

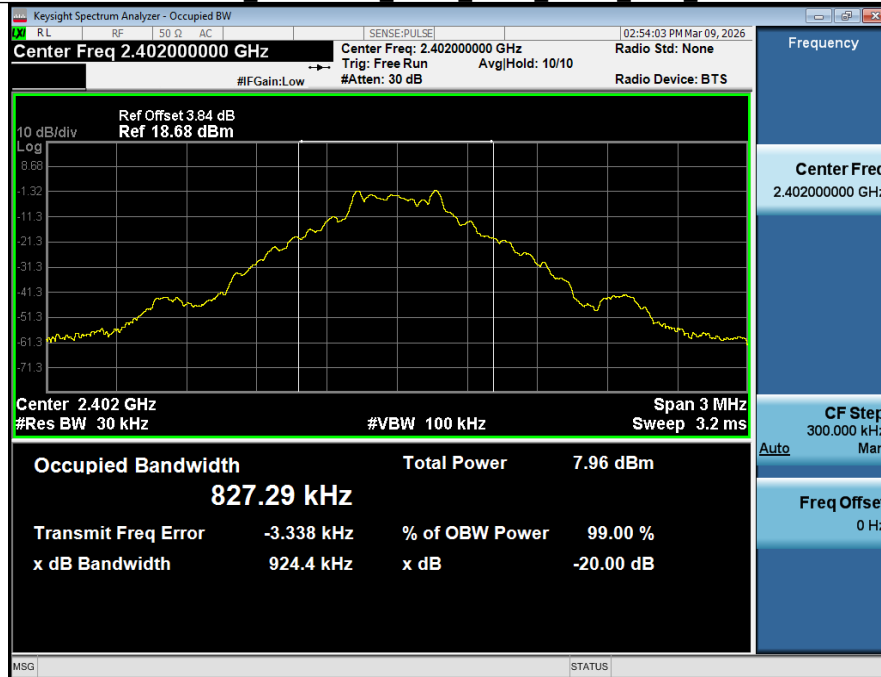
Appendix A: Test Results of Bluetooth BR & EDR

APPENDIX A: TEST RESULTS OF BLUETOOTH BR & EDR.....	1
APPENDIX A.1: TEST RESULTS OF 20DB BANDWIDTH	2
APPENDIX A.2: TEST RESULTS OF 99% BANDWIDTH	8
APPENDIX A.3: TEST RESULTS OF MAXIMUM PEAK CONDUCTED OUTPUT POWER	14
APPENDIX A.4: TEST RESULTS OF CARRIER FREQUENCY SEPARATION	15
APPENDIX A.5: TEST RESULTS OF TIME OF OCCUPANCY	17
APPENDIX A.6: TEST RESULTS OF NUMBER OF HOPPING FREQUENCY	27
APPENDIX A.7: TEST RESULTS OF BAND EDGE MEASUREMENTS	29
APPENDIX A.8: TEST RESULTS OF CONDUCTED SPURIOUS EMISSION	42
APPENDIX A.9: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	52
30 MHz - 1GHz.....	52
1GHz - 18GHz	54
APPENDIX A.10: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	66
APPENDIX A.11: TEST RESULTS OF CONDUCTED EMISSION ON AC MAINS	78

Appendix A.1: Test Results of 20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW (MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.924	No
NVNT	ANT1	1-DH1	2441.00	0.926	No
NVNT	ANT1	1-DH1	2480.00	0.925	No
NVNT	ANT1	2-DH1	2402.00	1.284	Yes
NVNT	ANT1	2-DH1	2441.00	1.285	Yes
NVNT	ANT1	2-DH1	2480.00	1.285	Yes
NVNT	ANT1	3-DH1	2402.00	1.227	Yes
NVNT	ANT1	3-DH1	2441.00	1.227	Yes
NVNT	ANT1	3-DH1	2480.00	1.225	Yes

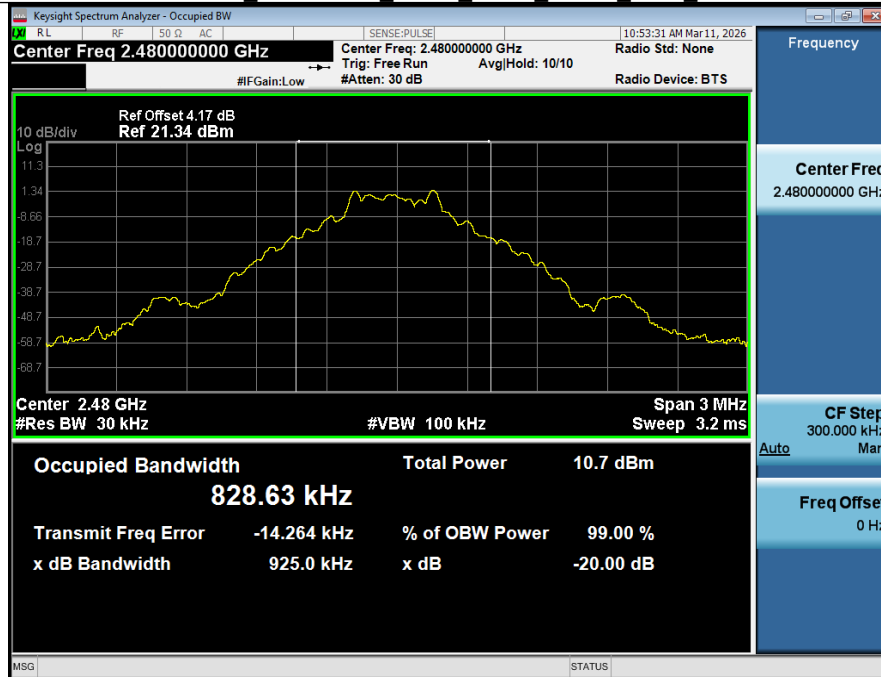
-20dB Bandwidth NVNT ANT1_1-DH1_2402_00



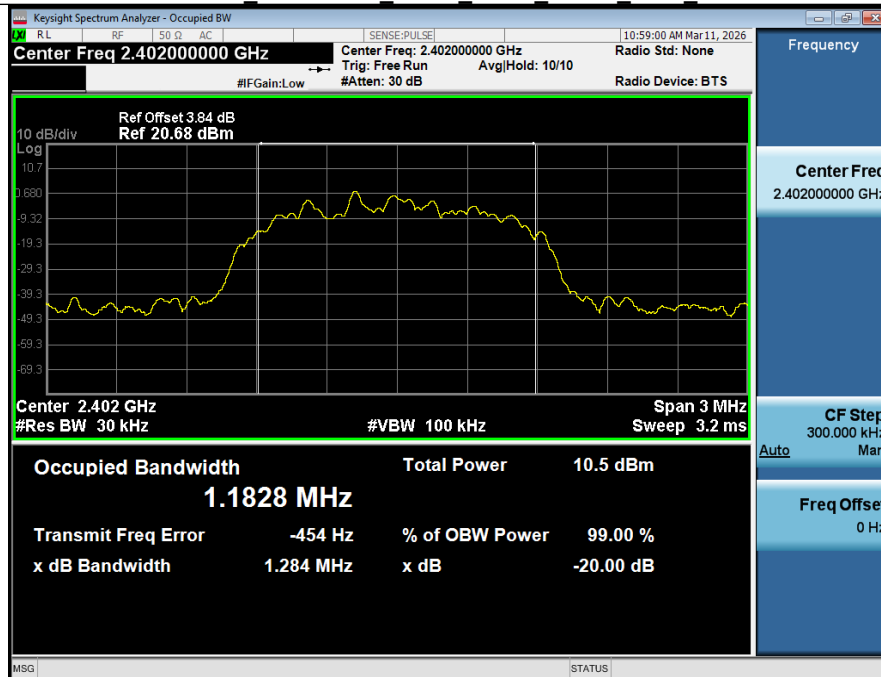
-20dB Bandwidth NVNT ANT1_1-DH1_2441_00



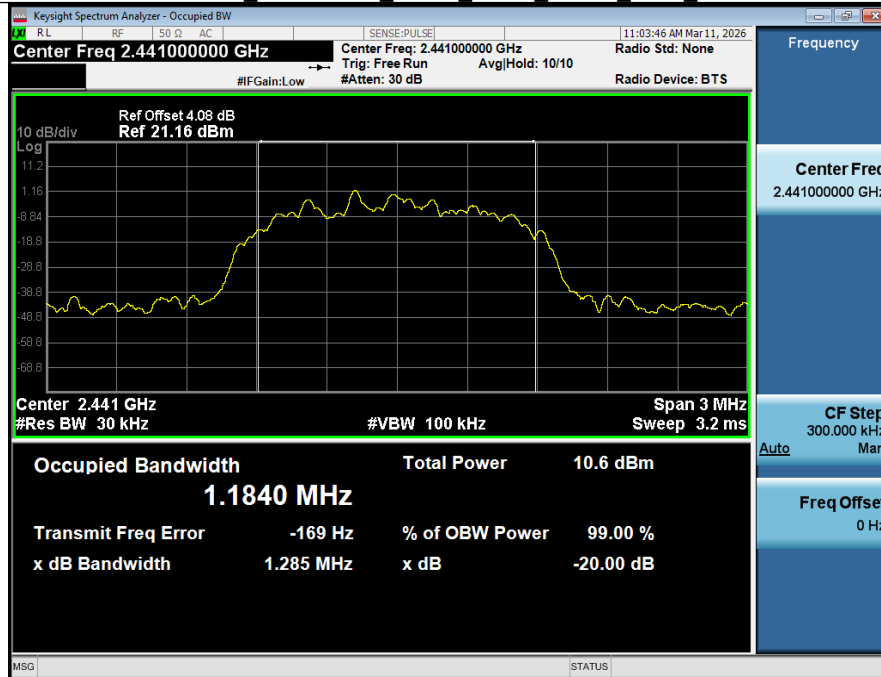
-20dB Bandwidth NVNT ANT1_1-DH1_2480_00



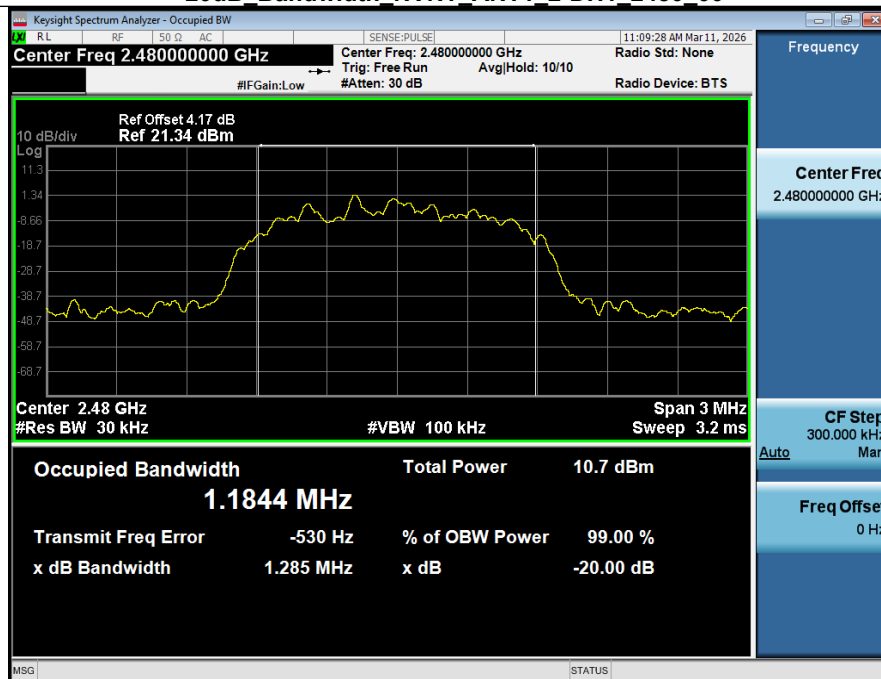
-20dB Bandwidth NVNT ANT1_2-DH1_2402_00



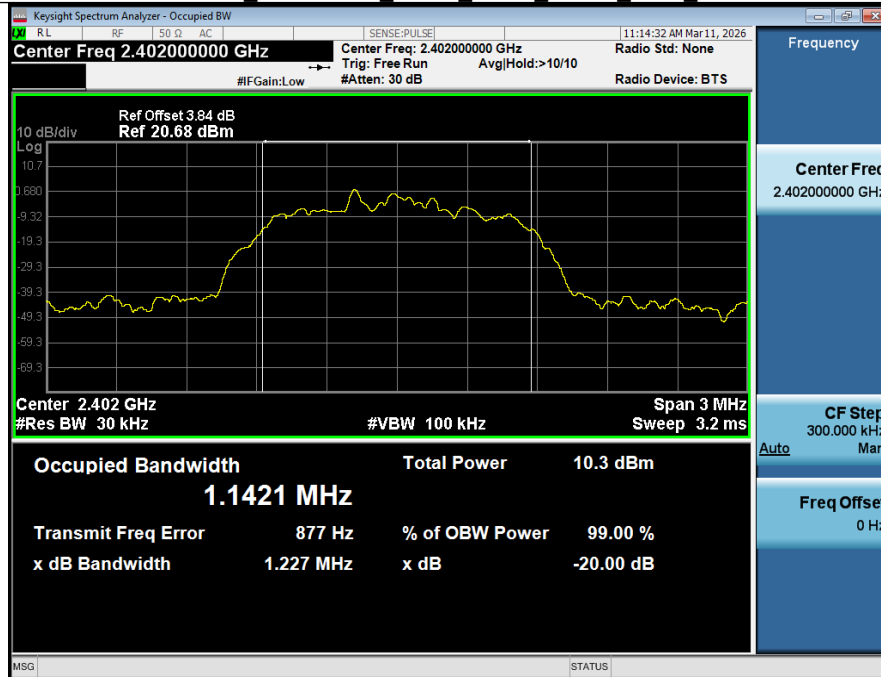
-20dB Bandwidth NVNT ANT1 2-DH1 2441 00



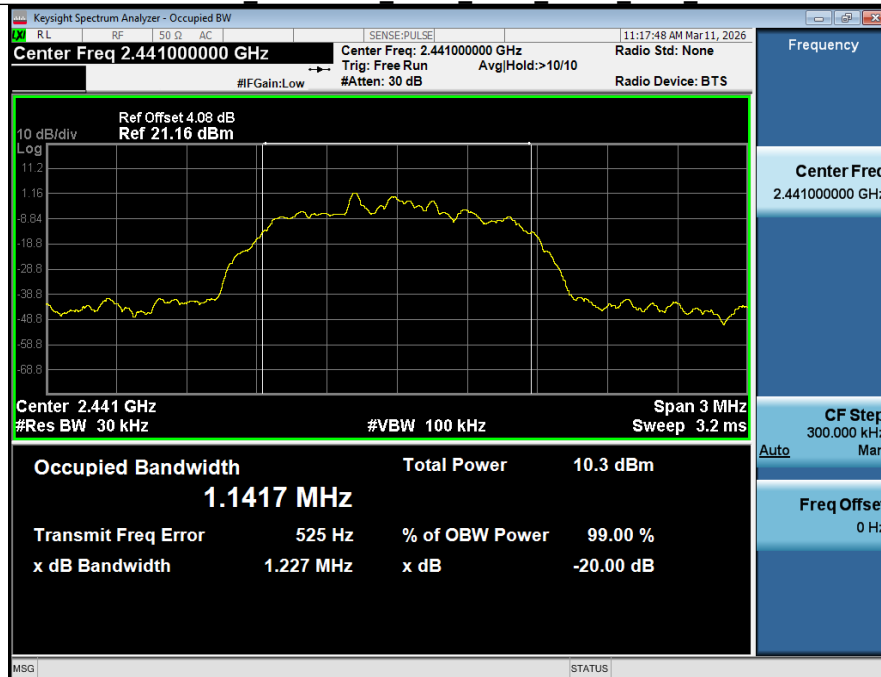
-20dB Bandwidth NVNT ANT1 2-DH1 2480 00

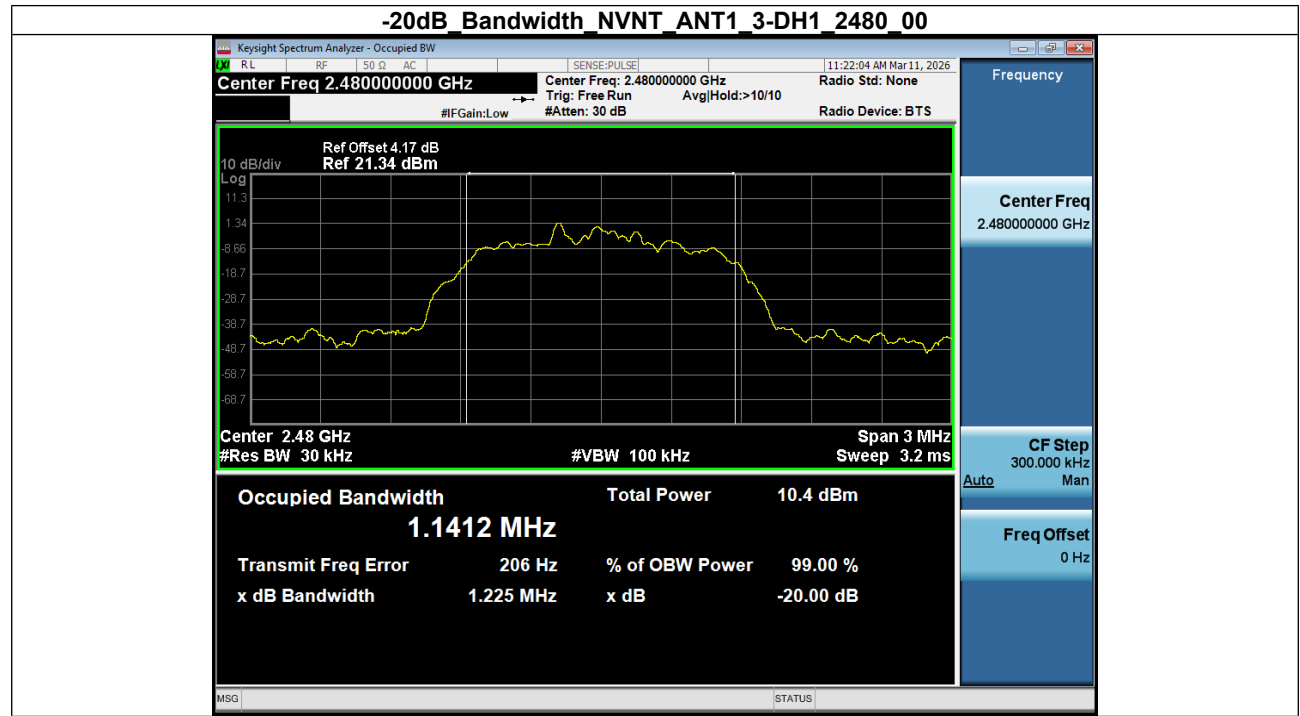


-20dB Bandwidth NVNT ANT1 3-DH1 2402 00



-20dB Bandwidth NVNT ANT1 3-DH1 2441 00

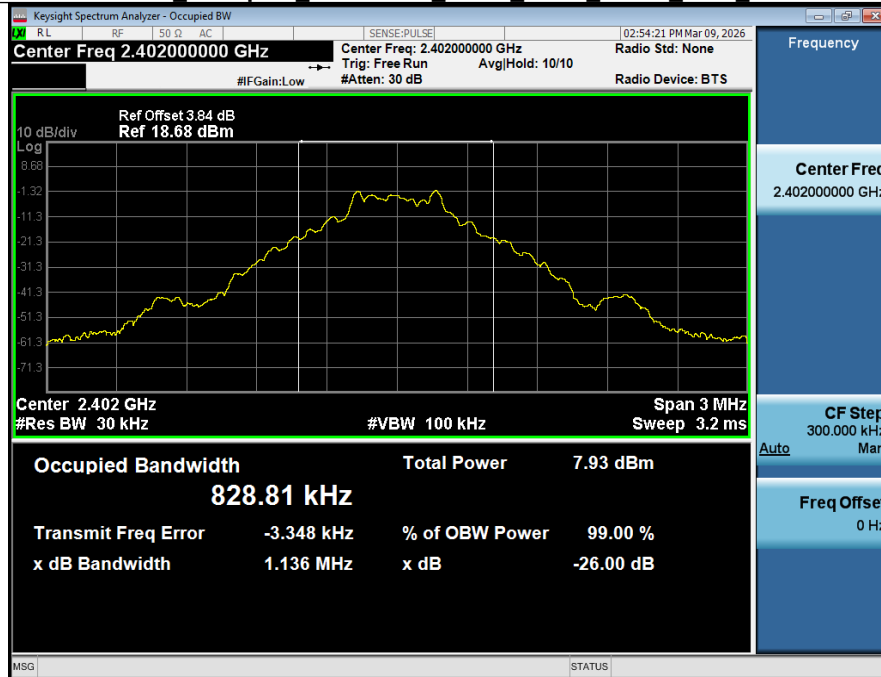




Appendix A.2: Test Results of 99% Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1-DH1	2402.00	0.829
NVNT	ANT1	1-DH1	2441.00	0.828
NVNT	ANT1	1-DH1	2480.00	0.828
NVNT	ANT1	2-DH1	2402.00	1.183
NVNT	ANT1	2-DH1	2441.00	1.184
NVNT	ANT1	2-DH1	2480.00	1.184
NVNT	ANT1	3-DH1	2402.00	1.141
NVNT	ANT1	3-DH1	2441.00	1.141
NVNT	ANT1	3-DH1	2480.00	1.142

