

Table of Contents

1. -20dB Bandwidth	2
2. 99% Occupied Bandwidth	7
3. Peak Output Power	12
4. Spurious Emissions	17
5. Bandedge	26
6. Carrier Frequencies Separation (Hopping)	39
7. Number of Hopping Channel (Hopping)	44
8. Dwell Time (Hopping)	46

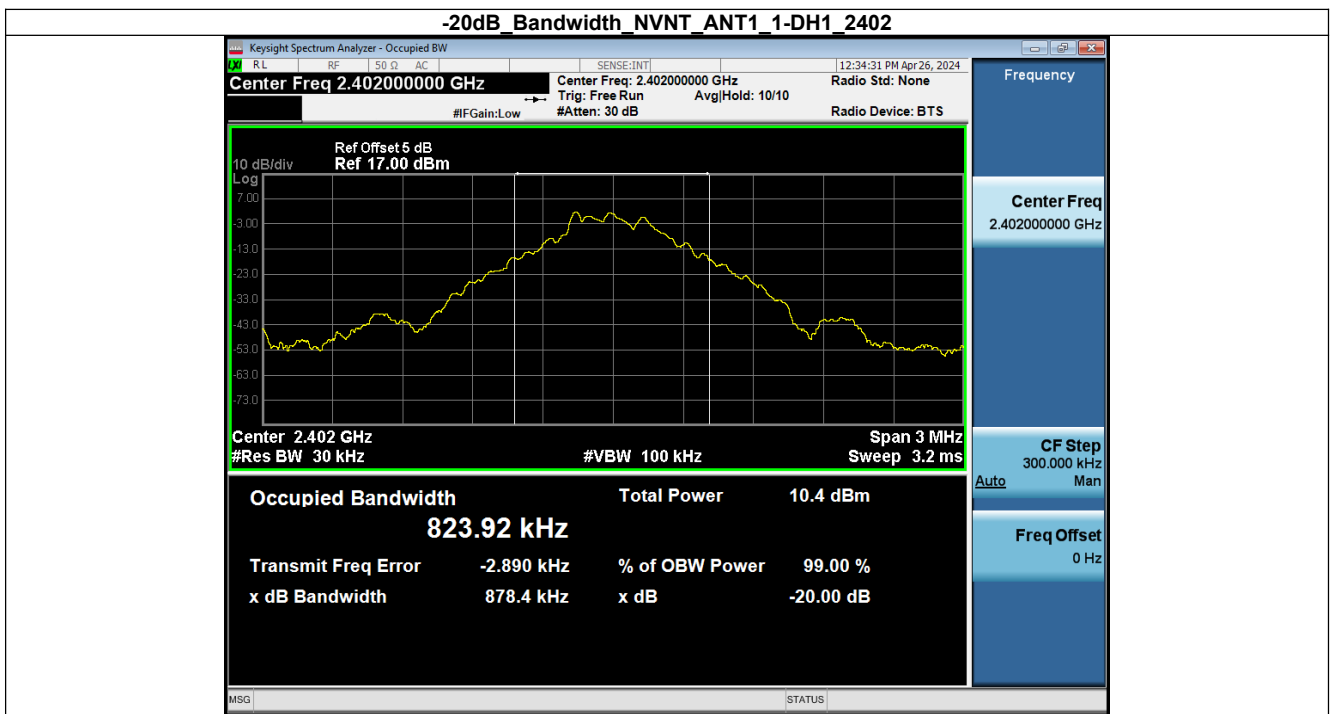
FCC ID:2BCAX-HY300PRO

IC:31576-HY300PRO

FCC_BT (Part15.247) Test Data

1. -20dB Bandwidth

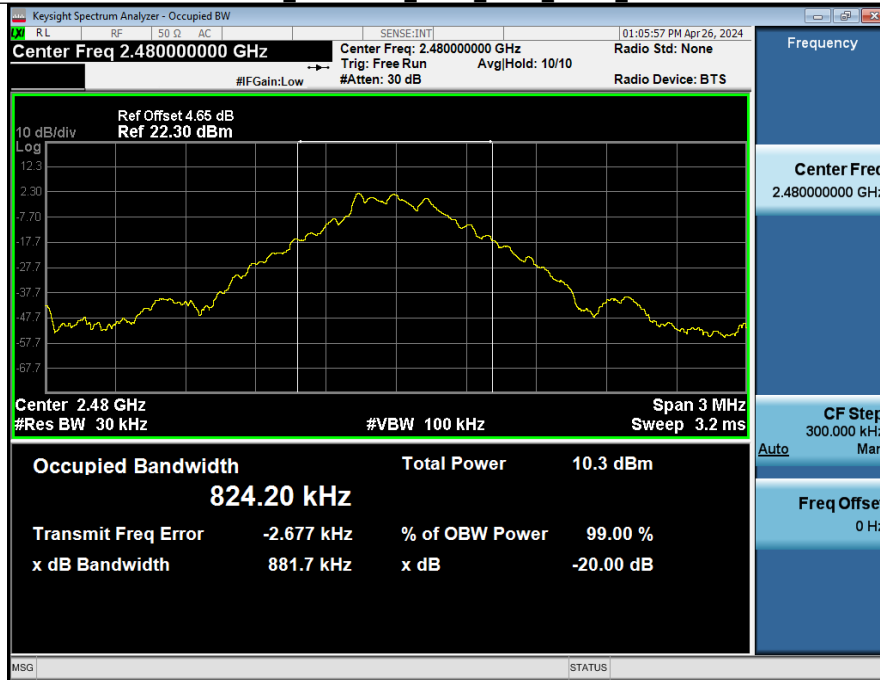
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.877	No
NVNT	ANT1	1-DH1	2480	0.882	No
NVNT	ANT1	2-DH1	2402	1.287	Yes
NVNT	ANT1	2-DH1	2441.00	1.286	Yes
NVNT	ANT1	2-DH1	2480	1.285	Yes
NVNT	ANT1	3-DH1	2402	1.244	Yes
NVNT	ANT1	3-DH1	2441.00	1.236	Yes
NVNT	ANT1	3-DH1	2480	1.248	Yes



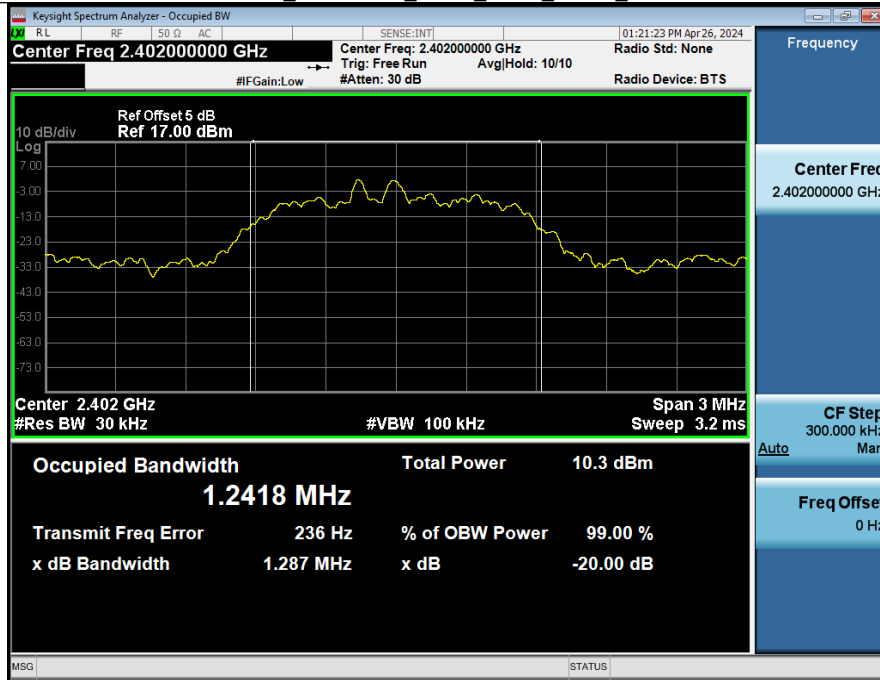
-20dB Bandwidth_NVNT_ANT1_1-DH1_2441



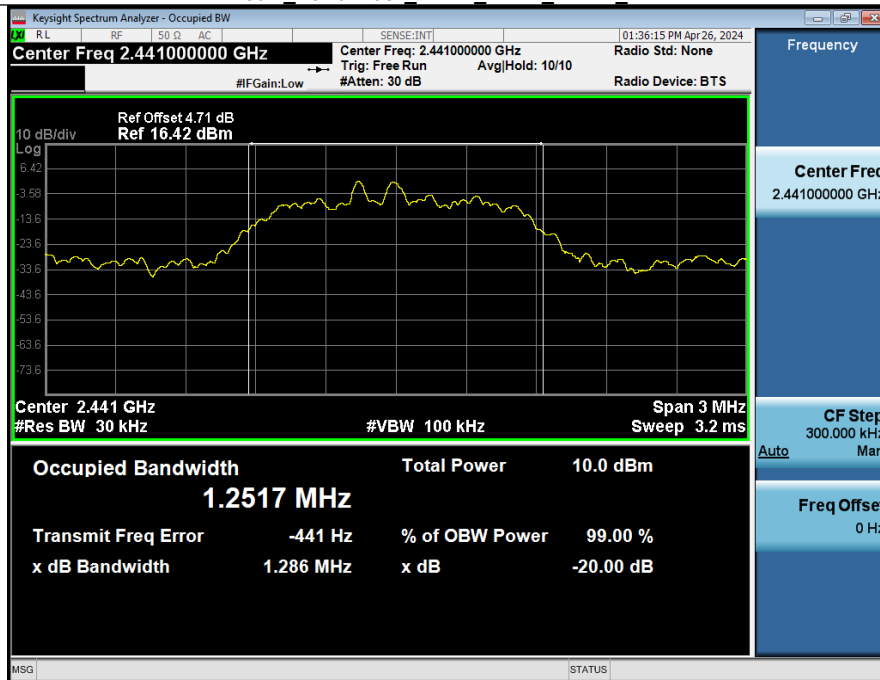
-20dB Bandwidth_NVNT_ANT1_1-DH1_2480



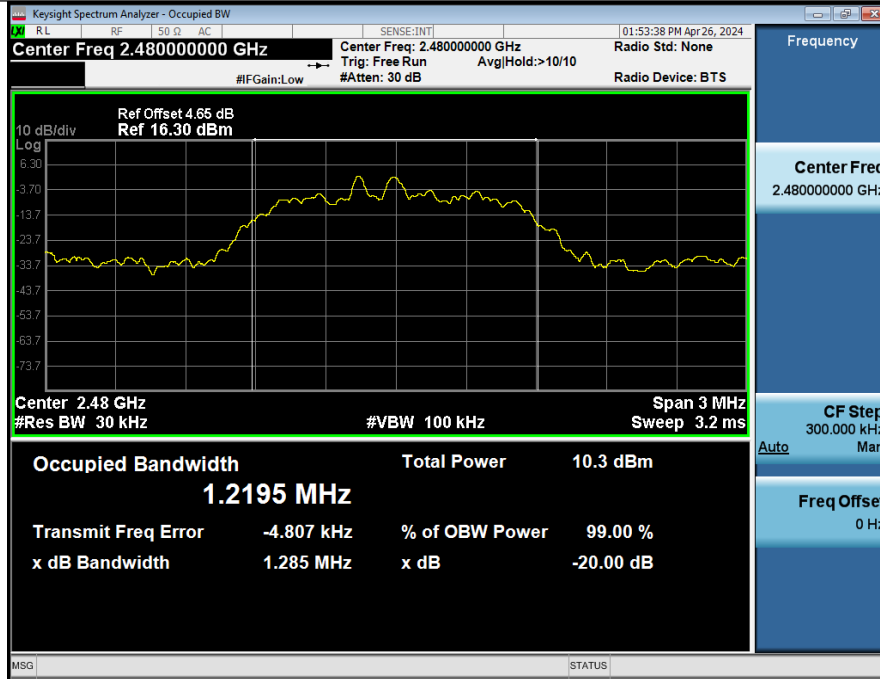
-20dB Bandwidth_NVNT_ANT1 2-DH1_2402



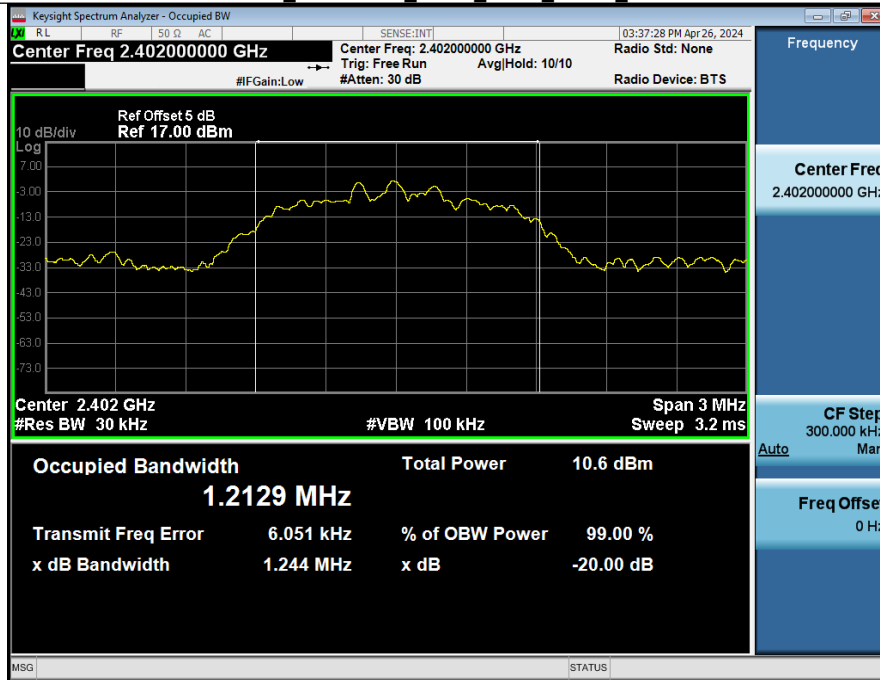
-20dB Bandwidth_NVNT_ANT1 2-DH1_2441



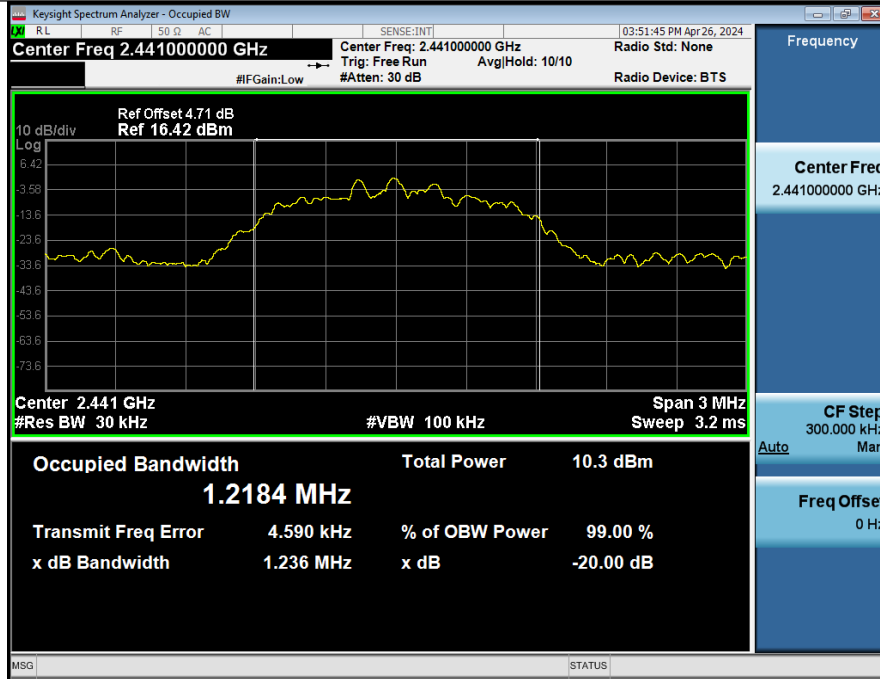
-20dB Bandwidth_NVNT_ANT1_2-DH1_2480



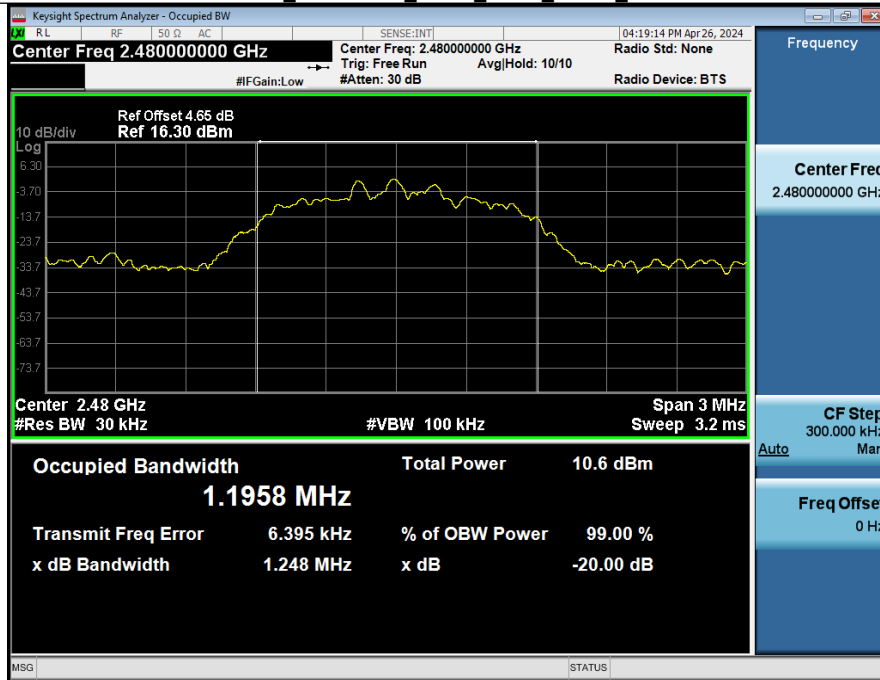
-20dB Bandwidth_NVNT_ANT1_3-DH1_2402



-20dB Bandwidth_NVNT_ANT1_3-DH1_2441

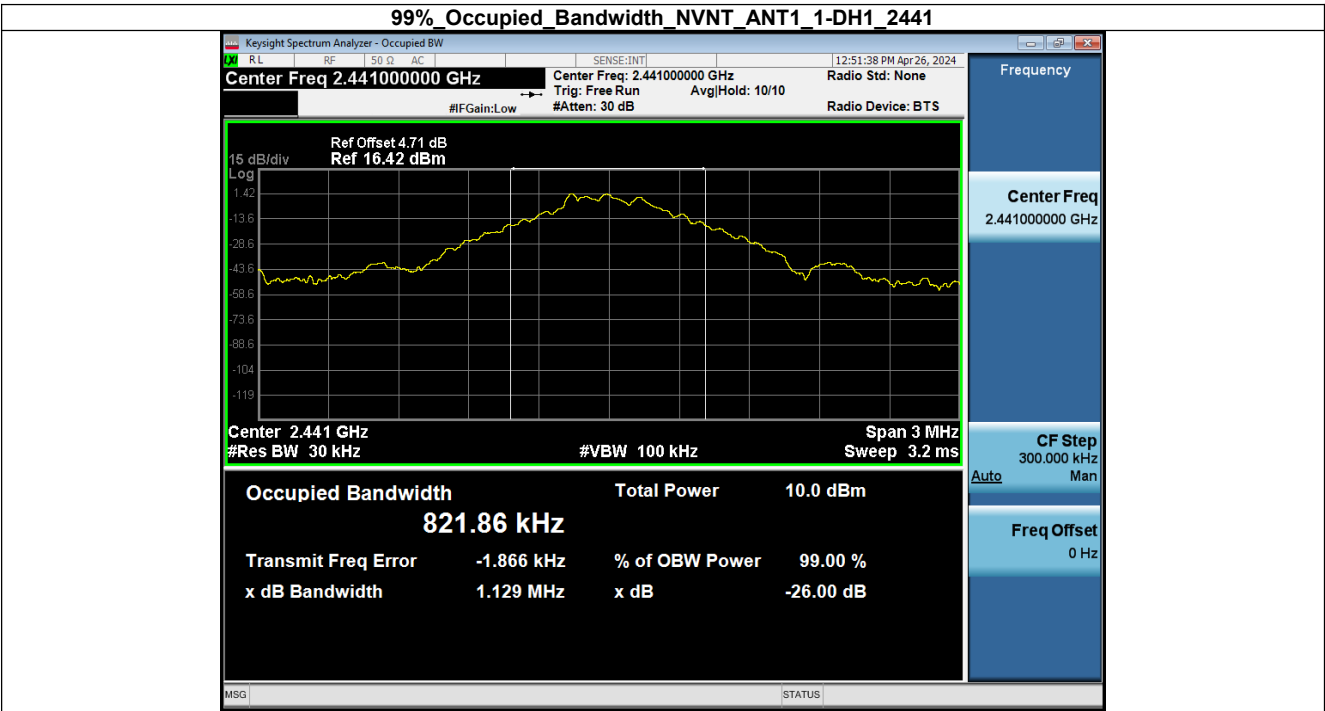
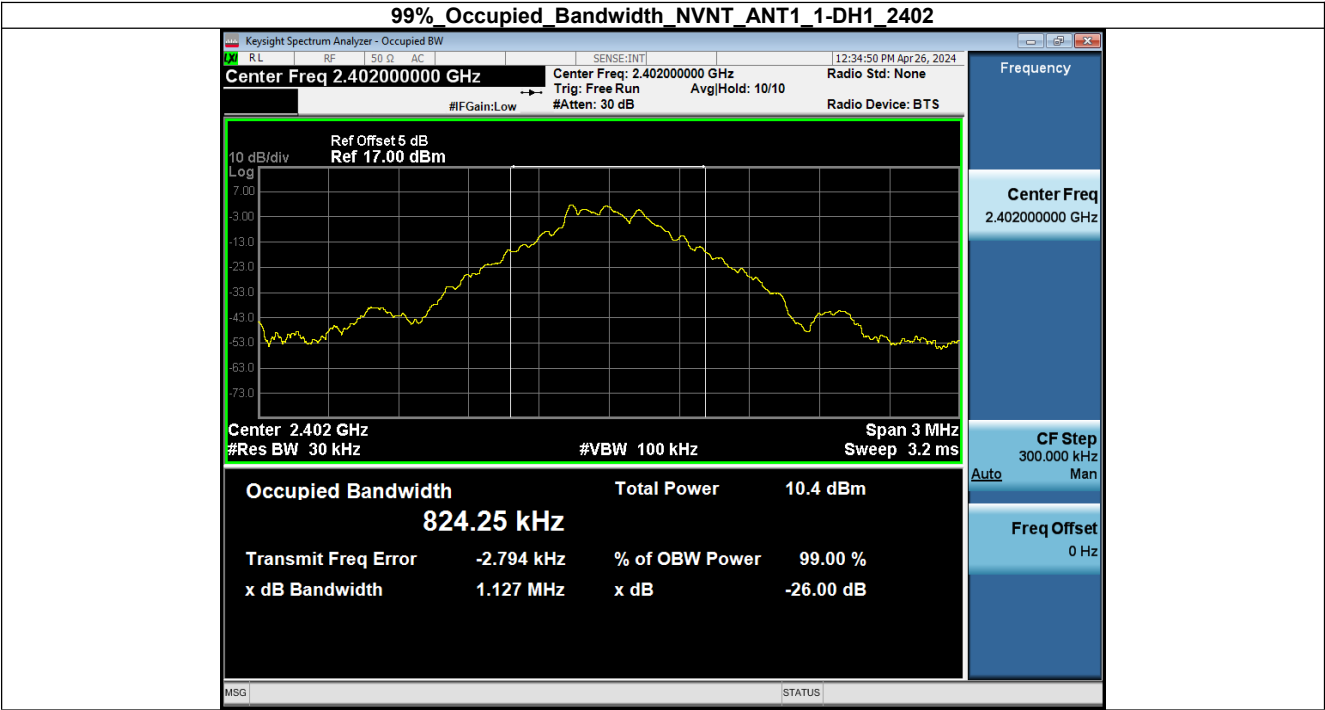


