

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

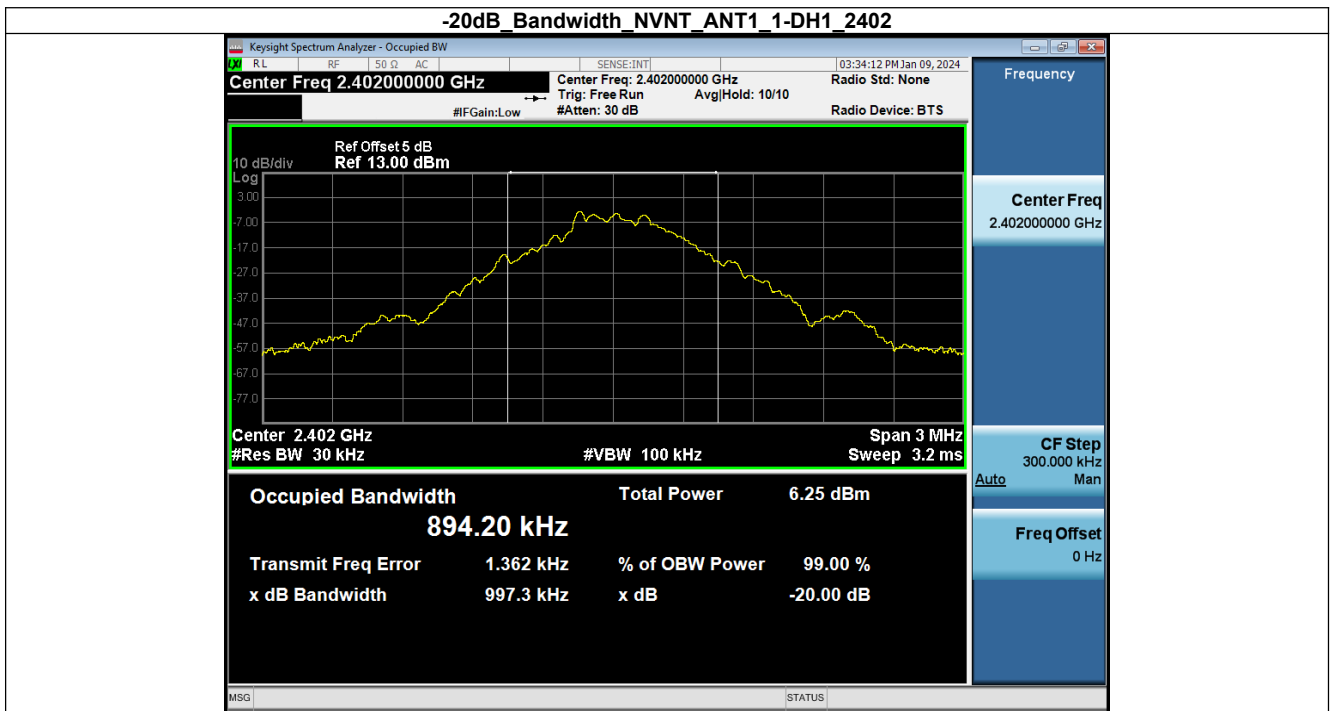
FCC ID:2BEGN-YS-307

FCC ID EDR

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	2402.00	0.997	No
NVNT	ANT1	1-DH1	2441.00	1.030	Yes
NVNT	ANT1	1-DH1	2480.00	1.031	Yes
NVNT	ANT1	2-DH1	2402.00	1.293	Yes
NVNT	ANT1	2-DH1	2441.00	1.289	Yes
NVNT	ANT1	2-DH1	2480.00	1.283	Yes
NVNT	ANT1	3-DH1	2402.00	1.257	Yes
NVNT	ANT1	3-DH1	2441.00	1.252	Yes
NVNT	ANT1	3-DH1	2480.00	1.262	Yes



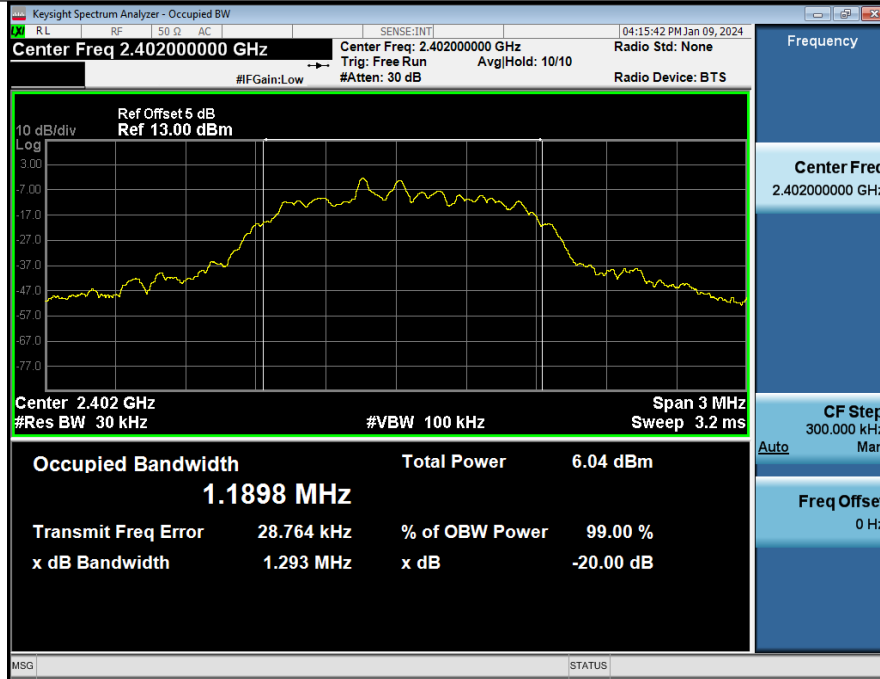
-20dB Bandwidth NVNT_ANT1_1-DH1_2441



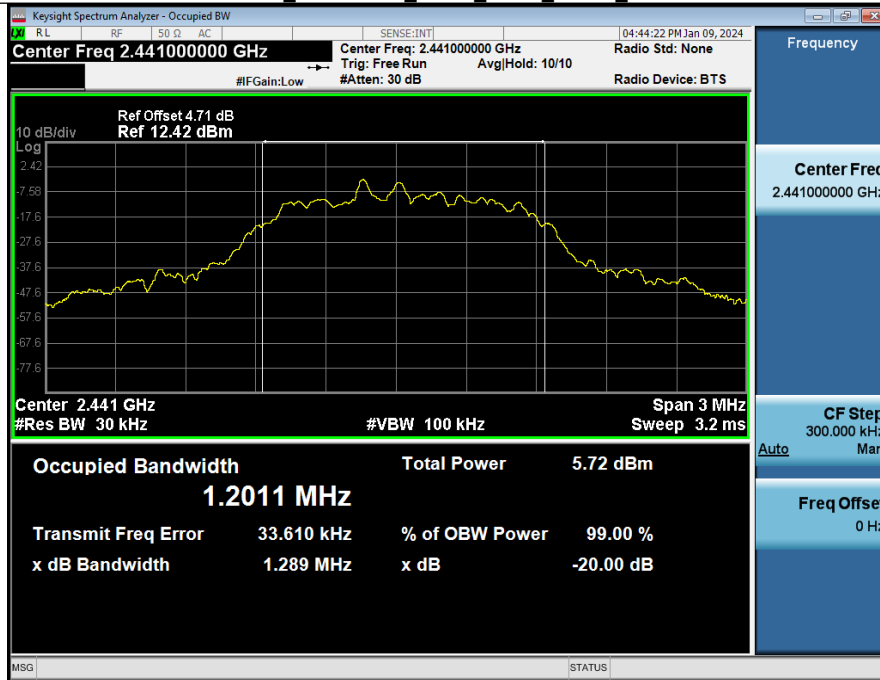
-20dB Bandwidth NVNT_ANT1_1-DH1_2480



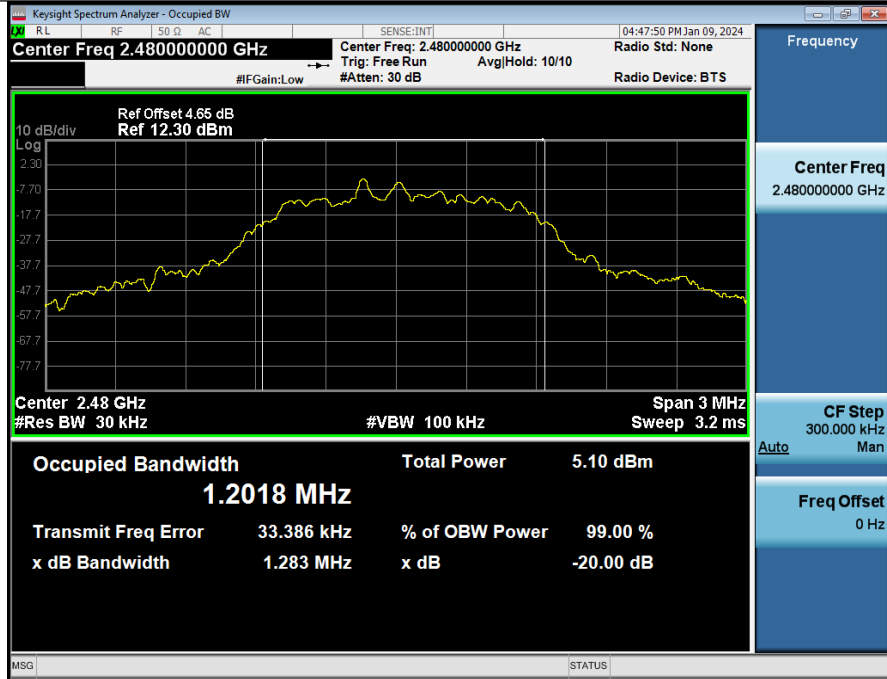
-20dB Bandwidth_NVNT_ANT1_2-DH1_2402



-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

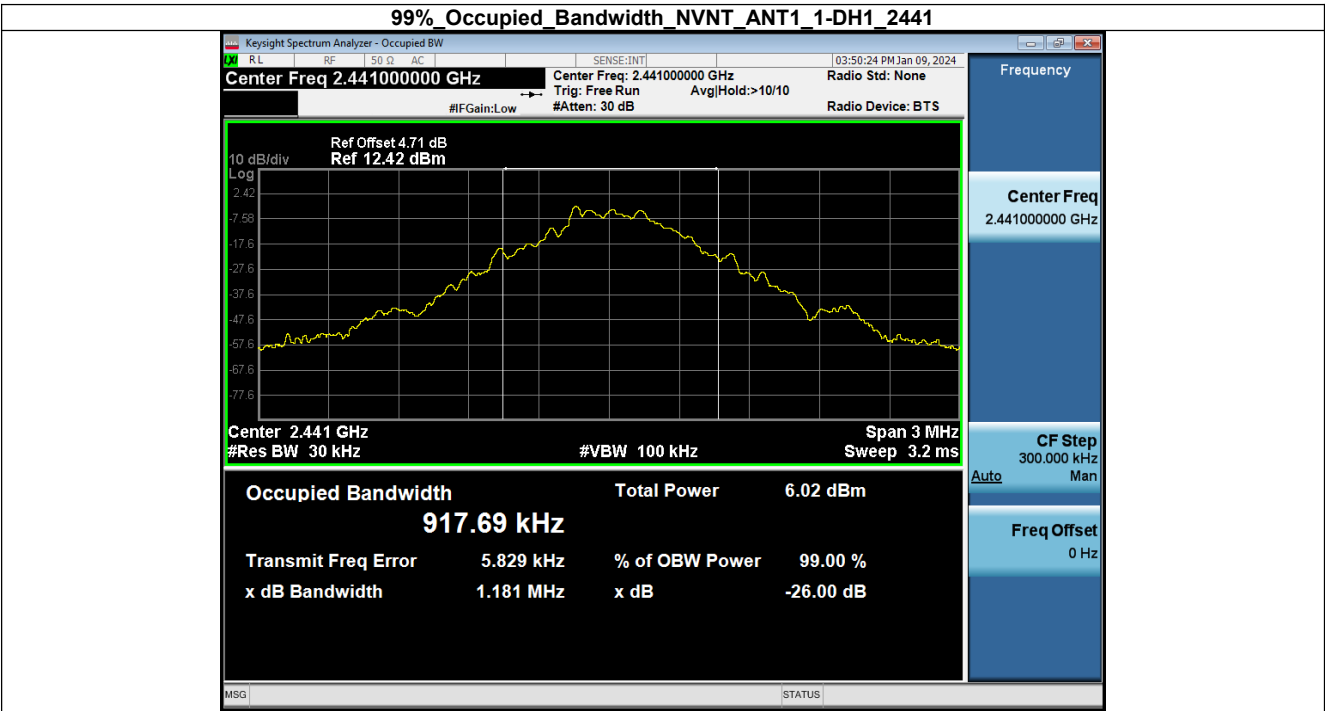
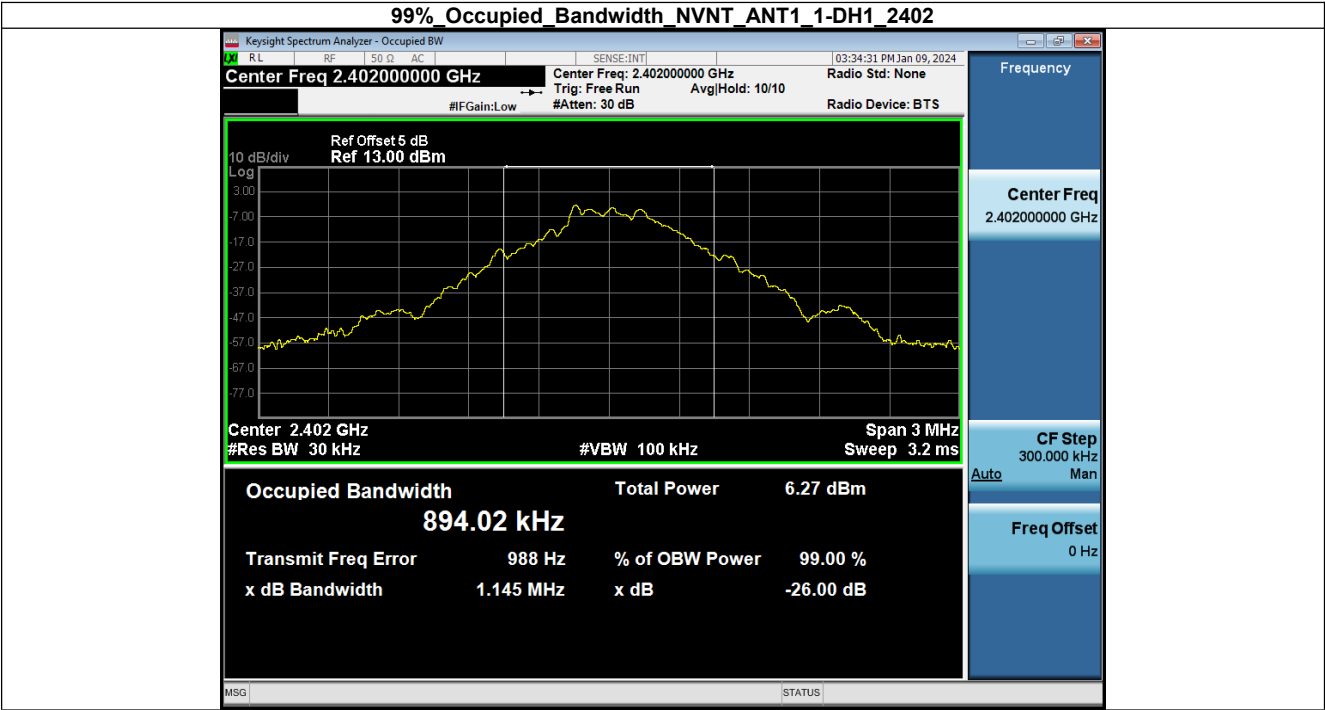


-20dB Bandwidth_NVNT_ANT1_3-DH1_2480



2. 99% Occupied Bandwidth

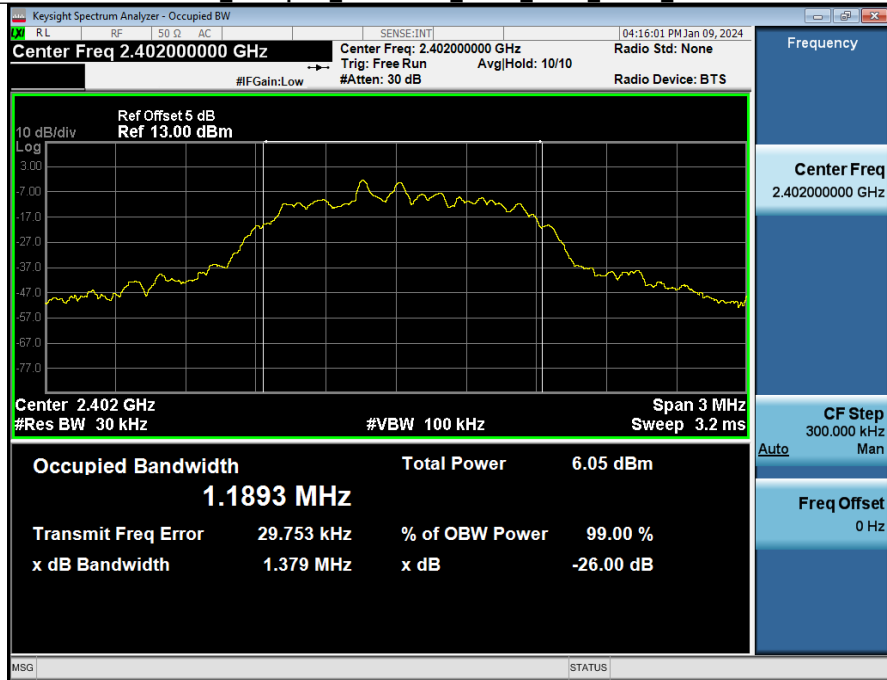
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.894
NVNT	ANT1	1-DH1	2441.00	0.918
NVNT	ANT1	1-DH1	2480.00	0.948
NVNT	ANT1	2-DH1	2402.00	1.189
NVNT	ANT1	2-DH1	2441.00	1.200
NVNT	ANT1	2-DH1	2480.00	1.202
NVNT	ANT1	3-DH1	2402.00	1.177
NVNT	ANT1	3-DH1	2441.00	1.182
NVNT	ANT1	3-DH1	2480.00	1.184



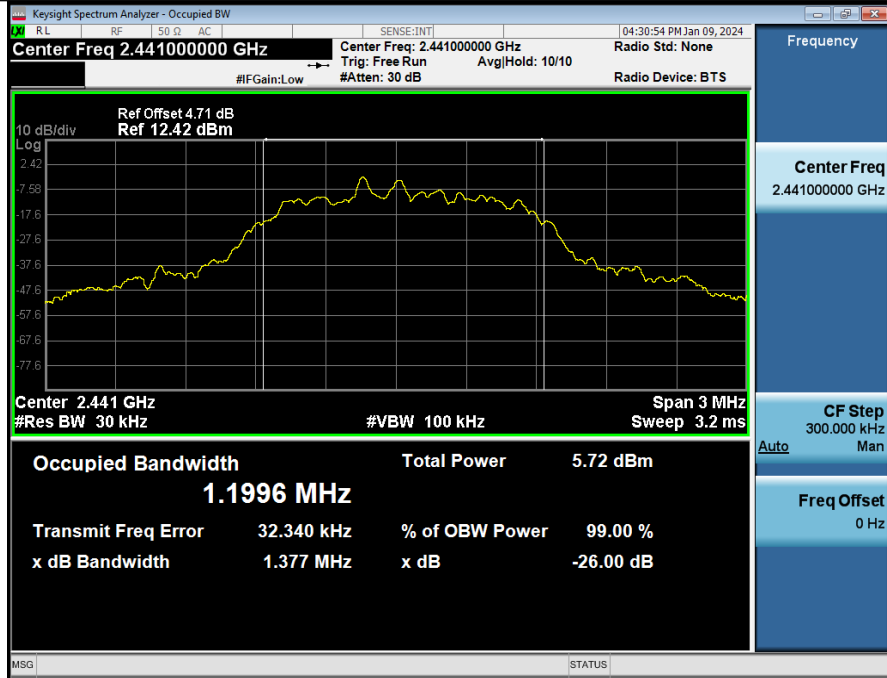
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480



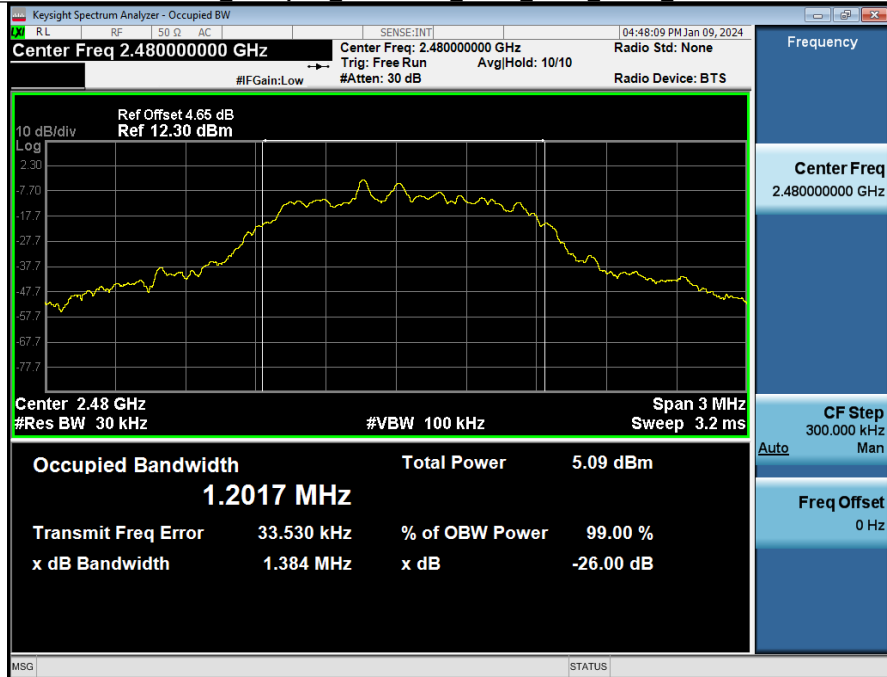
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402