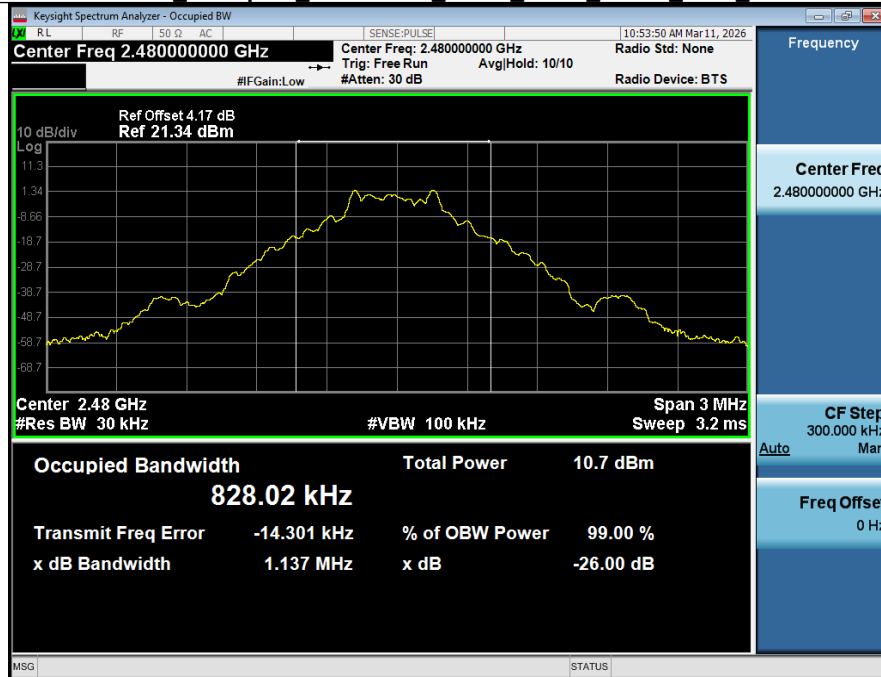
99% Occupied Bandwidth NVNT ANT1 1-DH1 2402 00



99% Occupied Bandwidth NVNT ANT1 1-DH1 2441 00



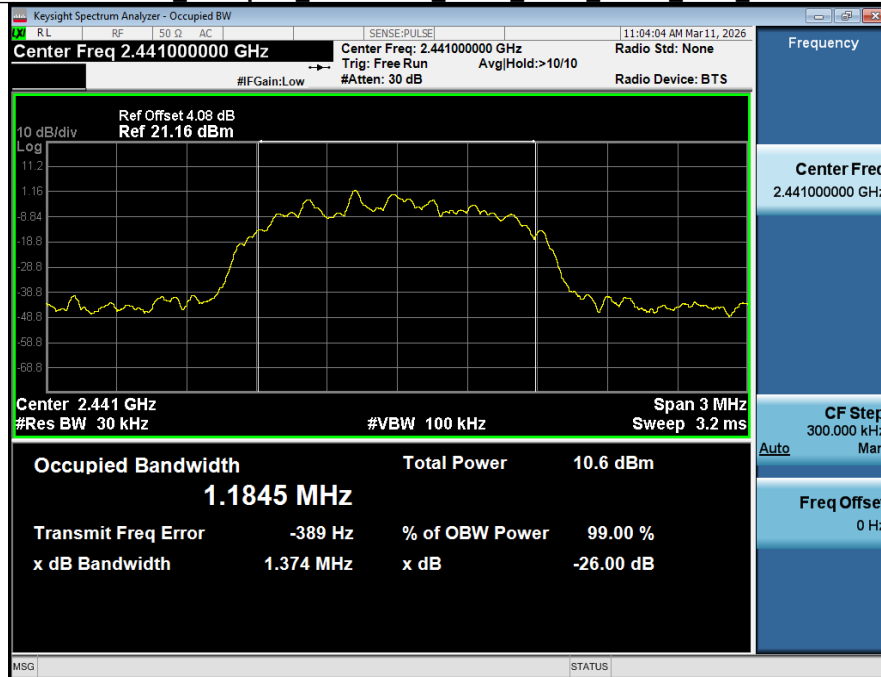
99% Occupied Bandwidth NVNT ANT1 1-DH1 2480 00



99% Occupied Bandwidth NVNT ANT1 2-DH1 2402 00



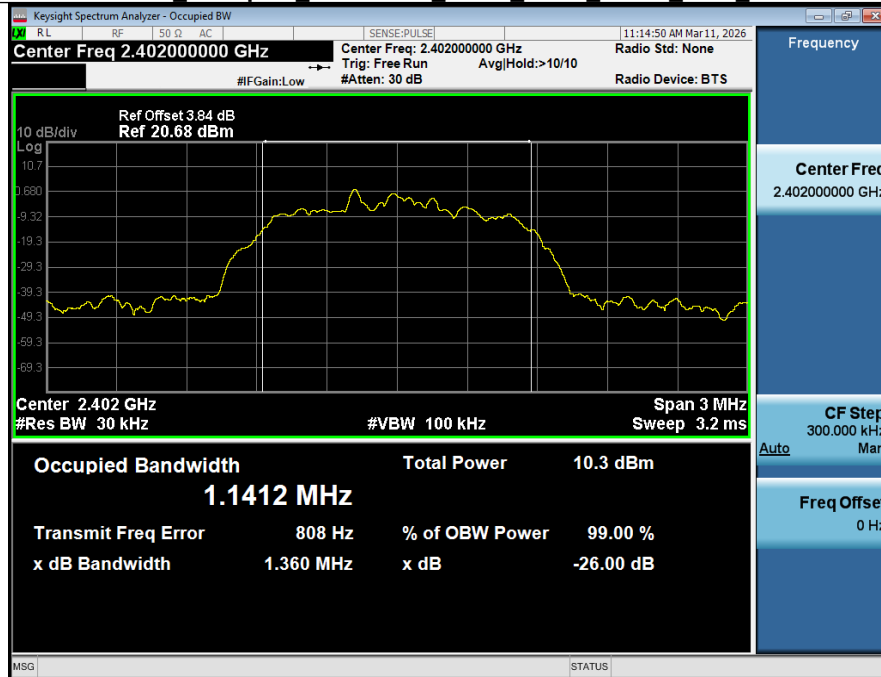
99% Occupied Bandwidth NVNT ANT1 2-DH1 2441 00



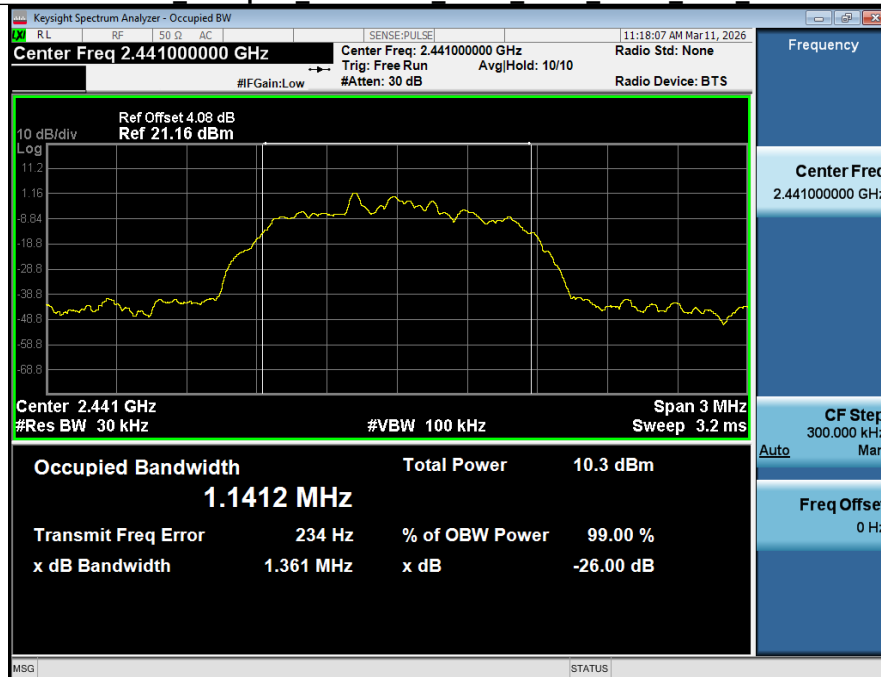
99% Occupied Bandwidth NVNT ANT1 2-DH1 2480 00

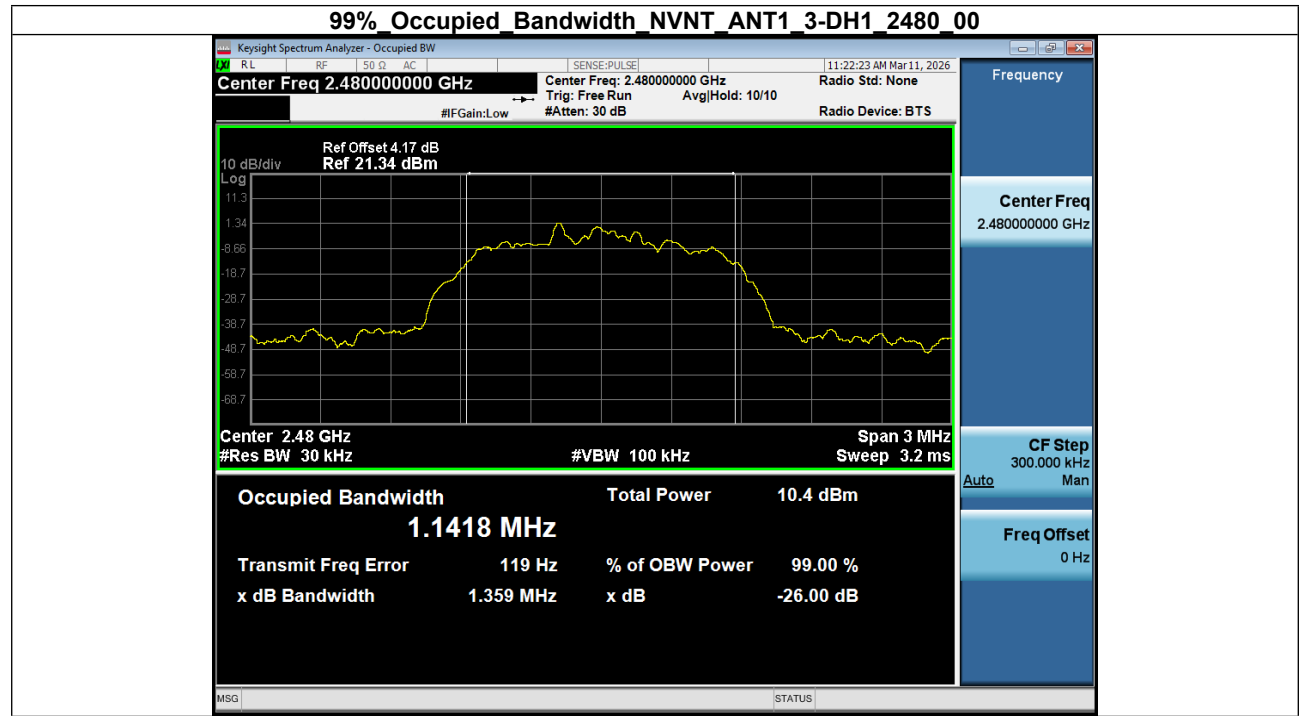


99% Occupied Bandwidth NVNT ANT1 3-DH1 2402 00



99% Occupied Bandwidth NVNT ANT1 3-DH1 2441 00





Appendix A.3: Test Results of Maximum Peak Conducted Output Power

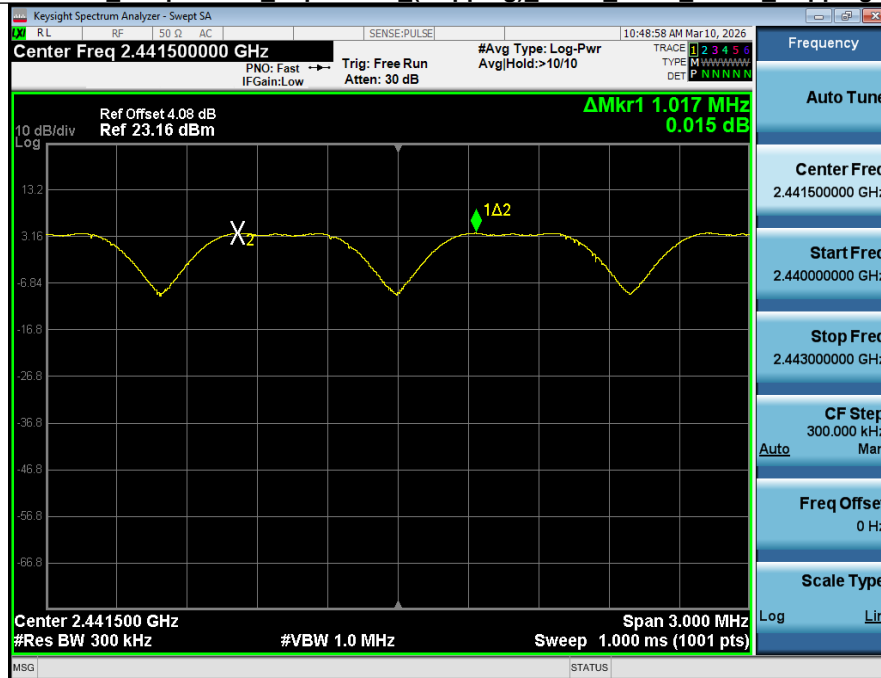
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit (mW)	Result
NVNT	ANT1	1-DH1	2402.00	0.88	1.22	1000	Pass
NVNT	ANT1	1-DH1	2441.00	0.83	1.21	1000	Pass
NVNT	ANT1	1-DH1	2480.00	3.38	2.18	1000	Pass
NVNT	ANT1	2-DH1	2402.00	4.47	2.80	125	Pass
NVNT	ANT1	2-DH1	2441.00	4.55	2.85	125	Pass
NVNT	ANT1	2-DH1	2480.00	4.68	2.94	125	Pass
NVNT	ANT1	3-DH1	2402.00	5.15	3.28	125	Pass
NVNT	ANT1	3-DH1	2441.00	5.19	3.30	125	Pass
NVNT	ANT1	3-DH1	2480.00	5.37	3.44	125	Pass

Max. e.i.r.p.=5.37dBm+1.22dBi=6.59dBm, which is less than 36dBm=4W.

Appendix A.4: Test Results of Carrier Frequency Separation

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	2440.816	2441.833	1.02	0.926	Pass
NVNT	ANT1	2-DH1	2441.00	2440.825	2441.818	0.99	0.856	Pass
NVNT	ANT1	3-DH1	2441.00	2440.834	2441.821	0.99	0.817	Pass

Carrier_Frequencies_Separation (Hopping) NVNT ANT1 1-DH1 Hopping



Carrier_Frequencies_Separation (Hopping) NVNT ANT1 2-DH1 Hopping



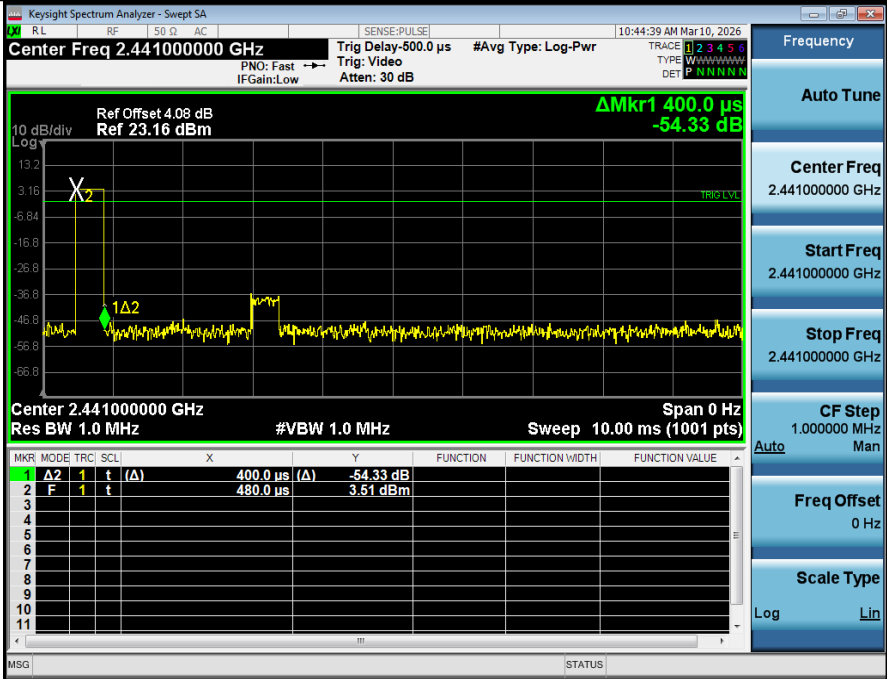
Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



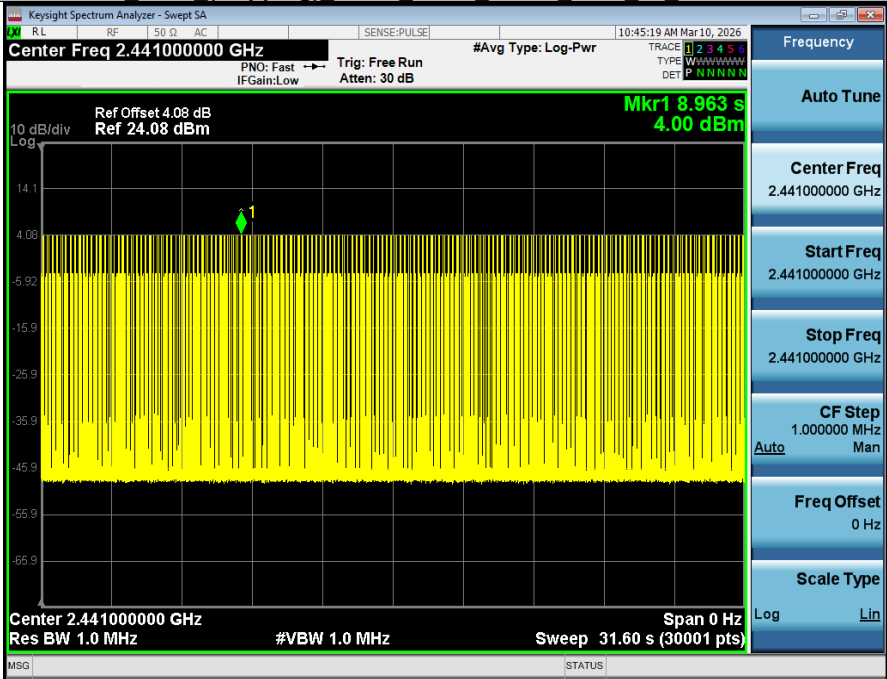
Appendix A.5: Test Results of Time of Occupancy

Condition	Antenna	Packet Type	Pulse Time (ms)	Hops	Dwell Time (ms)	Limit (s)	Result
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	2-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	158.00	260.700	0.40	Pass
NVNT	ANT1	1-DH5	2.890	107.00	309.230	0.40	Pass
NVNT	ANT1	2-DH3	1.650	162.00	267.300	0.40	Pass
NVNT	ANT1	2-DH5	2.900	108.00	313.200	0.40	Pass
NVNT	ANT1	3-DH3	1.650	162.00	267.300	0.40	Pass
NVNT	ANT1	3-DH5	2.900	89.00	258.100	0.40	Pass

