

Table of Contents

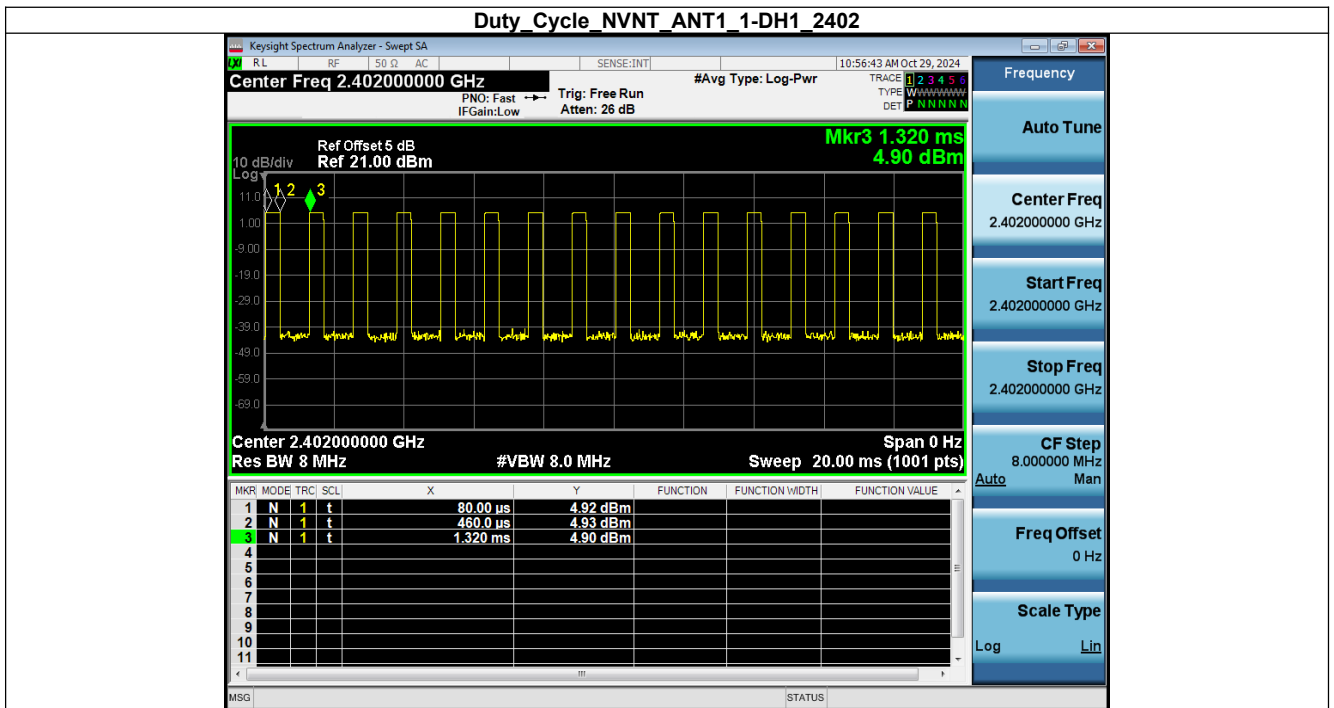
1. Duty Cycle	2
2. -20dB Bandwidth	7
3. 99% Occupied Bandwidth	12
4. Peak Output Power	17
5. Spurious Emissions	18
6. Bandedge	27
7. Carrier Frequencies Separation (Hopping)	40
8. Number of Hopping Channel (Hopping)	45
9. Dwell Time (Hopping)	47

FCC ID:2AVIT-HP201

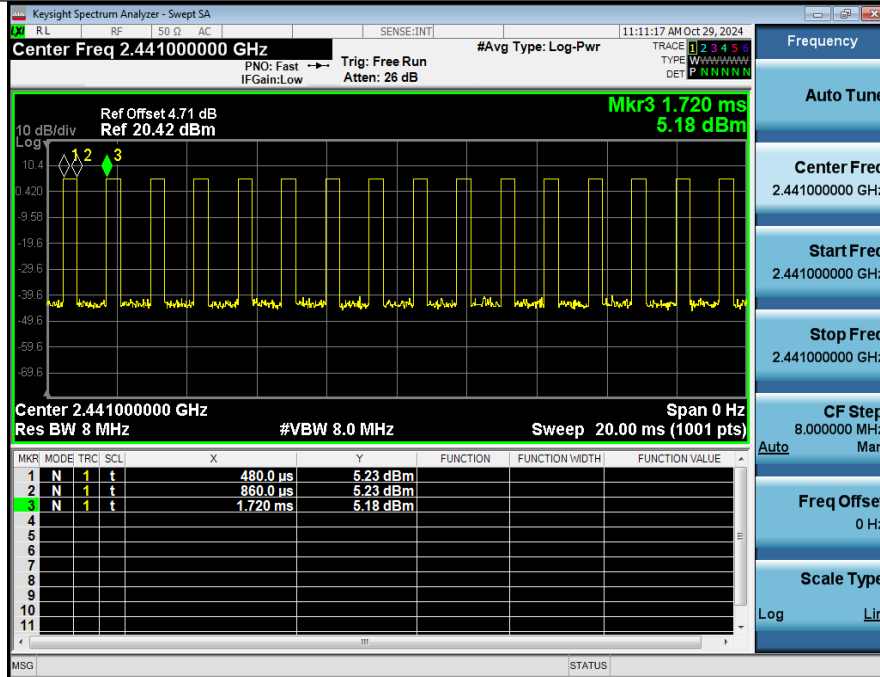
FCC_BT (Part15.247) Test Data

1. Duty Cycle

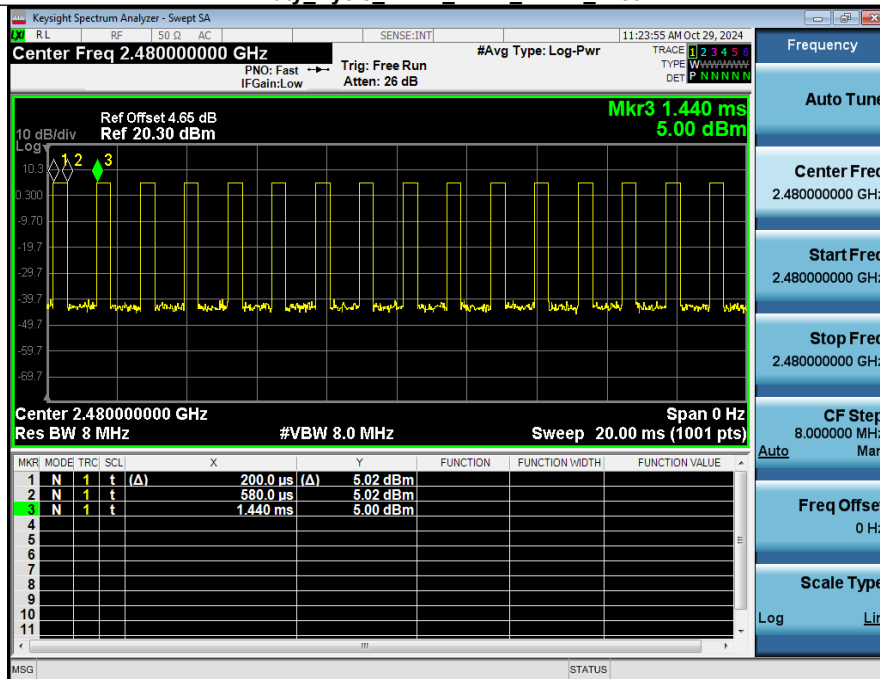
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	30.65	5.14
NVNT	ANT1	1-DH1	2441.00	30.65	5.14
NVNT	ANT1	1-DH1	2480.00	30.65	5.14
NVNT	ANT1	2-DH1	2402.00	31.75	4.98
NVNT	ANT1	2-DH1	2441.00	33.33	4.77
NVNT	ANT1	2-DH1	2480.00	31.75	4.98
NVNT	ANT1	3-DH1	2402.00	30.65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



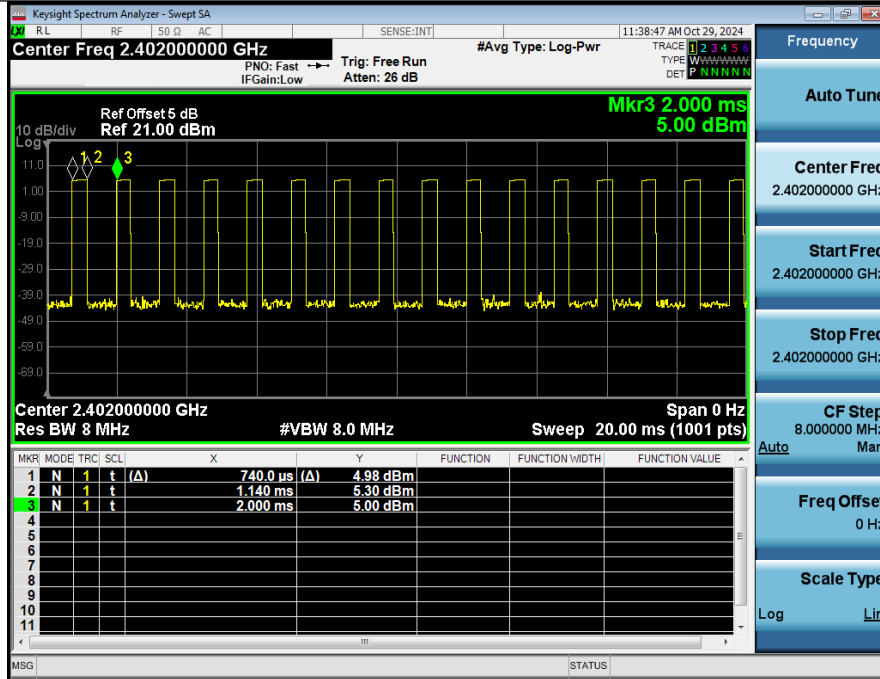
Duty Cycle NVNT_ANT1_1-DH1_2441



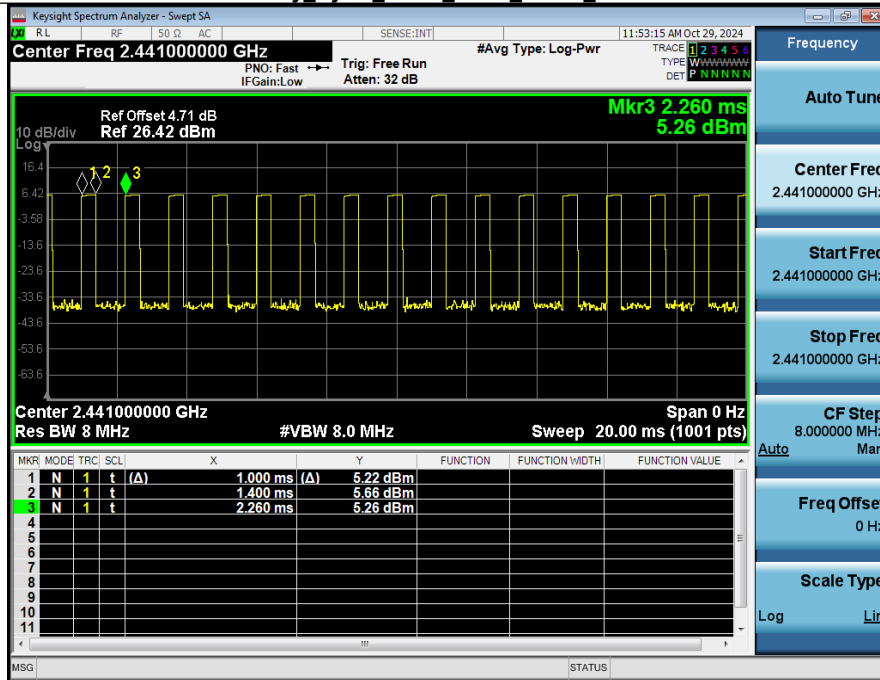
Duty Cycle NVNT_ANT1_1-DH1_2480



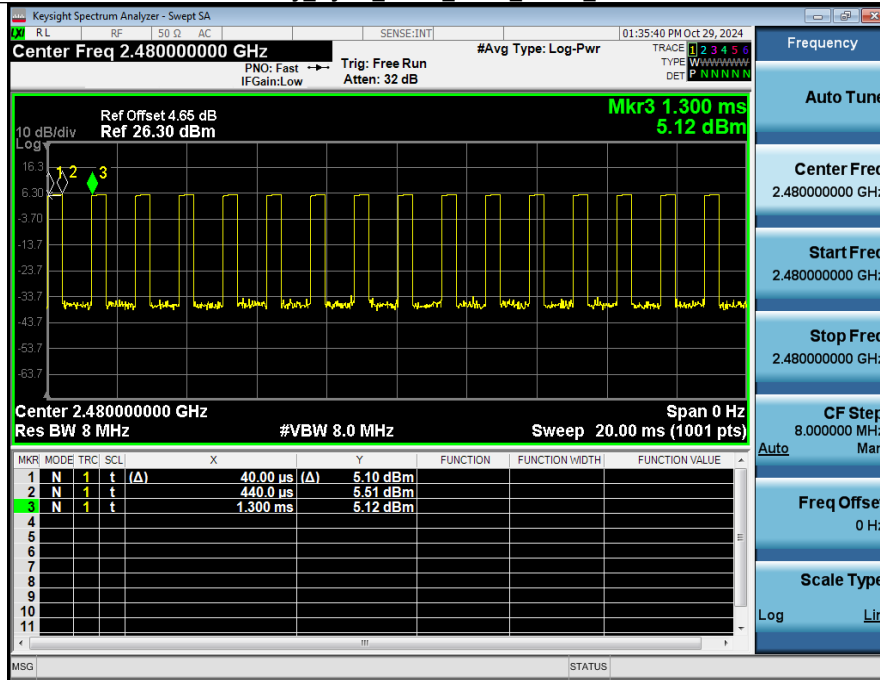
Duty Cycle NVNT_ANT1_2-DH1_2402



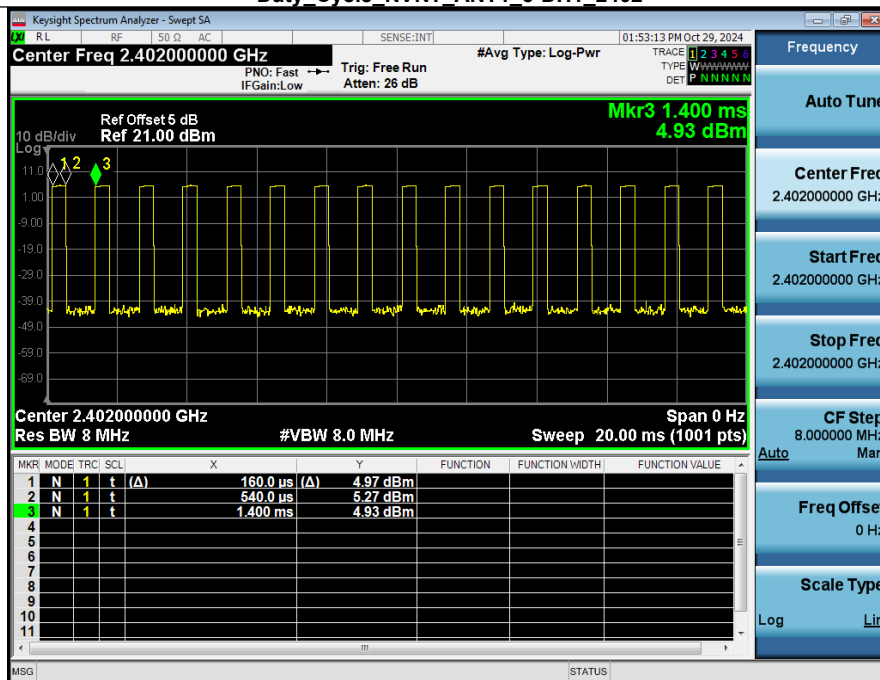
Duty Cycle NVNT_ANT1_2-DH1_2441



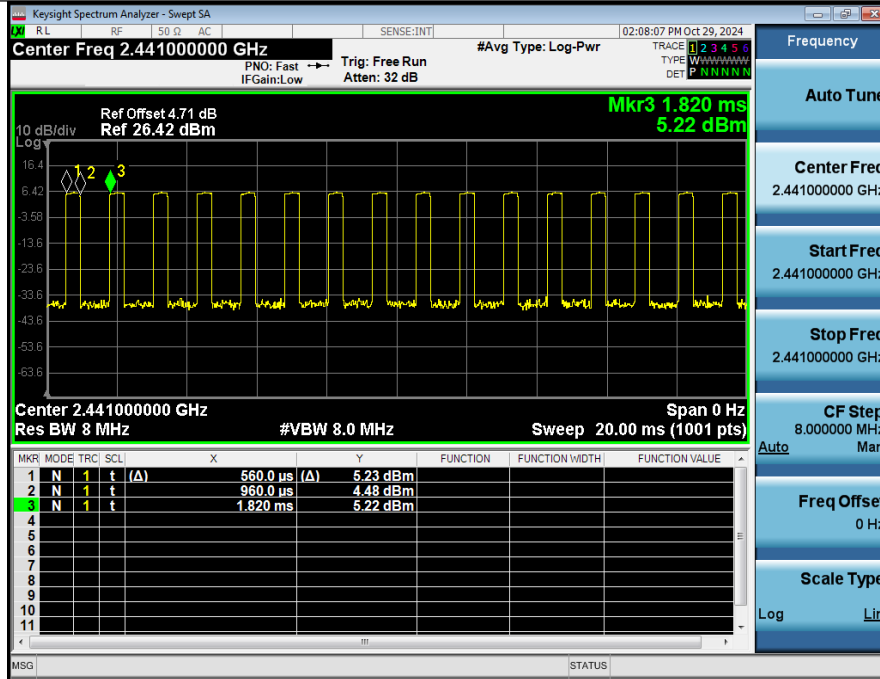
Duty Cycle NVNT_ANT1 2-DH1_2480



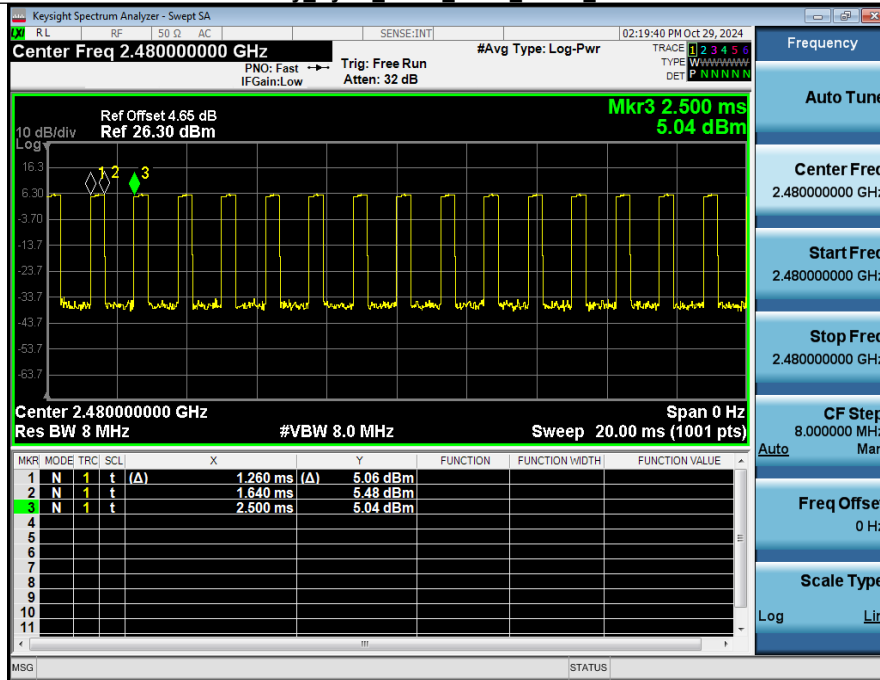
Duty Cycle NVNT_ANT1 3-DH1_2402



Duty Cycle NVNT_ANT1_3-DH1_2441

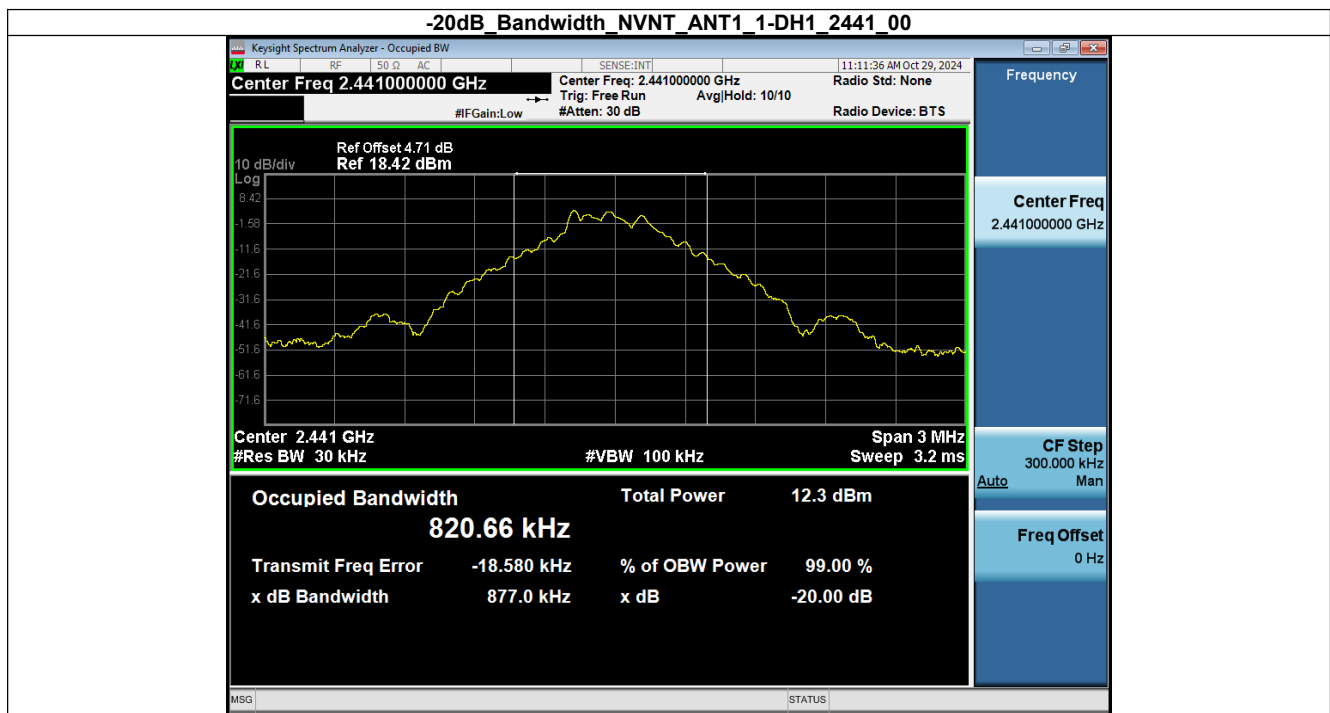
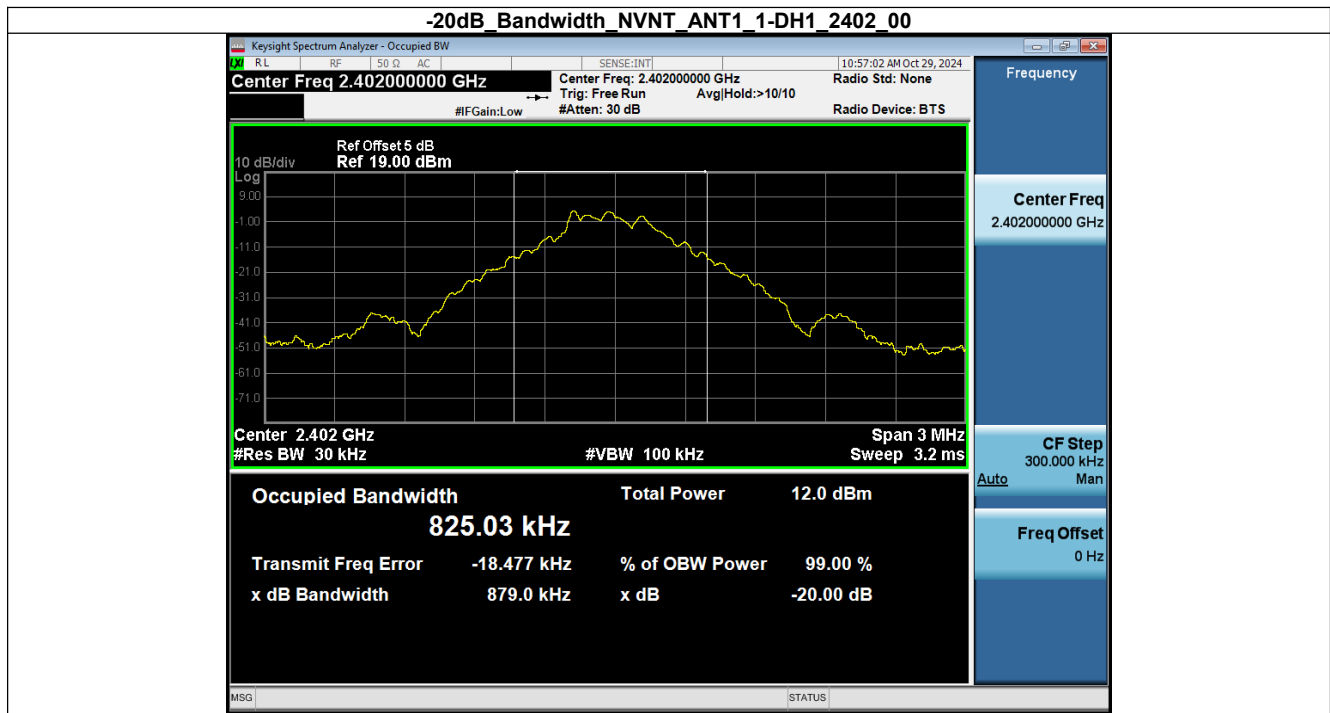