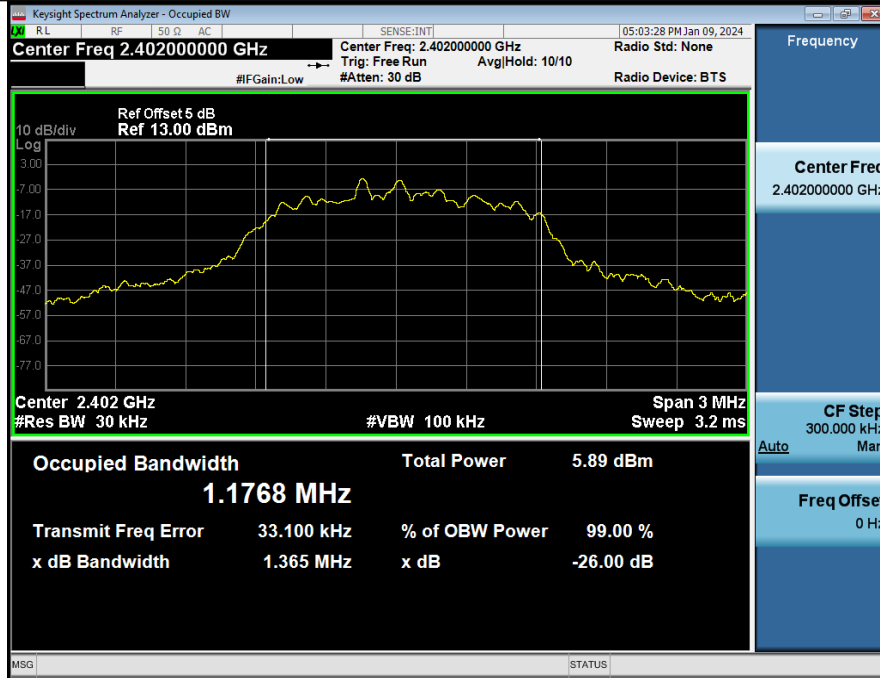
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2441



99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2480



99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2402



99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2441

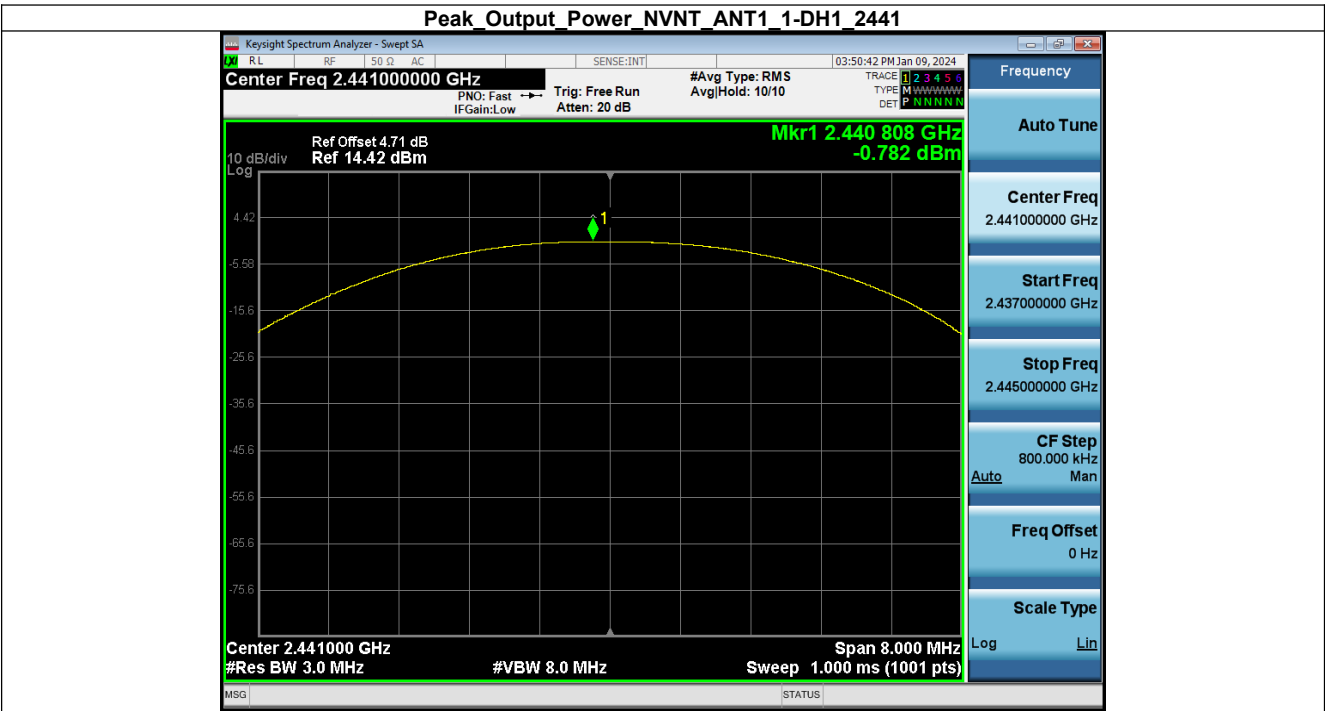
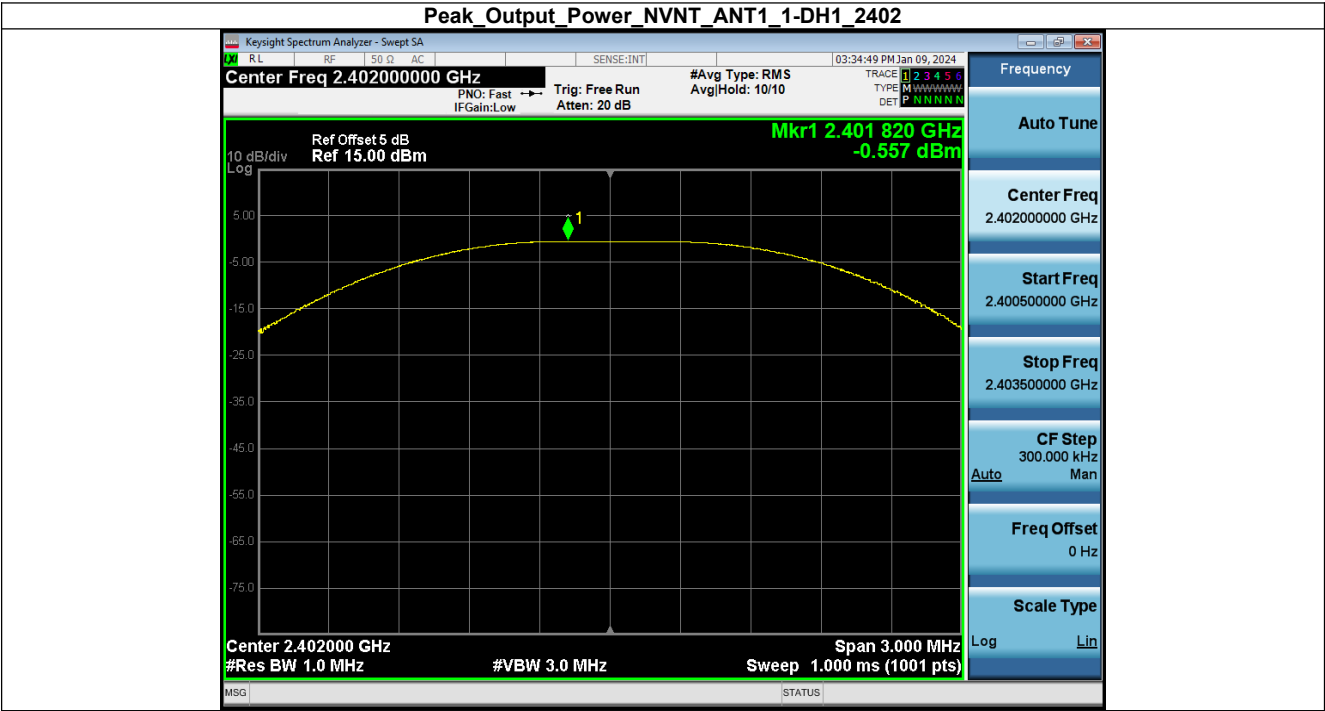


99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2480

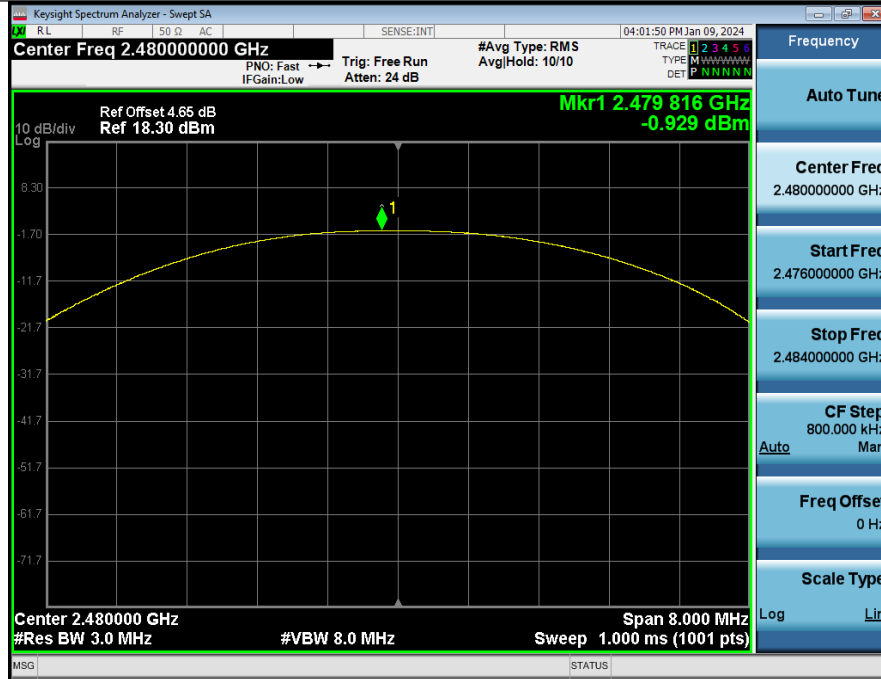


3. Peak Output Power

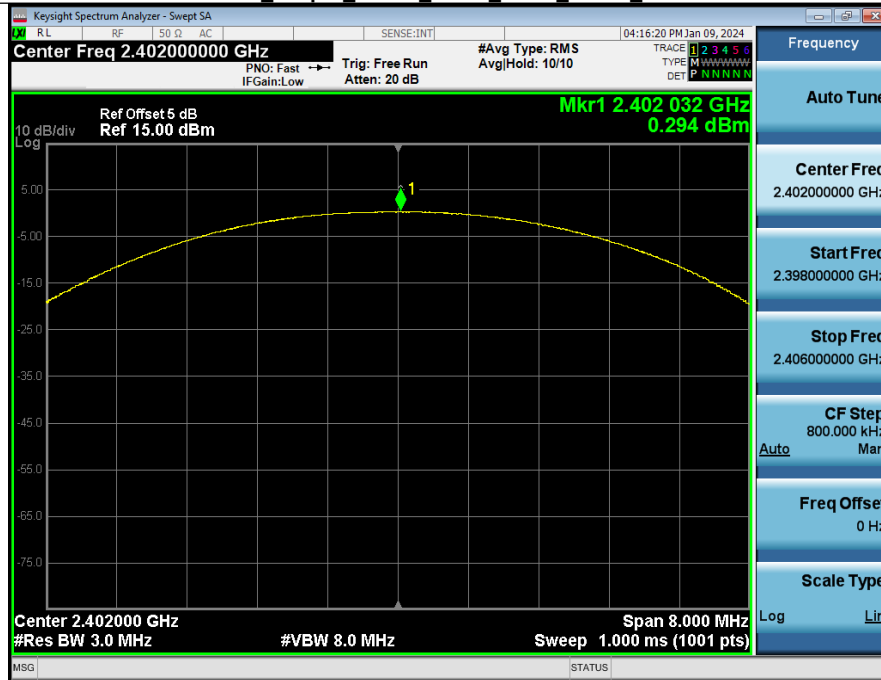
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-0.56	0.88	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-0.78	0.84	125	Pass
NVNT	ANT1	1-DH1	2480.00	-0.93	0.81	125	Pass
NVNT	ANT1	2-DH1	2402.00	0.29	1.07	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.04	0.99	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.58	0.88	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.85	1.22	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.53	1.13	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.03	0.99	125	Pass



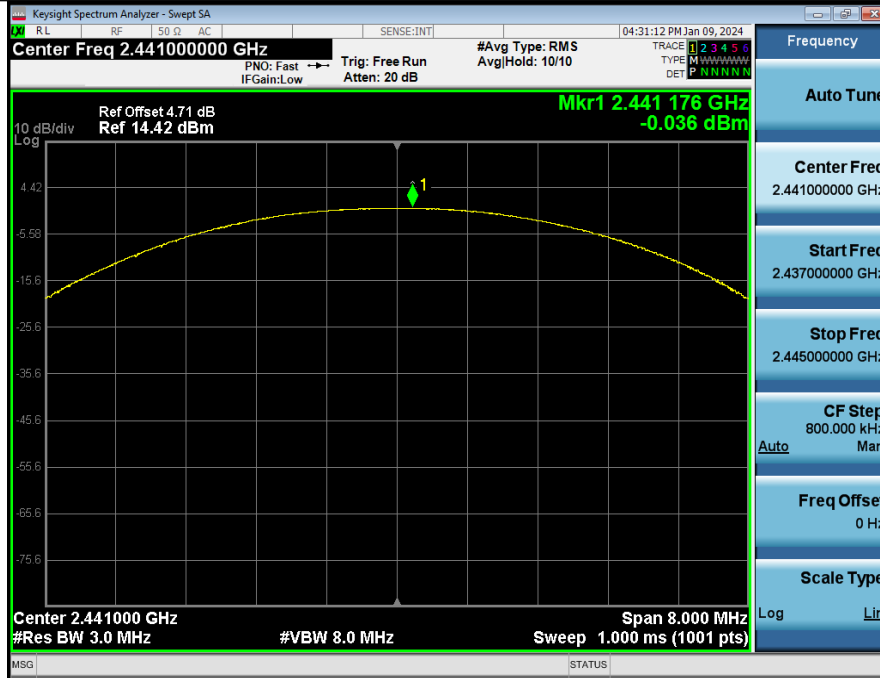
Peak_Output_Power_NVNT_ANT1_1-DH1_2480



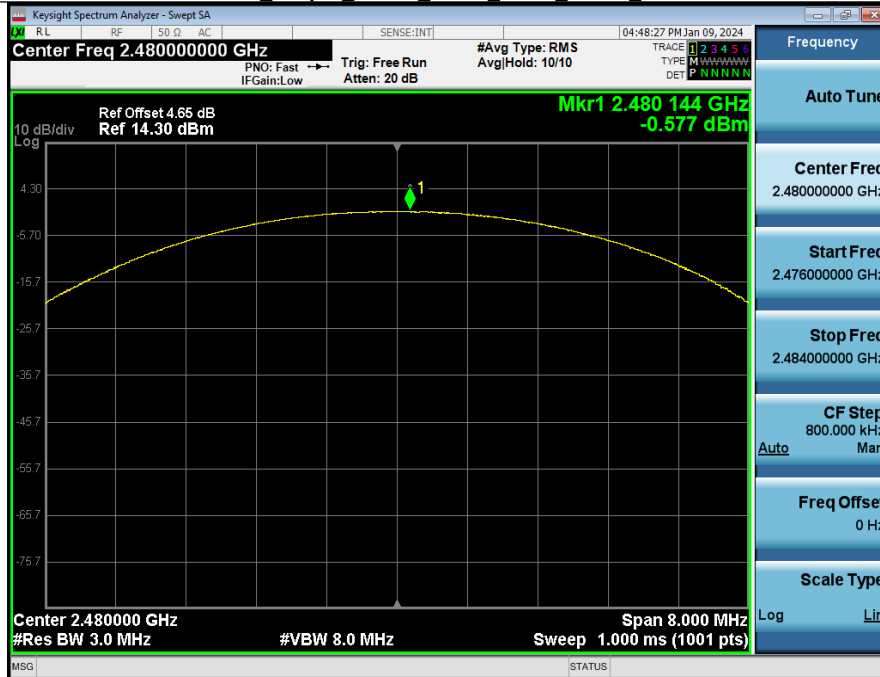
Peak_Output_Power_NVNT_ANT1_2-DH1_2402



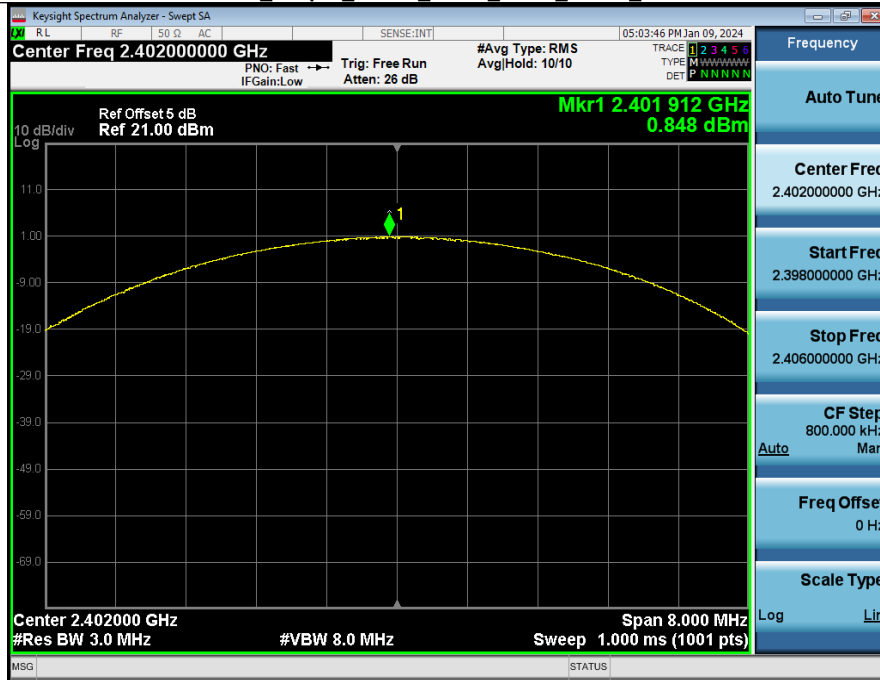
Peak Output Power_NVNT_ANT1_2-DH1_2441



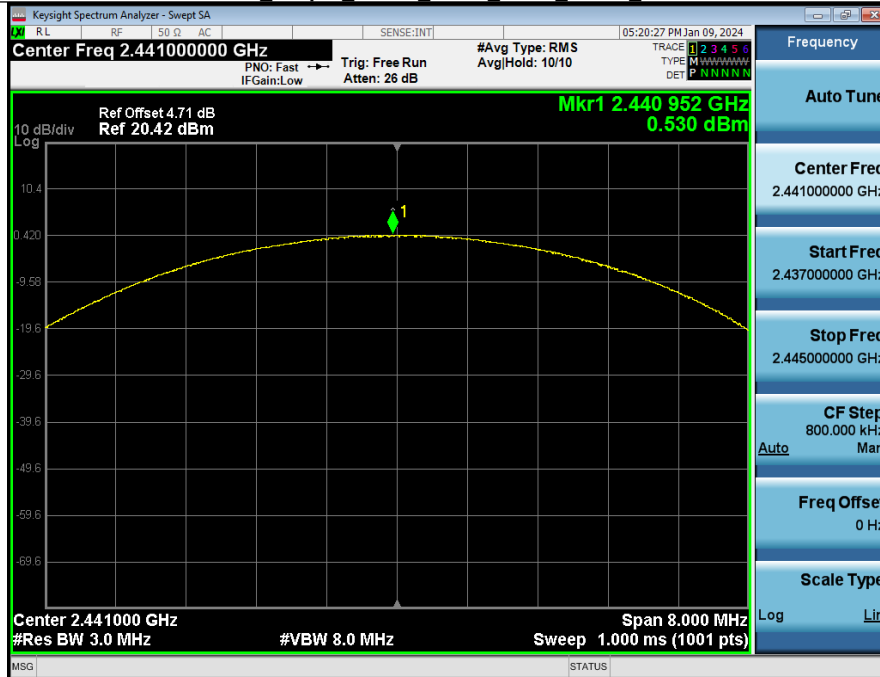
Peak Output Power_NVNT_ANT1_2-DH1_2480



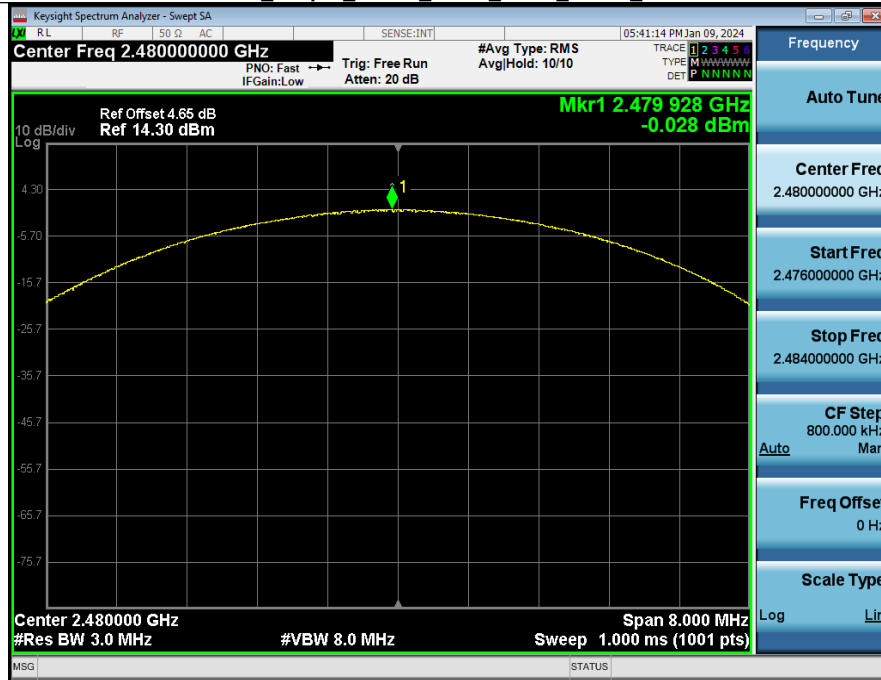
Peak Output Power_NVNT_ANT1_3-DH1_2402



Peak Output Power_NVNT_ANT1_3-DH1_2441



Peak_Output_Power_NVNT_ANT1_3-DH1_2480



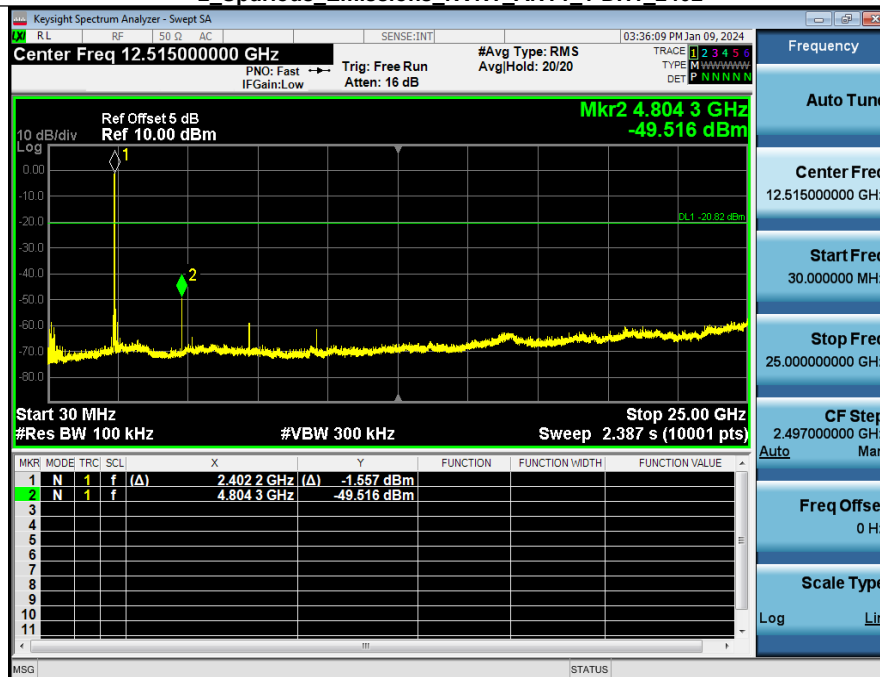
4. Spurious Emissions

Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-49.516	-20.824	Pass
NVNT	ANT1	1-DH1	2441.00	-46.421	-21.139	Pass
NVNT	ANT1	1-DH1	2480.00	-46.326	-21.305	Pass
NVNT	ANT1	2-DH1	2402.00	-48.275	-20.804	Pass
NVNT	ANT1	2-DH1	2441.00	-46.260	-21.166	Pass
NVNT	ANT1	2-DH1	2480.00	-46.194	-21.304	Pass
NVNT	ANT1	3-DH1	2402.00	-47.508	-20.769	Pass
NVNT	ANT1	3-DH1	2441.00	-48.744	-21.113	Pass
NVNT	ANT1	3-DH1	2480.00	-45.060	-21.301	Pass

