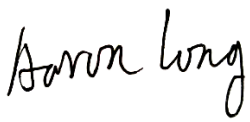
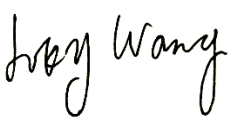
Product Name: Tablet	**Report No: ITEZA2-202400058RF2**
Product Model: T30 Max, T30 Max Cypher, T30 Max Flash, T30 Max Fire, T30 Max Storm, T30 Max Elite, T30 Max Nova	**Security Classification: Open**
Version: V1.0	**Total Page: 83**

TIRT Testing Report

Prepared By:	Checked By:	Approved By:	
Aaron Long	Stone Tang	Joky Wang	
			

RF TEST REPORT

FCC ID: 2AX4YT30MAX

According to

47 CFR FCC Part 15, Subpart C(Section 15.247)

ANSI C63.10:2013

Applicant:	Shenzhen DOOGEE Hengtong Technology CO.,LTD
Address:	B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22, Longhua New District, Shenzhen, China
Manufacturer:	Shenzhen DOOGEE Hengtong Technology CO.,LTD
Address:	B, 2/F, Building A4, Silicon Valley Power Digital Industrial Park, No. 22, Longhua New District, Shenzhen, China
Sample No:	1000029923
Product Name:	Tablet
Brand Name:	DOOGEE
Model No.:	T30 Max, T30 Max Cypher, T30 Max Flash, T30 Max Fire, T30 Max Storm, T30 Max Elite, T30 Max Nova
Test No.:	T30 Max

Date of Receipt:	2024/03/20
Date of Test:	2024/03/20~2024/04/12
Issued Date:	2024/04/12
Testing Lab:	TIRT

TABLE OF CONTENTS

History of this test report

Original Report Issue Date: 2024.04.12

● No additional attachment

○ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

Test Item	Standards Paragraph	Result
Maximum Peak Output Power	FCC Part 15: 15.247(b)(1) ANSI C63.10 :2013	P
Bandwidth	FCC Part 15: 15.215 ANSI C63.10 :2013	P
Carrier Frequency Separation	FCC Part 15: 15.247(a)(1) ANSI C63.10 :2013	P
Number Of Hopping Channel	FCC Part 15: 15.247(a)(1)(iii) ANSI C63.10 :2013	P
Dwell Time	FCC Part 15: 15.247(a)(1)(iii) ANSI C63.10 :2013	P
Radiated Emission	FCC Part 15: 15.209 FCC Part 15: 15.247(d) ANSI C63.10 :2013	P
Band Edge Compliance	FCC Part 15: 15.247(d) ANSI C63.10 :2013	P
Power Line Conducted Emissions	FCC Part 15: 15.207 ANSI C63.10 :2013	P
Antenna requirement	FCC Part 15: 15.203	P

Note: 1. P is an abbreviation for Pass.

2. F is an abbreviation for Fail.
3. N/A is an abbreviation for Not Applicable.
4. The conclusion of this test report is judged by actual test data without considering measurement uncertainty.

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT Name	:	Tablet
Model No.	:	T30 Max, T30 Max Cypher, T30 Max Flash, T30 Max Fire, T30 Max Storm, T30 Max Elite, T30 Max Nova
DIFF.	:	There is no difference except the name of the model. All tests are made with the T30 Max model.
Power supply	:	DC 3.8V from battery or DC 11V from adapter
Radio Technology	:	Bluetooth V5.0 EDR
Operation frequency	:	2402-2480MHz
Channel No.	:	79 Channels
Channel spacing	:	1MHz
Modulation type	:	GFSK, π/4 DQPSK, 8DPSK
Antenna Type	:	Internal antenna, Maximum Gain is 2.1dBi. Antenna information is provided by applicant.
Software version	:	DOOGEE-T30 Max-EEA-Android14.0-20240318
Hardware version	:	P3T_TV1.0_20240120
Intend use environment	:	Residential, commercial and light industrial environment

2.2. Accessories of Device (EUT)

Accessories	:	Adapter
Manufacturer	:	/
Model	:	TP303C-US
Ratings	:	Input: AC100-240V~ 50/60Hz 0.7A Max Output: USB-C: 5.0V⎓3.0A, 15.0W, 9.0V⎓3.0A, 27.0W, 12.0V⎓2.5A,30.0W, 15.0V⎓2.0A, 30.0W, 20.0V⎓1.5A, 30.0W, PPS: 5.0V-11.0V⎓3.0A 33.0W Power: 33.0W

2.3. Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification or SDoC
1.	--	--	--	--	--

2.4. Block Diagram of connection between EUT and simulators

2.5. Test Mode Description

Tested mode, channel information		
Mode	**Channel**	**Frequency (MHz)**
GFSK	Low :CH1	2402
	Middle: CH40	2441
	High: CH79	2480
π/4 DQPSK	Low :CH1	2402
	Middle: CH40	2441
	High: CH79	2480
8DPSK	Low :CH1	2402
	Middle: CH40	2441
	High: CH79	2480

2.6. Test Conditions

Items	Required	Actual
Temperature range:	15-35℃	24℃
Humidity range:	25-75%	56%
Pressure range:	86-106kPa	980kPa

2.7. Test Facility

Company:	Beijing TIRT Technology Service Co.,Ltd Shenzhen
Address:	104 Building C, Xinmingsheng Industrial Park No.132, Zhangge Old Village East Zone, Zhangge Community, Fucheng Street, Longhua District, Shenzhen, Guangdong, P. R. China
CNAS Registration Number:	CNAS L14158
A2LA Registration Number:	6049.01
FCC Accredited Lab.Designation Number:	CN1366
FCC Test Firm Registration Number:	820690
Telephone:	+86-0755-27087573

2.8. Measurement Uncertainty

(95% confidence levels, k=2)

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	±142.12 KHz
RF power conducted	±0.74 dB
RF power radiated	±3.25dB
Spurious emissions, conducted	±1.78dB
Spurious emissions, radiated (9KHz~30MHz)	±2.56dB
Spurious emissions, radiated (30MHz～1GHz)	±4.6dB
Spurious emissions, radiated (Above 1GHz)	±4.9dB
Conduction Emissions(150kHz~30MHz)	±3.1 dB
Humidity	±4.6%
Temperature	±0.7°C
Time	±1.25

2.9. Test Equipment List

Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI Receiver	Rohde&Schwarz	ESIB 40	YH-TIRT-SAC-966-20220911	2024/01/05	2025/01/04
Integral Antenna	Schwarzbeck	VULB 9163	01314	2022.12.11	2024.12.10
Integral Antenna	Rohde&Schwarz	HF907	RSM2991424	2022.12.11	2024.12.10
Preamplifier	Emtrace	RP01A	'02017	2024/01/05	2025/01/04
Preamplifier	Schwarzbeck	BBV9744	00143	2024/01/05	2025/01/04
Loop Antenna	ZHINAN	ZN30900A	12024	2024/01/05	2025/01/04
Exposure Level Tester	narda	ELT-400	N-0925	2024/01/05	2025/01/04
Horn Antenna	Schwarzbeck	BBHA9170	00956	2024/01/05	2025/01/04
RF Cable	/	LMR400UF-NMNM-7.0M	/	2024/01/05	2025/01/04
RF Cable	/	SFT2050PUR-NMNM-7.0M	/	2024/01/05	2025/01/04
EMI Receiver	Rohde&Schwarz	ESR7	1316.3003K07-102611-mk	2023/11/02	2024/11/01
LISN	Rohde&Schwarz	ENV216	3560.655.12-102915-Bp	2023/11/02	2024/11/01
ISN	Schwarzbeck	ENY81	1309.8510.03	2024/01/05	2025/01/04
ISN	Schwarzbeck	ENY81-CAT6	1309.8526.03-101976-kh	2024/01/05	2025/01/04
RF Cable	\	SFT2050PUR-NMNM-2.0M	\	2024/01/05	2025/01/04
CMW500	ROHDE&SCHWARZ	CMW500	120434	2024/01/05	2025/01/04
Spectrum analyzer	ROHDE&SCHWARZ	FSU26	200732	2024/01/05	2025/01/04
Spectrum analyzer	ROHDE&SCHWARZ	FSV40-N	101722	2024/01/05	2025/01/04
vector Signal Generator	KEYSIGHT	N5182B	MY56200458	2024/01/05	2025/01/04
vector Signal Generator	HEWLETT PACKARD	83752A	3610A02458	2024/01/05	2025/01/04

Filter	HEWLETT PACKARD	JS0806-F	19K8060209	2024/01/05	2025/01/04
Wireless comprehensive tester	ANRISTU	MT8821C	SN6262170409	2024/01/05	2025/01/04
Wireless comprehensive tester	ANRISTU	MT8000A	SN6262166782	2024/01/05	2025/01/04

3. MAXIMUM PEAK OUTPUT POWER

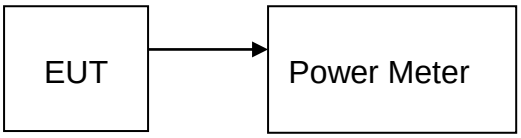
3.1. Limit

Please refer section15.247.
For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts, the e.i.r.p shall not exceed 4W

3.2. Test Procedure

The transmitter output is connected to the RF Power Meter. The RF Power Meter is set to the peak power detection.

