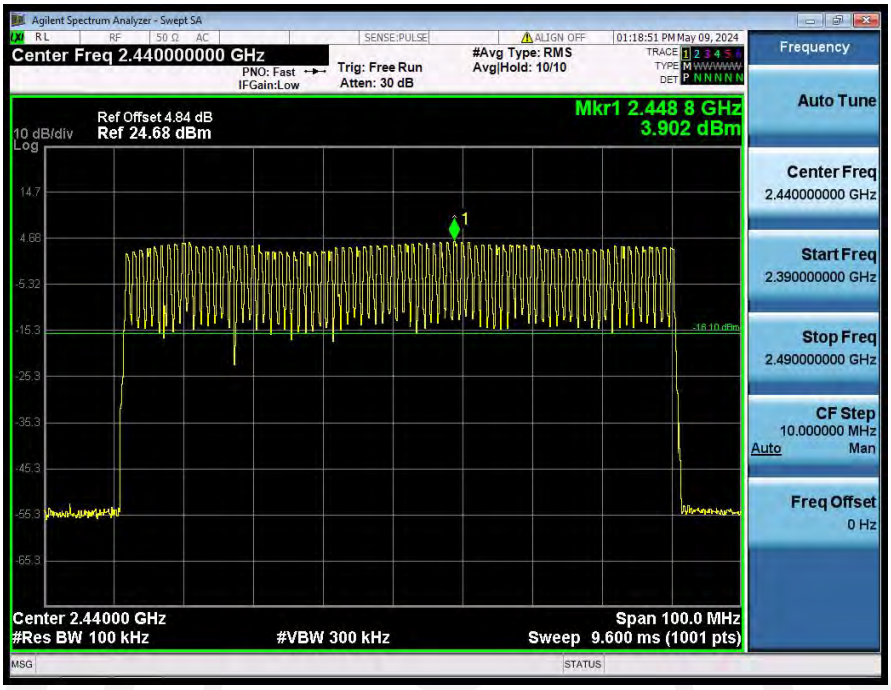
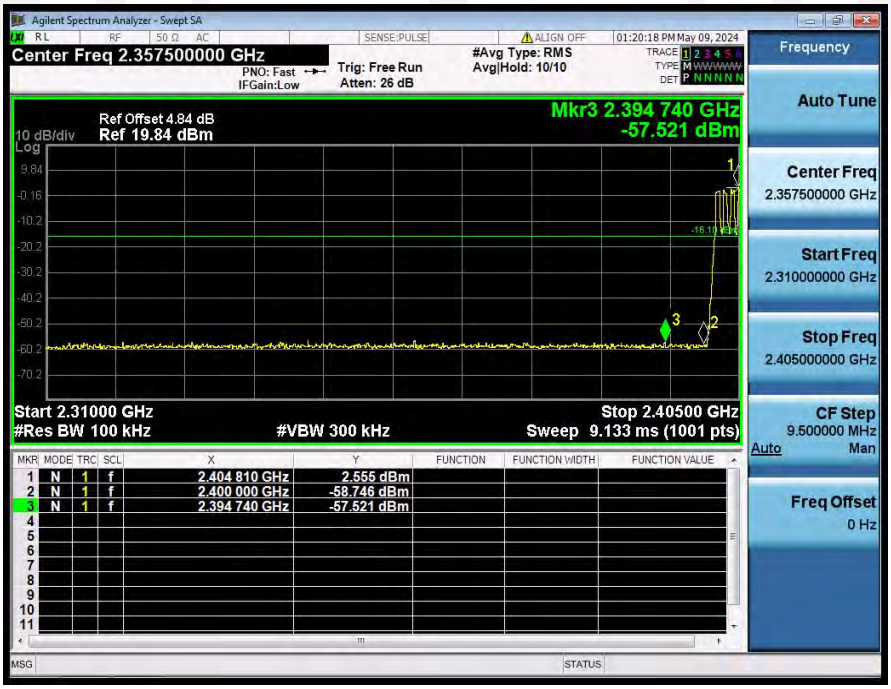
1_Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping

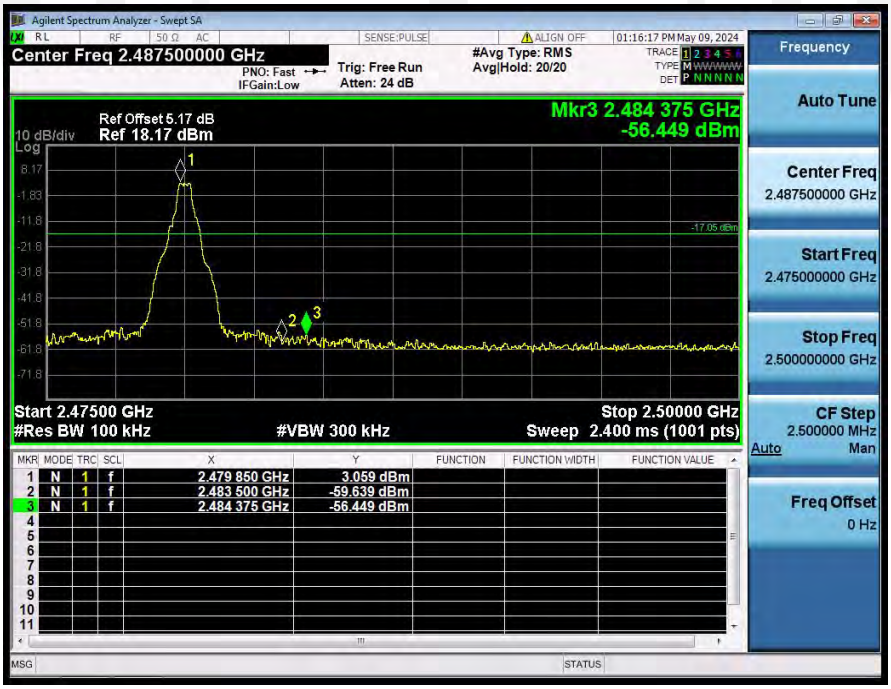


2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



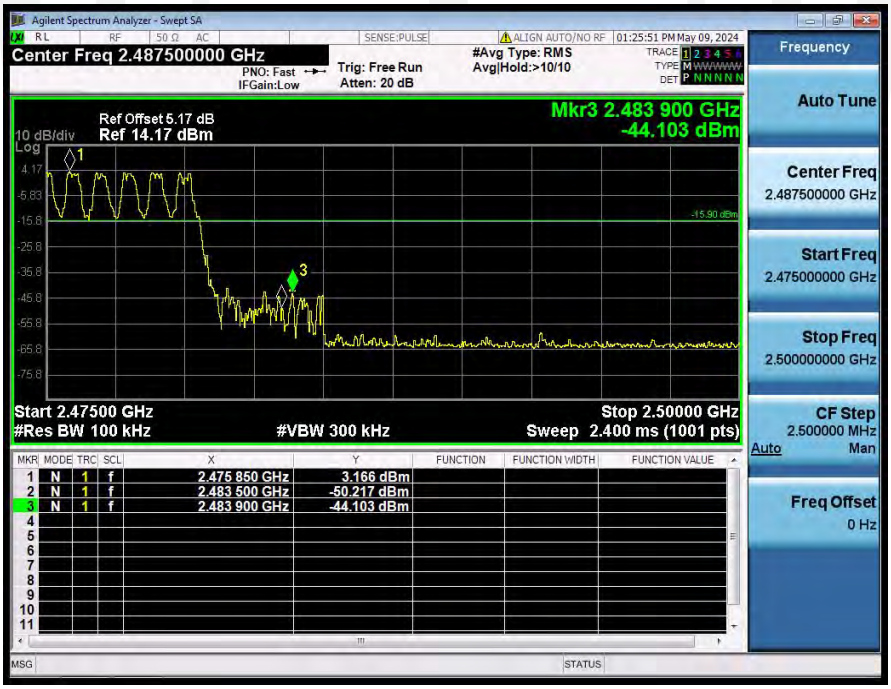
1_Reference_Level_NVNT_ANT1_1-DH1_2480

2_Bandedge_NVNT_ANT1_1-DH1_2480



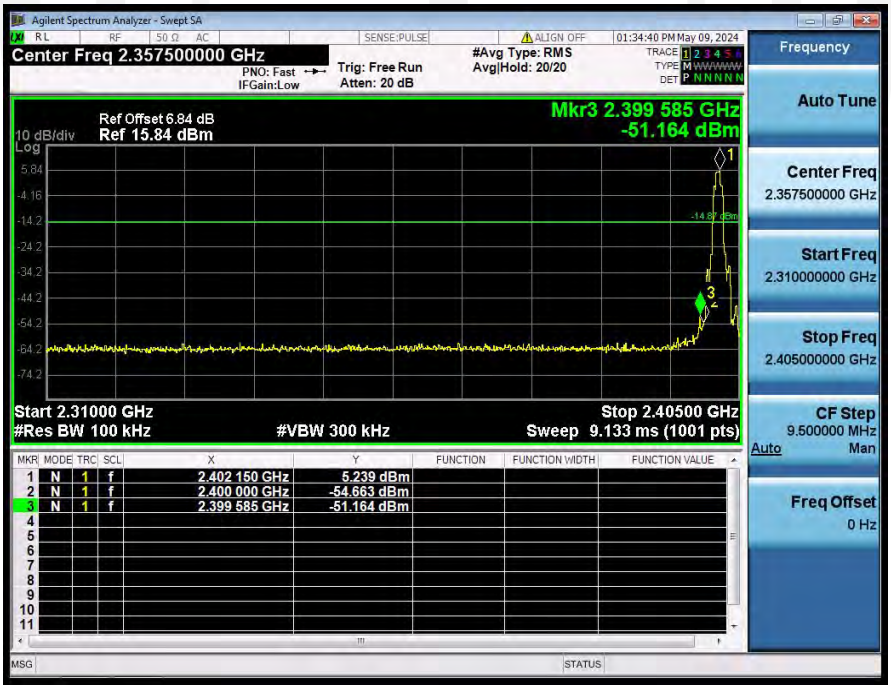
1_Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping

2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping

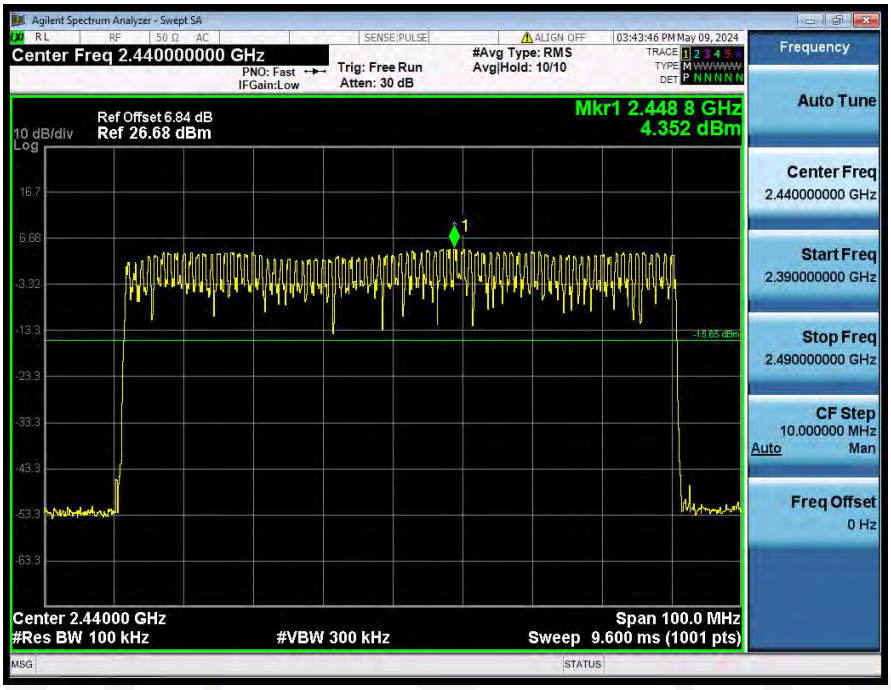


1_Reference_Level_NVNT_ANT1_2-DH1_2402

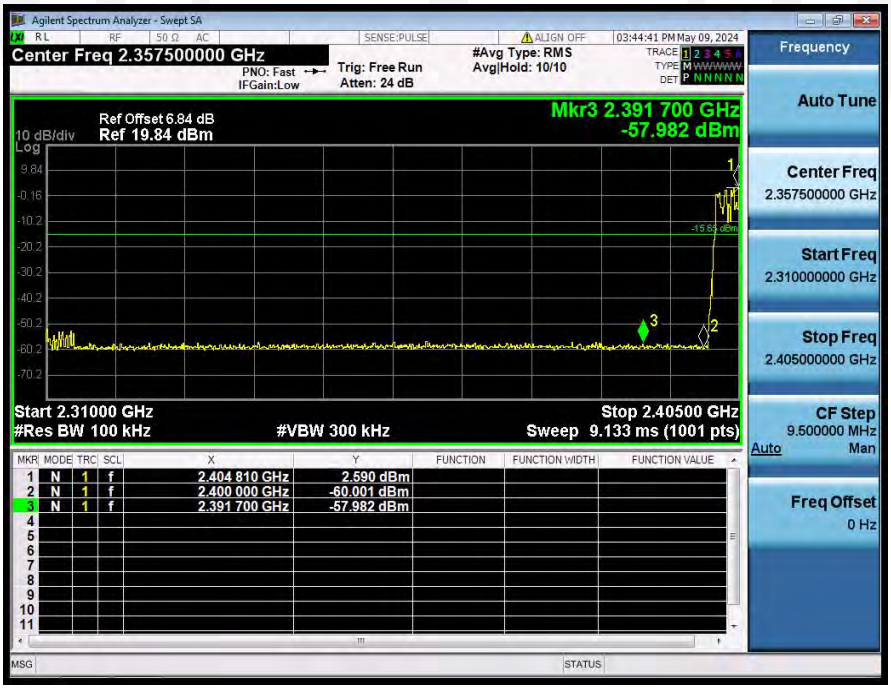
2_Bandedge_NVNT_ANT1_2-DH1_2402



1_Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

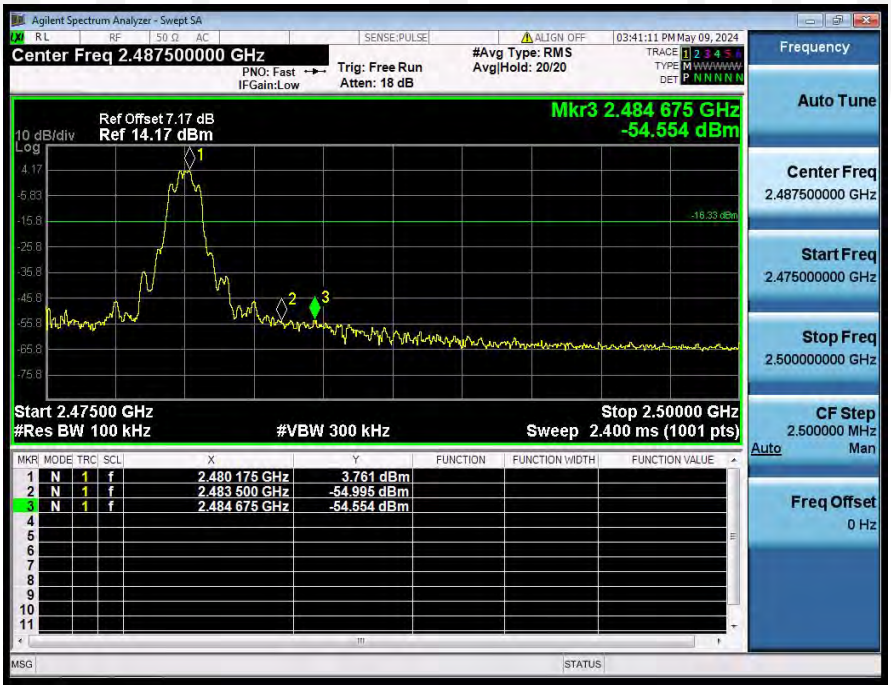


2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

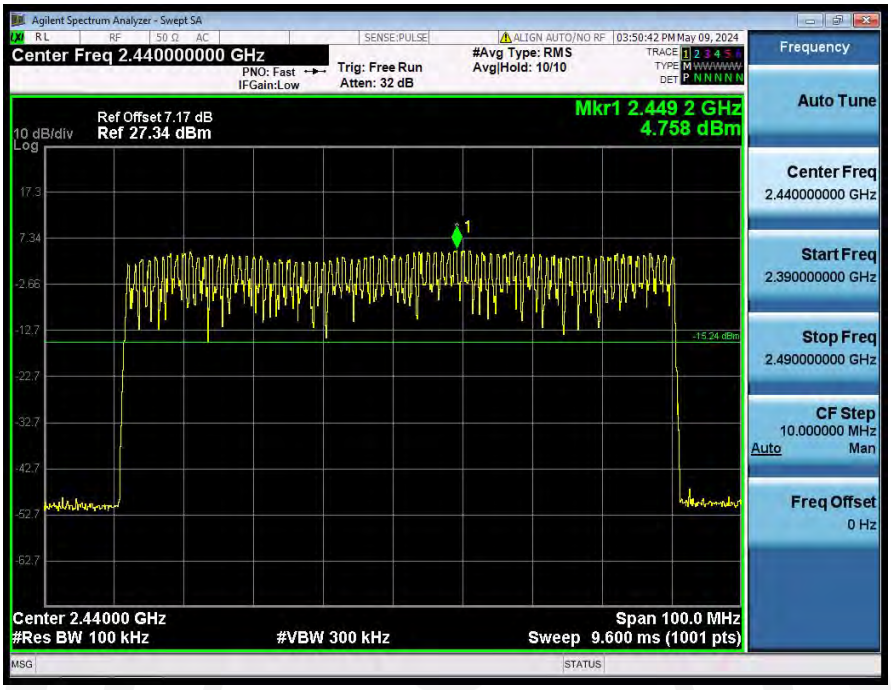


1_Reference_Level_NVNT_ANT1_2-DH1_2480

2_Bandedge_NVNT_ANT1_2-DH1_2480



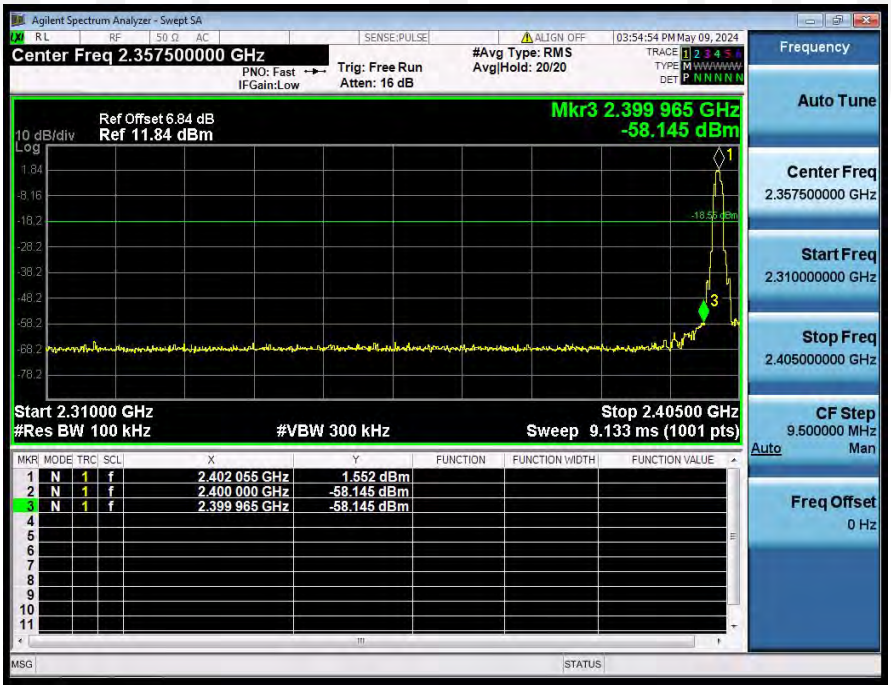
1_Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping

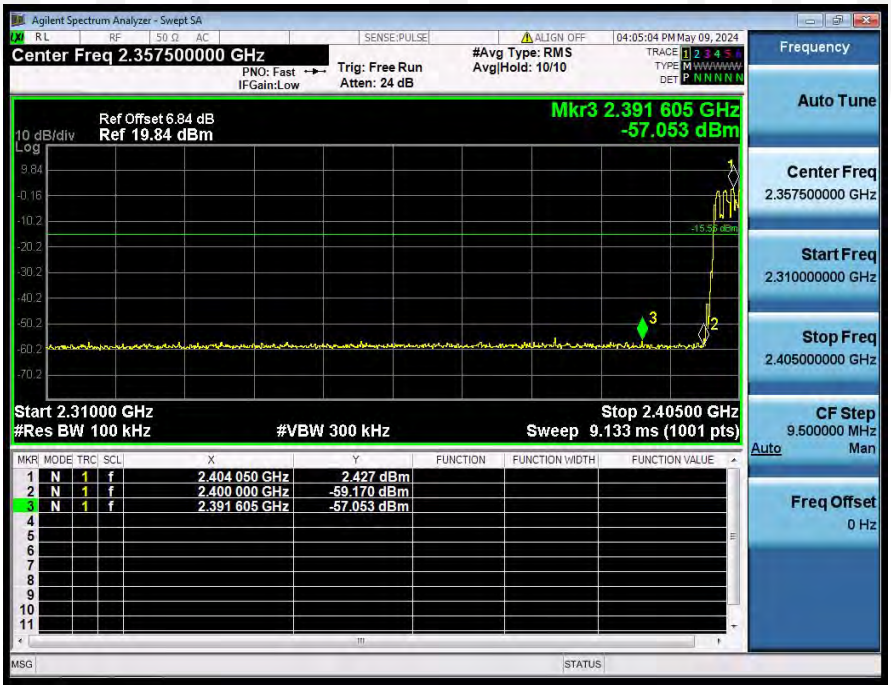
1_Reference_Level_NVNT_ANT1_3-DH1_2402

2_Bandedge_NVNT_ANT1_3-DH1_2402



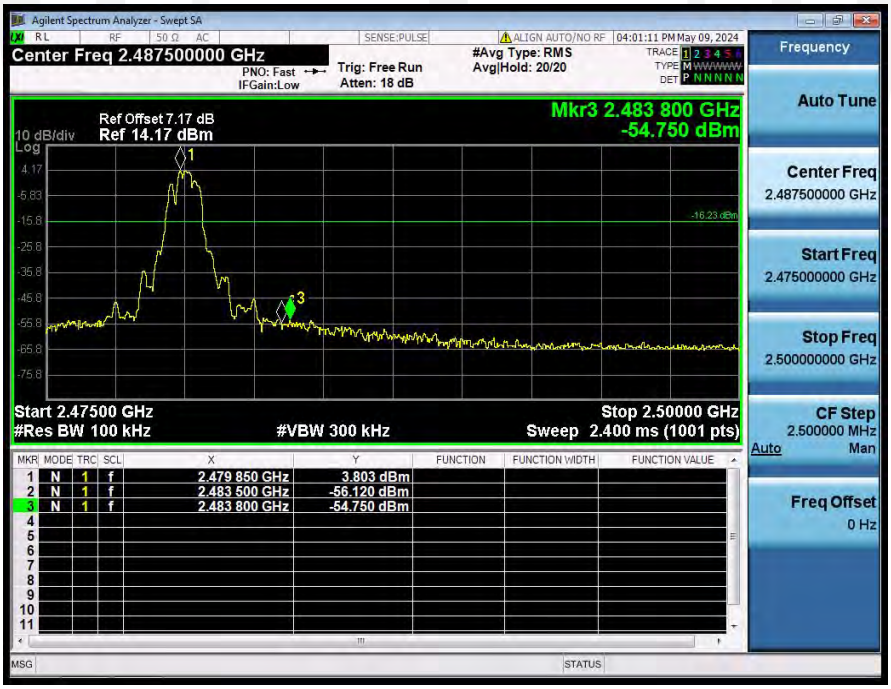
1_Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

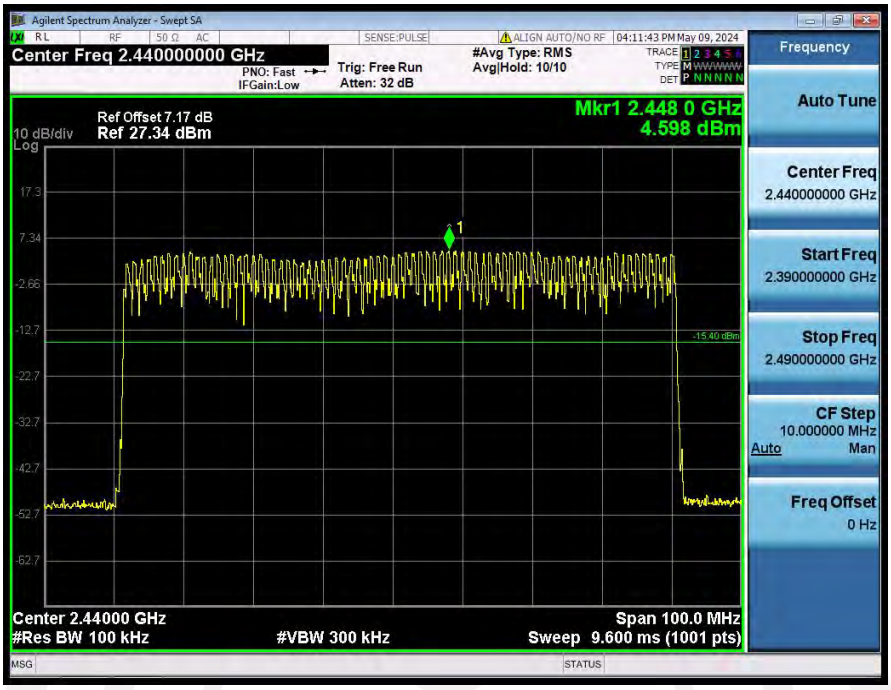


1_Reference_Level_NVNT_ANT1_3-DH1_2480

2_Bandedge_NVNT_ANT1_3-DH1_2480



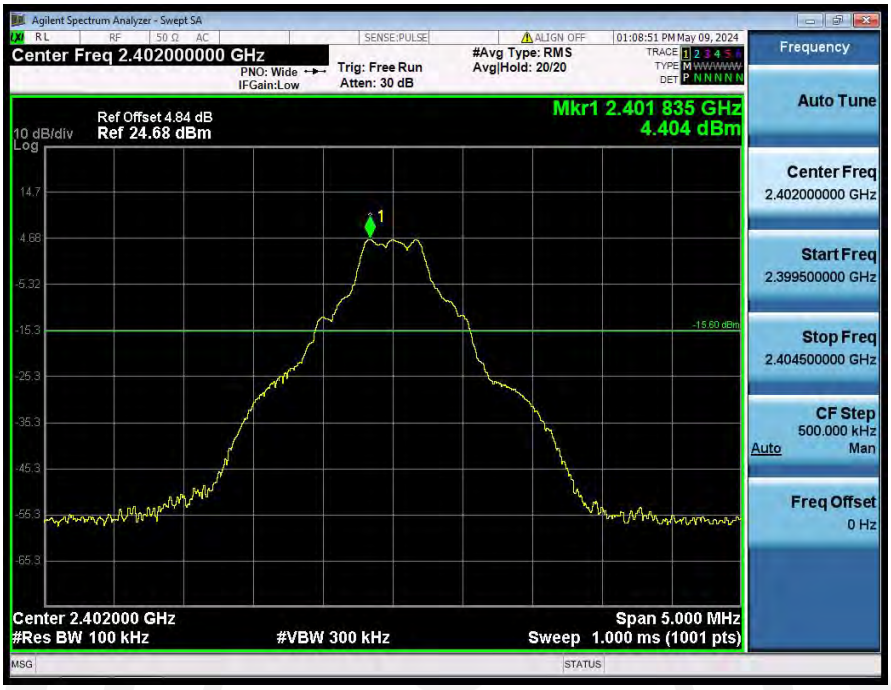
1_Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



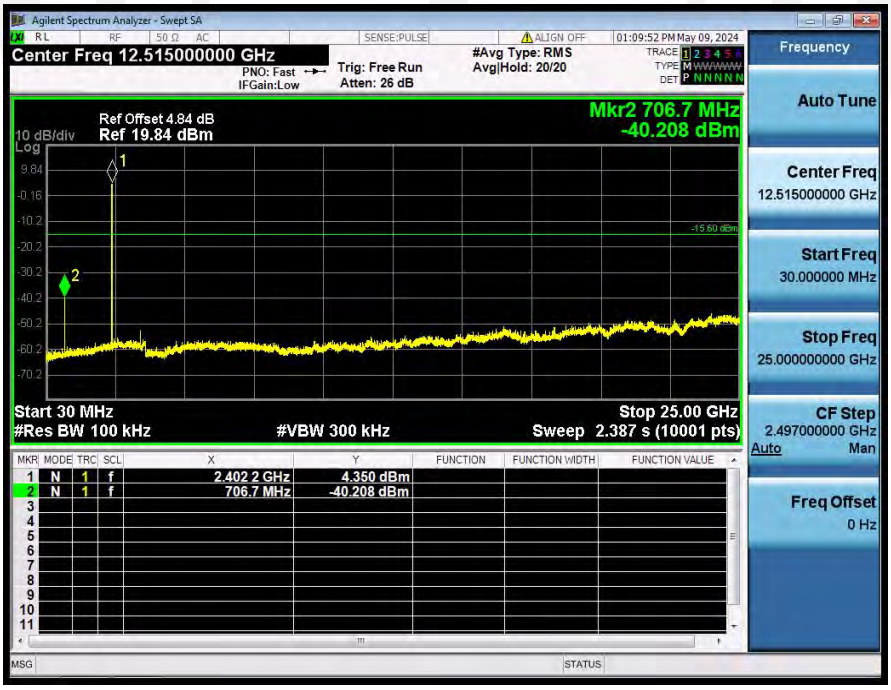
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