1 Reference Level NVNT ANT1 1-DH1 2402



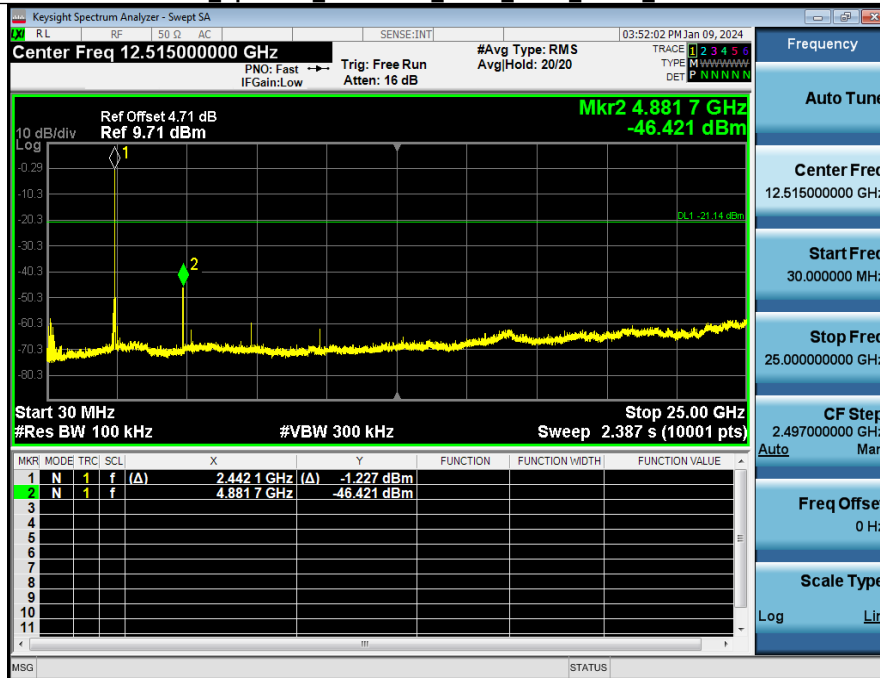
2 Spurious Emissions NVNT ANT1 1-DH1 2402



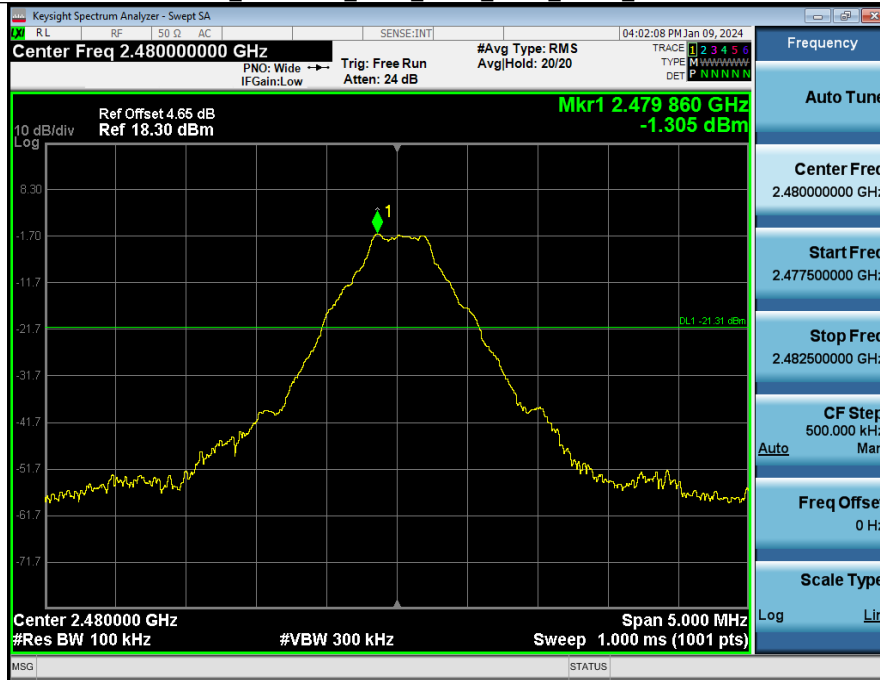
1 Reference Level NVNT_ANT1_1-DH1_2441



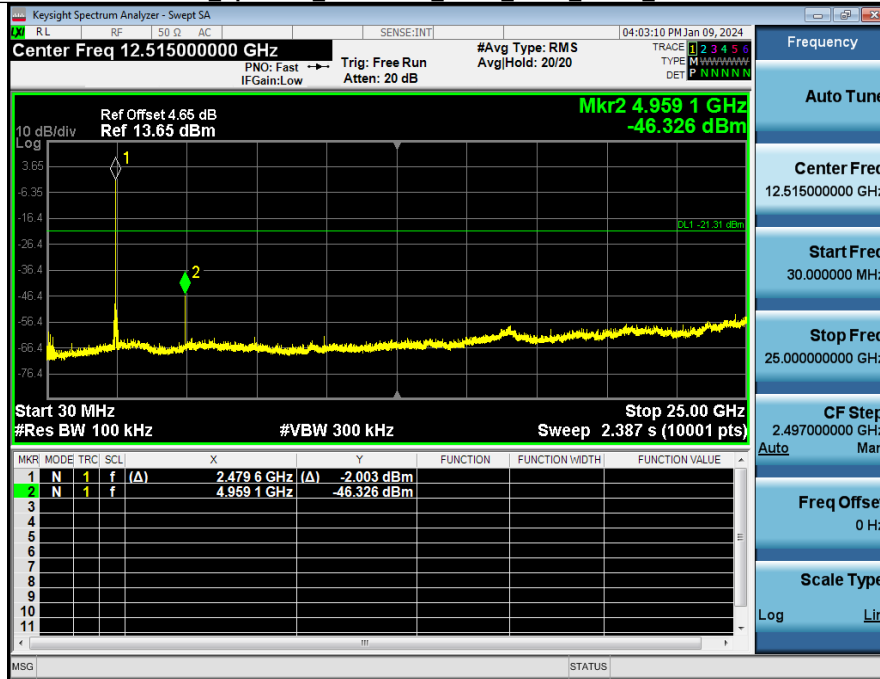
2 Spurious Emissions NVNT_ANT1_1-DH1_2441



1 Reference Level NVNT_ANT1_1-DH1_2480



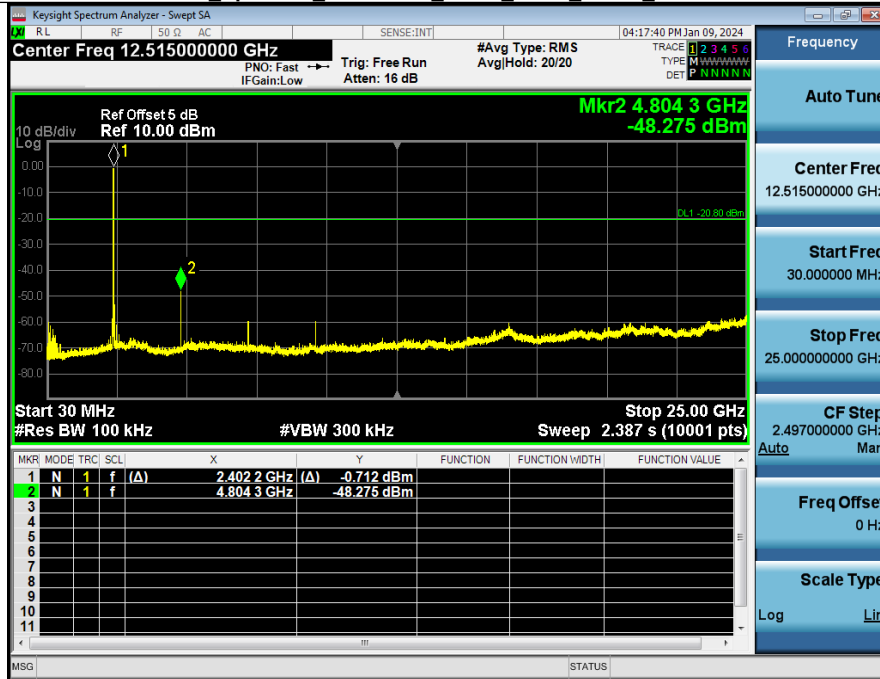
2 Spurious Emissions NVNT_ANT1_1-DH1_2480



1 Reference Level NVNT_ANT1_2-DH1_2402



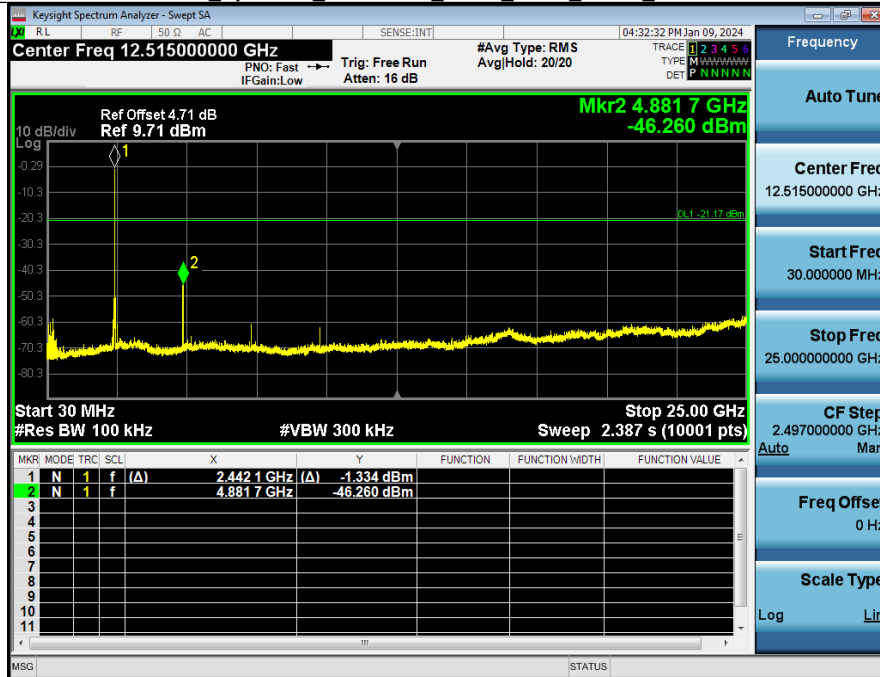
2 Spurious Emissions NVNT_ANT1_2-DH1_2402



1 Reference Level NVNT_ANT1_2-DH1_2441



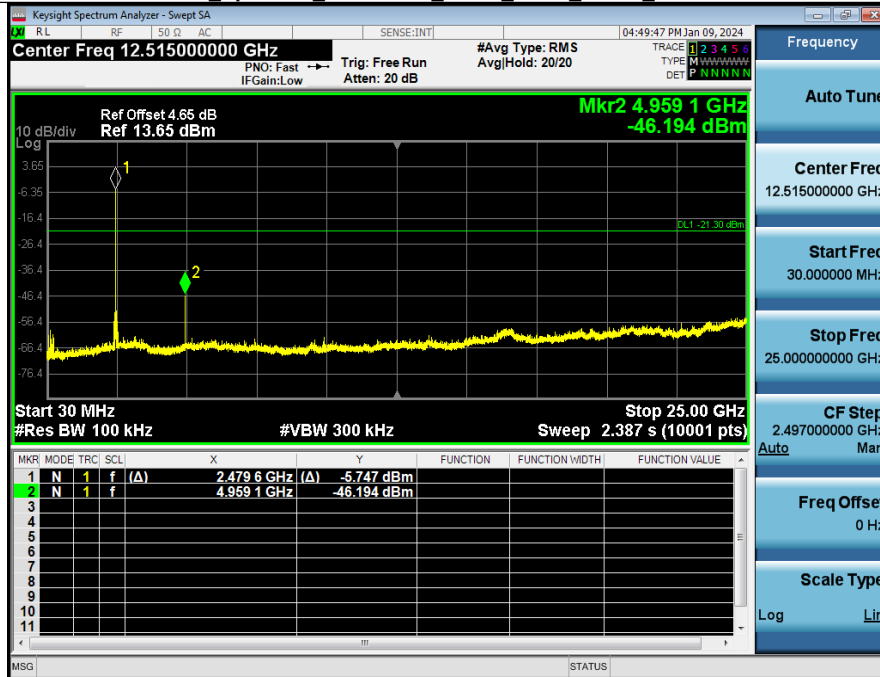
2 Spurious Emissions NVNT_ANT1_2-DH1_2441



1 Reference Level NVNT_ANT1_2-DH1_2480



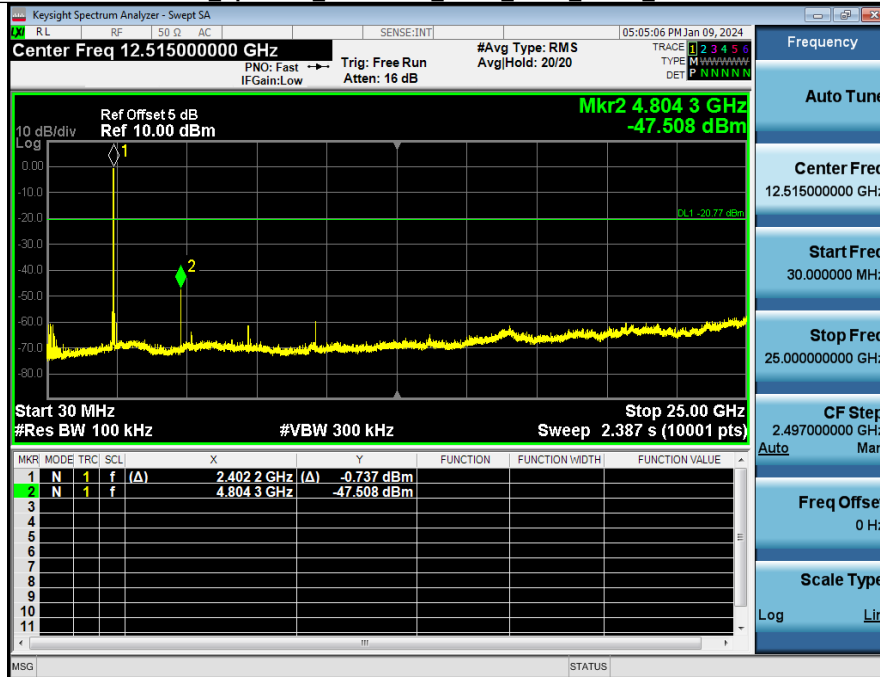
2 Spurious Emissions NVNT_ANT1_2-DH1_2480



1 Reference Level NVNT_ANT1_3-DH1_2402



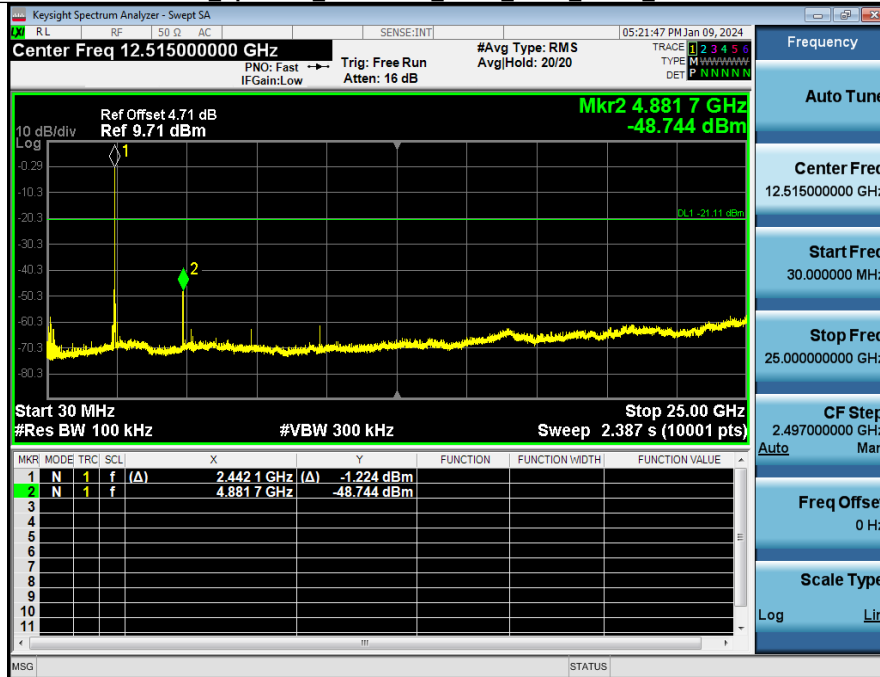
2 Spurious Emissions NVNT_ANT1_3-DH1_2402



1 Reference Level NVNT_ANT1_3-DH1_2441



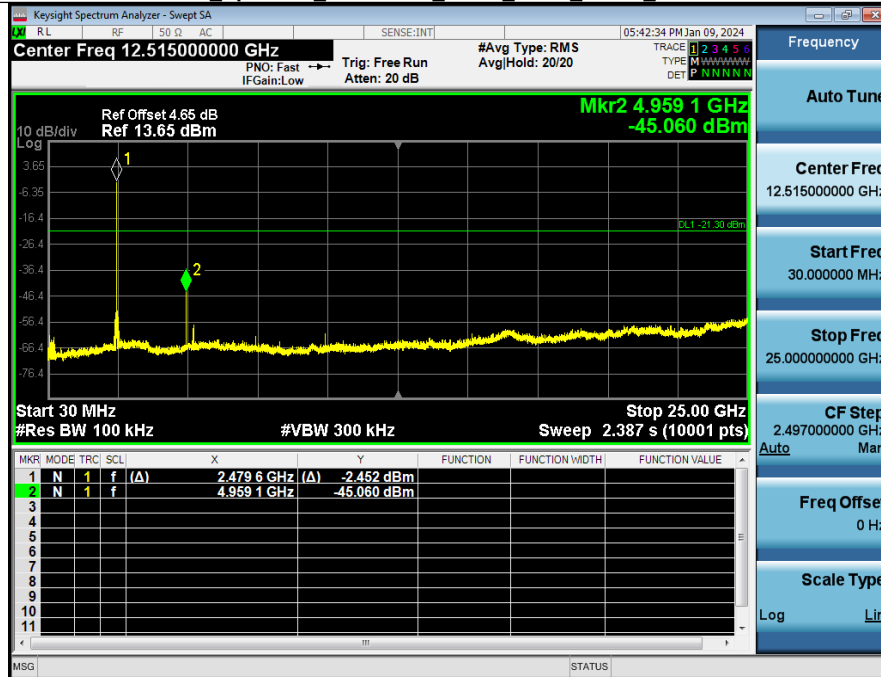
2 Spurious Emissions NVNT_ANT1_3-DH1_2441