3.3. Test Setup



3.4. Test Result

Mode	Freq(MHz)	PK Output Power(dBm)	Limit(dBm)	Result
GFSK	2402	3.81	30	Pass
	2441	6.01	30	Pass
	2480	5.22	30	Pass
π/4 DQPSK	2402	3.83	21	Pass
	2441	5.83	21	Pass
	2480	5.58	21	Pass
8DPSK	2402	3.88	21	Pass
	2441	5.83	21	Pass
	2480	5.62	21	Pass

4. BANDWIDTH

4.1. Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

4.2. Test Procedure

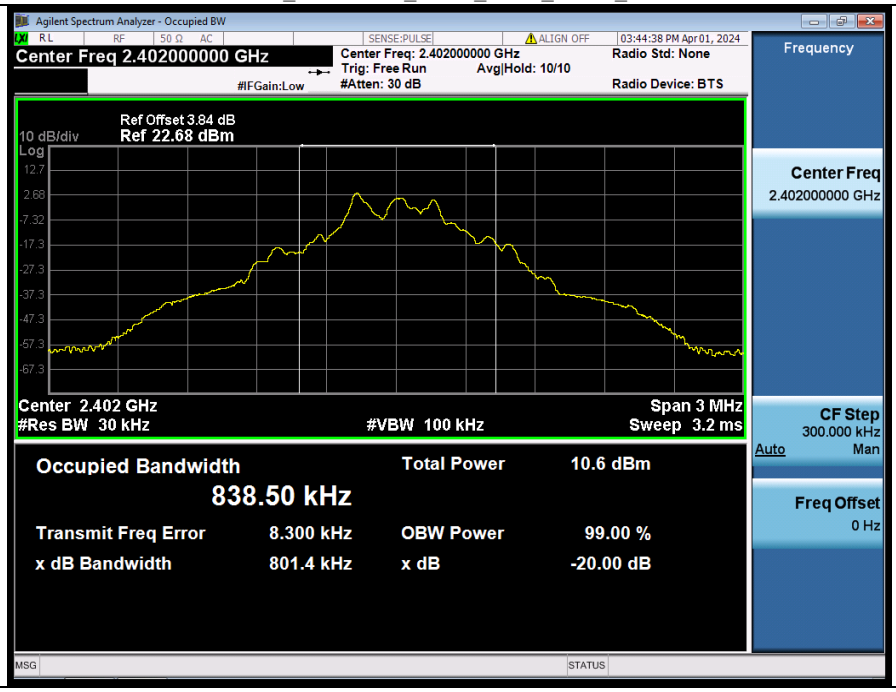
The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 30kHz RBW and 100kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

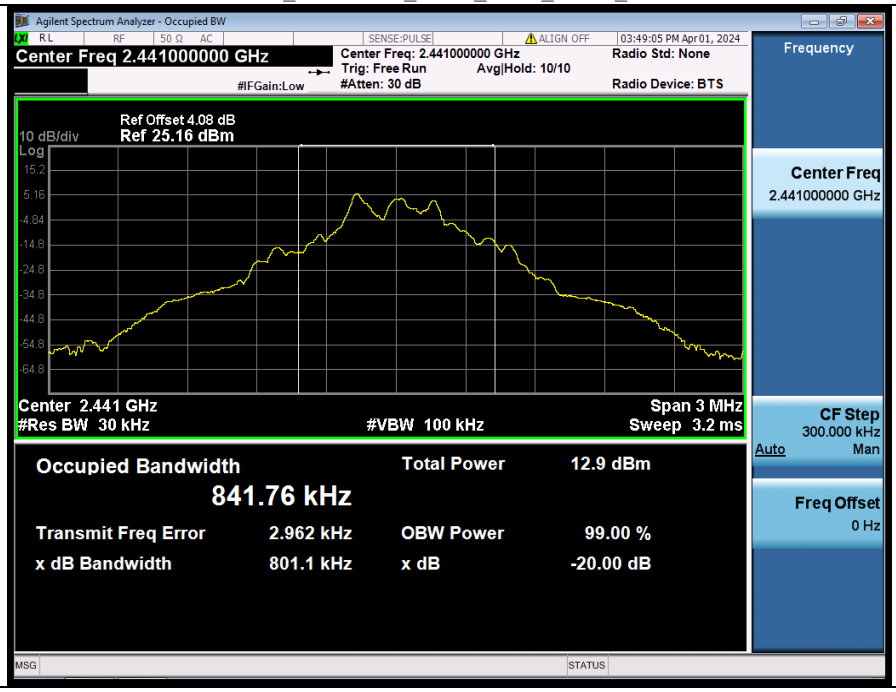
4.3. Test Result

-20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.801	No
NVNT	ANT1	1-DH1	2441.00	0.801	No
NVNT	ANT1	1-DH1	2480.00	0.800	No
NVNT	ANT1	2-DH1	2402.00	1.112	Yes
NVNT	ANT1	2-DH1	2441.00	1.114	Yes
NVNT	ANT1	2-DH1	2480.00	1.113	Yes
NVNT	ANT1	3-DH1	2402.00	1.165	Yes
NVNT	ANT1	3-DH1	2441.00	1.167	Yes
NVNT	ANT1	3-DH1	2480.00	1.167	Yes

-20dB_Bandwidth_NVNT_ANT1_1-DH1_2402



-20dB_Bandwidth_NVNT_ANT1_1-DH1_2441


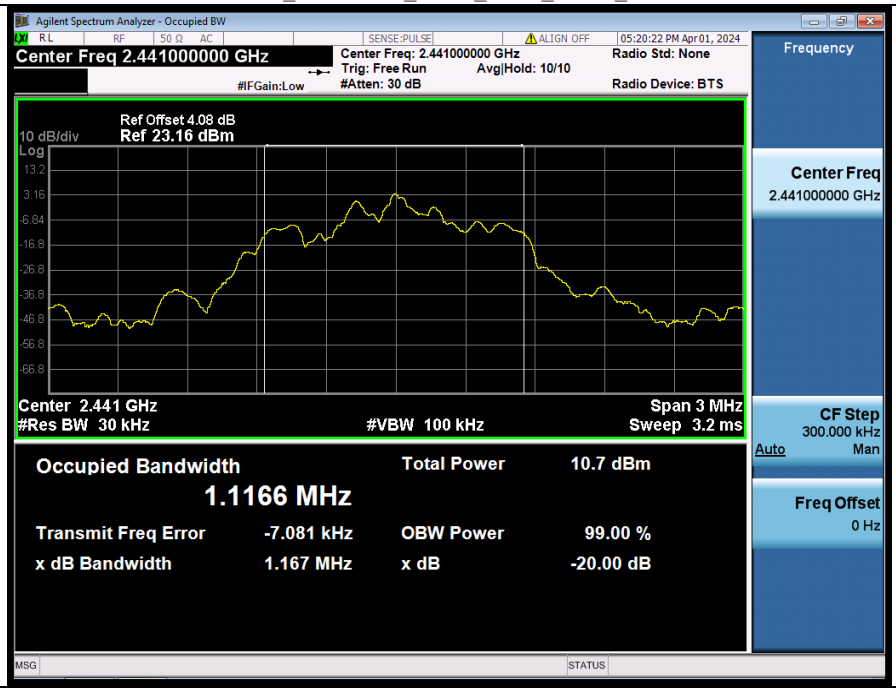
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441


