

Table of Contents

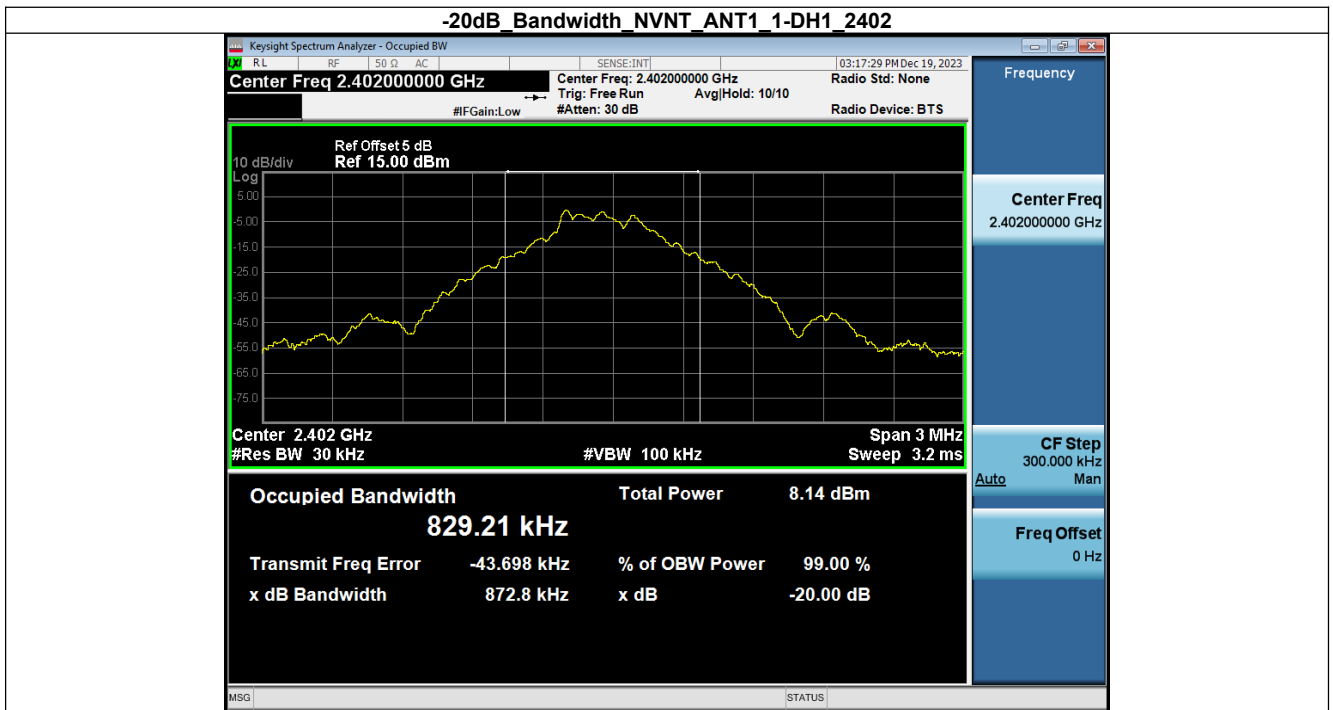
1. -20dB Bandwidth	2
2. 99% Occupied Bandwidth	7
3. Peak Output Power	12
4. Spurious Emissions	17
5. Bandedge	26
6. Carrier Frequencies Separation (Hopping)	39
7. Number of Hopping Channel (Hopping)	44
8. Dwell Time (Hopping)	46

FCC ID EDR

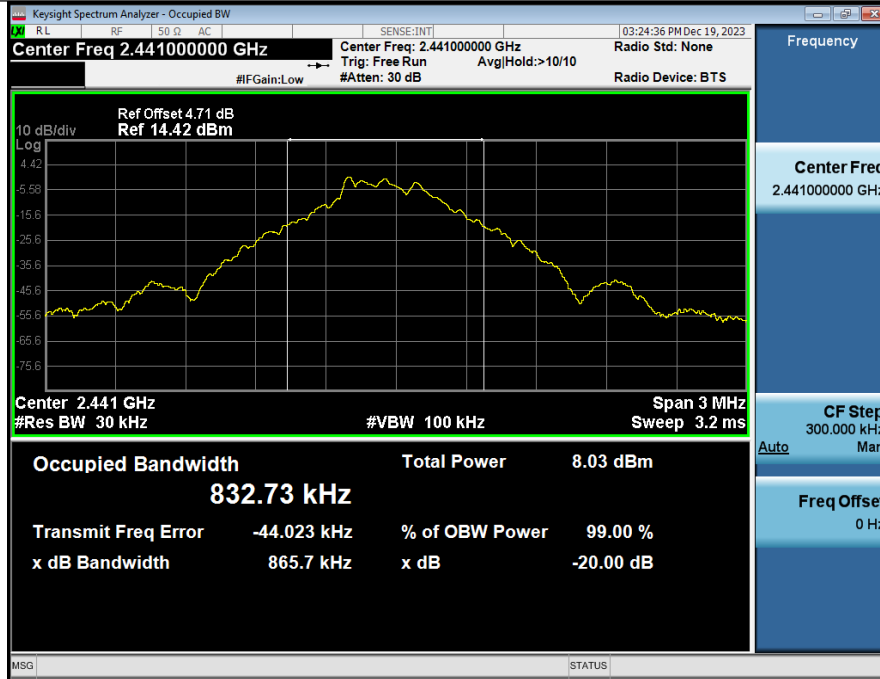
FCC_BT (Part15.247) Test Data

1. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.873	No
NVNT	ANT1	1-DH1	2441.00	0.866	No
NVNT	ANT1	1-DH1	2480.00	1.075	Yes
NVNT	ANT1	2-DH1	2402.00	1.258	Yes
NVNT	ANT1	2-DH1	2441.00	1.253	Yes
NVNT	ANT1	2-DH1	2480.00	1.247	Yes
NVNT	ANT1	3-DH1	2402.00	1.265	Yes
NVNT	ANT1	3-DH1	2441.00	1.290	Yes
NVNT	ANT1	3-DH1	2480.00	1.291	Yes



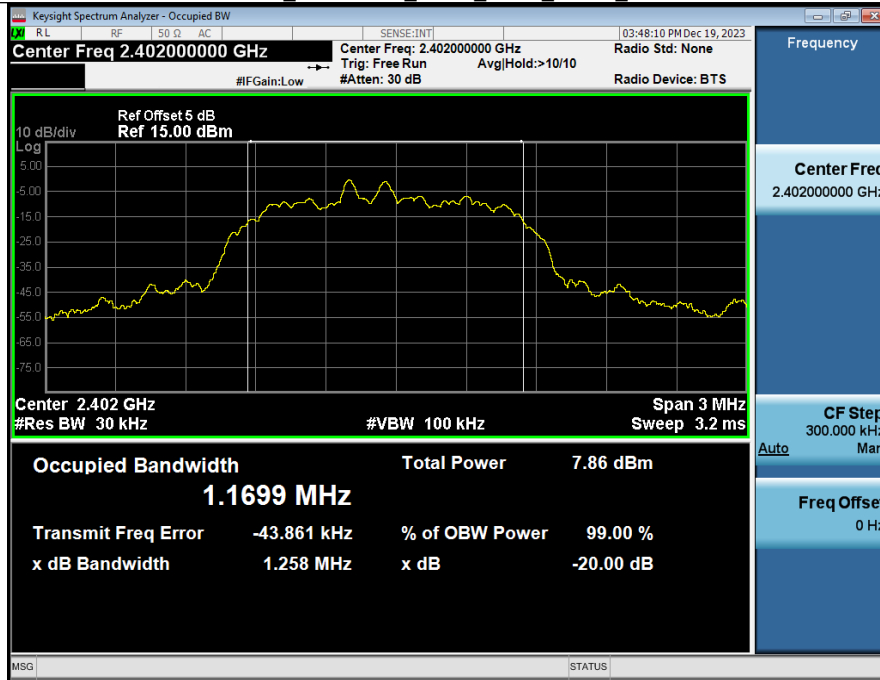
-20dB Bandwidth_NVNT_ANT1_1-DH1_2441



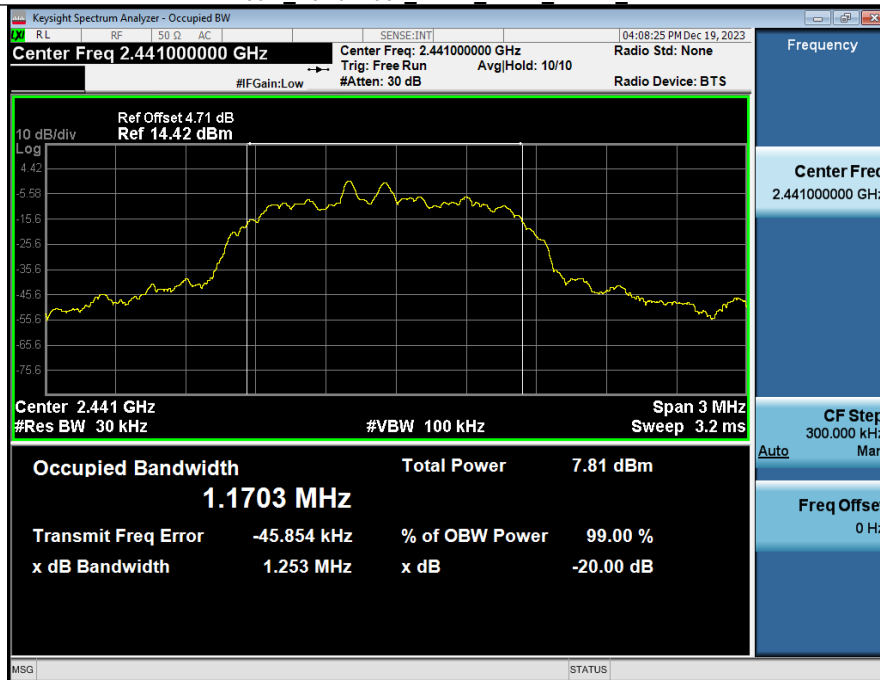
-20dB Bandwidth_NVNT_ANT1_1-DH1_2480



-20dB Bandwidth_NVNT_ANT1 2-DH1_2402



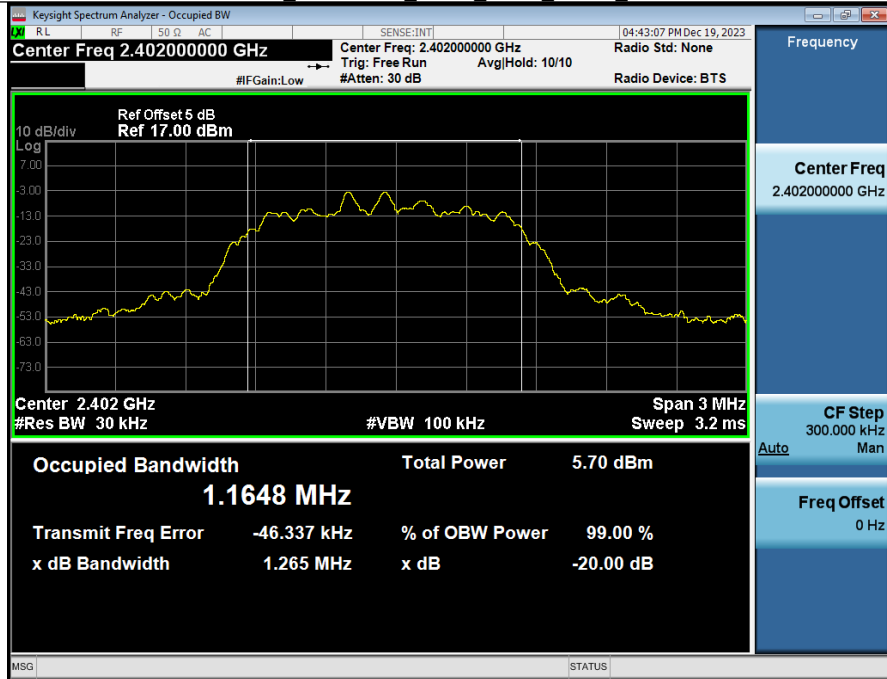
-20dB Bandwidth_NVNT_ANT1 2-DH1_2441



-20dB Bandwidth_NVNT_ANT1 2-DH1_2480



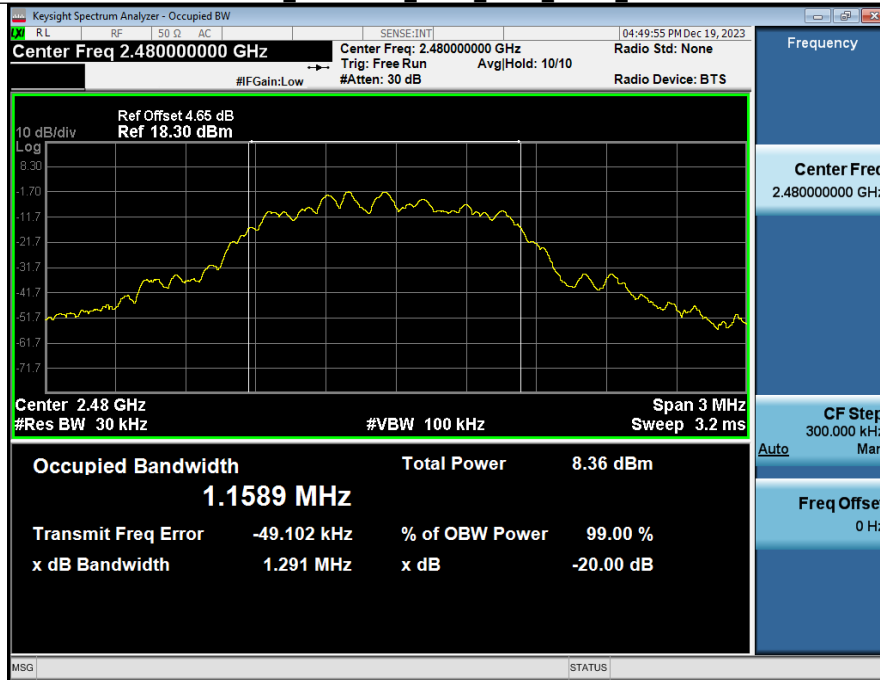
-20dB Bandwidth_NVNT_ANT1 3-DH1_2402



-20dB Bandwidth_NVNT_ANT1_3-DH1_2441

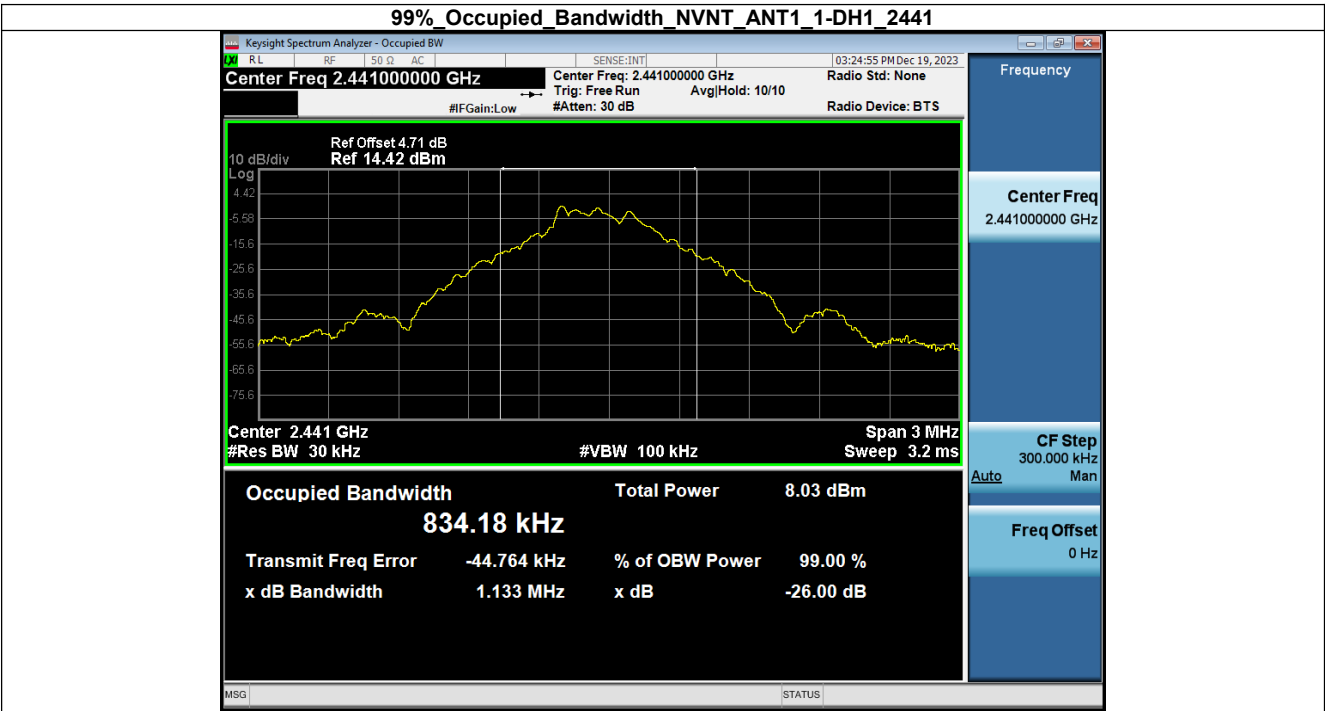
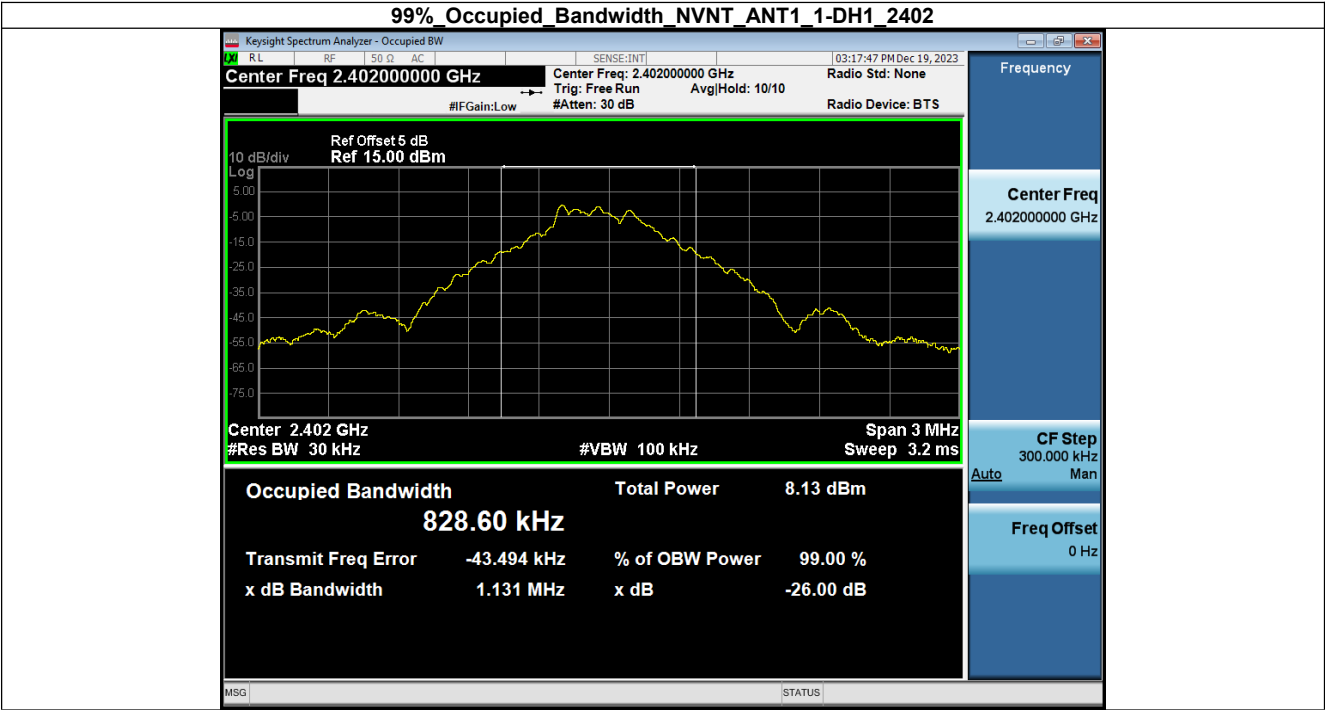