1 Reference Level NVNT_ANT1_3-DH1_2480

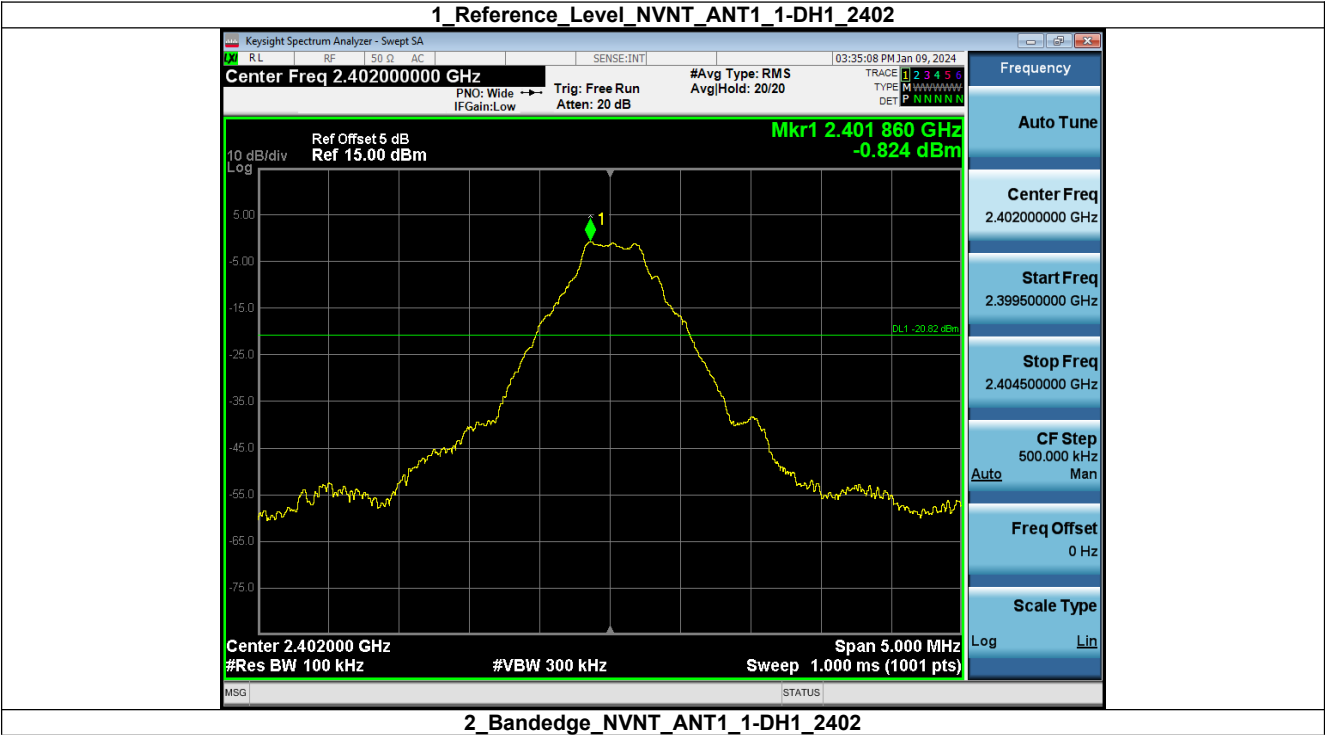


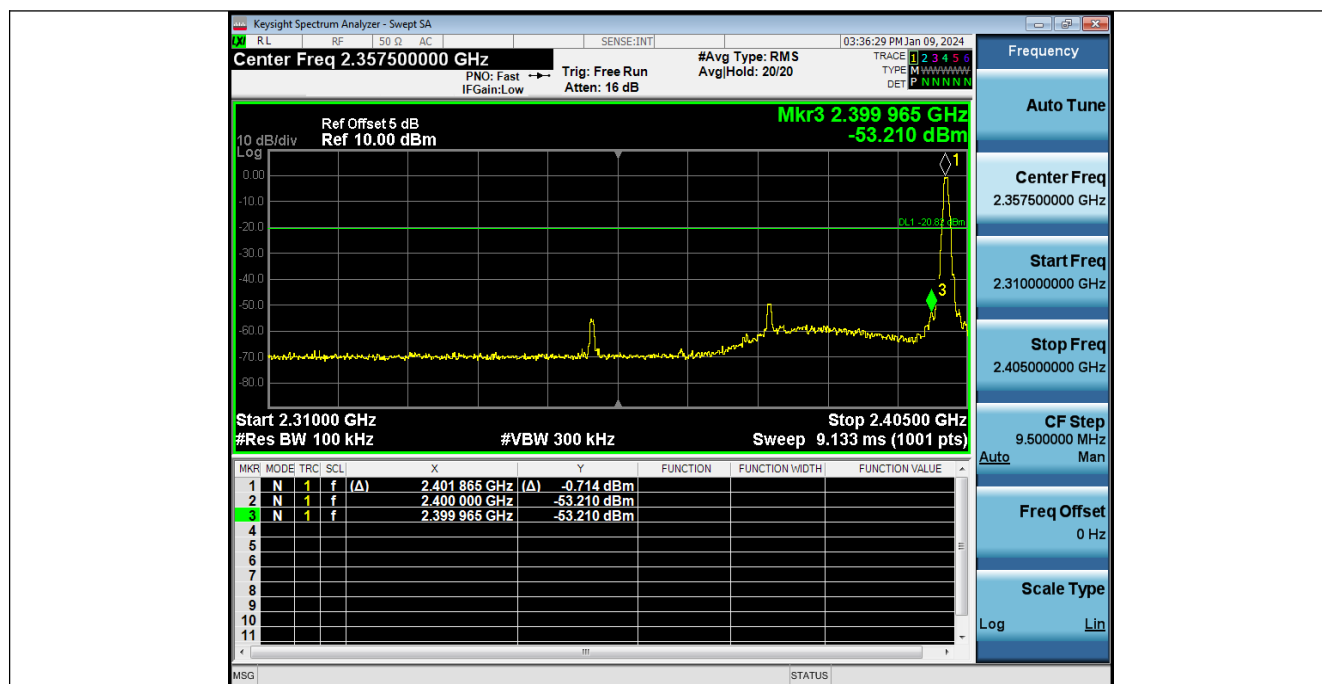
2 Spurious Emissions NVNT_ANT1_3-DH1_2480



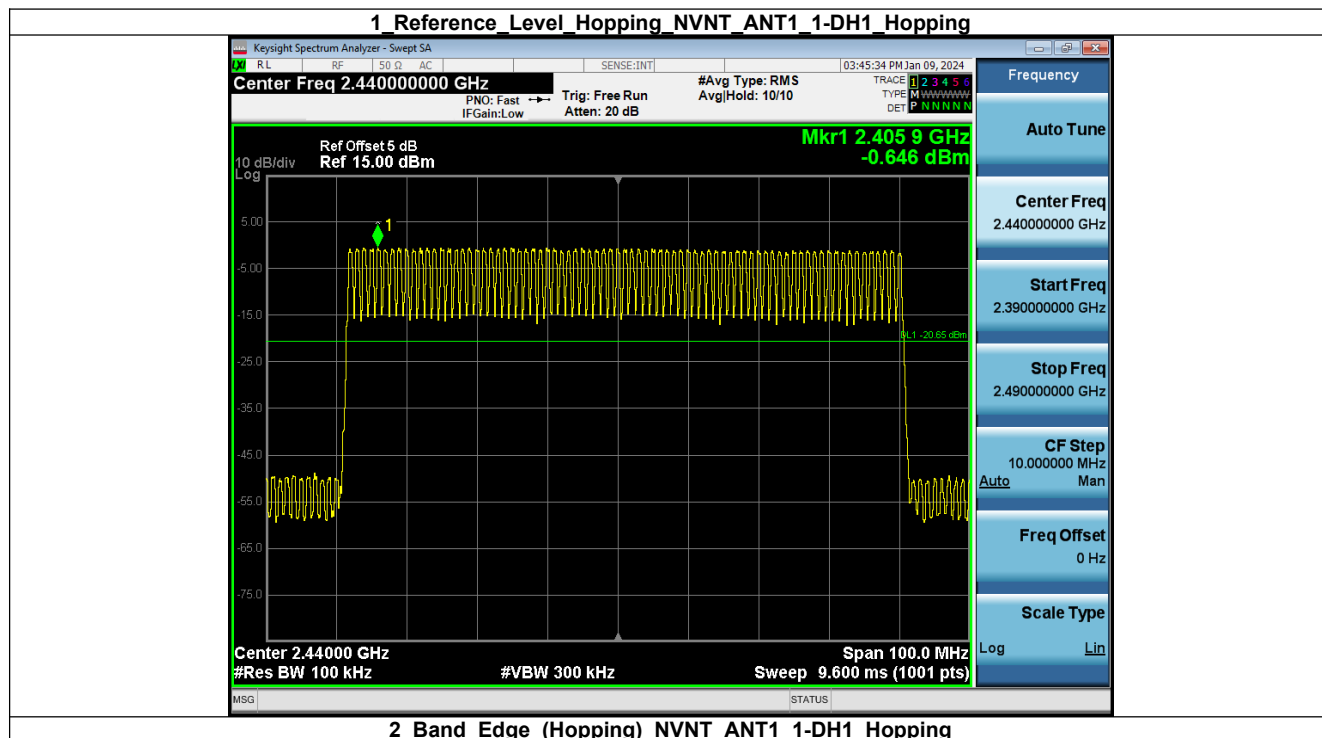
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-53.210	-20.824	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-49.326	-20.646	Pass
NVNT	ANT1	1-DH1	2480.00	-57.349	-21.305	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-49.977	-21.008	Pass
NVNT	ANT1	2-DH1	2402.00	-52.249	-20.804	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-49.463	-20.619	Pass
NVNT	ANT1	2-DH1	2480.00	-56.884	-21.304	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-50.094	-20.946	Pass
NVNT	ANT1	3-DH1	2402.00	-53.068	-20.769	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-49.547	-20.612	Pass
NVNT	ANT1	3-DH1	2480.00	-56.745	-21.301	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-50.246	-21.009	Pass

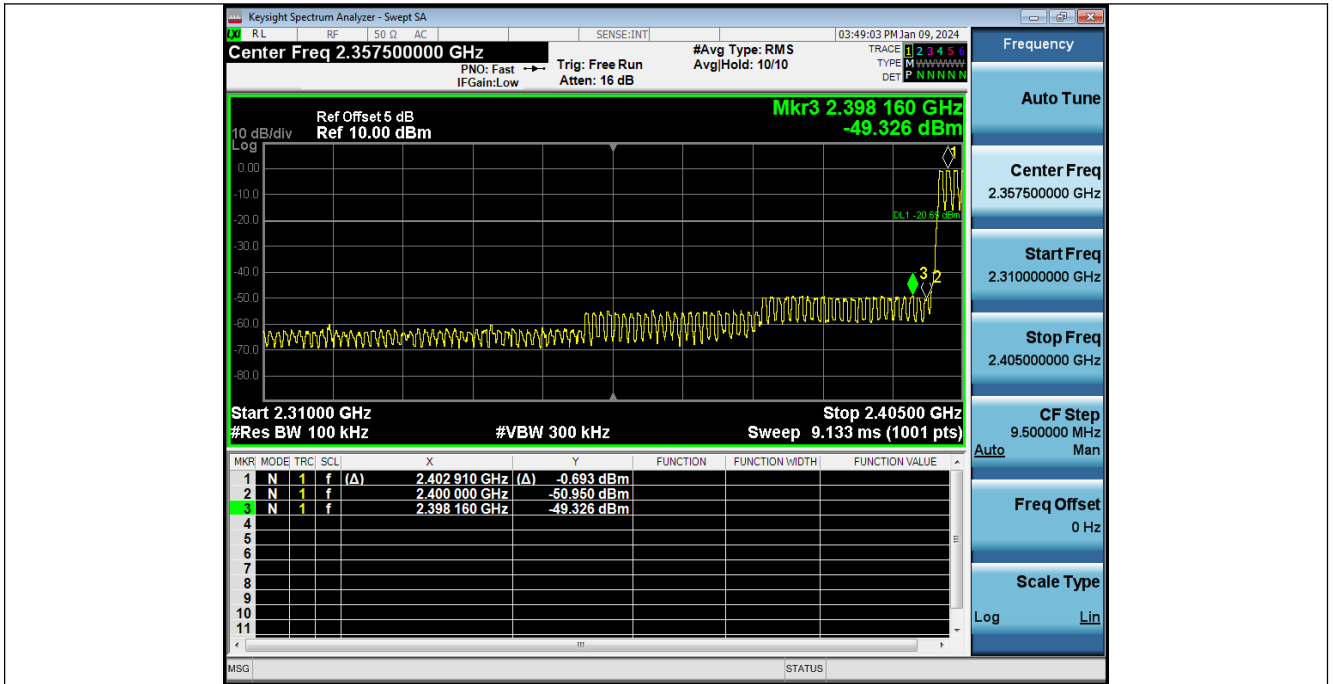




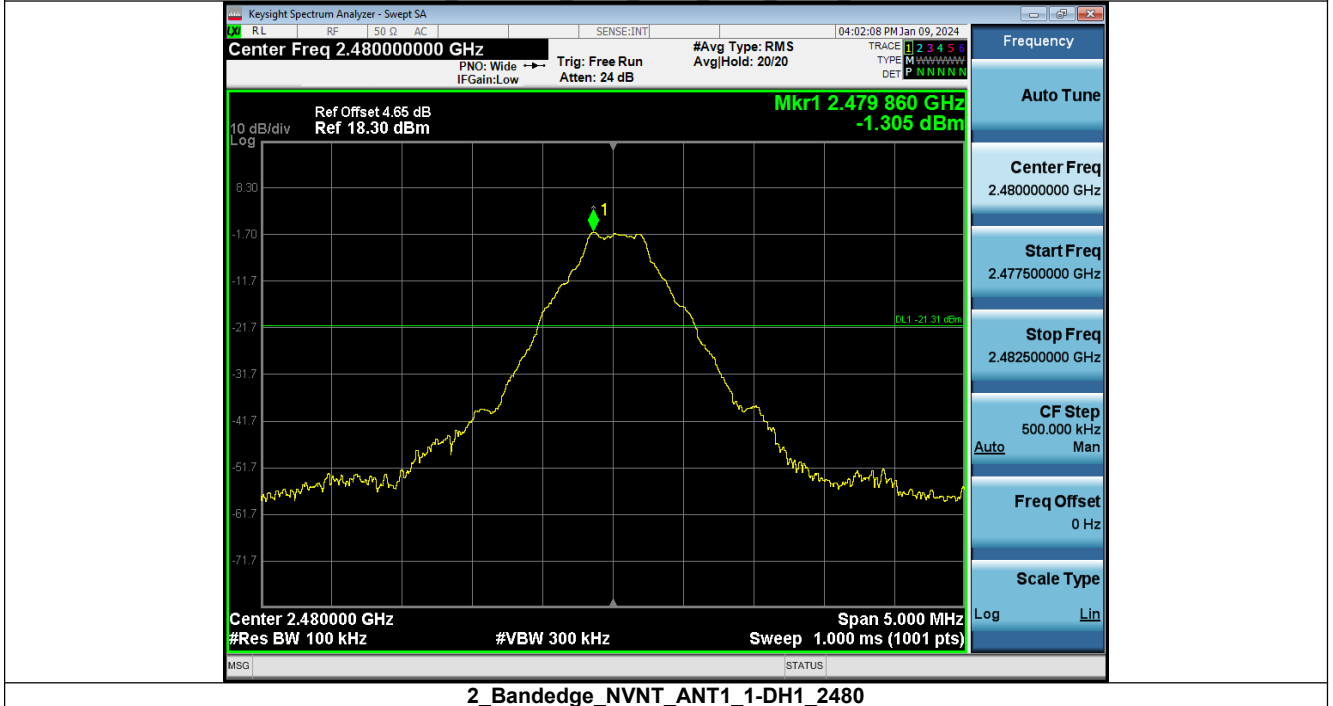
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



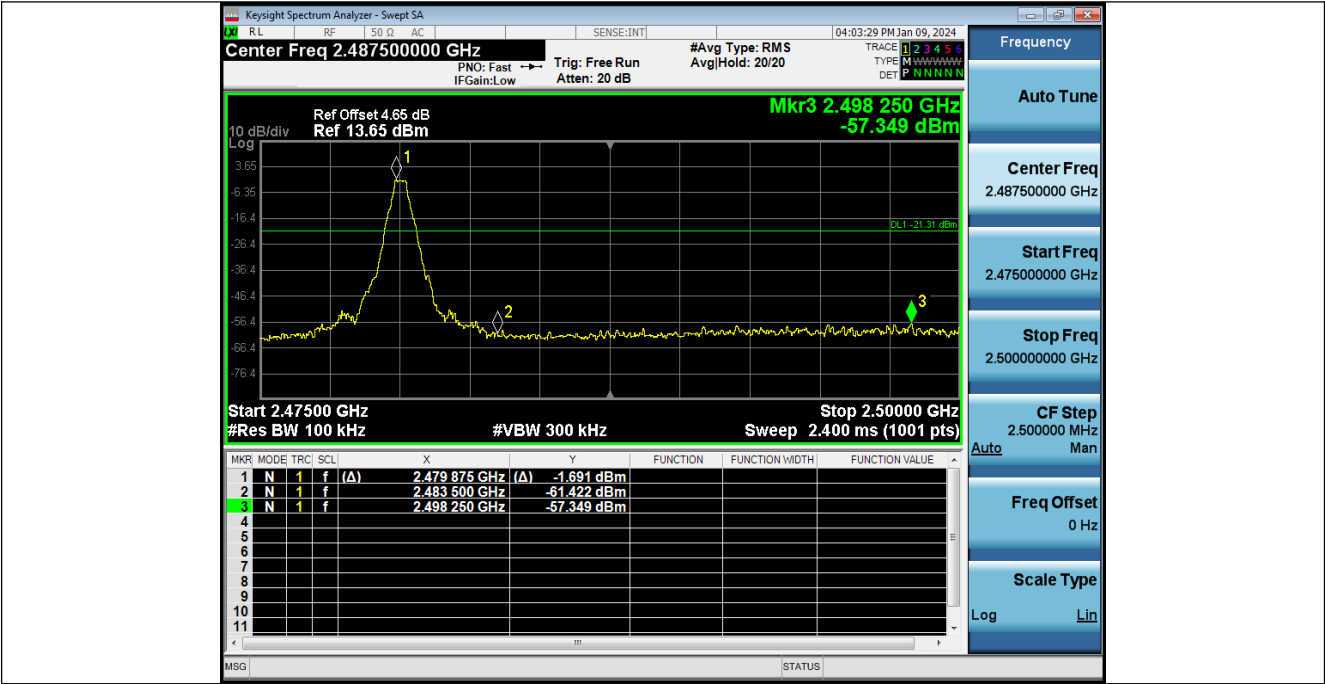
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



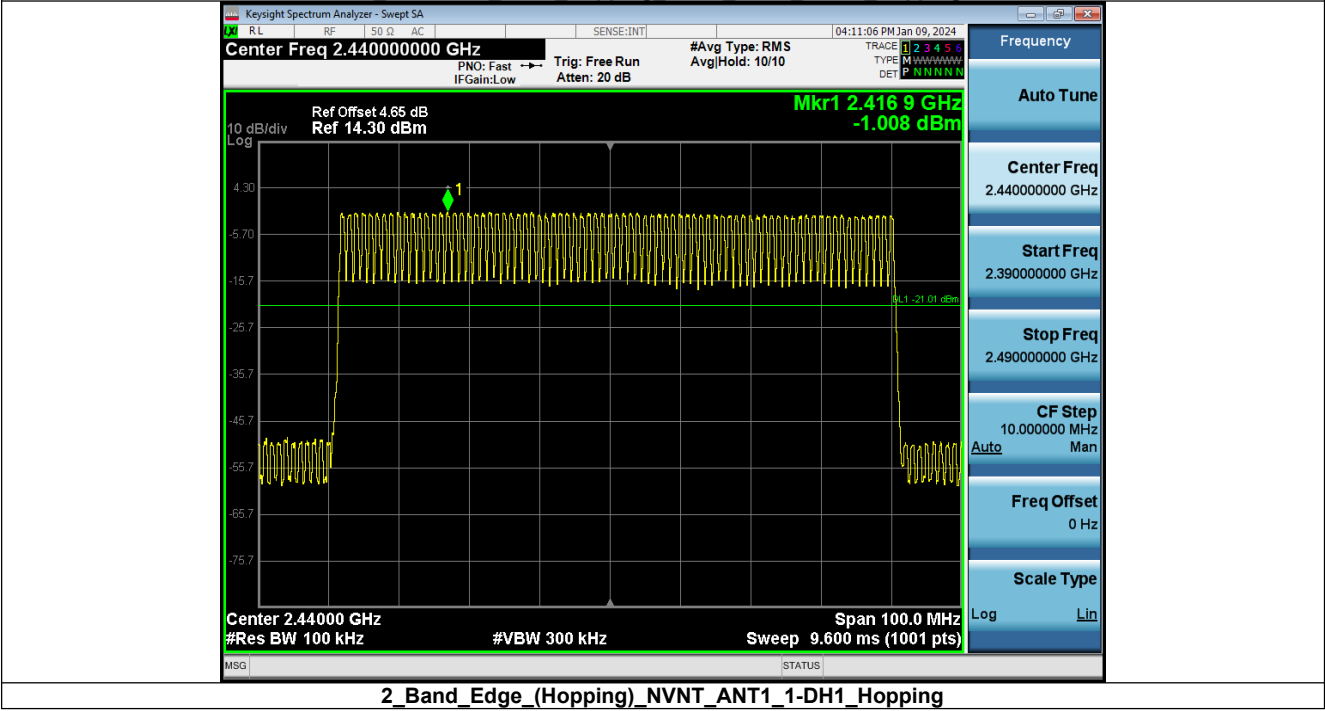
1_Reference_Level_NVNT_ANT1_1-DH1_2480



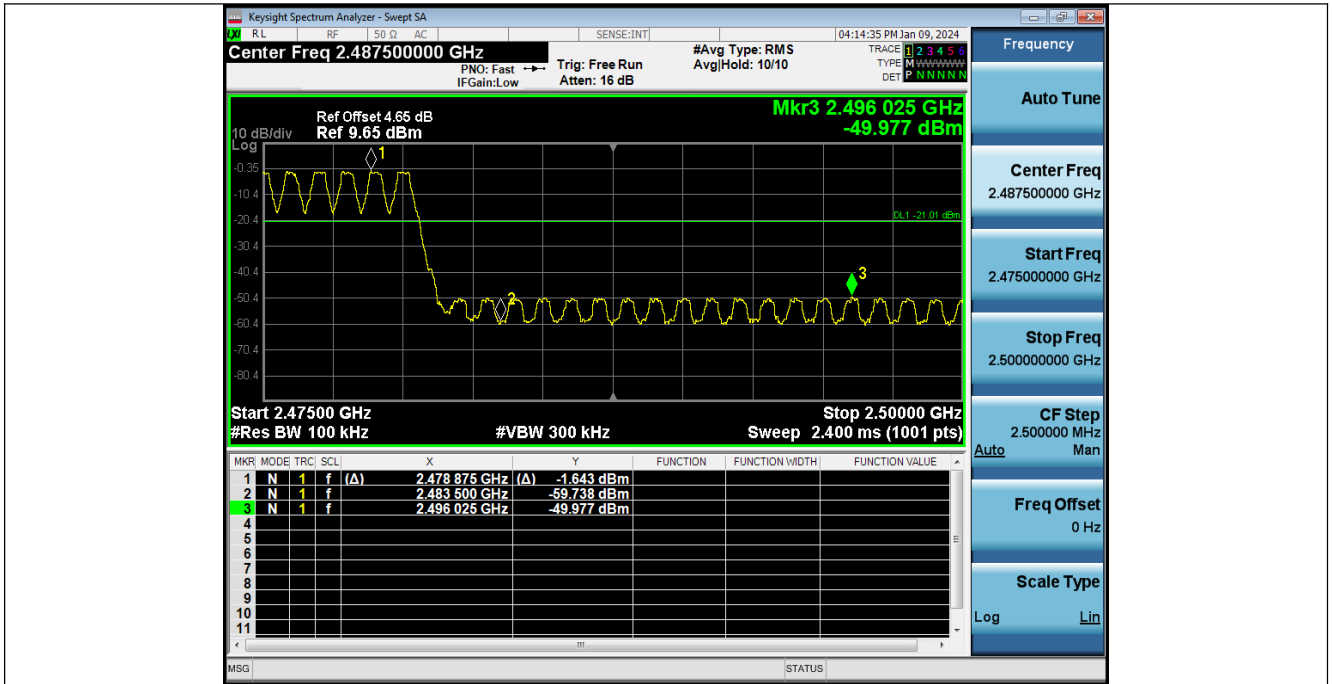
2_Bandedge_NVNT_ANT1_1-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