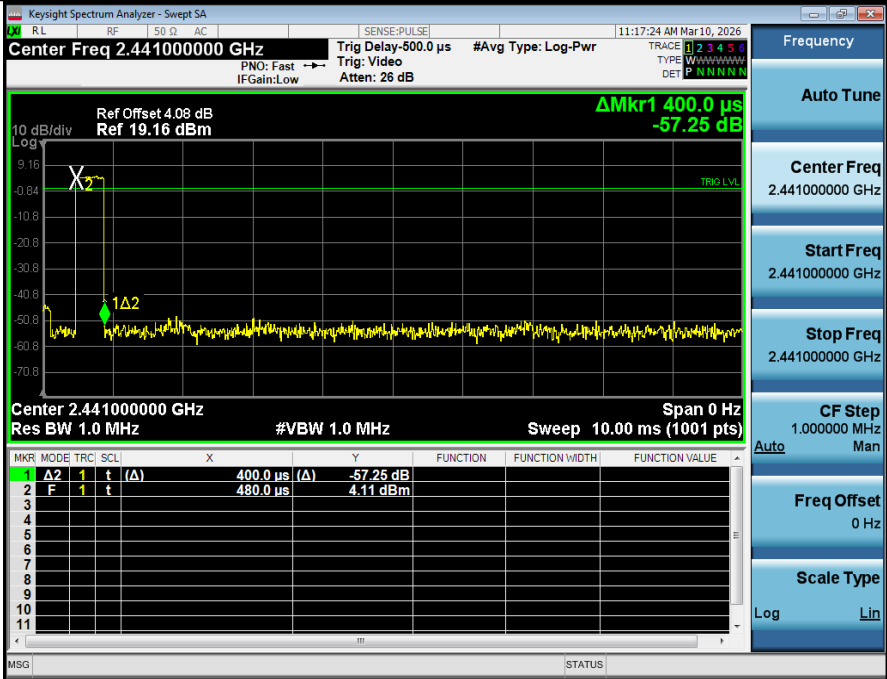
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 One Burst Time



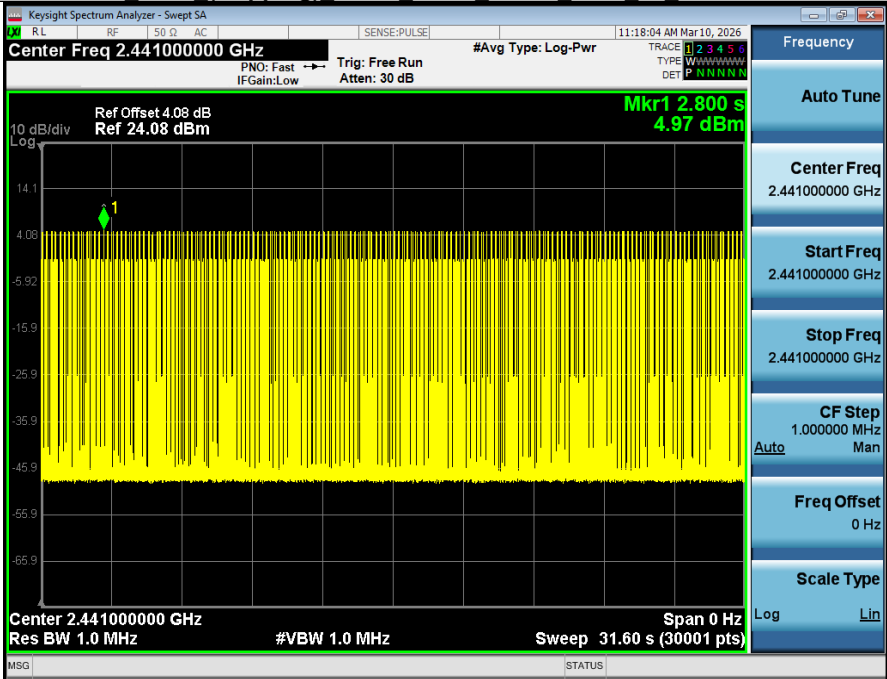
Dwell Time (Hopping) NVNT ANT1 1-DH1 2441 00 Accumulated



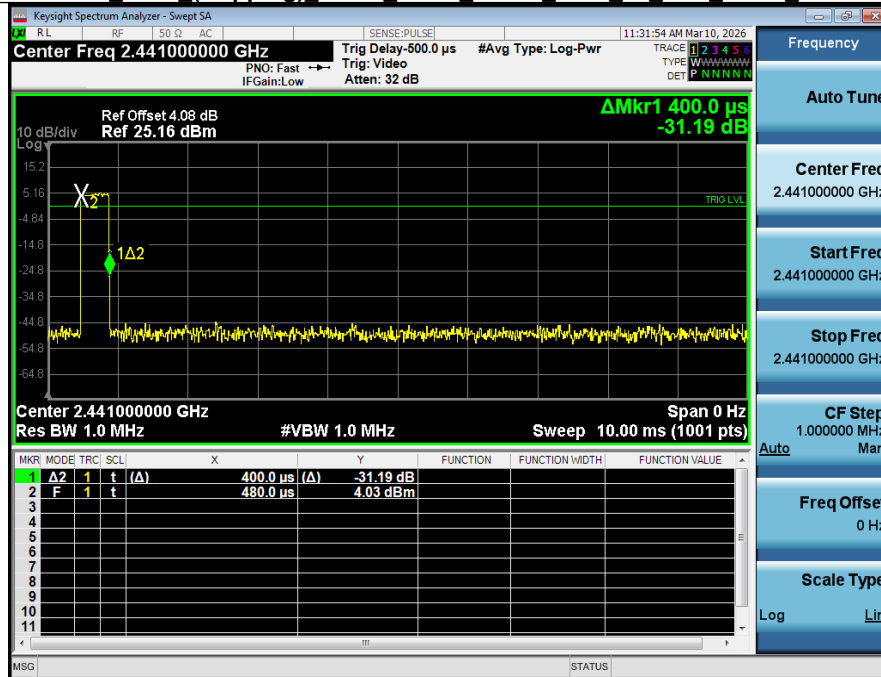
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 One Burst Time



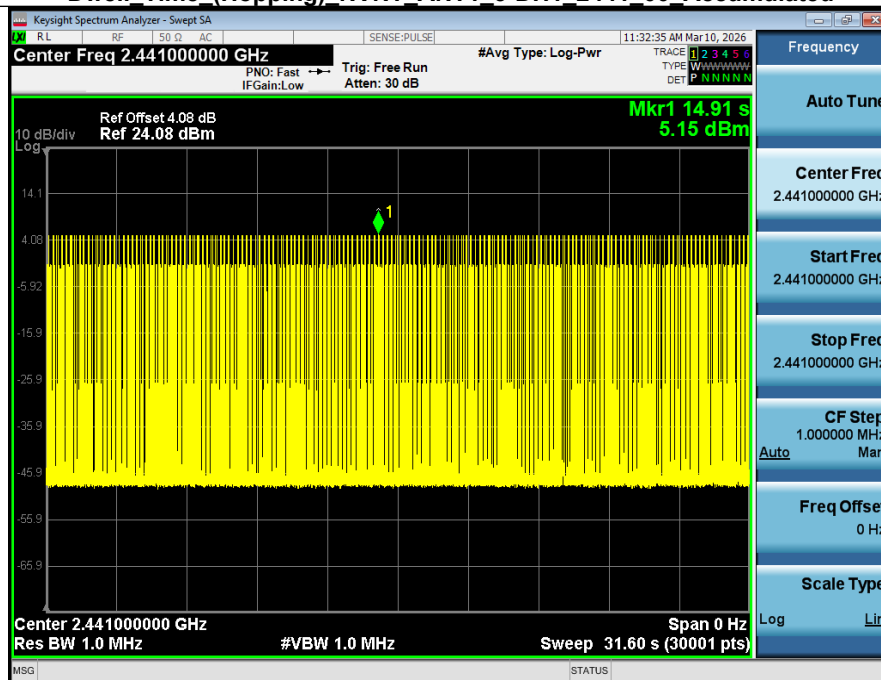
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 00 Accumulated



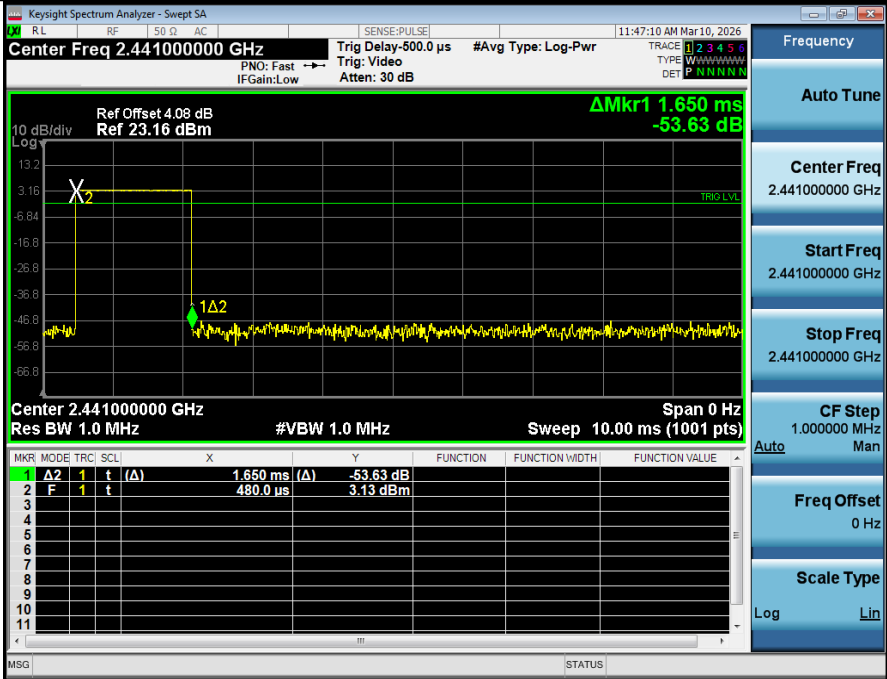
Dwell Time (Hopping) NVNT ANT1 3-DH1 2441 00 One Burst Time



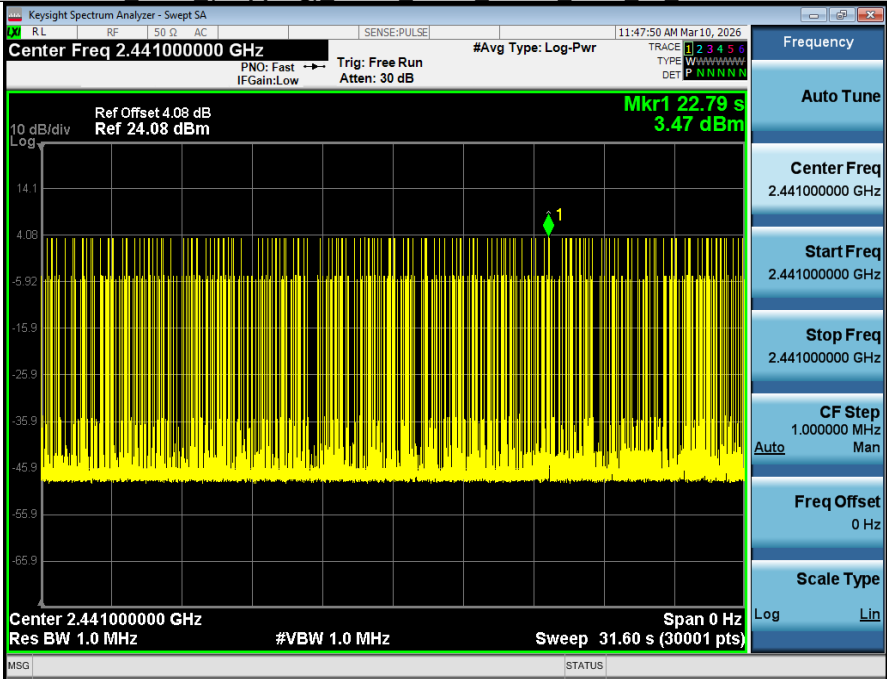
Dwell Time (Hopping) NVNT ANT1 3-DH1 2441 00 Accumulated



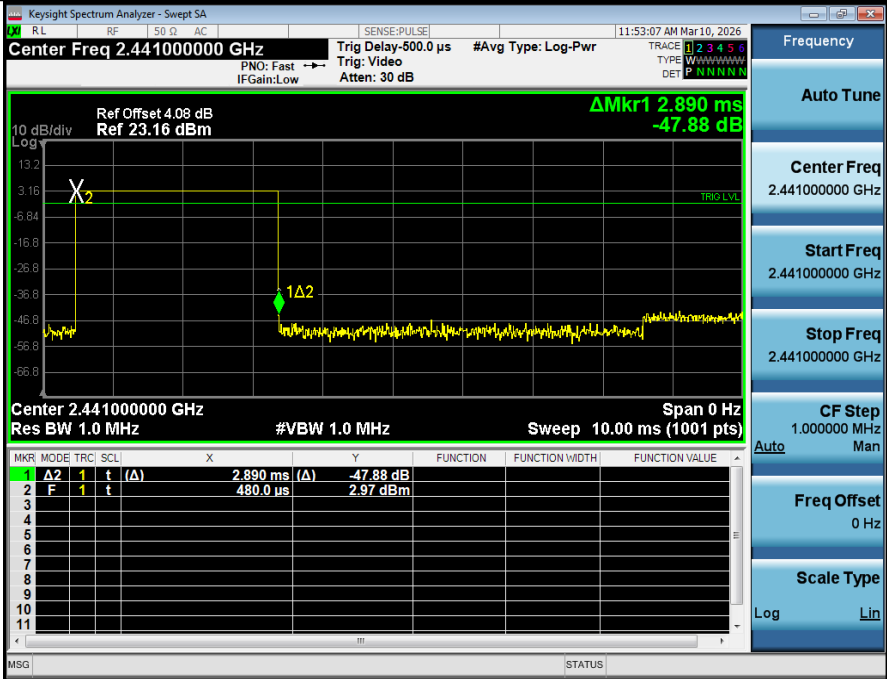
Dwell Time (Hopping) NVNT ANT1 1-DH3 2441 00 One Burst Time



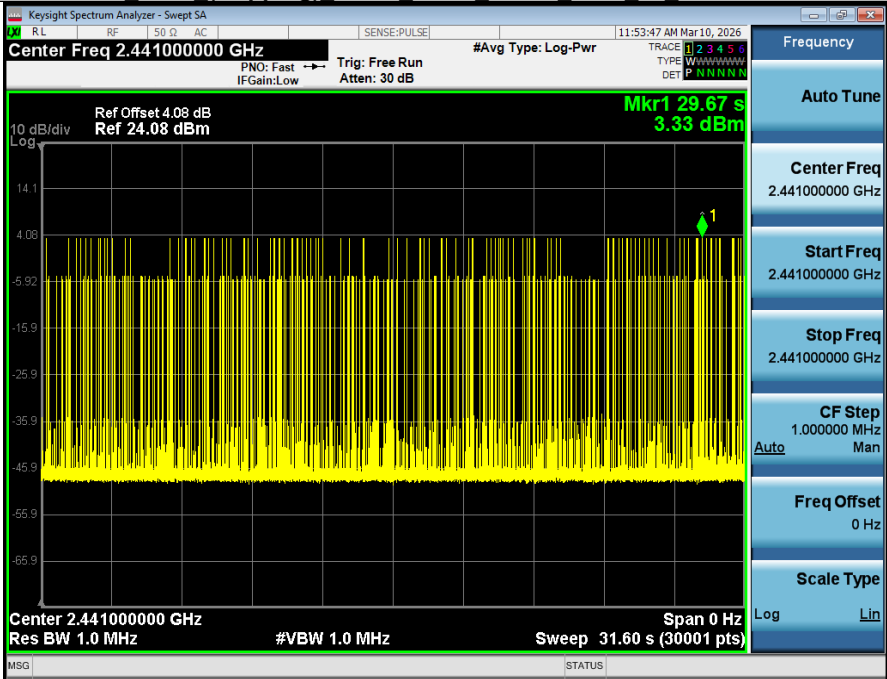
Dwell Time (Hopping) NVNT ANT1 1-DH3 2441 00 Accumulated



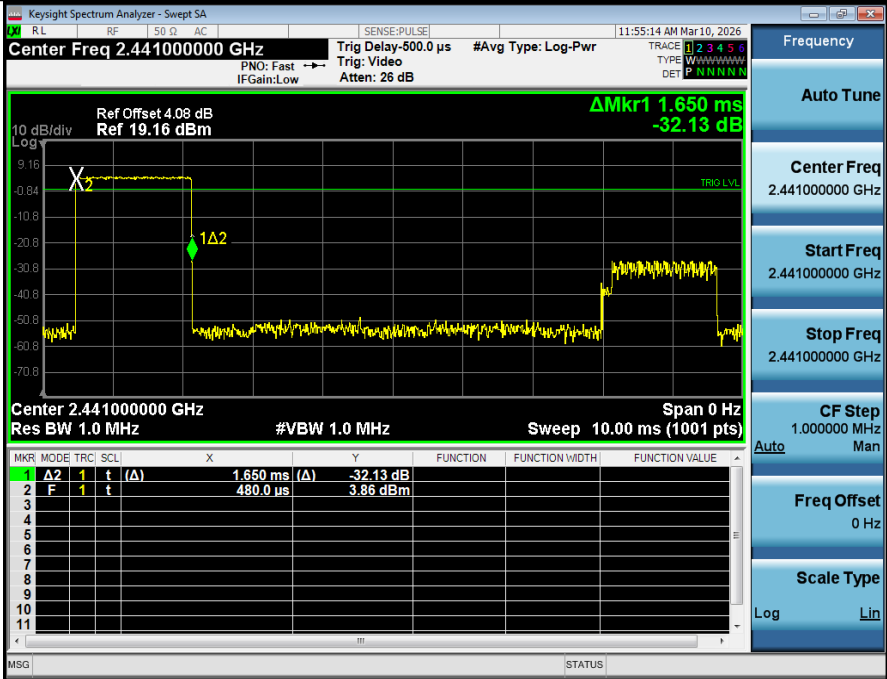
Dwell Time (Hopping) NVNT ANT1 1-DH5 2441 00 One Burst Time



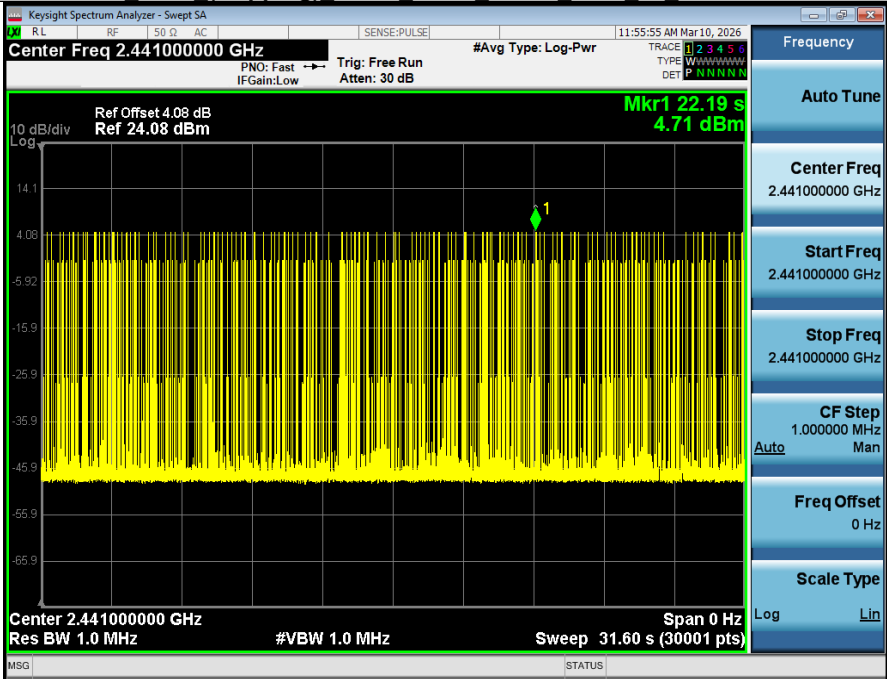
Dwell Time (Hopping) NVNT ANT1 1-DH5 2441 00 Accumulated