-20dB Bandwidth_NVNT_ANT1_3-DH1_2480



2. 99% Occupied Bandwidth

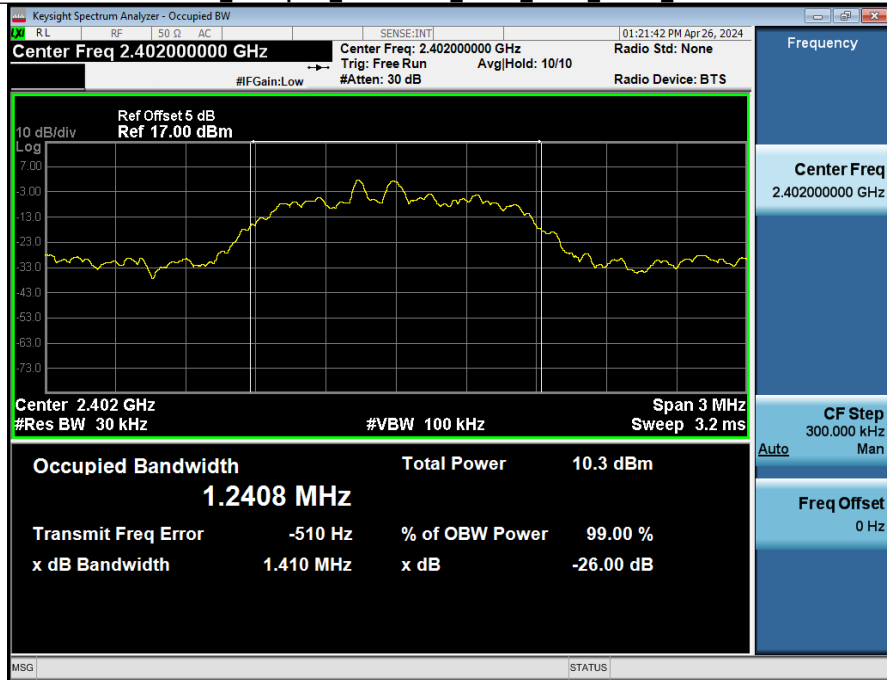
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402	0.824
NVNT	ANT1	1-DH1	2441.00	0.822
NVNT	ANT1	1-DH1	2480	0.822
NVNT	ANT1	2-DH1	2402	1.241
NVNT	ANT1	2-DH1	2441.00	1.252
NVNT	ANT1	2-DH1	2480	1.222
NVNT	ANT1	3-DH1	2402	1.212
NVNT	ANT1	3-DH1	2441.00	1.220
NVNT	ANT1	3-DH1	2480	1.195



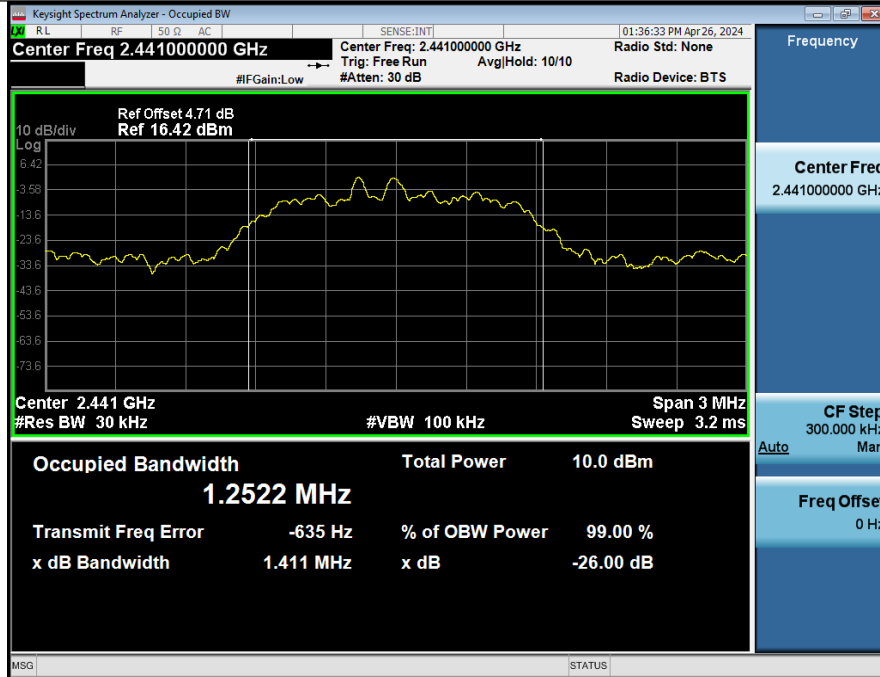
99% Occupied Bandwidth_NVNT_ANT1_1-DH1_2480



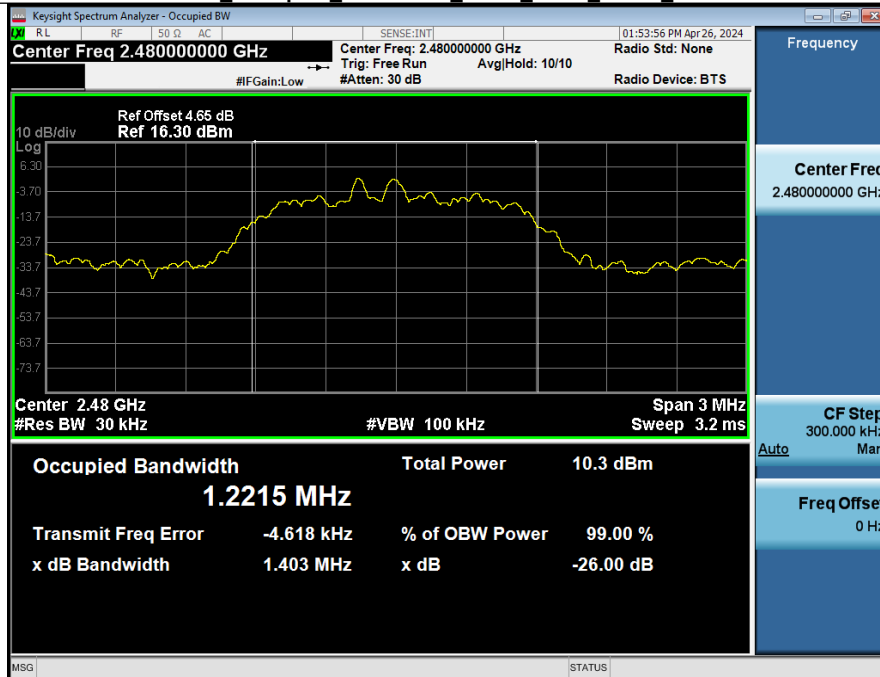
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2402



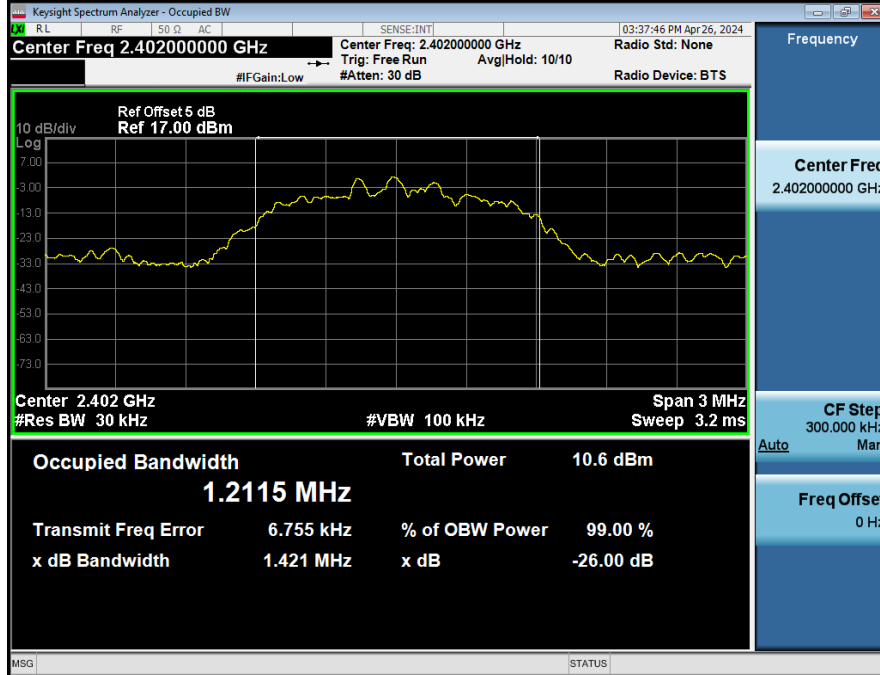
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2441



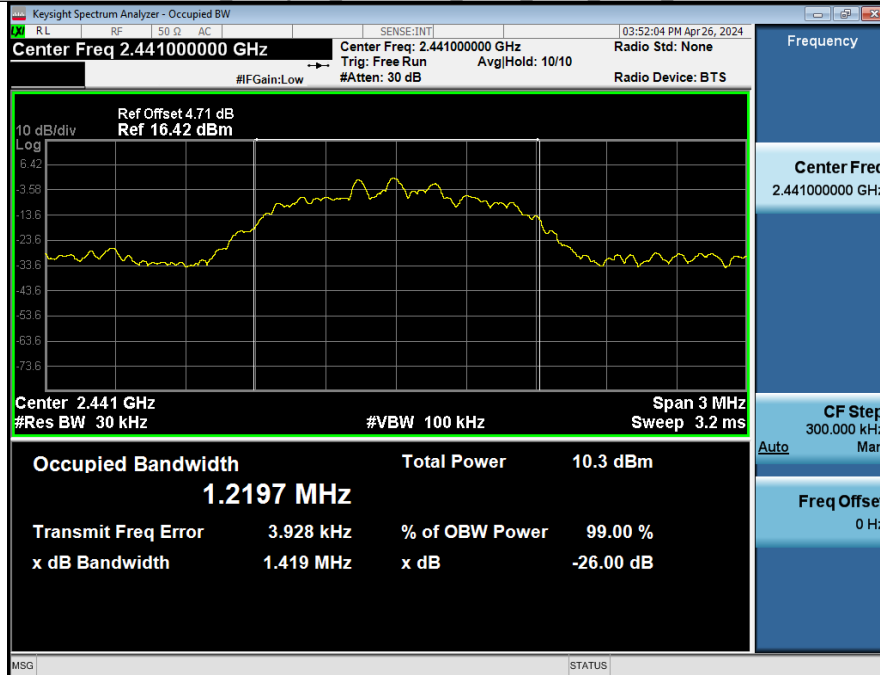
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2480



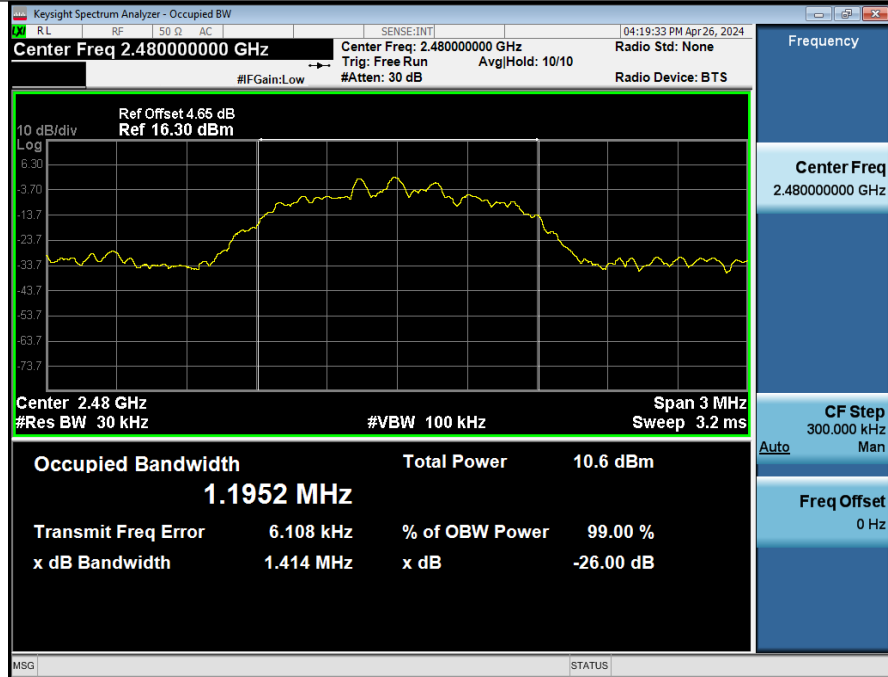
99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2402



99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2441

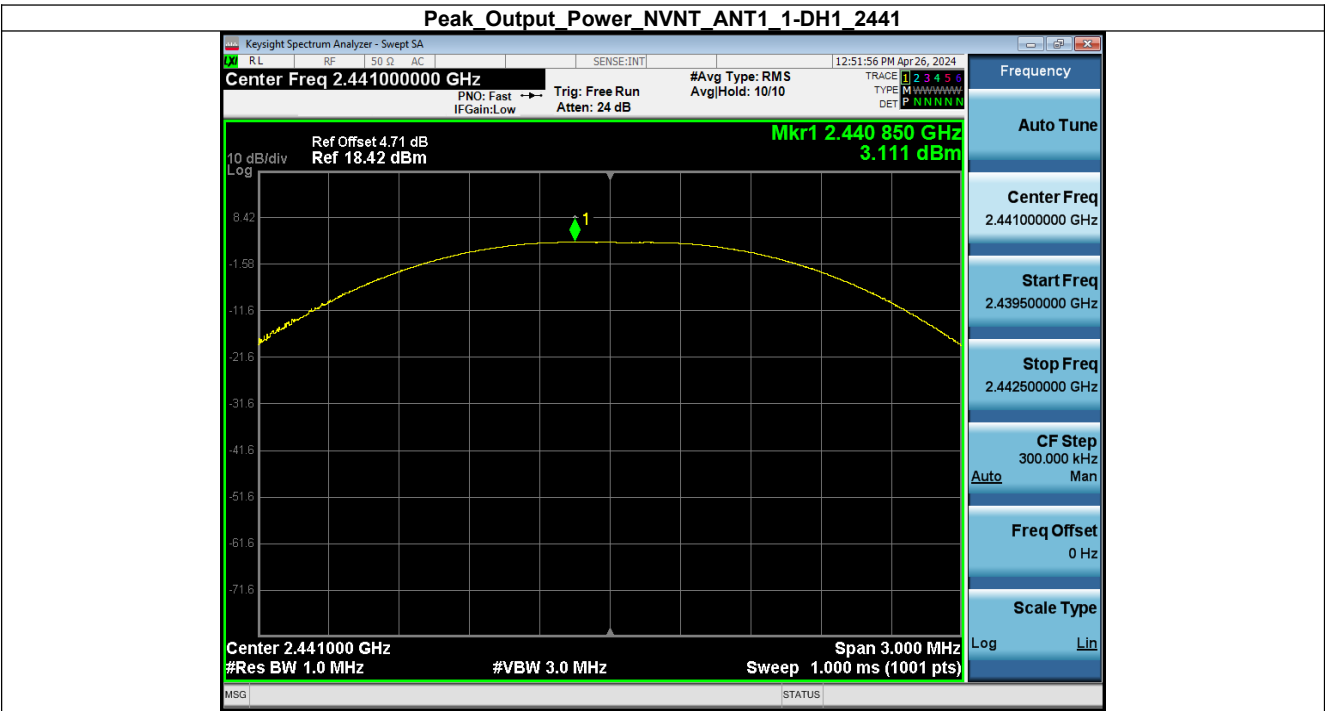
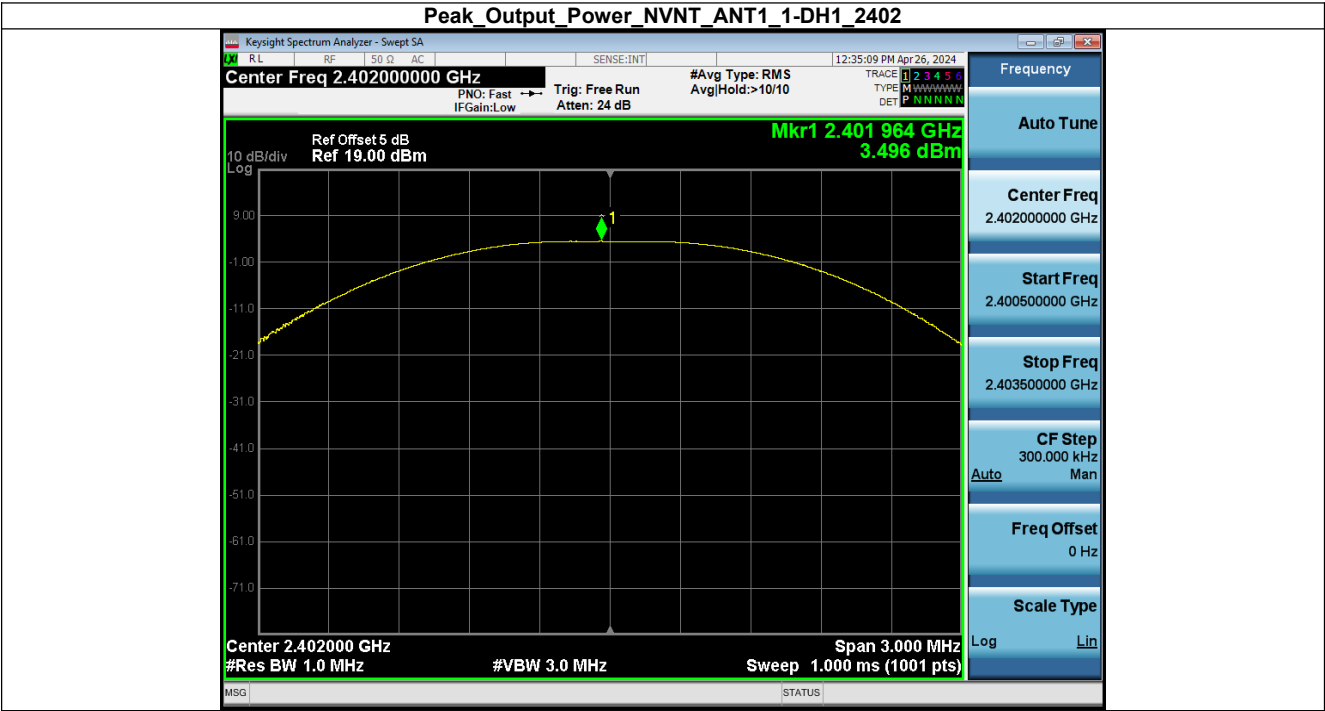


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480

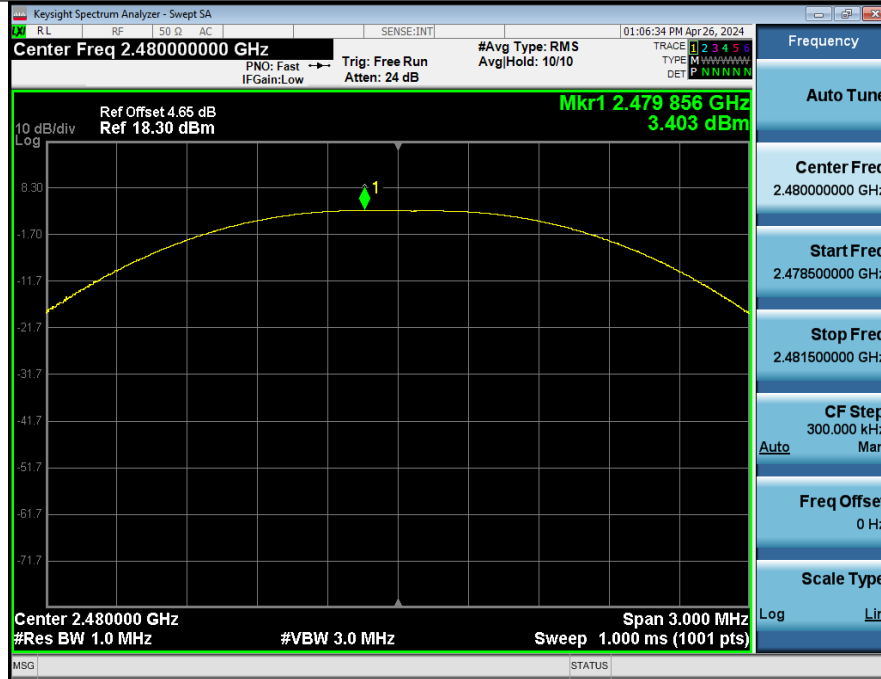


3. Peak Output Power

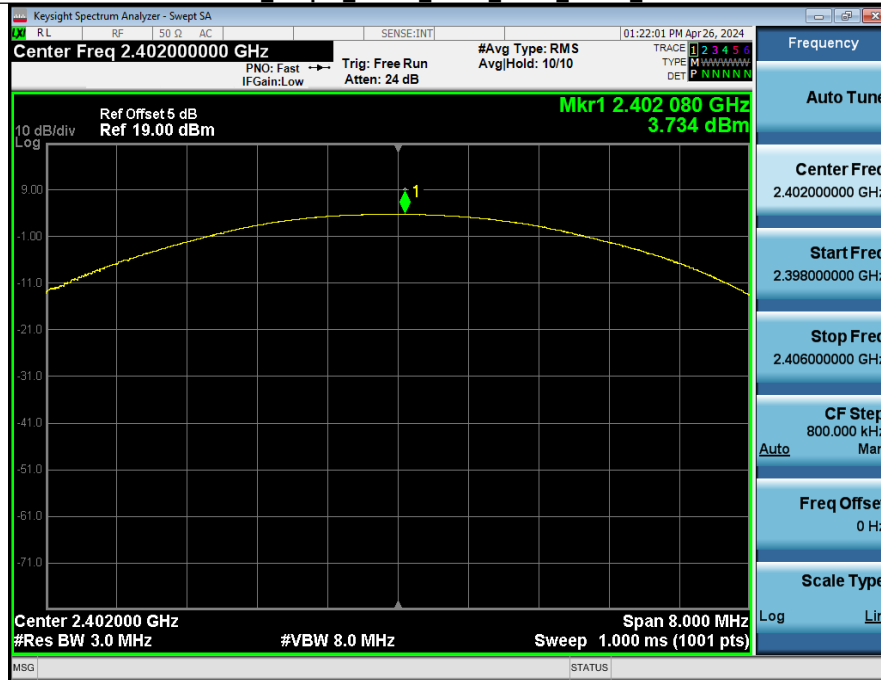
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402	3.50	2.24	1000	Pass
NVNT	ANT1	1-DH1	2441.00	3.11	2.05	1000	Pass
NVNT	ANT1	1-DH1	2480	3.40	2.19	1000	Pass
NVNT	ANT1	2-DH1	2402	3.73	2.36	125	Pass
NVNT	ANT1	2-DH1	2441.00	3.37	2.17	125	Pass
NVNT	ANT1	2-DH1	2480	3.73	2.36	125	Pass
NVNT	ANT1	3-DH1	2402	3.89	2.45	125	Pass
NVNT	ANT1	3-DH1	2441.00	3.57	2.27	125	Pass
NVNT	ANT1	3-DH1	2480	3.94	2.48	125	Pass



