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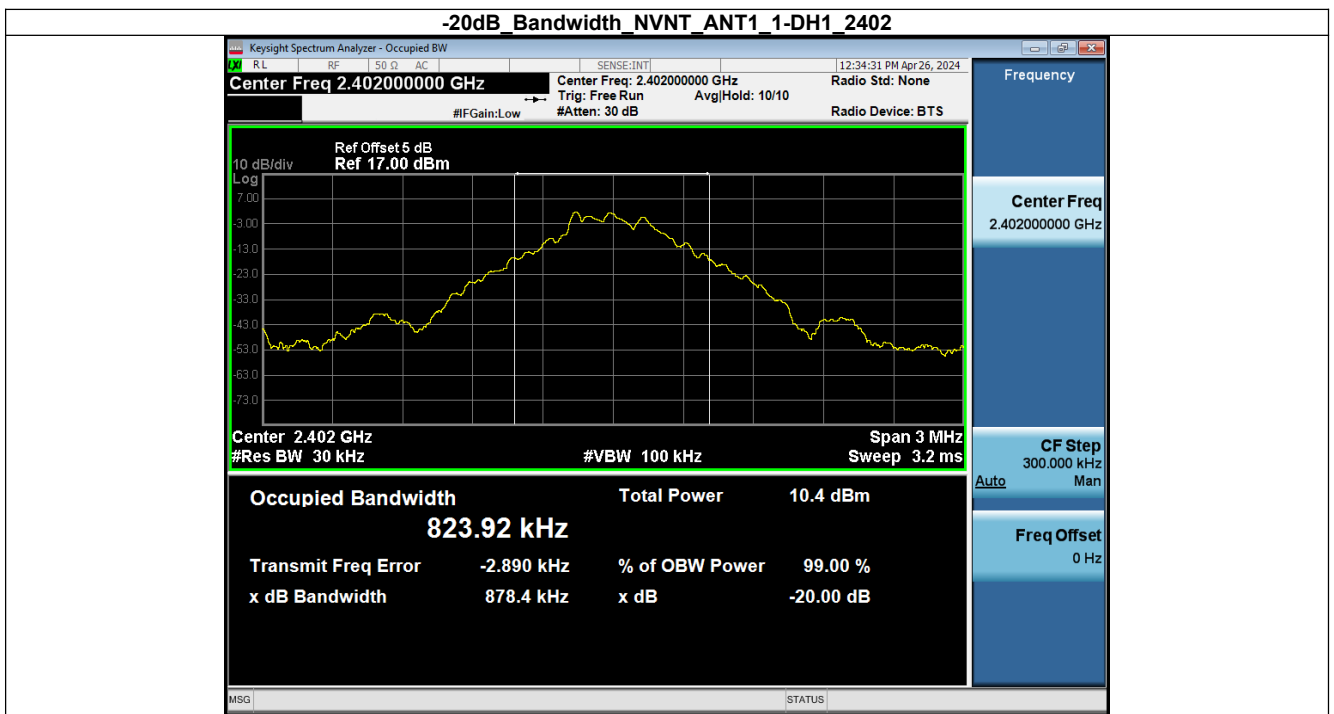
FCC ID:2BCAX-HY300PRO

IC:31576-HY300PRO

FCC_BT (Part15.247) Test Data

1. -20dB Bandwidth

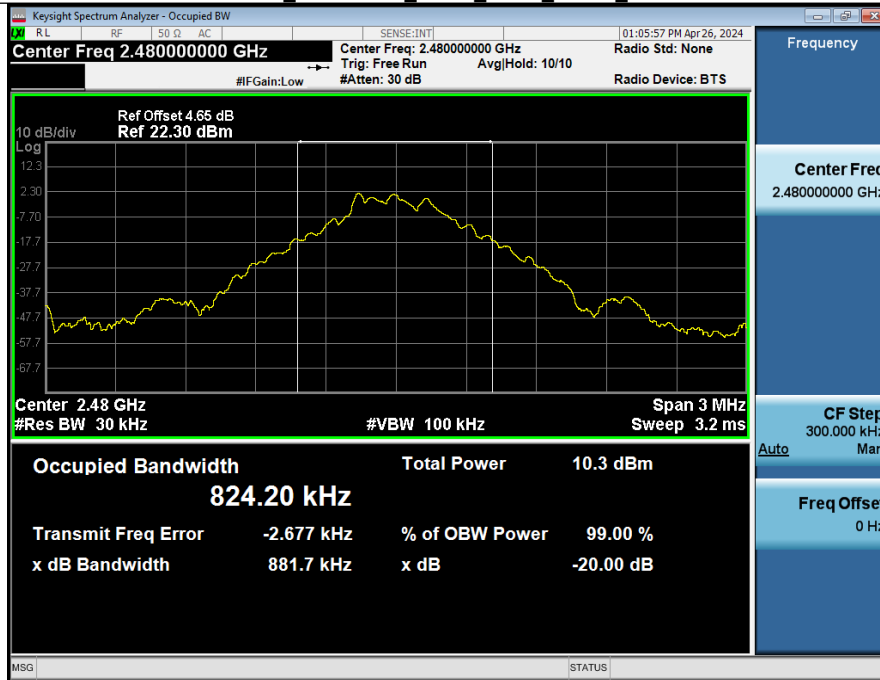
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402	0.878	No
NVNT	ANT1	1-DH1	2441.00	0.877	No
NVNT	ANT1	1-DH1	2480	0.882	No
NVNT	ANT1	2-DH1	2402	1.287	Yes
NVNT	ANT1	2-DH1	2441.00	1.286	Yes
NVNT	ANT1	2-DH1	2480	1.285	Yes
NVNT	ANT1	3-DH1	2402	1.244	Yes
NVNT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



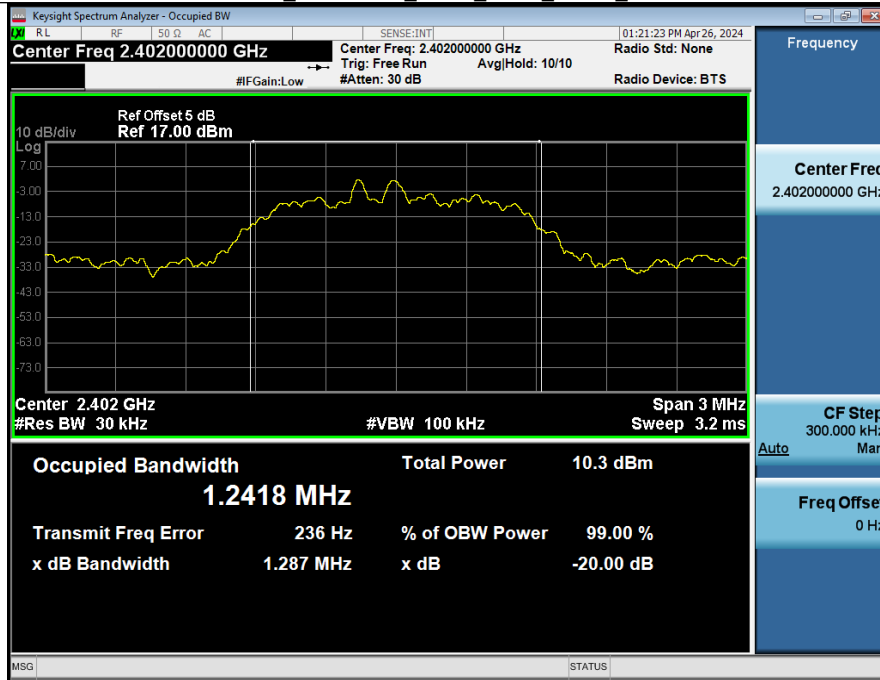
-20dB Bandwidth_NVNT_ANT1_1-DH1_2441



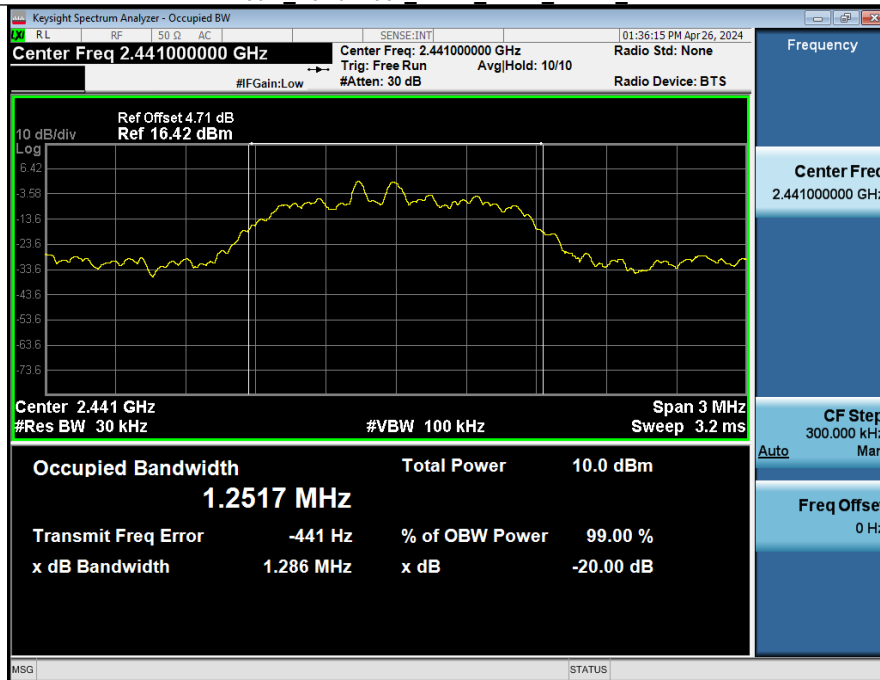
-20dB Bandwidth_NVNT_ANT1_1-DH1_2480



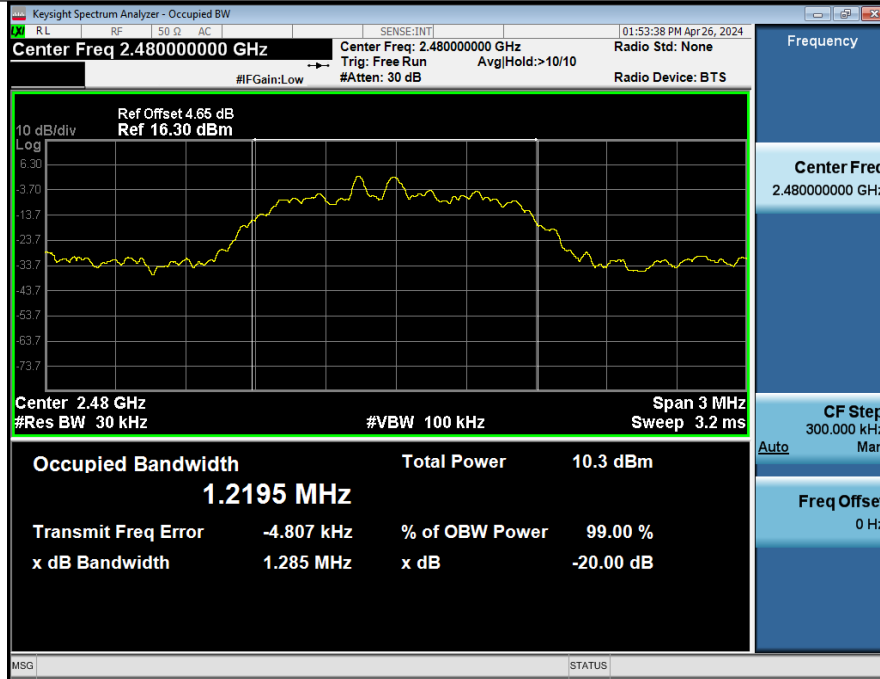
-20dB Bandwidth_NVNT_ANT1 2-DH1_2402



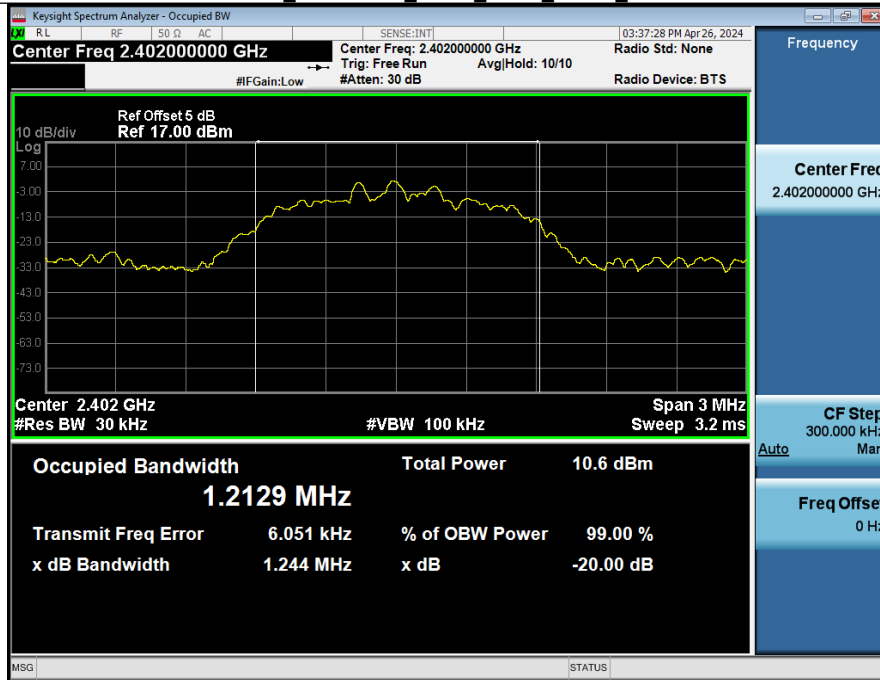
-20dB Bandwidth_NVNT_ANT1 2-DH1_2441



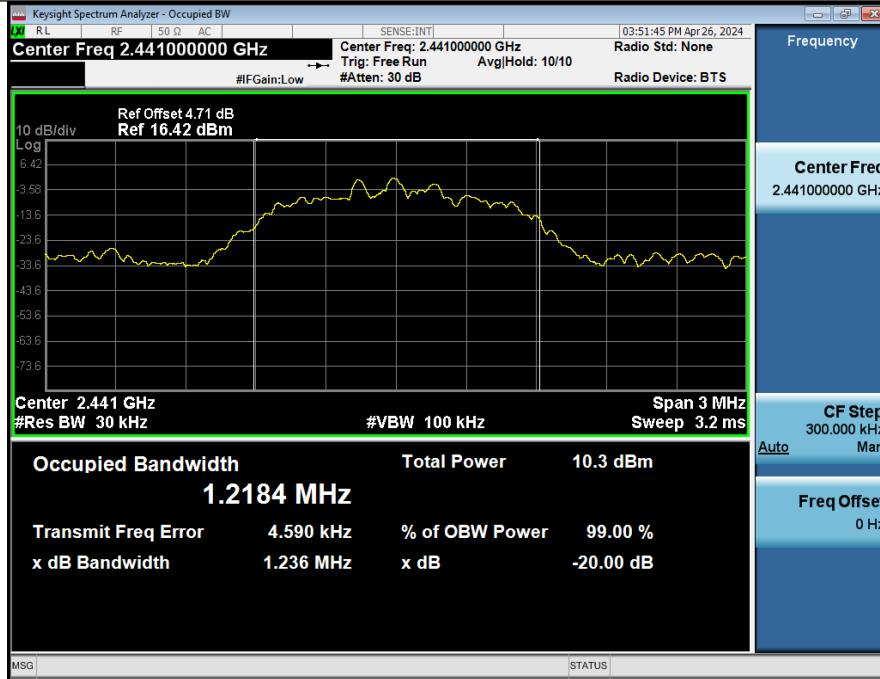
-20dB Bandwidth_NVNT_ANT1_2-DH1_2480



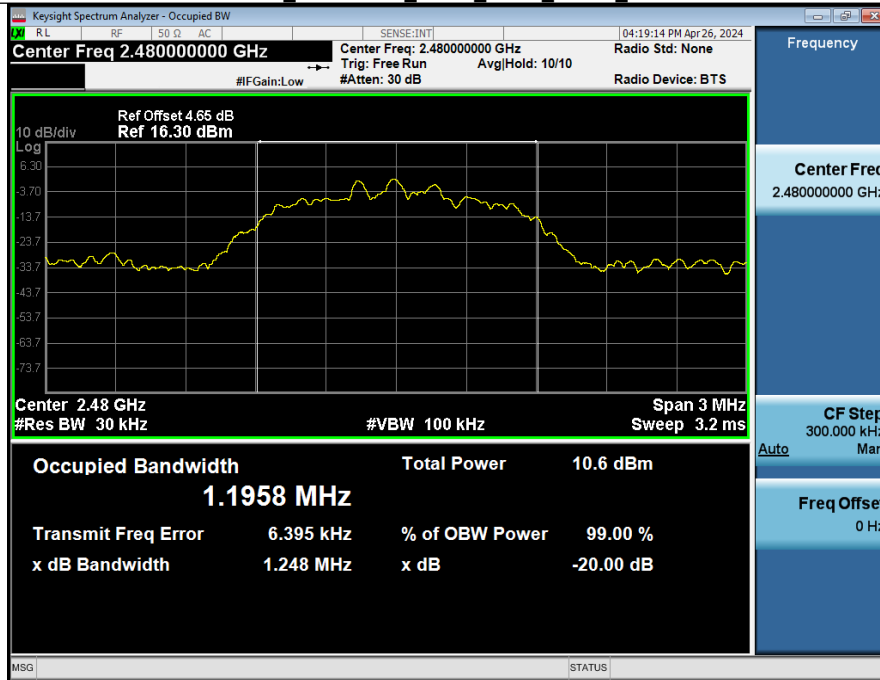
-20dB Bandwidth_NVNT_ANT1_3-DH1_2402



-20dB Bandwidth_NVNT_ANT1_3-DH1_2441

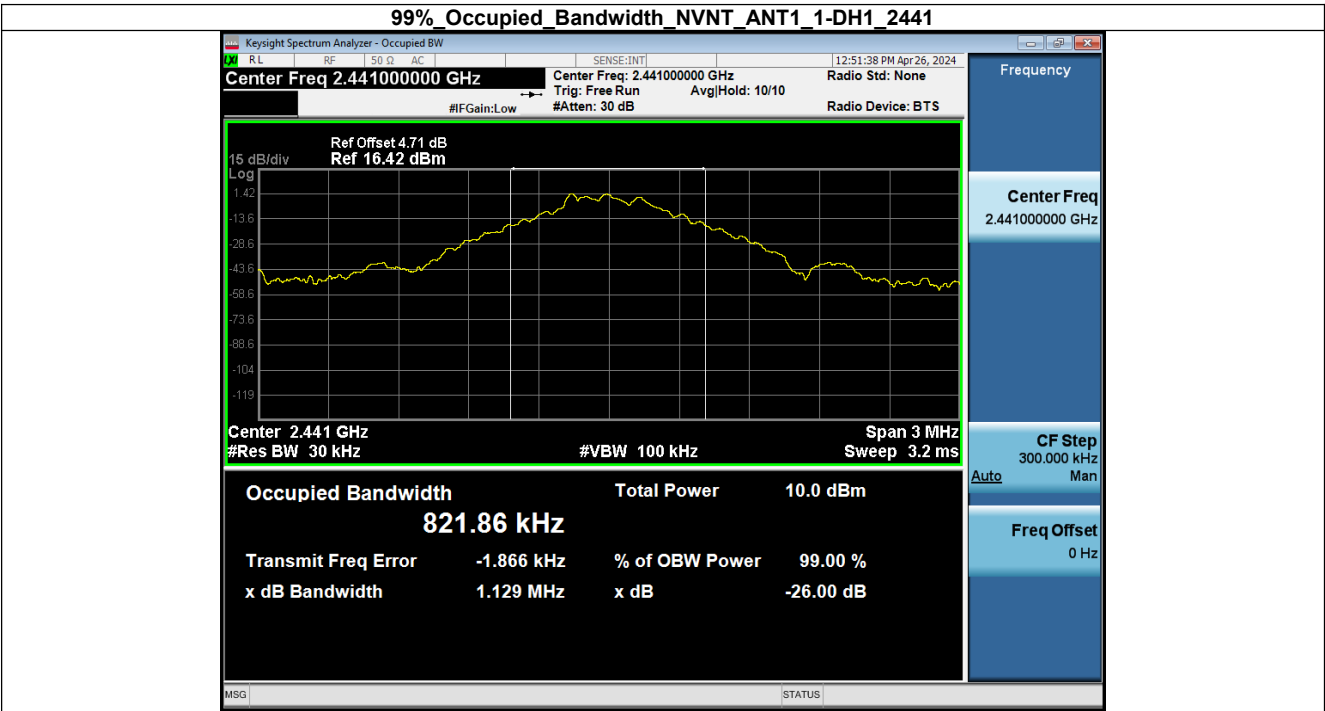
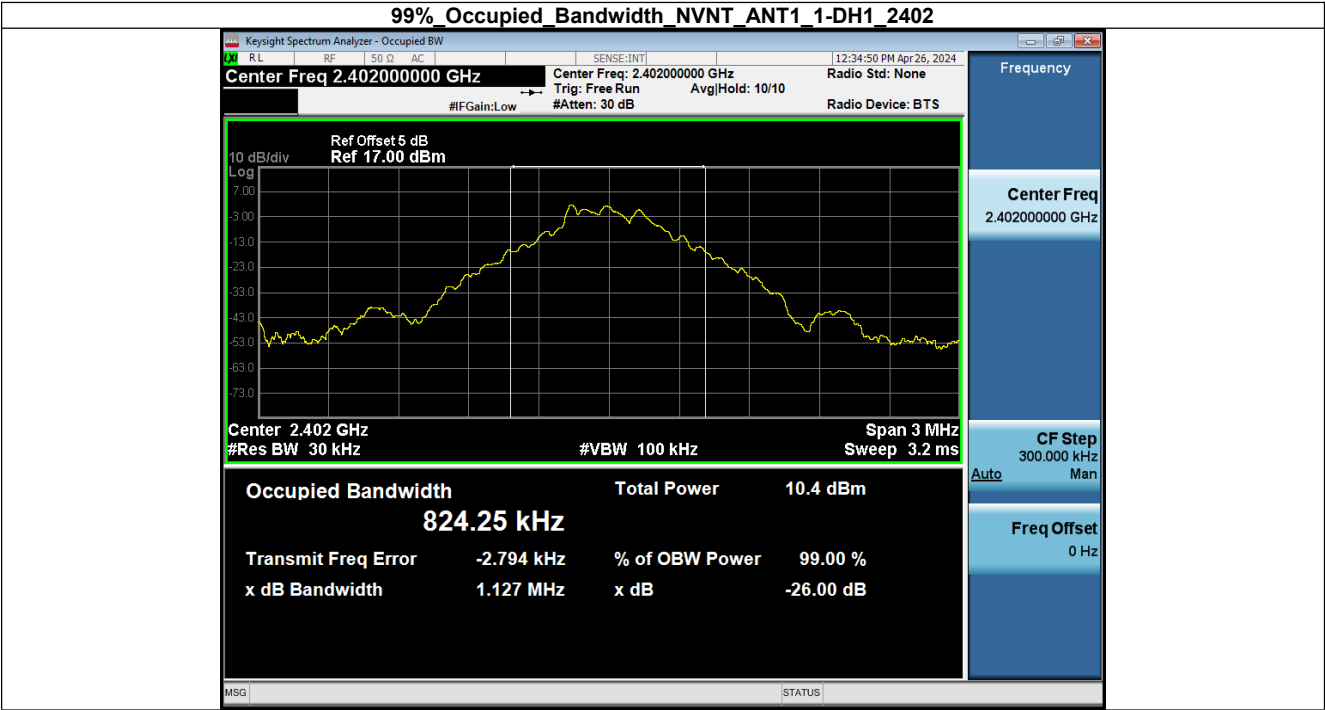