Duty Cycle NVNT_ANT1_3-DH1_2480

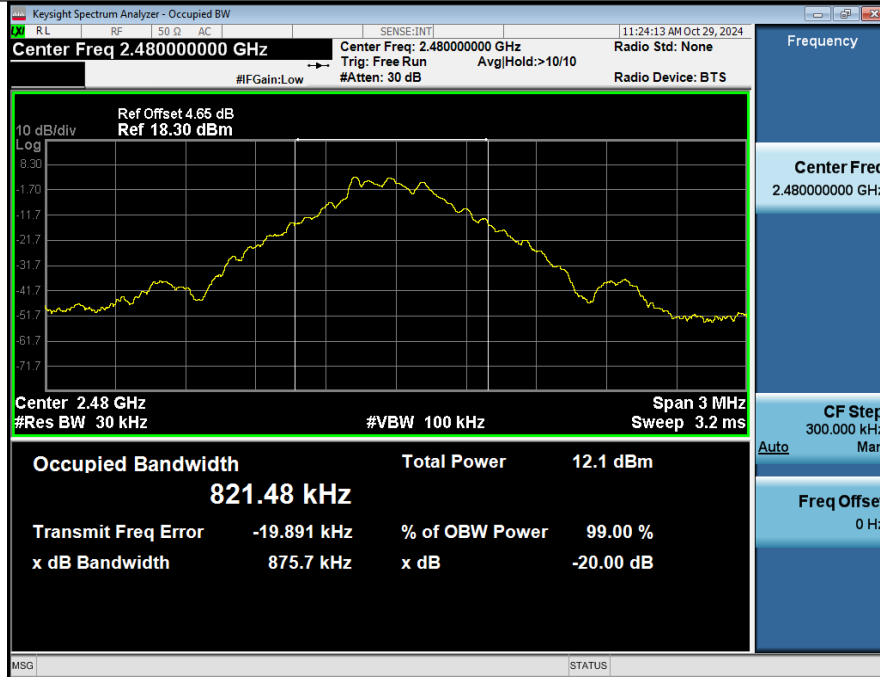


2. -20dB Bandwidth

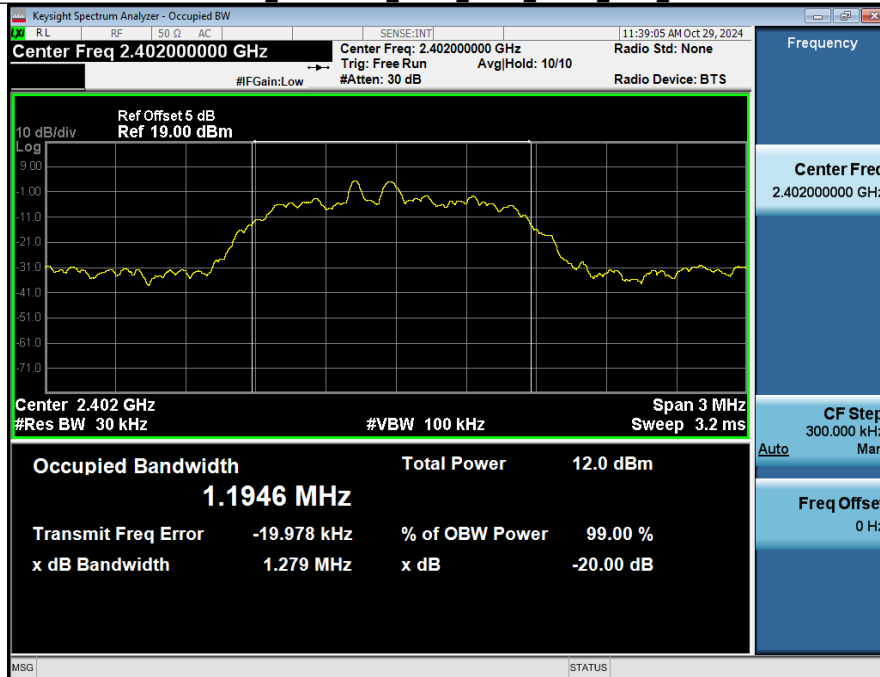
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.879	No
NVNT	ANT1	1-DH1	2441.00	0.877	No
NVNT	ANT1	1-DH1	2480.00	0.876	No
NVNT	ANT1	2-DH1	2402.00	1.279	Yes
NVNT	ANT1	2-DH1	2441.00	1.254	Yes
NVNT	ANT1	2-DH1	2480.00	1.256	Yes
NVNT	ANT1	3-DH1	2402.00	1.245	Yes
NVNT	ANT1	3-DH1	2441.00	1.226	Yes
NVNT	ANT1	3-DH1	2480.00	1.242	Yes



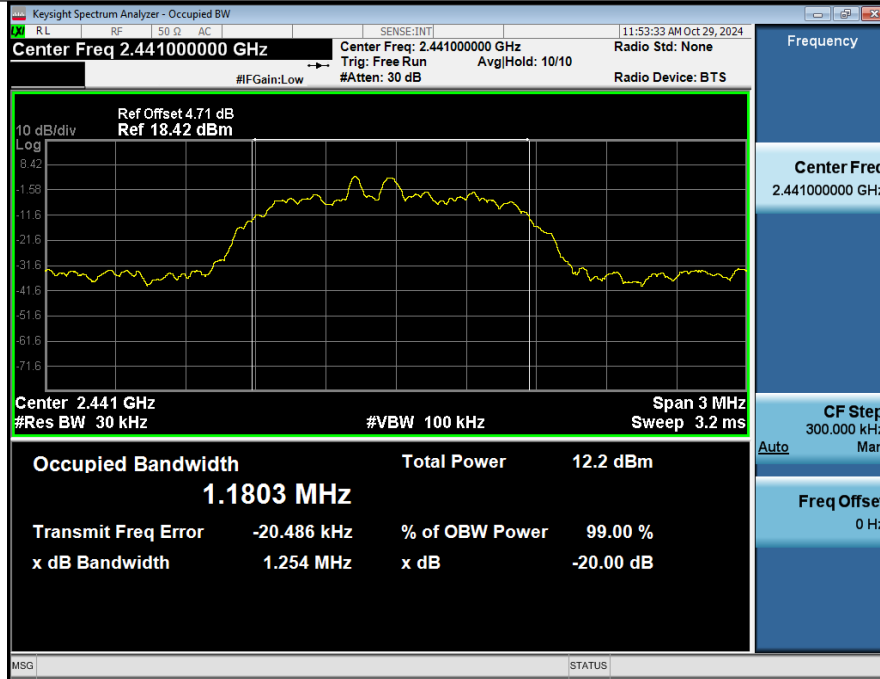
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



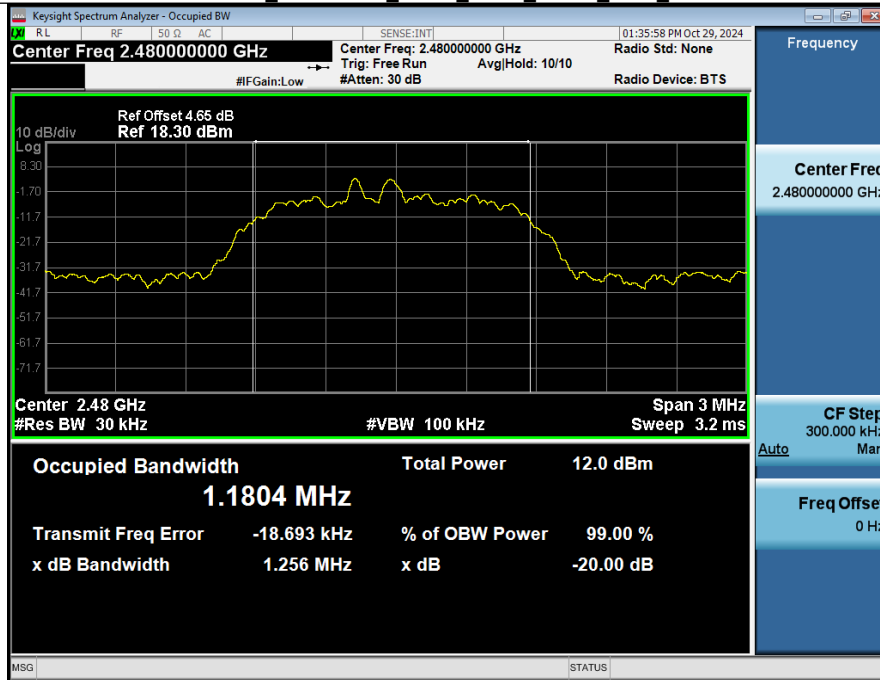
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



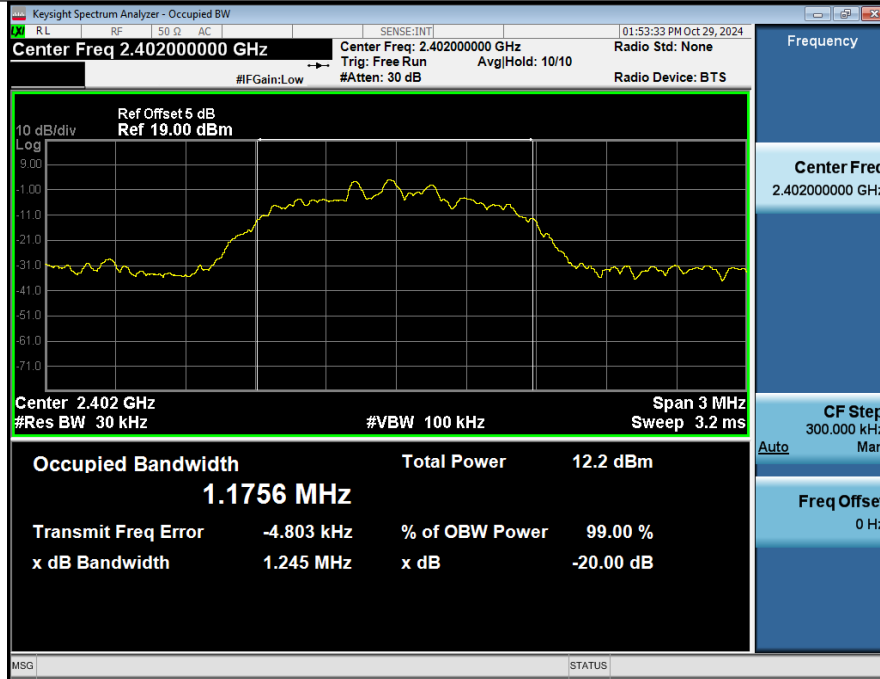
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



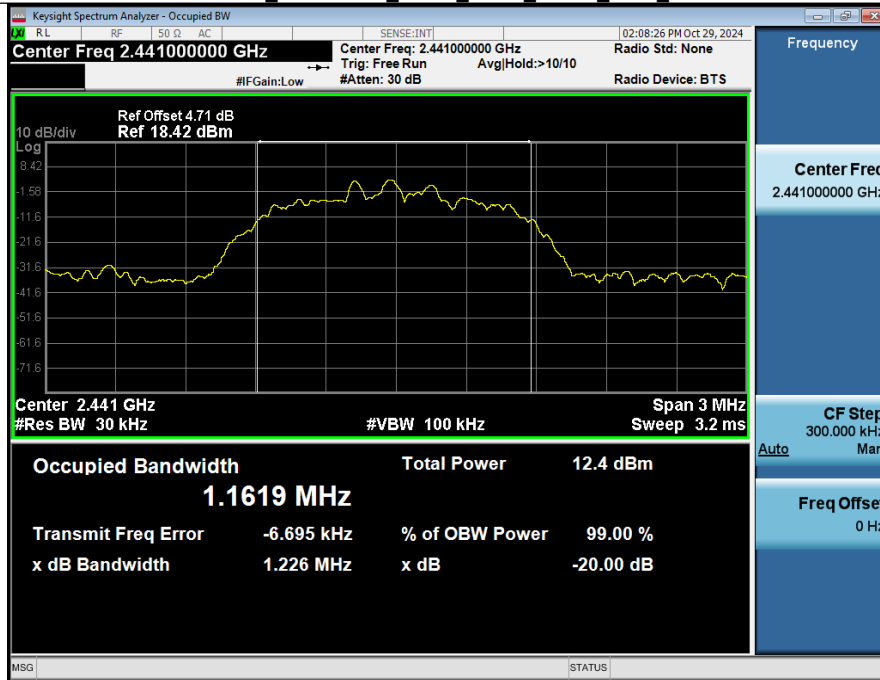
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00

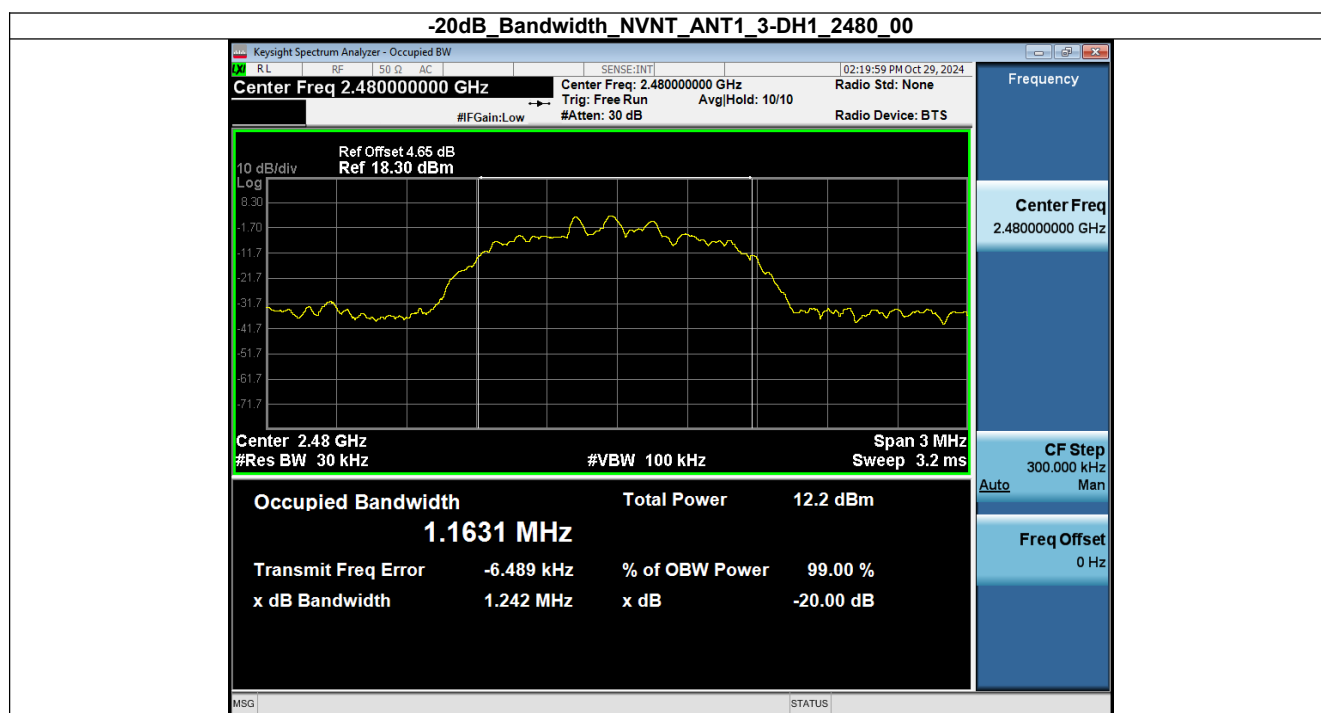


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



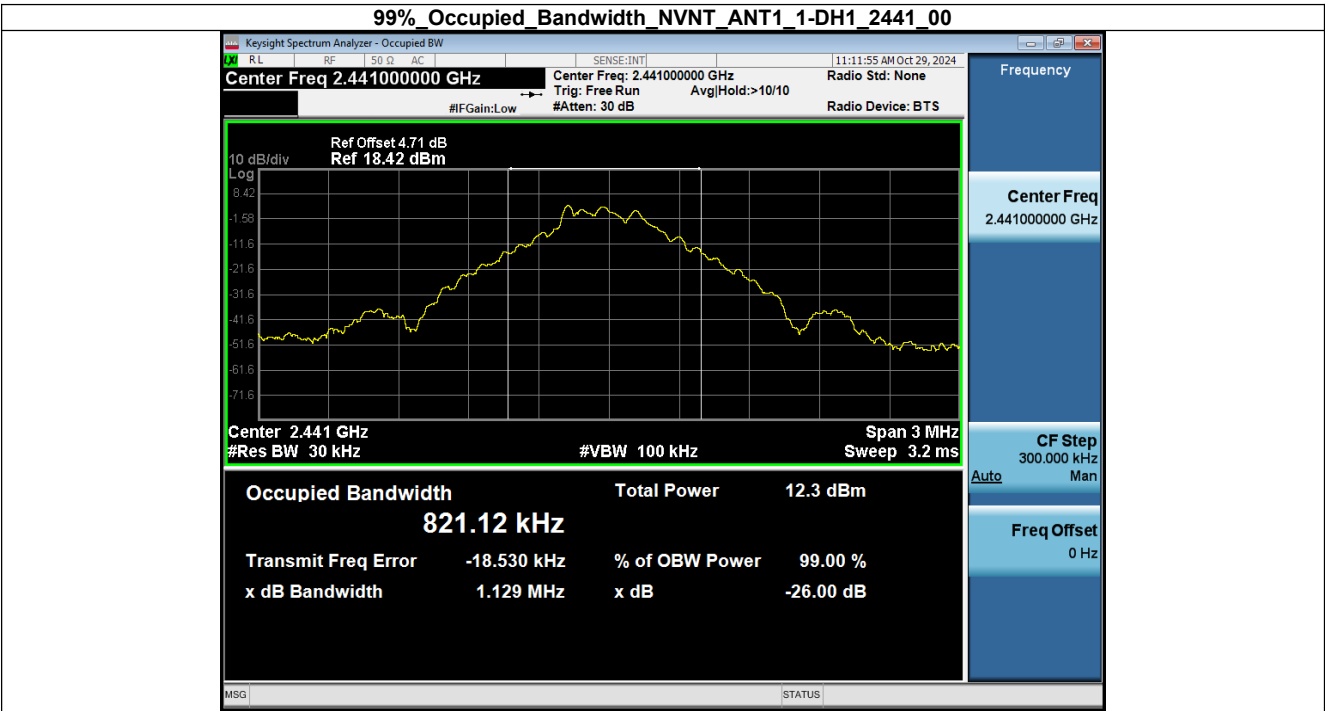
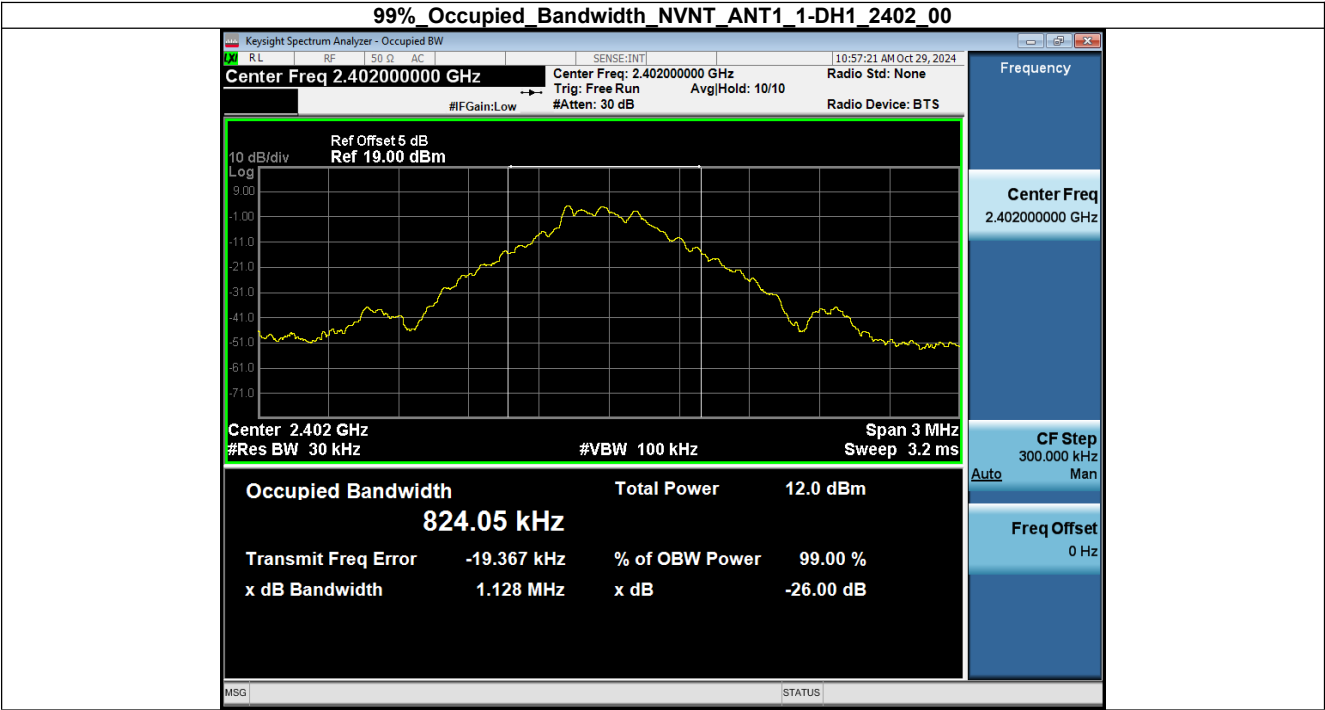
-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00



