

Table of Contents

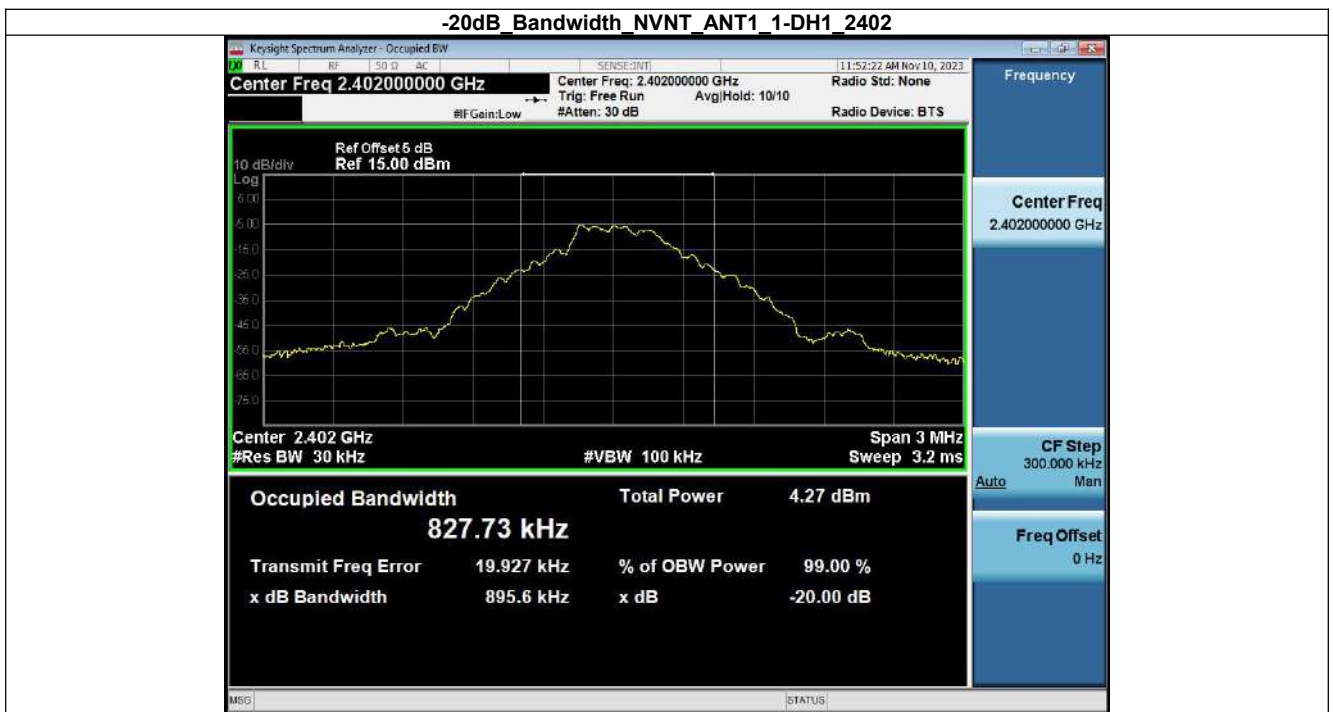
1. -20dB Bandwidth	2
2. 99% Occupied Bandwidth	7
3. Peak Output Power	12
4. Spurious Emissions	17
5. Bandedge	26
6. Carrier Frequencies Separation (Hopping)	39
7. Number of Hopping Channel (Hopping)	44
8. Dwell Time (Hopping)	46

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	0.896	No
NVNT	ANT1	1-DH1	2441.00	0.898	No
NVNT	ANT1	1-DH1	2480.00	0.897	No
NVNT	ANT1	2-DH1	2402.00	1.299	Yes
NVNT	ANT1	2-DH1	2441.00	1.279	Yes
NVNT	ANT1	2-DH1	2480.00	1.302	Yes
NVNT	ANT1	3-DH1	2402.00	1.250	Yes
NVNT	ANT1	3-DH1	2441.00	1.256	Yes
NVNT	ANT1	3-DH1	2480.00	1.256	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	0.828
NVNT	ANT1	1-DH1	2441.00	0.827
NVNT	ANT1	1-DH1	2480.00	0.828
NVNT	ANT1	2-DH1	2402.00	1.165
NVNT	ANT1	2-DH1	2441.00	1.165
NVNT	ANT1	2-DH1	2480.00	1.165
NVNT	ANT1	3-DH1	2402.00	1.156
NVNT	ANT1	3-DH1	2441.00	1.157
NVNT	ANT1	3-DH1	2480.00	1.159



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	-2.28	0.59	1000	Pass
NVNT	ANT1	1-DH1	2441.00	-2.97	0.50	1000	Pass
NVNT	ANT1	1-DH1	2480.00	-3.63	0.43	1000	Pass
NVNT	ANT1	2-DH1	2402.00	0.09	1.02	125	Pass
NVNT	ANT1	2-DH1	2441.00	-0.64	0.86	125	Pass
NVNT	ANT1	2-DH1	2480.00	-1.37	0.73	125	Pass
NVNT	ANT1	3-DH1	2402.00	0.70	1.18	125	Pass
NVNT	ANT1	3-DH1	2441.00	0.02	1.00	125	Pass
NVNT	ANT1	3-DH1	2480.00	-0.76	0.84	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

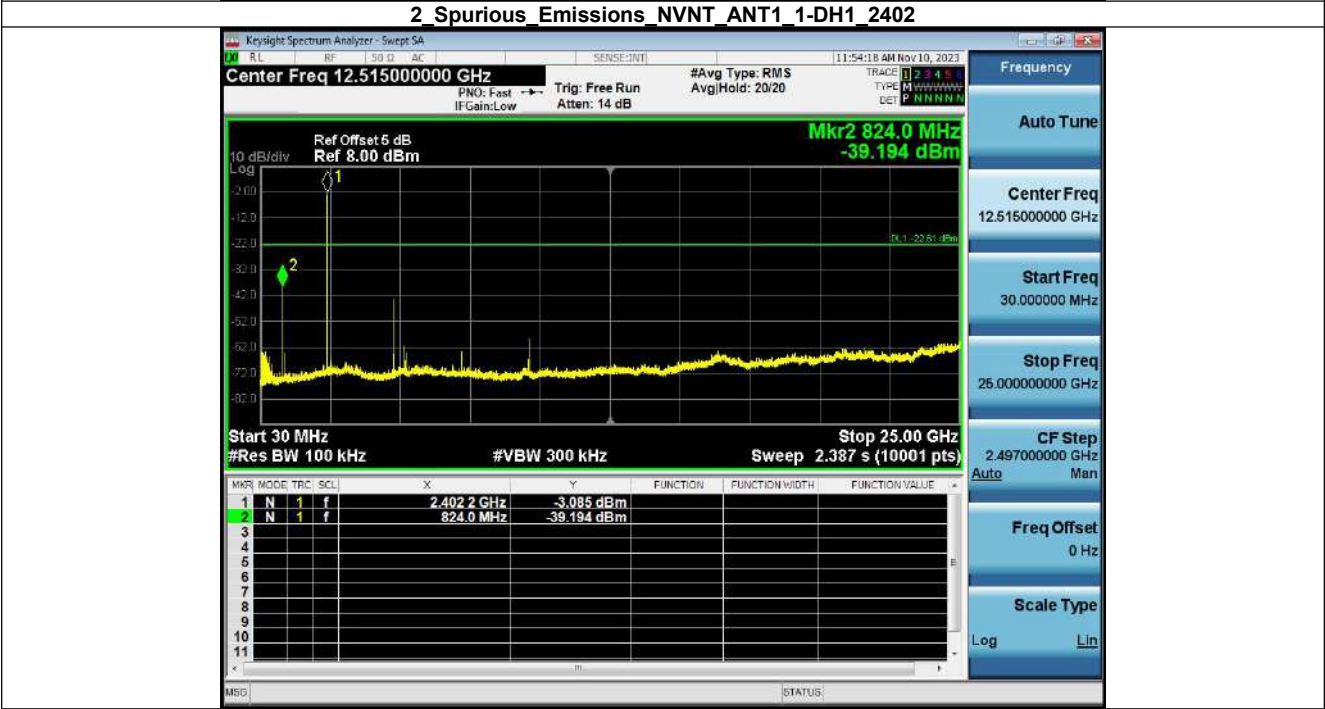


Peak_Output_Power_NVNT_ANT1_3-DH1_2480

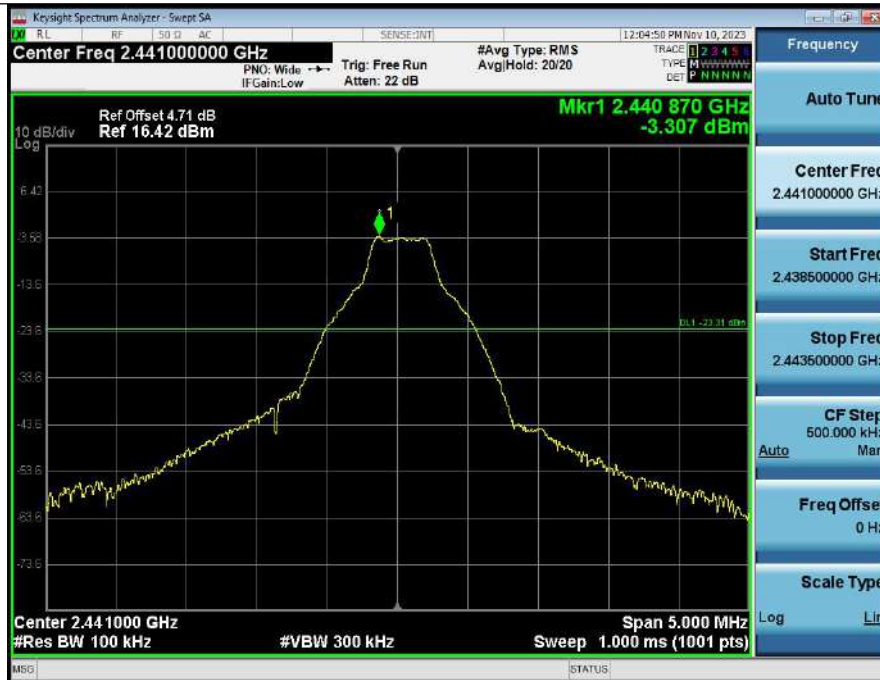


4. Spurious Emissions

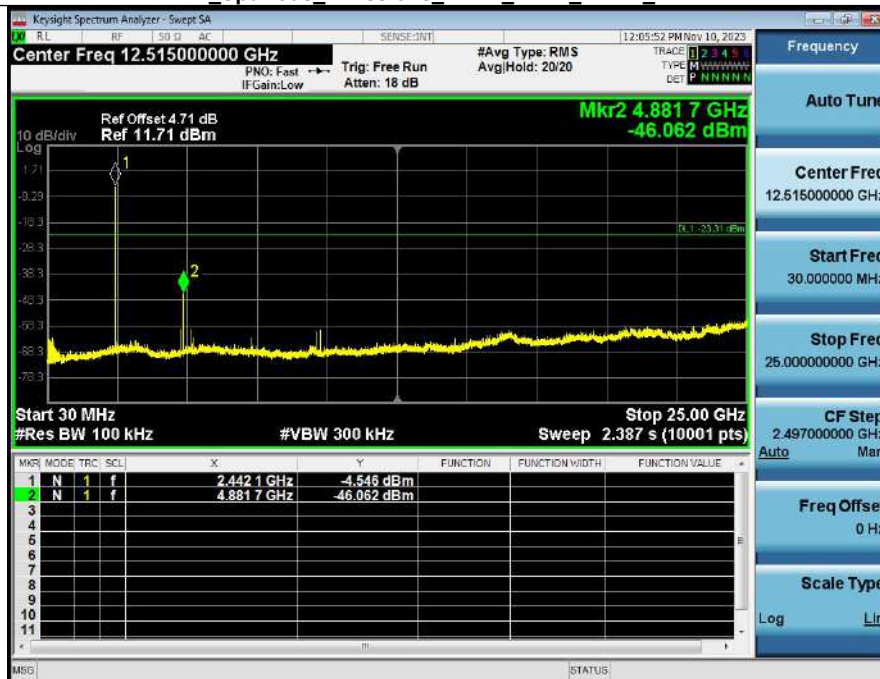
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-39.194	-22.610	Pass
NVNT	ANT1	1-DH1	2441.00	-46.062	-23.307	Pass
NVNT	ANT1	1-DH1	2480.00	-44.645	-23.942	Pass
NVNT	ANT1	2-DH1	2402.00	-37.733	-22.671	Pass
NVNT	ANT1	2-DH1	2441.00	-42.655	-23.356	Pass
NVNT	ANT1	2-DH1	2480.00	-46.414	-24.068	Pass
NVNT	ANT1	3-DH1	2402.00	-43.750	-22.550	Pass
NVNT	ANT1	3-DH1	2441.00	-36.790	-23.208	Pass
NVNT	ANT1	3-DH1	2480.00	-44.649	-23.993	Pass



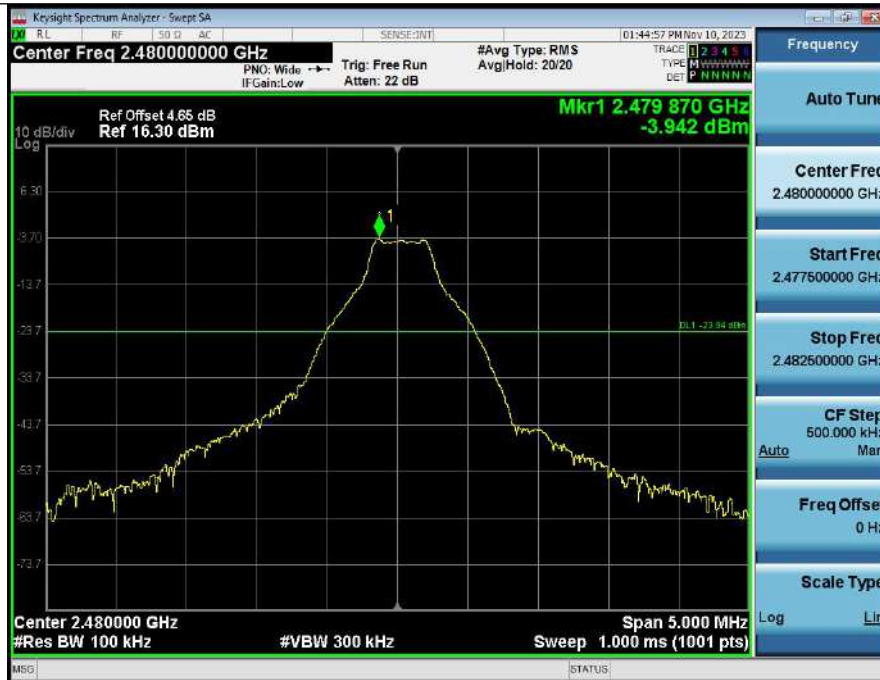
1 Reference Level NVNT ANT1 1-DH1 2441



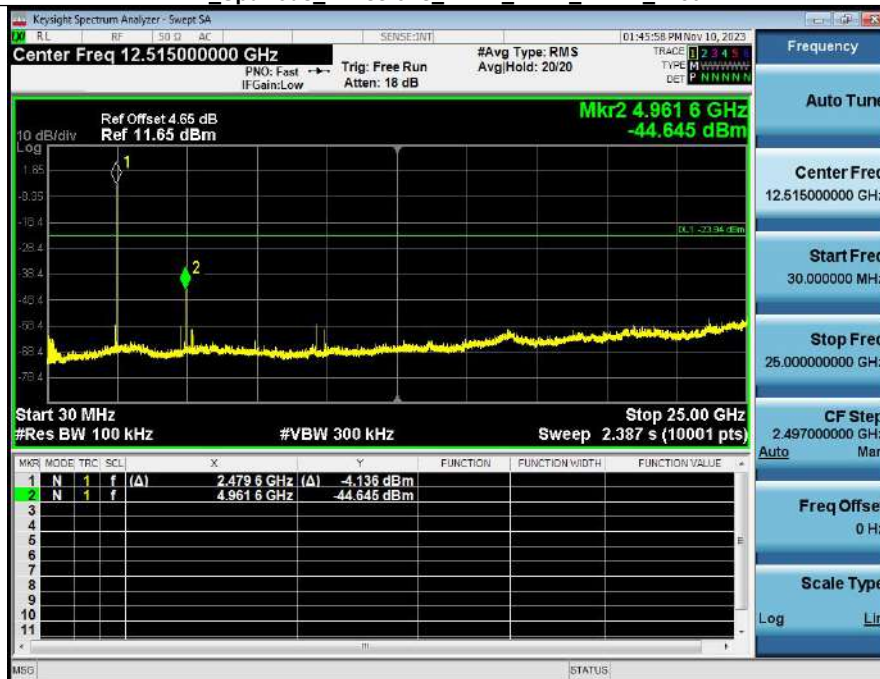
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2441



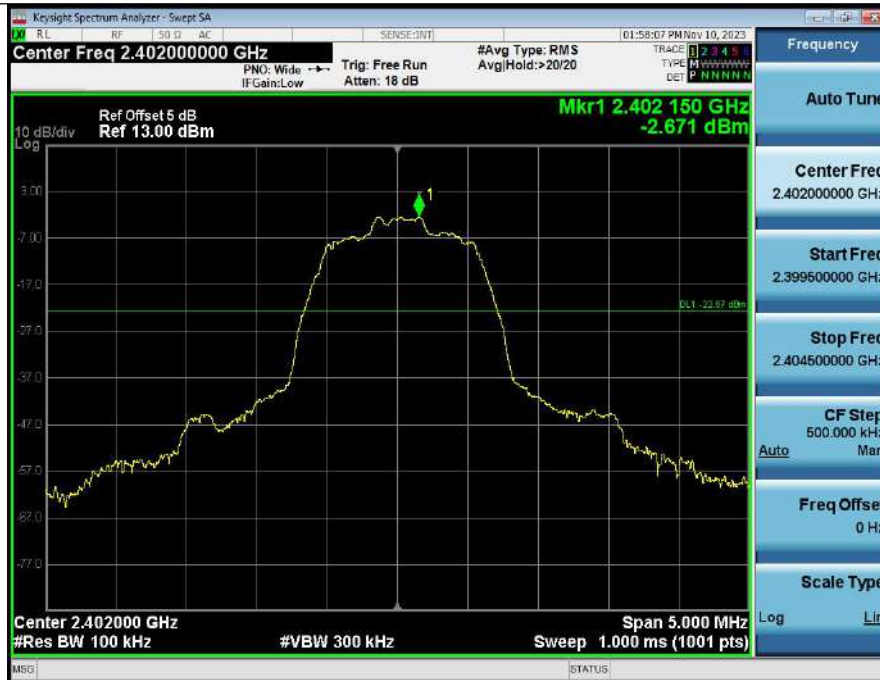
1_Reference_Level_NVNT_ANT1_1-DH1_2480



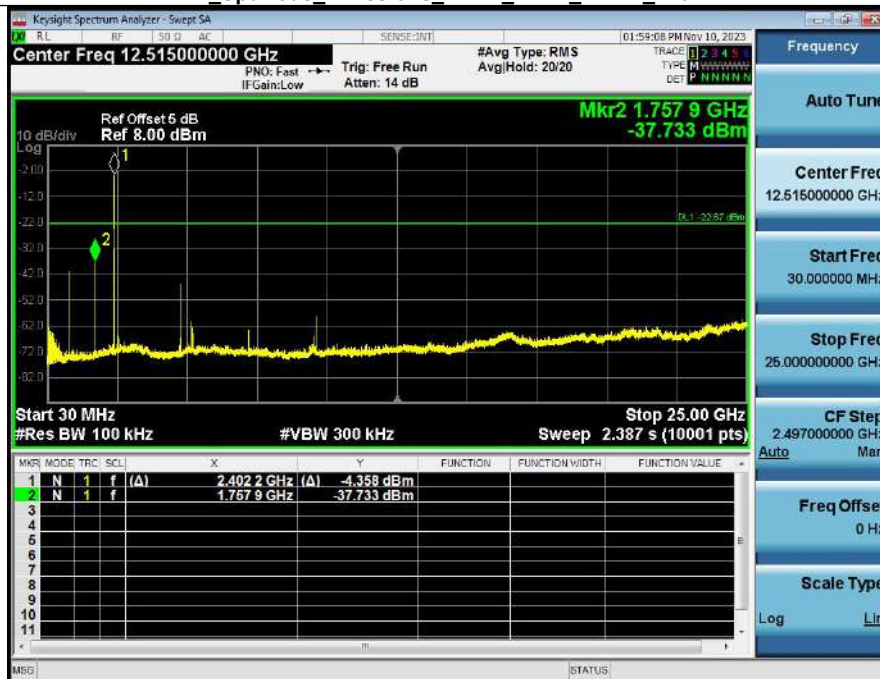
2_Spurious_Emissions_NVNT_ANT1_1-DH1_2480



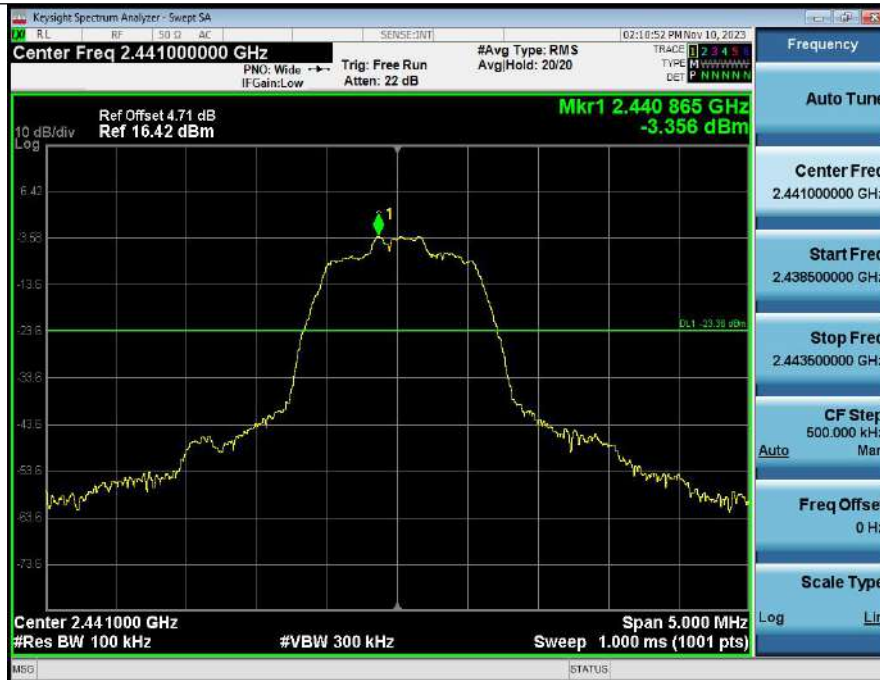
1_Reference_Level_NVNT_ANT1_2-DH1_2402



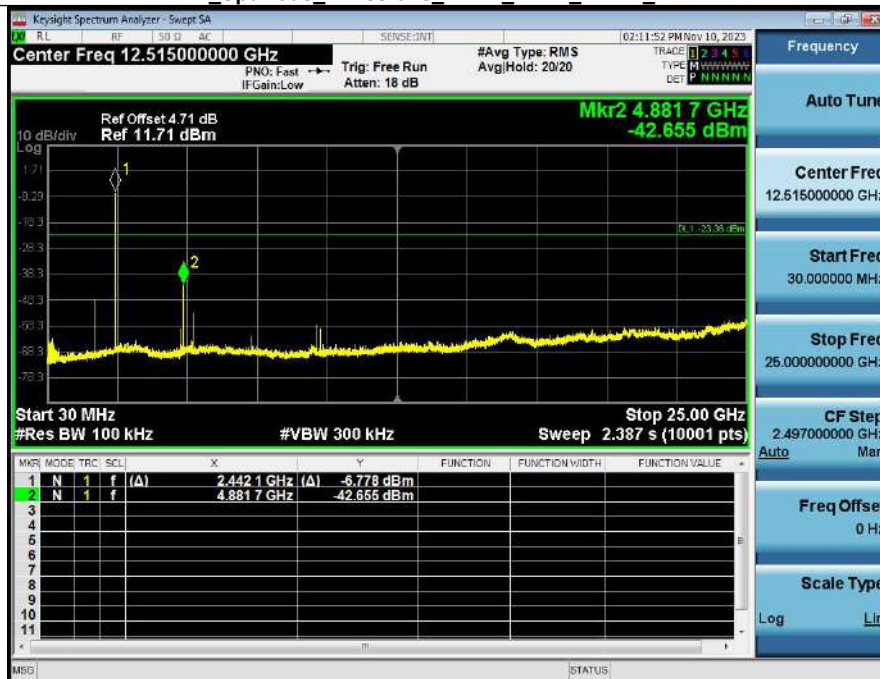
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2402



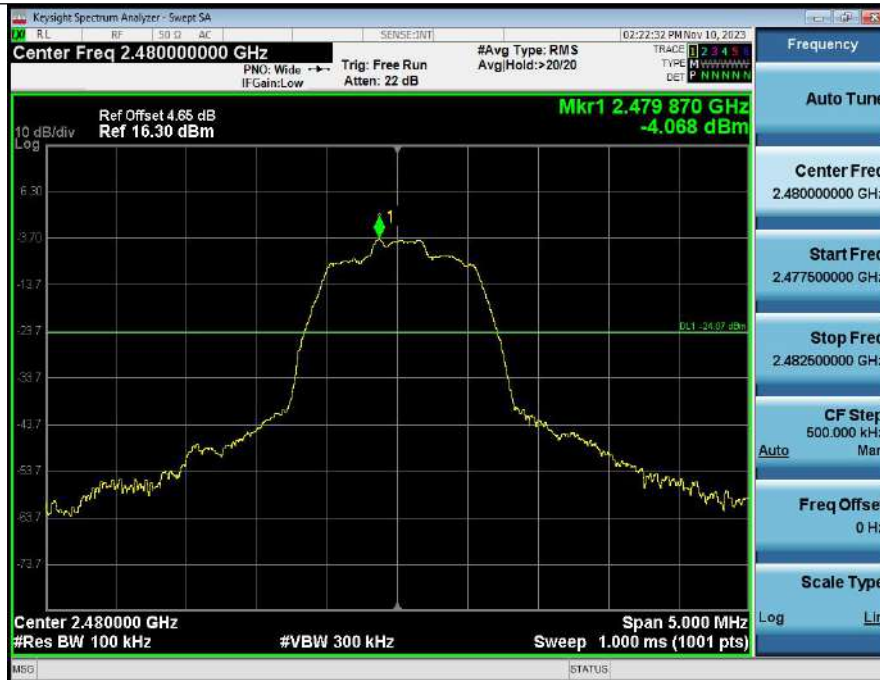
1_Reference_Level_NVNT_ANT1_2-DH1_2441



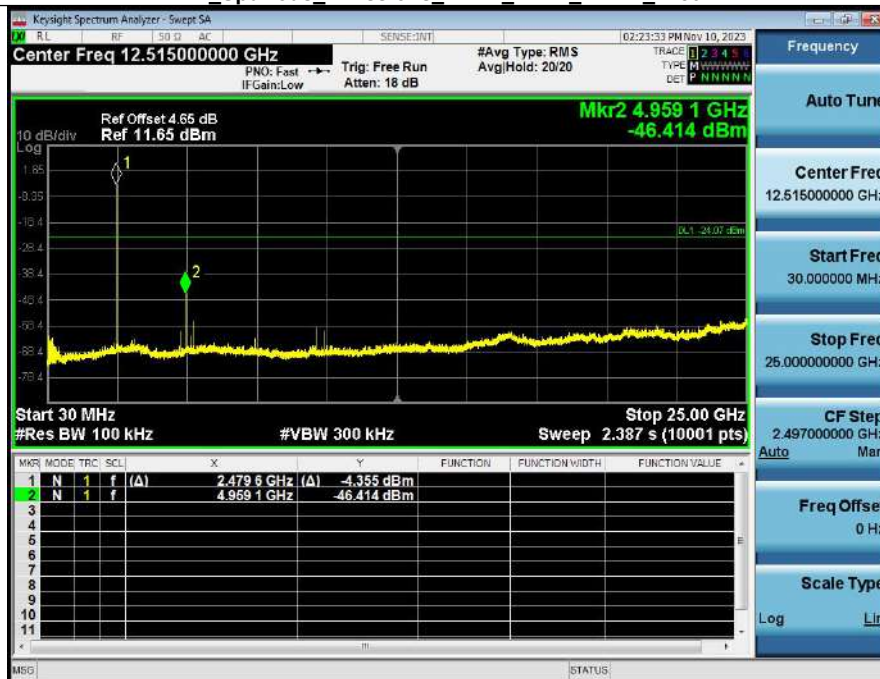
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441



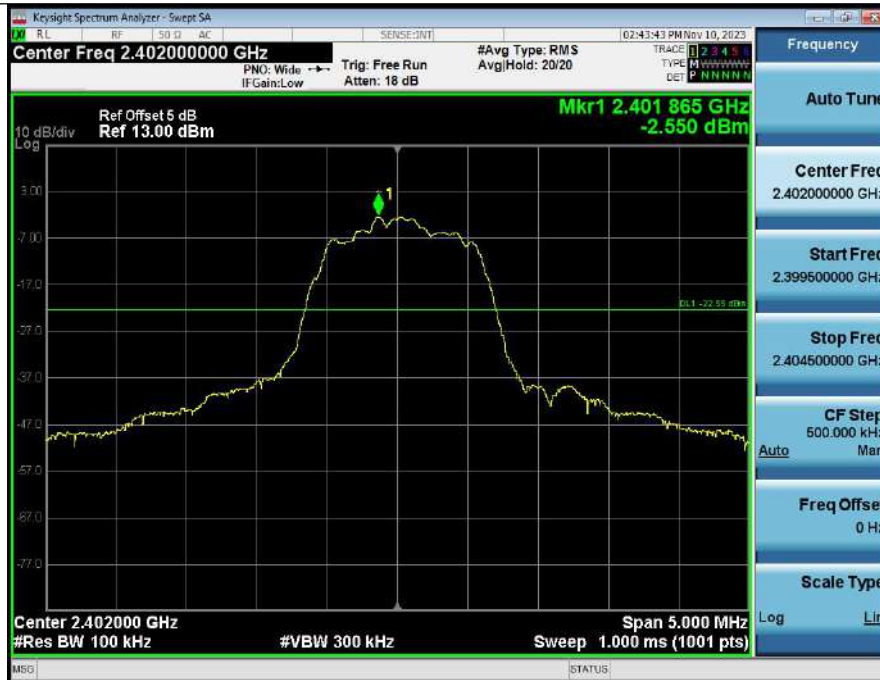
1_Reference_Level_NVNT_ANT1_2-DH1_2480



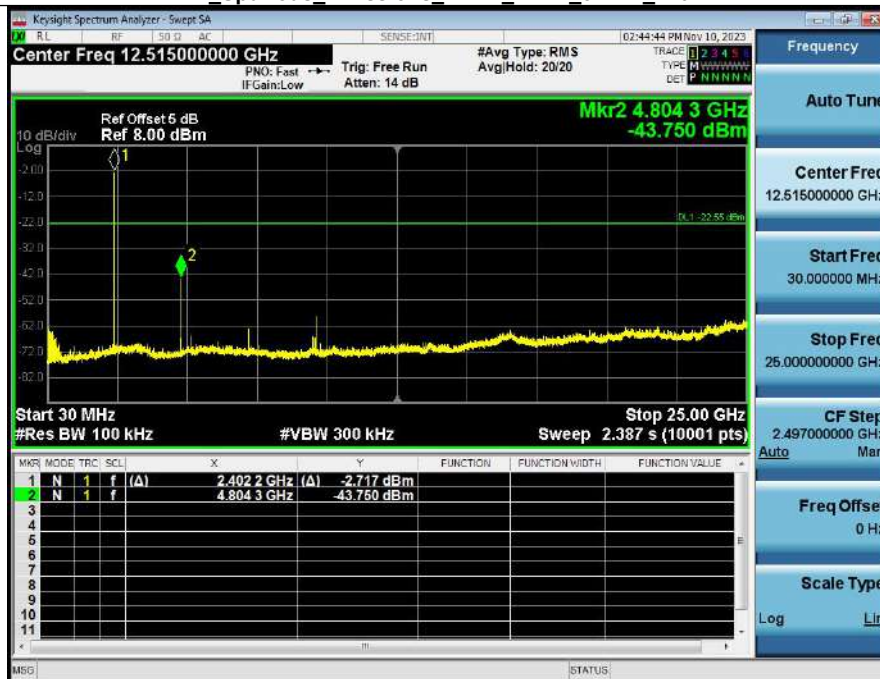
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480



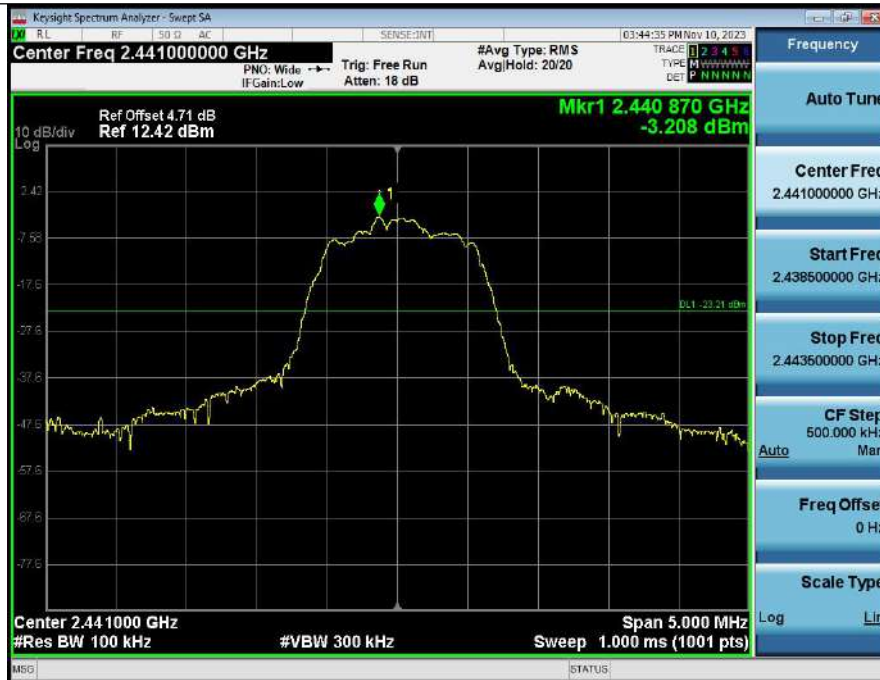
1_Reference_Level_NVNT_ANT1_3-DH1_2402



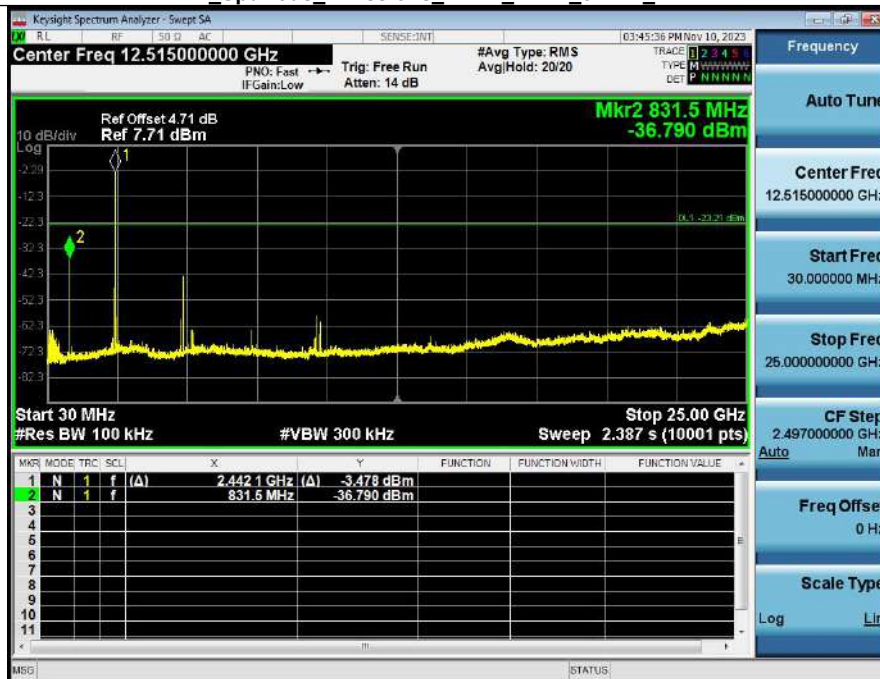
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2402



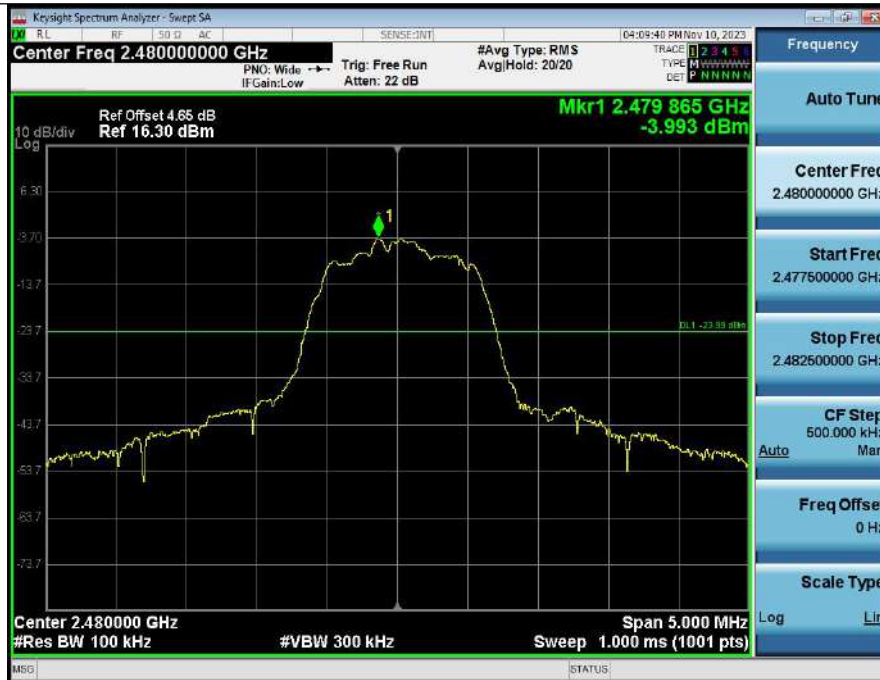
1_Reference_Level_NVNT_ANT1_3-DH1_2441



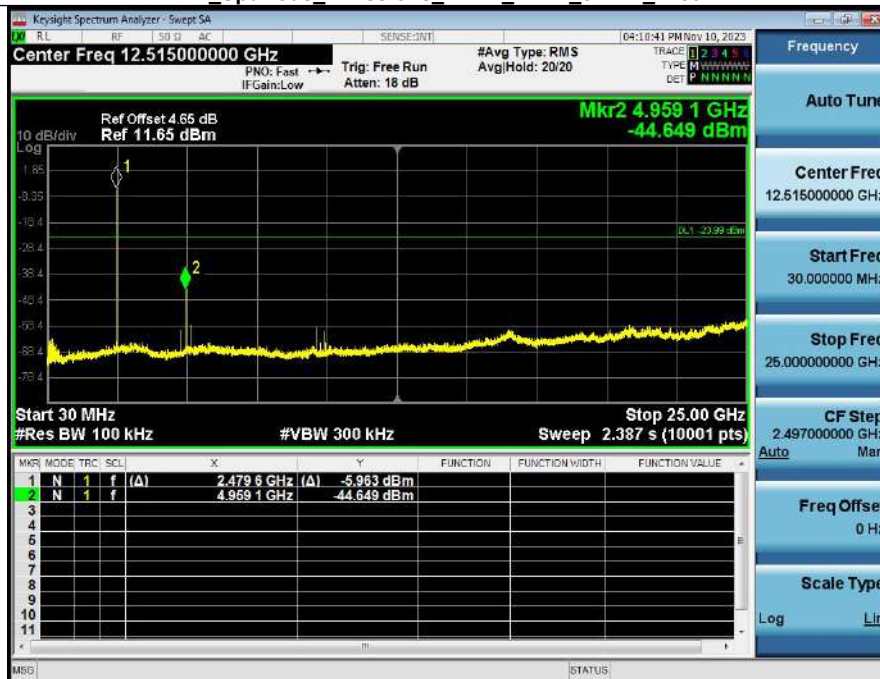
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2441



1_Reference_Level_NVNT_ANT1_3-DH1_2480



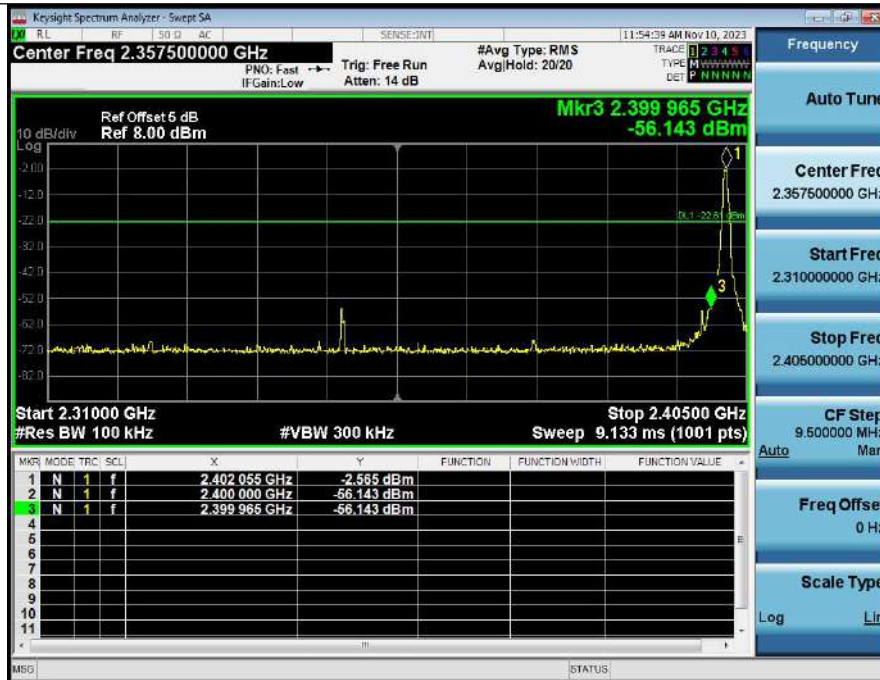
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2480



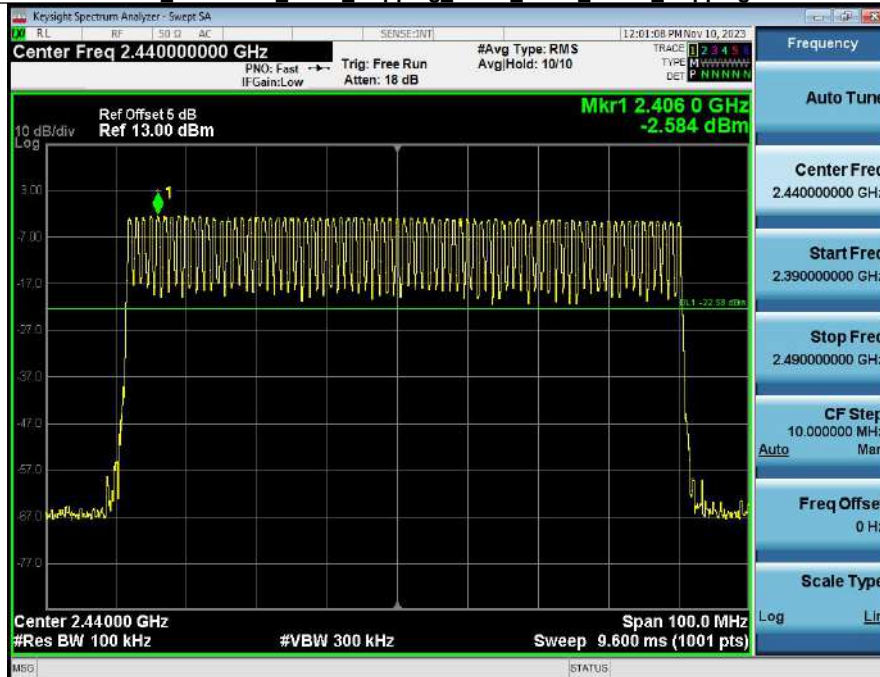
5. Bandedge

Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-56.143	-22.610	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-56.127	-22.584	Pass
NVNT	ANT1	1-DH1	2480.00	-63.262	-23.942	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-50.850	-21.724	Pass
NVNT	ANT1	2-DH1	2402.00	-55.512	-22.671	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-55.687	-22.419	Pass
NVNT	ANT1	2-DH1	2480.00	-64.850	-24.068	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-61.168	-22.804	Pass
NVNT	ANT1	3-DH1	2402.00	-48.327	-22.550	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-50.439	-22.460	Pass
NVNT	ANT1	3-DH1	2480.00	-56.026	-23.993	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-56.820	-22.797	Pass

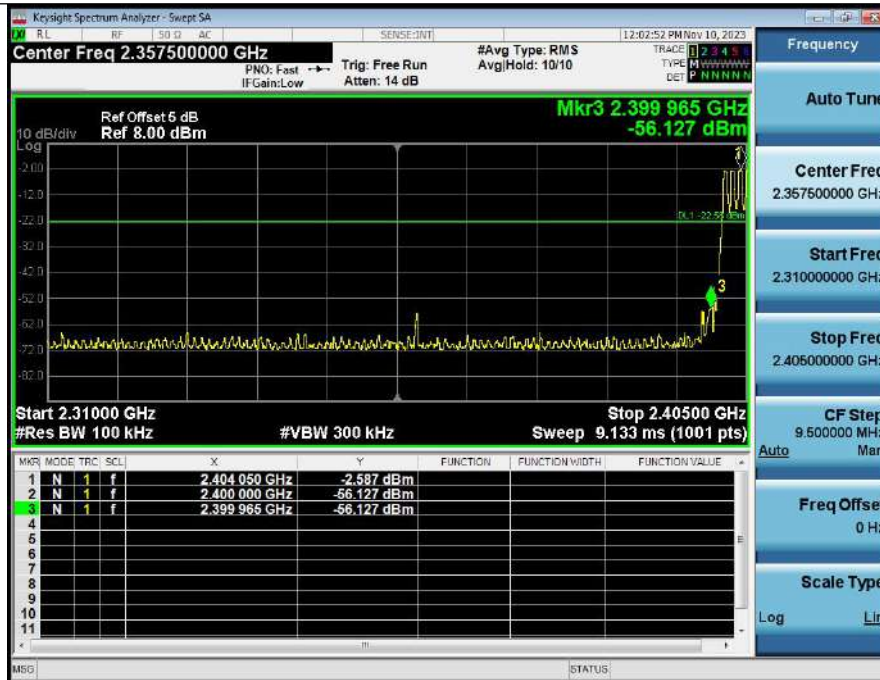




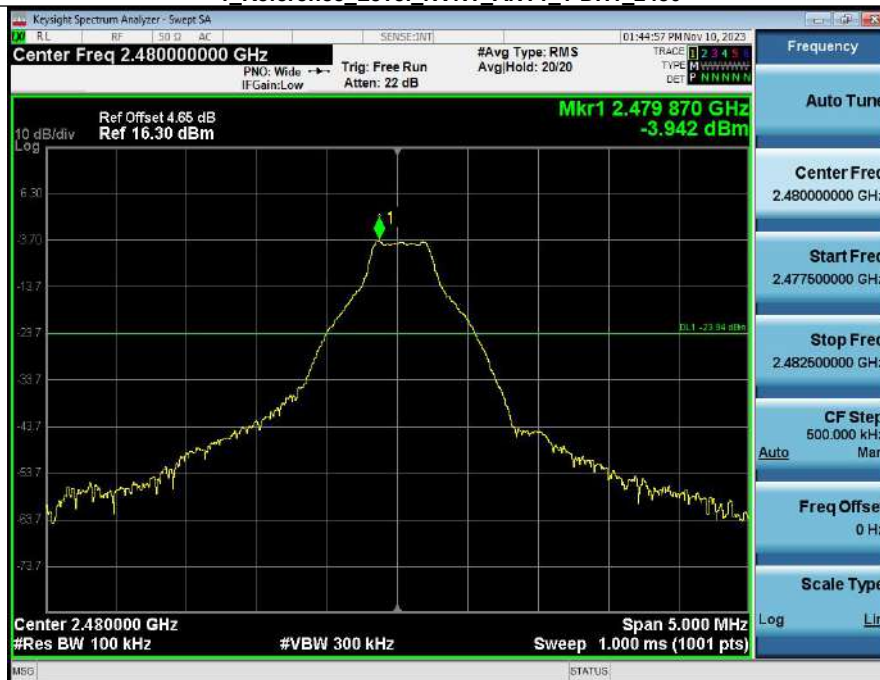
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



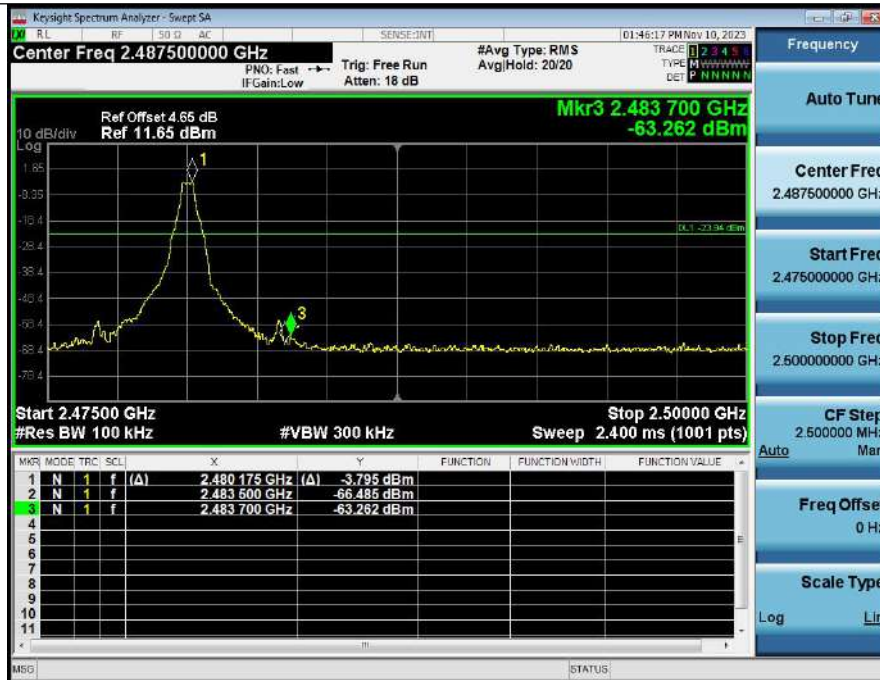
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



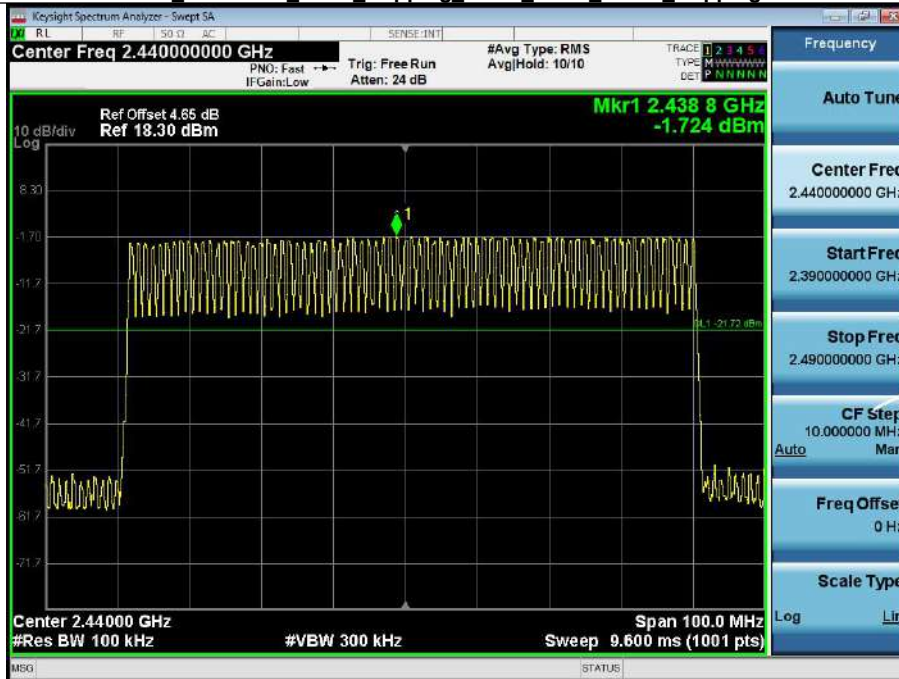
1 Reference_Level_NVNT_ANT1_1-DH1_2480



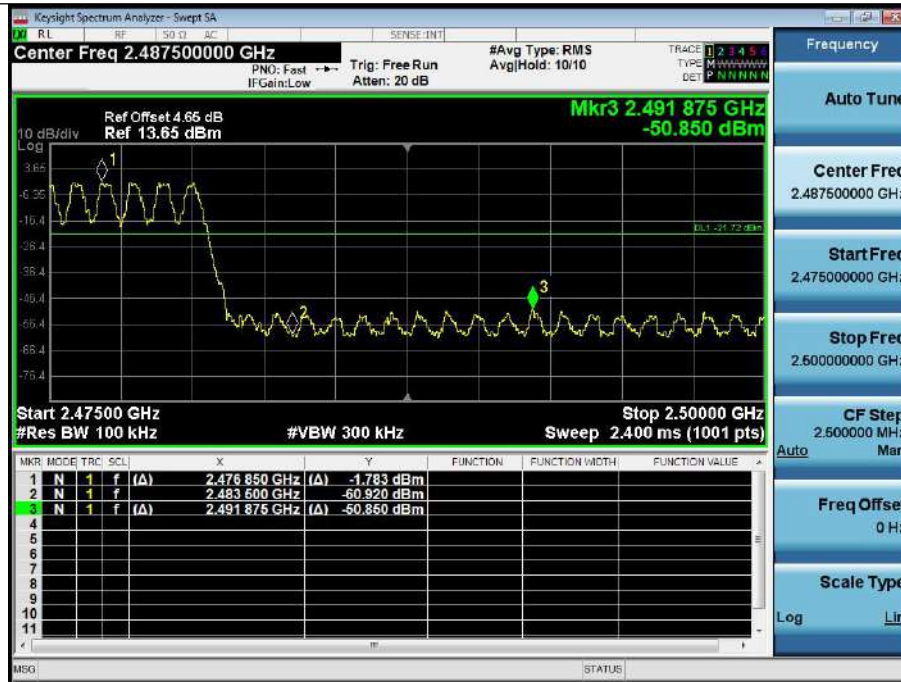
2_Bandedge_NVNT_ANT1_1-DH1_2480



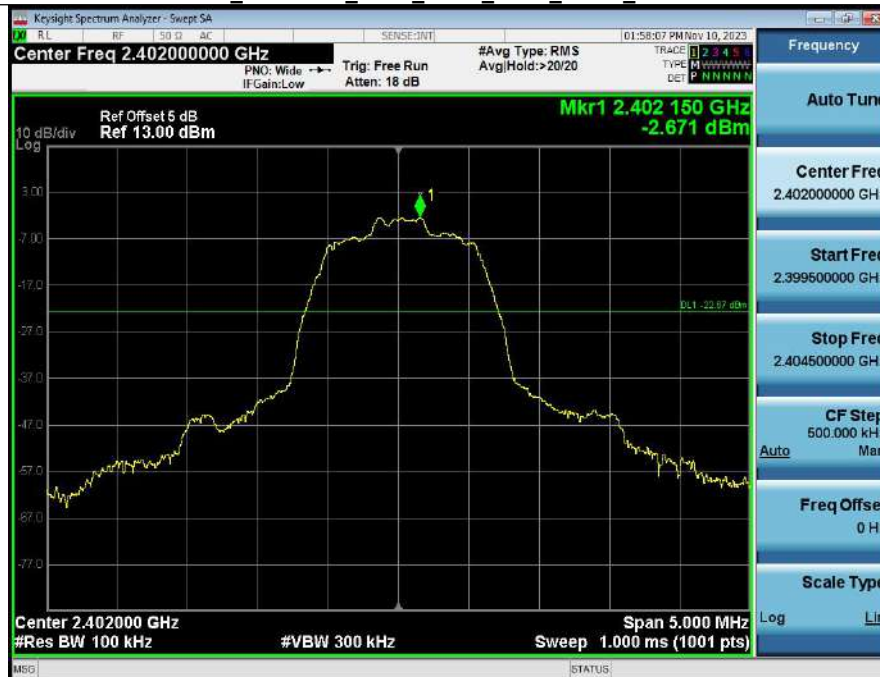
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



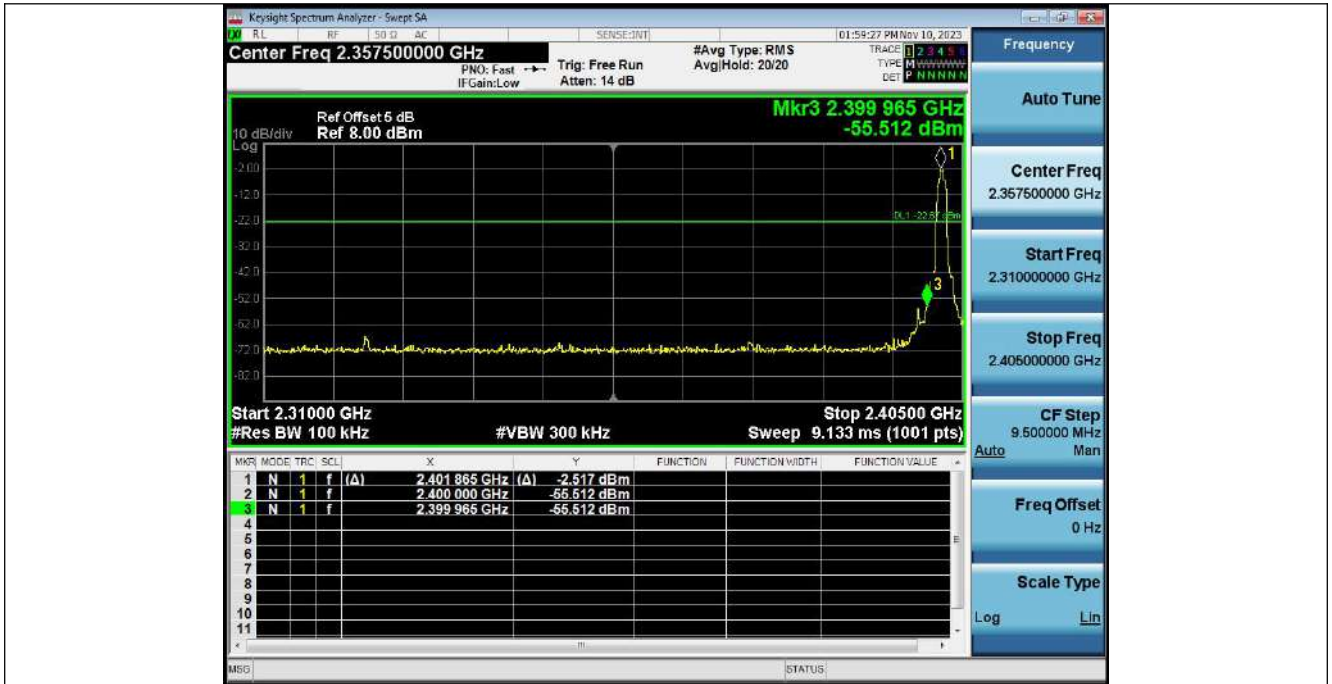
2_Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



1_Reference_Level_NVNT_ANT1_2-DH1_2402



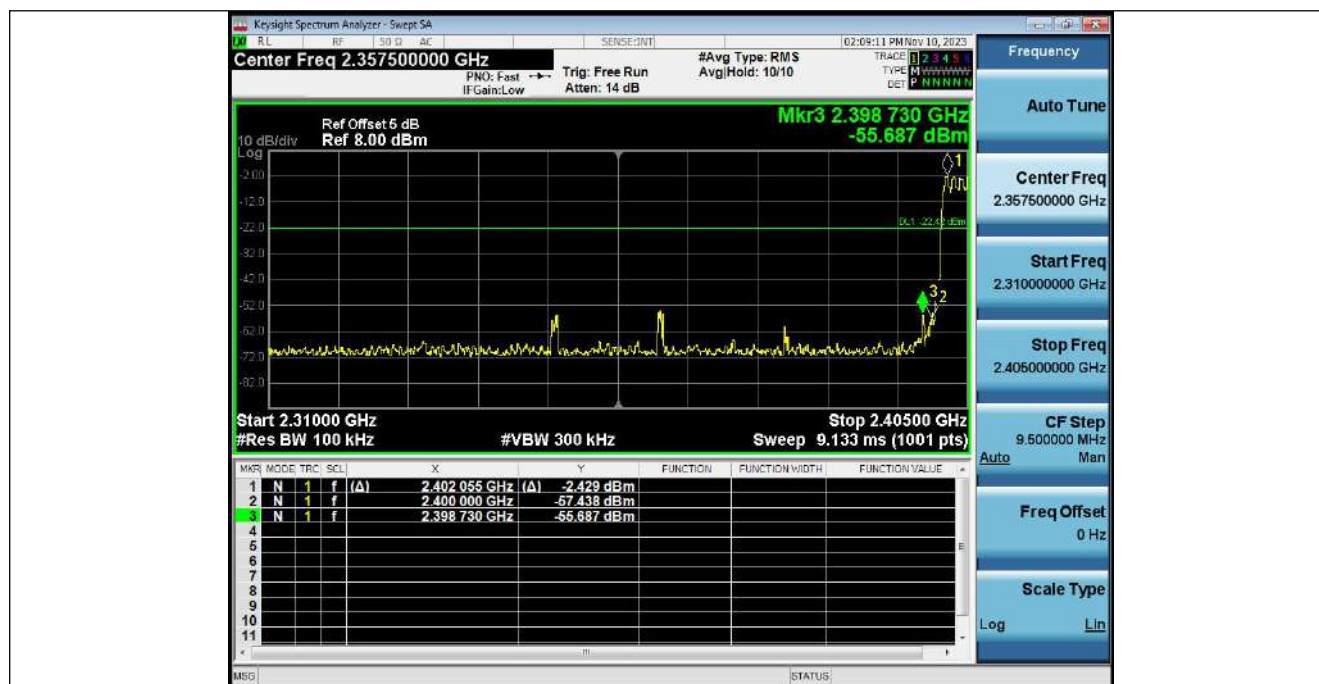
2_Bandedge_NVNT_ANT1_2-DH1_2402



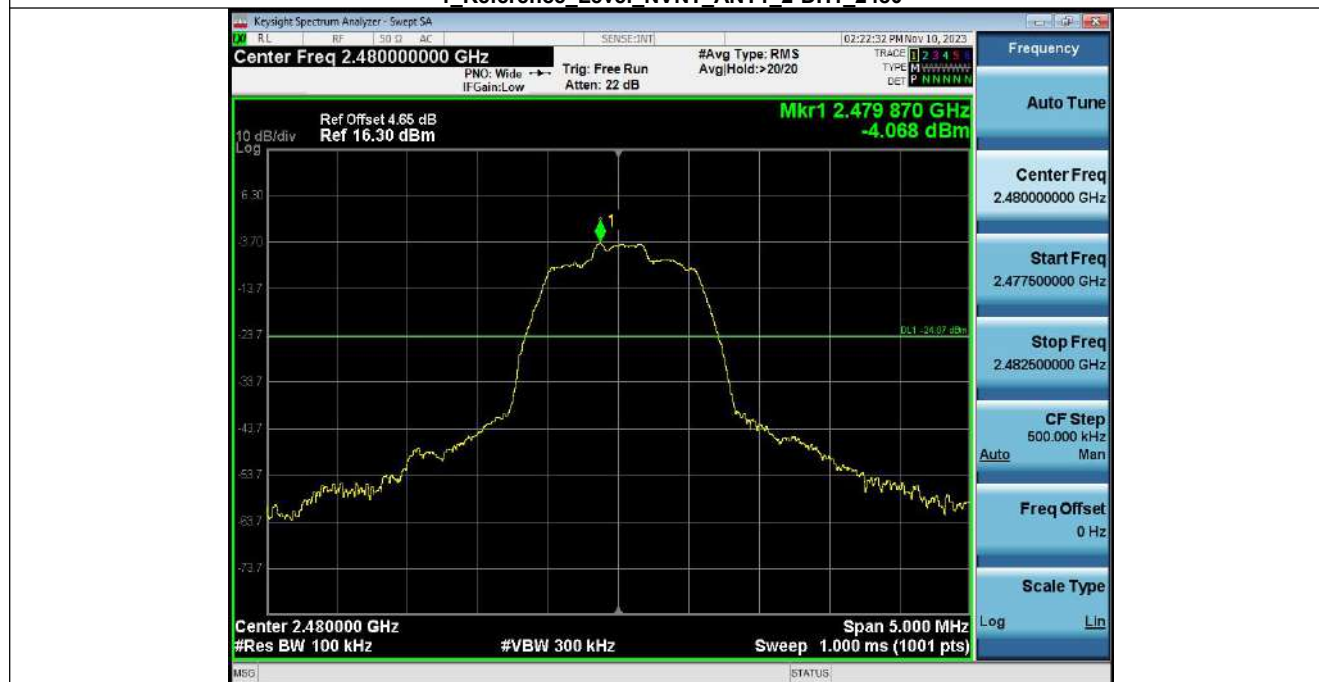
1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



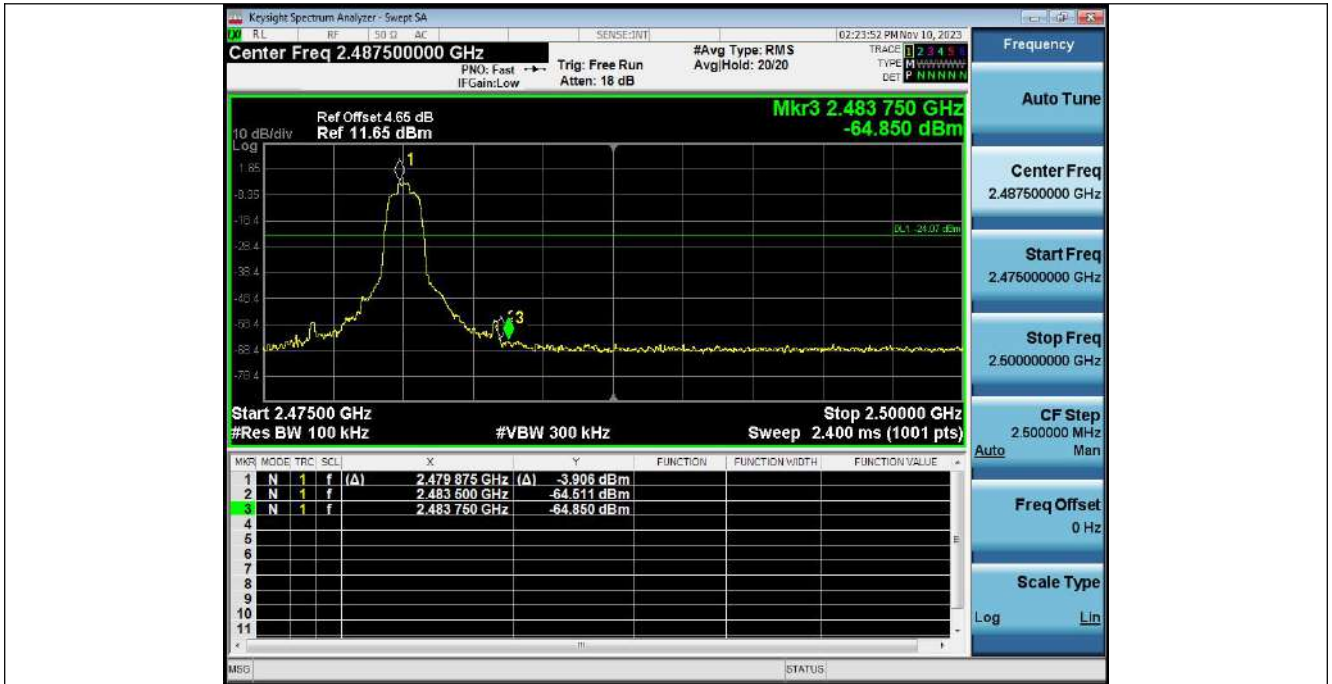
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



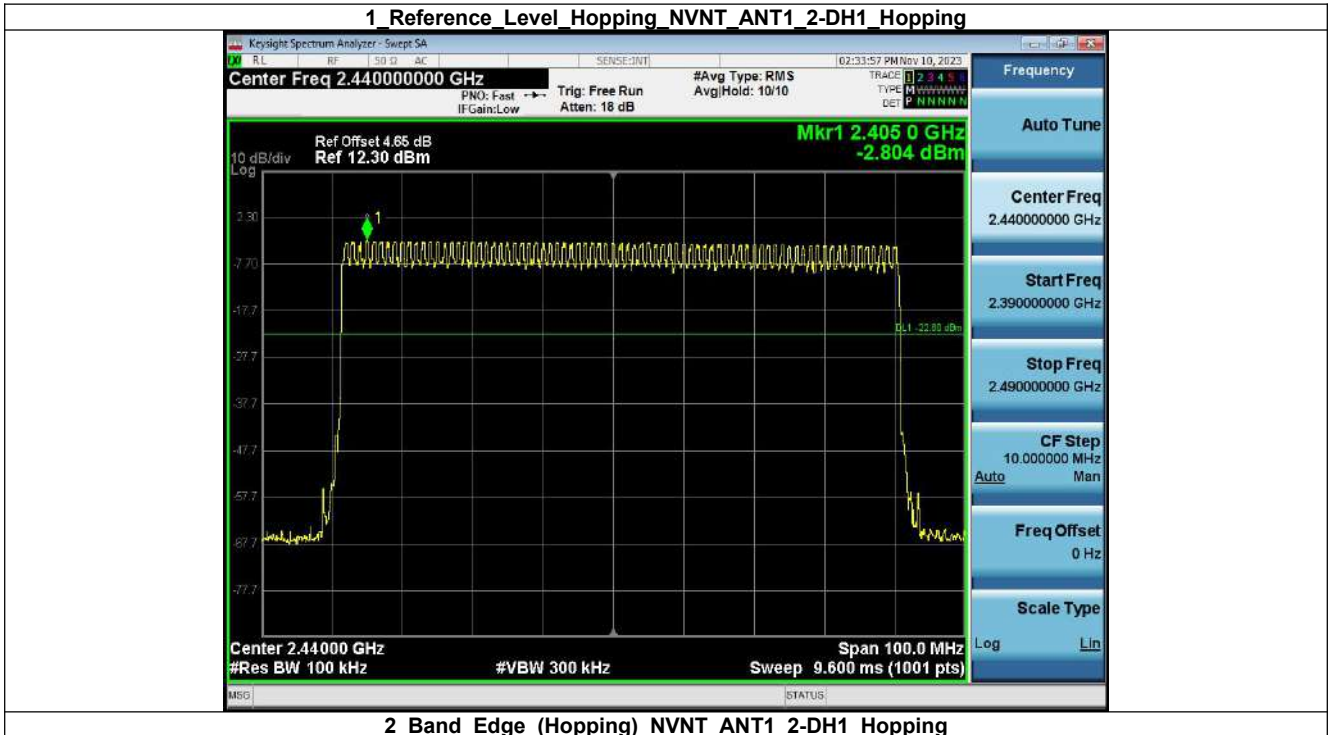
1 Reference_Level_NVNT_ANT1_2-DH1_2480



2_Bandedge_NVNT_ANT1_2-DH1_2480



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



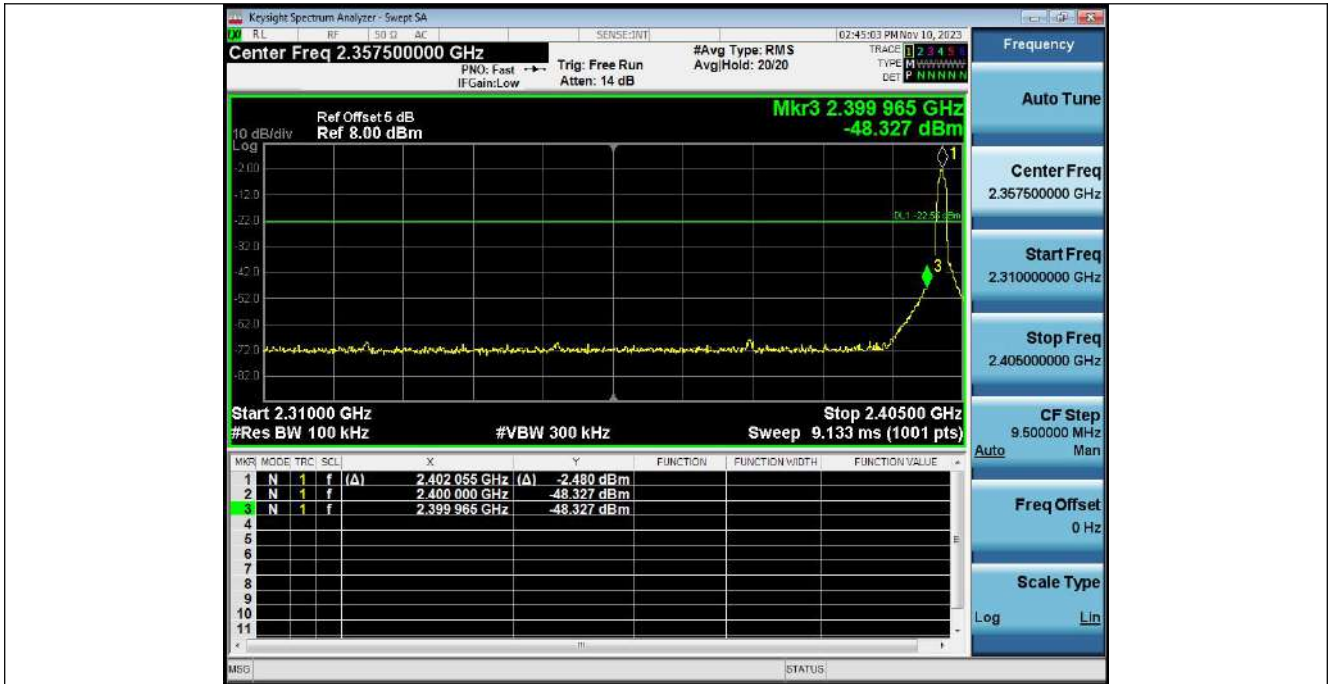
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



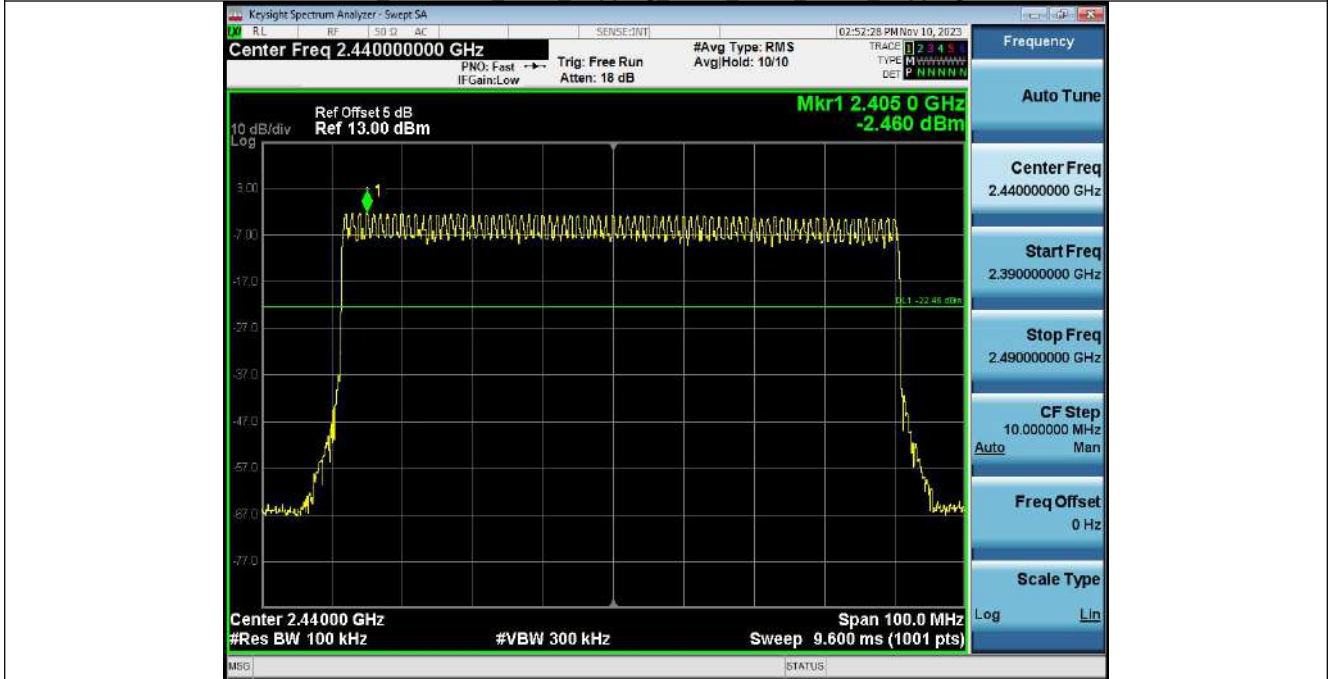
1 Reference_Level_NVNT_ANT1_3-DH1_2402



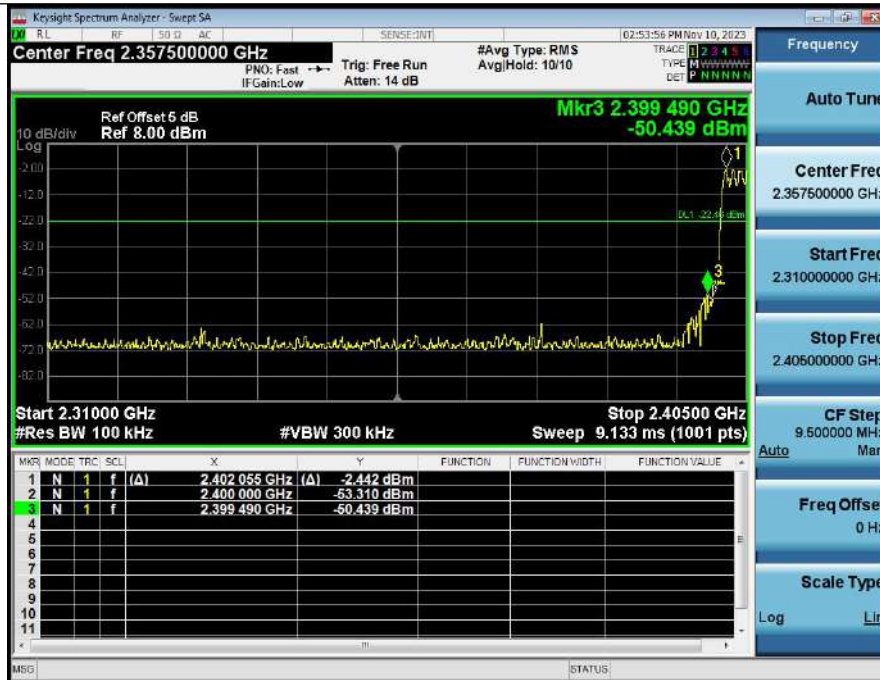
2_Bandedge_NVNT_ANT1_3-DH1_2402



1 Reference_Level_Hopping_NVNT_ANT1_3-DH1_Hopping



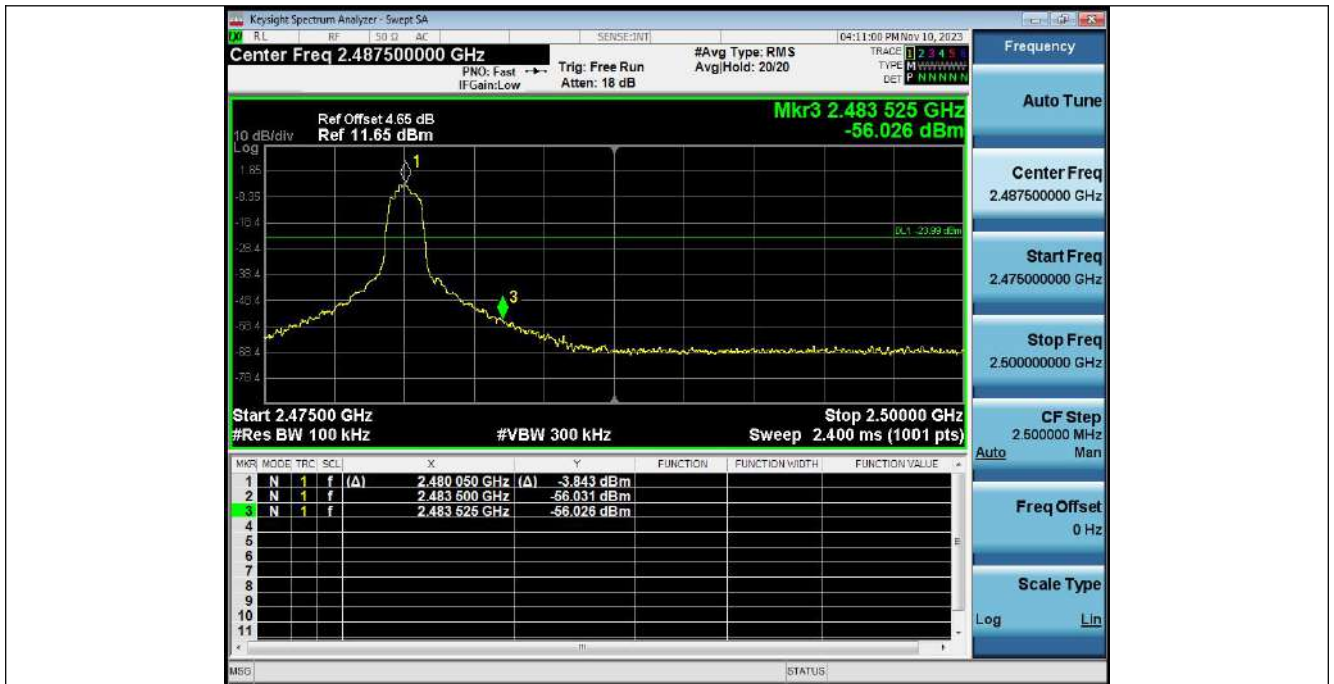
2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



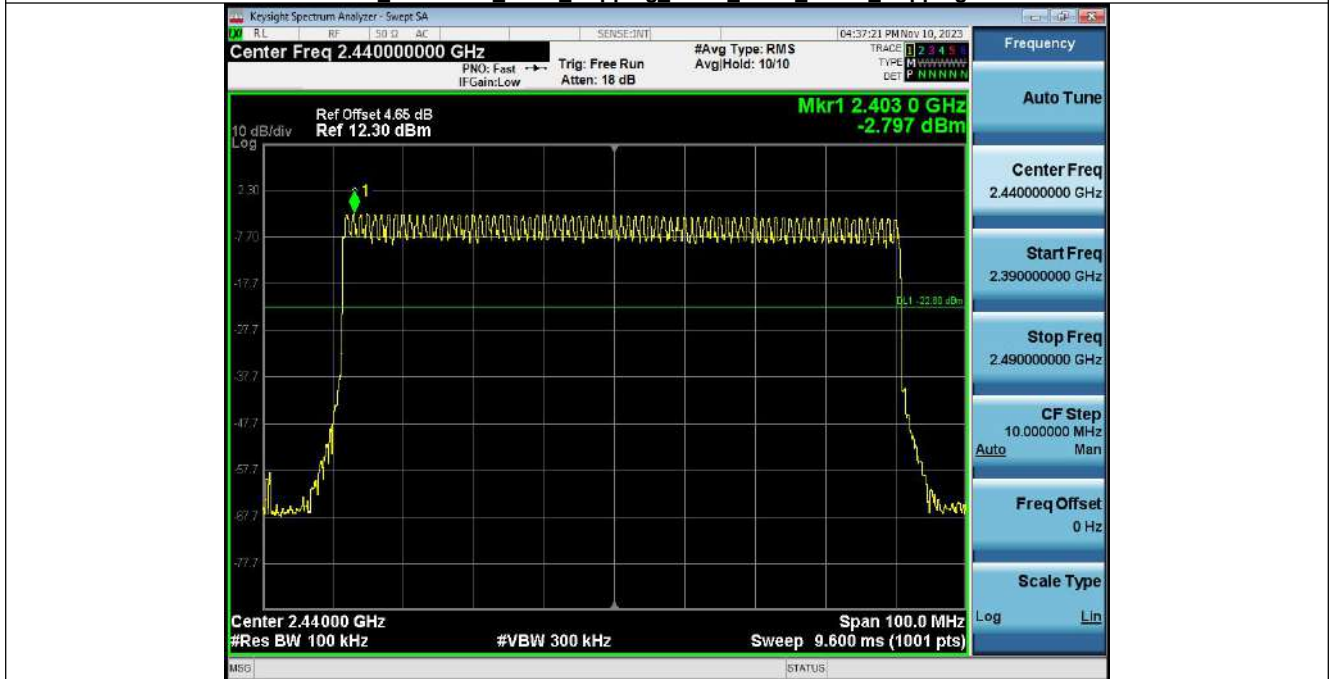
1 Reference_Level_NVNT_ANT1_3-DH1_2480



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	2401.873	2402.866	0.99	0.896	Pass
NVNT	ANT1	1-DH1	2441.00	2440.867	2441.866	1.00	0.898	Pass
NVNT	ANT1	1-DH1	2480.00	2478.867	2479.866	1.00	0.897	Pass
NVNT	ANT1	2-DH1	2402.00	2401.867	2402.866	1.00	0.866	Pass
NVNT	ANT1	2-DH1	2441.00	2440.867	2441.866	1.00	0.853	Pass
NVNT	ANT1	2-DH1	2480.00	2479.149	2480.154	1.00	0.868	Pass
NVNT	ANT1	3-DH1	2402.00	2401.870	2402.866	1.00	0.833	Pass
NVNT	ANT1	3-DH1	2441.00	2440.867	2441.860	0.99	0.837	Pass
NVNT	ANT1	3-DH1	2480.00	2478.867	2479.872	1.00	0.837	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

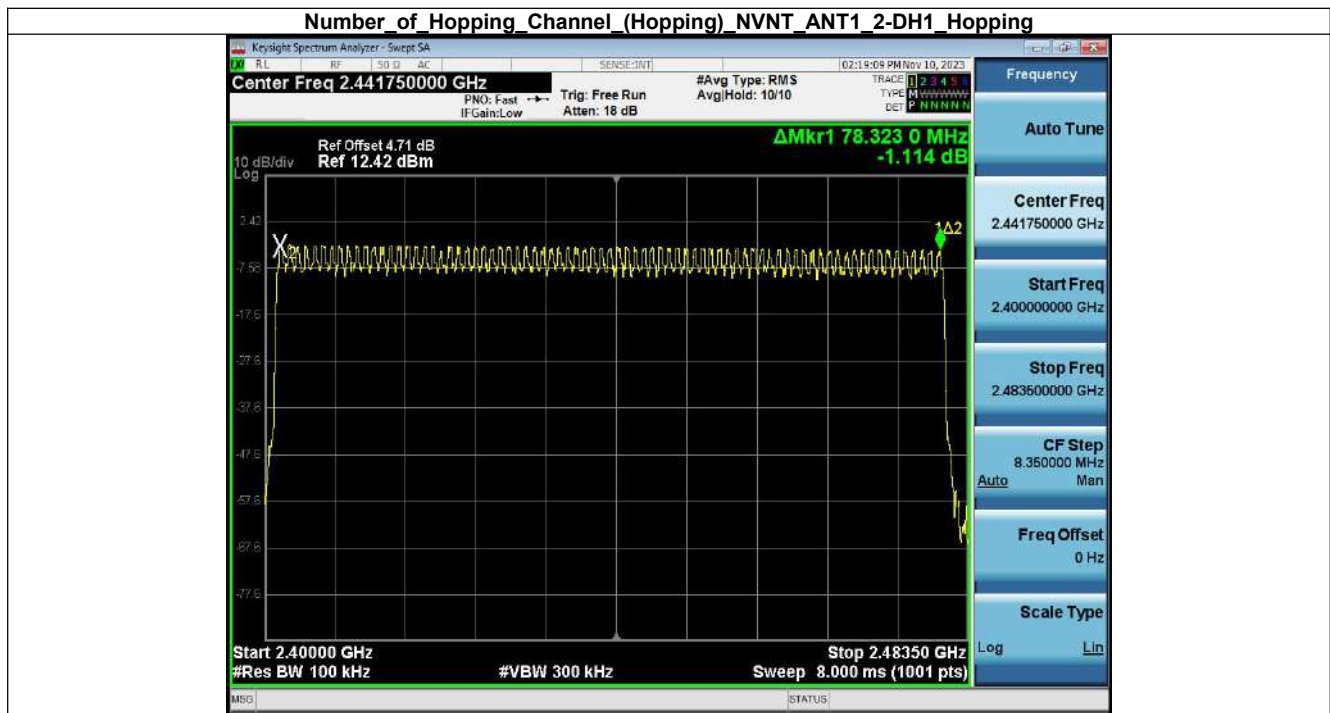
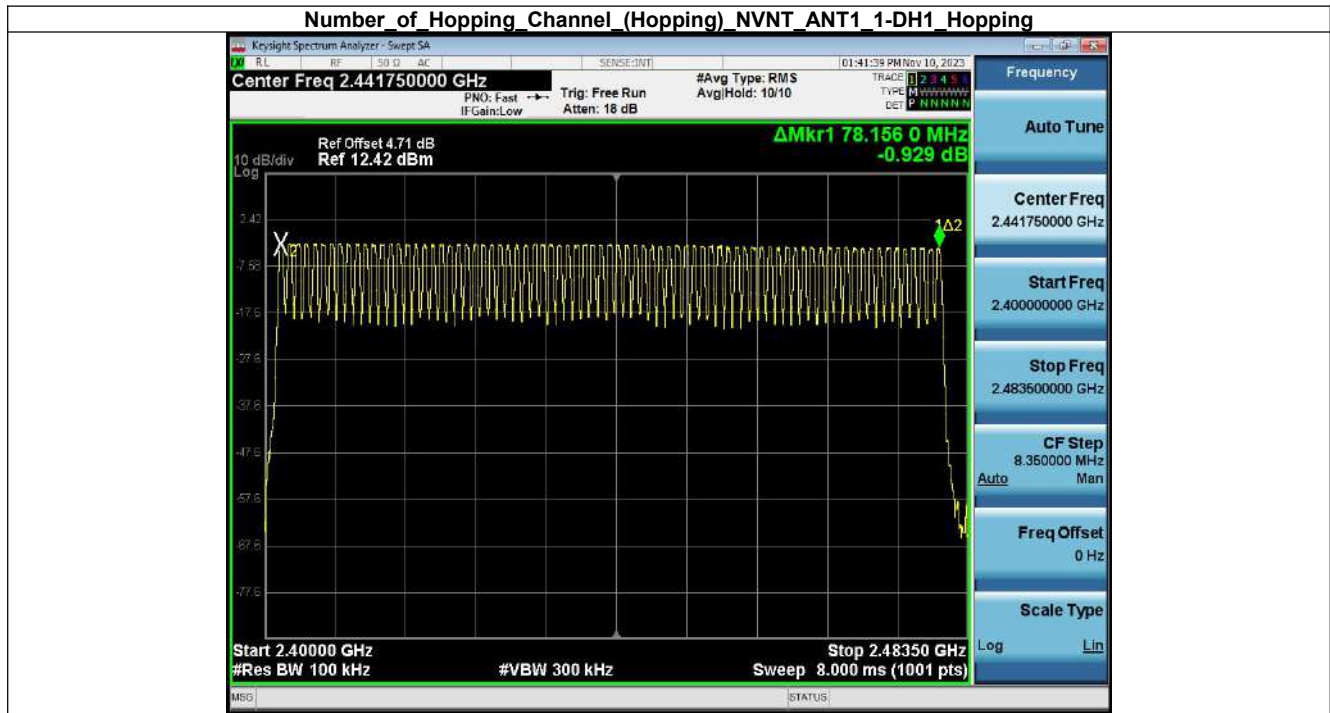


Carrier Frequencies Separation (Hopping) NVNT ANT1 3-DH1 Hopping



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

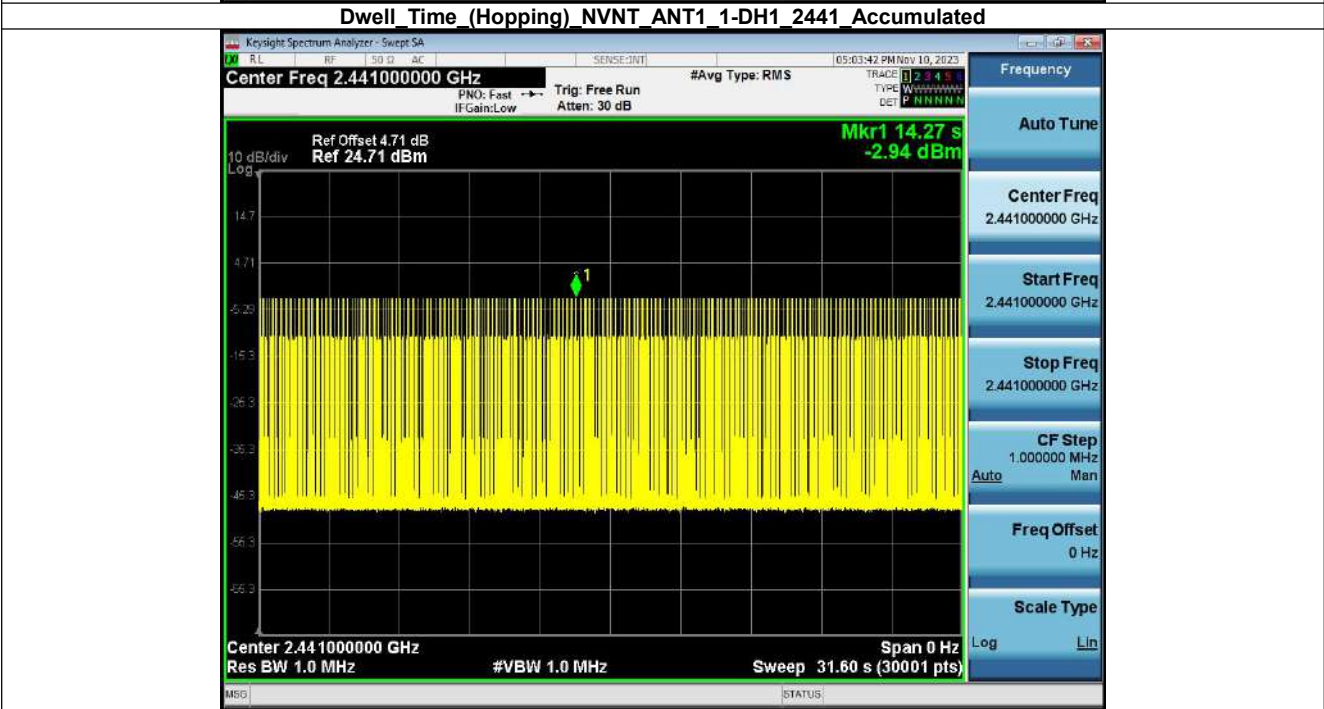
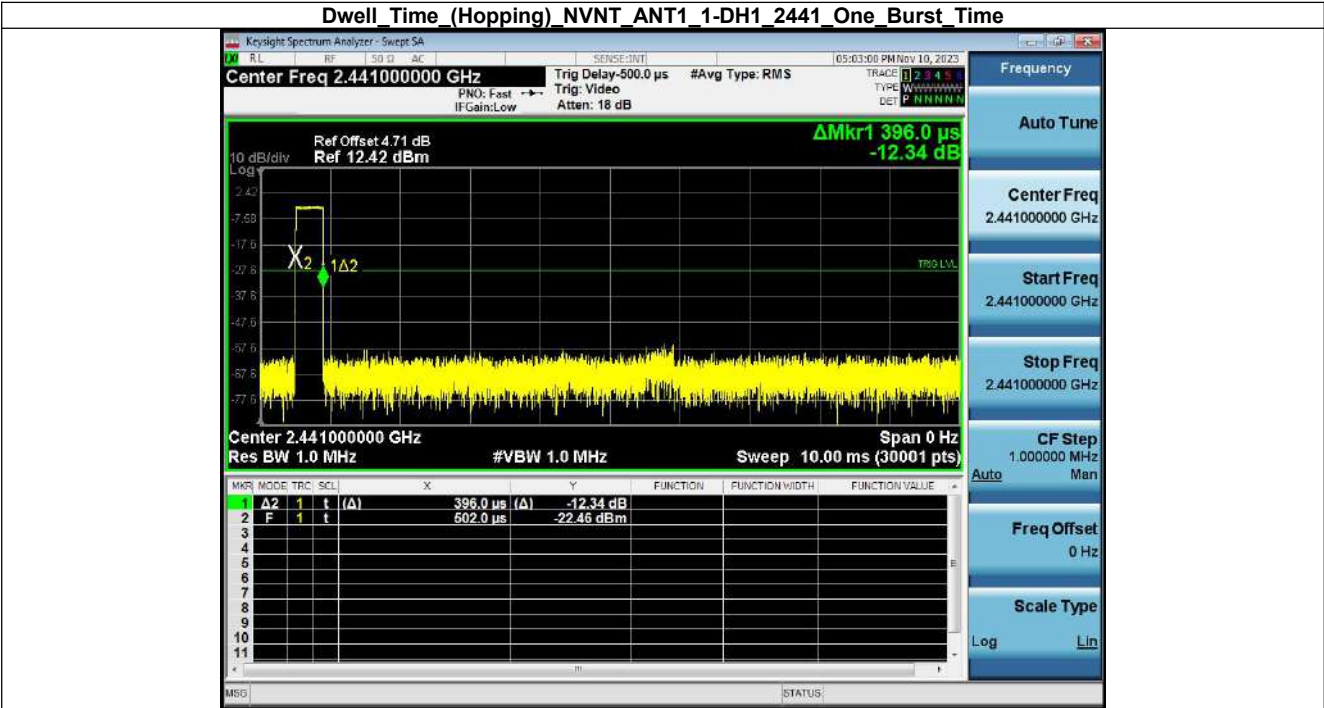


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

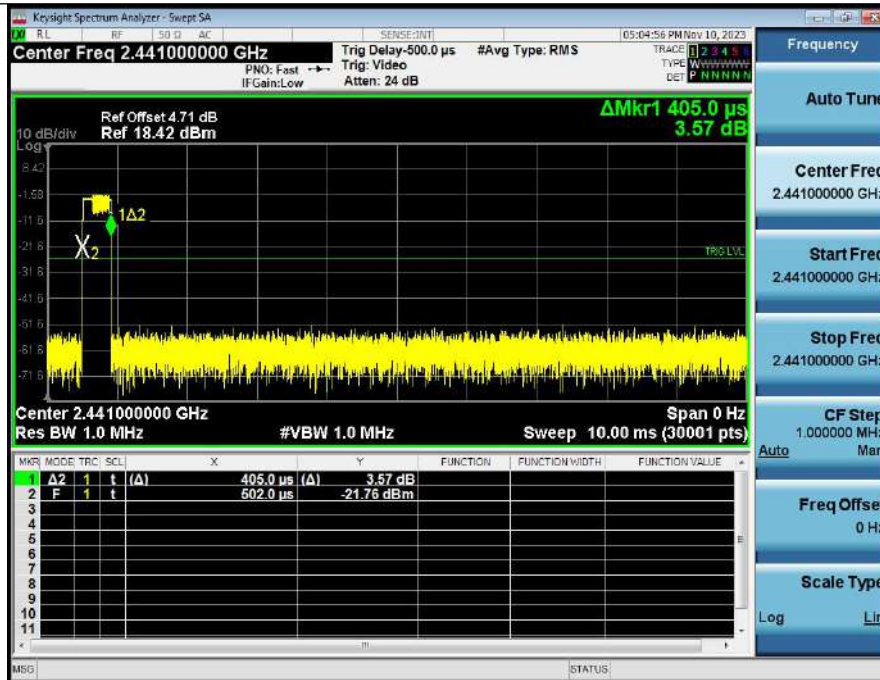


8. Dwell Time (Hopping)

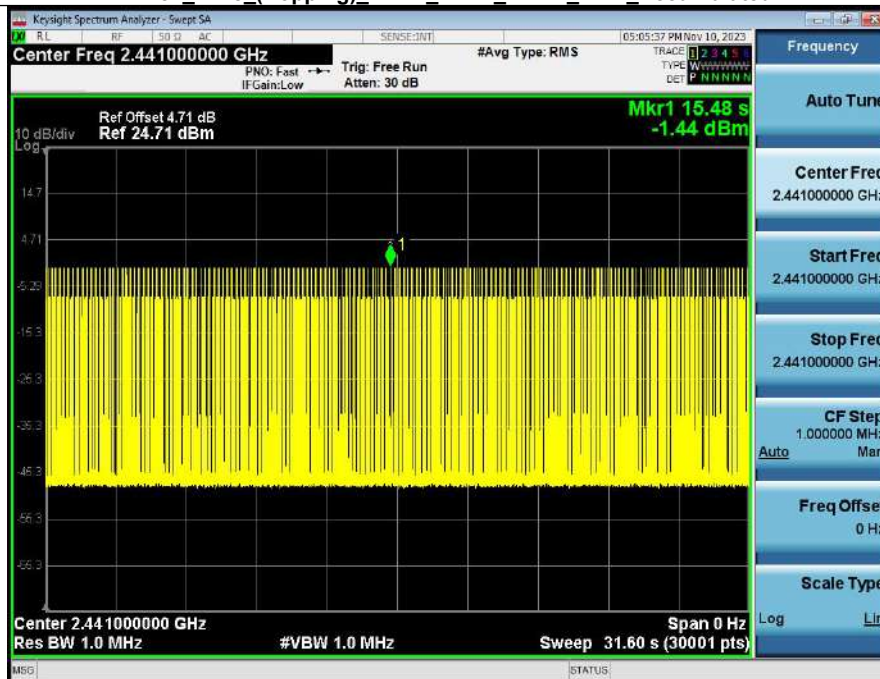
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.396	320.00	126.720	0.40	Pass
NVNT	ANT1	2-DH1	0.405	320.00	129.600	0.40	Pass
NVNT	ANT1	3-DH1	0.406	320.00	129.920	0.40	Pass
NVNT	ANT1	1-DH3	1.652	157.00	259.364	0.40	Pass
NVNT	ANT1	1-DH5	2.897	102.00	295.494	0.40	Pass
NVNT	ANT1	2-DH3	1.653	157.00	259.521	0.40	Pass
NVNT	ANT1	2-DH5	2.897	111.00	321.567	0.40	Pass
NVNT	ANT1	3-DH3	1.653	156.00	257.868	0.40	Pass
NVNT	ANT1	3-DH5	2.907	110.00	319.770	0.40	Pass



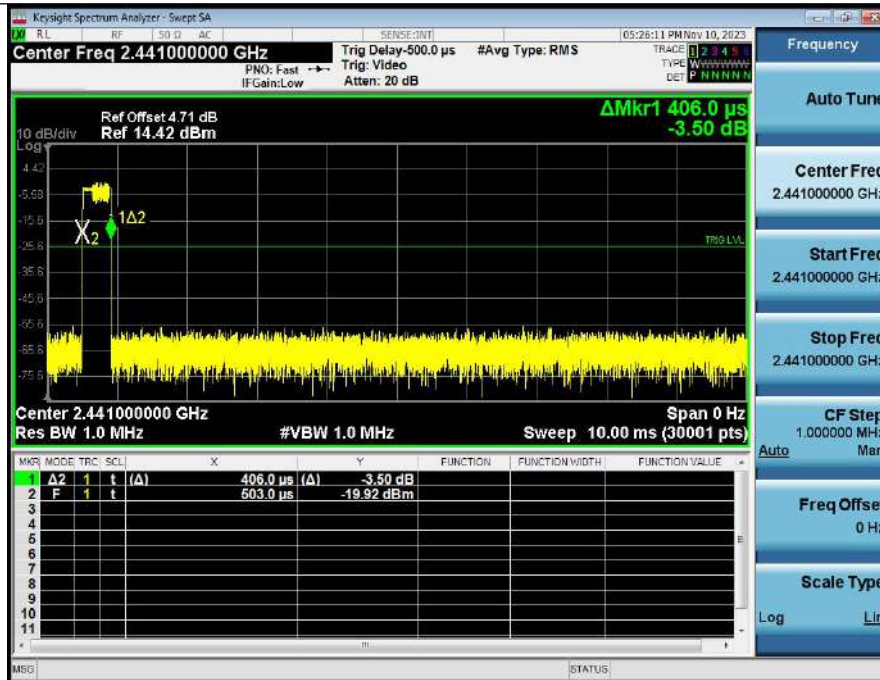
Dwell Time (Hopping) NVNT ANT1 2-DH1 2441 One Burst Time



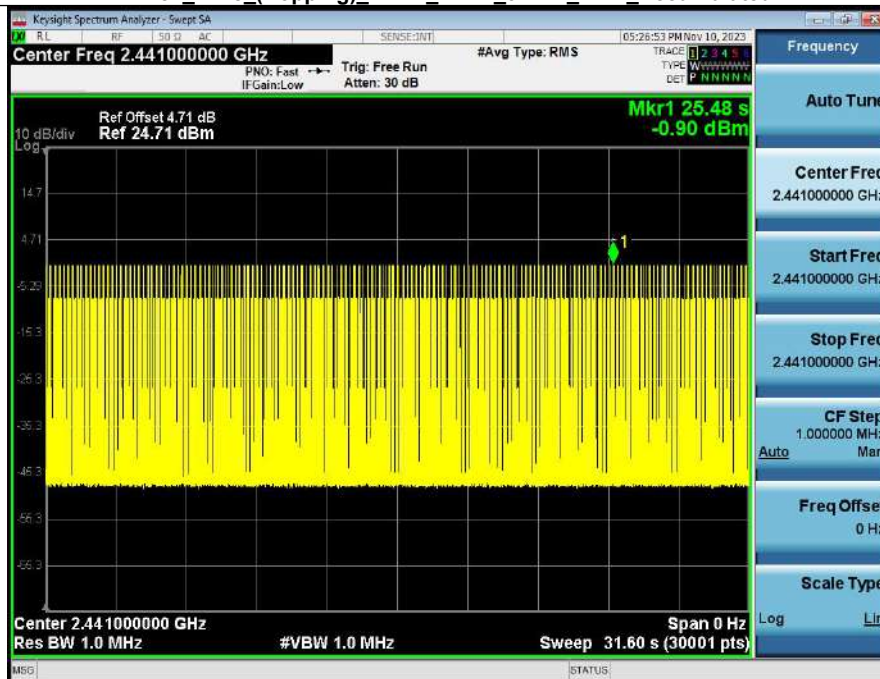
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_Accumulated



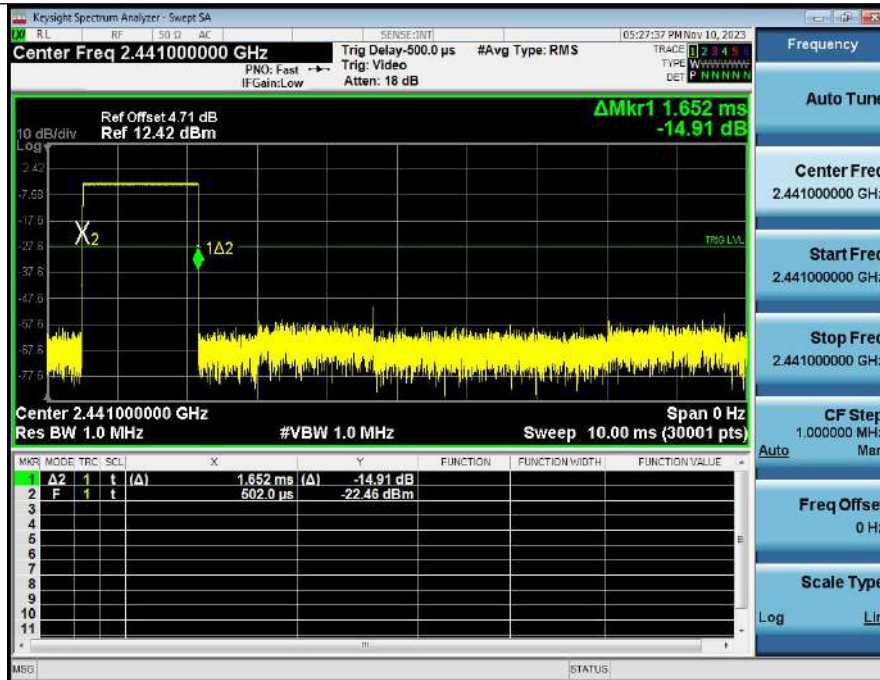
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_One_Burst Time



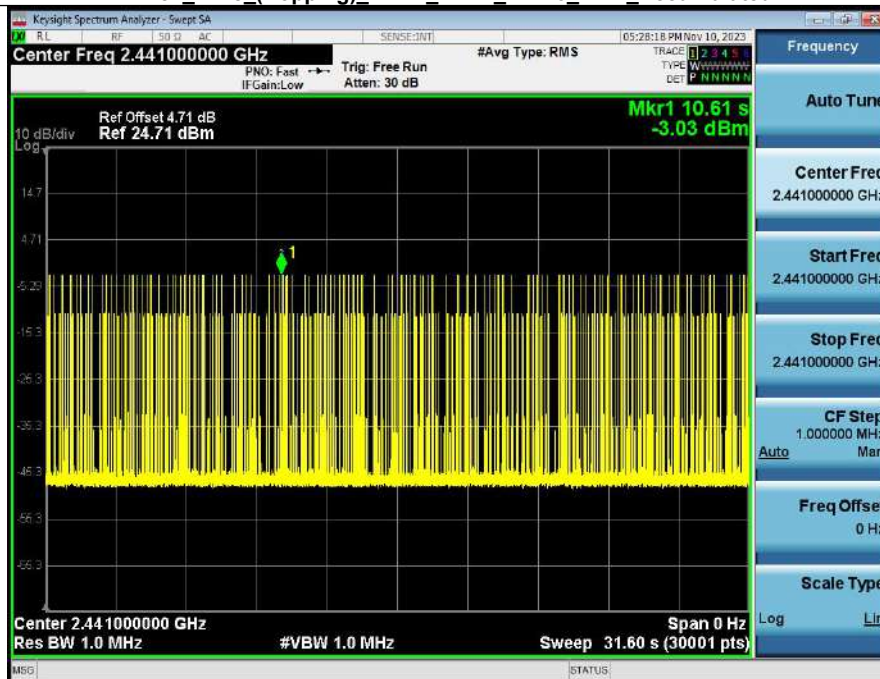
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_Accumulated



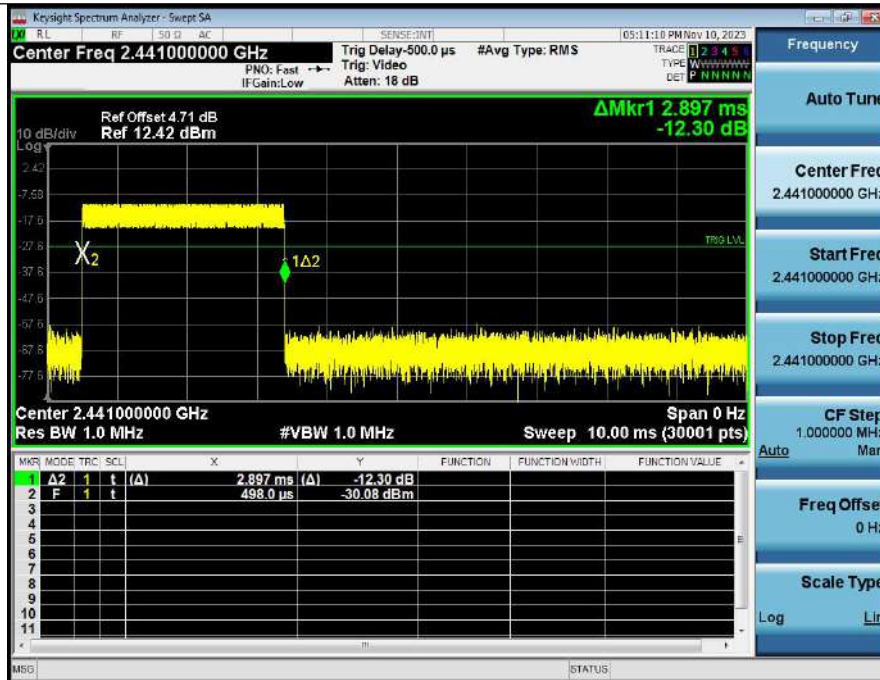
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_One_Burst Time



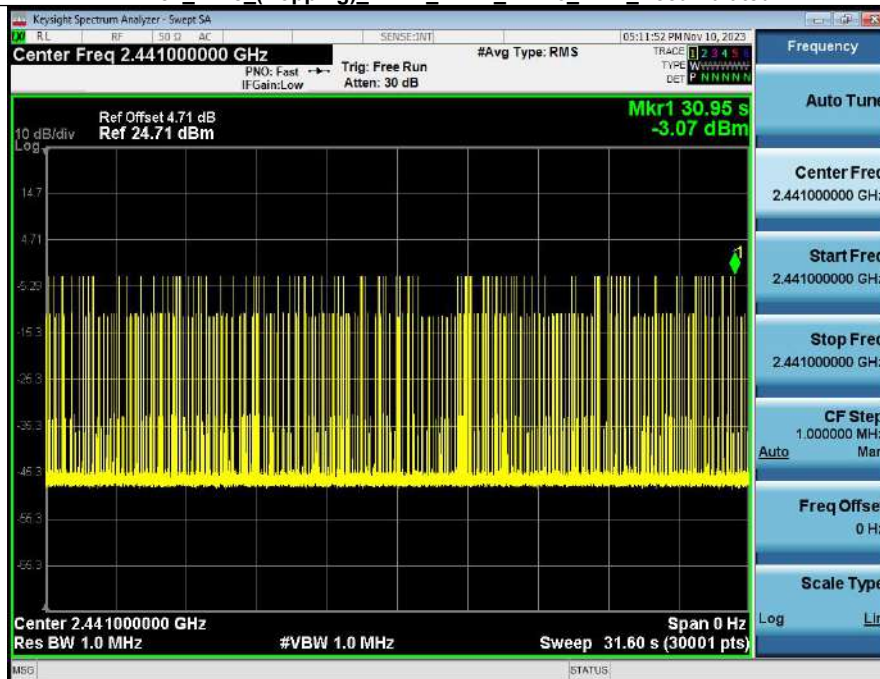
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_Accumulated



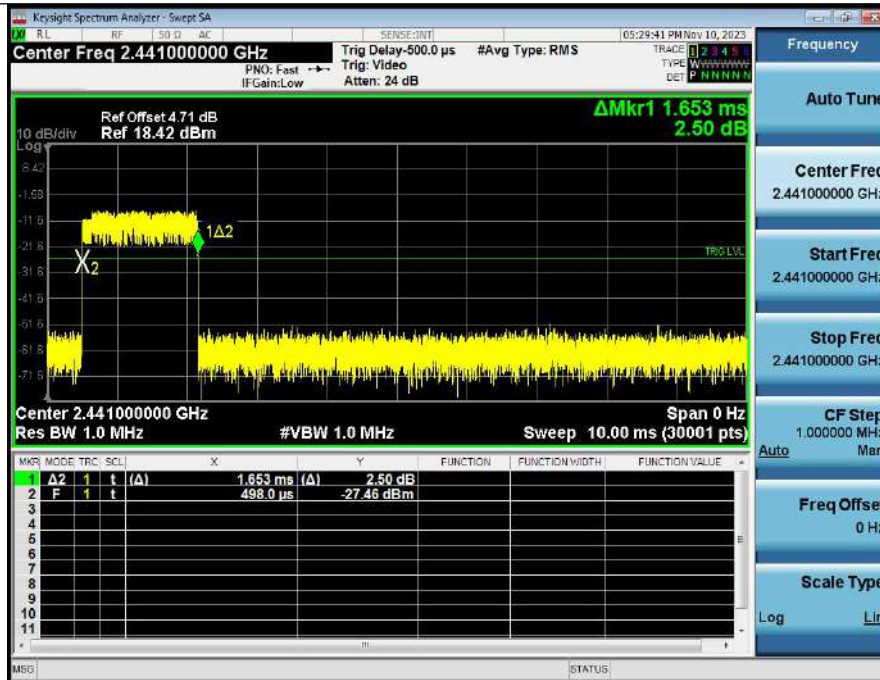
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_One_Burst Time



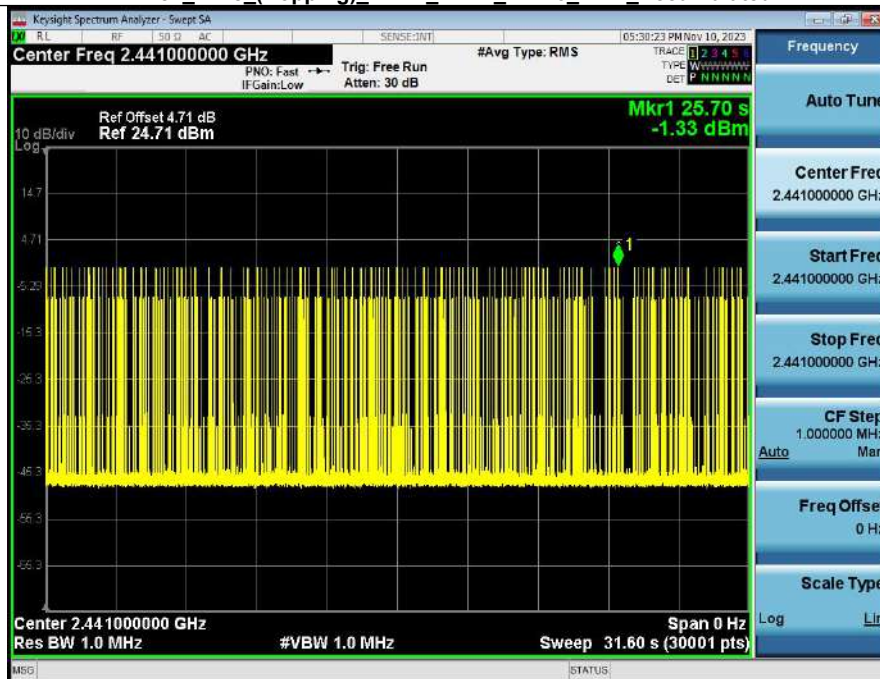
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_Accumulated



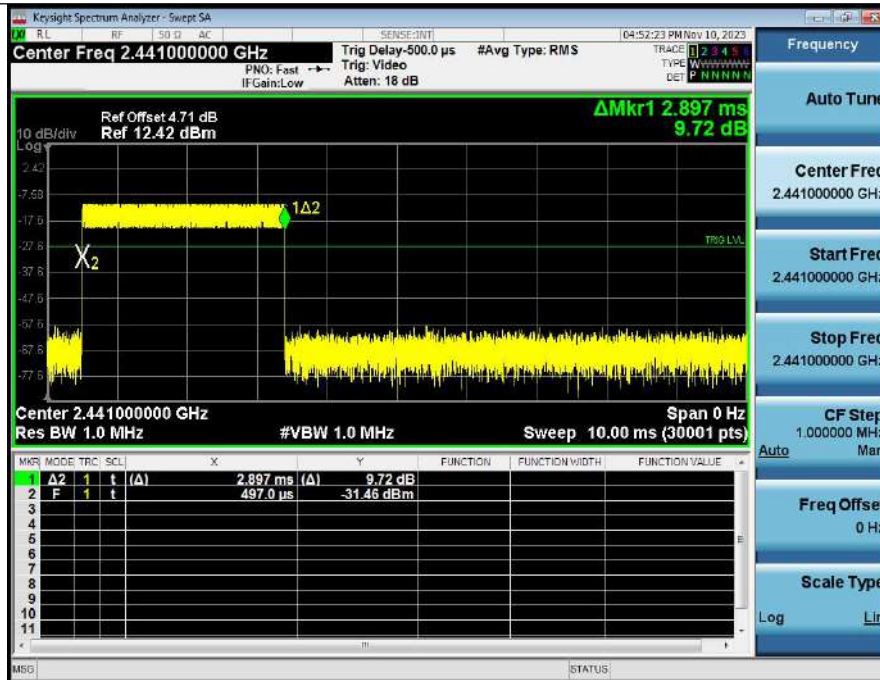
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_One_Burst Time



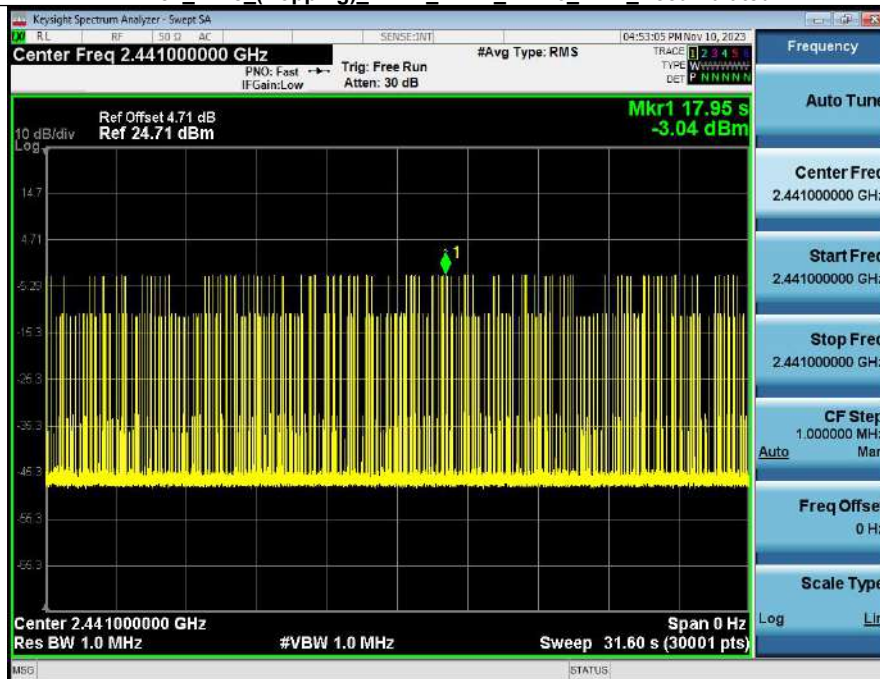
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_Accumulated



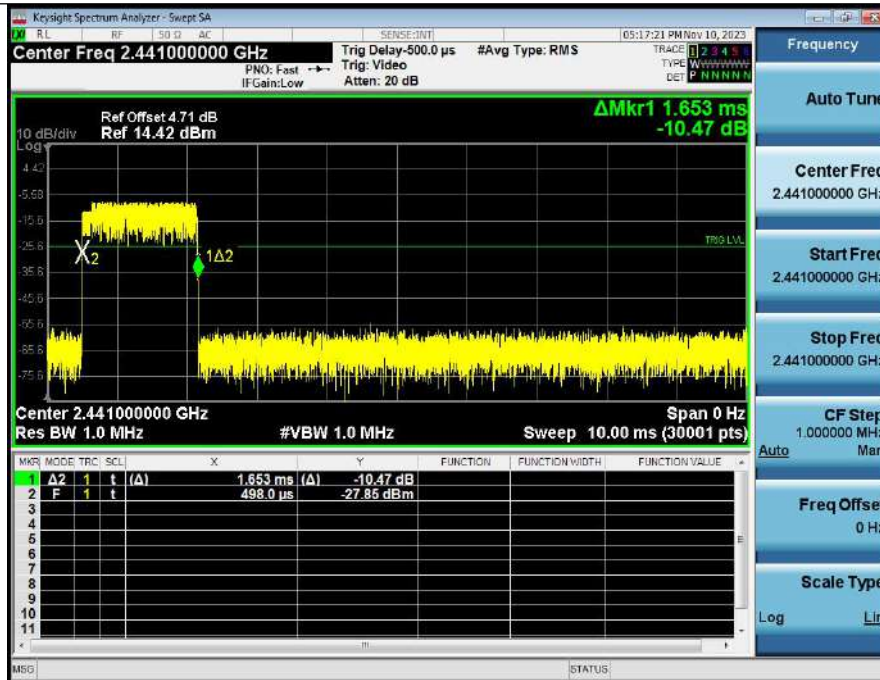
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_One_Burst Time



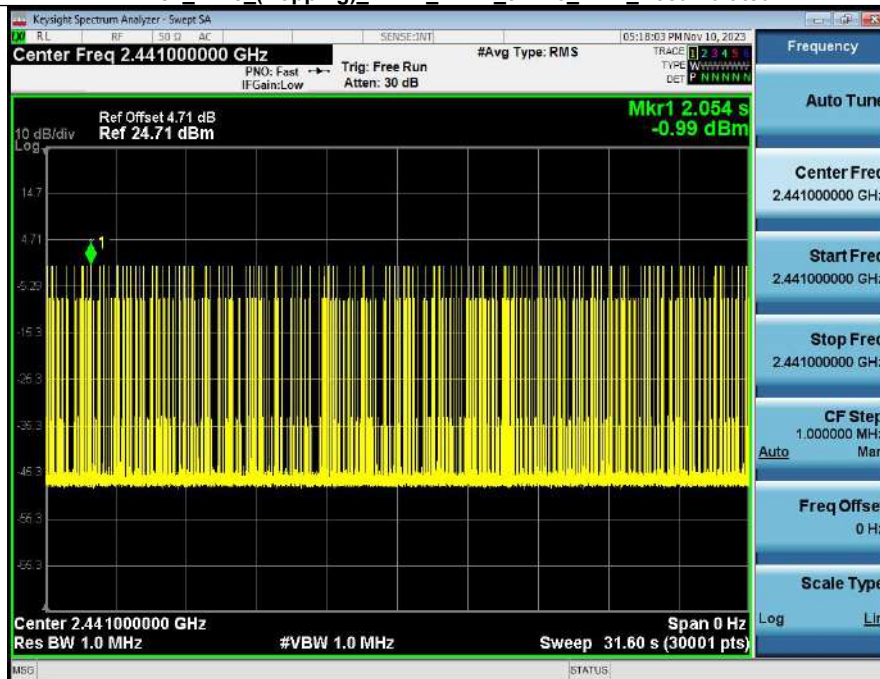
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_Accumulated



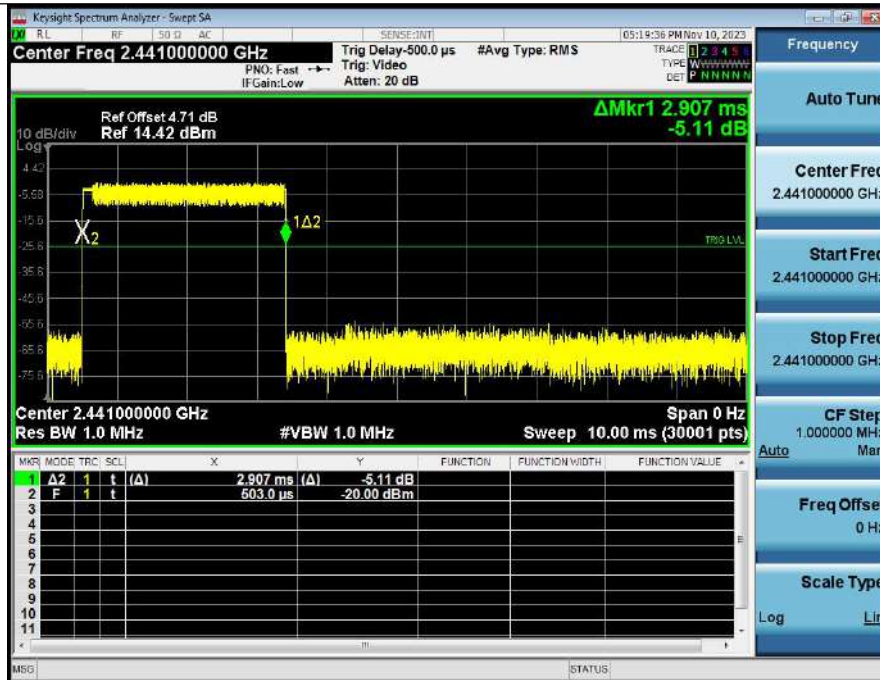
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_One_Burst Time



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