Conducted spurious emission: Pass

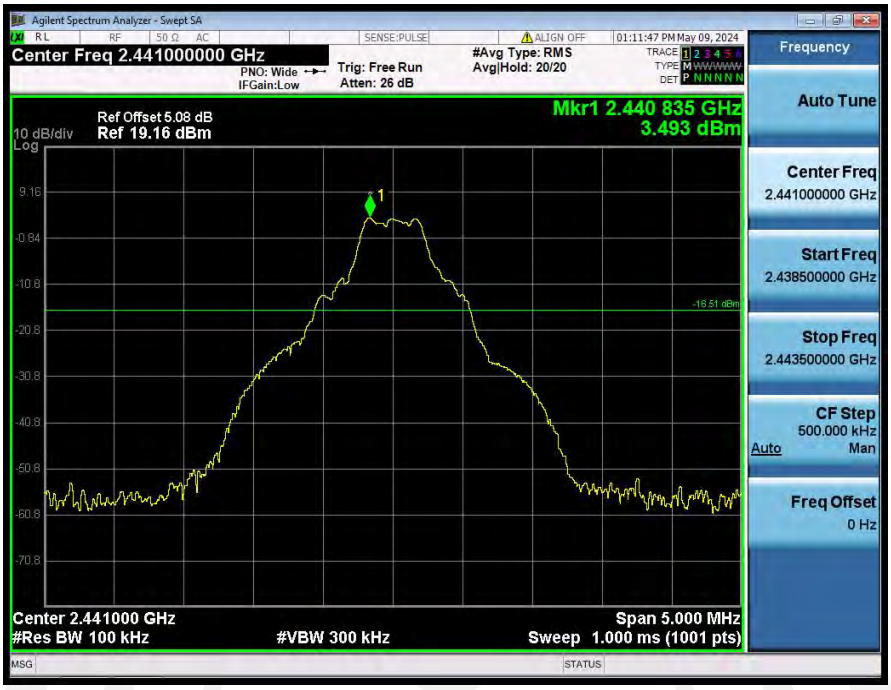
1_Reference_Level_NVNT_ANT1_1-DH1_2402



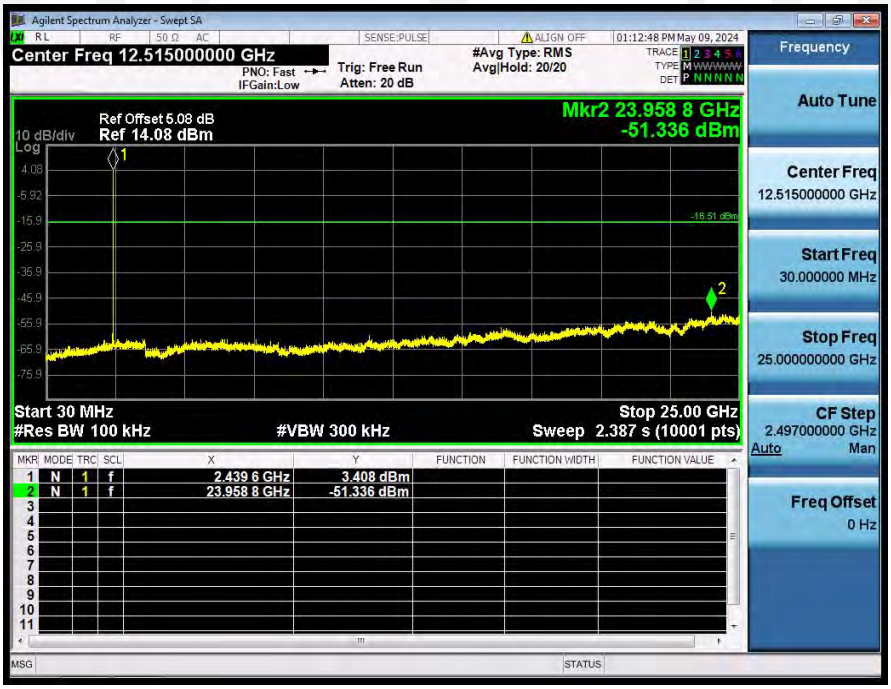
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2402