-20dB Bandwidth_NVNT_ANT1_3-DH1_2480

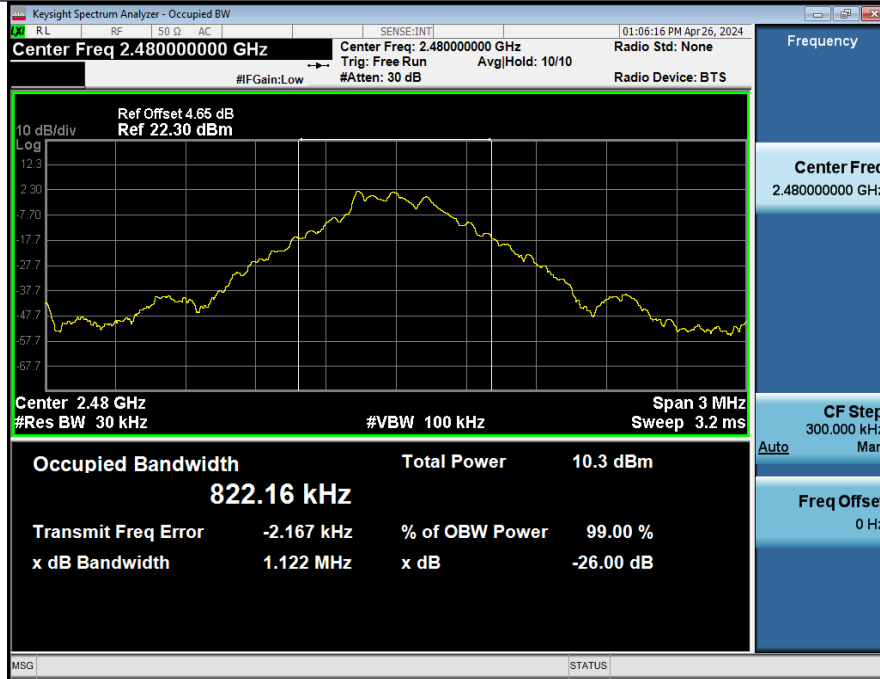


2. 99% Occupied Bandwidth

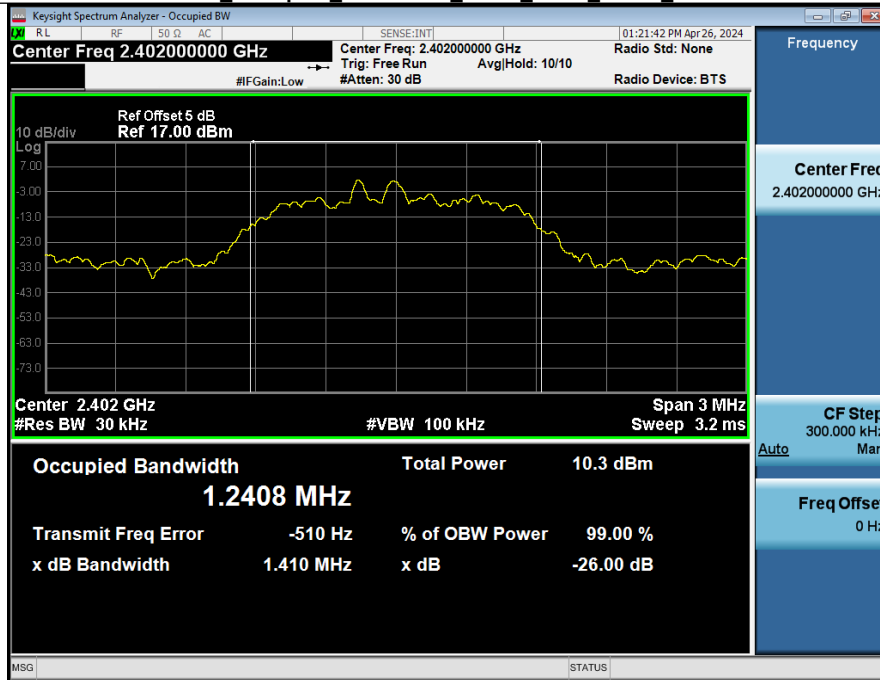
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402	0.824
NVNT	ANT1	1-DH1	2441.00	0.822
NVNT	ANT1	1-DH1	2480	0.822
NVNT	ANT1	2-DH1	2402	1.241
NVNT	ANT1	2-DH1	2441.00	1.252
NVNT	ANT1	2-DH1	2480	1.222
NVNT	ANT1	3-DH1	2402	1.212
NVNT	ANT1	3-DH1	2441.00	1.220
NVNT	ANT1	3-DH1	2480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



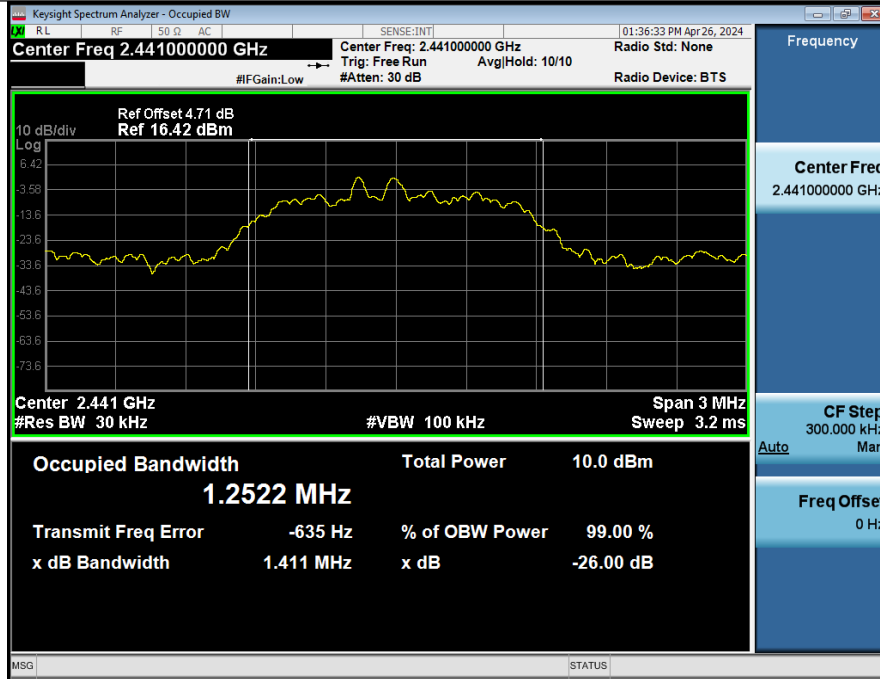
99% Occupied Bandwidth_NVNT_ANT1_1-DH1_2480



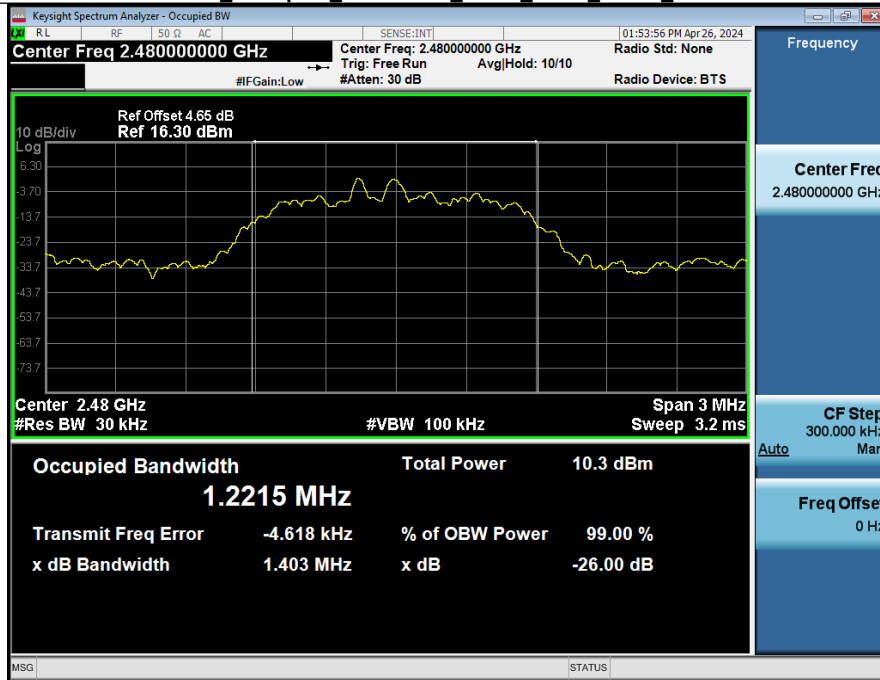
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2402



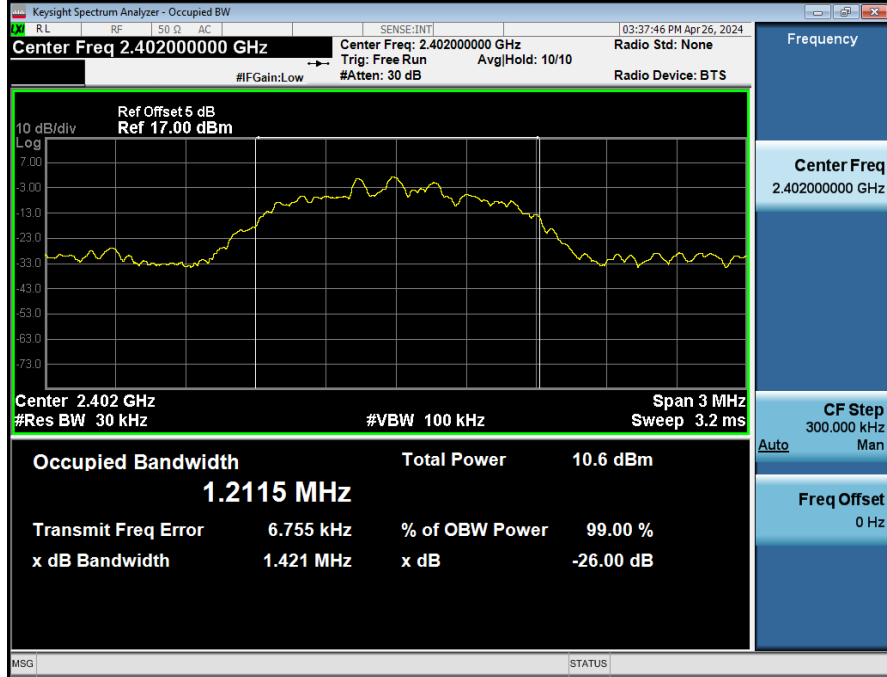
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2441



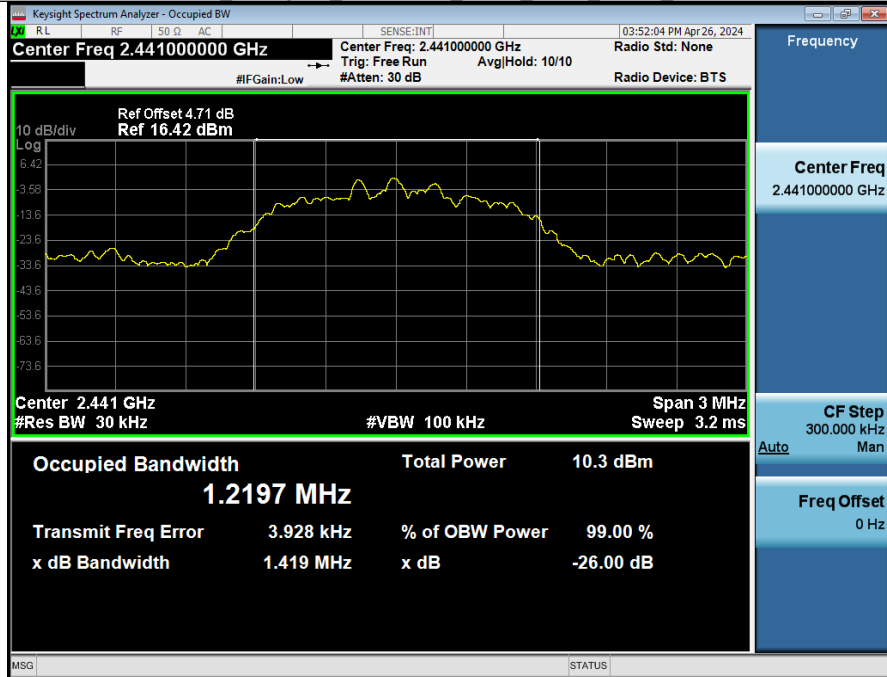
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2480



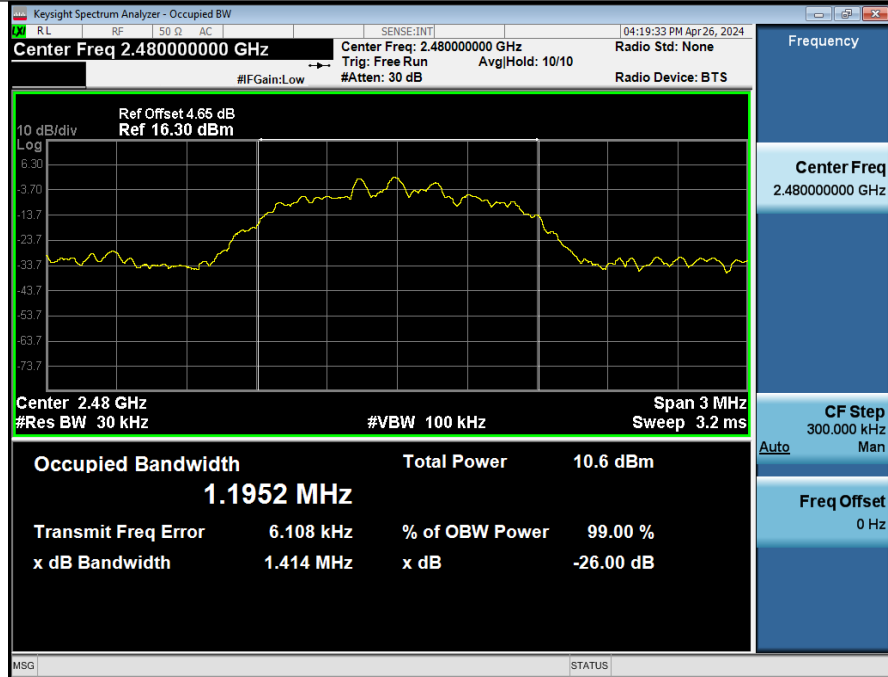
99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2402



99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2441

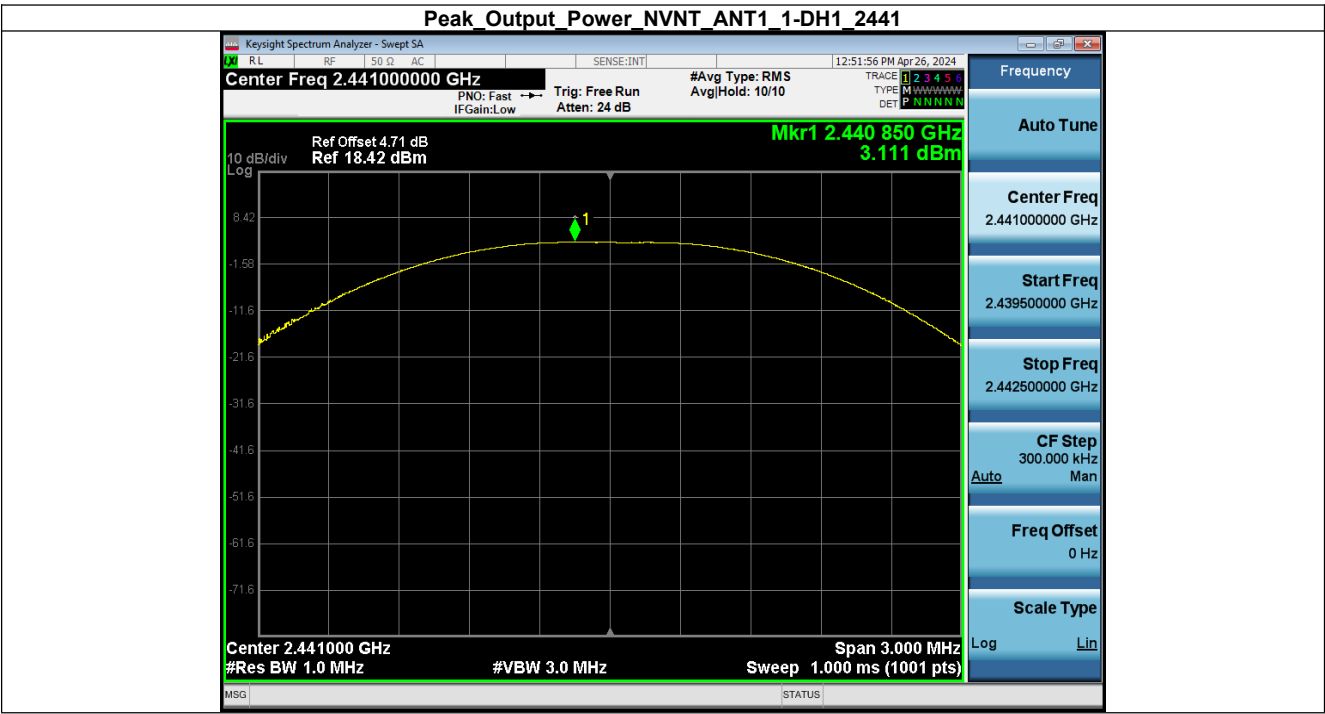
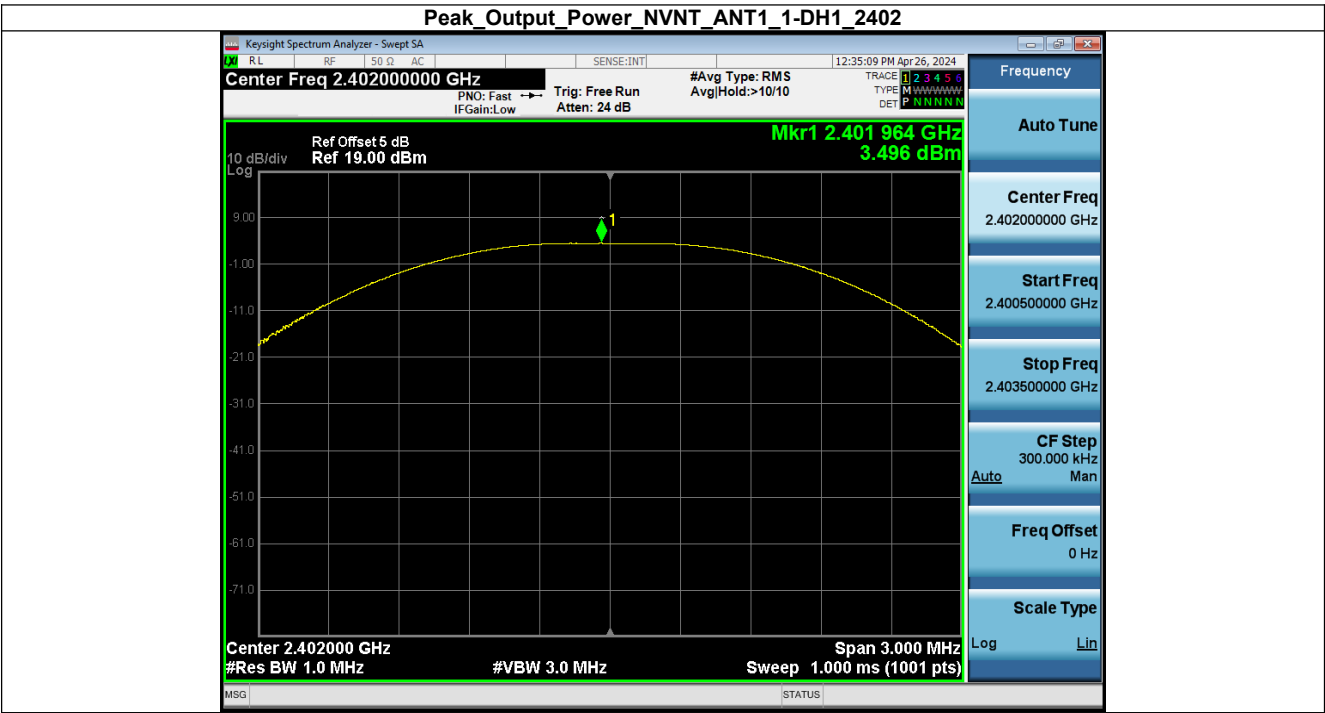


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480

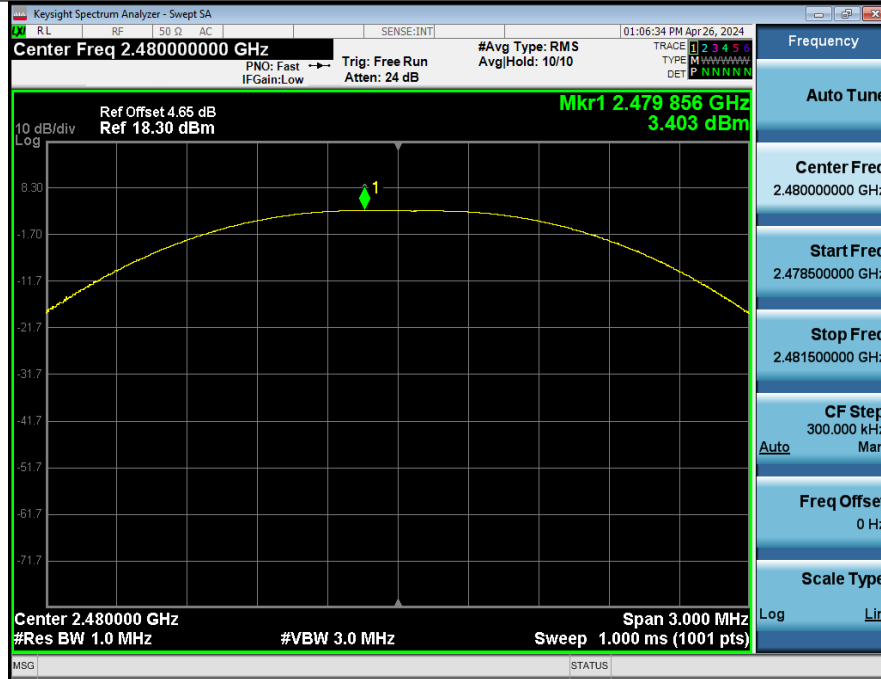


3. Peak Output Power

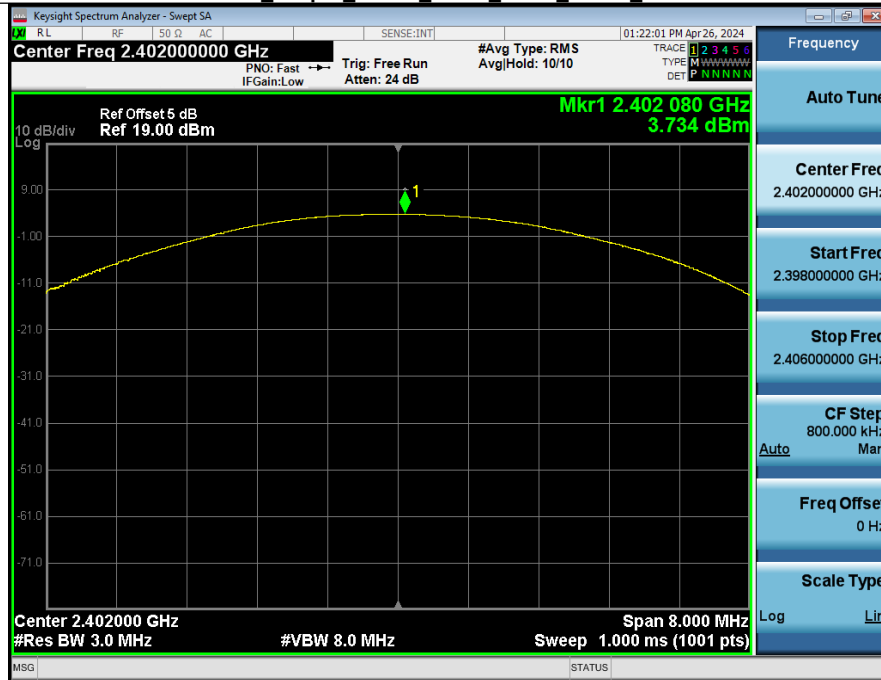
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402	3.50	2.24	1000	Pass
NVNT	ANT1	1-DH1	2441.00	3.11	2.05	1000	Pass
NVNT	ANT1	1-DH1	2480	3.40	2.19	1000	Pass
NVNT	ANT1	2-DH1	2402	3.73	2.36	125	Pass
NVNT	ANT1	2-DH1	2441.00	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