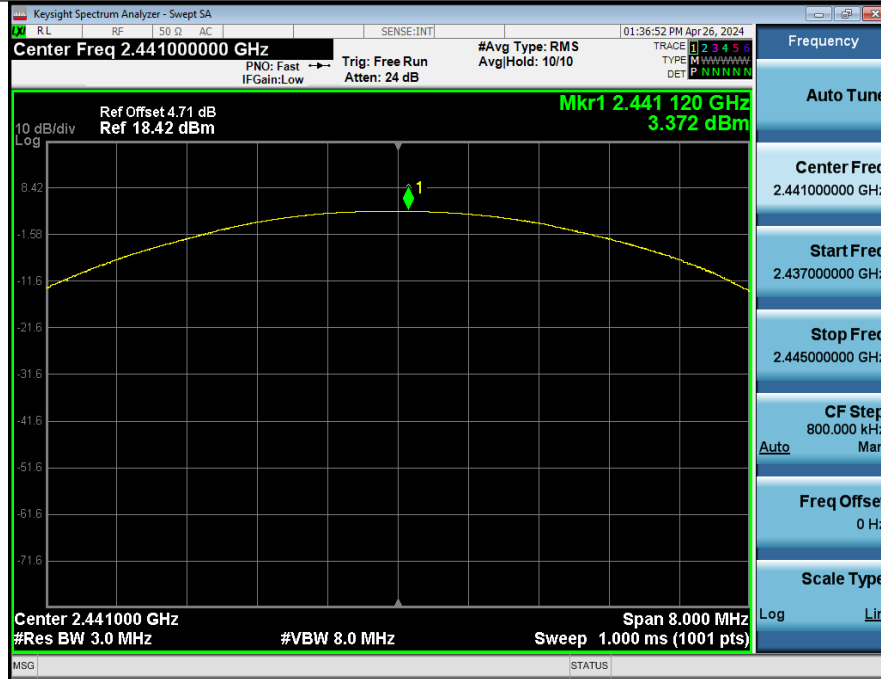
Peak_Output_Power_NVNT_ANT1_1-DH1_2480



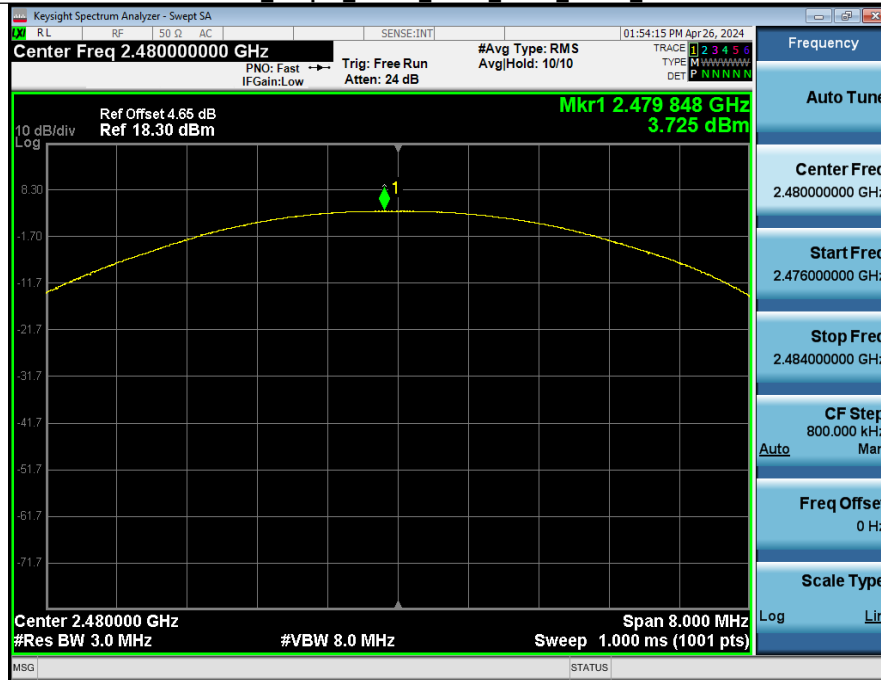
Peak_Output_Power_NVNT_ANT1_2-DH1_2402



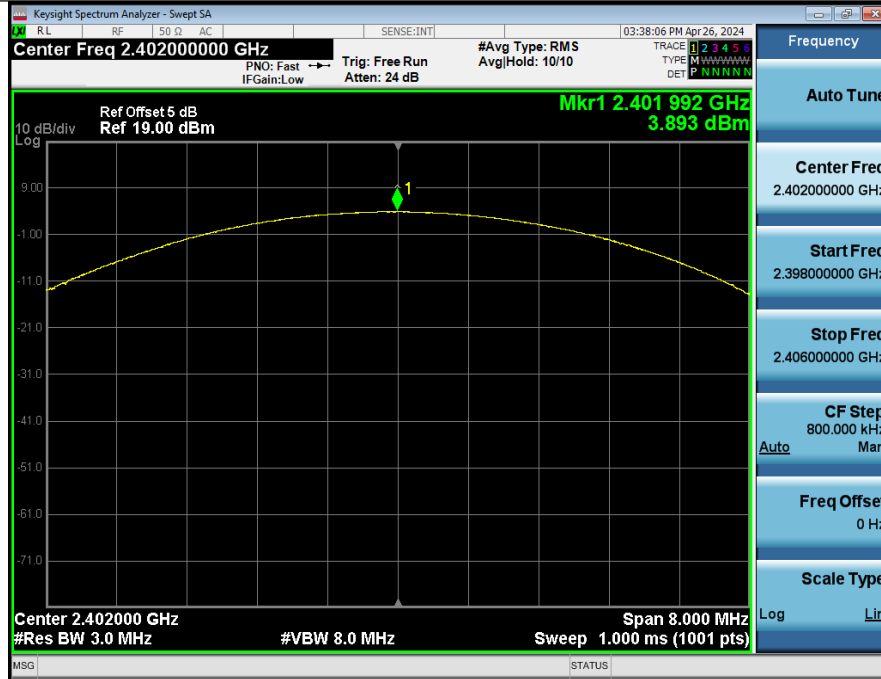
Peak_Output_Power_NVNT_ANT1_2-DH1_2441



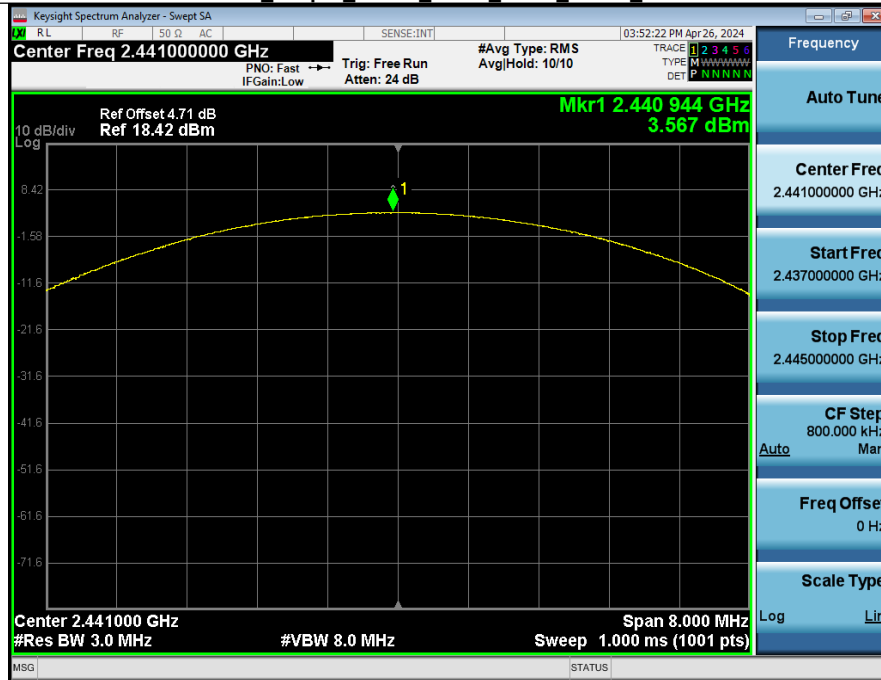
Peak_Output_Power_NVNT_ANT1_2-DH1_2480



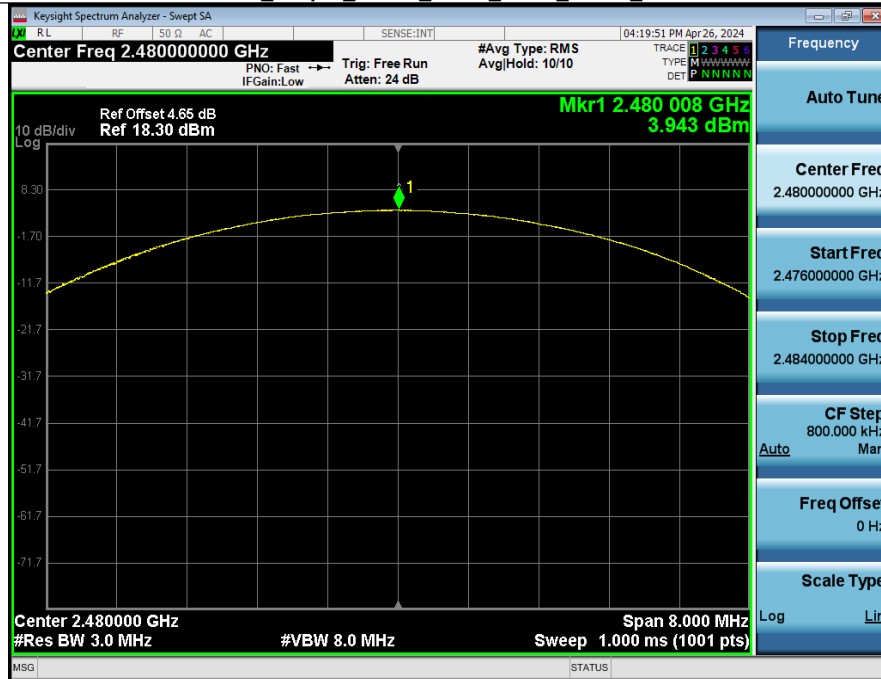
Peak Output Power_NVNT_ANT1_3-DH1_2402



Peak Output Power_NVNT_ANT1_3-DH1_2441



Peak_Output_Power_NVNT_ANT1_3-DH1_2480



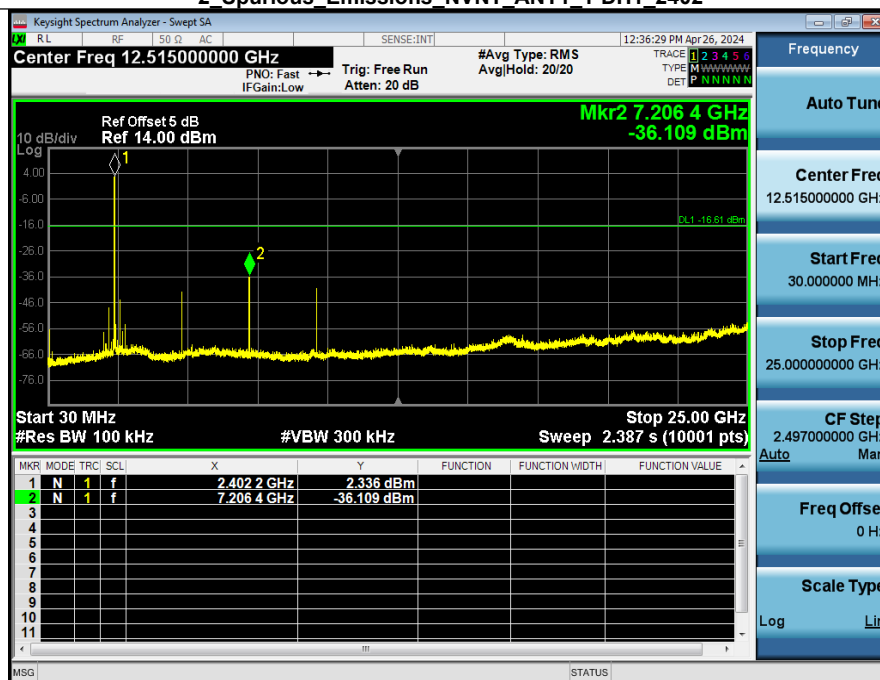
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402	-36.109	-16.608	Pass
NVNT	ANT1	1-DH1	2441.00	-36.791	-16.972	Pass
NVNT	ANT1	1-DH1	2480	-37.304	-16.661	Pass
NVNT	ANT1	2-DH1	2402	-35.386	-16.619	Pass
NVNT	ANT1	2-DH1	2441.00	-37.985	-16.971	Pass
NVNT	ANT1	2-DH1	2480	-38.049	-16.684	Pass
NVNT	ANT1	3-DH1	2402	-37.703	-16.638	Pass
NVNT	ANT1	3-DH1	2441.00	-34.898	-16.953	Pass
NVNT	ANT1	3-DH1	2480	-40.860	-16.667	Pass

1 Reference Level NVNT ANT1 1-DH1 2402



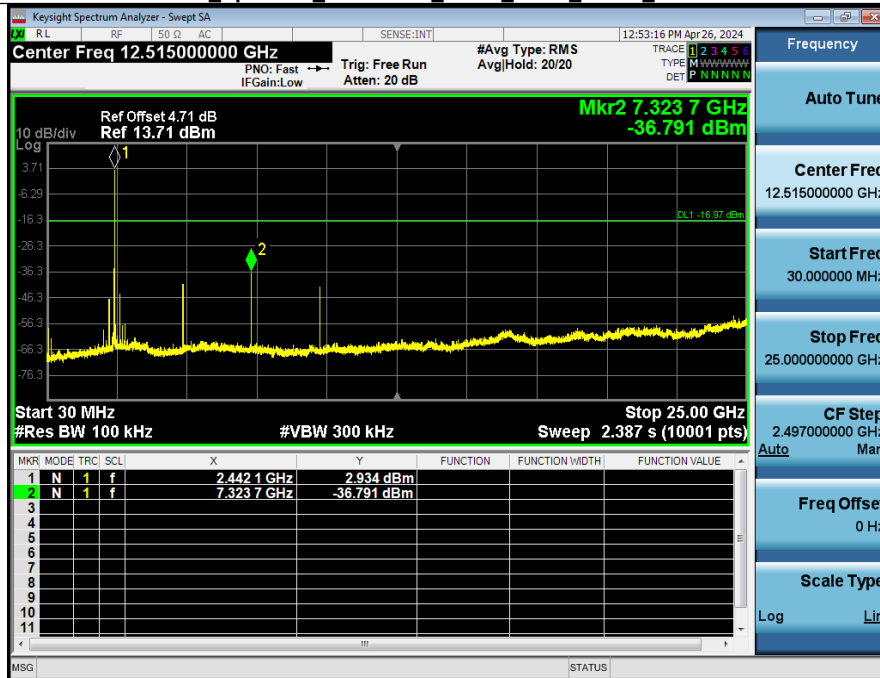
2 Spurious Emissions NVNT ANT1 1-DH1 2402



1_Reference_Level_NVNT_ANT1_1-DH1_2441



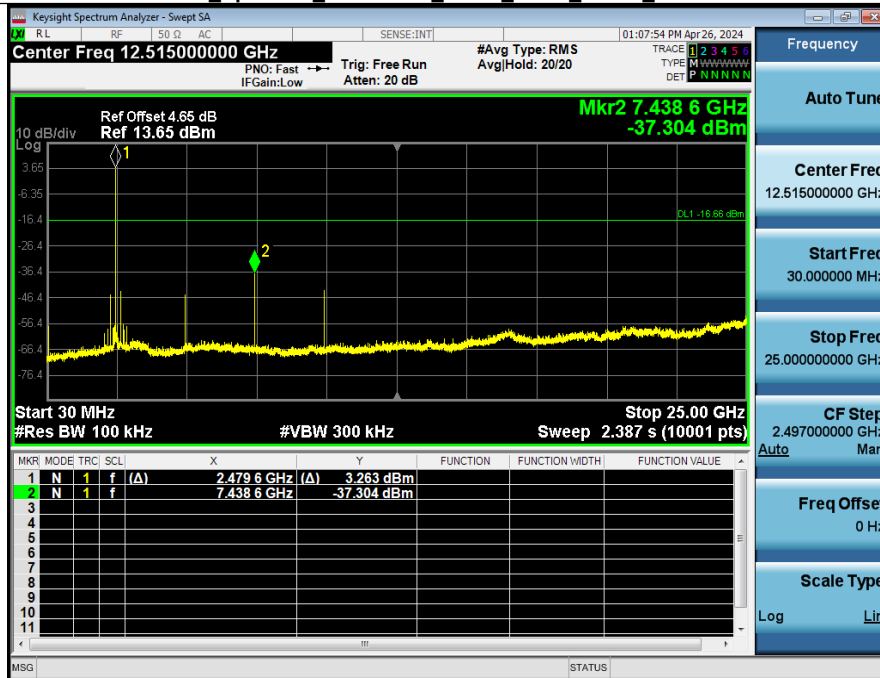
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



1_Reference_Level_NVNT_ANT1_1-DH1_2480



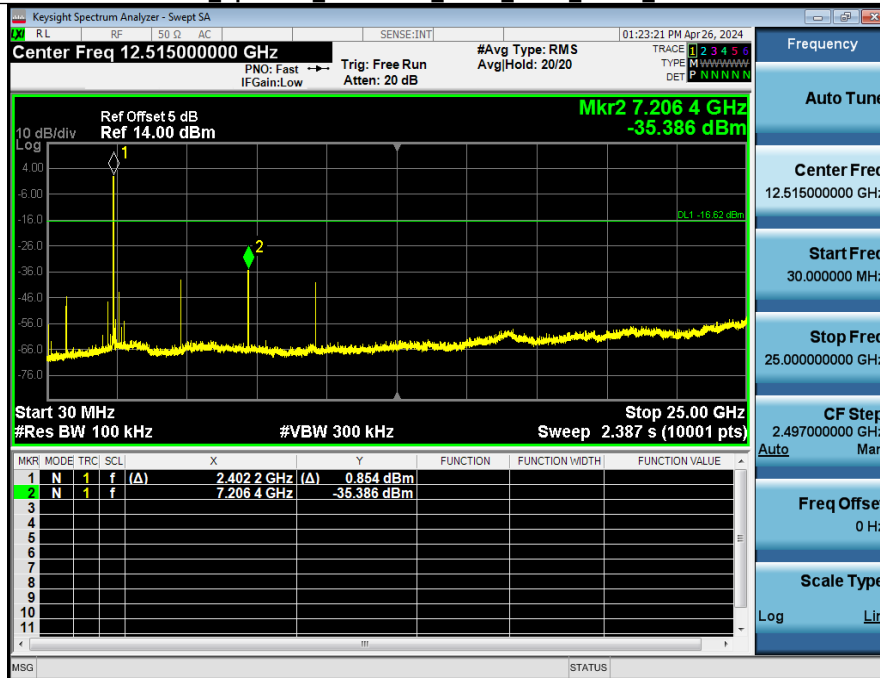
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480



1 Reference Level NVNT_ANT1_2-DH1_2402



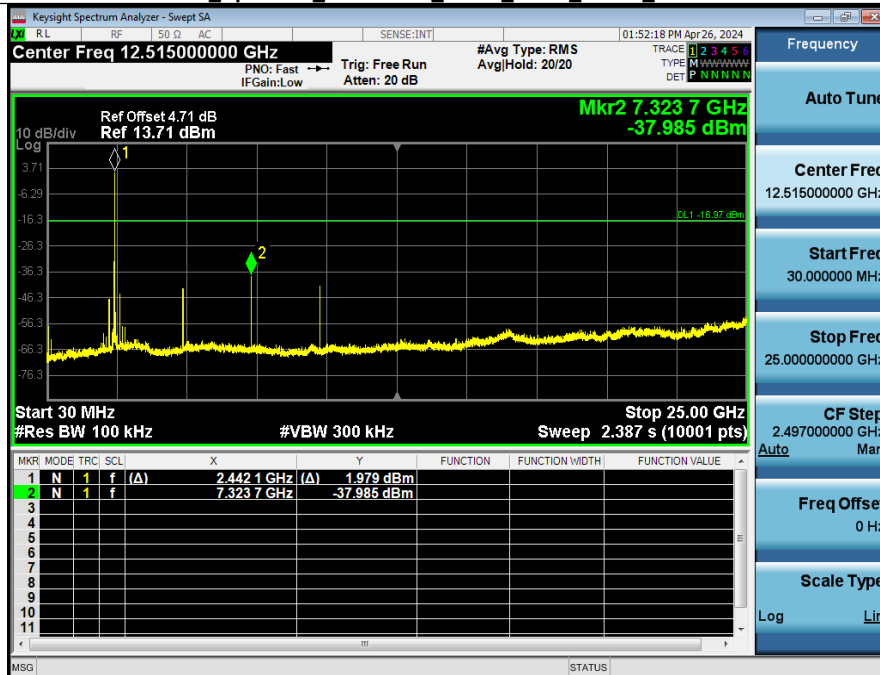
2 Spurious Emissions NVNT_ANT1_2-DH1_2402



1 Reference Level NVNT_ANT1_2-DH1_2441



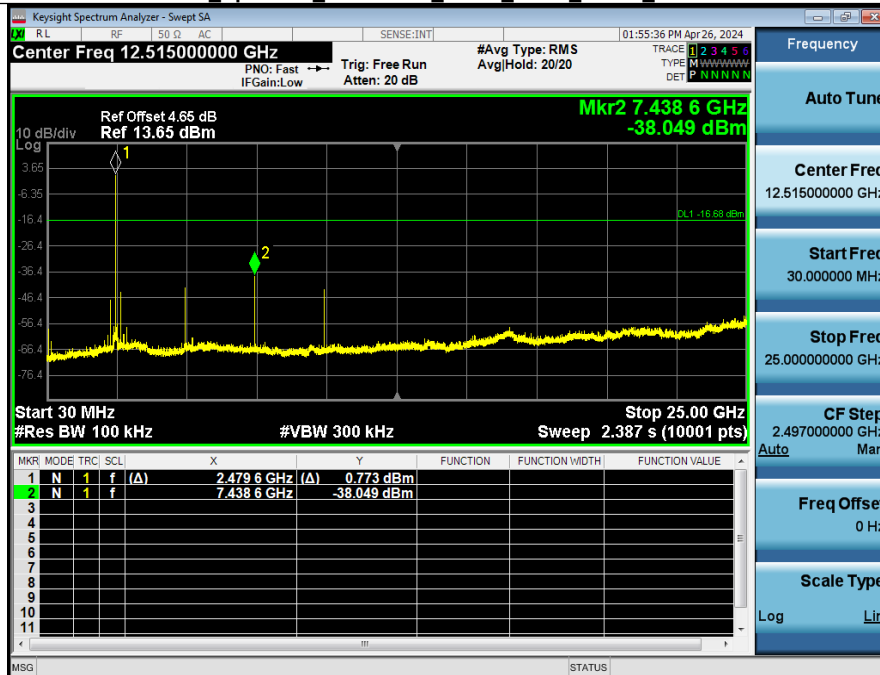
2 Spurious Emissions NVNT_ANT1_2-DH1_2441