1_Reference_Level_NVNT_ANT1_1-DH1_2441

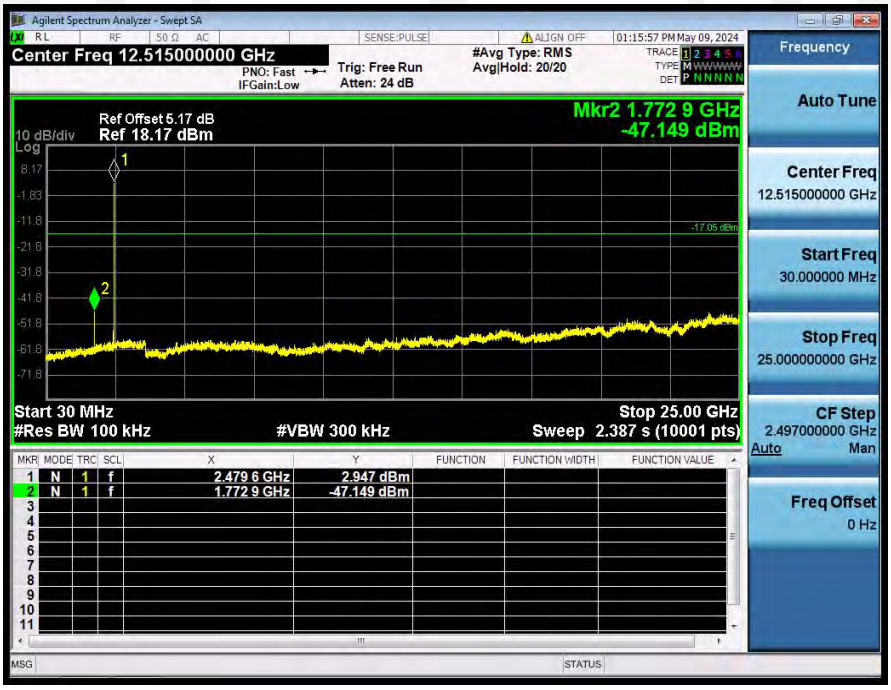


2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



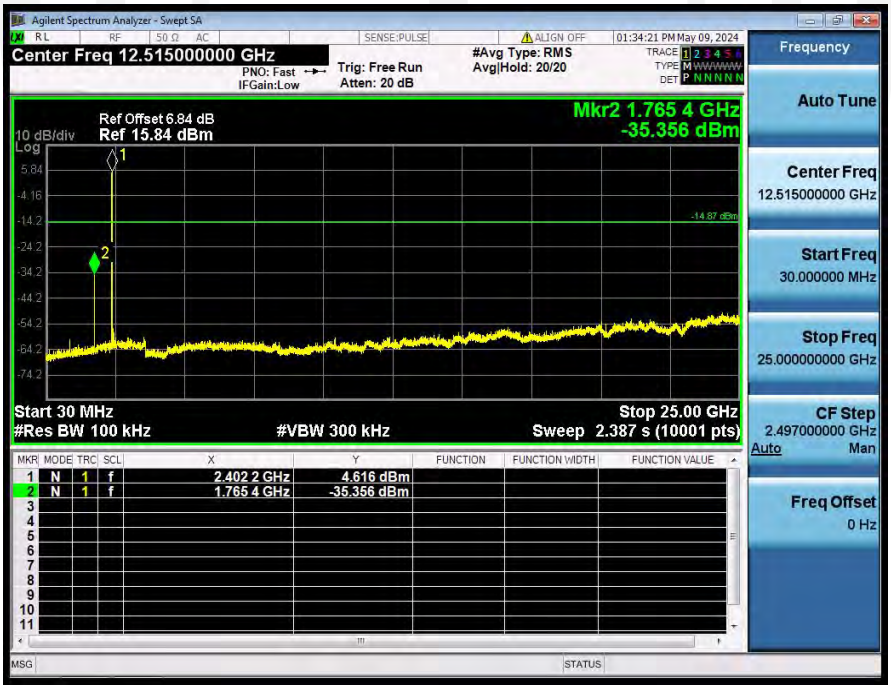
1_Reference_Level_NVNT_ANT1_1-DH1_2480

2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480



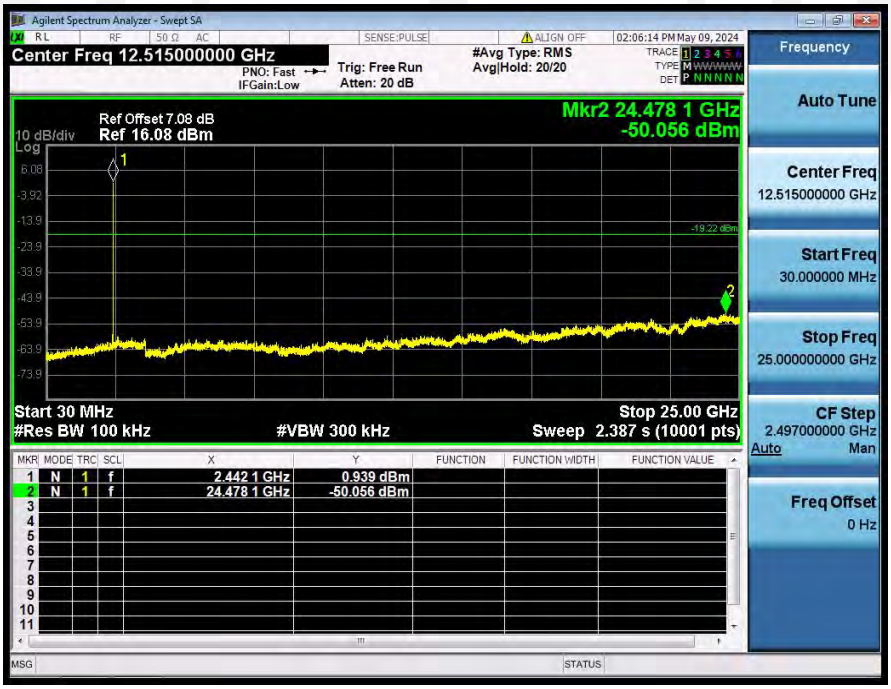
1_Reference_Level_NVNT_ANT1_2-DH1_2402

2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402



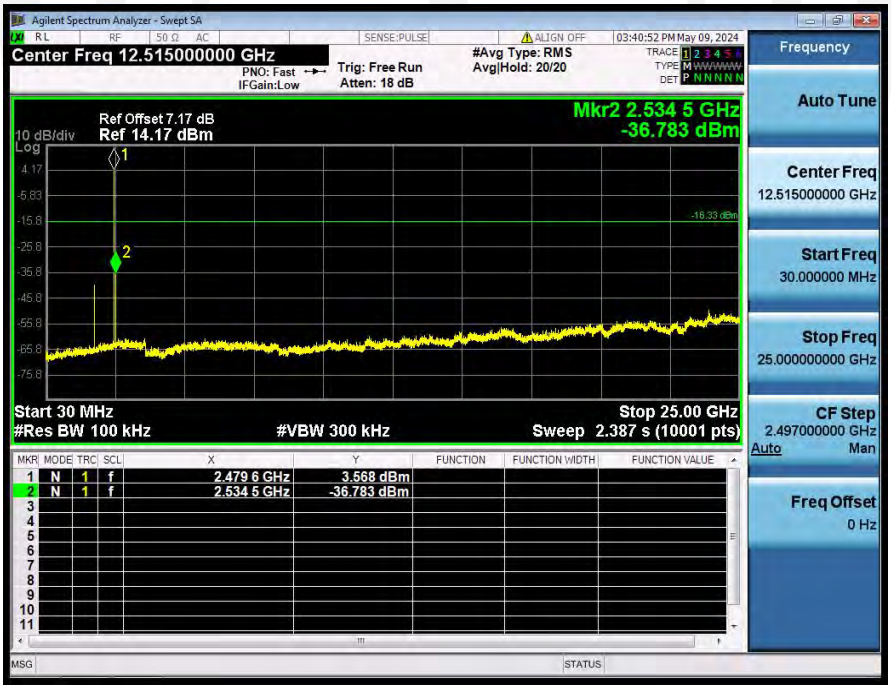
1_Reference_Level_NVNT_ANT1_2-DH1_2441

2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441



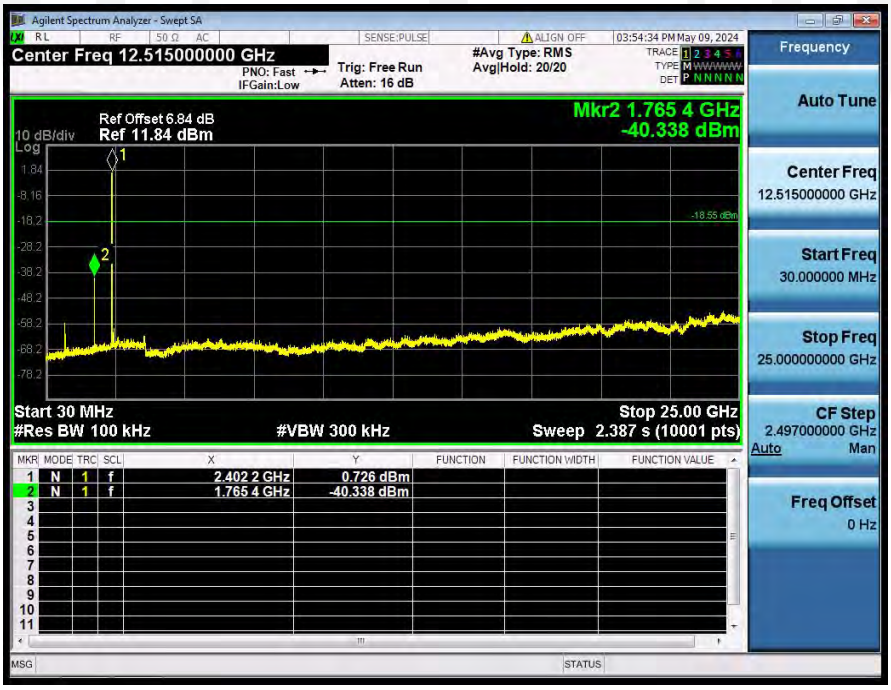
1_Reference_Level_NVNT_ANT1_2-DH1_2480

2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480



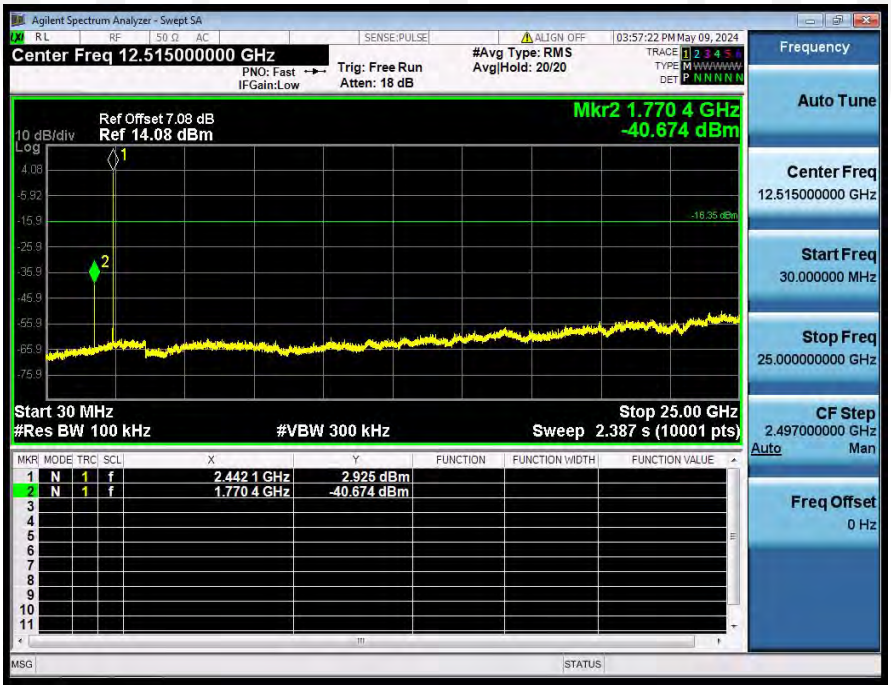
1_Reference_Level_NVNT_ANT1_3-DH1_2402

2_Spurious_Emissions_NVNT_ANT1_3-DH1_2402



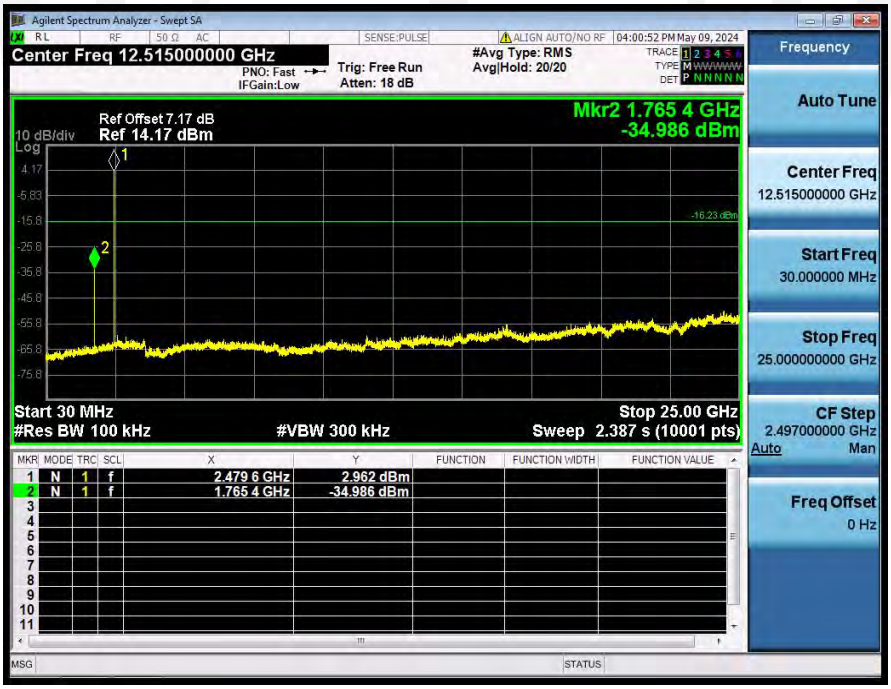
1_Reference_Level_NVNT_ANT1_3-DH1_2441

2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441



1_Reference_Level_NVNT_ANT1_3-DH1_2480

2_Spurious_Emissions_NVNT_ANT1_3-DH1_2480



9. Radiated Emissions

9.1. 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])

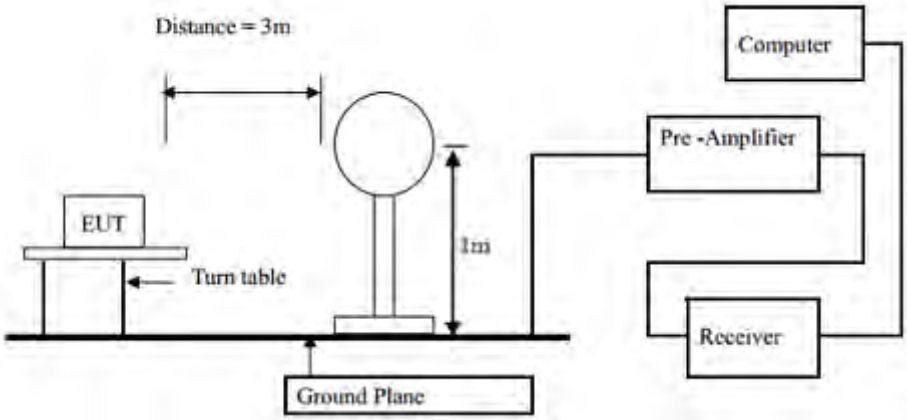
15.209 Limit

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)	

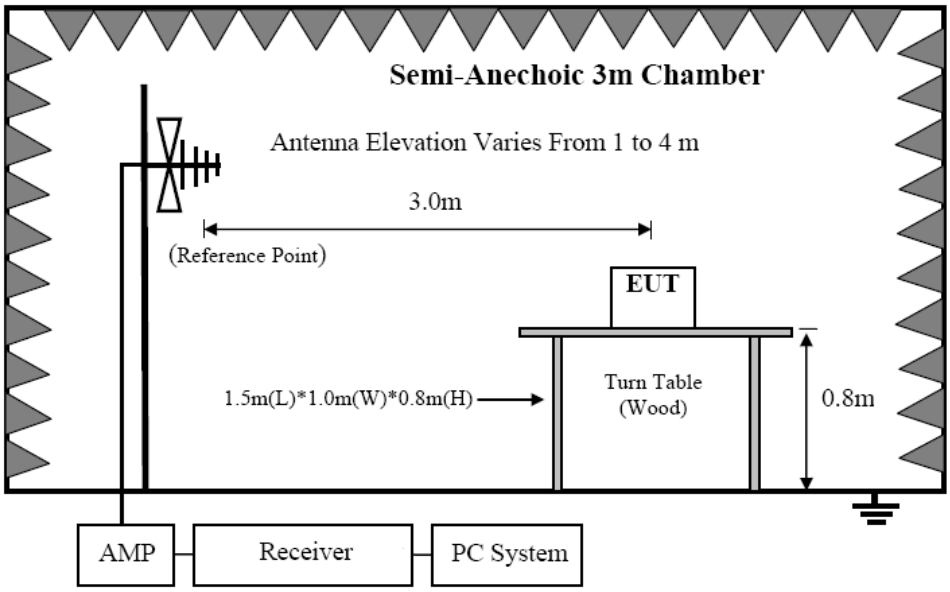
Note: The peak limit is 20 dB higher than the average limit

