

Table of Contents

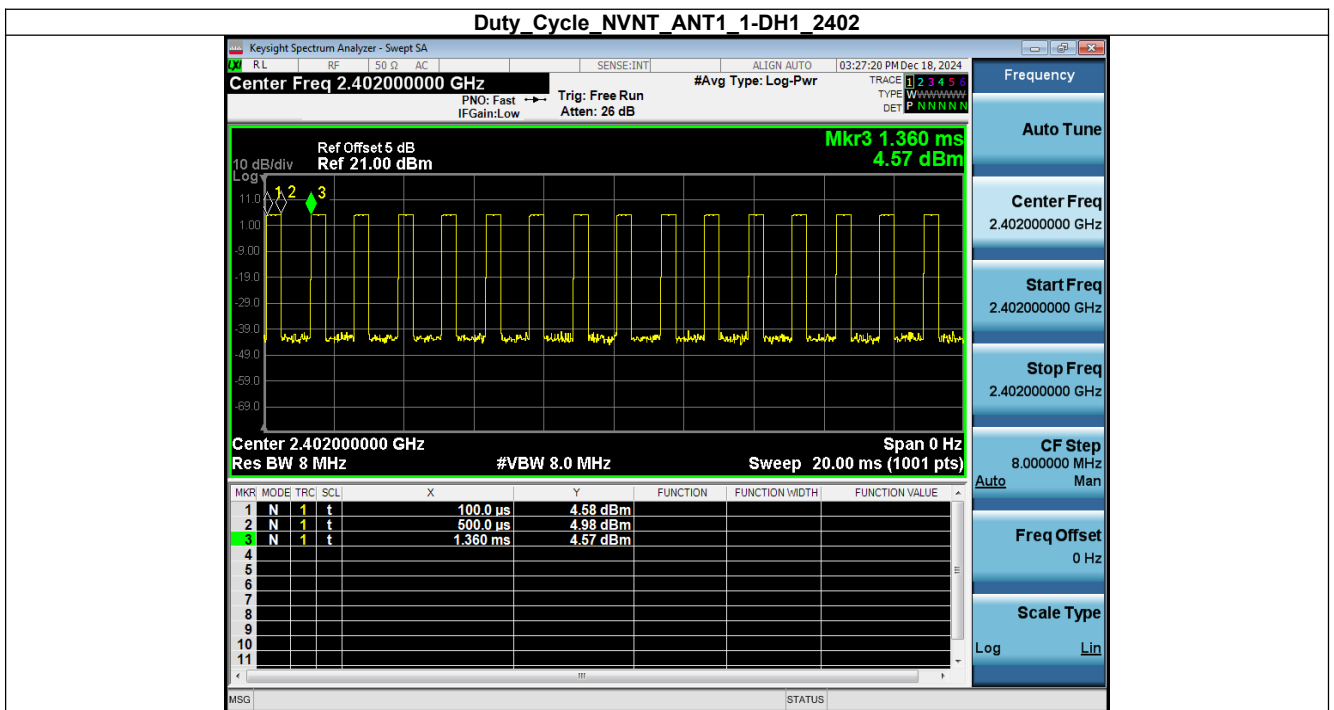
1. Duty Cycle	2
2. -20dB Bandwidth	7
3. 99% Occupied Bandwidth	12
4. Peak Output Power	17
5. Spurious Emissions	18
6. Bandedge	27
7. Carrier Frequencies Separation (Hopping)	39
8. Number of Hopping Channel (Hopping)	44
9. Dwell Time (Hopping)	46

FCC ID:2BKRS-AIRBUDS

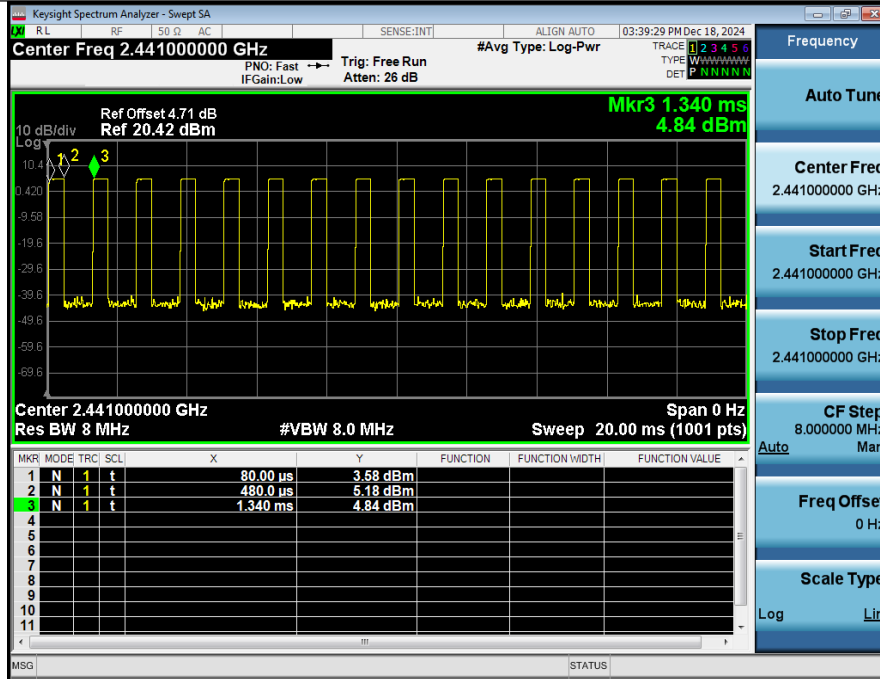
FCC_BT (Part15.247) Test Data

1. Duty Cycle

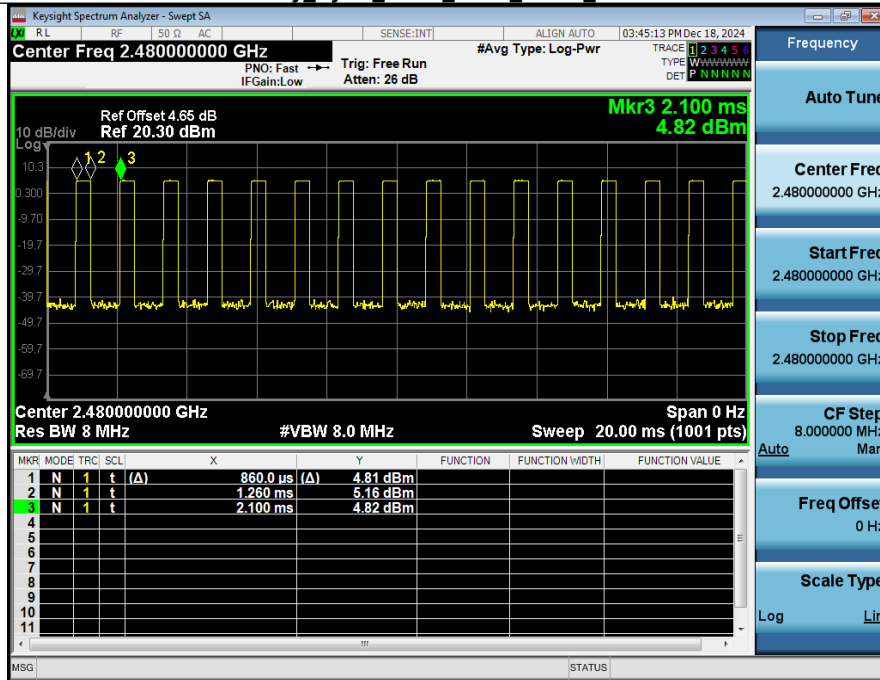
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	31.75	4.98
NVNT	ANT1	1-DH1	2441.00	31.75	4.98
NVNT	ANT1	1-DH1	2480.00	33.87	4.70
NVNT	ANT1	2-DH1	2402.00	34.92	4.57
NVNT	ANT1	2-DH1	2441.00	33.87	4.70
NVNT	ANT1	2-DH1	2480.00	34.92	4.57
NVNT	ANT1	3-DH1	2402.00	33.87	4.70
NVNT	ANT1	3-DH1	2441.00	33.87	4.70
NVNT	ANT1	3-DH1	2480.00	33.87	4.70