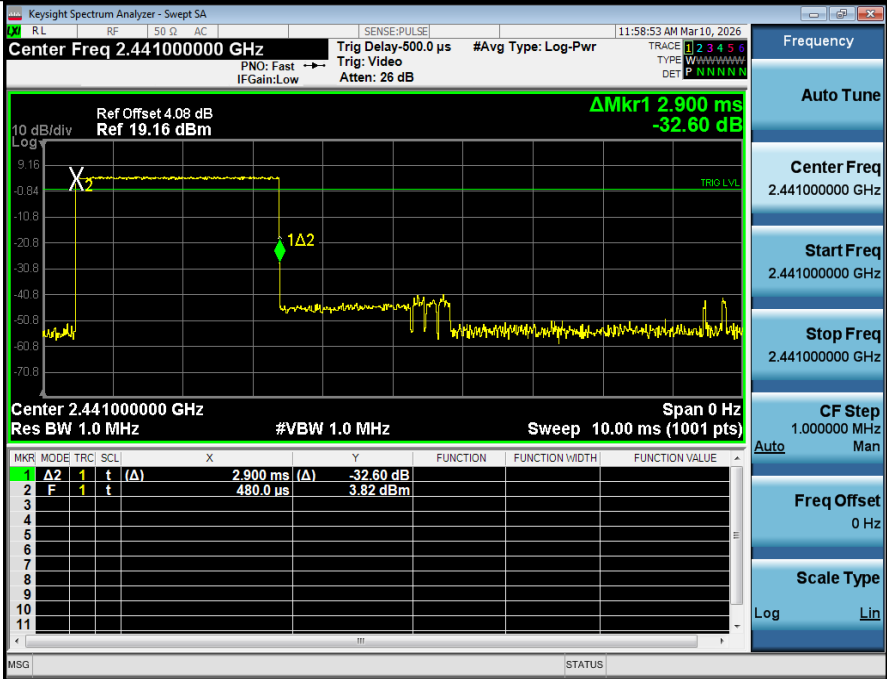
Dwell Time (Hopping) NVNT ANT1 2-DH3 2441 00 One Burst Time



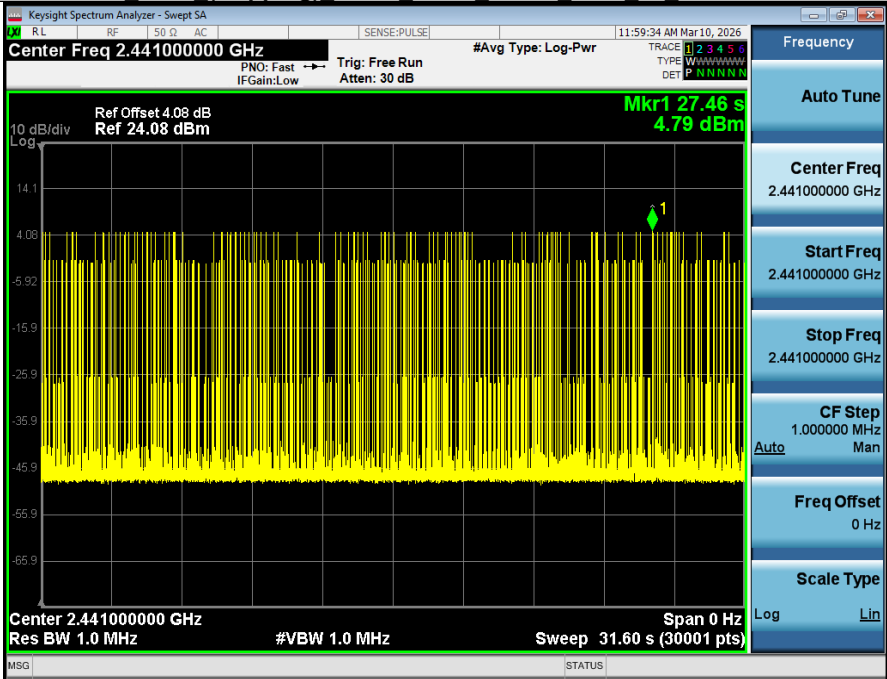
Dwell Time (Hopping) NVNT ANT1 2-DH3 2441 00 Accumulated



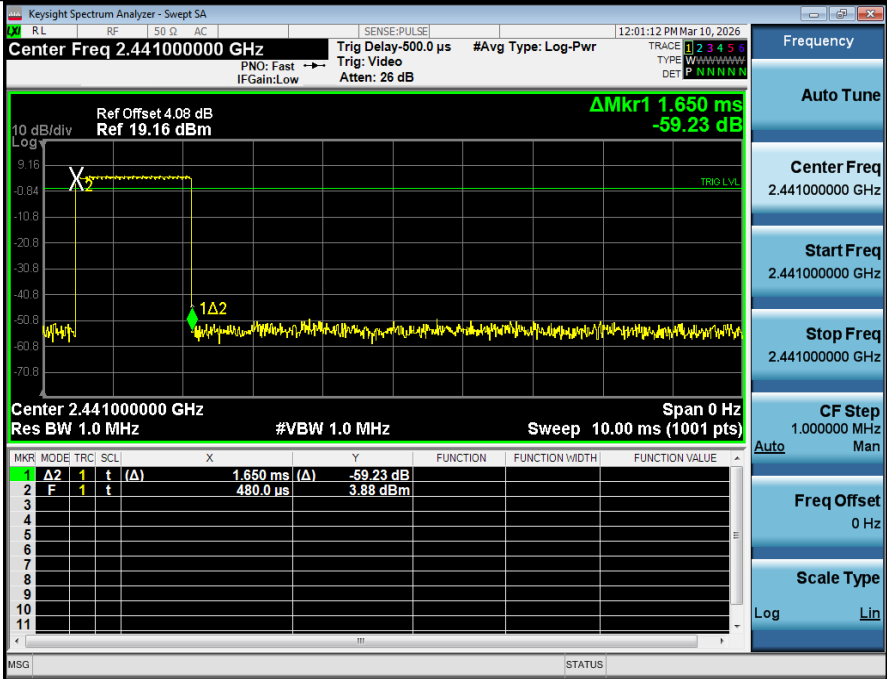
Dwell Time (Hopping) NVNT ANT1 2-DH5 2441 00 One Burst Time



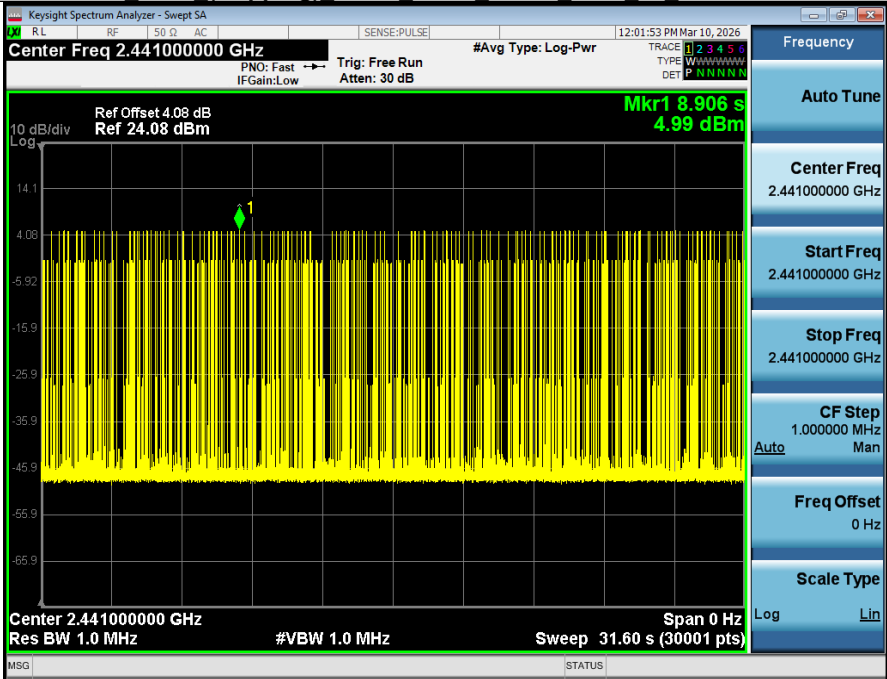
Dwell Time (Hopping) NVNT ANT1 2-DH5 2441 00 Accumulated



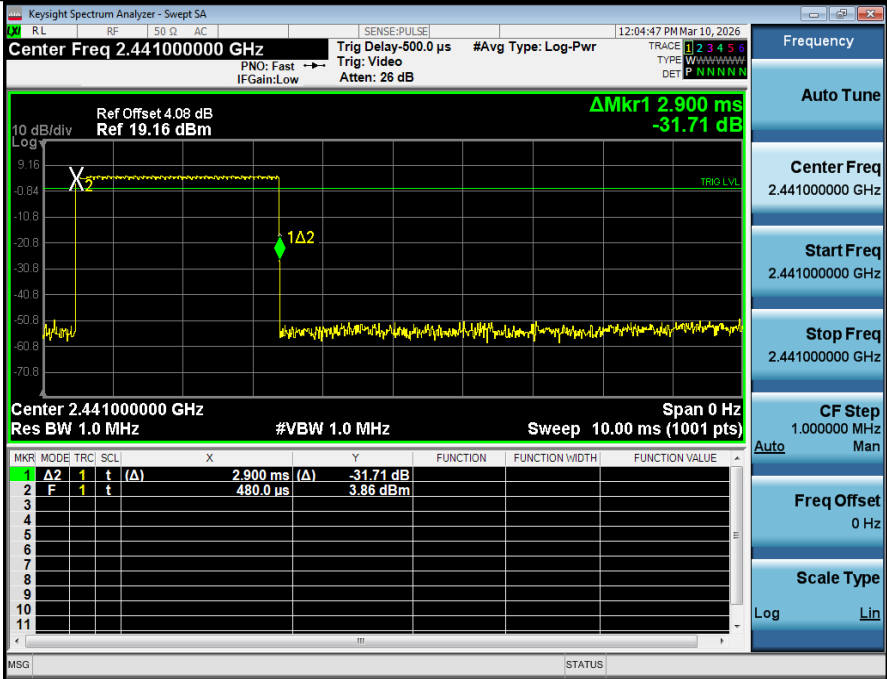
Dwell Time (Hopping) NVNT ANT1 3-DH3 2441 00 One Burst Time



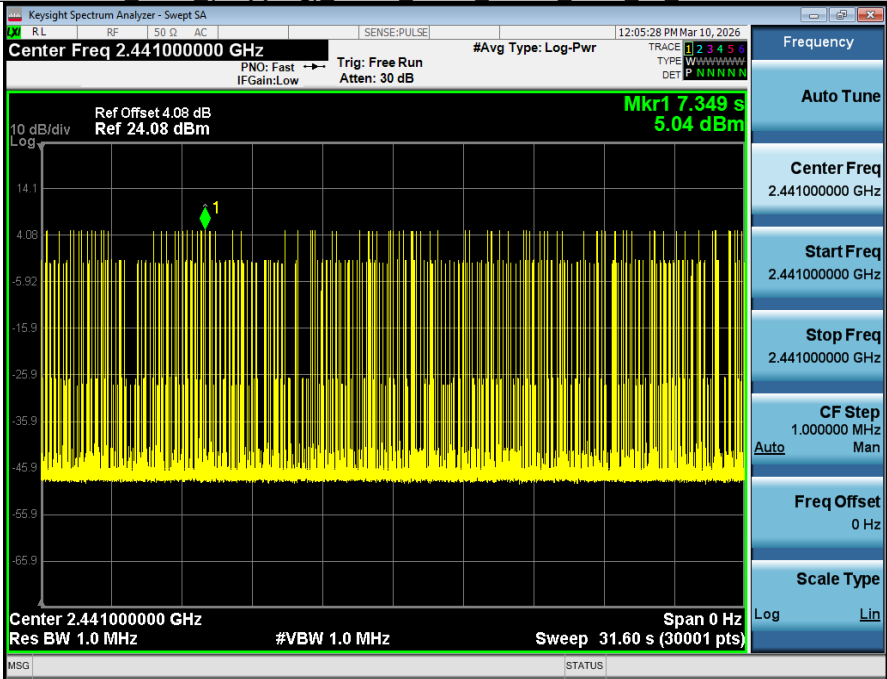
Dwell Time (Hopping) NVNT ANT1 3-DH3 2441 00 Accumulated



Dwell Time (Hopping) NVNT ANT1 3-DH5 2441 00 One Burst Time



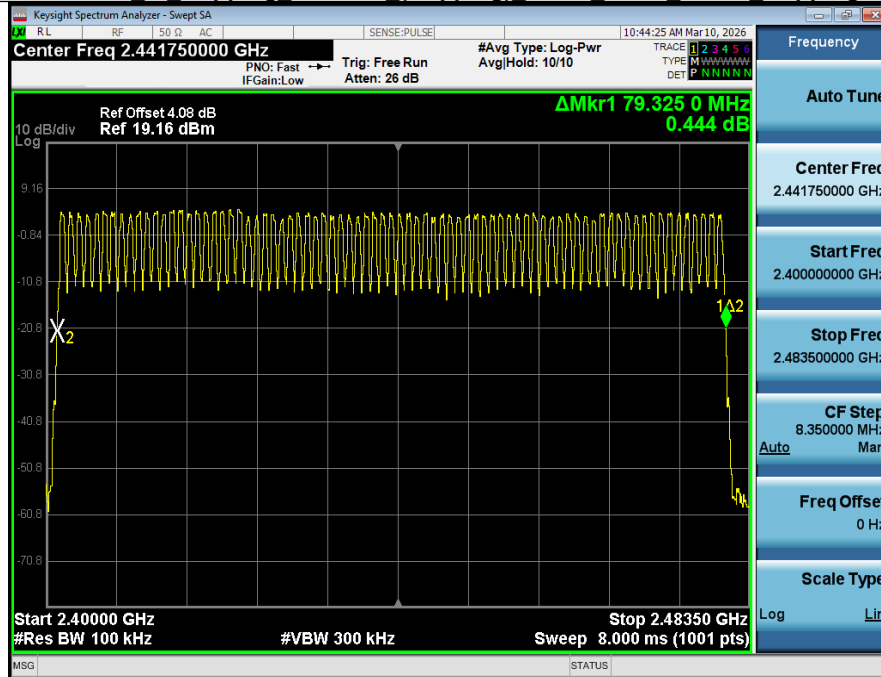
Dwell Time (Hopping) NVNT ANT1 3-DH5 2441 00 Accumulated



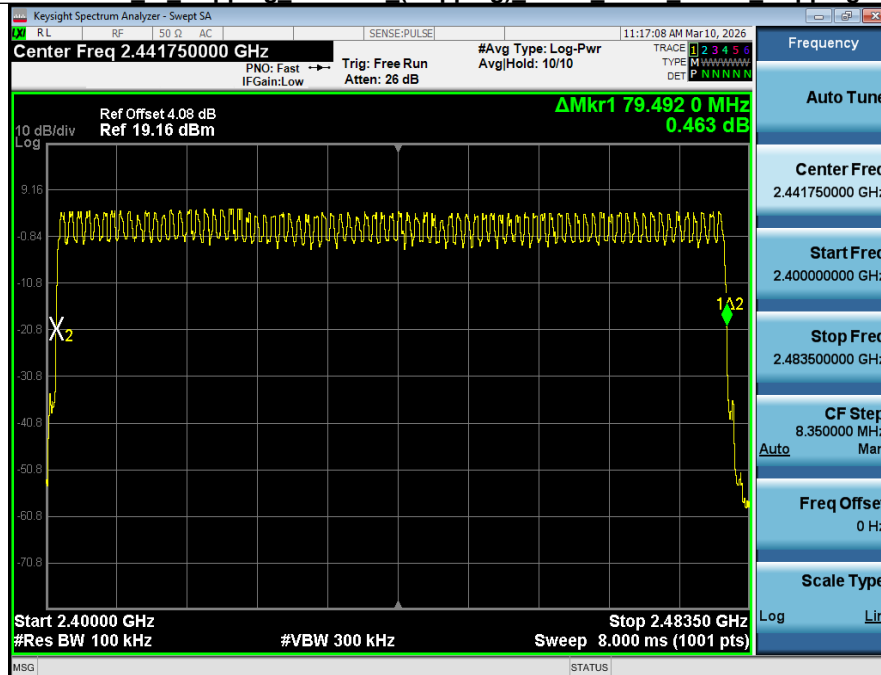
Appendix A.6: Test Results of Number of Hopping Frequency

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

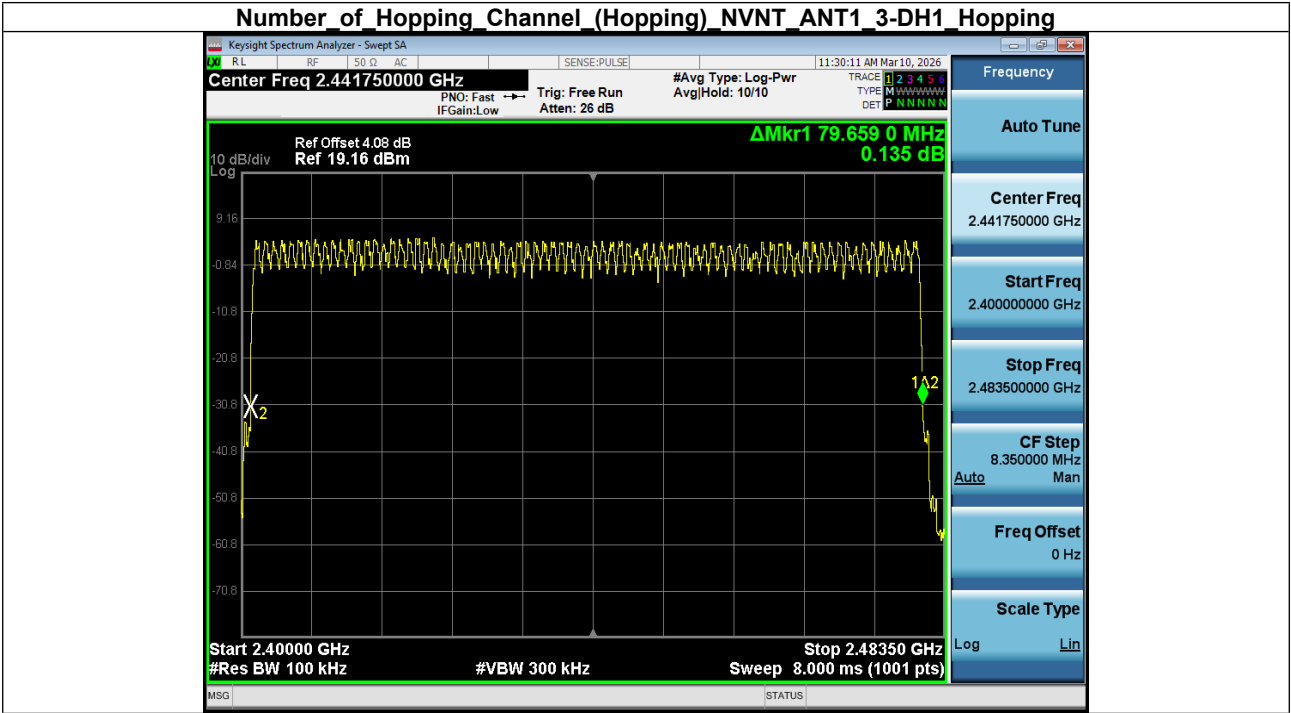
Number of Hopping Channel (Hopping) NVNT ANT1 1-DH1 Hopping



Number of Hopping Channel (Hopping) NVNT ANT1 2-DH1 Hopping



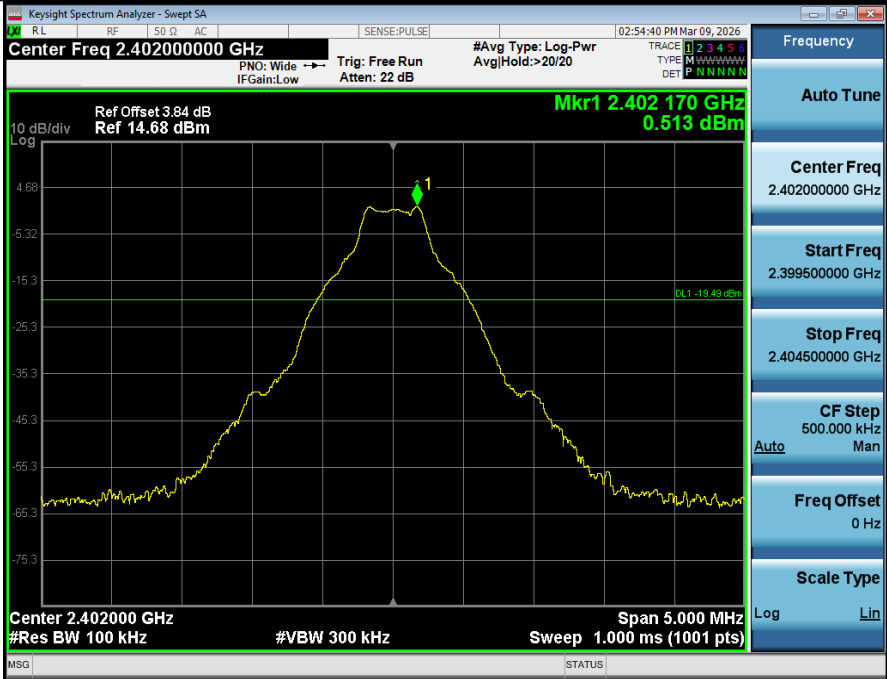
Number of Hopping Channel (Hopping) NVNT ANT1 3-DH1 Hopping