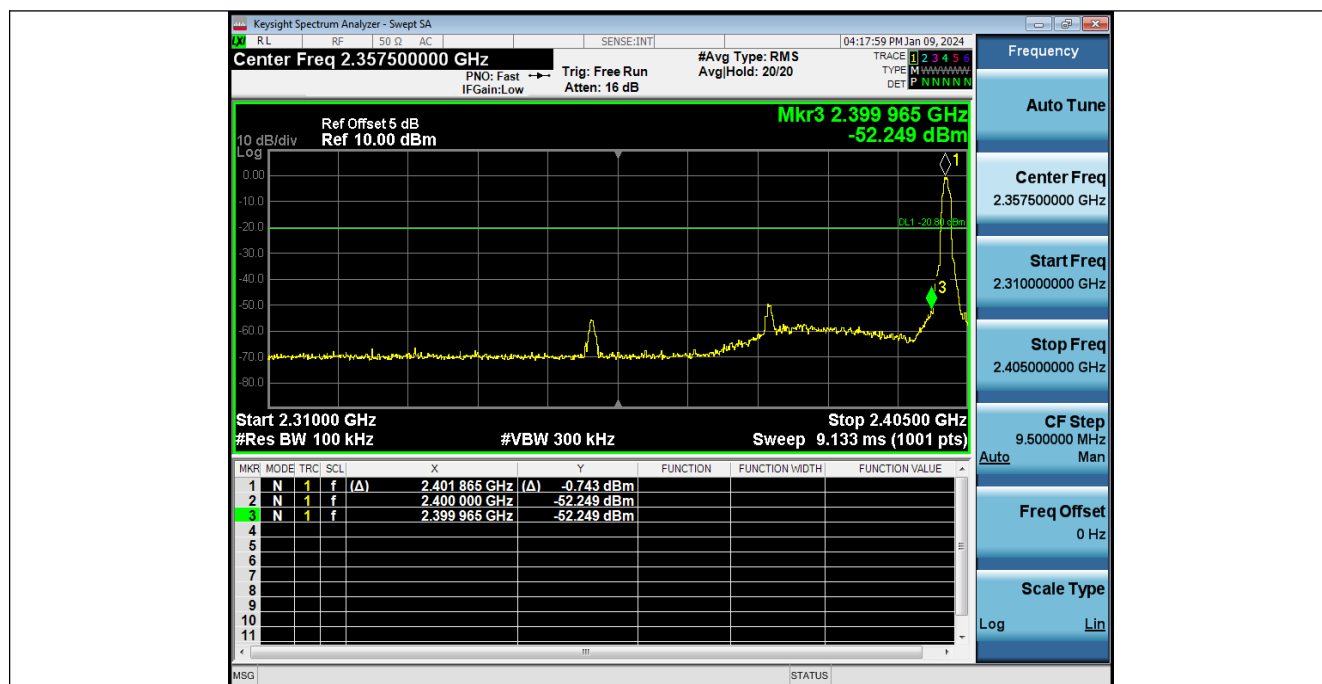
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



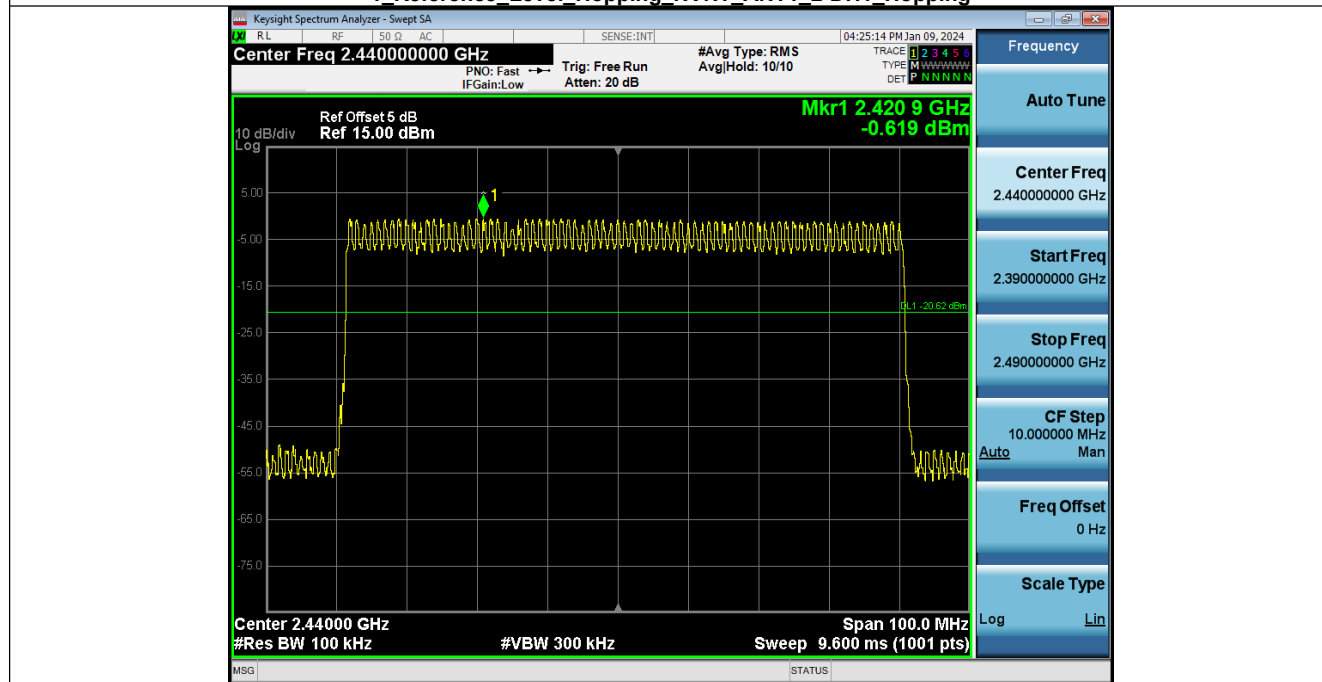
1 Reference_Level_NVNT_ANT1_2-DH1_2402



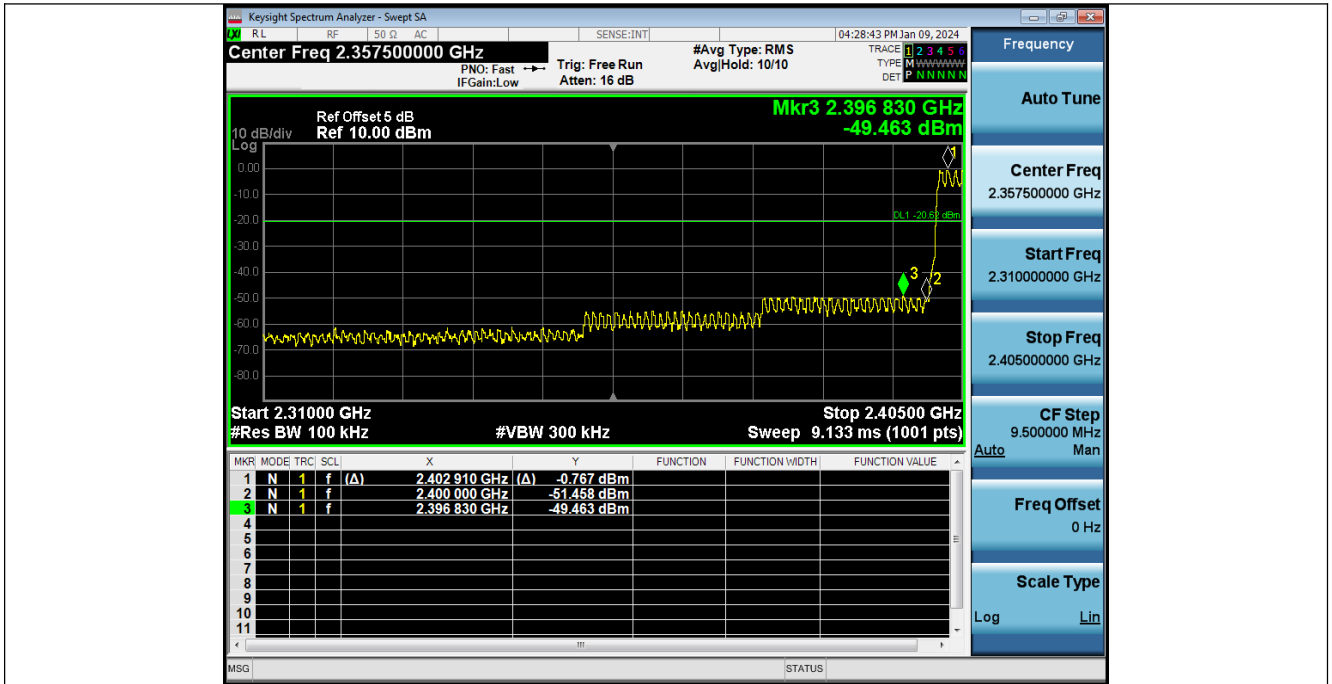
2_Bandedge_NVNT_ANT1_2-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



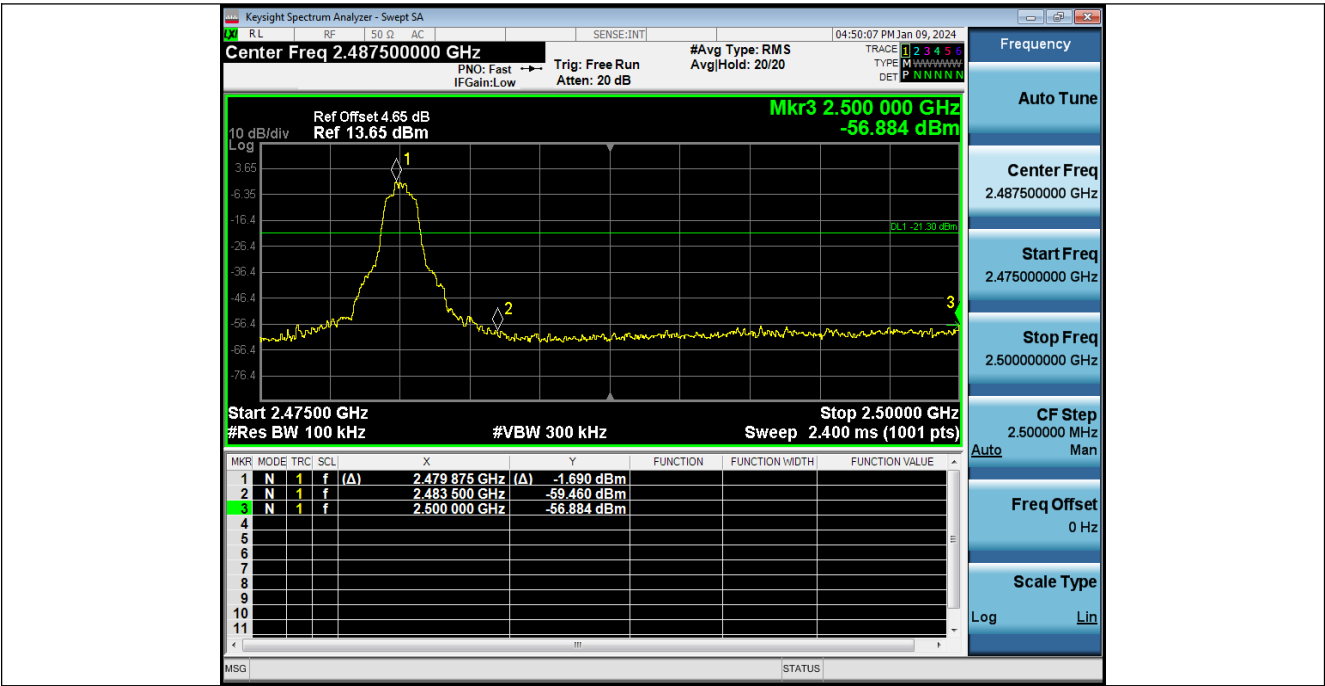
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



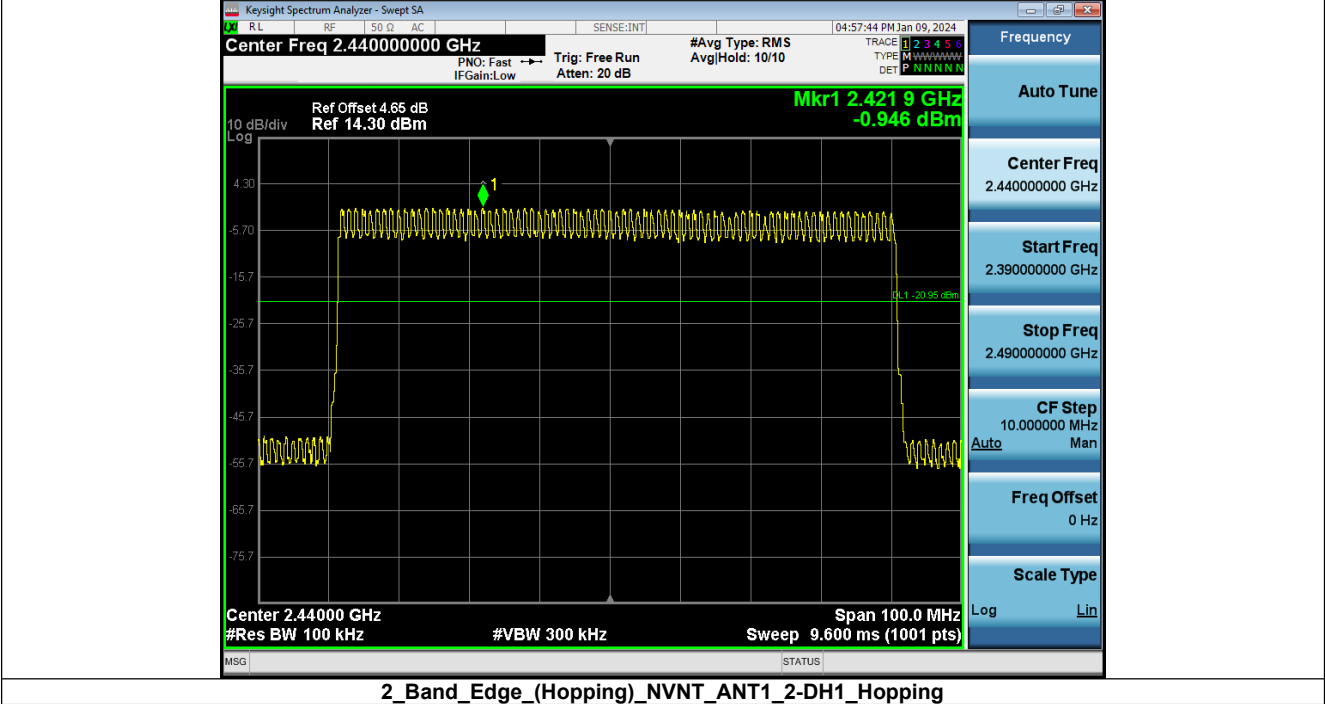
1 Reference_Level_NVNT_ANT1_2-DH1_2480



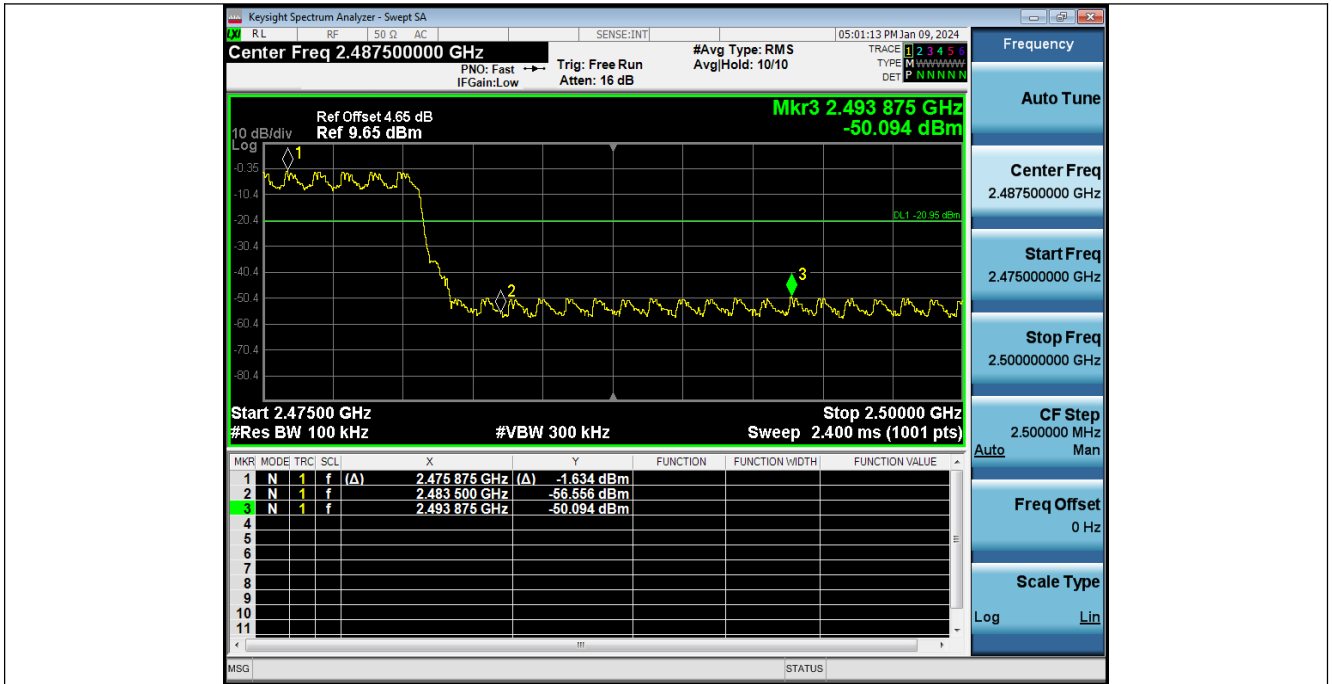
2_Bandedge_NVNT_ANT1_2-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



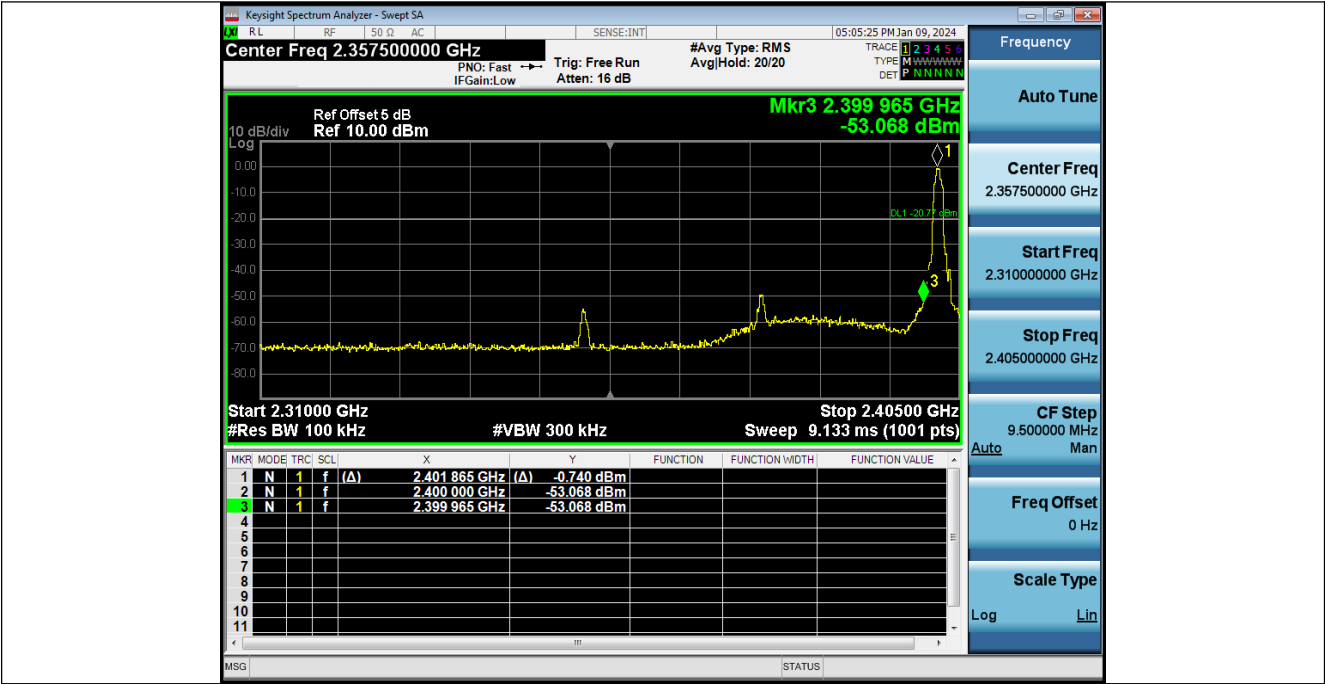
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