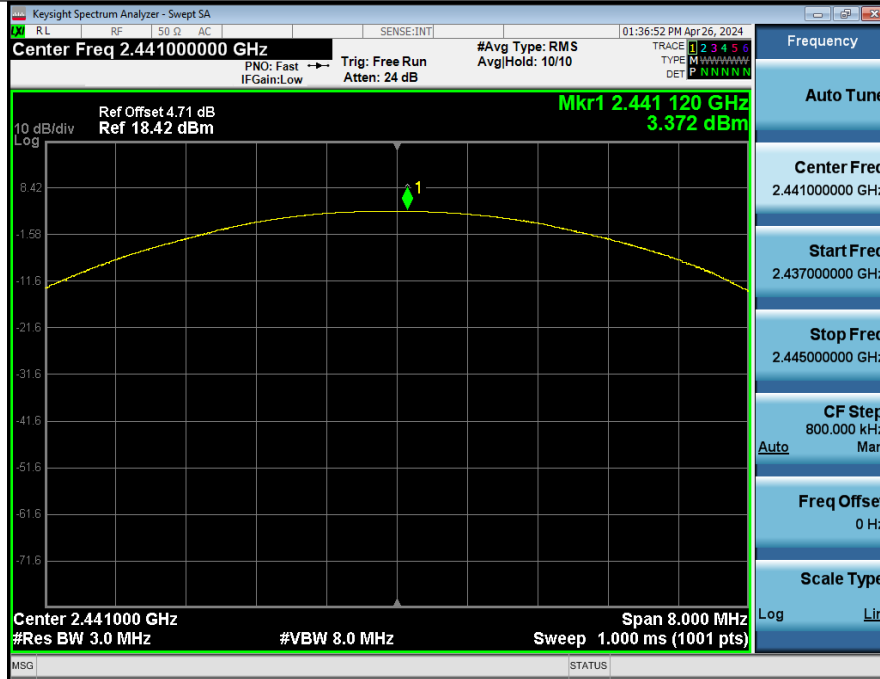
Peak_Output_Power_NVNT_ANT1_1-DH1_2480



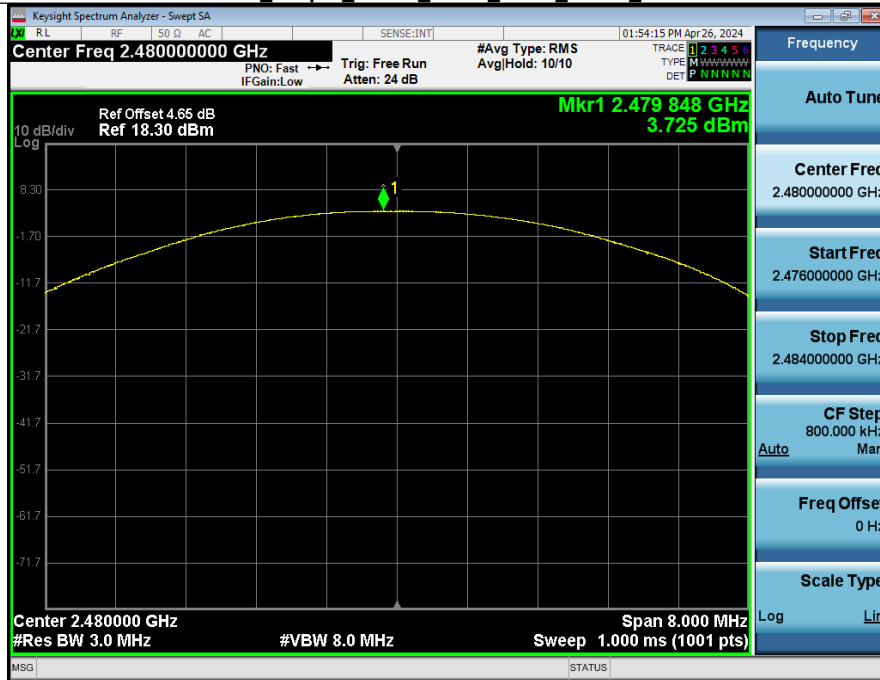
Peak_Output_Power_NVNT_ANT1_2-DH1_2402

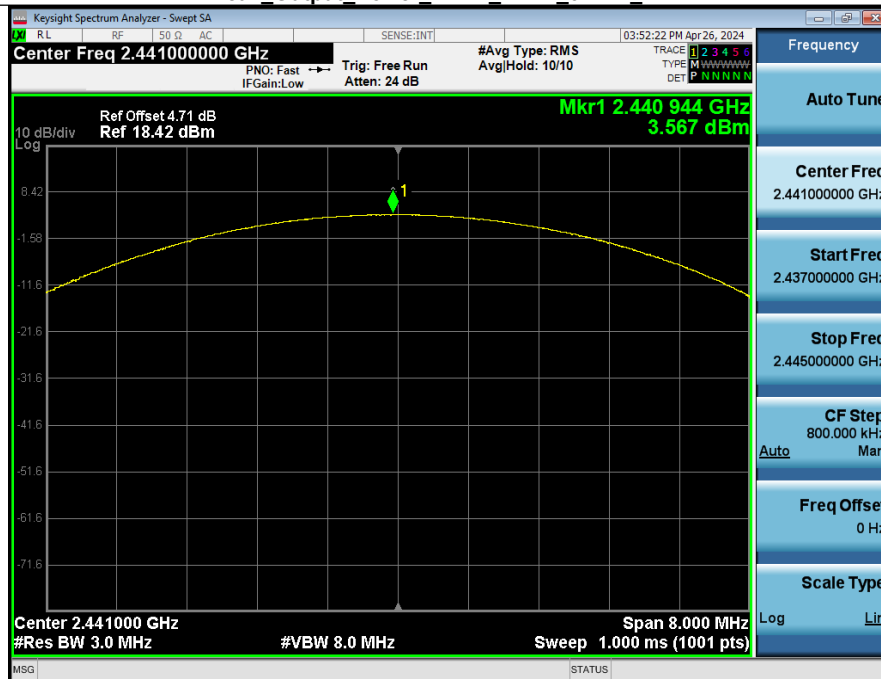
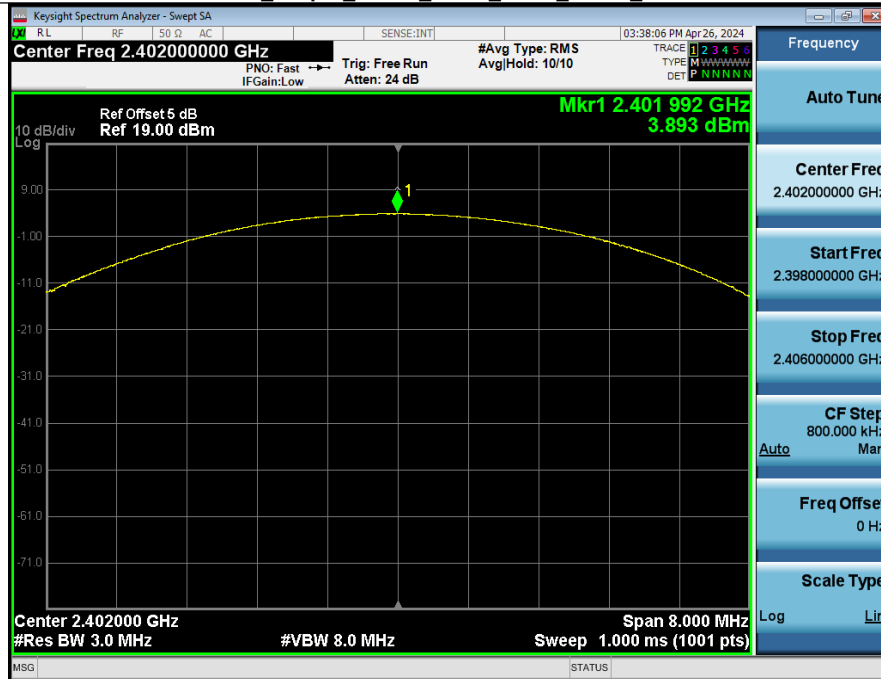


Peak_Output_Power_NVNT_ANT1_2-DH1_2441

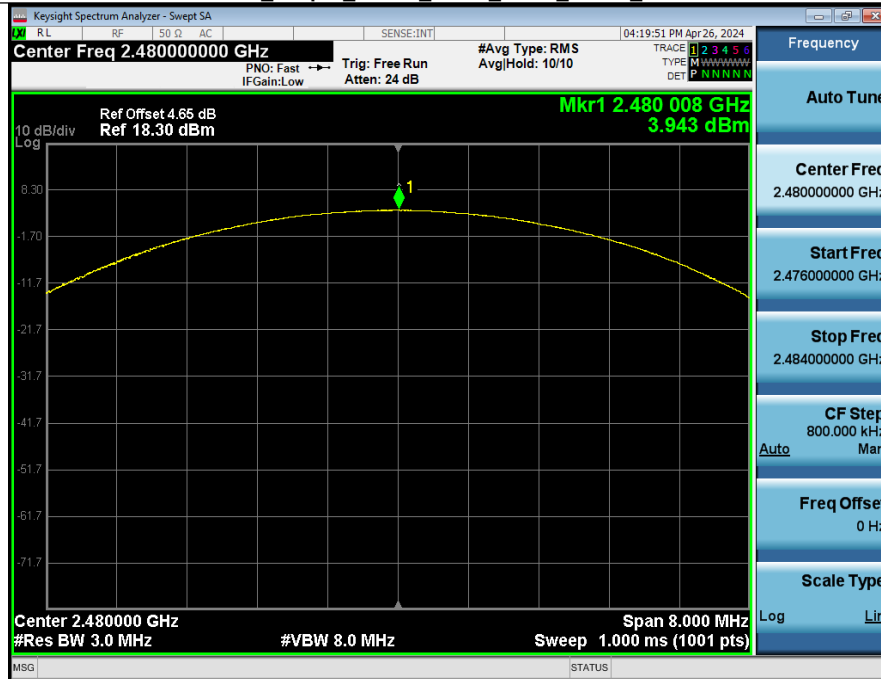


Peak_Output_Power_NVNT_ANT1_2-DH1_2480





Peak_Output_Power_NVNT_ANT1_3-DH1_2480



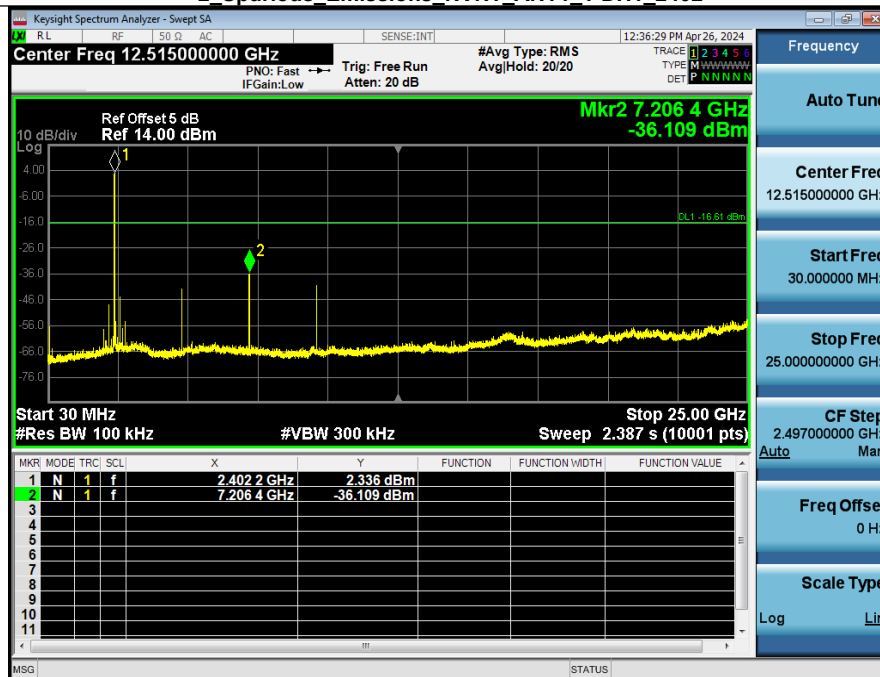
4. Spurious Emissions

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



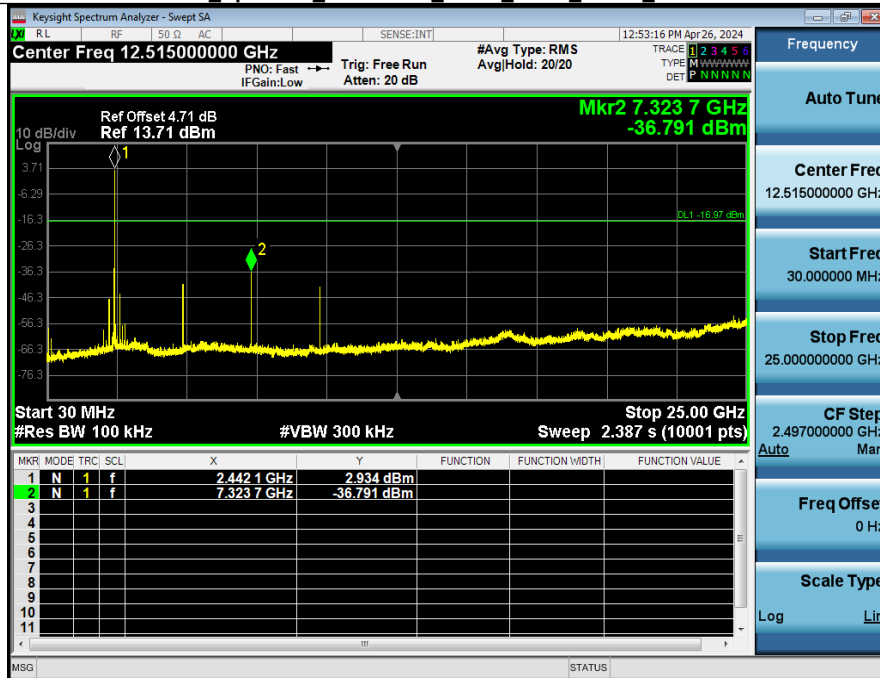
2 Spurious Emissions NVNT ANT1 1-DH1 2402



1_Reference_Level_NVNT_ANT1_1-DH1_2441



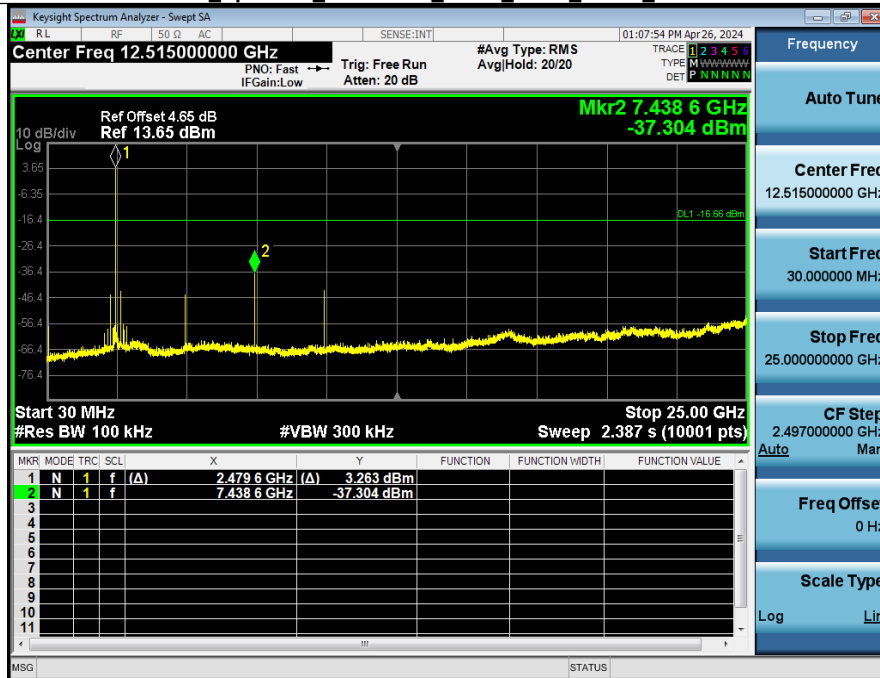
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



1_Reference_Level_NVNT_ANT1_1-DH1_2480



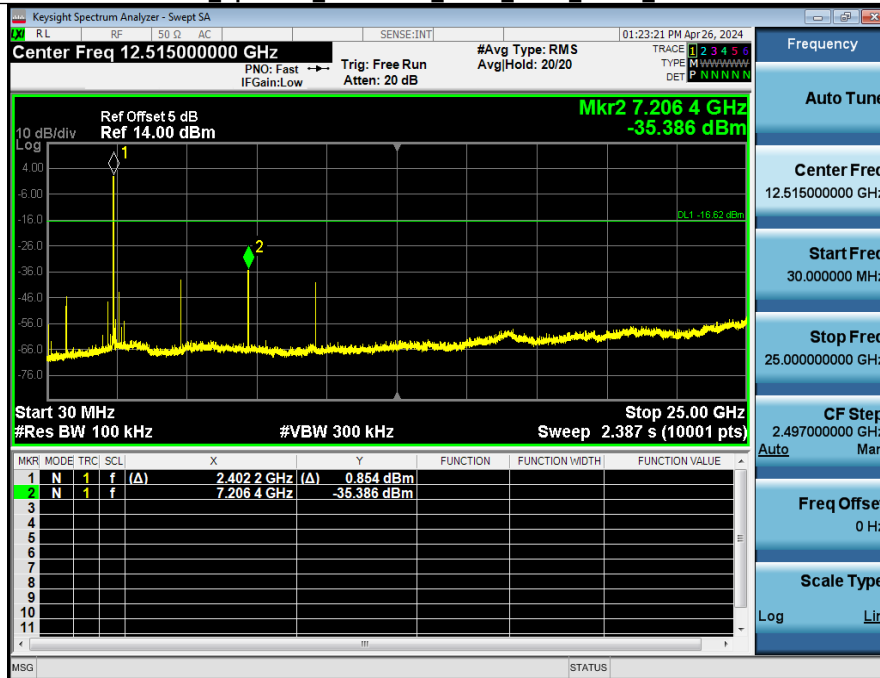
2_Spurious Emissions_NVNT_ANT1_1-DH1_2480



1_Reference_Level_NVNT_ANT1_2-DH1_2402



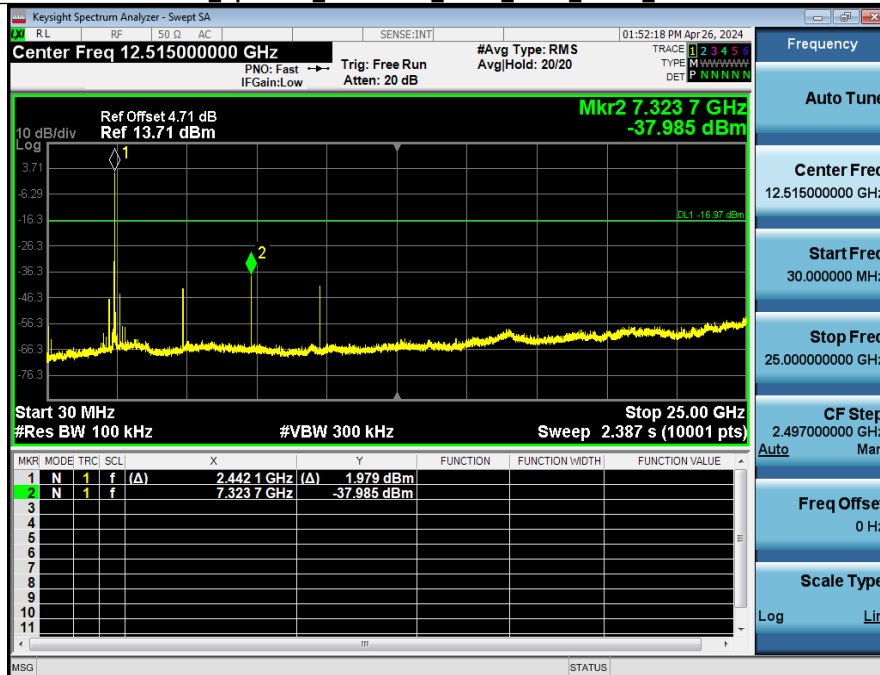
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402



1 Reference Level NVNT_ANT1_2-DH1_2441



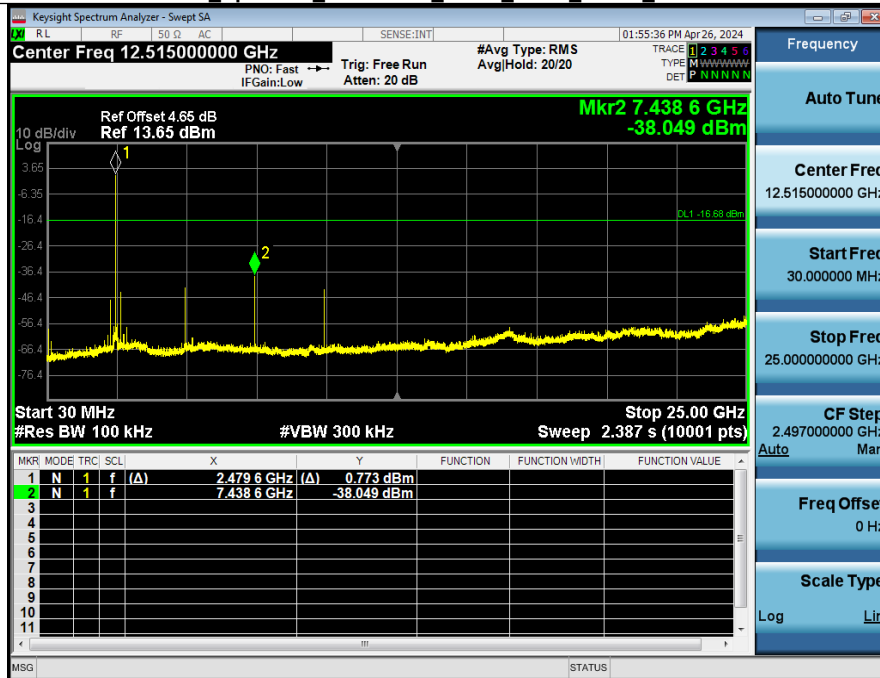
2 Spurious Emissions NVNT_ANT1_2-DH1_2441