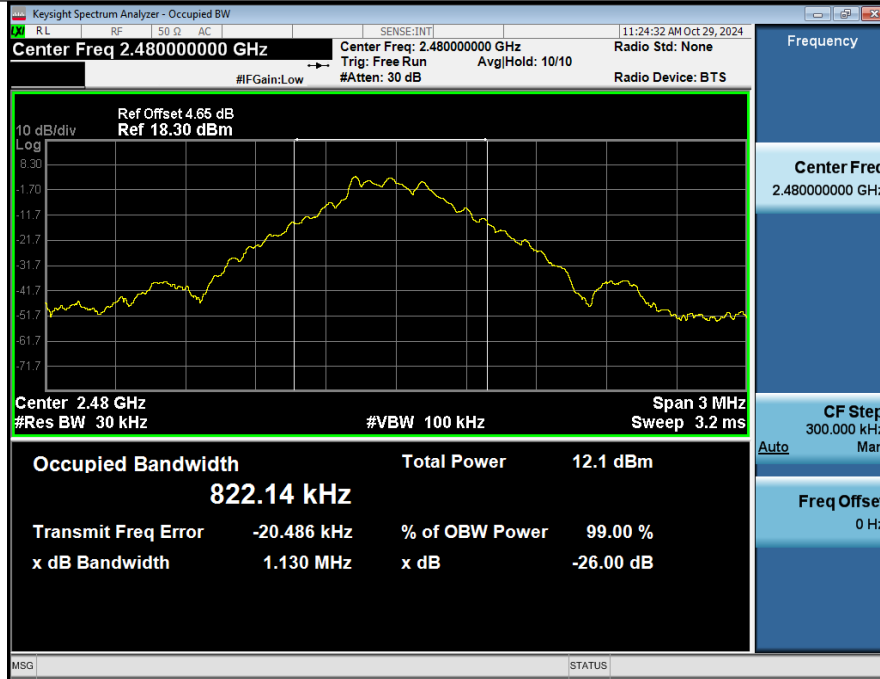


3. 99% Occupied Bandwidth

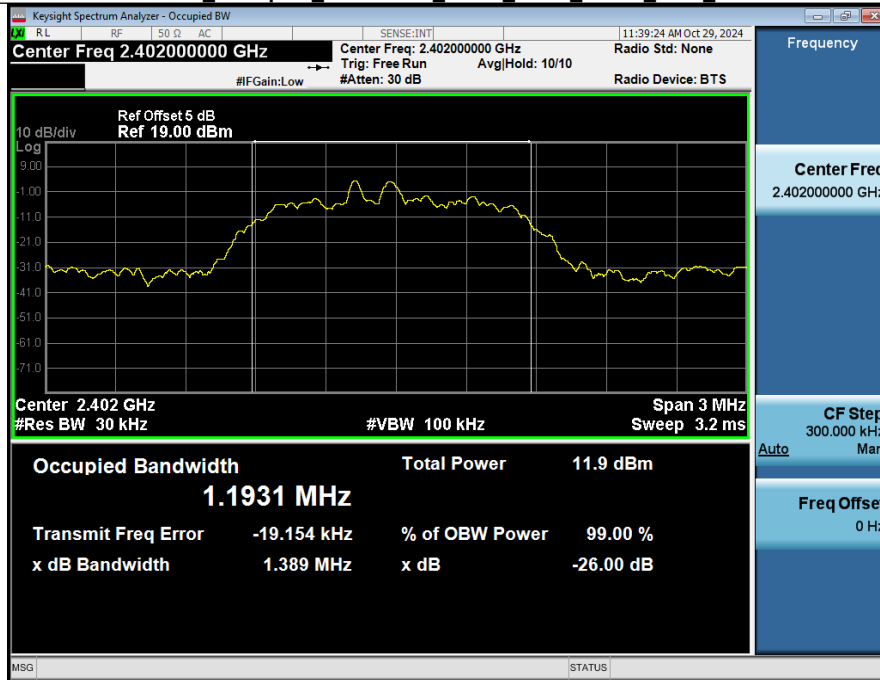
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.824
NVNT	ANT1	1-DH1	2441.00	0.821
NVNT	ANT1	1-DH1	2480.00	0.822
NVNT	ANT1	2-DH1	2402.00	1.193
NVNT	ANT1	2-DH1	2441.00	1.180
NVNT	ANT1	2-DH1	2480.00	1.180
NVNT	ANT1	3-DH1	2402.00	1.176
NVNT	ANT1	3-DH1	2441.00	1.162
NVNT	ANT1	3-DH1	2480.00	1.163



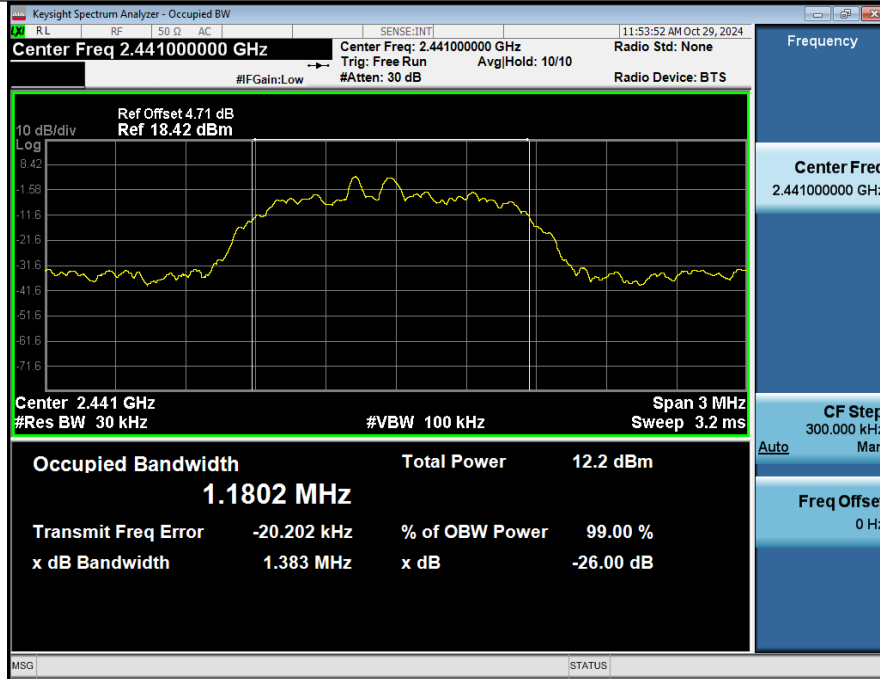
99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



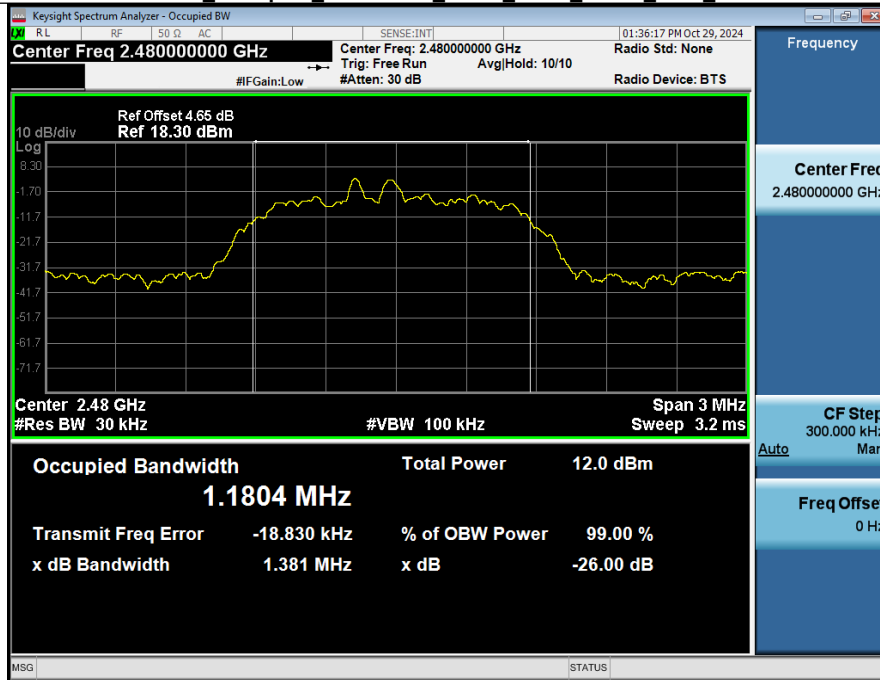
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



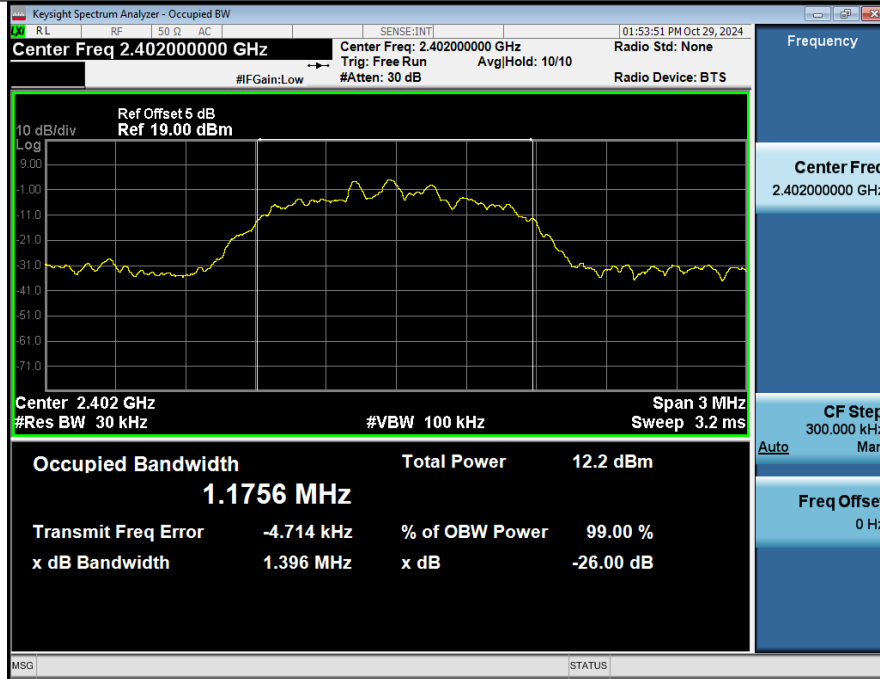
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



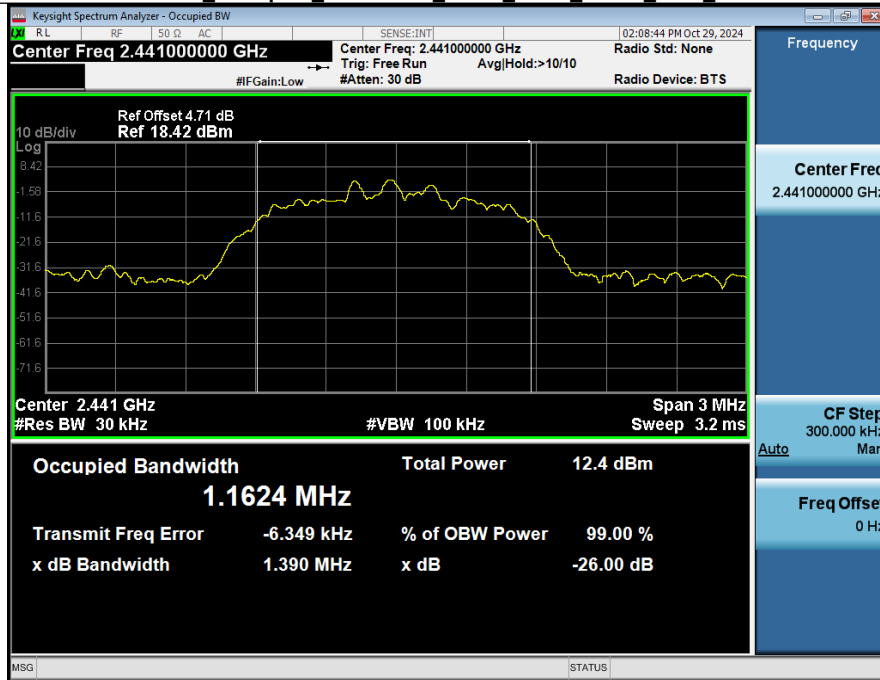
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00



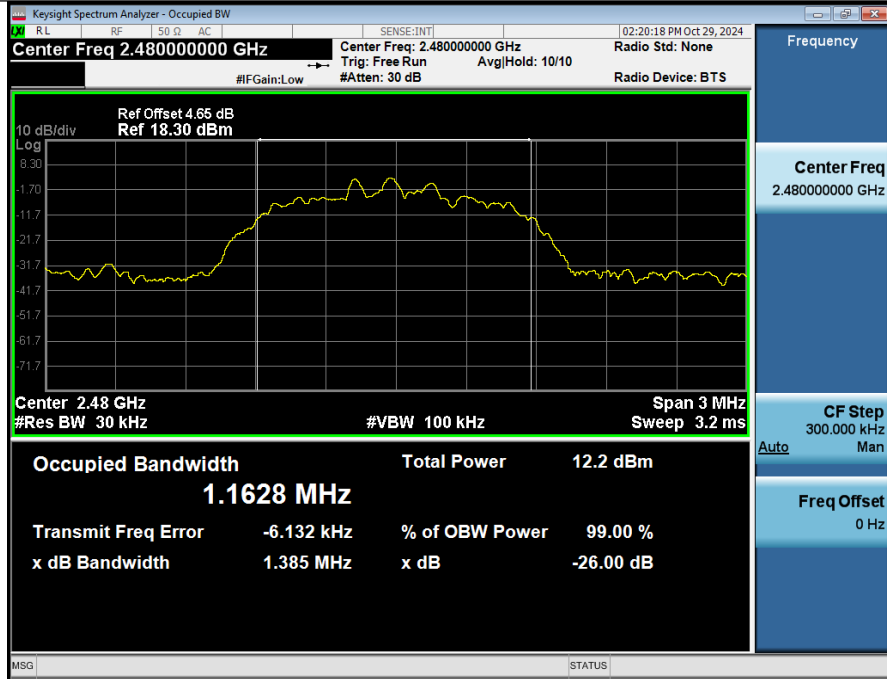
99% Occupied Bandwidth NVNT_ANT1_3-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2441_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2480_00

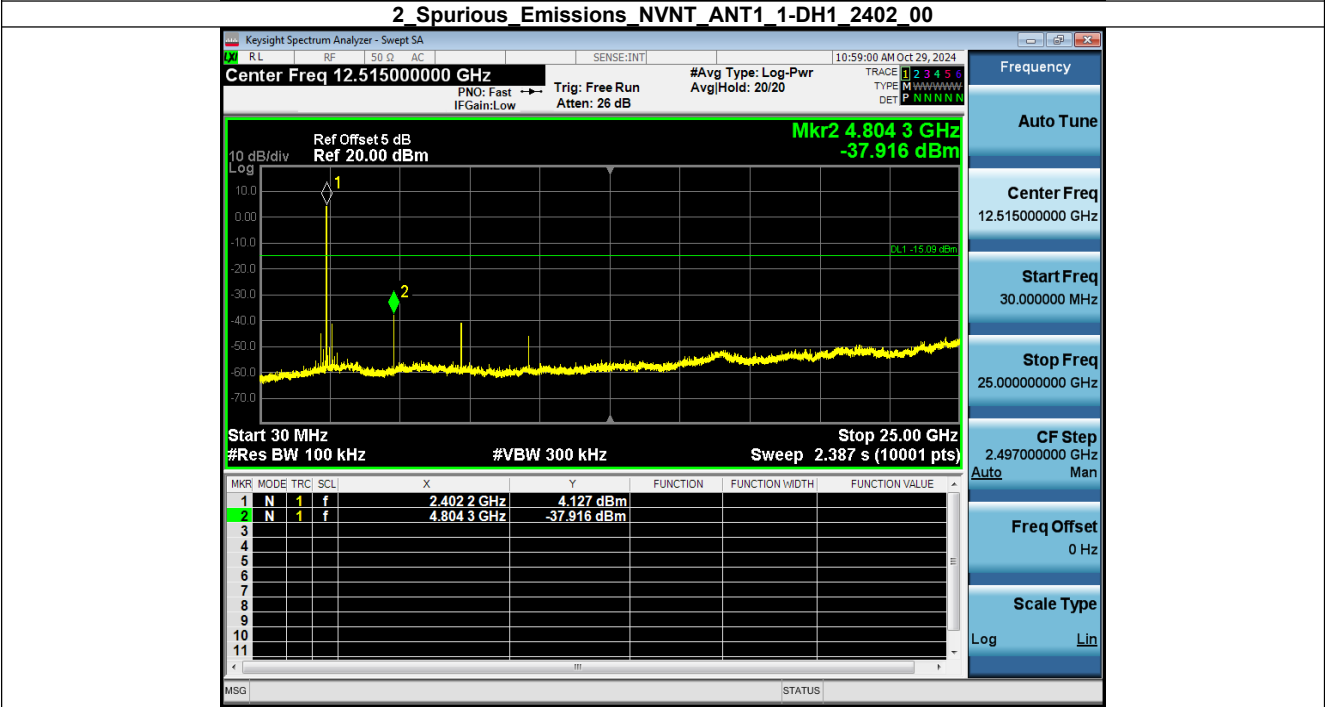


4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	4.90	3.09	1000	Pass
NVNT	ANT1	1-DH1	2441.00	5.21	3.32	1000	Pass
NVNT	ANT1	1-DH1	2480.00	5.03	3.18	1000	Pass
NVNT	ANT1	2-DH1	2402.00	5.37	3.44	125	Pass
NVNT	ANT1	2-DH1	2441.00	5.73	3.74	125	Pass
NVNT	ANT1	2-DH1	2480.00	5.59	3.62	125	Pass
NVNT	ANT1	3-DH1	2402.00	5.54	3.58	125	Pass
NVNT	ANT1	3-DH1	2441.00	6.00	3.98	125	Pass
NVNT	ANT1	3-DH1	2480.00	5.81	3.81	125	Pass

5. Spurious Emissions

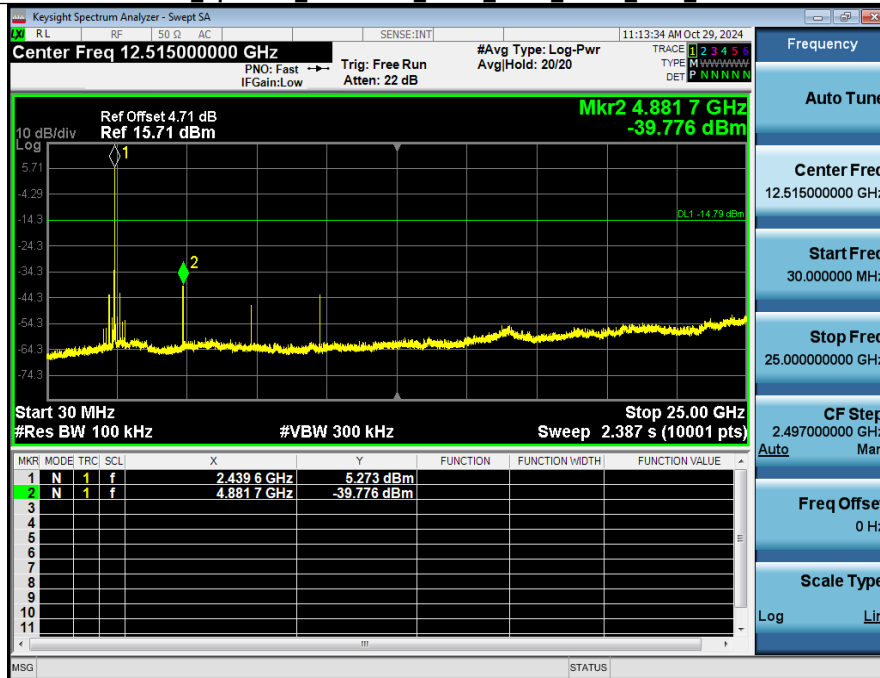
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-37.916	-15.094	Pass
NVNT	ANT1	1-DH1	2441.00	-39.776	-14.785	Pass
NVNT	ANT1	1-DH1	2480.00	-39.428	-14.993	Pass
NVNT	ANT1	2-DH1	2402.00	-36.366	-15.072	Pass
NVNT	ANT1	2-DH1	2441.00	-42.519	-14.768	Pass
NVNT	ANT1	2-DH1	2480.00	-39.220	-14.913	Pass
NVNT	ANT1	3-DH1	2402.00	-36.536	-15.084	Pass
NVNT	ANT1	3-DH1	2441.00	-39.530	-14.793	Pass
NVNT	ANT1	3-DH1	2480.00	-39.522	-14.995	Pass



1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



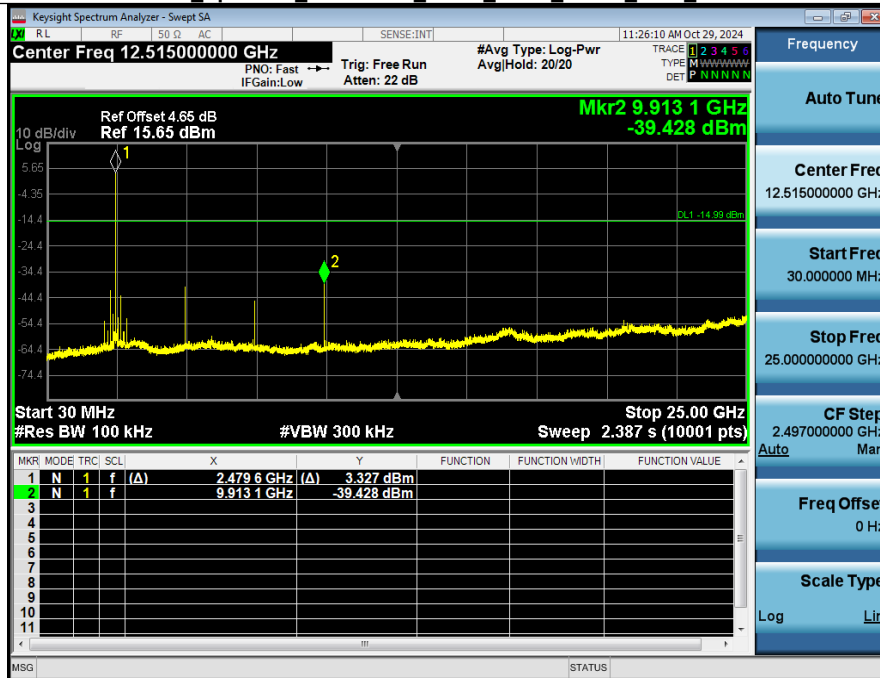
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



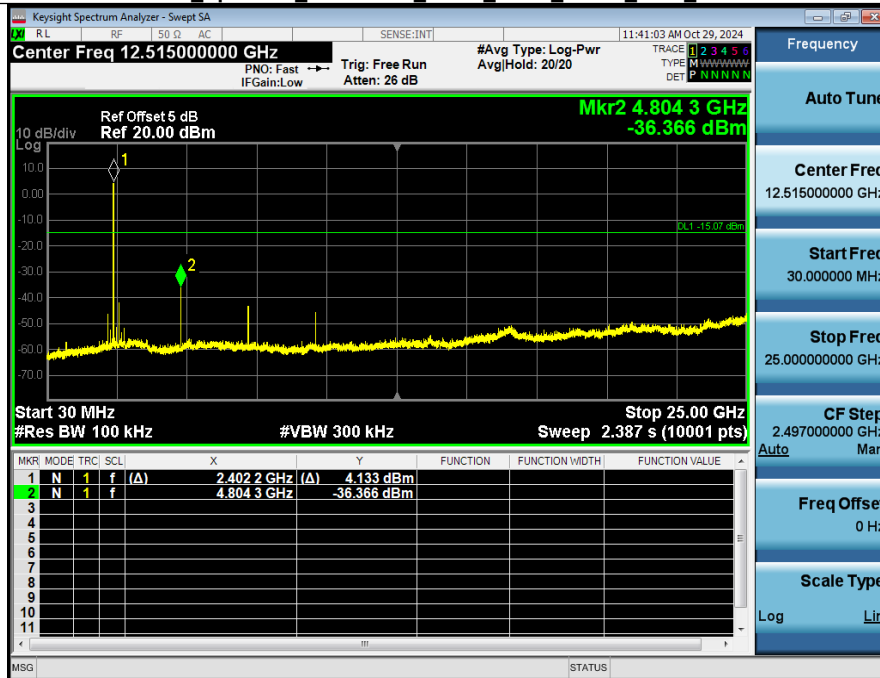
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



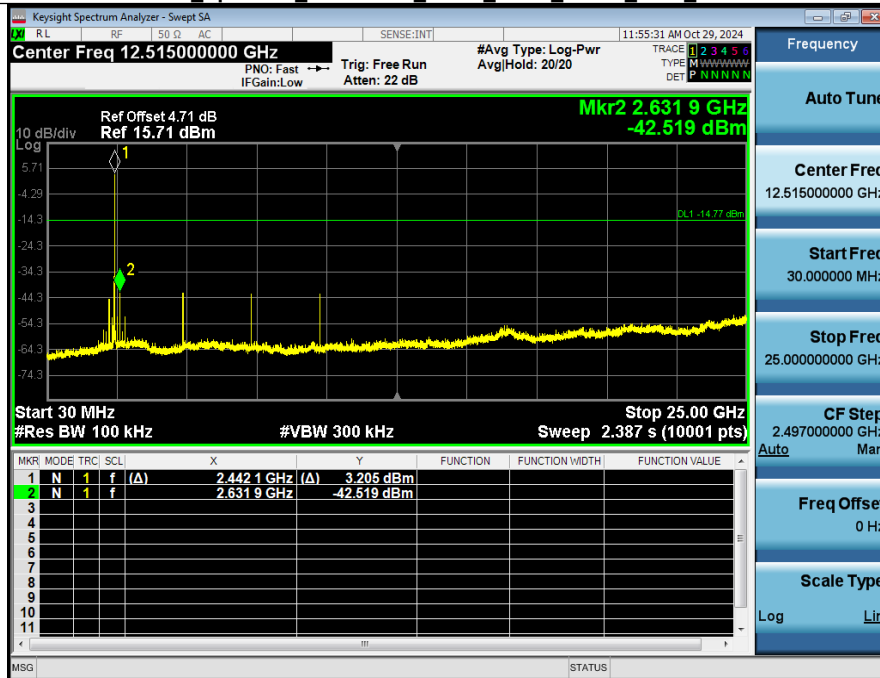
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