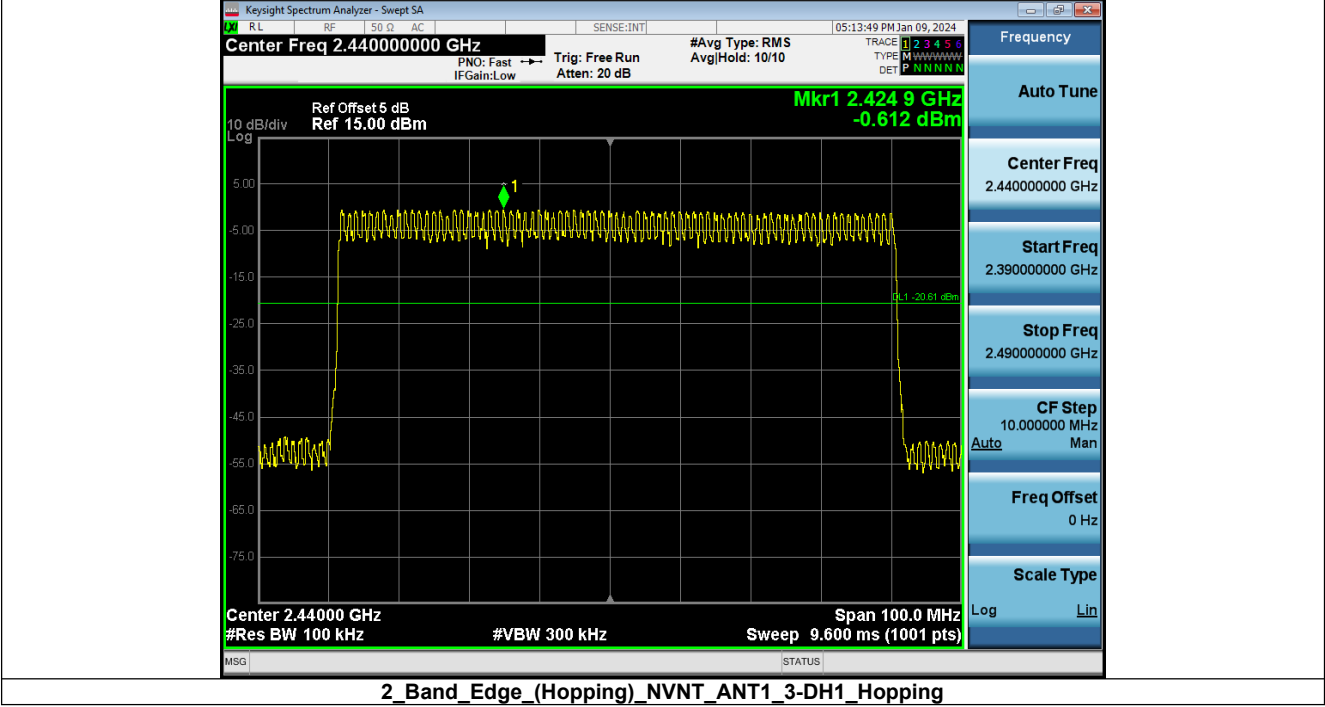
1_Reference_Level_NVNT_ANT1_3-DH1_2402

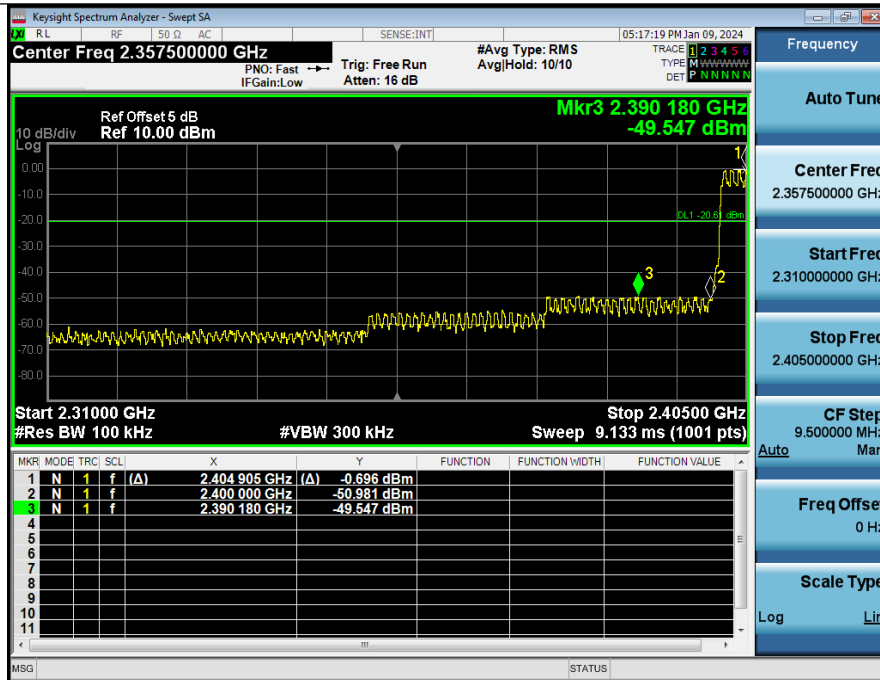


2_Bandedge_NVNT_ANT1_3-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

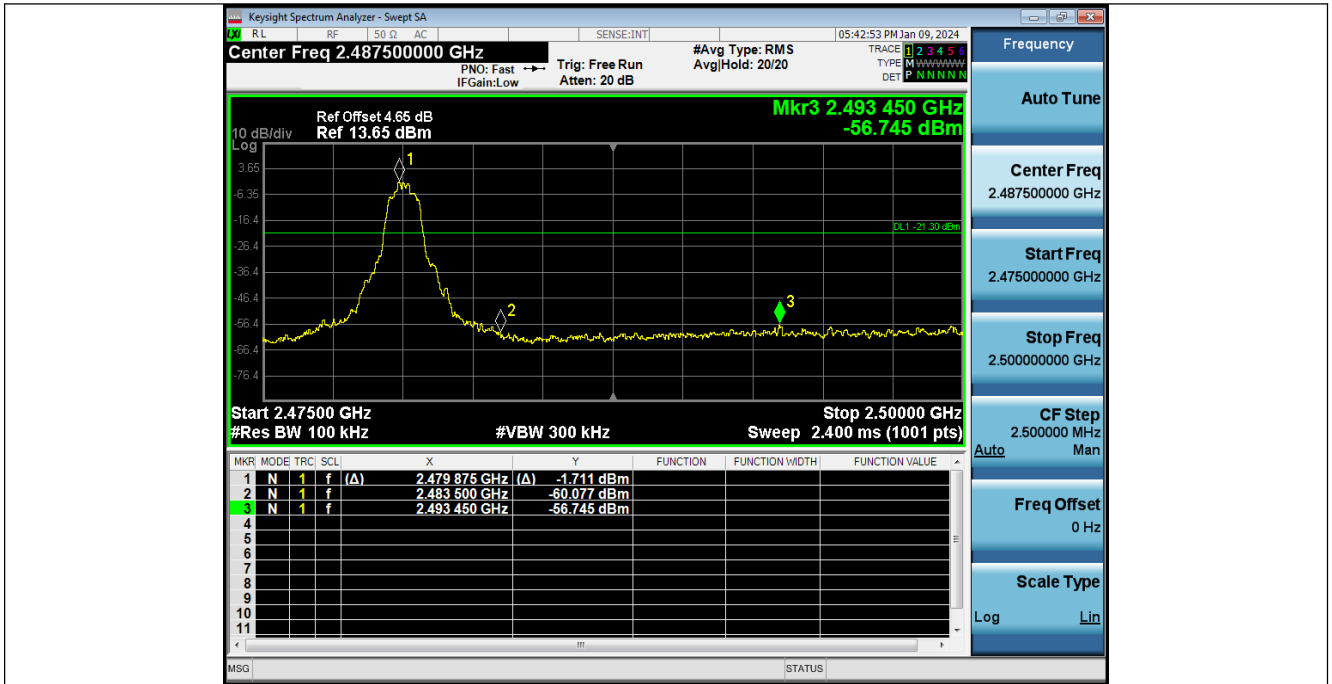




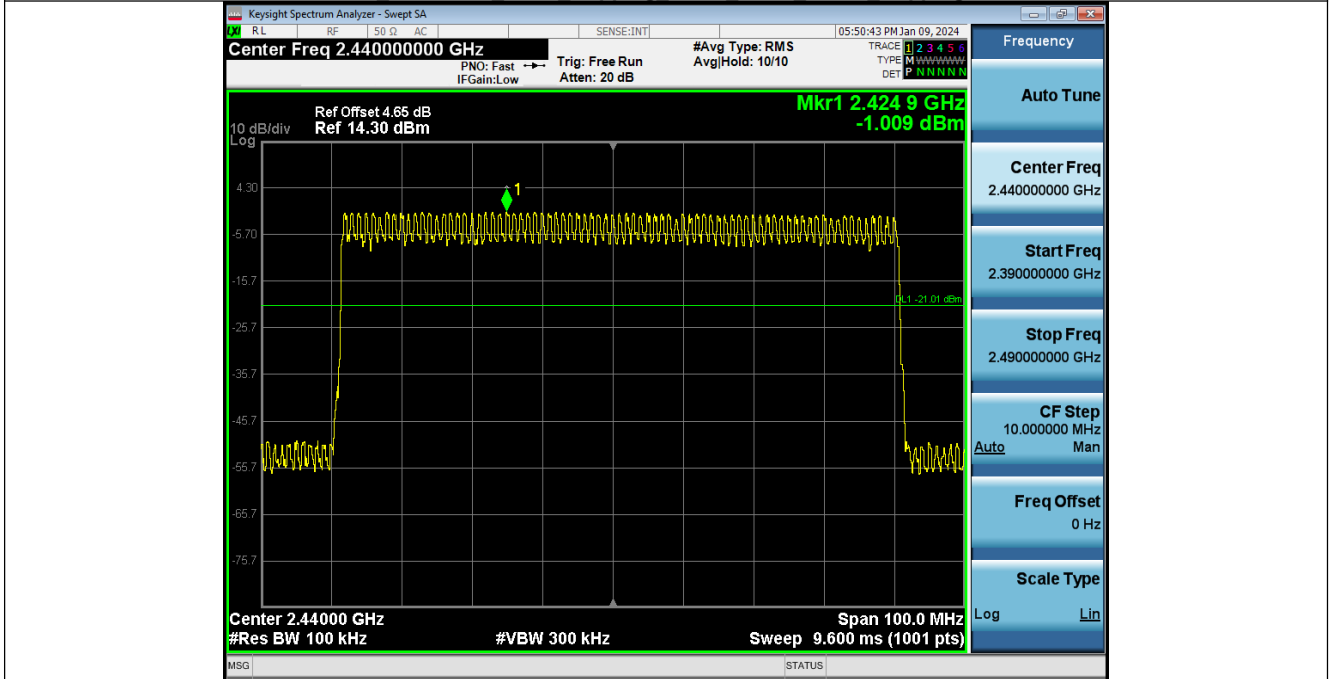
1 Reference_Level_NVNT_ANT1_3-DH1_2480



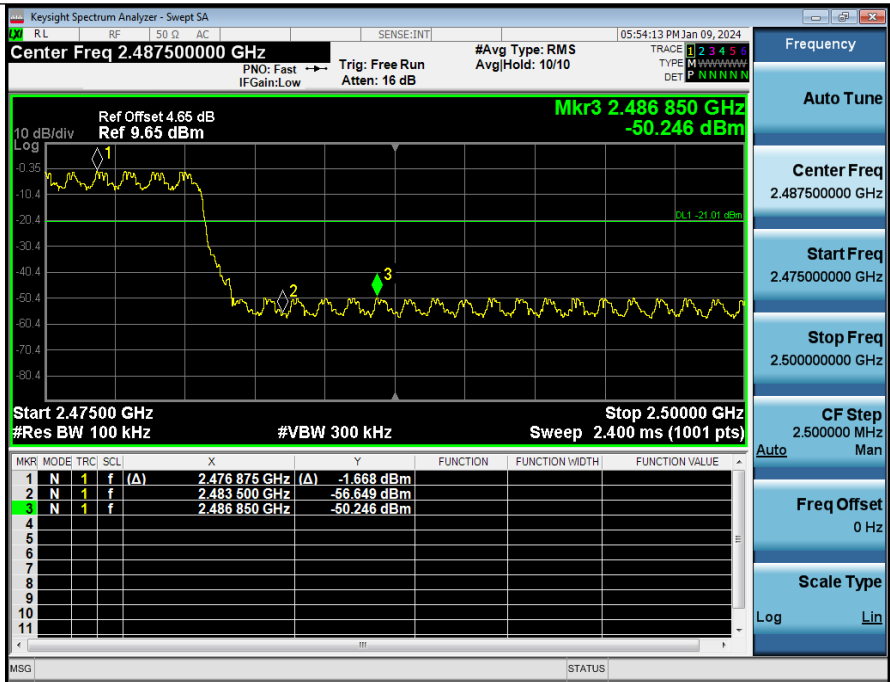
2_Bandedge_NVNT_ANT1_3-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

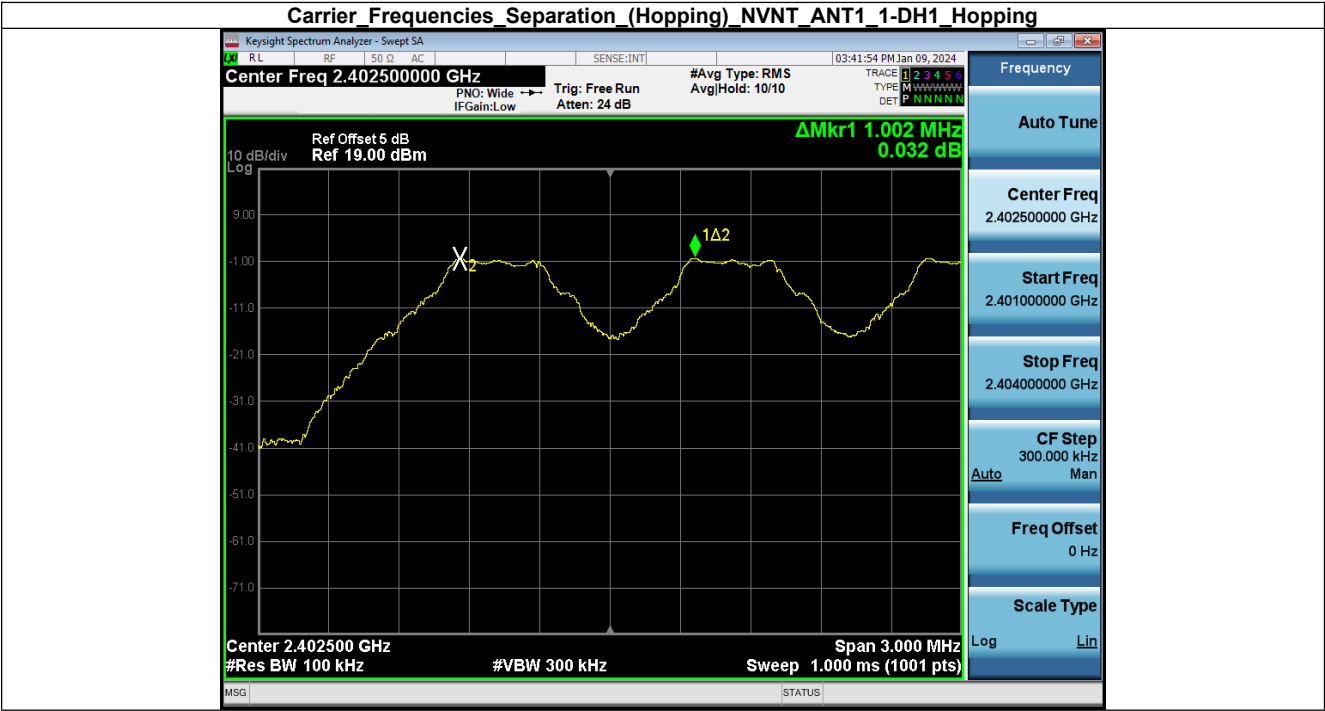


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

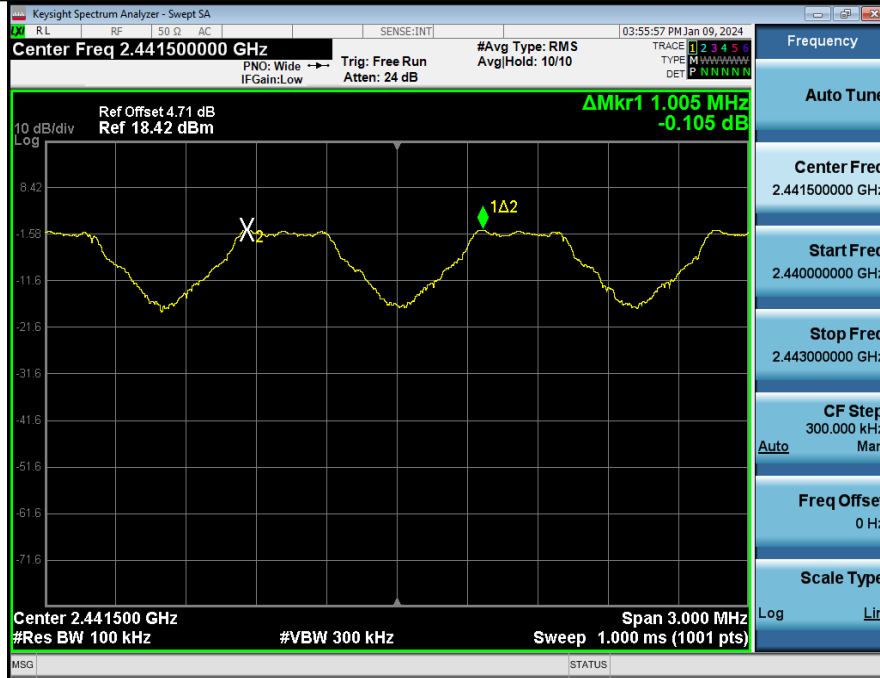


6. Carrier Frequencies Separation (Hopping)

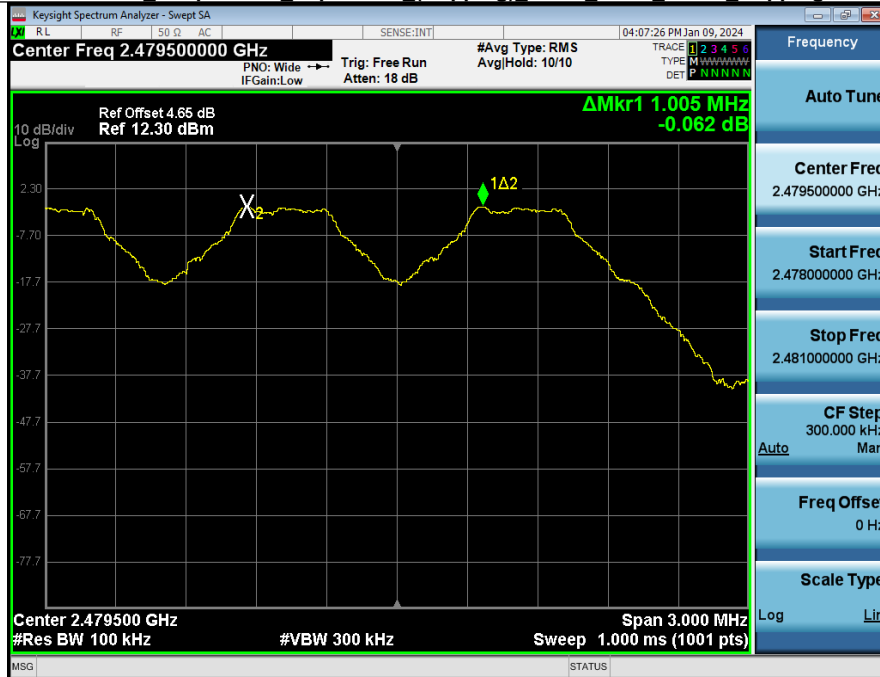
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2401.861	2402.863	1.00	0.997	Pass
NVNT	ANT1	1-DH1	2441.00	2440.861	2441.866	1.00	0.687	Pass
NVNT	ANT1	1-DH1	2480.00	2478.861	2479.866	1.00	0.687	Pass
NVNT	ANT1	2-DH1	2402.00	2401.867	2402.857	0.99	0.862	Pass
NVNT	ANT1	2-DH1	2441.00	2440.858	2441.854	1.00	0.859	Fail
NVNT	ANT1	2-DH1	2480.00	2478.870	2479.860	0.99	0.855	Pass
NVNT	ANT1	3-DH1	2402.00	2401.858	2402.860	1.00	0.838	Pass
NVNT	ANT1	3-DH1	2441.00	2440.858	2441.857	1.00	0.835	Pass
NVNT	ANT1	3-DH1	2480.00	2478.858	2479.863	1.00	0.841	Pass



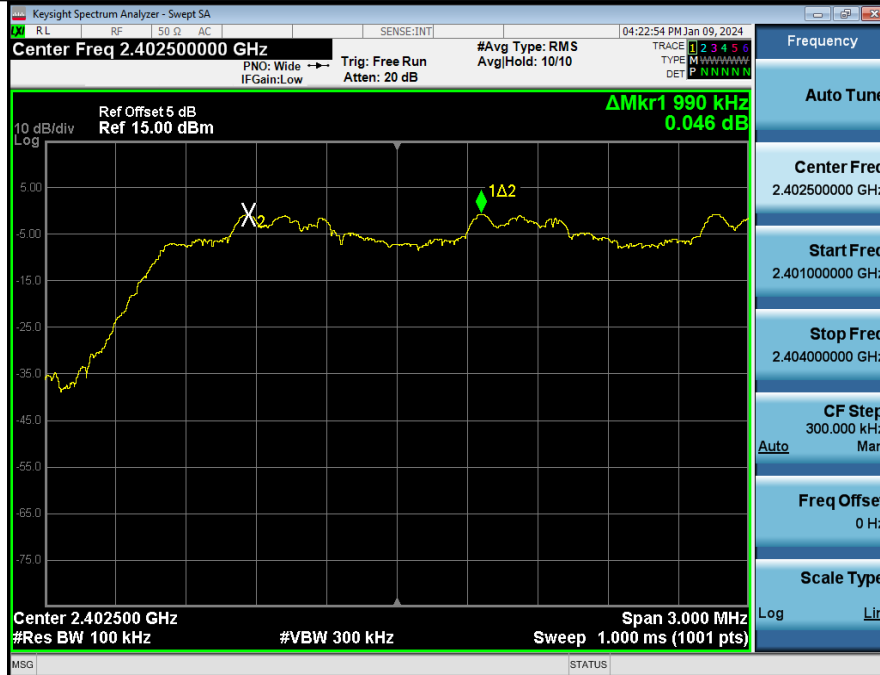
Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



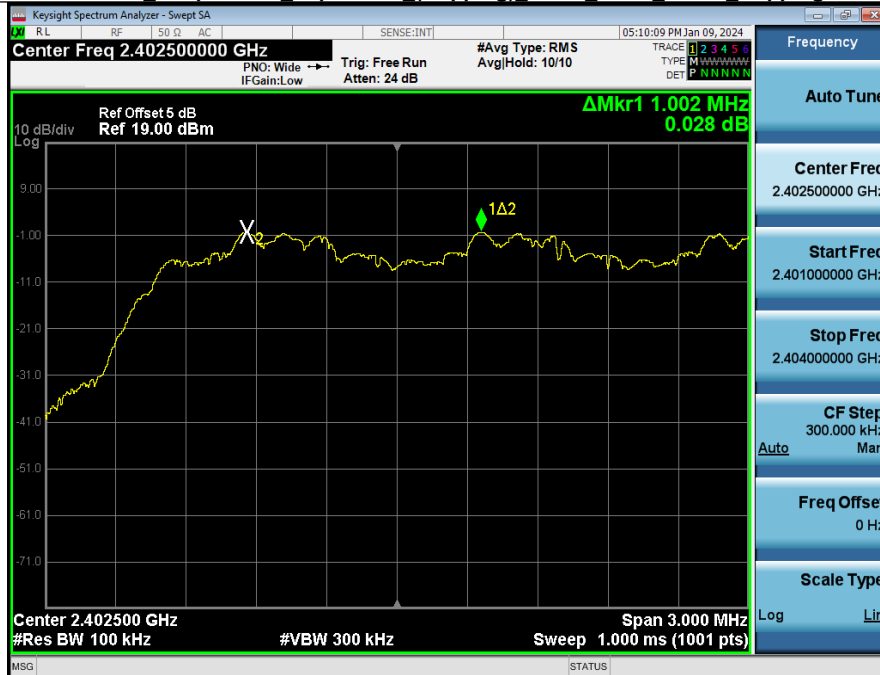
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



