



FCC TEST REPORT

FCC ID:2AXK8-S8

Report Number.....	: ZHT-241025107W01-1
Date of Test.....	: Oct. 25, 2024 to Nov. 18, 2024
Date of issue.....	: Nov. 18, 2024
Test Result	: PASS
Testing Laboratory.....	: Guangdong Zhonghan Testing Technology Co., Ltd.
Address	: Room 104, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Applicant's name	: Dongguan Baolifeng Electronic Technology Co., Ltd
Address	: 4/F, Mingxin science Park, 138 Qigiao Road, Qishi Town, Dongguan City
Manufacturer's name	: Dongguan Baolifeng Electronic Technology Co., Ltd
Address	: 4/F, Mingxin science Park, 138 Qigiao Road, Qishi Town, Dongguan City
Test specification:	
Standard.....	: FCC CFR Title 47 Part 15 Subpart C Section 15.247
Test procedure.....	: ANSI C63.10:2013
Non-standard test method	: N/A
<p>This device described above has been tested by ZHT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.</p> <p>This report shall not be reproduced except in full, without the written approval of ZHT, this document may be altered or revised by ZHT, personal only, and shall be noted in the revision of the document.</p>	
Product name.....	: Wireless Headset
Trademark	: /
Model/Type reference.....	: S8
Model difference.....	: The product has different colored shells, and this test used EUT with black shells. the test data of EUT with black shell can represent the remaining colors.
Ratings.....	: Input: 5 V==1A or DC 3.7 V power by battery



Testing procedure and testing location:

Testing Laboratory.....: Guangdong Zhonghan Testing Technology Co., Ltd.

Address.....: Room 104, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Tested by (name + signature).....: Kimi Lu

Kimi Lu

Reviewer (name + signature).....: Baret Wu

Baret Wu

Approved (name + signature).....: Levi Lee





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1. VERSION

Report No.	Version	Description	Approved
ZHT-241025107W01-1	Rev.01	Initial issue of report	Nov. 18, 2024



2. TEST SUMMARY

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C			
Standard Section	Test Item	Result	Remark
FCC part 15.203/15.247 (b)(4)	Antenna Requirement	PASS	
15.207	AC Power Line Conducted Emission	PASS	
15.247 (b)(1)	Conducted Peak Output Power	PASS	
15.247 (a)(1)	20dB Occupied Bandwidth 99% OCB	PASS	
15.247 (a)(1)	Carrier Frequencies Separation	PASS	
15.247 (a)(1)(iii)	Hopping Channel Number	PASS	
15.247 (a)(1)(iii)	Dwell Time	PASS	
15.205/15.209	Radiated Emission and Restricted Band	PASS	
15.247(d)	Conducted Unwanted emissions and Band Edge	PASS	

NOTE:

- (1) " N/A" denotes test is not applicable in this Test Report
- (2) The RF chips of the left and right earphones are the same, with differences in circuit layout. The RF output power of the left and right earphones is not significantly different, while the RF output power of the left earphone is slightly larger than that of the right earphone. So chose the left earphone for all the tests, while the left earphone was tested for radiation emissions and radiation spurious tests.

2.1 TEST FACILITY

Guangdong Zhonghan Testing Technology Co., Ltd.
Add. : Room 104, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District
Shenzhen, Guangdong, China

FCC Registration Number:255941
Designation Number: CN0325
IC Registered No.: 29832
CAB identifier: CN0143

2.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	Conducted Emission Test	$\pm 1.38\text{dB}$
2	RF conducted power	$\pm 0.16\text{dB}$
3	Conducted spurious emissions	$\pm 0.21\text{dB}$
4	All radiated emissions (9k-30MHz)	$\pm 4.68\text{dB}$
5	All radiated emissions (<1G)	$\pm 4.68\text{dB}$
6	All radiated emissions (>1G)	$\pm 4.89\text{dB}$
7	Temperature	$\pm 0.5^\circ\text{C}$
8	Humidity	$\pm 2\%$
9	Occupied Bandwidth	$\pm 4.96\text{dB}$



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Product Name:	Wireless Headset
Test Model No.:	S8
Hardware Version:	V1.0
Software Version:	V1.0
Sample(s) Status:	Engineer sample
Channel numbers:	79
Channel separation:	2402MHz-2480MHz
Modulation technology:	GFSK, $\pi/4$ DQPSK, 8DPSK
Antenna Type:	Chip Antenna
Antenna gain:	3.35dBi
Power supply:	Input: 5 V _{DC} 1A or DC 3.7 V power by battery
Sample Number:	241025107YP001
Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Guangdong Zhonghan Testing Technology Co., Ltd. does not assume any responsibility.	



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	21	2422MHz	41	2442MHz	61	2462MHz
2	2403MHz	22	2423MHz	42	2443MHz	62	2463MHz
3	2404MHz	23	2424MHz	43	2444MHz	63	2464MHz
4	2405MHz	24	2425MHz	44	2445MHz	64	2465MHz
5	2406MHz	25	2426MHz	45	2446MHz	65	2466MHz
6	2407MHz	26	2427MHz	46	2447MHz	66	2467MHz
7	2408MHz	27	2428MHz	47	2448MHz	67	2468MHz
8	2409MHz	28	2429MHz	48	2449MHz	68	2469MHz
9	2410MHz	29	2430MHz	49	2450MHz	69	2470MHz
10	2411MHz	30	2431MHz	50	2451MHz	70	2471MHz
11	2412MHz	31	2432MHz	51	2452MHz	71	2472MHz
12	2413MHz	32	2433MHz	52	2453MHz	72	2473MHz
13	2414MHz	33	2434MHz	53	2454MHz	73	2474MHz
14	2415MHz	34	2435MHz	54	2455MHz	74	2475MHz
15	2416MHz	35	2436MHz	55	2456MHz	75	2476MHz
16	2417MHz	36	2437MHz	56	2457MHz	76	2477MHz
17	2418MHz	37	2438MHz	57	2458MHz	77	2478MHz
18	2419MHz	38	2439MHz	58	2459MHz	78	2479MHz
19	2420MHz	39	2440MHz	59	2460MHz	79	2480MHz
20	2421MHz	40	2441MHz	60	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:

Test channel	Frequency
The lowest channel	2402MHz
The middle channel	2441MHz
The Highest channel	2480MHz

3.2 Test Setup Configuration

Radiated Emission



Conduction Emission





3.3 Support Equipment

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-1	Adapter	N/A	HW-059200CHQ	N/A	AE

Item	Shielded Type	Ferrite Core	Length	Note

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) The test software is the Bluetooth RF Test Tool which can set the EUT into the individual test modes.TX Power:7

3.4 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.	



3.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Item	Equipment	Manufacturer	Model	Serial No.	Last Cal.	Next Cal.
1	Receiver	R&S	ESCI	100874	May 10, 2024	May 09, 2025
2	Loop antenna	EMCI	LAP600	272	May 10, 2024	May 09, 2025
3	Amplifier	Schwarzbeck	BBV 9743 B	00378	May 10, 2024	May 09, 2025
4	Amplifier	Schwarzbeck	BBV 9718 B	00040	May 10, 2024	May 09, 2025
5	Bilog Antenna	Schwarzbeck	VULB9162	00498	May 28, 2024	May 27, 2025
6	Horn Antenna	Schwarzbeck	BBHA9120D	02623	May 16, 2024	May 15, 2025
7	Horn Antenna	A.H.SYSTEMS	SAS574	588	May 10, 2024	May 09, 2025
8	Amplifier	AEROFLEX	100KHz-40GHz	097	May 10, 2024	May 09, 2025
9	Spectrum Analyzer	R&S	FSV40	101413	May 16, 2024	May 15, 2025
10	966 Anechoic Chamber	EMToni	9m6m6m	/	Nov. 25, 2021	Nov. 24, 2024
11	Spectrum Analyzer	KEYSIGHT	N9020A	MY53420208	May 10, 2024	May 09, 2025
12	WIDBAND RADIO COMMUNICATION TESTER	R&S	CMW500	109863	May 10, 2024	May 09, 2025
13	Single Generator	Agilent	N5182A	MY48180575	May 10, 2024	May 09, 2025
14	Power Sensor	MWRFtest	MW100-RFCB	/	May 10, 2024	May 09, 2025
15	Power Amplifier Shielding Room	EMToni	2m3m3m	/	Nov. 25, 2021	Nov. 24, 2024
16	CABLE	EMToni	DA800-NM-NM-11000MM	/	May 10, 2024	May 09, 2025



Conduction Test equipment

Equipment	Manufacturer	Model	Serial No.	Last Cal.	Next Cal.
Receiver	R&S	ESCI	100874	May 10, 2024	May 09, 2025
LISN	R&S	ENV216	102794	May 10, 2024	May 09, 2025
ISN CAT 6	Schwarzbeck	NTFM 8158	00318	May 10, 2024	May 09, 2025
ISN CAT 5	Schwarzbeck	CAT5 8158	00343	May 10, 2024	May 09, 2025
Capacitive Voltage Probe	Schwarzbeck	CVP 9222 C	00101	May 10, 2024	May 09, 2025
Current Transformer Clamp	Schwarzbeck	SW 9605	SW9605 #209	May 10, 2024	May 09, 2025
CE Shielding Room	EMToni	9m4m3m	/	Nov. 25, 2021	Nov. 24, 2024
CABLE	EMToni	G223-NM-BNC M-2000MM	/	May 10, 2024	May 09, 2025

Conducted Test equipment

Item	Equipment	Manufacturer	Model	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer	R&S	FSV40	101413	May 10, 2024	May 09, 2025
2	Spectrum Analyzer	KEYSIGHT	N9020A	MY53420208	May 10, 2024	May 09, 2025
3	Power Sensor	MWRFtest	MW100-RFCB	/	May 10, 2024	May 09, 2025

Testing software

Project	Software name	Edition
RF Conducted	MTS 8310	2.0.0.0
Conducted Emission	EZ-EMC	EMC-CON 3A1.1+
Radiated Emission	EZ-EMC	FA-03A2 RE+

4. EMC EMISSION TEST

4.1 Conducted emissions

Test Requirement:	FCC Part15 C Section 15.207, RSS-Gen 8.8
Test Method:	ANSI C63.10:2013
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

4.1.1 POWER LINE CONDUCTED EMISSION Limits

FREQUENCY (MHz)	Limit (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

(1) *Decreases with the logarithm of the frequency.

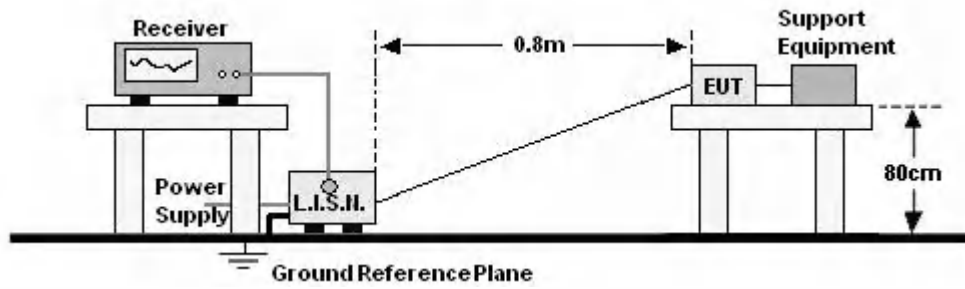
4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



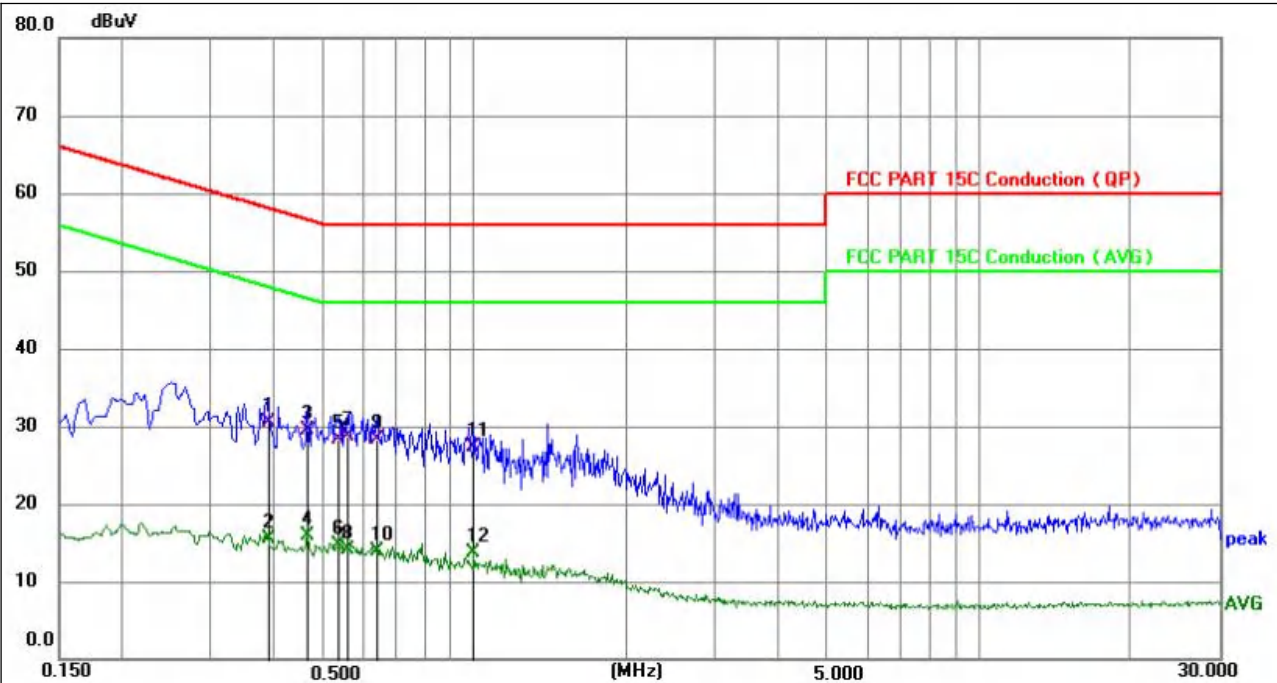
4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

4.1.6 Test Result



Temperature:	24.2°C	Relative Humidity :	53.3%
Pressure:	1010kPa	Phase :	L
Test Voltage:	AC 120V/60Hz		



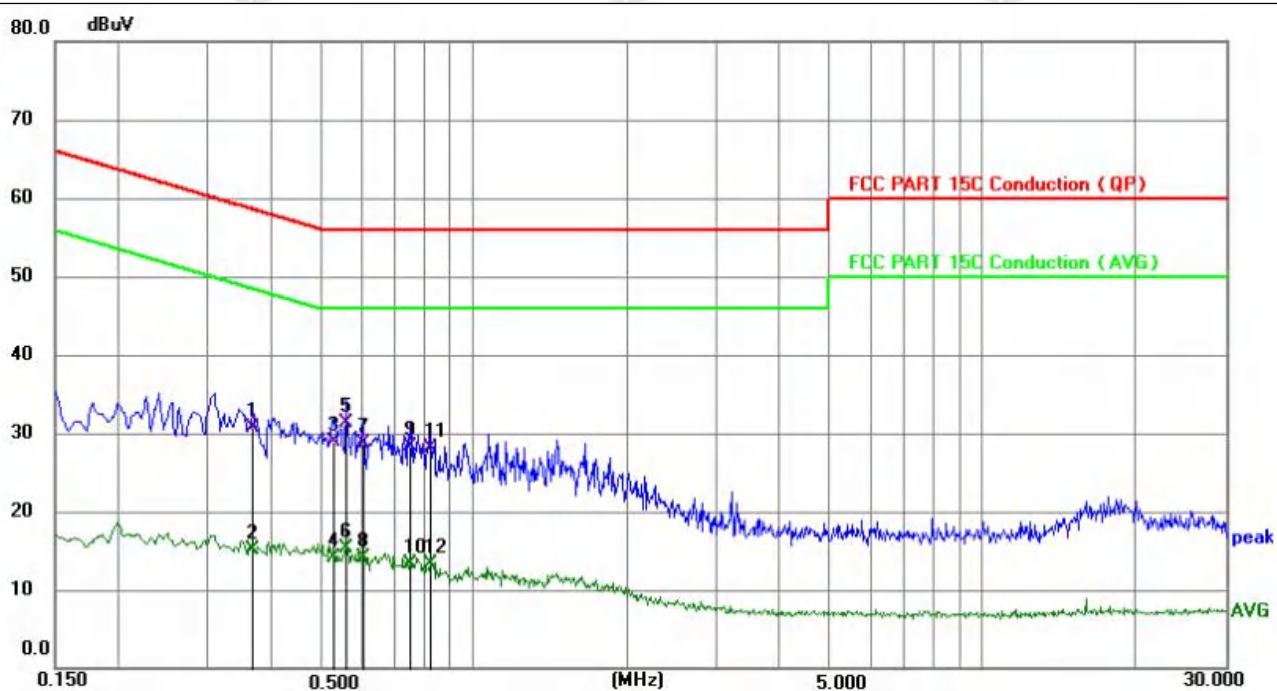
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.3885	20.48	9.98	30.46	58.10	-27.64	QP	P
2	0.3885	5.46	9.98	15.44	48.10	-32.66	AVG	P
3 *	0.4650	19.40	10.01	29.41	56.60	-27.19	QP	P
4	0.4650	5.95	10.01	15.96	46.60	-30.64	AVG	P
5	0.5370	18.29	10.02	28.31	56.00	-27.69	QP	P
6	0.5370	4.68	10.02	14.70	46.00	-31.30	AVG	P
7	0.5639	18.66	10.03	28.69	56.00	-27.31	QP	P
8	0.5639	4.07	10.03	14.10	46.00	-31.90	AVG	P
9	0.6404	18.21	10.03	28.24	56.00	-27.76	QP	P
10	0.6404	3.94	10.03	13.97	46.00	-32.03	AVG	P
11	0.9960	17.26	10.06	27.32	56.00	-28.68	QP	P
12	0.9960	3.71	10.06	13.77	46.00	-32.23	AVG	P

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. Measurement Level = Reading level + Correct Factor
4. The test data shows only the worst case 8DPSK mode(Middle Channel:2441MHz).