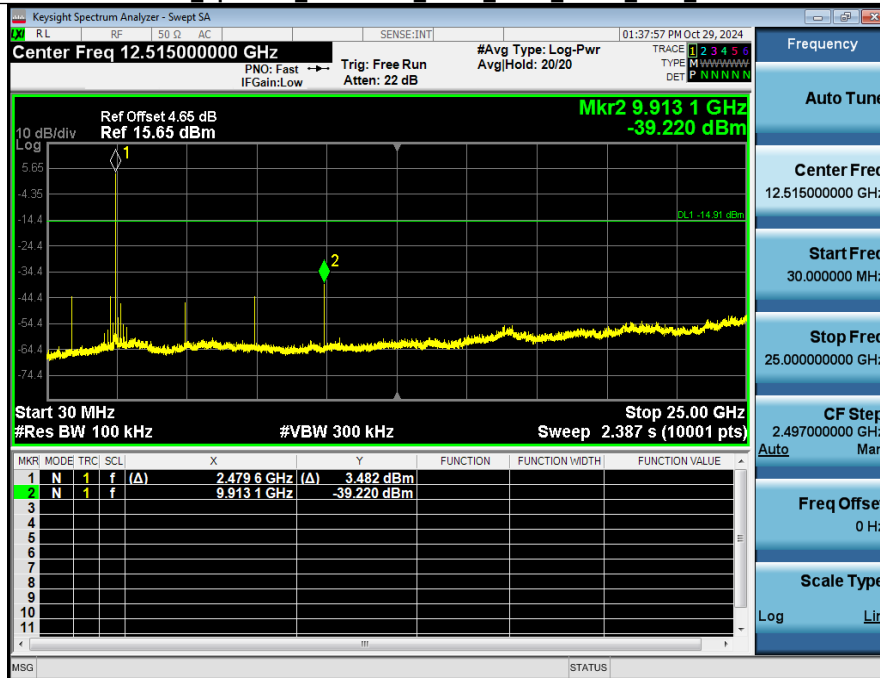
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



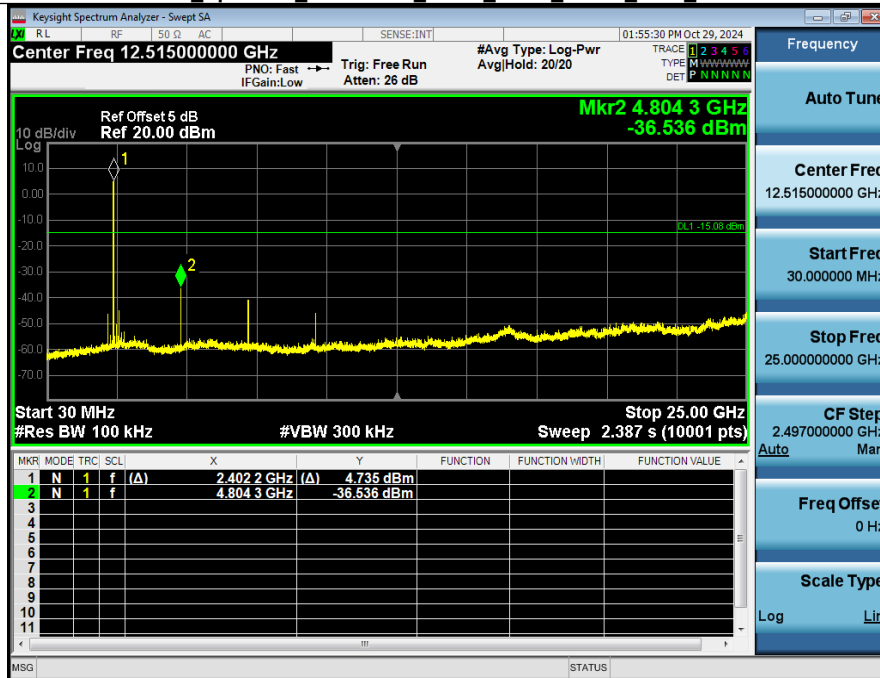
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_NVNT_ANT1_3-DH1_2402_00



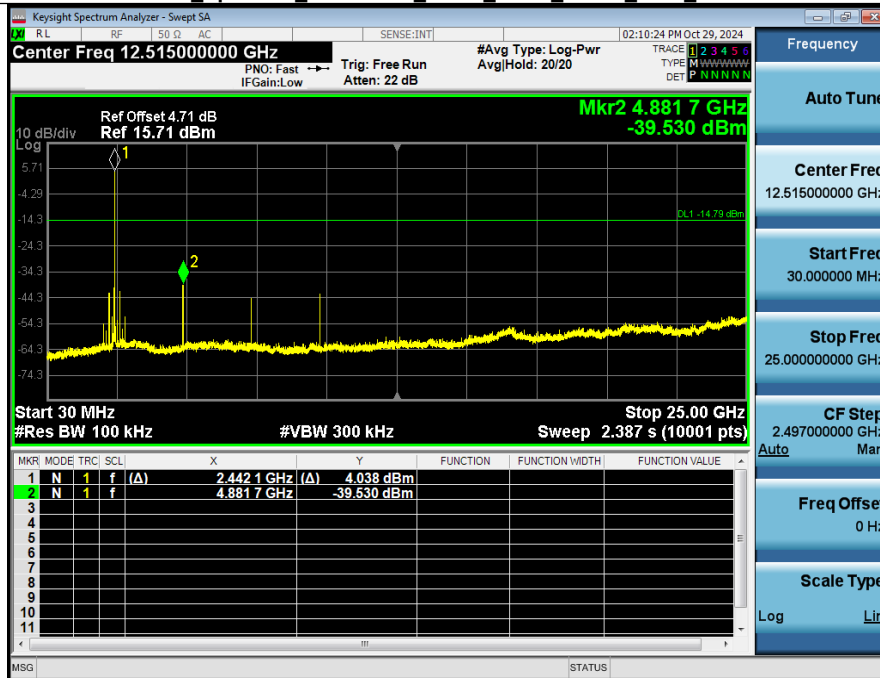
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



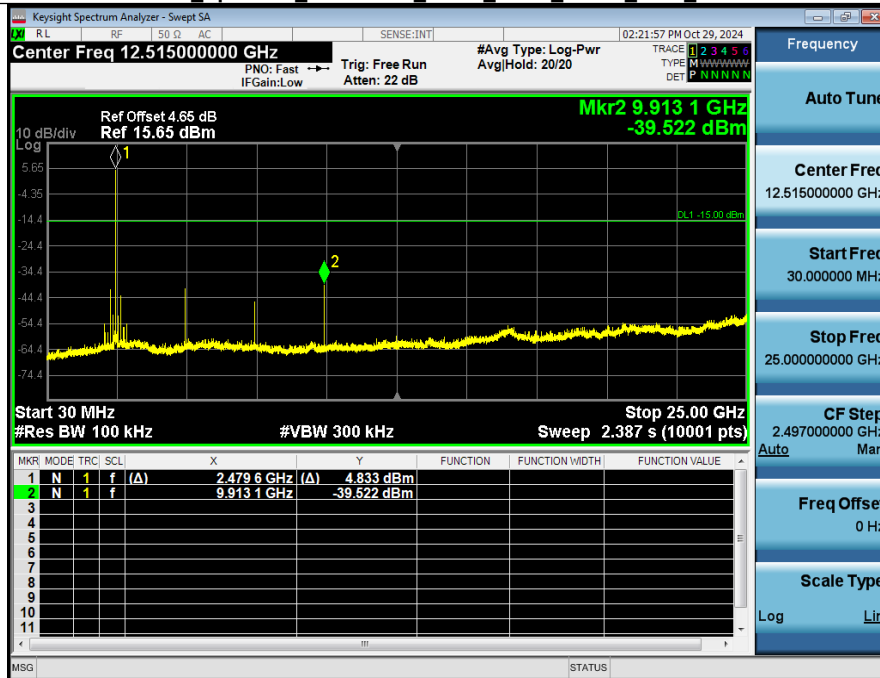
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1_Reference_Level_NVNT_ANT1_3-DH1_2480_00

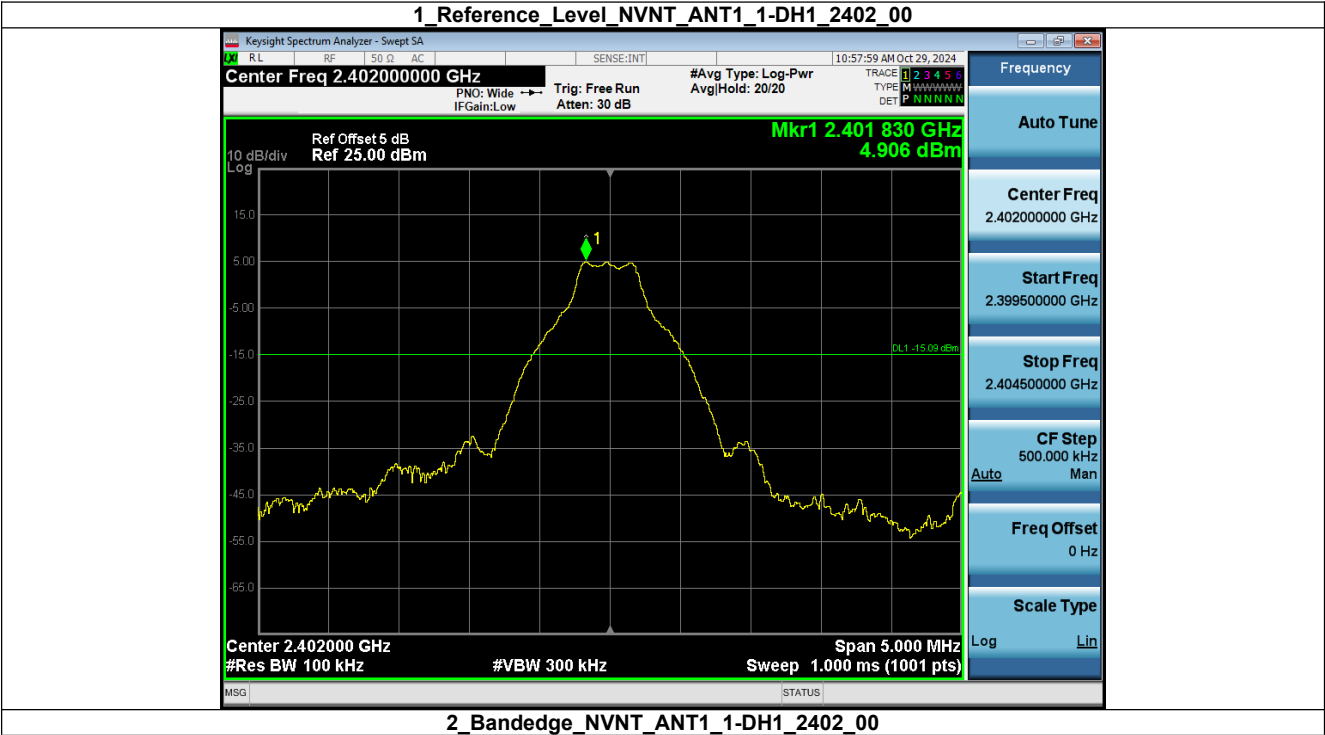


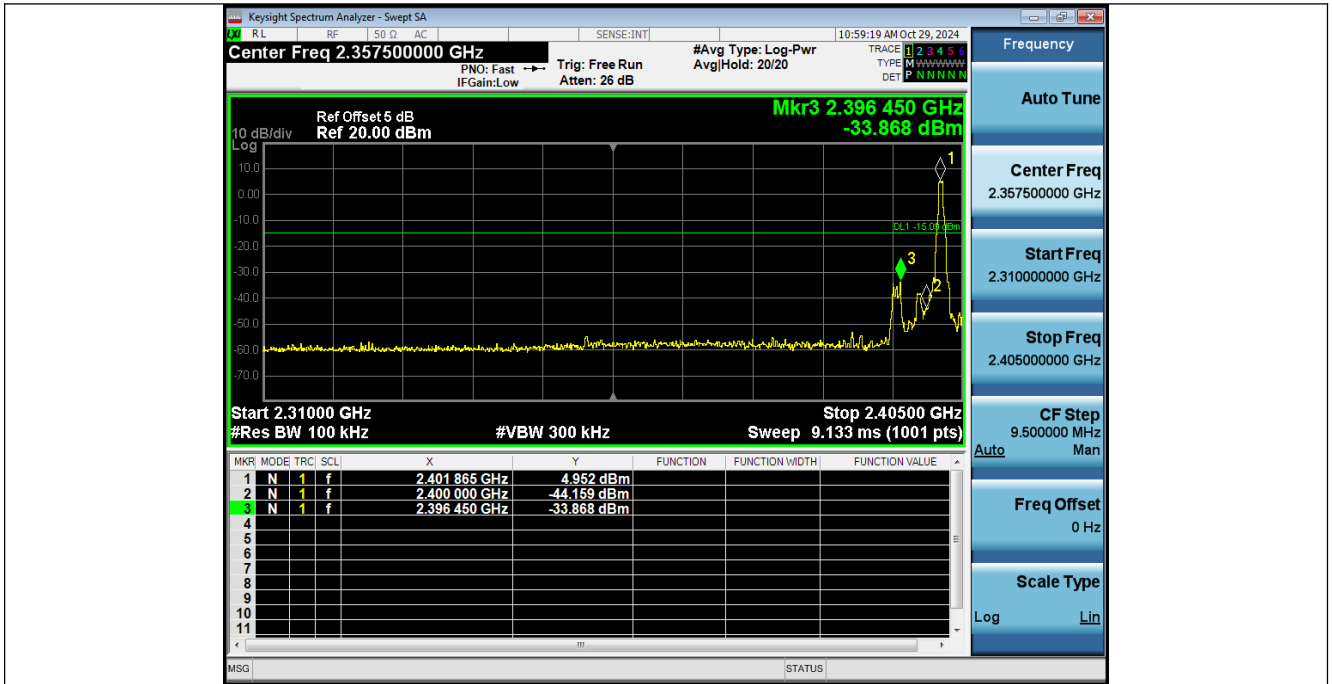
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00



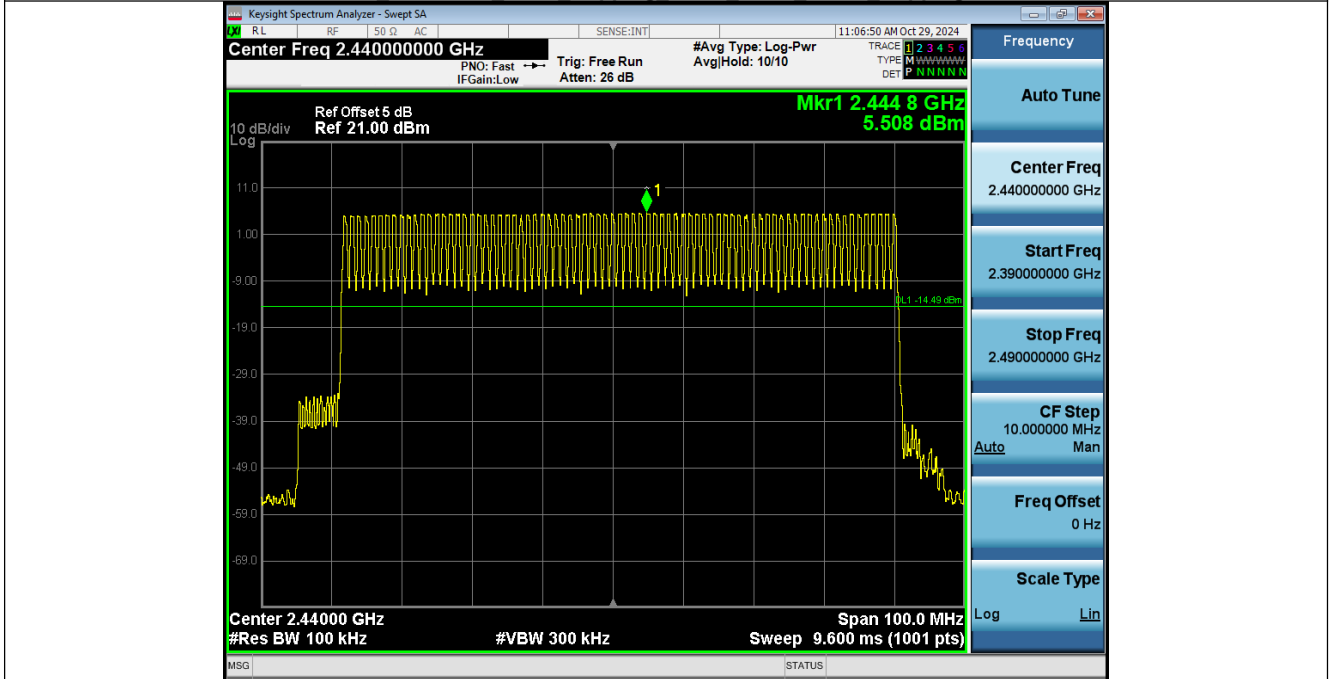
6. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-33.868	-15.094	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-33.453	-14.492	Pass
NVNT	ANT1	1-DH1	2480.00	-42.878	-14.993	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-45.324	-14.829	Pass
NVNT	ANT1	2-DH1	2402.00	-33.549	-15.072	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-33.537	-14.442	Pass
NVNT	ANT1	2-DH1	2480.00	-45.106	-14.913	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-45.101	-14.735	Pass
NVNT	ANT1	3-DH1	2402.00	-33.721	-15.084	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-33.398	-14.489	Pass
NVNT	ANT1	3-DH1	2480.00	-42.484	-14.995	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-42.558	-14.803	Pass

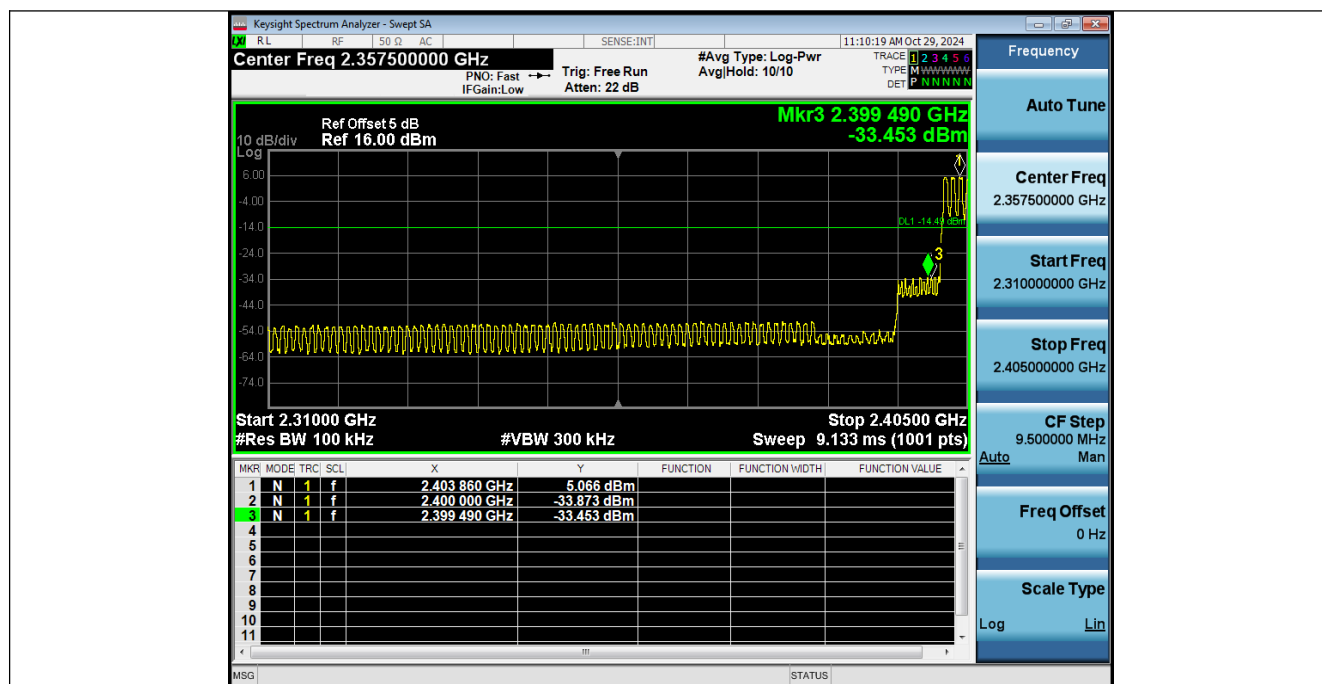




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



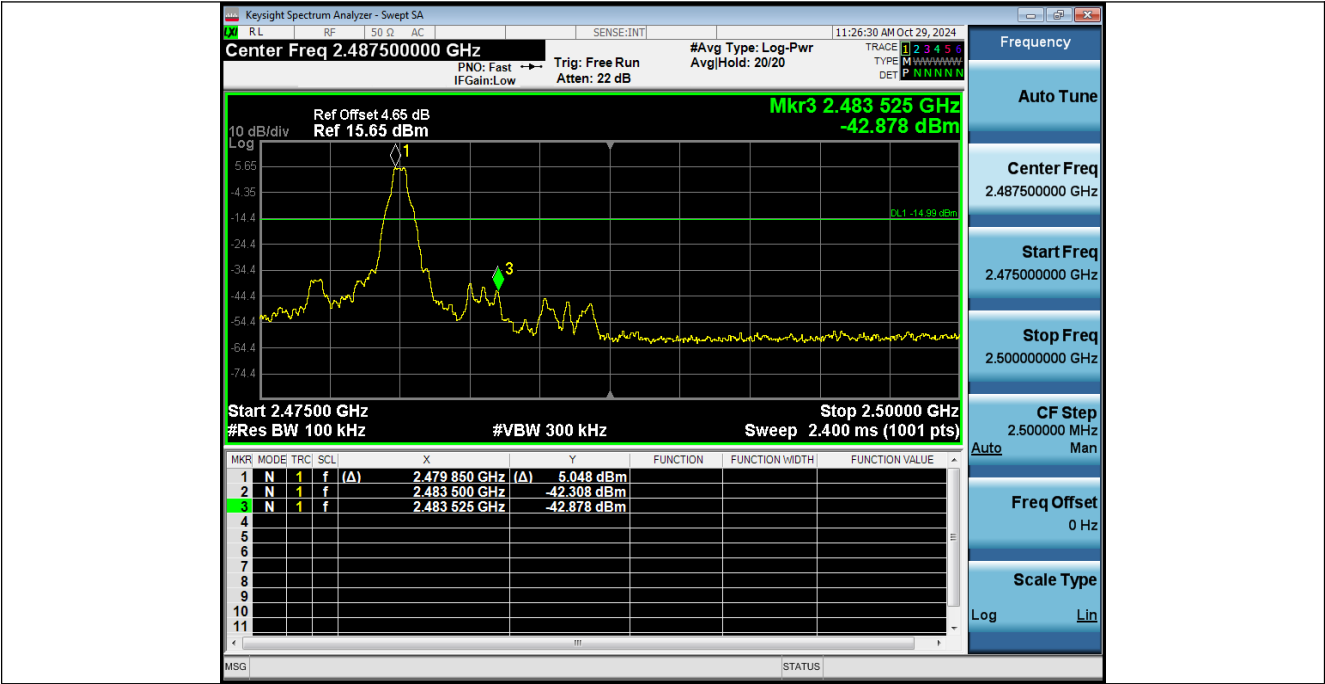
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