1 Reference Level NVNT_ANT1_2-DH1_2480



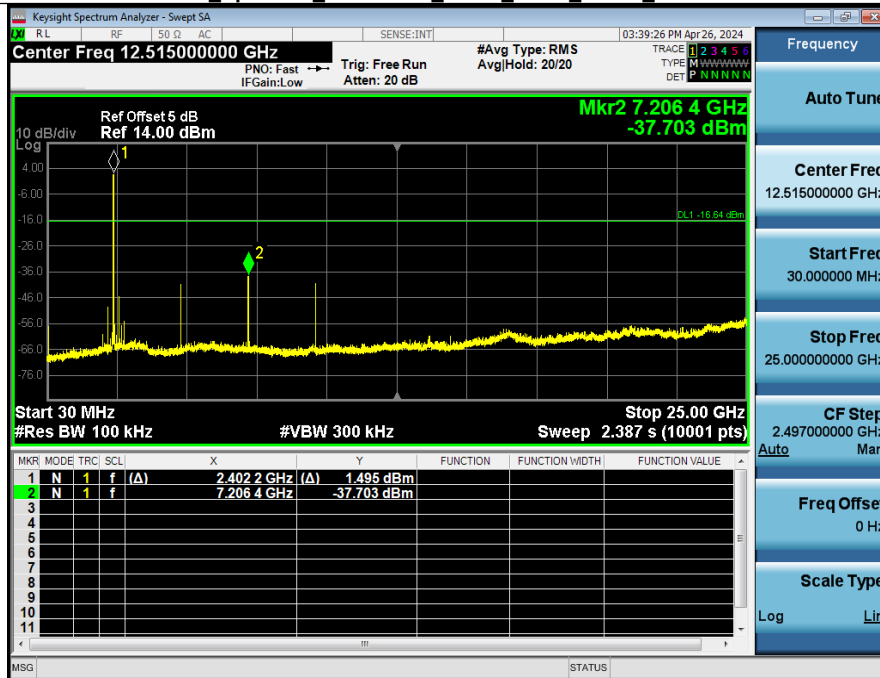
2 Spurious Emissions NVNT_ANT1_2-DH1_2480



1 Reference Level NVNT_ANT1_3-DH1_2402



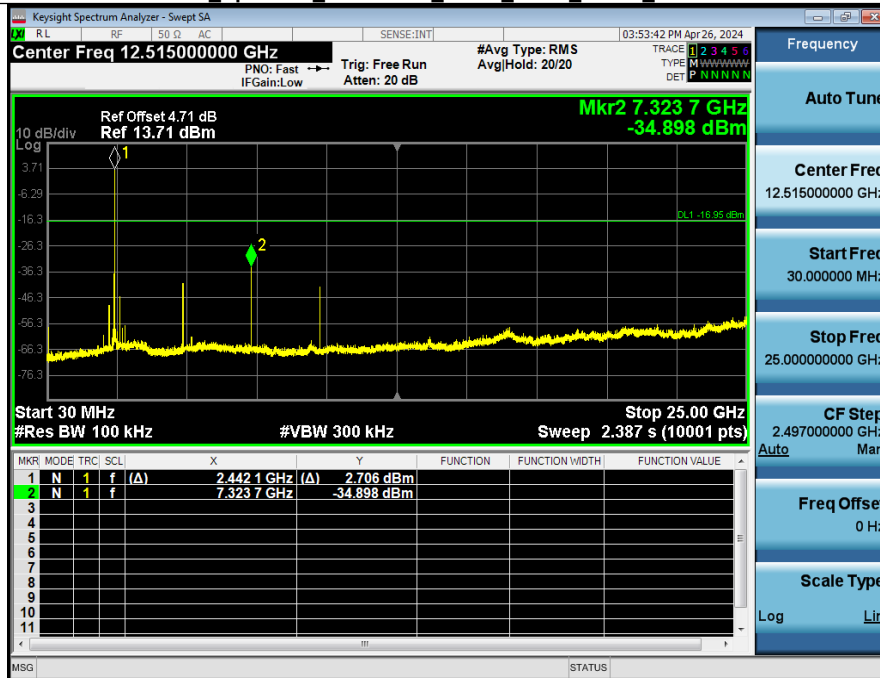
2 Spurious Emissions NVNT_ANT1_3-DH1_2402



1 Reference Level NVNT_ANT1_3-DH1_2441



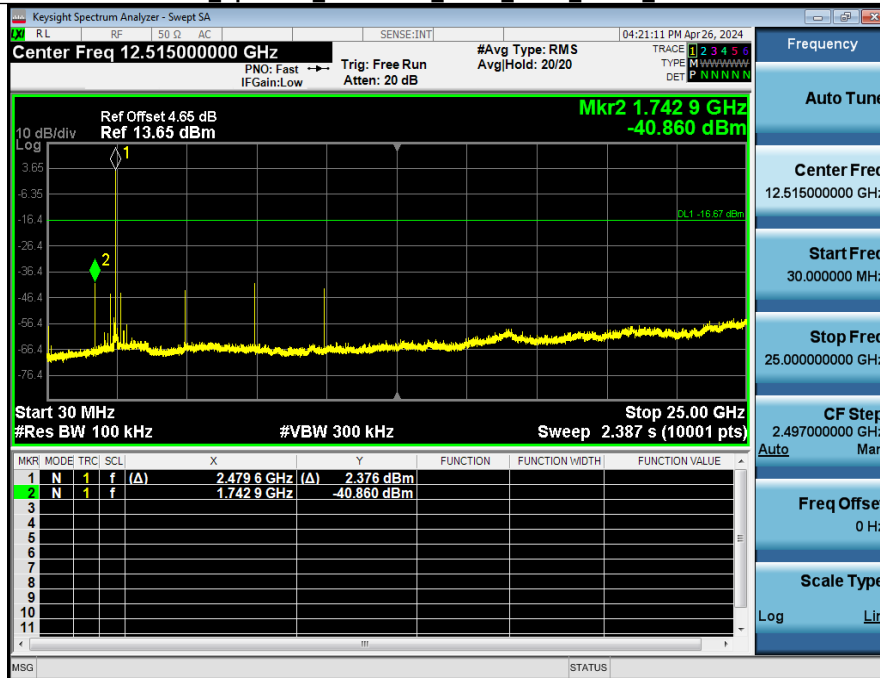
2 Spurious Emissions NVNT_ANT1_3-DH1_2441



1 Reference Level NVNT_ANT1_3-DH1_2480

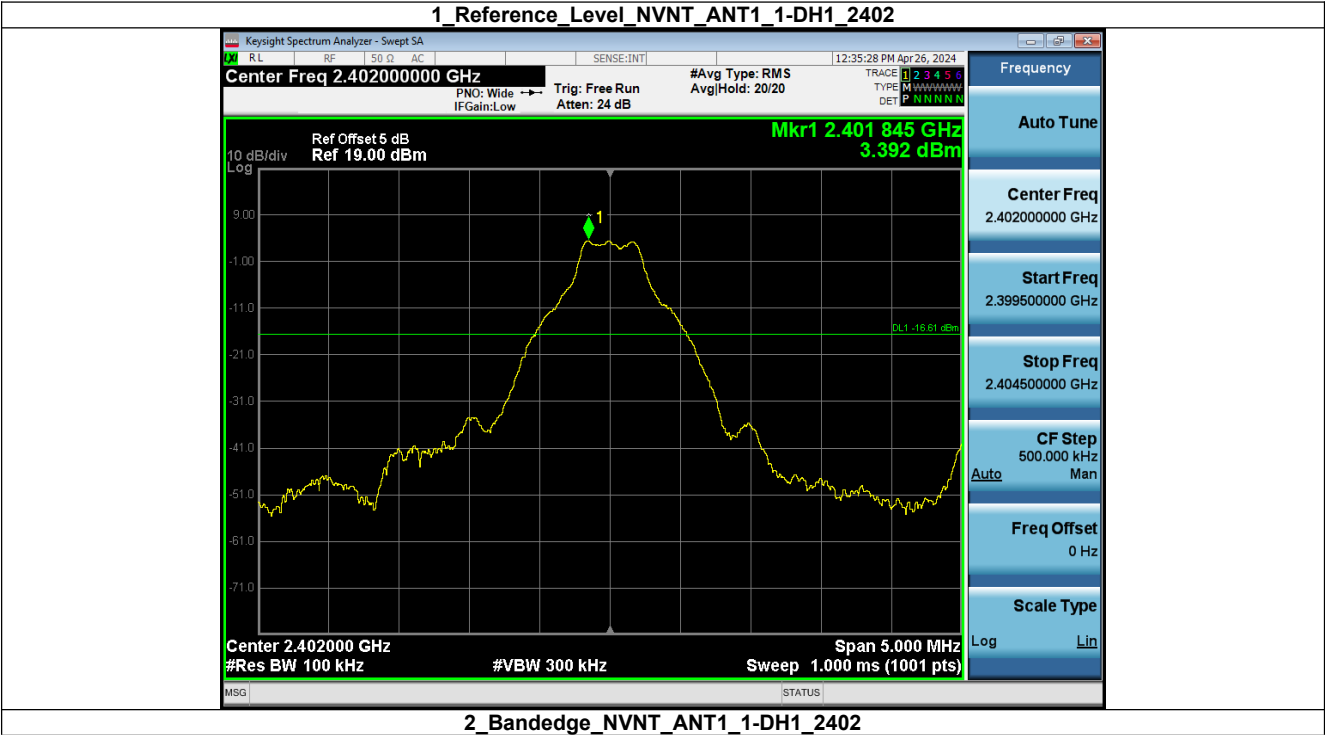


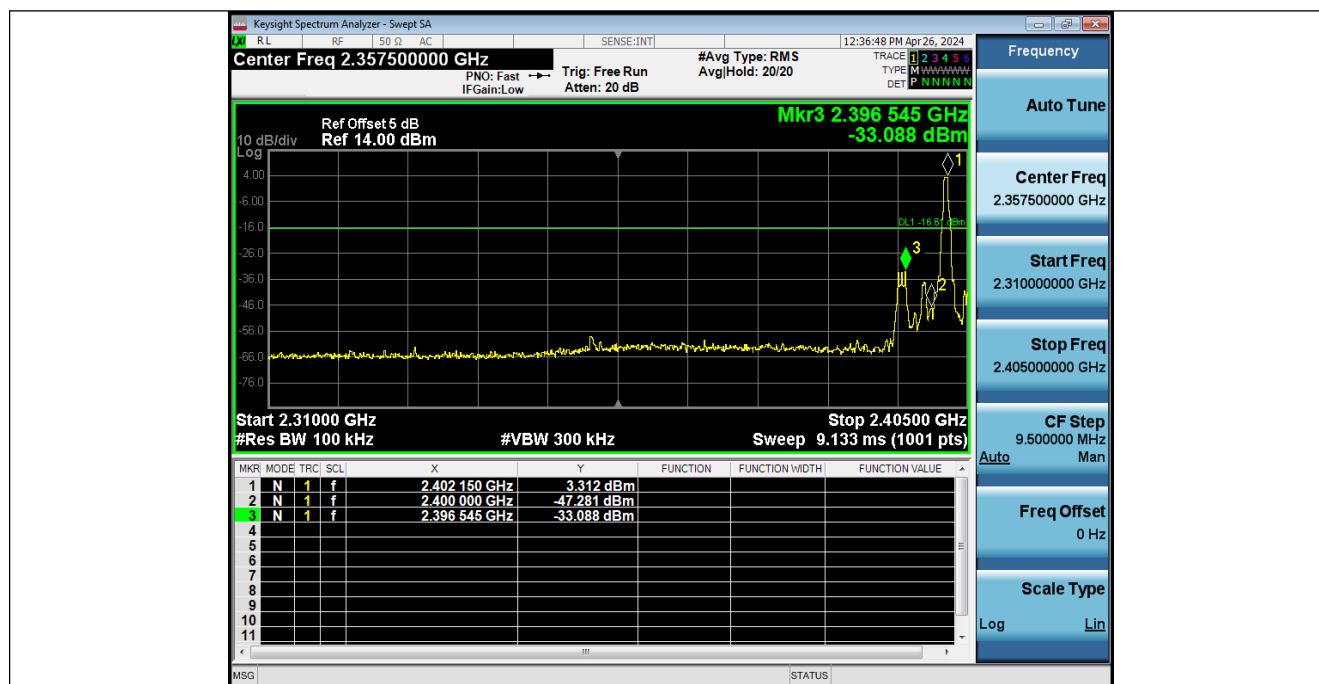
2 Spurious Emissions NVNT_ANT1_3-DH1_2480



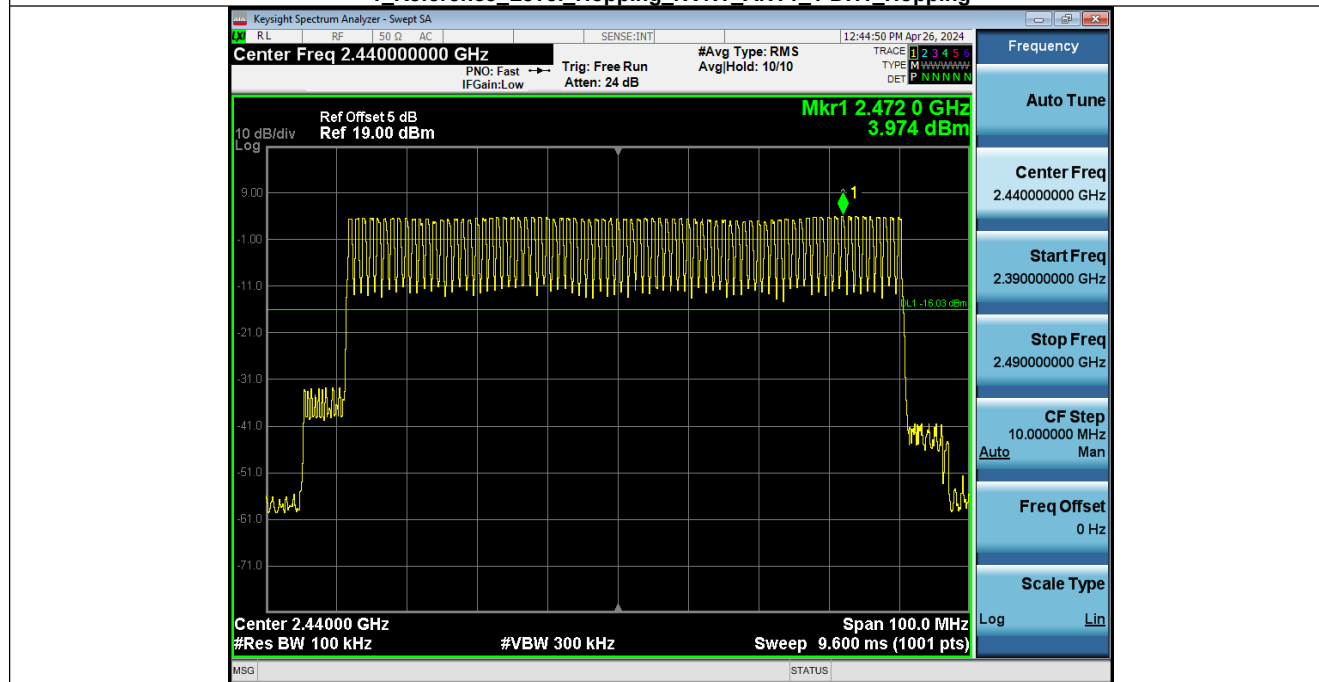
5. Bandedge

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

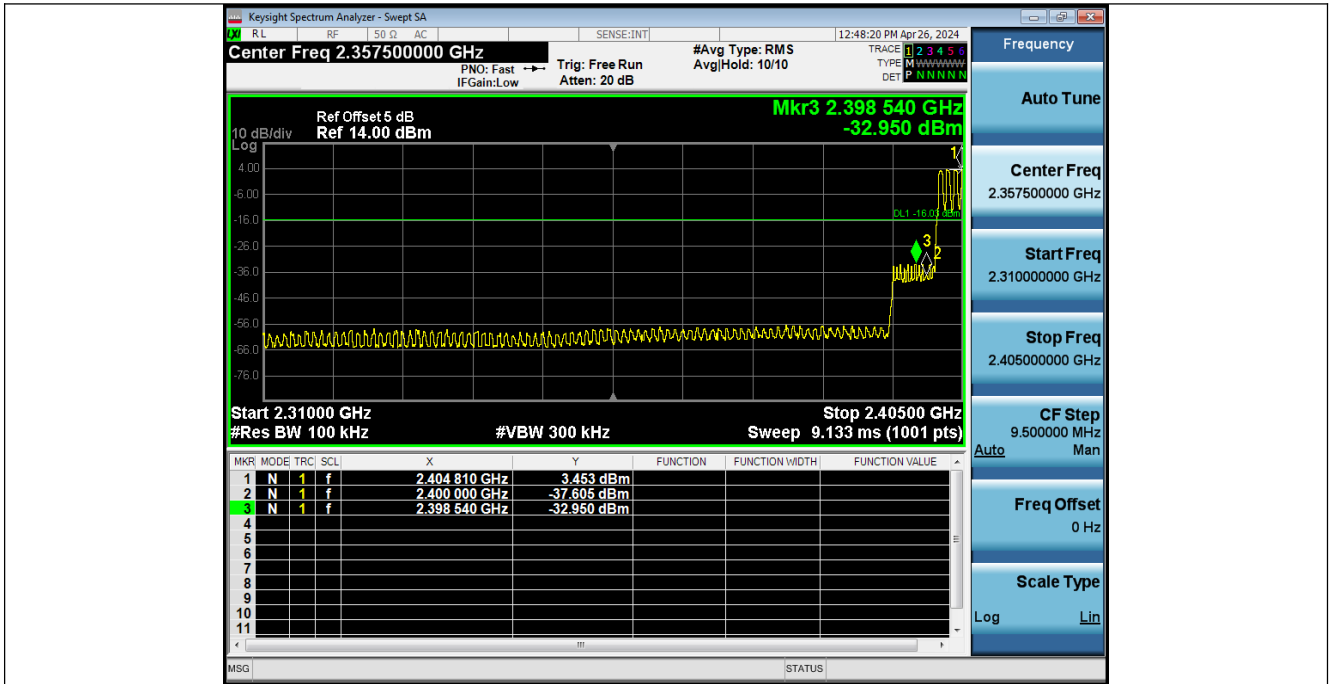




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



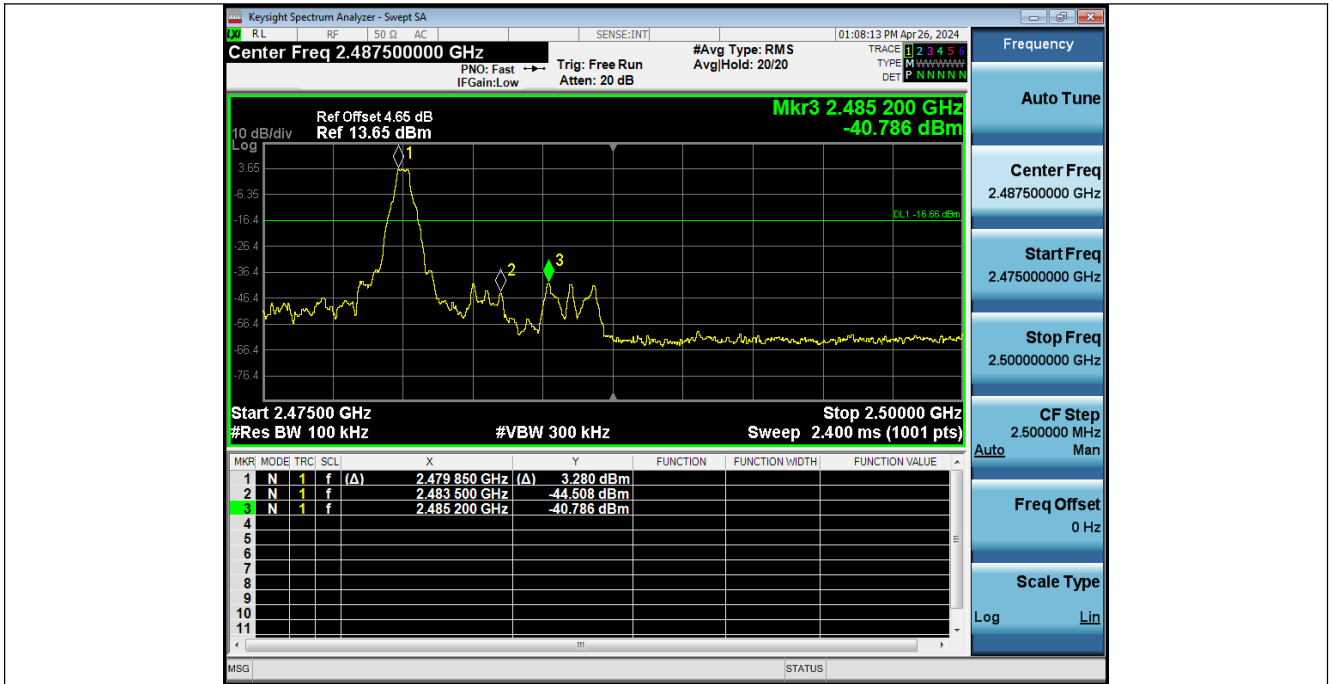
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