-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480

-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402

-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480


99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.841
NVNT	ANT1	1-DH1	2441.00	0.841
NVNT	ANT1	1-DH1	2480.00	0.845
NVNT	ANT1	2-DH1	2402.00	1.073
NVNT	ANT1	2-DH1	2441.00	1.073
NVNT	ANT1	2-DH1	2480.00	1.073
NVNT	ANT1	3-DH1	2402.00	1.116
NVNT	ANT1	3-DH1	2441.00	1.116
NVNT	ANT1	3-DH1	2480.00	1.116

99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2402


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2441


99%_Occupied_Bandwidth_NVNT_ANT1_1-DH1_2480


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2402


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2441


99%_Occupied_Bandwidth_NVNT_ANT1_2-DH1_2480


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH1_2402


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH1_2441


99%_Occupied_Bandwidth_NVNT_ANT1_3-DH1_2480


5. CARRIER FREQUENCY SEPARATION

5.1. Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, 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

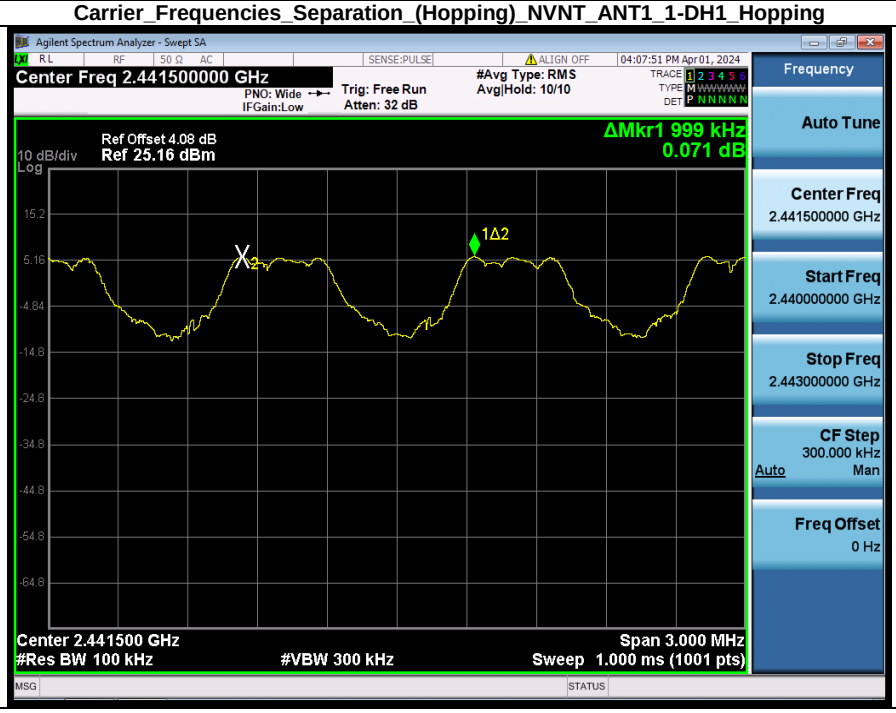
5.2. Test Procedure

The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The carrier frequency was measured by spectrum analyzer with 30kHz RBW and 100kHz VBW.

5.3. Test Result

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2441.00	2440.834	2441.833	1.00	0.801	Pass
NVNT	ANT1	2-DH1	2441.00	2441.161	2442.157	1.00	0.743	Pass
NVNT	ANT1	3-DH1	2441.00	2440.834	2441.833	1.00	0.778	Pass

Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping


6. NUMBER OF HOPPING CHANNEL

6.1. Limit

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels

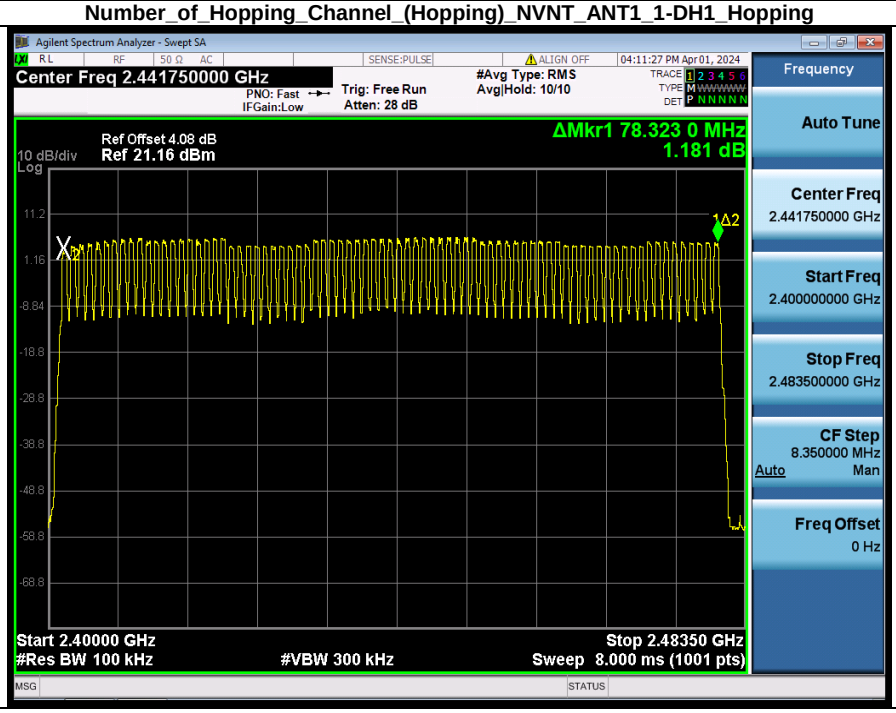
6.2. Test Procedure

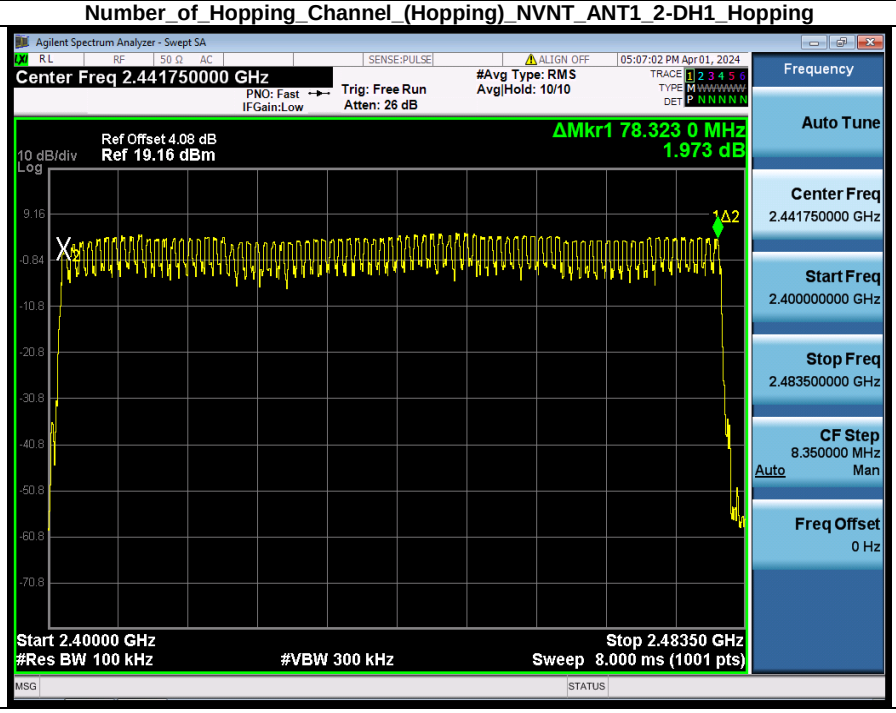
The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The number of hopping channel was measured by spectrum analyzer with 100kHz RBW and 300KHz VBW.