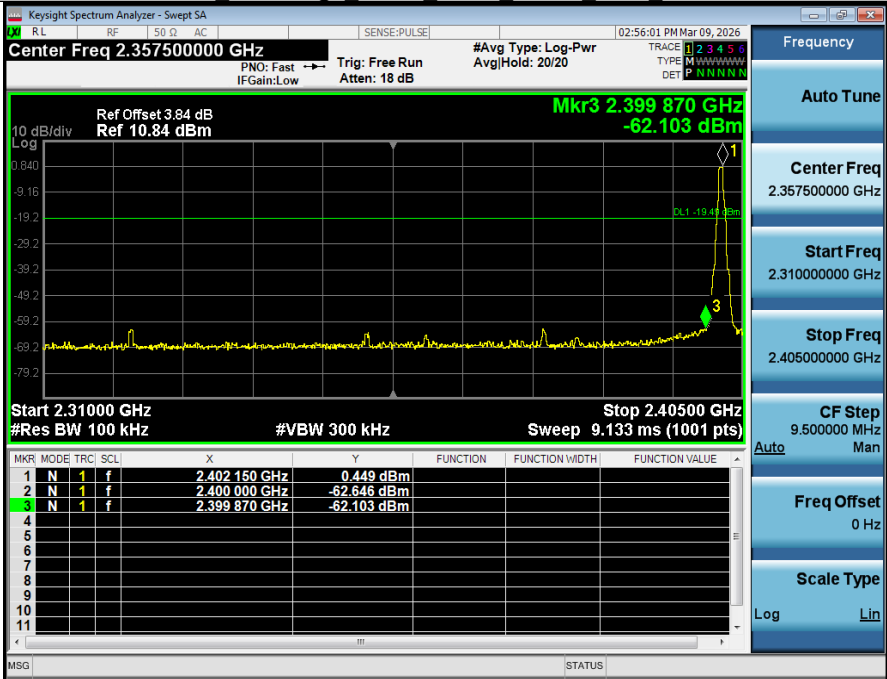
Appendix A.7: Test Results of Band Edge Measurements

Condition	Antenna	Modulation	TX Mode	Ref_level (dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.513	-62.103	-19.487	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	4.569	-56.588	-15.431	Pass
NVNT	ANT1	1-DH1	2480.00	3.289	-56.074	-16.711	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	4.498	-56.592	-15.502	Pass
NVNT	ANT1	2-DH1	2402.00	3.048	-53.914	-16.952	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	4.979	-52.976	-15.021	Pass
NVNT	ANT1	2-DH1	2480.00	3.296	-57.569	-16.704	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	4.911	-55.601	-15.089	Pass
NVNT	ANT1	3-DH1	2402.00	3.117	-54.910	-16.883	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	4.751	-53.658	-15.249	Pass
NVNT	ANT1	3-DH1	2480.00	3.277	-58.841	-16.723	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	5.038	-56.304	-14.962	Pass

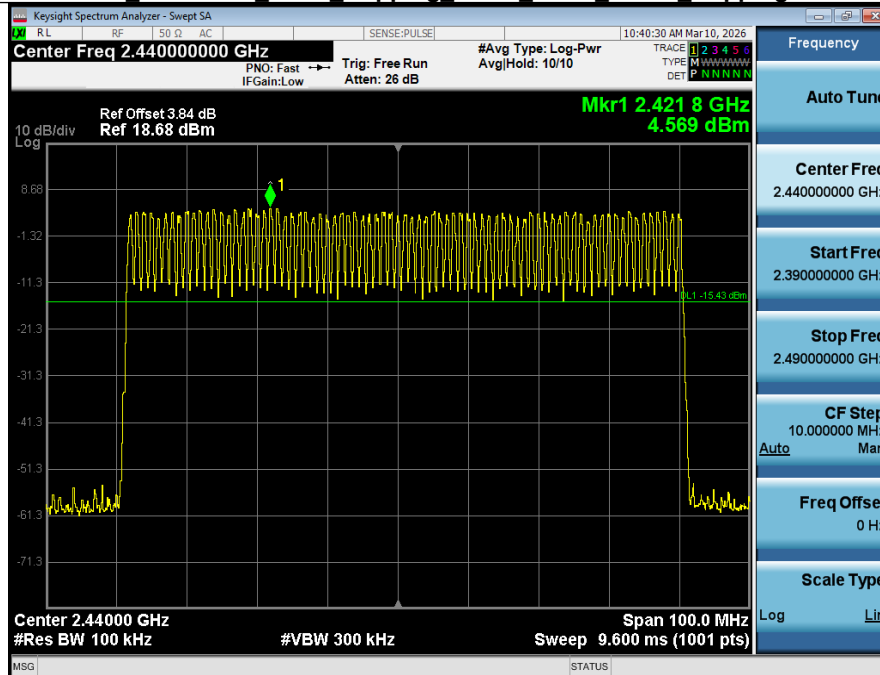
1 Reference Level NVNT ANT1 1-DH1 2402 00



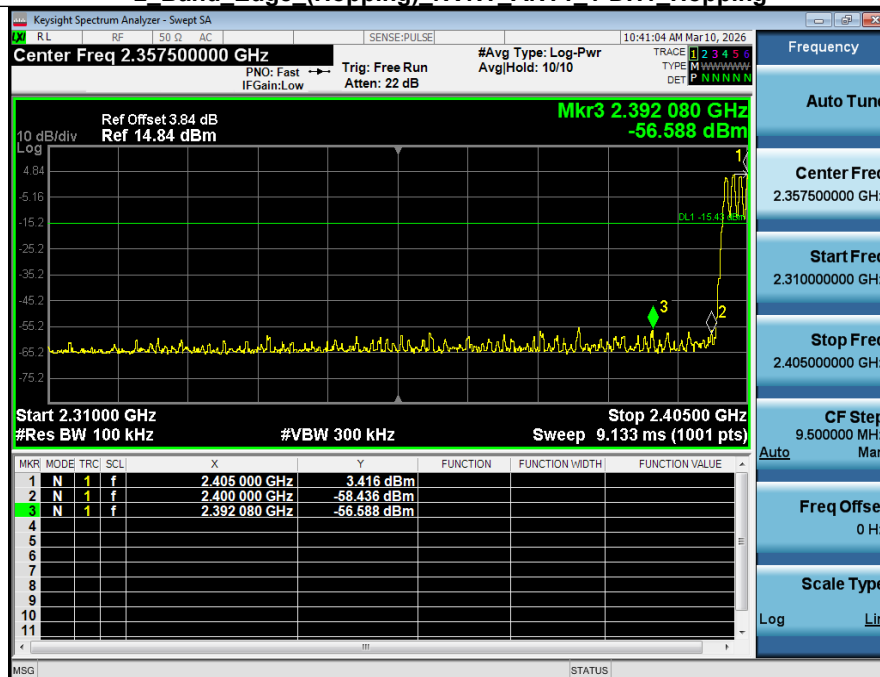
2 Bandedge NVNT ANT1 1-DH1 2402 00



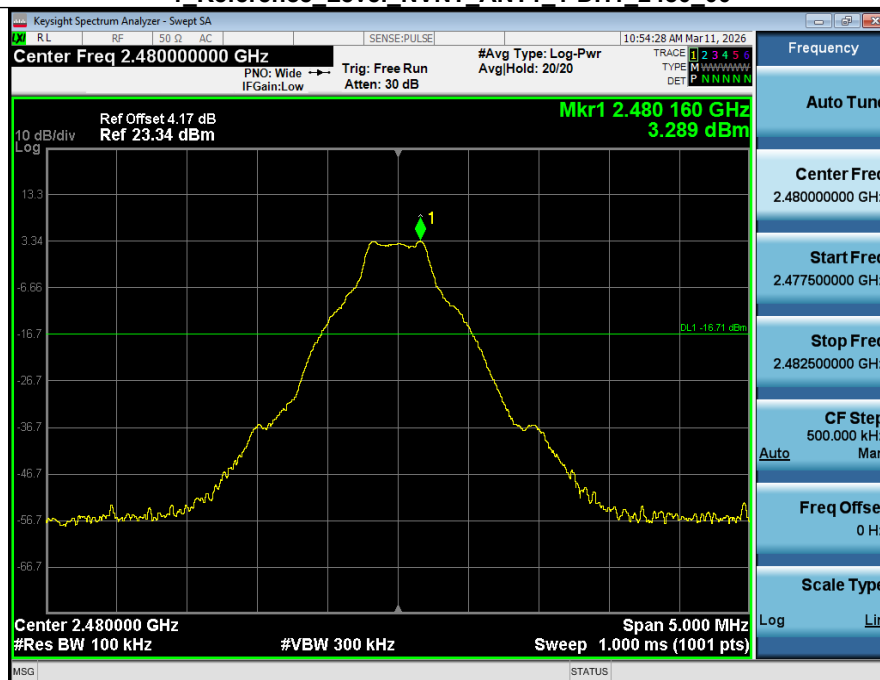
1	Reference_Level_Hopping	NVNT_ANT1	1-DH1_Hopping
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
6	0	0	0
7	0	0	0
8	0	0	0
9	0	0	0
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100	0	0	0



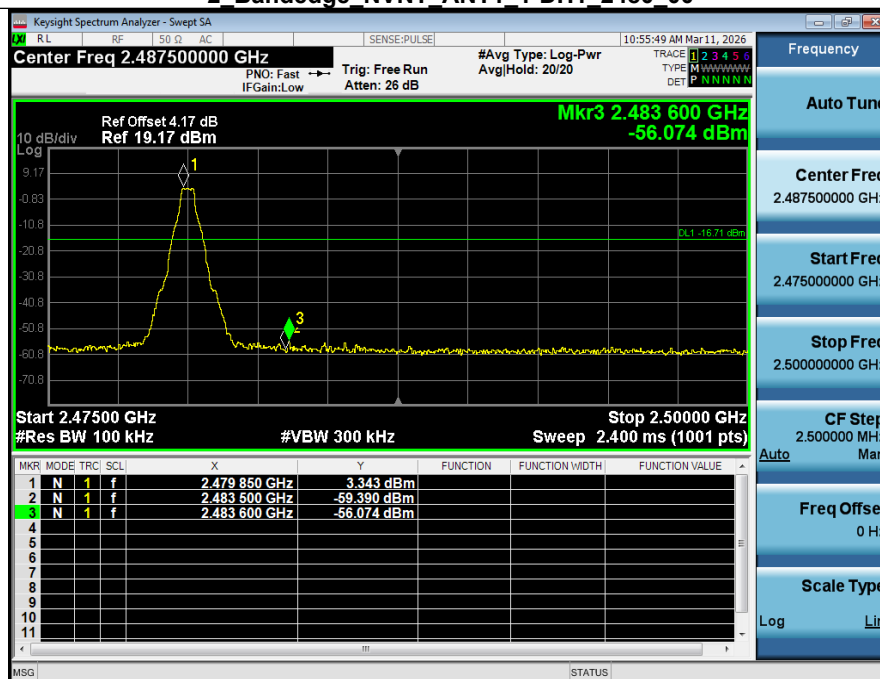
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



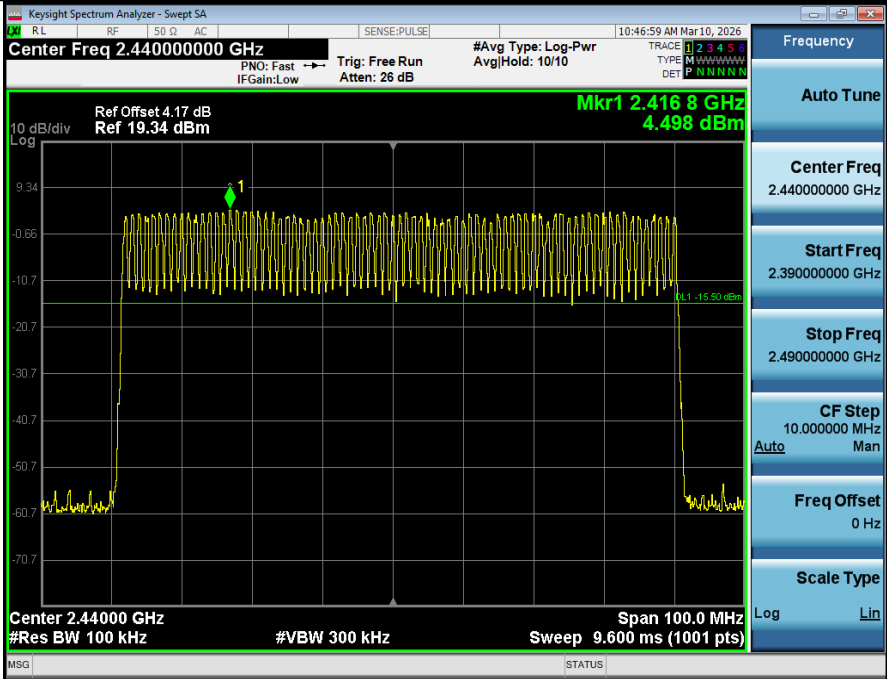
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



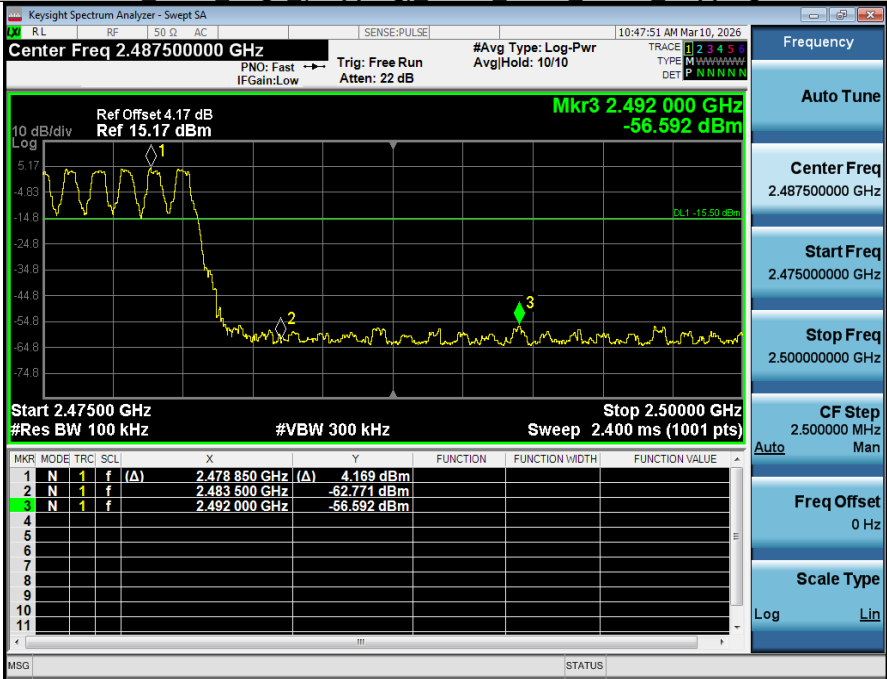
2 Bandedge NVNT ANT1 1-DH1 2480 00



1 Reference Level Hopping NVNT_ANT1_1-DH1_Hopping



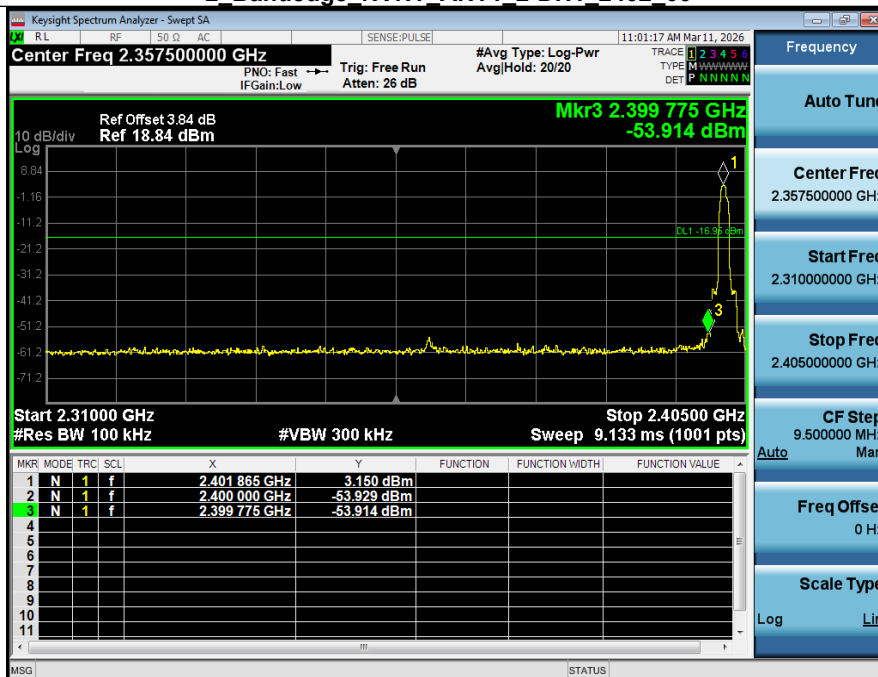
2 Band Edge (Hopping) NVNT_ANT1_1-DH1_Hopping



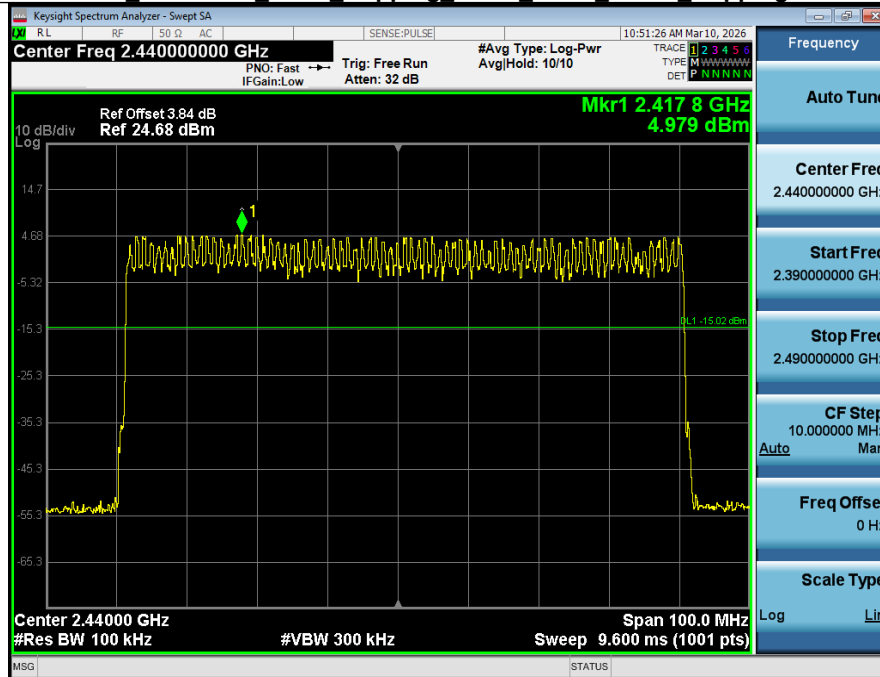
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