-20dB Bandwidth_NVNT_ANT1_3-DH1_2480



2. 99% Occupied Bandwidth

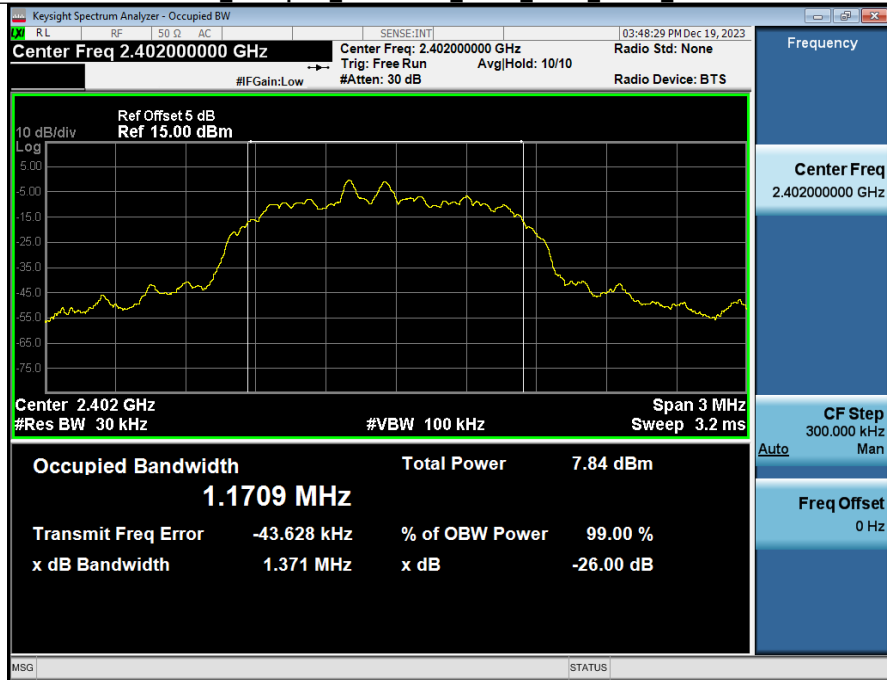
Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.829
NVNT	ANT1	1-DH1	2441.00	0.834
NVNT	ANT1	1-DH1	2480.00	0.978
NVNT	ANT1	2-DH1	2402.00	1.171
NVNT	ANT1	2-DH1	2441.00	1.170
NVNT	ANT1	2-DH1	2480.00	1.162
NVNT	ANT1	3-DH1	2402.00	1.165
NVNT	ANT1	3-DH1	2441.00	1.165
NVNT	ANT1	3-DH1	2480.00	1.158



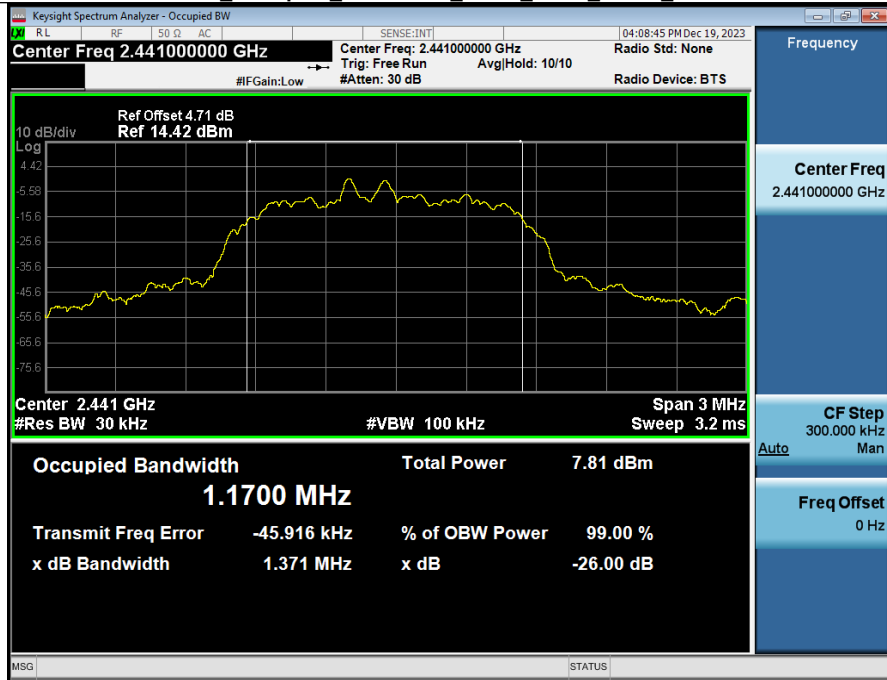
99% Occupied Bandwidth_NVNT_ANT1_1-DH1_2480



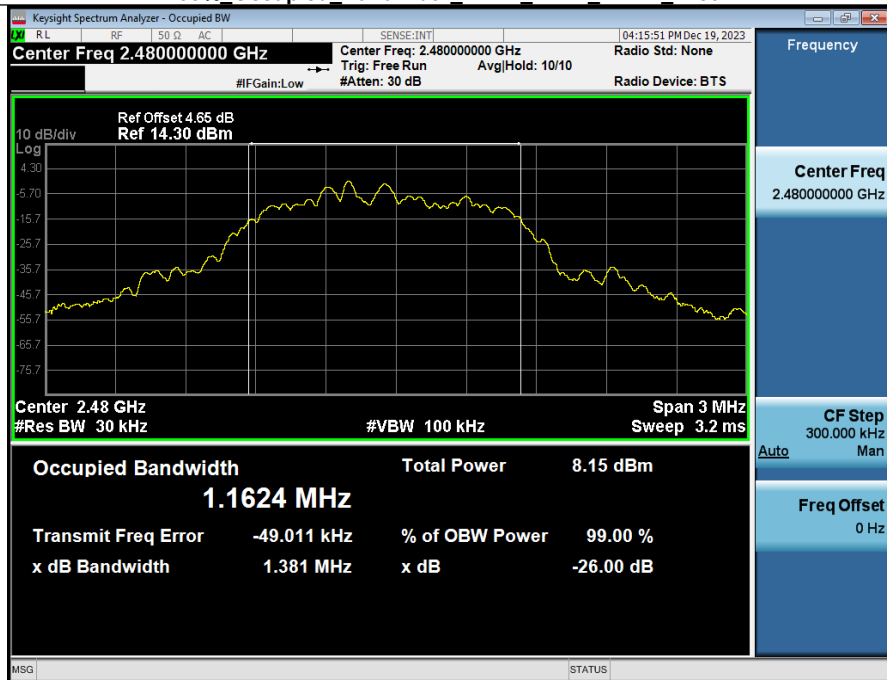
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2402



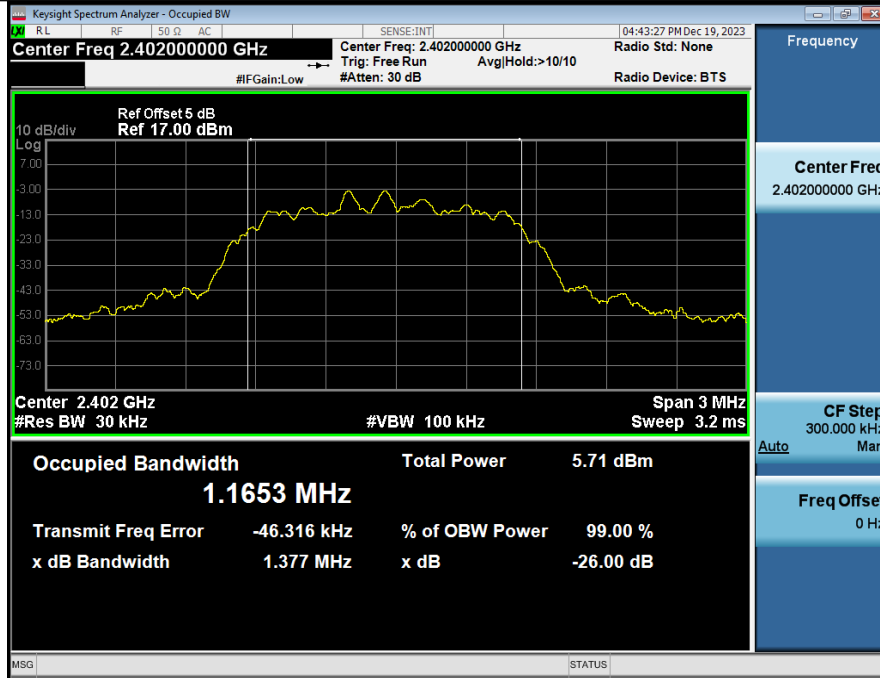
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2441



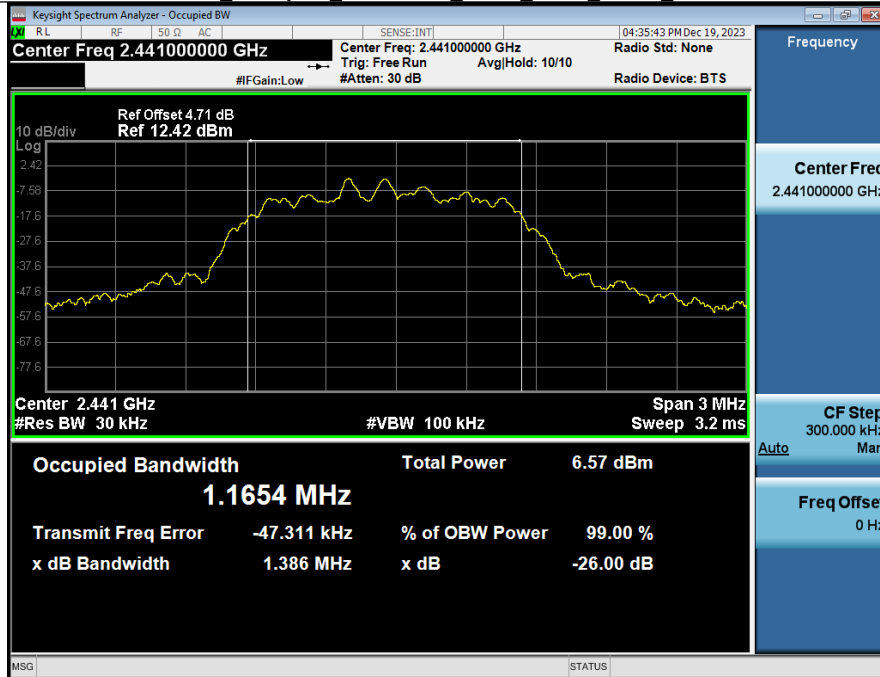
99% Occupied Bandwidth_NVNT_ANT1_2-DH1_2480



99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2402



99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2441

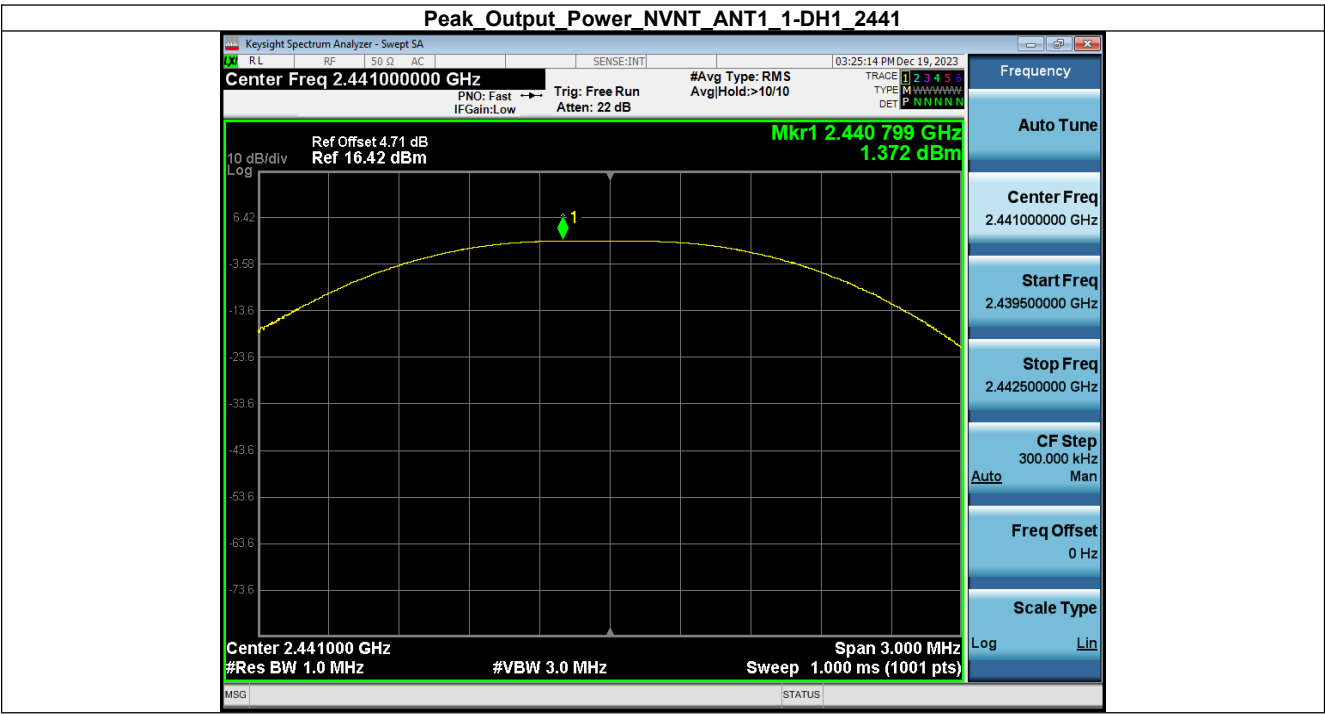
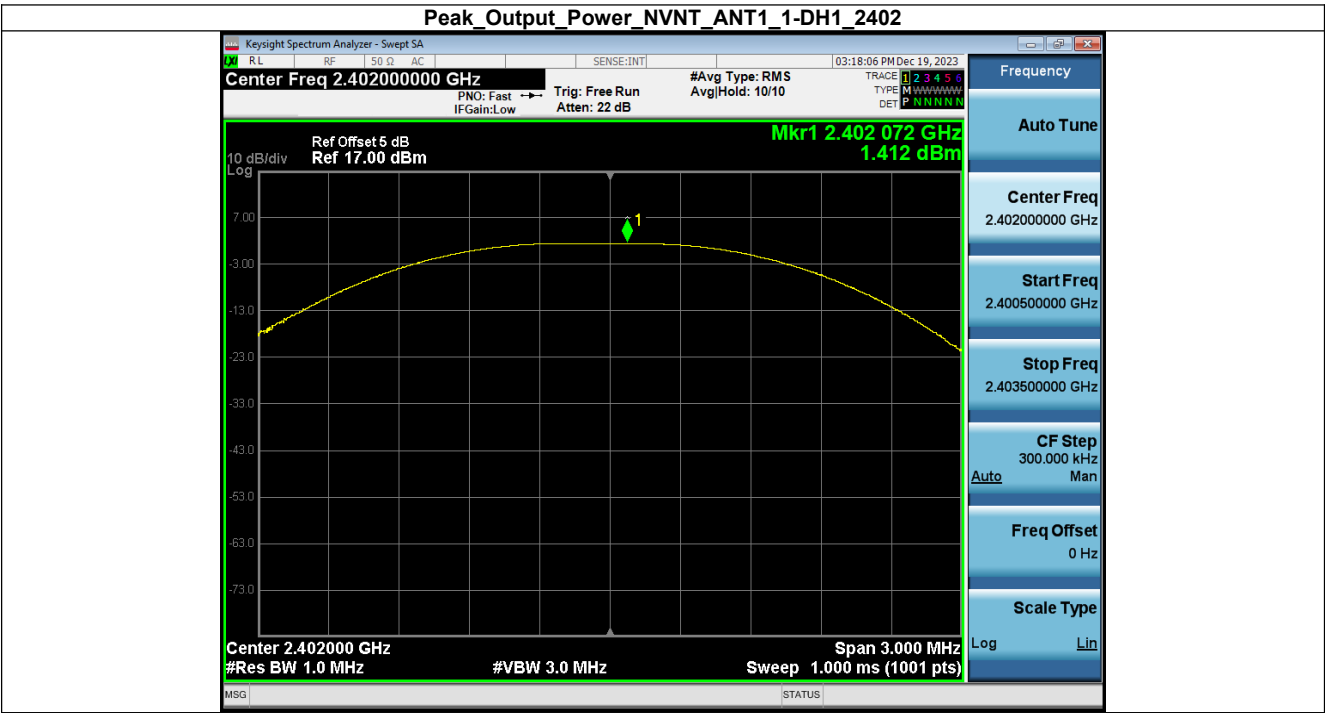


99% Occupied Bandwidth_NVNT_ANT1_3-DH1_2480

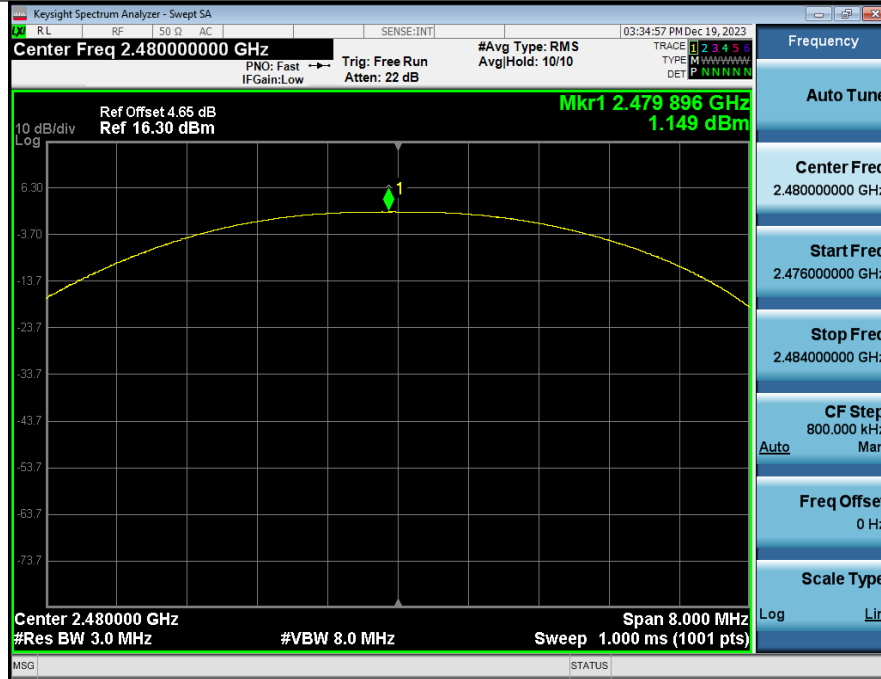


3. Peak Output Power

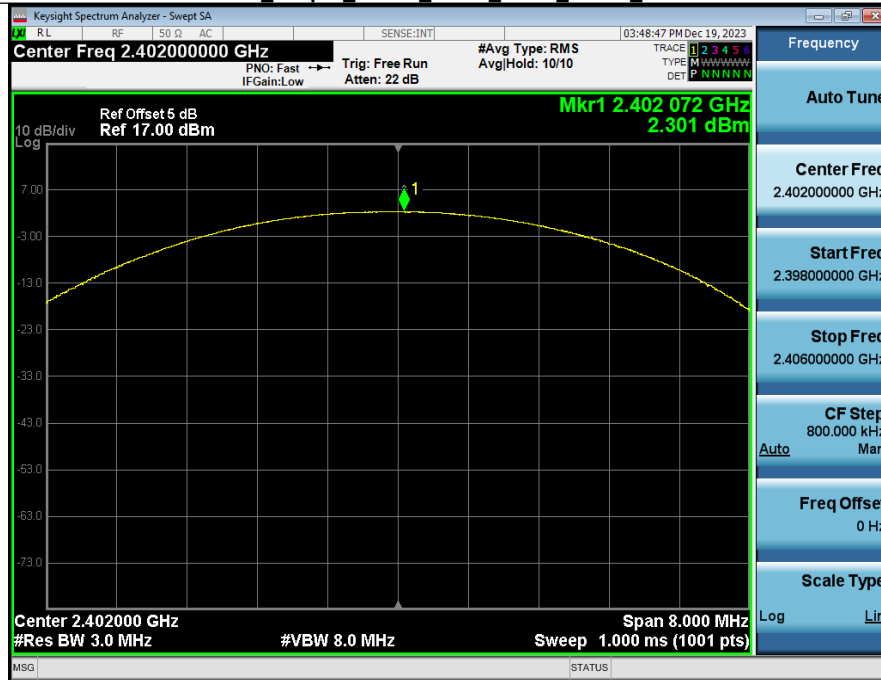
Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	1.41	1.38	1000	Pass
NVNT	ANT1	1-DH1	2441.00	1.37	1.37	1000	Pass
NVNT	ANT1	1-DH1	2480.00	1.15	1.30	125	Pass
NVNT	ANT1	2-DH1	2402.00	2.30	1.70	125	Pass
NVNT	ANT1	2-DH1	2441.00	2.40	1.74	125	Pass
NVNT	ANT1	2-DH1	2480.00	1.89	1.55	125	Pass
NVNT	ANT1	3-DH1	2402.00	-0.07	0.98	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.72	1.18	125	Pass
NVNT	ANT1	3-DH1	2480.00	1.83	1.52	125	Pass



