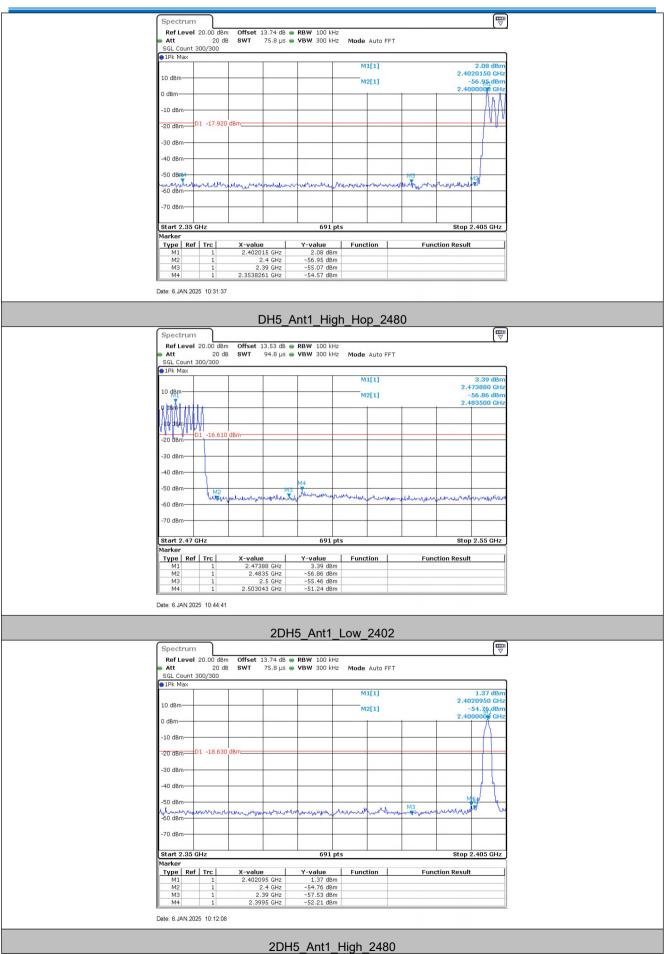
TestMode	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
	Low	2402	2.16	-53.1	≤-17.84	PASS
	High	2480	2.76	-52.83	≤-17.24	PASS
DH5	Low	Hop_2402	2.08	-54.57	≤-17.92	PASS
	High	Hop_2480	3.39	-51.24	≤-16.61	PASS
	Low	2402	1.37	-52.21	≤-18.63	PASS
	High	2480	2.57	-52.72	≤-17.43	PASS
2DH5	Low	Hop_2402	-3.02	-53.88	≤-23.02	PASS
	High	Hop_2480	1.47	-51.83	≤-18.53	PASS
	Low	2402	1.37	-52.93	≤-18.63	PASS
	High	2480	2.76	-52.63	≤-17.24	PASS
3DH5	Low	Hop_2402	-2.75	-53.47	≤-22.75	PASS
	High	Hop_2480	-1.42	-52.45	≤-21.42	PASS



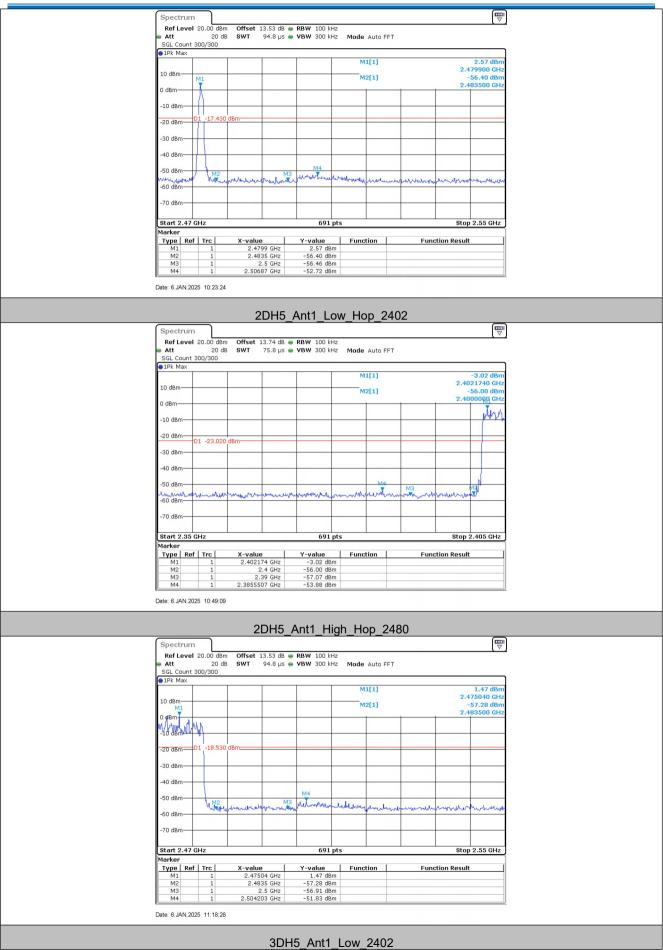
### Test plot as follows:



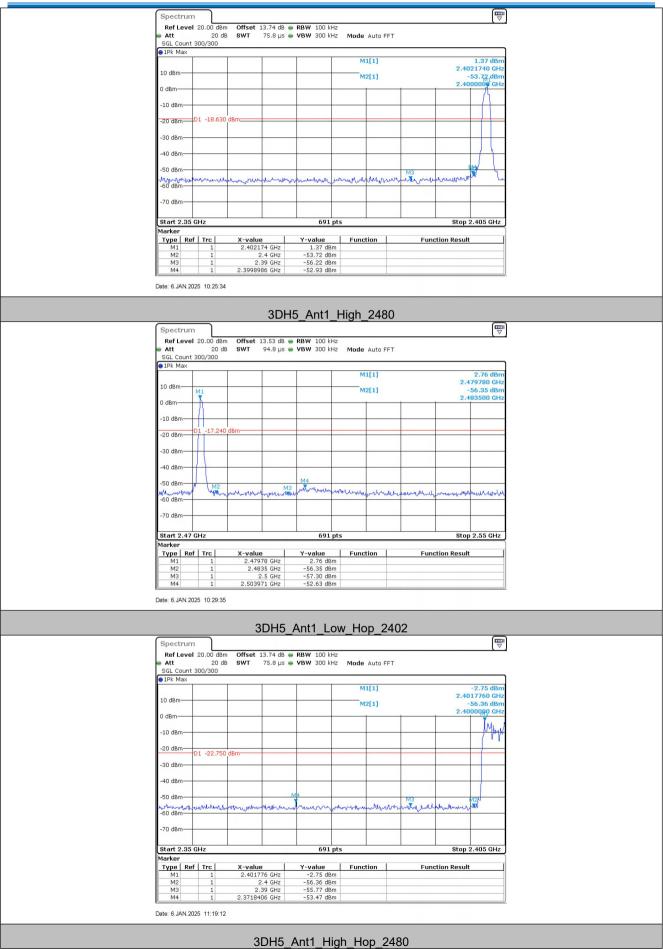














Spect			0#+	0 50 dB	DBUL 100 H	-				E
Ref L	evel 2				RBW 100 kH		Auto FET			
SGL Co	ount 30			5410 µ5 €	<b>101</b> 300 Ki	iz moue	Autorri			
●1Pk M										
10 dBm					M1[1]			-1.42 dBm 2.473880 GHz		
0 dBm-						M	2[1]			57.61 dBm 83500 GHz
	www.									
-20 dBn	D1	-21.420	dBm							
-30 dBn	n									
-40 dBn	n									
-50 dBn	n	M2	n showed be a	M3	M4	wahuret	A Landon	Ashenethered.	mound	Mohammon
-60 dBn	n									
-70 dBn	n									
Start 2		z			691	pts			Stop	2.55 GHz
Marker										
Type M1		Trc 1	X-value 2.473	38 GHz	-1.42 dB	n Funct	ion	Func	tion Result	
M2		1		35 GHz	-57.61 dB					
M3 1 M4 1			2.5 GHz 2.504667 GHz		-56.40 dBi -52.45 dBi					
		*1			02110 001		1			