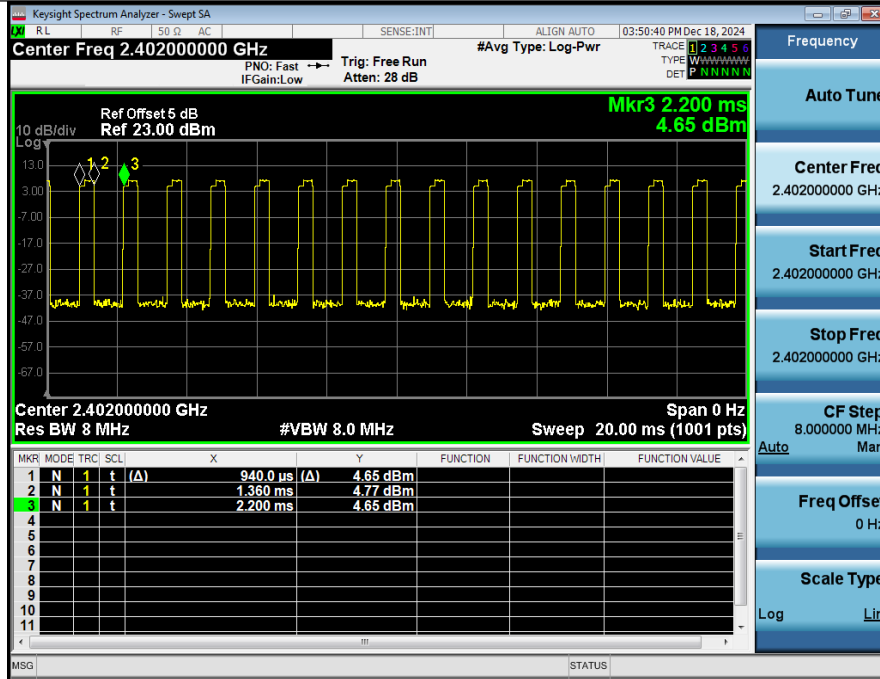
Duty Cycle NVNT_ANT1_1-DH1_2441



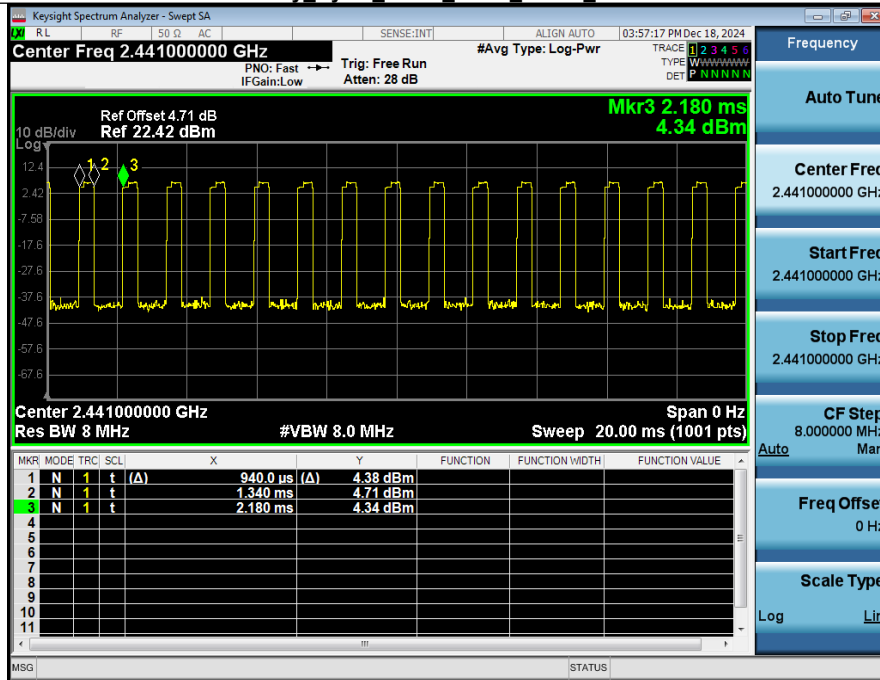
Duty Cycle NVNT_ANT1_1-DH1_2480



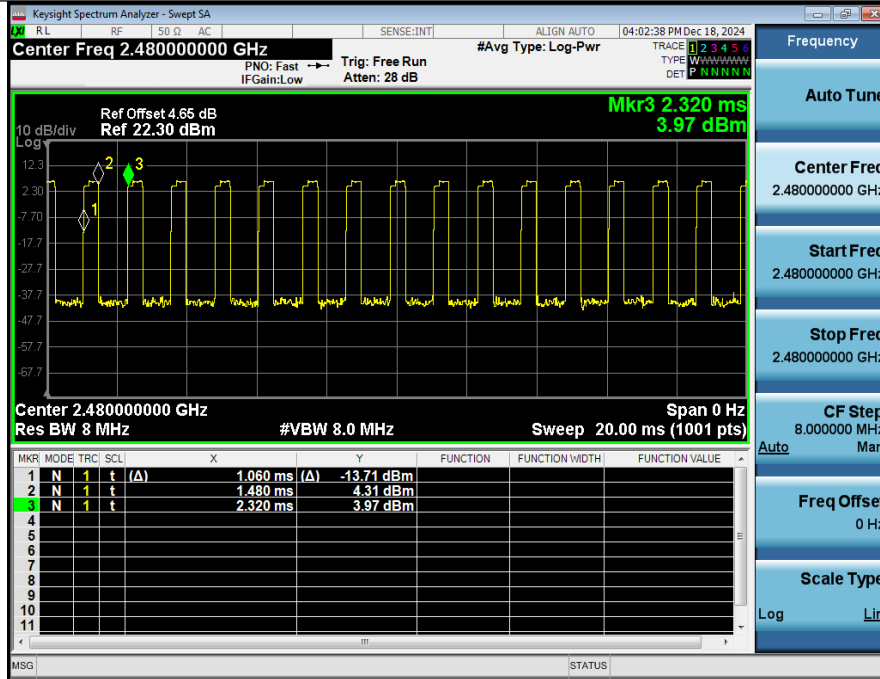
Duty Cycle NVNT_ANT1_2-DH1_2402



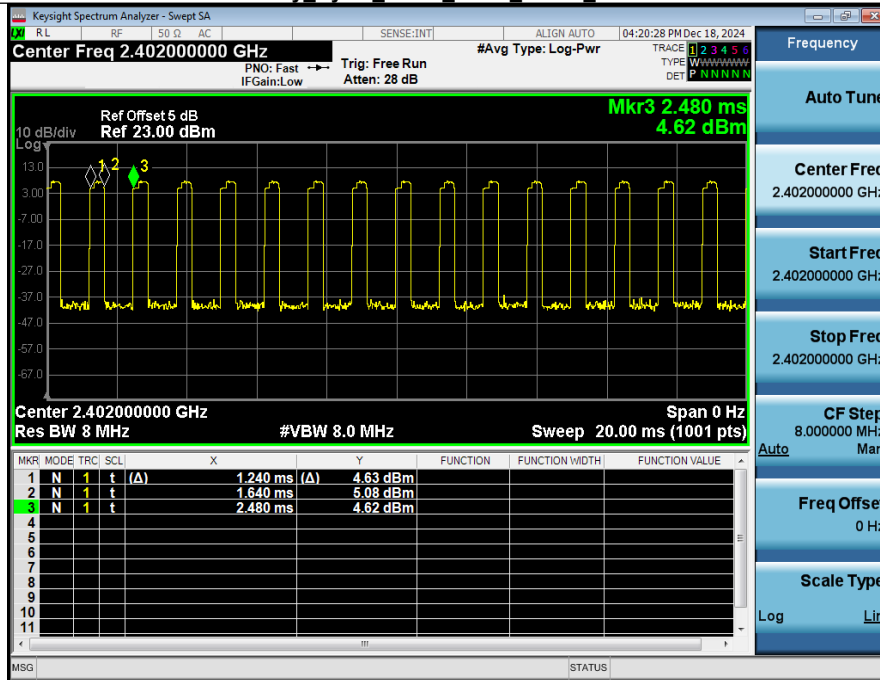
Duty Cycle NVNT_ANT1_2-DH1_2441



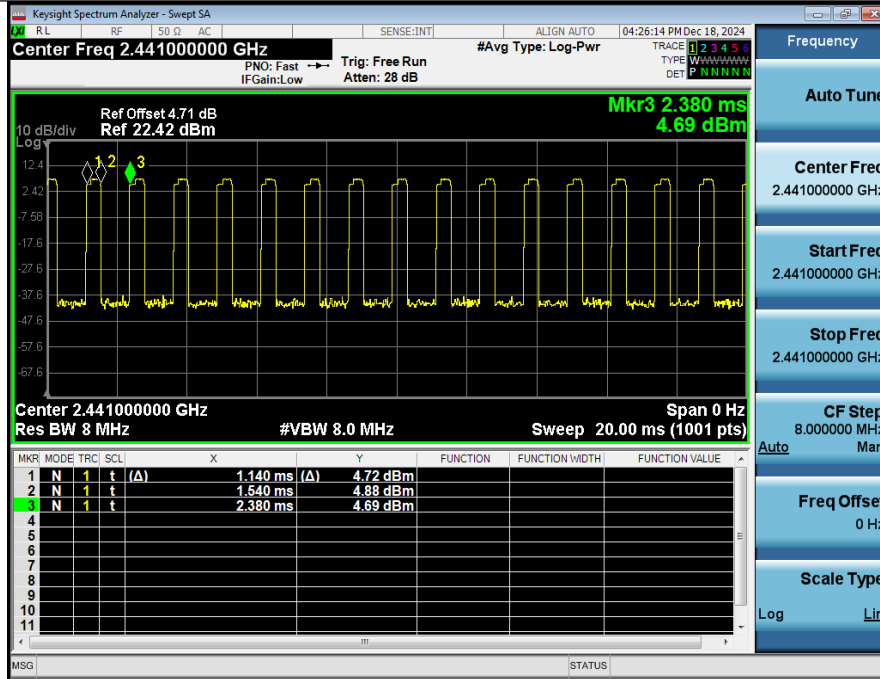
Duty Cycle_NVNT_ANT1_2-DH1_2480



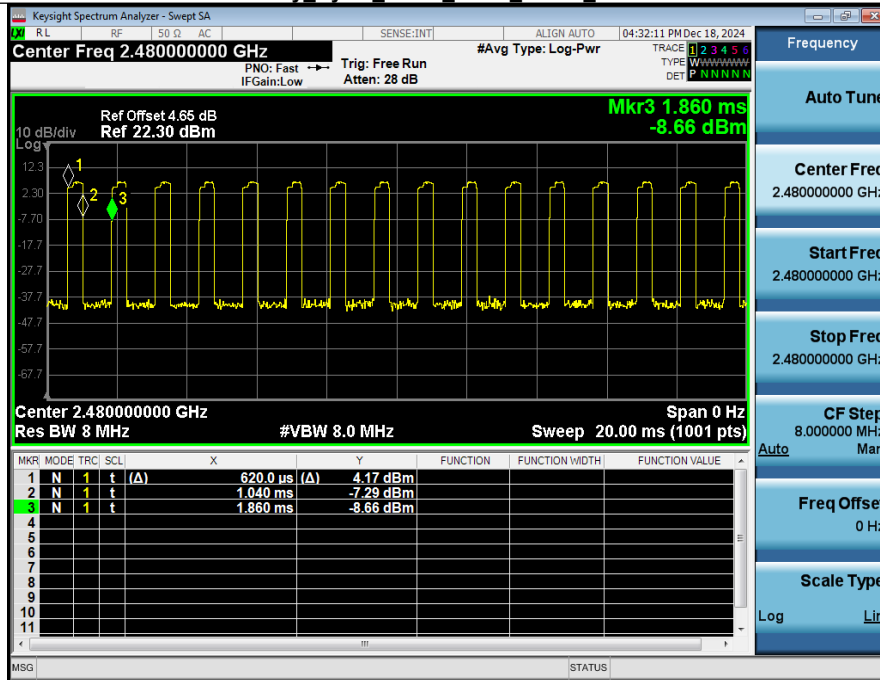
Duty Cycle_NVNT_ANT1_3-DH1_2402



Duty Cycle NVNT_ANT1_3-DH1_2441

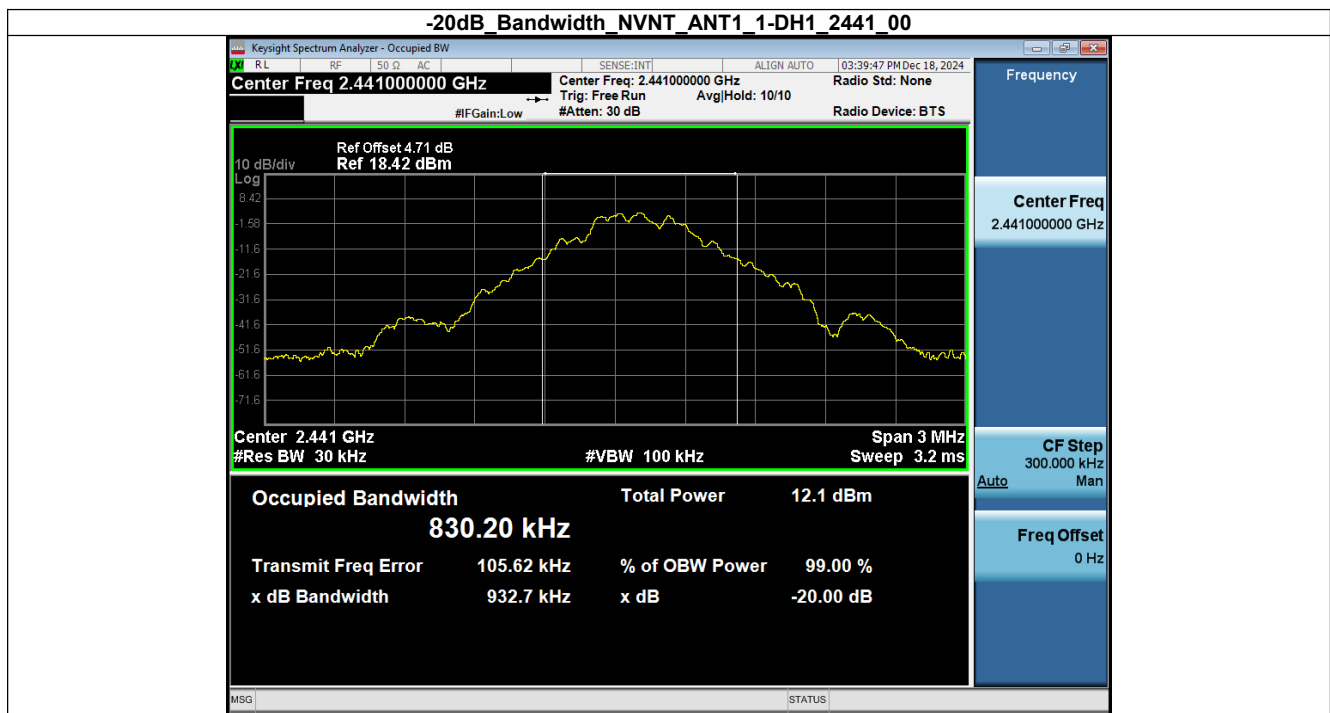
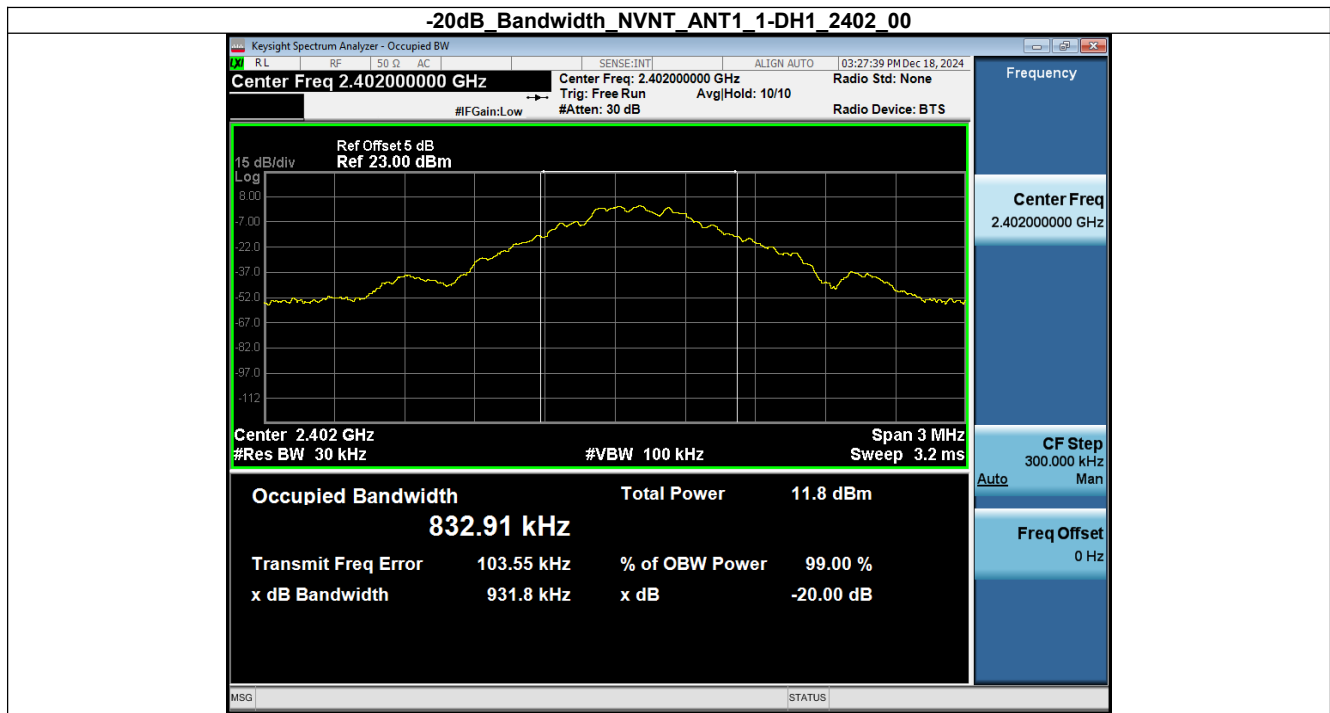


Duty Cycle NVNT_ANT1_3-DH1_2480

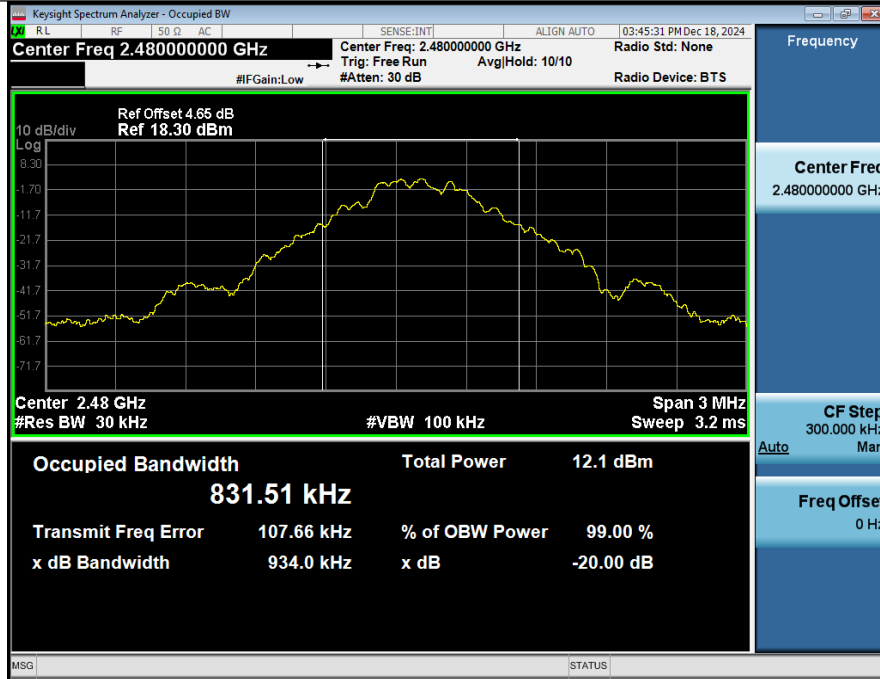


2. -20dB Bandwidth

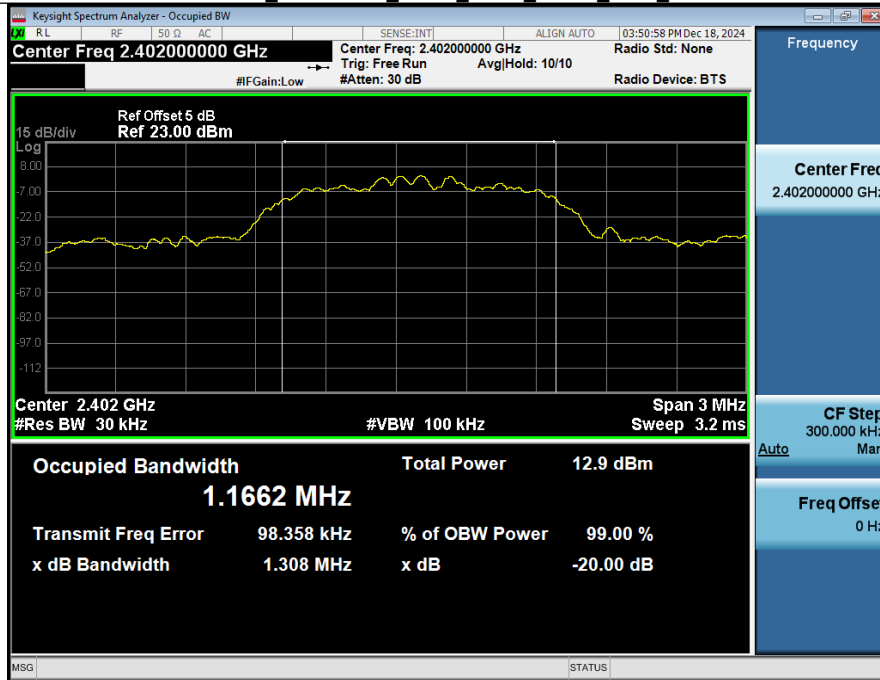
Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.932	No
NVNT	ANT1	1-DH1	2441.00	0.933	No
NVNT	ANT1	1-DH1	2480.00	0.934	No
NVNT	ANT1	2-DH1	2402.00	1.308	Yes
NVNT	ANT1	2-DH1	2441.00	1.304	Yes
NVNT	ANT1	2-DH1	2480.00	1.301	Yes
NVNT	ANT1	3-DH1	2402.00	1.240	Yes
NVNT	ANT1	3-DH1	2441.00	1.242	Yes
NVNT	ANT1	3-DH1	2480.00	1.245	Yes



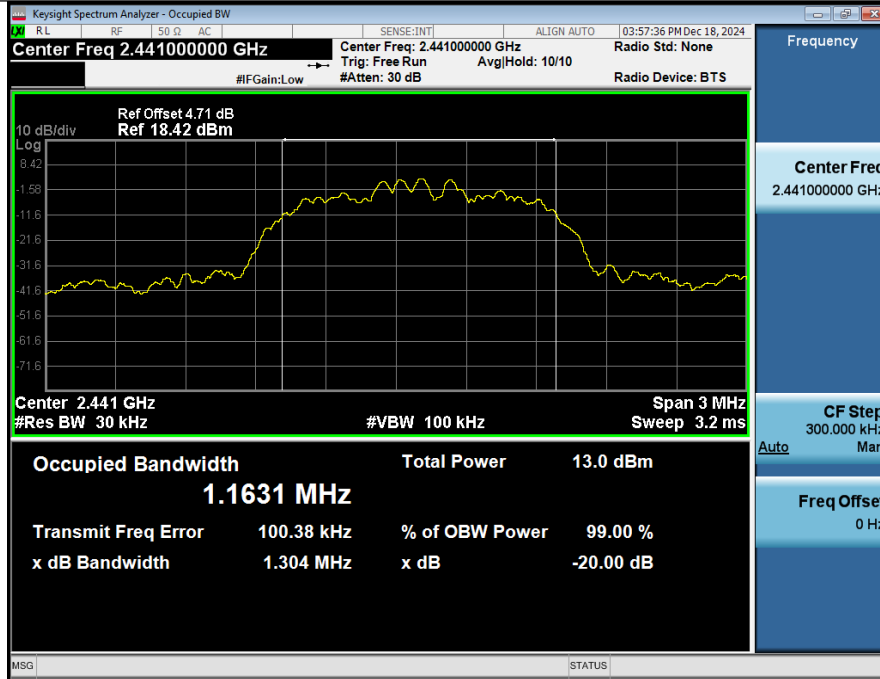
-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00



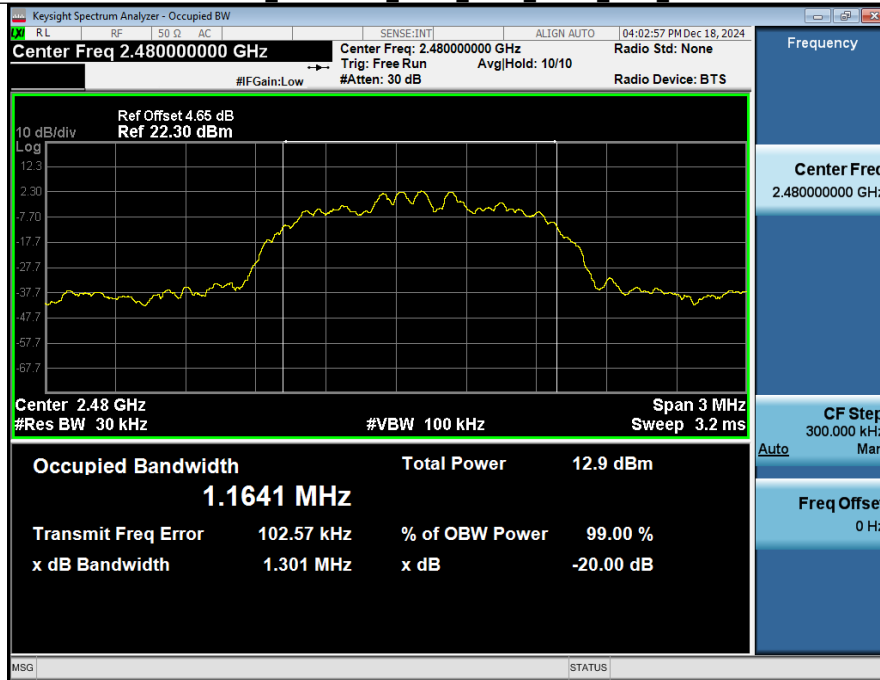
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2402_00



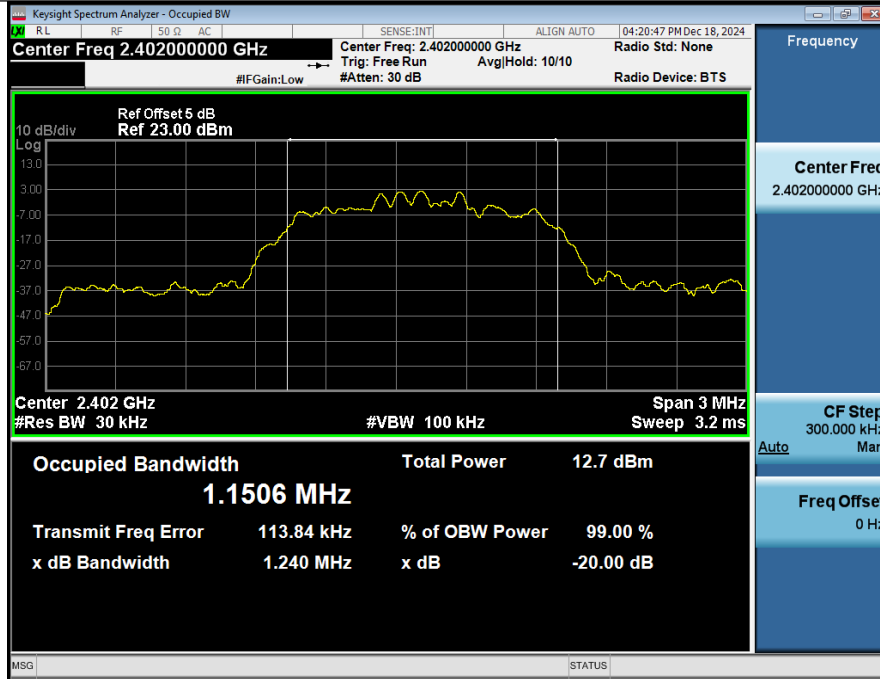
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2441_00



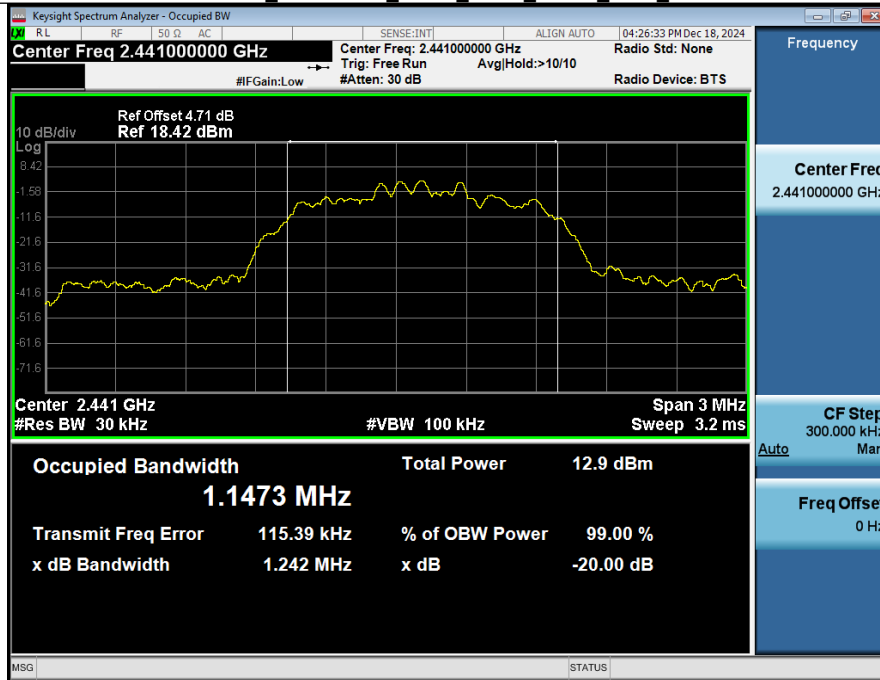
-20dB_Bandwidth_NVNT_ANT1_2-DH1_2480_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2402_00



-20dB_Bandwidth_NVNT_ANT1_3-DH1_2441_00

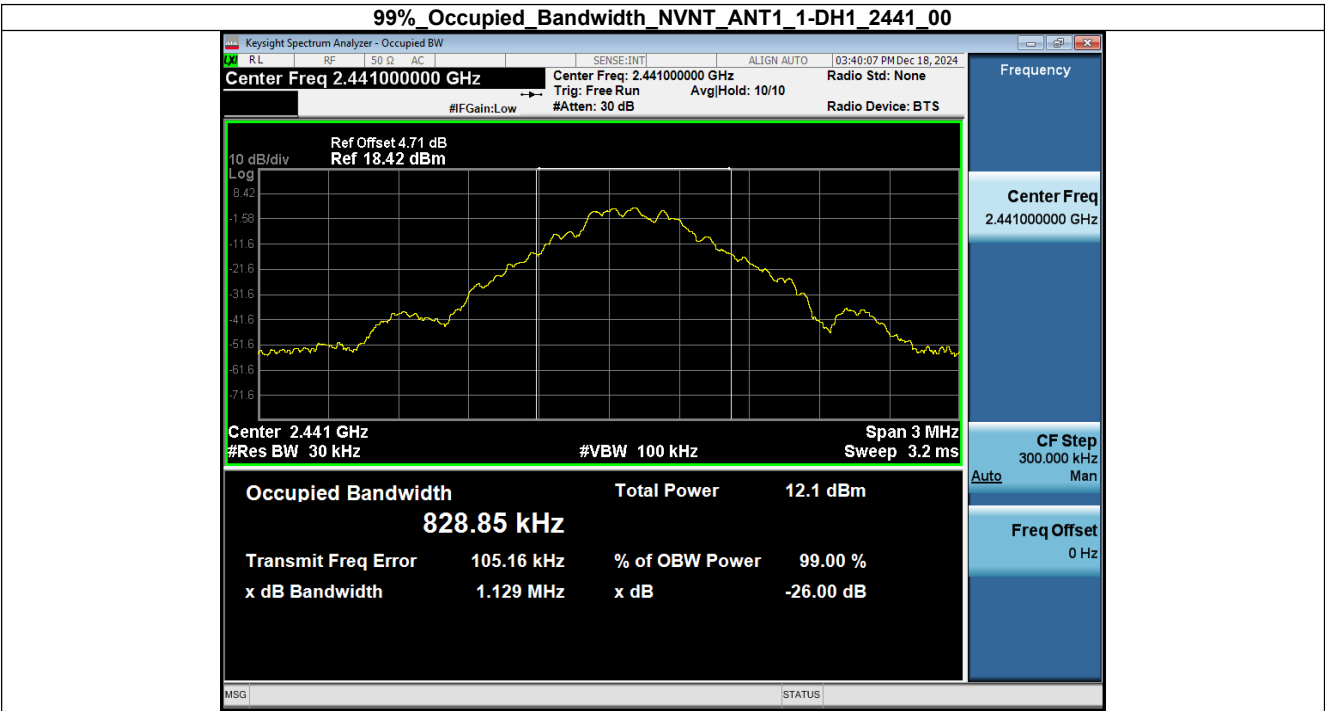


-20dB_Bandwidth_NVNT_ANT1_3-DH1_2480_00



3. 99% Occupied Bandwidth

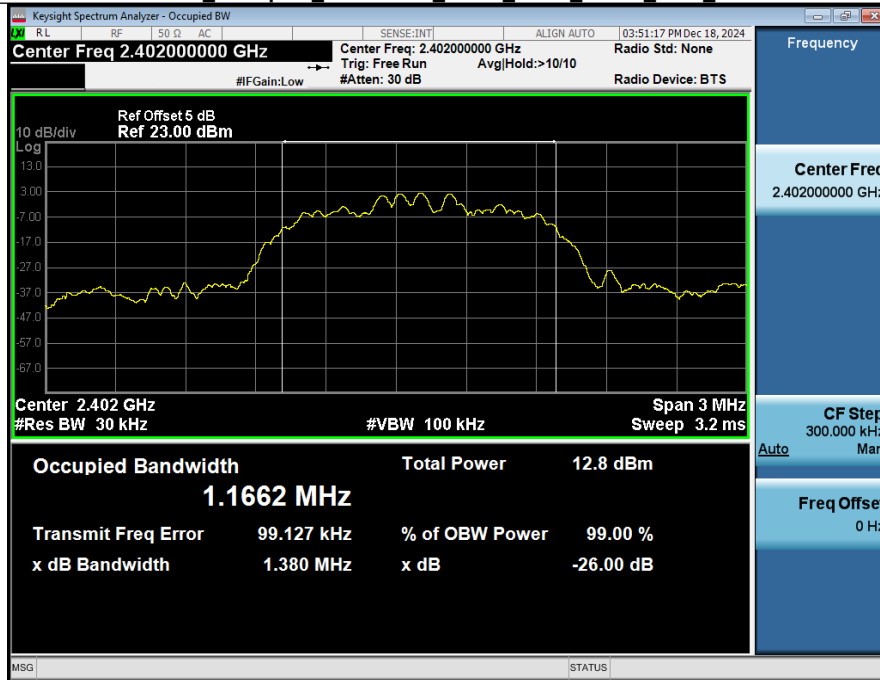
Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.833
NVNT	ANT1	1-DH1	2441.00	0.829
NVNT	ANT1	1-DH1	2480.00	0.832
NVNT	ANT1	2-DH1	2402.00	1.166
NVNT	ANT1	2-DH1	2441.00	1.164
NVNT	ANT1	2-DH1	2480.00	1.163
NVNT	ANT1	3-DH1	2402.00	1.149
NVNT	ANT1	3-DH1	2441.00	1.150
NVNT	ANT1	3-DH1	2480.00	1.148



99% Occupied Bandwidth NVNT_ANT1_1-DH1_2480_00



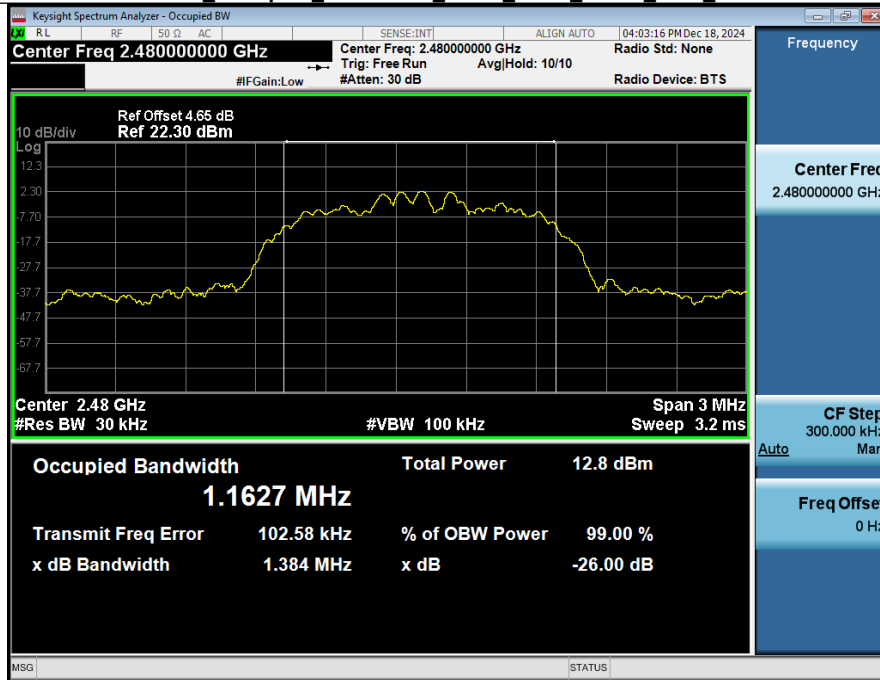
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2402_00



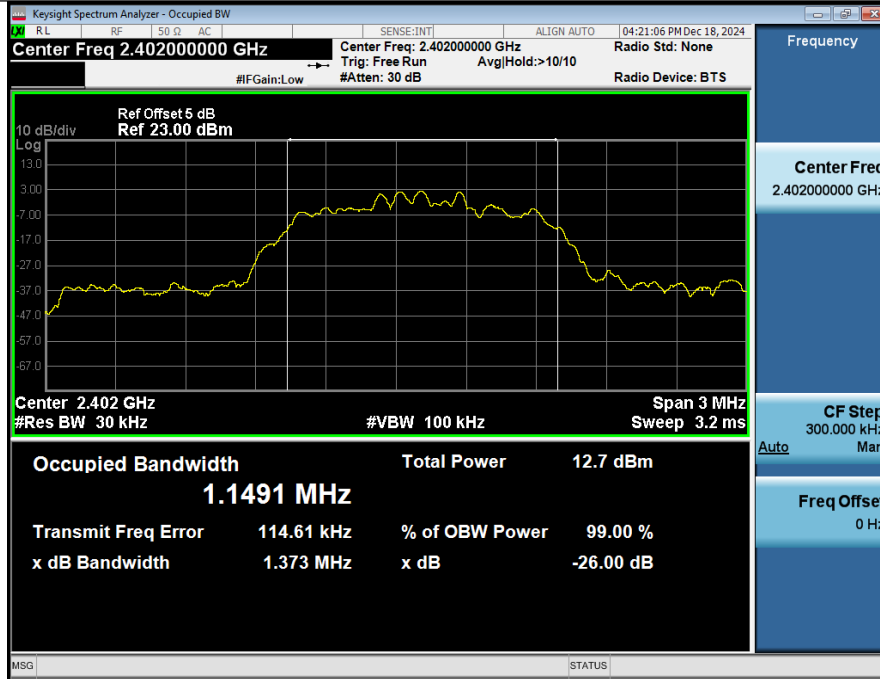
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2441_00



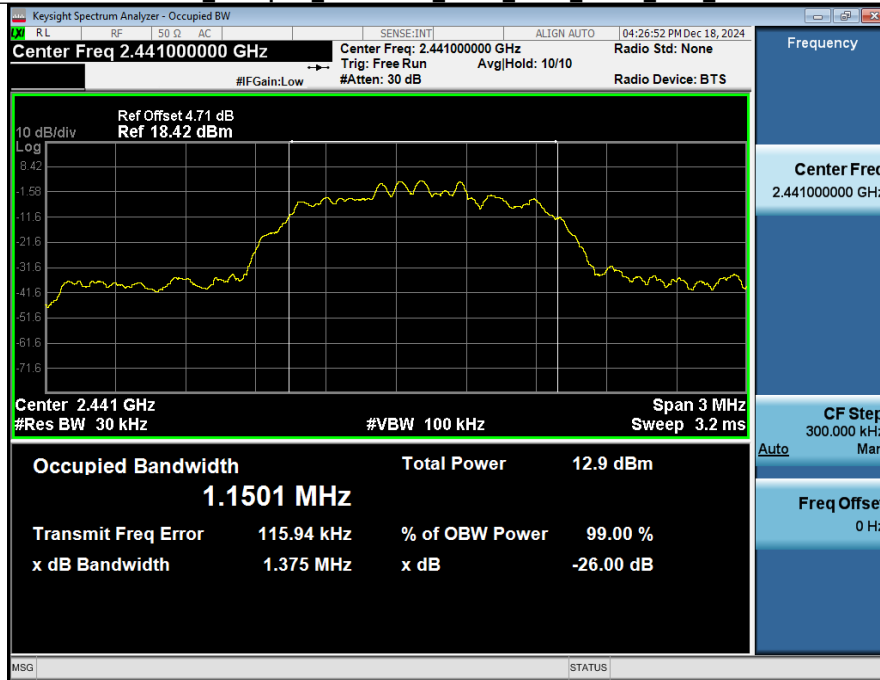
99% Occupied Bandwidth NVNT_ANT1_2-DH1_2480_00

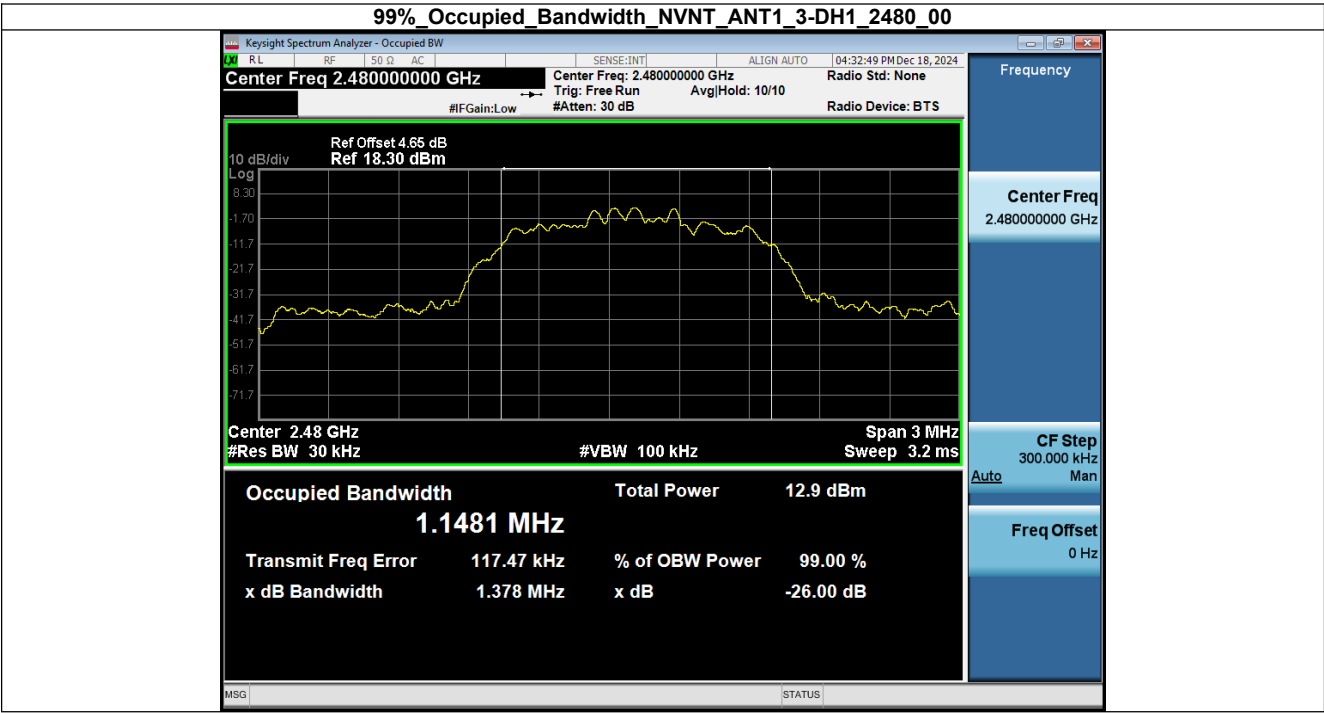


99% Occupied Bandwidth NVNT_ANT1_3-DH1_2402_00



99% Occupied Bandwidth NVNT_ANT1_3-DH1_2441_00



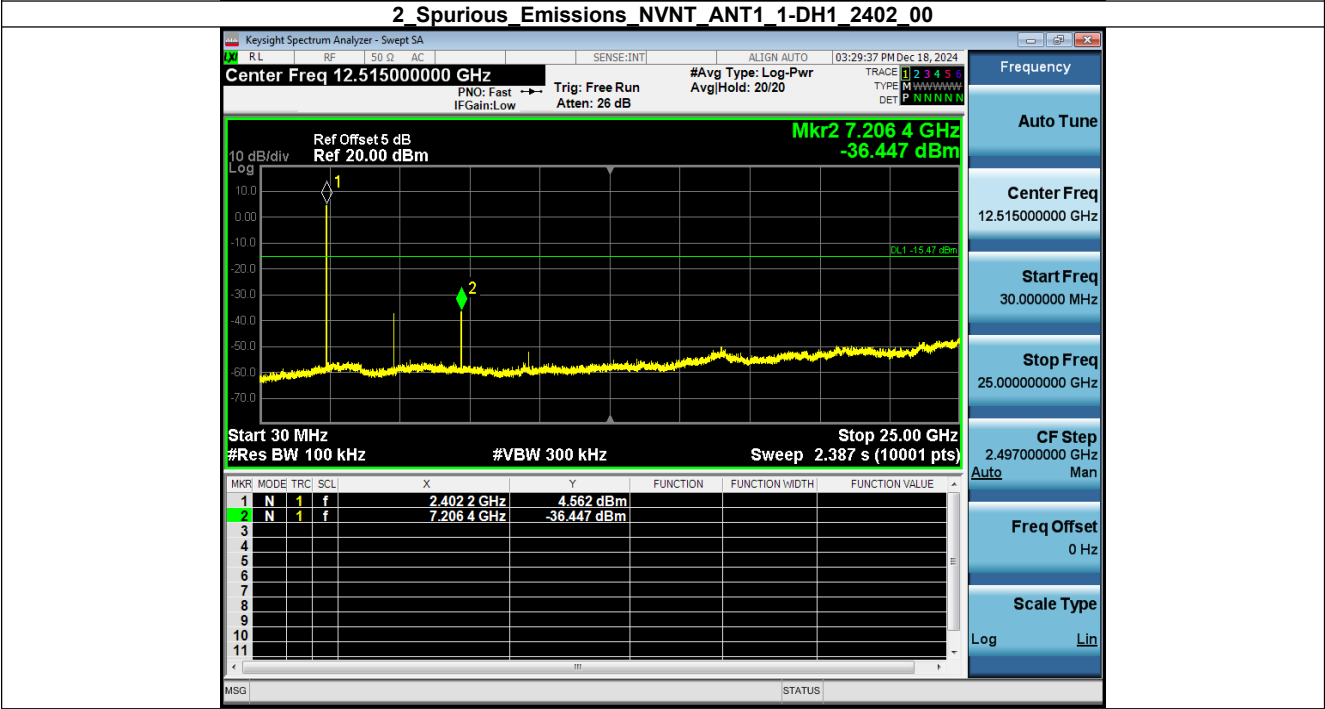


4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	4.95	3.12	1000	Pass
NVNT	ANT1	1-DH1	2441.00	5.17	3.28	1000	Pass
NVNT	ANT1	1-DH1	2480.00	5.16	3.28	1000	Pass
NVNT	ANT1	2-DH1	2402.00	7.20	5.24	125	Pass
NVNT	ANT1	2-DH1	2441.00	7.14	5.17	125	Pass
NVNT	ANT1	2-DH1	2480.00	7.11	5.14	125	Pass
NVNT	ANT1	3-DH1	2402.00	7.58	5.72	125	Pass
NVNT	ANT1	3-DH1	2441.00	7.32	5.39	125	Pass
NVNT	ANT1	3-DH1	2480.00	7.30	5.37	125	Pass

5. Spurious Emissions

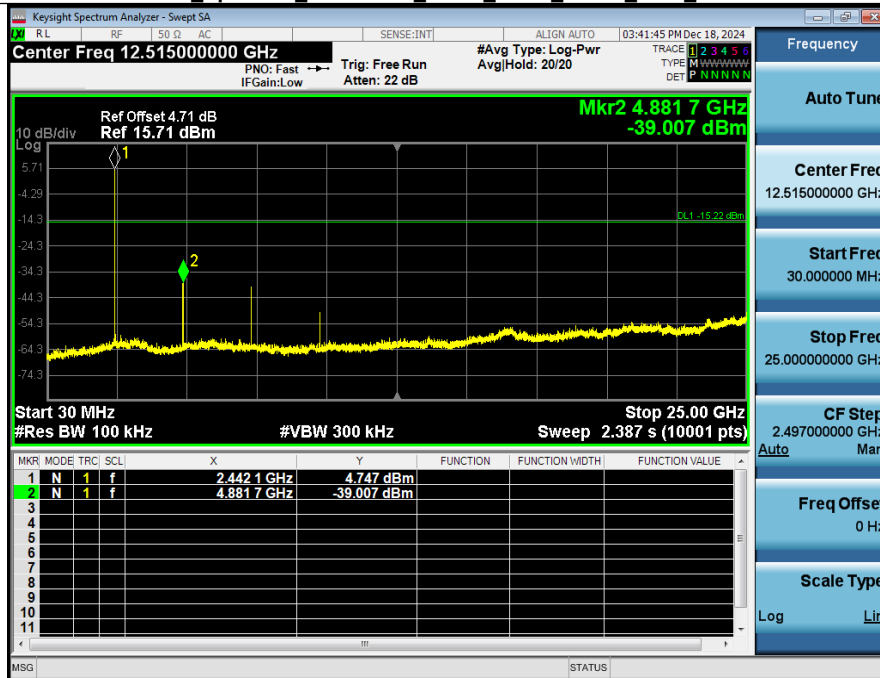
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-36.447	-15.468	Pass
NVNT	ANT1	1-DH1	2441.00	-39.007	-15.222	Pass
NVNT	ANT1	1-DH1	2480.00	-38.183	-15.237	Pass
NVNT	ANT1	2-DH1	2402.00	-37.175	-15.399	Pass
NVNT	ANT1	2-DH1	2441.00	-35.172	-15.141	Pass
NVNT	ANT1	2-DH1	2480.00	-38.629	-15.187	Pass
NVNT	ANT1	3-DH1	2402.00	-34.496	-15.323	Pass
NVNT	ANT1	3-DH1	2441.00	-36.652	-15.201	Pass
NVNT	ANT1	3-DH1	2480.00	-35.592	-15.158	Pass



1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



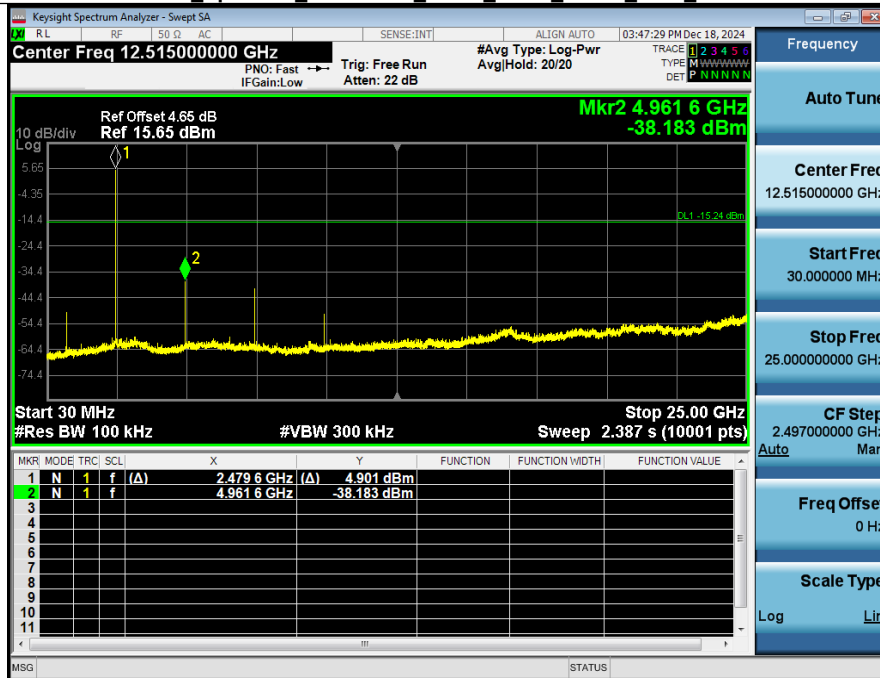
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00