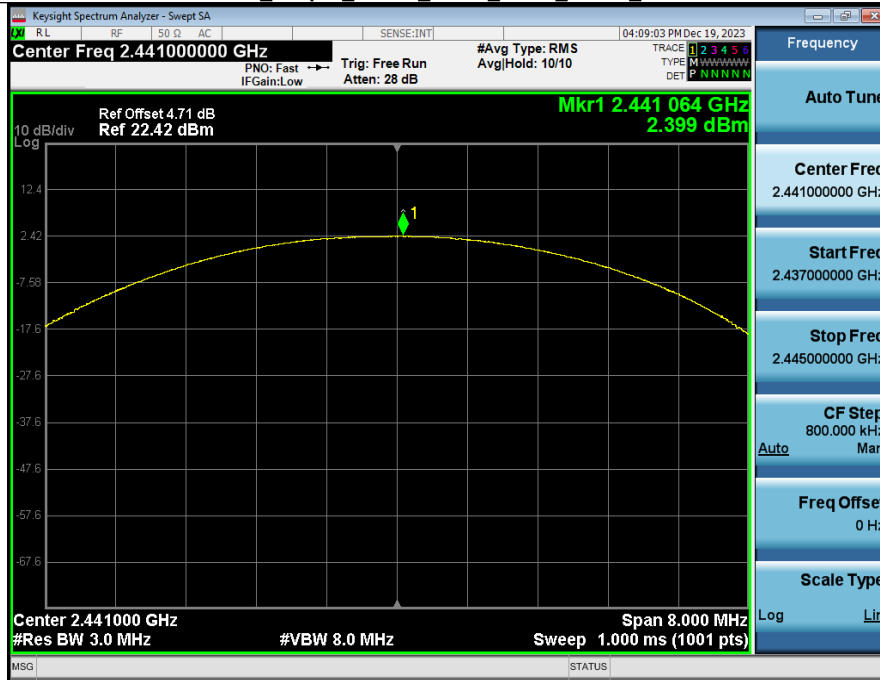
Peak_Output_Power_NVNT_ANT1_1-DH1_2480



Peak_Output_Power_NVNT_ANT1_2-DH1_2402



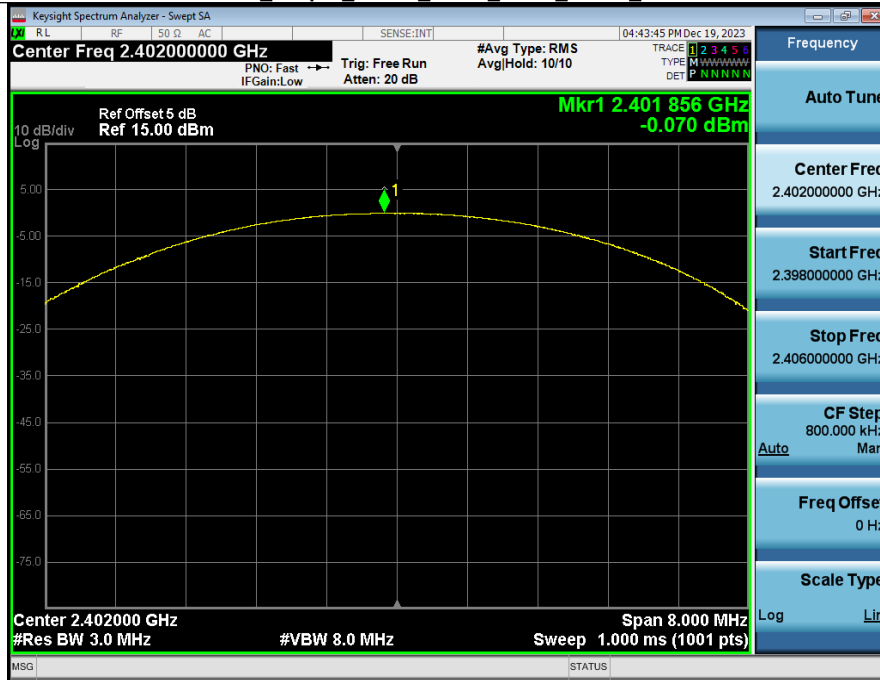
Peak Output Power_NVNT_ANT1_2-DH1_2441



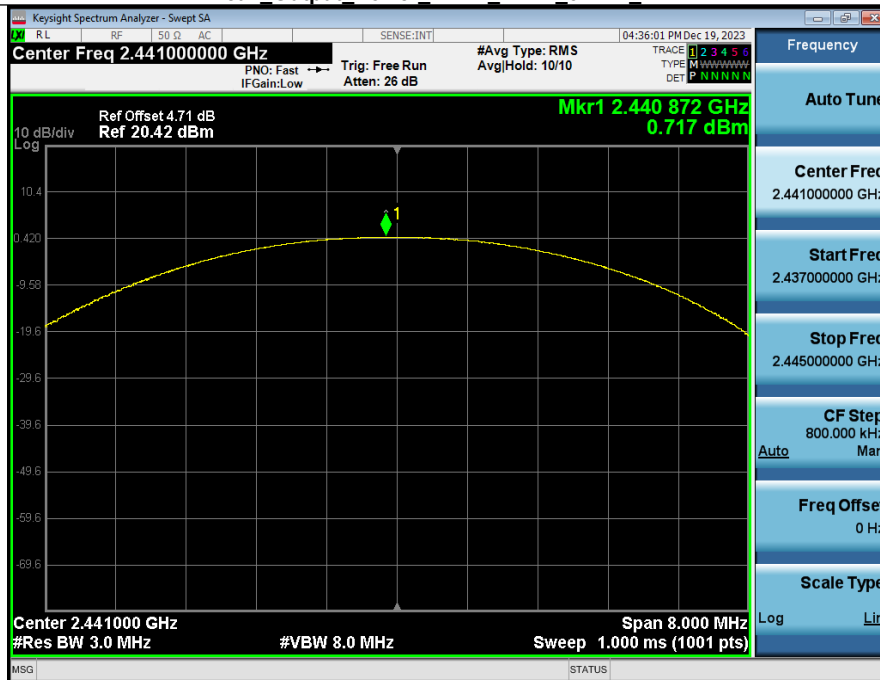
Peak Output Power_NVNT_ANT1_2-DH1_2480



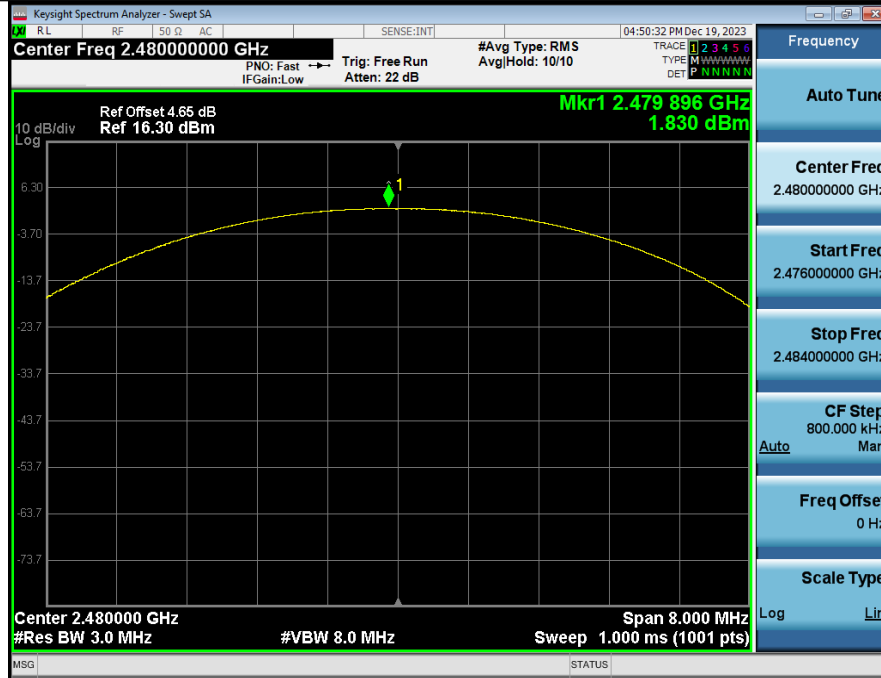
Peak Output Power_NVNT_ANT1_3-DH1_2402



Peak Output Power_NVNT_ANT1_3-DH1_2441

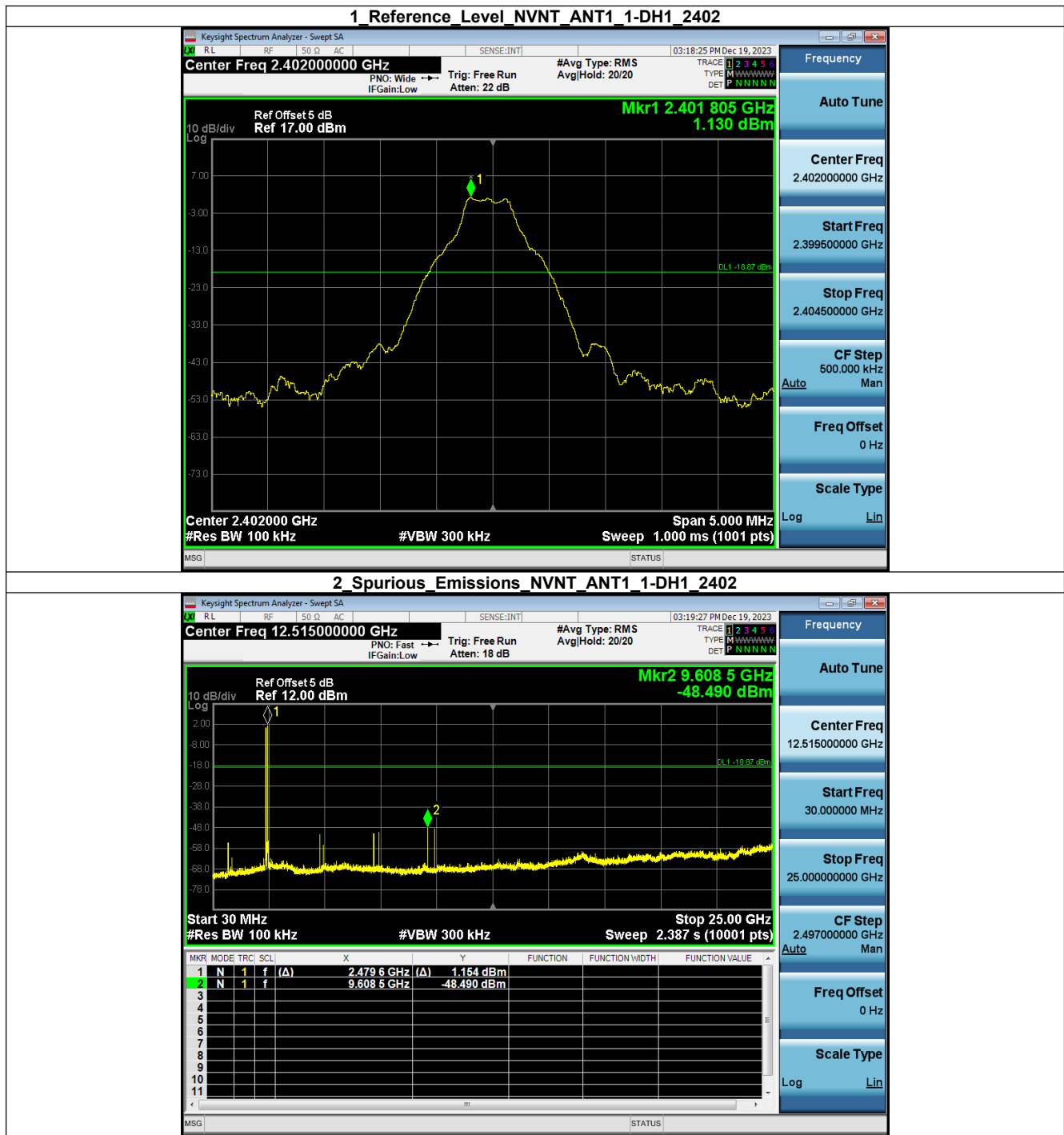


Peak Output Power_NVNT_ANT1_3-DH1_2480



4. Spurious Emissions

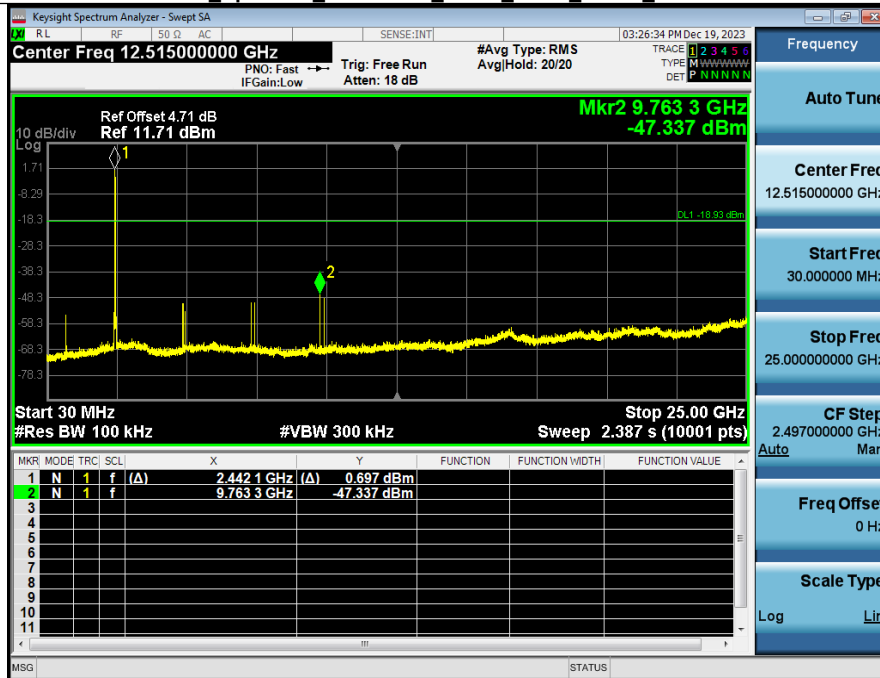
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-48.490	-18.870	Pass
NVNT	ANT1	1-DH1	2441.00	-47.337	-18.927	Pass
NVNT	ANT1	1-DH1	2480.00	-48.339	-19.214	Pass
NVNT	ANT1	2-DH1	2402.00	-48.185	-18.883	Pass
NVNT	ANT1	2-DH1	2441.00	-47.161	-18.935	Pass
NVNT	ANT1	2-DH1	2480.00	-46.593	-19.331	Pass
NVNT	ANT1	3-DH1	2402.00	-45.602	-20.969	Pass
NVNT	ANT1	3-DH1	2441.00	-45.854	-20.469	Pass
NVNT	ANT1	3-DH1	2480.00	-46.726	-19.345	Pass



1_Reference_Level_NVNT_ANT1_1-DH1_2441



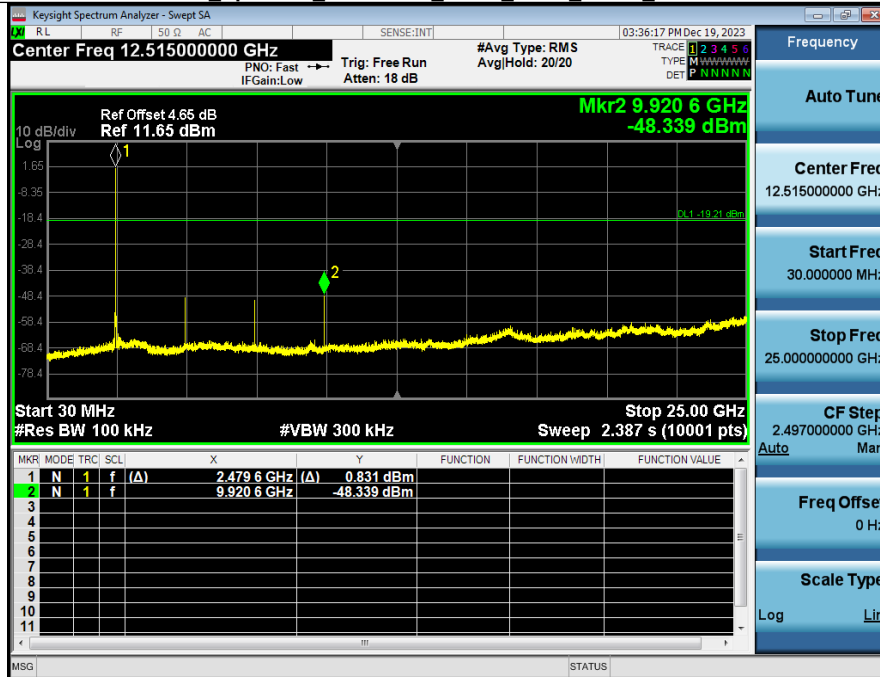
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



1 Reference Level NVNT_ANT1_1-DH1_2480



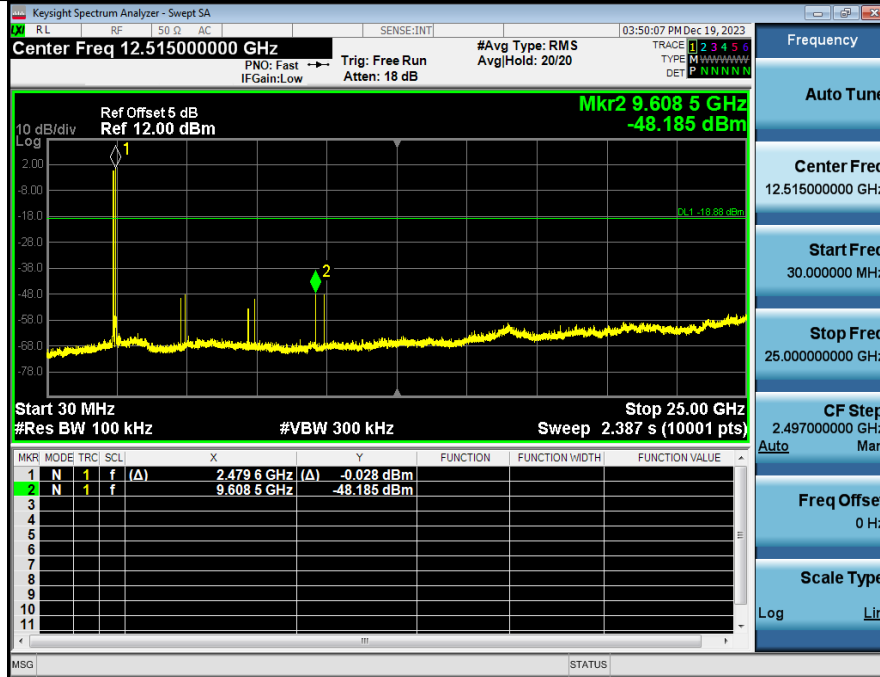
2 Spurious Emissions NVNT_ANT1_1-DH1_2480



1 Reference Level NVNT_ANT1_2-DH1_2402



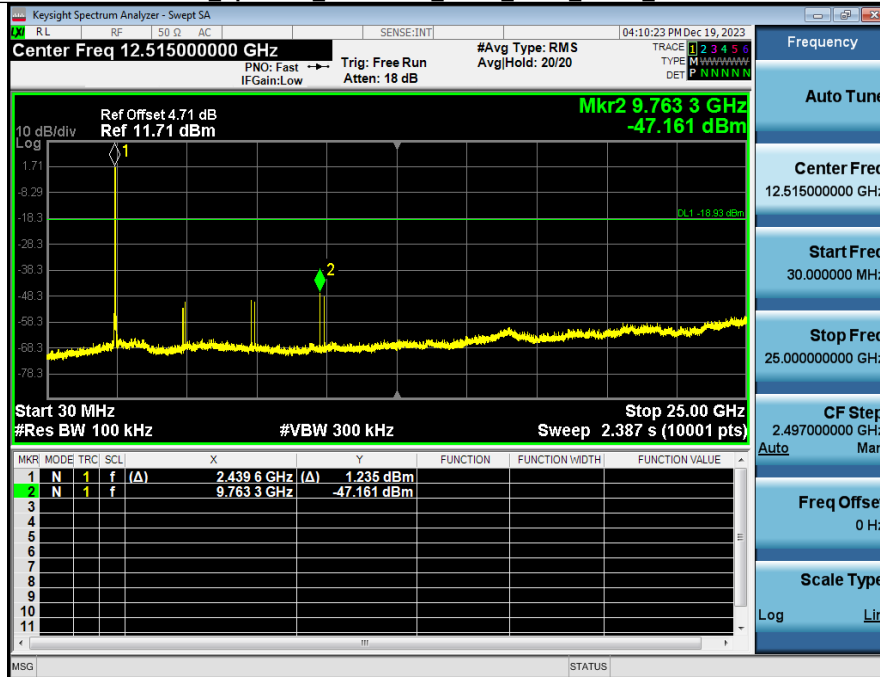
2 Spurious Emissions NVNT_ANT1_2-DH1_2402



1 Reference Level NVNT_ANT1_2-DH1_2441



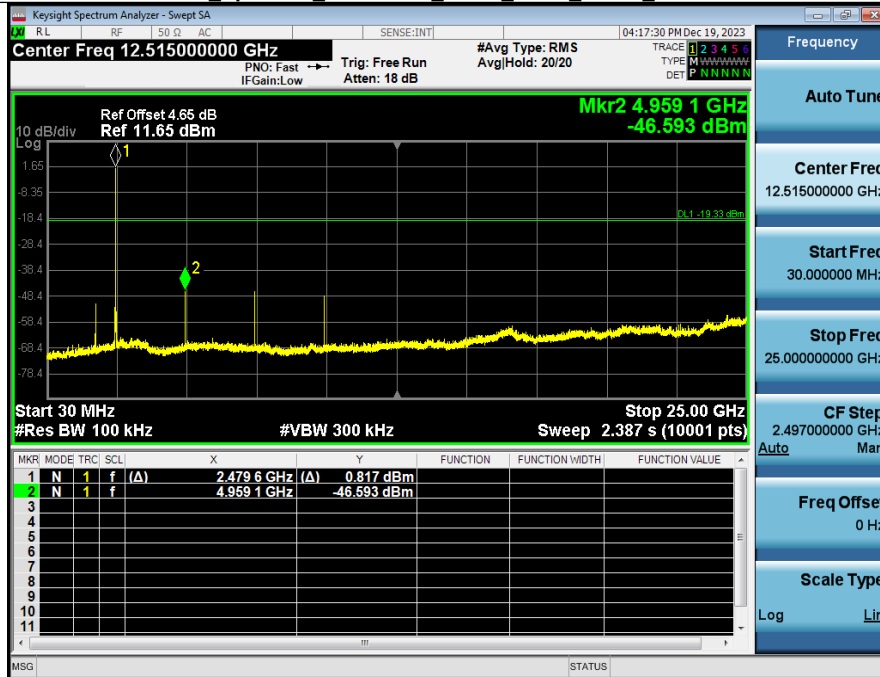
2 Spurious Emissions NVNT_ANT1_2-DH1_2441