1 Reference Level NVNT_ANT1_2-DH1_2480



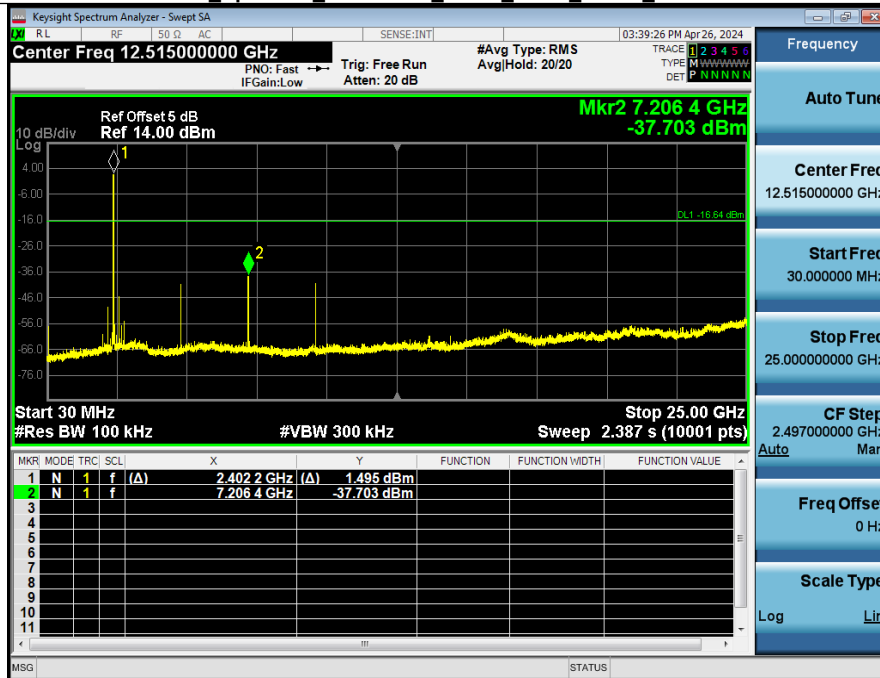
2 Spurious Emissions NVNT_ANT1_2-DH1_2480



1 Reference Level NVNT_ANT1_3-DH1_2402



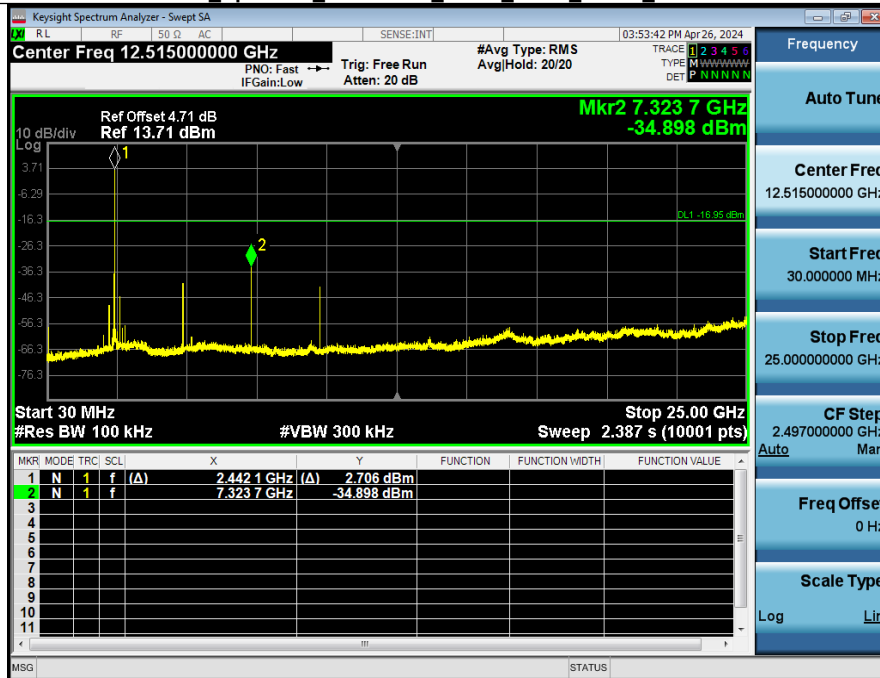
2 Spurious Emissions NVNT_ANT1_3-DH1_2402



1 Reference Level NVNT_ANT1_3-DH1_2441



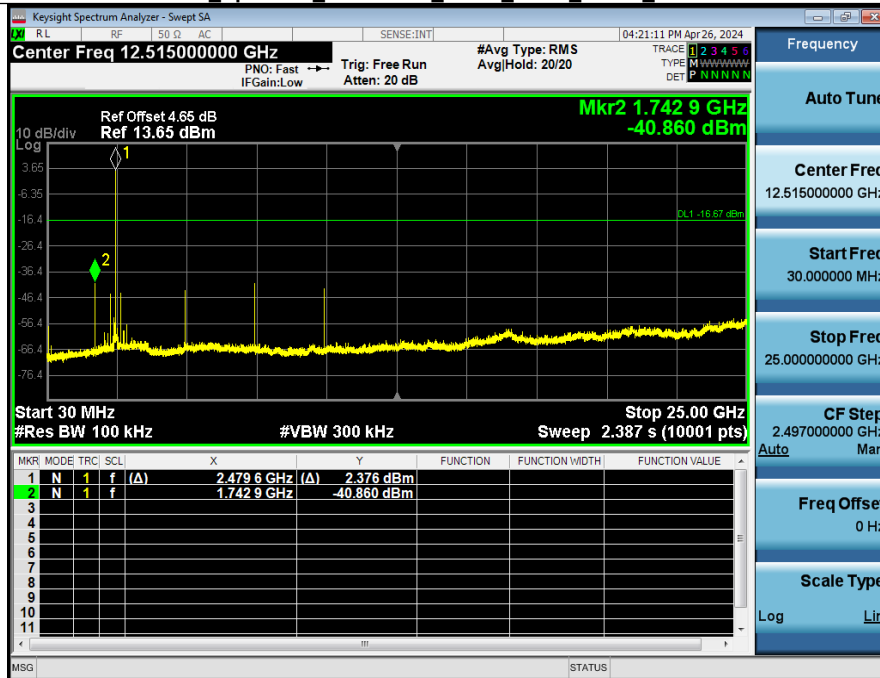
2 Spurious Emissions NVNT_ANT1_3-DH1_2441



1 Reference Level NVNT_ANT1_3-DH1_2480

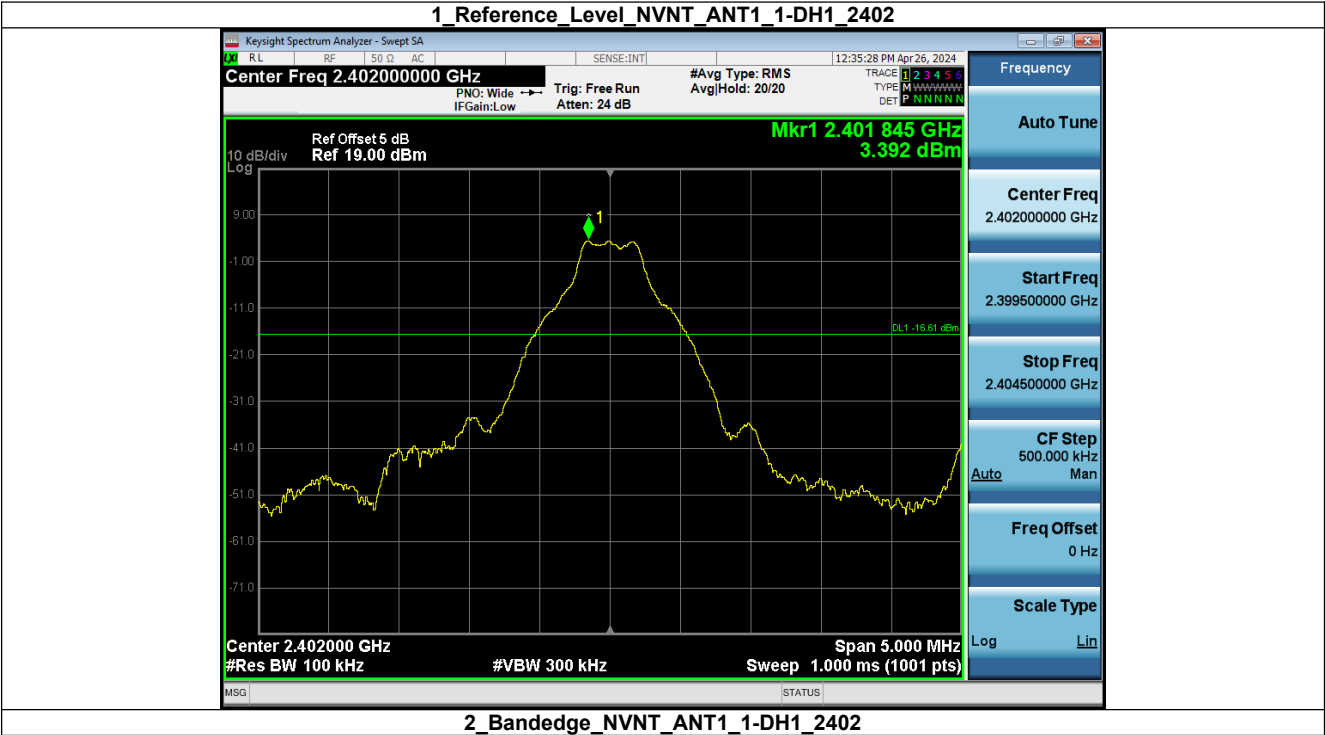


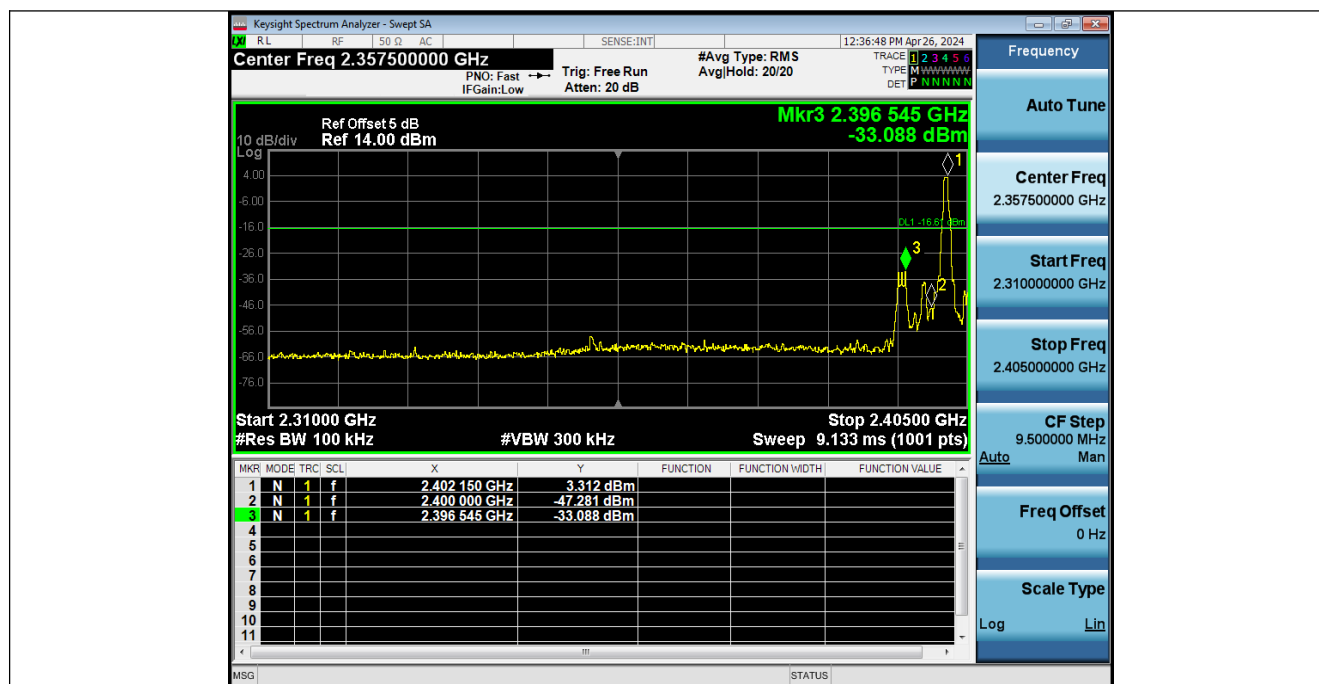
2 Spurious Emissions NVNT_ANT1_3-DH1_2480



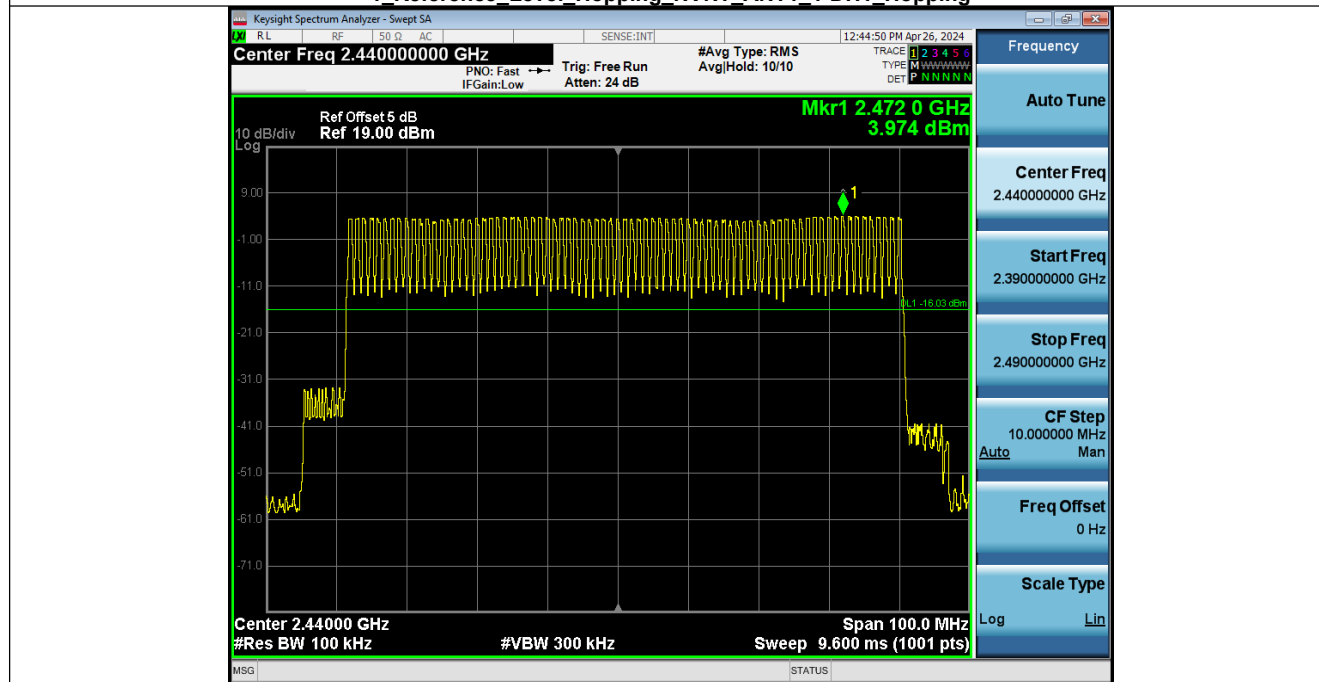
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402	-33.088	-16.608	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-32.950	-16.026	Pass
NVNT	ANT1	1-DH1	2480	-40.786	-16.661	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-40.922	-16.404	Pass
NVNT	ANT1	2-DH1	2402	-33.071	-16.619	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-33.077	-16.052	Pass
NVNT	ANT1	2-DH1	2480	-40.796	-16.684	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-40.928	-16.453	Pass
NVNT	ANT1	3-DH1	2402	-33.106	-16.638	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-32.962	-16.062	Pass
NVNT	ANT1	3-DH1	2480	-40.752	-16.667	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-40.756	-16.370	Pass

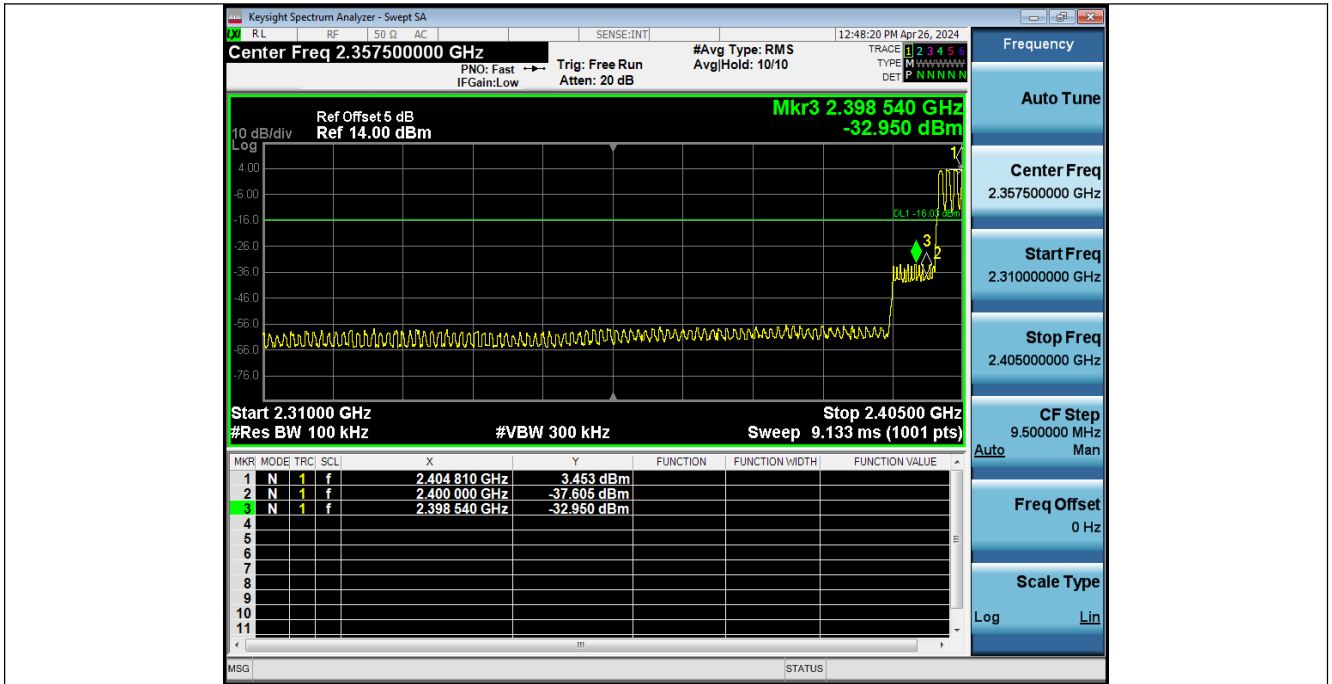




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



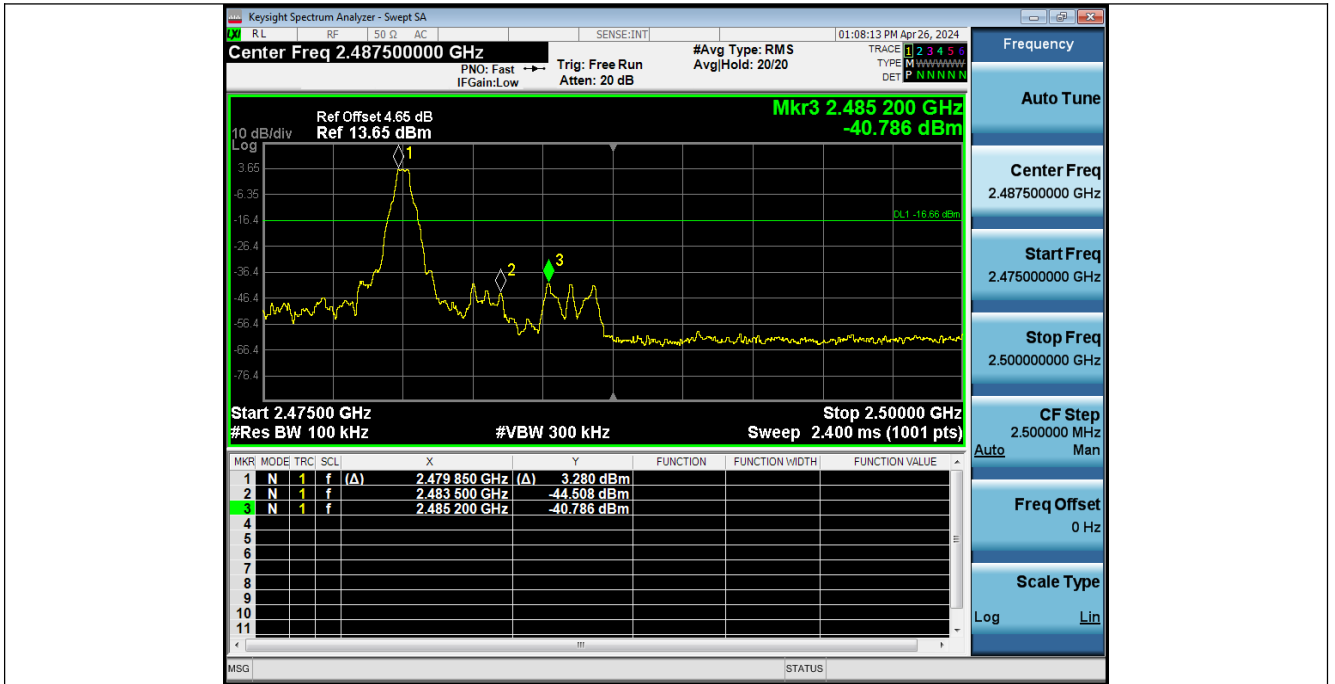
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