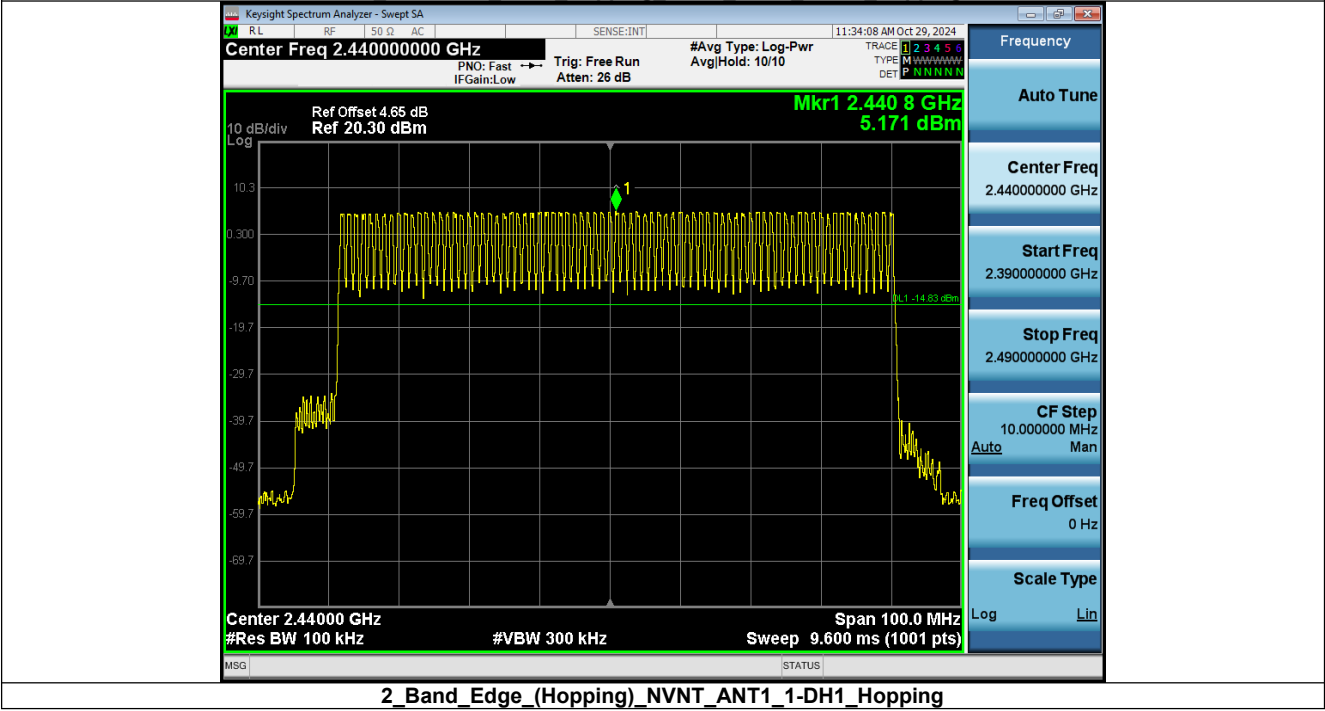
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



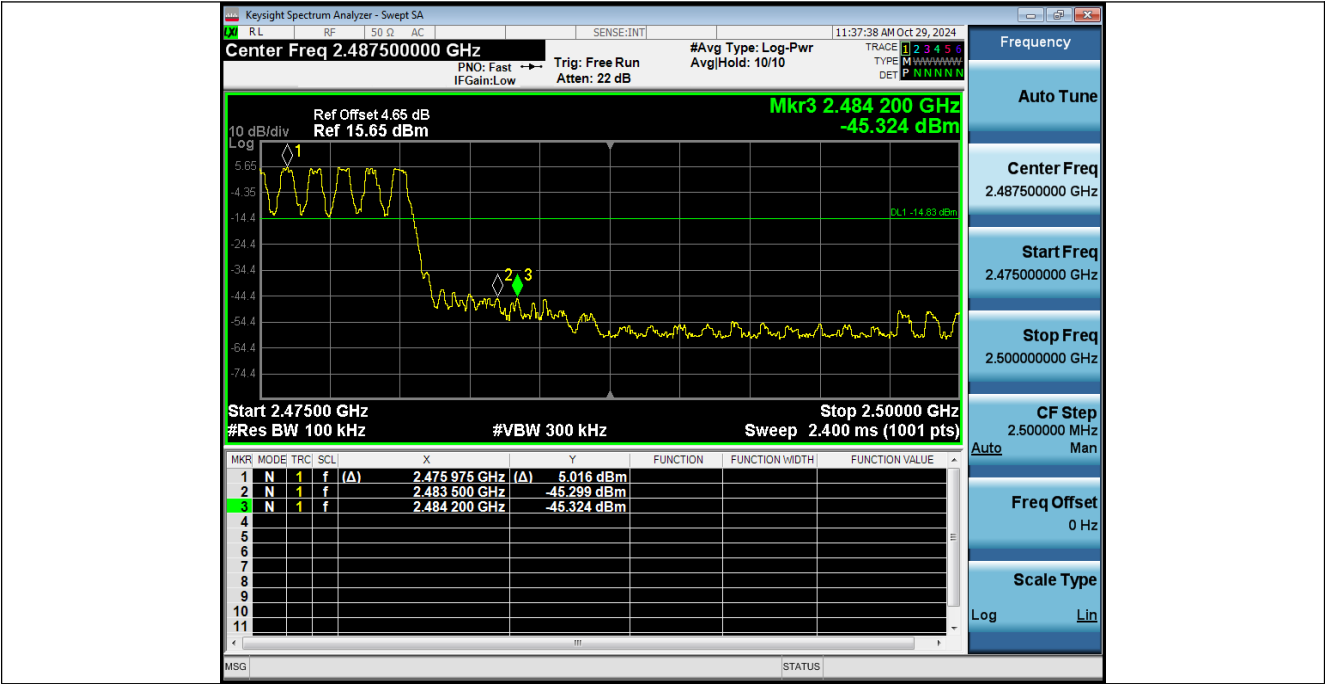
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



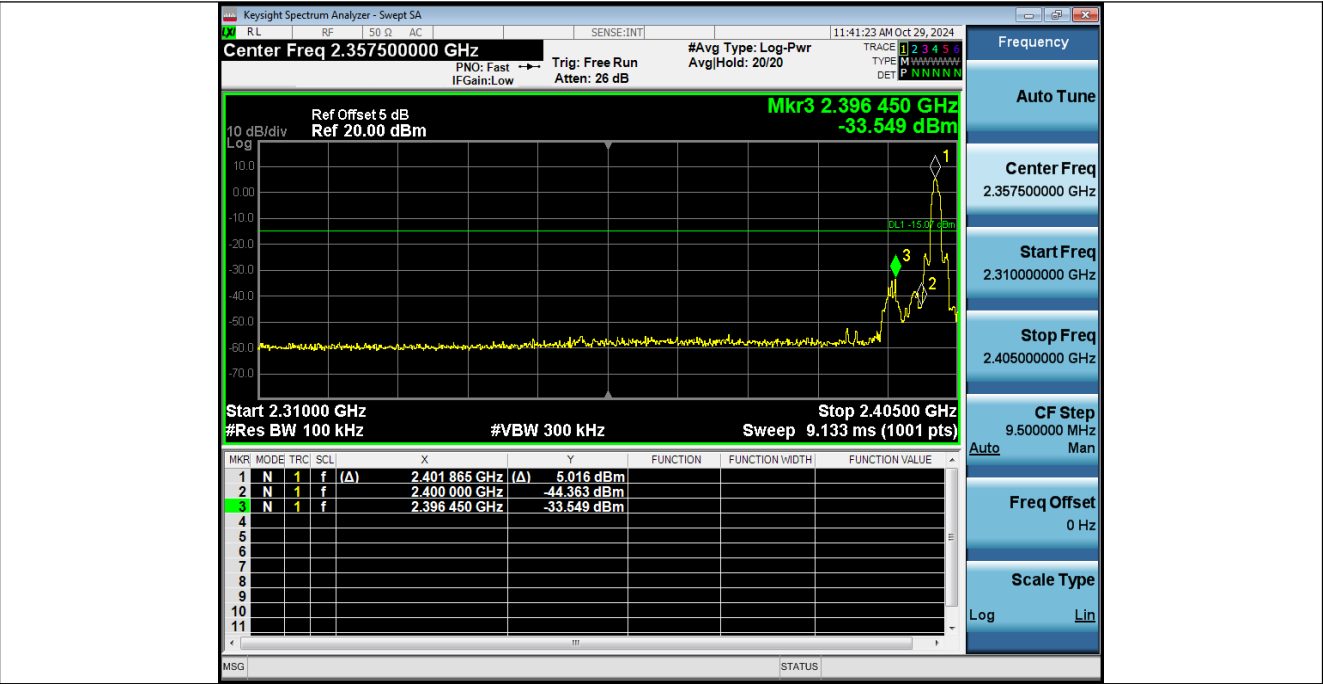
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



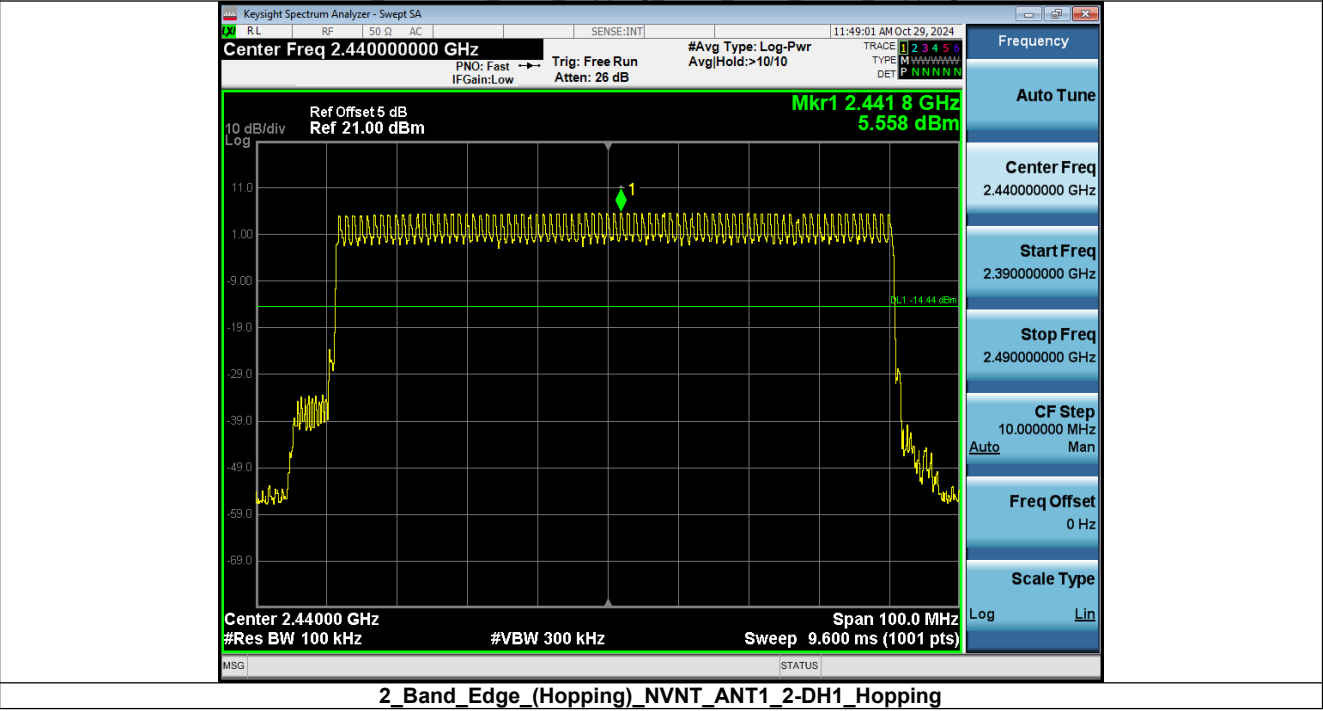
1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



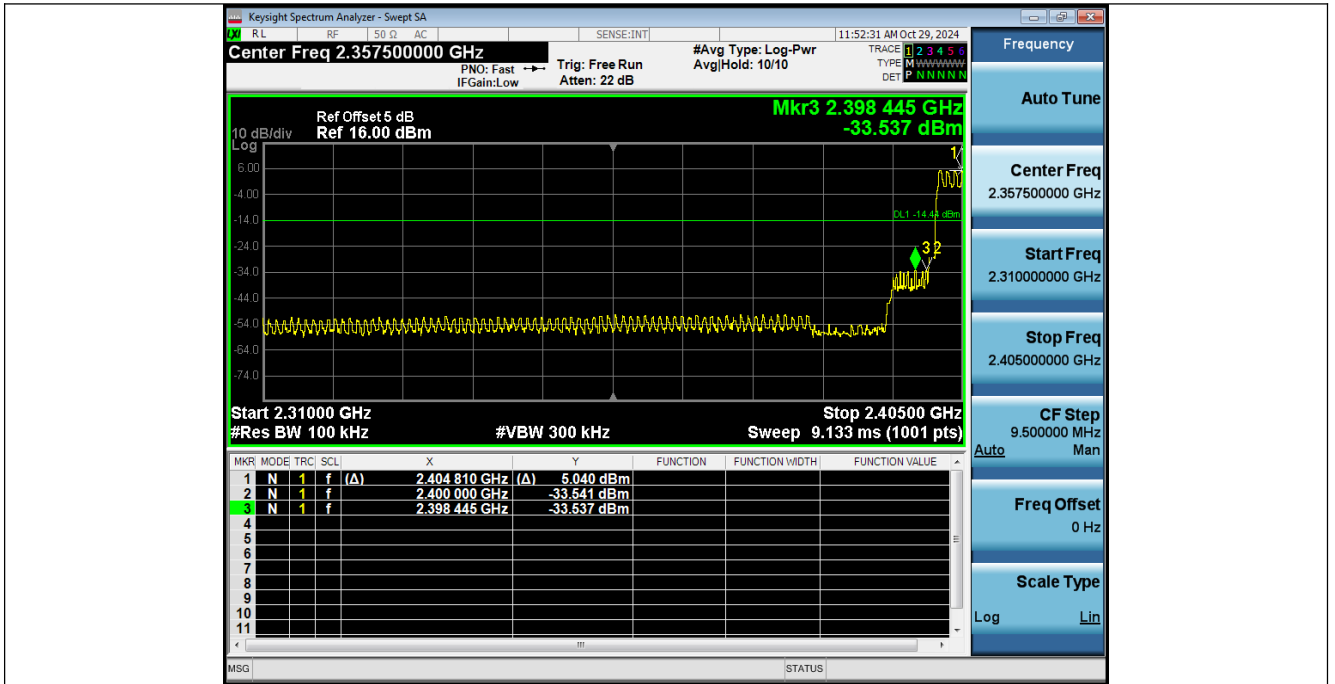
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



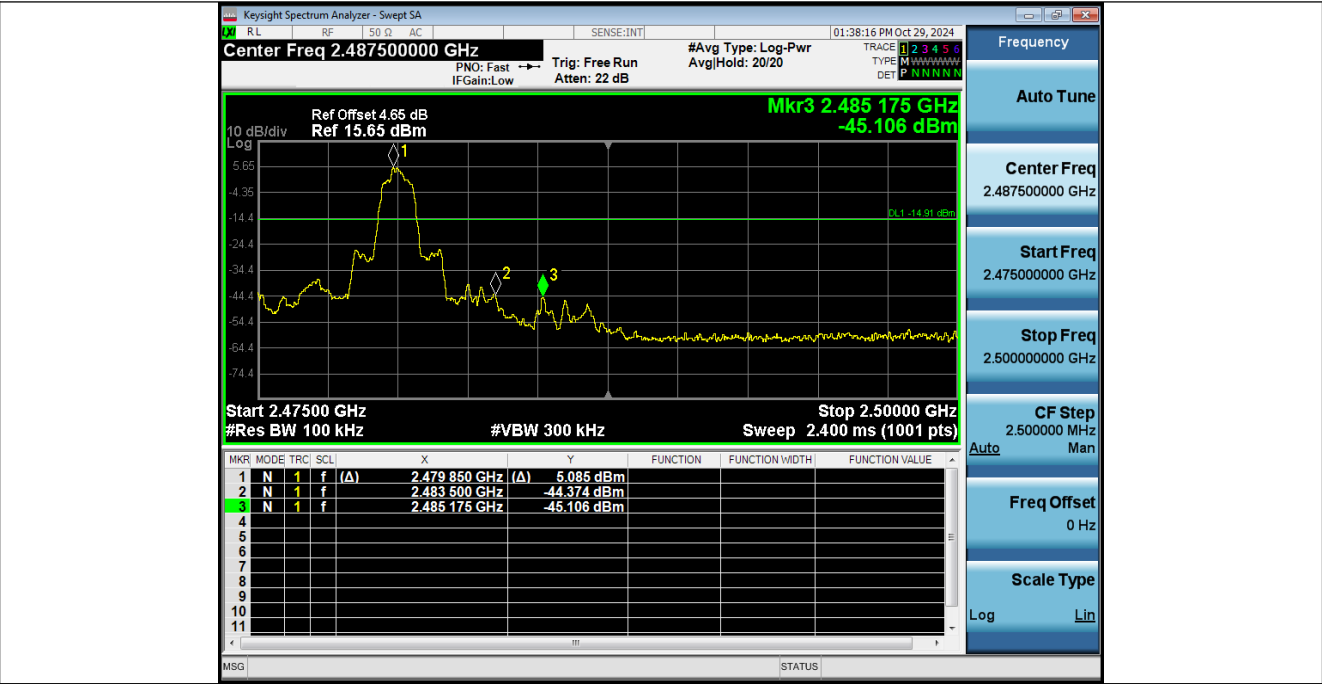
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



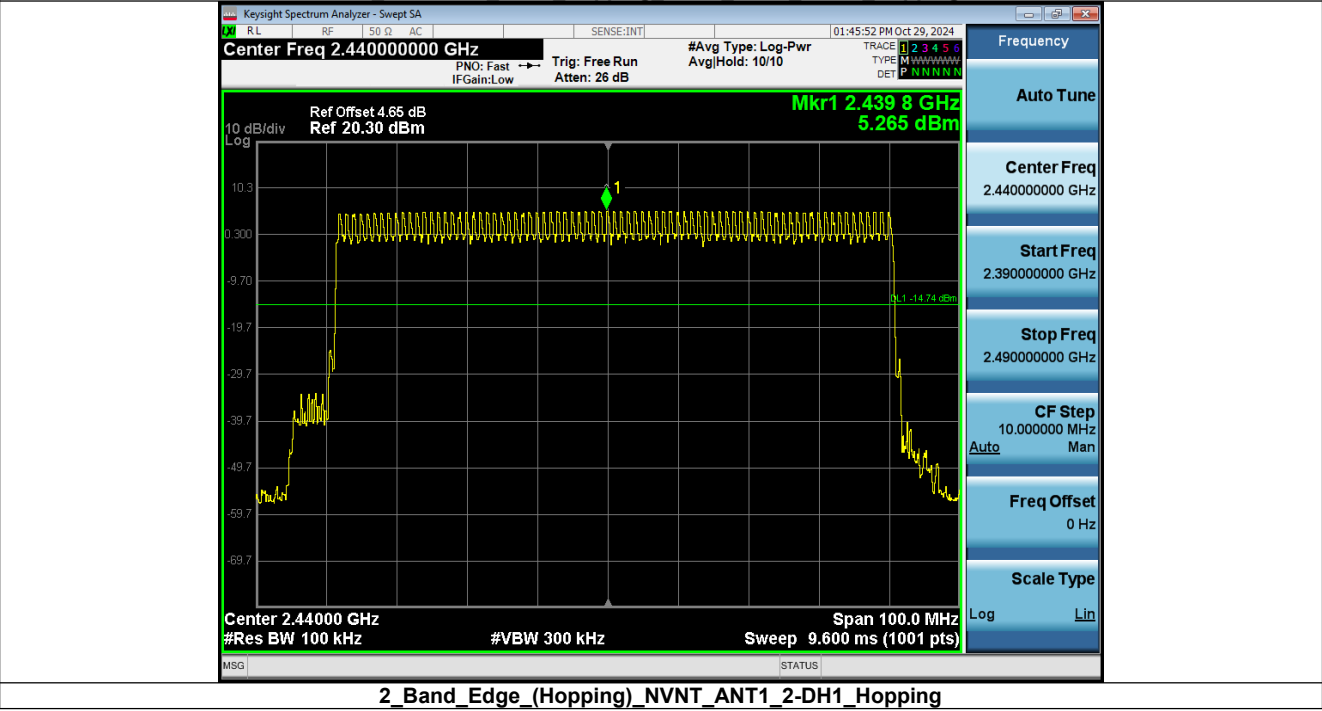
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



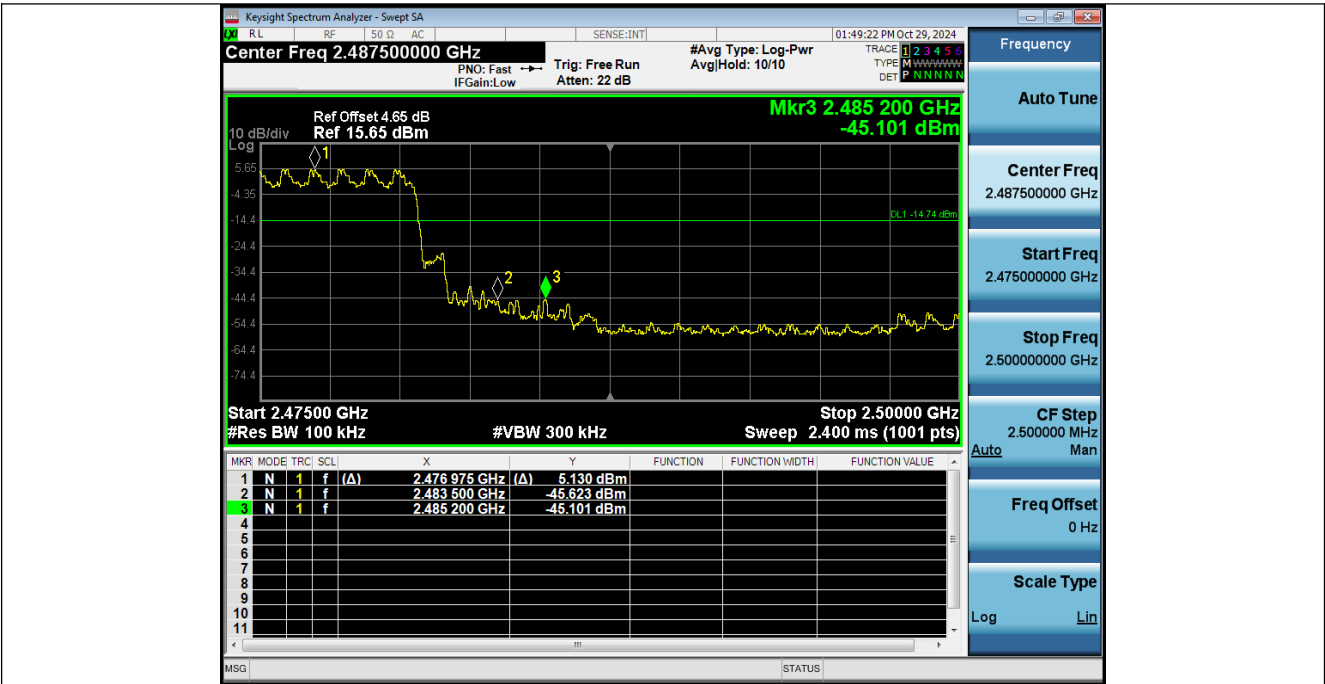
2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