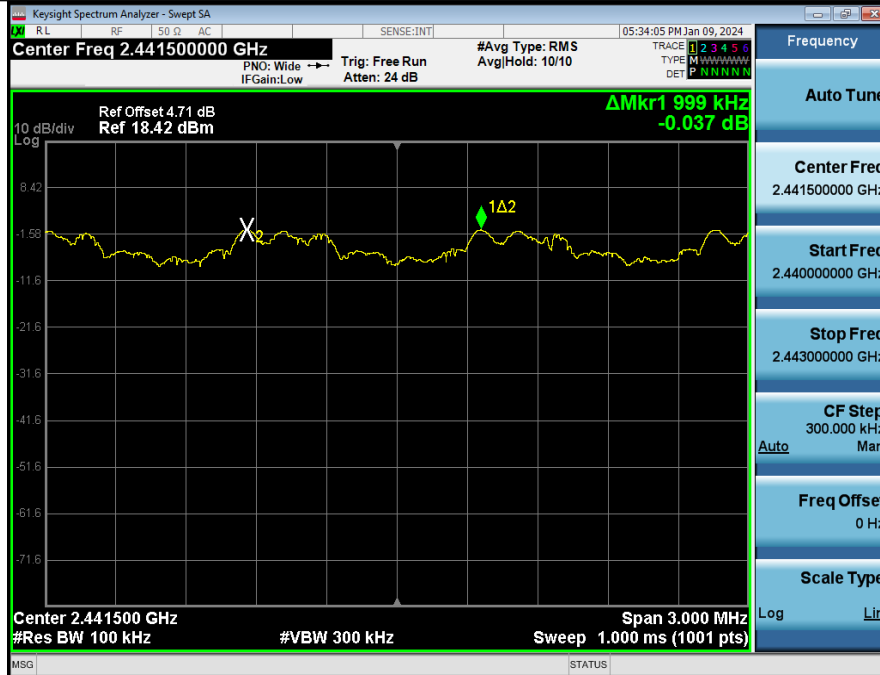
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping

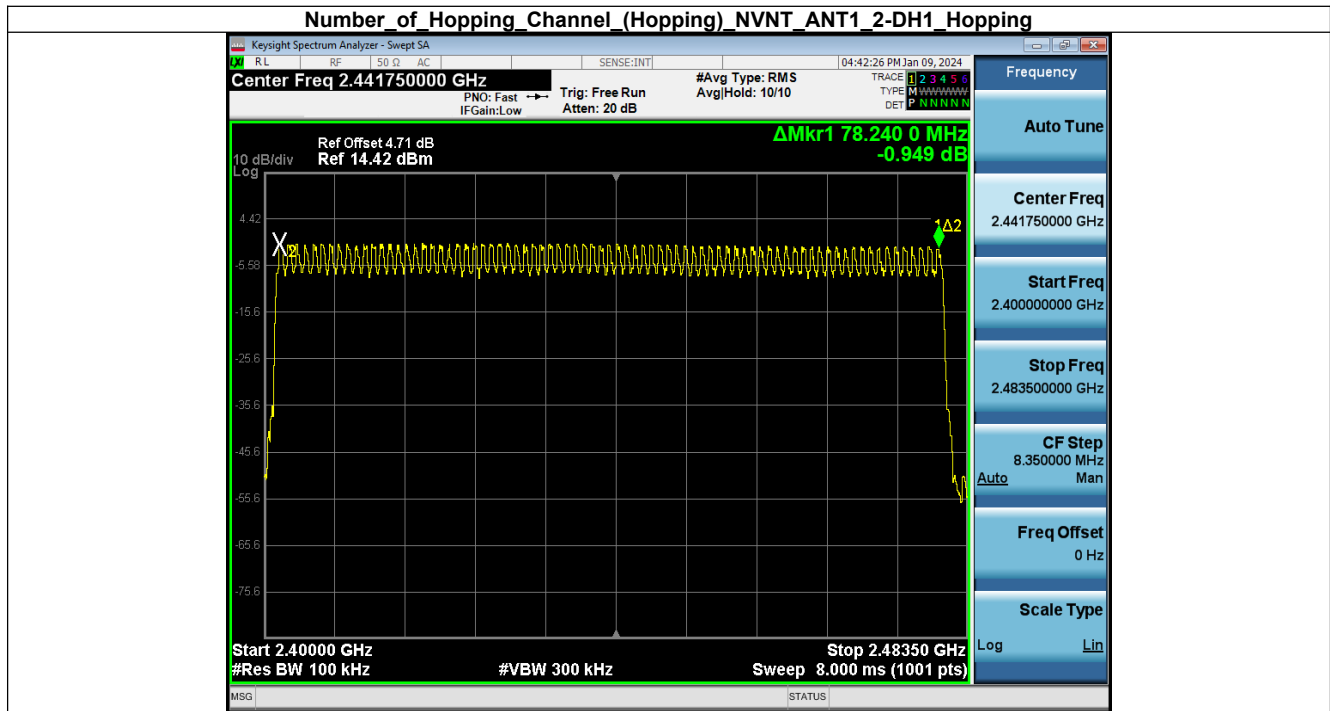
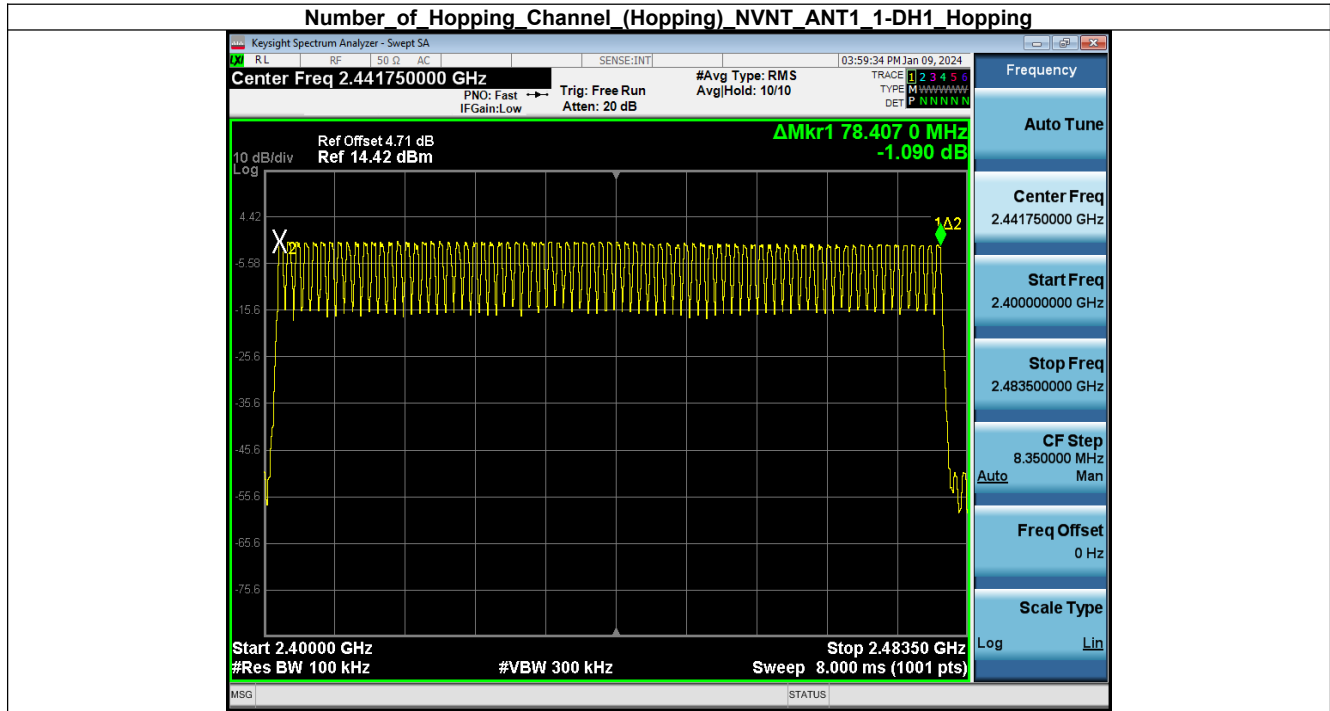


Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping

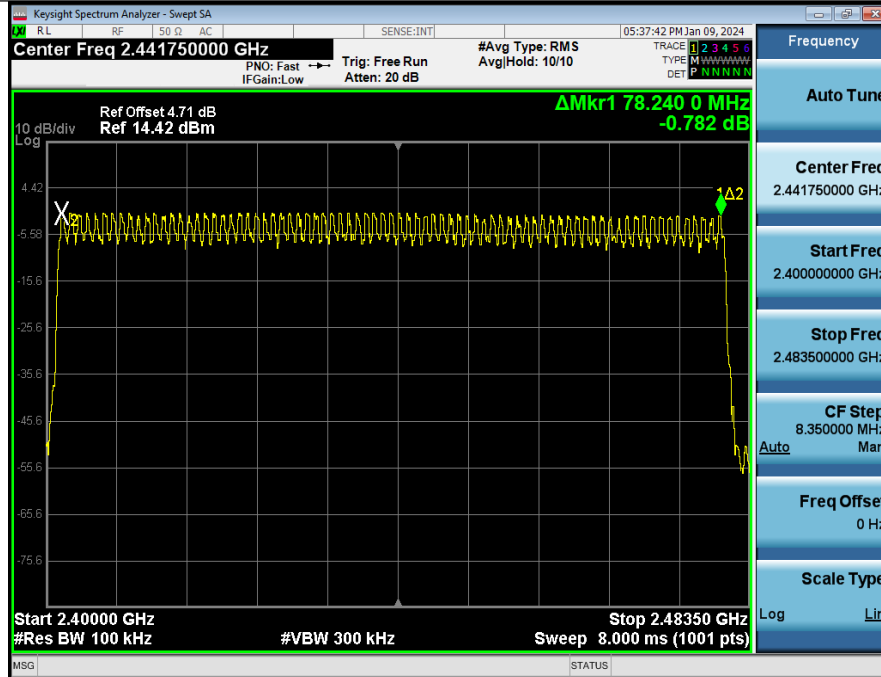


7. Number of Hopping Channel (Hopping)

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

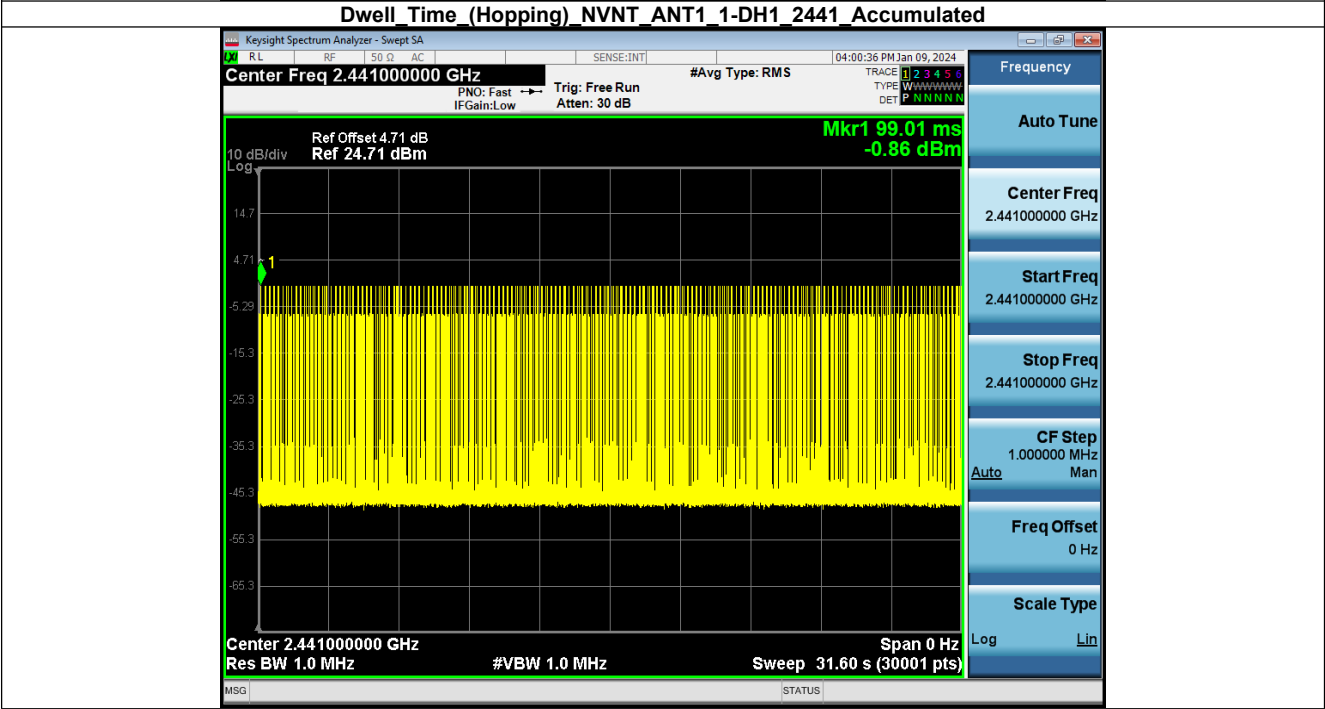
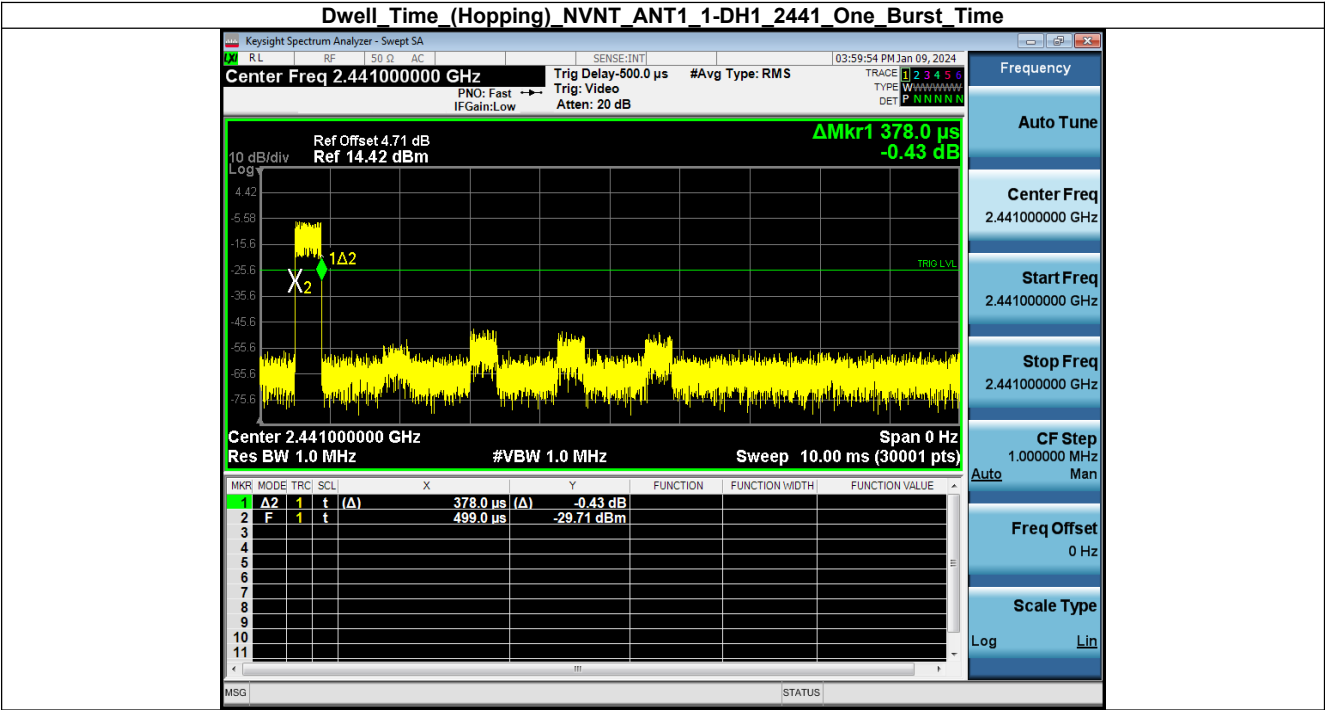


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

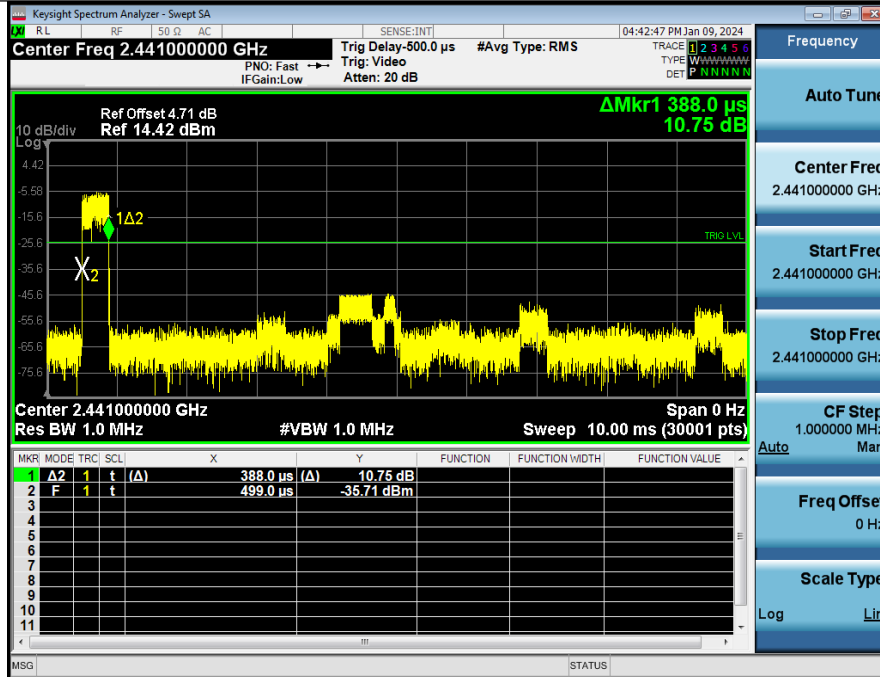


8. Dwell Time (Hopping)

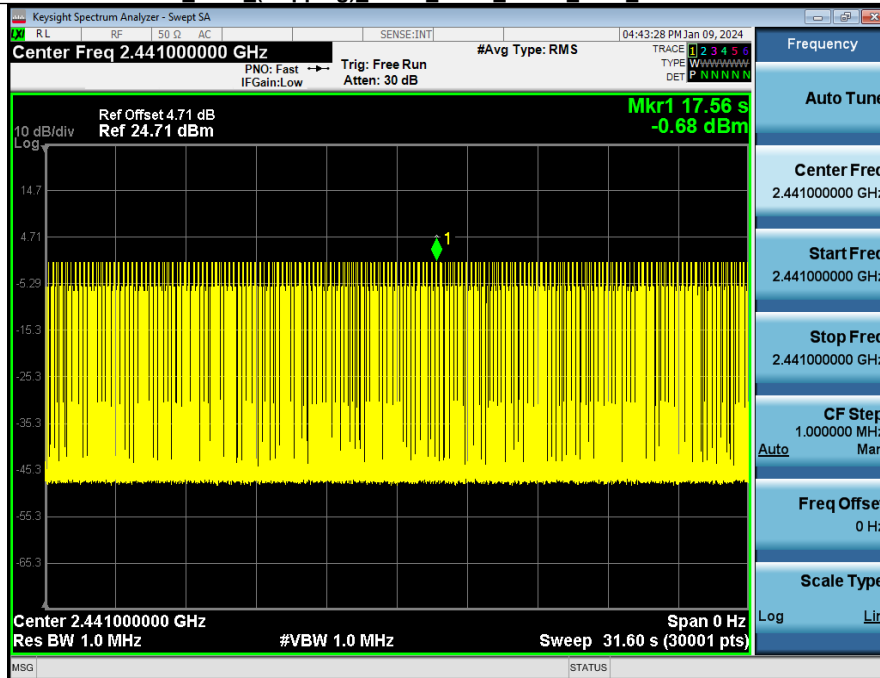
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.378	320.00	120.960	0.40	Pass
NVNT	ANT1	2-DH1	0.388	320.00	124.160	0.40	Pass
NVNT	ANT1	3-DH1	0.389	319.00	124.091	0.40	Pass
NVNT	ANT1	1-DH5	1.634	159.00	259.806	0.40	Pass
NVNT	ANT1	1-DH5	2.882	107.00	308.374	0.40	Pass
NVNT	ANT1	2-DH3	1.640	155.00	254.200	0.40	Pass
NVNT	ANT1	2-DH5	2.888	100.00	288.800	0.40	Pass
NVNT	ANT1	3-DH3	1.639	163.00	267.157	0.40	Pass
NVNT	ANT1	3-DH5	2.890	97.00	280.330	0.40	Pass



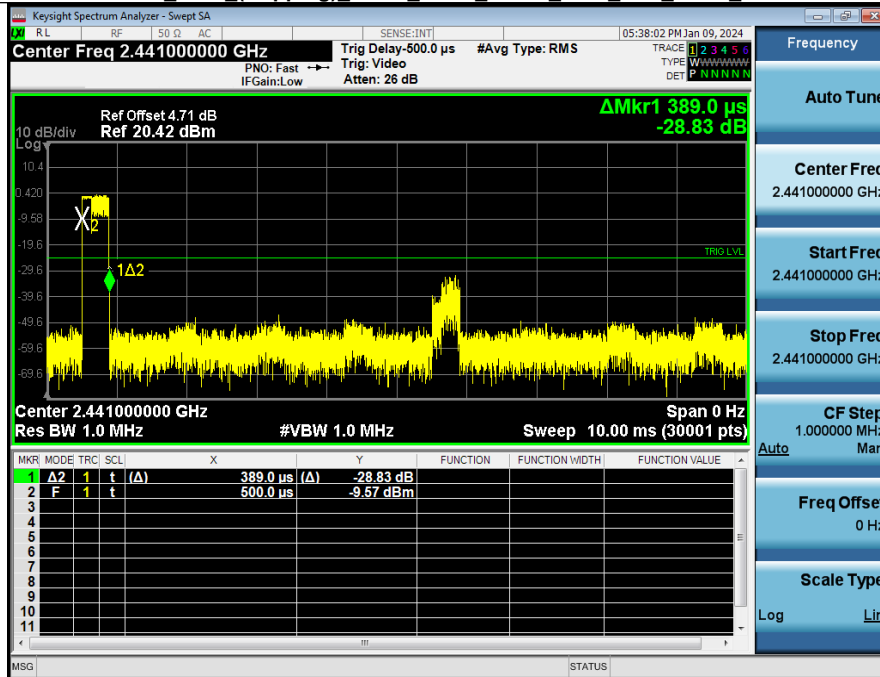
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_One_Burst_Time