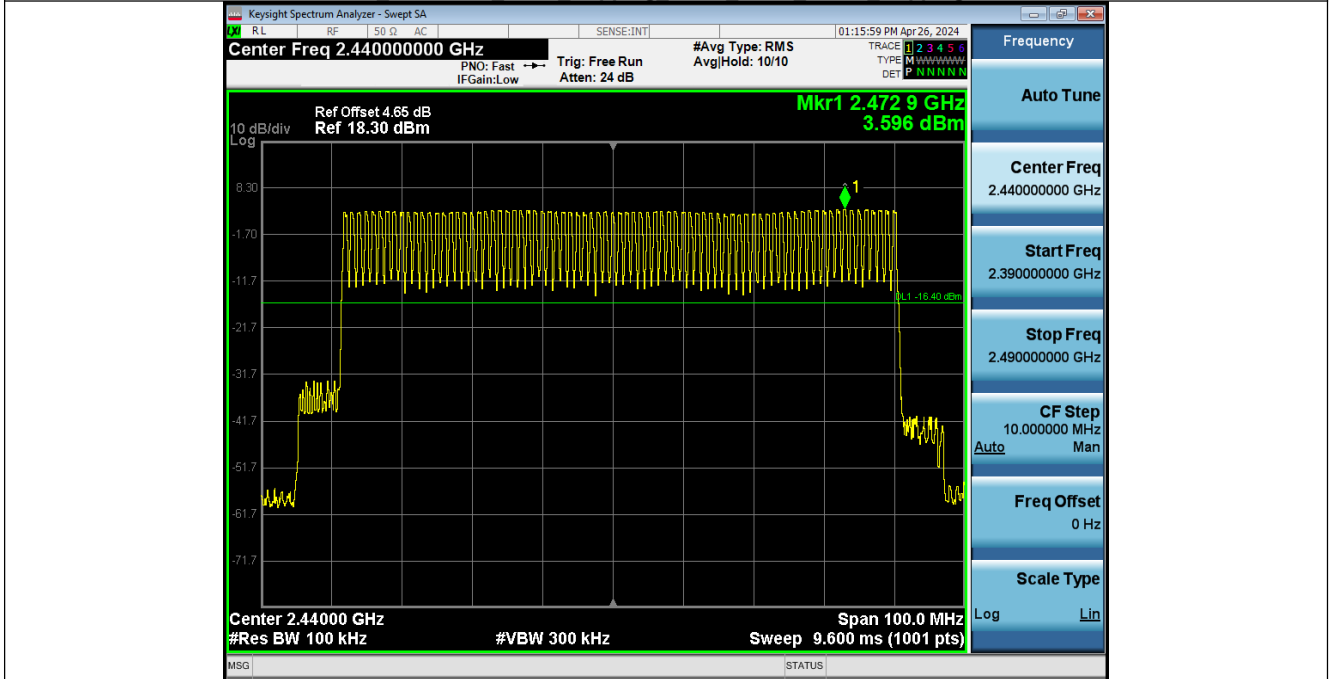
1 Reference_Level_NVNT_ANT1_1-DH1_2480



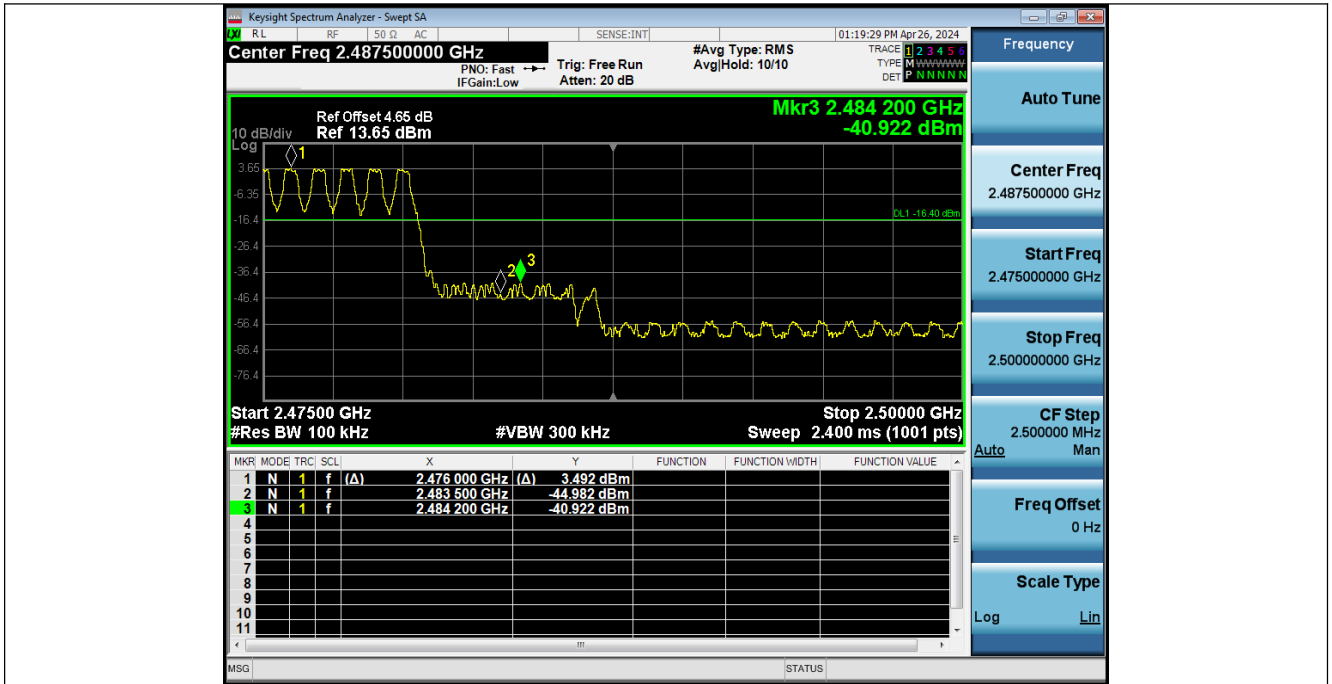
2_Bandedge_NVNT_ANT1_1-DH1_2480



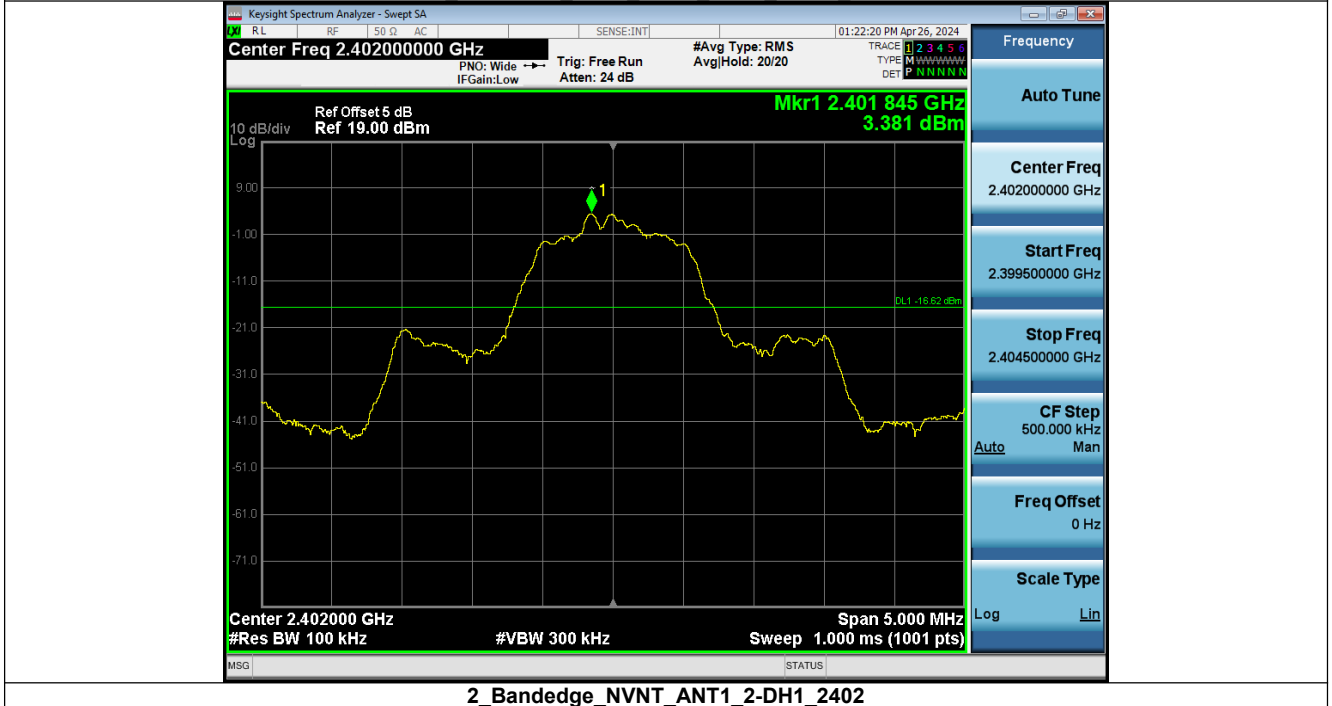
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



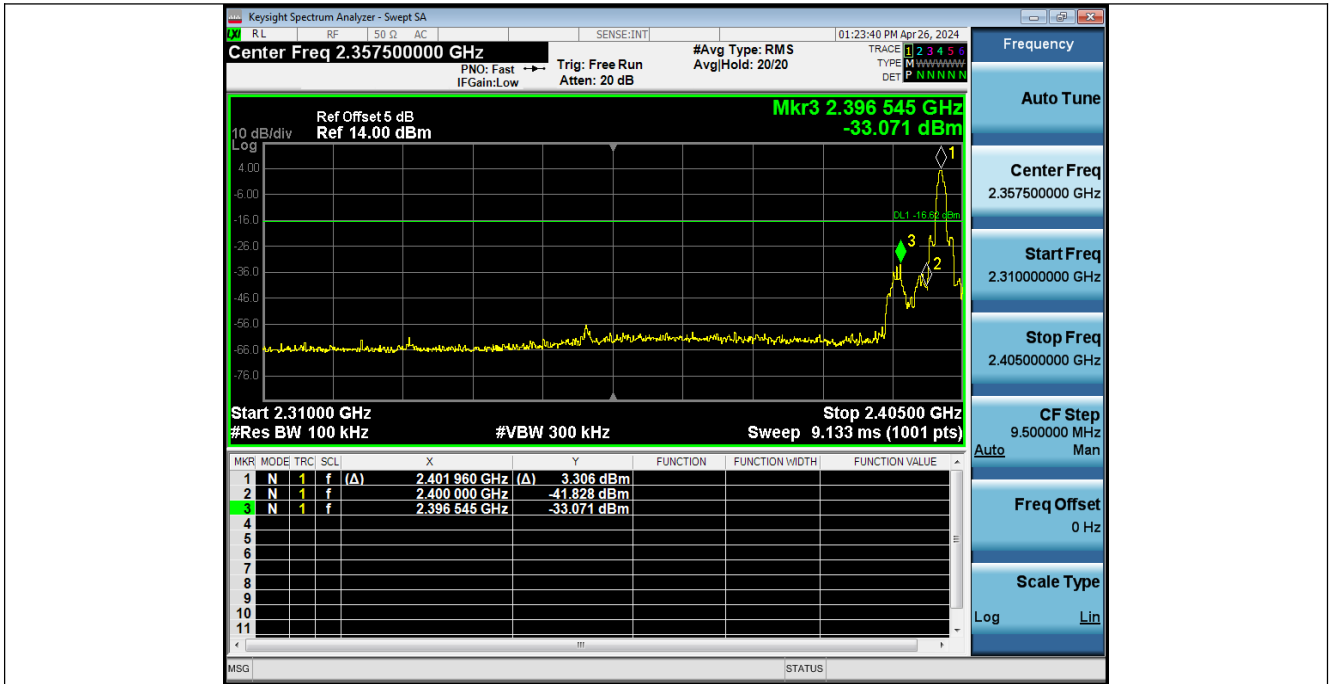
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