9.2. Block Diagram of Test setup

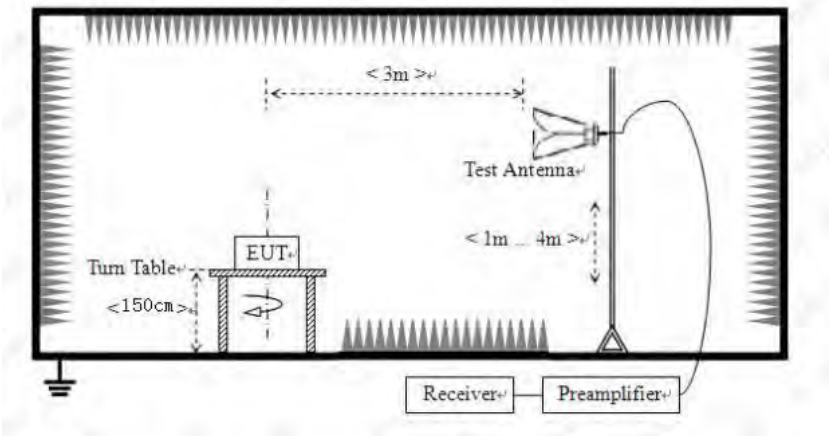
9.2.1 In 3m Anechoic Chamber Test Setup Diagram for below 30MHz



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



9.2.2 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.

9.3. 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

(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.

9.4. Test Results

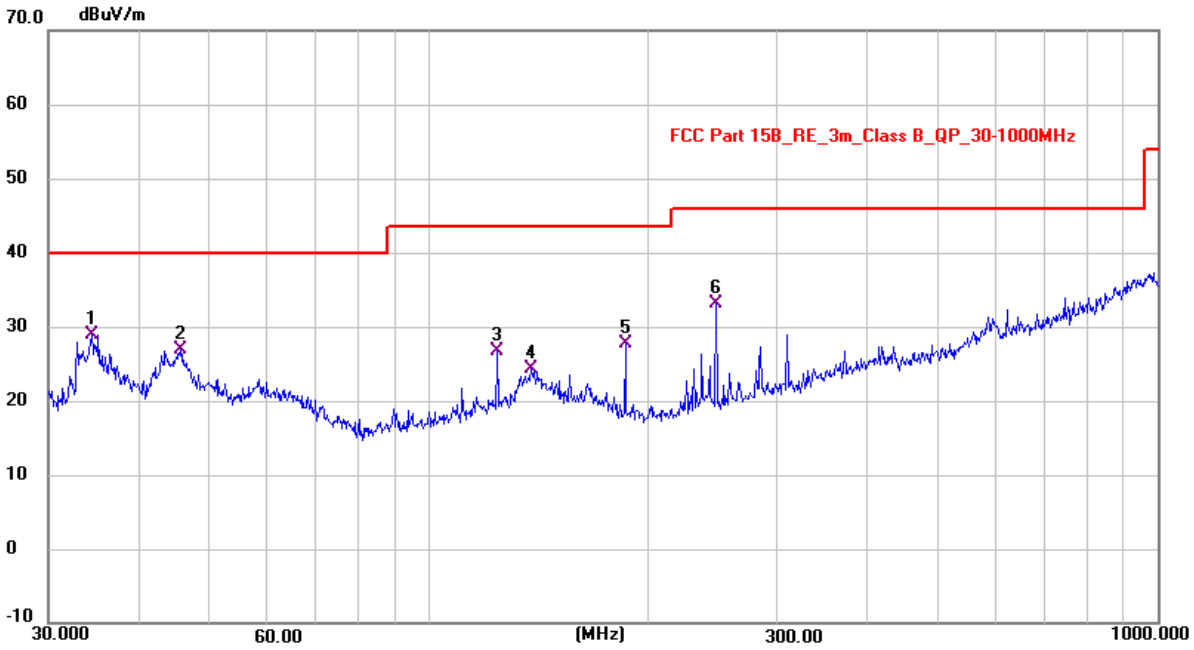
We have scanned from 9kHz to the 10th harmonic of the EUT's highest frequency.

Detailed information please see the following page.

From 9KHz to 30MHz:					
Test Date	:	2024.05.15	Temperature	:	26℃
Test Engineer	:	Felix Pang	Humidity	:	54%
Test Mode	:	GFSK mode			
Test Results	:	**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:					
Test Date	:	2024.05.15	Temperature	:	26℃
Test Engineer	:	Felix Pang	Humidity	:	54%
Test Mode	:	GFSK mode			
Test Results	:	**PASS**			
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out. 3. All modes have been tested, and only worst data of GFSK mode, Channel 2402MHz was listed in this report.				

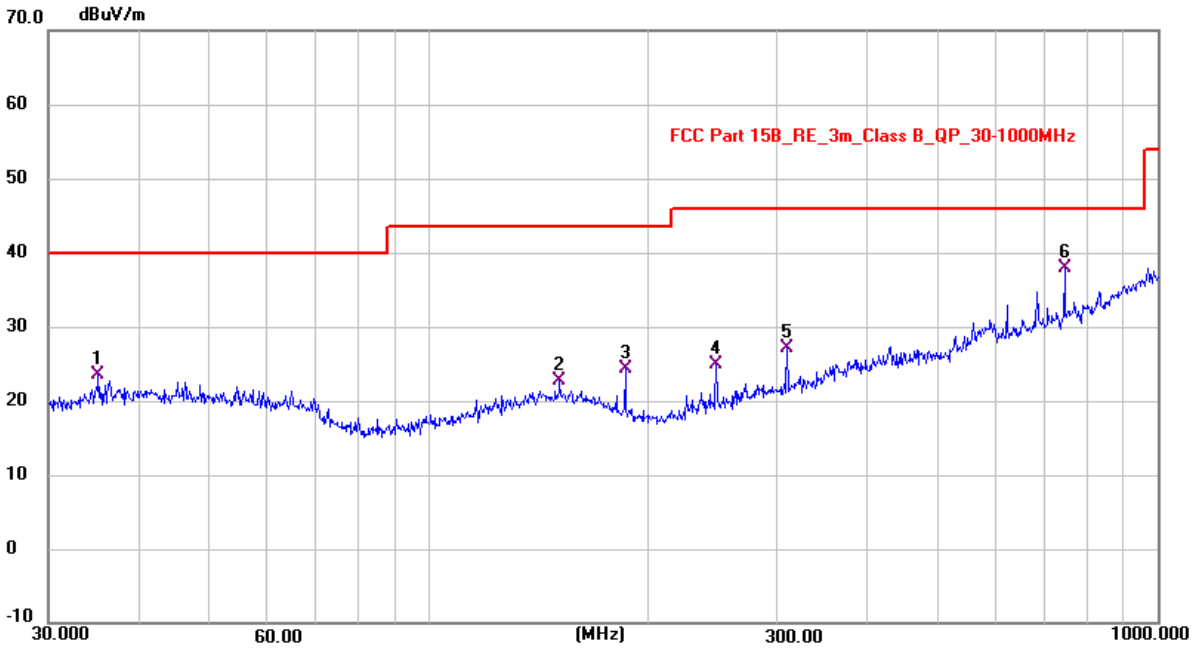
Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	34.5021	16.16	12.83	28.99	40.00	-11.01	QP
2	45.6347	13.44	13.40	26.84	40.00	-13.16	QP
3	124.1874	14.86	11.76	26.62	43.50	-16.88	QP
4	138.0844	11.65	12.70	24.35	43.50	-19.15	QP
5	186.2775	16.75	10.89	27.64	43.50	-15.86	QP
6	248.4430	20.99	12.16	33.15	46.00	-12.85	QP

Note: Level = Reading + Factor Margin = Level - Limit

Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	35.2049	10.57	12.95	23.52	40.00	-16.48	QP
2	151.3317	9.56	13.07	22.63	43.50	-20.87	QP
3	186.2775	13.35	10.89	24.24	43.50	-19.26	QP
4	248.4430	12.71	12.16	24.87	46.00	-21.13	QP
5	310.5416	13.28	13.92	27.20	46.00	-18.80	QP
6 *	745.1926	15.17	22.64	37.81	46.00	-8.19	QP

Note: Level = Reading + Factor Margin = Level - Limit

From 1GHz to 25GHz:					
Test Date	:	2024.05.15	Temperature	:	26℃
Test Engineer	:	Felix Pang	Humidity	:	54%
Test Mode	:	GFSK, π/4 DQPSK, 8DPSK mode			
Test Results	:	**PASS**			
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out. 3. If the limits for the measurement with the average detector are met when using a receiver with a quasi-peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.				

Test Mode : GFSK TX Low								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	4804	V	82.67	-27.27	55.40	74.00	-18.60	Peak
2	4804	V	65.78	-27.27	38.51	54.00	-15.49	Avg
3	7206	--	--	--	--	--	--	--
4	9608	--	--	--	--	--	--	--
5	4804	H	79.75	-27.27	52.48	74.00	-21.52	Peak
6	4804	H	71.59	-27.27	44.32	54.00	-9.68	Avg
7	7206	--	--	--	--	--	--	--
8	9608	--	--	--	--	--	--	--
Test Mode : GFSK TX Mid								
1	4882	V	85.06	-27.79	57.27	74.00	-16.73	Peak
2	4882	V	67.30	-27.79	39.51	54.00	-14.49	Avg
3	7323	--	--	--	--	--	--	--
4	9764	--	--	--	--	--	--	--
5	4882	H	83.34	-27.79	55.55	74.00	-18.45	Peak
6	4882	H	73.21	-27.79	45.42	54.00	-8.58	Avg
7	7323	--	--	--	--	--	--	--
8	9764	--	--	--	--	--	--	--
Test Mode : GFSK TX High								
1	4960	V	83.30	-28.30	55.00	74.00	83.30	Peak
2	4960	V	69.79	-28.30	41.49	54.00	69.79	Avg
3	7440	--	--	--	--	--	--	--
4	9920	--	--	--	--	--	--	--
5	4960	H	81.89	-28.30	53.59	74.00	81.89	Peak
6	4960	H	72.50	-28.30	44.20	54.00	72.50	Avg
7	7440	--	--	--	--	--	--	--
8	9920	--	--	--	--	--	--	--

Note:
1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.
Result=Reading + Correct Factor.
Margin= Result-Limit.