6.3. Test Result

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass
NVNT	ANT1	2-DH1	79	15	Pass
NVNT	ANT1	3-DH1	79	15	Pass

Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_2-DH1_Hopping


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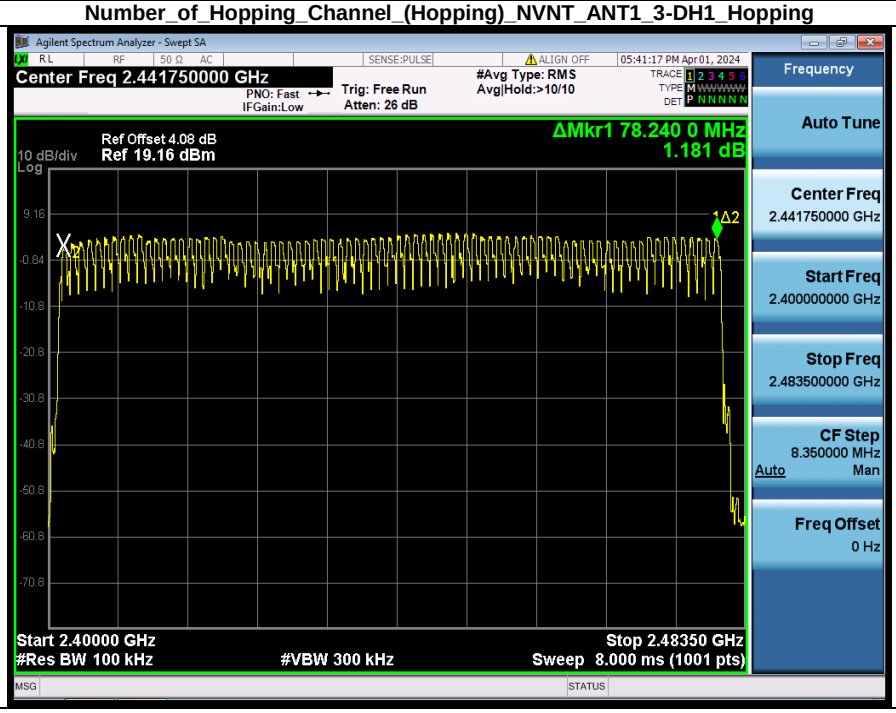


7. DWELL TIME

7.1. Test limit

Please refer section15.247
According to §15.247(a)(1)(iii), Frequency hopping systems operating in the 2400MHz-2483.5 MHz. The average time of occupancy on any frequency shall not greater than 0.4 s within period of 0.4 sec- onds multiplied by the number of hopping channel employed.

7.2. Test Procedure

7.2.1. Place the EUT on the table and set it in transmitting mode.

7.2.2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

7.2.3. Set center frequency of spectrum analyzer = operating frequency.

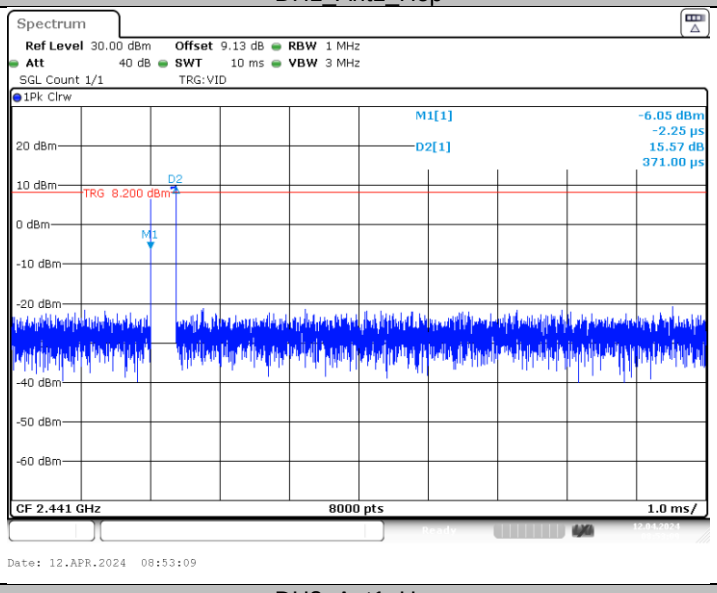
7.2.4. Set the spectrum analyzer as RBW=1MHz, VBW=1MHz, Span = 0Hz, Sweep = auto.

7.2.5. Repeat above procedures until all frequency measured were complete.

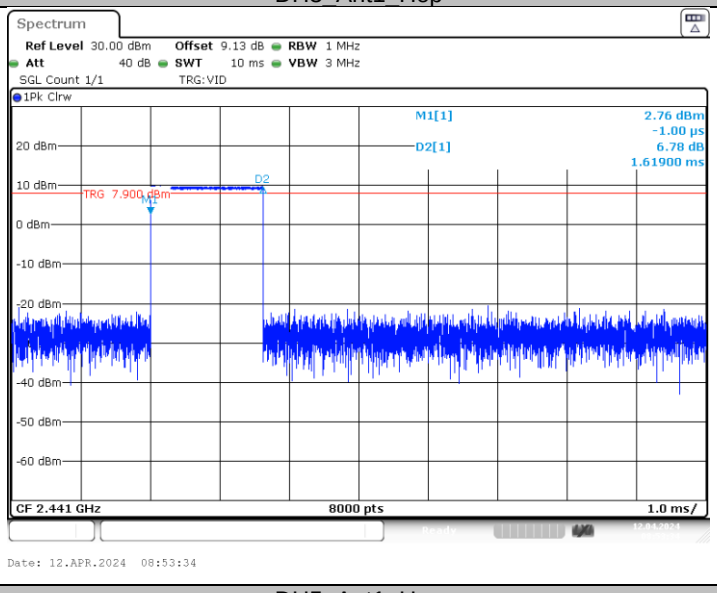
7.3. Test Result

TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.371	320	0.119	≤0.4	PASS
DH3	Ant1	Hop	1.619	160	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.859	106.67	0.305	≤0.4	PASS
2DH1	Ant1	Hop	0.379	320	0.121	≤0.4	PASS
2DH3	Ant1	Hop	1.624	160	0.26	≤0.4	PASS
2DH5	Ant1	Hop	2.865	106.67	0.306	≤0.4	PASS
3DH1	Ant1	Hop	0.380	320	0.122	≤0.4	PASS
3DH3	Ant1	Hop	1.623	160	0.26	≤0.4	PASS
3DH5	Ant1	Hop	2.867	106.67	0.306	≤0.4	PASS