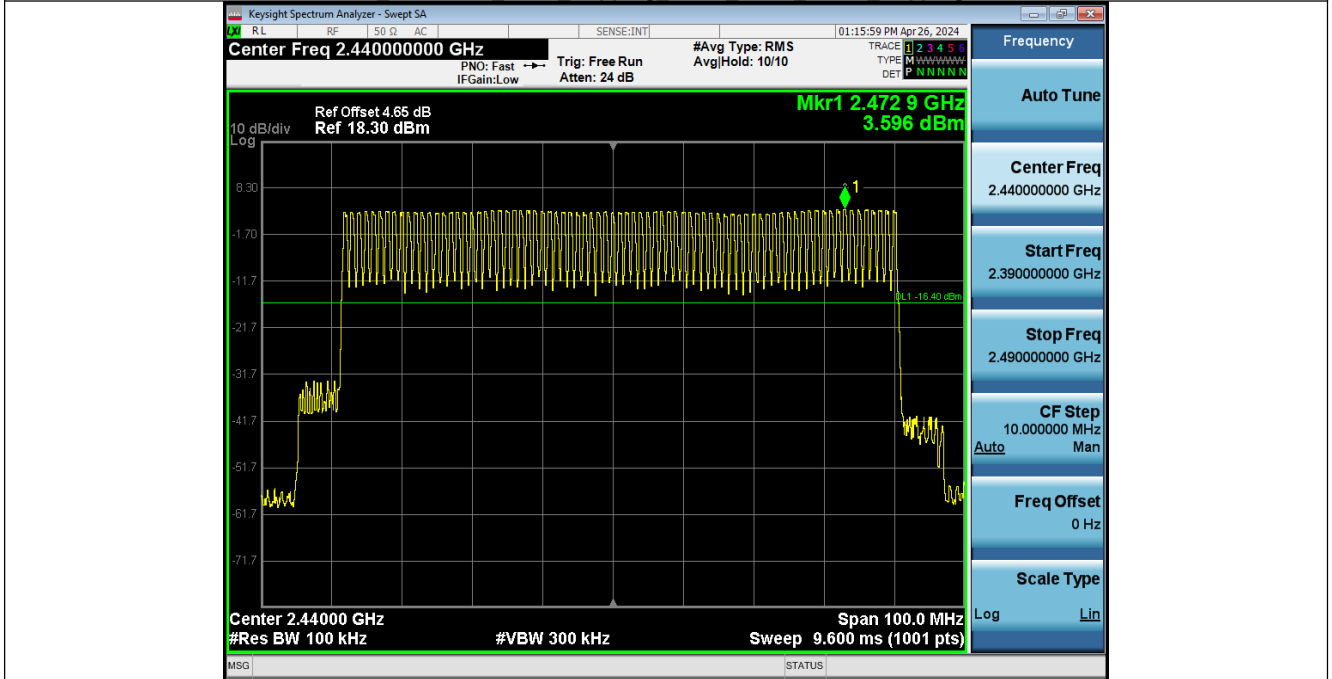
1 Reference_Level_NVNT_ANT1_1-DH1_2480



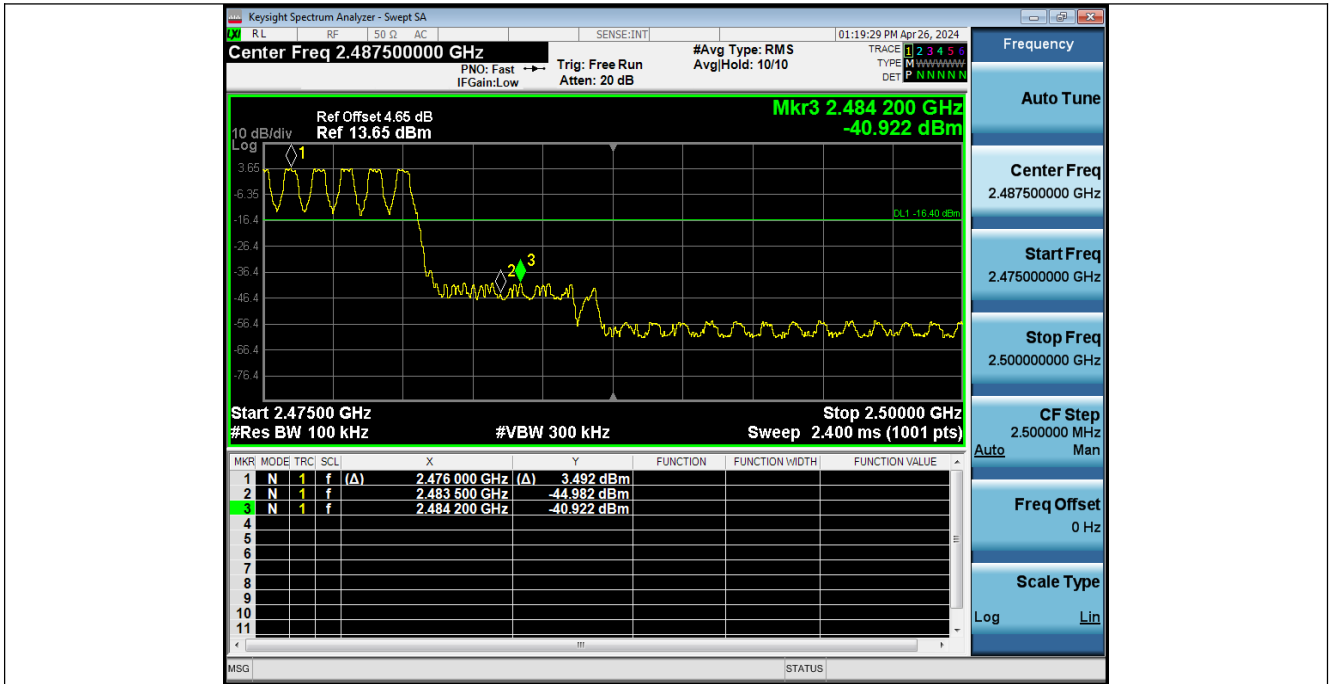
2_Bandedge_NVNT_ANT1_1-DH1_2480



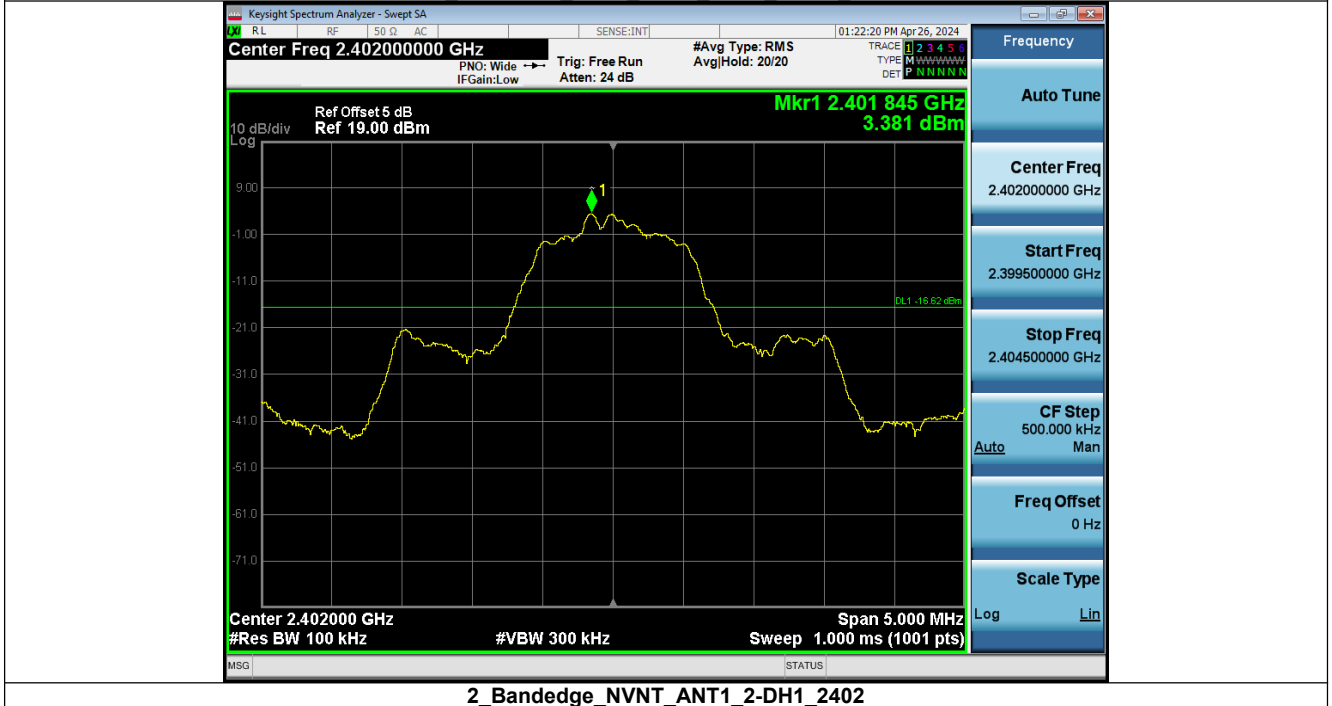
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



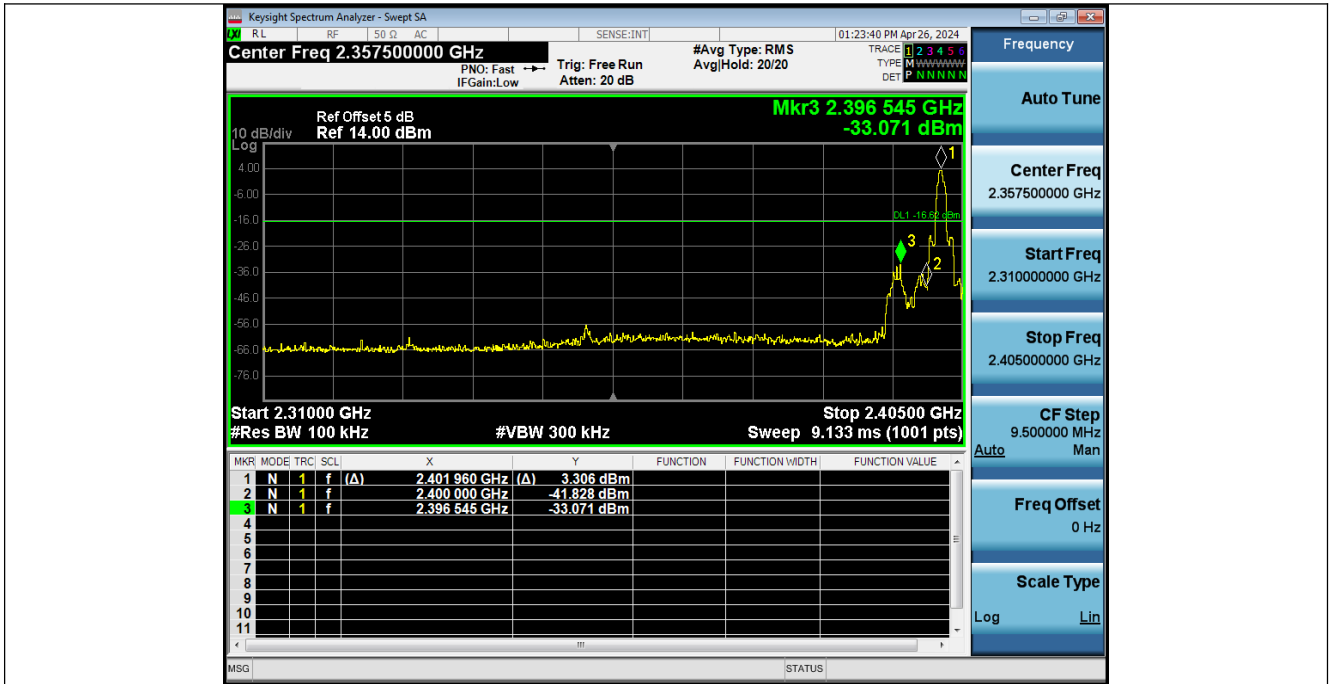
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