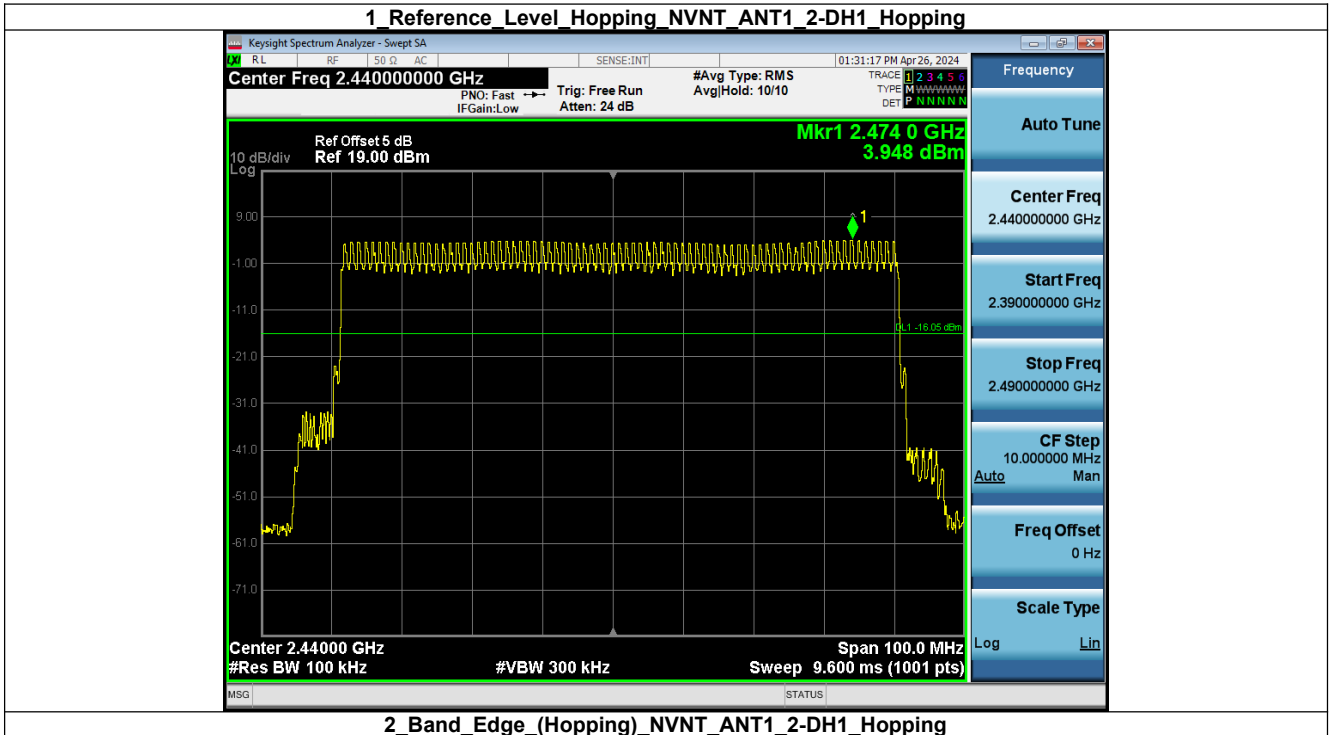
1 Reference_Level_NVNT_ANT1_2-DH1_2402

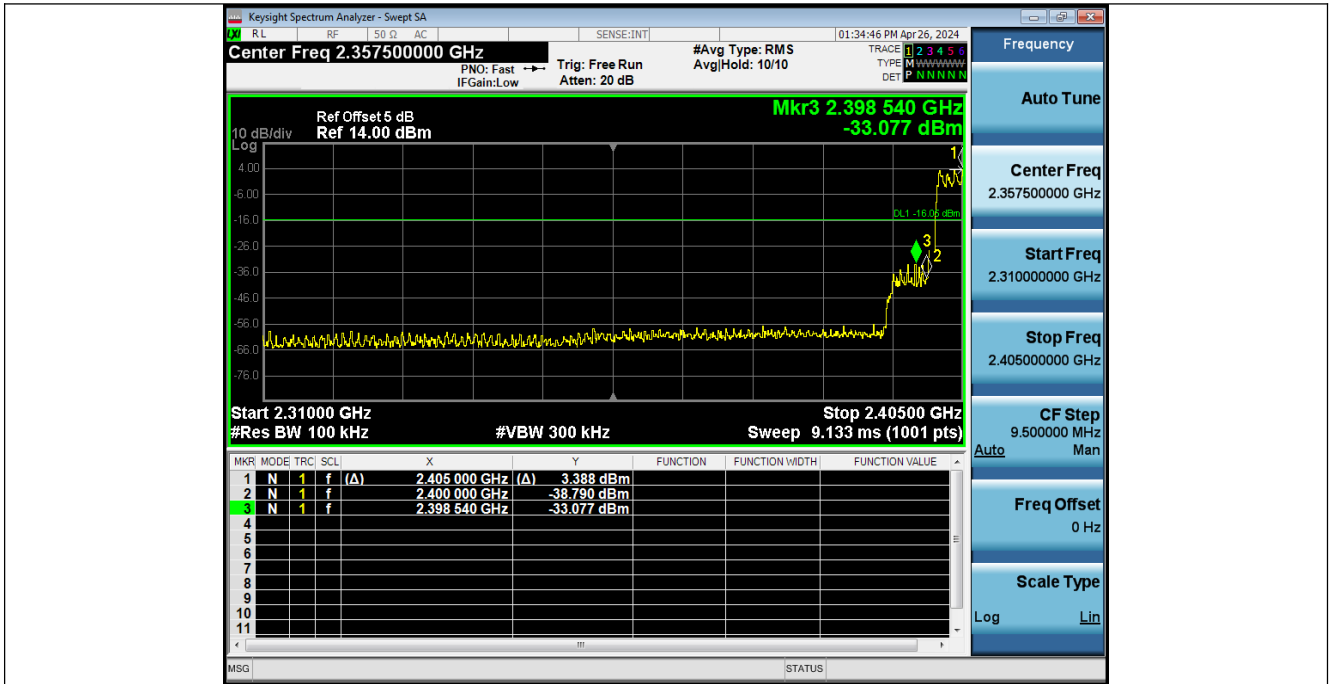


2_Bandedge_NVNT_ANT1_2-DH1_2402

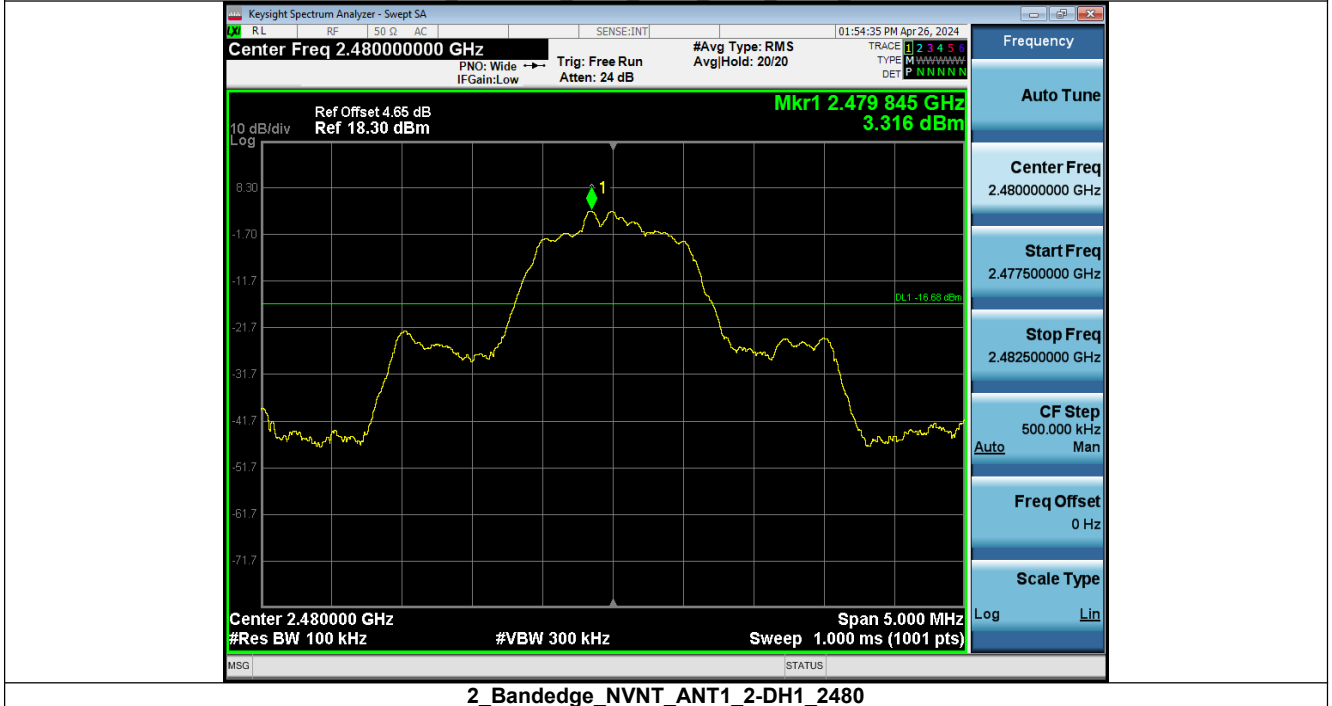


1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping





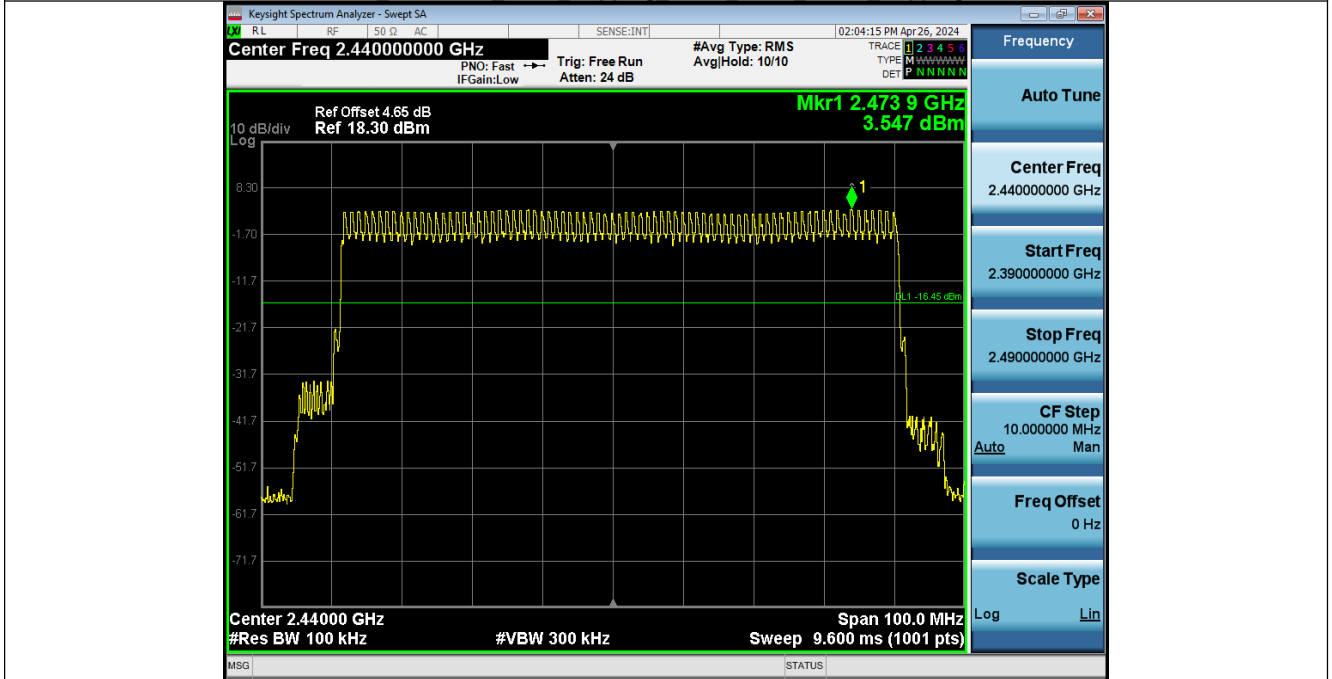
1 Reference_Level_NVNT_ANT1_2-DH1_2480



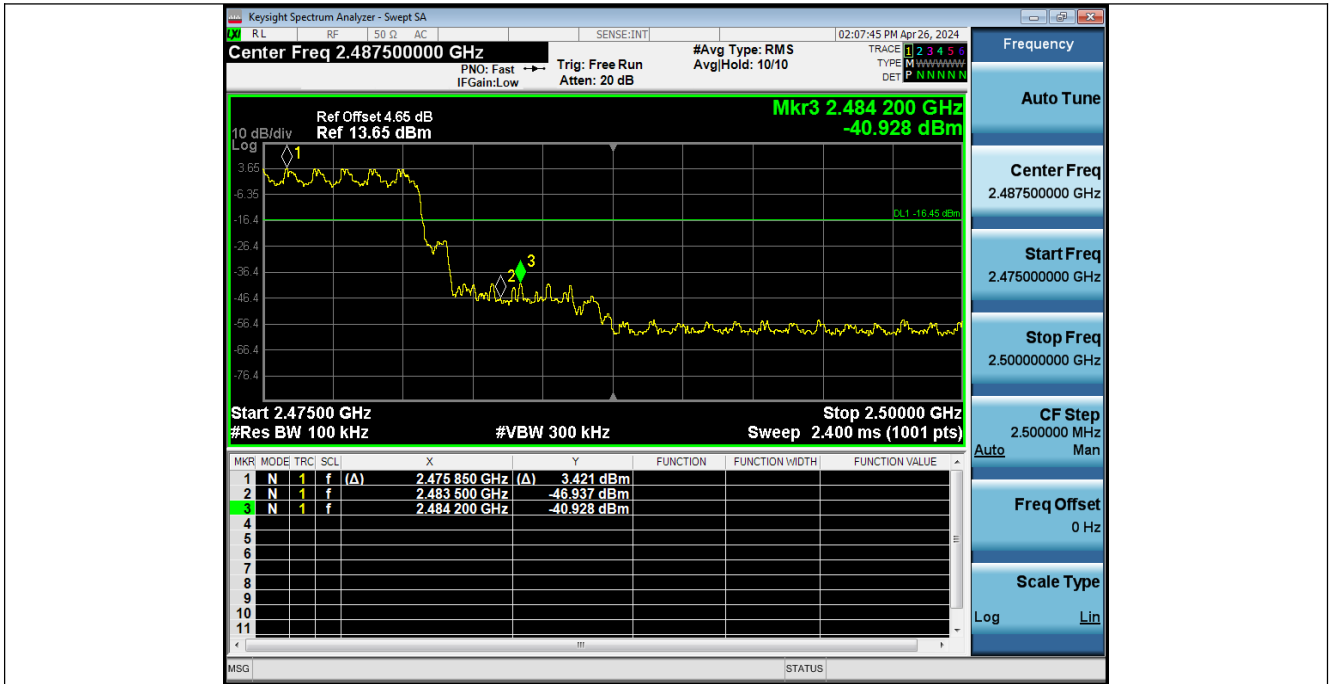
2_Bandedge_NVNT_ANT1_2-DH1_2480



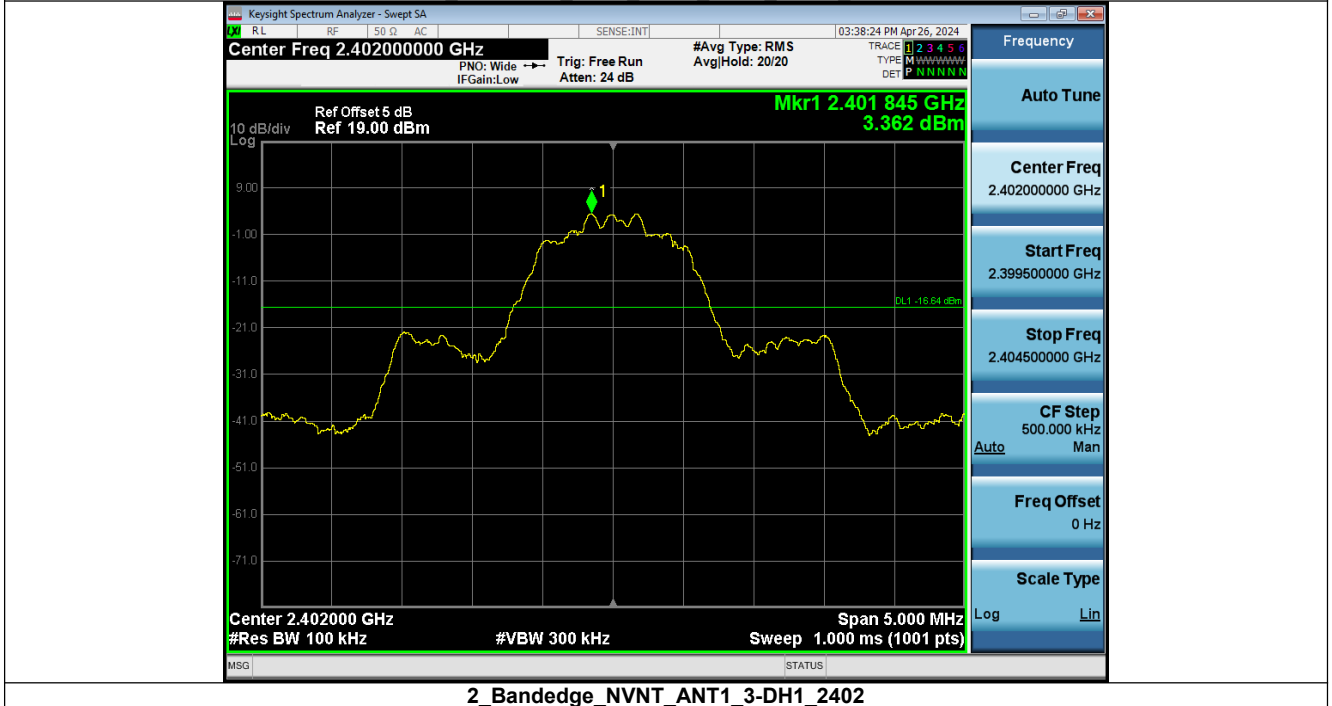
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



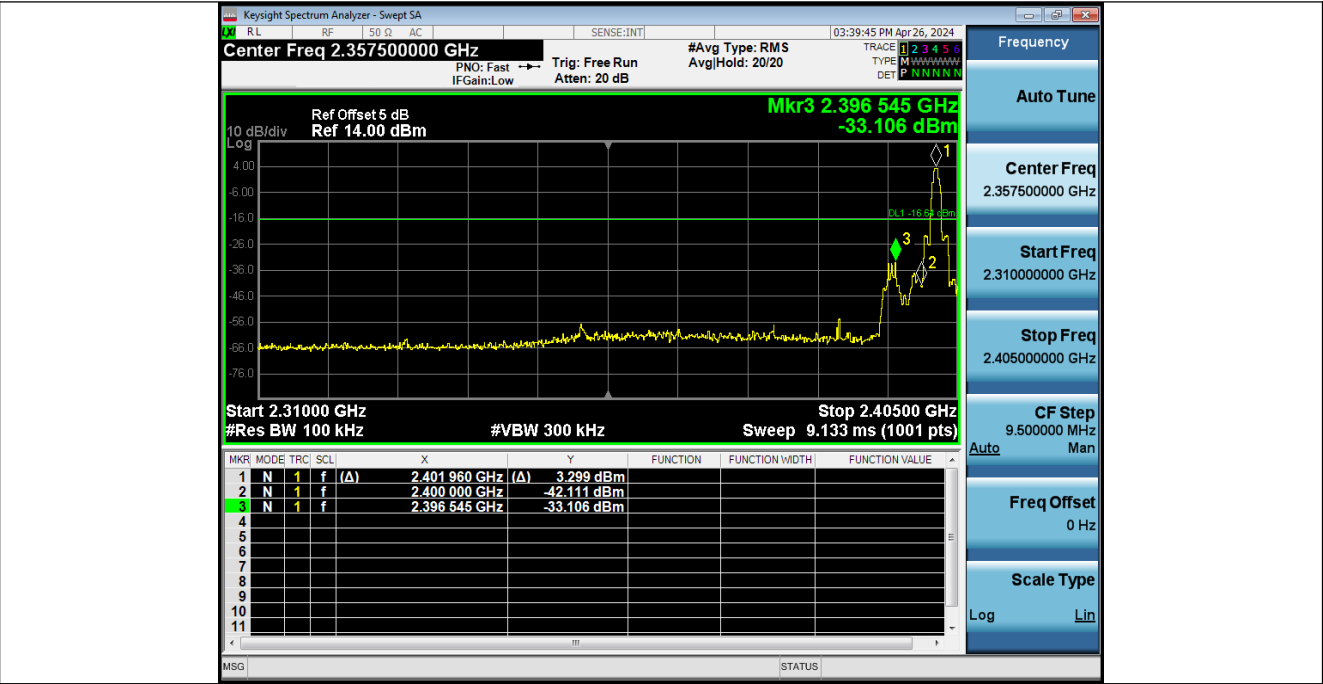
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



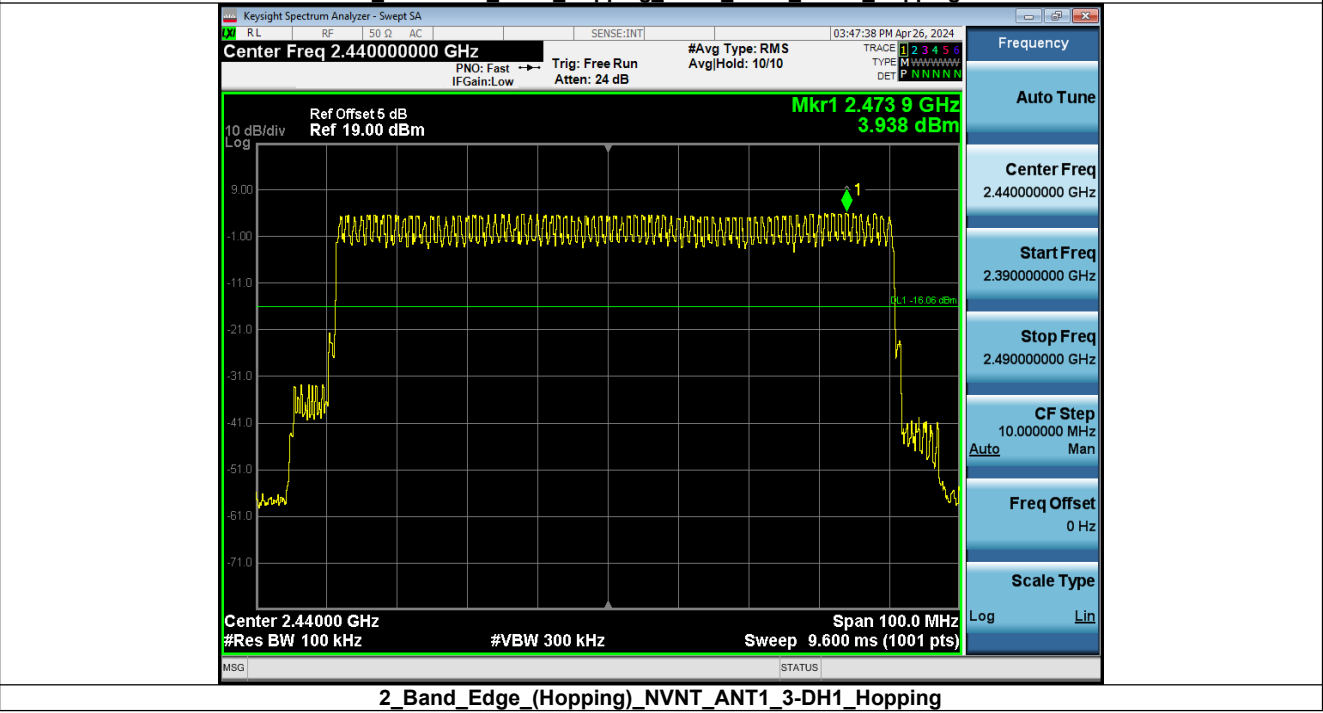
1_Reference_Level_NVNT_ANT1_3-DH1_2402



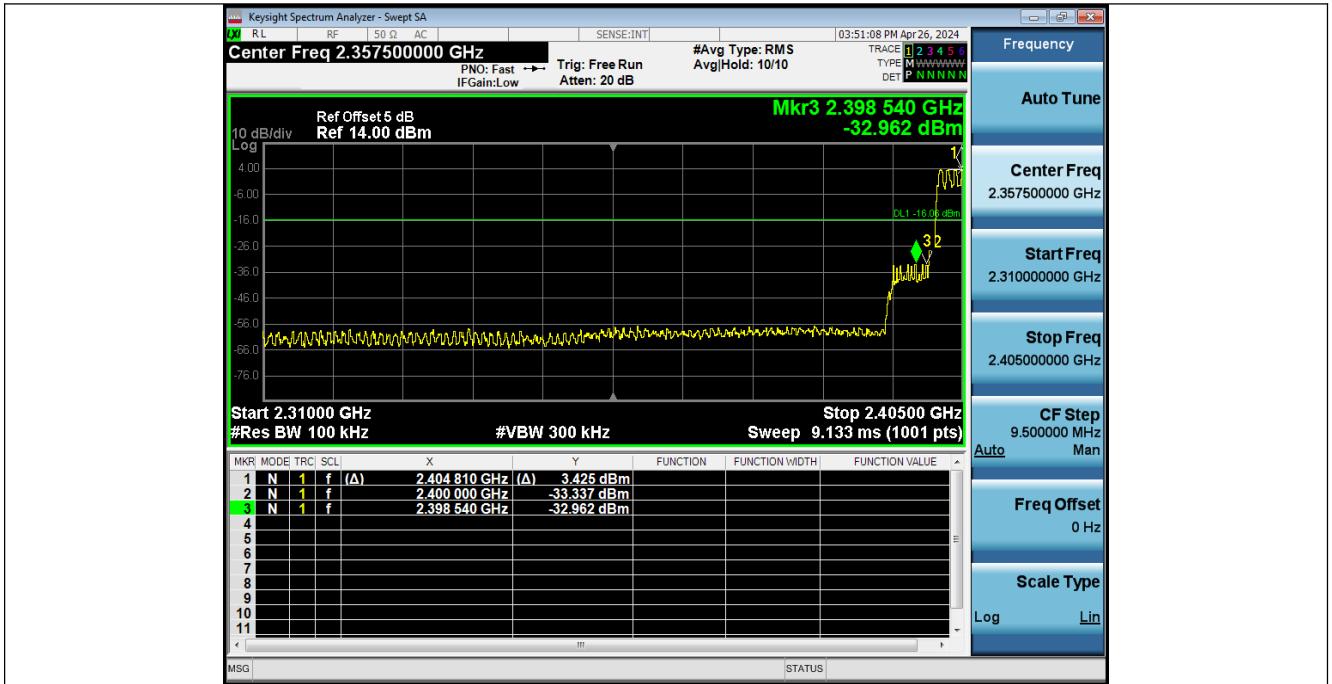
2_Bandedge_NVNT_ANT1_3-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



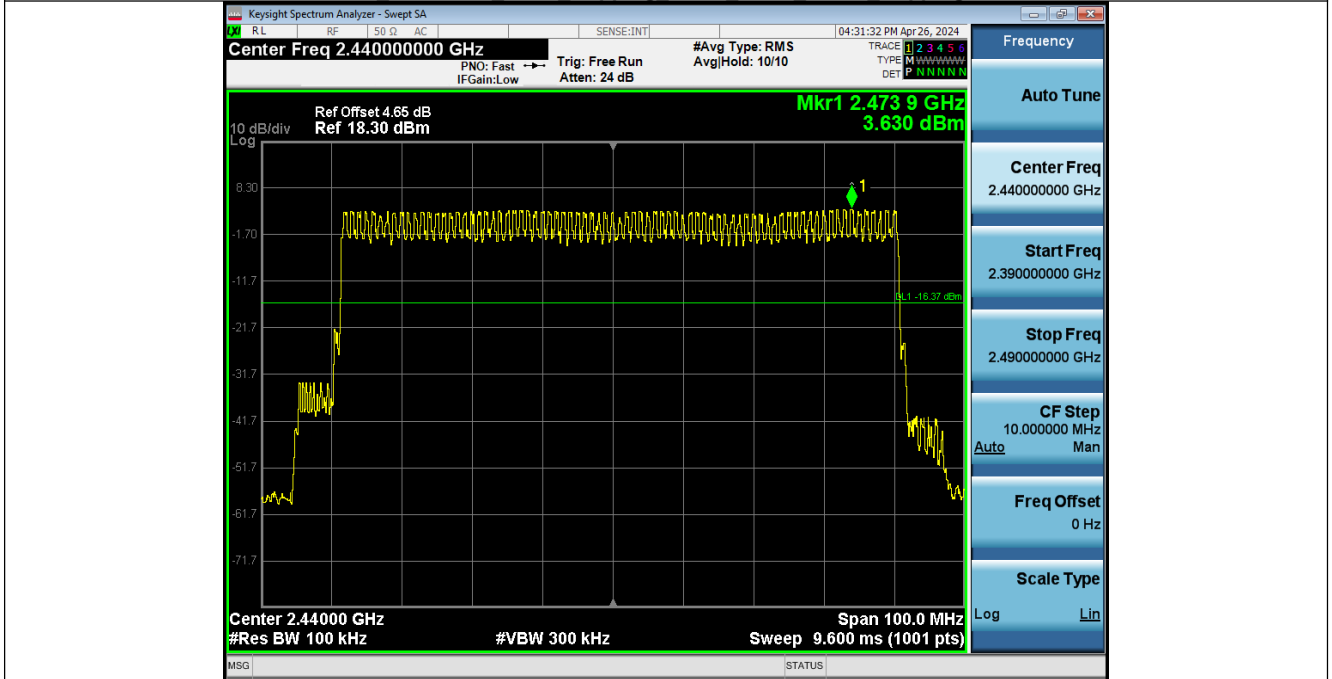
1 Reference_Level_NVNT_ANT1_3-DH1_2480



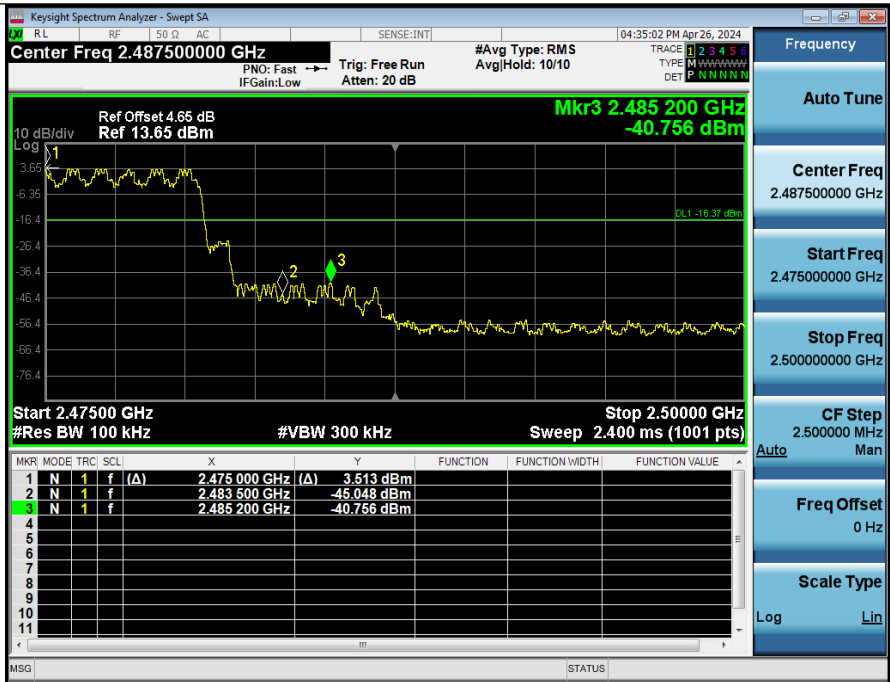
2_Bandedge_NVNT_ANT1_3-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

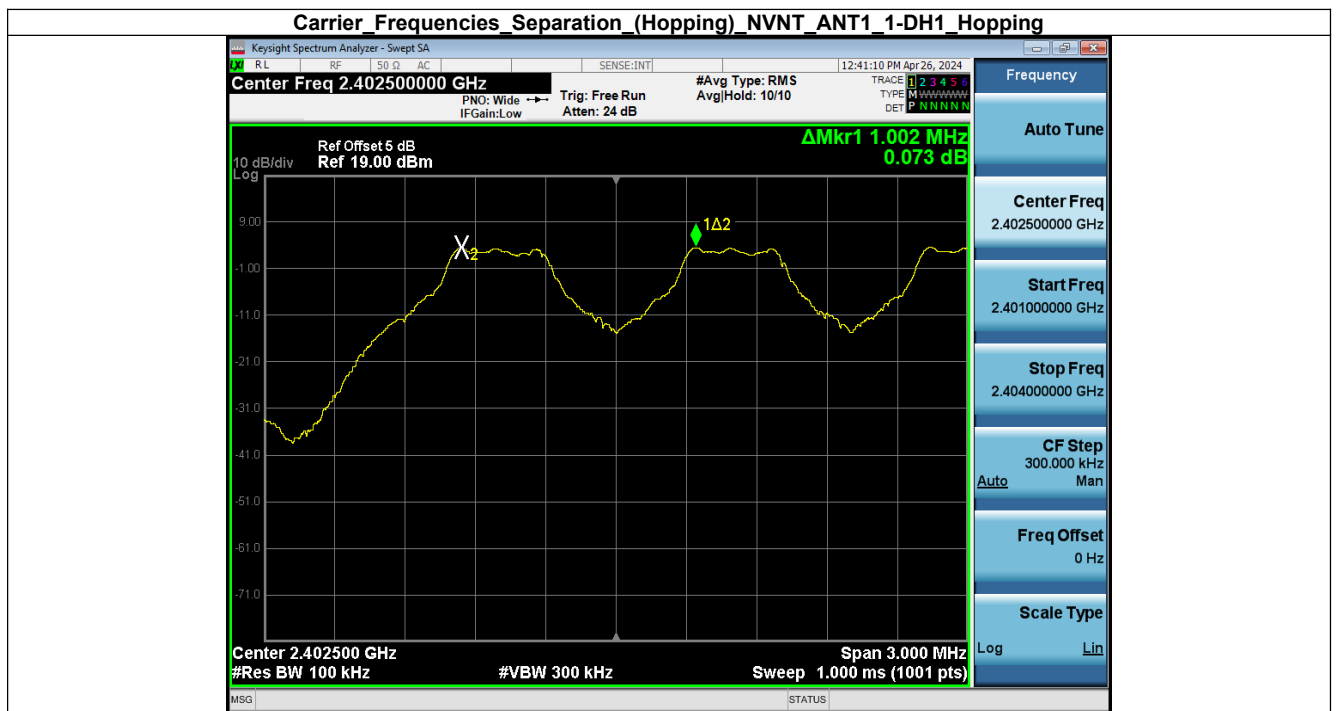


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

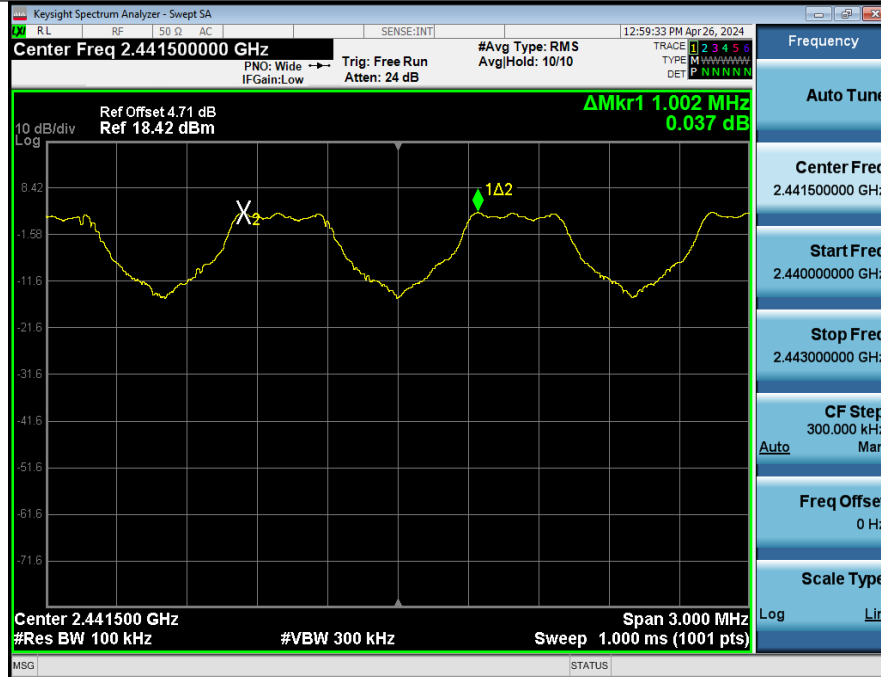


6. Carrier Frequencies Separation (Hopping)

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402	2401.840	2402.842	1.00	0.878	Pass
NVNT	ANT1	1-DH1	2441.00	2440.840	2441.842	1.00	0.877	Pass
NVNT	ANT1	1-DH1	2480	2478.843	2479.842	1.00	0.882	Pass
NVNT	ANT1	2-DH1	2402	2401.840	2402.842	1.00	0.858	Pass
NVNT	ANT1	2-DH1	2441.00	2440.843	2441.842	1.00	0.857	Pass
NVNT	ANT1	2-DH1	2480	2478.843	2479.842	1.00	0.857	Pass
NVNT	ANT1	3-DH1	2402	2401.843	2402.842	1.00	0.829	Pass
NVNT	ANT1	3-DH1	2441.00	2440.843	2441.842	1.00	0.824	Pass
NVNT	ANT1	3-DH1	2480	2478.840	2479.842	1.00	0.832	Pass



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



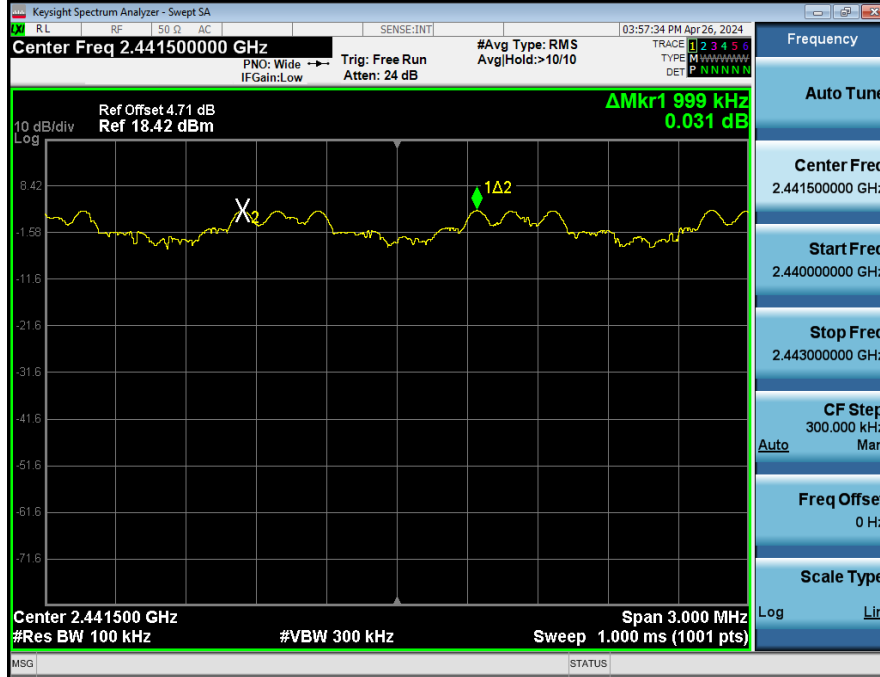
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1_3-DH1_Hopping

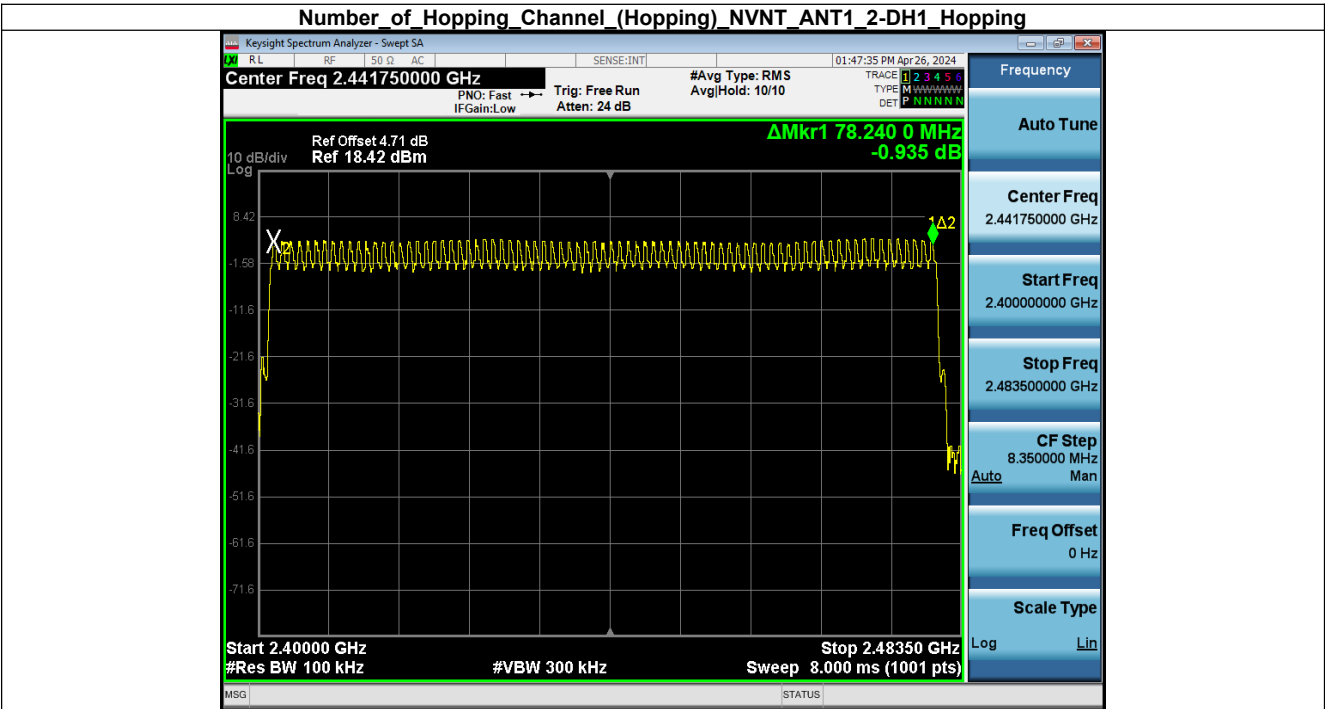
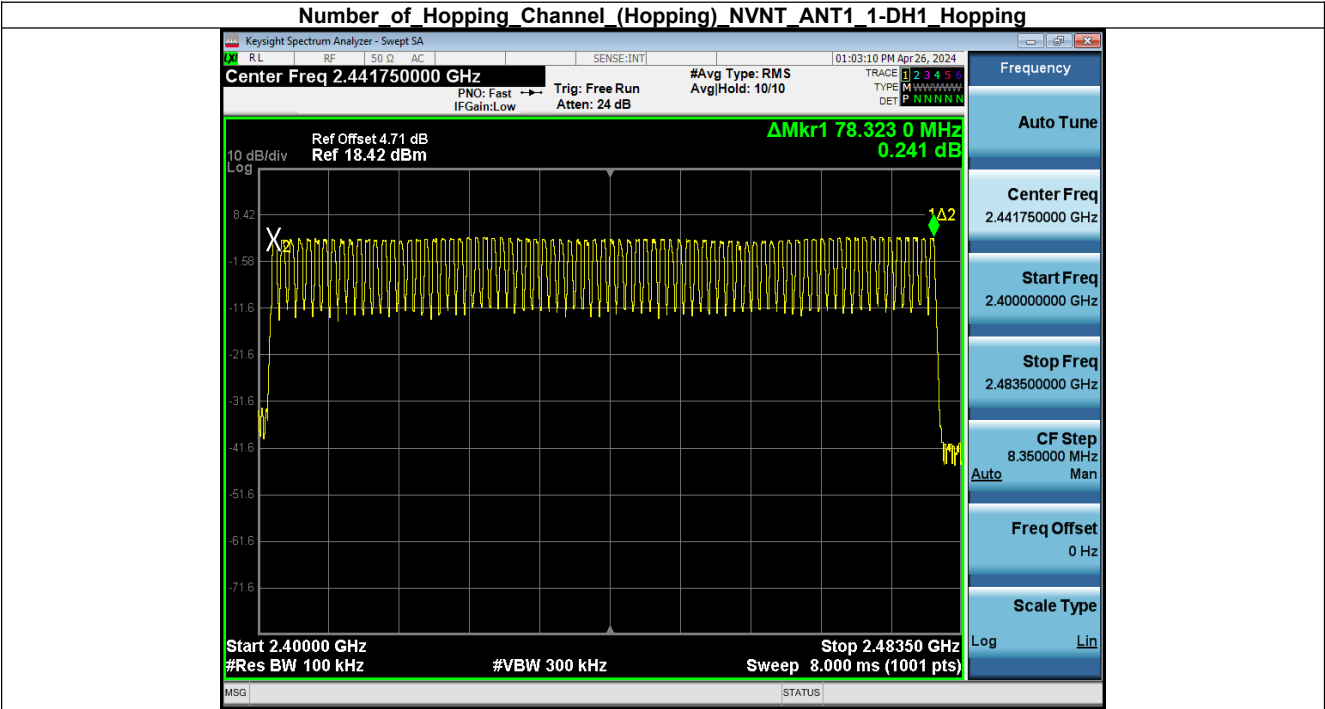


Carrier Frequencies Separation (Hopping) NVNT_ANT1_3-DH1_Hopping

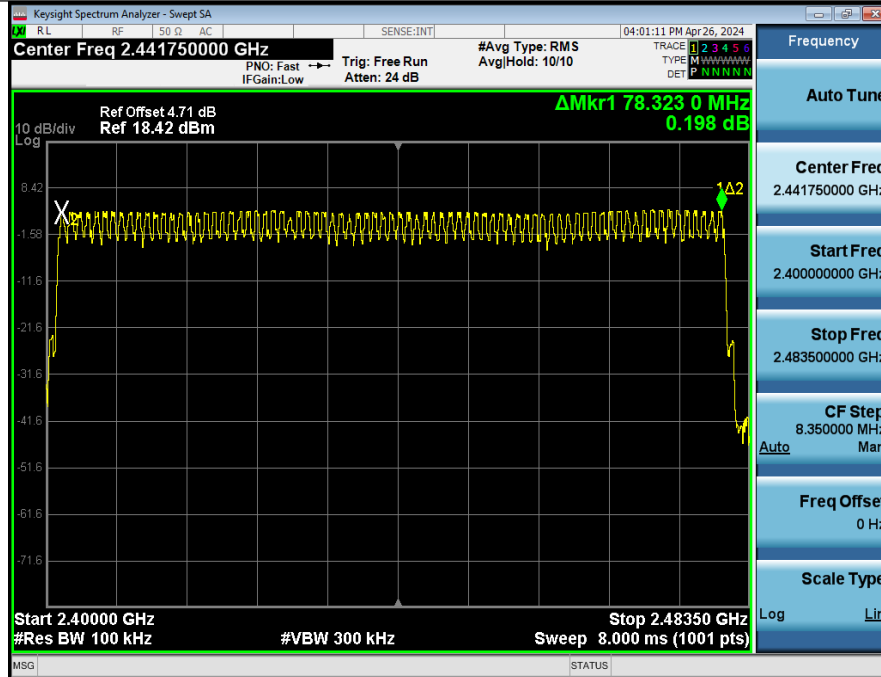


7. Number of Hopping Channel (Hopping)

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

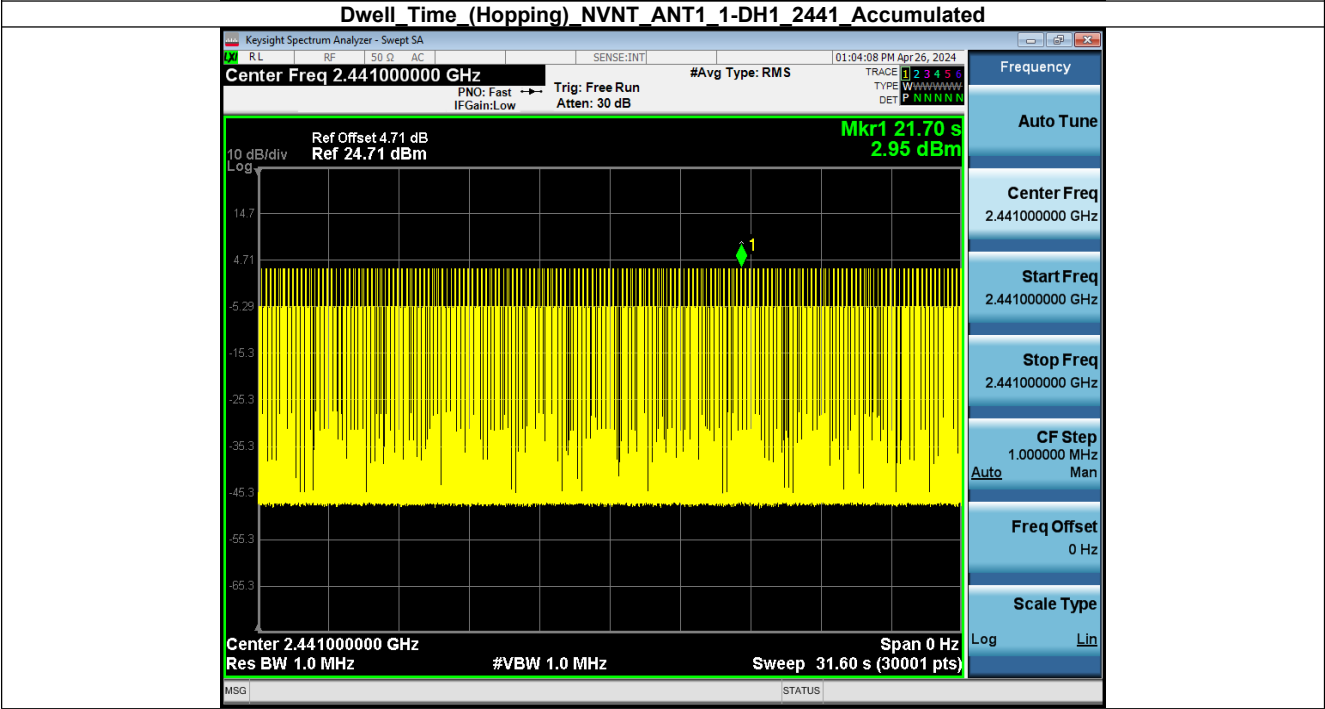
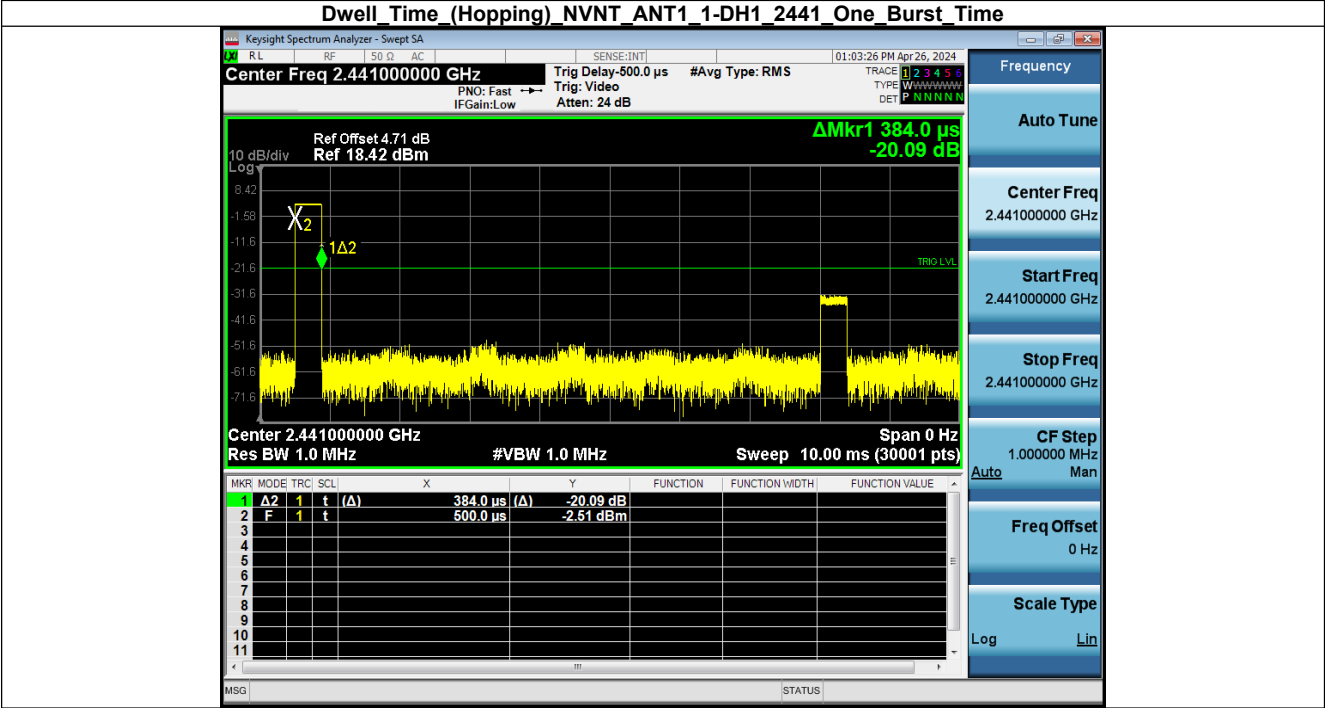


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

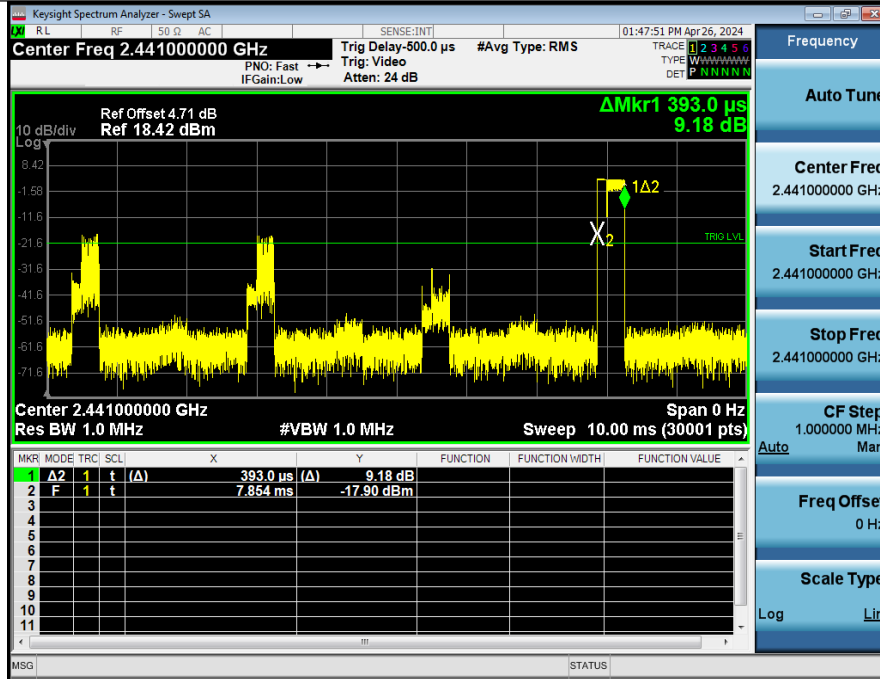


8. Dwell Time (Hopping)

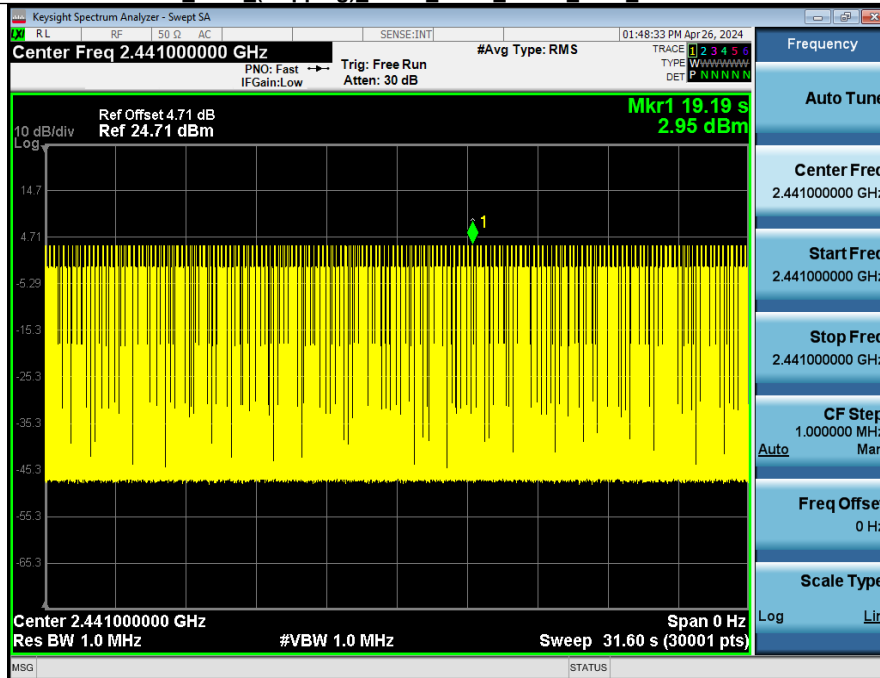
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.384	317.00	121.728	0.40	Pass
NVNT	ANT1	2-DH1	0.393	319.00	125.367	0.40	Pass
NVNT	ANT1	3-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	1-DH5	1.640	169.00	277.160	0.40	Pass
NVNT	ANT1	2-DH3	1.645	170.00	279.650	0.40	Pass
NVNT	ANT1	2-DH5	2.893	111.00	321.123	0.40	Pass
NVNT	ANT1	3-DH3	1.644	165.00	271.260	0.40	Pass
NVNT	ANT1	3-DH5	2.895	105.00	303.975	0.40	Pass



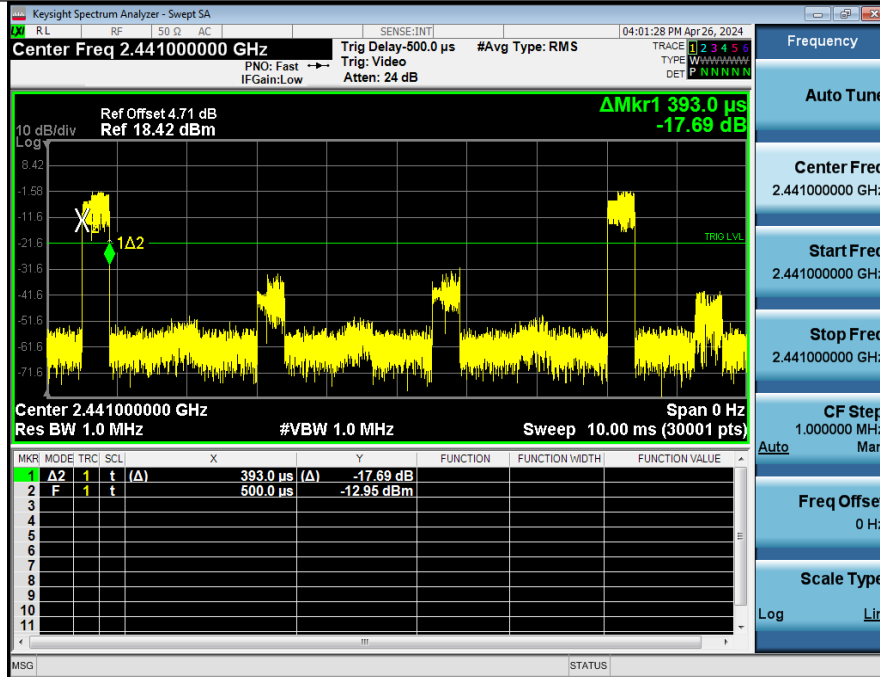
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_One_Burst_Time



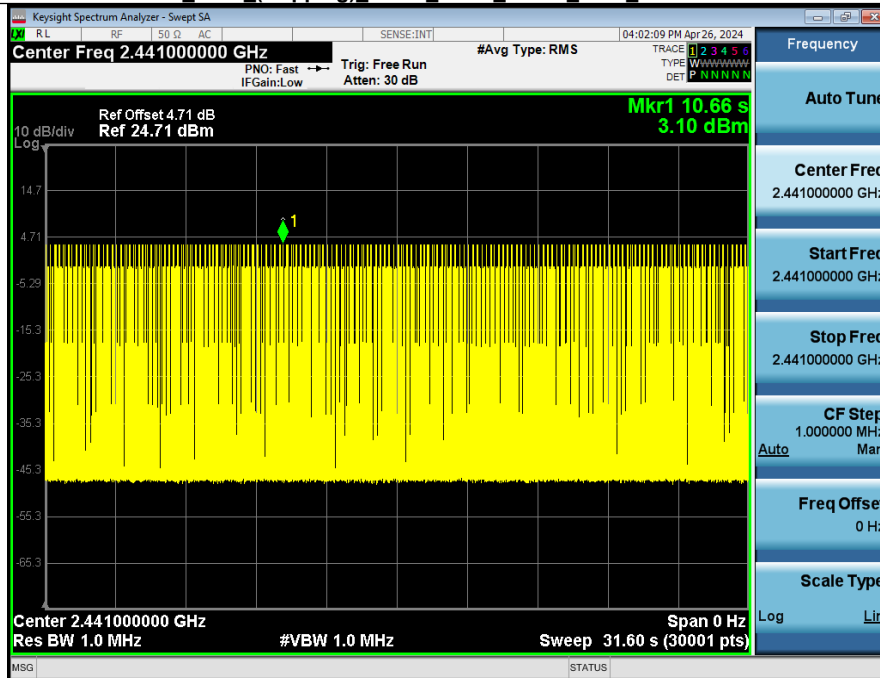
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_Accumulated



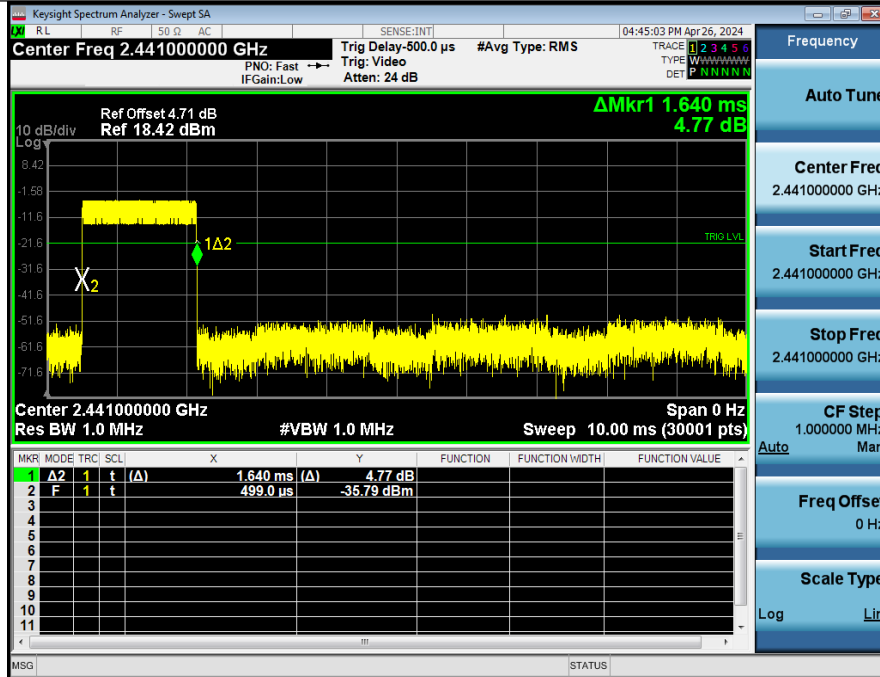
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_One_Burst_Time



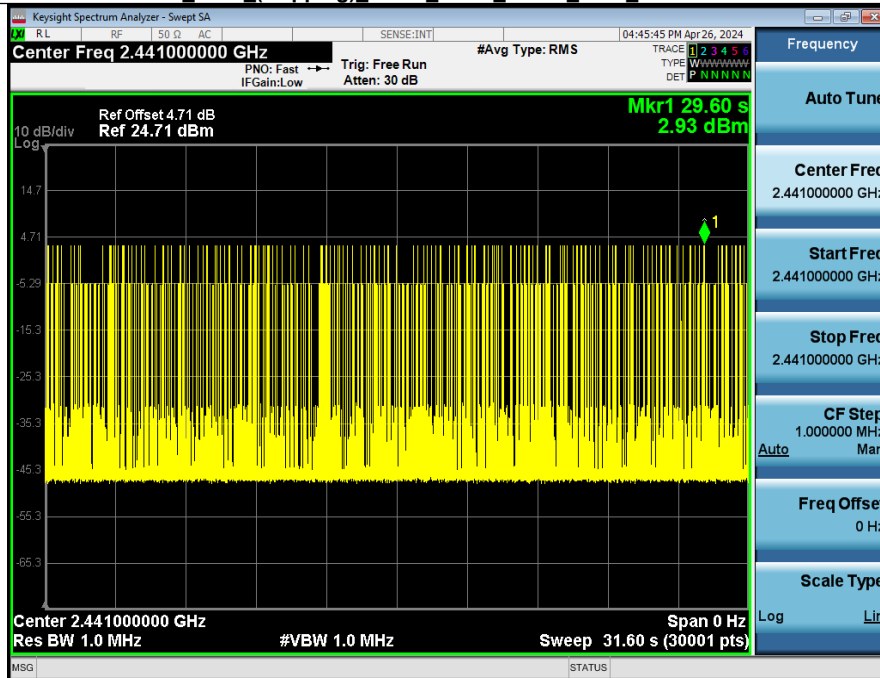
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_Accumulated



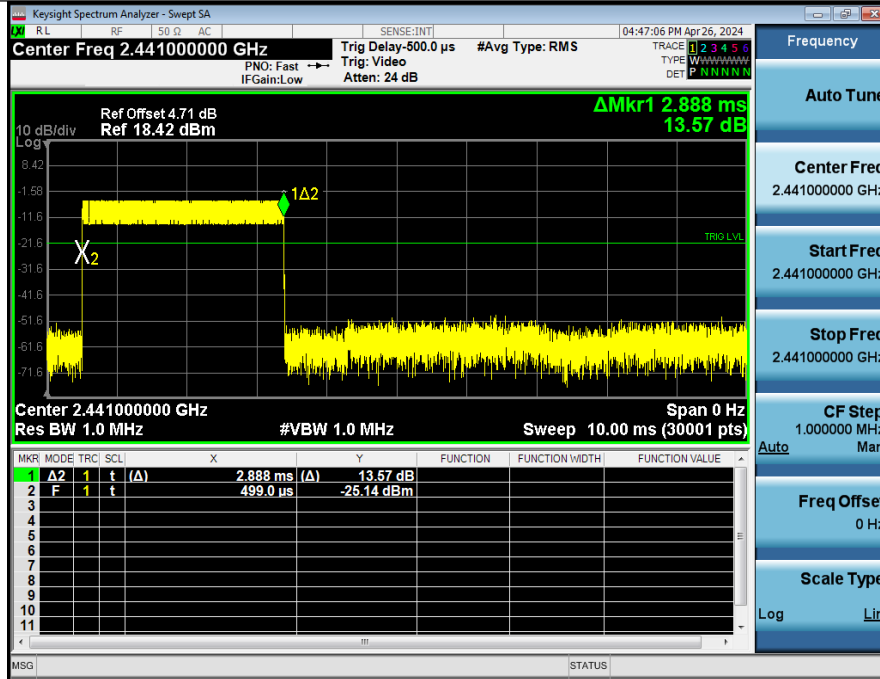
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_One Burst Time



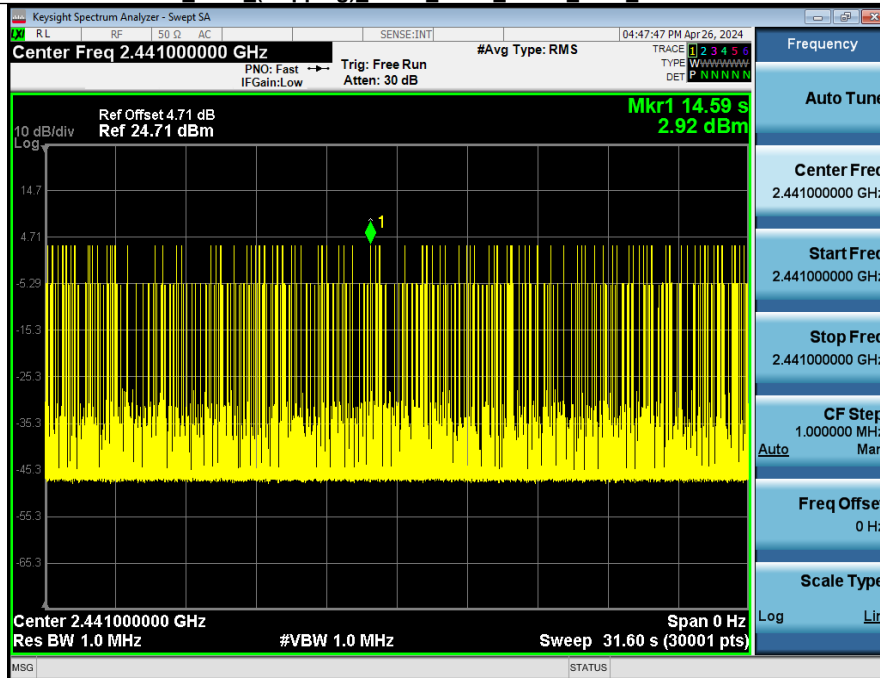
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_Accumulated



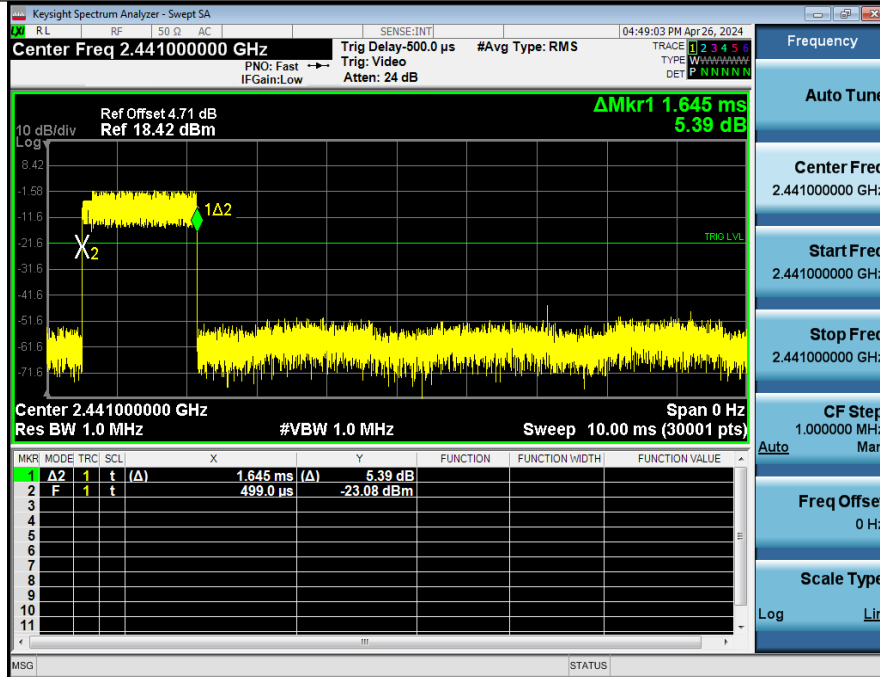
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_One_Burst_Time



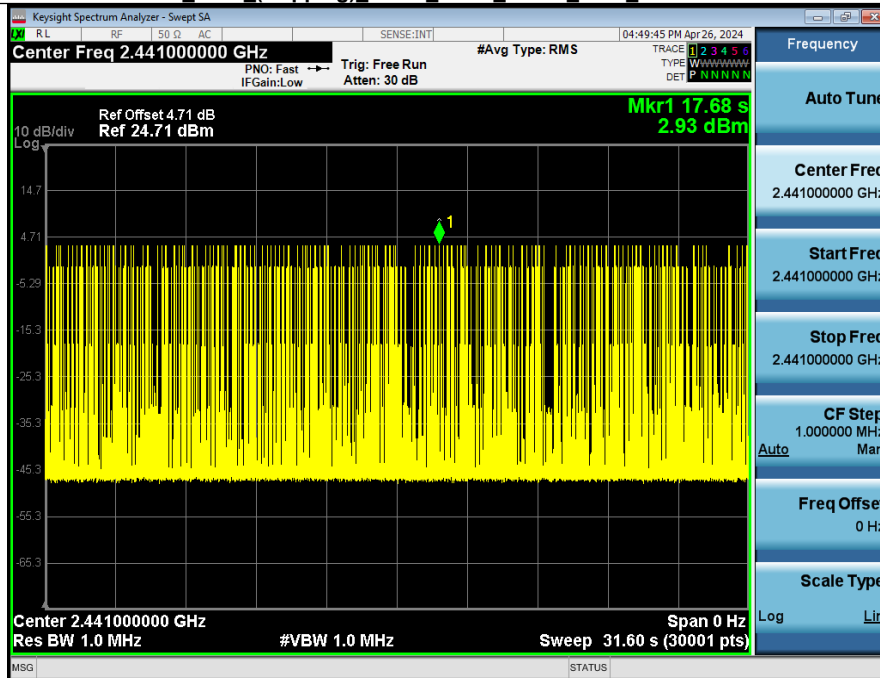
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_Accumulated



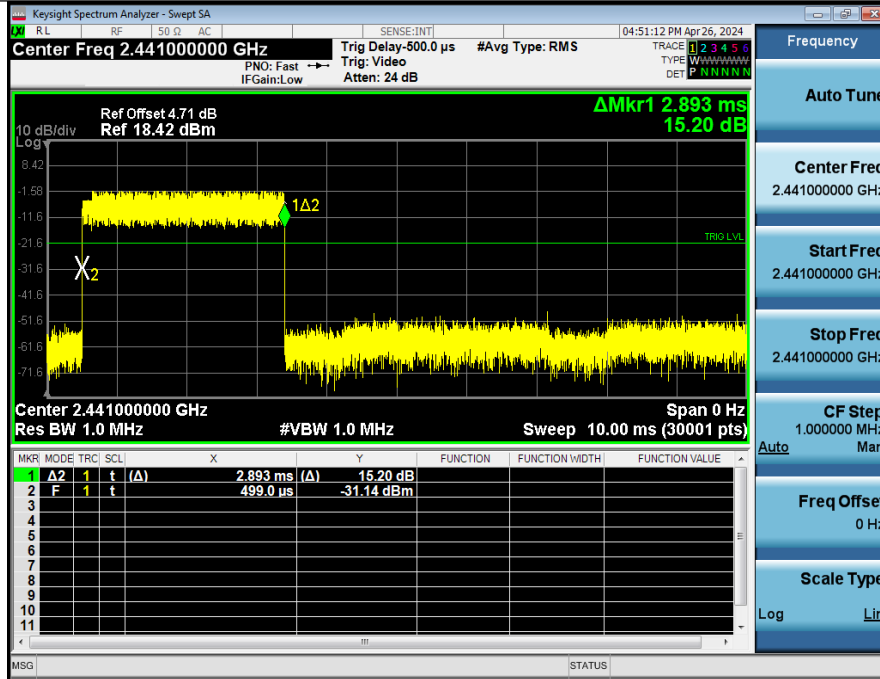
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_One_Burst_Time



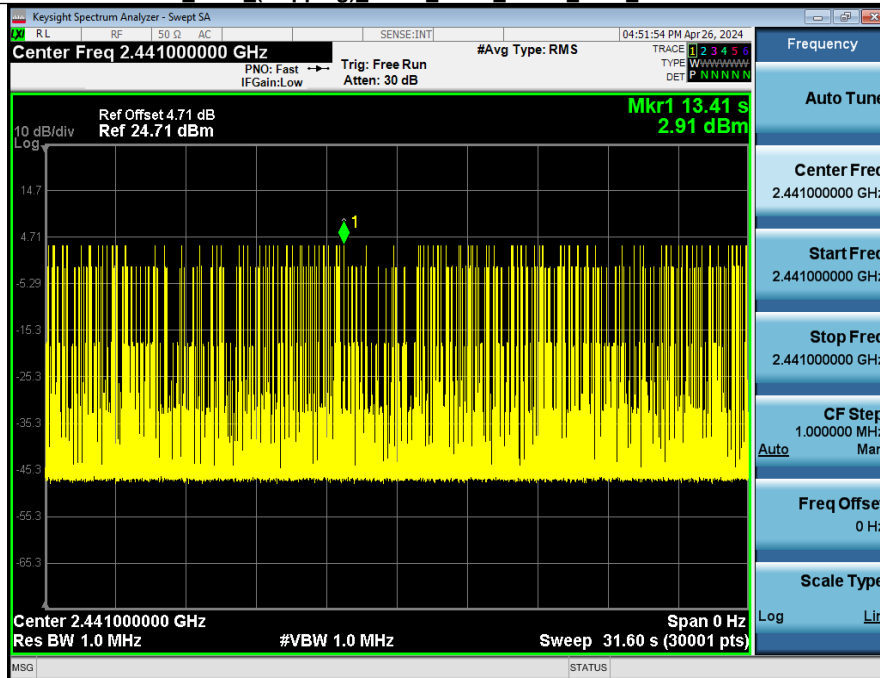
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_Accumulated



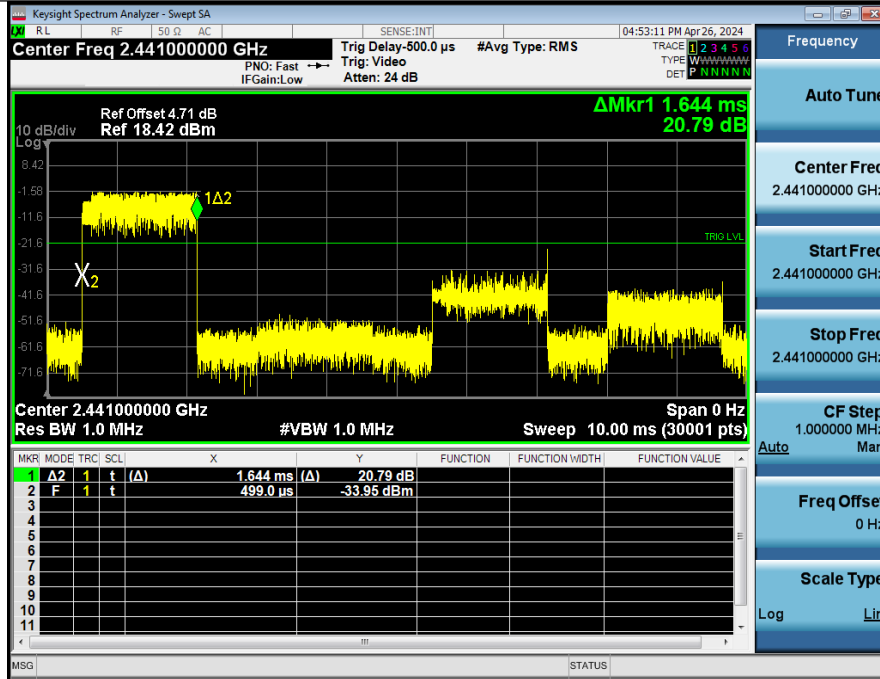
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One_Burst_Time



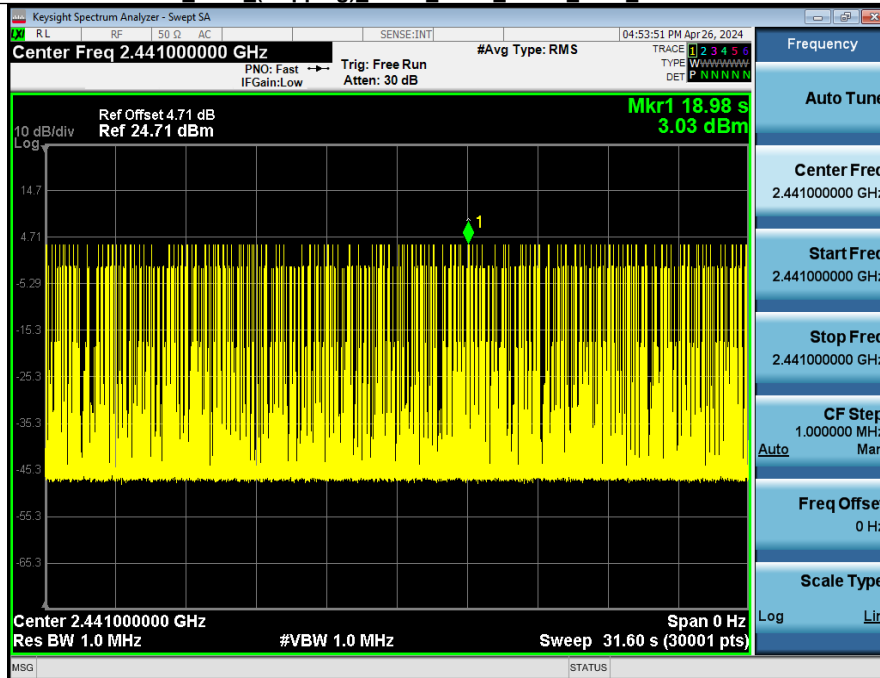
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



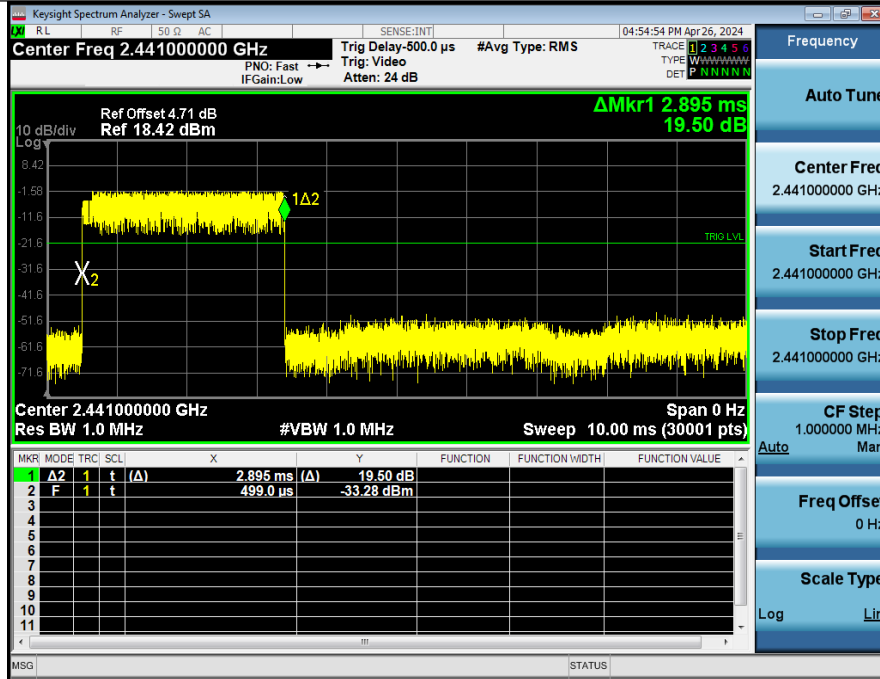
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_One_Burst_Time



Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_Accumulated



Dwell Time (Hopping) NVNT_ANT1_3-DH5_2441_One_Burst_Time



Dwell Time (Hopping) NVNT_ANT1_3-DH5_2441_Accumulated