1 Reference Level NVNT_ANT1_2-DH1_2480



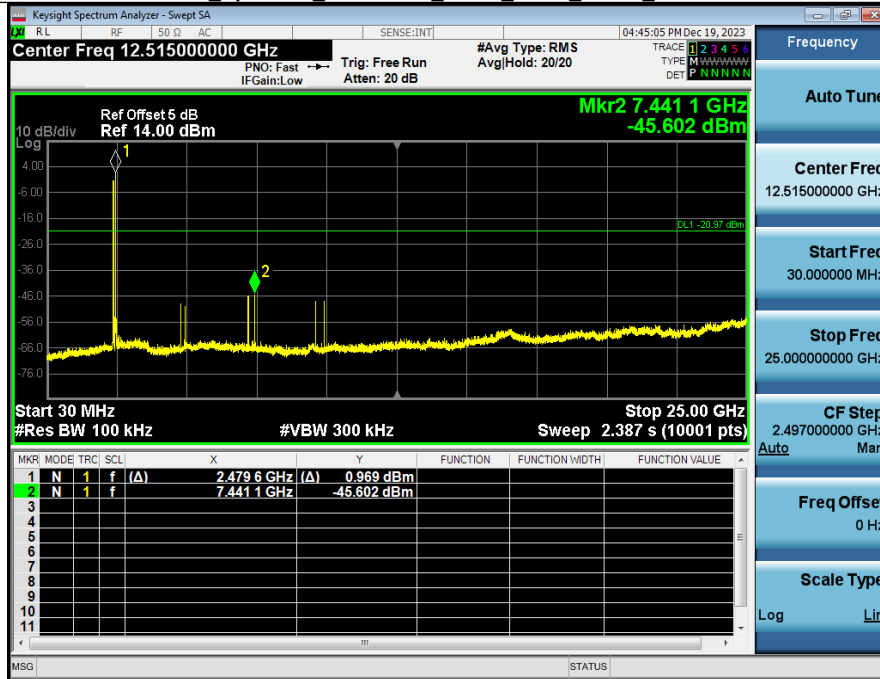
2 Spurious Emissions NVNT_ANT1_2-DH1_2480



1 Reference Level NVNT_ANT1_3-DH1_2402



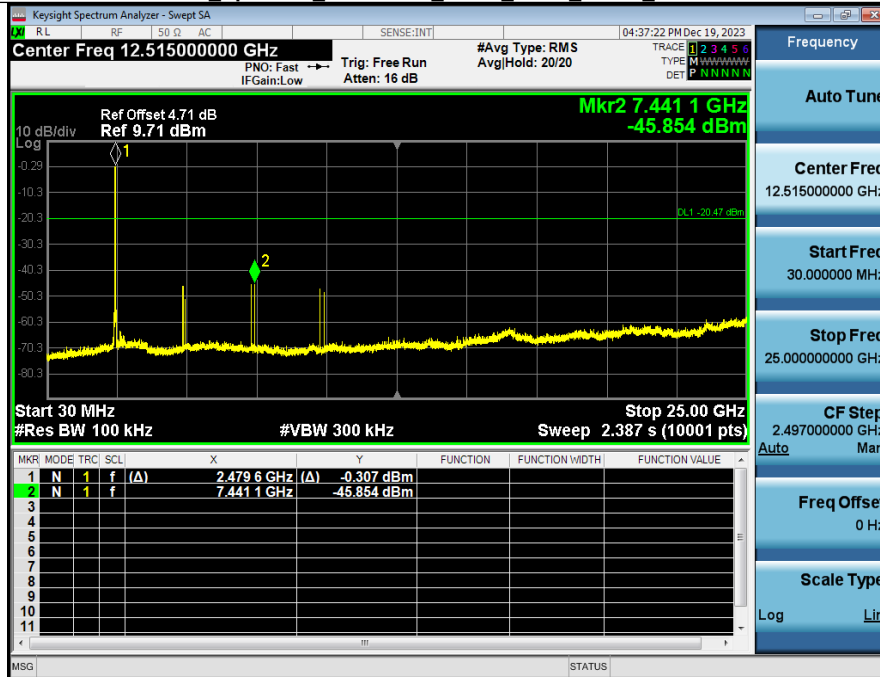
2 Spurious Emissions NVNT_ANT1_3-DH1_2402



1_Reference_Level_NVNT_ANT1_3-DH1_2441



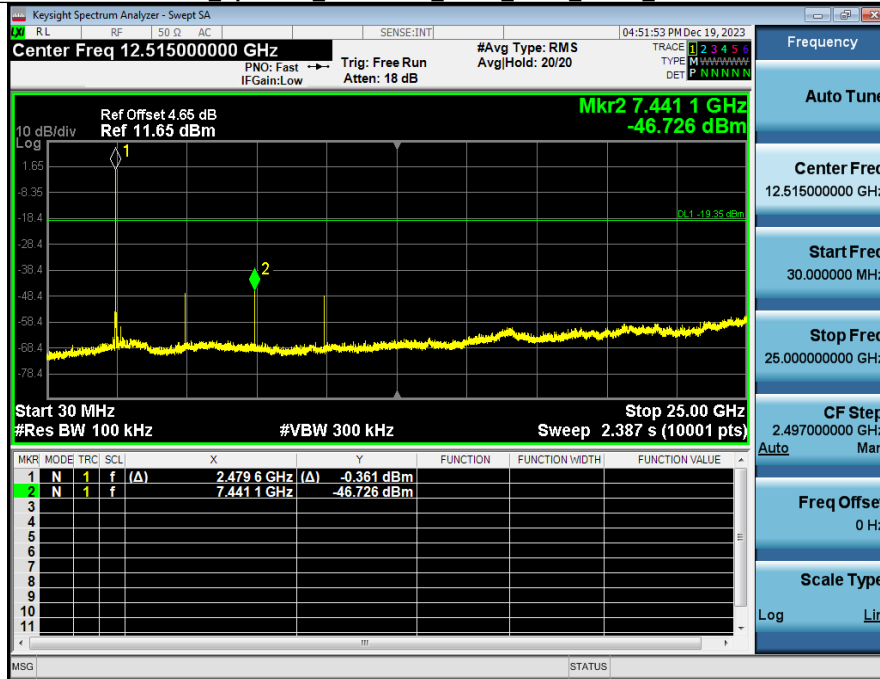
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441



1 Reference Level NVNT_ANT1_3-DH1_2480

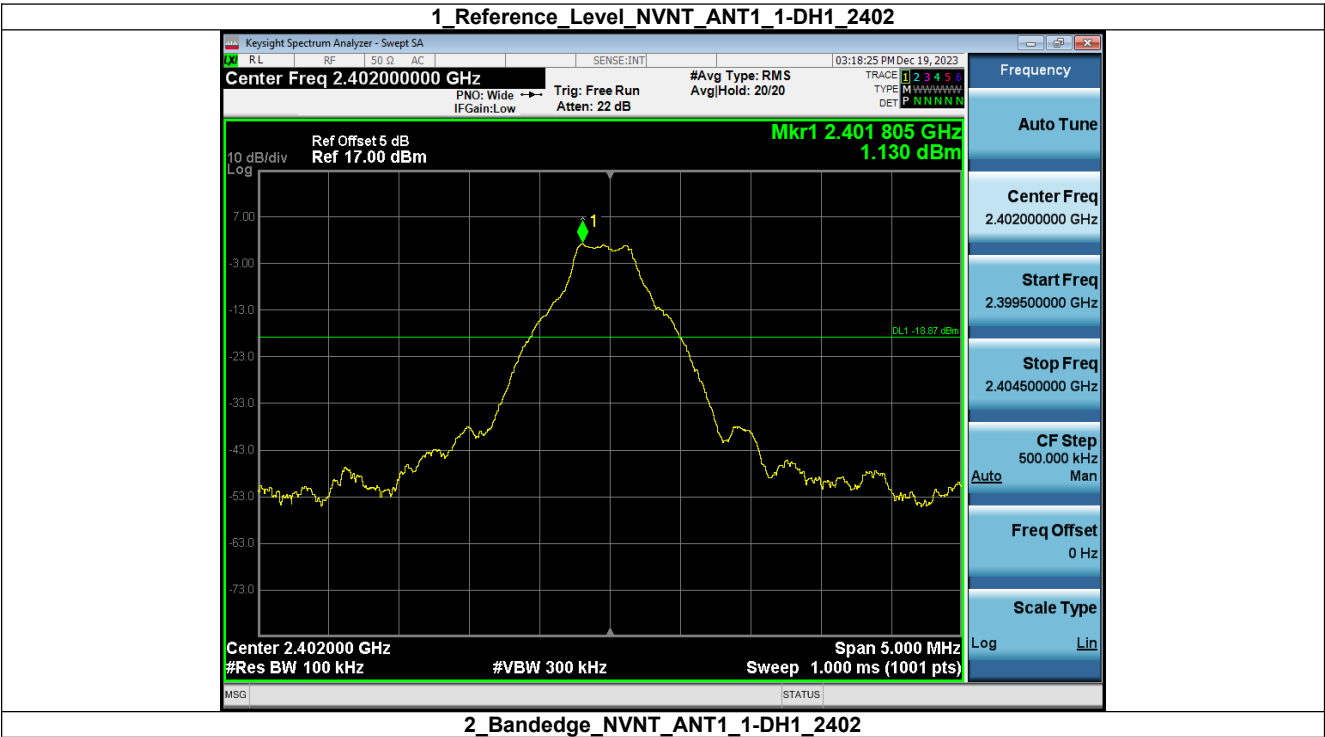


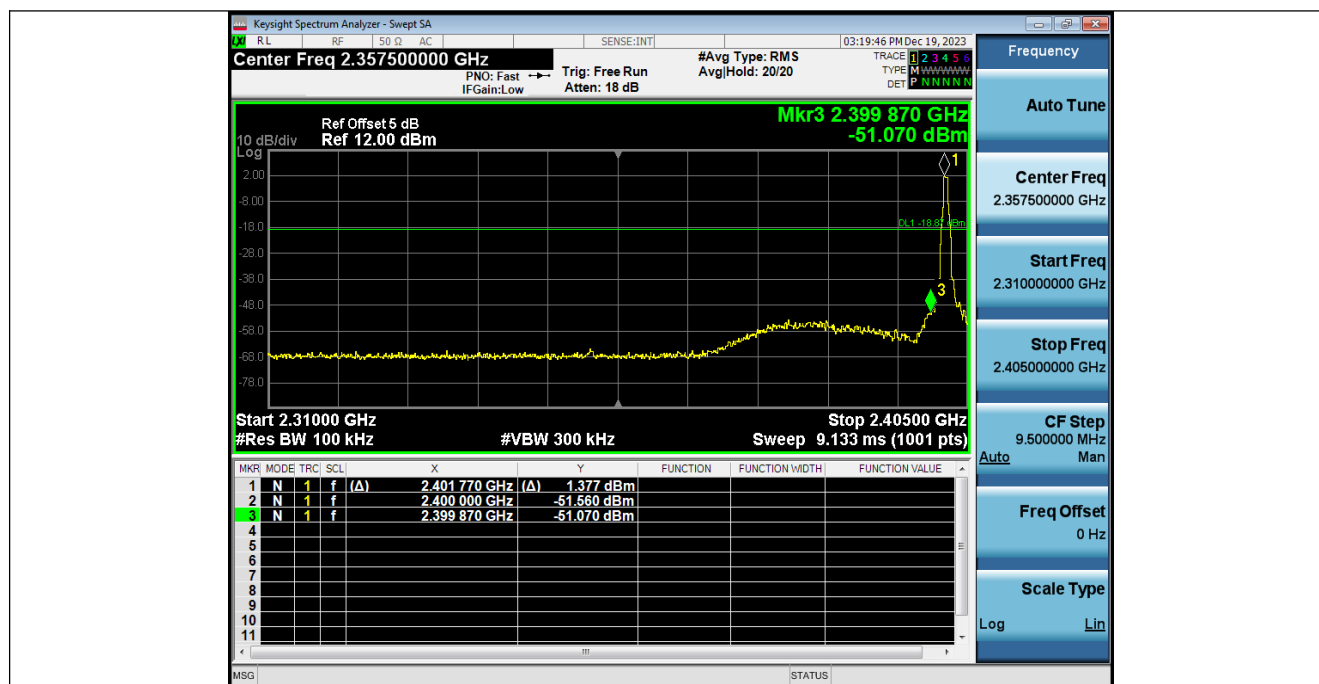
2 Spurious Emissions NVNT_ANT1_3-DH1_2480



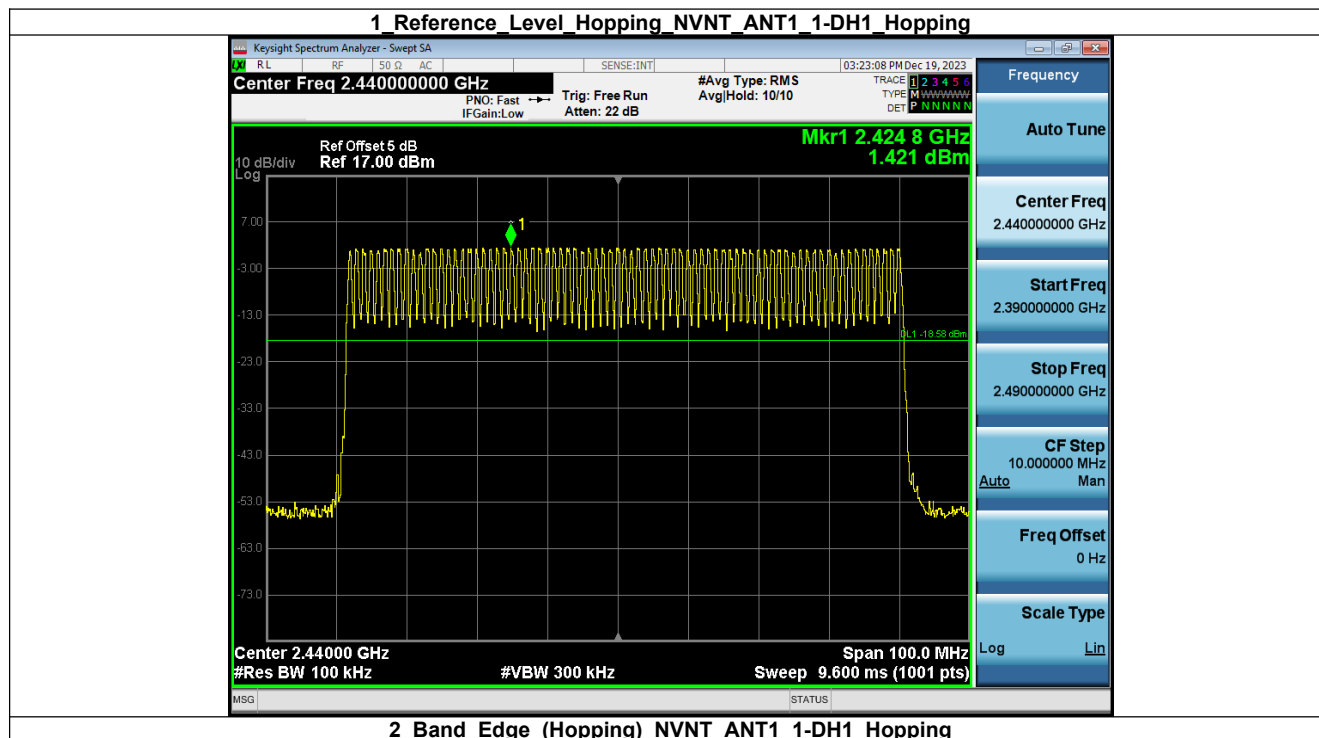
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-51.070	-18.870	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-51.653	-18.579	Pass
NVNT	ANT1	1-DH1	2480.00	-52.874	-19.214	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-53.154	-18.887	Pass
NVNT	ANT1	2-DH1	2402.00	-49.358	-18.883	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-51.071	-18.570	Pass
NVNT	ANT1	2-DH1	2480.00	-53.769	-19.331	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-53.447	-19.236	Pass
NVNT	ANT1	3-DH1	2402.00	-51.123	-20.969	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-52.763	-18.915	Pass
NVNT	ANT1	3-DH1	2480.00	-53.314	-19.345	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-53.149	-19.266	Pass

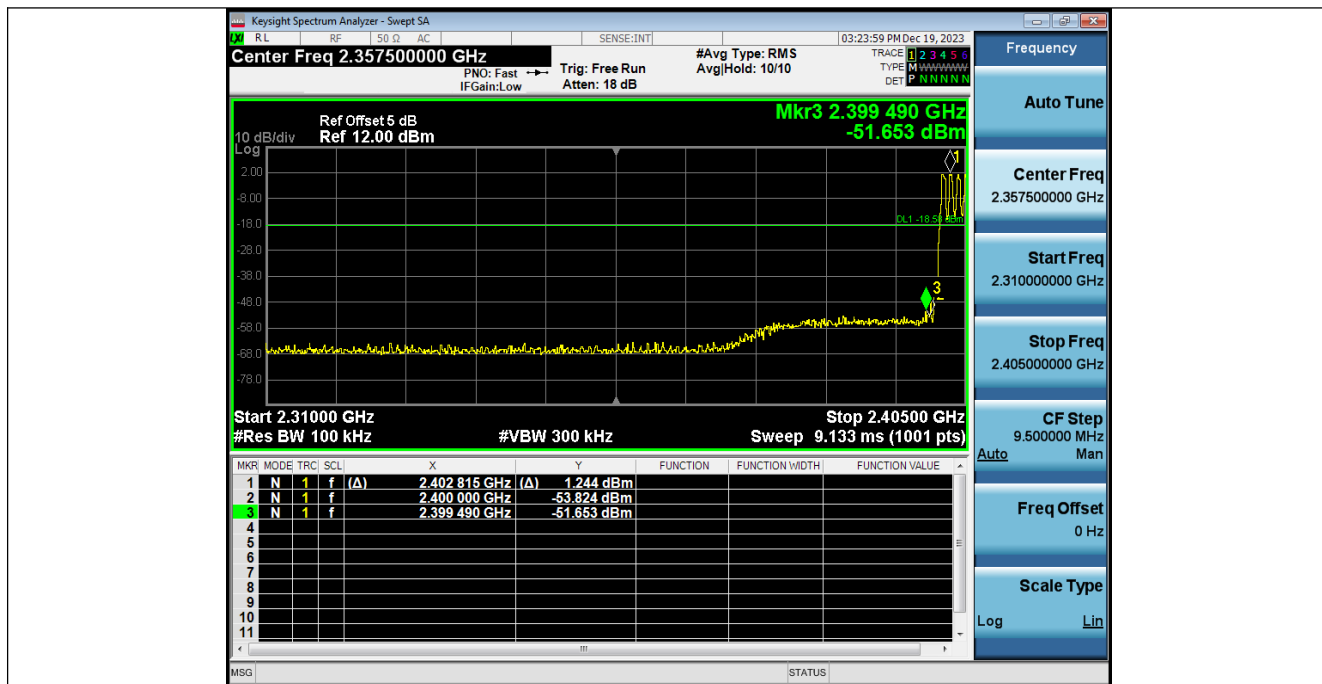




1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



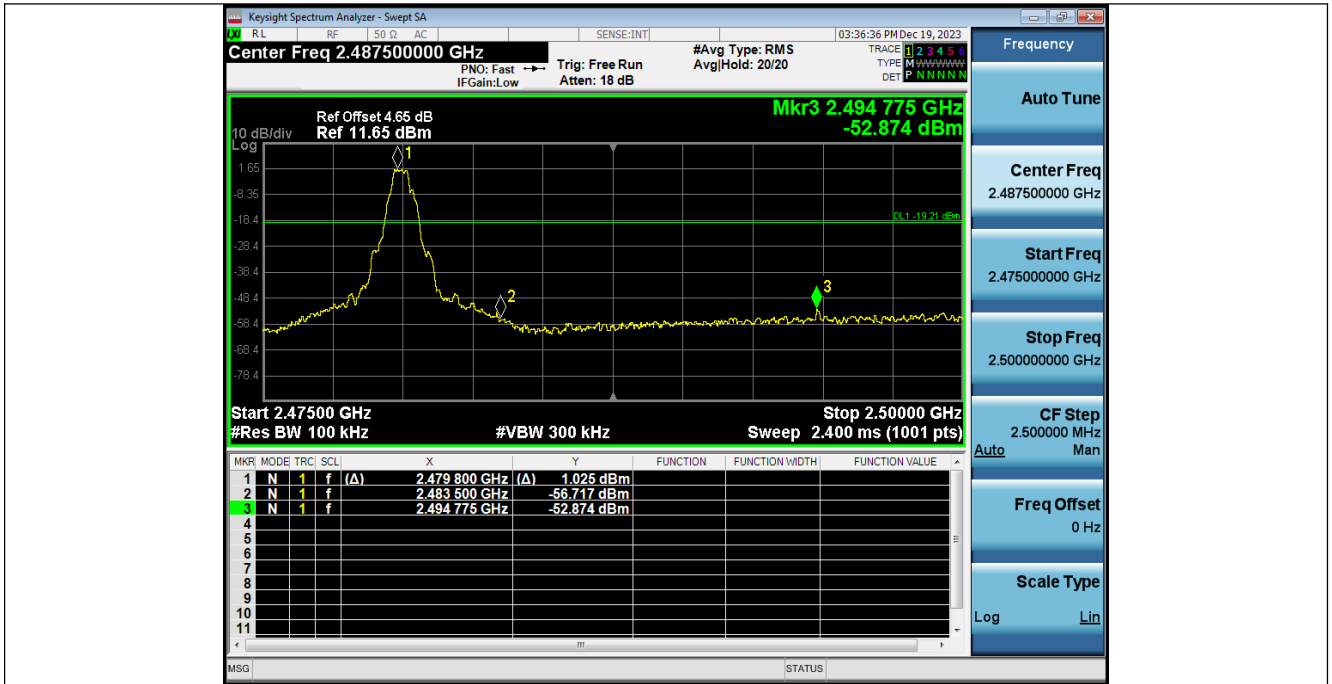
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



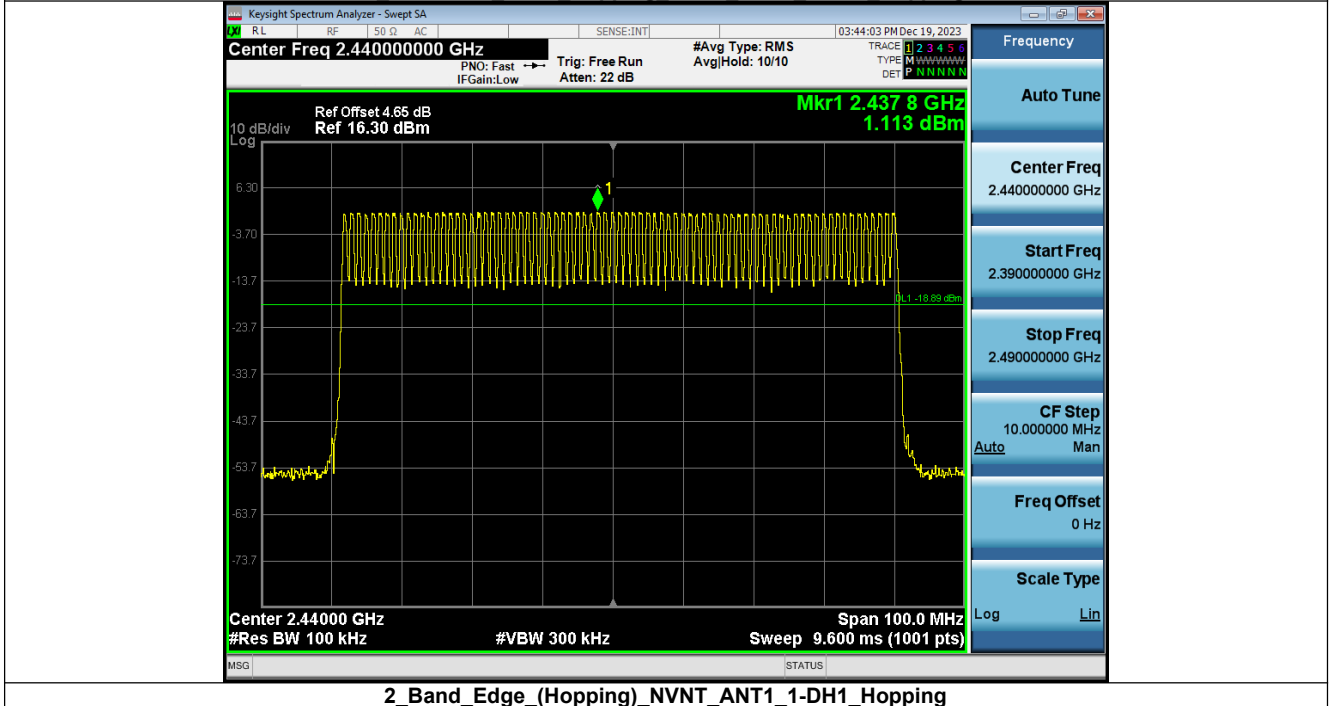
1 Reference_Level_NVNT_ANT1_1-DH1_2480



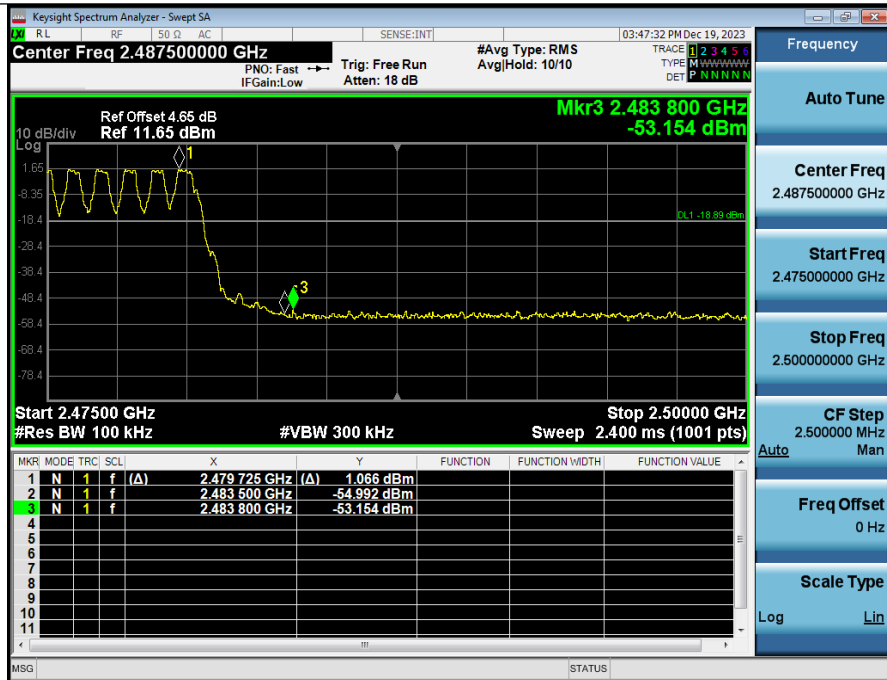
2_Bandedge_NVNT_ANT1_1-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



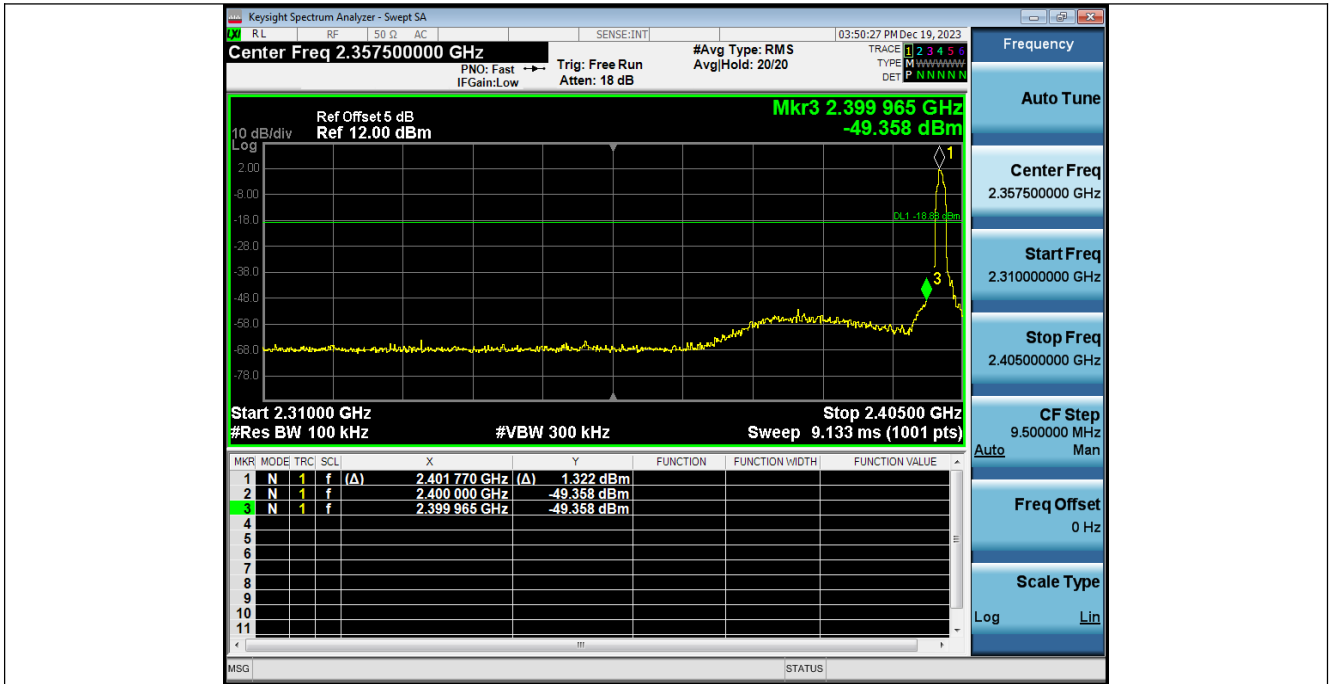
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



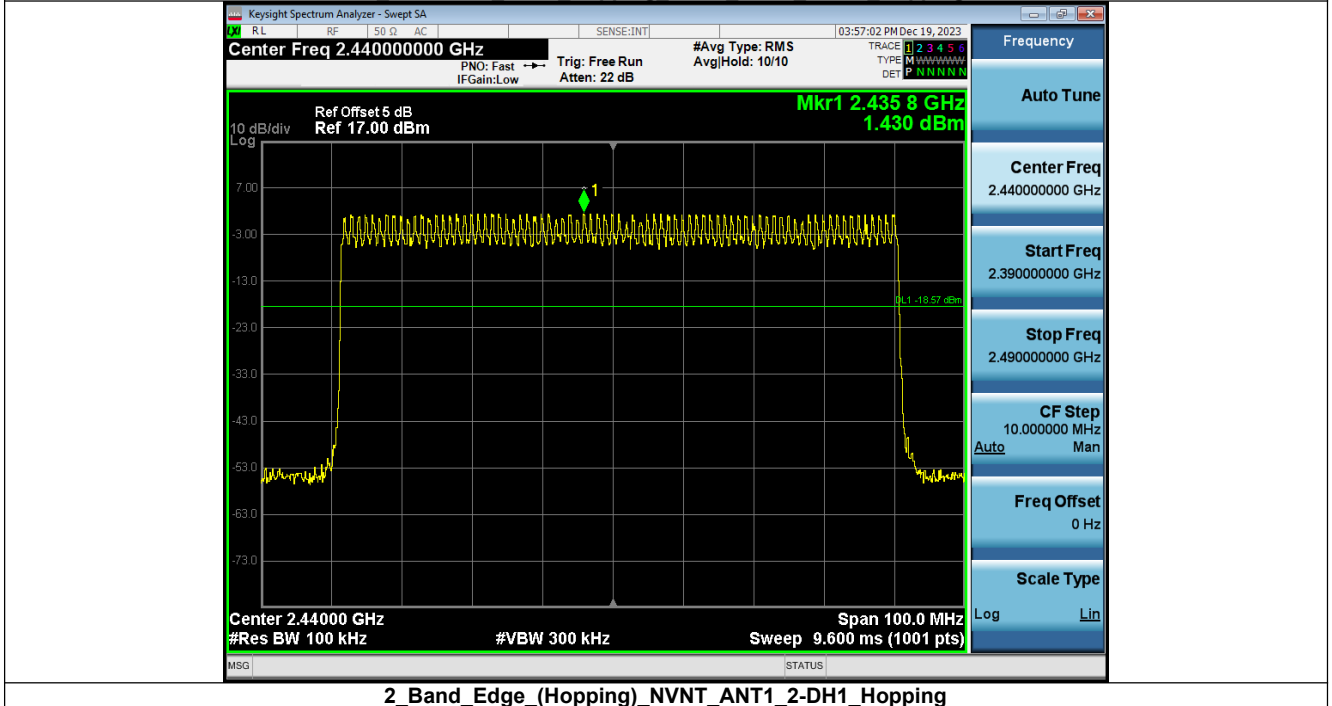
1 Reference_Level_NVNT_ANT1_2-DH1_2402

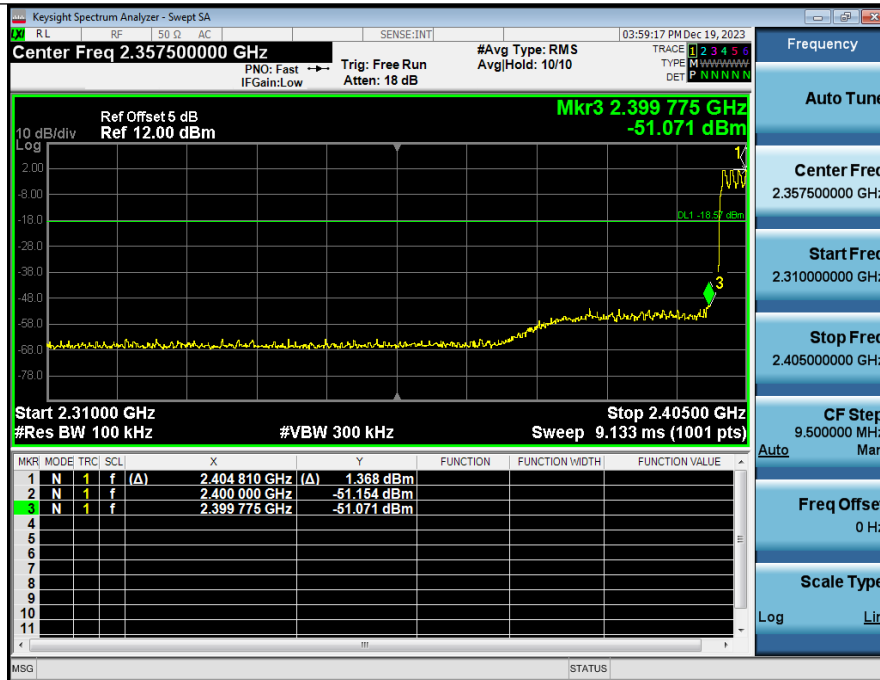


2_Bandedge_NVNT_ANT1_2-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

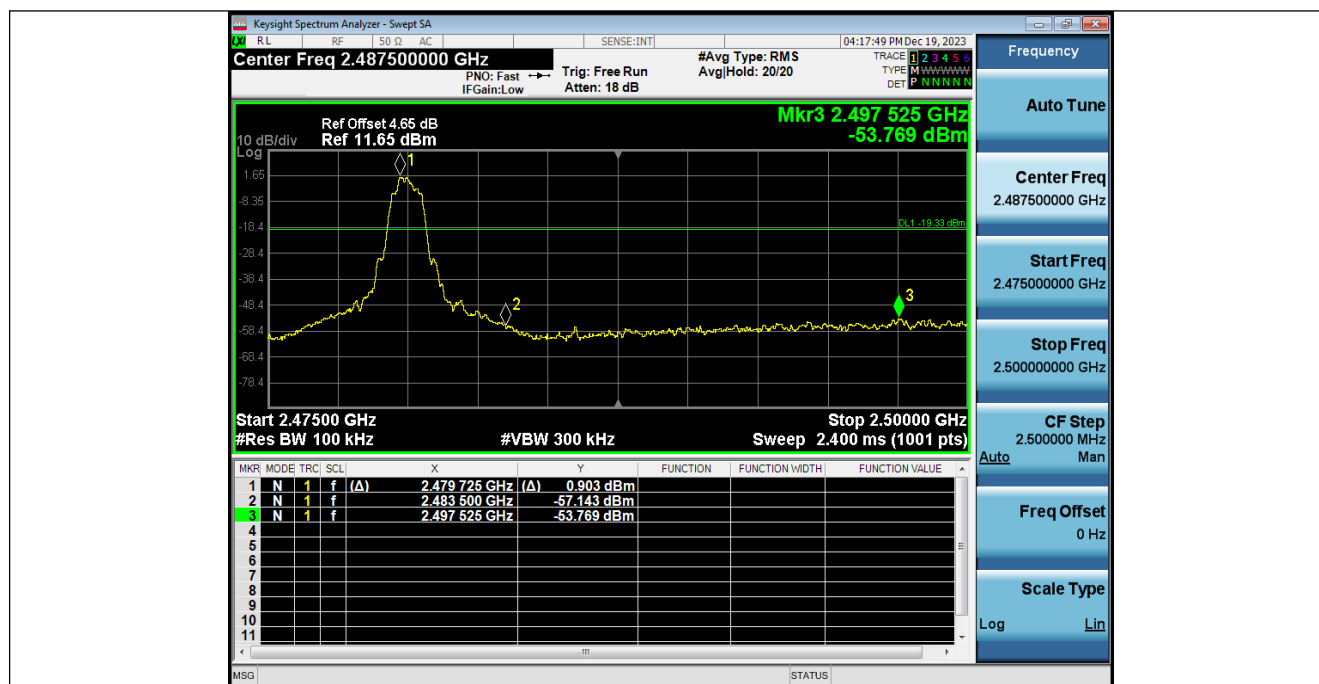




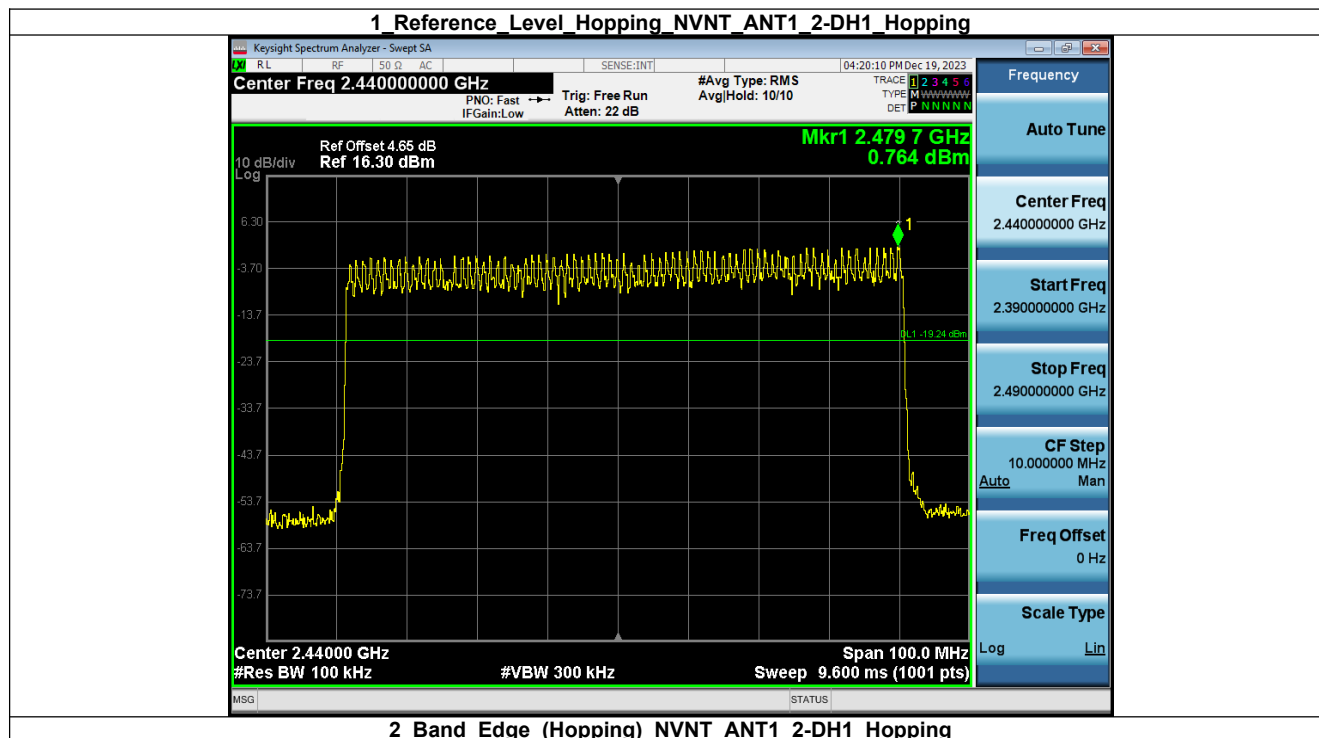
1 Reference_Level_NVNT_ANT1_2-DH1_2480

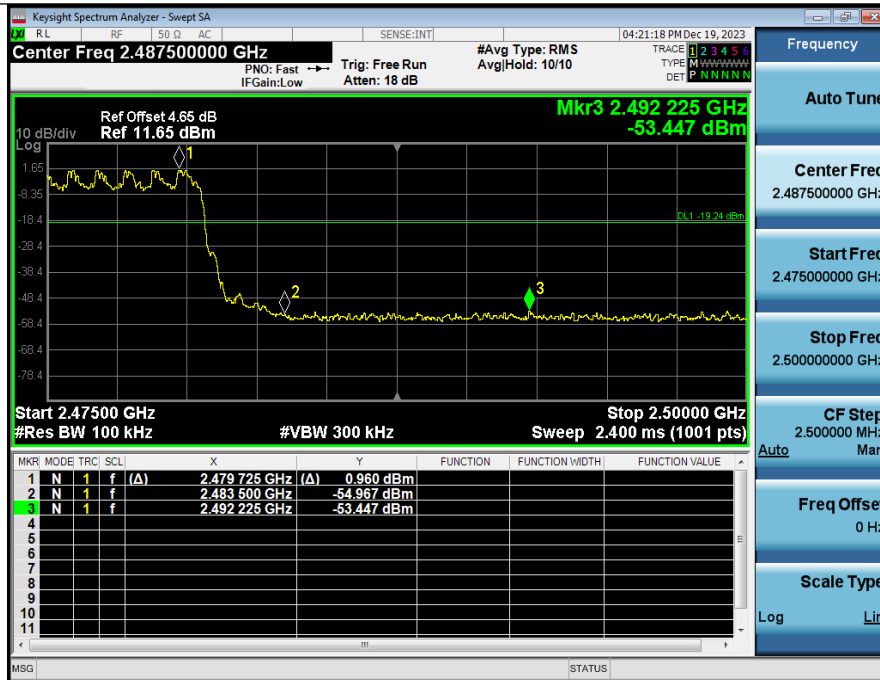


2_Bandedge_NVNT_ANT1_2-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping

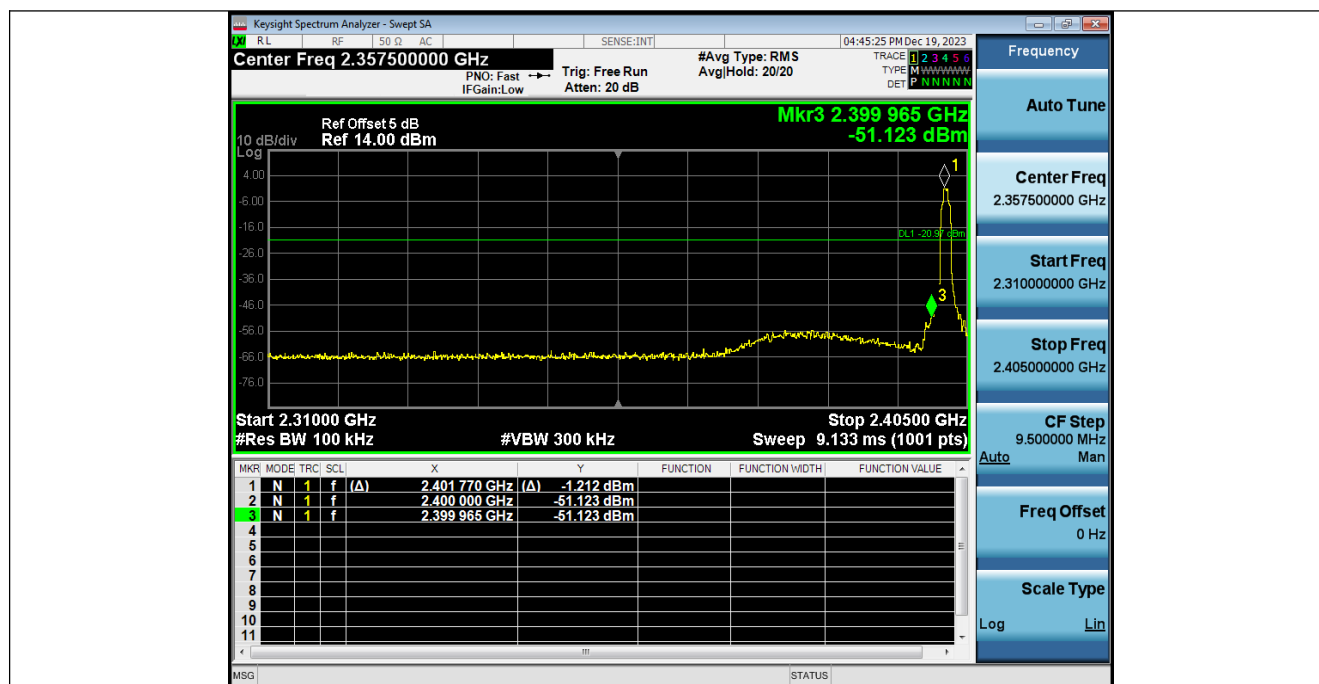




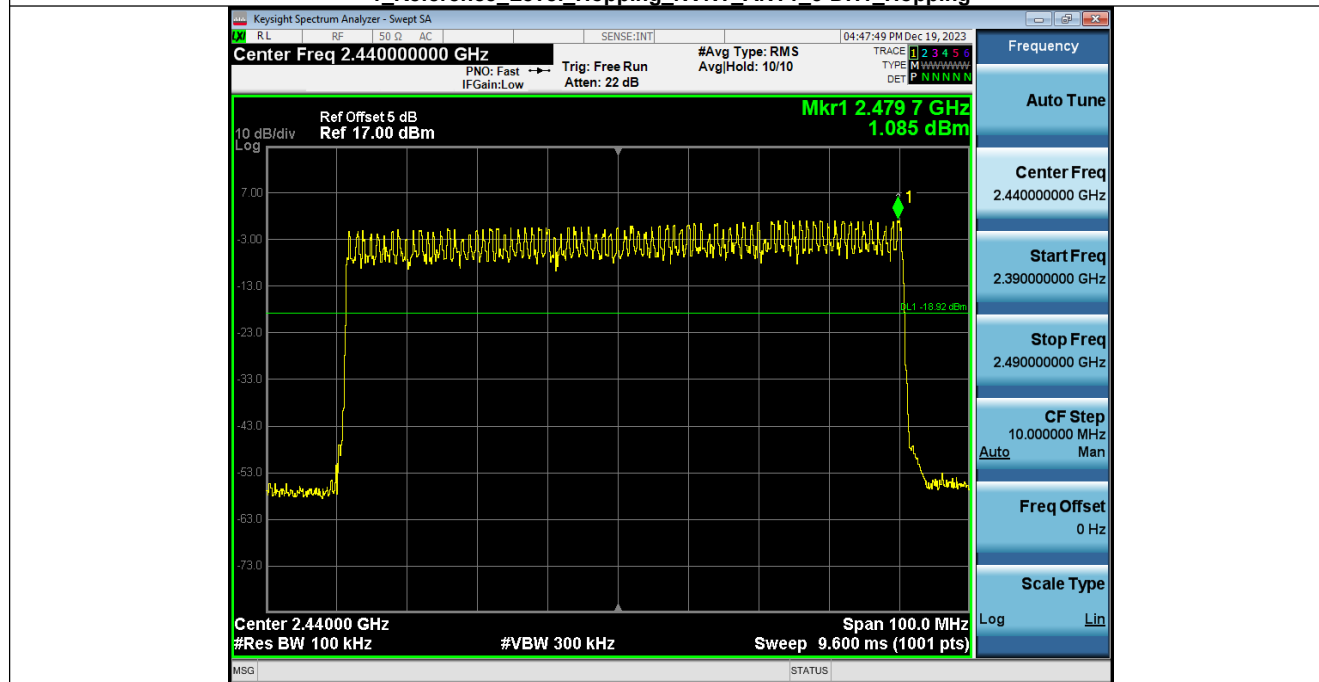
1 Reference_Level_NVNT_ANT1_3-DH1_2402



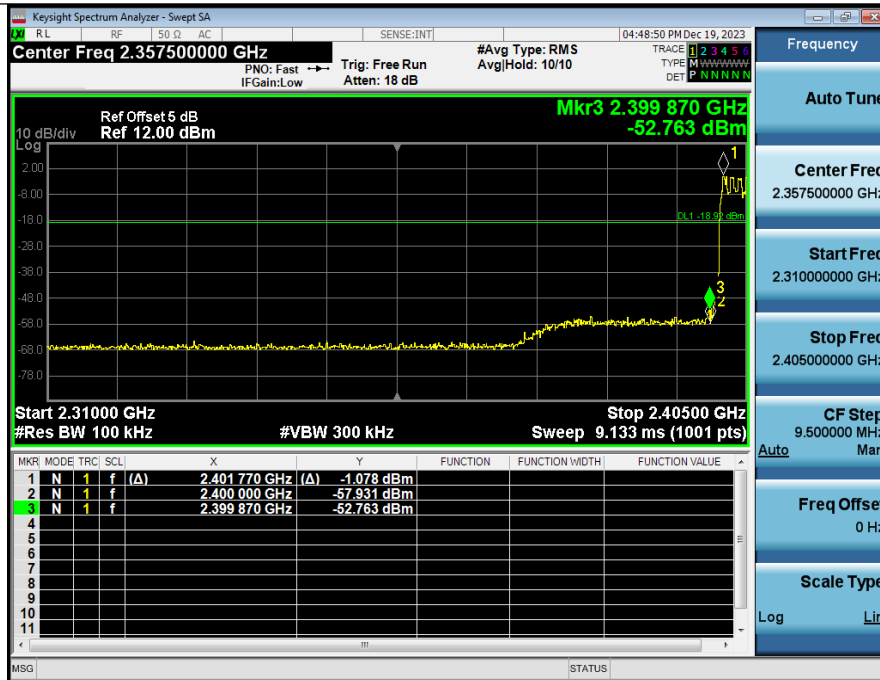
2_Bandedge_NVNT_ANT1_3-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



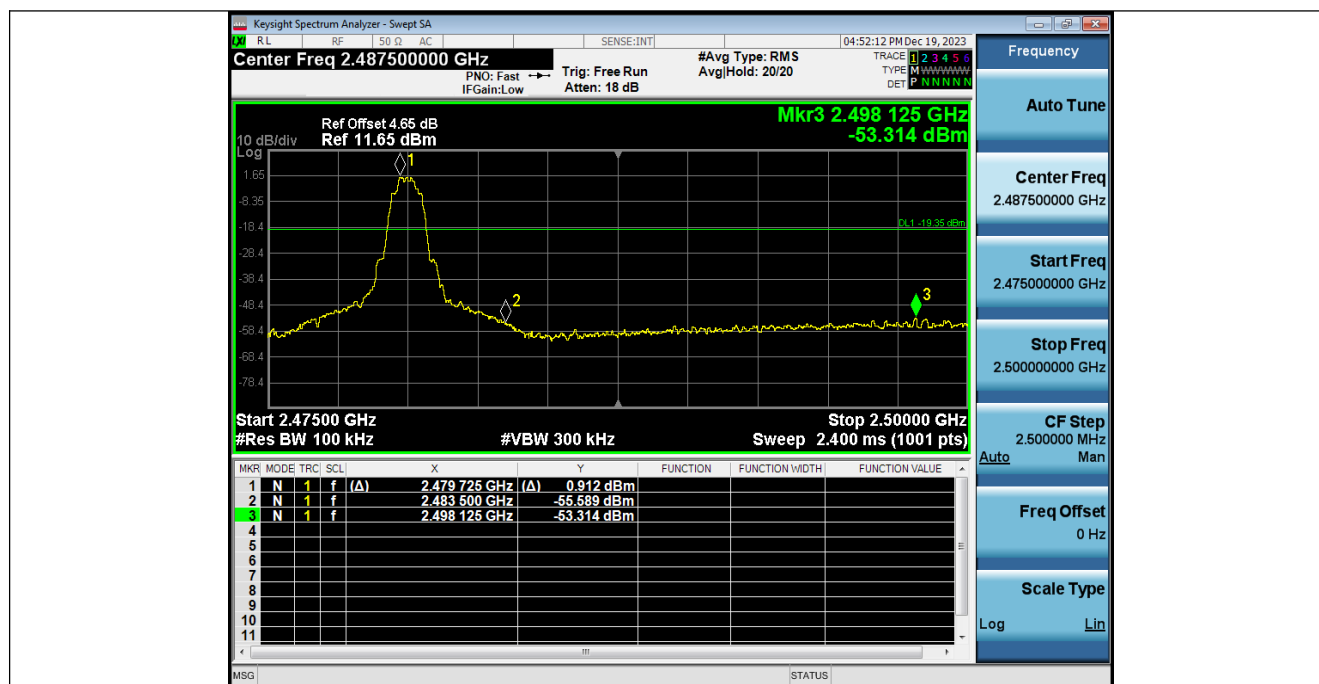
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



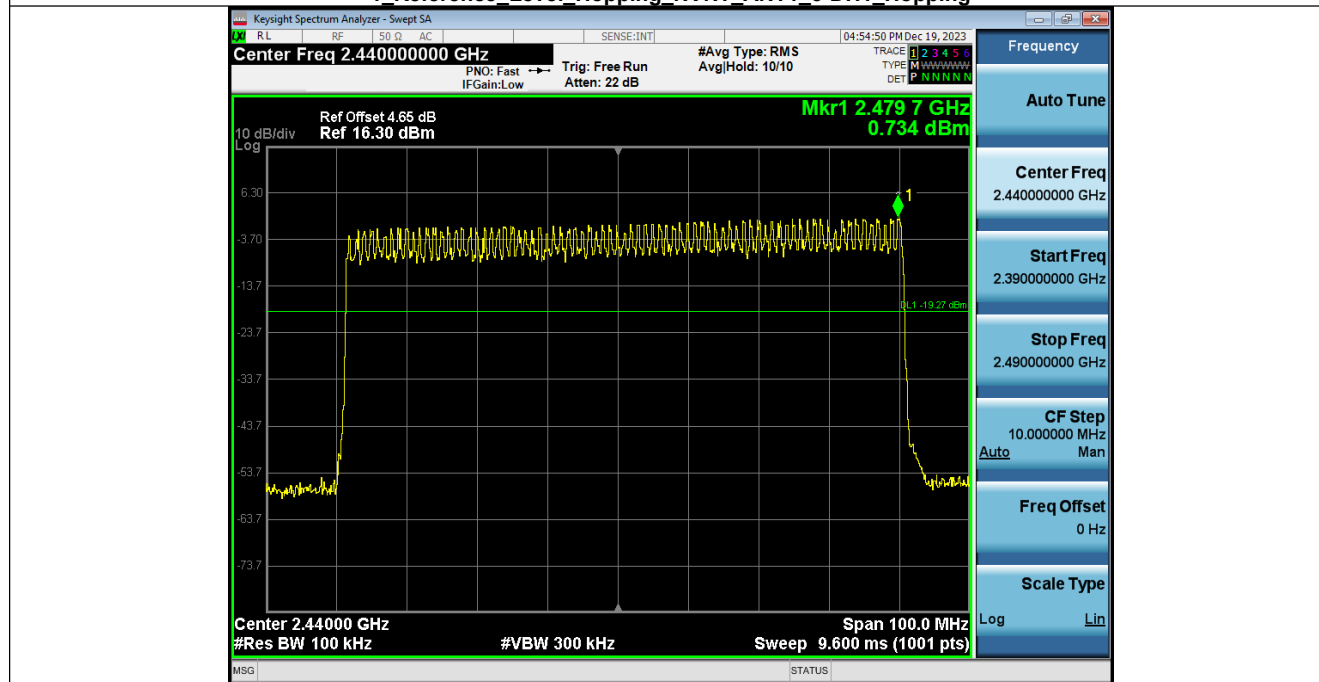
1 Reference_Level_NVNT_ANT1_3-DH1_2480



2_Bandedge_NVNT_ANT1_3-DH1_2480



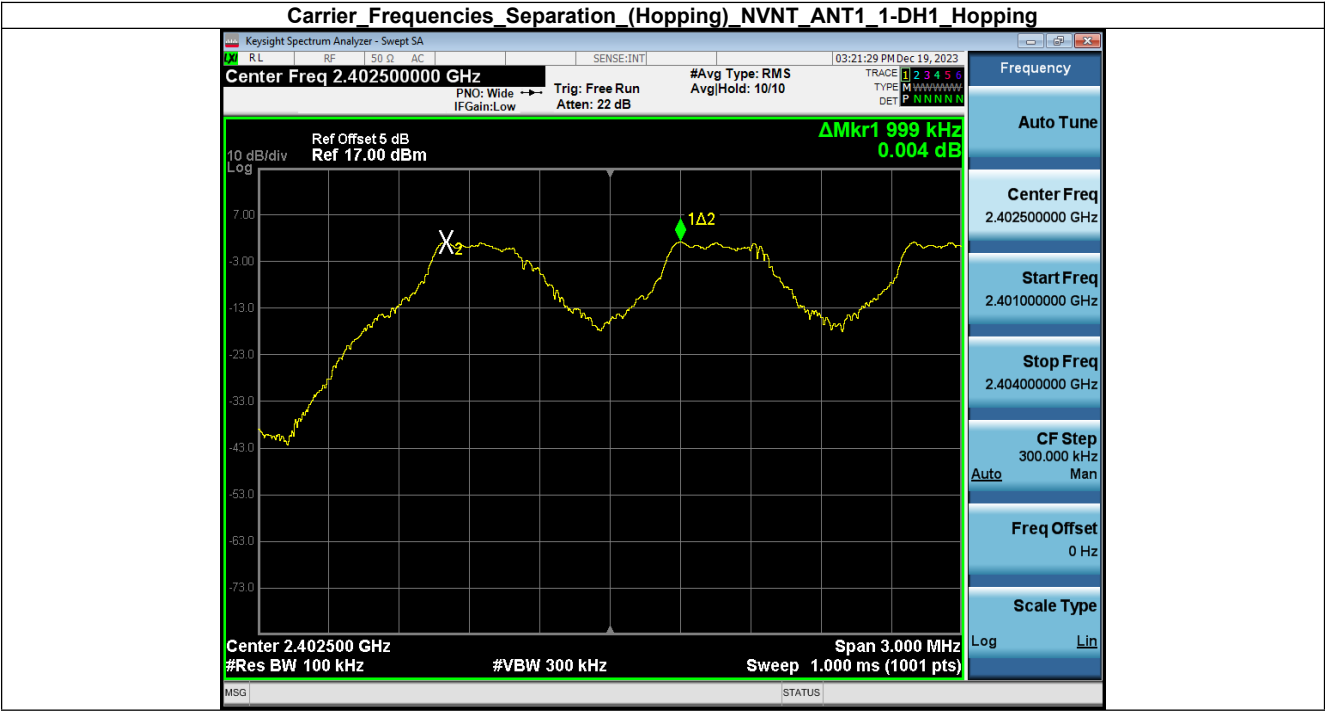
1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



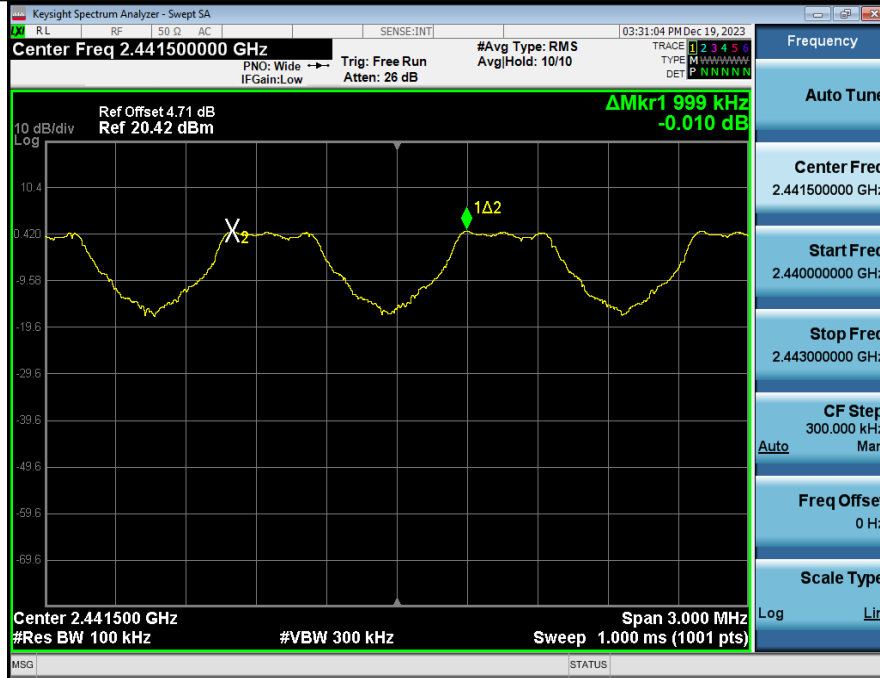
2_Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping

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	2402.00	2401.801	2402.800	1.00	0.873	Pass
NVNT	ANT1	1-DH1	2441.00	2440.798	2441.797	1.00	0.866	Pass
NVNT	ANT1	1-DH1	2480.00	2478.801	2479.803	1.00	0.717	Pass
NVNT	ANT1	2-DH1	2402.00	2401.798	2402.800	1.00	0.839	Pass
NVNT	ANT1	2-DH1	2441.00	2440.807	2441.800	0.99	0.835	Pass
NVNT	ANT1	2-DH1	2480.00	2478.801	2479.803	1.00	0.831	Pass
NVNT	ANT1	3-DH1	2402.00	2401.804	2402.806	1.00	0.843	Pass
NVNT	ANT1	3-DH1	2441.00	2440.801	2441.800	1.00	0.860	Pass
NVNT	ANT1	3-DH1	2480.00	2478.801	2479.803	1.00	0.861	Pass



Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



Carrier Frequencies Separation (Hopping) NVNT_ANT1 1-DH1 Hopping



Keysight Spectrum Analyzer - Swept SA

Center Freq 2.402500000 GHz

Ref Offset 5 dB
Ref 17.00 dBm

DMkr1 1.002 MHz
0.025 dB

Center Freq 2.402500000 GHz

Start Freq 2.401000000 GHz

Stop Freq 2.404000000 GHz

CF Step 300.000 kHz

Freq Offset 0 Hz

Scale Type Log

Center 2.402500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.000 ms (1001 pts)
Span 3.000 MHz



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

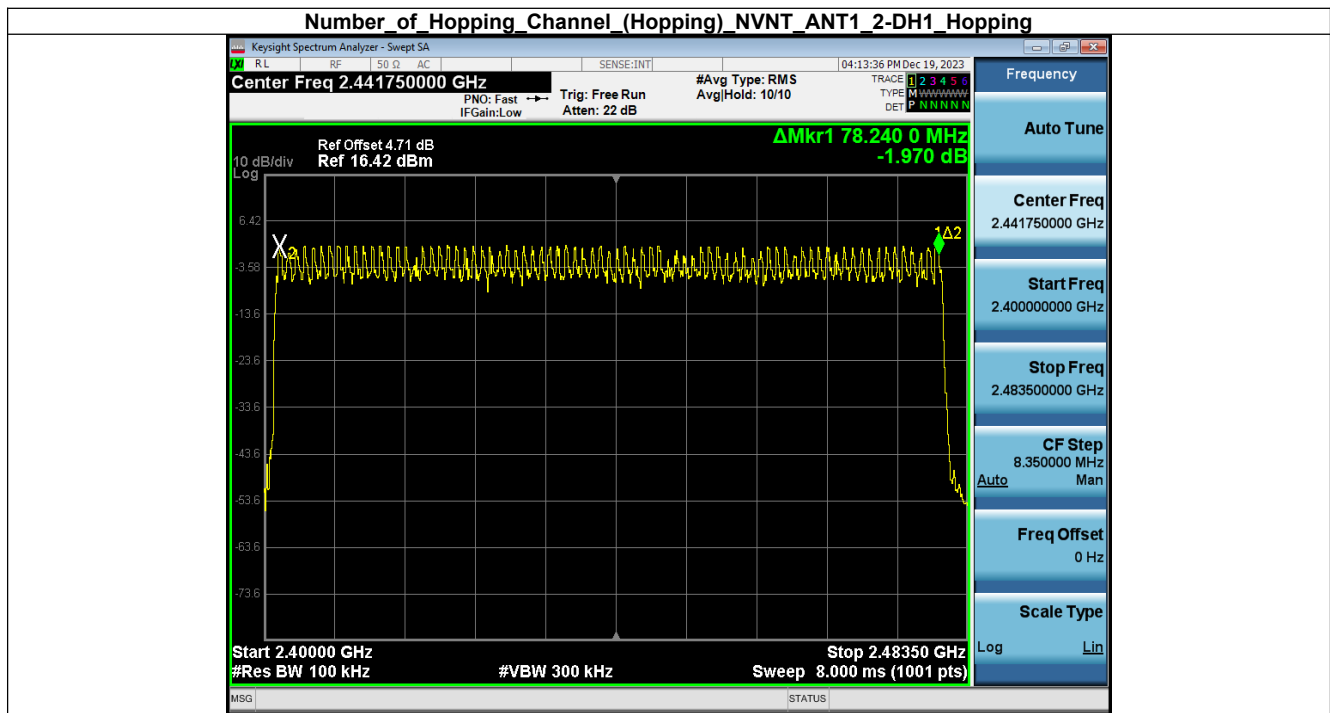
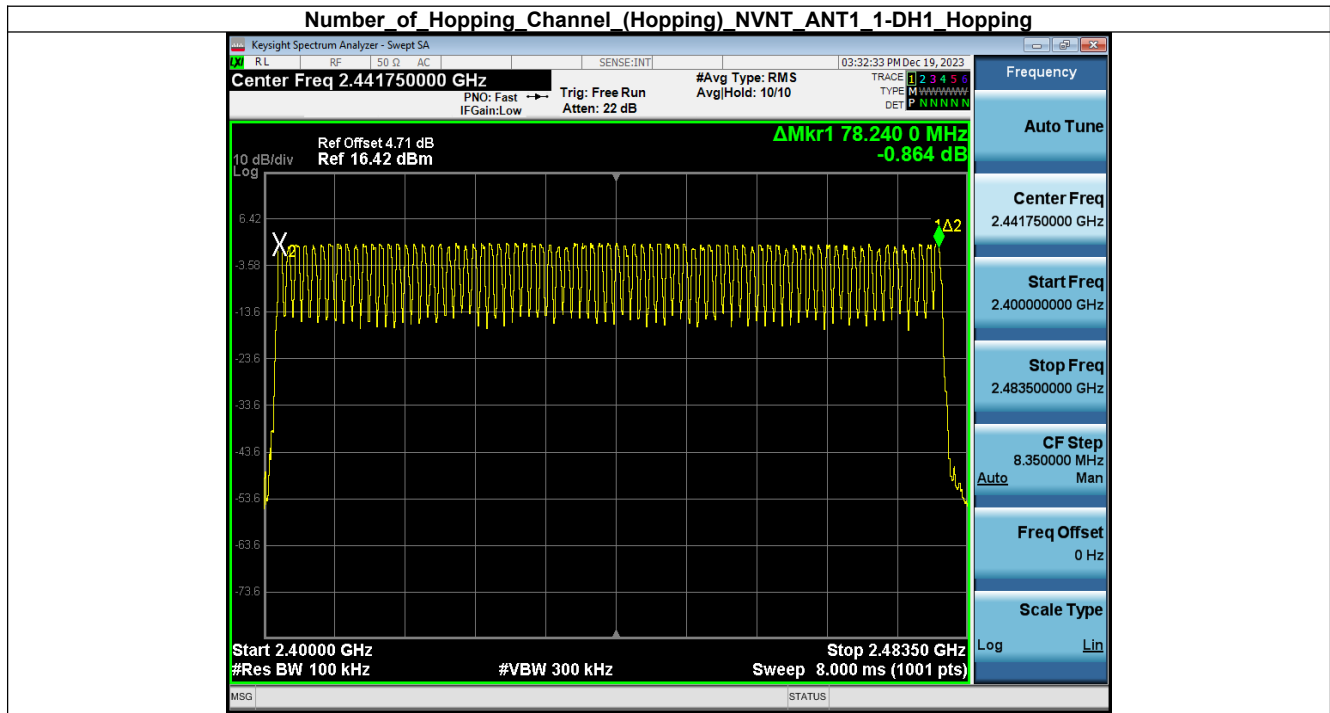


Carrier Frequencies Separation (Hopping) NVNT_ANT1 3-DH1 Hopping

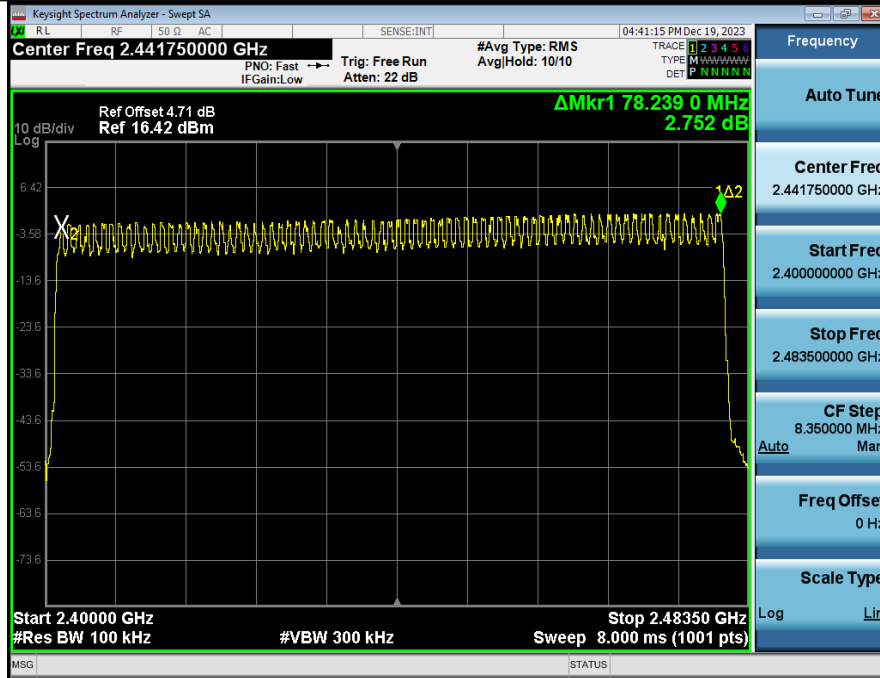


7. Number of Hopping Channel (Hopping)

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

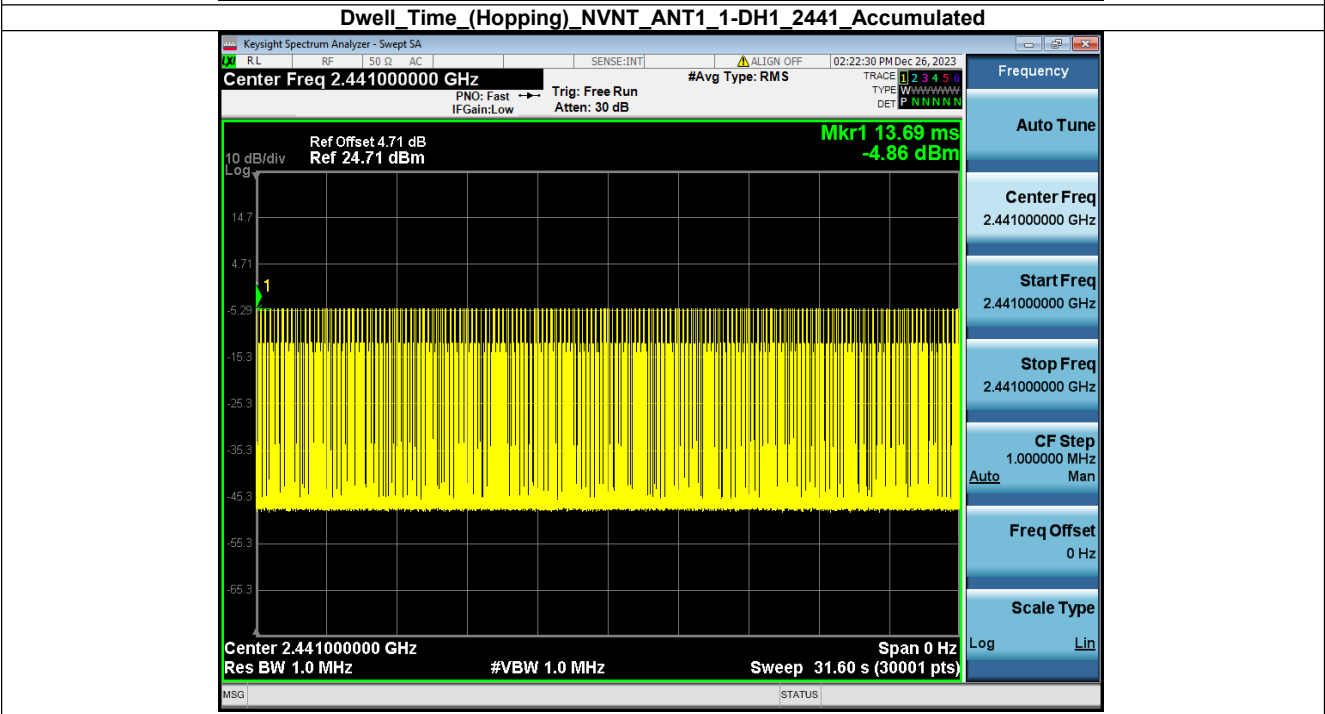
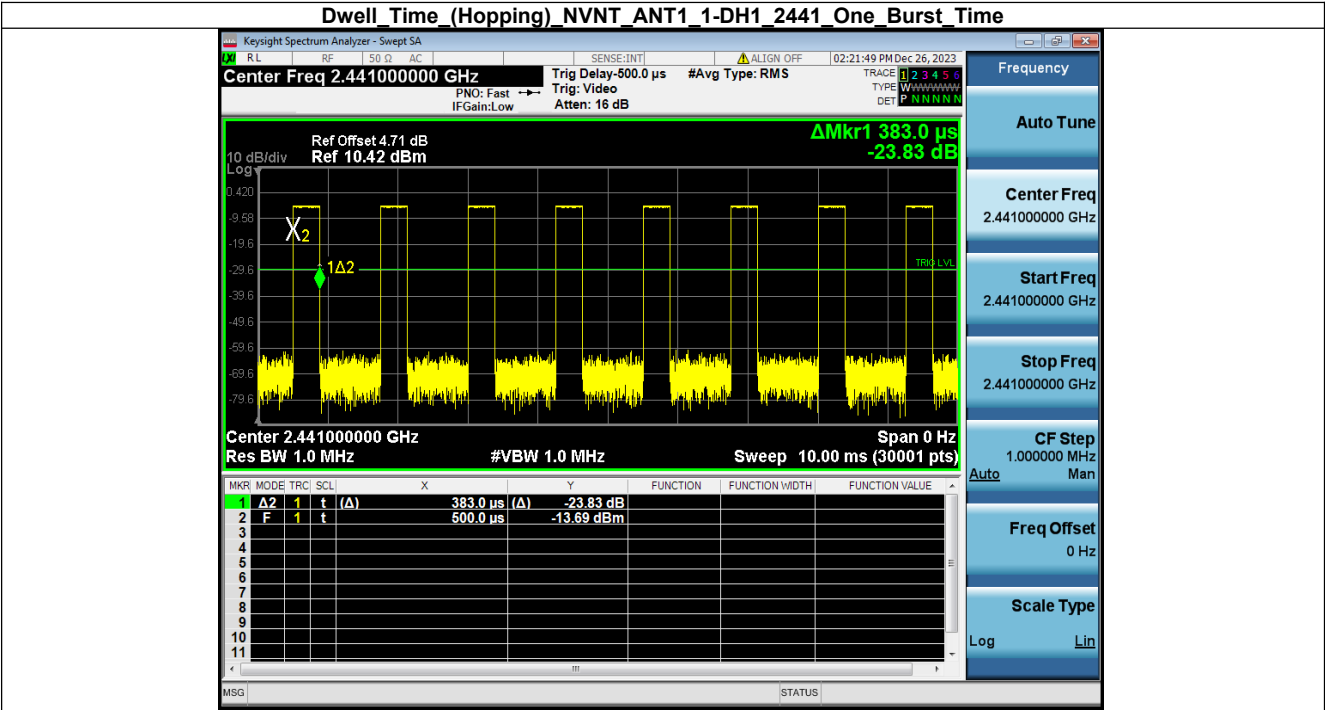


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

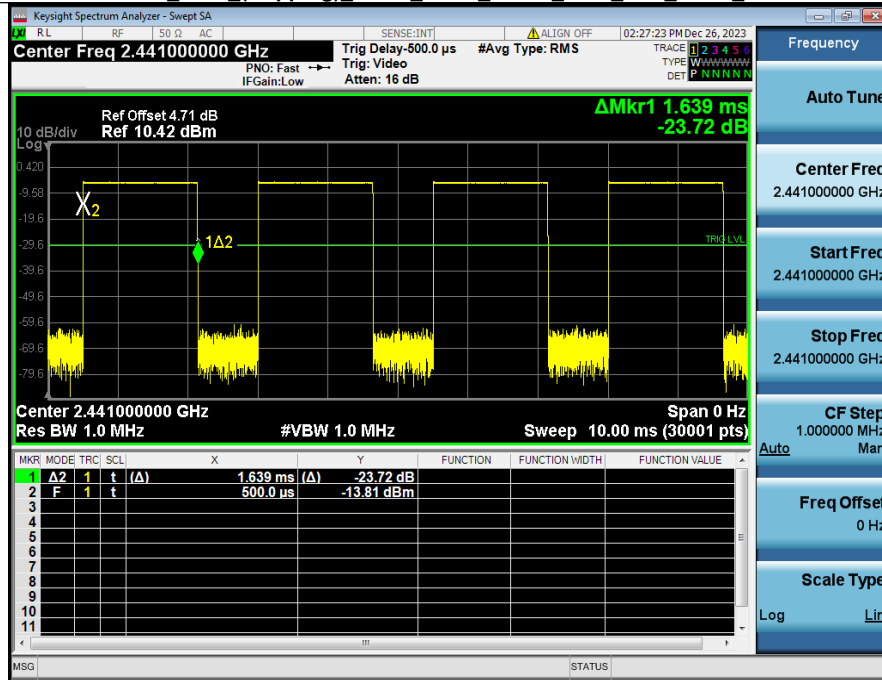


8. Dwell Time (Hopping)

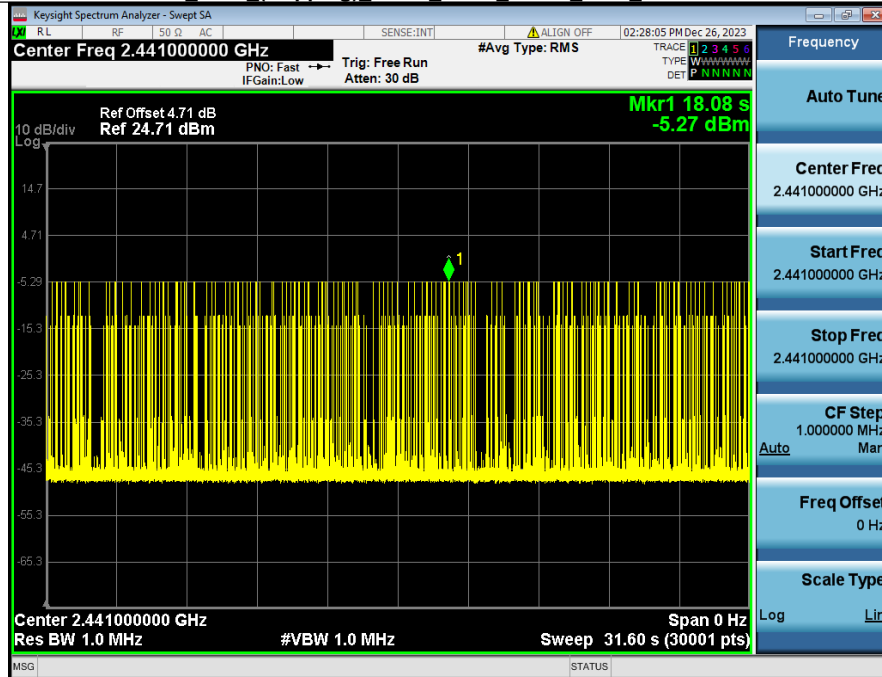
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.383	320.00	122.560	0.40	Pass
NVNT	ANT1	1-DH3	1.639	157.00	257.323	0.40	Pass
NVNT	ANT1	1-DH5	2.888	115.00	332.120	0.40	Pass
NVNT	ANT1	2-DH1	0.393	320.00	125.760	0.40	Pass
NVNT	ANT1	2-DH3	1.645	158.00	259.910	0.40	Pass
NVNT	ANT1	2-DH5	2.893	110.00	318.230	0.40	Pass
NVNT	ANT1	3-DH1	0.652	150.00	97.800	0.40	Pass
NVNT	ANT1	3-DH3	0.897	107.00	95.979	0.40	Pass
NVNT	ANT1	3-DH5	2.889	102.00	294.678	0.40	Pass



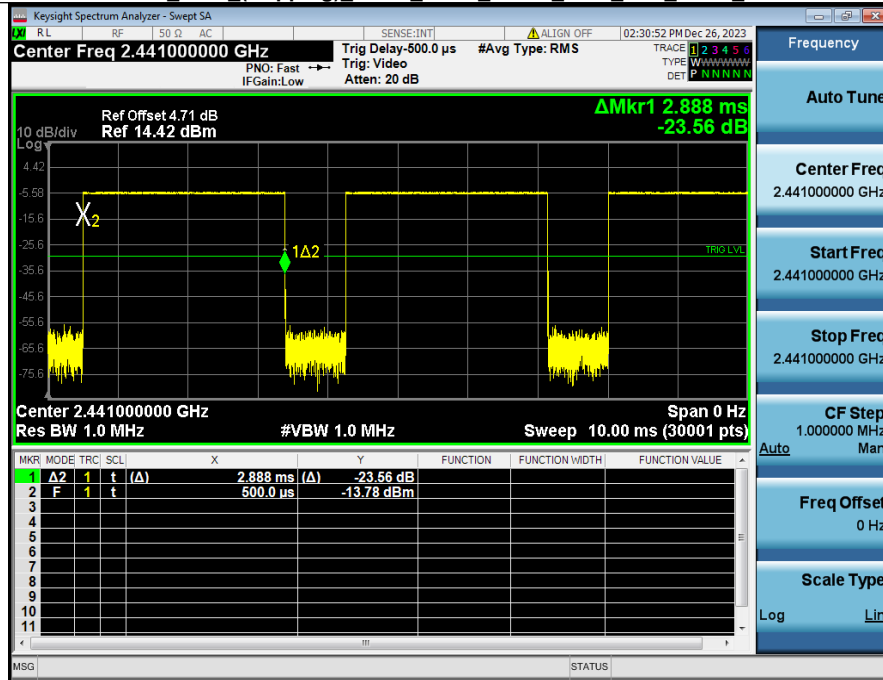
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_One_Burst Time



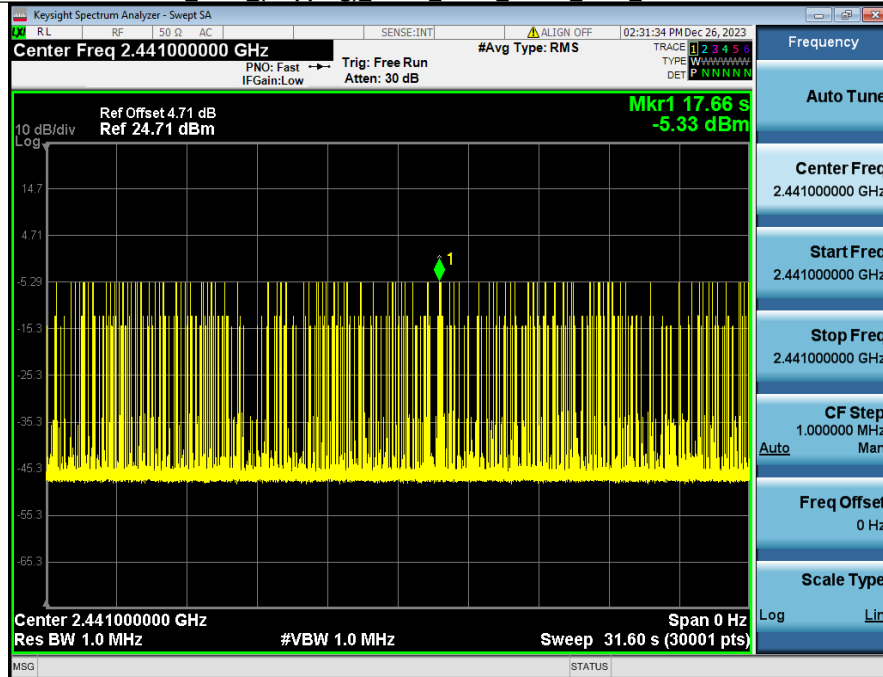
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_Accumulated



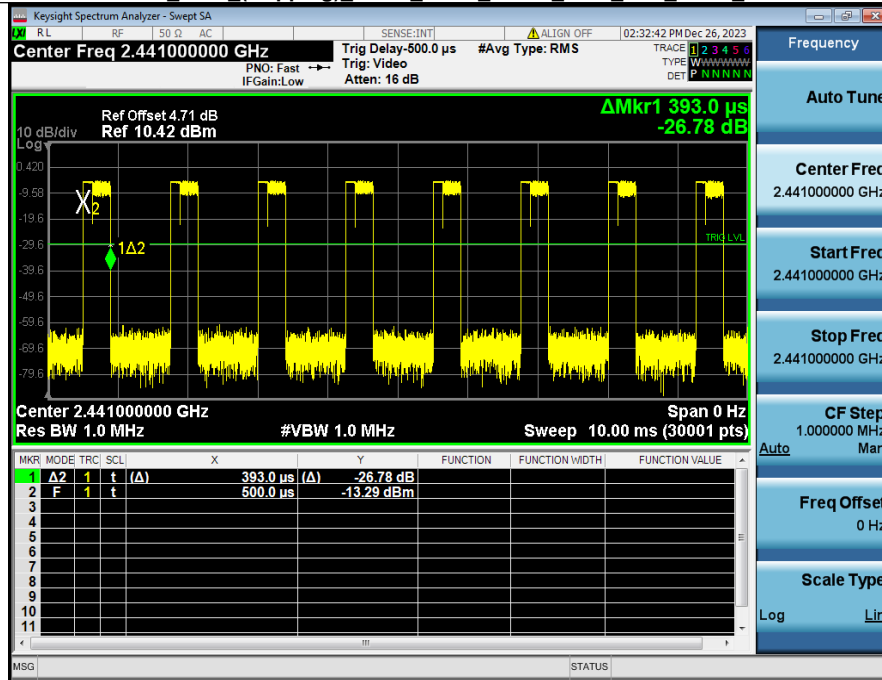
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_One_Burst Time



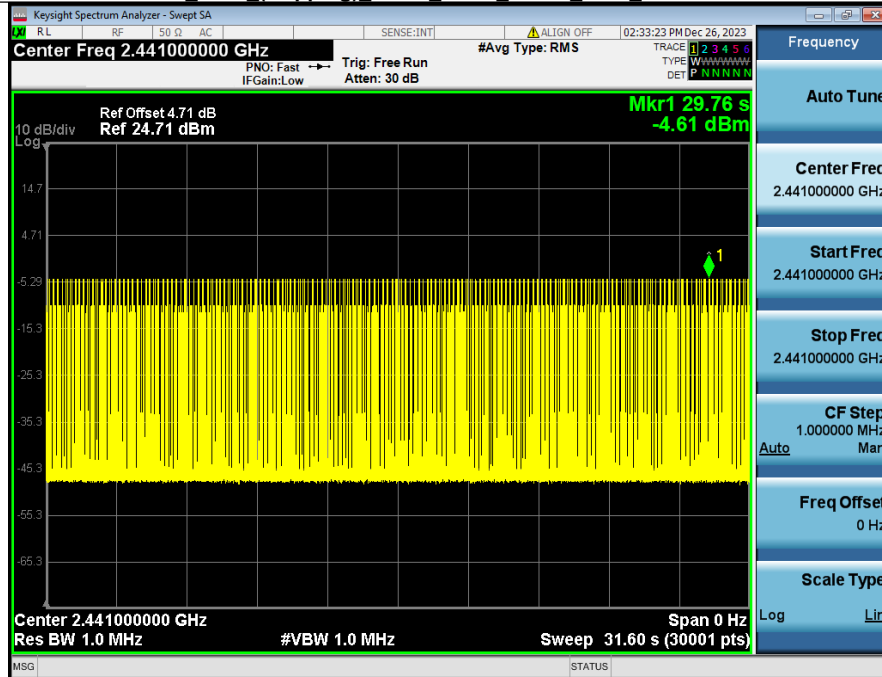
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_Accumulated



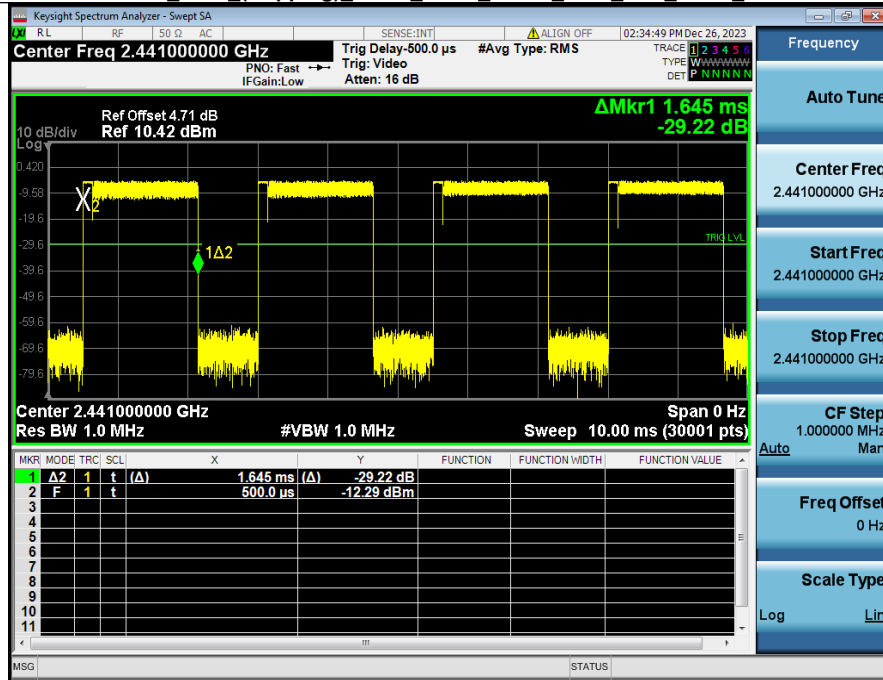
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_One_Burst_Time



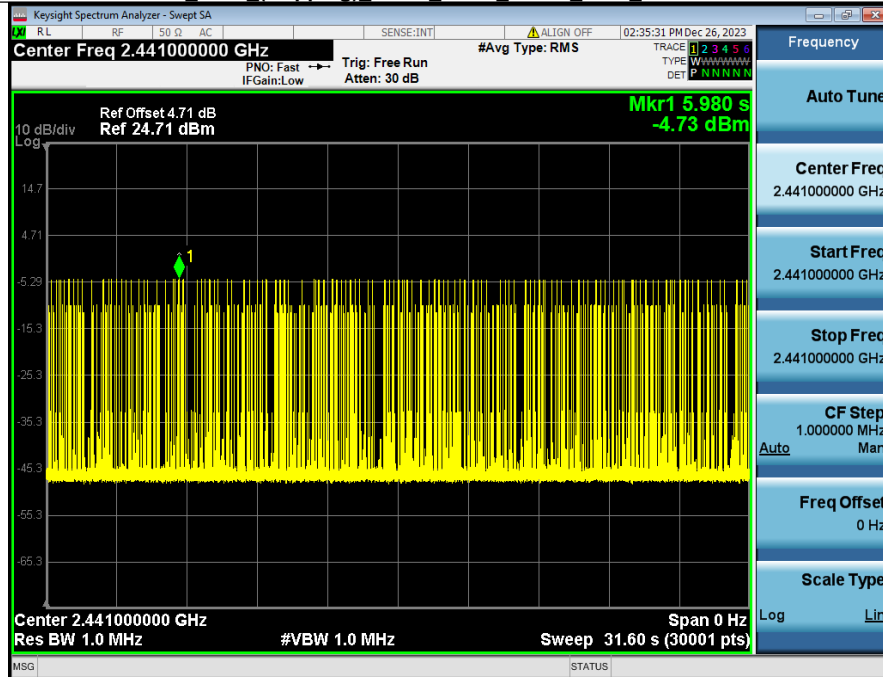
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_Accumulated



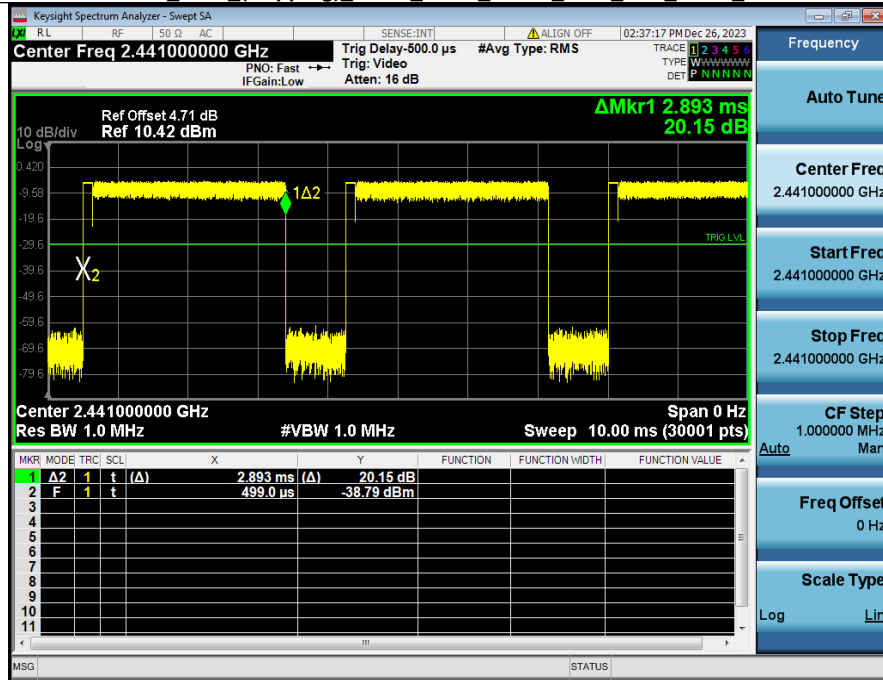
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_One_Burst_Time



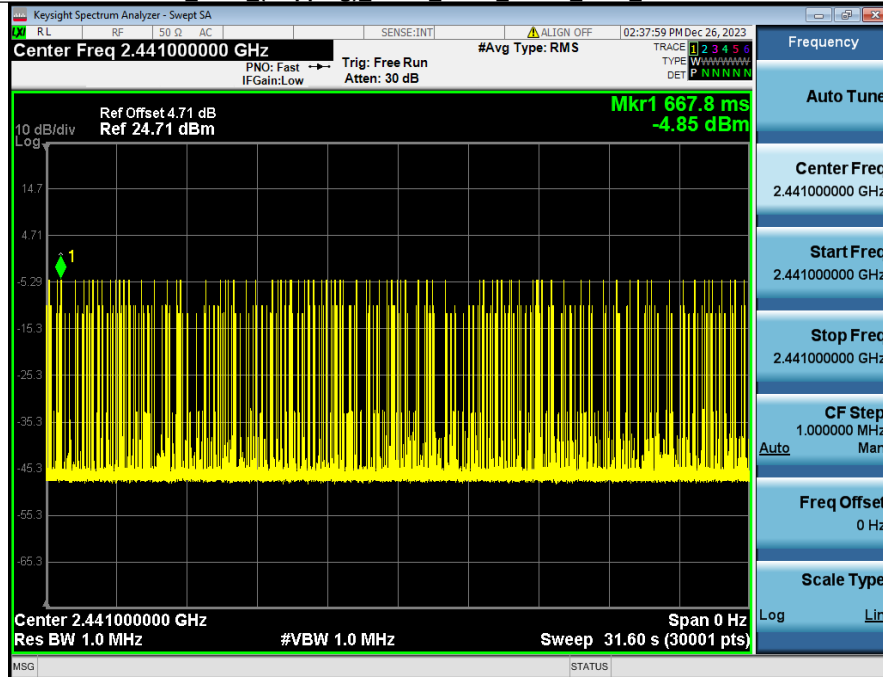
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_Accumulated



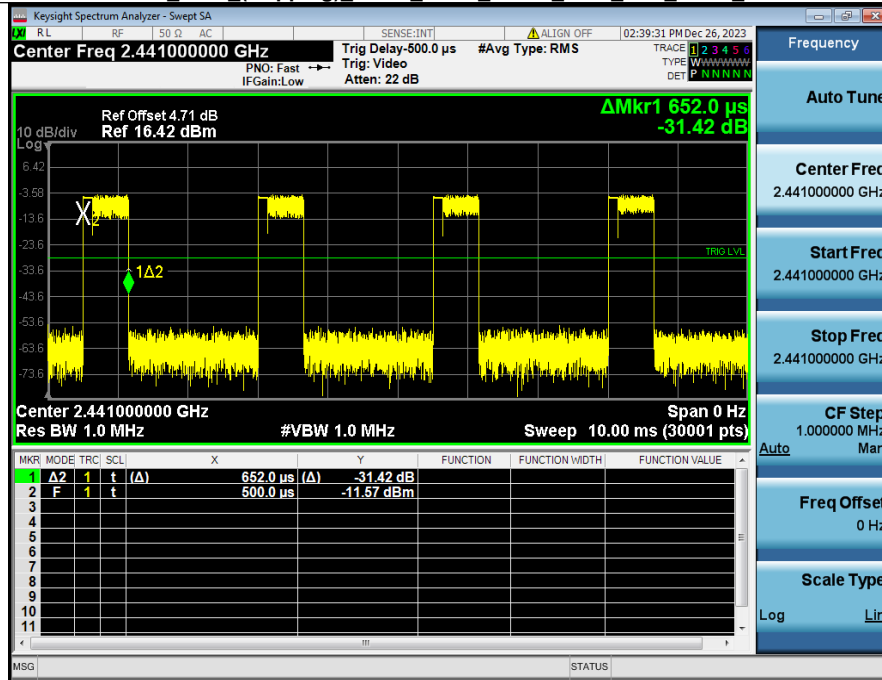
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One_Burst_Time



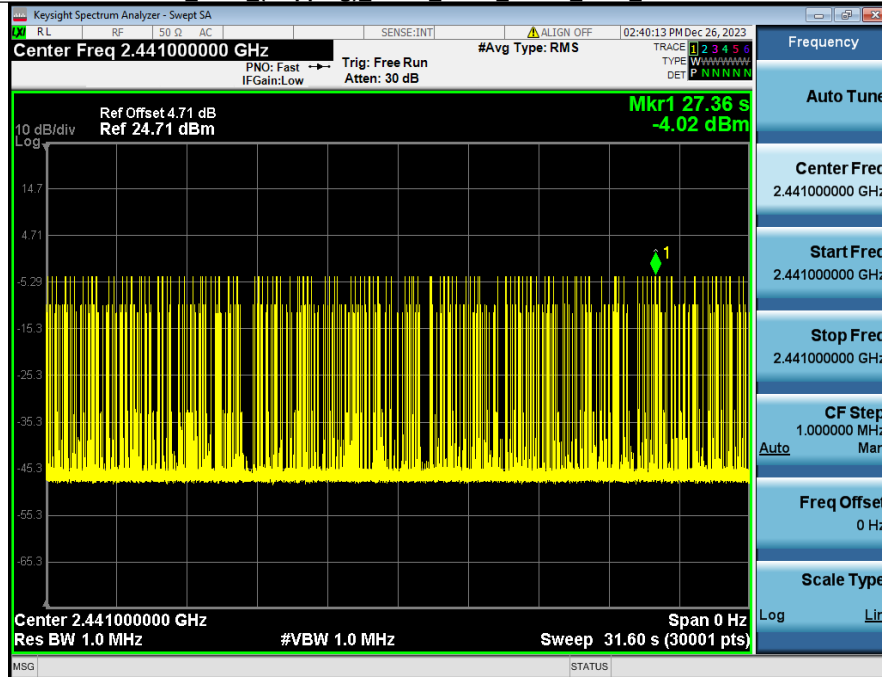
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



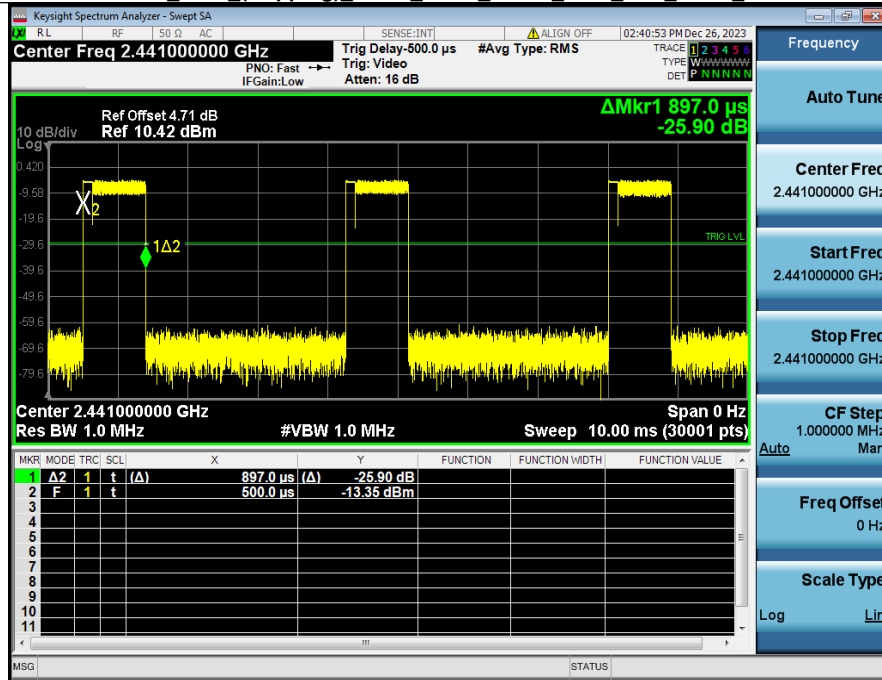
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_One_Burst_Time



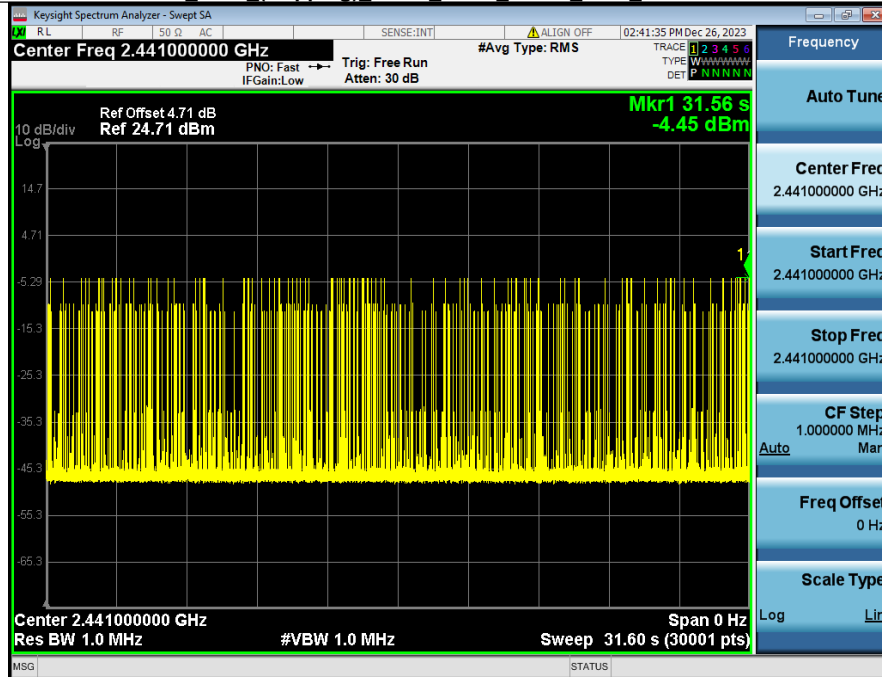
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_Accumulated



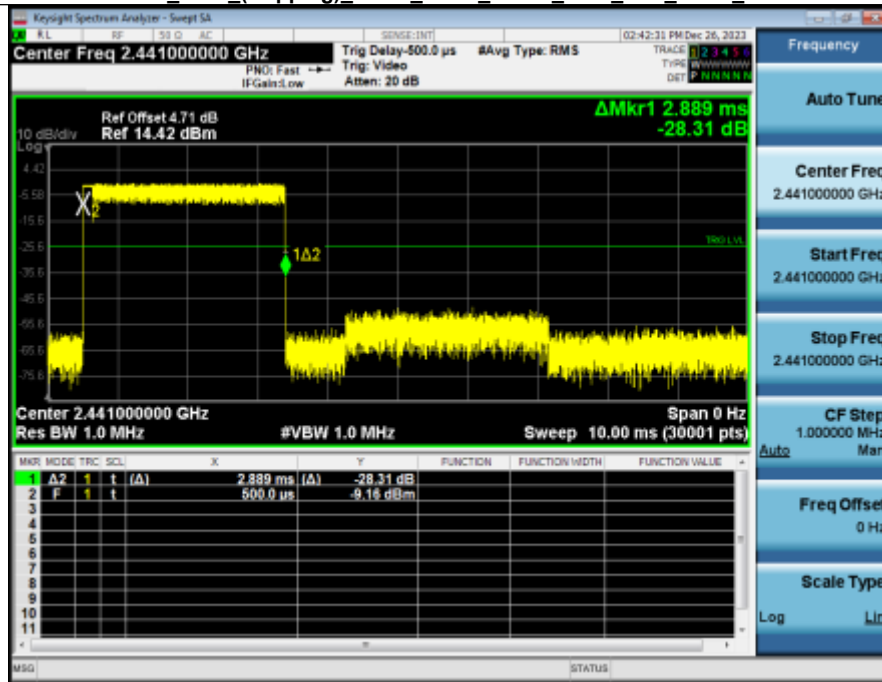
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_One_Burst_Time



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