Temperature:	24.2°C	Relative Humidity :	53.3%
Pressure:	1010kPa	Phase :	N
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.3660	20.78	9.97	30.75	58.59	-27.84	QP	P
2	0.3660	5.19	9.97	15.16	48.59	-33.43	AVG	P
3	0.5280	18.91	10.02	28.93	56.00	-27.07	QP	P
4	0.5280	4.18	10.02	14.20	46.00	-31.80	AVG	P
5 *	0.5595	21.35	10.02	31.37	56.00	-24.63	QP	P
6	0.5595	5.35	10.02	15.37	46.00	-30.63	AVG	P
7	0.6045	18.70	10.03	28.73	56.00	-27.27	QP	P
8	0.6045	4.14	10.03	14.17	46.00	-31.83	AVG	P
9	0.7485	18.32	10.04	28.36	56.00	-27.64	QP	P
10	0.7485	3.22	10.04	13.26	46.00	-32.74	AVG	P
11	0.8205	17.97	10.05	28.02	56.00	-27.98	QP	P
12	0.8205	3.23	10.05	13.28	46.00	-32.72	AVG	P

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. Measurement Level = Reading level + Correct Factor
 4. The test data shows only the worst case 8DPSK mode(Middle Channel:2441MHz).

4.2 Radiated emissions

Test Requirement:	FCC Part15 C Section 15.209, RSS-Gen 8.9, RSS-Gen 8.10				
Test Method:	ANSI C63.10:2013				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Average	1MHz	10Hz	Average

4.2.1 Radiated Emission Limits

Frequencies (MHz)	Field Strength (micovolts/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

LIMITS OF RADIATED EMISSION MEASUREMENT

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

4.2.2 TEST PROCEDURE

Below 1GHz test procedure as below:

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.

- d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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.

Above 1GHz test procedure as below:

- g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).
- h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel

Note:

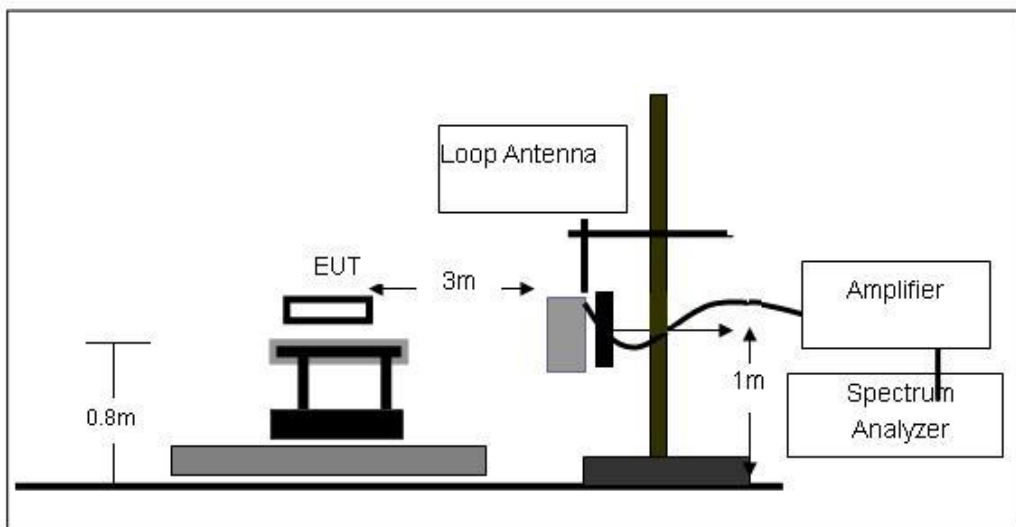
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

4.2.3 DEVIATION FROM TEST STANDARD

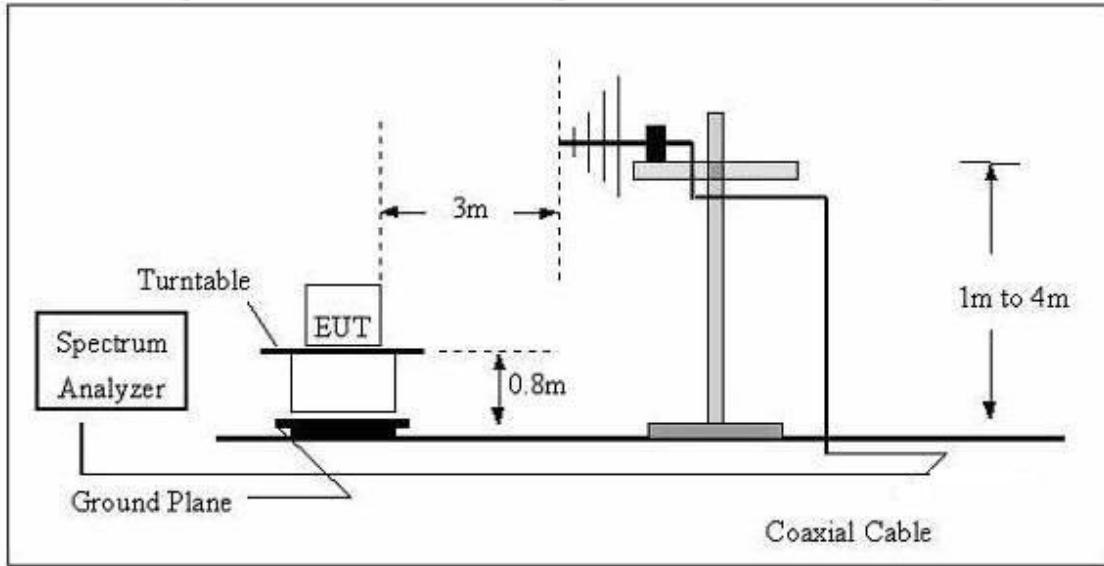
No deviation

4.2.4 TEST SETUP

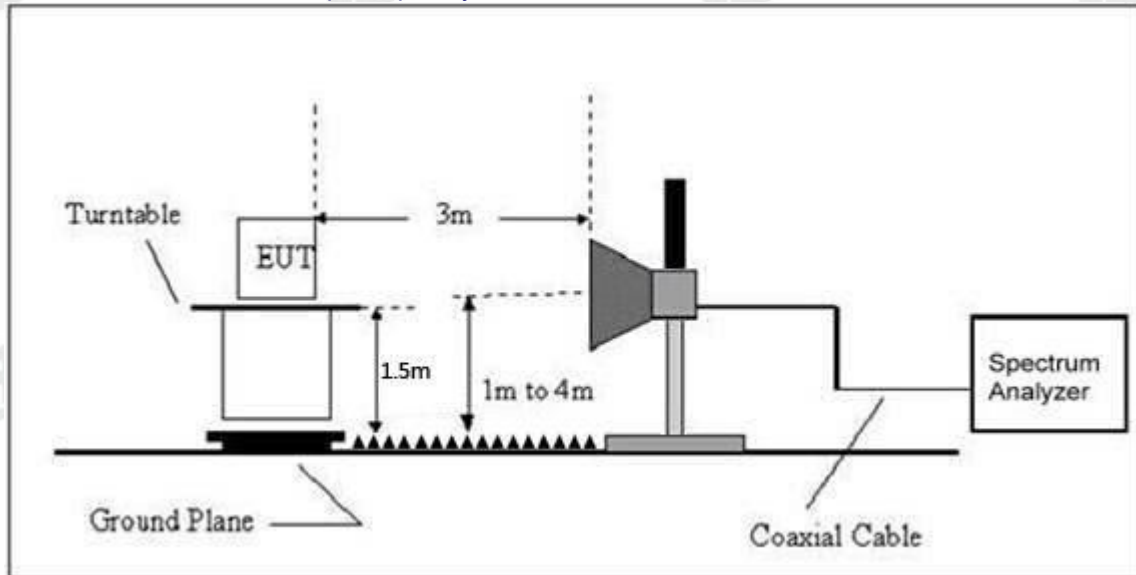
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.



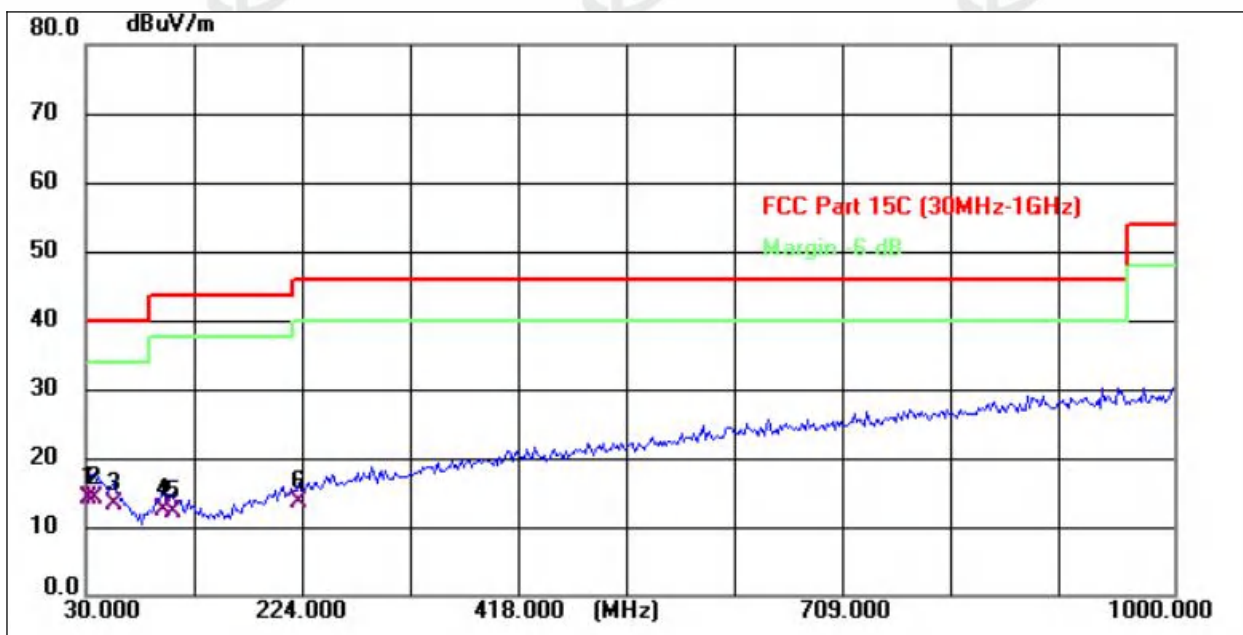
4.2.6 TEST RESULTS

Between 9KHz – 30MHz

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o), the test result no need to reported.

Between 30MHz – 1GHz(Earphone Left)

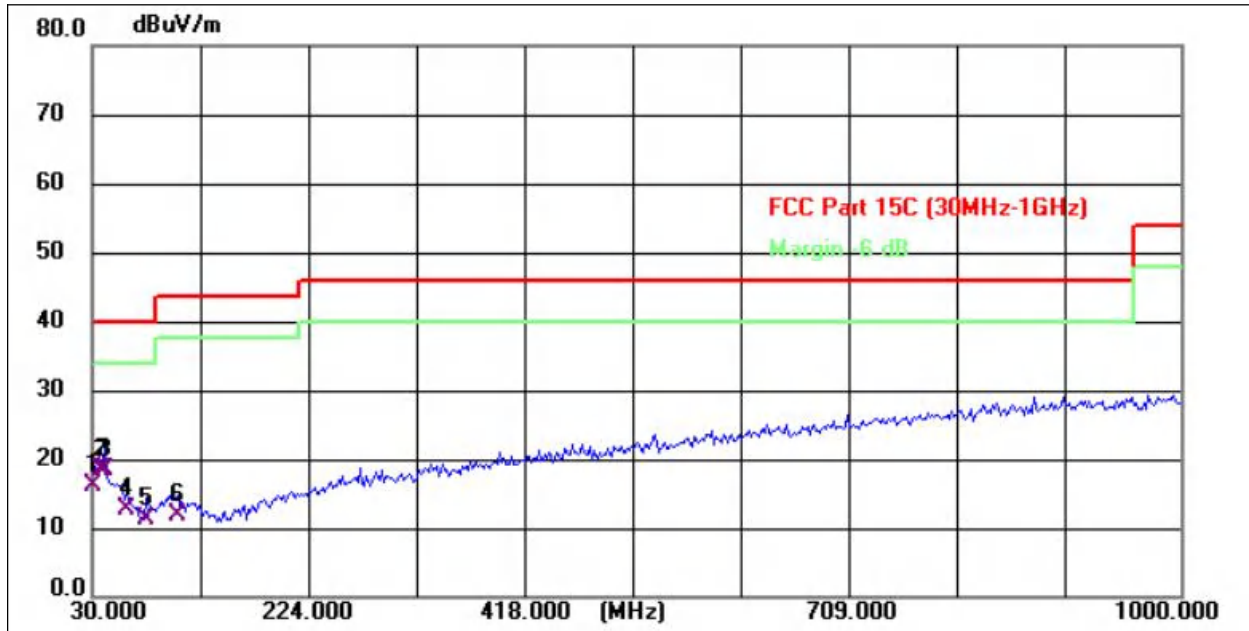
Temperature:	25.2°C	Relative Humidity:	50%
Pressure:	1010kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7 V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.940	22.52	-8.30	14.22	40.00	-25.78	QP
2 *	37.760	22.69	-8.47	14.22	40.00	-25.78	QP
3	55.220	23.47	-10.05	13.42	40.00	-26.58	QP
4	99.840	23.80	-11.27	12.53	43.50	-30.97	QP
5	107.600	24.02	-11.88	12.14	43.50	-31.36	QP
6	220.120	23.91	-10.39	13.52	46.00	-32.48	QP



Temperature:	25.2°C	Relative Humidity:	50%
Pressure:	1010kPa	Polarization:	Vertical
Test Voltage:	DC 3.7 V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.000	24.38	-8.24	16.14	40.00	-23.86	QP
2 *	37.760	26.94	-8.47	18.47	40.00	-21.53	QP
3	41.640	27.12	-8.67	18.45	40.00	-21.55	QP
4	61.040	23.58	-10.96	12.62	40.00	-27.38	QP
5	78.500	25.63	-14.22	11.41	40.00	-28.59	QP
6	105.660	23.44	-11.72	11.72	43.50	-31.78	QP

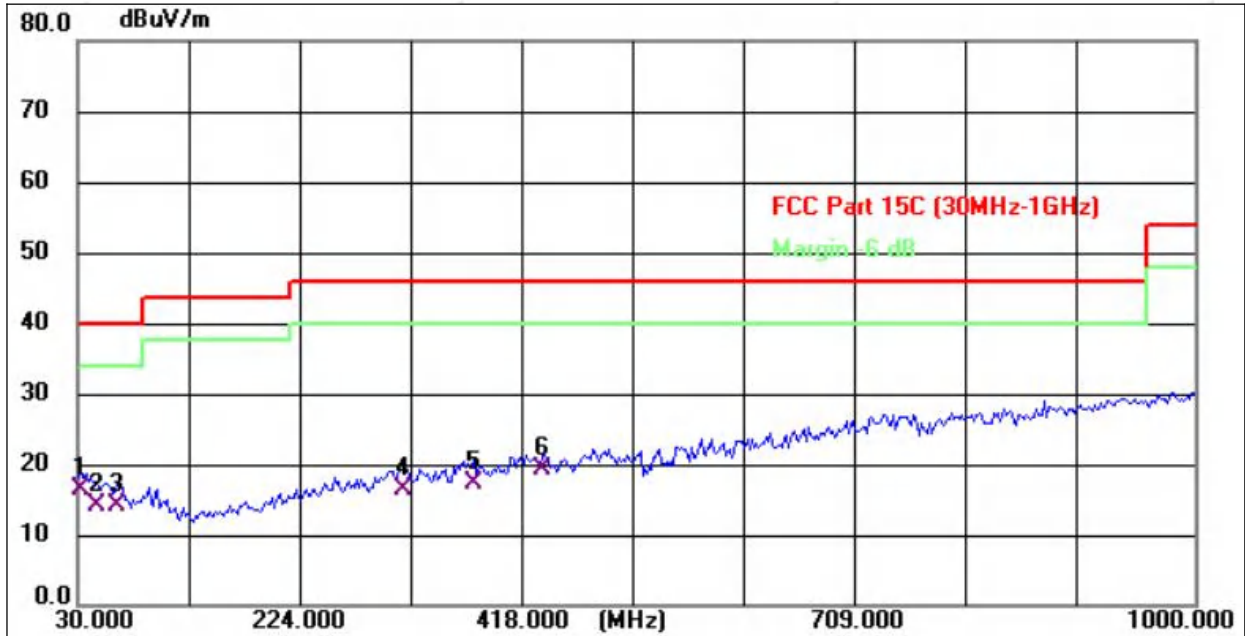
Remarks:

- 1.Final Level =Receiver Read level + Antenna Factor + Cable Loss
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3.The test data shows only the worst case 8DPSK mode(Middle Channel:2441MHz).