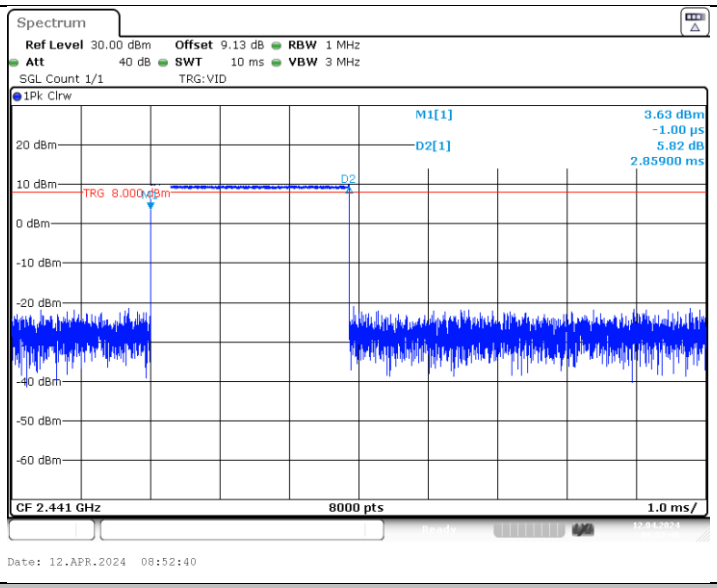
DH1_Ant1_Hop



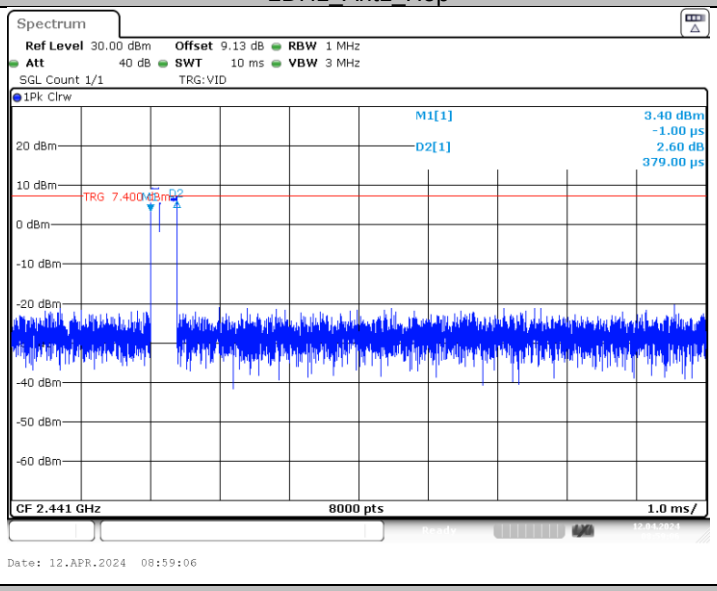
DH3_Ant1_Hop



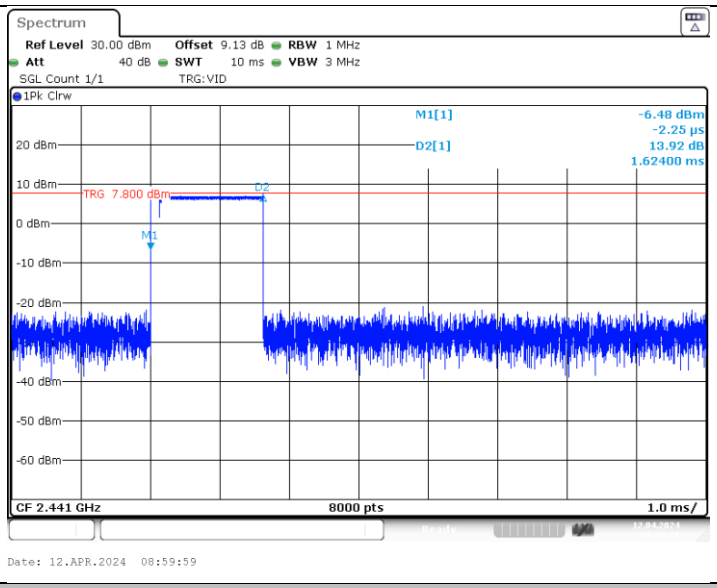
DH5_Ant1_Hop



2DH1_Ant1_Hop



2DH3_Ant1_Hop



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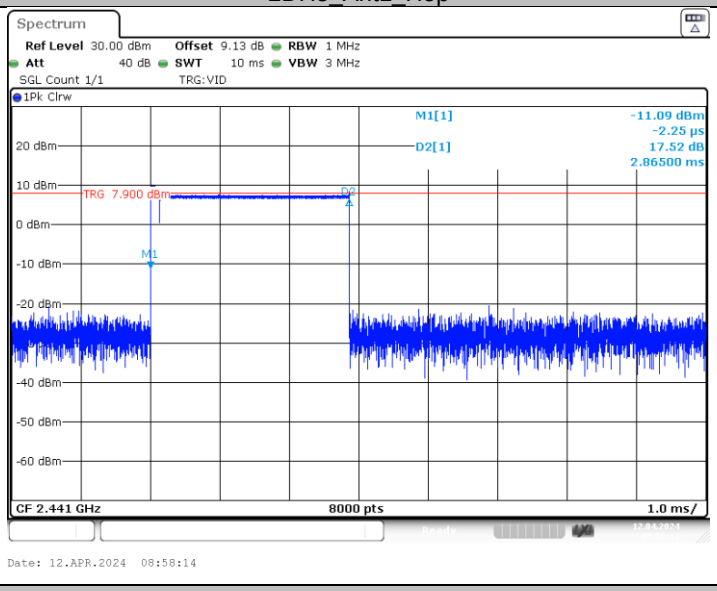
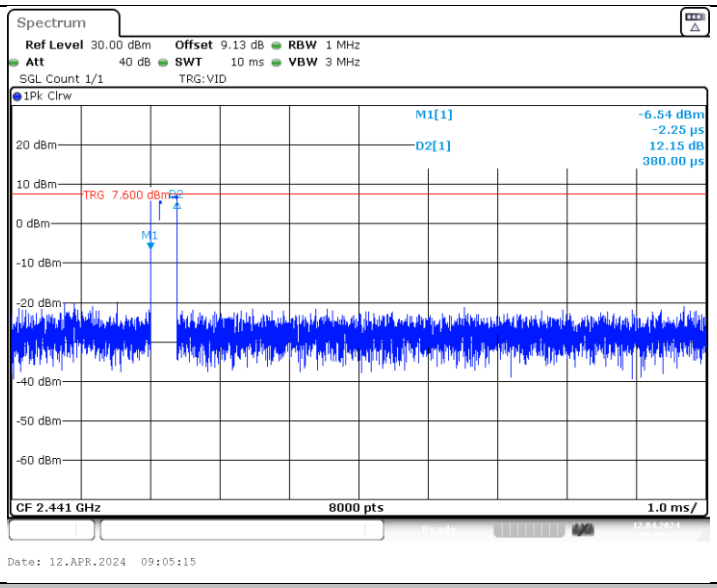


3DH1_Ant1_Hop



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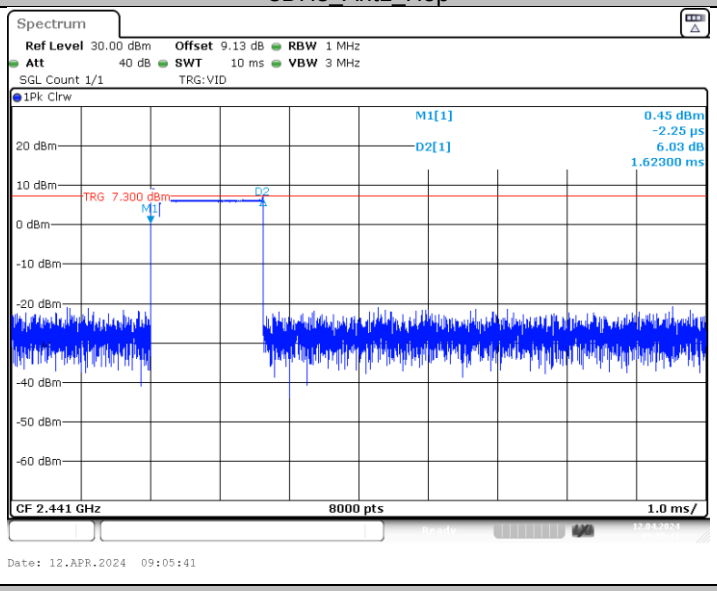

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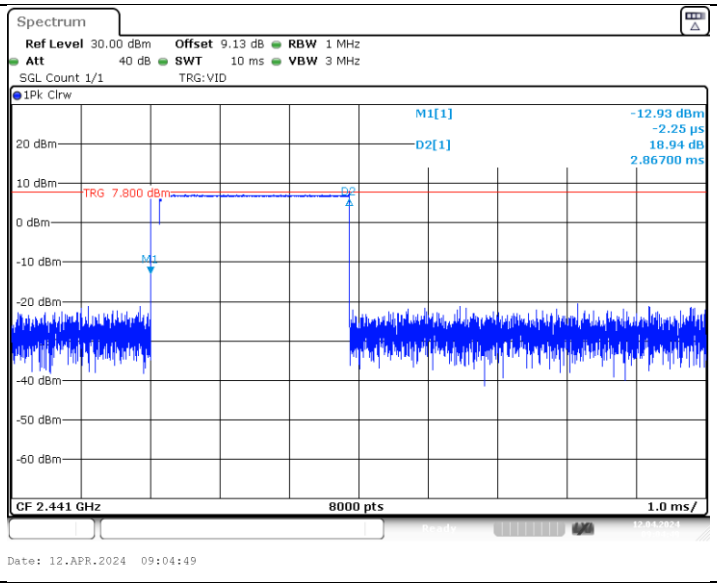

Spectrum
Ref Level 30.00 dBm Offset 9.13 dB RBW 1 MHz
Att 40 dB SWT 10 ms VBW 3 MHz
SGL Count 1/1 TRG:VID
1Pk Clrw
M1[1] -12.93 dBm
-2.25 µs
D2[1] 18.94 dB
2.86700 ms
20 dBm
10 dBm
TRG 7.800 dBm
D2
0 dBm
M1
-10 dBm
-20 dBm
-40 dBm
-50 dBm
-60 dBm
CF 2.441 GHz
8000 pts
1.0 ms/
Date: 12.APR.2024 09:04:49