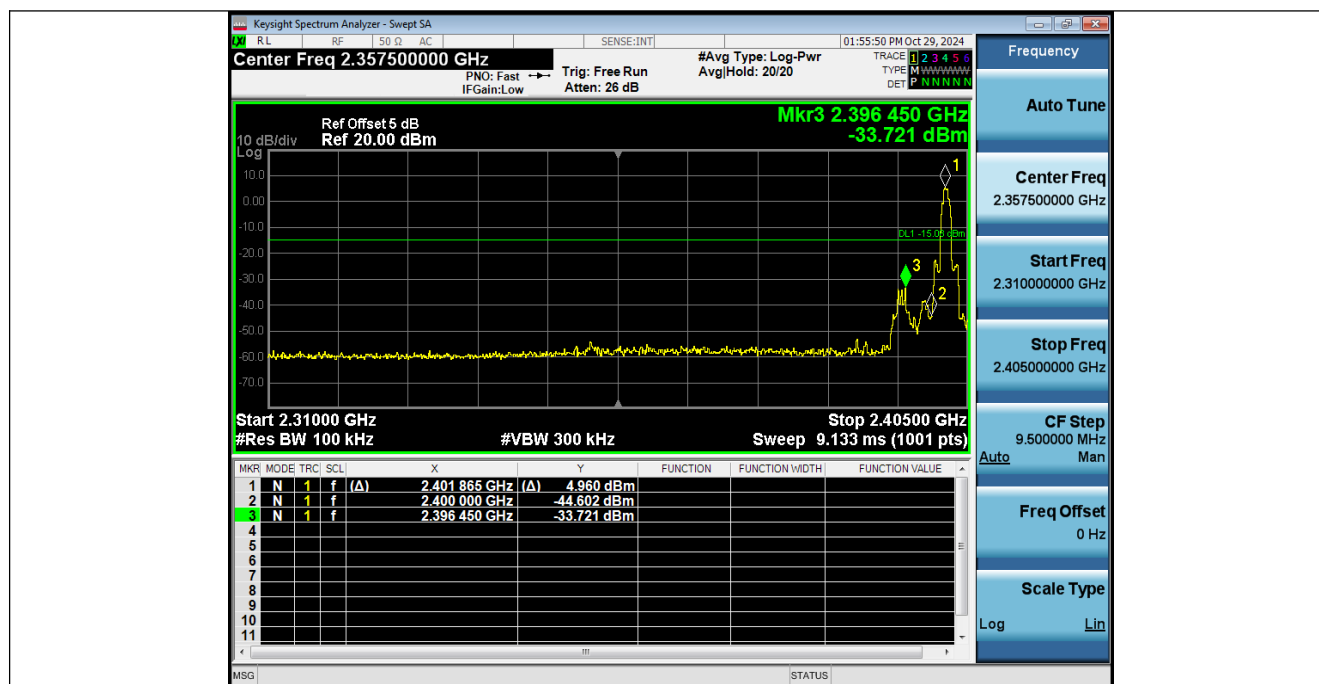
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



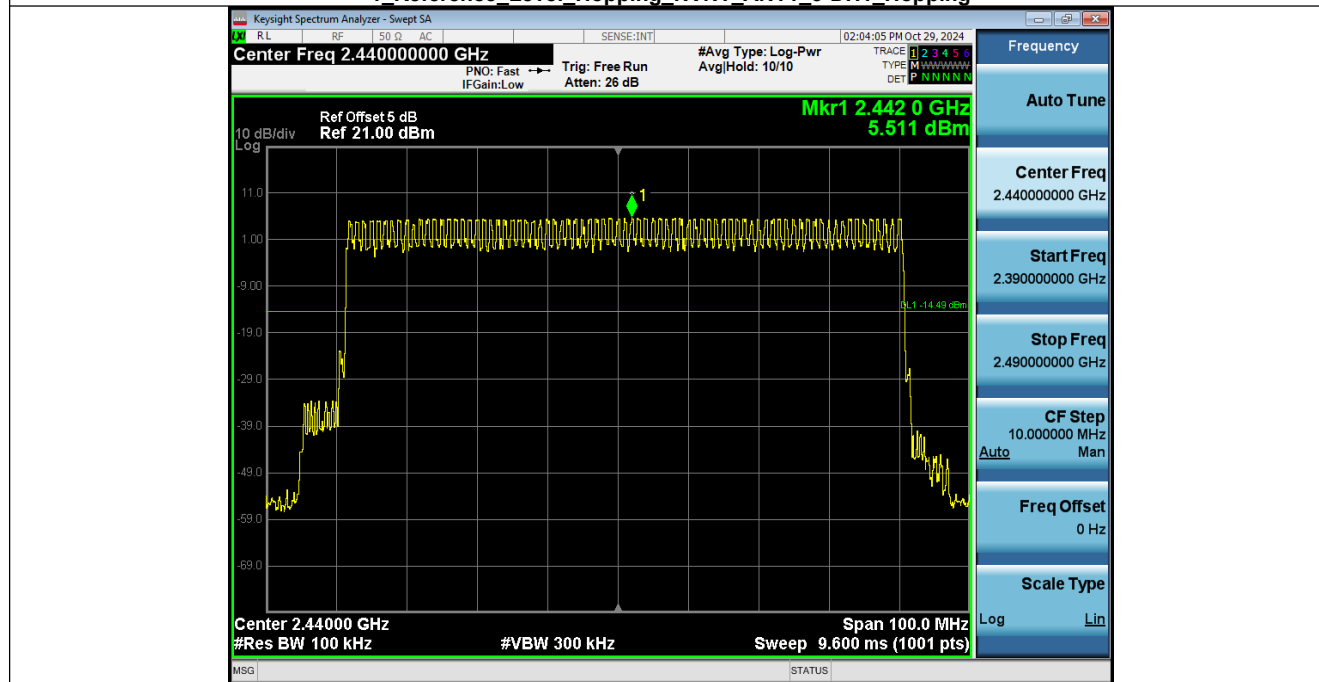
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



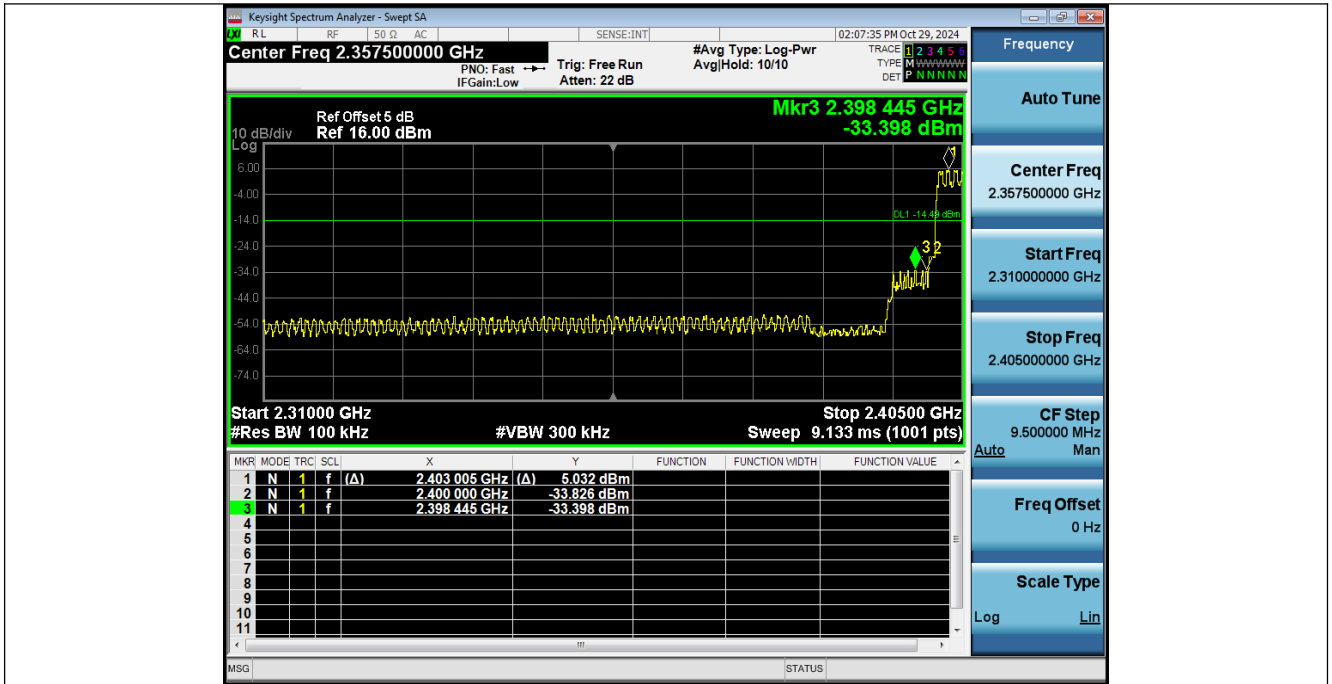
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



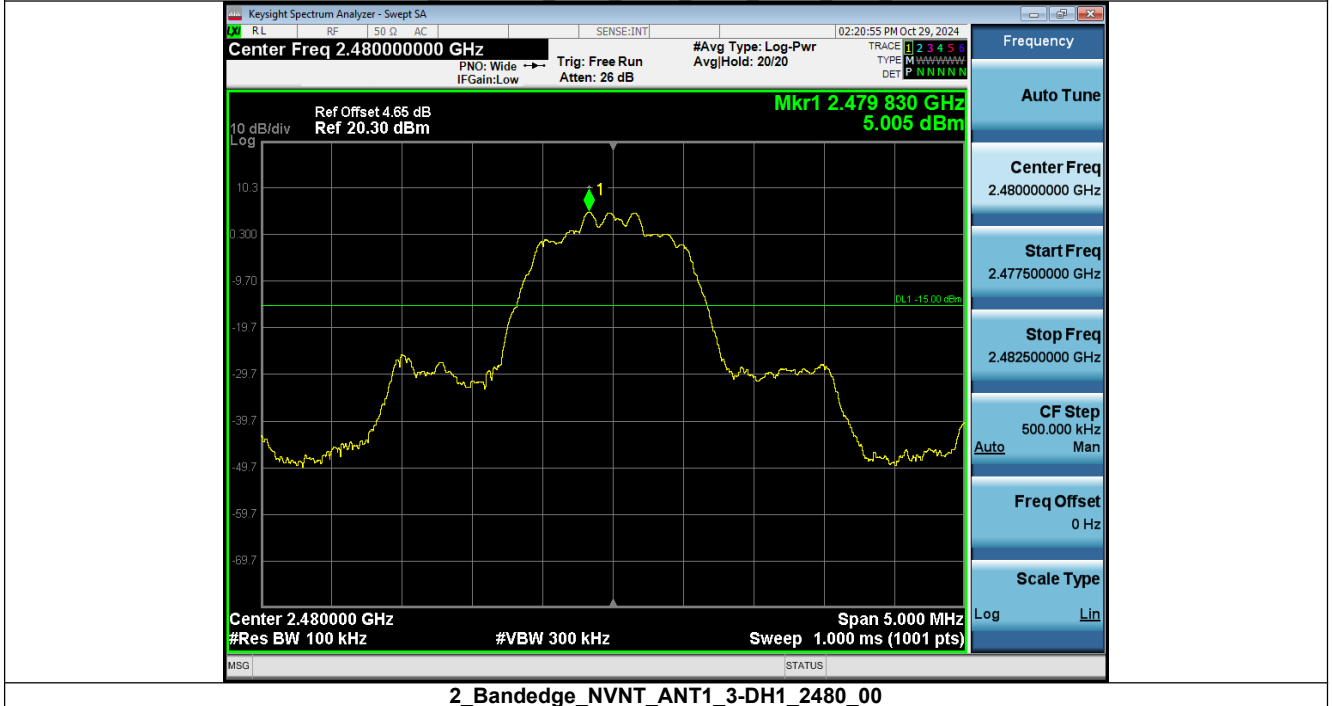
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



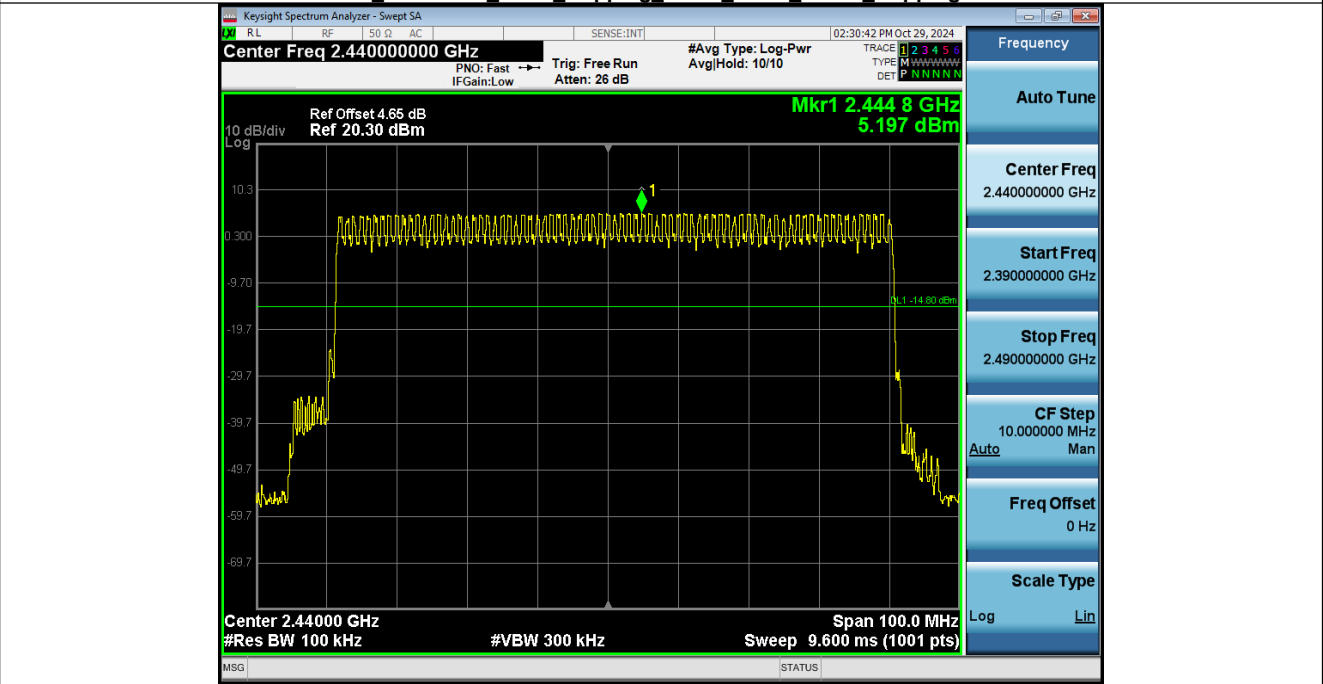
1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



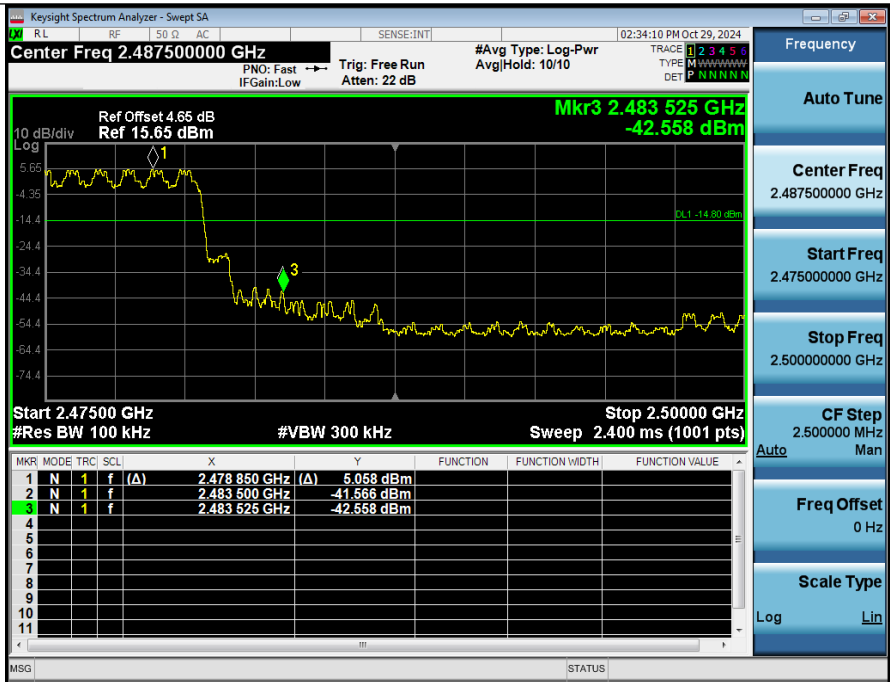
2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping

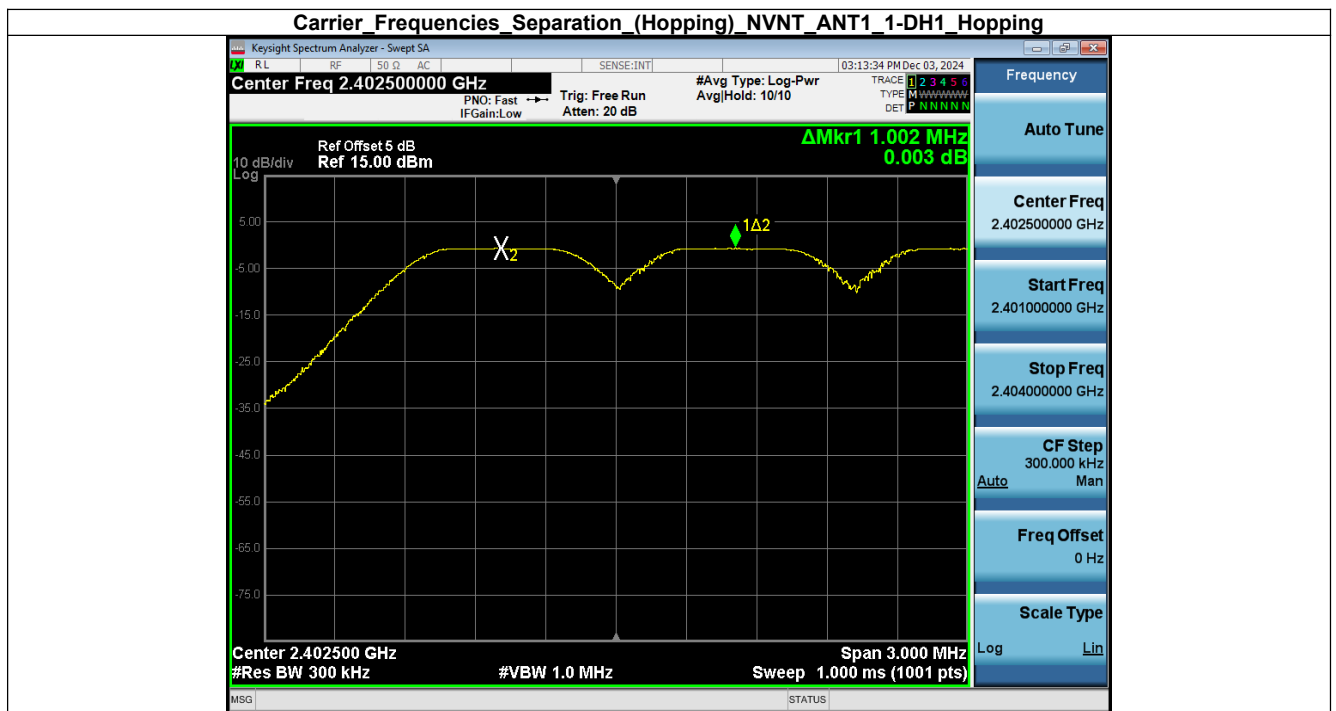


2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

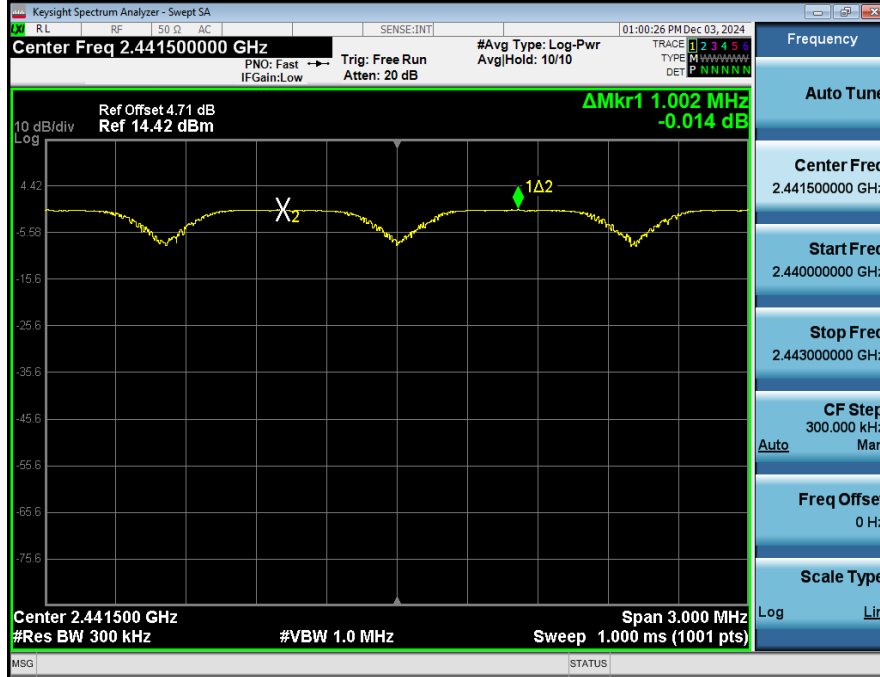


7. Carrier Frequencies Separation (Hopping)

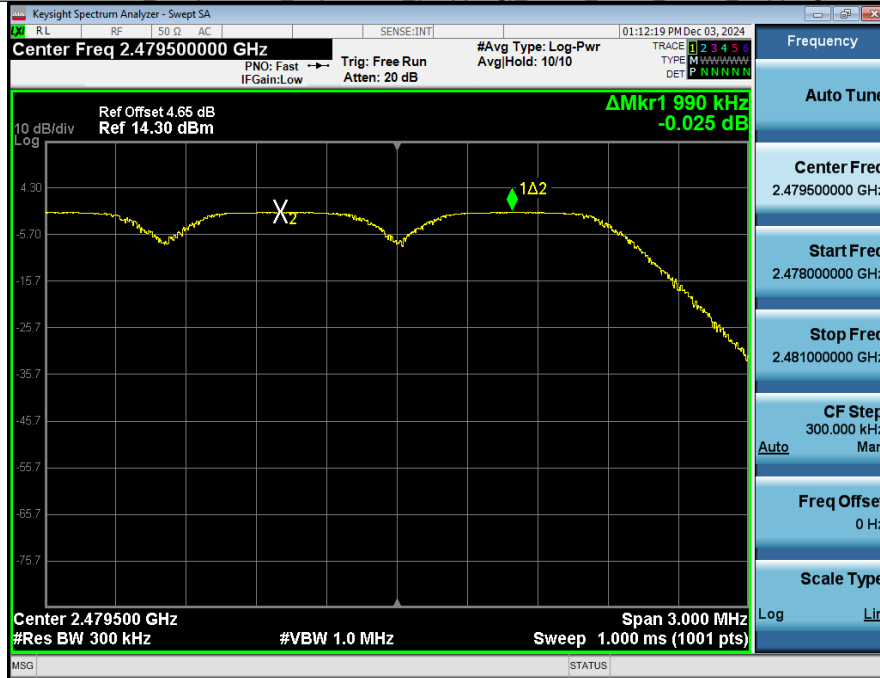
Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH1	2402.00	2402.008	2403.010	1.00	0.879	Pass
NVNT	ANT1	1-DH1	2441.00	2441.014	2442.016	1.00	0.877	Pass
NVNT	ANT1	1-DH1	2480.00	2479.002	2479.992	0.99	0.876	Pass
NVNT	ANT1	2-DH1	2402.00	2402.002	2402.995	0.99	0.853	Pass
NVNT	ANT1	2-DH1	2441.00	2441.011	2442.004	0.99	0.836	Pass
NVNT	ANT1	2-DH1	2480.00	2478.996	2479.995	1.00	0.837	Pass
NVNT	ANT1	3-DH1	2402.00	2401.999	2403.004	1.00	0.830	Pass
NVNT	ANT1	3-DH1	2441.00	2440.999	2442.007	1.01	0.817	Pass
NVNT	ANT1	3-DH1	2480.00	2479.005	2480.013	1.01	0.828	Pass



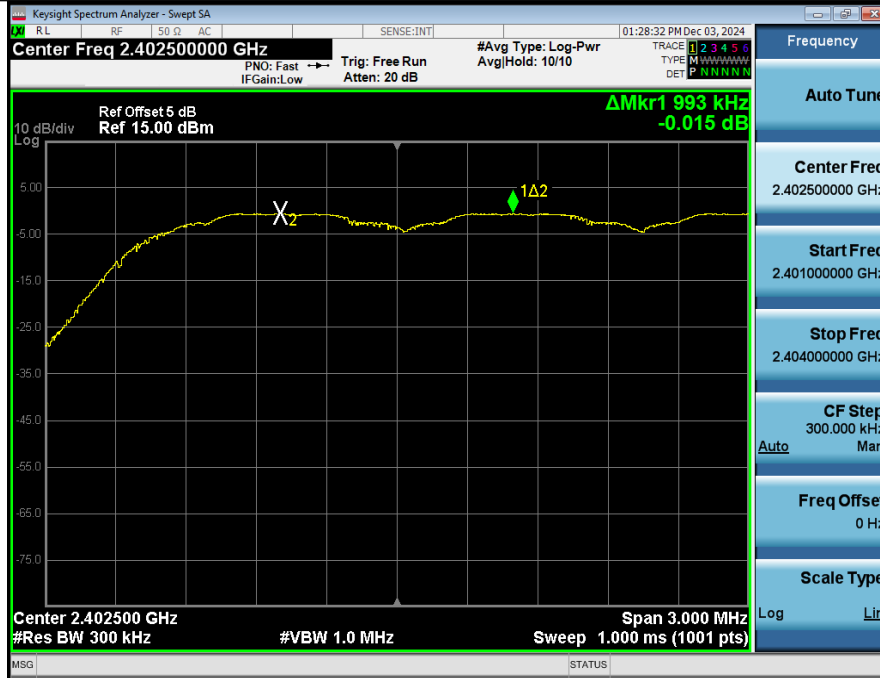
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