Between 30MHz – 1GHz(Earphone Right)

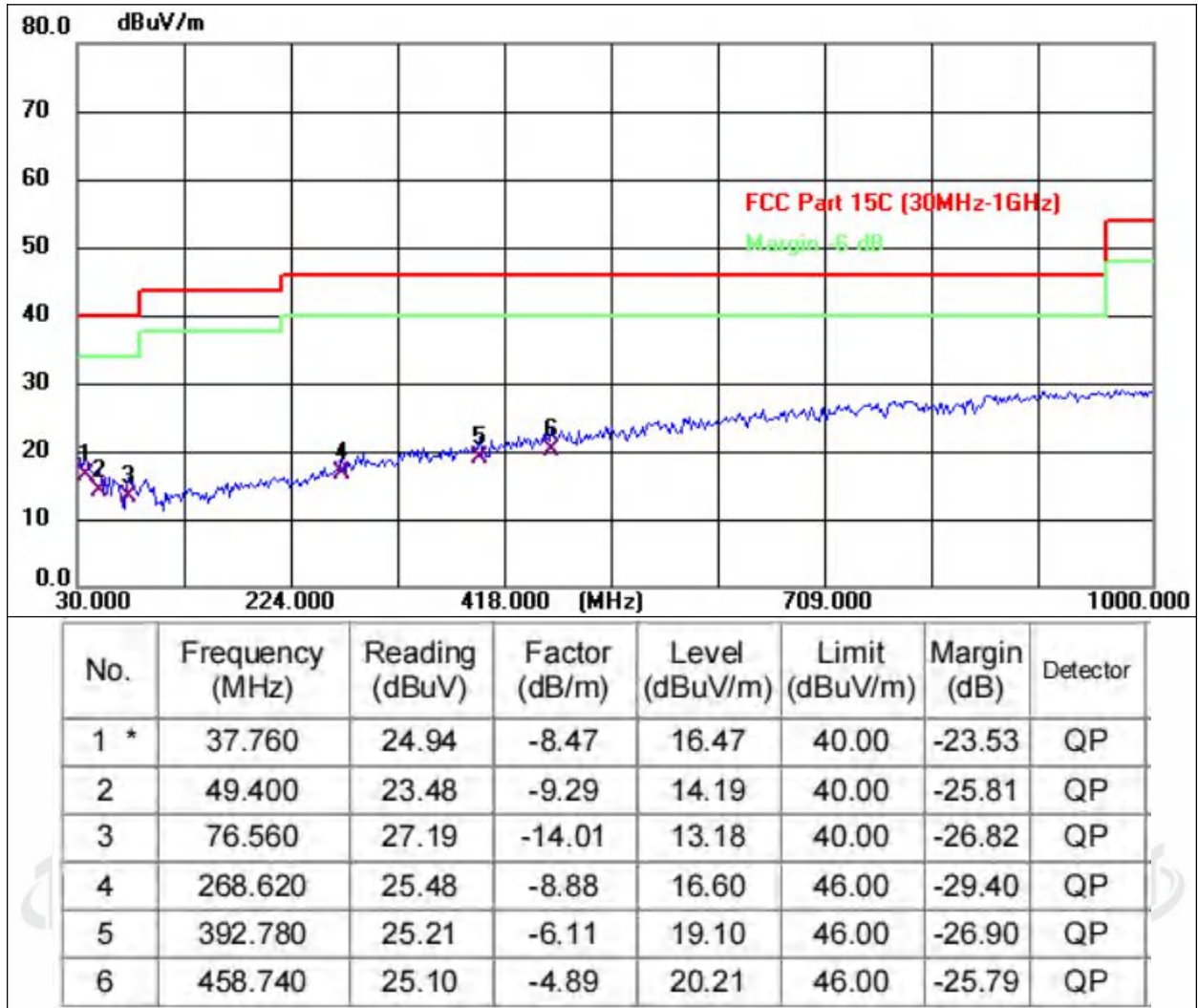
Temperature:	25.2℃	Relative Humidity:	50%
Pressure:	1010kPa	Polarization:	Horizontal
Test Voltage:	DC 3.7 V		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	31.940	24.76	-8.30	16.46	40.00	-23.54	QP
2	47.460	23.36	-9.15	14.21	40.00	-25.79	QP
3	64.920	26.26	-11.99	14.27	40.00	-25.73	QP
4	313.240	24.30	-7.94	16.36	46.00	-29.64	QP
5	373.380	23.95	-6.56	17.39	46.00	-28.61	QP
6	433.520	24.65	-5.34	19.31	46.00	-26.69	QP



Temperature:	25.2°C	Relative Humidity:	50%
Pressure:	1010kPa	Polarization:	Vertical
Test Voltage:	DC 3.7 V		



Remarks:

- 1.Final Level =Receiver Read level + Antenna Factor + Cable Loss
- 2.The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3.The test data shows only the worst case 8DPSK mode(Middle Channel:2441MHz).



1GHz~25GHz(Earphone Left)

GFSK

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	58.58	30.55	5.77	24.66	58.46	74	-15.54	Pk
V	4804.00	44.24	30.55	5.77	24.66	44.12	54	-9.88	AV
V	7206.00	56.06	30.33	6.32	24.55	56.6	74	-17.4	Pk
V	7206.00	43.69	30.33	6.32	24.55	44.23	54	-9.77	AV
V	9608.00	59.97	30.55	5.77	24.66	59.85	74	-14.15	Pk
V	9608.00	42.66	30.55	5.77	24.66	42.54	54	-11.46	AV
V	12010.00	58.37	30.33	6.32	24.55	58.91	74	-15.09	Pk
V	12010.00	44.75	30.33	6.32	24.55	45.29	54	-8.71	AV
H	4804.00	58.74	30.55	5.77	24.66	58.62	74	-15.38	Pk
H	4804.00	41.98	30.55	5.77	24.66	41.86	54	-12.14	AV
H	7206.00	57.87	30.33	6.32	24.55	58.41	74	-15.59	Pk
H	7206.00	43.32	30.33	6.32	24.55	43.86	54	-10.14	AV
H	9608.00	57.11	30.55	5.77	24.66	56.99	74	-17.01	Pk
H	9608.00	41.01	30.55	5.77	24.66	40.89	54	-13.11	AV
H	12010.00	58.21	30.33	6.32	24.55	58.75	74	-15.25	Pk
H	12010.00	41.63	30.33	6.32	24.55	42.17	54	-11.83	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	55.71	30.55	5.77	24.66	55.59	74	-18.41	Pk
V	4882.00	41.45	30.55	5.77	24.66	41.33	54	-12.67	AV
V	7323.00	57.33	30.33	6.32	24.55	57.87	74	-16.13	Pk
V	7323.00	44.8	30.33	6.32	24.55	45.34	54	-8.66	AV
V	9764.00	58.73	30.55	5.77	24.66	58.61	74	-15.39	Pk
V	9764.00	41.77	30.55	5.77	24.66	41.65	54	-12.35	AV
V	12205.00	56.41	30.33	6.32	24.55	56.95	74	-17.05	Pk
V	12205.00	42.54	30.33	6.32	24.55	43.08	54	-10.92	AV
H	4882.00	55.65	30.55	5.77	24.66	55.53	74	-18.47	Pk
H	4882.00	42.95	30.55	5.77	24.66	42.83	54	-11.17	AV
H	7323.00	56.53	30.33	6.32	24.55	57.07	74	-16.93	Pk
H	7323.00	44.77	30.33	6.32	24.55	45.31	54	-8.69	AV
H	9764.00	55.76	30.55	5.77	24.66	55.64	74	-18.36	Pk
H	9764.00	44.47	30.55	5.77	24.66	44.35	54	-9.65	AV
H	12205.00	55.1	30.33	6.32	24.55	55.64	74	-18.36	Pk
H	12205.00	44.46	30.33	6.32	24.55	45	54	-9	AV



Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	56.11	30.55	5.77	24.66	55.99	74	-18.01	Pk
V	4960.00	41.29	30.55	5.77	24.66	41.17	54	-12.83	AV
V	7440.00	57.82	30.33	6.32	24.55	58.36	74	-15.64	Pk
V	7440.00	42.69	30.33	6.32	24.55	43.23	54	-10.77	AV
V	9920.00	57.4	30.55	5.77	24.66	57.28	74	-16.72	Pk
V	9920.00	41.3	30.55	5.77	24.66	41.18	54	-12.82	AV
V	12400.00	59.24	30.33	6.32	24.55	59.78	74	-14.22	Pk
V	12400.00	41.15	30.33	6.32	24.55	41.69	54	-12.31	AV
H	4960.00	58.91	30.55	5.77	24.66	58.79	74	-15.21	Pk
H	4960.00	41.99	30.55	5.77	24.66	41.87	54	-12.13	AV
H	7440.00	57.59	30.33	6.32	24.55	58.13	74	-15.87	Pk
H	7440.00	42.89	30.33	6.32	24.55	43.43	54	-10.57	AV
H	9920.00	55.56	30.55	5.77	24.66	55.44	74	-18.56	Pk
H	9920.00	41.26	30.55	5.77	24.66	41.14	54	-12.86	AV
H	12400.00	57.59	30.33	6.32	24.55	58.13	74	-15.87	Pk
H	12400.00	44.9	30.33	6.32	24.55	45.44	54	-8.56	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



$\pi/4$ DQPSK

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	57.05	30.55	5.77	24.66	56.93	74	-17.07	Pk
V	4804.00	42.57	30.55	5.77	24.66	42.45	54	-11.55	AV
V	7206.00	57.48	30.33	6.32	24.55	58.02	74	-15.98	Pk
V	7206.00	42.97	30.33	6.32	24.55	43.51	54	-10.49	AV
V	9608.00	58.05	30.55	5.77	24.66	57.93	74	-16.07	Pk
V	9608.00	41.87	30.55	5.77	24.66	41.75	54	-12.25	AV
V	12010.00	55.31	30.33	6.32	24.55	55.85	74	-18.15	Pk
V	12010.00	44.05	30.33	6.32	24.55	44.59	54	-9.41	AV
H	4804.00	59.45	30.55	5.77	24.66	59.33	74	-14.67	Pk
H	4804.00	41.11	30.55	5.77	24.66	40.99	54	-13.01	AV
H	7206.00	56.29	30.33	6.32	24.55	56.83	74	-17.17	Pk
H	7206.00	41.84	30.33	6.32	24.55	42.38	54	-11.62	AV
H	9608.00	59.34	30.55	5.77	24.66	59.22	74	-14.78	Pk
H	9608.00	41.6	30.55	5.77	24.66	41.48	54	-12.52	AV
H	12010.00	57.63	30.33	6.32	24.55	58.17	74	-15.83	Pk
H	12010.00	41.94	30.33	6.32	24.55	42.48	54	-11.52	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	58.7	30.55	5.77	24.66	58.58	74	-15.42	Pk
V	4882.00	41.03	30.55	5.77	24.66	40.91	54	-13.09	AV
V	7323.00	55.85	30.33	6.32	24.55	56.39	74	-17.61	Pk
V	7323.00	43.66	30.33	6.32	24.55	44.2	54	-9.8	AV
V	9764.00	55.85	30.55	5.77	24.66	55.73	74	-18.27	Pk
V	9764.00	42.41	30.55	5.77	24.66	42.29	54	-11.71	AV
V	12205.00	57.08	30.33	6.32	24.55	57.62	74	-16.38	Pk
V	12205.00	44.57	30.33	6.32	24.55	45.11	54	-8.89	AV
H	4882.00	59.1	30.55	5.77	24.66	58.98	74	-15.02	Pk
H	4882.00	42.43	30.55	5.77	24.66	42.31	54	-11.69	AV
H	7323.00	56.12	30.33	6.32	24.55	56.66	74	-17.34	Pk
H	7323.00	41.77	30.33	6.32	24.55	42.31	54	-11.69	AV
H	9764.00	56.71	30.55	5.77	24.66	56.59	74	-17.41	Pk
H	9764.00	43.88	30.55	5.77	24.66	43.76	54	-10.24	AV
H	12205.00	56.42	30.33	6.32	24.55	56.96	74	-17.04	Pk
H	12205.00	43.65	30.33	6.32	24.55	44.19	54	-9.81	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	55.43	30.55	5.77	24.66	55.31	74	-18.69	Pk
V	4960.00	41.84	30.55	5.77	24.66	41.72	54	-12.28	AV
V	7440.00	58.04	30.33	6.32	24.55	58.58	74	-15.42	Pk
V	7440.00	41.77	30.33	6.32	24.55	42.31	54	-11.69	AV
V	9920.00	58.8	30.55	5.77	24.66	58.68	74	-15.32	Pk
V	9920.00	41.37	30.55	5.77	24.66	41.25	54	-12.75	AV
V	12400.00	55.02	30.33	6.32	24.55	55.56	74	-18.44	Pk
V	12400.00	41.81	30.33	6.32	24.55	42.35	54	-11.65	AV
H	4960.00	58.8	30.55	5.77	24.66	58.68	74	-15.32	Pk
H	4960.00	41.12	30.55	5.77	24.66	41	54	-13	AV
H	7440.00	56.49	30.33	6.32	24.55	57.03	74	-16.97	Pk
H	7440.00	42.33	30.33	6.32	24.55	42.87	54	-11.13	AV
H	9920.00	55.31	30.55	5.77	24.66	55.19	74	-18.81	Pk
H	9920.00	41.75	30.55	5.77	24.66	41.63	54	-12.37	AV
H	12400.00	58.76	30.33	6.32	24.55	59.3	74	-14.7	Pk
H	12400.00	44.09	30.33	6.32	24.55	44.63	54	-9.37	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



8DPSK

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	59.4	30.55	5.77	24.66	59.28	74	-14.72	Pk
V	4804.00	43.25	30.55	5.77	24.66	43.13	54	-10.87	AV
V	7206.00	59.56	30.33	6.32	24.55	60.1	74	-13.9	Pk
V	7206.00	44.33	30.33	6.32	24.55	44.87	54	-9.13	AV
V	9608.00	56.2	30.55	5.77	24.66	56.08	74	-17.92	Pk
V	9608.00	42.01	30.55	5.77	24.66	41.89	54	-12.11	AV
V	12010.00	57.36	30.33	6.32	24.55	57.9	74	-16.1	Pk
V	12010.00	43.42	30.33	6.32	24.55	43.96	54	-10.04	AV
H	4804.00	55.22	30.55	5.77	24.66	55.1	74	-18.9	Pk
H	4804.00	41.68	30.55	5.77	24.66	41.56	54	-12.44	AV
H	7206.00	58.18	30.33	6.32	24.55	58.72	74	-15.28	Pk
H	7206.00	44.37	30.33	6.32	24.55	44.91	54	-9.09	AV
H	9608.00	56.23	30.55	5.77	24.66	56.11	74	-17.89	Pk
H	9608.00	41.61	30.55	5.77	24.66	41.49	54	-12.51	AV
H	12010.00	57.61	30.33	6.32	24.55	58.15	74	-15.85	Pk
H	12010.00	41.42	30.33	6.32	24.55	41.96	54	-12.04	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	55.5	30.55	5.77	24.66	55.38	74	-18.62	Pk
V	4882.00	41.5	30.55	5.77	24.66	41.38	54	-12.62	AV
V	7323.00	55.14	30.33	6.32	24.55	55.68	74	-18.32	Pk
V	7323.00	44.65	30.33	6.32	24.55	45.19	54	-8.81	AV
V	9764.00	55.45	30.55	5.77	24.66	55.33	74	-18.67	Pk
V	9764.00	44.87	30.55	5.77	24.66	44.75	54	-9.25	AV
V	12205.00	59.71	30.33	6.32	24.55	60.25	74	-13.75	Pk
V	12205.00	44.73	30.33	6.32	24.55	45.27	54	-8.73	AV
H	4882.00	58.55	30.55	5.77	24.66	58.43	74	-15.57	Pk
H	4882.00	43.88	30.55	5.77	24.66	43.76	54	-10.24	AV
H	7323.00	58.21	30.33	6.32	24.55	58.75	74	-15.25	Pk
H	7323.00	41.82	30.33	6.32	24.55	42.36	54	-11.64	AV
H	9764.00	56.95	30.55	5.77	24.66	56.83	74	-17.17	Pk
H	9764.00	41.05	30.55	5.77	24.66	40.93	54	-13.07	AV
H	12205.00	59.55	30.33	6.32	24.55	60.09	74	-13.91	Pk
H	12205.00	41.76	30.33	6.32	24.55	42.3	54	-11.7	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	56.58	30.55	5.77	24.66	56.46	74	-17.54	Pk
V	4960.00	41.66	30.55	5.77	24.66	41.54	54	-12.46	AV
V	7440.00	58.24	30.33	6.32	24.55	58.78	74	-15.22	Pk
V	7440.00	43.05	30.33	6.32	24.55	43.59	54	-10.41	AV
V	9920.00	56.71	30.55	5.77	24.66	56.59	74	-17.41	Pk
V	9920.00	41.31	30.55	5.77	24.66	41.19	54	-12.81	AV
V	12400.00	56.78	30.33	6.32	24.55	57.32	74	-16.68	Pk
V	12400.00	41.02	30.33	6.32	24.55	41.56	54	-12.44	AV
H	4960.00	58.46	30.55	5.77	24.66	58.34	74	-15.66	Pk
H	4960.00	41.5	30.55	5.77	24.66	41.38	54	-12.62	AV
H	7440.00	58.9	30.33	6.32	24.55	59.44	74	-14.56	Pk
H	7440.00	42.08	30.33	6.32	24.55	42.62	54	-11.38	AV
H	9920.00	56.78	30.55	5.77	24.66	56.66	74	-17.34	Pk
H	9920.00	44.88	30.55	5.77	24.66	44.76	54	-9.24	AV
H	12400.00	59.98	30.33	6.32	24.55	60.52	74	-13.48	Pk
H	12400.00	42.96	30.33	6.32	24.55	43.5	54	-10.5	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



1GHz~25GHz(Earphone Right)