8. RADIATED EMISSIONS

8.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

15.205 Restricted frequency band

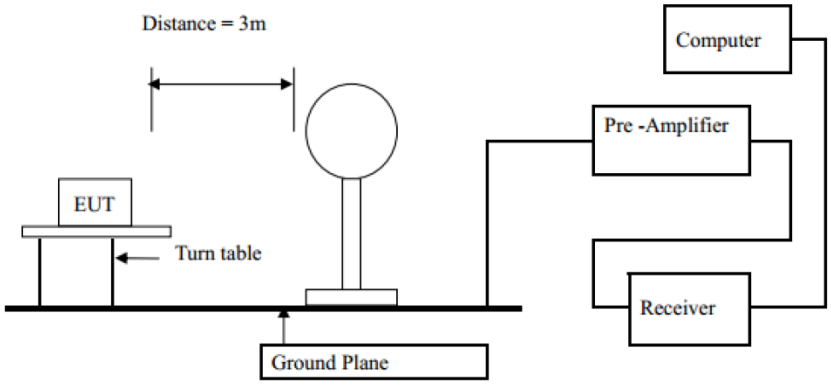
MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

15.209 Limit

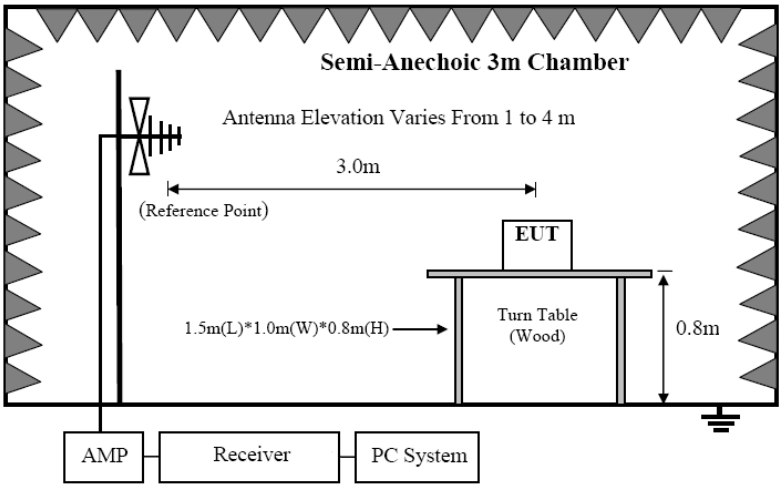
FREQUENCY MHz		DISTANCE Meters	FIELD STRENGTHS LIMIT	
			μV/m	dB(μV)/m
0.009-0.490		300	2400/F(KHz)	/
0.490-1.705		30	24000/F(KHz)	/
1.705-30		30	30	29.5
30	88	3	100	40.0
88	216	3	150	43.5
216	960	3	200	46.0
960	1000	3	500	54.0
Above	1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

8.2. Block Diagram of Test setup

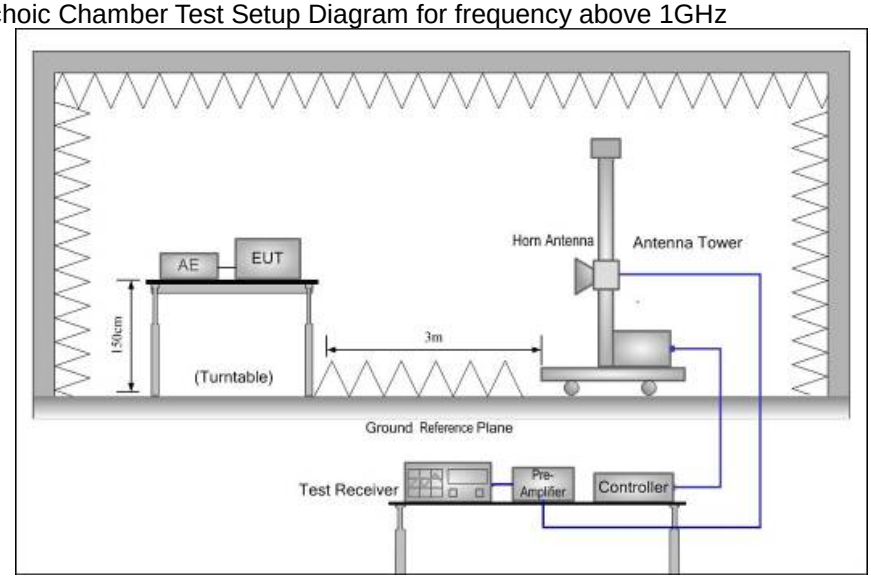
8.2.1 In 3m Anechoic Chamber Test Setup Diagram for below 30MHz



8.2.1 In 3m Anechoic Chamber Test Setup Diagram for below 1GHz



8.2.2 In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz



Note: For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP.

8.3. Test Procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.
(2) Setup EUT and simulator as shown in section 1.4 and 6.1
(3) Test antenna was located 3m from the EUT on an adjustable mast. Below pre-scan procedure was first performed in order to find prominent radiated emissions.
(a) Change work frequency or channel of device if practicable.
(b) Change modulation type of device if practicable.
(c) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions
(4) Spectrum frequency from 9KHz to 25GHz (tenth harmonic of fundamental frequency) was investigated
(5) For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013on Radiated Emission test.
(6) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz for Peak measure; RBW is set at 1MHz, VBW is set at 10Hz for Average measure.

8.4. Test Result

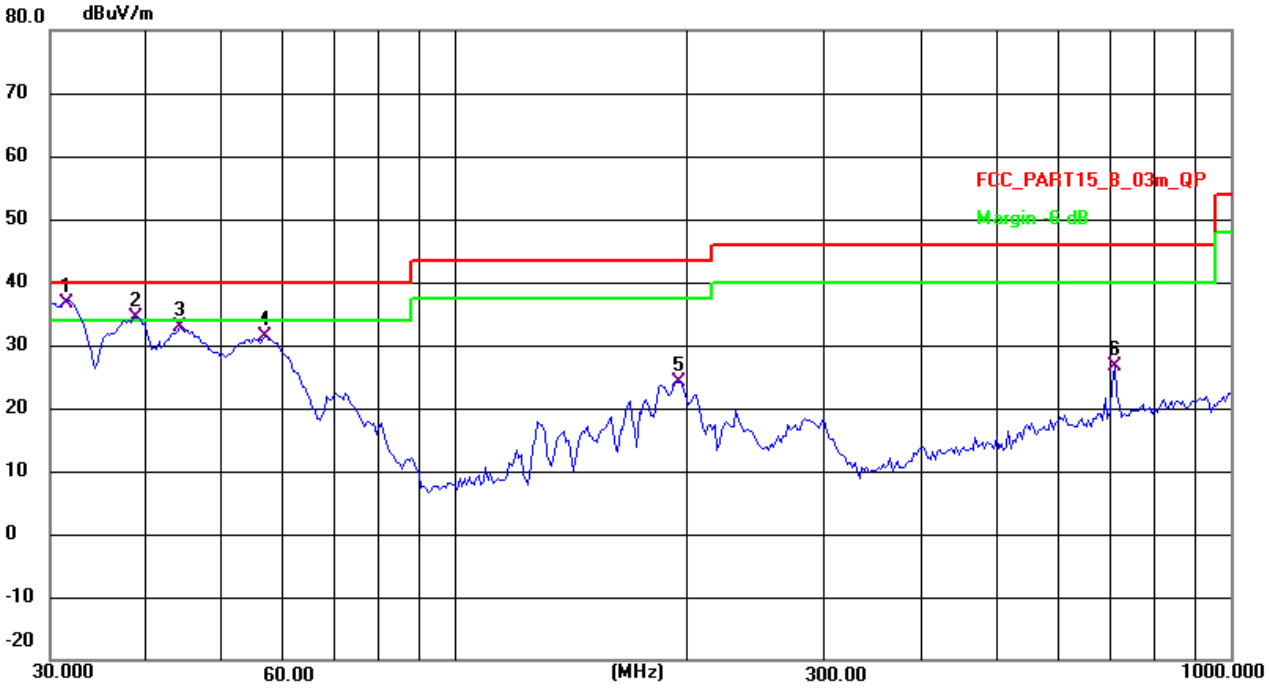
We have scanned the 10th harmonic from 9KHz to the EUT's highest frequency.
Detailed information please see the following page.