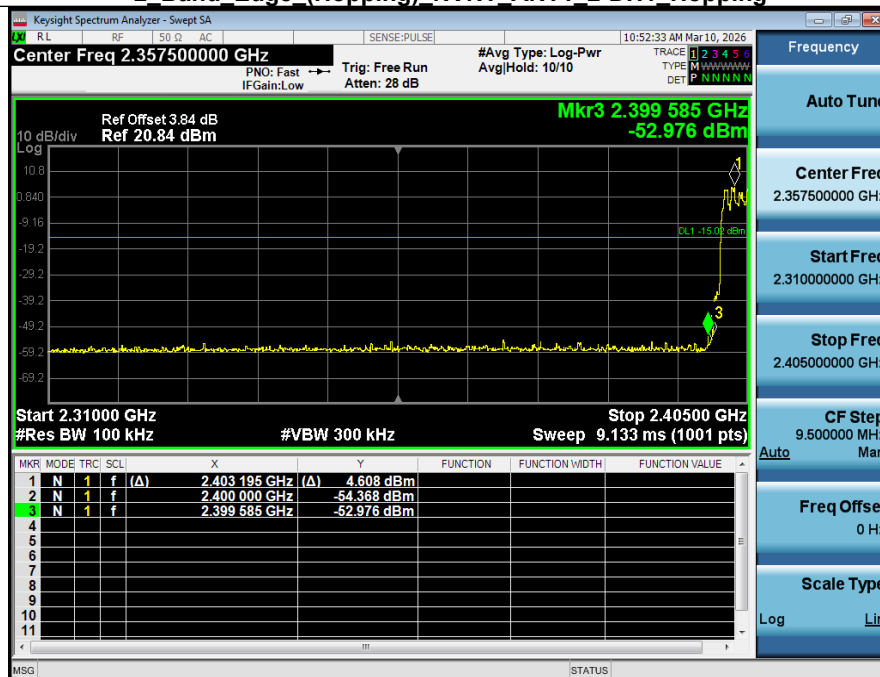
2 Bandedge NVNT ANT1 2-DH1 2402 00



1	Reference	Level	Hopping	NVNT	ANT1	2-DH1	Hopping
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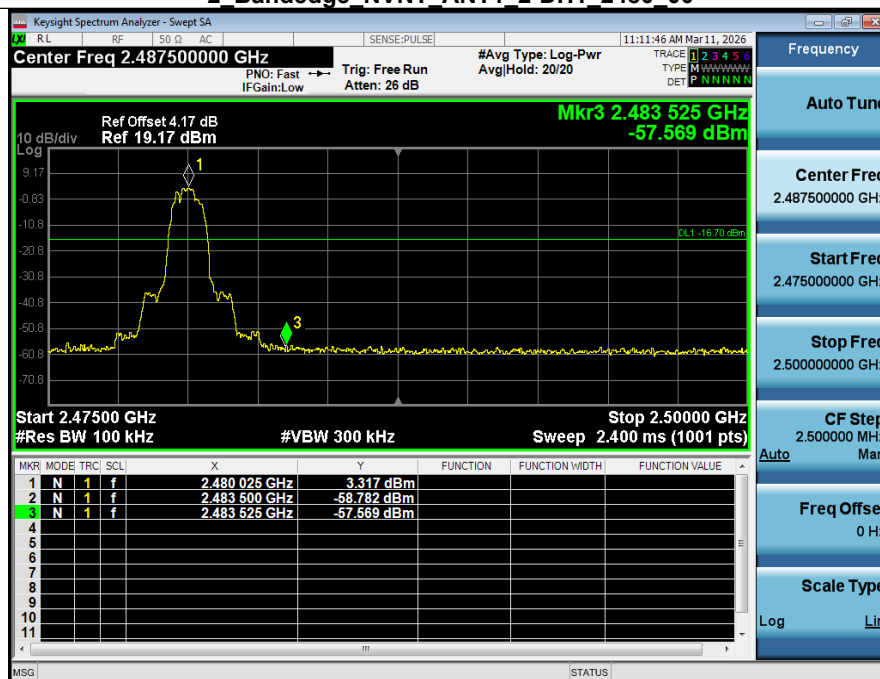
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



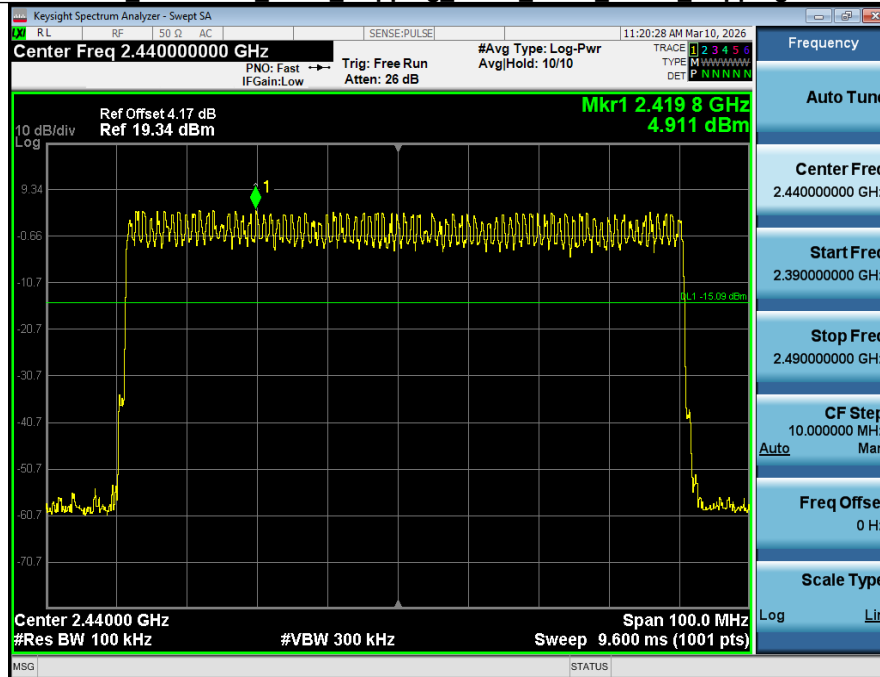
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



2 Bandedge NVNT ANT1 2-DH1 2480 00



1	Reference	Level	Hopping	NVNT	ANT1	2-DH1	Hopping
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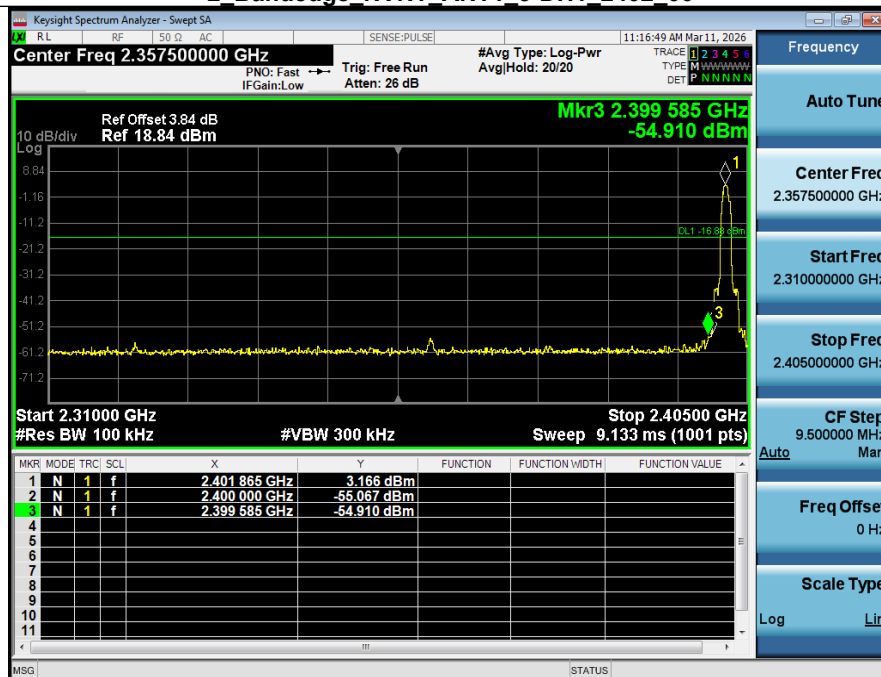
2 Band Edge (Hopping) NVNT ANT1 2-DH1 Hopping



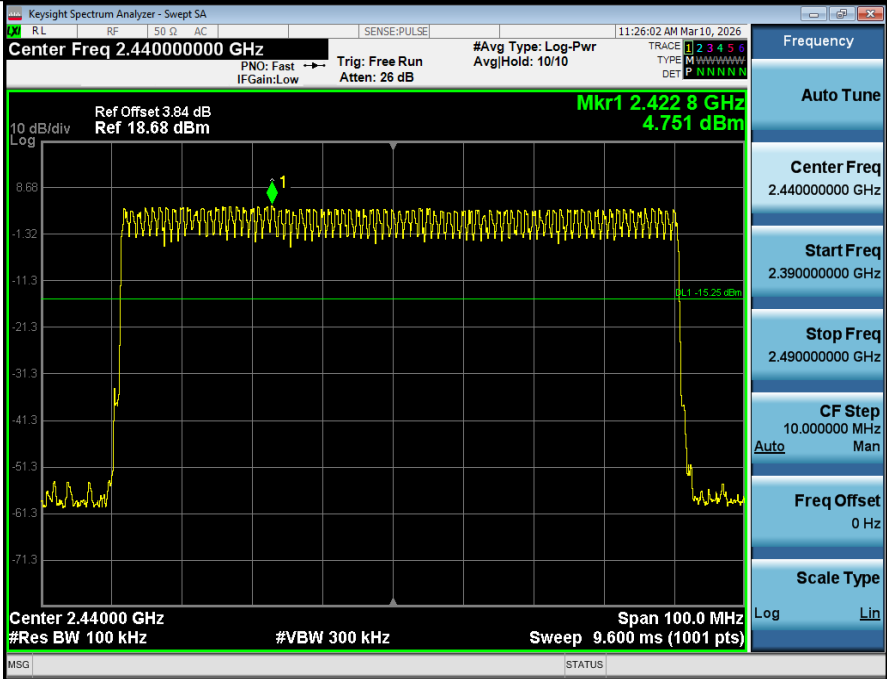
1 Reference Level NVNT ANT1 3-DH1 2402 00



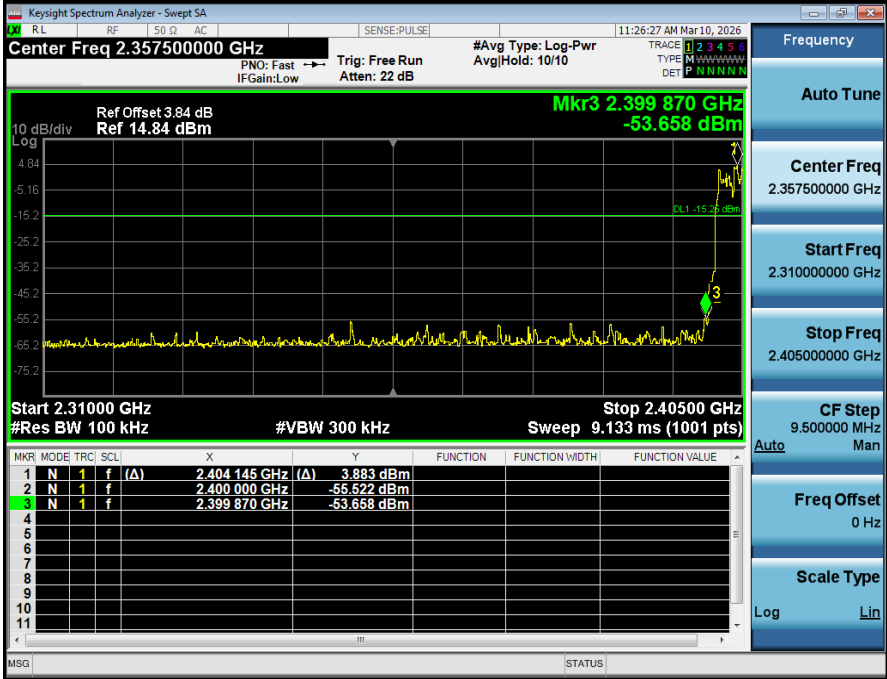
2 Bandedge NVNT ANT1 3-DH1 2402 00

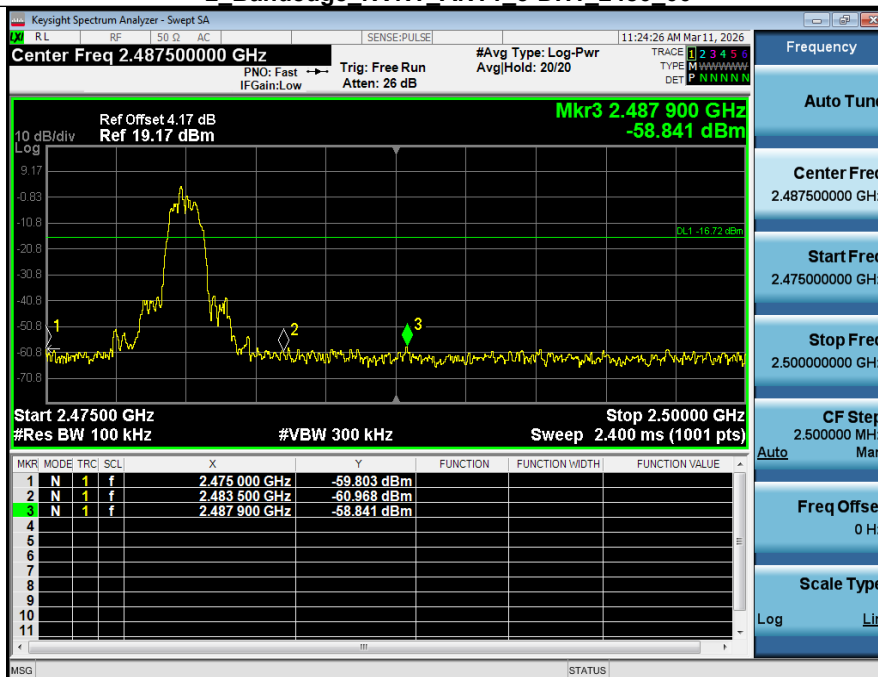


1 Reference Level Hopping NVNT_ANT1_3-DH1_Hopping

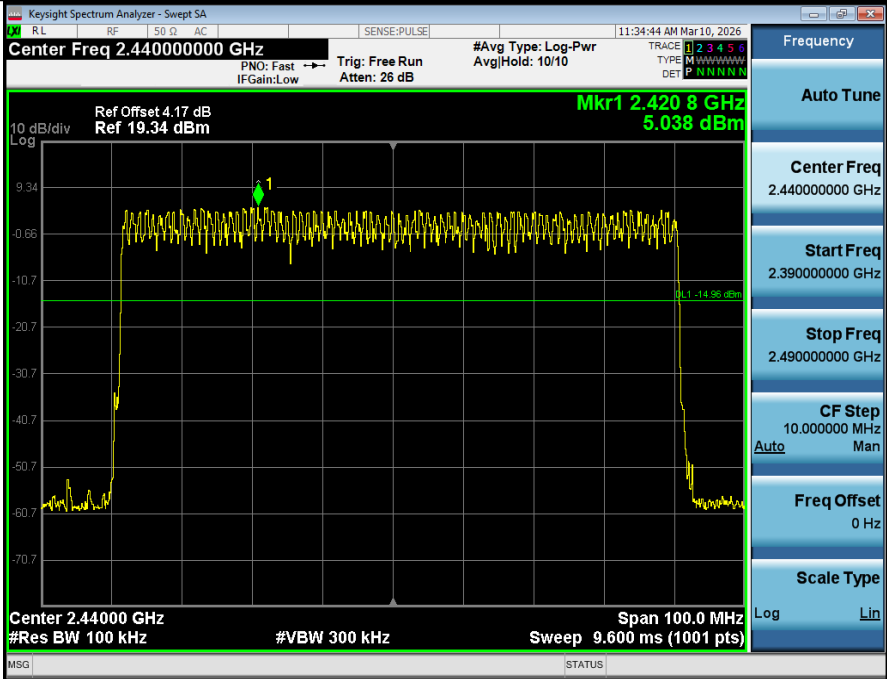


2 Band Edge (Hopping) NVNT_ANT1_3-DH1_Hopping

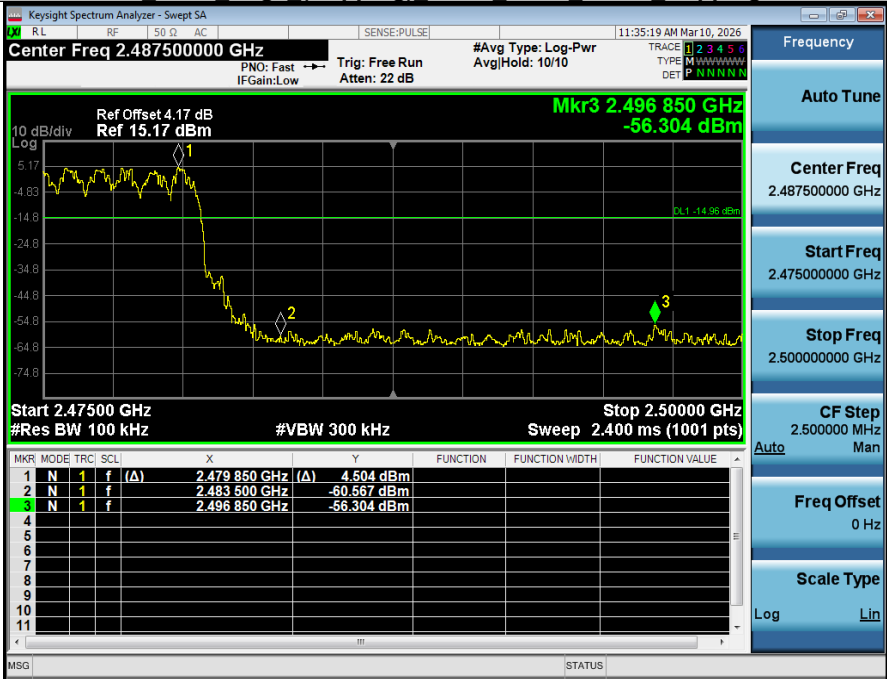




1 Reference Level Hopping NVNT_ANT1_3-DH1_Hopping



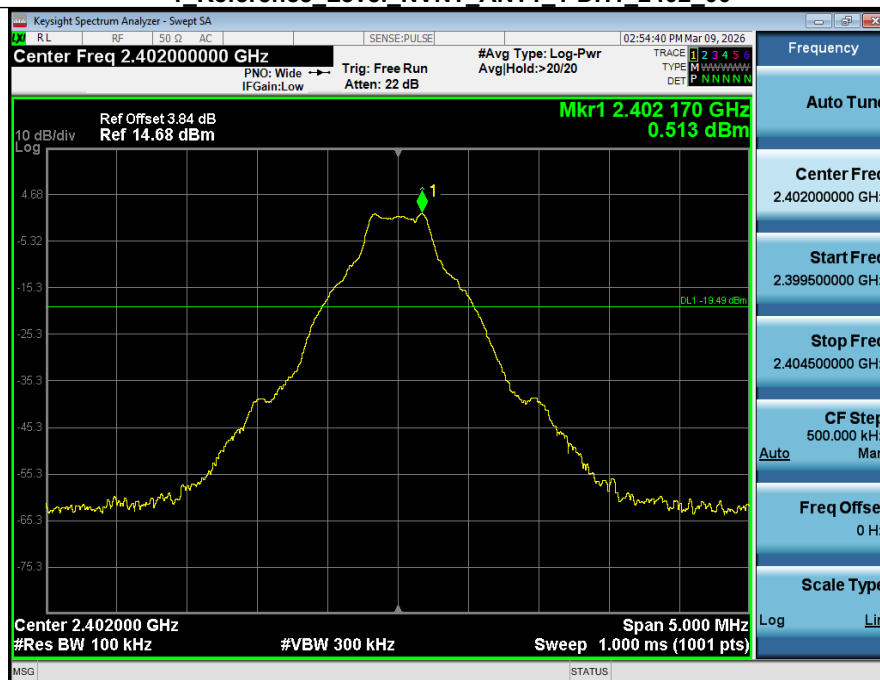
2 Band Edge (Hopping) NVNT_ANT1_3-DH1_Hopping



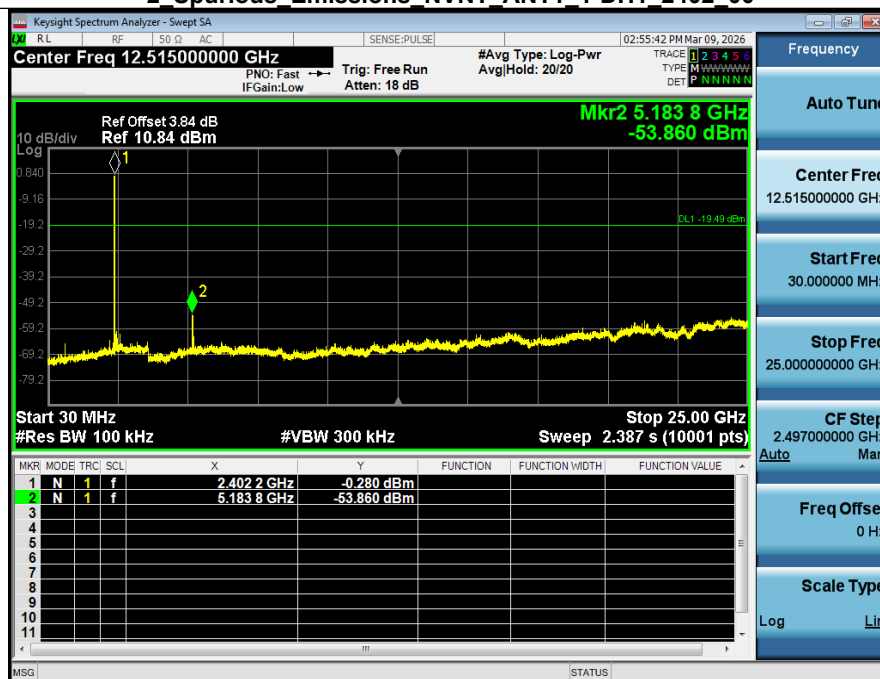
Appendix A.8: Test Results of Conducted Spurious Emission