GFSK

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	58.52	30.55	5.77	24.66	58.4	74	58.52	Pk
V	4804.00	42.07	30.55	5.77	24.66	41.95	54	42.07	AV
V	7206.00	57.31	30.33	6.32	24.55	57.85	74	57.31	Pk
V	7206.00	42.07	30.33	6.32	24.55	42.61	54	42.07	AV
V	9608.00	58.43	30.55	5.77	24.66	58.31	74	58.43	Pk
V	9608.00	41.45	30.55	5.77	24.66	41.33	54	41.45	AV
V	12010.00	58.78	30.33	6.32	24.55	59.32	74	58.78	Pk
V	12010.00	41	30.33	6.32	24.55	41.54	54	41	AV
H	4804.00	55.1	30.55	5.77	24.66	54.98	74	55.1	Pk
H	4804.00	41.28	30.55	5.77	24.66	41.16	54	41.28	AV
H	7206.00	59.39	30.33	6.32	24.55	59.93	74	59.39	Pk
H	7206.00	41.15	30.33	6.32	24.55	41.69	54	41.15	AV
H	9608.00	58.57	30.55	5.77	24.66	58.45	74	58.57	Pk
H	9608.00	41.5	30.55	5.77	24.66	41.38	54	41.5	AV
H	12010.00	58.65	30.33	6.32	24.55	59.19	74	58.65	Pk
H	12010.00	41.11	30.33	6.32	24.55	41.65	54	41.11	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	56.42	30.55	5.77	24.66	56.3	74	56.42	Pk
V	4882.00	41.95	30.55	5.77	24.66	41.83	54	41.95	AV
V	7323.00	58.51	30.33	6.32	24.55	59.05	74	58.51	Pk
V	7323.00	42.75	30.33	6.32	24.55	43.29	54	42.75	AV
V	9764.00	57.43	30.55	5.77	24.66	57.31	74	57.43	Pk
V	9764.00	43.45	30.55	5.77	24.66	43.33	54	43.45	AV
V	12205.00	56.39	30.33	6.32	24.55	56.93	74	56.39	Pk
V	12205.00	42.3	30.33	6.32	24.55	42.84	54	42.3	AV
H	4882.00	57.48	30.55	5.77	24.66	57.36	74	-16.64	Pk
H	4882.00	41.42	30.55	5.77	24.66	41.3	54	-12.7	AV
H	7323.00	56.82	30.33	6.32	24.55	57.36	74	-16.64	Pk
H	7323.00	42.85	30.33	6.32	24.55	43.39	54	-10.61	AV
H	9764.00	56.88	30.55	5.77	24.66	56.76	74	-17.24	Pk
H	9764.00	42.08	30.55	5.77	24.66	41.96	54	-12.04	AV
H	12205.00	59.79	30.33	6.32	24.55	60.33	74	-13.67	Pk
H	12205.00	42.58	30.33	6.32	24.55	43.12	54	-10.88	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	59.51	30.55	5.77	24.66	59.39	74	-14.61	Pk
V	4960.00	41.19	30.55	5.77	24.66	41.07	54	-12.93	AV
V	7440.00	56.15	30.33	6.32	24.55	56.69	74	-17.31	Pk
V	7440.00	43.3	30.33	6.32	24.55	43.84	54	-10.16	AV
V	9920.00	55.89	30.55	5.77	24.66	55.77	74	-18.23	Pk
V	9920.00	41.89	30.55	5.77	24.66	41.77	54	-12.23	AV
V	12400.00	58.88	30.33	6.32	24.55	59.42	74	-14.58	Pk
V	12400.00	41.76	30.33	6.32	24.55	42.3	54	-11.7	AV
H	4960.00	57.06	30.55	5.77	24.66	56.94	74	-17.06	Pk
H	4960.00	41.43	30.55	5.77	24.66	41.31	54	-12.69	AV
H	7440.00	59.63	30.33	6.32	24.55	60.17	74	-13.83	Pk
H	7440.00	43.06	30.33	6.32	24.55	43.6	54	-10.4	AV
H	9920.00	57.29	30.55	5.77	24.66	57.17	74	-16.83	Pk
H	9920.00	44.25	30.55	5.77	24.66	44.13	54	-9.87	AV
H	12400.00	56.26	30.33	6.32	24.55	56.8	74	-17.2	Pk
H	12400.00	42.53	30.33	6.32	24.55	43.07	54	-10.93	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



π/4DQPSK

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	57.6	30.55	5.77	24.66	57.48	74	-16.52	Pk
V	4804.00	42.55	30.55	5.77	24.66	42.43	54	-11.57	AV
V	7206.00	58.51	30.33	6.32	24.55	59.05	74	-14.95	Pk
V	7206.00	43.54	30.33	6.32	24.55	44.08	54	-9.92	AV
V	9608.00	57.16	30.55	5.77	24.66	57.04	74	-16.96	Pk
V	9608.00	41.86	30.55	5.77	24.66	41.74	54	-12.26	AV
V	12010.00	56.56	30.33	6.32	24.55	57.1	74	-16.9	Pk
V	12010.00	44.03	30.33	6.32	24.55	44.57	54	-9.43	AV
H	4804.00	58.81	30.55	5.77	24.66	58.69	74	-15.31	Pk
H	4804.00	41.93	30.55	5.77	24.66	41.81	54	-12.19	AV
H	7206.00	59.41	30.33	6.32	24.55	59.95	74	-14.05	Pk
H	7206.00	41.83	30.33	6.32	24.55	42.37	54	-11.63	AV
H	9608.00	58.81	30.55	5.77	24.66	58.69	74	-15.31	Pk
H	9608.00	41.93	30.55	5.77	24.66	41.81	54	-12.19	AV
H	12010.00	58.19	30.33	6.32	24.55	58.73	74	-15.27	Pk
H	12010.00	41.52	30.33	6.32	24.55	42.06	54	-11.94	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	56.34	30.55	5.77	24.66	56.22	74	-17.78	Pk
V	4882.00	41.8	30.55	5.77	24.66	41.68	54	-12.32	AV
V	7323.00	58.66	30.33	6.32	24.55	59.2	74	-14.8	Pk
V	7323.00	41.4	30.33	6.32	24.55	41.94	54	-12.06	AV
V	9764.00	59.35	30.55	5.77	24.66	59.23	74	-14.77	Pk
V	9764.00	43.41	30.55	5.77	24.66	43.29	54	-10.71	AV
V	12205.00	55.71	30.33	6.32	24.55	56.25	74	-17.75	Pk
V	12205.00	44.37	30.33	6.32	24.55	44.91	54	-9.09	AV
H	4882.00	57.59	30.55	5.77	24.66	57.47	74	-16.53	Pk
H	4882.00	44.38	30.55	5.77	24.66	44.26	54	-9.74	AV
H	7323.00	57.2	30.33	6.32	24.55	57.74	74	-16.26	Pk
H	7323.00	43.46	30.33	6.32	24.55	44	54	-10	AV
H	9764.00	58.66	30.55	5.77	24.66	58.54	74	-15.46	Pk
H	9764.00	42.77	30.55	5.77	24.66	42.65	54	-11.35	AV
H	12205.00	59.99	30.33	6.32	24.55	60.53	74	-13.47	Pk
H	12205.00	44.89	30.33	6.32	24.55	45.43	54	-8.57	AV



Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	58.95	30.55	5.77	24.66	58.83	74	-15.17	Pk
V	4960.00	41.92	30.55	5.77	24.66	41.8	54	-12.2	AV
V	7440.00	58.73	30.33	6.32	24.55	59.27	74	-14.73	Pk
V	7440.00	43.48	30.33	6.32	24.55	44.02	54	-9.98	AV
V	9920.00	59.23	30.55	5.77	24.66	59.11	74	-14.89	Pk
V	9920.00	41.9	30.55	5.77	24.66	41.78	54	-12.22	AV
V	12400.00	57.3	30.33	6.32	24.55	57.84	74	-16.16	Pk
V	12400.00	41.41	30.33	6.32	24.55	41.95	54	-12.05	AV
H	4960.00	56.08	30.55	5.77	24.66	55.96	74	-18.04	Pk
H	4960.00	41.28	30.55	5.77	24.66	41.16	54	-12.84	AV
H	7440.00	57.7	30.33	6.32	24.55	58.24	74	-15.76	Pk
H	7440.00	42.24	30.33	6.32	24.55	42.78	54	-11.22	AV
H	9920.00	57.25	30.55	5.77	24.66	57.13	74	-16.87	Pk
H	9920.00	44.75	30.55	5.77	24.66	44.63	54	-9.37	AV
H	12400.00	57.1	30.33	6.32	24.55	57.64	74	-16.36	Pk
H	12400.00	41.1	30.33	6.32	24.55	41.64	54	-12.36	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



8DPSK

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel:2402MHz									
V	4804.00	59.31	30.55	5.77	24.66	59.19	74	-14.81	Pk
V	4804.00	43.03	30.55	5.77	24.66	42.91	54	-11.09	AV
V	7206.00	57.49	30.33	6.32	24.55	58.03	74	-15.97	Pk
V	7206.00	44.13	30.33	6.32	24.55	44.67	54	-9.33	AV
V	9608.00	56	30.55	5.77	24.66	55.88	74	-18.12	Pk
V	9608.00	43.34	30.55	5.77	24.66	43.22	54	-10.78	AV
V	12010.00	56.52	30.33	6.32	24.55	57.06	74	-16.94	Pk
V	12010.00	42.99	30.33	6.32	24.55	43.53	54	-10.47	AV
H	4804.00	56.72	30.55	5.77	24.66	56.6	74	-17.4	Pk
H	4804.00	41.2	30.55	5.77	24.66	41.08	54	-12.92	AV
H	7206.00	58.53	30.33	6.32	24.55	59.07	74	-14.93	Pk
H	7206.00	43.17	30.33	6.32	24.55	43.71	54	-10.29	AV
H	9608.00	56.23	30.55	5.77	24.66	56.11	74	-17.89	Pk
H	9608.00	41.09	30.55	5.77	24.66	40.97	54	-13.03	AV
H	12010.00	58.81	30.33	6.32	24.55	59.35	74	-14.65	Pk
H	12010.00	41.11	30.33	6.32	24.55	41.65	54	-12.35	AV

Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Middle Channel:2441MHz									
V	4882.00	56.87	30.55	5.77	24.66	56.75	74	-17.25	Pk
V	4882.00	41.86	30.55	5.77	24.66	41.74	54	-12.26	AV
V	7323.00	59.5	30.33	6.32	24.55	60.04	74	-13.96	Pk
V	7323.00	43.02	30.33	6.32	24.55	43.56	54	-10.44	AV
V	9764.00	55.62	30.55	5.77	24.66	55.5	74	-18.5	Pk
V	9764.00	41.87	30.55	5.77	24.66	41.75	54	-12.25	AV
V	12205.00	55.31	30.33	6.32	24.55	55.85	74	-18.15	Pk
V	12205.00	44.53	30.33	6.32	24.55	45.07	54	-8.93	AV
H	4882.00	56.7	30.55	5.77	24.66	56.58	74	-17.42	Pk
H	4882.00	43.99	30.55	5.77	24.66	43.87	54	-10.13	AV
H	7323.00	57.46	30.33	6.32	24.55	58	74	-16	Pk
H	7323.00	44.3	30.33	6.32	24.55	44.84	54	-9.16	AV
H	9764.00	56.89	30.55	5.77	24.66	56.77	74	-17.23	Pk
H	9764.00	43.51	30.55	5.77	24.66	43.39	54	-10.61	AV
H	12205.00	56.06	30.33	6.32	24.55	56.6	74	-17.4	Pk
H	12205.00	42.94	30.33	6.32	24.55	43.48	54	-10.52	AV



Polar (H/V)	Frequency	Meter Reading	Pre-amplifier	Cable Loss	Antenna Factor	Emission Level	Limits	Margin	Detector Type
	(MHz)	(dBuV)	(dB)	(dB)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
High Channel:2480MHz									
V	4960.00	56	30.55	5.77	24.66	55.88	74	-18.12	Pk
V	4960.00	41.5	30.55	5.77	24.66	41.38	54	-12.62	AV
V	7440.00	58.95	30.33	6.32	24.55	59.49	74	-14.51	Pk
V	7440.00	41.61	30.33	6.32	24.55	42.15	54	-11.85	AV
V	9920.00	57.47	30.55	5.77	24.66	57.35	74	-16.65	Pk
V	9920.00	41.41	30.55	5.77	24.66	41.29	54	-12.71	AV
V	12400.00	55.53	30.33	6.32	24.55	56.07	74	-17.93	Pk
V	12400.00	41.99	30.33	6.32	24.55	42.53	54	-11.47	AV
H	4960.00	57.68	30.55	5.77	24.66	57.56	74	-16.44	Pk
H	4960.00	41.92	30.55	5.77	24.66	41.8	54	-12.2	AV
H	7440.00	55.35	30.33	6.32	24.55	55.89	74	-18.11	Pk
H	7440.00	41.87	30.33	6.32	24.55	42.41	54	-11.59	AV
H	9920.00	57.57	30.55	5.77	24.66	57.45	74	-16.55	Pk
H	9920.00	41.56	30.55	5.77	24.66	41.44	54	-12.56	AV
H	12400.00	56.4	30.33	6.32	24.55	56.94	74	-17.06	Pk
H	12400.00	41.10	30.33	6.32	24.55	41.64	54	-12.36	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier,
Margin= Emission Level - Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



5. RADIATED BAND EMISSION MEASUREMENT

5.1 Test Requirement:

Test Requirement:	FCC Part15 C Section 15.209 and 15.205, RSS-Gen 8.9, RSS-Gen 8.10				
Test Method:	ANSI C63.10: 2013				
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
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Average	1MHz	3MHz	Average

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	2300MHz
Stop Frequency	2520
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

5.2 TEST PROCEDURE

Above 1GHz test procedure as below:

- a. 1. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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.
- g. Test the EUT in the lowest channel,the Highest channel

Note:

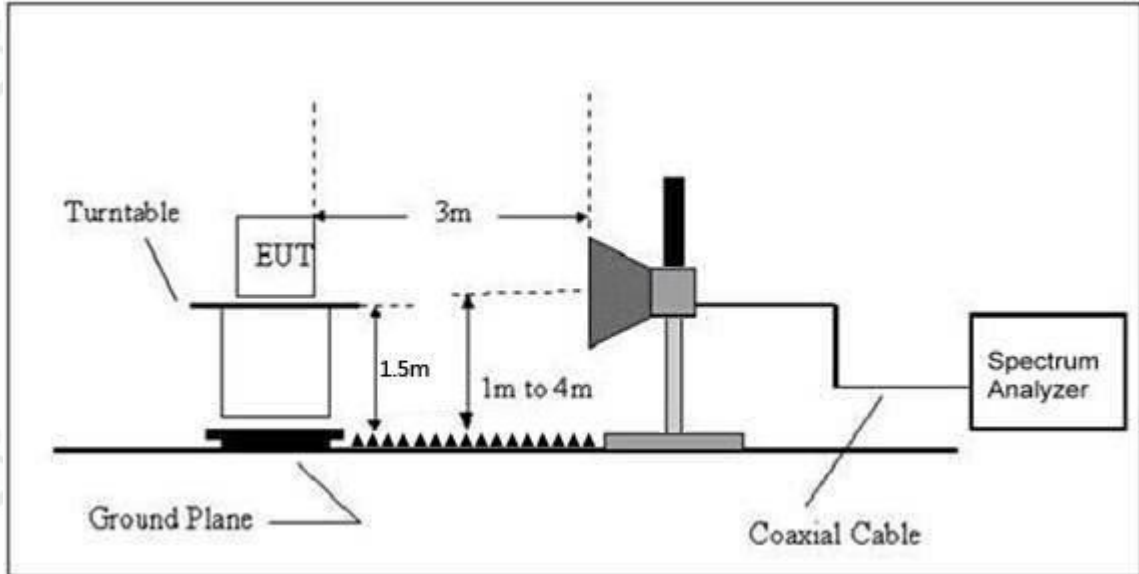
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