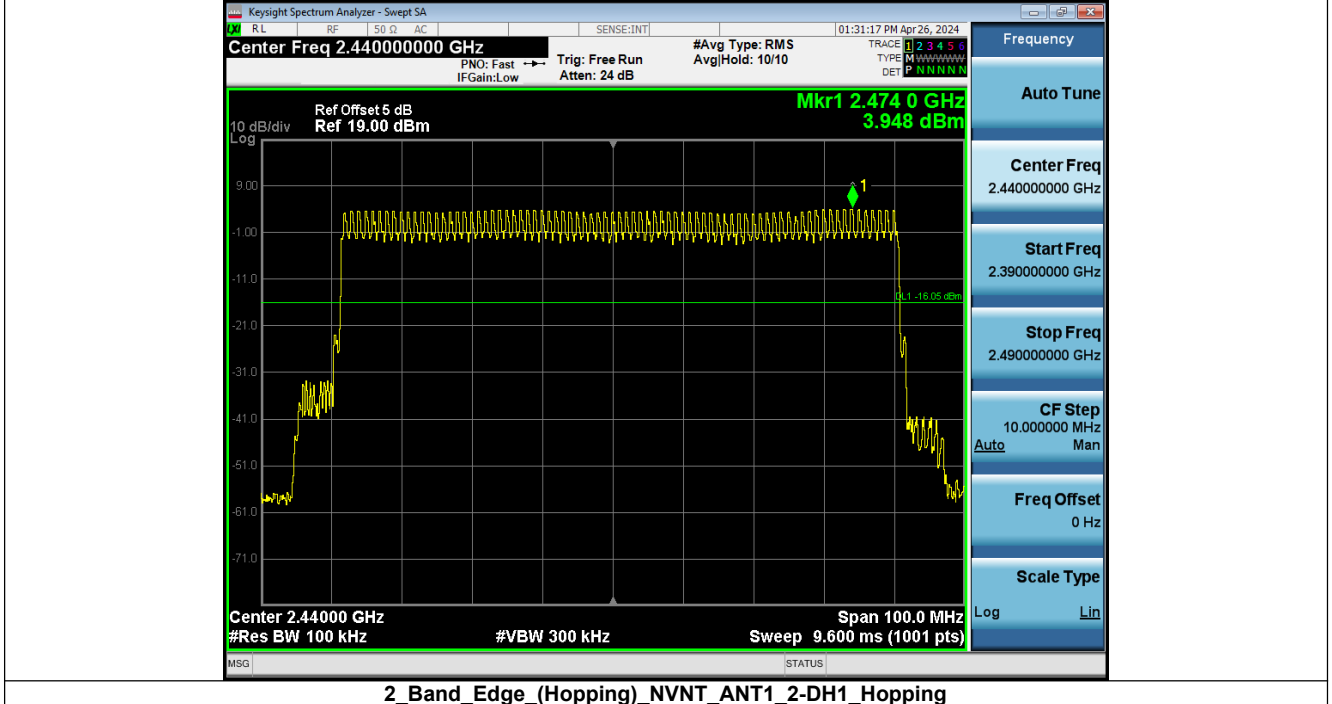
1 Reference_Level_NVNT_ANT1_2-DH1_2402

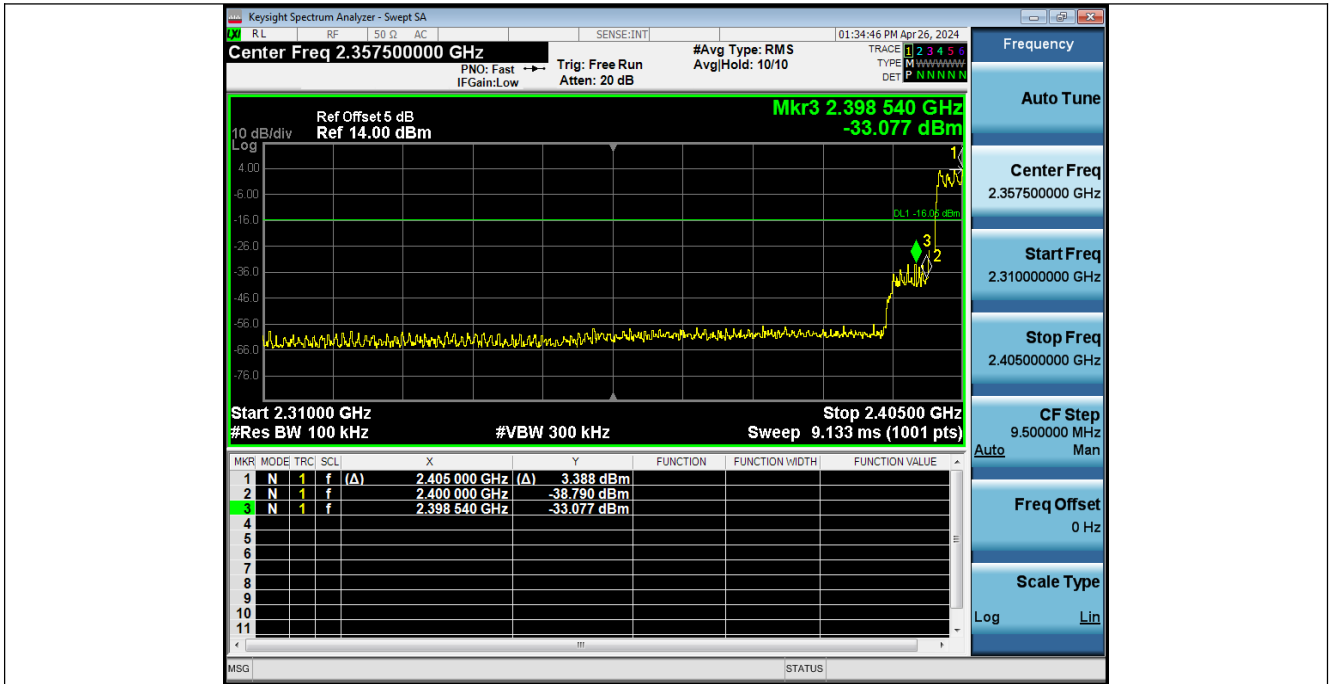


2_Bandedge_NVNT_ANT1_2-DH1_2402

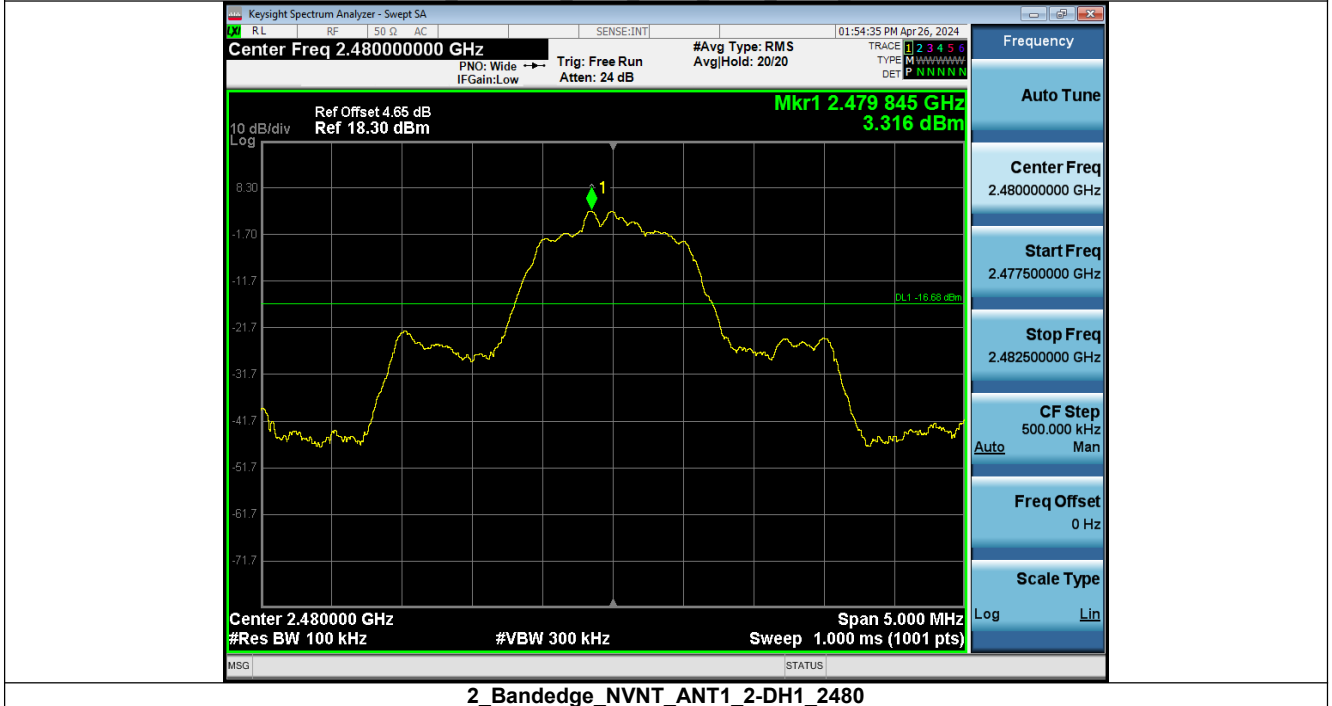


1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping





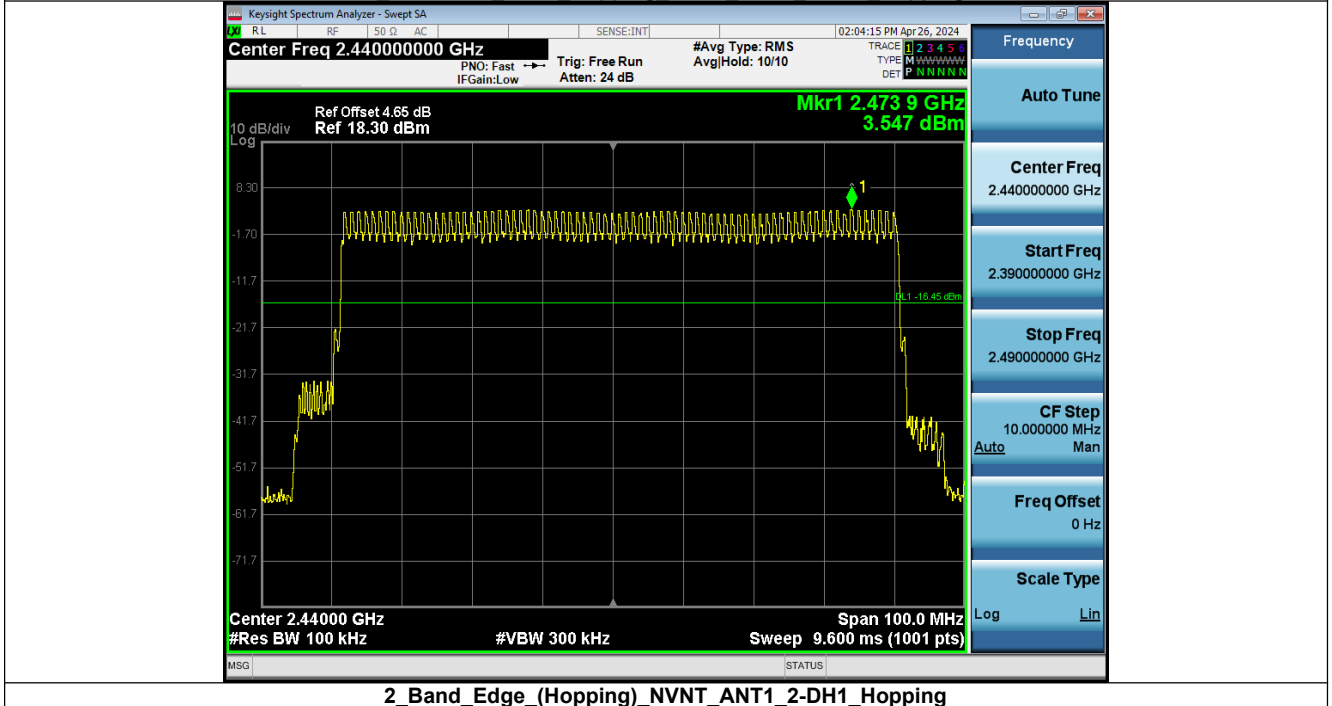
1 Reference_Level_NVNT_ANT1_2-DH1_2480

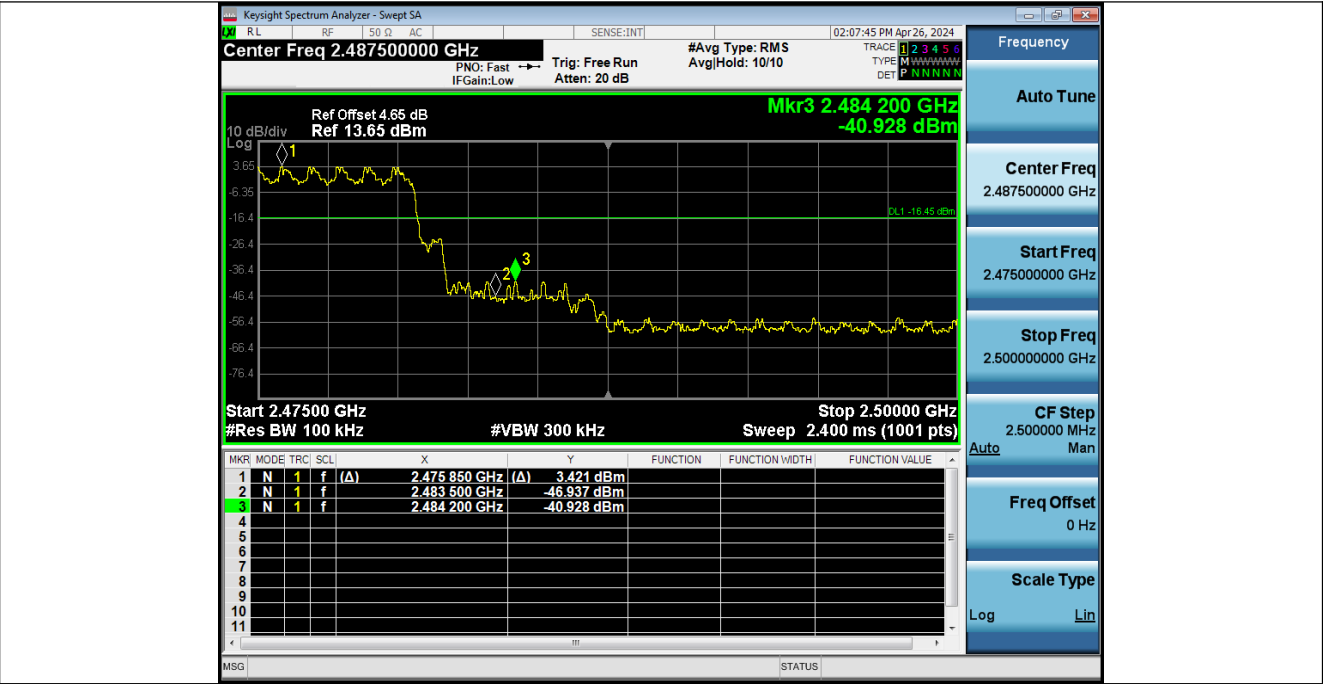


2_Bandedge_NVNT_ANT1_2-DH1_2480

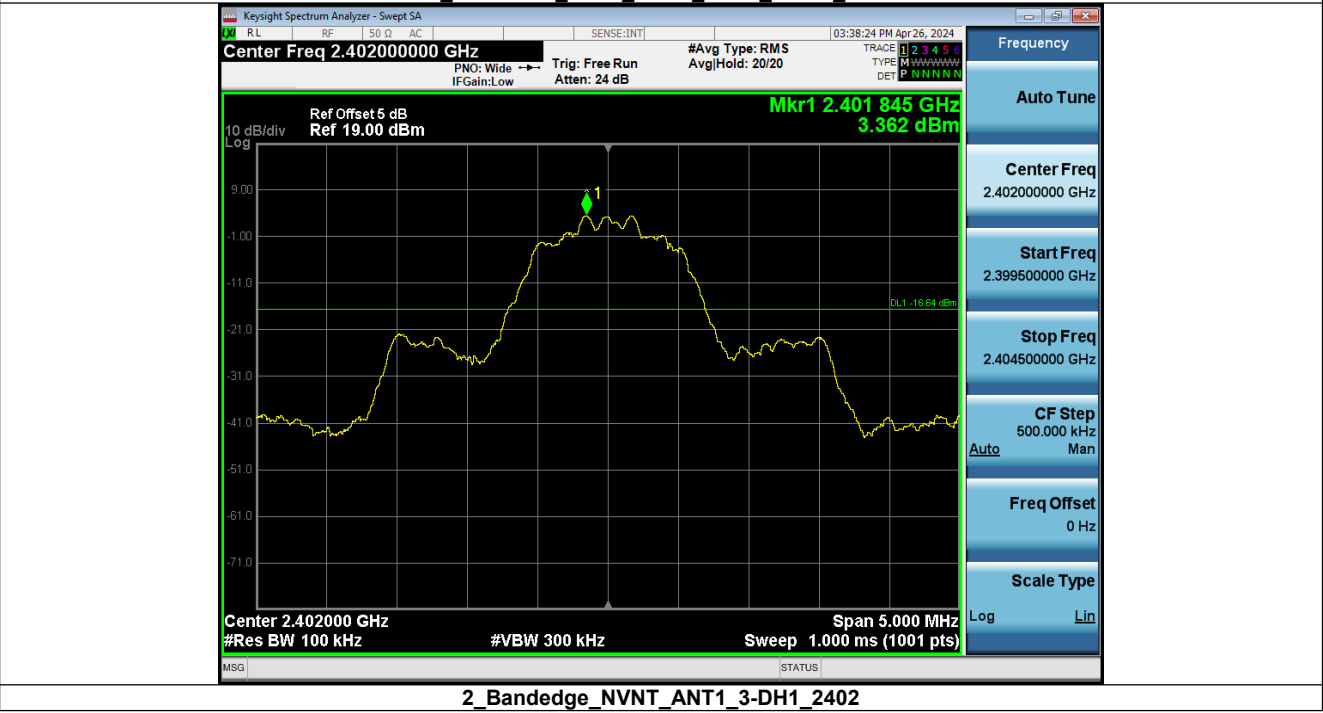


1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

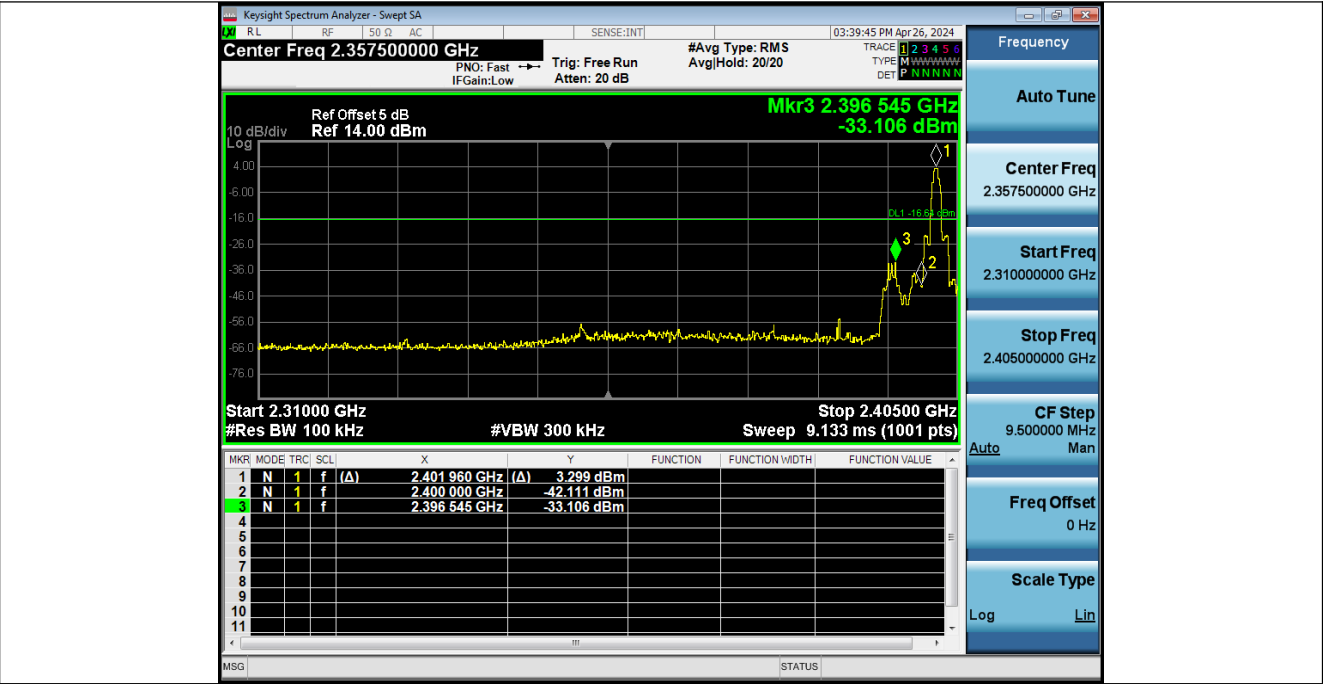




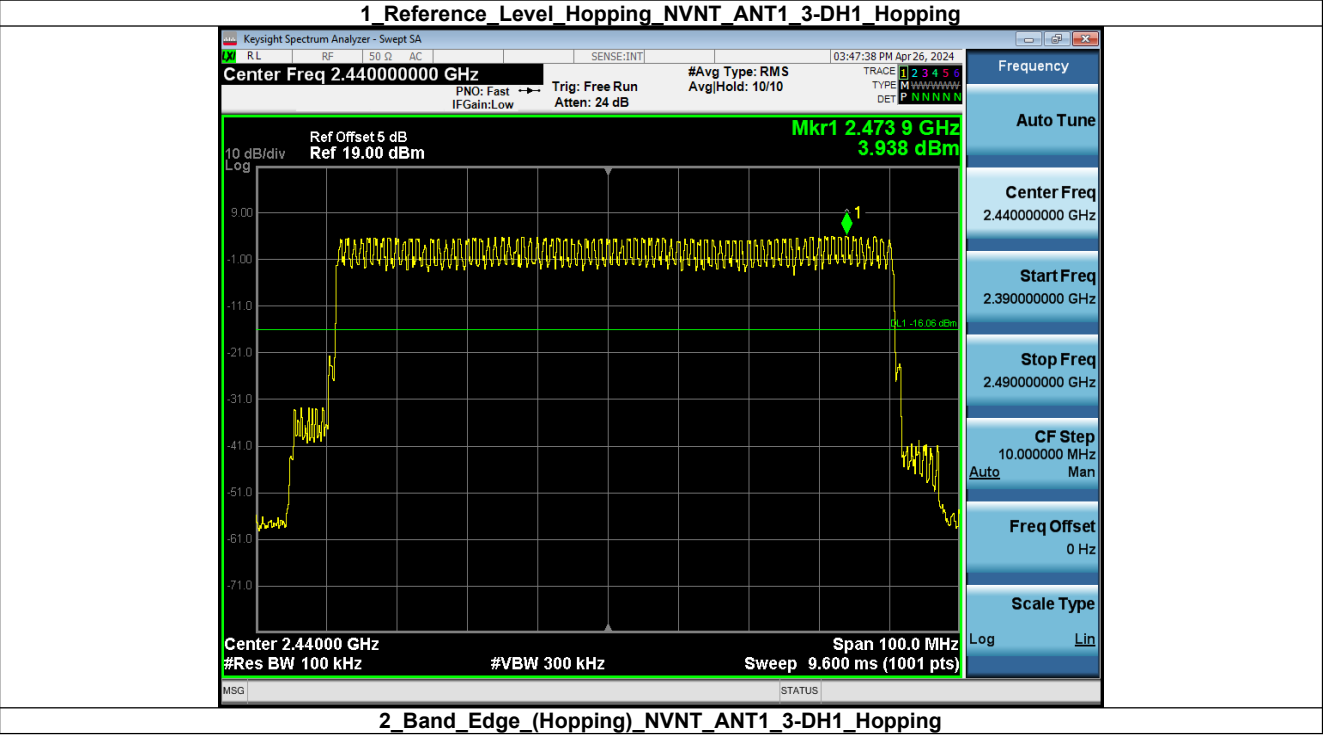
1 Reference_Level_NVNT_ANT1_3-DH1_2402



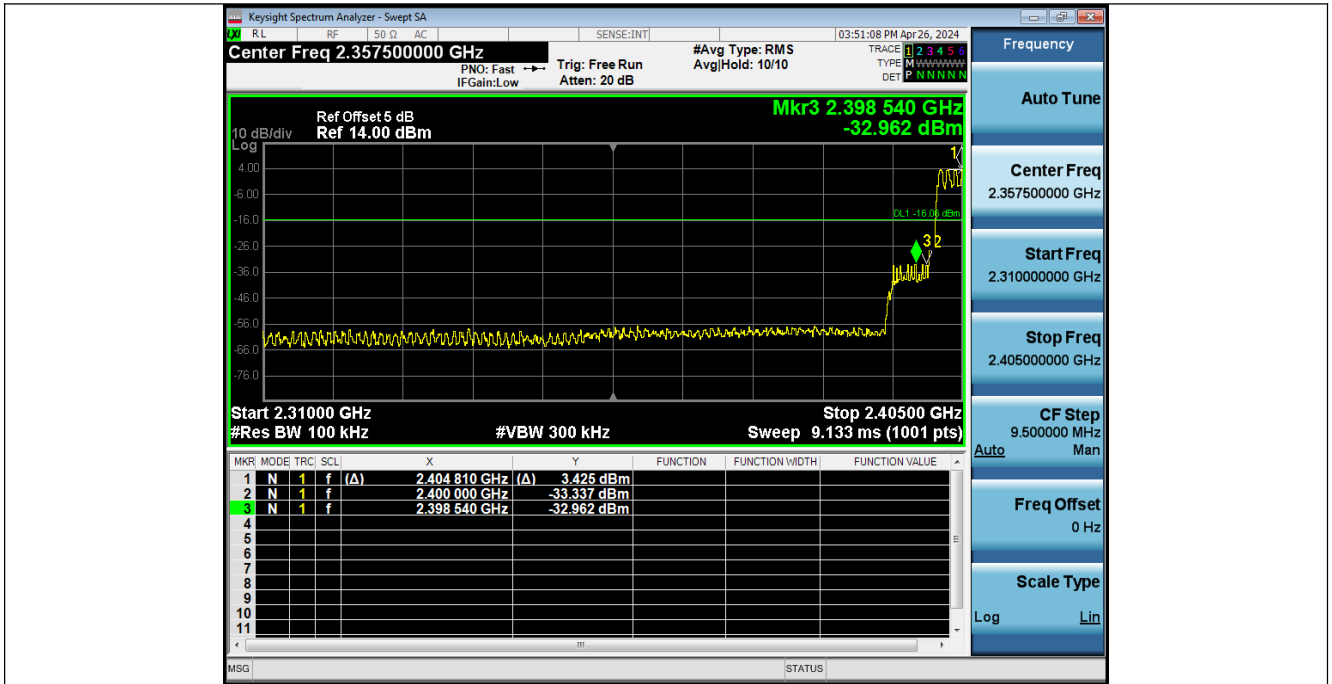
2_Bandedge_NVNT_ANT1_3-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



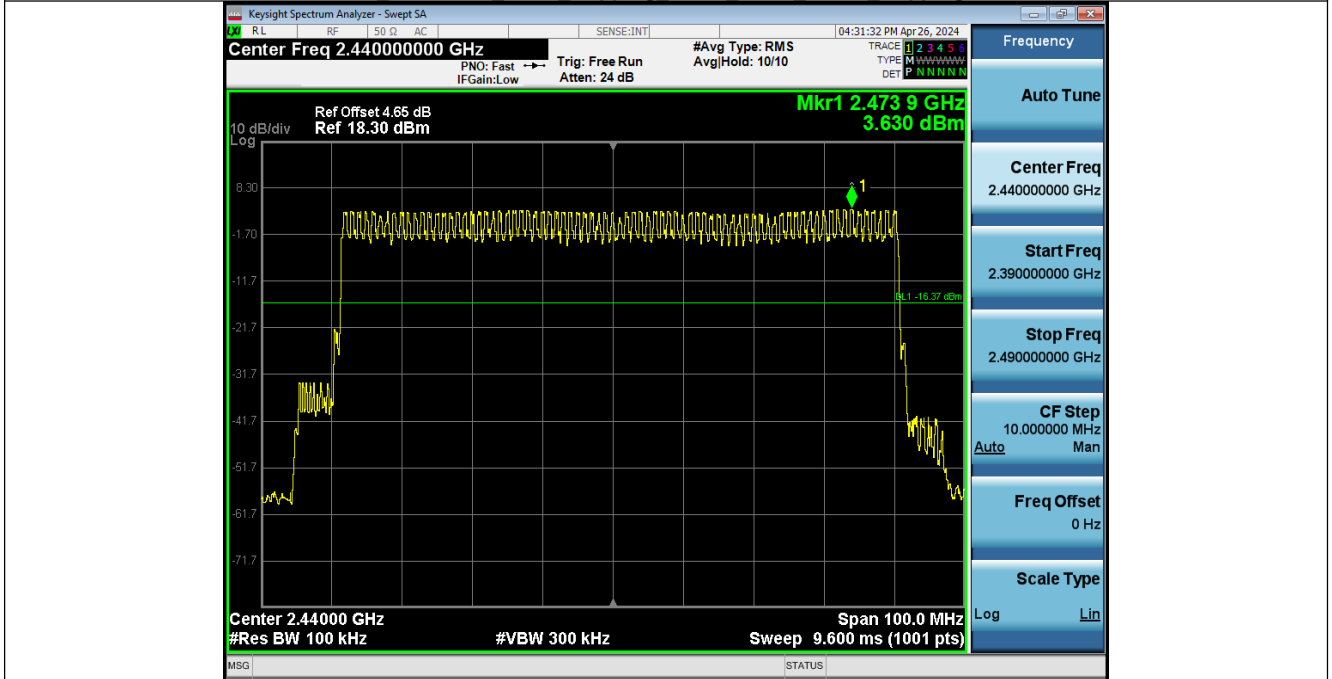
1 Reference_Level_NVNT_ANT1_3-DH1_2480



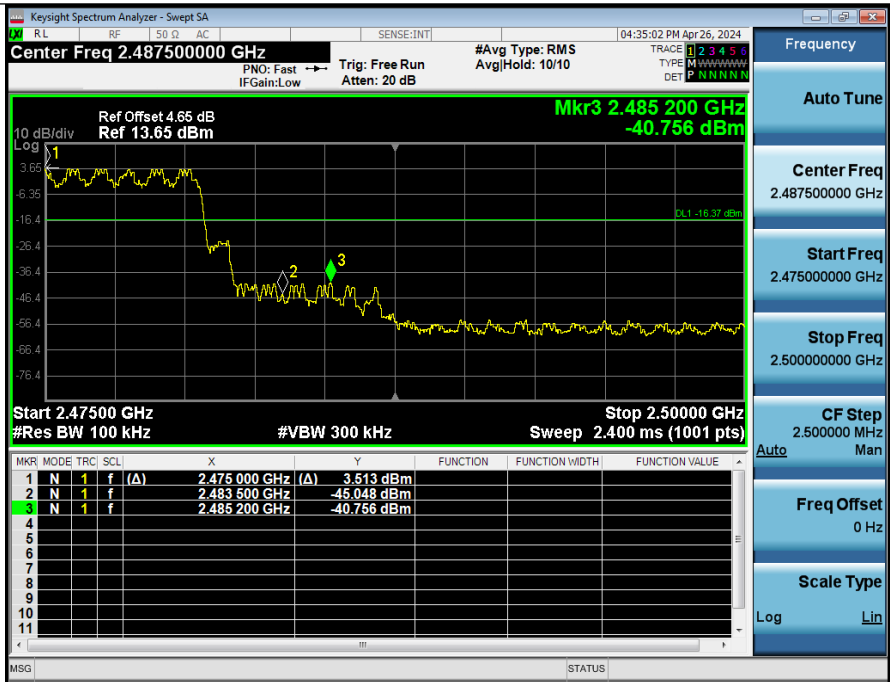
2_Bandedge_NVNT_ANT1_3-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

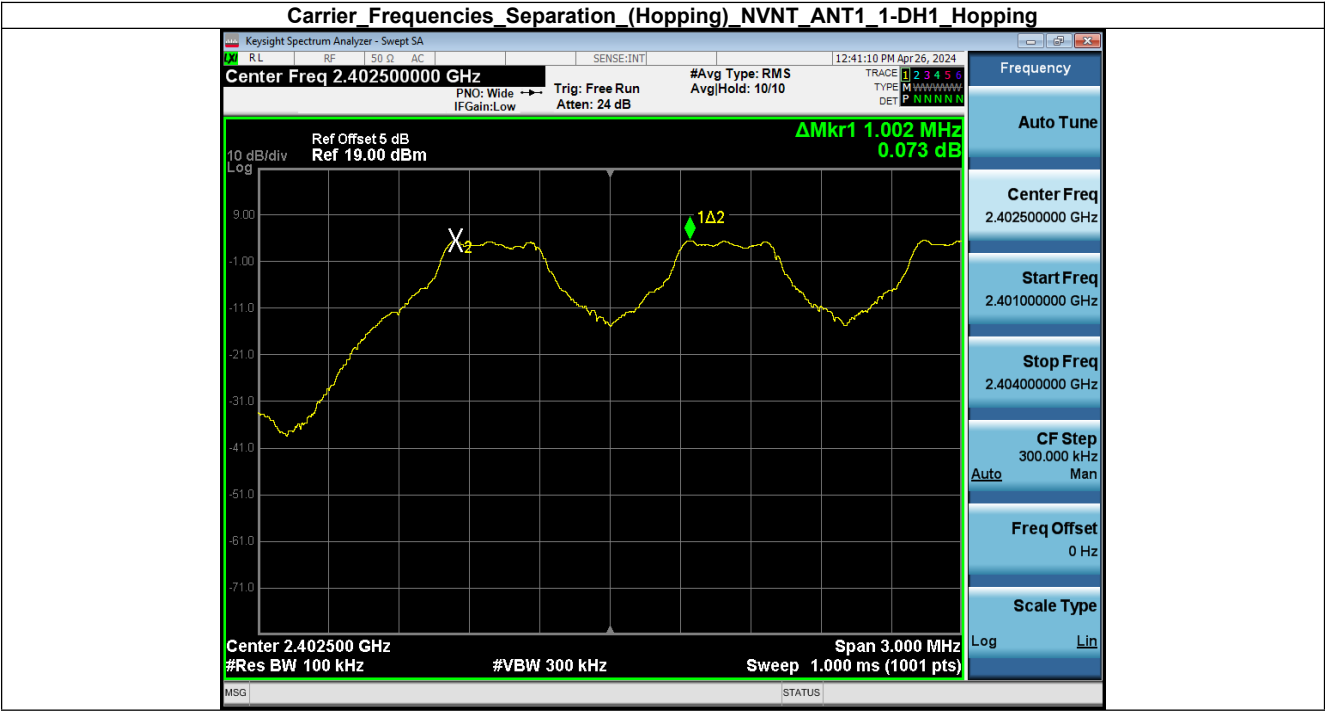


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

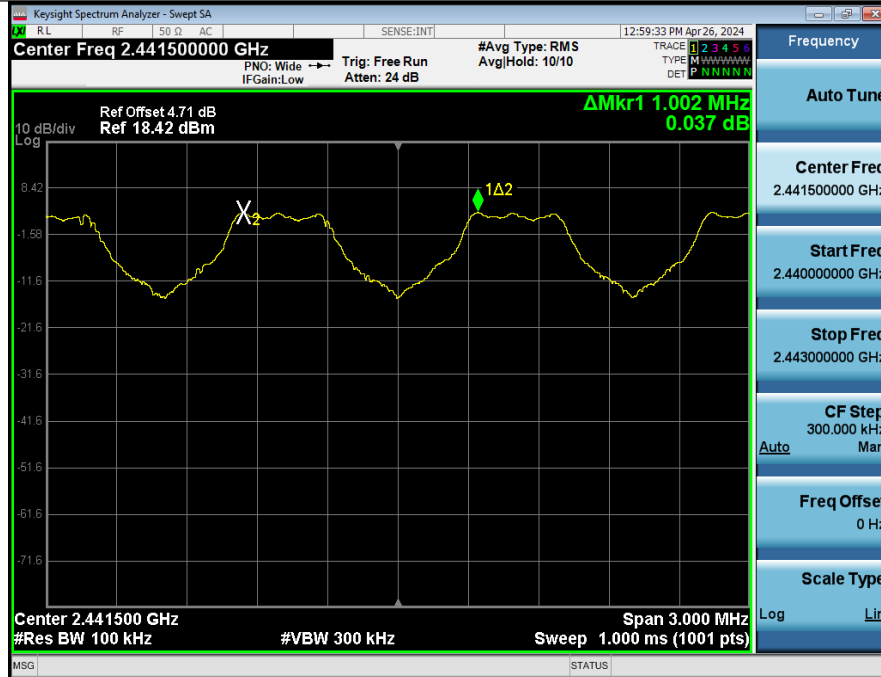


6. Carrier Frequencies Separation (Hopping)

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



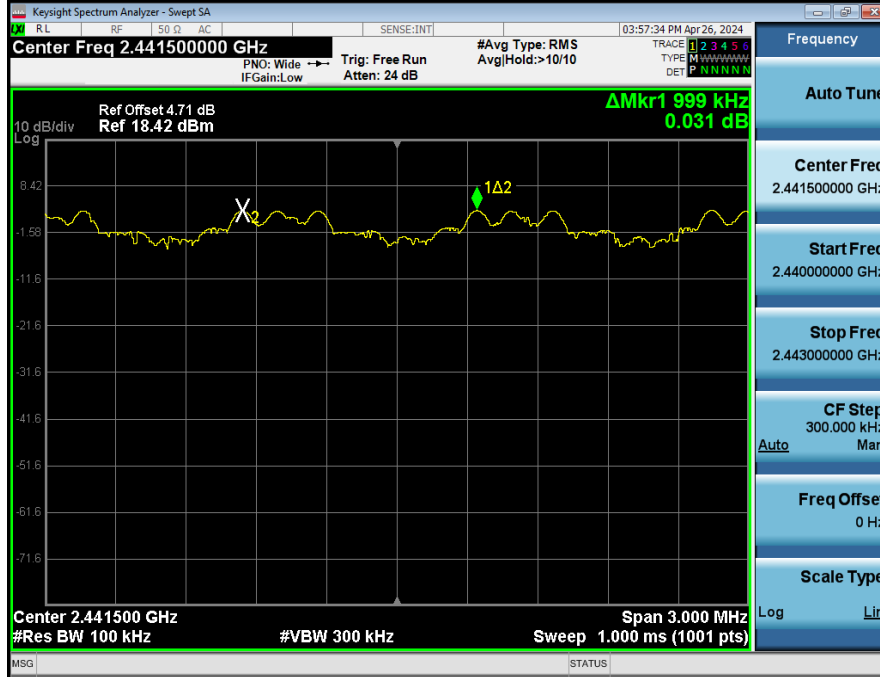
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1_3-DH1_Hopping