From 9KHz to 30MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

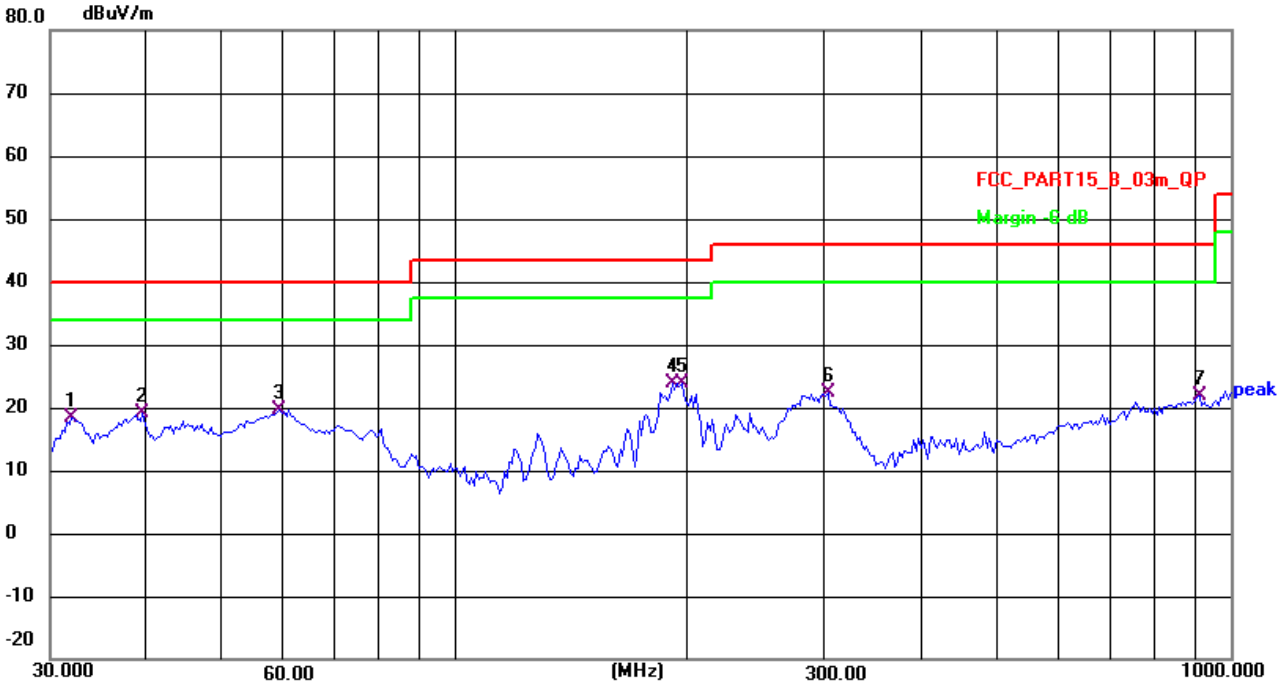
From 30MHz to 1000MHz: Conclusion: PASS

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	31.5126	56.68	-20.10	36.58	40.00	-3.42	QP	100	360	P	
2 !	38.6357	53.85	-19.38	34.47	40.00	-5.53	QP	100	360	P	
3	44.1544	52.24	-19.46	32.78	40.00	-7.22	QP	100	360	P	
4	56.8644	51.61	-20.11	31.50	40.00	-8.50	QP	100	360	P	
5	194.4985	48.62	-24.48	24.14	43.50	-19.36	QP	100	360	P	
6	708.6941	38.96	-12.34	26.62	46.00	-19.38	QP	100	360	P	

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	31.9586	38.41	-20.07	18.34	40.00	-21.66	QP	200	0	P	
2	39.4588	38.42	-19.26	19.16	40.00	-20.84	QP	200	0	P	
3	59.3133	39.80	-20.25	19.55	40.00	-20.45	QP	200	0	P	
4 *	190.4411	48.13	-24.17	23.96	43.50	-19.54	QP	200	0	P	
5	195.8701	48.49	-24.59	23.90	43.50	-19.60	QP	200	0	P	
6	302.8193	44.77	-22.33	22.44	46.00	-23.56	QP	200	0	P	
7	912.6953	30.68	-8.75	21.93	46.00	-24.07	QP	200	0	P	

Remark: All modes have been tested, and only worst data of GFSK mode, Channel 2402MHz was listed in this report.

From 1G-25GHz
All modes had been tested, only show the worst mode GFSK

Test Mode: GFSK TX Low									
Freq (MHz)	Read Level (dBuV/m)	Polar (H/V)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4804	48.20	V	33.93	10.18	34.26	57.21	74	-16.79	PK
4804	36.93	V	33.93	10.18	34.26	46.90	54	-7.10	AV
7206	/	/	/	/	/	/	/	/	/
9608	/	/	/	/	/	/	/	/	/
4804	48.96	H	33.93	10.18	34.26	58.81	74	-15.19	PK
4804	36.02	H	33.93	10.18	34.26	45.87	54	-8.13	AV
7206	/	/	/	/	/	/	/	/	/
9608	/	/	/	/	/	/	/	/	/
Test Mode: GFSK TX Mid									
4882	50.23	V	33.95	10.20	34.26	60.12	74	-13.88	PK
4882	37.02	V	33.95	10.20	34.26	46.91	54	-7.09	AV
7323	/	/	/	/	/	/	/	/	/
9764	/	/	/	/	/	/	/	/	/
4882	50.12	H	33.95	10.20	34.26	60.01	74	-13.99	PK
4882	34.52	H	33.95	10.20	34.26	47.75	54	-6.25	AV
7323	/	/	/	/	/	/	/	/	/
9764	/	/	/	/	/	/	/	/	/
Test Mode: GFSK TX High									
4960	49.85	V	33.98	10.22	34.25	59.80	74	-14.20	PK
4960	35.62	V	33.98	10.22	34.25	45.57	54	-8.43	AV
7440	/	/	/	/	/	/	/	/	/
9920	/	/	/	/	/	/	/	/	/
4960	50.23	H	33.98	10.22	34.25	60.18	74	-13.82	PK
4960	35.33	H	33.98	10.22	34.25	45.28	54	-8.72	AV
7440	/	/	/	/	/	/	/	/	/
9920	/	/	/	/	/	/	/	/	/

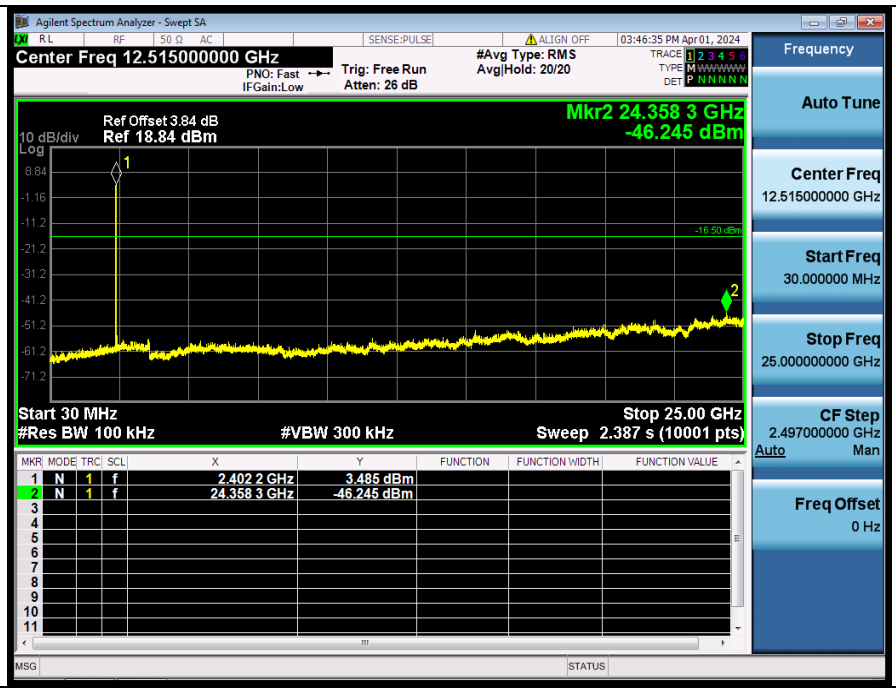
Note:
1, Result = Read level + Antenna factor + cable loss-Amp factor
2, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