5.3 DEVIATION FROM TEST STANDARD

No deviation

5.4 TEST SETUP

Radiated Emission Test-Up Frequency Above 1GHz



5.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



5.6 TEST RESULT

Earphone Left											
	Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
GFSK	Low Channel: 2402MHz										
	H	2390.00	61.05	30.22	4.85	23.98	59.66	74.00	-14.34	PK	PASS
	H	2390.00	48.33	30.22	4.85	23.98	46.94	54.00	-7.06	AV	PASS
	H	2400.00	59.25	30.22	4.85	23.98	57.86	74.00	-16.14	PK	PASS
	H	2400.00	46.30	30.22	4.85	23.98	44.91	54.00	-9.09	AV	PASS
	V	2390.00	62.48	30.22	4.85	23.98	61.09	74.00	-12.91	PK	PASS
	V	2390.00	46.82	30.22	4.85	23.98	45.43	54.00	-8.57	AV	PASS
	V	2400.00	61.37	30.22	4.85	23.98	59.98	74.00	-14.02	PK	PASS
	V	2400.00	48.54	30.22	4.85	23.98	47.15	54.00	-6.85	AV	PASS
	High Channel: 2480MHz										
	H	2483.50	61.13	30.22	4.85	23.98	59.74	74.00	-14.26	PK	PASS
	H	2483.50	47.24	30.22	4.85	23.98	45.85	54.00	-8.15	AV	PASS
	H	2500.00	59.52	30.22	4.85	23.98	58.13	74.00	-15.87	PK	PASS
	H	2500.00	47.74	30.22	4.85	23.98	46.35	54.00	-7.65	AV	PASS
	V	2483.50	62.71	30.22	4.85	23.98	61.32	74.00	-12.68	PK	PASS
	V	2483.50	46.94	30.22	4.85	23.98	45.55	54.00	-8.45	AV	PASS
V	2500.00	62.80	30.22	4.85	23.98	61.41	74.00	-12.59	PK	PASS	
V	2500.00	48.11	30.22	4.85	23.98	46.72	54.00	-7.28	AV	PASS	
π/4DQPSK	Low Channel: 2402MHz										
	H	2390.00	61.95	30.22	4.85	23.98	60.56	74.00	-13.44	PK	PASS
	H	2390.00	46.52	30.22	4.85	23.98	45.13	54.00	-8.87	AV	PASS
	H	2400.00	60.80	30.22	4.85	23.98	59.41	74.00	-14.59	PK	PASS
	H	2400.00	47.74	30.22	4.85	23.98	46.35	54.00	-7.65	AV	PASS
	V	2390.00	61.67	30.22	4.85	23.98	60.28	74.00	-13.72	PK	PASS
	V	2390.00	47.01	30.22	4.85	23.98	45.62	54.00	-8.38	AV	PASS
	V	2400.00	59.73	30.22	4.85	23.98	58.34	74.00	-15.66	PK	PASS
	V	2400.00	48.34	30.22	4.85	23.98	46.95	54.00	-7.05	AV	PASS
	High Channel: 2480MHz										
	H	2483.50	60.85	30.22	4.85	23.98	59.46	74.00	-14.54	PK	PASS
	H	2483.50	47.89	30.22	4.85	23.98	46.50	54.00	-7.50	AV	PASS
	H	2500.00	60.38	30.22	4.85	23.98	58.99	74.00	-15.01	PK	PASS
	H	2500.00	46.41	30.22	4.85	23.98	45.02	54.00	-8.98	AV	PASS
	V	2483.50	59.57	30.22	4.85	23.98	58.18	74.00	-15.82	PK	PASS
	V	2483.50	46.63	30.22	4.85	23.98	45.24	54.00	-8.76	AV	PASS
V	2500.00	61.08	30.22	4.85	23.98	59.69	74.00	-14.31	PK	PASS	
V	2500.00	48.95	30.22	4.85	23.98	47.56	54.00	-6.44	AV	PASS	
8DPSK	Low Channel: 2402MHz										
	H	2390.00	60.30	30.22	4.85	23.98	58.91	74.00	-15.09	PK	PASS
	H	2390.00	47.21	30.22	4.85	23.98	45.82	54.00	-8.18	AV	PASS
	H	2400.00	62.38	30.22	4.85	23.98	60.99	74.00	-13.01	PK	PASS
	H	2400.00	46.84	30.22	4.85	23.98	45.45	54.00	-8.55	AV	PASS
	V	2390.00	62.91	30.22	4.85	23.98	61.52	74.00	-12.48	PK	PASS
	V	2390.00	46.80	30.22	4.85	23.98	45.41	54.00	-8.59	AV	PASS
	V	2400.00	59.06	30.22	4.85	23.98	57.67	74.00	-16.33	PK	PASS
	V	2400.00	48.77	30.22	4.85	23.98	47.38	54.00	-6.62	AV	PASS
	High Channel: 2480MHz										
	H	2483.50	60.21	30.22	4.85	23.98	58.82	74.00	-15.18	PK	PASS
	H	2483.50	48.07	30.22	4.85	23.98	46.68	54.00	-7.32	AV	PASS
	H	2500.00	62.60	30.22	4.85	23.98	61.21	74.00	-12.79	PK	PASS
	H	2500.00	48.84	30.22	4.85	23.98	47.45	54.00	-6.55	AV	PASS



V	2483.50	62.74	30.22	4.85	23.98	61.35	74.00	-12.65	PK	PASS
V	2483.50	48.16	30.22	4.85	23.98	46.77	54.00	-7.23	AV	PASS
V	2500.00	61.87	30.22	4.85	23.98	60.48	74.00	-13.52	PK	PASS
V	2500.00	47.56	30.22	4.85	23.98	46.17	54.00	-7.83	AV	PASS

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit



Earphone Right											
	Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Result
GFSK	Low Channel: 2402MHz										
	H	2390.00	61.26	30.22	4.85	23.98	59.87	74.00	-14.13	PK	PASS
	H	2390.00	46.50	30.22	4.85	23.98	45.11	54.00	-8.89	AV	PASS
	H	2400.00	62.82	30.22	4.85	23.98	61.43	74.00	-12.57	PK	PASS
	H	2400.00	48.13	30.22	4.85	23.98	46.74	54.00	-7.26	AV	PASS
	V	2390.00	59.07	30.22	4.85	23.98	57.68	74.00	-16.32	PK	PASS
	V	2390.00	47.34	30.22	4.85	23.98	45.95	54.00	-8.05	AV	PASS
	V	2400.00	62.68	30.22	4.85	23.98	61.29	74.00	-12.71	PK	PASS
	V	2400.00	47.55	30.22	4.85	23.98	46.16	54.00	-7.84	AV	PASS
	High Channel: 2480MHz										
	H	2483.50	61.75	30.22	4.85	23.98	60.36	74.00	-13.64	PK	PASS
	H	2483.50	46.30	30.22	4.85	23.98	44.91	54.00	-9.09	AV	PASS
	H	2500.00	59.20	30.22	4.85	23.98	57.81	74.00	-16.19	PK	PASS
	H	2500.00	47.23	30.22	4.85	23.98	45.84	54.00	-8.16	AV	PASS
	V	2483.50	61.85	30.22	4.85	23.98	60.46	74.00	-13.54	PK	PASS
	V	2483.50	46.95	30.22	4.85	23.98	45.56	54.00	-8.44	AV	PASS
V	2500.00	59.47	30.22	4.85	23.98	58.08	74.00	-15.92	PK	PASS	
V	2500.00	46.63	30.22	4.85	23.98	45.24	54.00	-8.76	AV	PASS	
π/4DQPSK	Low Channel: 2402MHz										
	H	2390.00	59.54	30.22	4.85	23.98	58.15	74.00	-15.85	PK	PASS
	H	2390.00	48.96	30.22	4.85	23.98	47.57	54.00	-6.43	AV	PASS
	H	2400.00	60.06	30.22	4.85	23.98	58.67	74.00	-15.33	PK	PASS
	H	2400.00	46.65	30.22	4.85	23.98	45.26	54.00	-8.74	AV	PASS
	V	2390.00	61.00	30.22	4.85	23.98	59.61	74.00	-14.39	PK	PASS
	V	2390.00	47.23	30.22	4.85	23.98	45.84	54.00	-8.16	AV	PASS
	V	2400.00	60.02	30.22	4.85	23.98	58.63	74.00	-15.37	PK	PASS
	V	2400.00	46.86	30.22	4.85	23.98	45.47	54.00	-8.53	AV	PASS
	High Channel: 2480MHz										
	H	2483.50	62.11	30.22	4.85	23.98	60.72	74.00	-13.28	PK	PASS
	H	2483.50	46.39	30.22	4.85	23.98	45.00	54.00	-9.00	AV	PASS
	H	2500.00	62.36	30.22	4.85	23.98	60.97	74.00	-13.03	PK	PASS
	H	2500.00	46.29	30.22	4.85	23.98	44.90	54.00	-9.10	AV	PASS
	V	2483.50	62.08	30.22	4.85	23.98	60.69	74.00	-13.31	PK	PASS
	V	2483.50	47.18	30.22	4.85	23.98	45.79	54.00	-8.21	AV	PASS
V	2500.00	61.54	30.22	4.85	23.98	60.15	74.00	-13.85	PK	PASS	
V	2500.00	46.44	30.22	4.85	23.98	45.05	54.00	-8.95	AV	PASS	
8DPSK	Low Channel: 2402MHz										
	H	2390.00	60.68	30.22	4.85	23.98	59.29	74.00	-14.71	PK	PASS
	H	2390.00	47.50	30.22	4.85	23.98	46.11	54.00	-7.89	AV	PASS
	H	2400.00	62.65	30.22	4.85	23.98	61.26	74.00	-12.74	PK	PASS
	H	2400.00	47.32	30.22	4.85	23.98	45.93	54.00	-8.07	AV	PASS
	V	2390.00	60.77	30.22	4.85	23.98	59.38	74.00	-14.62	PK	PASS
	V	2390.00	47.87	30.22	4.85	23.98	46.48	54.00	-7.52	AV	PASS
	V	2400.00	62.01	30.22	4.85	23.98	60.62	74.00	-13.38	PK	PASS
	V	2400.00	46.42	30.22	4.85	23.98	45.03	54.00	-8.97	AV	PASS
	High Channel: 2480MHz										
	H	2483.50	60.03	30.22	4.85	23.98	58.64	74.00	-15.36	PK	PASS
	H	2483.50	47.52	30.22	4.85	23.98	46.13	54.00	-7.87	AV	PASS
	H	2500.00	62.64	30.22	4.85	23.98	61.25	74.00	-12.75	PK	PASS
	H	2500.00	47.20	30.22	4.85	23.98	45.81	54.00	-8.19	AV	PASS
	V	2483.50	61.11	30.22	4.85	23.98	59.72	74.00	-14.28	PK	PASS
	V	2483.50	46.22	30.22	4.85	23.98	44.83	54.00	-9.17	AV	PASS



	V	2500.00	59.71	30.22	4.85	23.98	58.32	74.00	-15.68	PK	PASS
	V	2500.00	47.71	30.22	4.85	23.98	46.32	54.00	-7.68	AV	PASS

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss – Pre-amplifier, Margin= Emission Level - Limit

6. CONDUCTED BAND EDGE AND SPURIOUS EMISSION

Test Requirement:	FCC Part15 C Section 15.247 (d), RSS-247 5.5
Test Method:	ANSI C63.10

6.1 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

According to RSS-247§5.5 and RSS-Gen§8.9, In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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. Attenuation below the general limits specified in Section 15.209(a) or RSS-Gen is not required.

6.2 Test Setup



6.3 Test procedure

Using the following spectrum analyzer setting:

- A) Set the RBW = 100KHz.
- B) Set the VBW = 300KHz.
- C) Sweep time = auto couple.
- D) Detector function = peak.
- E) Trace mode = max hold.
- F) Allow trace to fully stabilize.

6.4 DEVIATION FROM STANDARD

No deviation.



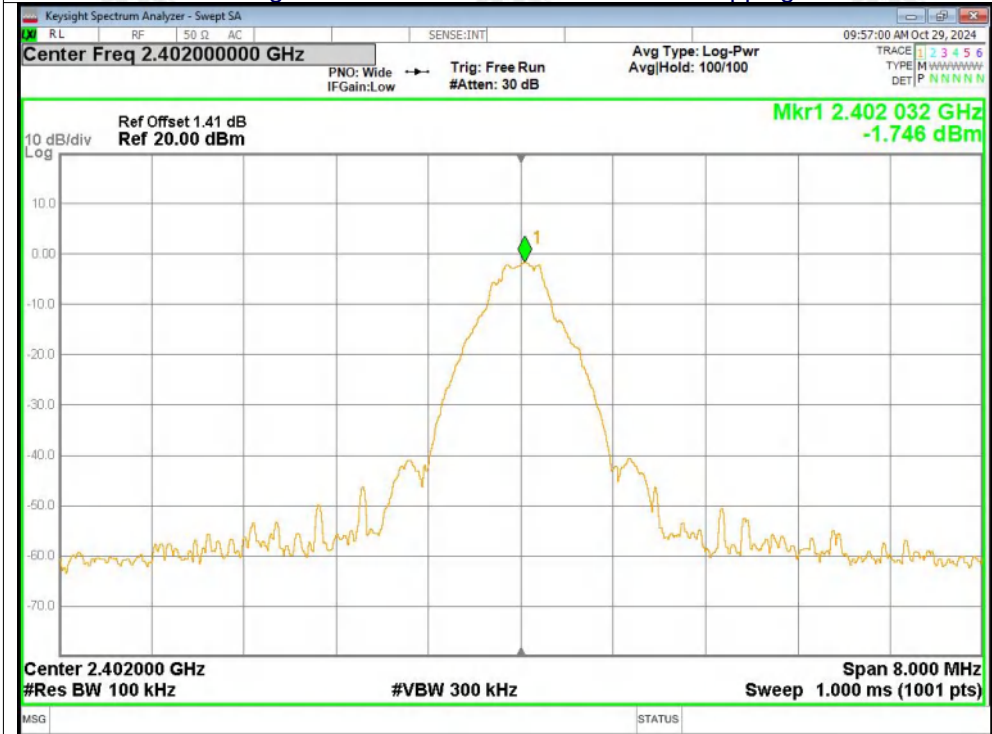
6.5 Test Result

Band Edge

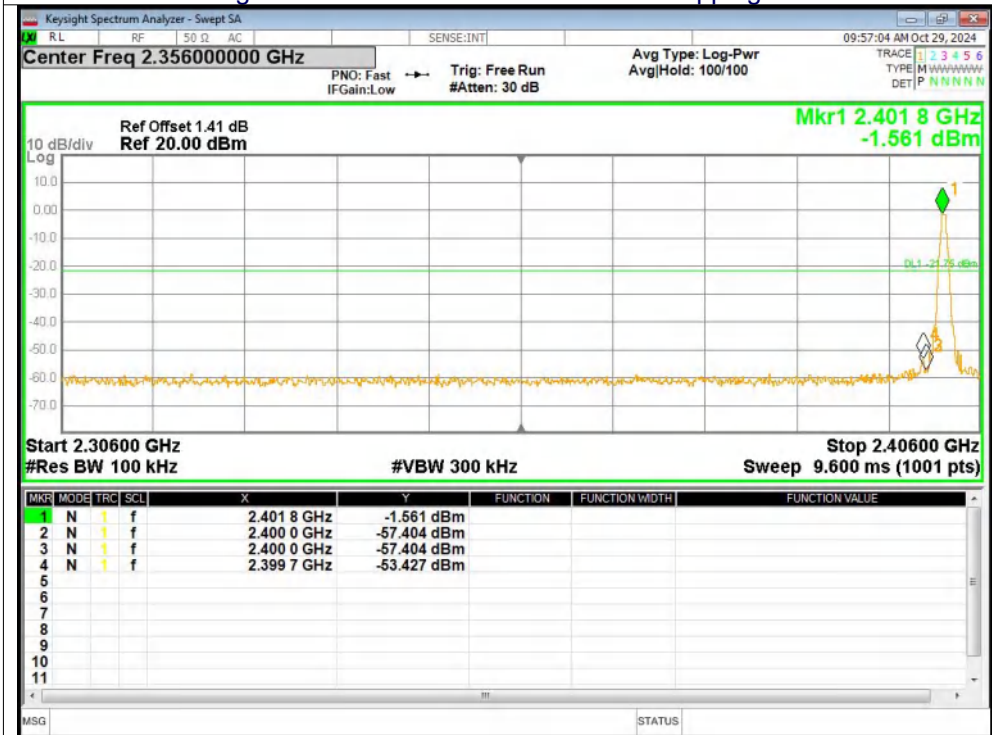
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-51.67	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.16	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-53.73	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.91	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-50.36	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-56.11	-20	Pass

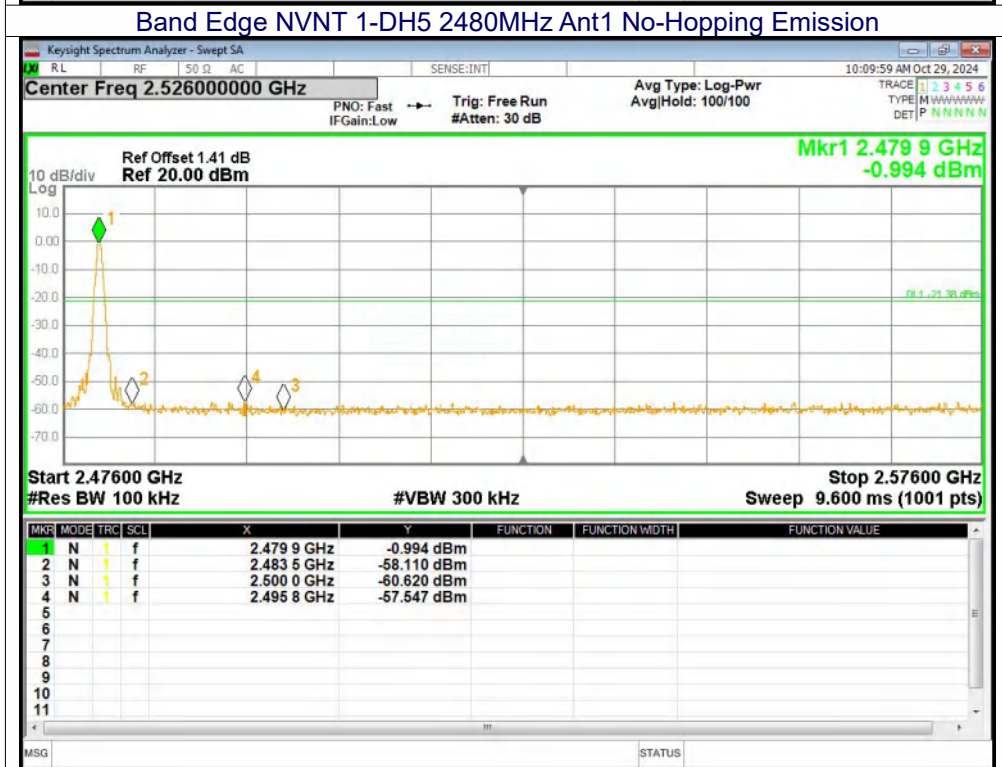
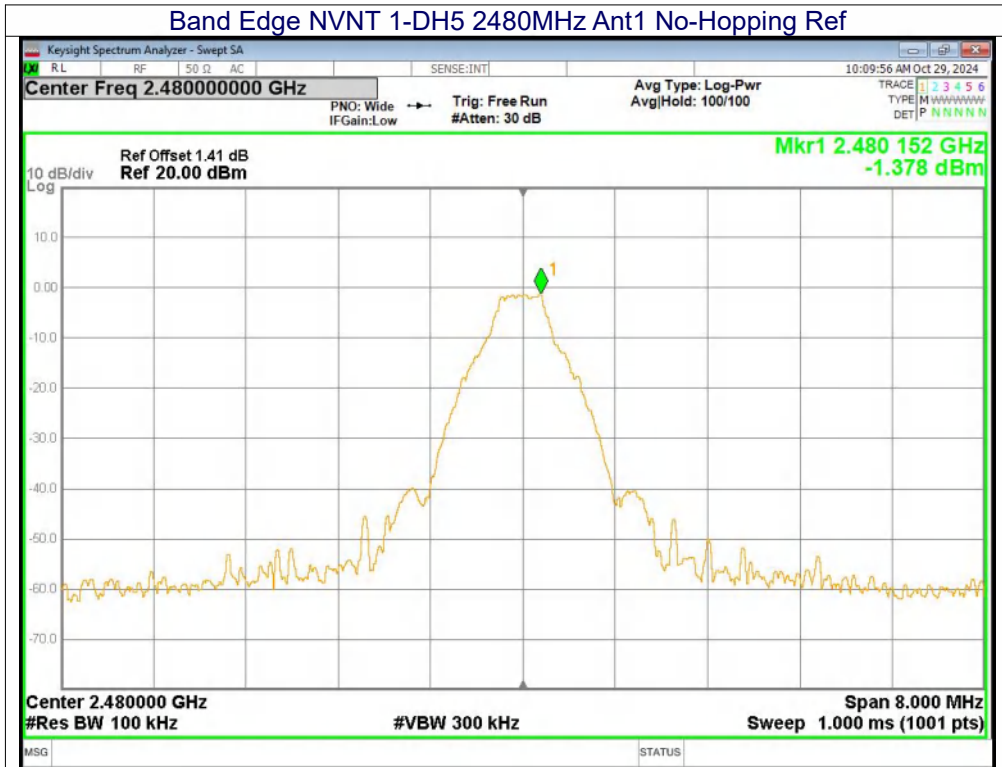
Test Graphs

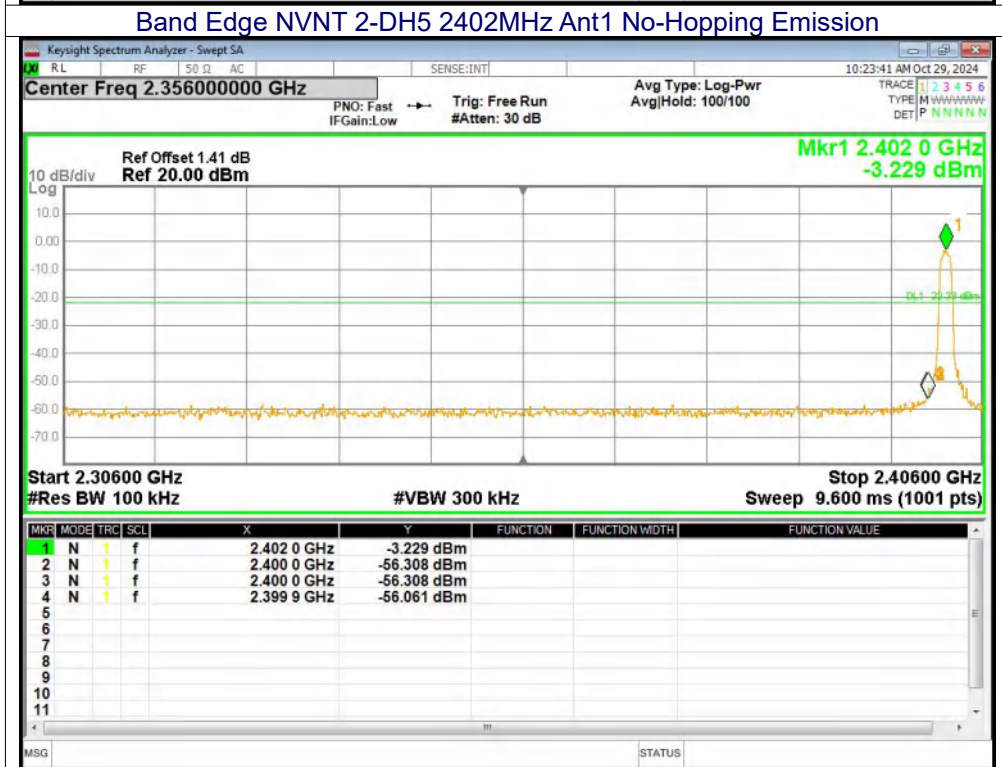
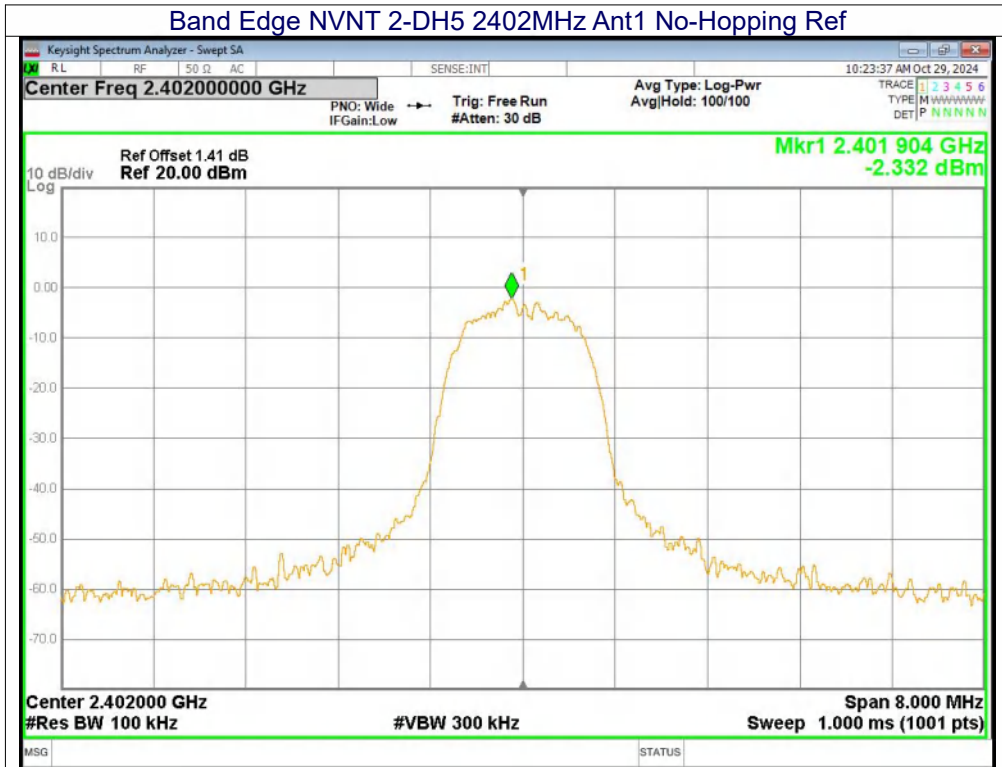
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref

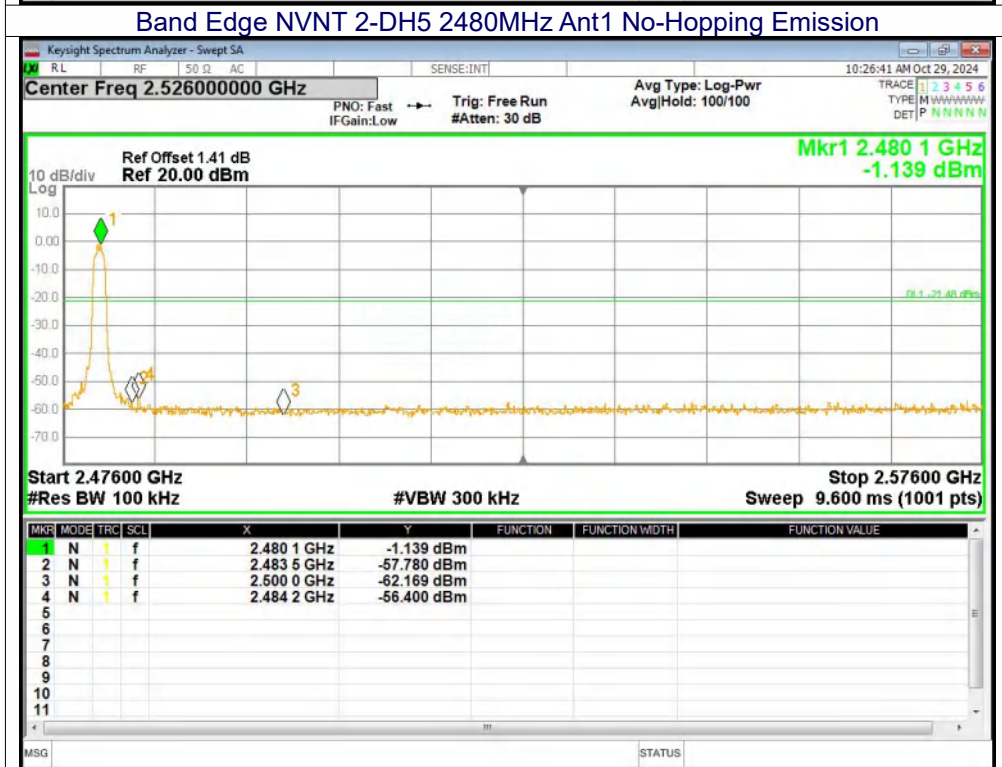
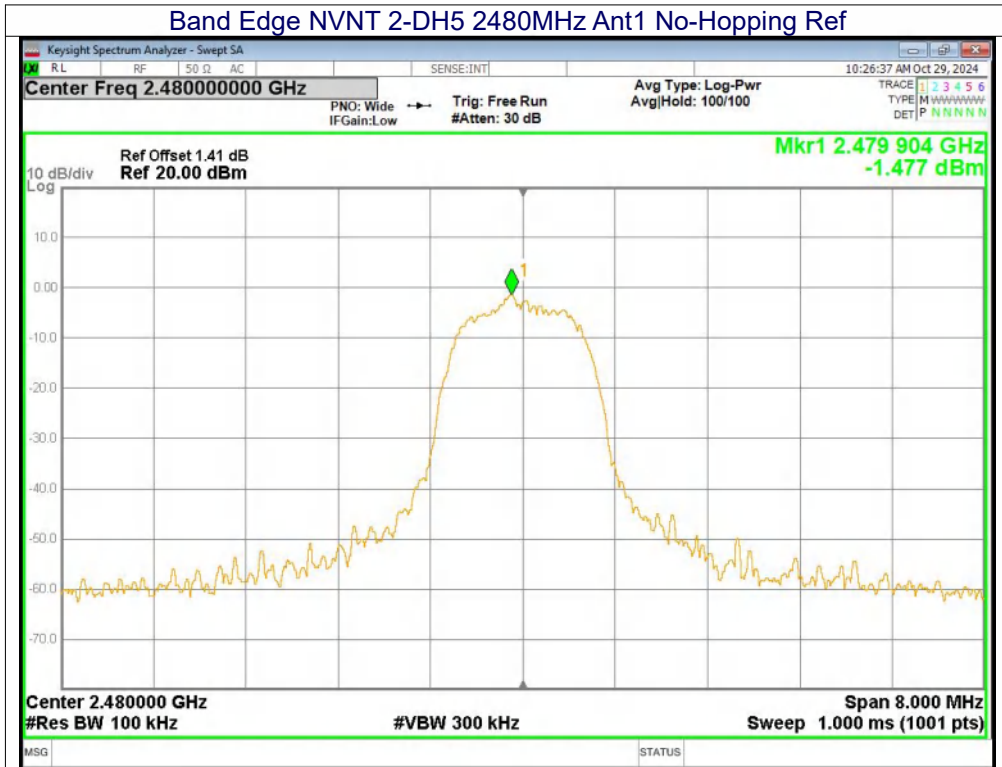


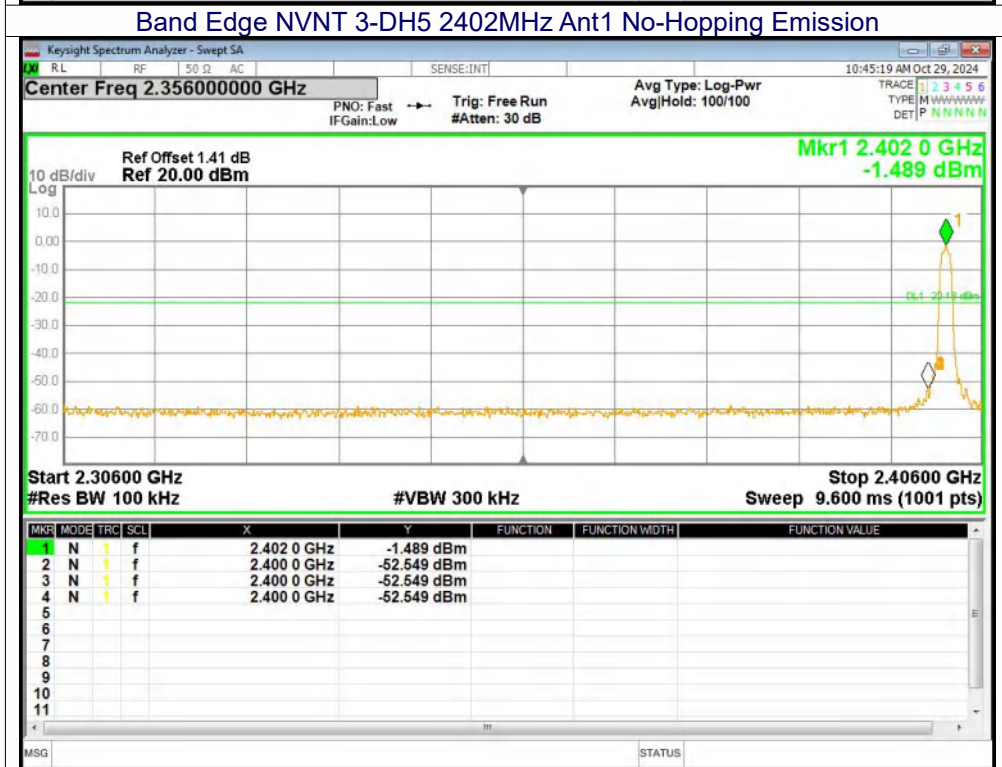
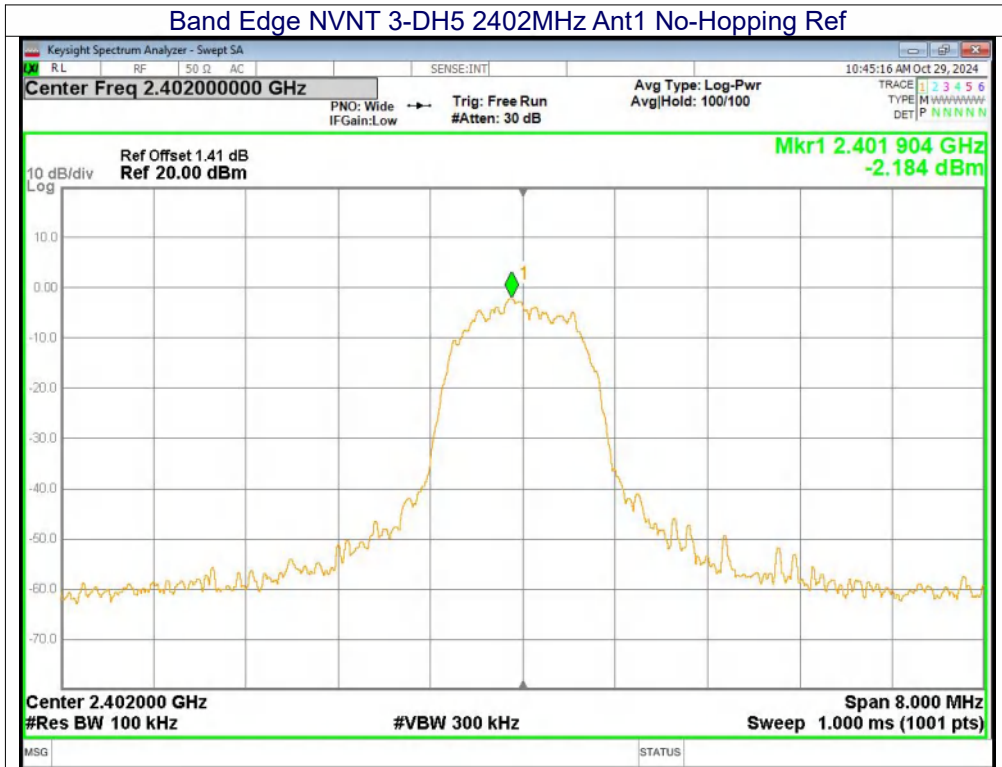
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

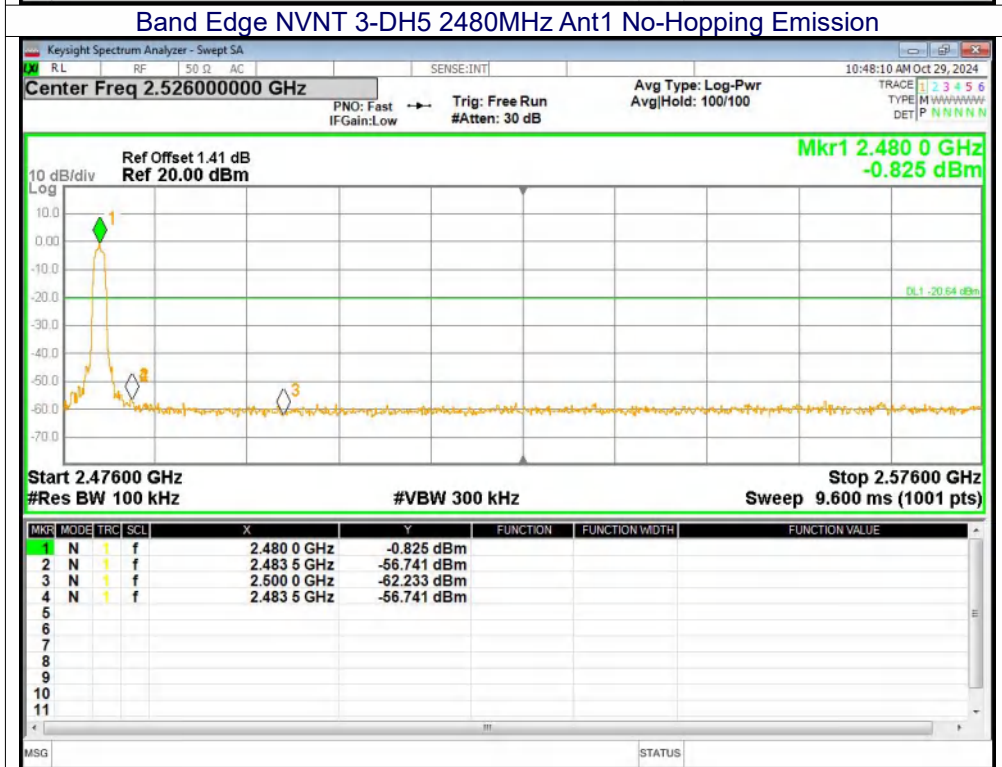
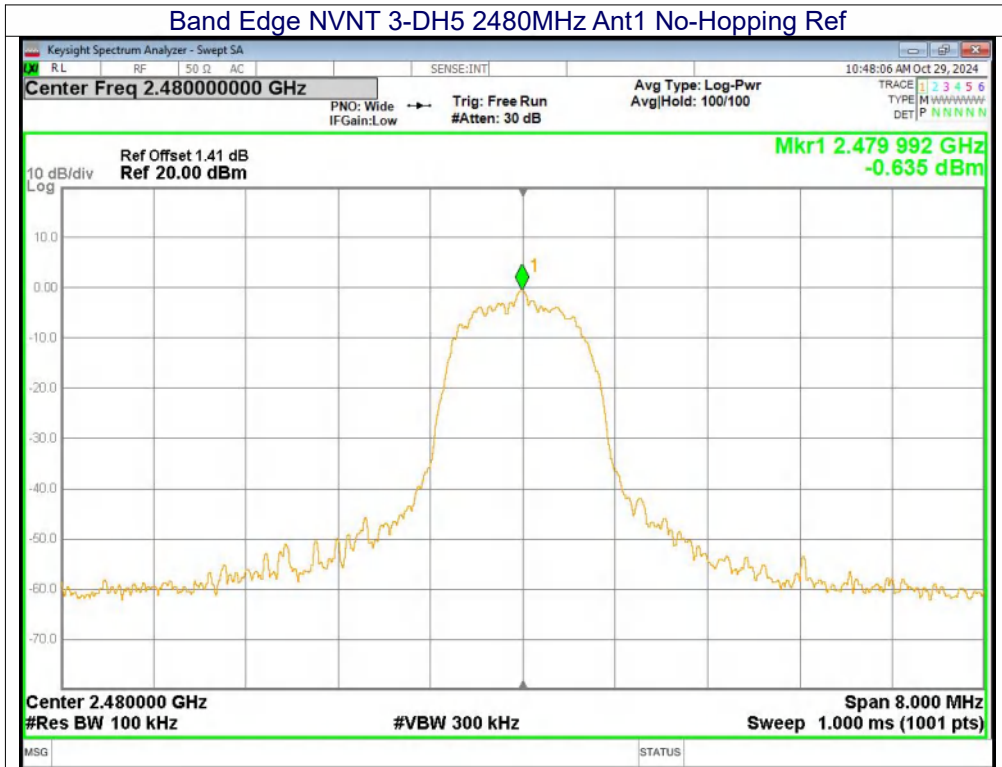












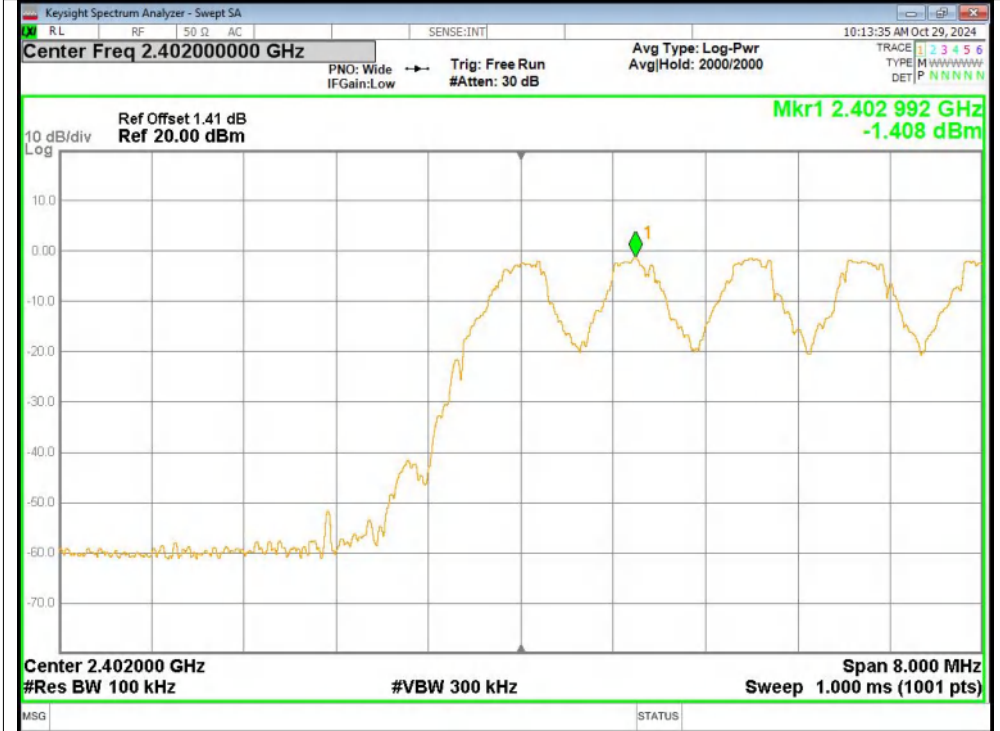


Band Edge(Hopping)

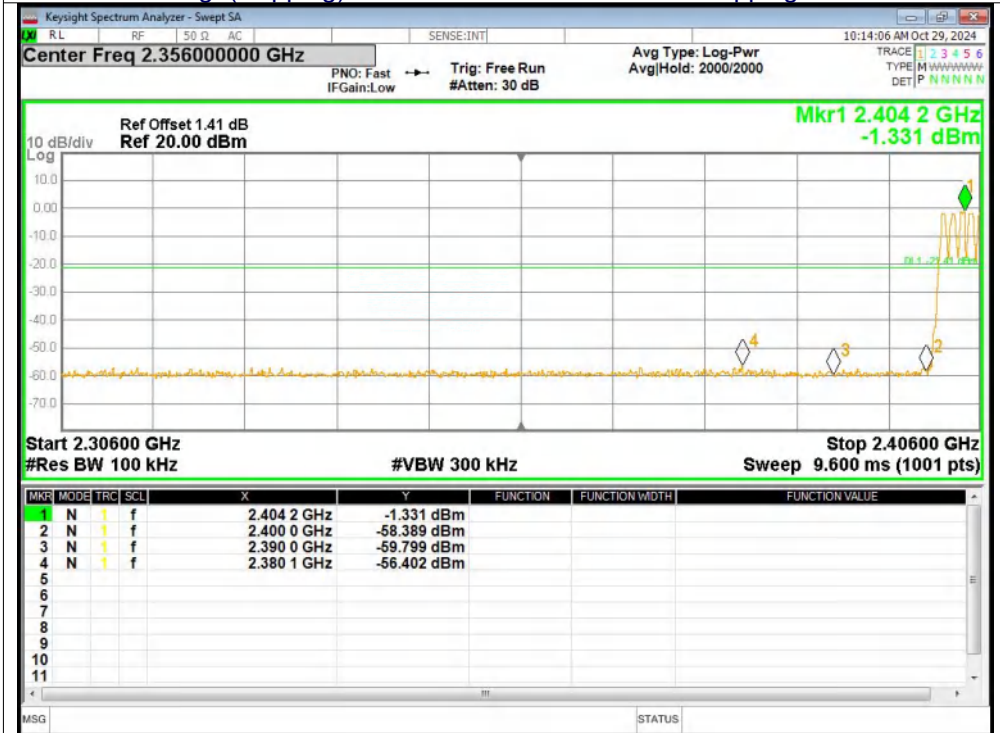
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-54.99	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-56.88	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-55.57	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.95	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-54.12	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-56.5	-20	Pass

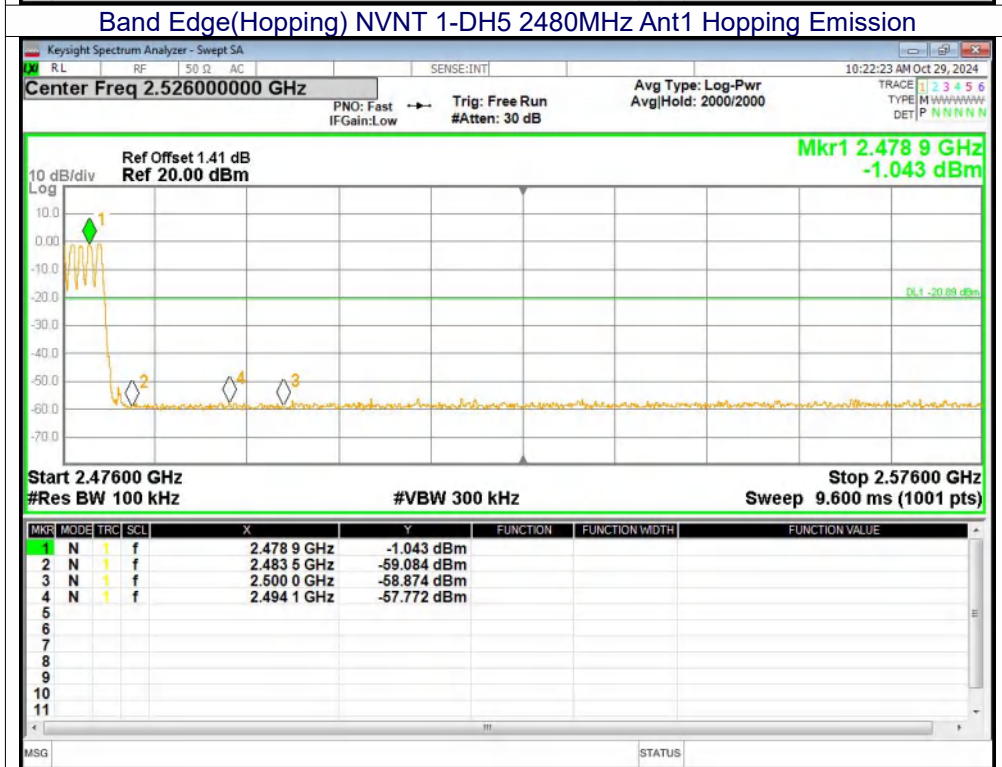
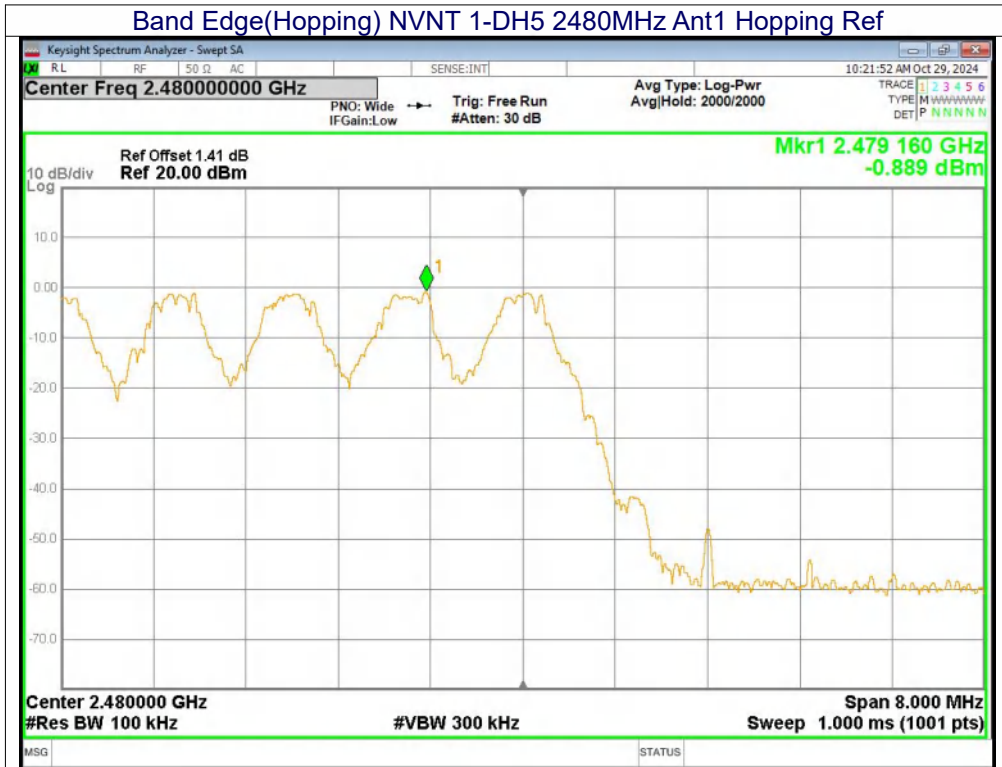
Test Graphs

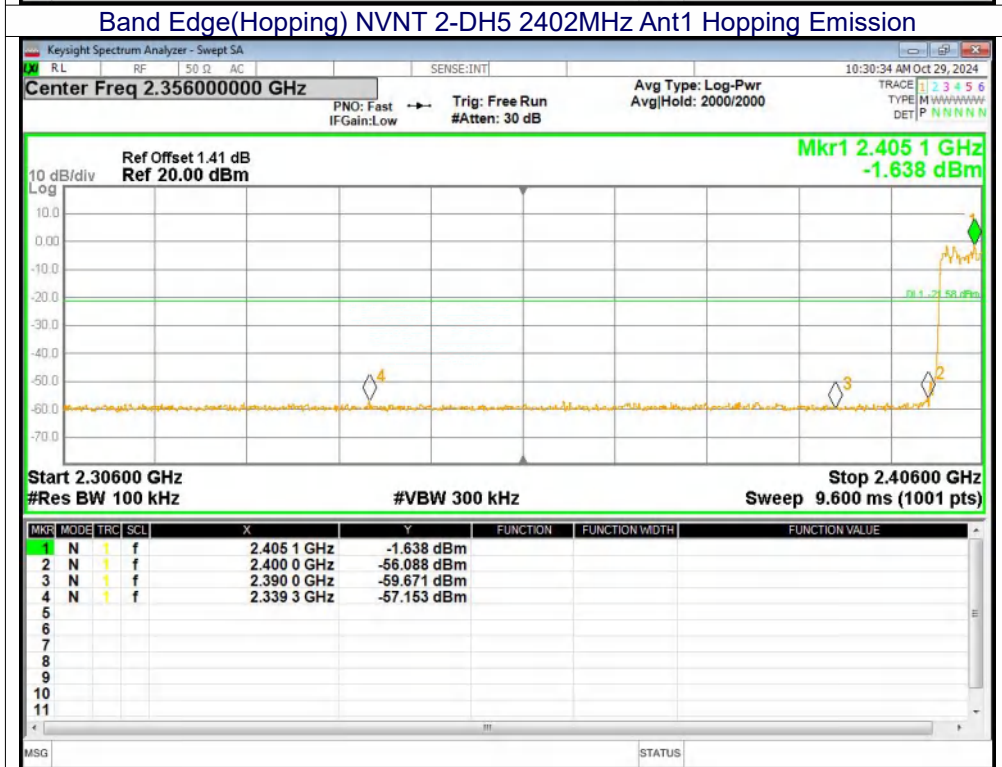
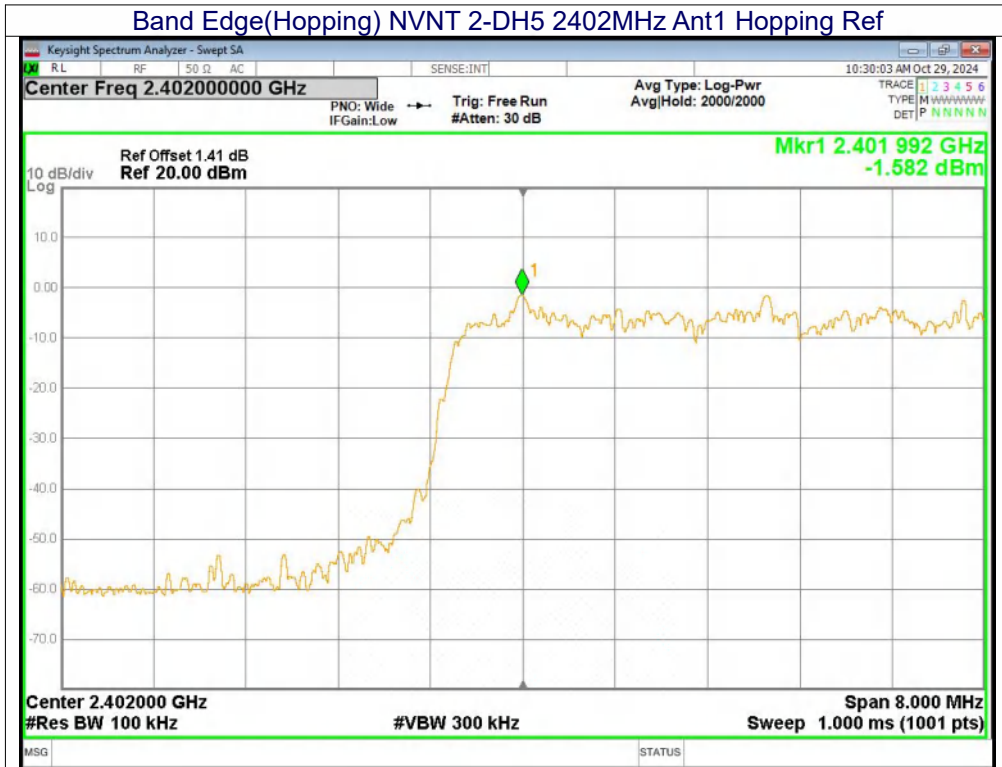
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