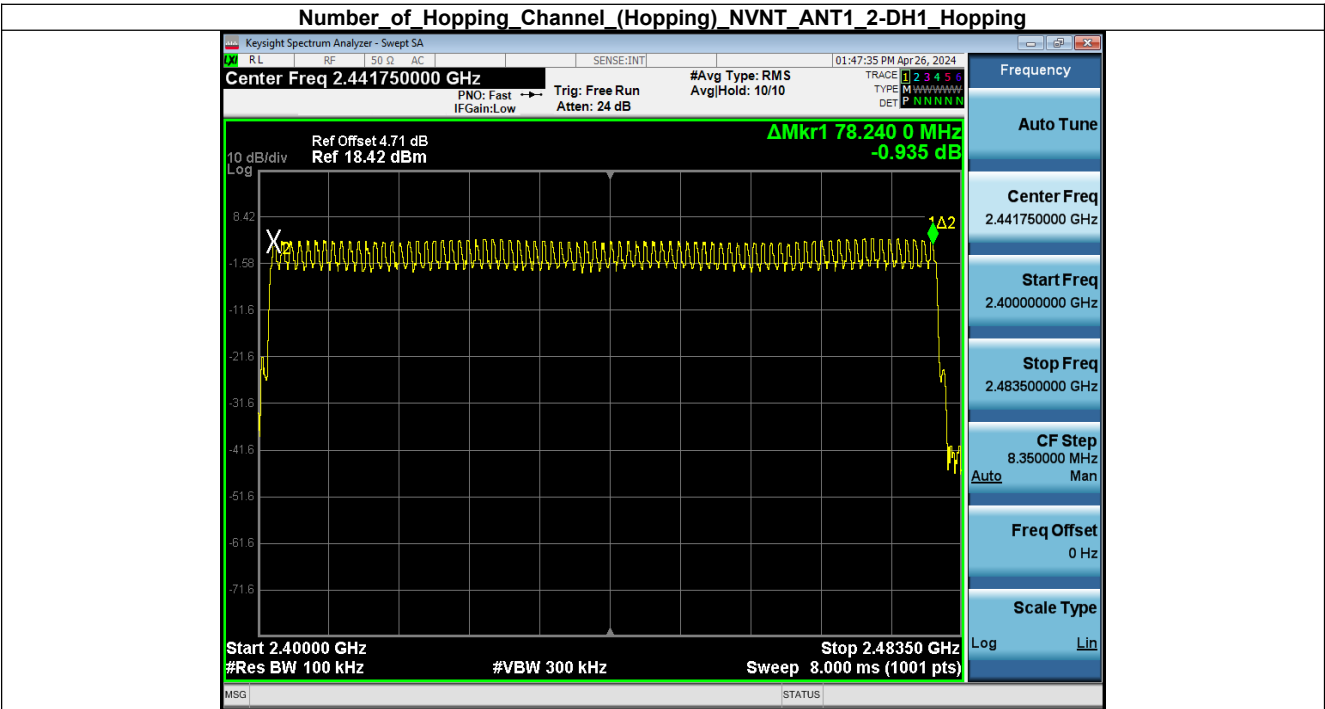
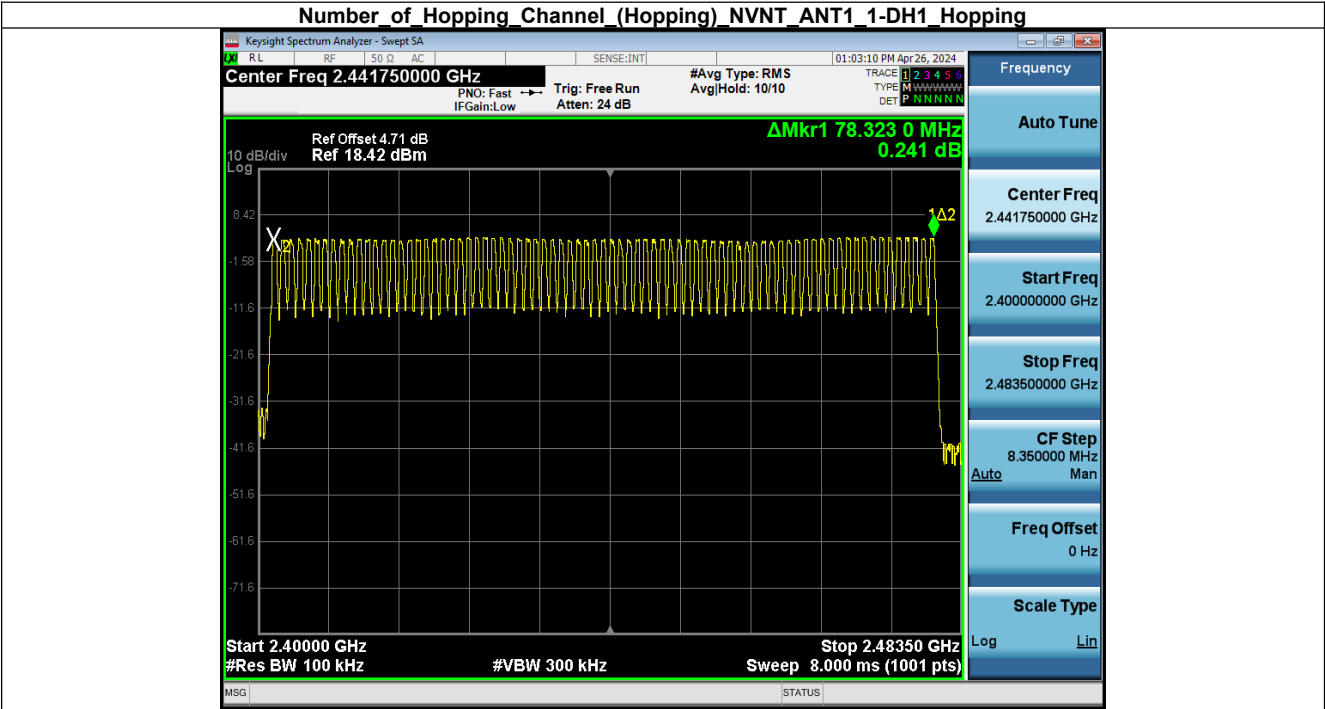


Carrier Frequencies Separation (Hopping) NVNT_ANT1_3-DH1_Hopping

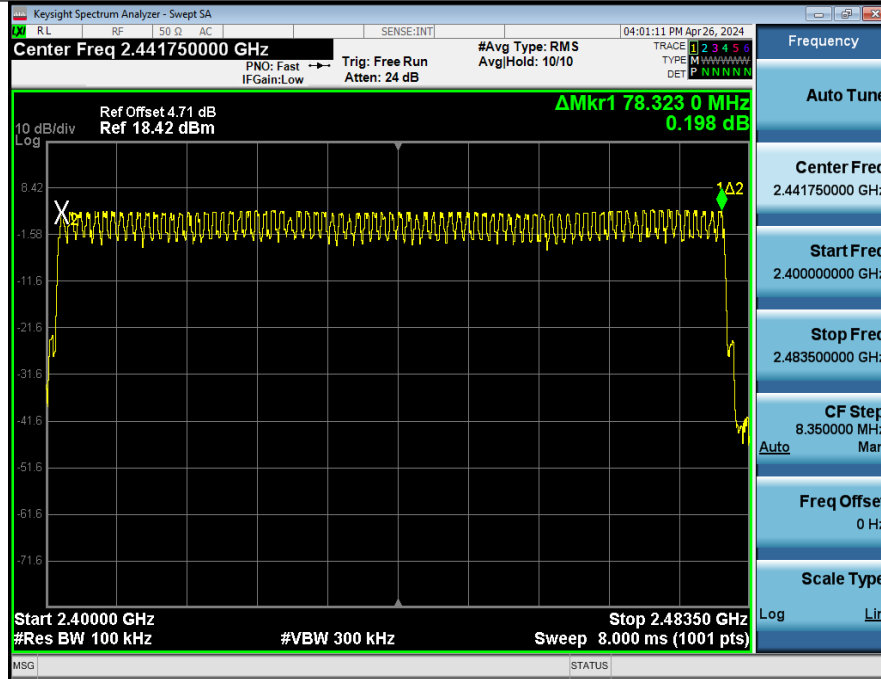


7. Number of Hopping Channel (Hopping)

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

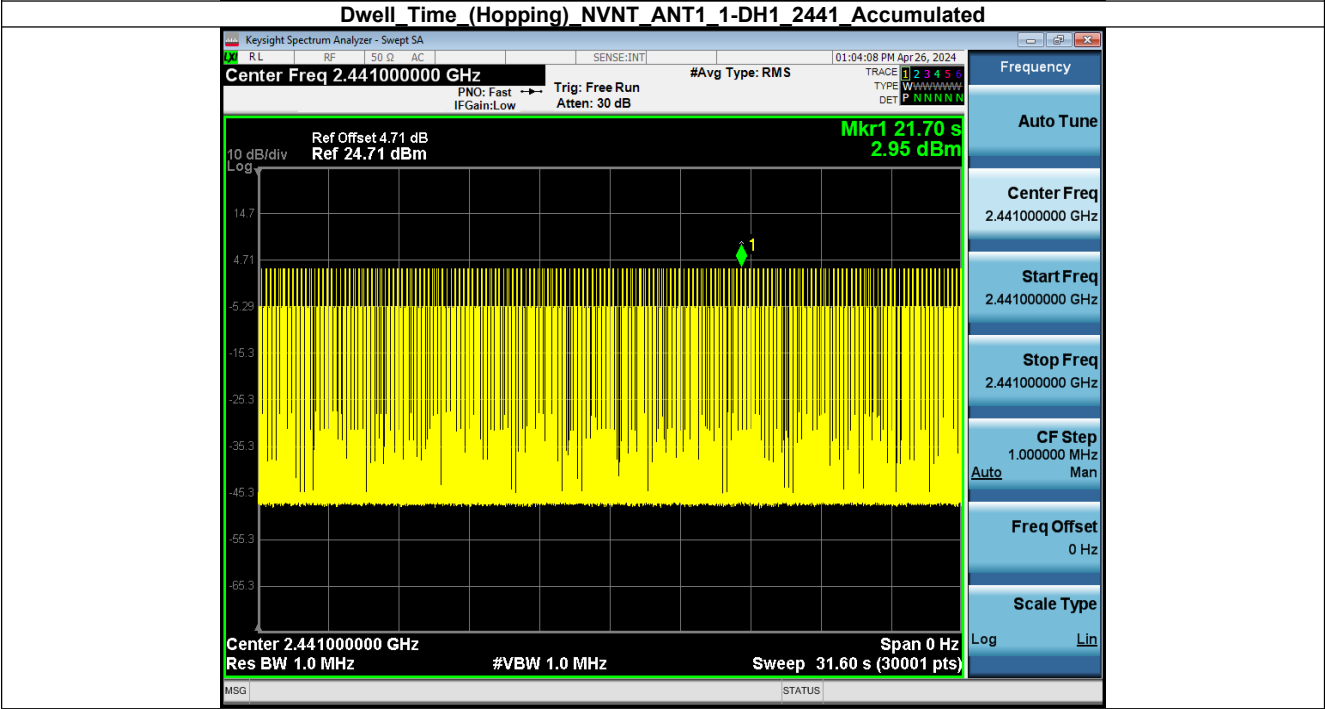
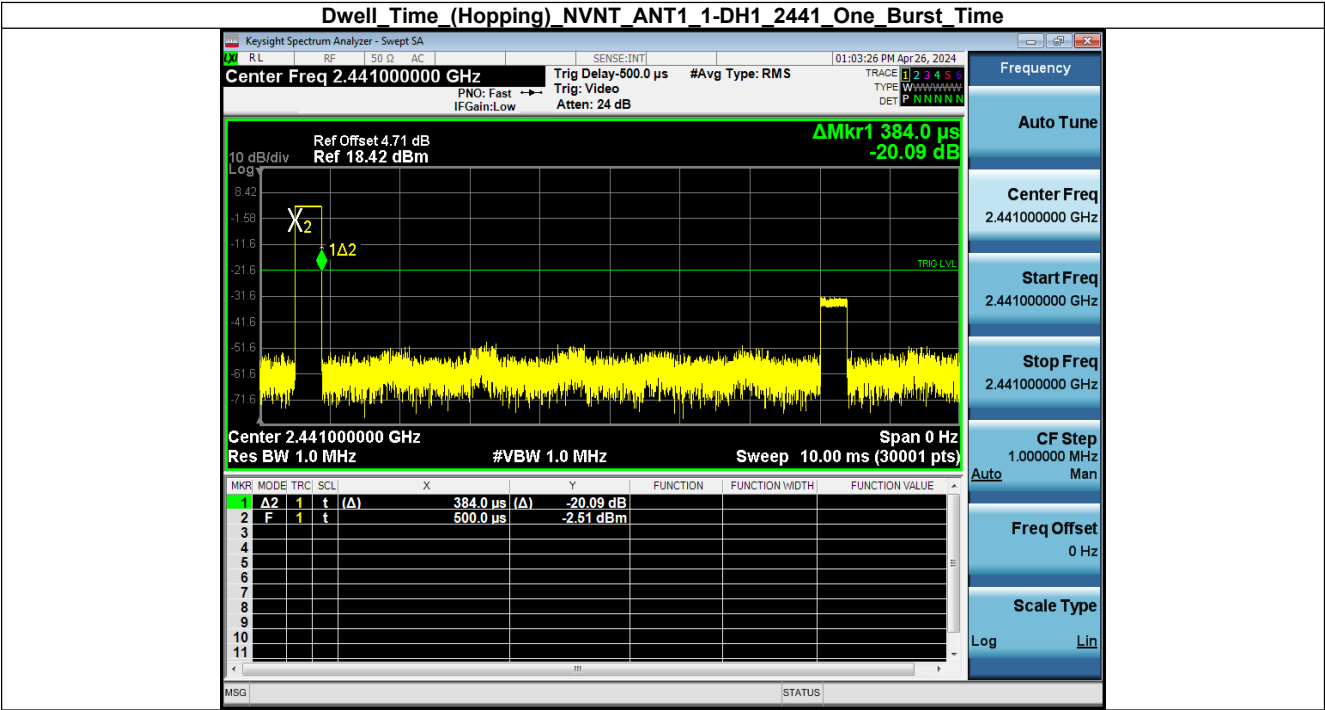


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

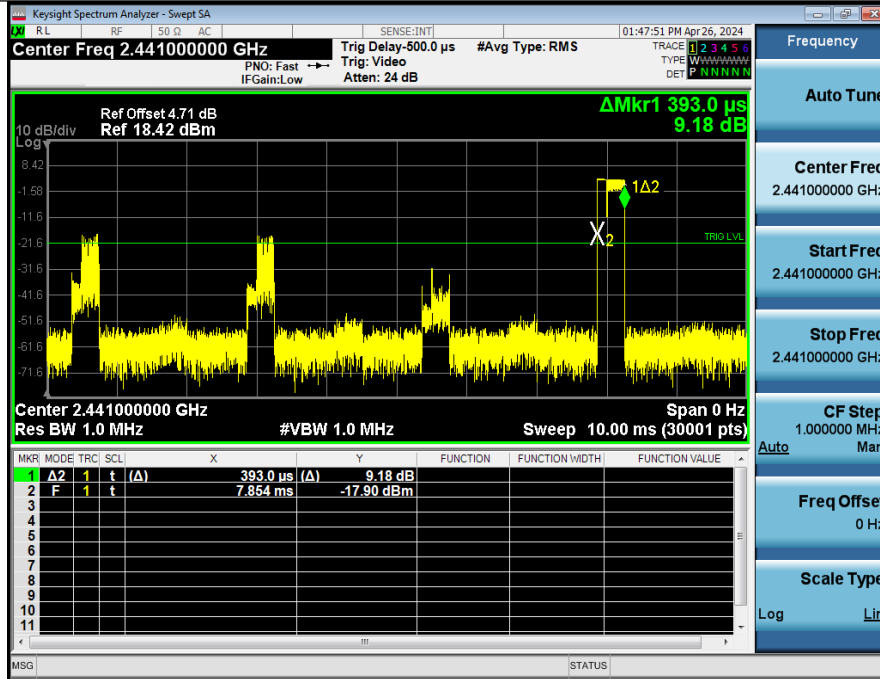


8. Dwell Time (Hopping)

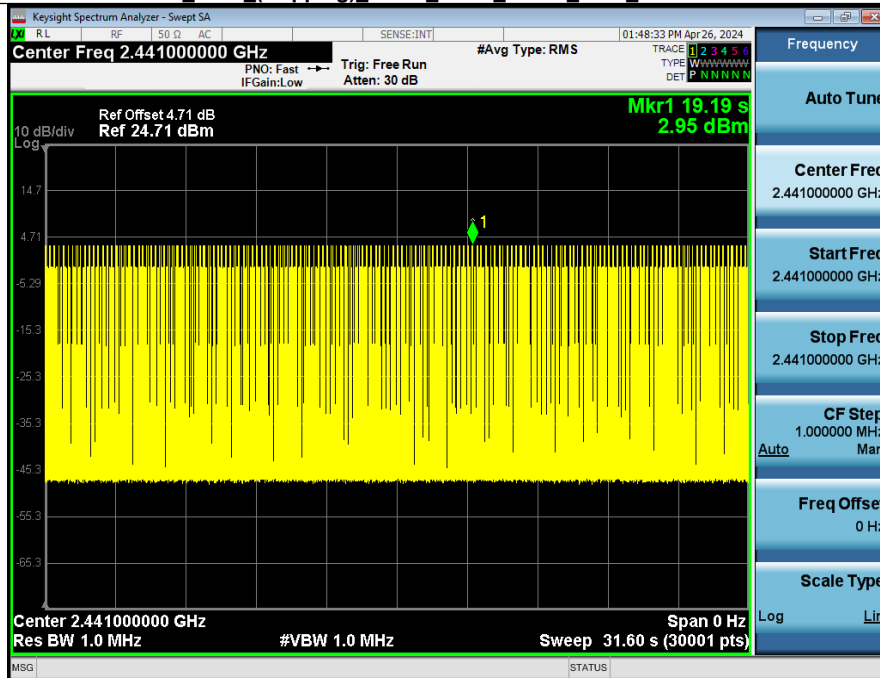
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.384	317.00	121.728	0.40	Pass
NVNT	ANT1	2-DH1	0.393	319.00	125.367	0.40	Pass
NVNT	ANT1	3-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	1-DH5	1.640	169.00	277.160	0.40	Pass
NVNT	ANT1	2-DH3	1.645	170.00	279.650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



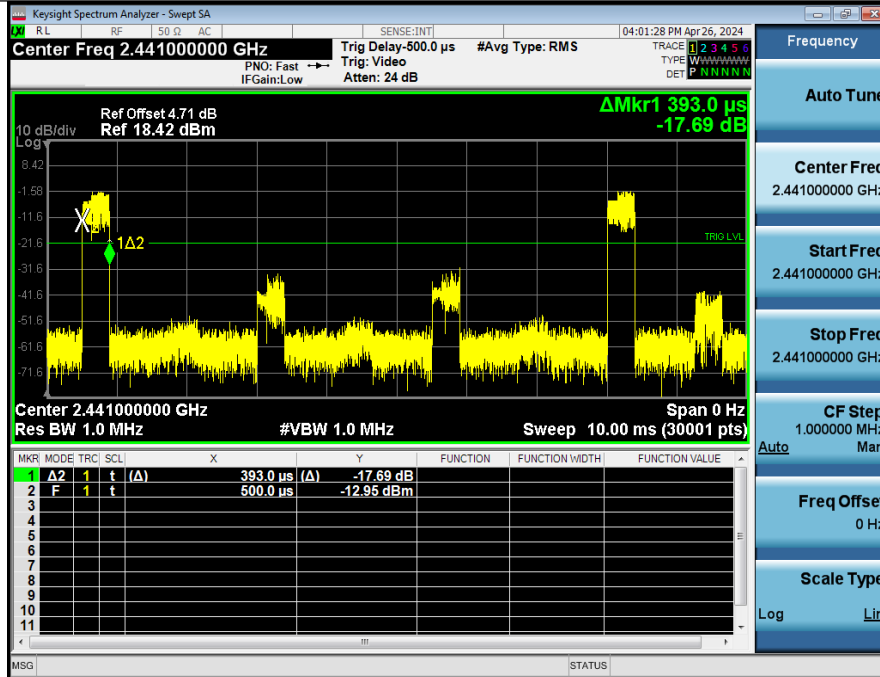
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_One_Burst_Time