Conducted RF Spurious Emission

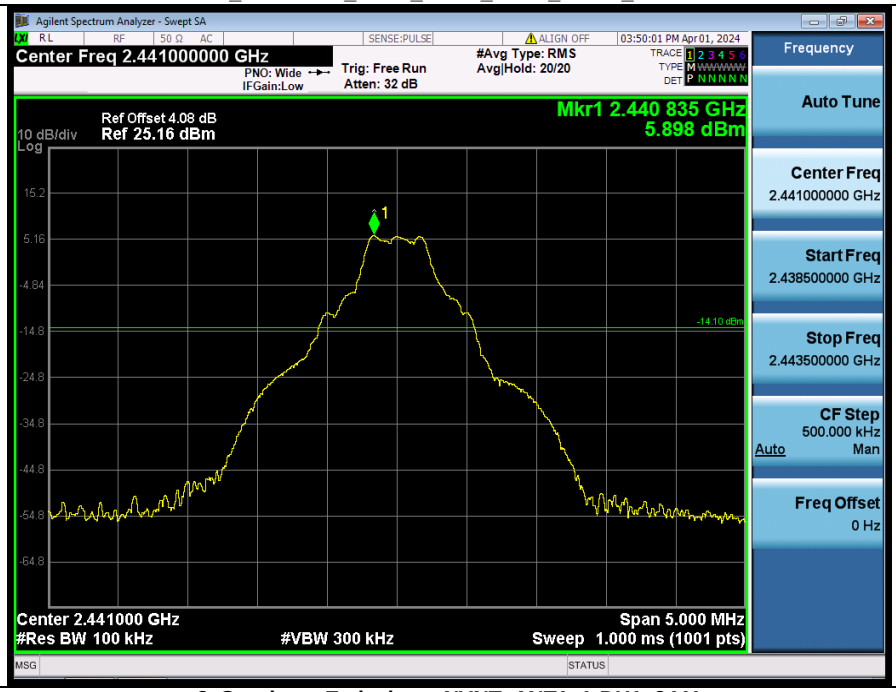
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-46.245	-16.499	Pass
NVNT	ANT1	1-DH1	2441.00	-44.969	-14.102	Pass
NVNT	ANT1	1-DH1	2480.00	-49.774	-14.866	Pass
NVNT	ANT1	2-DH1	2402.00	-53.824	-17.920	Pass
NVNT	ANT1	2-DH1	2441.00	-46.854	-16.035	Pass
NVNT	ANT1	2-DH1	2480.00	-46.321	-16.173	Pass
NVNT	ANT1	3-DH1	2402.00	-53.286	-17.930	Pass
NVNT	ANT1	3-DH1	2441.00	-51.018	-15.911	Pass
NVNT	ANT1	3-DH1	2480.00	-46.506	-15.999	Pass

1_Reference_Level_NVNT_ANT1_1-DH1_2402

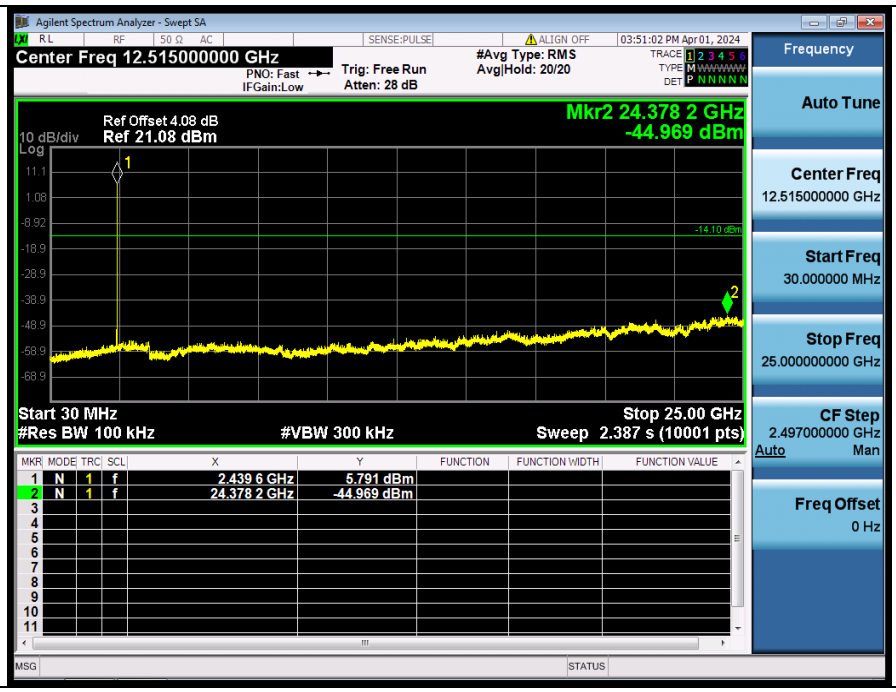
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402



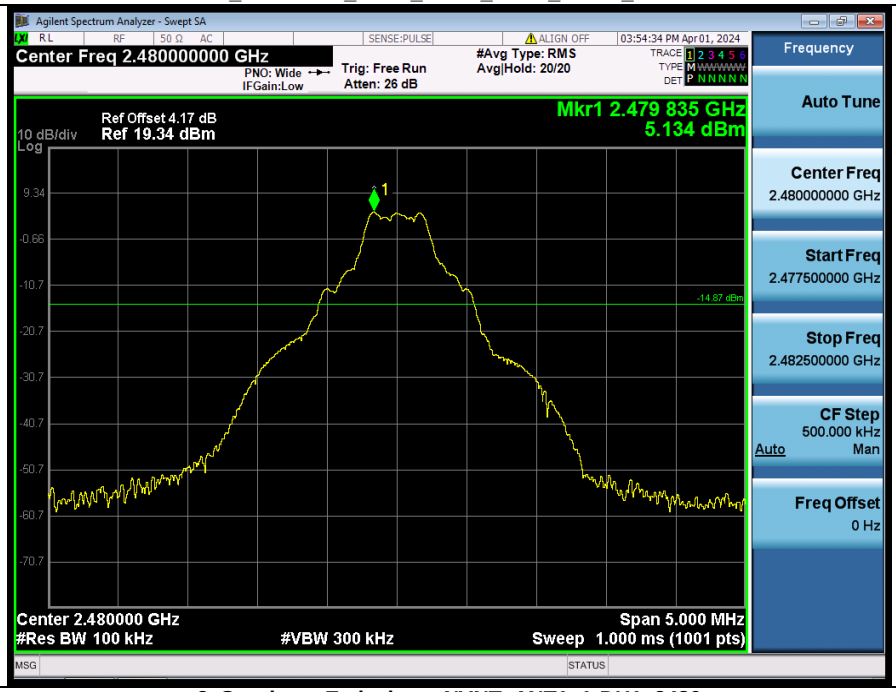
1_Reference_Level_NVNT_ANT1_1-DH1_2441



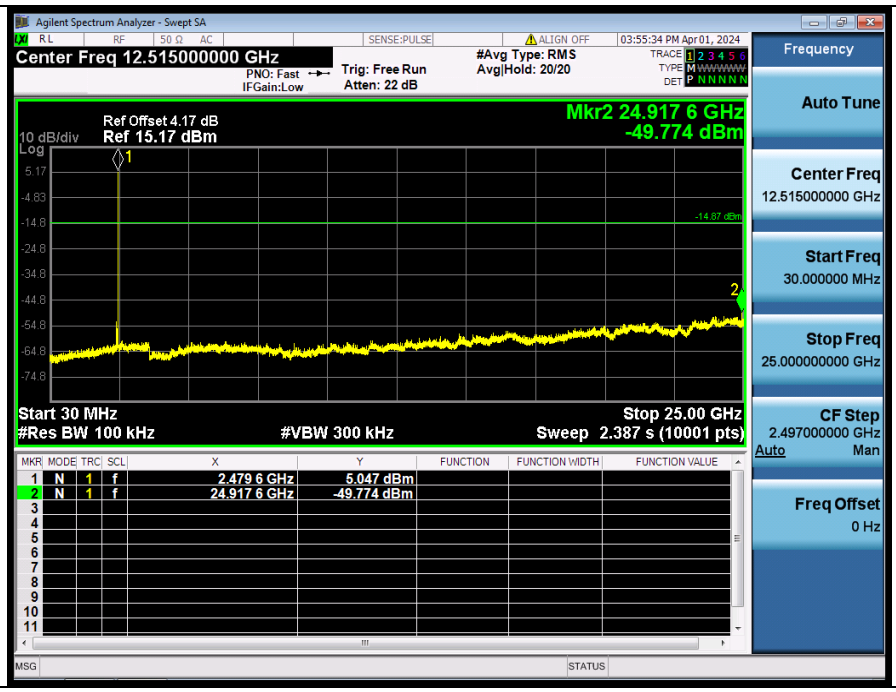
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



1_Reference_Level_NVNT_ANT1_1-DH1_2480



2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480



1_Reference_Level_NVNT_ANT1_2-DH1_2402

2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402