Condition	Antenna	Modulation	TX Mode	Ref_level (dBm)	Spurious MAX.Value (dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	0.513	-53.860	-19.487	Pass
NVNT	ANT1	1-DH1	2441.00	0.776	-53.099	-19.224	Pass
NVNT	ANT1	1-DH1	2480.00	3.289	-46.722	-16.711	Pass
NVNT	ANT1	2-DH1	2402.00	3.048	-46.440	-16.952	Pass
NVNT	ANT1	2-DH1	2441.00	3.153	-47.378	-16.847	Pass
NVNT	ANT1	2-DH1	2480.00	3.296	-46.515	-16.704	Pass
NVNT	ANT1	3-DH1	2402.00	3.117	-46.455	-16.883	Pass
NVNT	ANT1	3-DH1	2441.00	3.150	-46.487	-16.850	Pass
NVNT	ANT1	3-DH1	2480.00	3.277	-46.966	-16.723	Pass

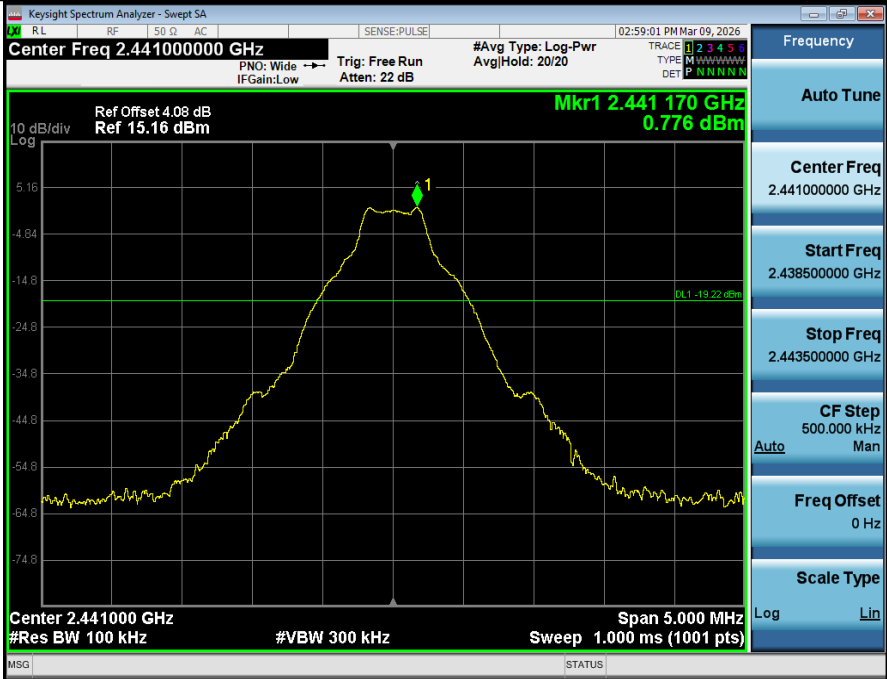
1_Reference_Level_NVNT_ANT1_1-DH1_2402_00



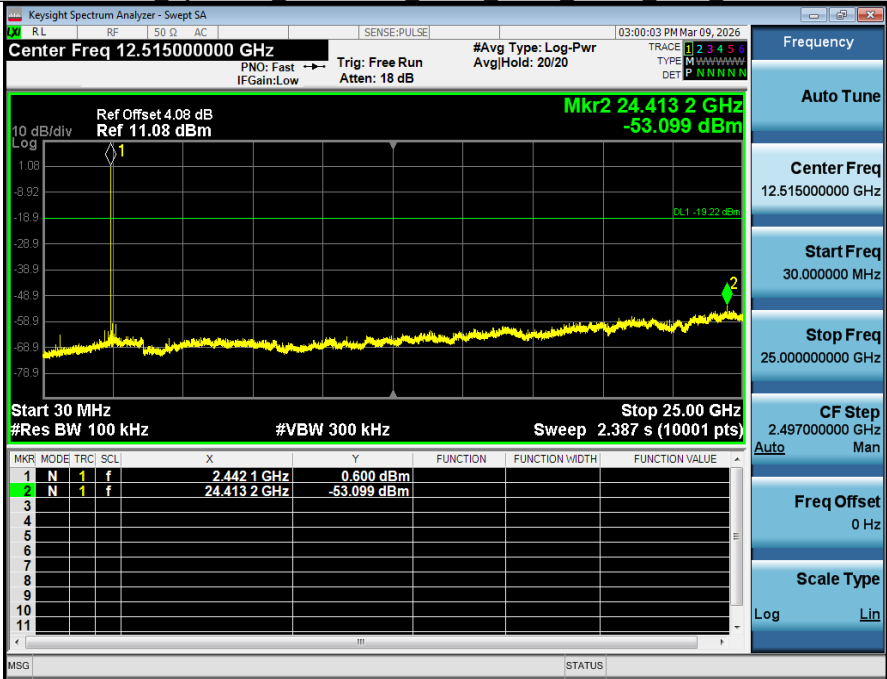
2 Spurious Emissions NVNT ANT1 1-DH1 2402 00



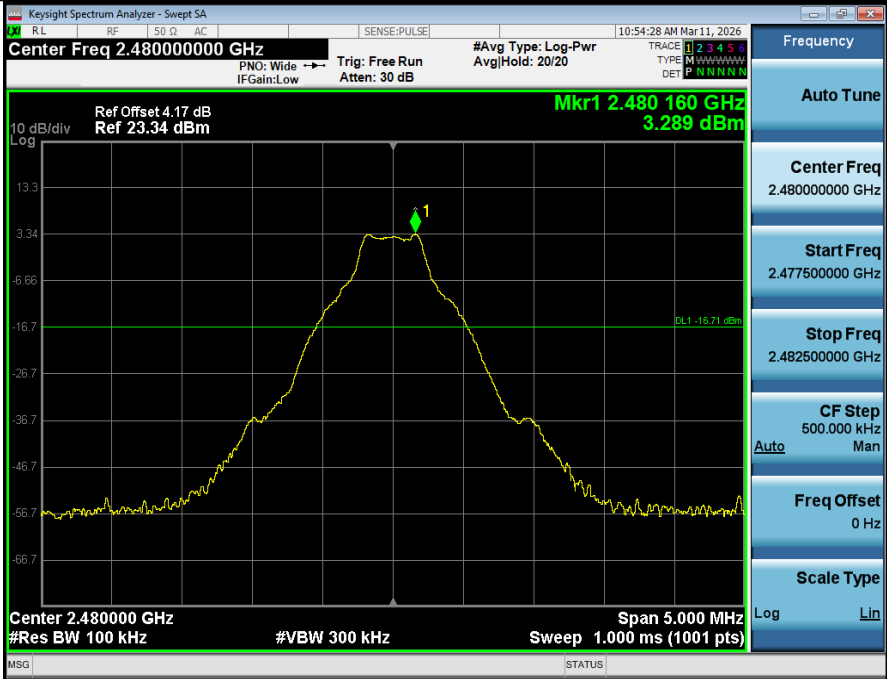
1 Reference Level NVNT ANT1 1-DH1 2441 00



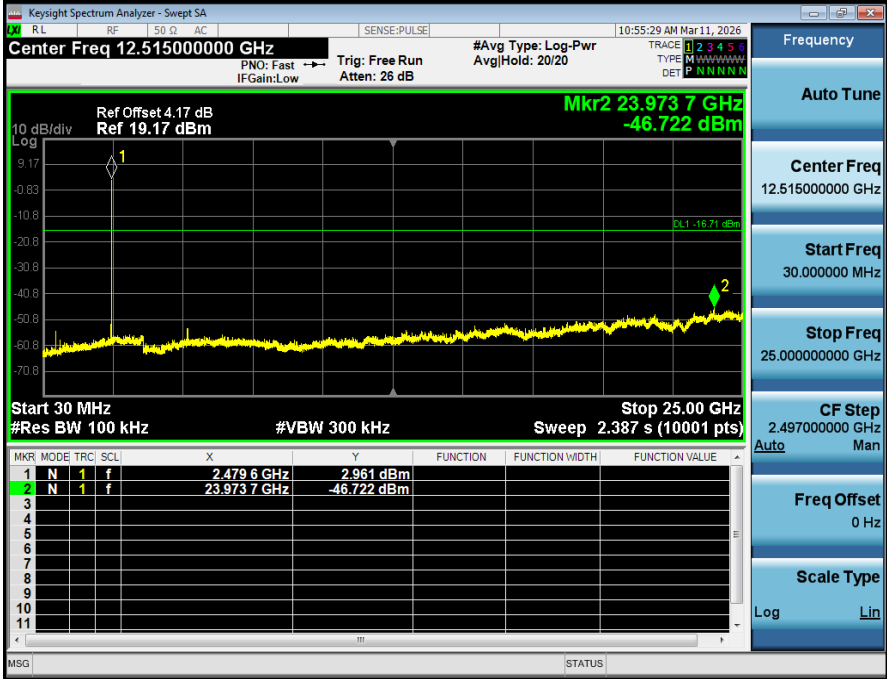
2 Spurious Emissions NVNT ANT1 1-DH1 2441 00



1 Reference Level NVNT ANT1 1-DH1 2480 00



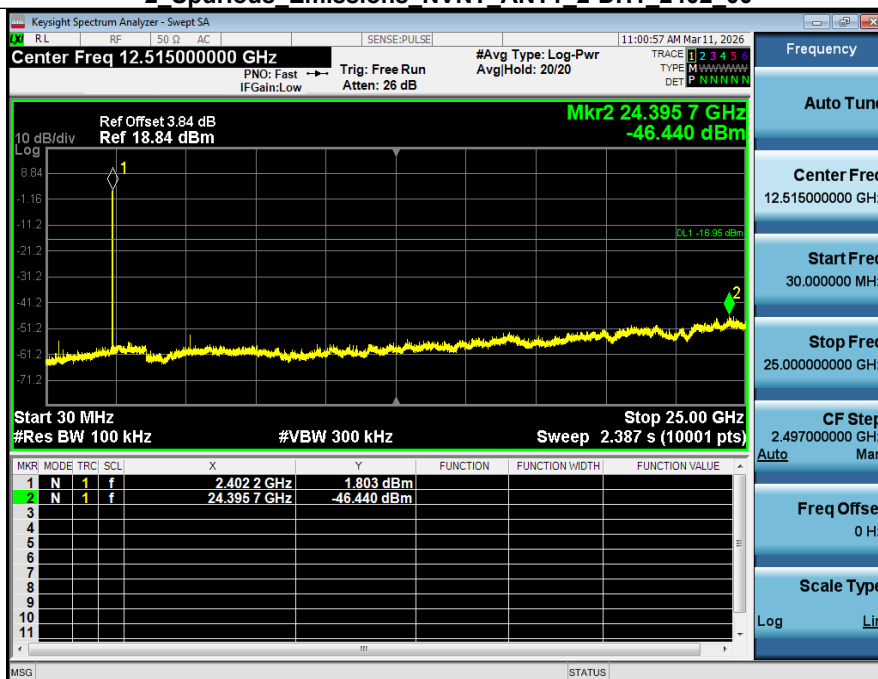
2 Spurious Emissions NVNT ANT1 1-DH1 2480 00



1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



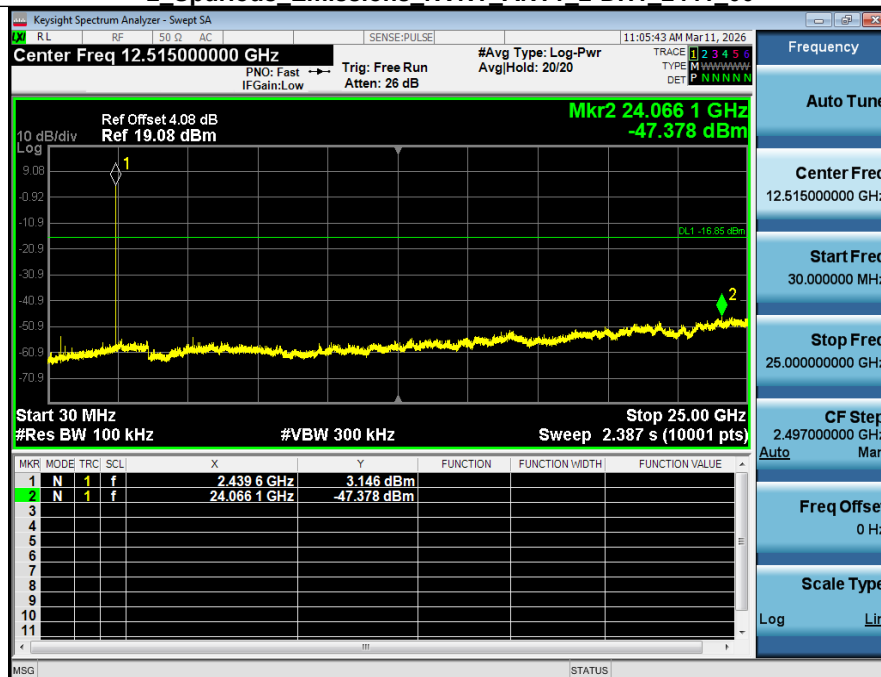
2 Spurious Emissions NVNT ANT1 2-DH1 2402 00



1 Reference Level NVNT ANT1 2-DH1 2441_00



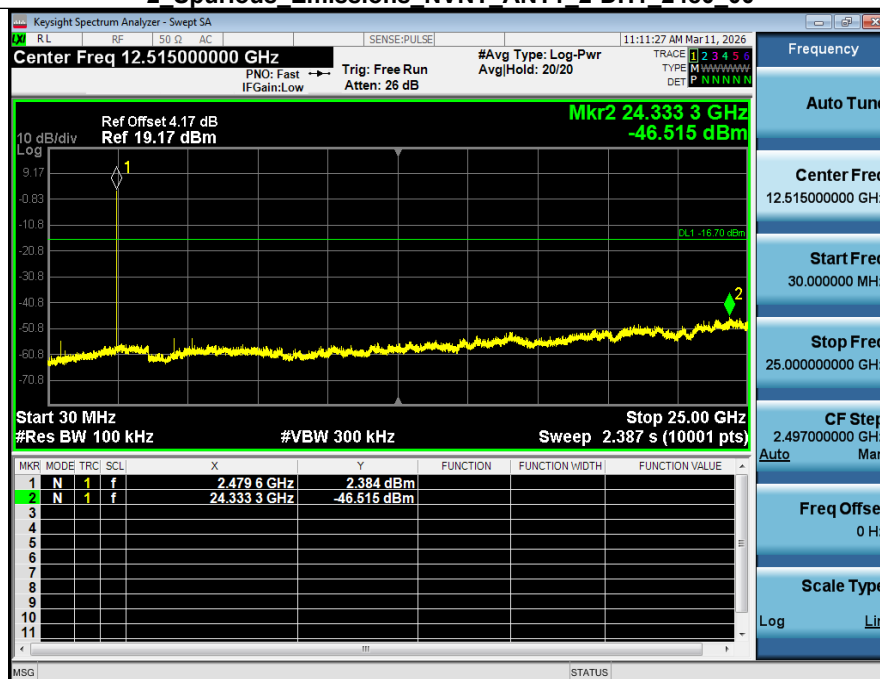
2 Spurious Emissions NVNT ANT1 2-DH1 2441_00



1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



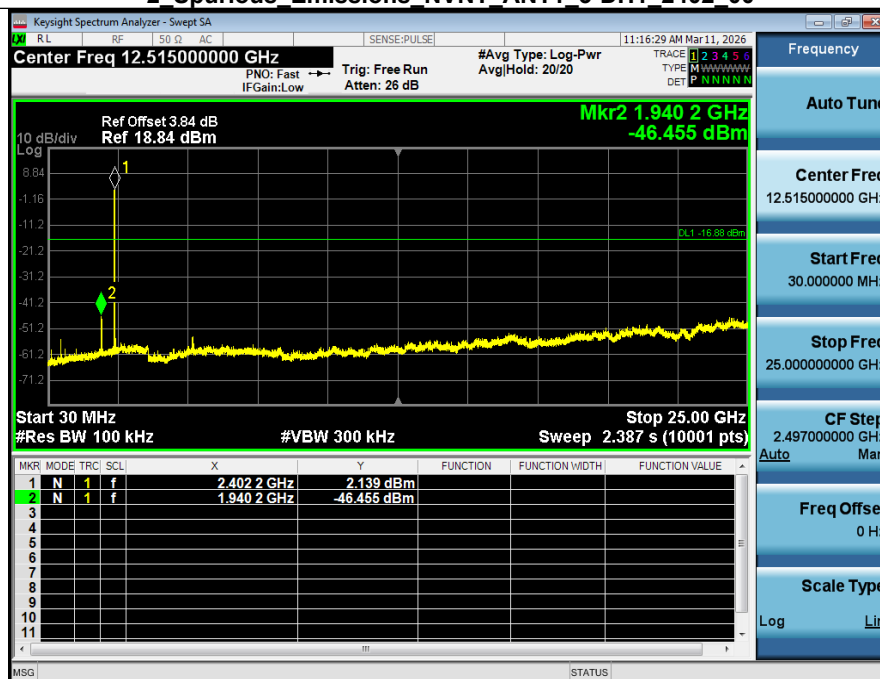
2 Spurious Emissions NVNT ANT1 2-DH1 2480 00



1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



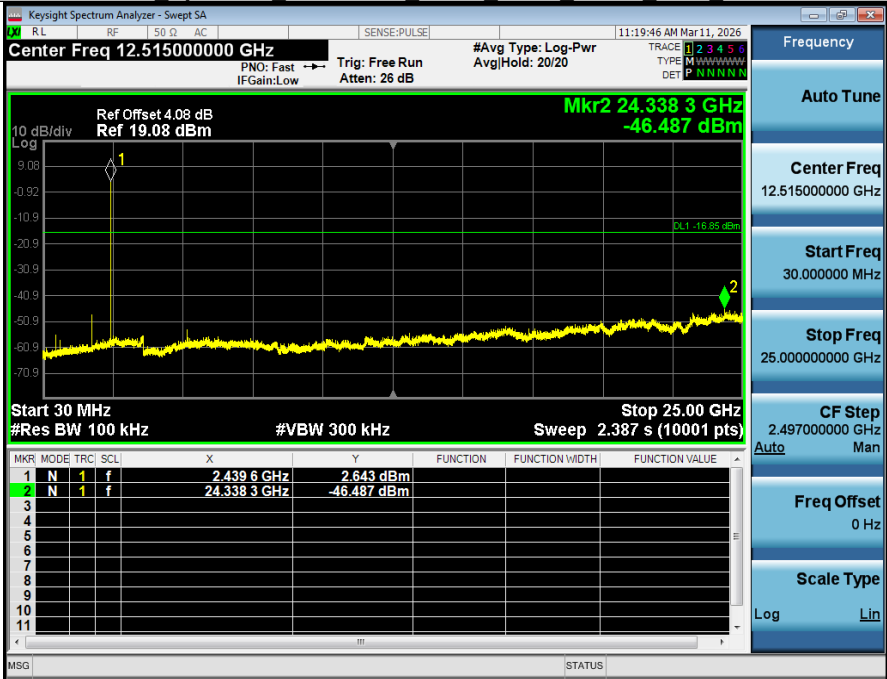
2 Spurious Emissions NVNT ANT1 3-DH1 2402 00