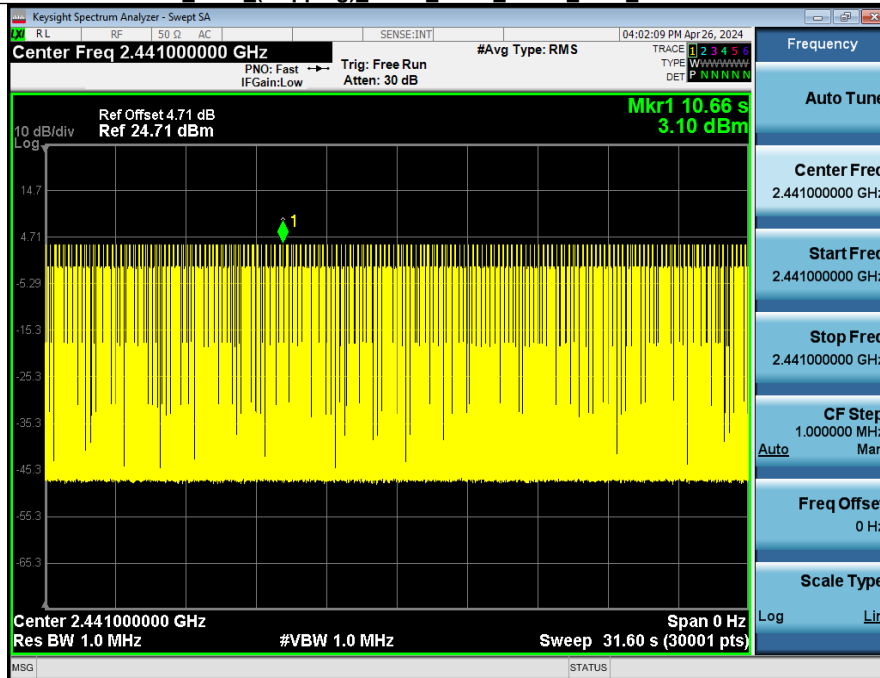
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_Accumulated



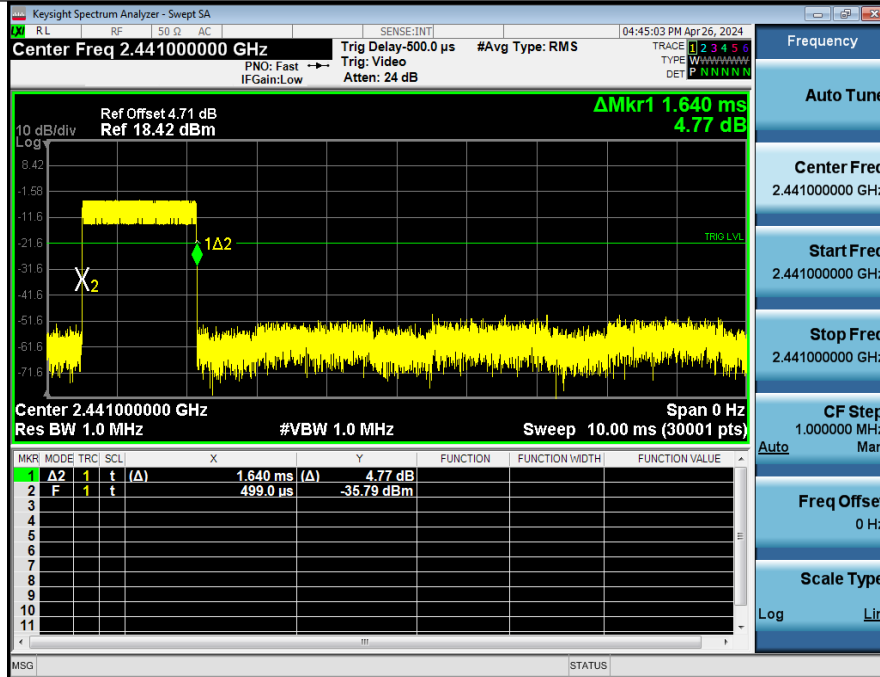
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_One_Burst_Time



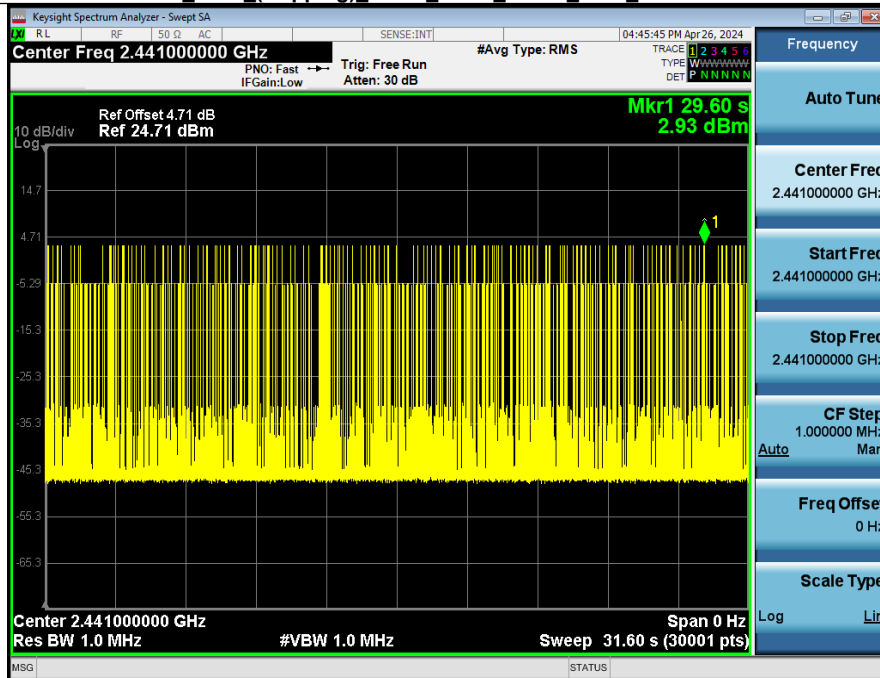
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_Accumulated



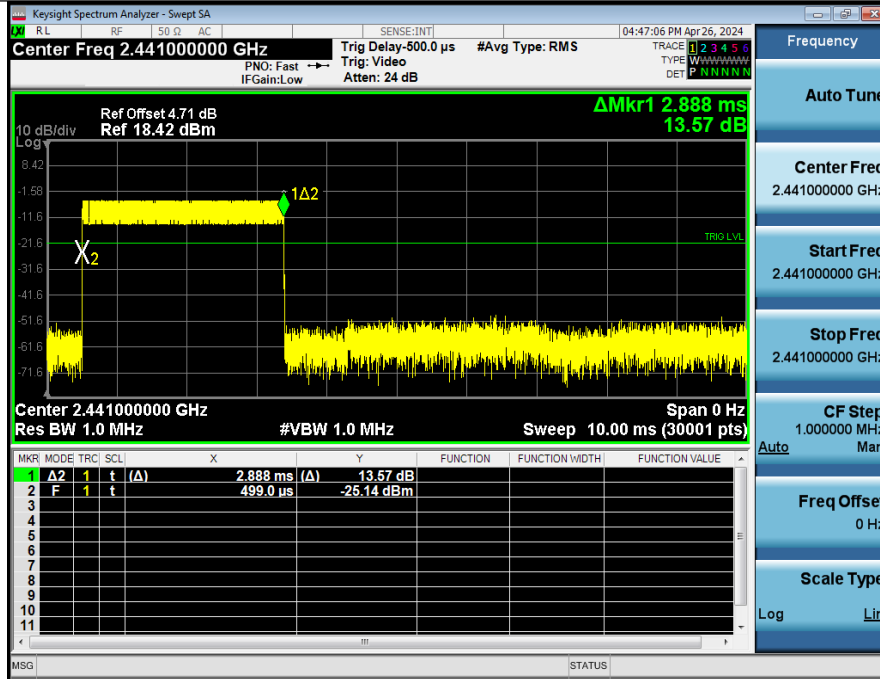
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_One Burst Time



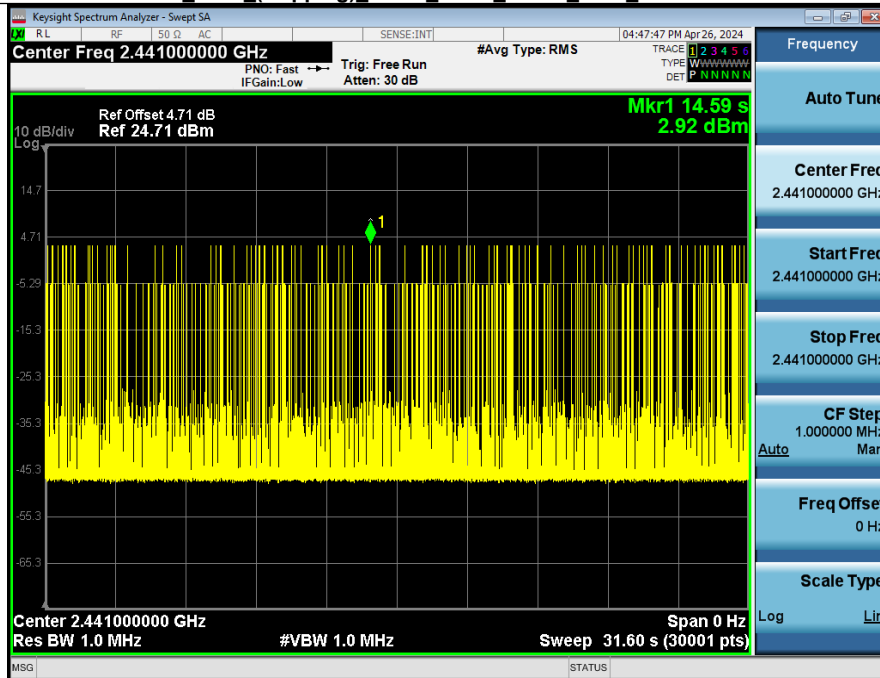
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_Accumulated



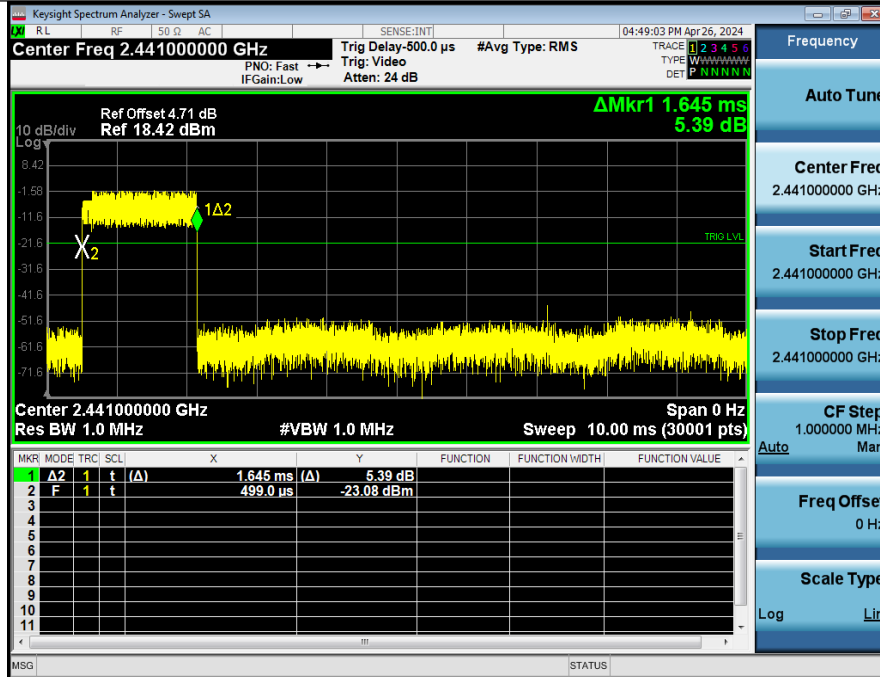
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_One_Burst_Time



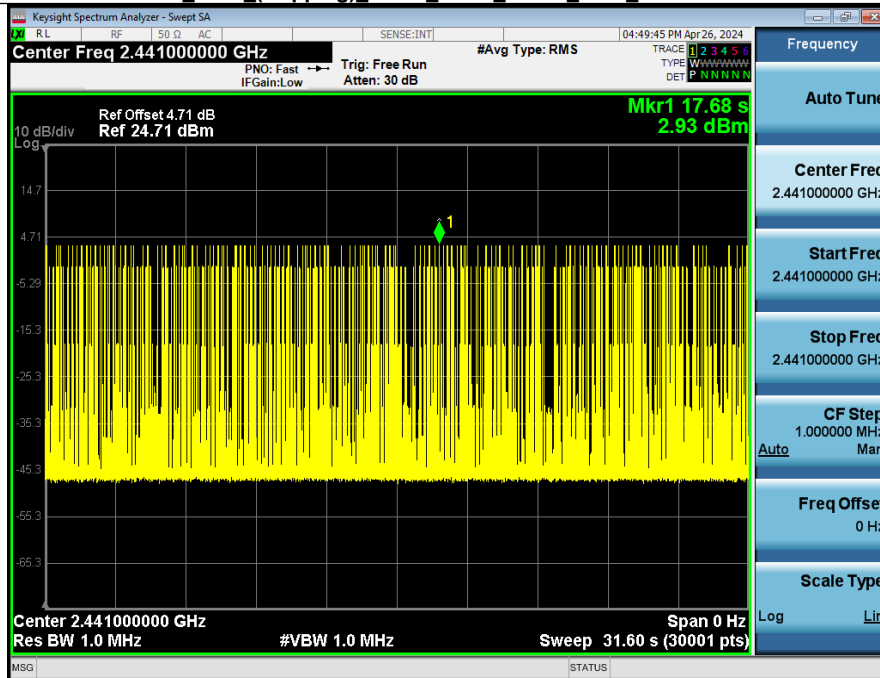
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_Accumulated



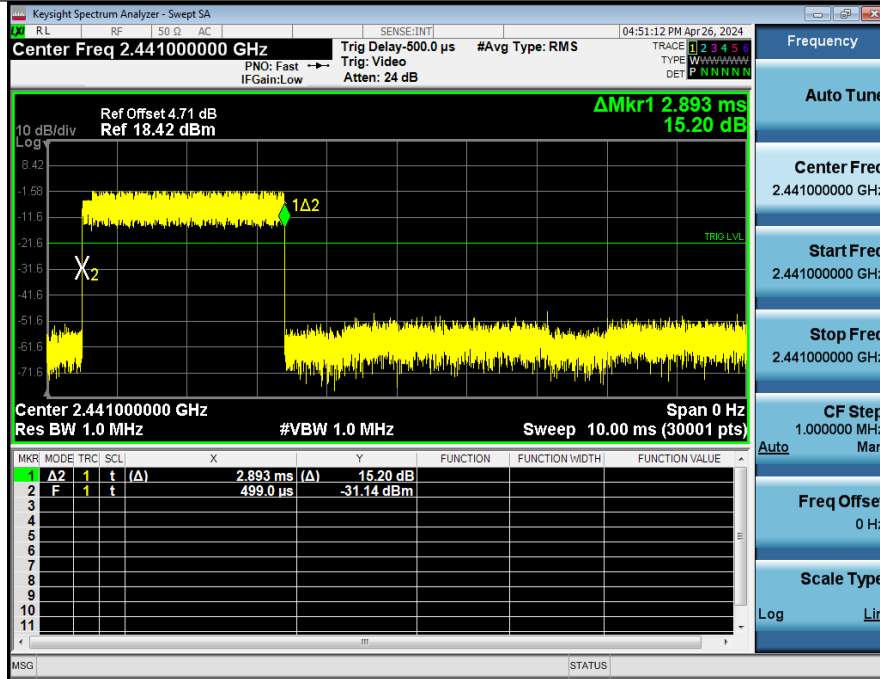
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_One_Burst_Time



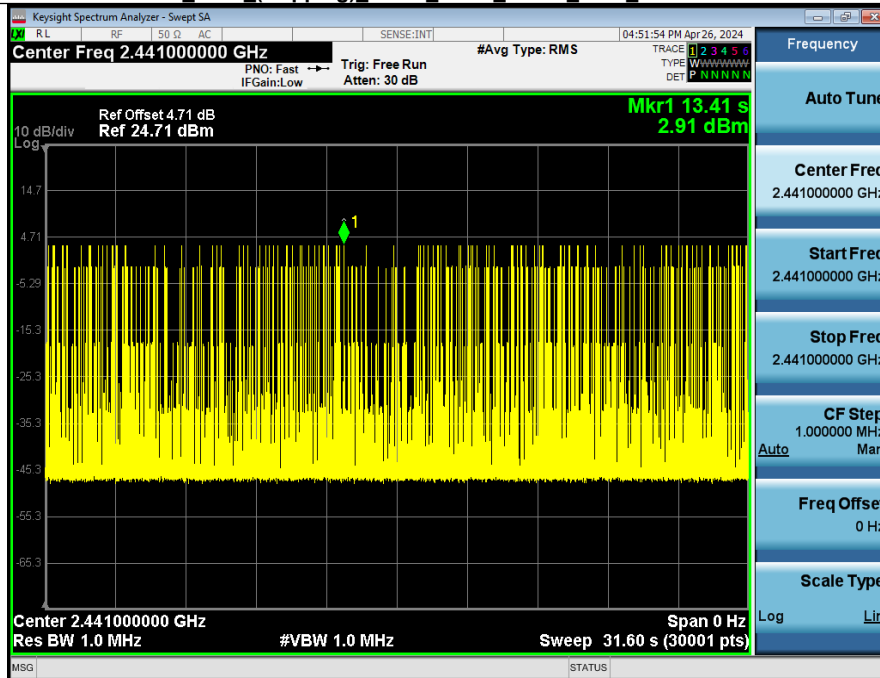
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_Accumulated



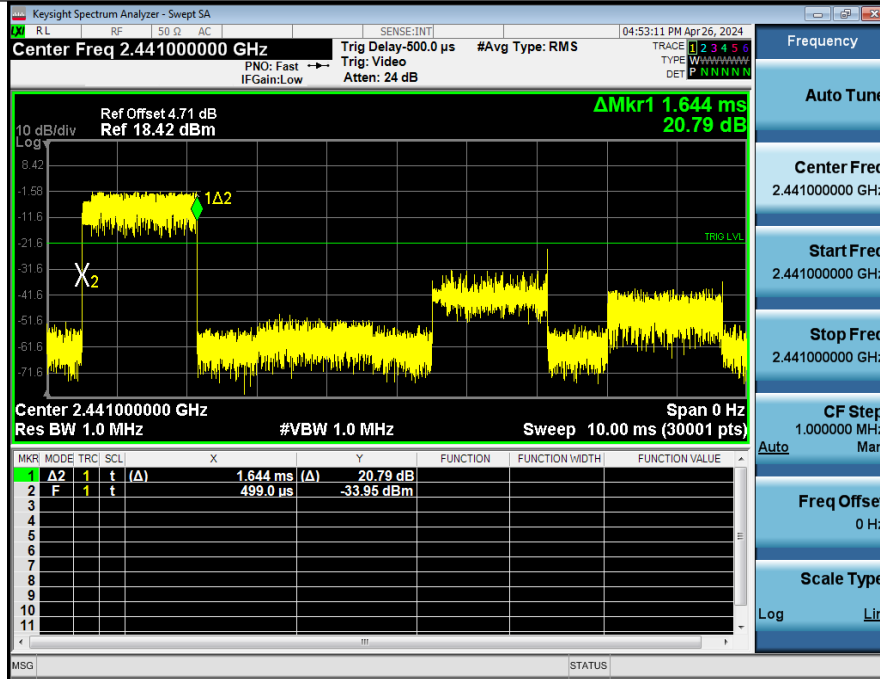
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One_Burst_Time



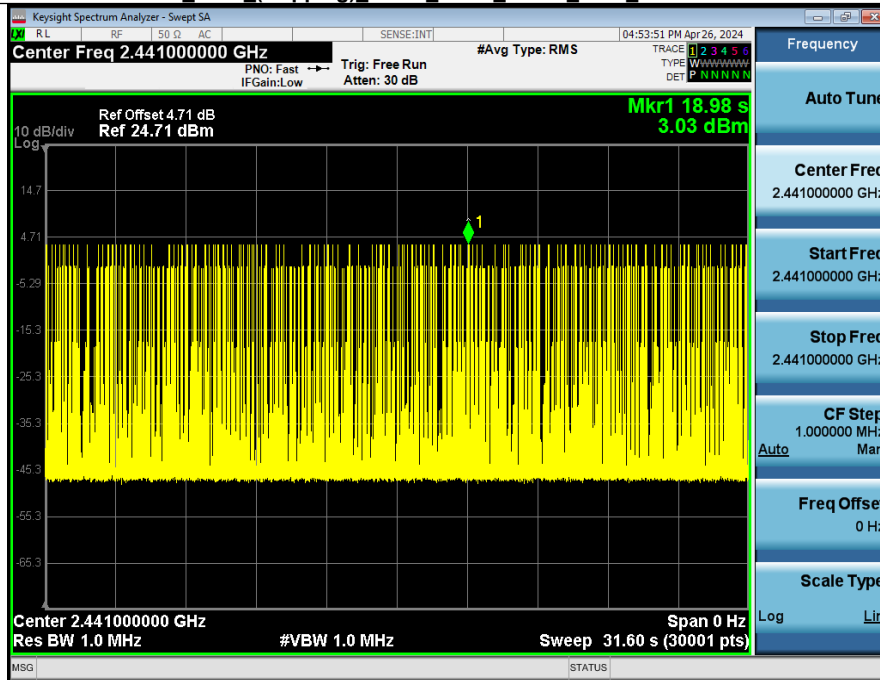
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



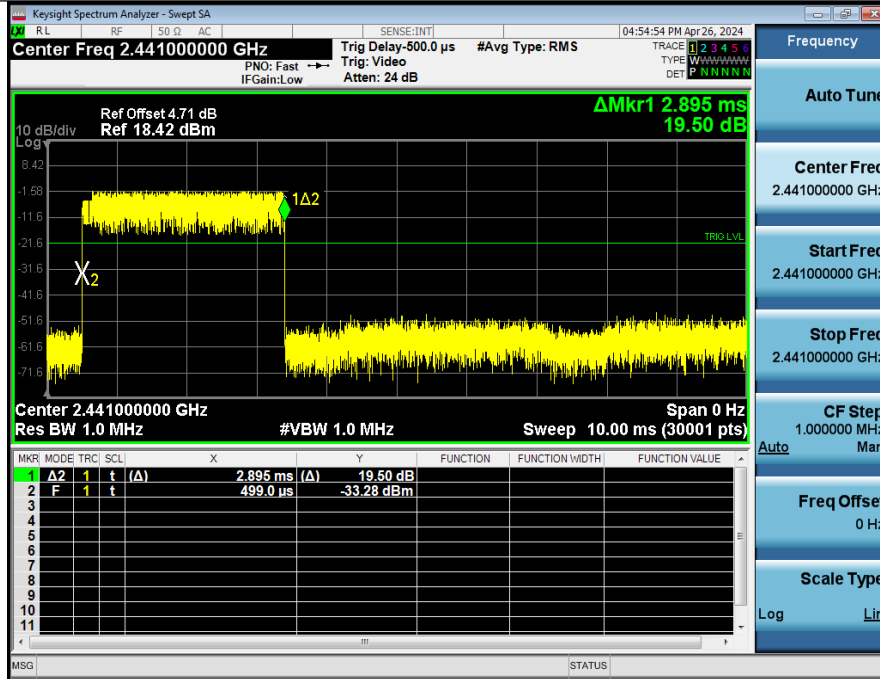
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_One_Burst_Time



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