Test Mode : π/4 DQPSK TX Low								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	4804	V	82.95	-27.27	55.68	74.00	-18.32	Peak
2	4804	V	66.78	-27.27	39.51	54.00	-14.49	Avg
3	7206	--	--	--	--	--	--	--
4	9608	--	--	--	--	--	--	--
5	4804	H	83.34	-27.27	56.07	74.00	-17.93	Peak
6	4804	H	71.96	-27.27	44.69	54.00	-9.31	Avg
7	7206	--	--	--	--	--	--	--
8	9608	--	--	--	--	--	--	--
Test Mode : π/4 DQPSK TX Mid								
1	4882	V	85.35	-27.79	57.56	74.00	-16.44	Peak
2	4882	V	66.27	-27.79	38.48	54.00	-15.52	Avg
3	7323	--	--	--	--	--	--	--
4	9764	--	--	--	--	--	--	--
5	4882	H	83.75	-27.79	55.96	74.00	-18.04	Peak
6	4882	H	71.06	-27.79	43.27	54.00	-10.73	Avg
7	7323	--	--	--	--	--	--	--
8	9764	--	--	--	--	--	--	--
Test Mode : π/4 DQPSK TX High								
1	4960	V	85.95	-28.30	57.65	74.00	-16.35	Peak
2	4960	V	69.40	-28.30	41.10	54.00	-12.90	Avg
3	7440	--	--	--	--	--	--	--
4	9920	--	--	--	--	--	--	--
5	4960	H	83.27	-28.30	54.97	74.00	-19.03	Peak
6	4960	H	70.58	-28.30	42.28	54.00	-11.72	Avg
7	7440	--	--	--	--	--	--	--
8	9920	--	--	--	--	--	--	--

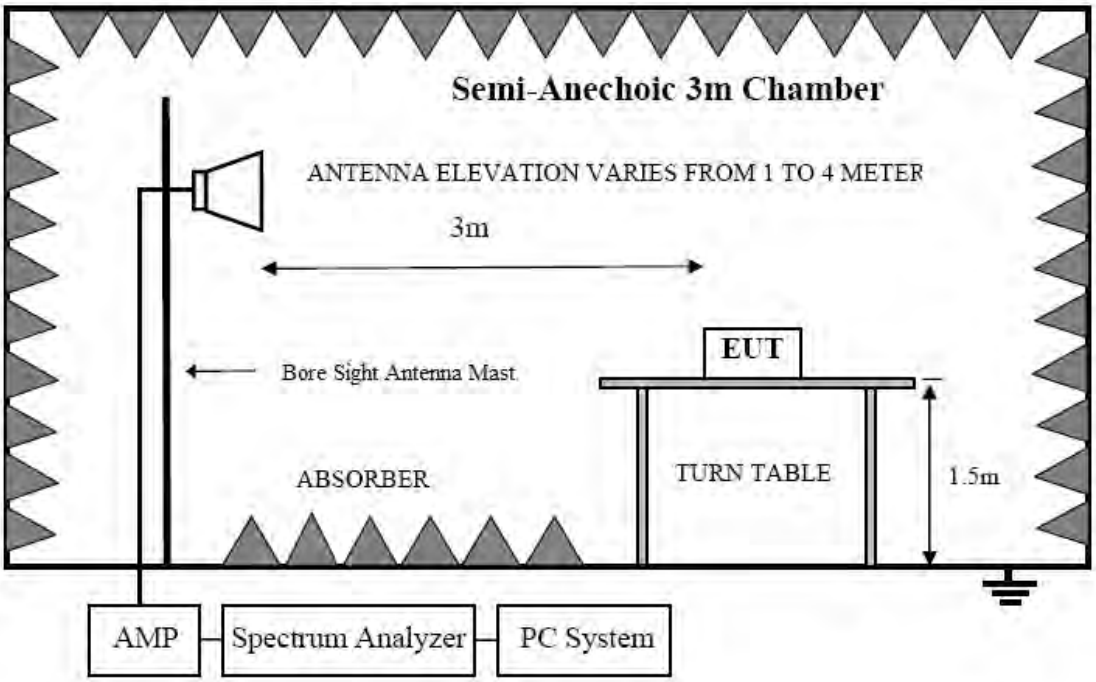
Note:
1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.
Result=Reading + Correct Factor.
Margin= Result-Limit.

Test Mode : 8DPSK TX Low								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	4804	V	83.20	-27.27	55.93	74.00	-18.07	Peak
2	4804	V	65.66	-27.27	38.39	54.00	-15.61	Avg
3	7206	--	--	--	--	--	--	--
4	9608	--	--	--	--	--	--	--
5	4804	H	80.55	-27.27	53.28	74.00	-20.72	Peak
6	4804	H	74.32	-27.27	47.05	54.00	-6.95	Avg
7	7206	--	--	--	--	--	--	--
8	9608	--	--	--	--	--	--	--
Test Mode : 8DPSK TX Mid								
1	4882	V	86.46	-27.79	58.67	74.00	-15.33	Peak
2	4882	V	67.14	-27.79	39.35	54.00	-14.65	Avg
3	7323	--	--	--	--	--	--	--
4	9764	--	--	--	--	--	--	--
5	4882	H	84.63	-27.79	56.84	74.00	-17.16	Peak
6	4882	H	73.15	-27.79	45.36	54.00	-8.64	Avg
7	7323	--	--	--	--	--	--	--
8	9764	--	--	--	--	--	--	--
Test Mode : 8DPSK TX High								
1	4960	V	85.70	-28.30	57.40	74.00	-16.60	Peak
2	4960	V	69.22	-28.30	40.92	54.00	-13.08	Avg
3	7440	--	--	--	--	--	--	--
4	9920	--	--	--	--	--	--	--
5	4960	H	80.95	-28.30	52.65	74.00	-21.35	Peak
6	4960	H	71.31	-28.30	43.01	54.00	-10.99	Avg
7	7440	--	--	--	--	--	--	--
8	9920	--	--	--	--	--	--	--

Note:
1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.
Result=Reading + Correct Factor.
Margin= Result-Limit.

10.Band Edge Test

10.1.Block Diagram of Test Setup



10.2.Test Limit

Radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

10.3.Test Procedure

Refer to ANSI C 63.10, Clause 6.10.

All restriction band and non- restriction band have been tested, only worse case is reported.

10.4.Test Results

Test Date	:	2024.05.15	Temperature	:	26℃
Test Engineer	:	Felix Pang	Humidity	:	54%
Test Results	:	**PASS**			

Frequency Range : **2310MHz~2410MHz**								
Test Mode : GFSK TX 2402MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	73.13	-21.62	51.51	74.00	-22.49	Peak
2	2390	H	--	-21.62	--	54.00	--	Avg
3	2400	H	76.22	-26.08	50.14	74.00	-23.86	Peak
4	2400	H	--	-26.08	--	54.00	--	Avg
1	2390	V	69.15	-21.62	47.53	74.00	-26.47	Peak
2	2390	V	--	-21.62	--	54.00	--	Avg
3	2400	V	77.10	-26.08	51.02	74.00	-22.98	Peak
4	2400	V	--	-26.08	--	54.00	--	Avg
Frequency Range : **2450MHz~2550MHz**								
Test Mode : GFSK TX 2480MHz								
1	2483.5	H	73.40	-25.84	47.56	74.00	-26.44	Peak
2	2483.5	H	--	-25.84	--	54.00	--	Avg
1	2483.5	V	72.16	-25.84	46.32	74.00	-27.68	Peak
2	2483.5	V	--	-25.84	--	54.00	--	Avg

Note:
1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.
Result=Reading + Correct Factor.
Margin= Result-Limit.
3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

Frequency Range : **2310MHz~2410MHz**								
Test Mode : π/4 DQPSK TX 2402MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	70.81	-21.62	49.19	74.00	-24.81	Peak
2	2390	H	--	-21.62	--	54.00	--	Avg
3	2400	H	78.83	-26.08	52.75	74.00	-21.25	Peak
4	2400	H	--	-26.08	--	54.00	--	Avg
1	2390	V	69.89	-21.62	48.27	74.00	-25.73	Peak
2	2390	V	--	-21.62	--	54.00	--	Avg
3	2400	V	78.23	-26.08	52.15	74.00	-21.85	Peak
4	2400	V	--	-26.08	--	54.00	--	Avg
Frequency Range : **2450MHz~2550MHz**								
Test Mode : π/4 DQPSK TX 2480MHz								
1	2483.5	H	76.68	-25.84	50.84	74.00	-23.16	Peak
2	2483.5	H	--	-25.84	--	54.00	--	Avg
1	2483.5	V	73.65	-25.84	47.81	74.00	-26.19	Peak
2	2483.5	V	--	-25.84	--	54.00	--	Avg

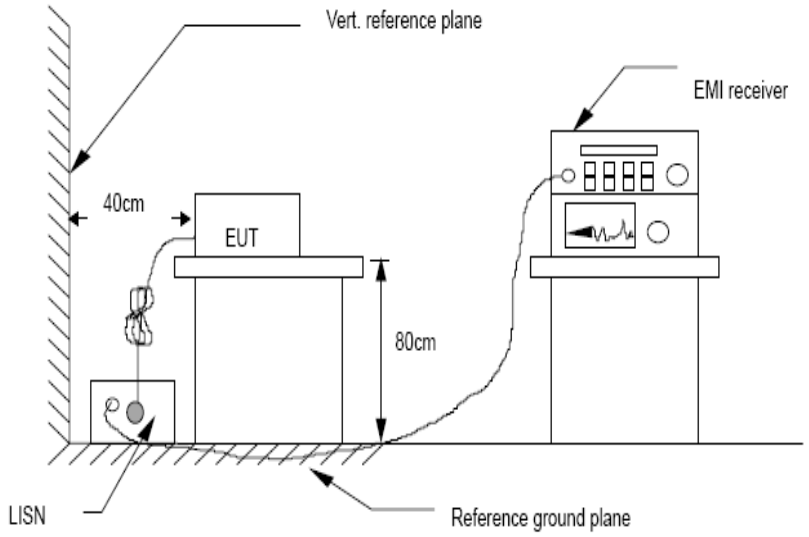
Note:
1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.
Result=Reading + Correct Factor.
Margin= Result-Limit.
3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