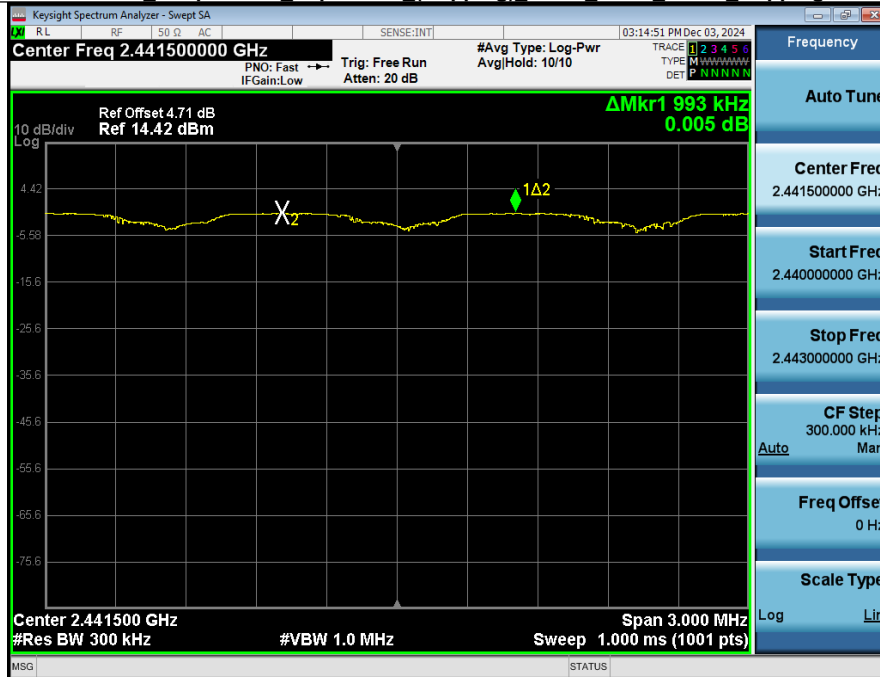
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



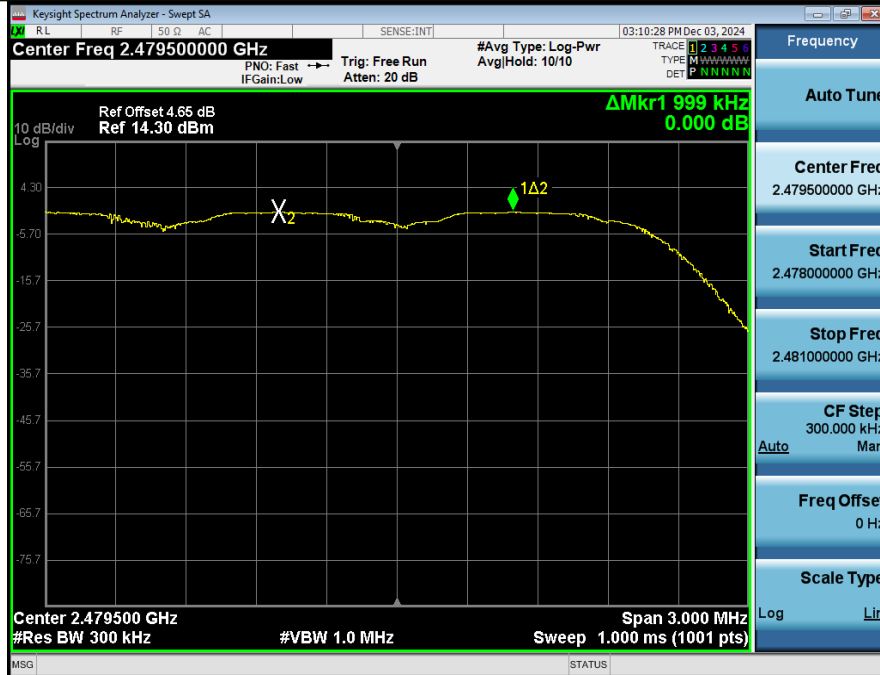
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



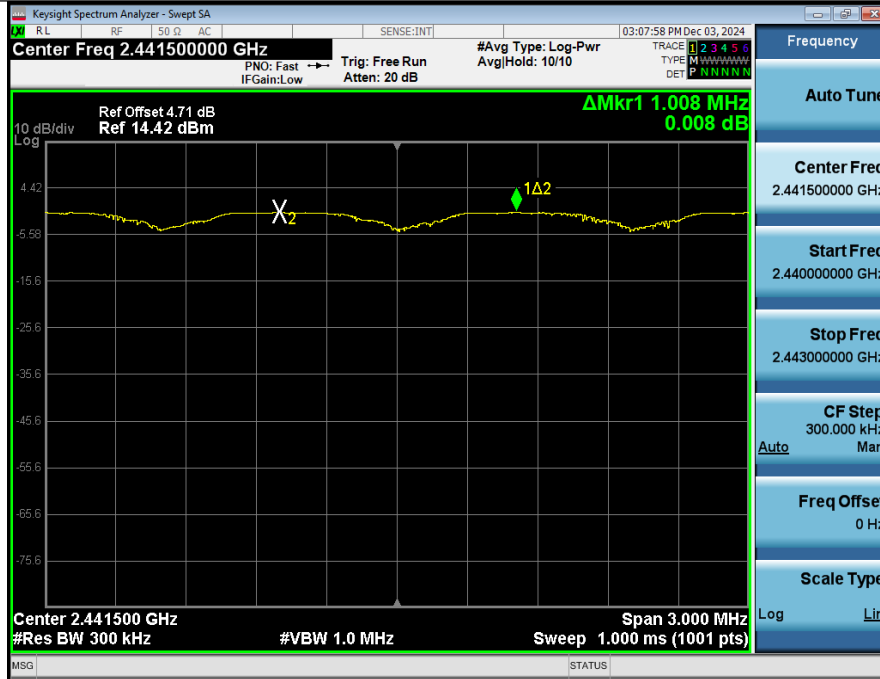
Carrier Frequencies Separation (Hopping) NVNT_ANT1 2-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

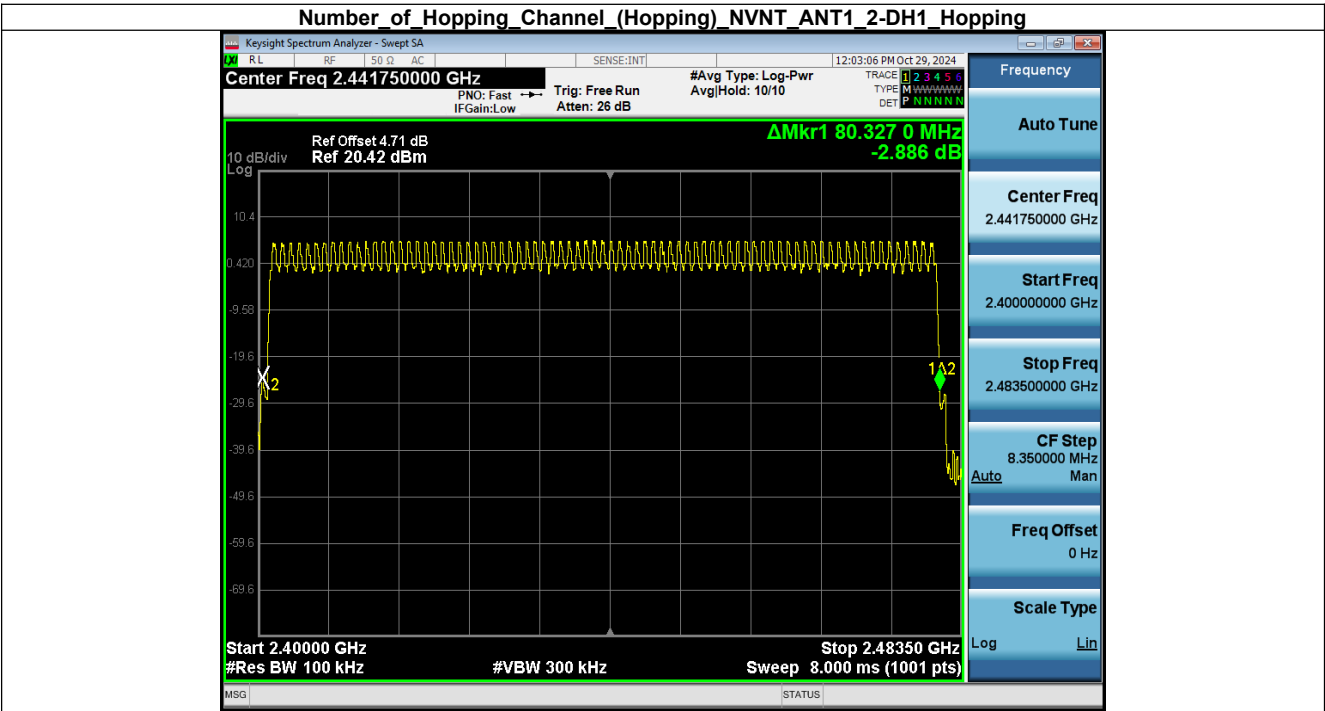
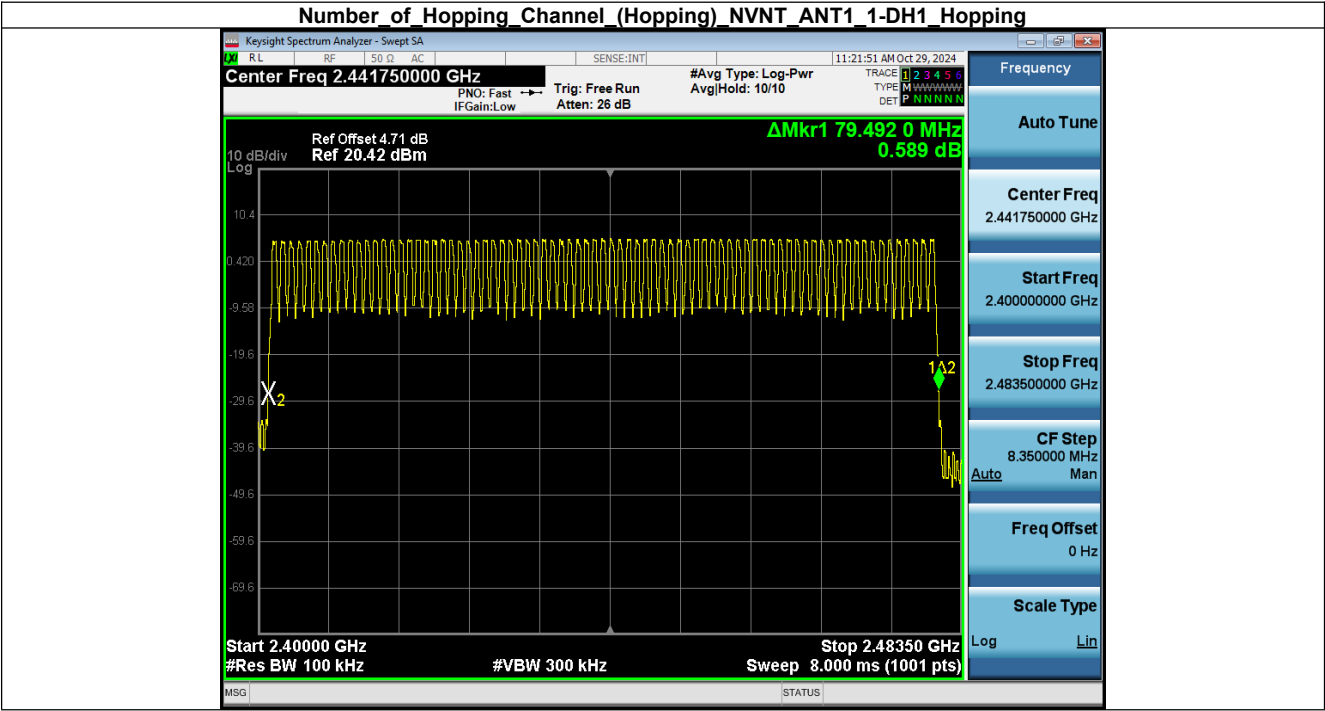


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



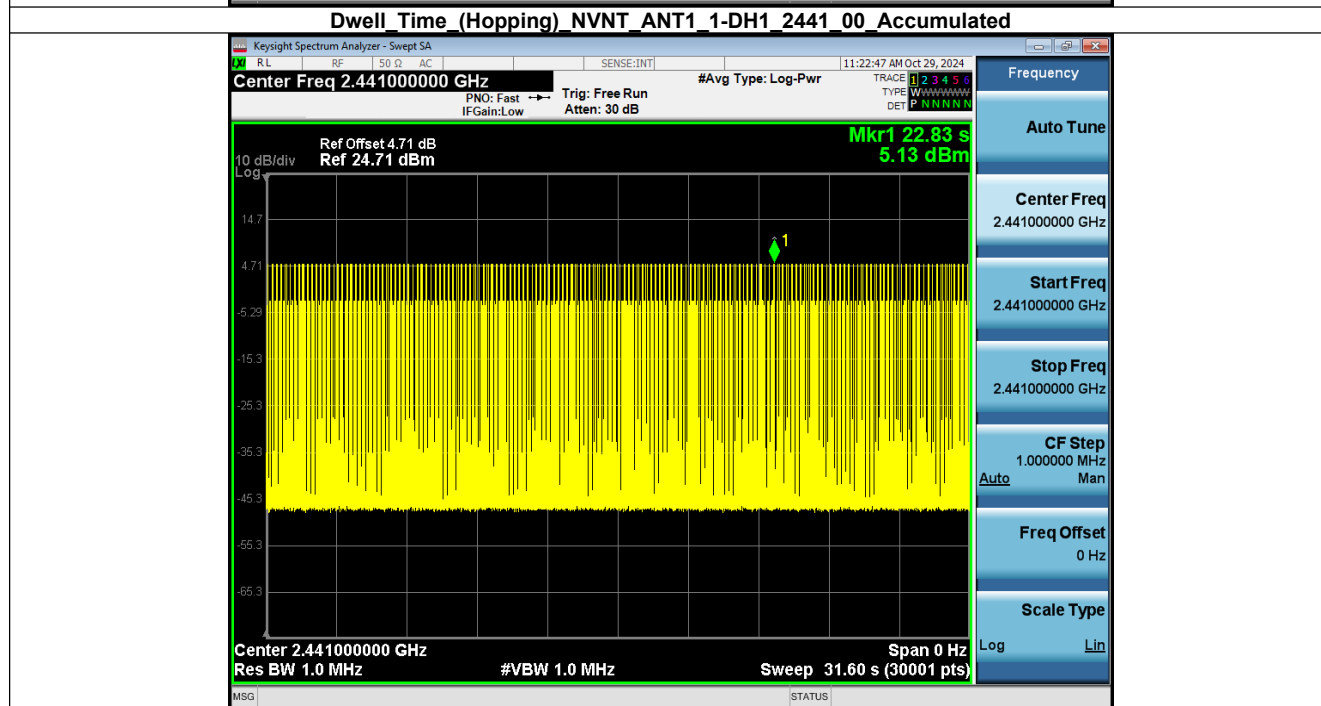
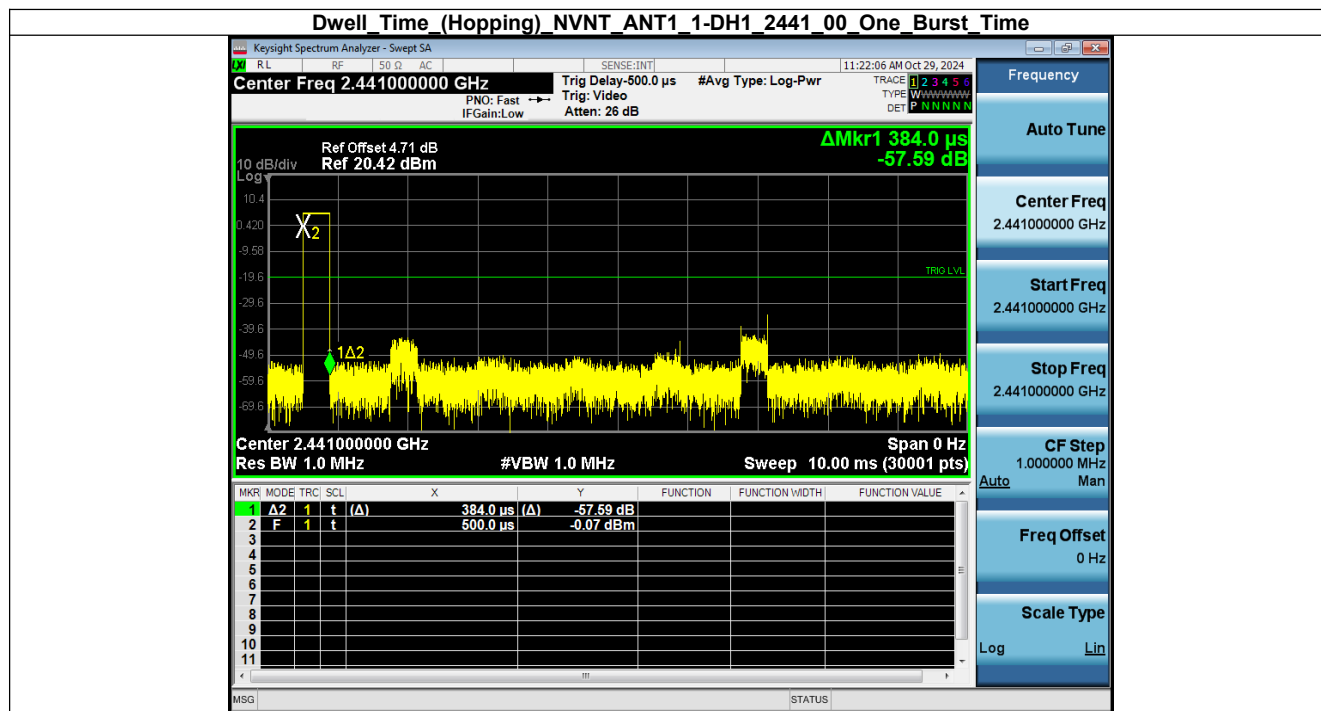
8. Number of Hopping Channel (Hopping)

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

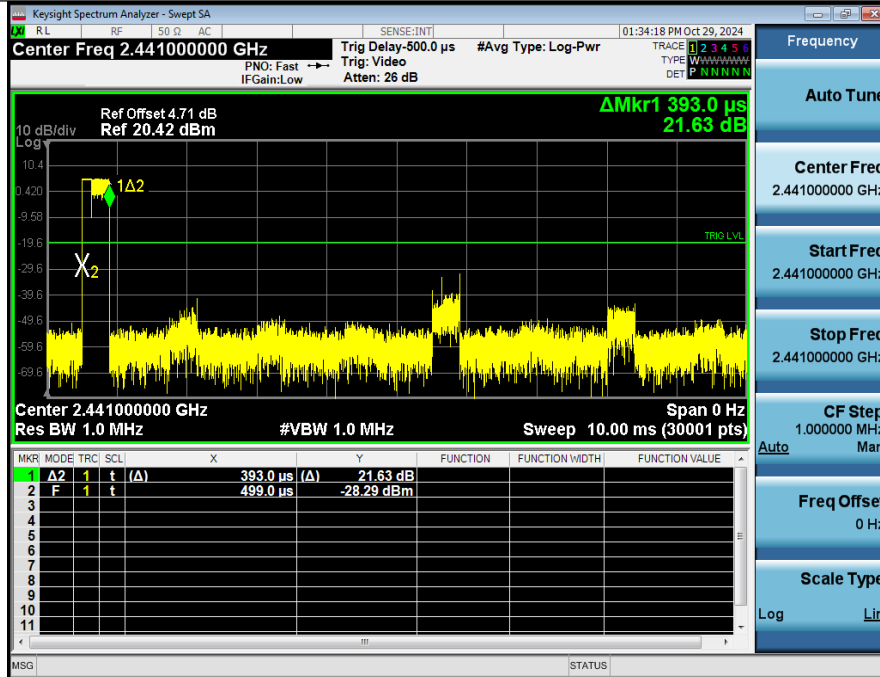


9. Dwell Time (Hopping)

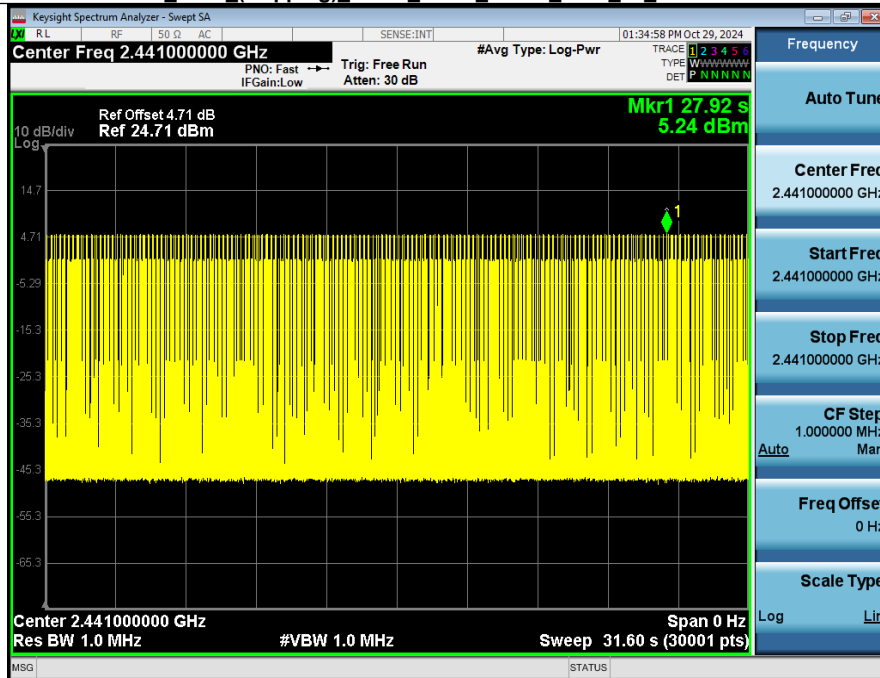
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.384	320.00	122.880	0.40	Pass
NVNT	ANT1	2-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	3-DH1	0.393	319.00	125.367	0.40	Pass
NVNT	ANT1	1-DH3	1.640	153.00	250.920	0.40	Pass
NVNT	ANT1	1-DH5	2.888	116.00	335.008	0.40	Pass
NVNT	ANT1	2-DH3	1.645	158.00	259.910	0.40	Pass
NVNT	ANT1	2-DH5	2.893	113.00	326.909	0.40	Pass
NVNT	ANT1	3-DH3	1.644	157.00	258.108	0.40	Pass
NVNT	ANT1	3-DH5	2.896	104.00	301.184	0.40	Pass



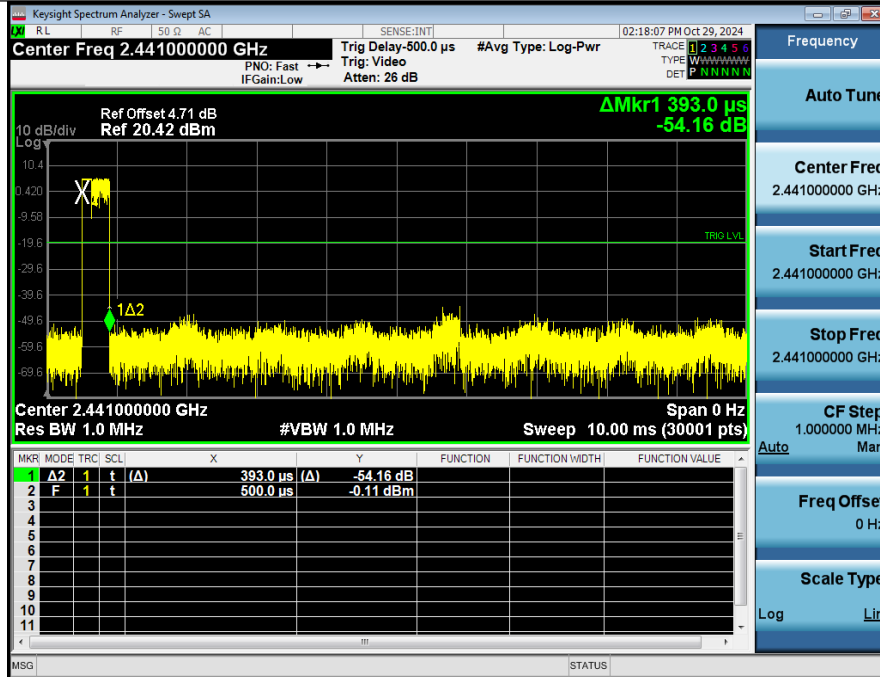
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



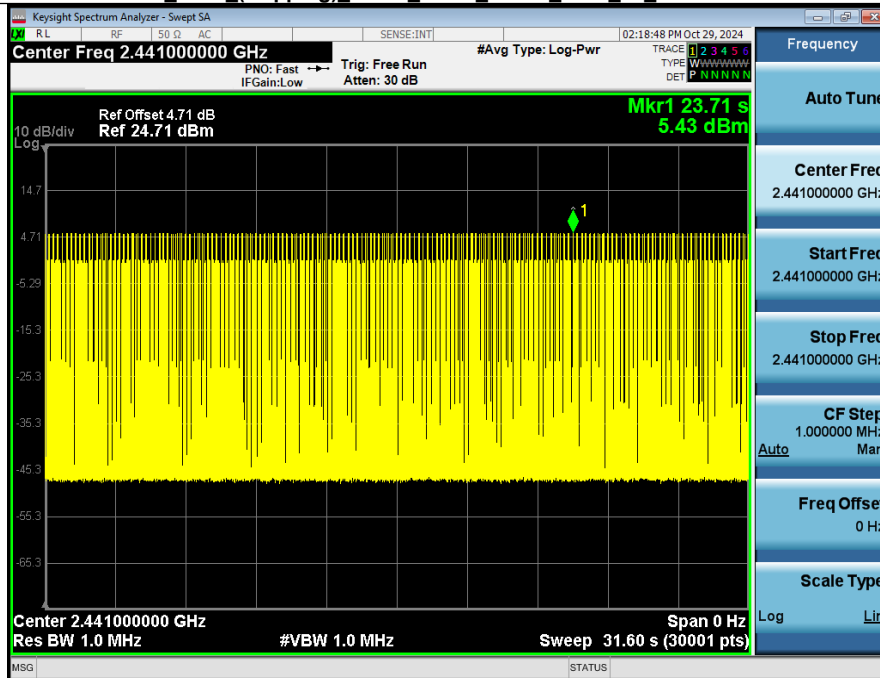
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



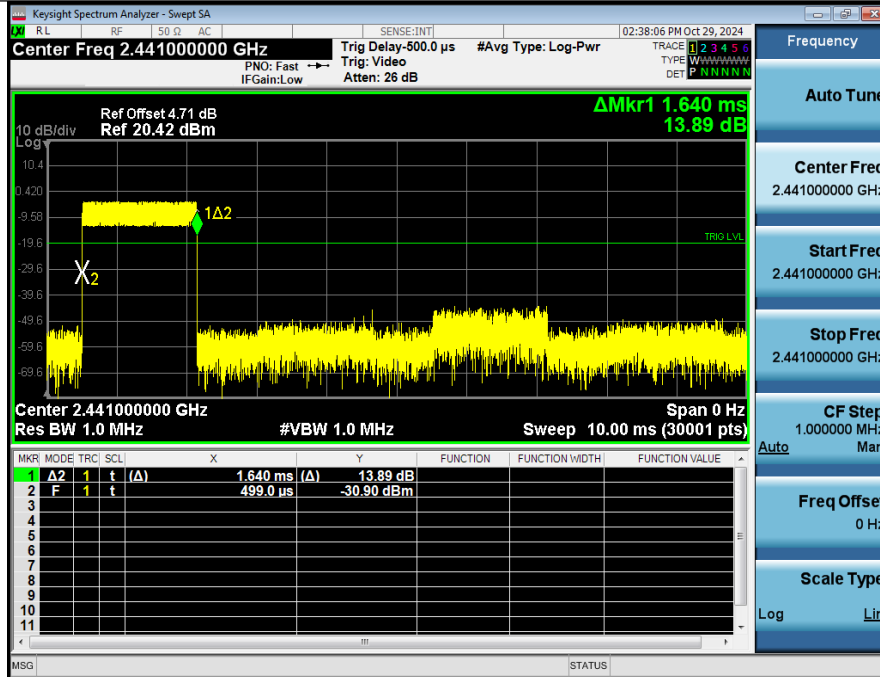
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One_Burst_Time



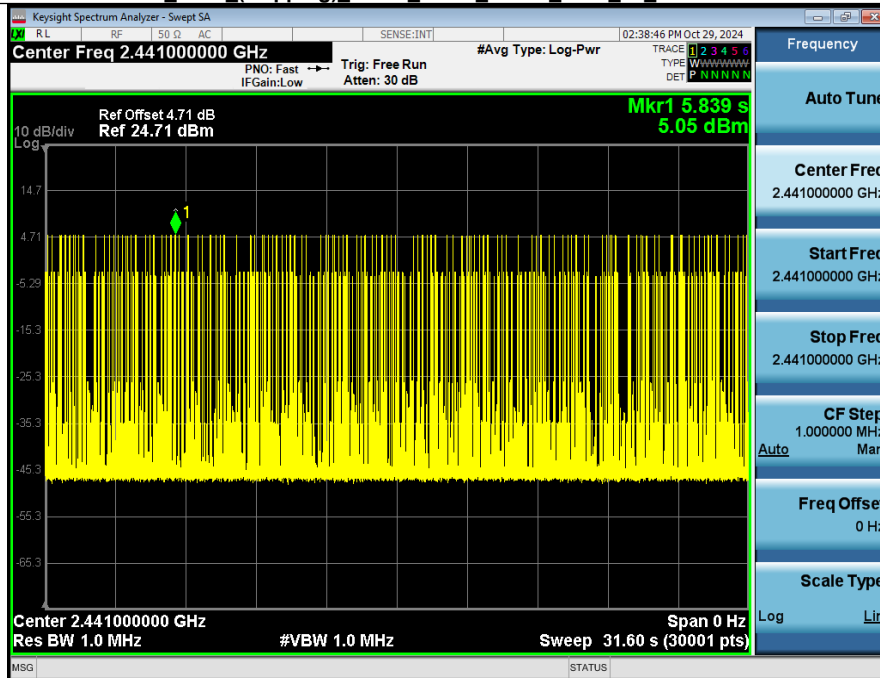
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



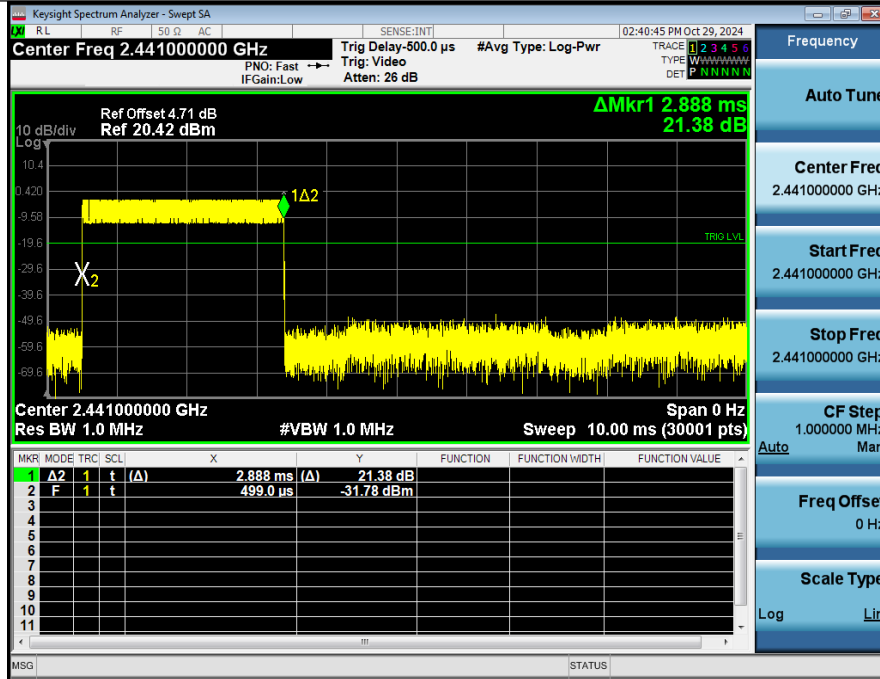
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One Burst Time



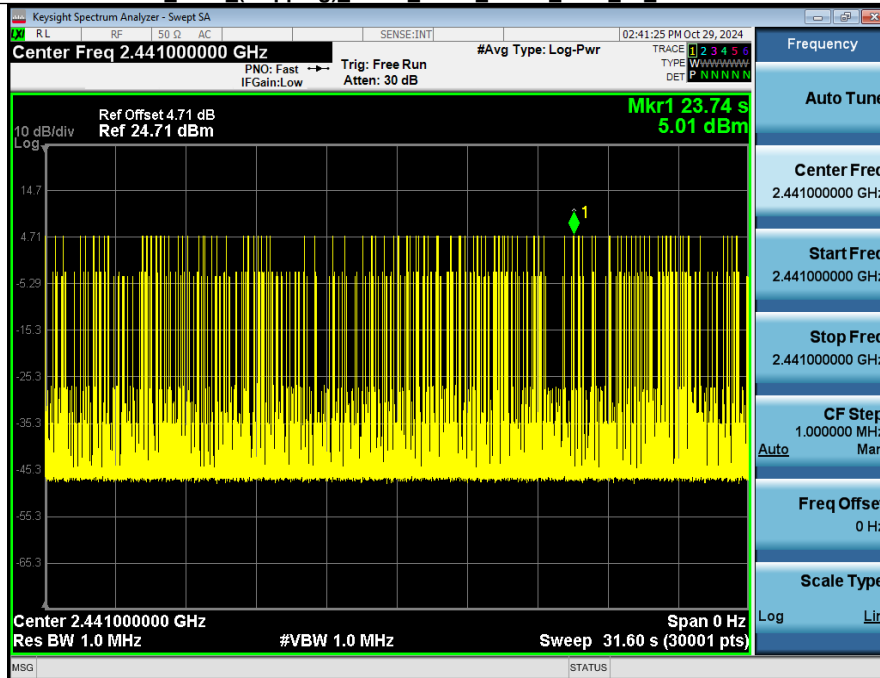
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



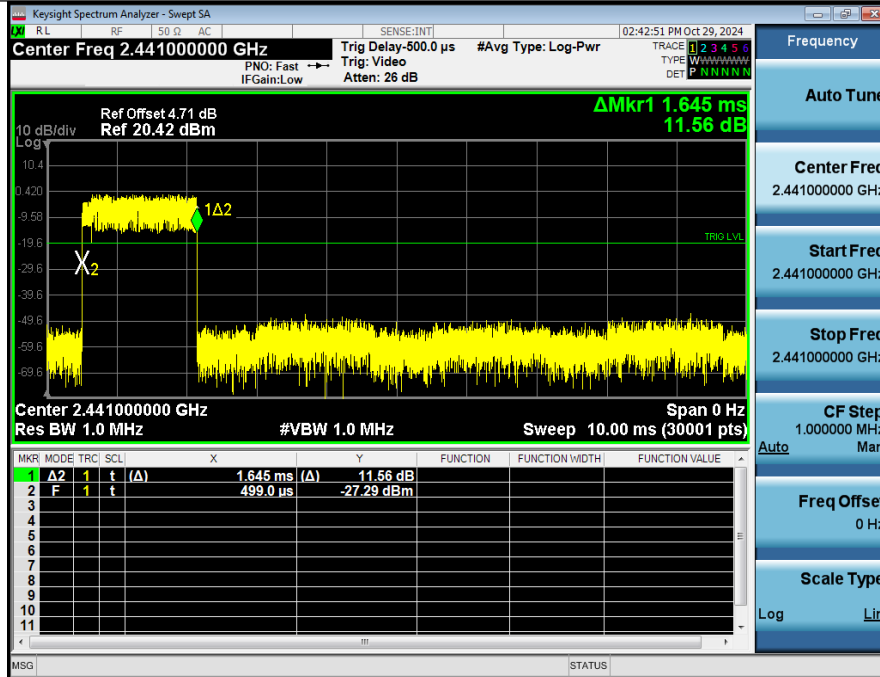
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One_Burst Time



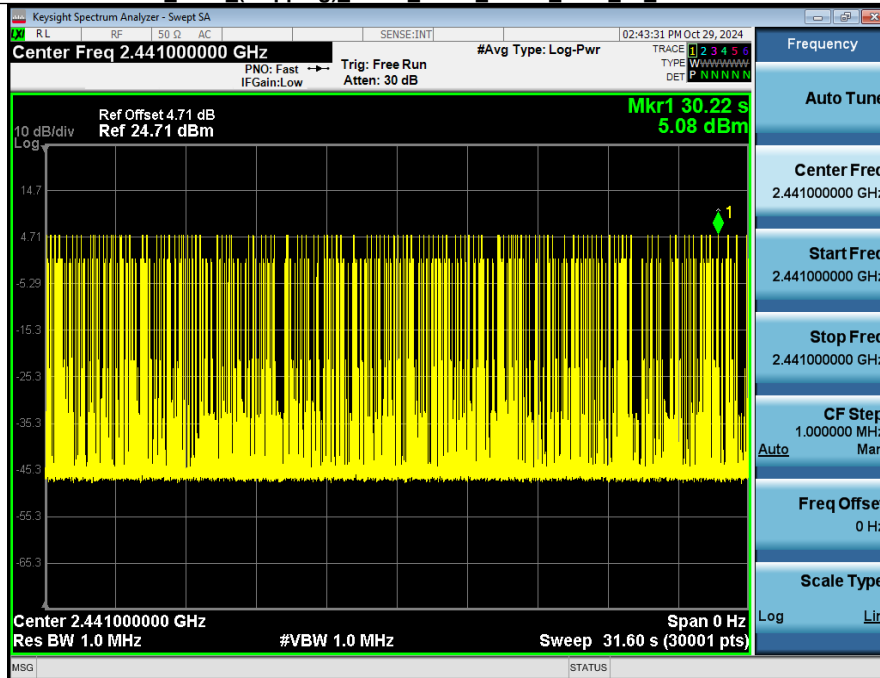
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



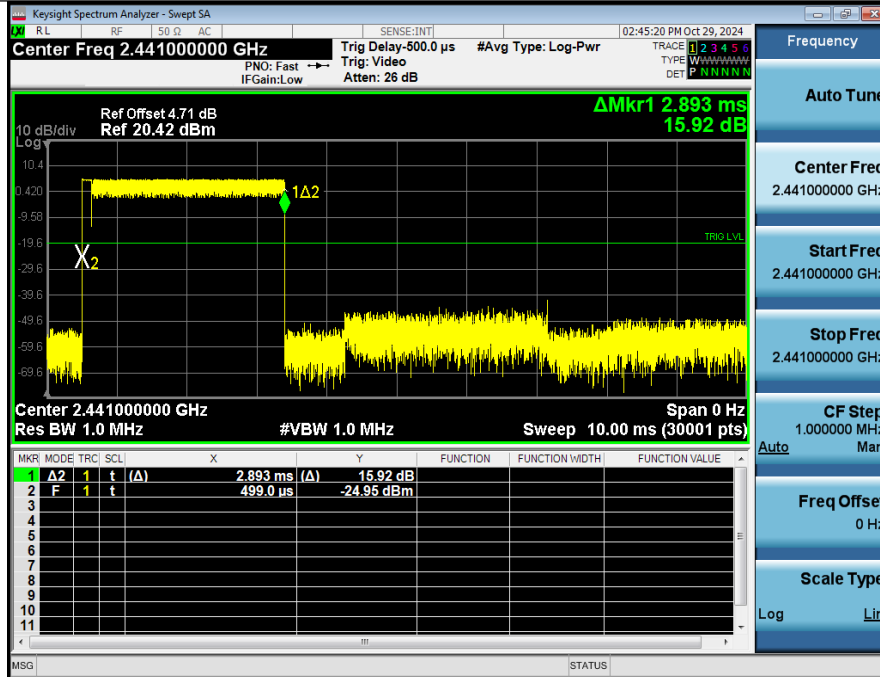
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



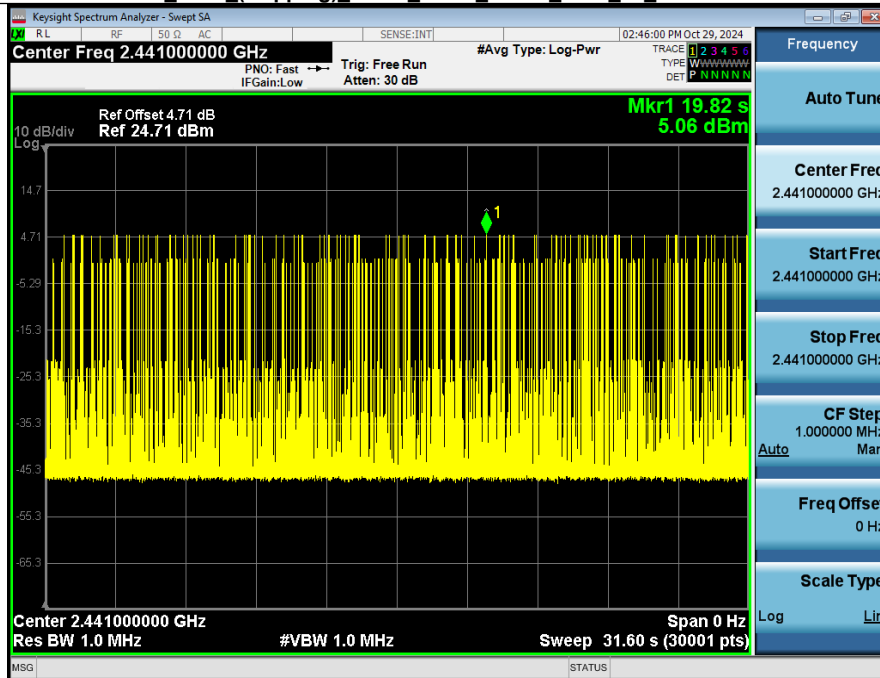
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



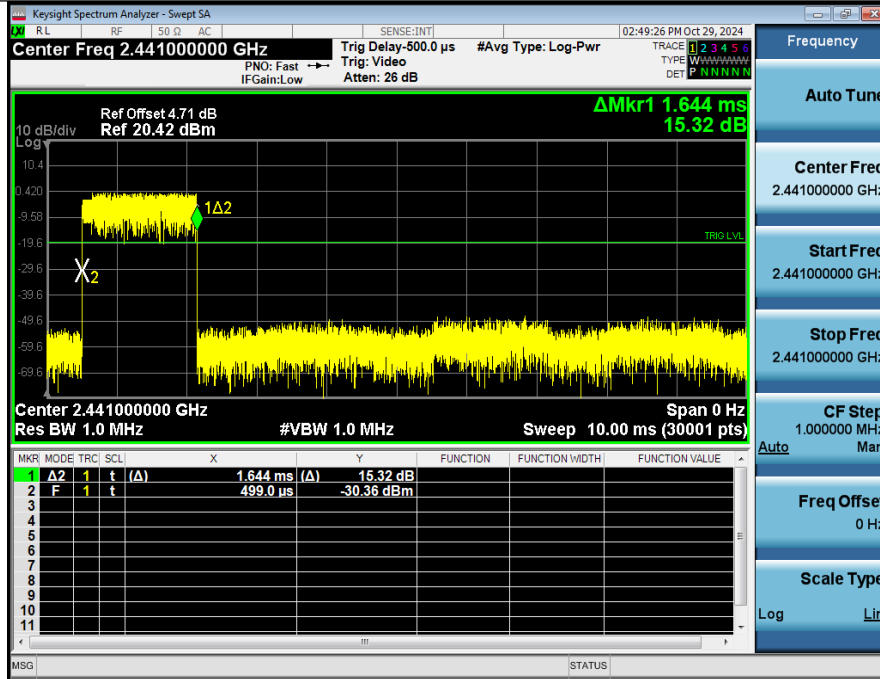
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



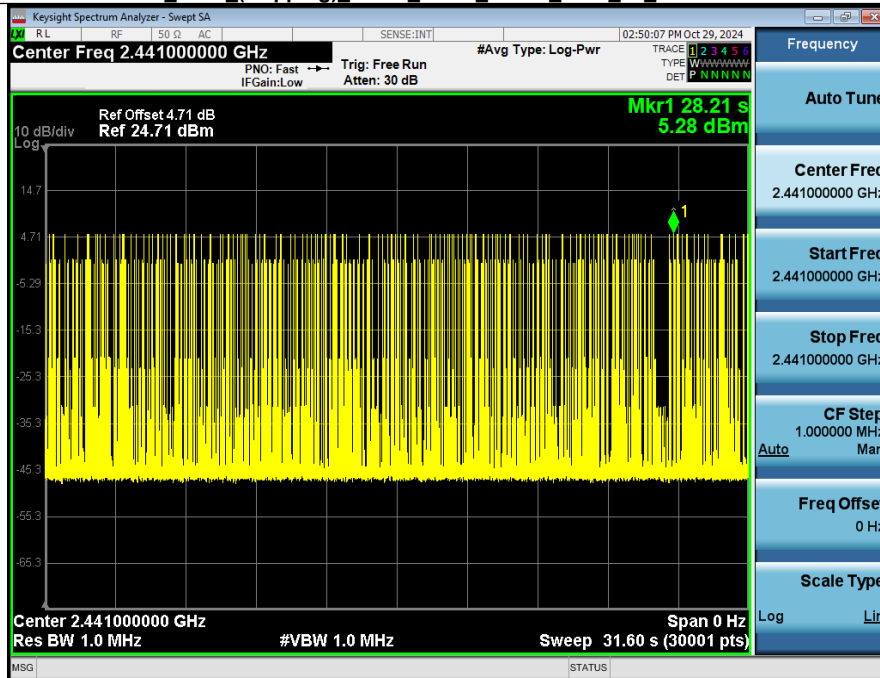
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



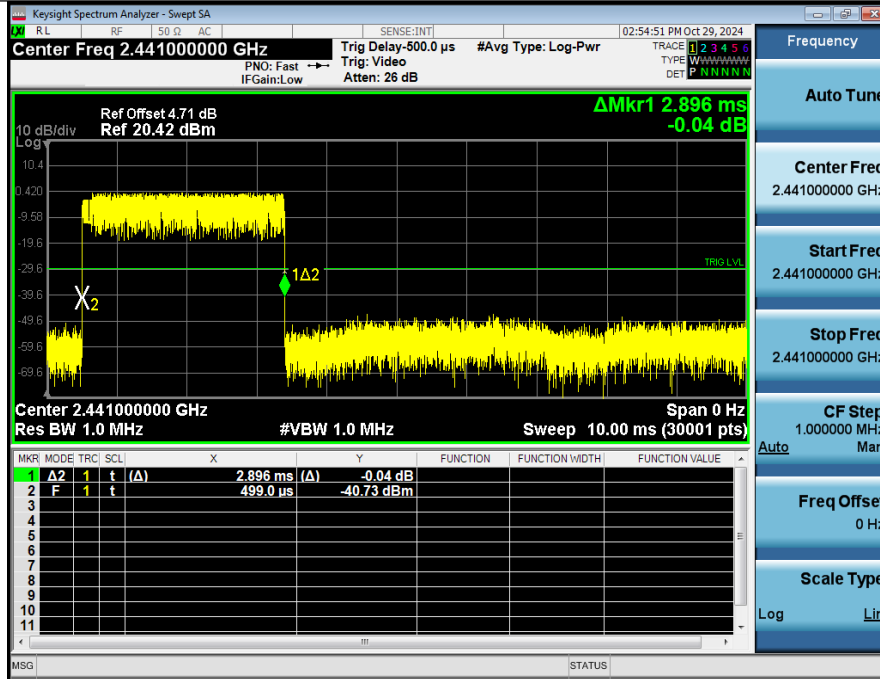
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



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