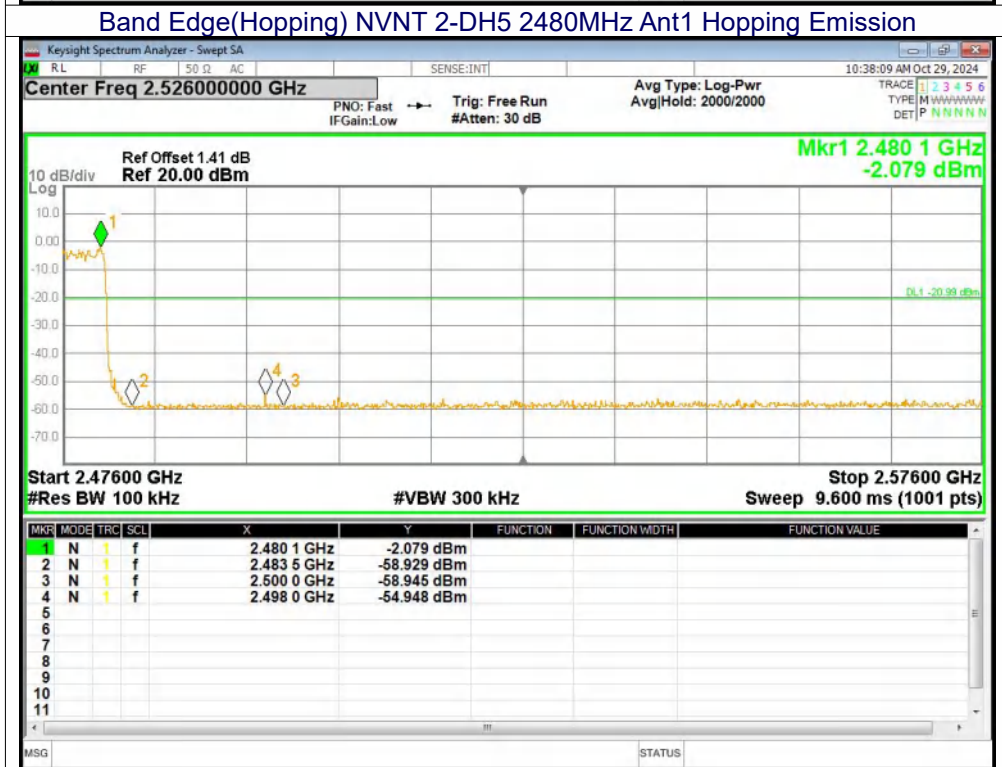
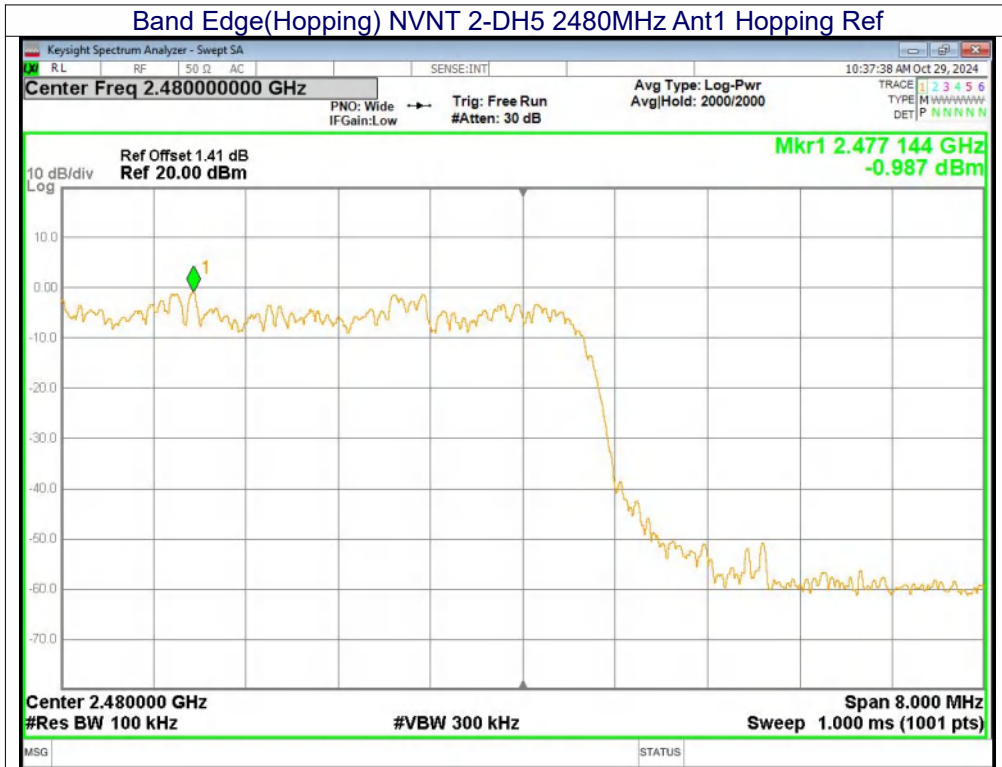


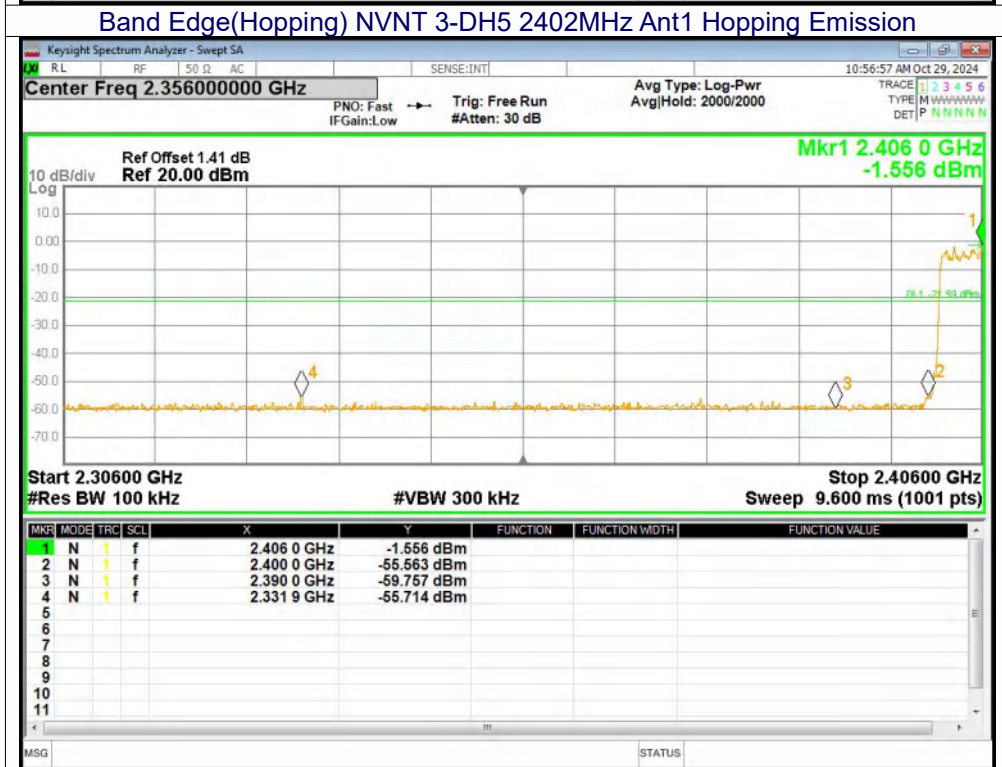
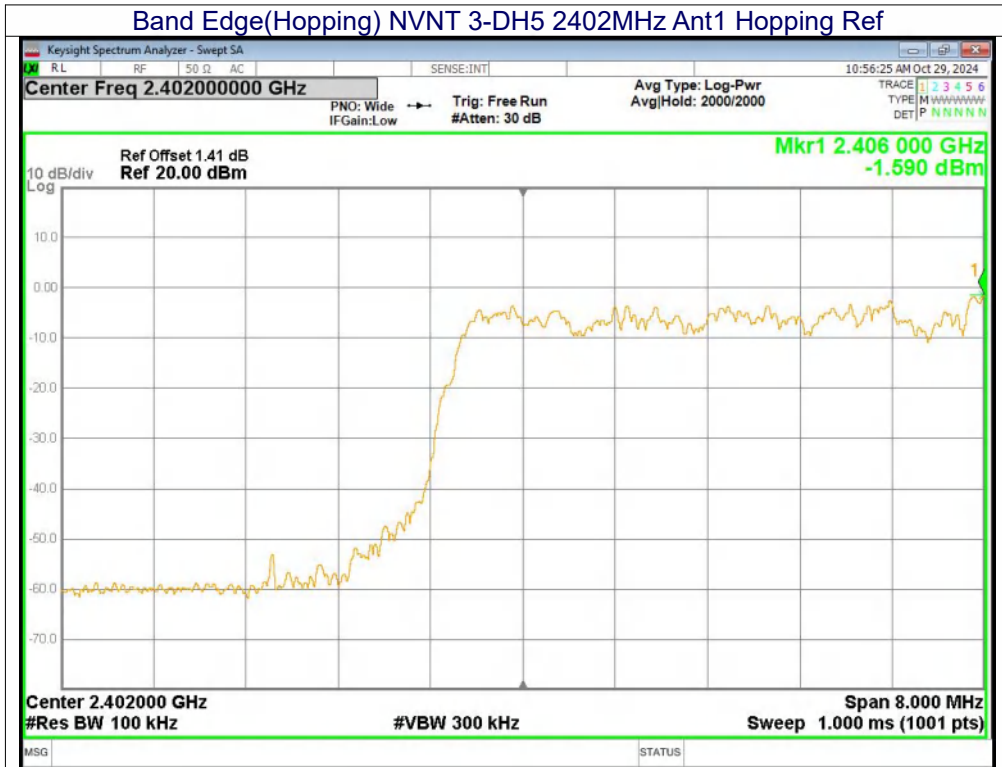
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

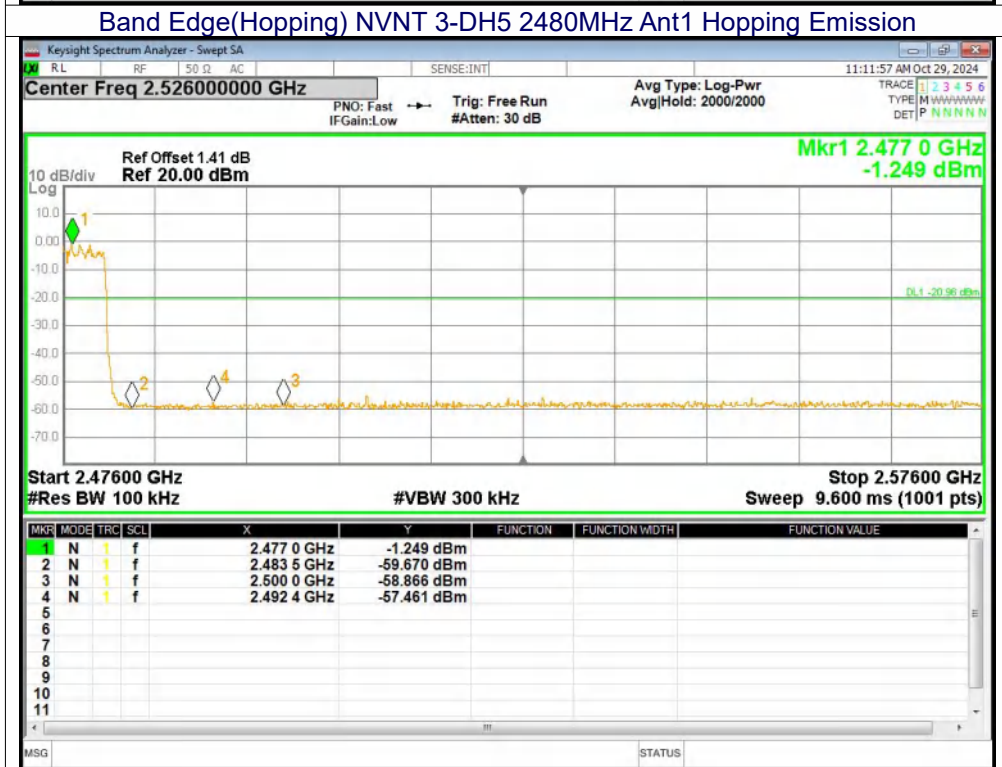
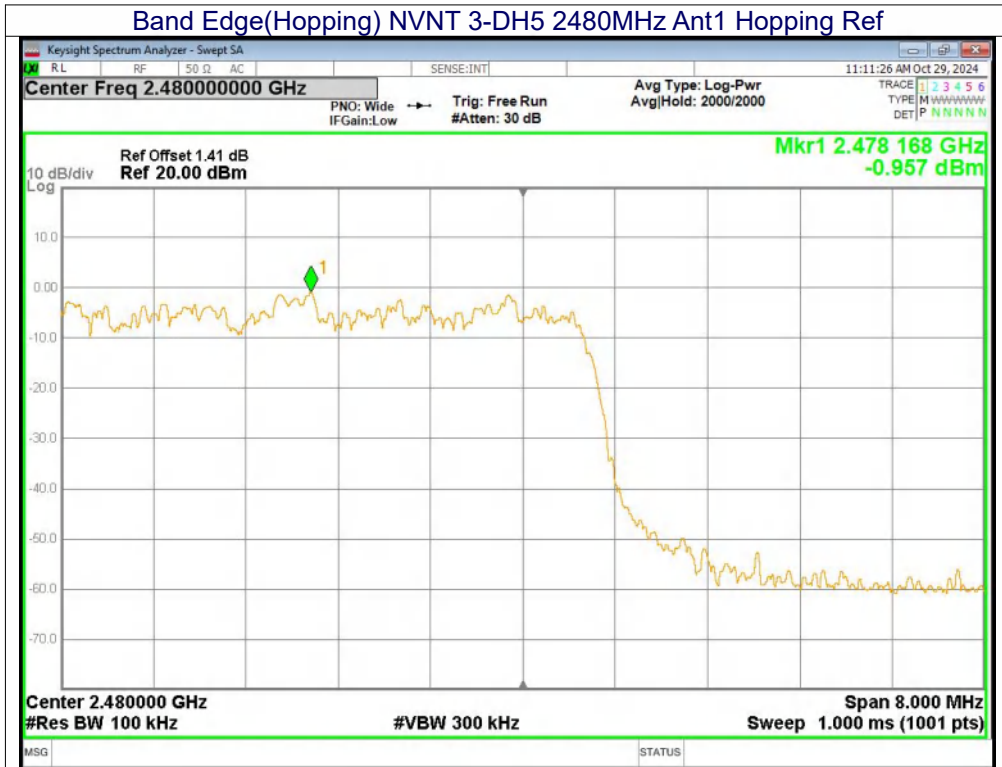












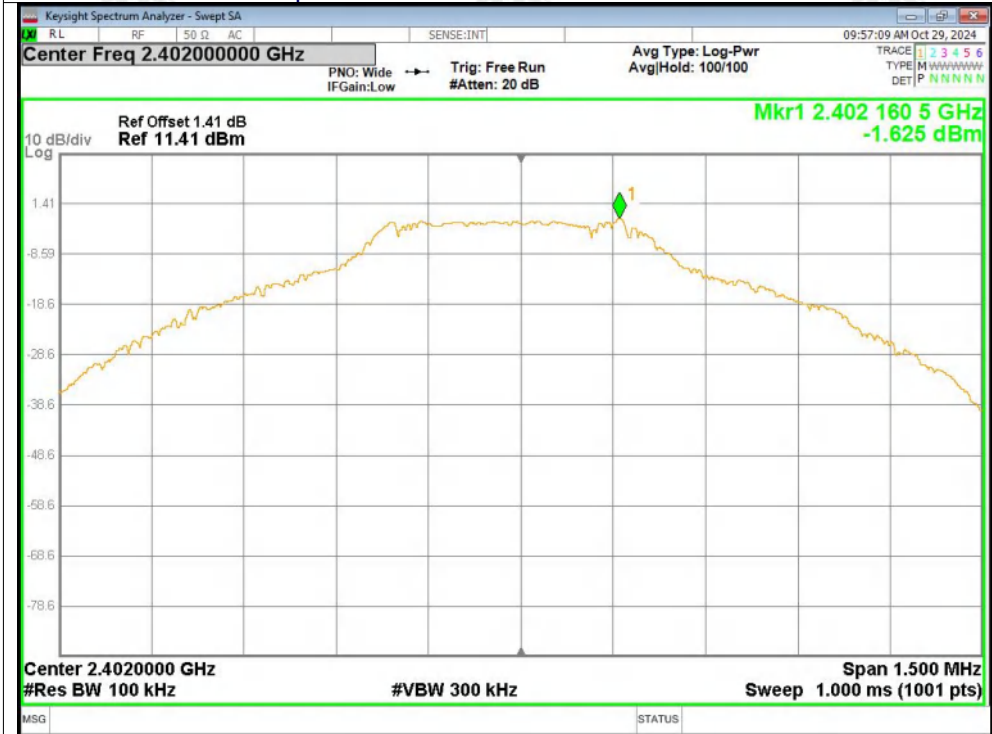


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-34.62	-20	Pass
NVNT	1-DH5	2441	Ant1	-35.54	-20	Pass
NVNT	1-DH5	2480	Ant1	-33.29	-20	Pass
NVNT	2-DH5	2402	Ant1	-37	-20	Pass
NVNT	2-DH5	2441	Ant1	-35.84	-20	Pass
NVNT	2-DH5	2480	Ant1	-32.94	-20	Pass
NVNT	3-DH5	2402	Ant1	-35.55	-20	Pass
NVNT	3-DH5	2441	Ant1	-35.22	-20	Pass
NVNT	3-DH5	2480	Ant1	-31.13	-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