Frequency Range : **2310MHz~2410MHz**								
Test Mode : 8DPSK TX 2402MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	73.77	-21.62	52.15	74.00	-21.85	Peak
2	2390	H	--	-21.62	--	54.00	--	Avg
3	2400	H	76.19	-26.08	50.11	74.00	-23.89	Peak
4	2400	H	--	-26.08	--	54.00	--	Avg
1	2390	V	67.92	-21.62	46.30	74.00	-27.70	Peak
2	2390	V	--	-21.62	--	54.00	--	Avg
3	2400	V	76.73	-26.08	50.65	74.00	-23.35	Peak
4	2400	V	--	-26.08	--	54.00	--	Avg
Frequency Range : **2450MHz~2550MHz**								
Test Mode : 8DPSK TX 2480MHz								
1	2483.5	H	75.43	-25.84	49.59	74.00	-24.41	Peak
2	2483.5	H	--	-25.84	--	54.00	--	Avg
1	2483.5	V	72.72	-25.84	46.88	74.00	-27.12	Peak
2	2483.5	V	--	-25.84	--	54.00	--	Avg

Note:
1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.
2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.
Result=Reading + Correct Factor.
Margin= Result-Limit.
3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

11. Power Line Conducted Emissions

11.1.Block Diagram of Test Setup



11.2.Limit

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

Notes: 1. * Decreasing linearly with logarithm of frequency.

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

11.3.Test Procedure

(1) The EUT was placed on a non-metallic table, 80cm above the ground plane.

(2) Setup the EUT and simulator as shown in 10.1

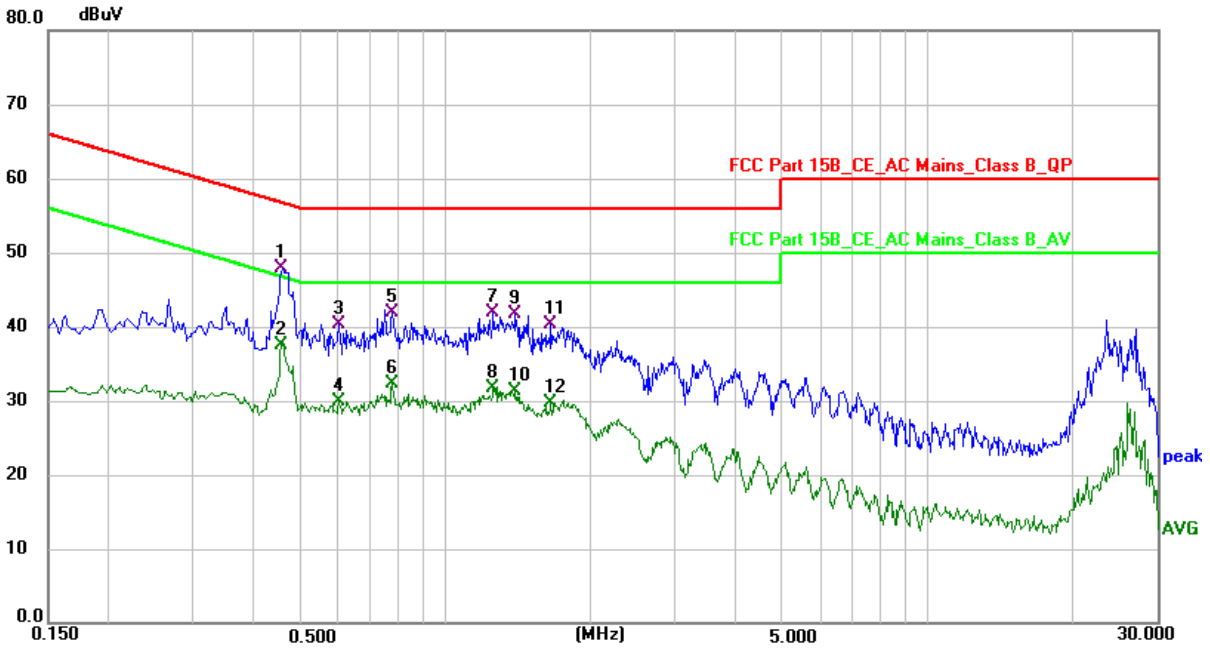
(3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N2), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. 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 conducted Emission test.

(4) The bandwidth of test receiver is set at 10KHz.
(5) The frequency range from 150 KHz to 30MHz is checked.

11.4.Test Results

Test Date	:	2024.05.13	Temperature	:	26℃
Test Engineer	:	Felix Pang	Humidity	:	54%
Test Mode	:	GFSK mode			
Test Results	:	**PASS**			
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out. 3. If the limits for the measurement with the average detector are met when using a receiver with a quasi-peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out. 4. All modes have been tested, and only worst data of GFSK mode, Channel 2402MHz (AC 120V/ 60Hz) was listed in this report.				

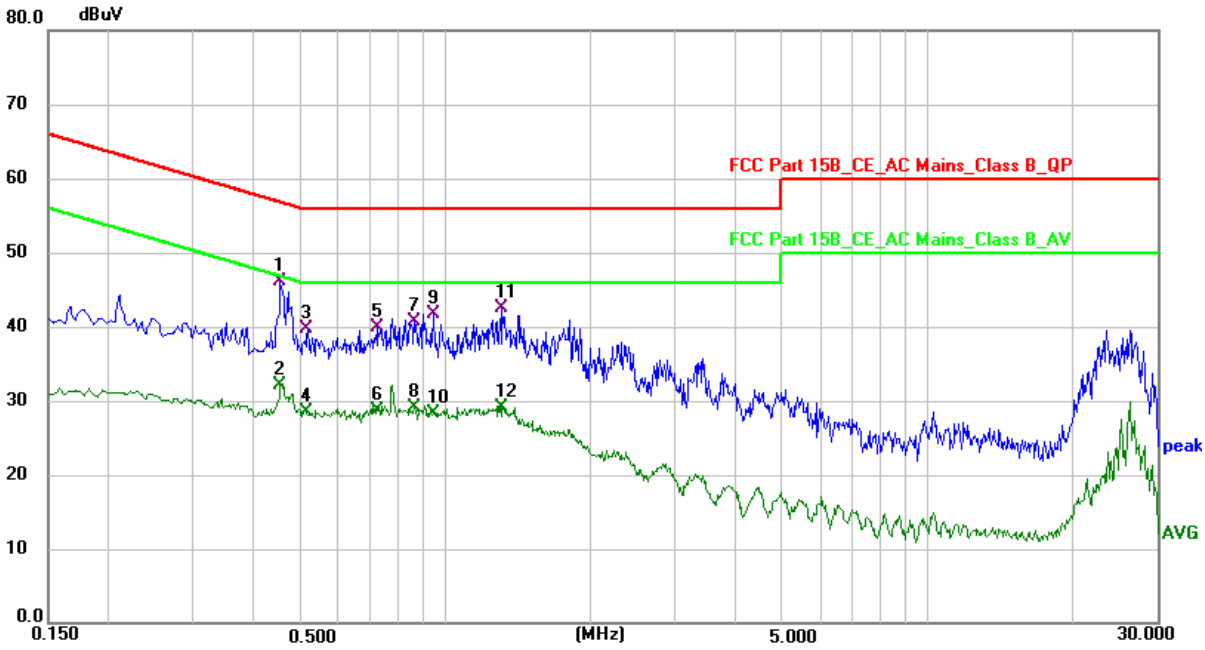
Polarization: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1 *	0.4580	38.05	9.79	47.84	56.73	-8.89	QP	P
2	0.4580	27.66	9.79	37.45	46.73	-9.28	AVG	P
3	0.6020	30.55	9.67	40.22	56.00	-15.78	QP	P
4	0.6020	20.18	9.67	29.85	46.00	-16.15	AVG	P
5	0.7780	32.57	9.42	41.99	56.00	-14.01	QP	P
6	0.7780	22.81	9.42	32.23	46.00	-13.77	AVG	P
7	1.2579	32.58	9.40	41.98	56.00	-14.02	QP	P
8	1.2579	22.30	9.40	31.70	46.00	-14.30	AVG	P
9	1.4020	32.37	9.40	41.77	56.00	-14.23	QP	P
10	1.4020	21.95	9.40	31.35	46.00	-14.65	AVG	P
11	1.6620	30.91	9.40	40.31	56.00	-15.69	QP	P
12	1.6620	20.25	9.40	29.65	46.00	-16.35	AVG	P

Note: Level = Reading + Factor Margin = Level - Limit

Polarization: N



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1 *	0.4540	36.37	9.67	46.04	56.80	-10.76	QP
2	0.4540	22.48	9.67	32.15	46.80	-14.65	AVG
3	0.5180	30.02	9.78	39.80	56.00	-16.20	QP
4	0.5180	18.71	9.78	28.49	46.00	-17.51	AVG
5	0.7260	30.15	9.76	39.91	56.00	-16.09	QP
6	0.7260	18.87	9.76	28.63	46.00	-17.37	AVG
7	0.8660	30.98	9.63	40.61	56.00	-15.39	QP
8	0.8660	19.40	9.63	29.03	46.00	-16.97	AVG
9	0.9460	32.09	9.56	41.65	56.00	-14.35	QP
10	0.9460	18.66	9.56	28.22	46.00	-17.78	AVG
11	1.3140	33.09	9.43	42.52	56.00	-13.48	QP
12	1.3140	19.73	9.43	29.16	46.00	-16.84	AVG

Note: Level = Reading + Factor Margin = Level - Limit

12. Antenna Requirements

12.1.Limit

For intentional device, according to FCC 47 CFR Section 15.203 and RSS-GEN, 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. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

12.2.Result

The EUT antenna is internal antenna. It complies with the standard requirement.

13.Photos of test setup

Reference to the **appendix I Test Setup Photo** for details.

14. Photos of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

------ END OF REPORT------