1 Reference Level NVNT ANT1 3-DH1 2441_00



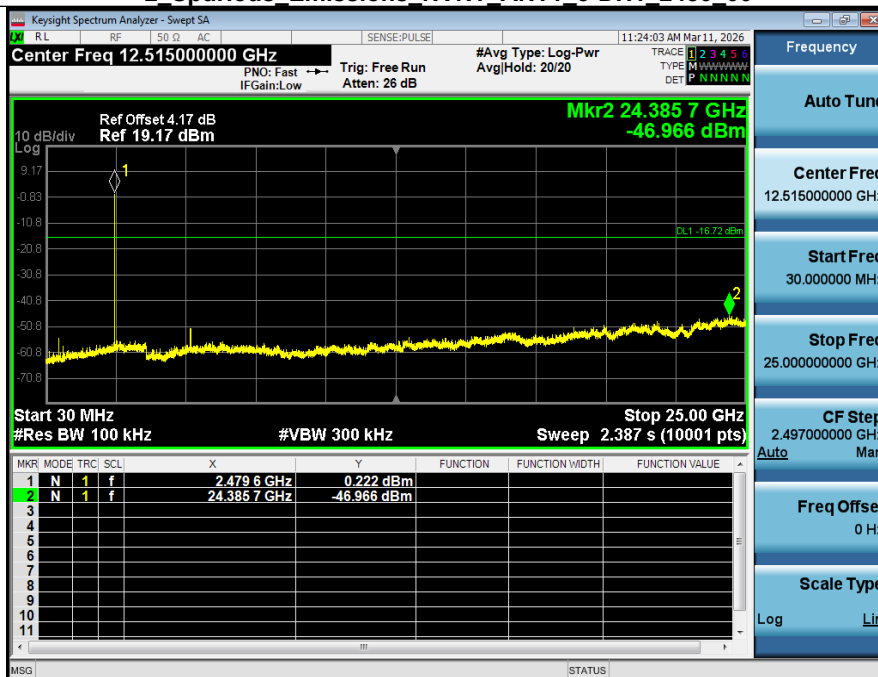
2 Spurious Emissions NVNT ANT1 3-DH1 2441_00



1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



2 Spurious Emissions NVNT ANT1 3-DH1 2480 00



Appendix A.9: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30 MHz - 1GHz

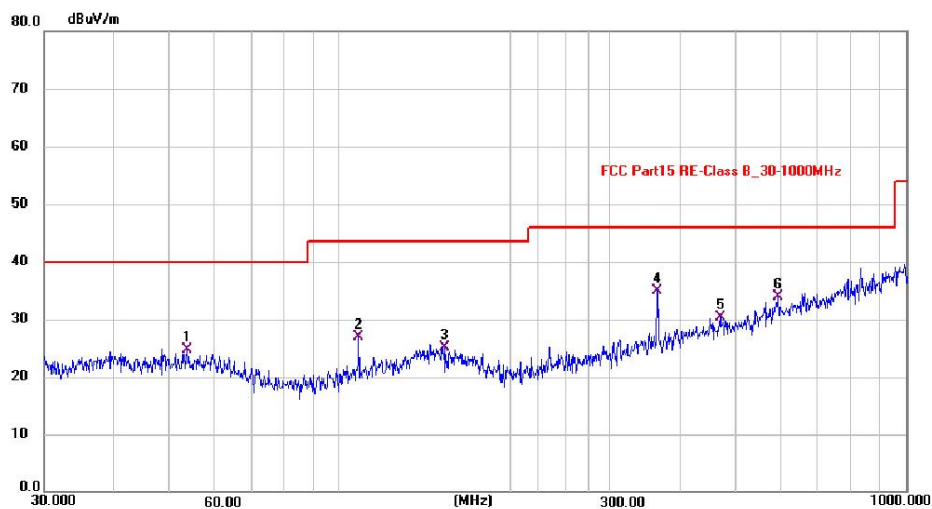


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: Robotic Vacuum	Distance: 3m	Humidity: 54 %RH
M/N: AVA111E2US	Test Engineer: Felix	
Test Mode: GFSK 2402MHz		
Test Voltage: DC 14.4V		
Note:		

Radiated Emission Measurement

Test Date: 2026/3/11 9:10:12



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	53.7402	11.08	13.56	24.64	40.00	-15.36	QP	100	203	P	
2	108.0296	15.12	11.80	26.92	43.50	-16.58	QP	100	115	P	
3	152.7310	9.98	15.20	25.18	43.50	-18.32	QP	100	51	P	
4 *	364.1000	18.03	16.85	34.88	46.00	-11.12	QP	100	360	P	
5	468.8762	10.99	19.36	30.35	46.00	-15.65	QP	100	216	P	
6	595.1327	11.99	21.96	33.95	46.00	-12.05	QP	100	294	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

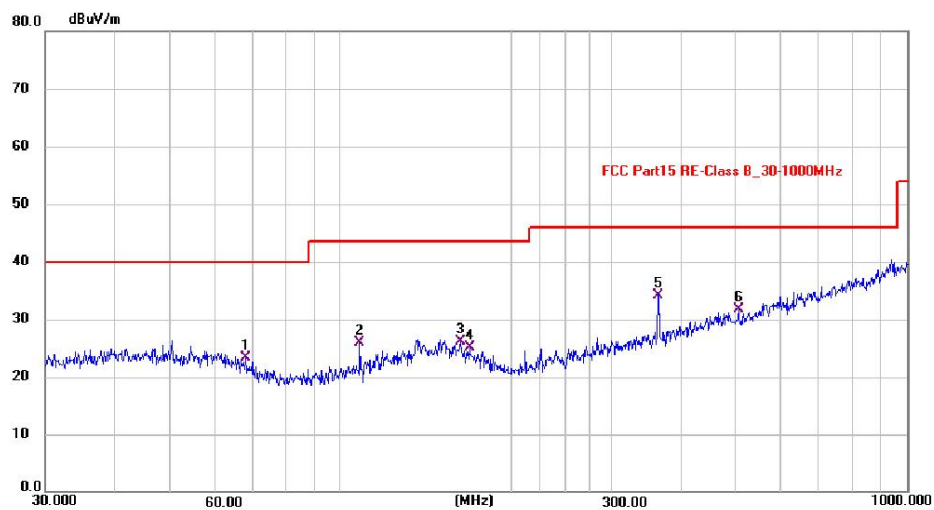


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Robotic Vacuum Distance: 3m Humidity: 54 %RH
M/N: AVA111E2US Test Engineer: Felix
Test Mode: GFSK 2402MHz
Test Voltage: DC 14.4V
Note:

Radiated Emission Measurement

Test Date: 2026/3/11 9:15:24



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	67.9724	11.62	11.76	23.38	40.00	-16.62	QP	200	136	P	
2	107.9823	14.17	11.80	25.97	43.50	-17.53	QP	200	125	P	
3	162.9672	11.17	14.92	26.09	43.50	-17.41	QP	200	144	P	
4	168.4137	10.66	14.46	25.12	43.50	-18.38	QP	200	189	P	
5 *	364.1000	17.35	16.85	34.20	46.00	-11.80	QP	200	260	P	
6	503.1600	11.89	19.90	31.79	46.00	-14.21	QP	200	321	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

1GHz - 18GHz

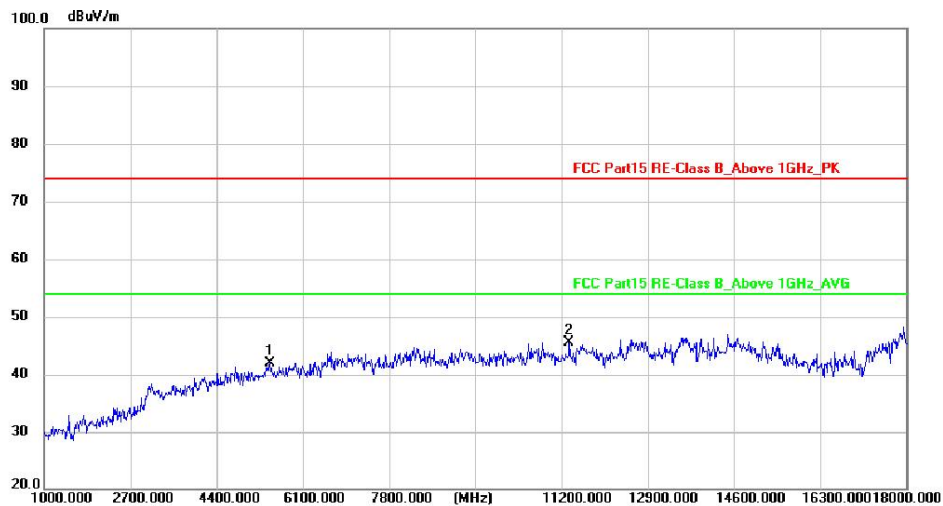


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: Robotic Vacuum	Distance: 3m	Humidity: 54 %RH
M/N: AVA111E2US	Test Engineer: Felix	
Test Mode: GFSK 2402MHz		
Test Voltage: DC 14.4V		
Note:		

Radiated Emission Measurement

Test Date: 2026/3/11 9:50:13



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	5456.125	56.73	-14.84	41.89	74.00	-32.11	peak	150	213	P	
2 *	11365.750	54.36	-8.84	45.52	74.00	-28.48	peak	150	188	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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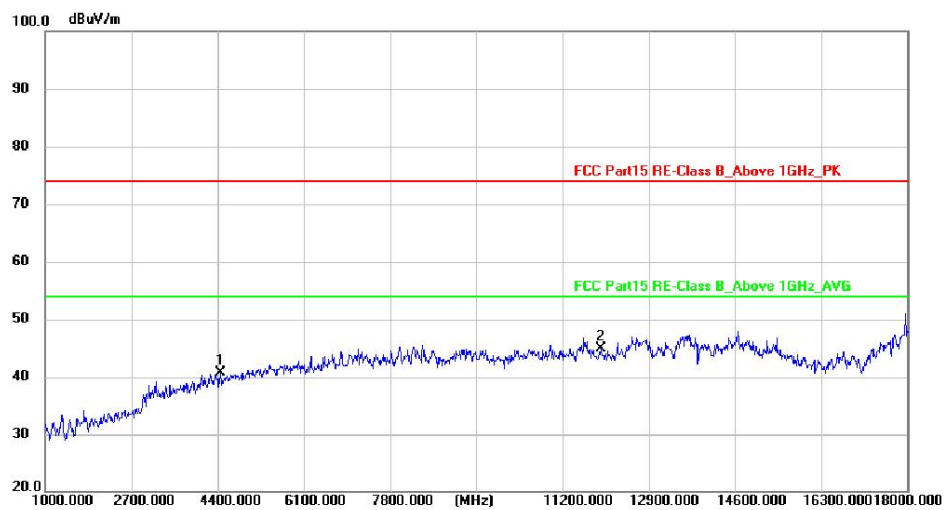
Test Site: PSI EMC Lab-3m Chamber
EUT: Robotic Vacuum
M/N: AVA111E2US
Test Mode: GFSK 2402MHz
Test Voltage: DC 14.4V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/11 9:55:32



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	4455.250	58.31	-17.55	40.76	74.00	-33.24	peak	150	230	P	
2 *	11975.625	53.57	-8.64	44.93	74.00	-29.07	peak	150	155	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

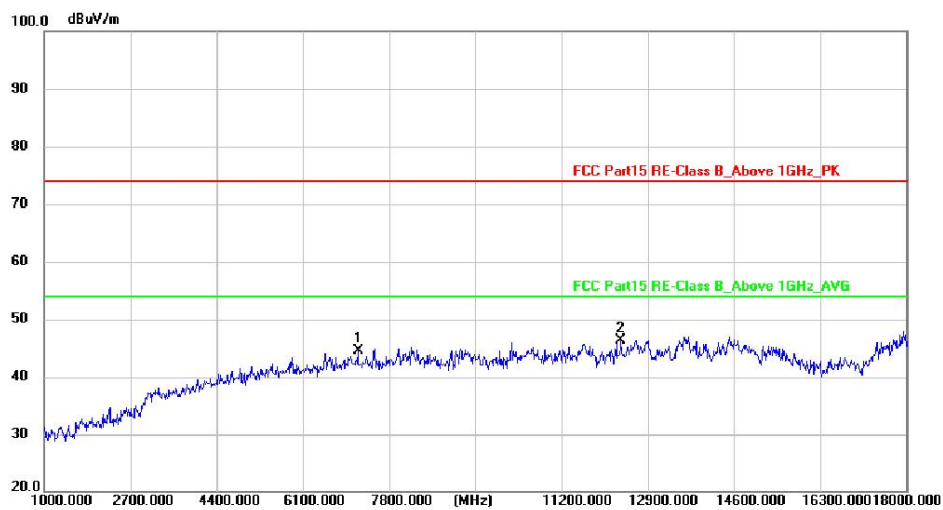


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: Robotic Vacuum Distance: 3m Humidity: 54 %RH
M/N: AVA111E2US Test Engineer: Felix
Test Mode: GFSK 2480MHz
Test Voltage: DC 14.4V
Note:

Radiated Emission Measurement

Test Date: 2026/3/11 10:00:41



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	7190.125	55.74	-11.23	44.51	74.00	-29.49	peak	150	333	P	
2 *	12383.625	54.49	-8.24	46.25	74.00	-27.75	peak	150	258	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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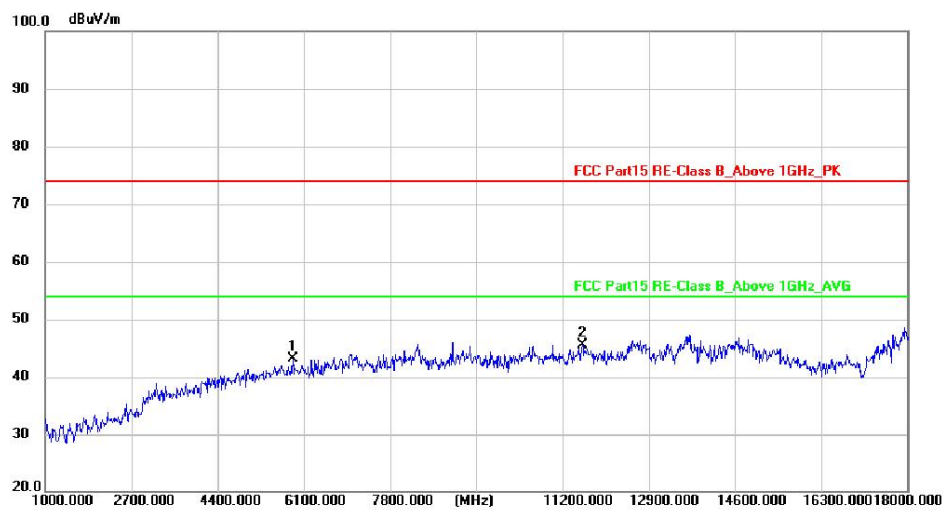
Test Site: PSI EMC Lab-3m Chamber
EUT: Robotic Vacuum
M/N: AVA111E2US
Test Mode: GFSK 2480MHz
Test Voltage: DC 14.4V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/11 10:06:49



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	5881.125	56.97	-13.94	43.03	74.00	-30.97	peak	150	315	P	
2 *	11603.750	54.34	-8.76	45.58	74.00	-28.42	peak	150	158	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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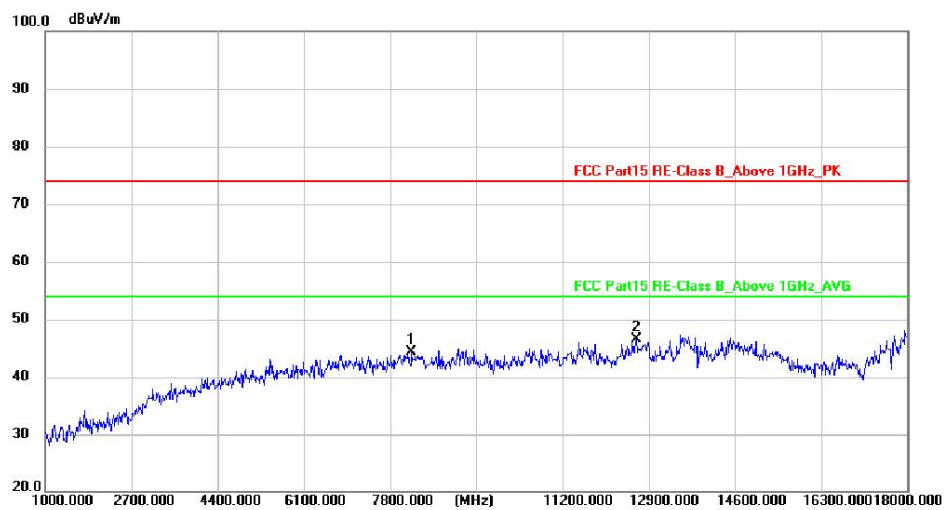
Test Site: PSI EMC Lab-3m Chamber
EUT: Robotic Vacuum
M/N: AVA111E2US
Test Mode: $\pi/4$ DQPSK 2402MHz
Test Voltage: DC 14.4V
Note:

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/11 10:10:55



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	8239.875	54.86	-10.60	44.26	74.00	-29.74	peak	150	255	P	
2 *	12668.375	54.42	-7.96	46.46	74.00	-27.54	peak	150	325	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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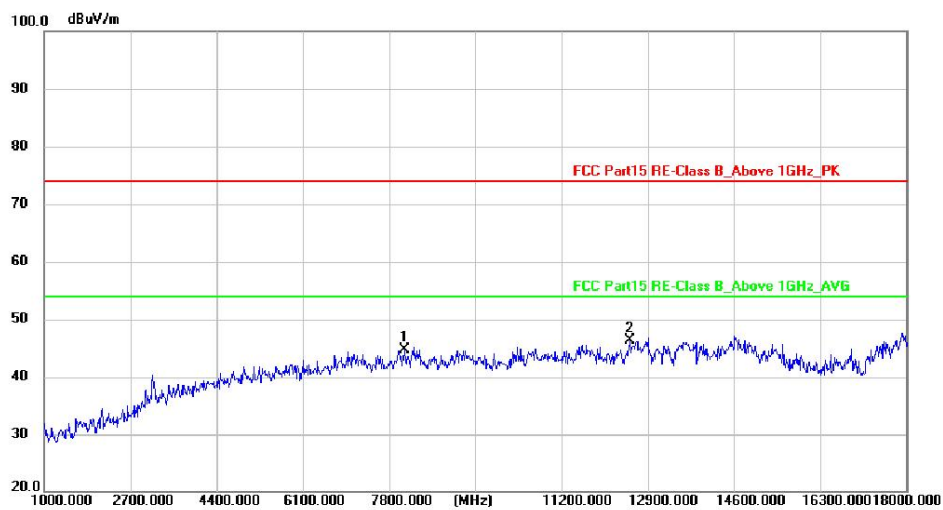
Test Site: PSI EMC Lab-3m Chamber
EUT: Robotic Vacuum
M/N: AVA111E2US
Test Mode: $\Pi/4$ DQPSK 2402MHz
Test Voltage: DC 14.4V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/11 10:14:03



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	8118.750	55.25	-10.63	44.62	74.00	-29.38	peak	150	351	P	
2 *	12555.750	54.45	-8.06	46.39	74.00	-27.61	peak	150	185	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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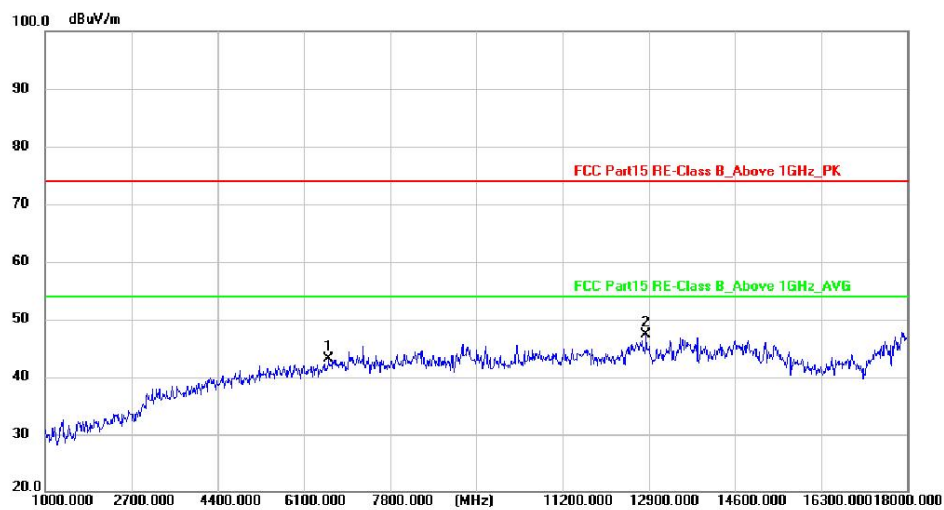
Test Site: PSI EMC Lab-3m Chamber
EUT: Robotic Vacuum
M/N: AVA111E2US
Test Mode: $\Pi/4$ DQPSK 2480MHz
Test Voltage: DC 14.4V
Note:

Polarization: **Horizontal**
Distance: 3m
Test Engineer: Felix

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2026/3/11 10:18:10



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	6599.375	55.34	-12.29	43.05	74.00	-30.95	peak	150	151	P	
2 *	12863.875	55.08	-7.77	47.31	74.00	-26.69	peak	150	318	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit