

Table of Contents

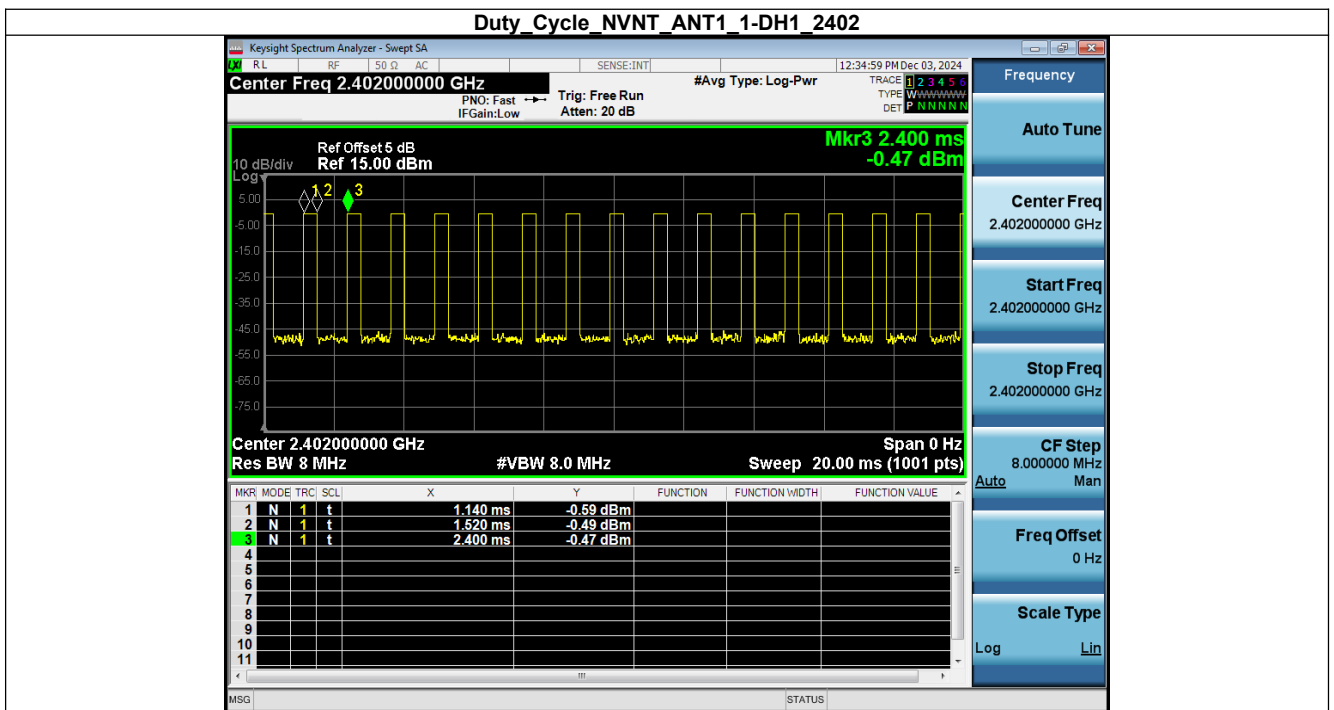
1. Duty Cycle	2
2. -20dB Bandwidth	7
3. 99% Occupied Bandwidth	12
4. Peak Output Power	17
5. Spurious Emissions	22
6. Bandedge	31
7. Carrier Frequencies Separation (Hopping)	44
8. Number of Hopping Channel (Hopping)	49
9. Dwell Time (Hopping)	51

FCC ID:2BMNJ-F15

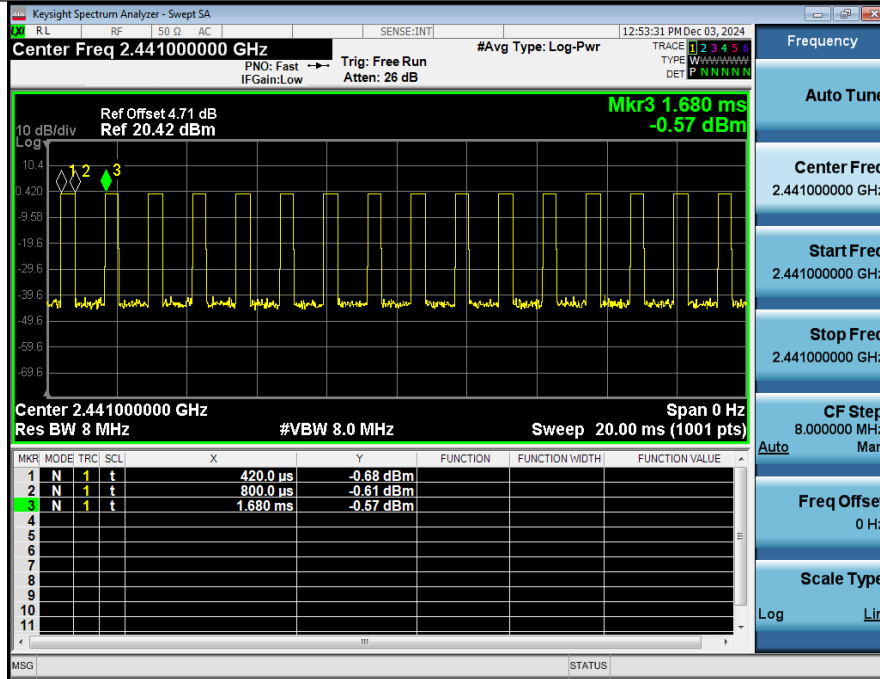
FCC_BT (Part15.247) Test Data

1. Duty Cycle

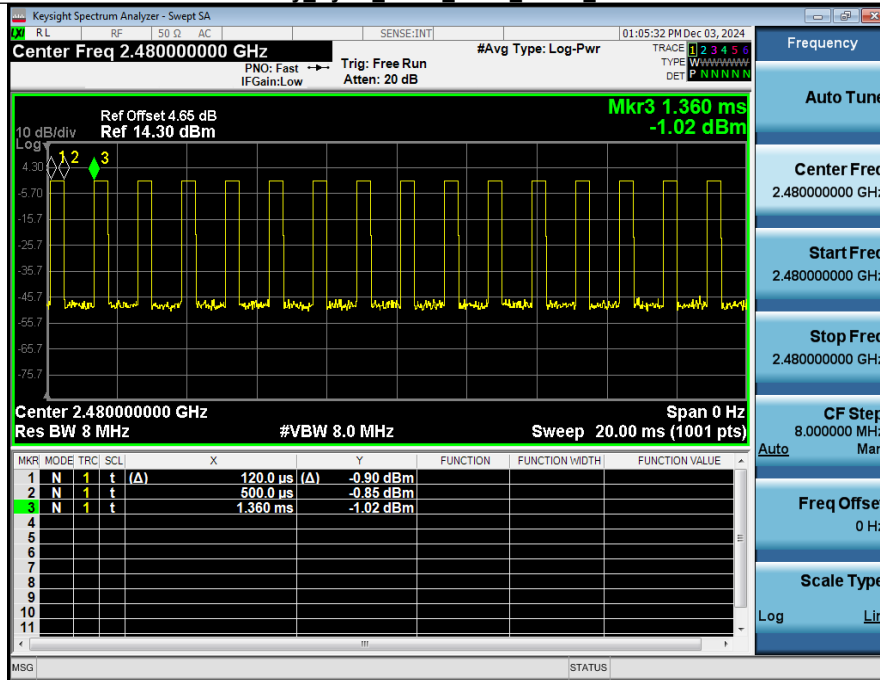
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	30.16	5.21
NVNT	ANT1	1-DH1	2480.00	30.65	5.14
NVNT	ANT1	2-DH1	2402.00	30.16	5.21
NVNT	ANT1	2-DH1	2441.00	31.75	4.98
NVNT	ANT1	2-DH1	2480.00	30.65	5.14
NVNT	ANT1	3-DH1	2402.00	33.33	4.77
NVNT	ANT1	3-DH1	2441.00	33.33	4.77
NVNT	ANT1	3-DH1	2480.00	32.26	4.91



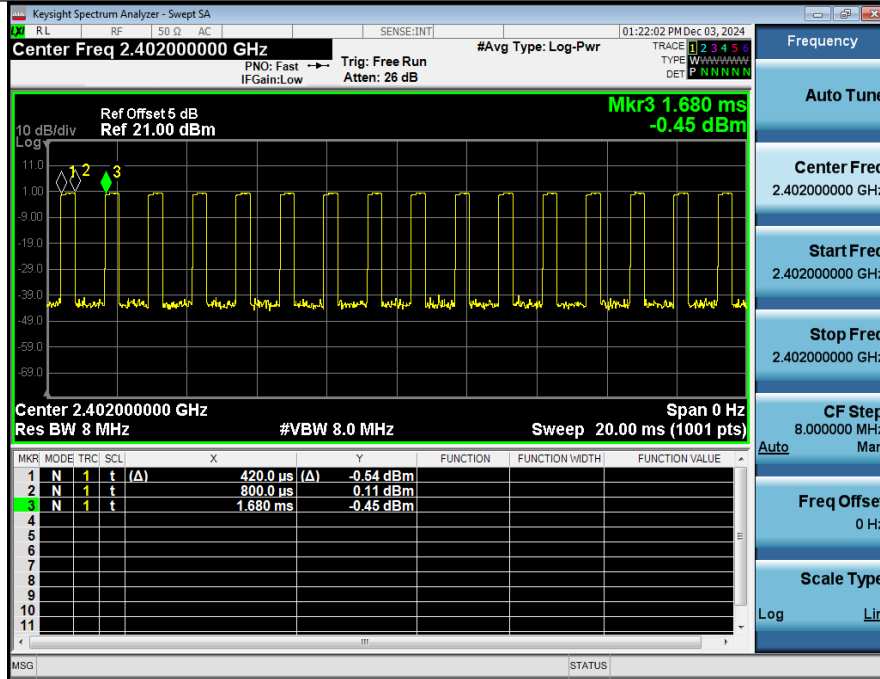
Duty Cycle NVNT_ANT1_1-DH1_2441



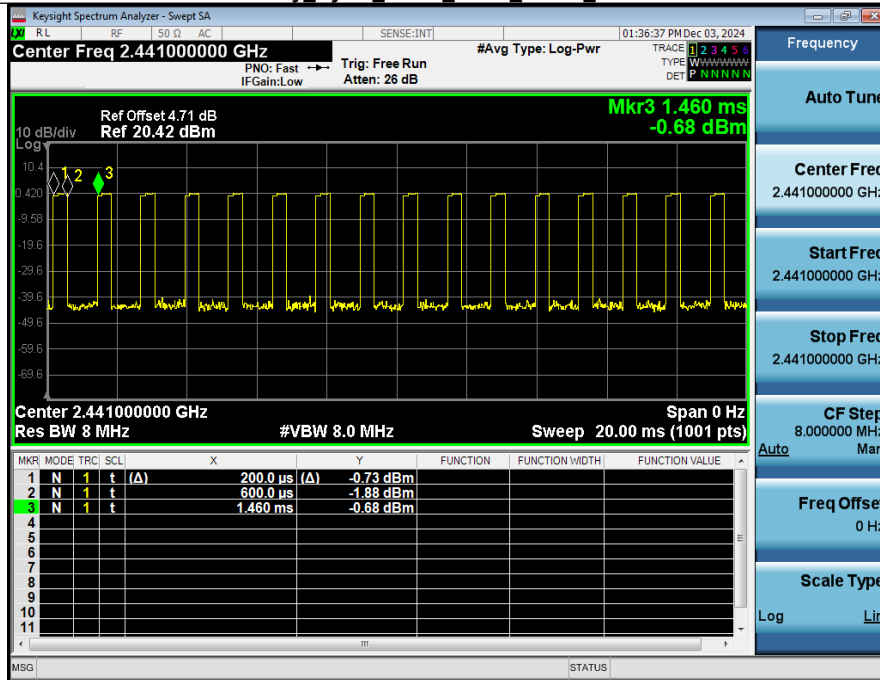
Duty Cycle NVNT_ANT1_1-DH1_2480



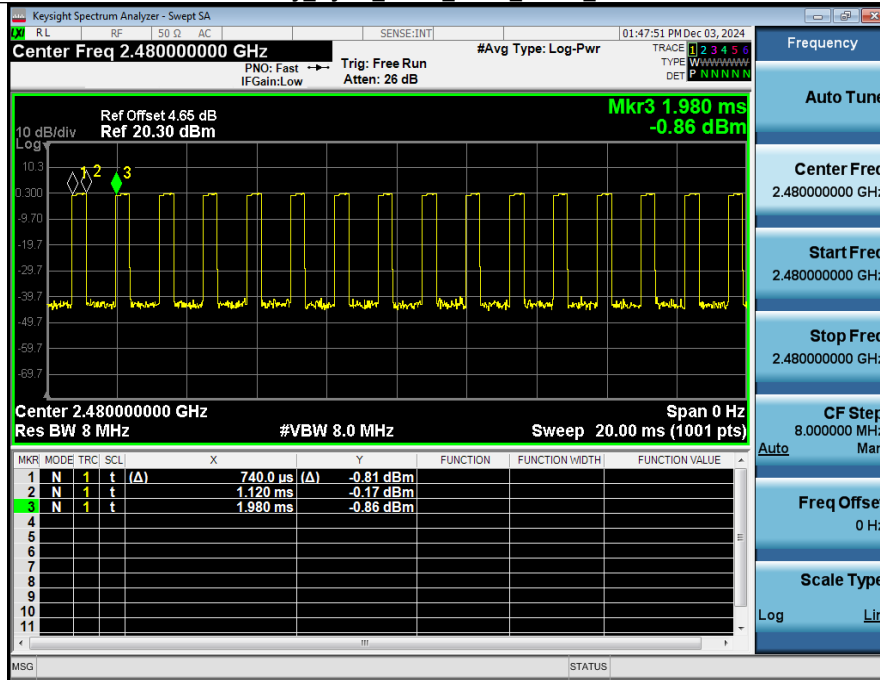
Duty Cycle NVNT_ANT1_2-DH1_2402



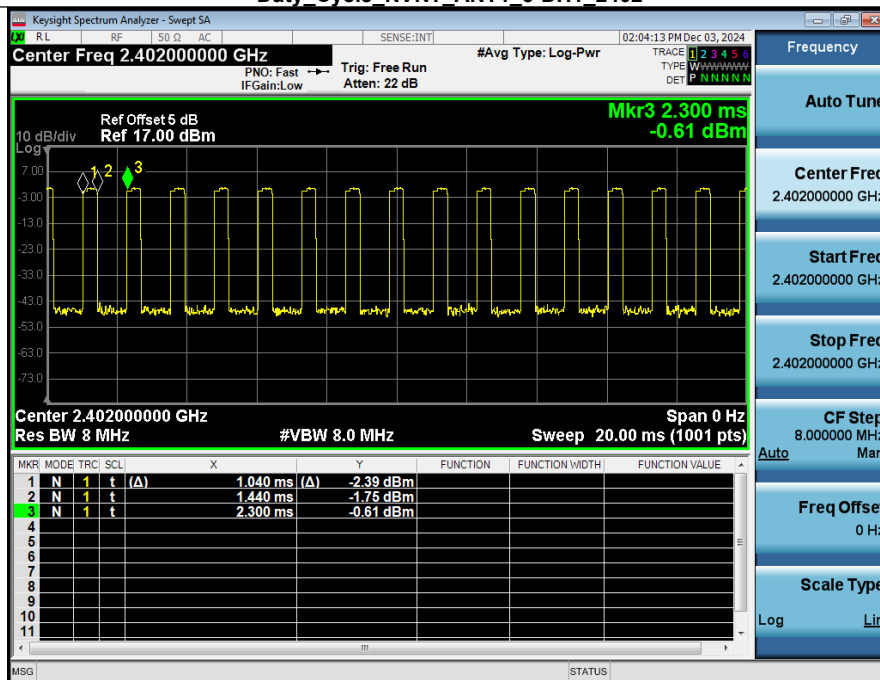
Duty Cycle NVNT_ANT1_2-DH1_2441



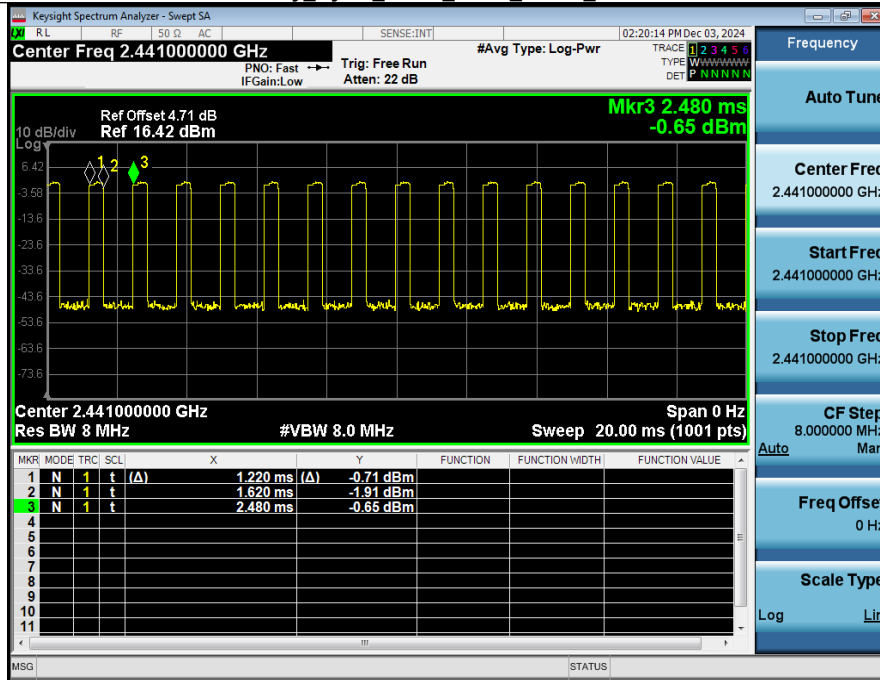
Duty Cycle NVNT_ANT1 2-DH1_2480



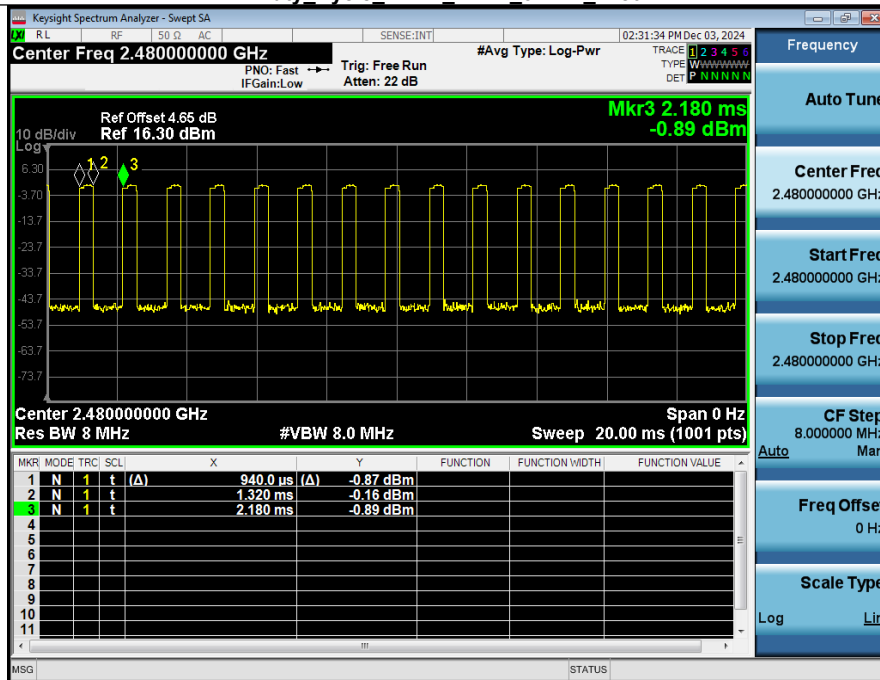
Duty Cycle NVNT_ANT1 3-DH1_2402



Duty Cycle NVNT_ANT1 3-DH1_2441

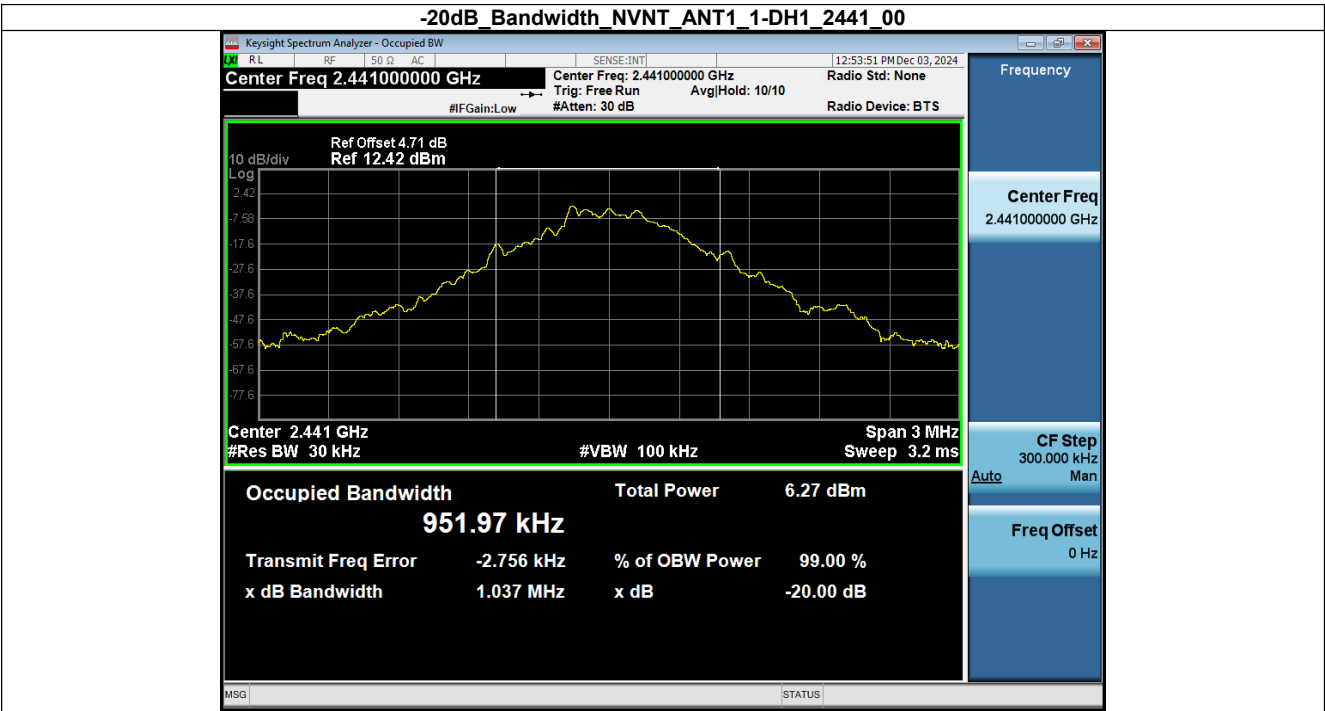
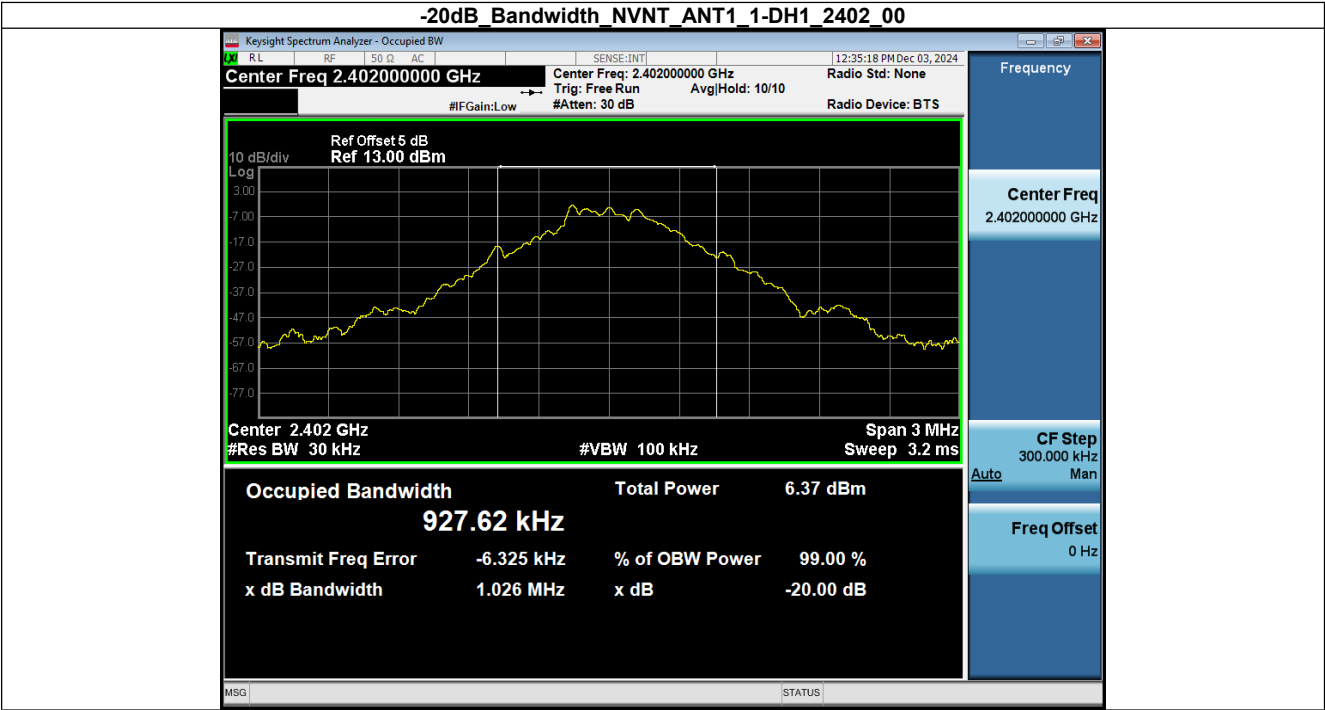


Duty Cycle NVNT_ANT1 3-DH1_2480

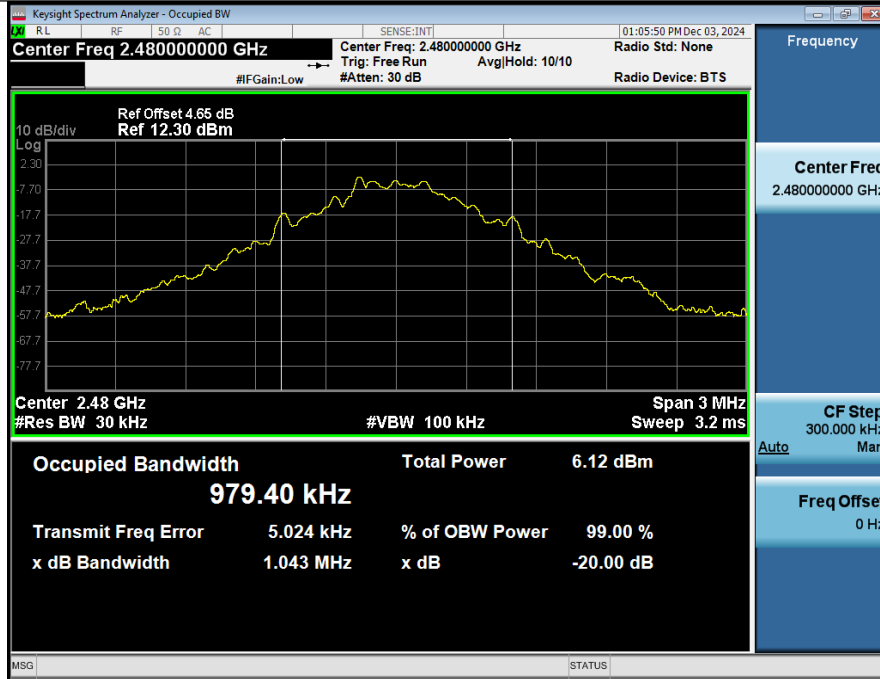


2. -20dB Bandwidth

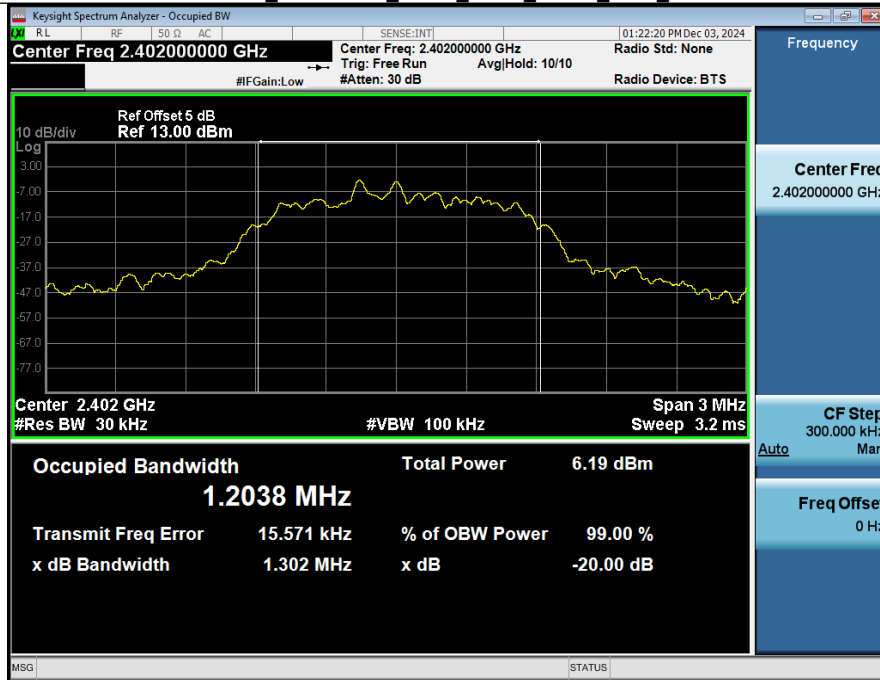
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	1.026	Yes
NVNT	ANT1	1-DH1	2441.00	1.037	Yes
NVNT	ANT1	1-DH1	2480.00	1.043	Yes
NVNT	ANT1	2-DH1	2402.00	1.302	Yes
NVNT	ANT1	2-DH1	2441.00	1.301	Yes
NVNT	ANT1	2-DH1	2480.00	1.292	Yes
NVNT	ANT1	3-DH1	2402.00	1.264	Yes
NVNT	ANT1	3-DH1	2441.00	1.272	Yes
NVNT	ANT1	3-DH1	2480.00	1.282	Yes



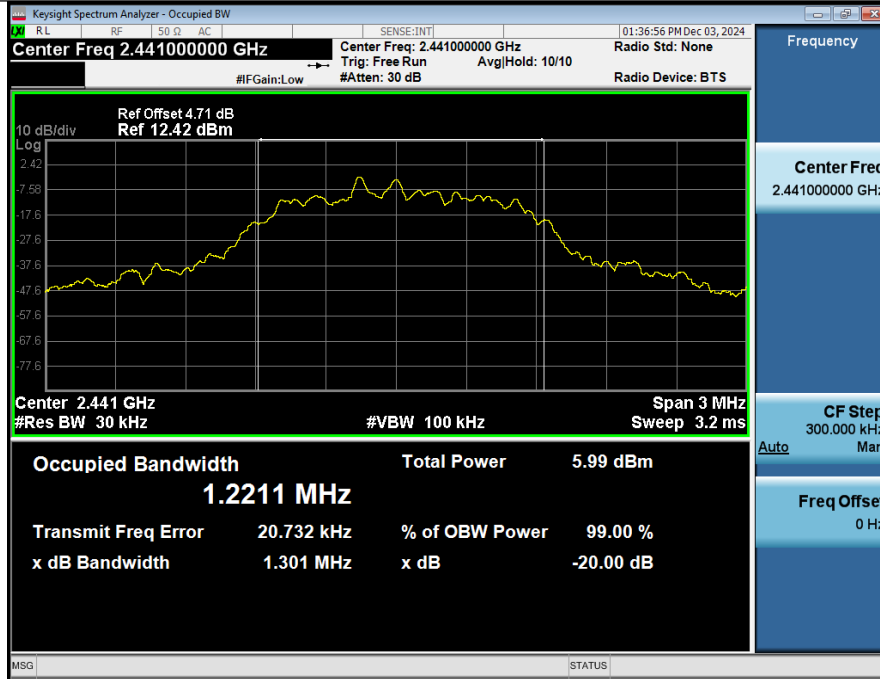
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



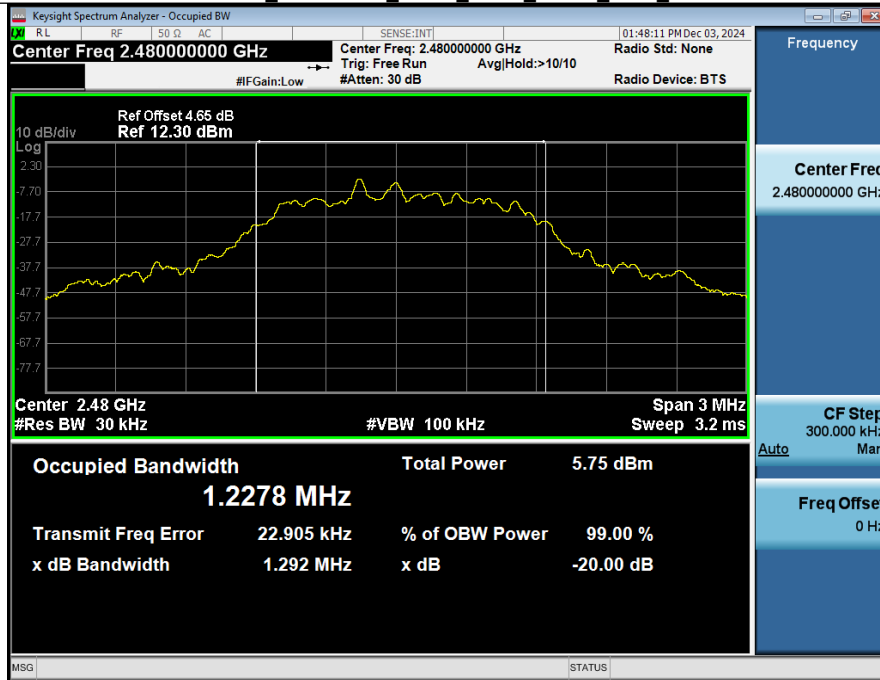
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



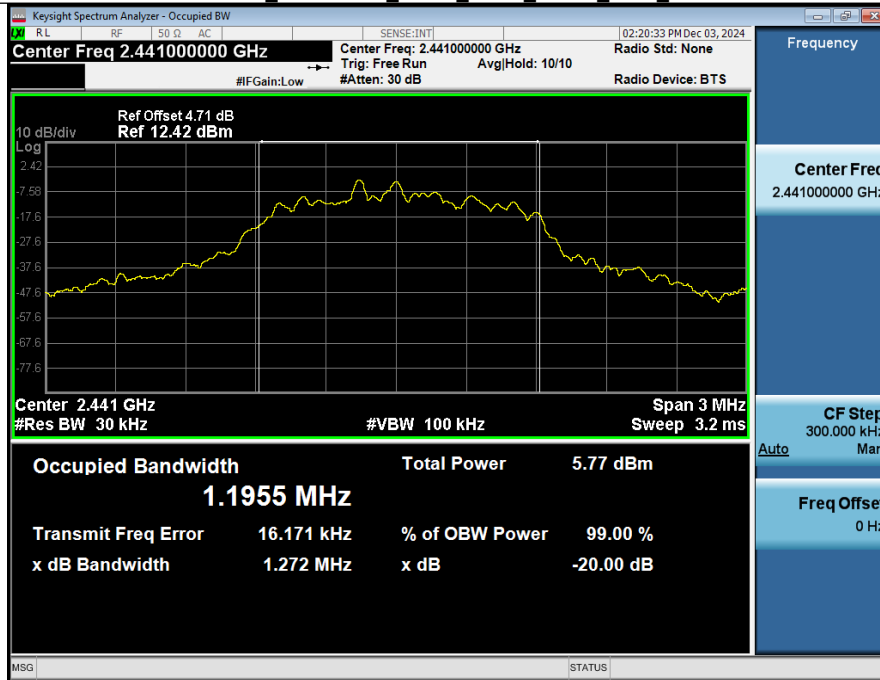
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00



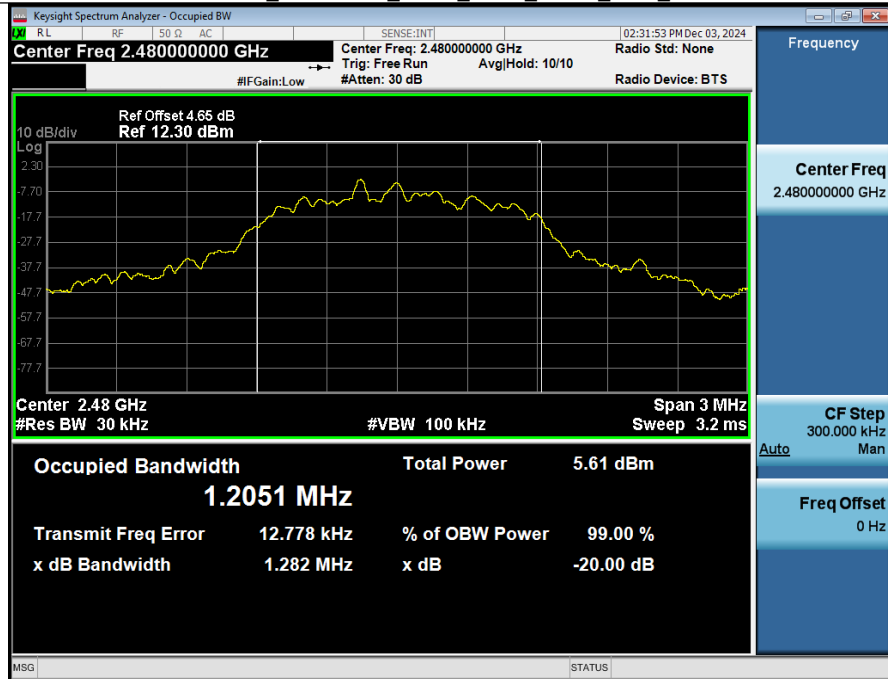
-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

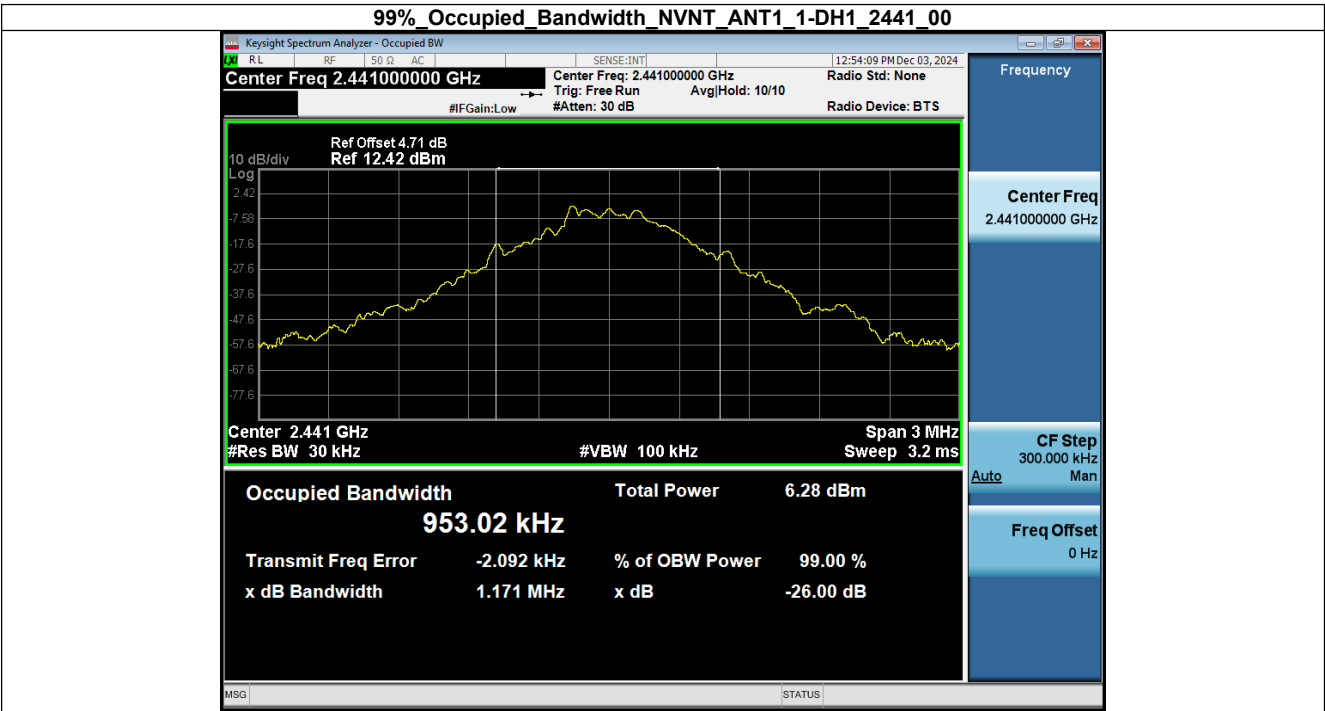
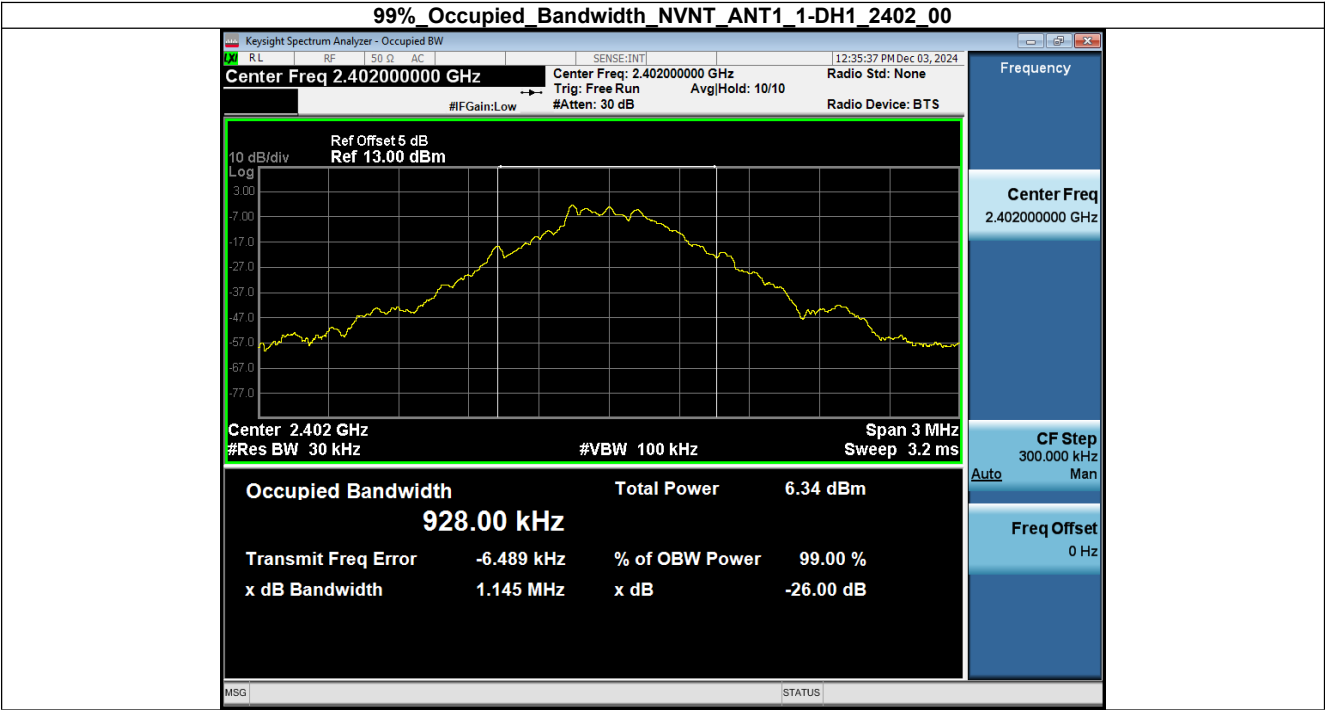


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00

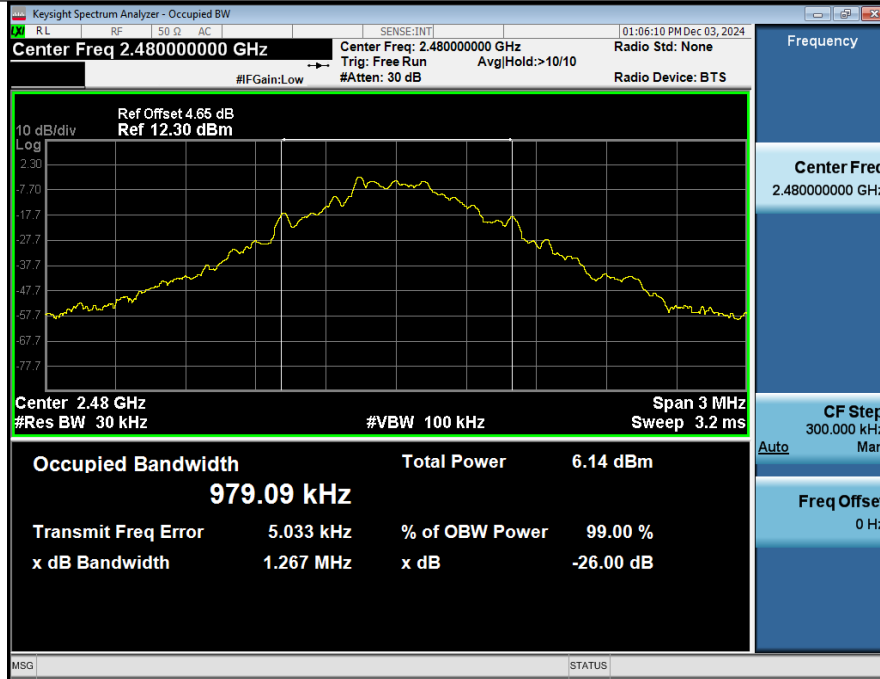


3. 99% Occupied Bandwidth

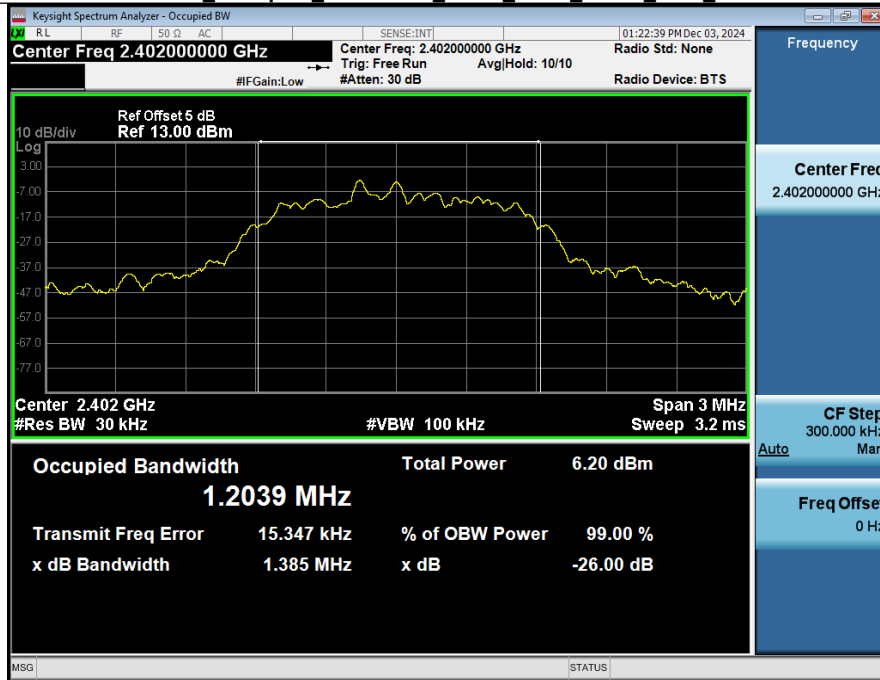
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.928
NVNT	ANT1	1-DH1	2441.00	0.953
NVNT	ANT1	1-DH1	2480.00	0.979
NVNT	ANT1	2-DH1	2402.00	1.204
NVNT	ANT1	2-DH1	2441.00	1.219
NVNT	ANT1	2-DH1	2480.00	1.227
NVNT	ANT1	3-DH1	2402.00	1.184
NVNT	ANT1	3-DH1	2441.00	1.196
NVNT	ANT1	3-DH1	2480.00	1.204



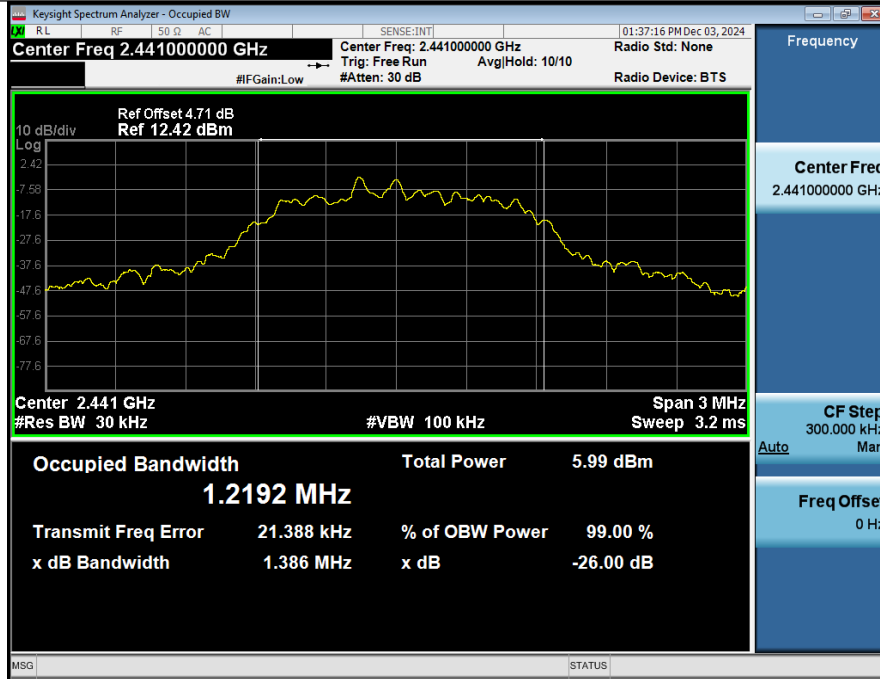
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



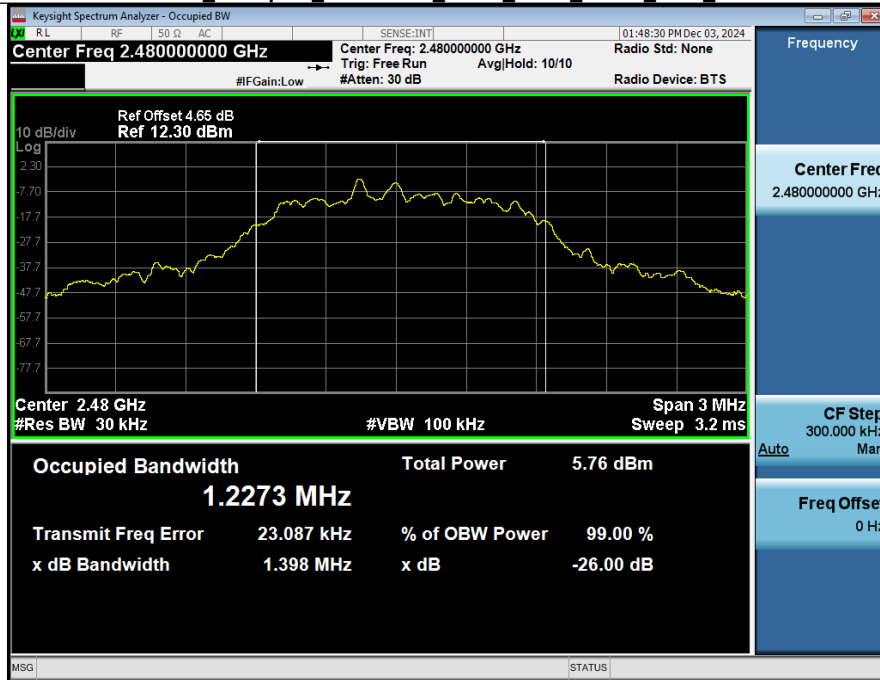
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



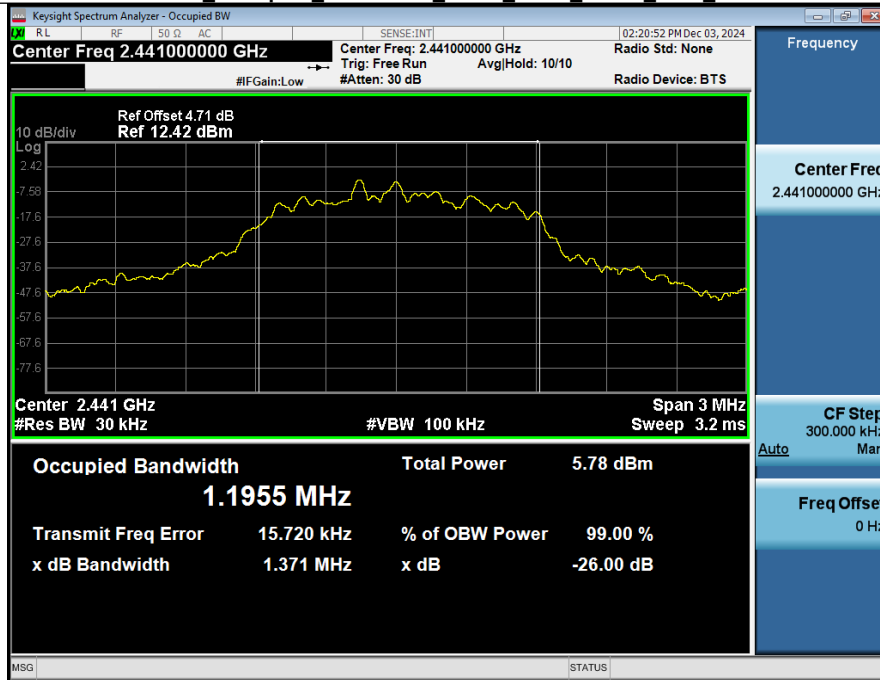
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00



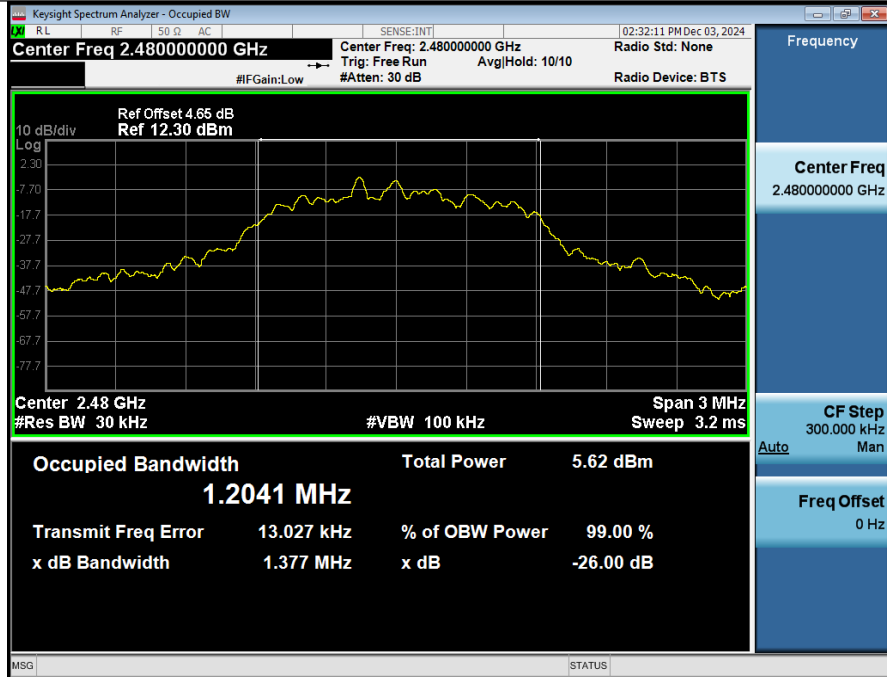
99% Occupied Bandwidth NVNT_ANT1_3-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2441_00

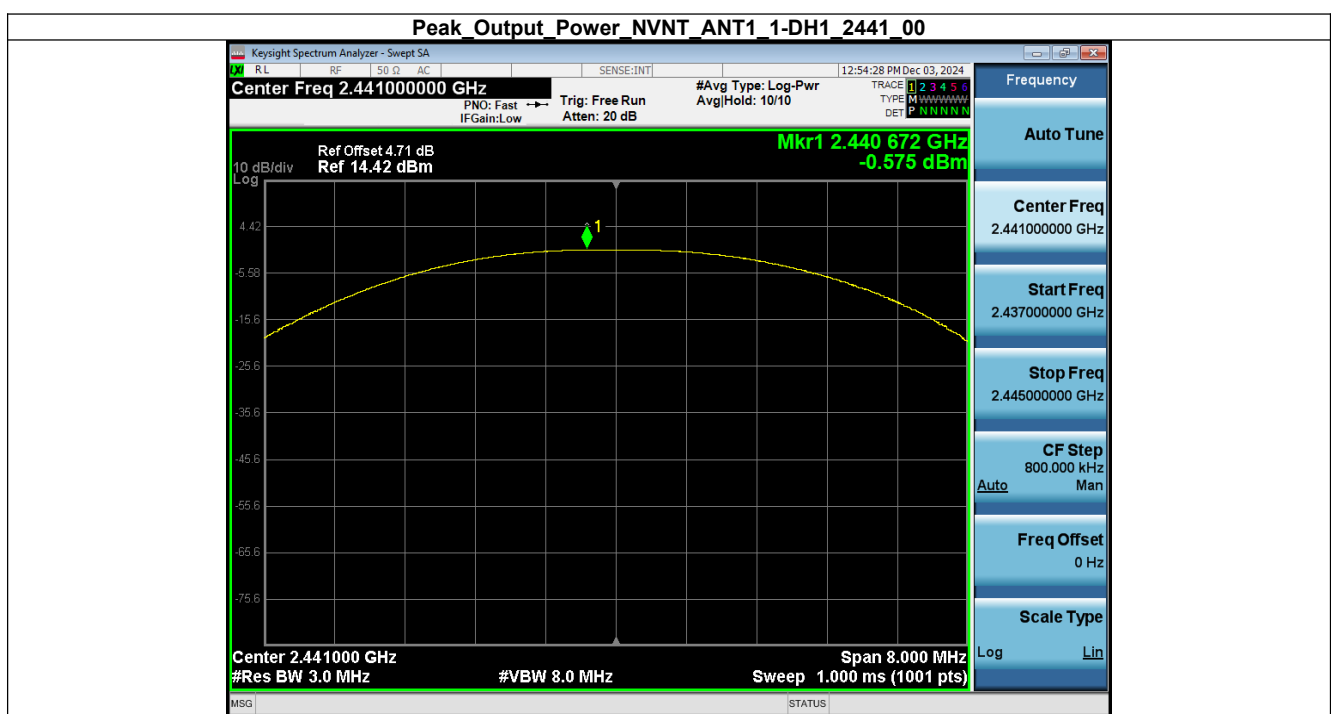
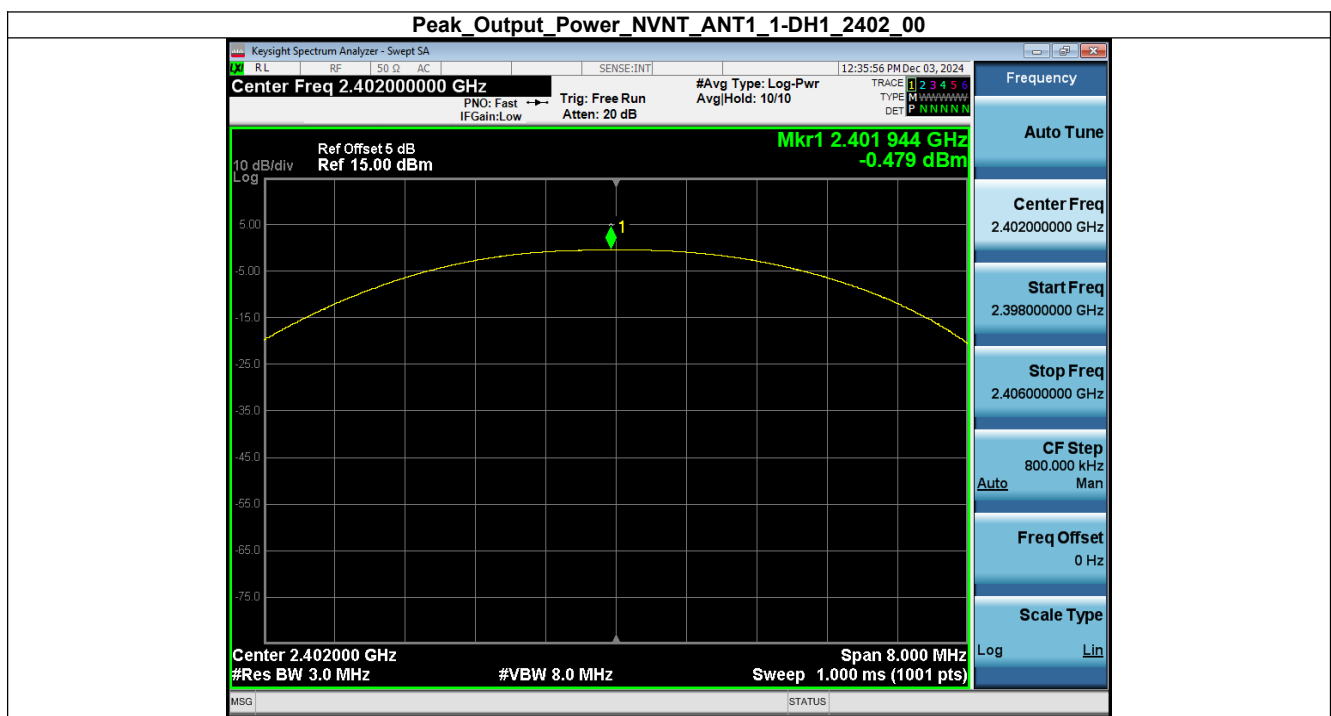


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00

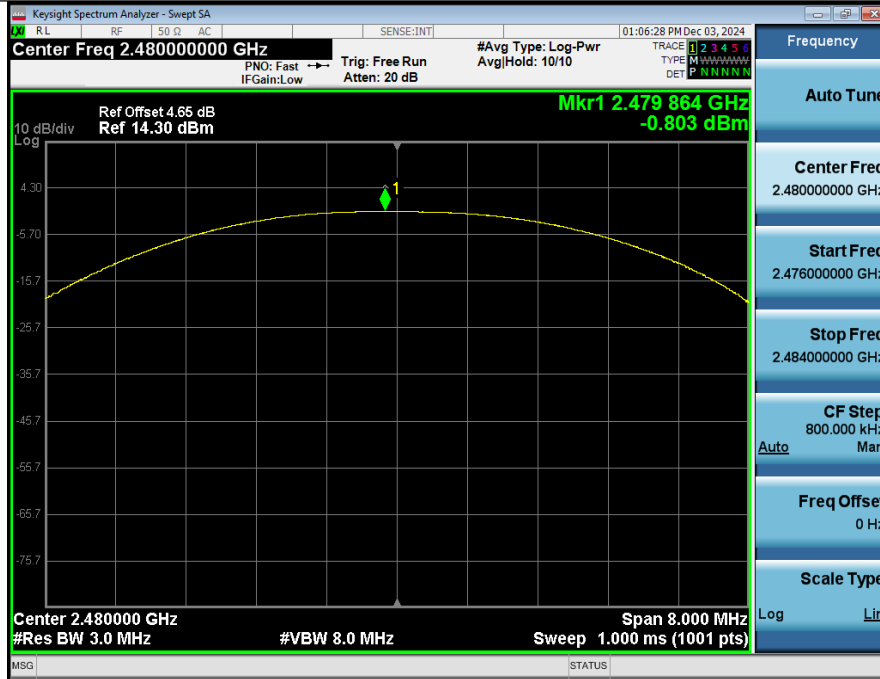


4. Peak Output Power

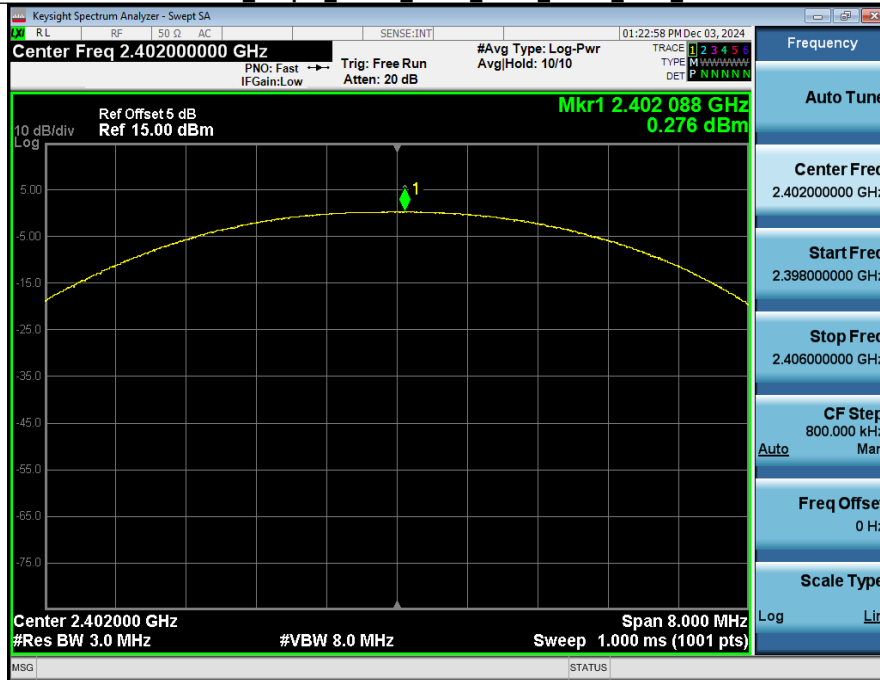
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	-0.48	0.90	125	Pass
NVNT	ANT1	1-DH1	2441.00	-0.57	0.88	125	Pass
NVNT	ANT1	1-DH1	2480.00	-0.80	0.83	125	Pass
NVNT	ANT1	2-DH1	2402.00	0.28	1.07	125	Pass
NVNT	ANT1	2-DH1	2441.00	0.14	1.03	125	Pass
NVNT	ANT1	2-DH1	2480.00	-0.06	0.99	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.78	1.20	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.64	1.16	125	Pass
NVNT	ANT1	3-DH1	2480.00	0.48	1.12	125	Pass



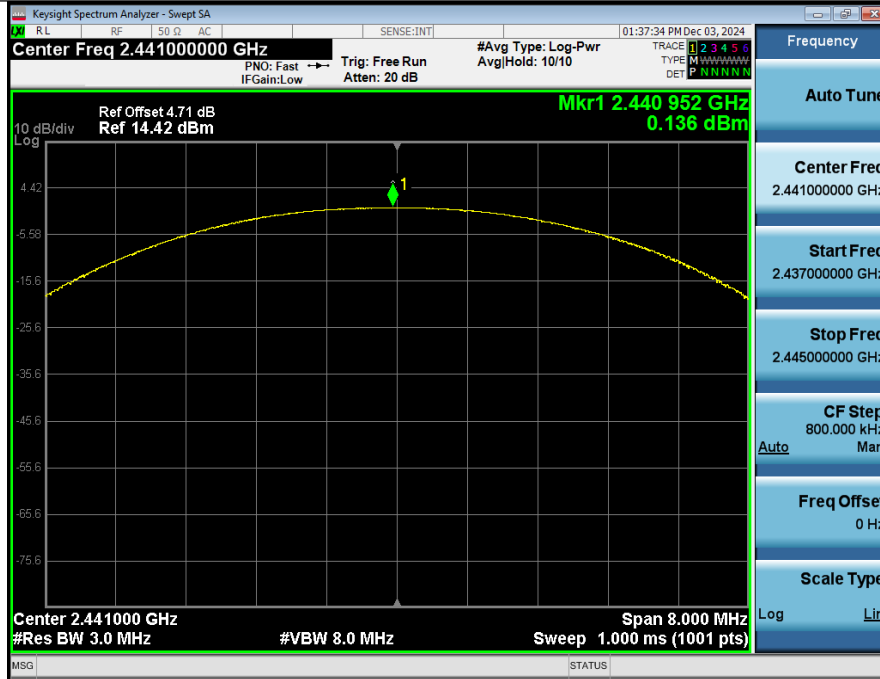
Peak Output Power_NVNT_ANT1_1-DH1_2480_00



Peak Output Power_NVNT_ANT1_2-DH1_2402_00



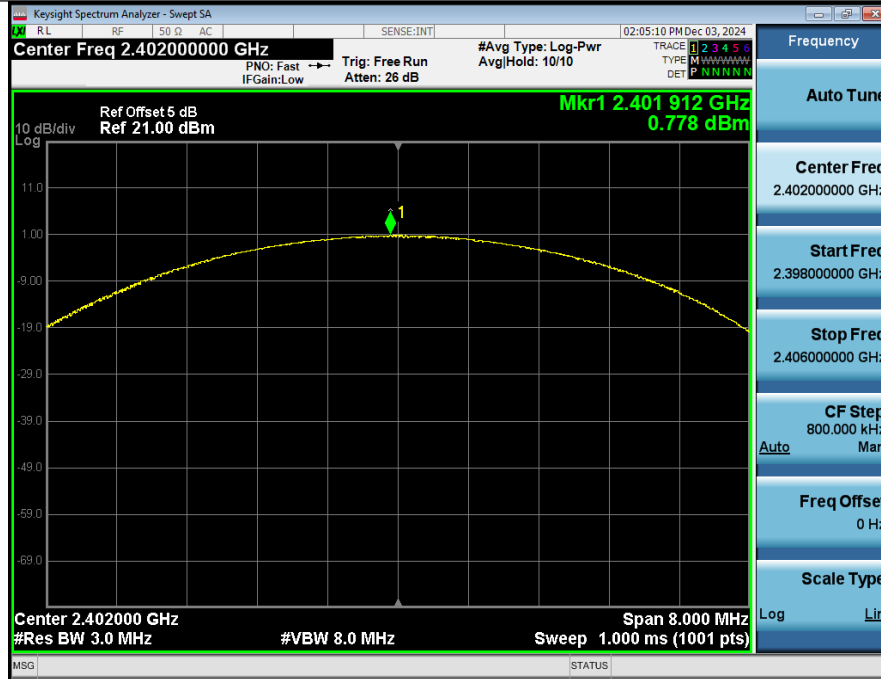
Peak Output Power_NVNT_ANT1_2-DH1_2441_00



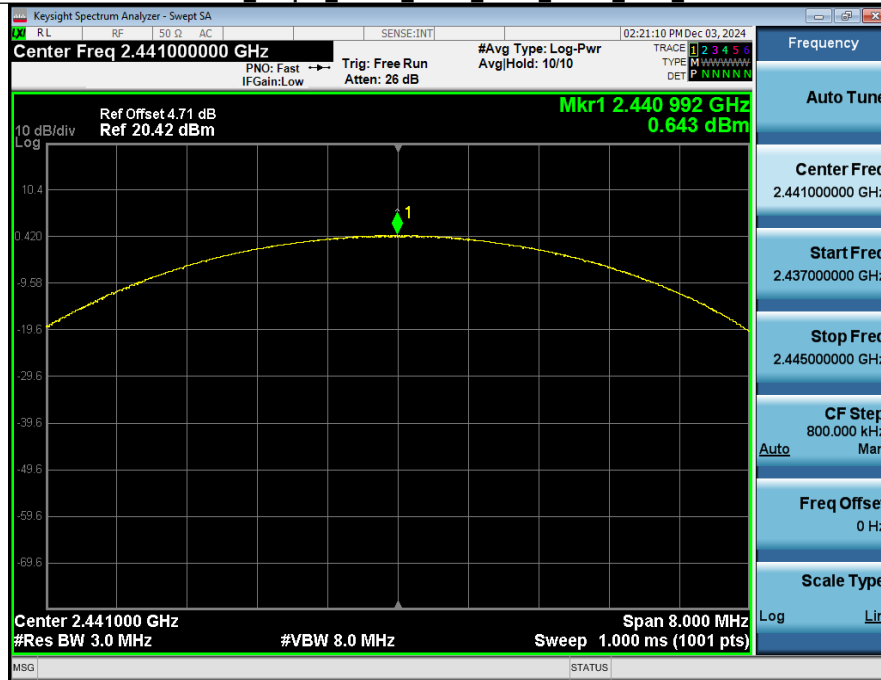
Peak Output Power_NVNT_ANT1_2-DH1_2480_00



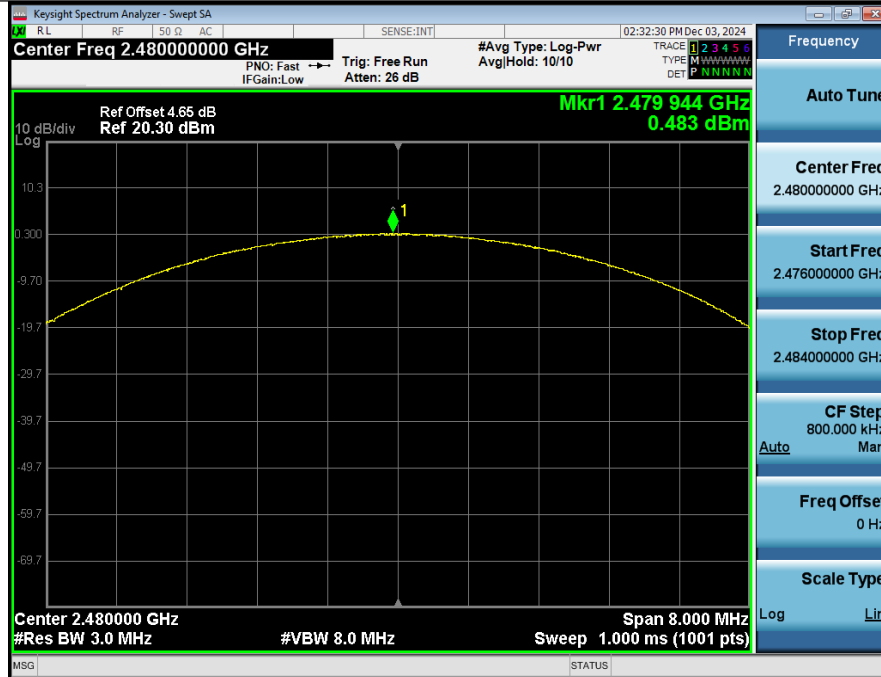
Peak Output Power_NVNT_ANT1_3-DH1_2402_00



Peak Output Power_NVNT_ANT1_3-DH1_2441_00

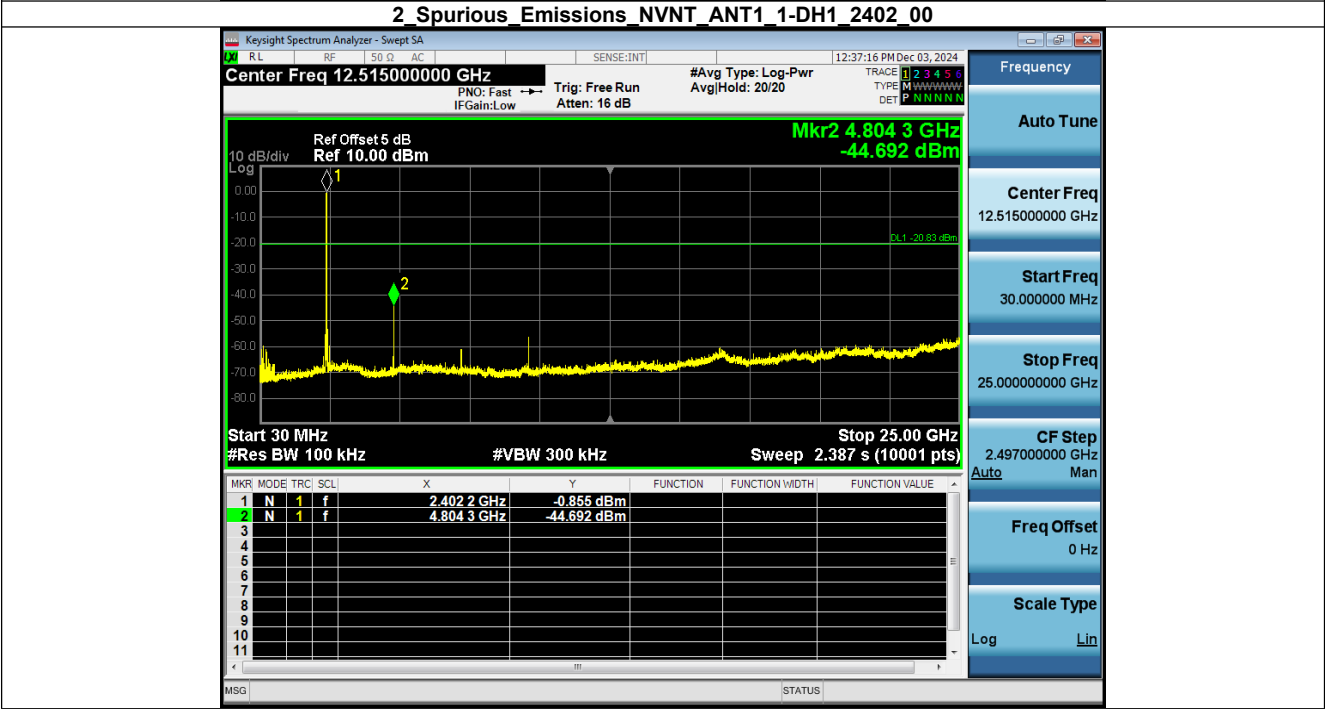


Peak Output Power_NVNT_ANT1_3-DH1_2480_00

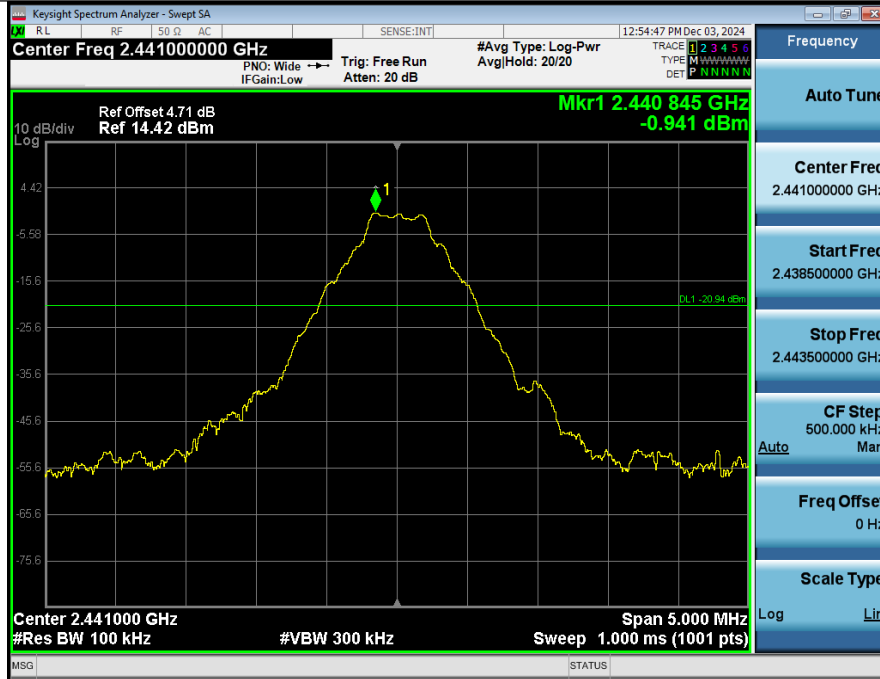


5. Spurious Emissions

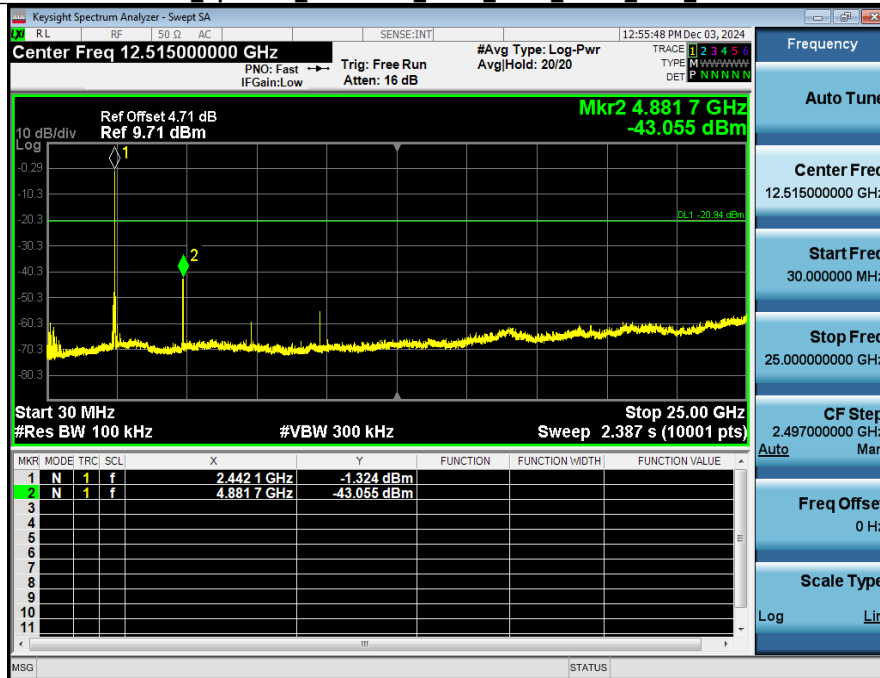
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-44.692	-20.834	Pass
NVNT	ANT1	1-DH1	2441.00	-43.055	-20.941	Pass
NVNT	ANT1	1-DH1	2480.00	-47.423	-21.266	Pass
NVNT	ANT1	2-DH1	2402.00	-42.951	-20.760	Pass
NVNT	ANT1	2-DH1	2441.00	-46.132	-20.946	Pass
NVNT	ANT1	2-DH1	2480.00	-43.950	-21.242	Pass
NVNT	ANT1	3-DH1	2402.00	-44.318	-20.796	Pass
NVNT	ANT1	3-DH1	2441.00	-43.284	-20.988	Pass
NVNT	ANT1	3-DH1	2480.00	-45.142	-21.218	Pass



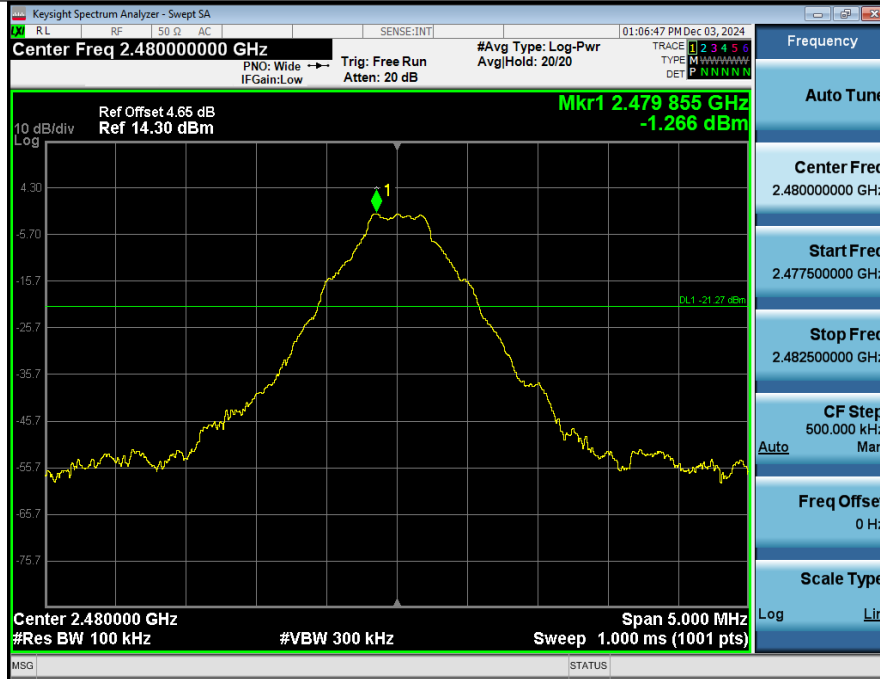
1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



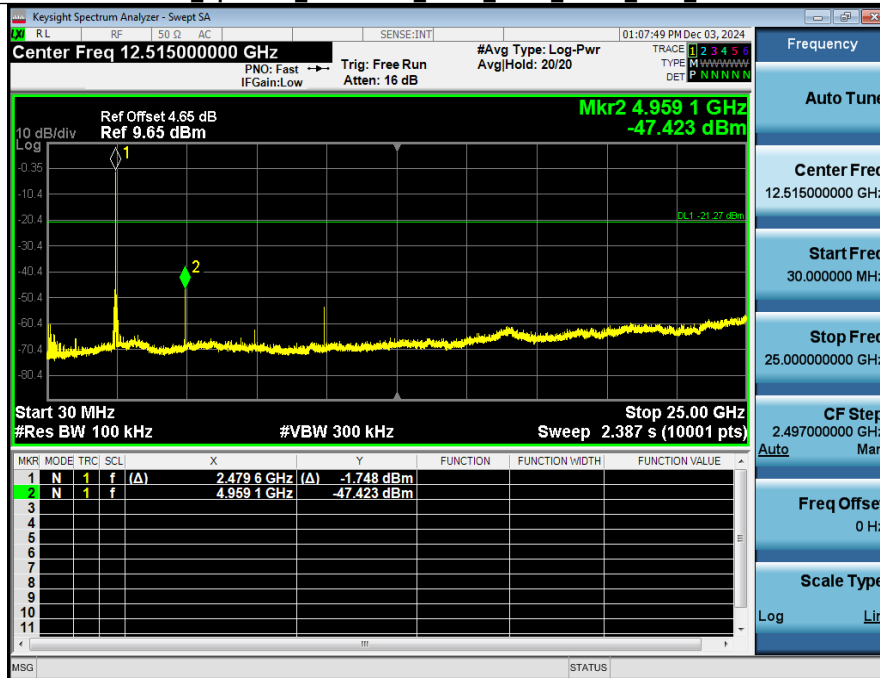
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



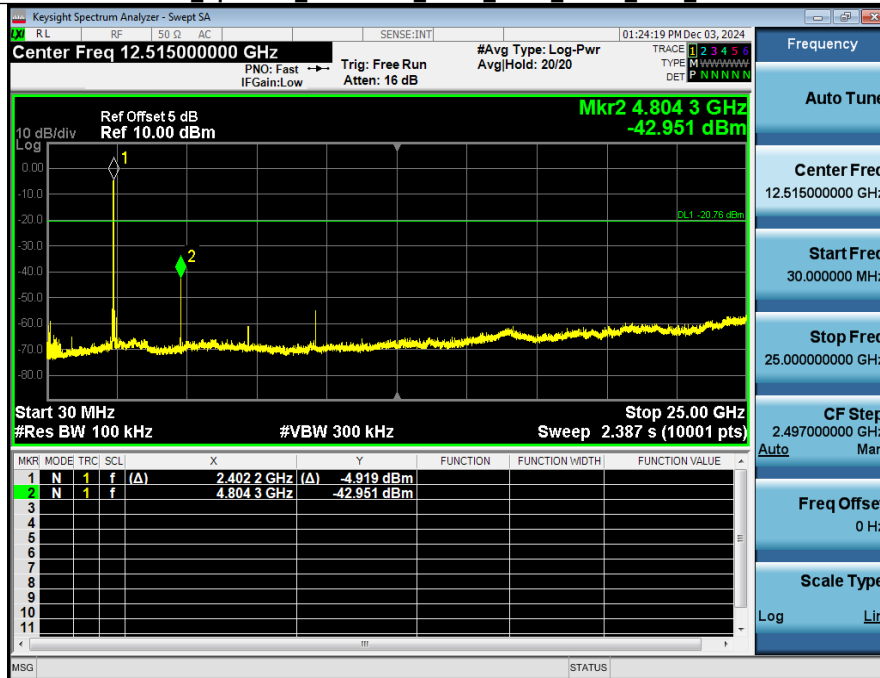
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



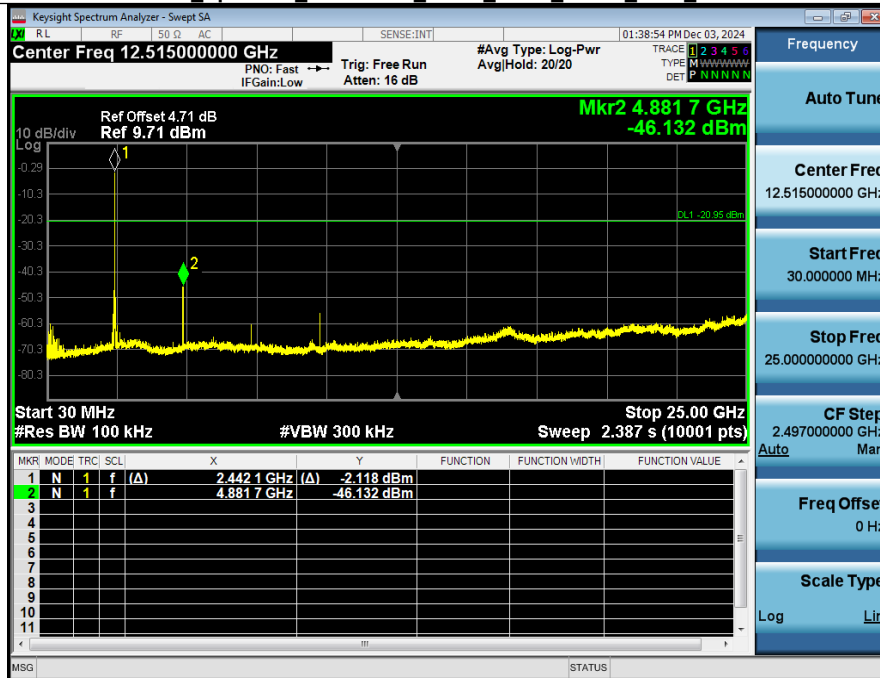
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_NVNT_ANT1_2-DH1_2441_00



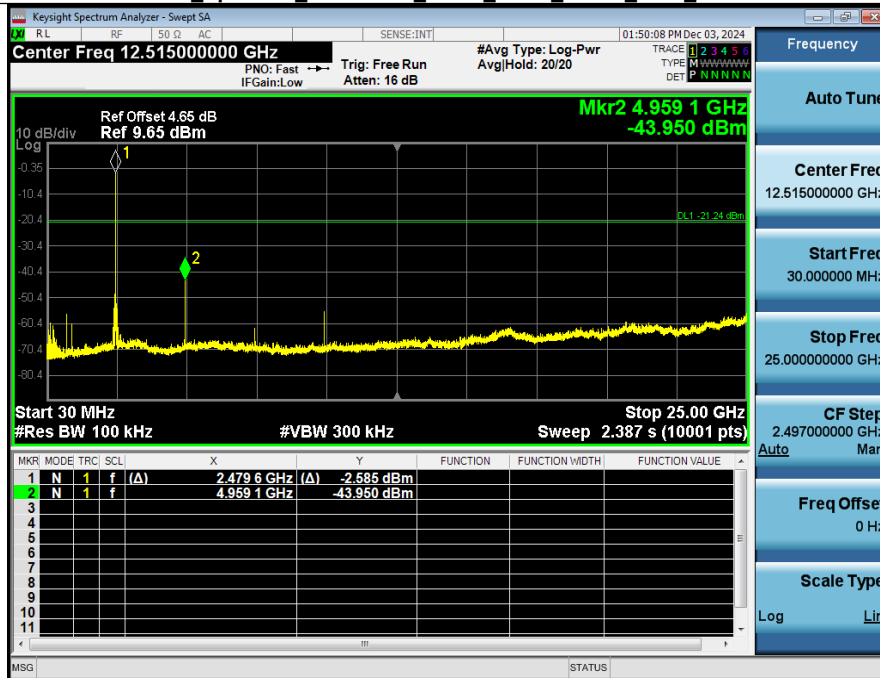
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1 Reference_Level_NVNT_ANT1_2-DH1_2480_00



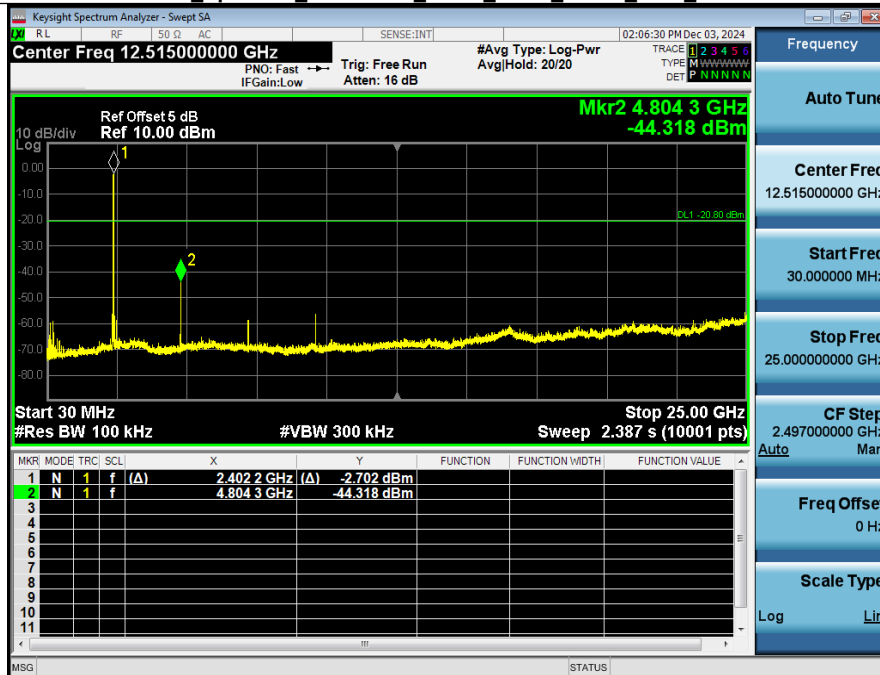
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



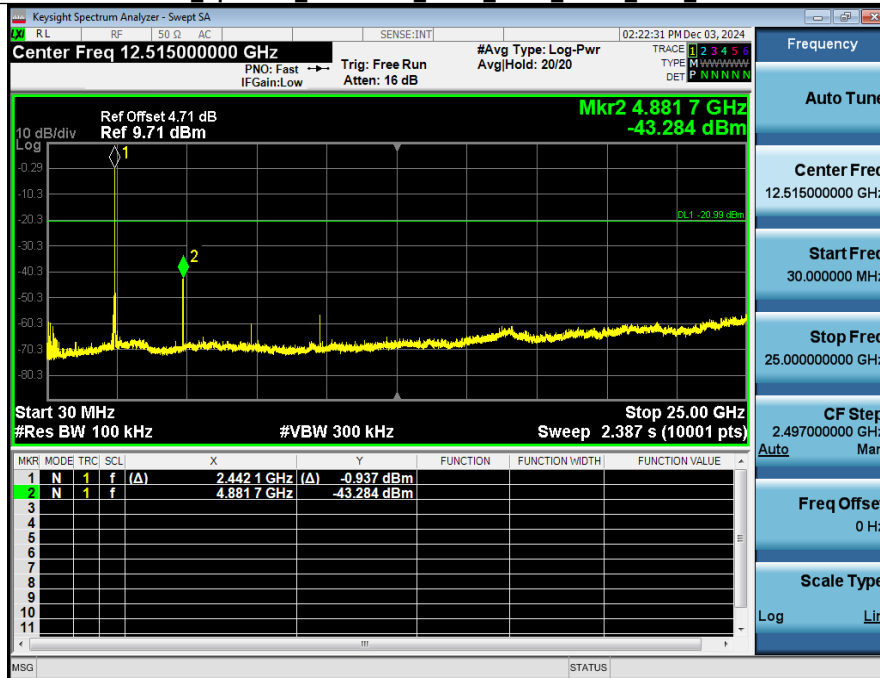
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



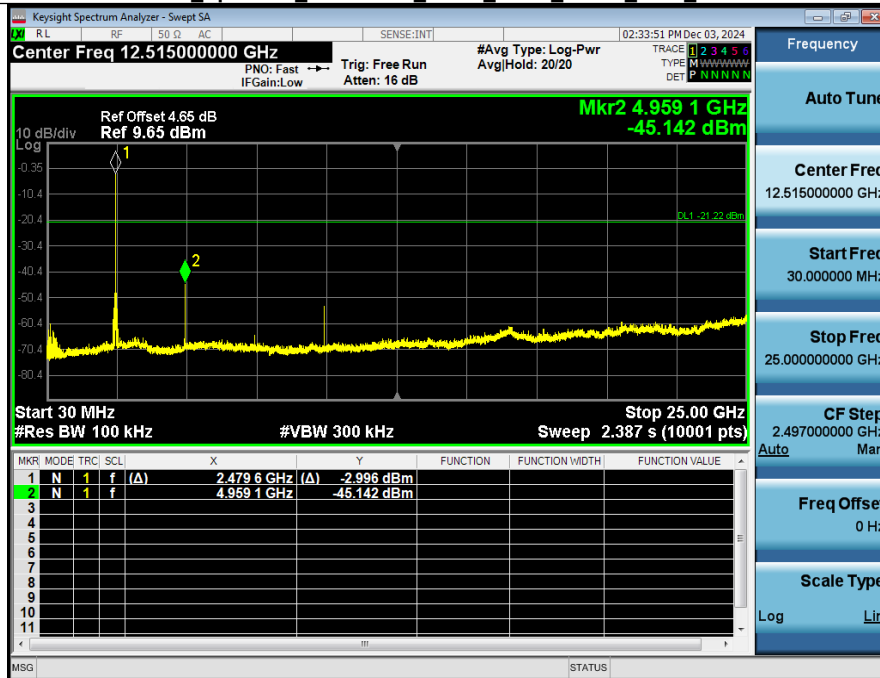
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1 Reference_Level_NVNT_ANT1_3-DH1_2480_00

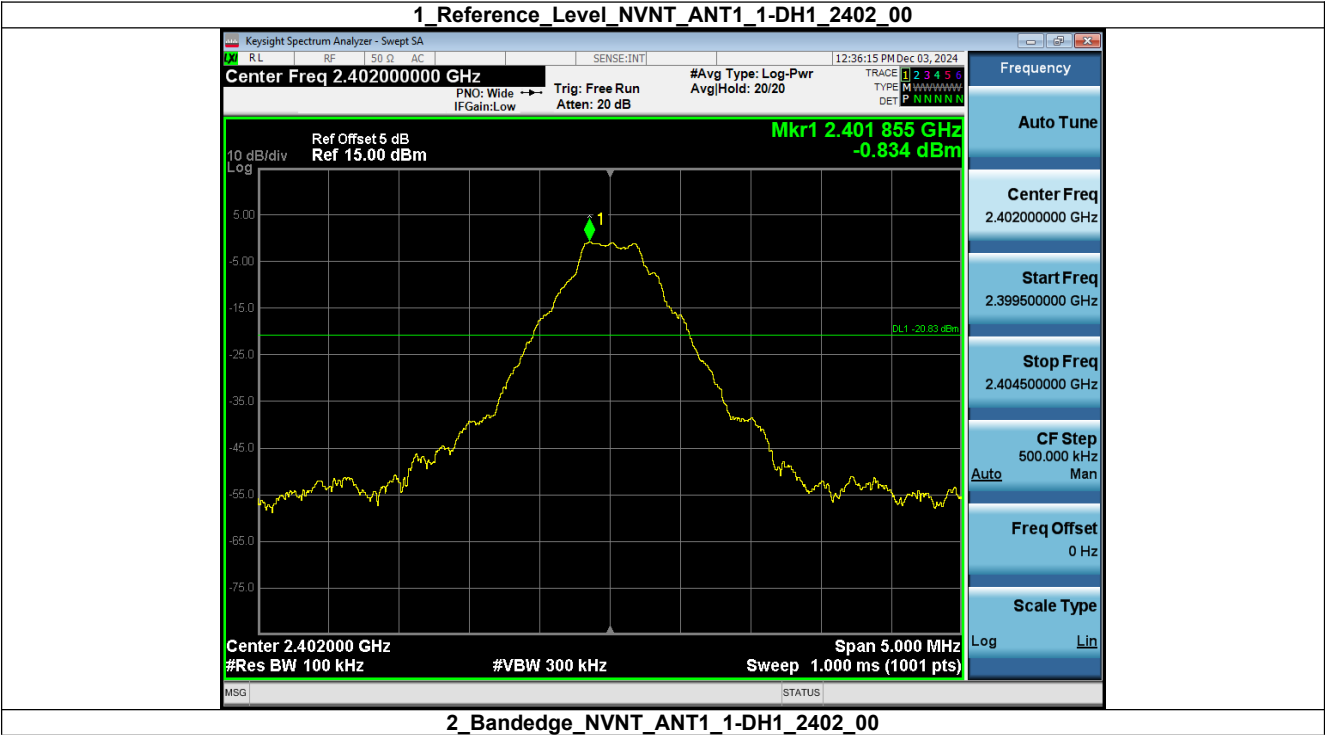


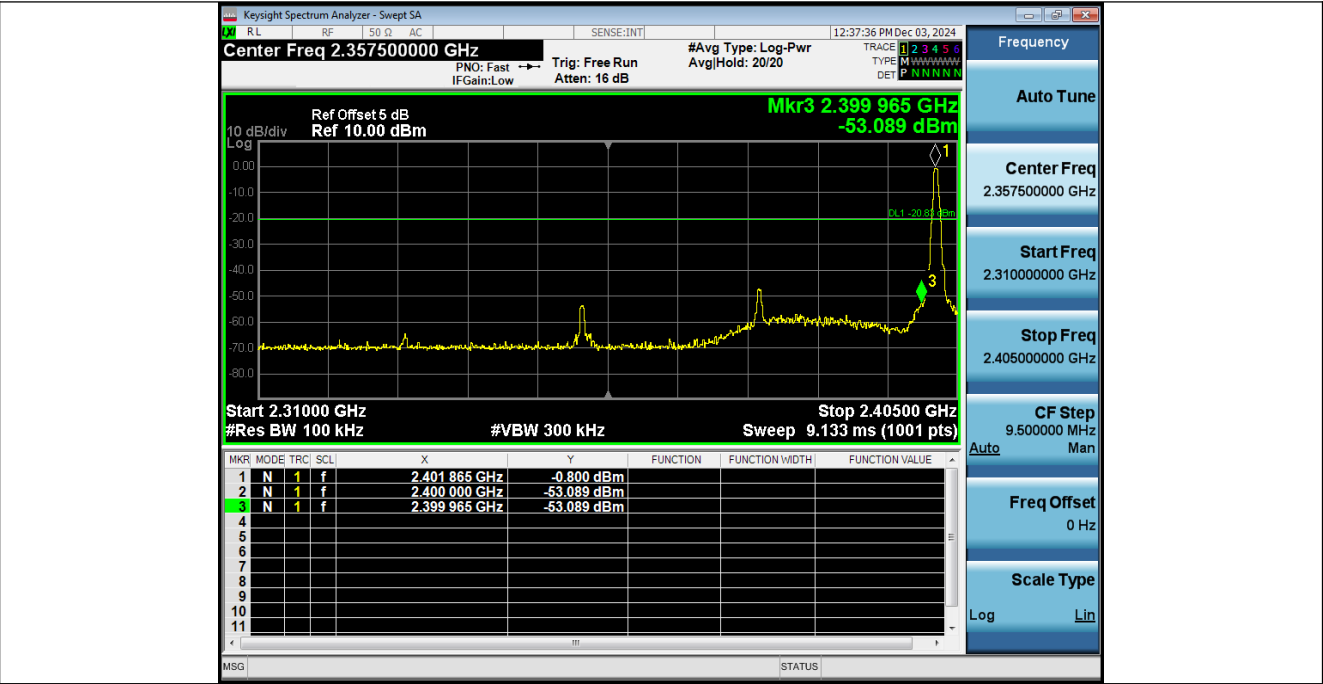
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00



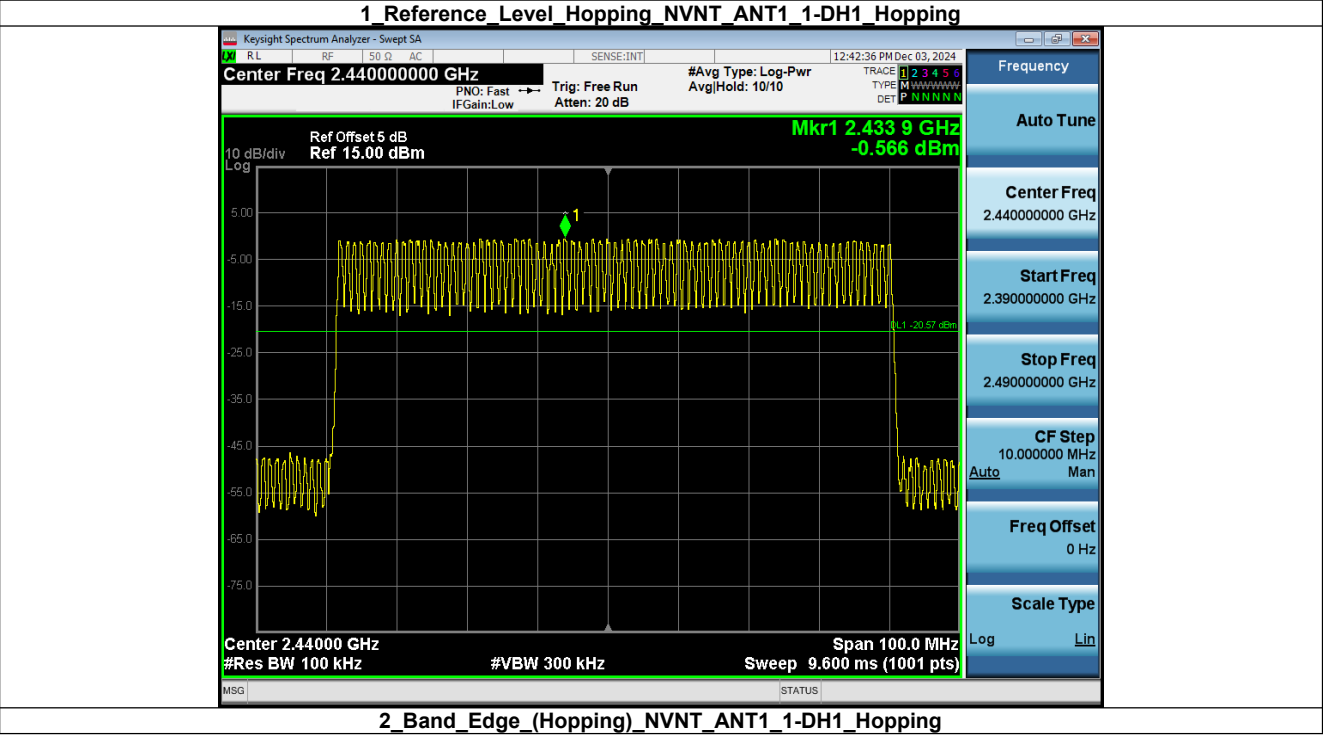
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-53.089	-20.834	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-46.381	-20.566	Pass
NVNT	ANT1	1-DH1	2480.00	-57.614	-21.266	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-47.362	-20.900	Pass
NVNT	ANT1	2-DH1	2402.00	-51.613	-20.760	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-46.373	-20.545	Pass
NVNT	ANT1	2-DH1	2480.00	-57.382	-21.242	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-47.477	-20.909	Pass
NVNT	ANT1	3-DH1	2402.00	-52.737	-20.796	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-46.411	-20.604	Pass
NVNT	ANT1	3-DH1	2480.00	-57.052	-21.218	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-47.466	-20.876	Pass

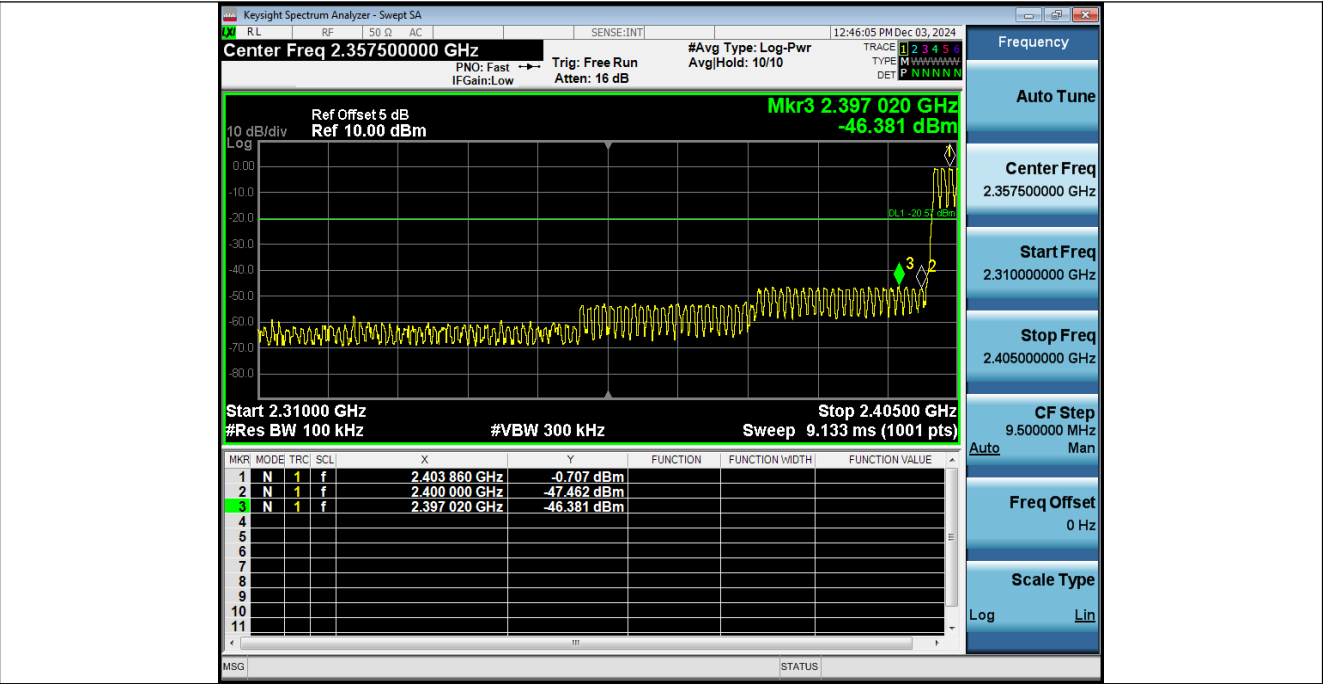




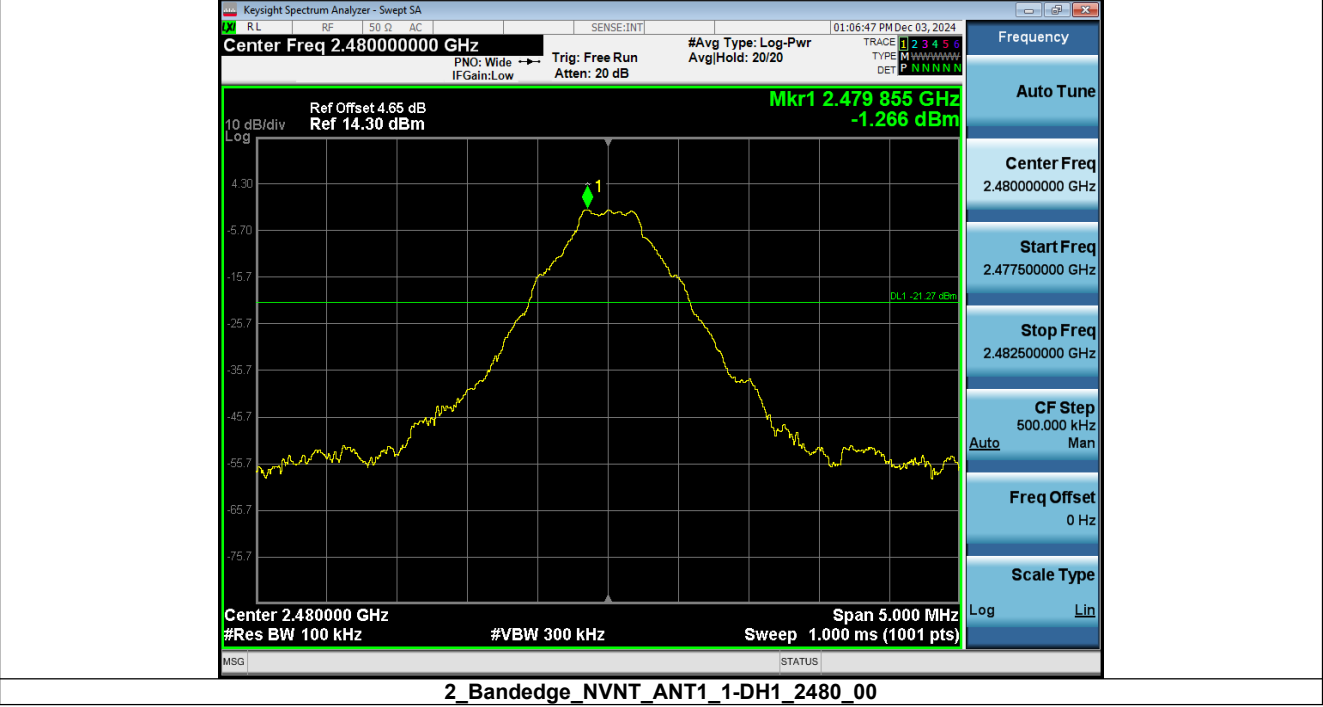
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



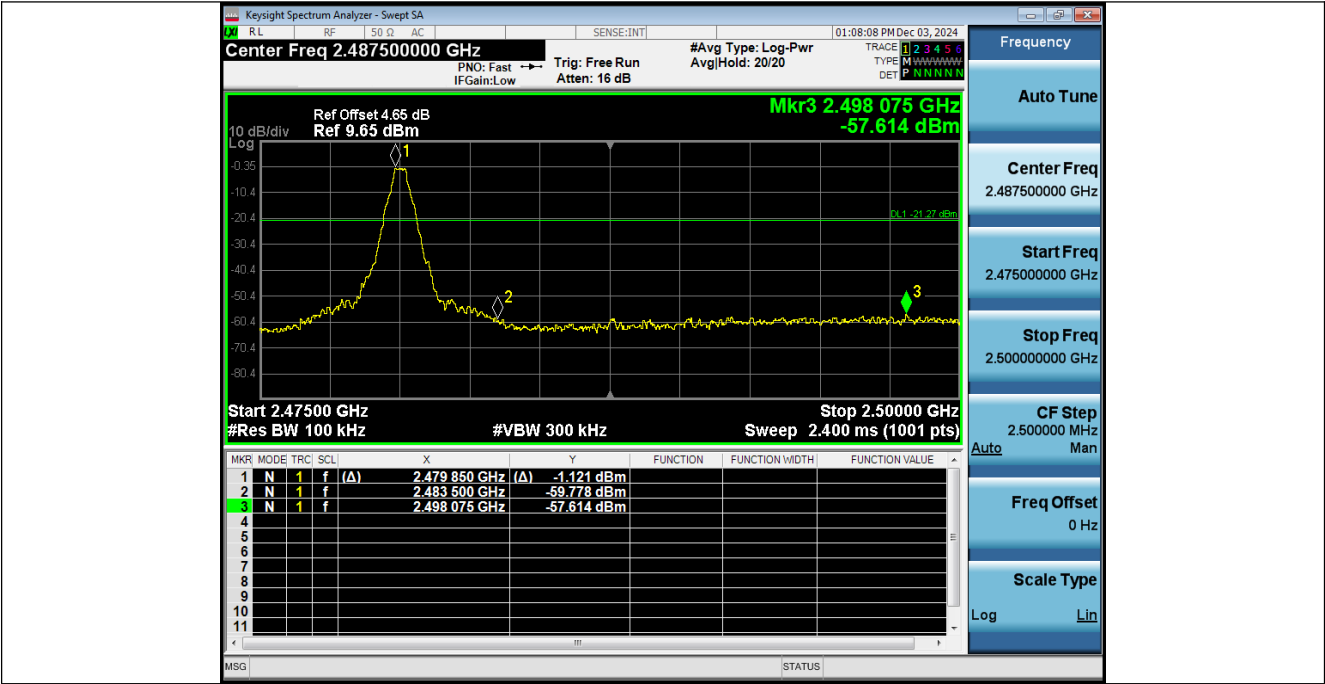
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



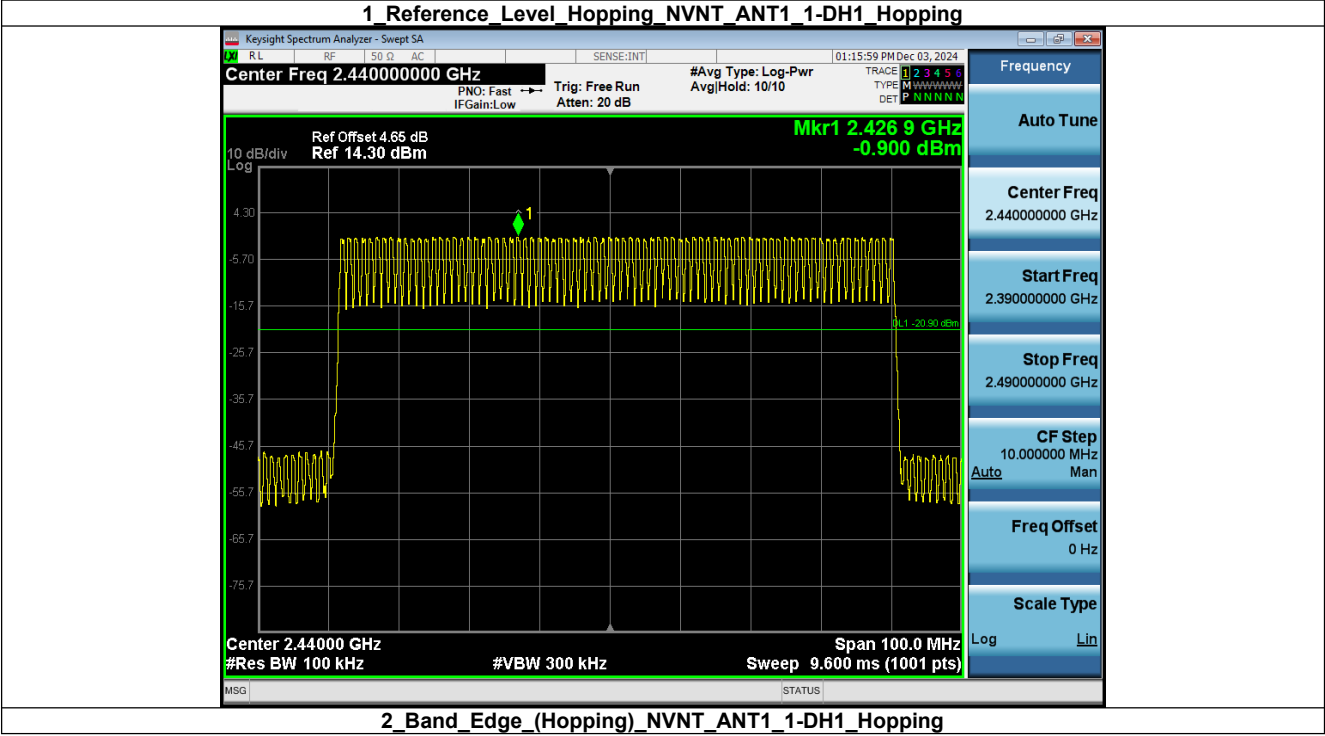
1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



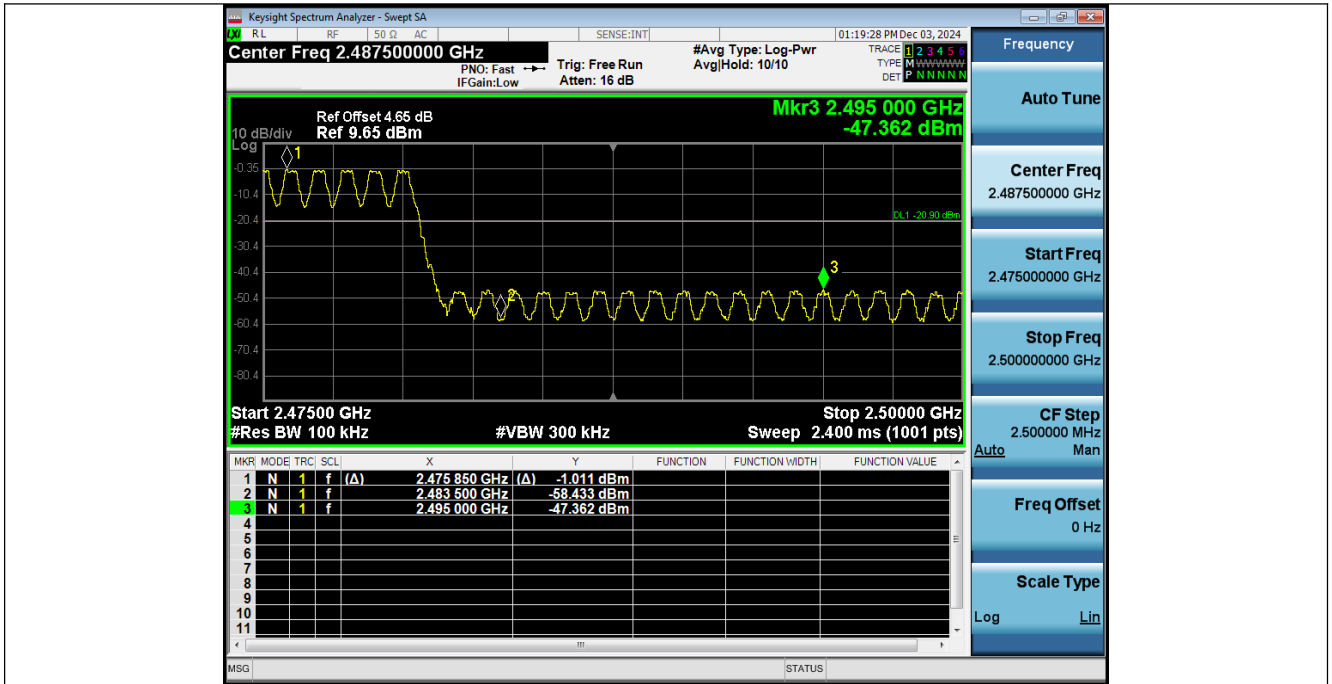
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



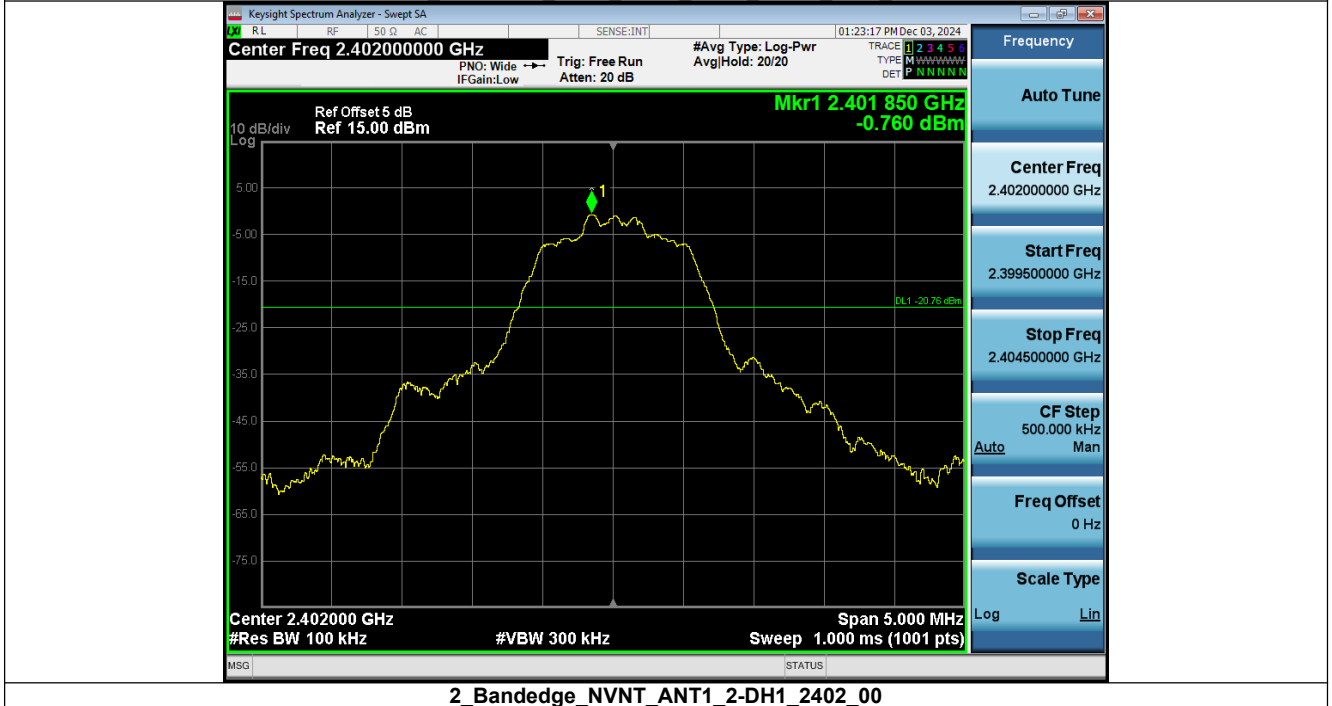
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



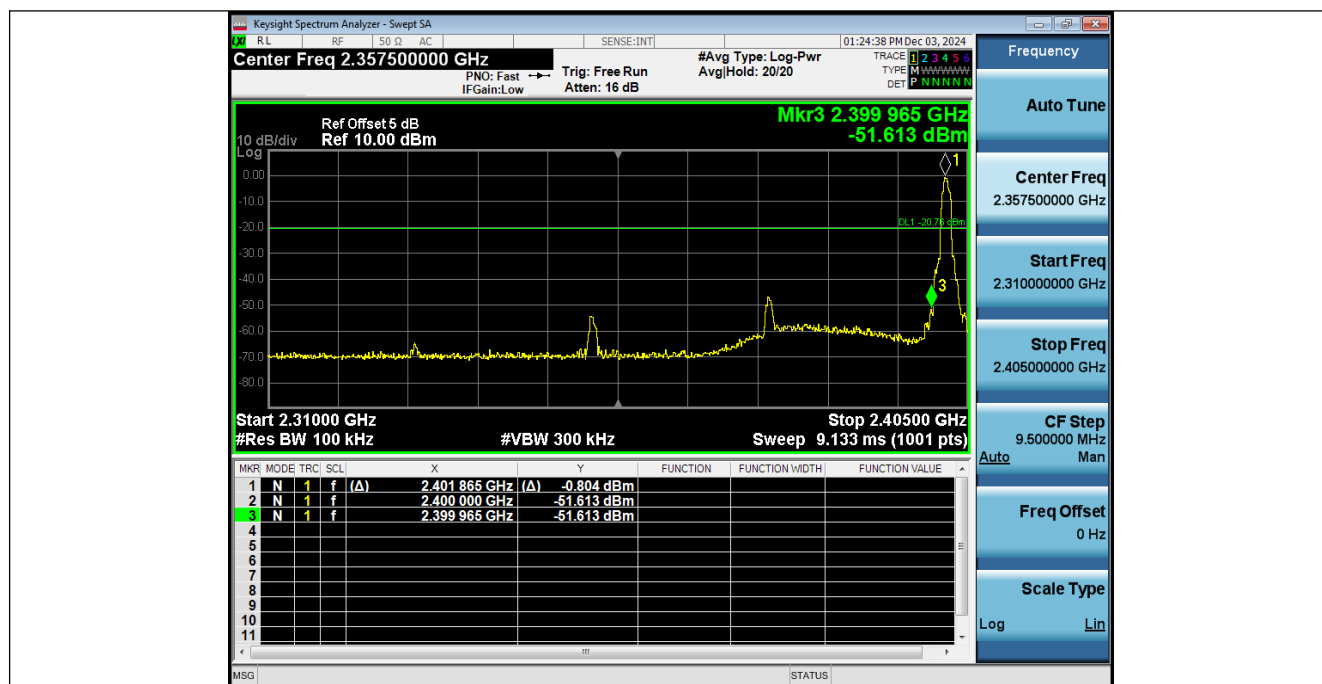
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



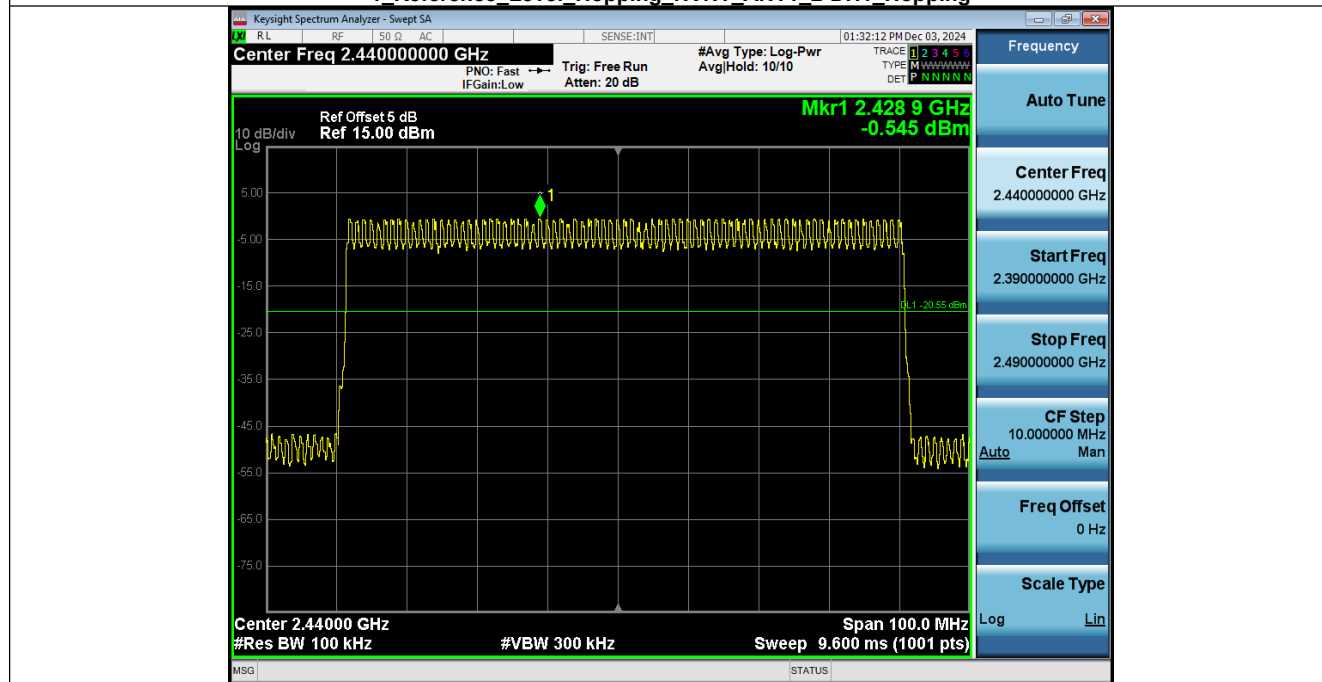
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



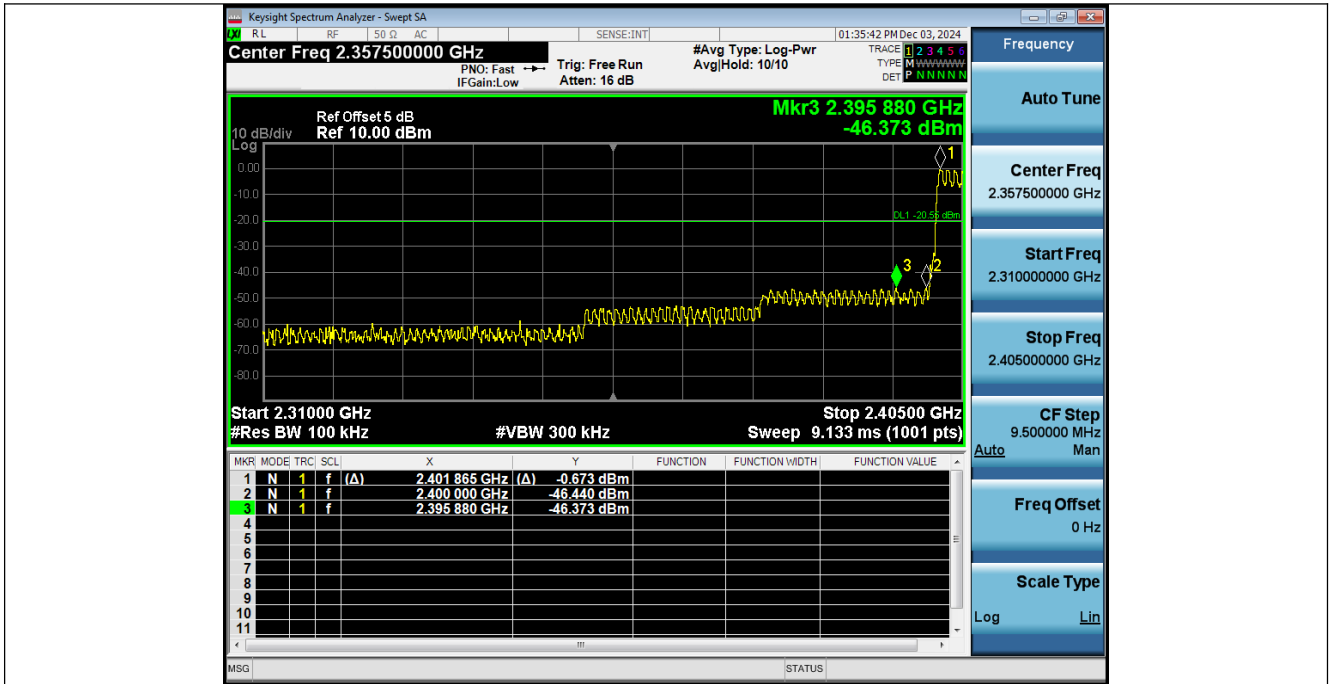
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



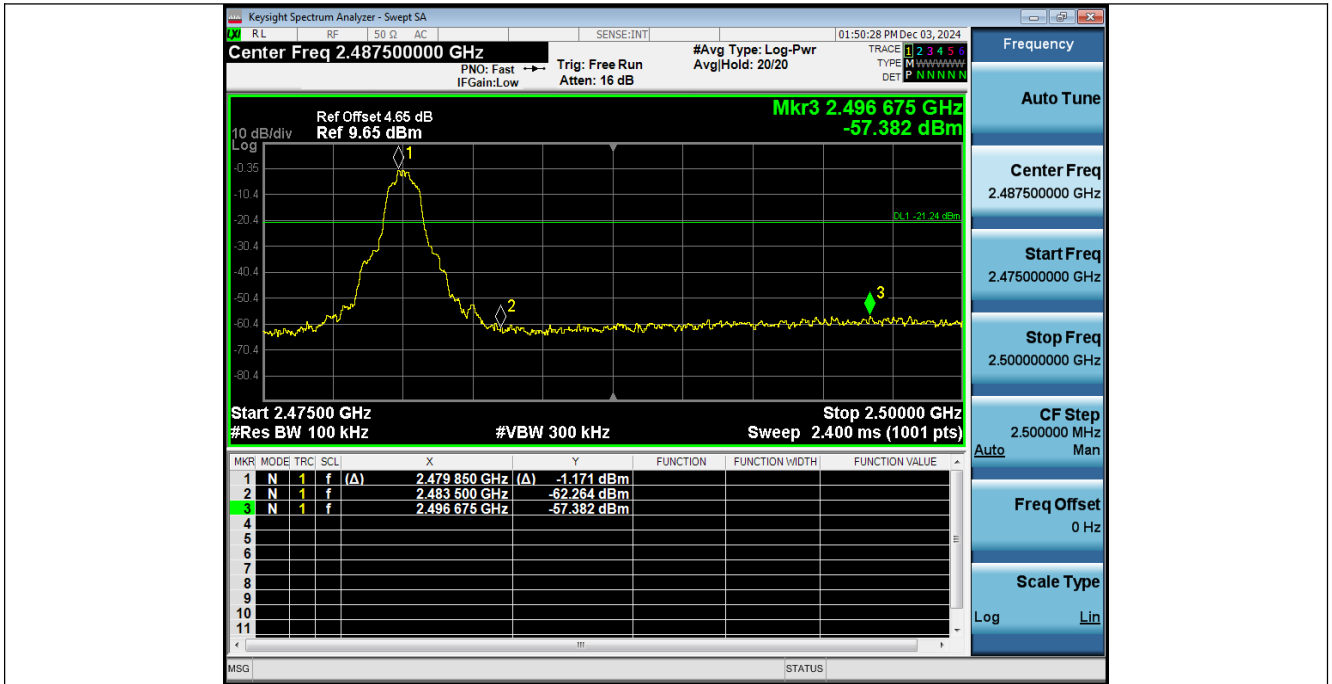
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



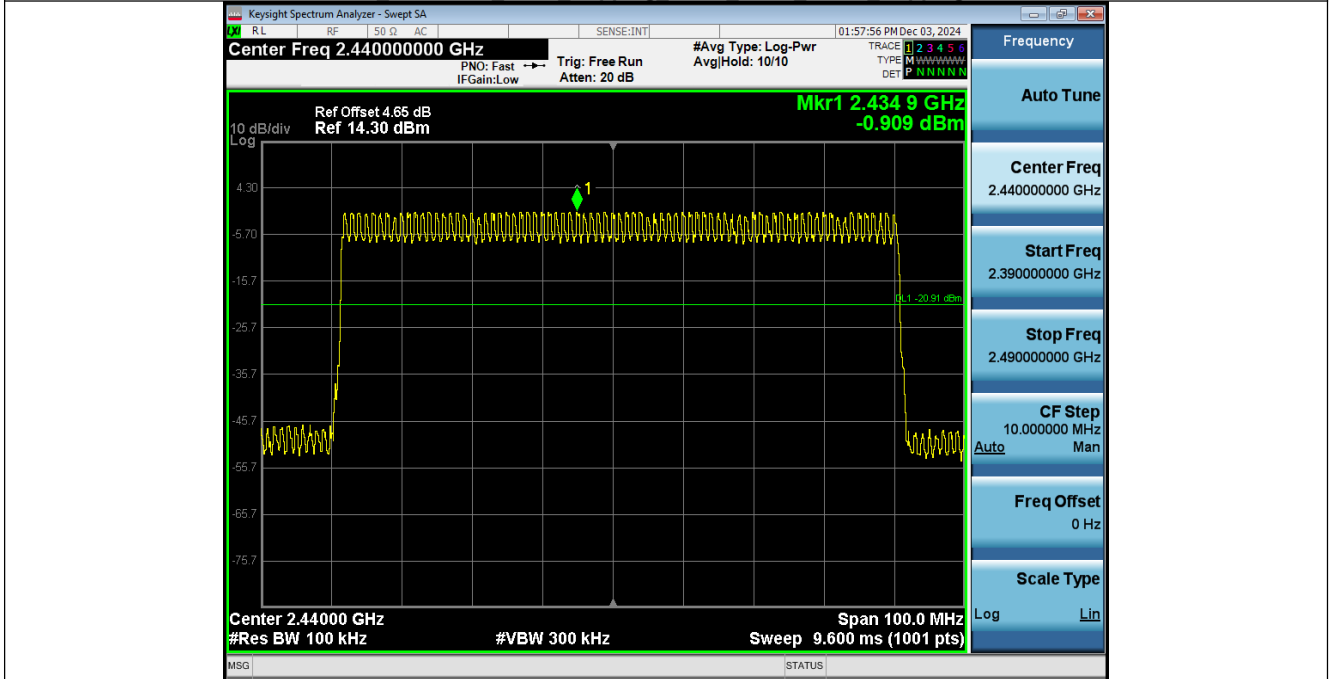
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



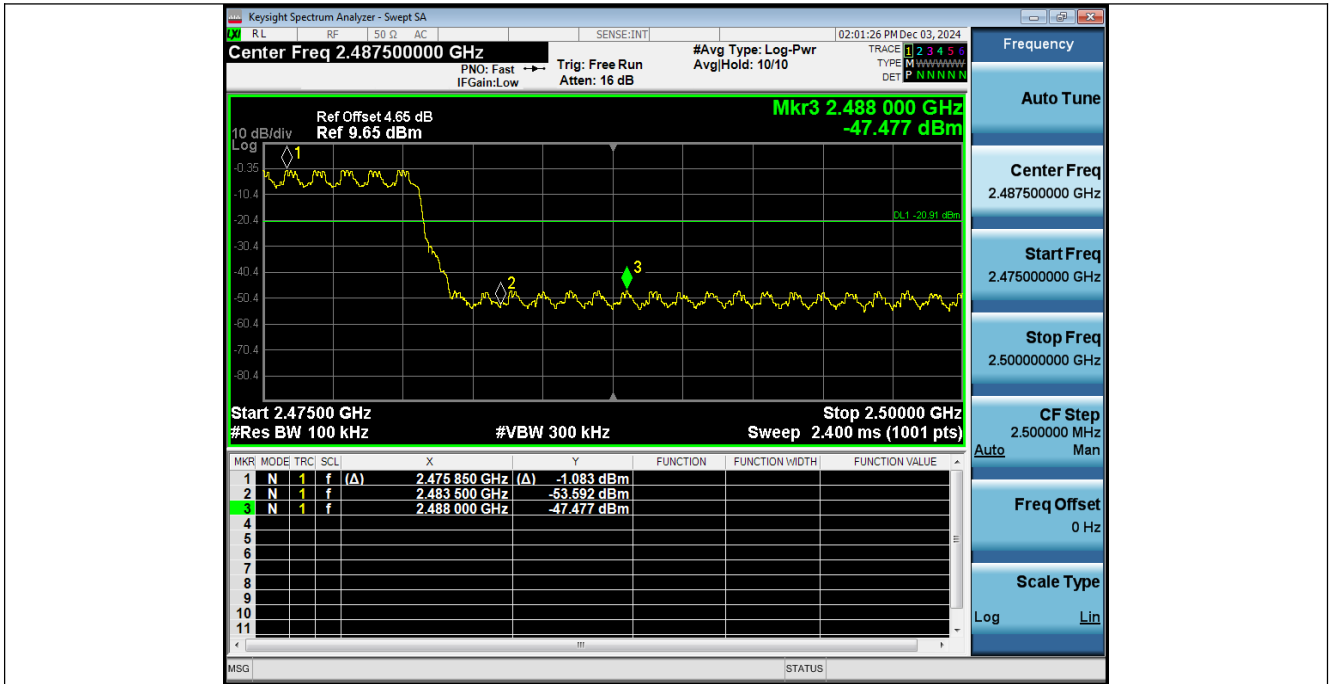
2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



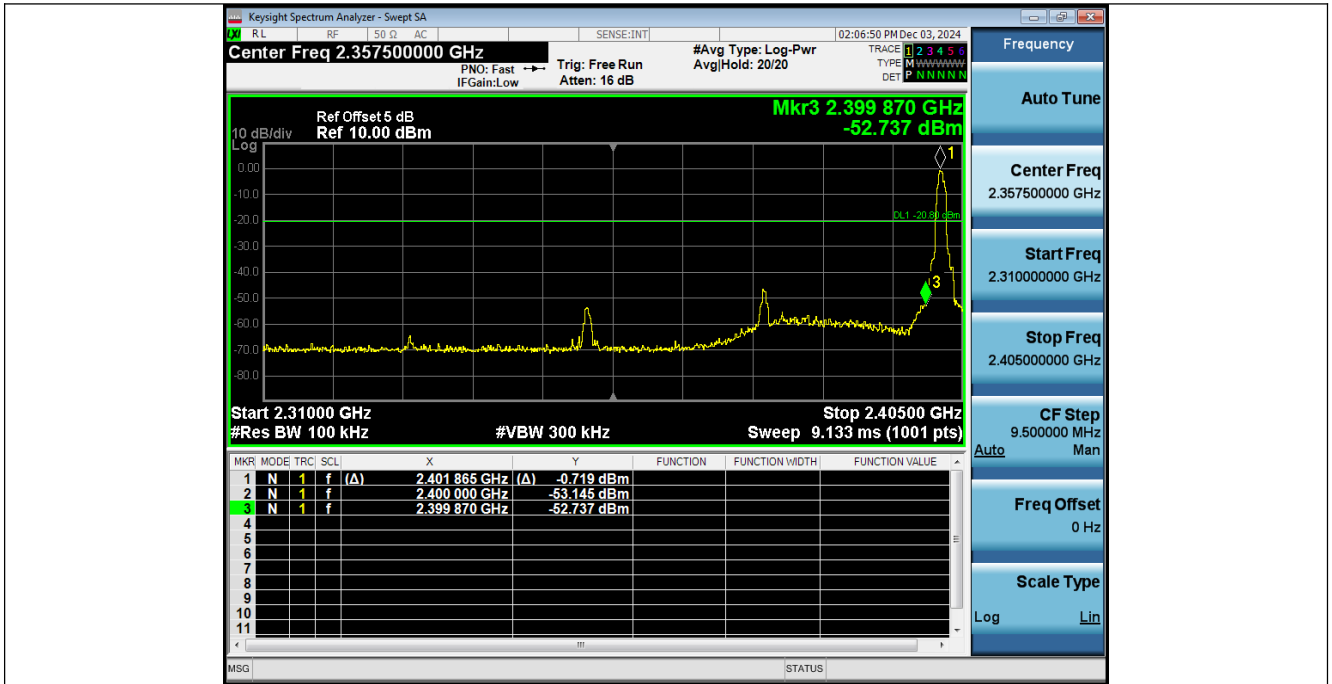
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



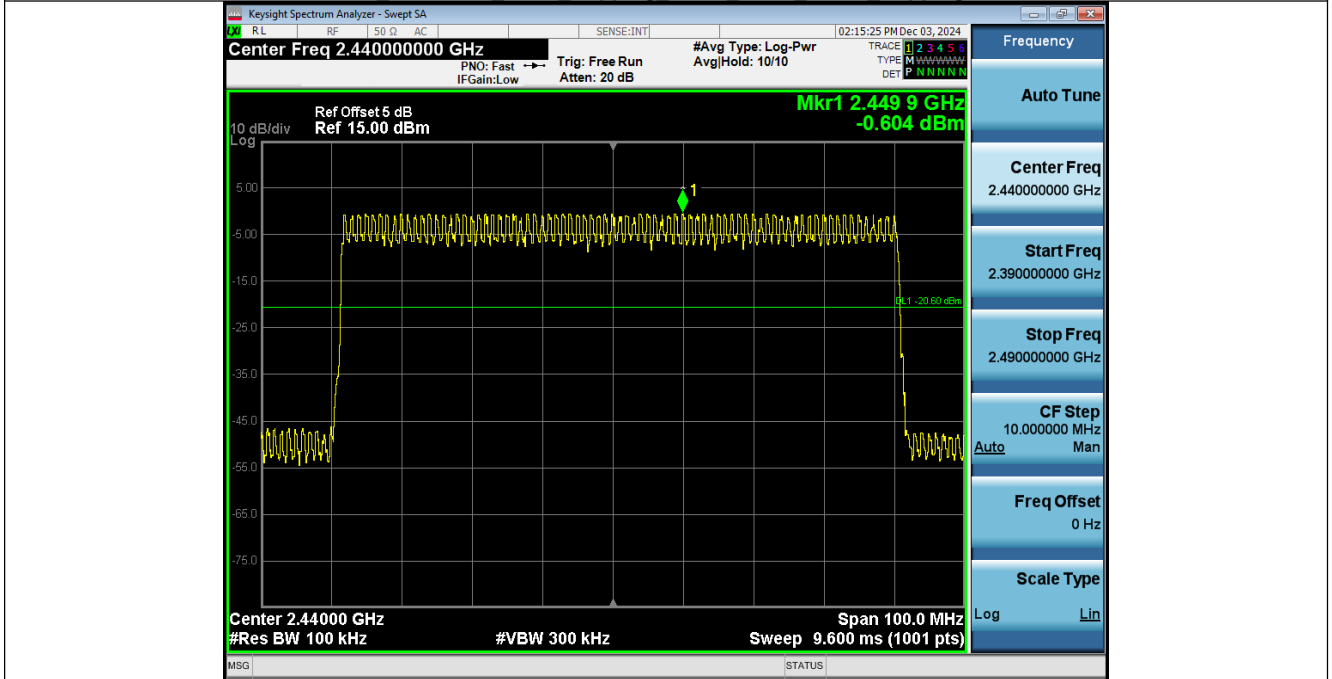
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



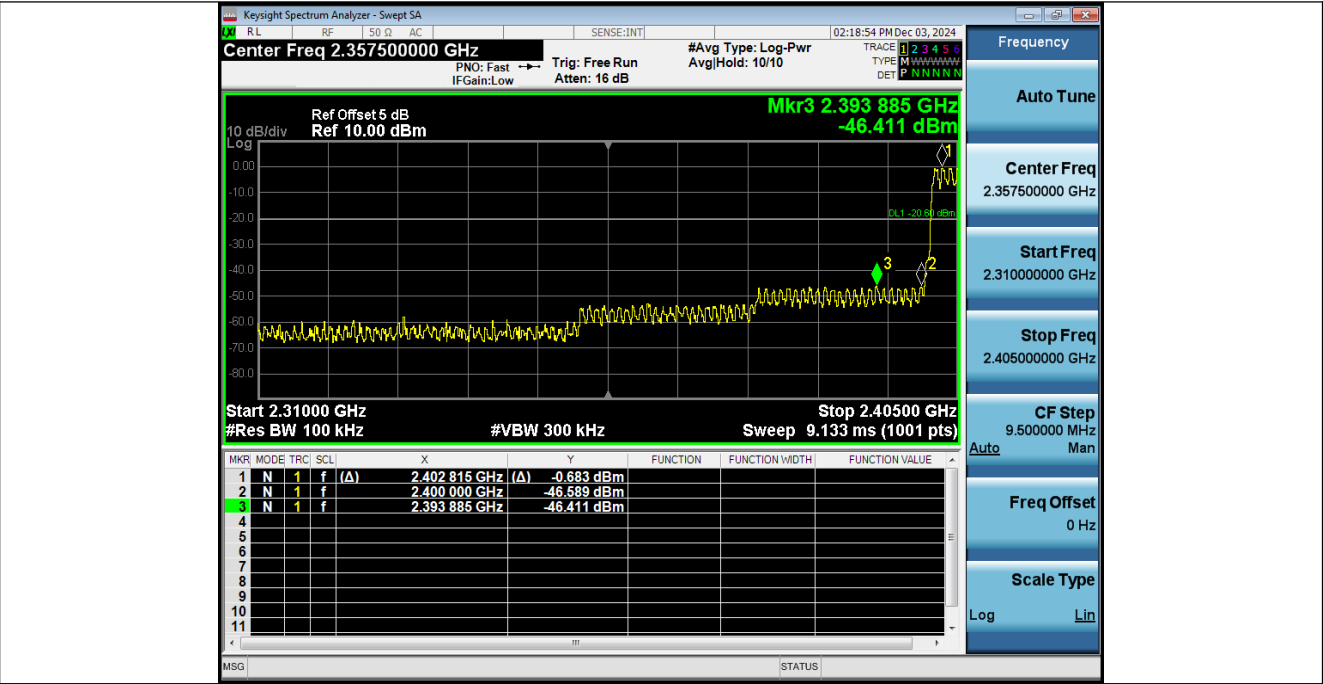
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



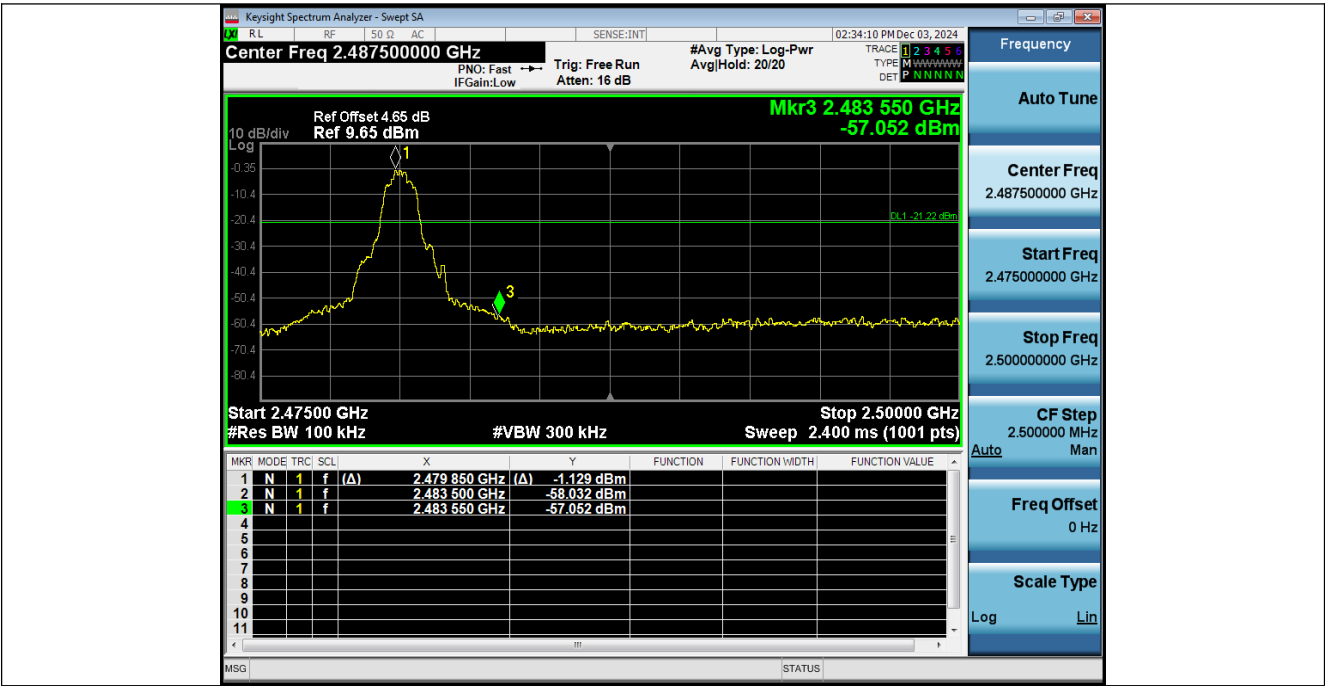
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



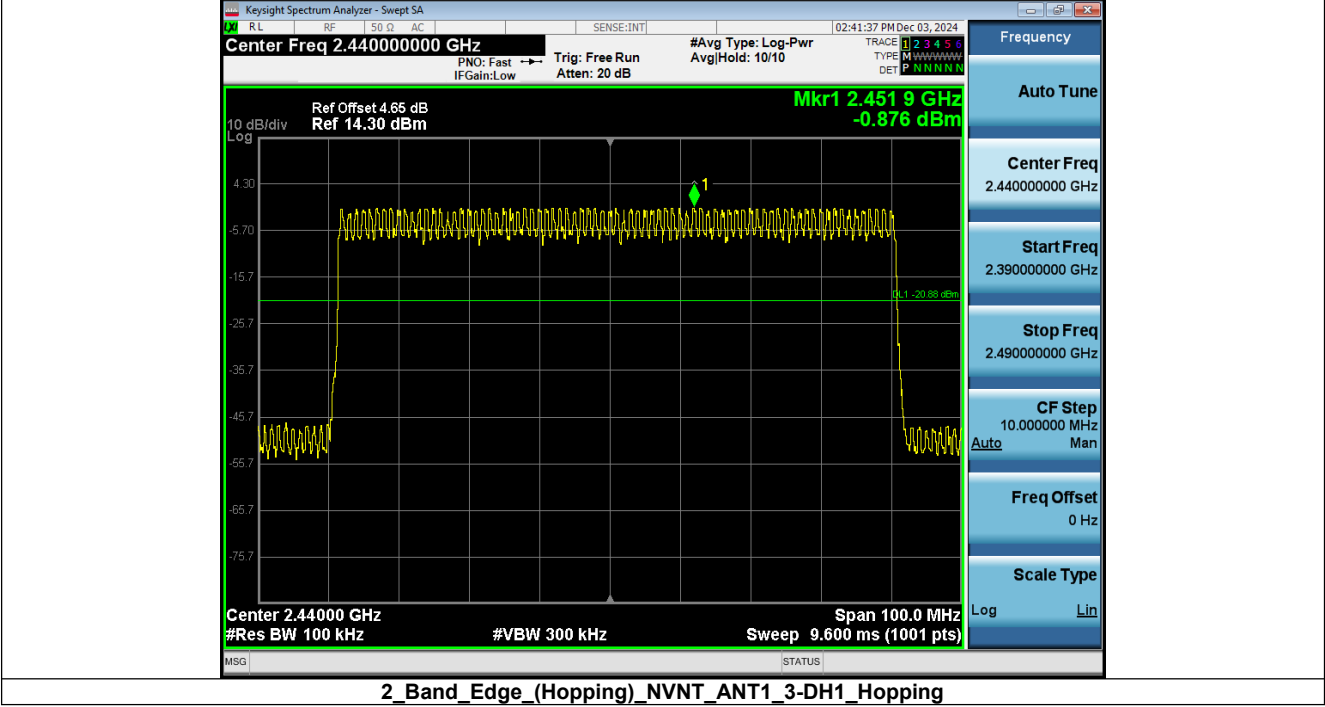
1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



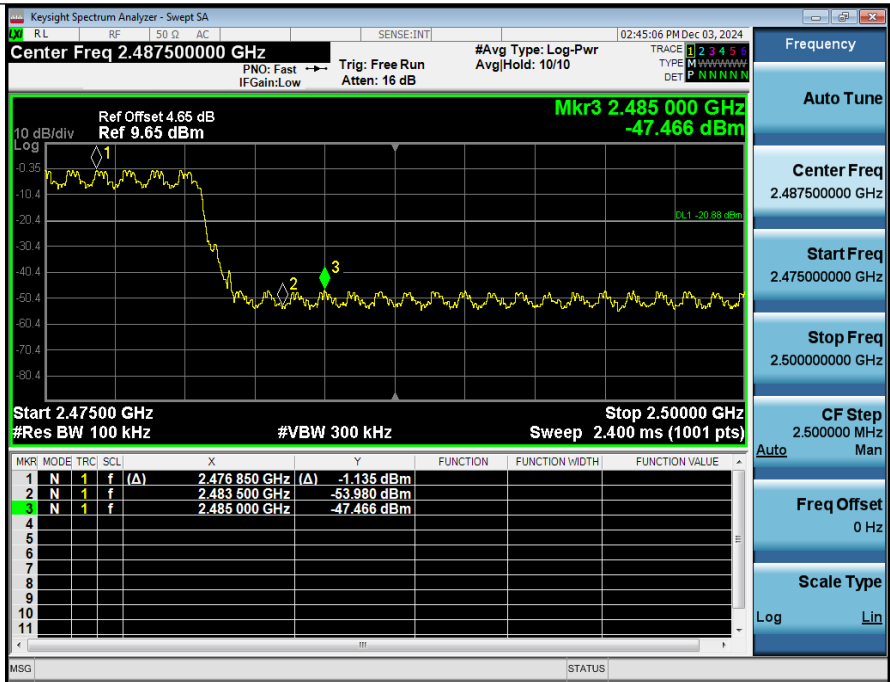
2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

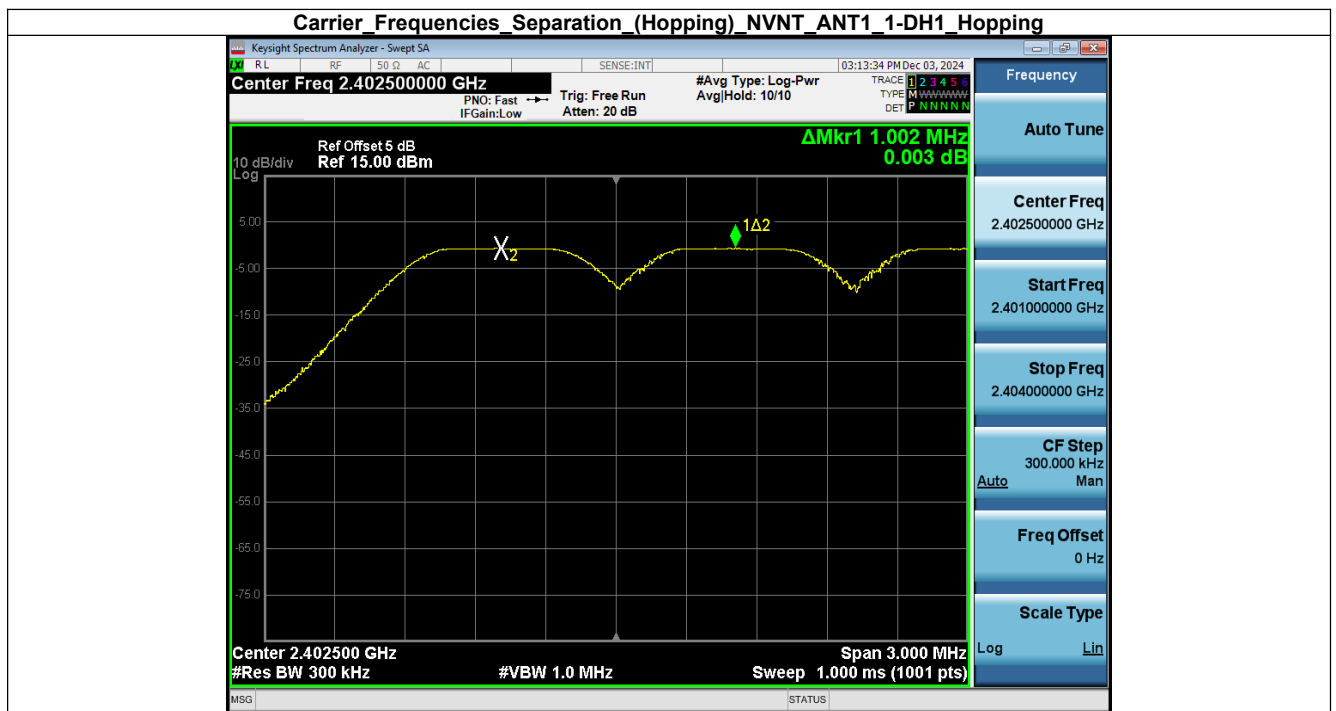


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

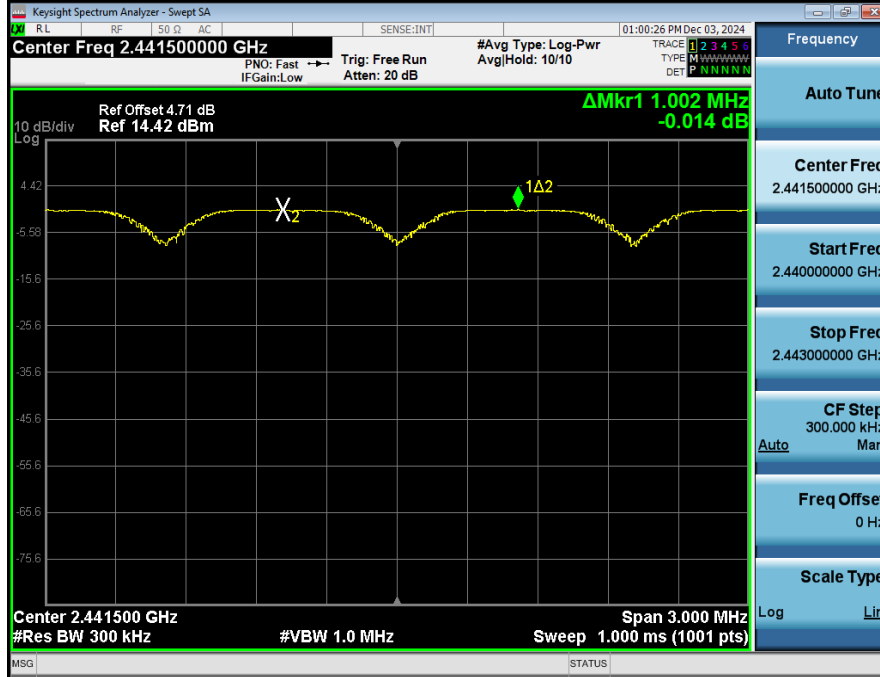


7. Carrier Frequencies Separation (Hopping)

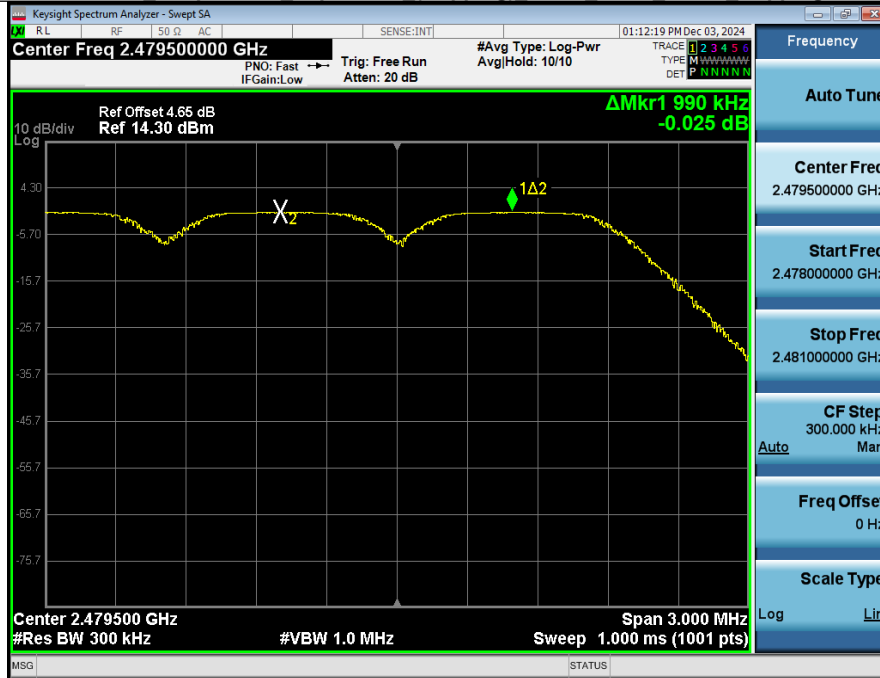
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2402.008	2403.010	1.00	0.684	Pass
NVNT	ANT1	1-DH1	2441.00	2441.014	2442.016	1.00	0.691	Pass
NVNT	ANT1	1-DH1	2480.00	2479.002	2479.992	0.99	0.695	Pass
NVNT	ANT1	2-DH1	2402.00	2402.002	2402.995	0.99	0.868	Pass
NVNT	ANT1	2-DH1	2441.00	2441.011	2442.004	0.99	0.867	Pass
NVNT	ANT1	2-DH1	2480.00	2478.996	2479.995	1.00	0.861	Pass
NVNT	ANT1	3-DH1	2402.00	2401.999	2403.004	1.00	0.843	Pass
NVNT	ANT1	3-DH1	2441.00	2440.999	2442.007	1.01	0.848	Pass
NVNT	ANT1	3-DH1	2480.00	2479.005	2480.013	1.01	0.855	Pass



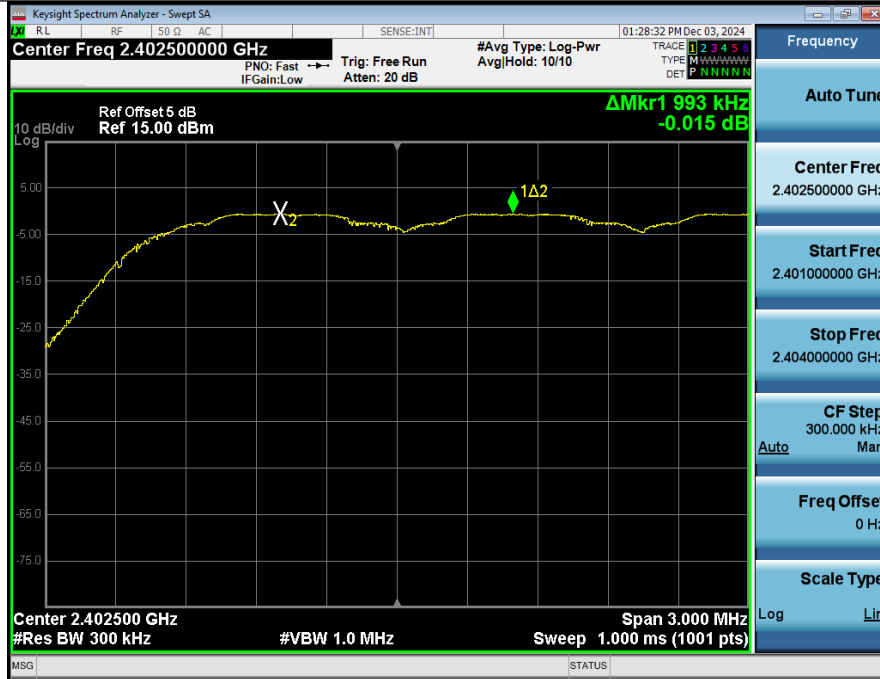
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



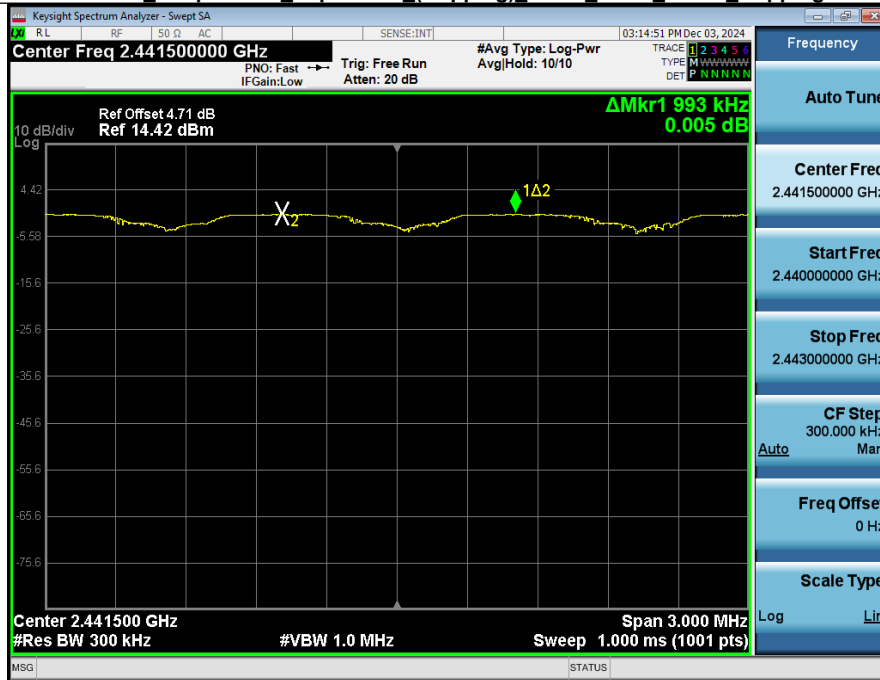
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



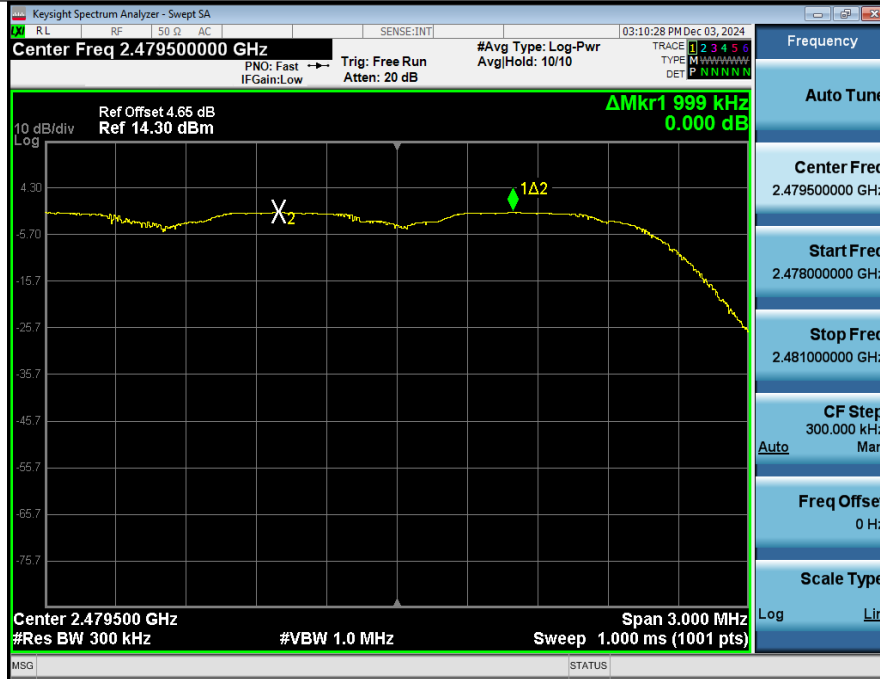
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



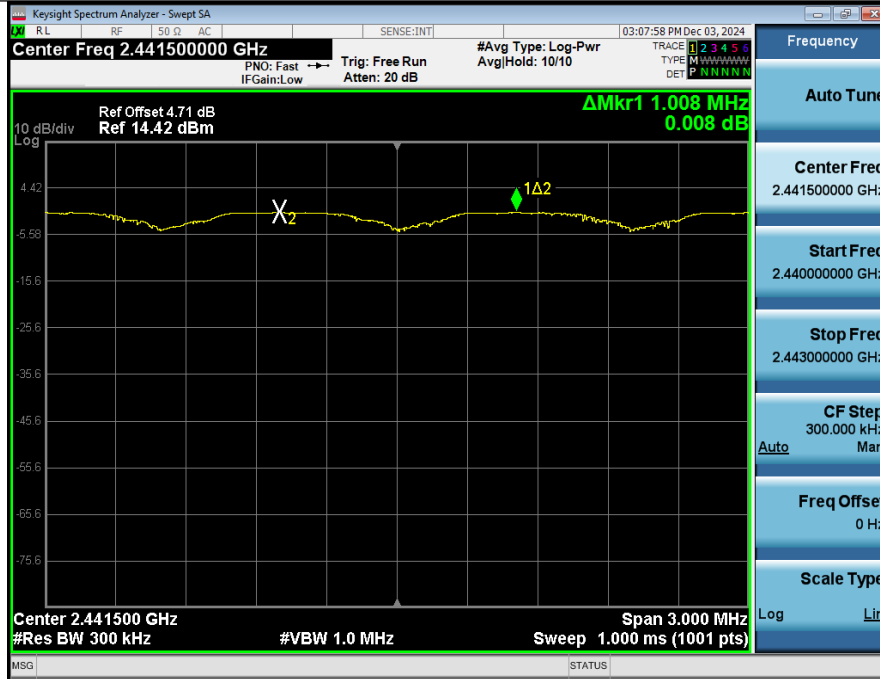
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

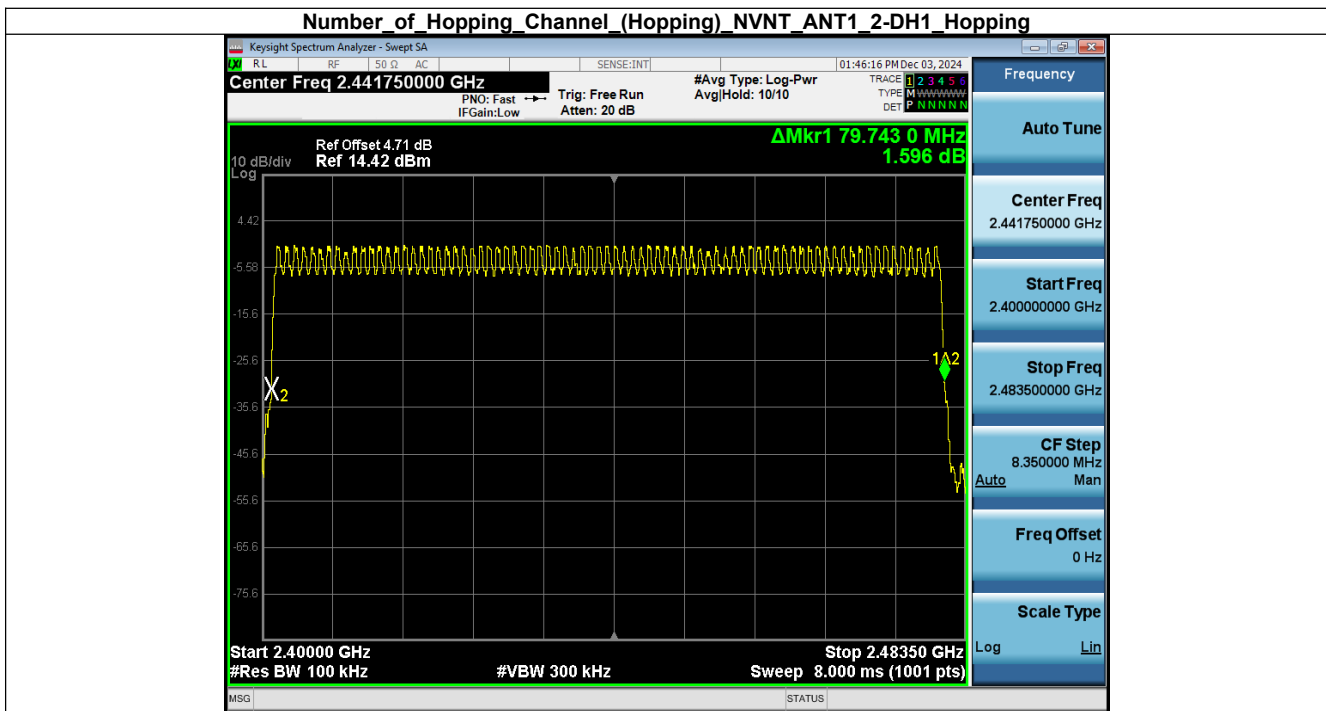
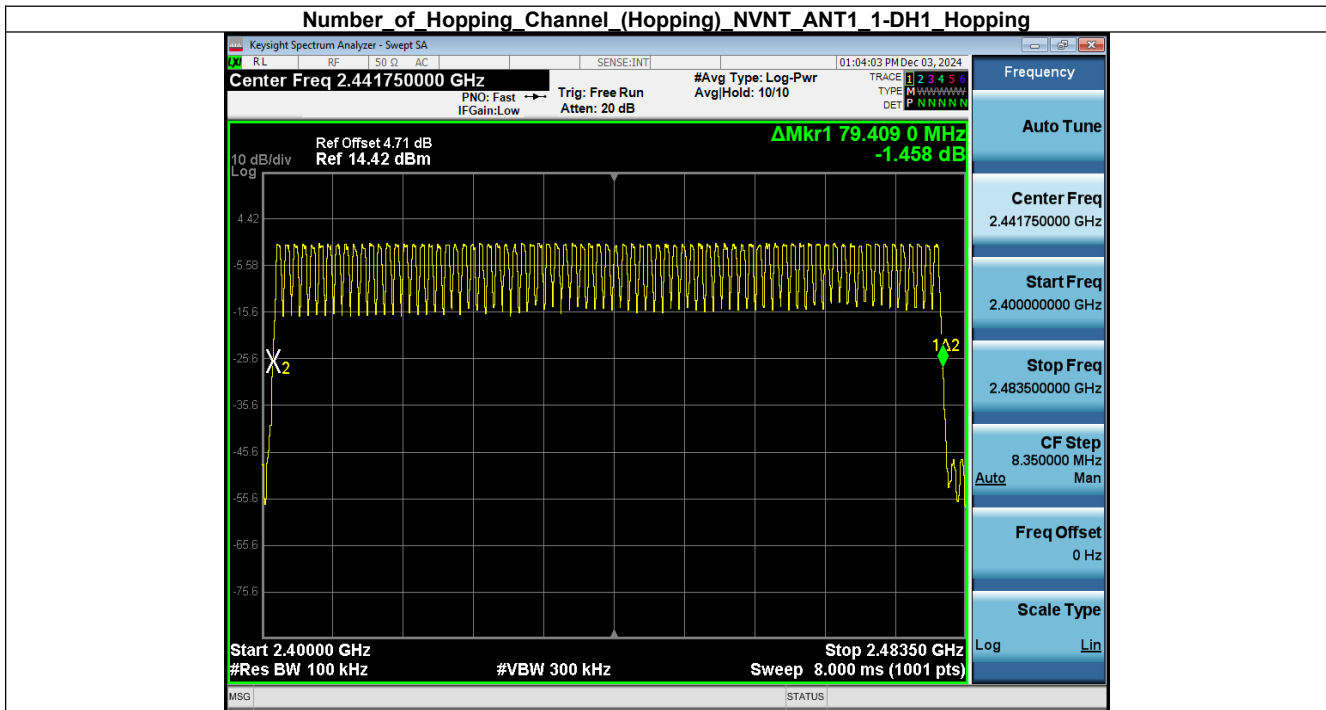


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

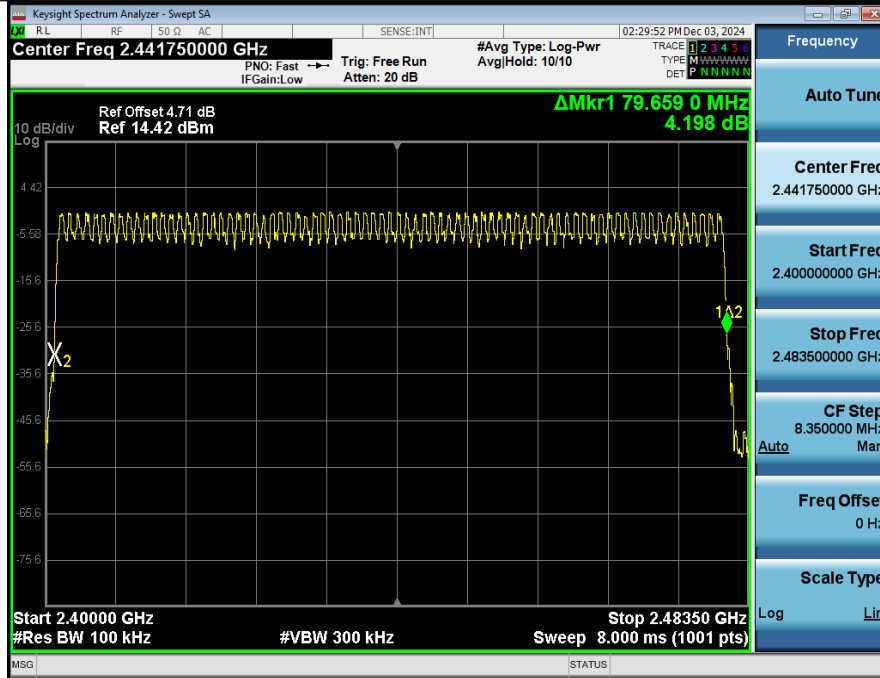


8. Number of Hopping Channel (Hopping)

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

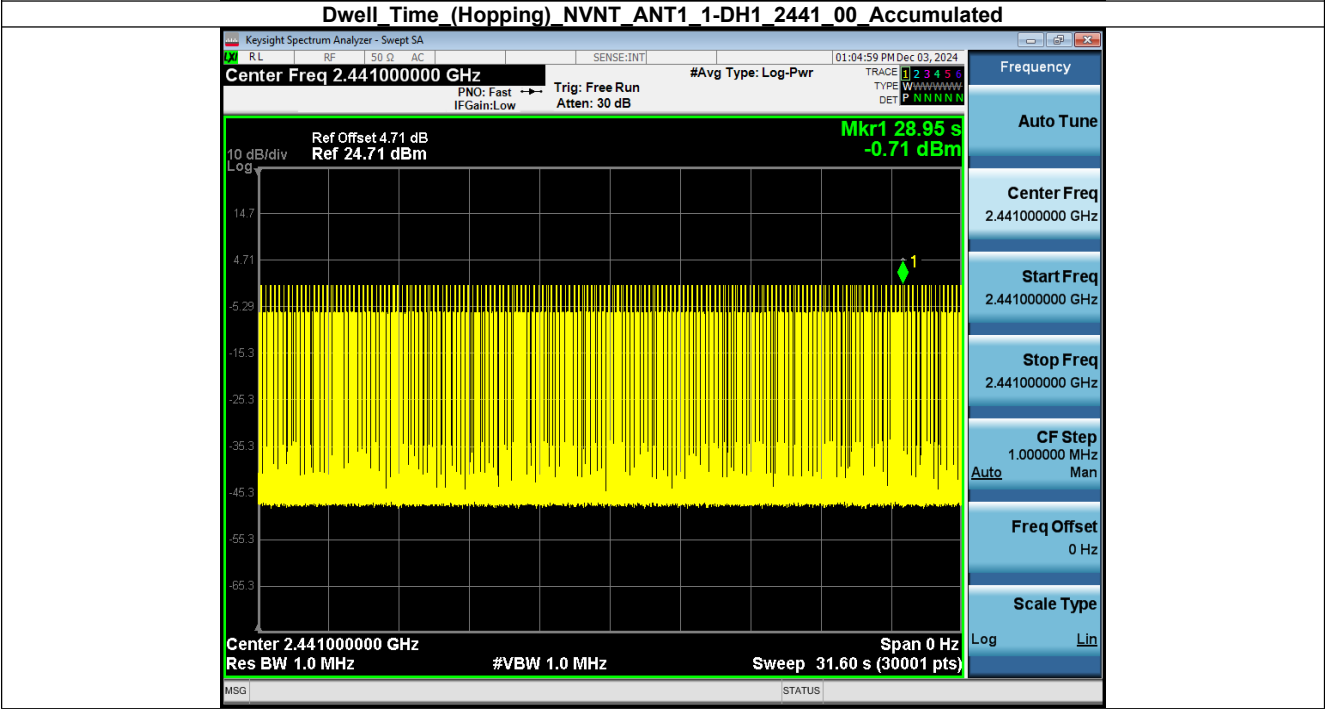
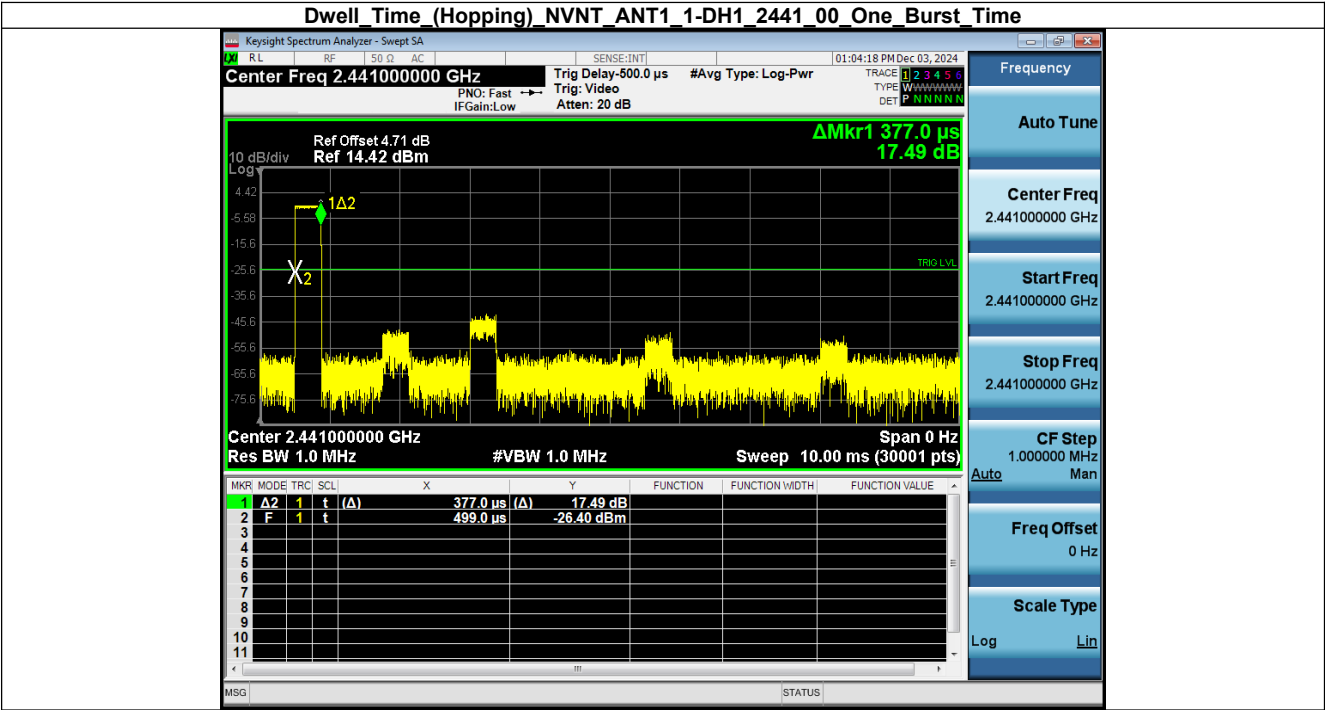


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

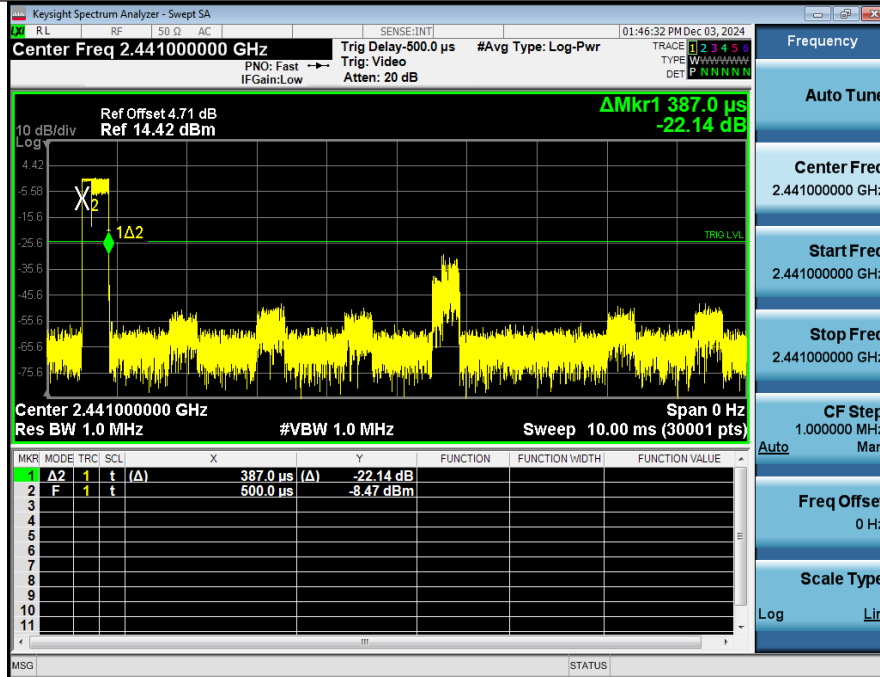


9. Dwell Time (Hopping)

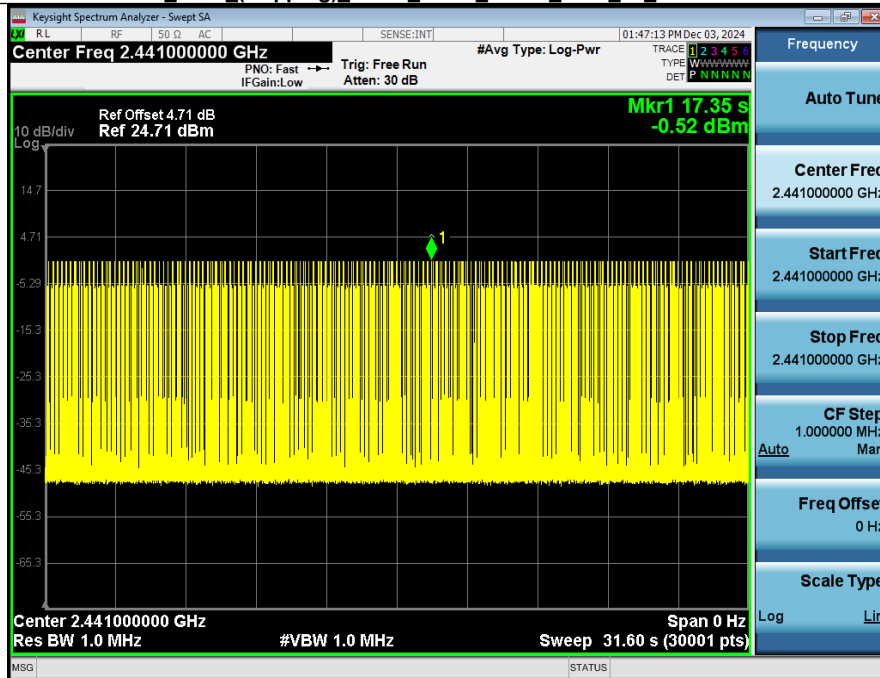
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.377	318.00	119.886	0.40	Pass
NVNT	ANT1	2-DH1	0.387	320.00	123.840	0.40	Pass
NVNT	ANT1	3-DH1	0.388	320.00	124.160	0.40	Pass
NVNT	ANT1	1-DH3	1.633	168.00	274.344	0.40	Pass
NVNT	ANT1	1-DH5	2.881	112.00	322.672	0.40	Pass
NVNT	ANT1	2-DH3	1.639	166.00	272.074	0.40	Pass
NVNT	ANT1	2-DH5	2.887	119.00	343.553	0.40	Pass
NVNT	ANT1	3-DH3	1.638	153.00	250.614	0.40	Pass
NVNT	ANT1	3-DH5	2.890	105.00	303.450	0.40	Pass



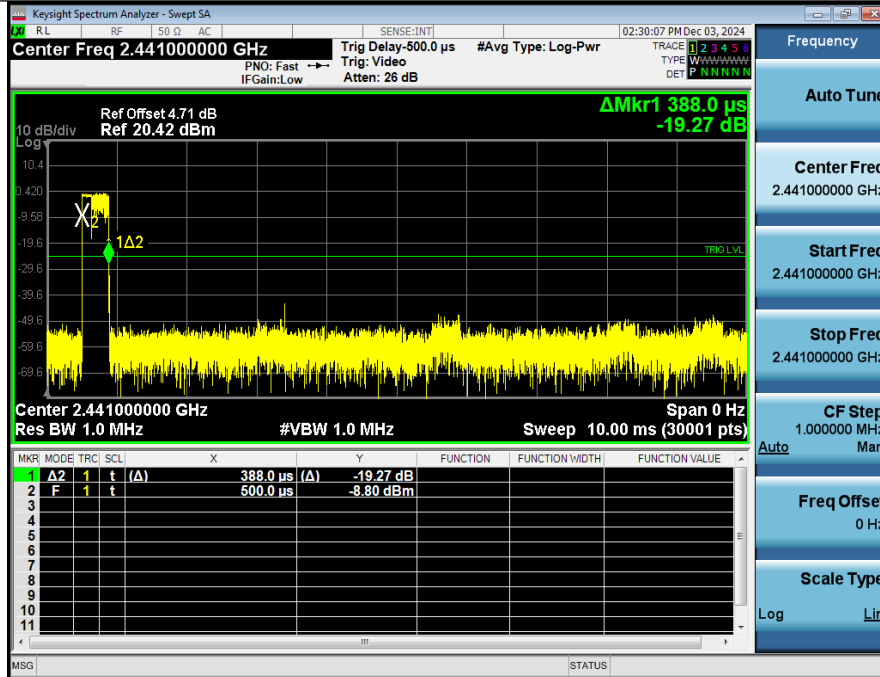
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



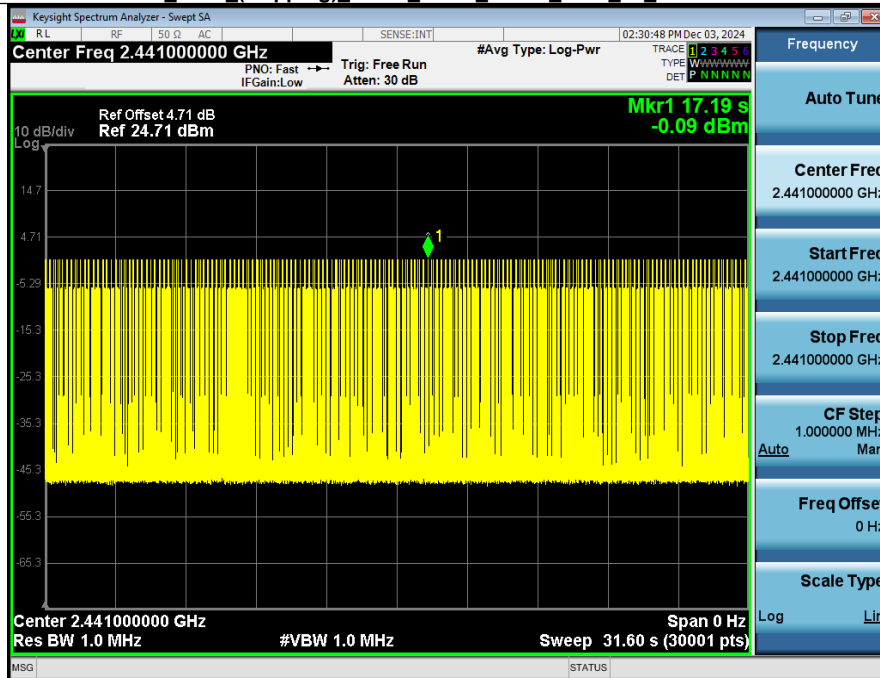
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



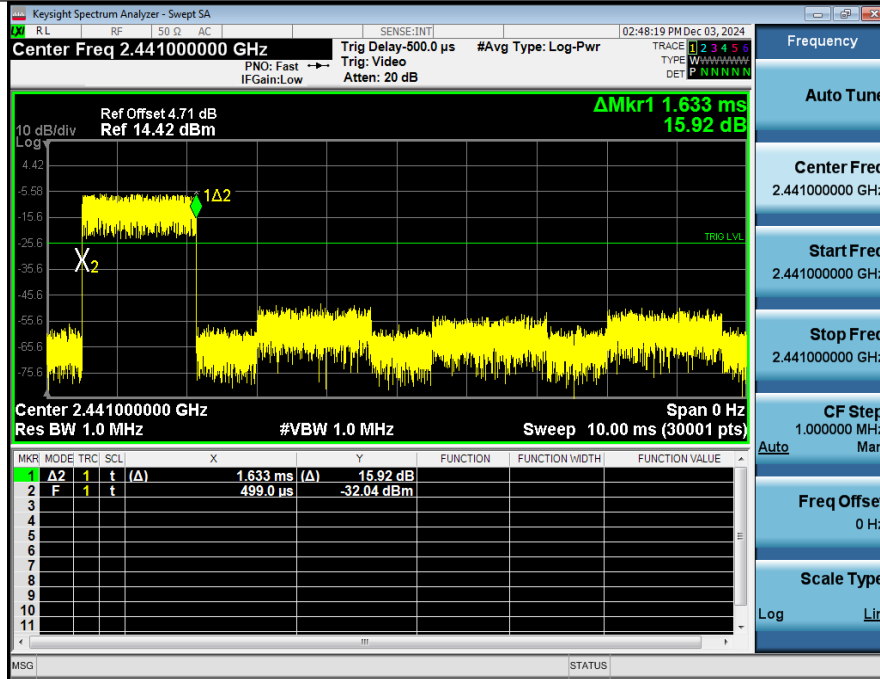
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One_Burst_Time



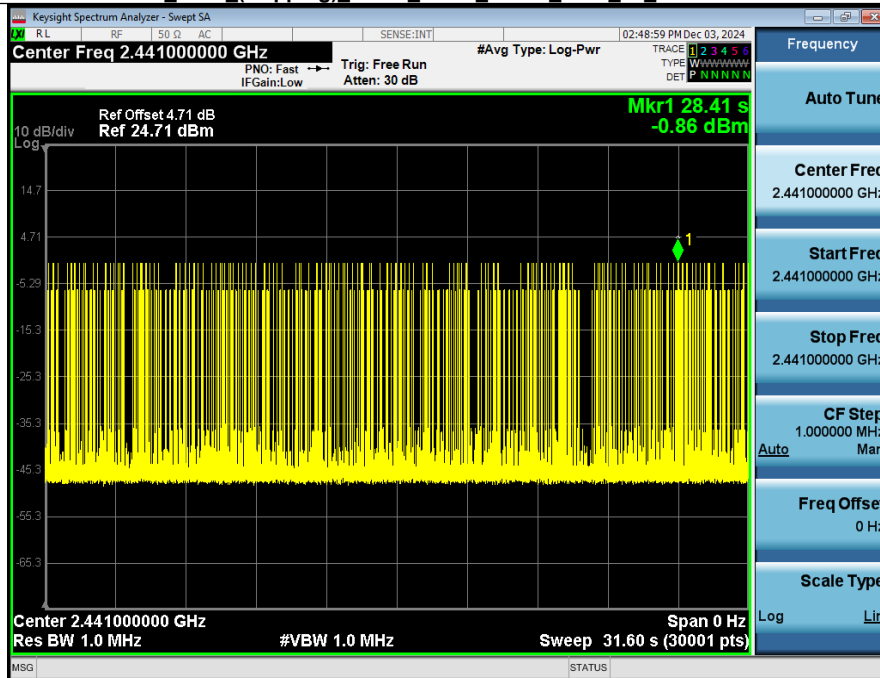
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



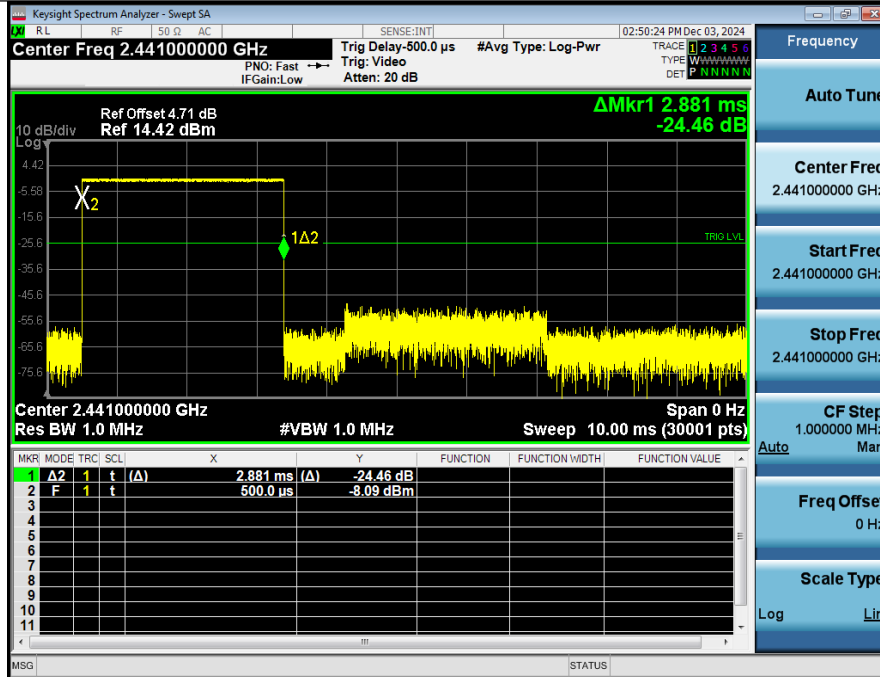
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



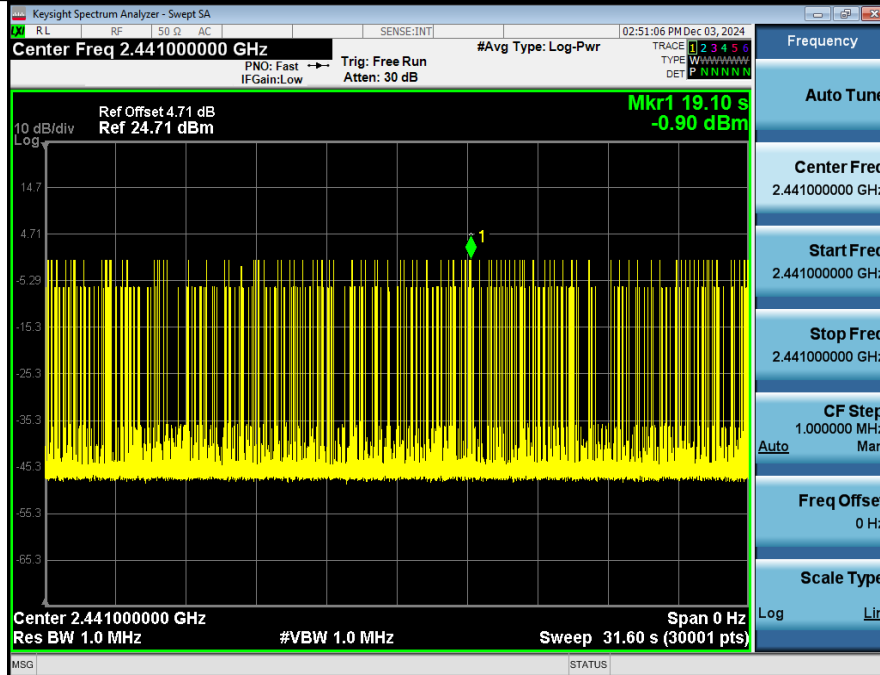
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



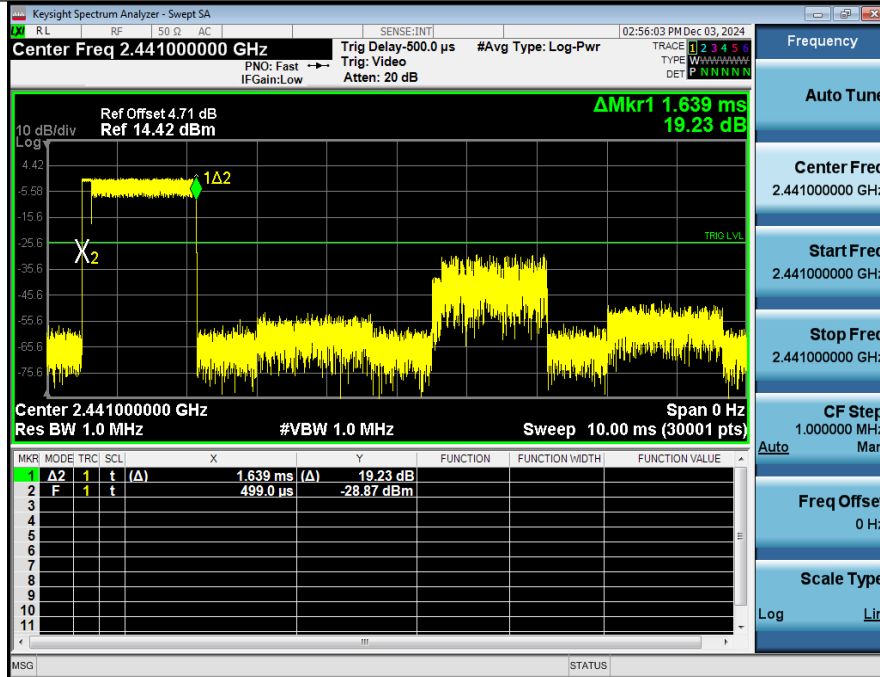
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One_Burst Time



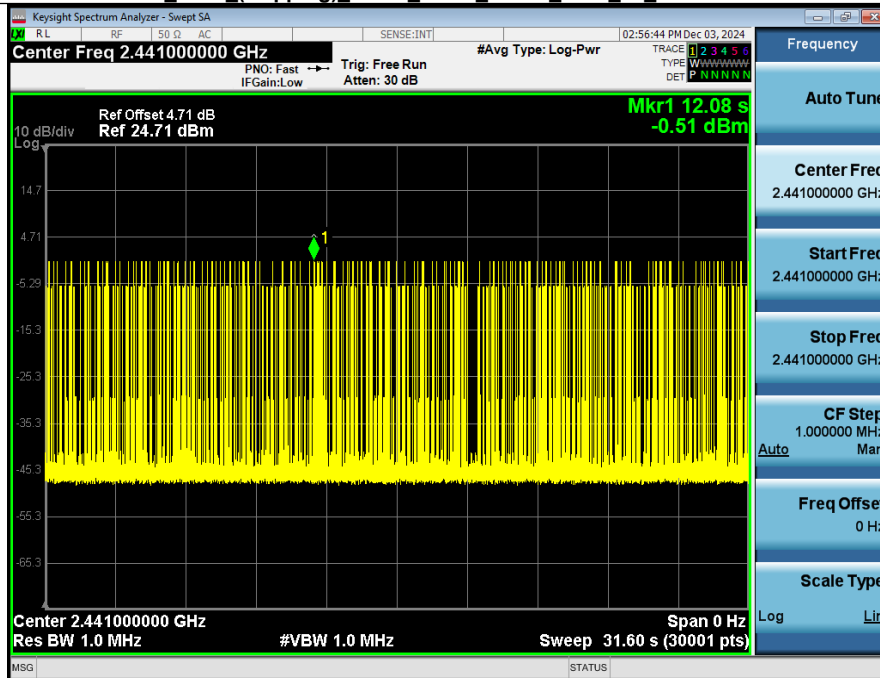
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



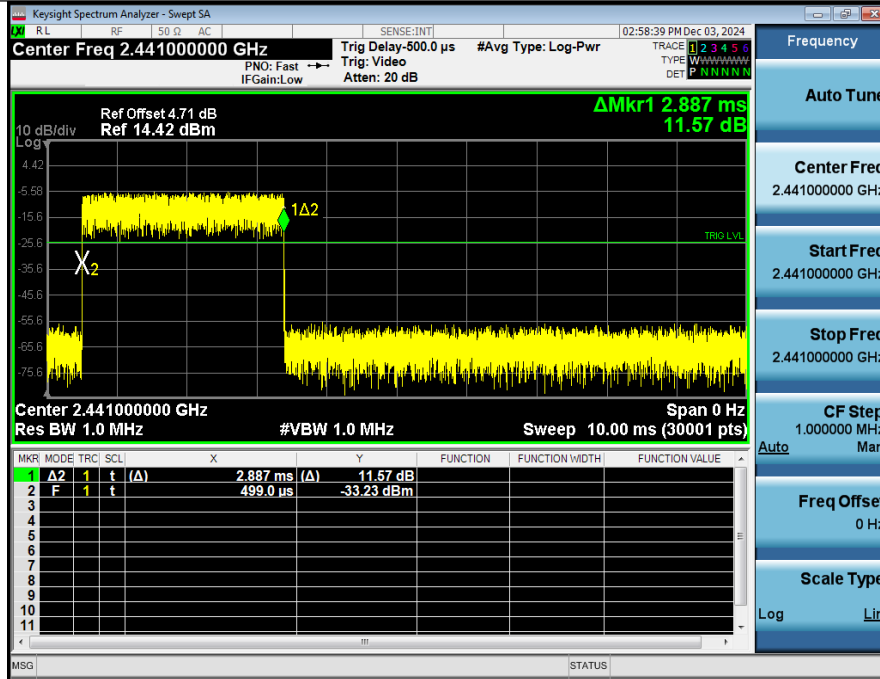
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



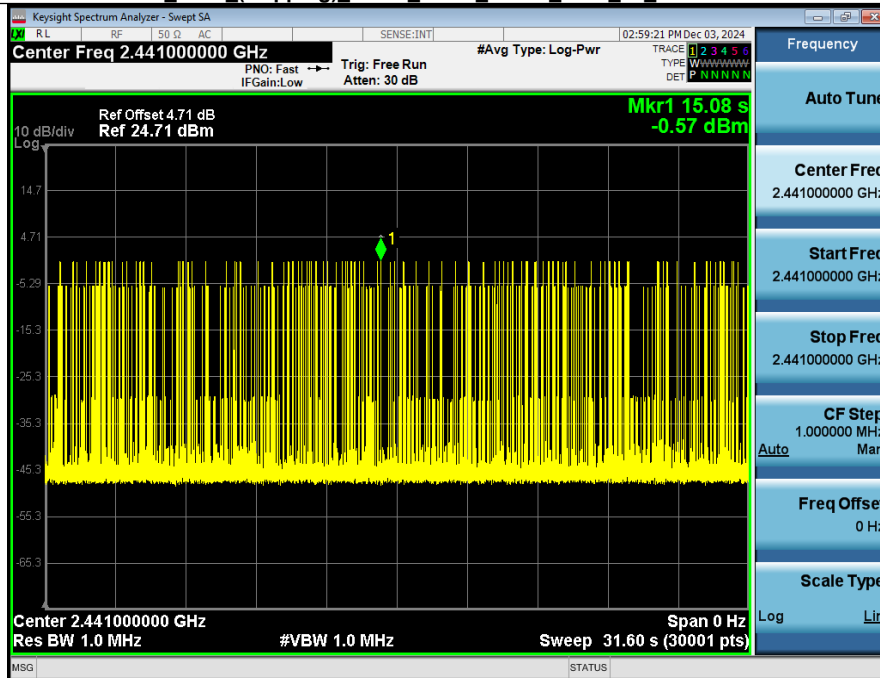
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



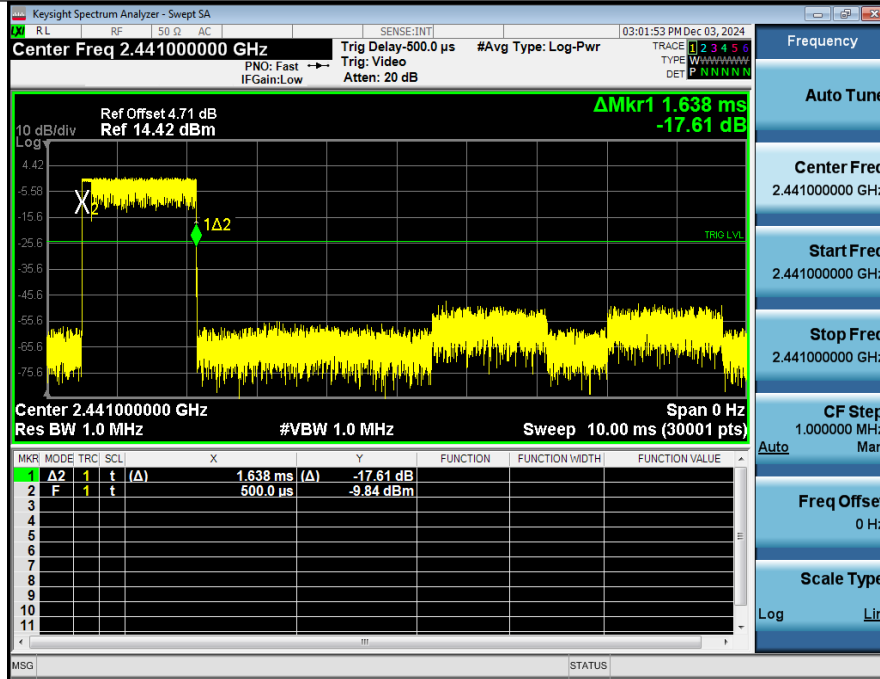
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



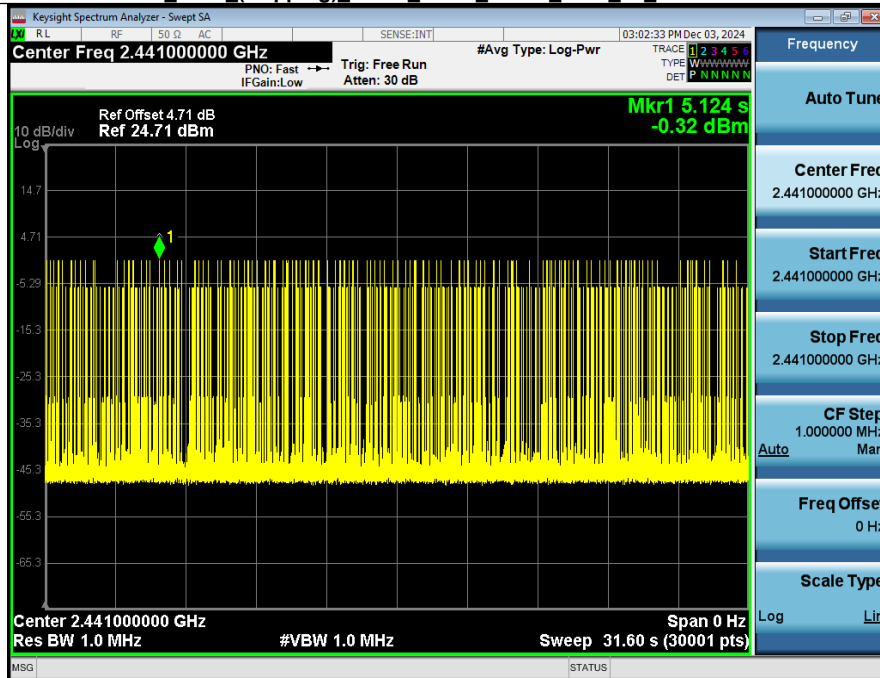
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



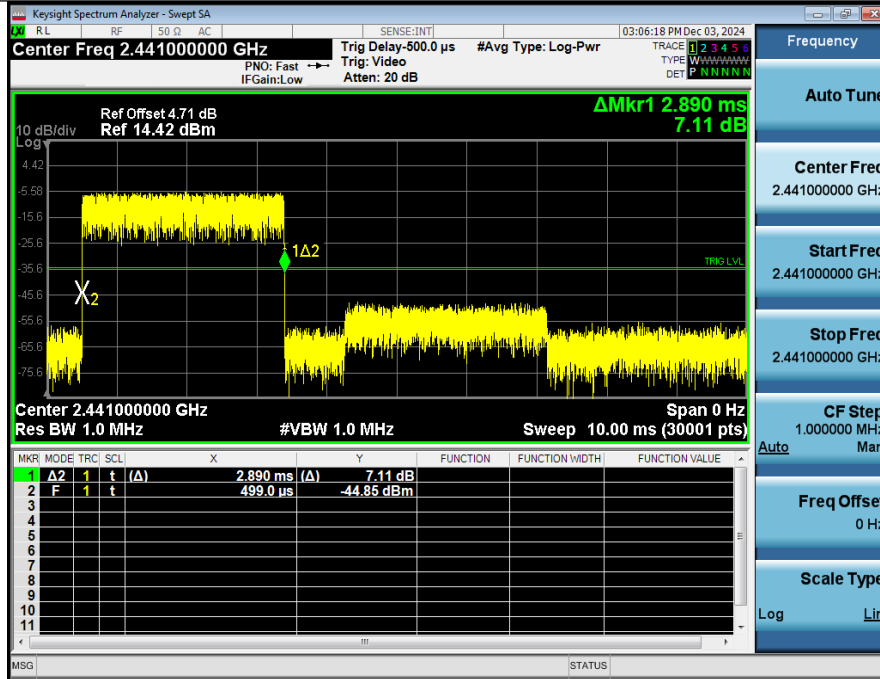
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



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