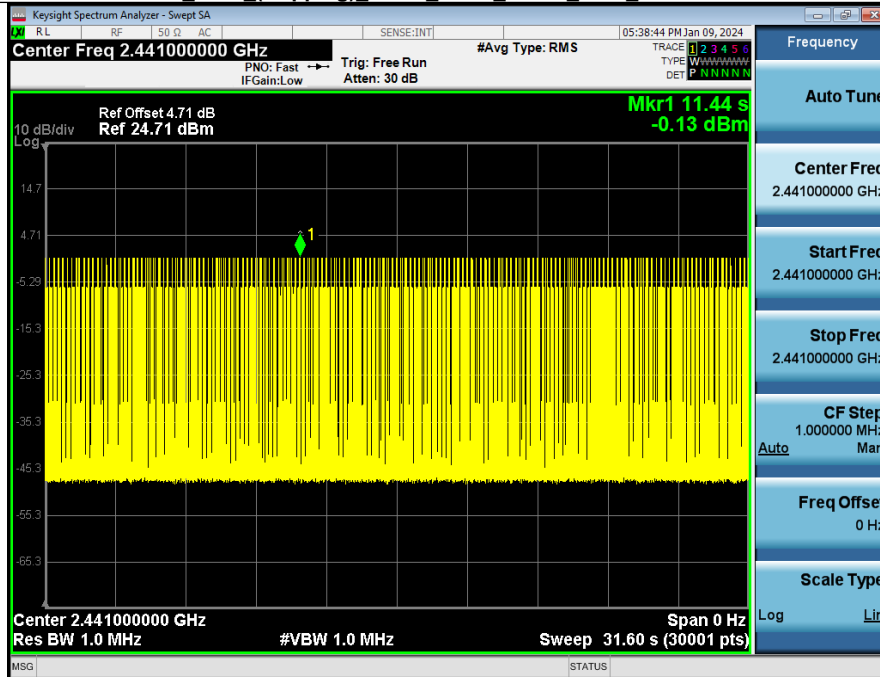
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_Accumulated



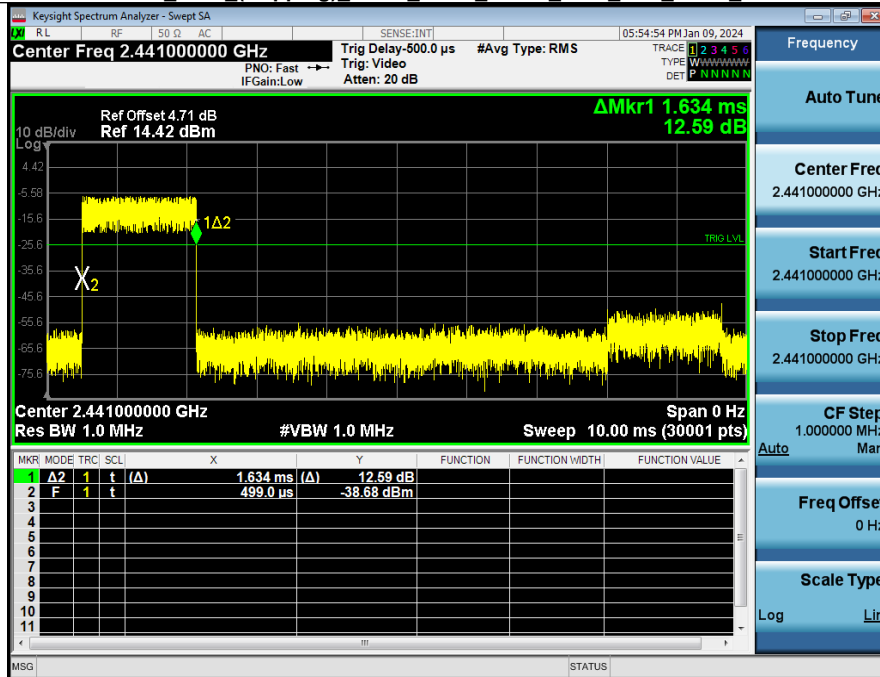
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_One_Burst_Time



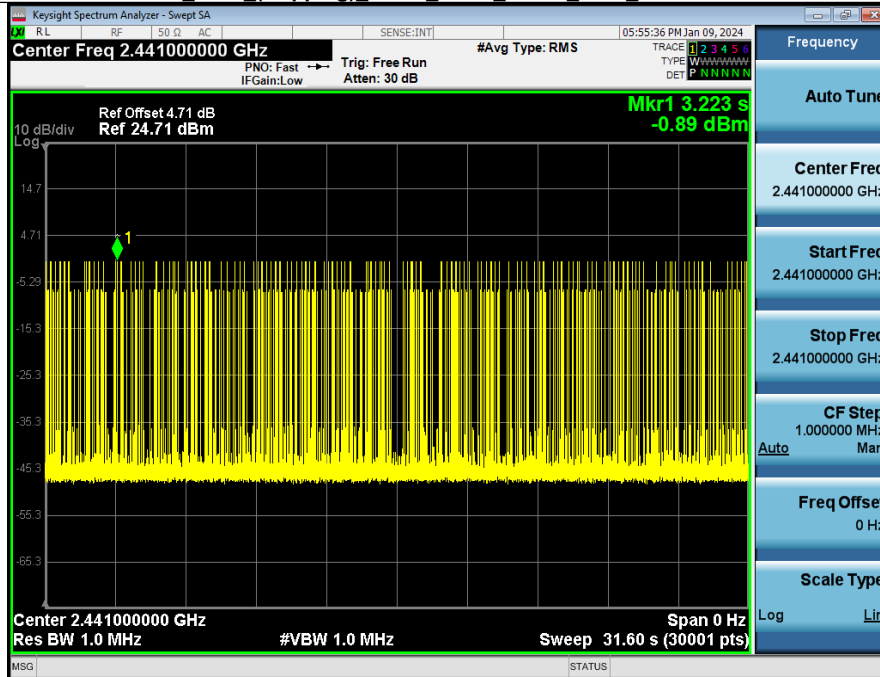
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_Accumulated



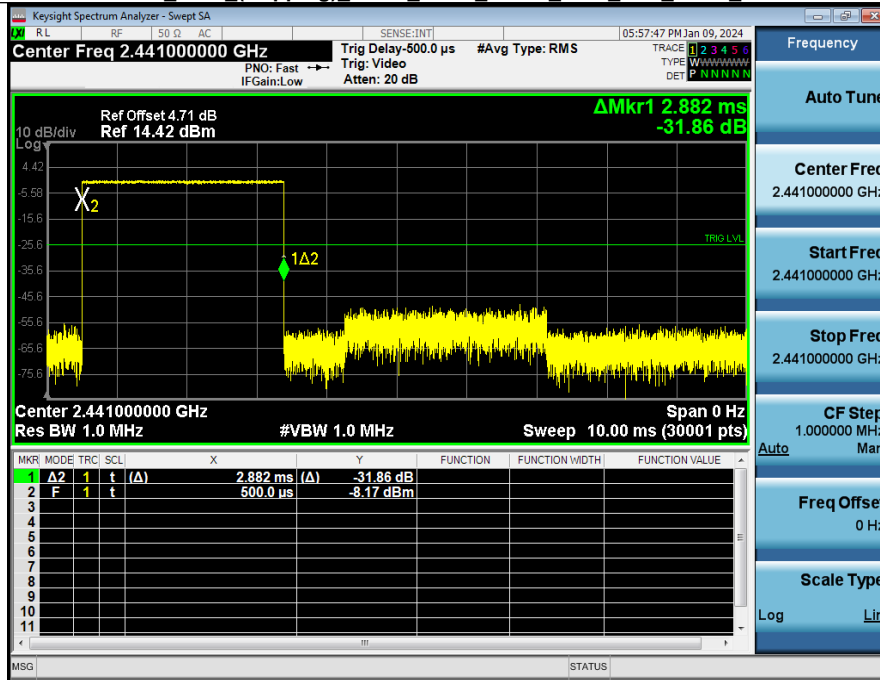
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_One Burst Time



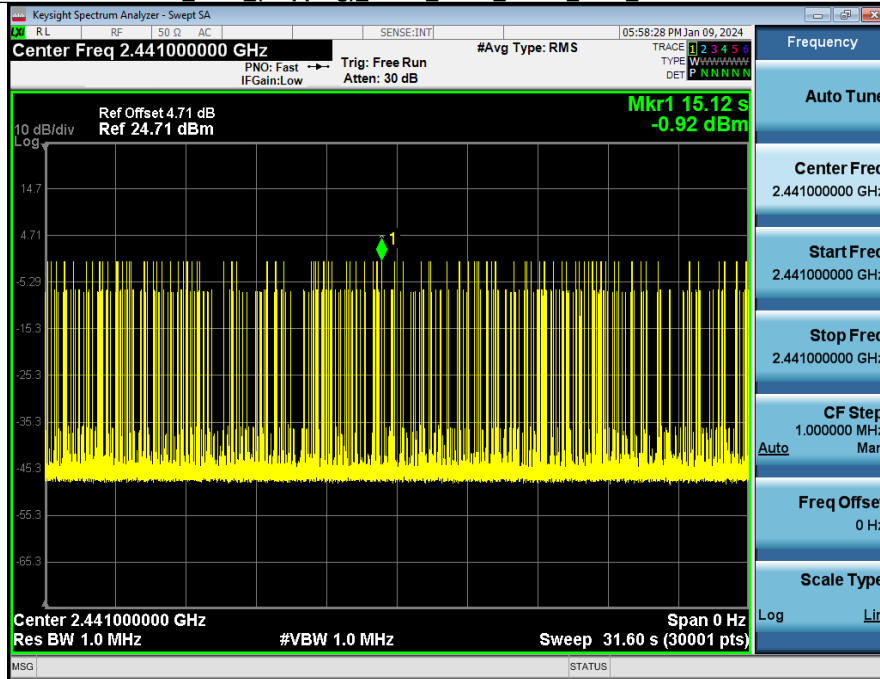
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_Accumulated



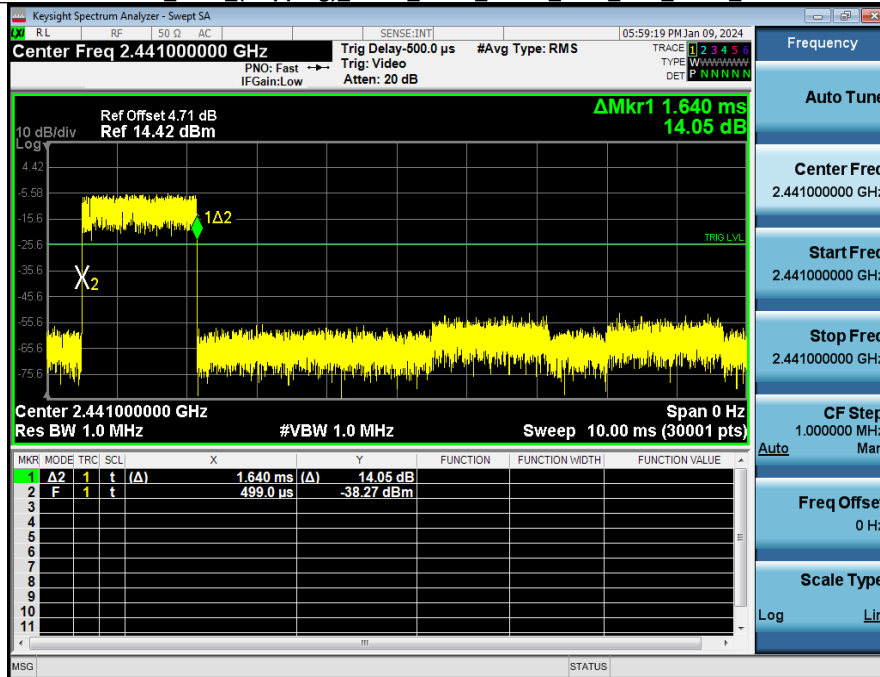
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_One_Burst_Time



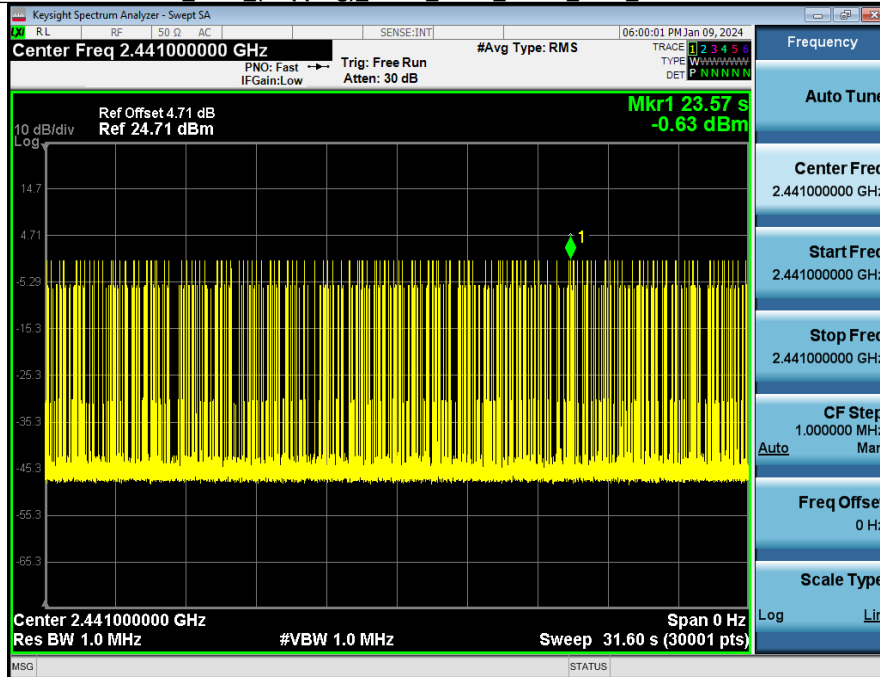
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_Accumulated



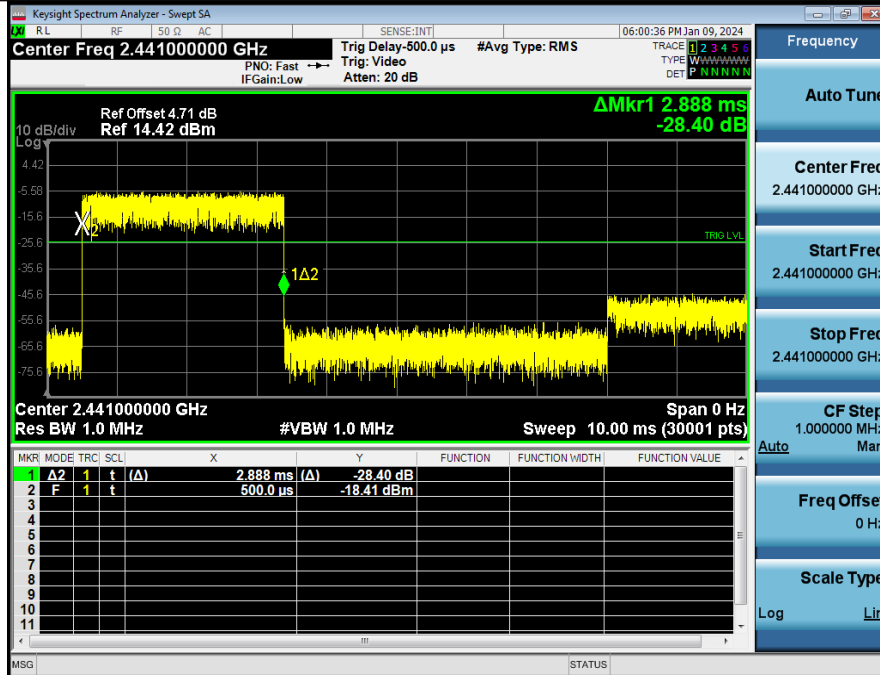
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_One_Burst_Time



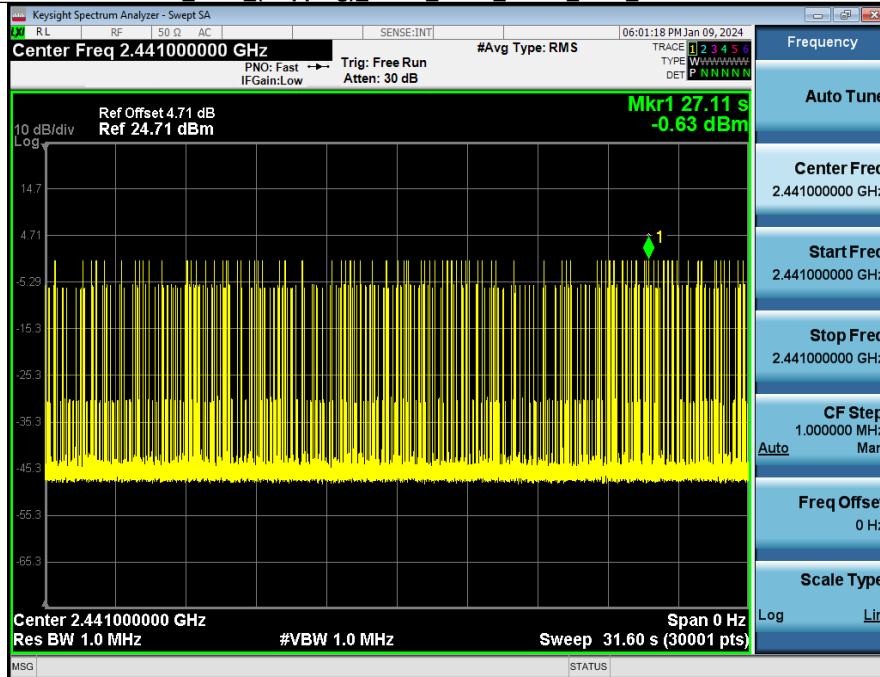
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_Accumulated



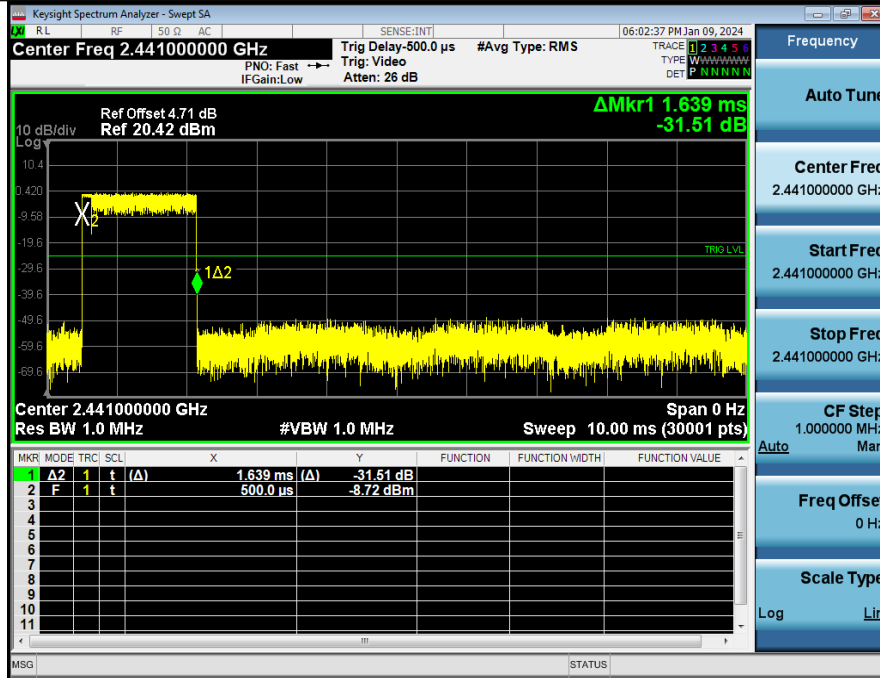
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One_Burst_Time



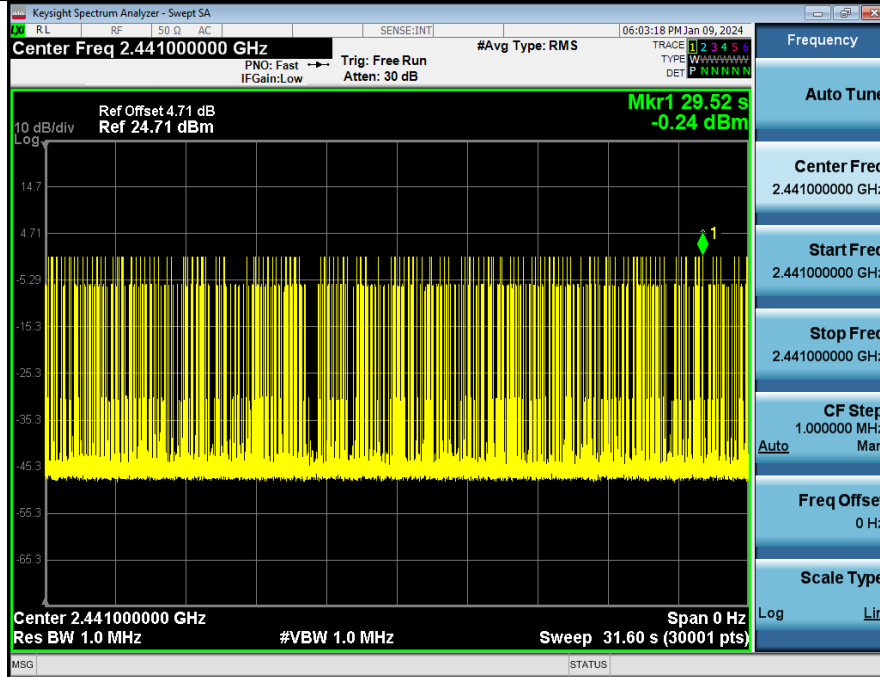
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



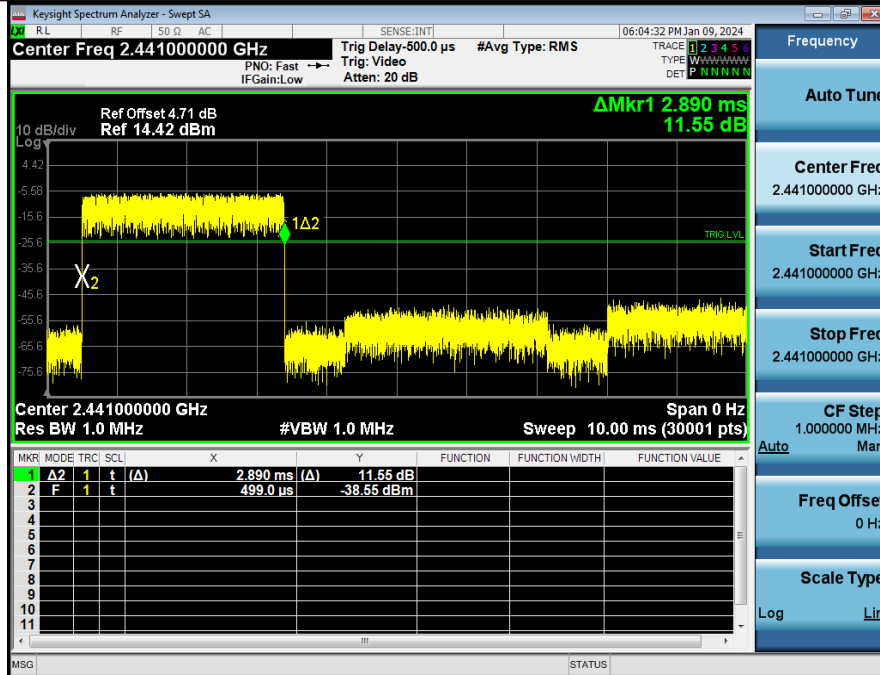
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_One_Burst_Time



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