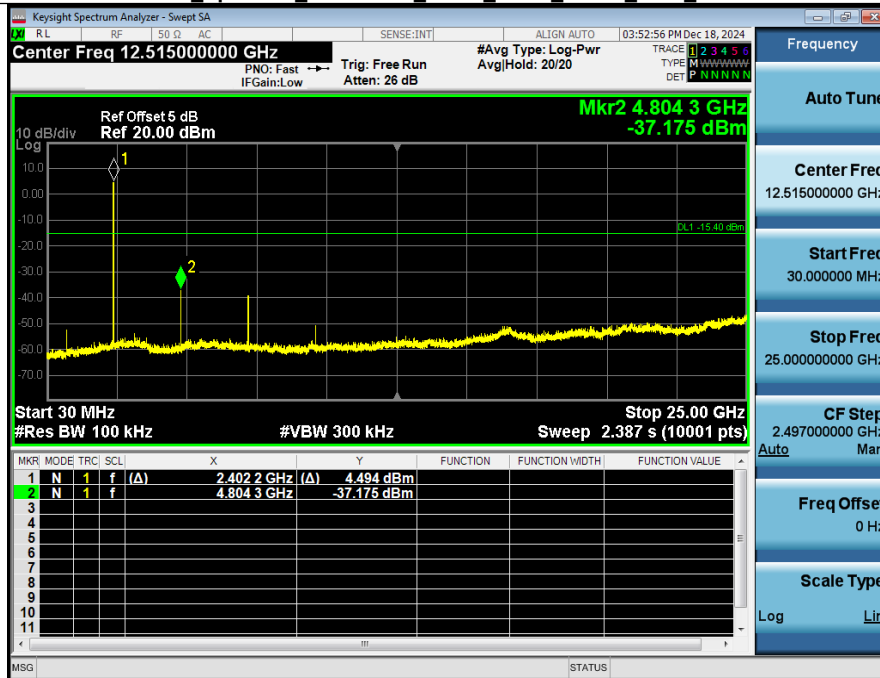
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_NVNT_ANT1_2-DH1_2402_00



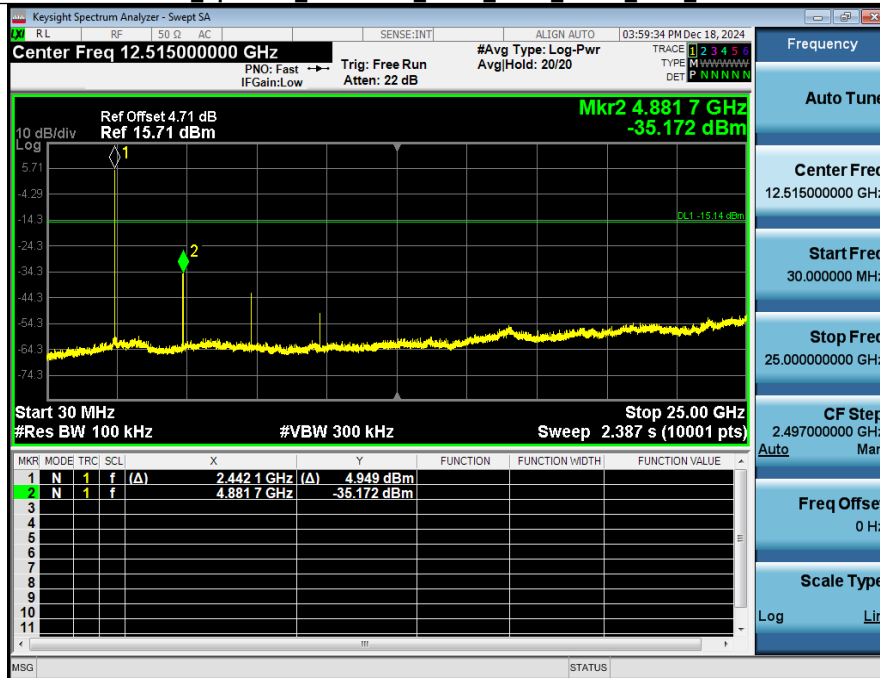
2 Spurious_Emissions_NVNT_ANT1_2-DH1_2402_00



1_Reference_Level_NVNT_ANT1_2-DH1_2441_00



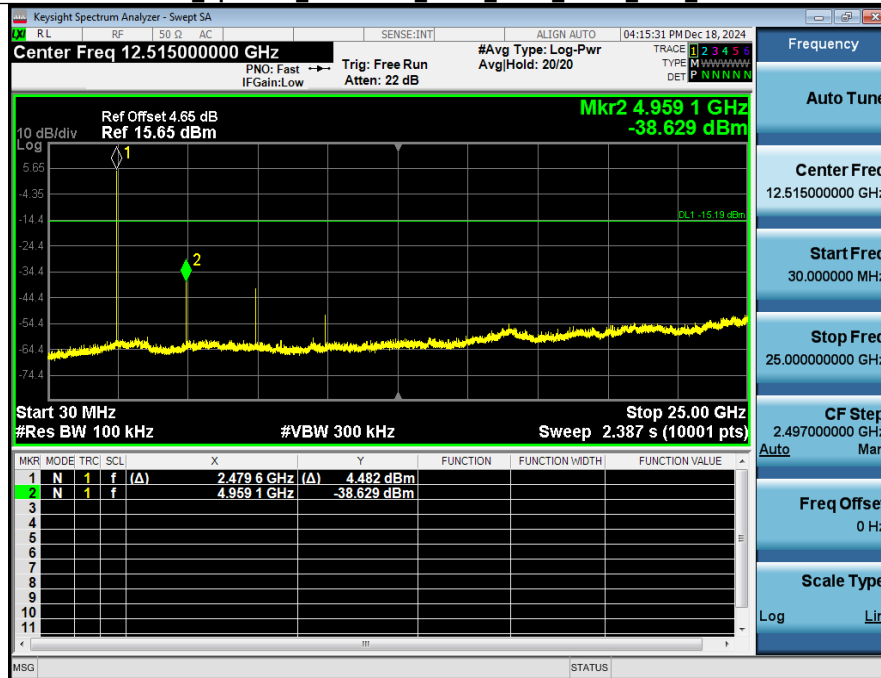
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2441_00



1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



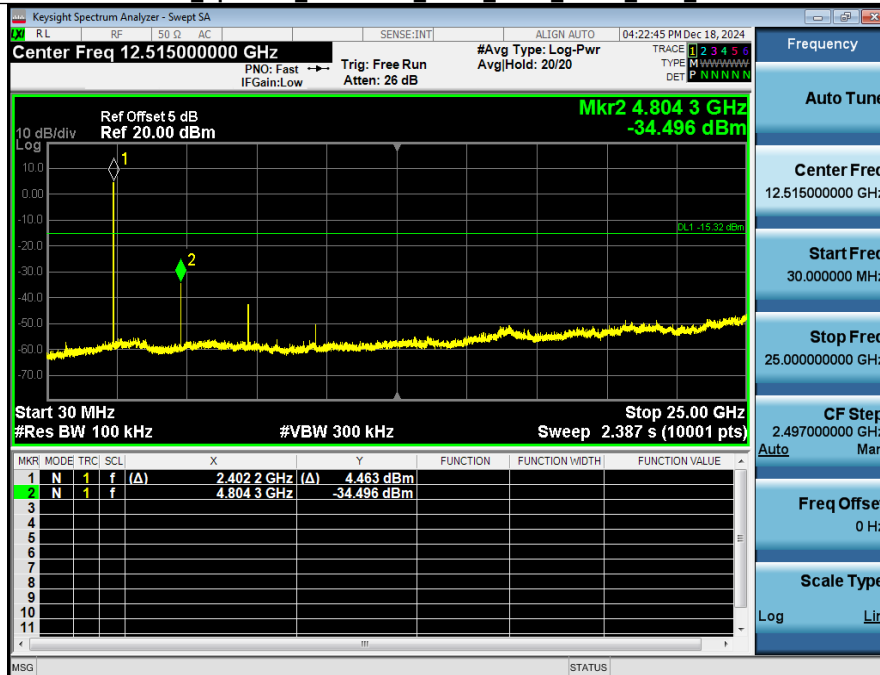
2_Spurious_Emissions_NVNT_ANT1_2-DH1_2480_00



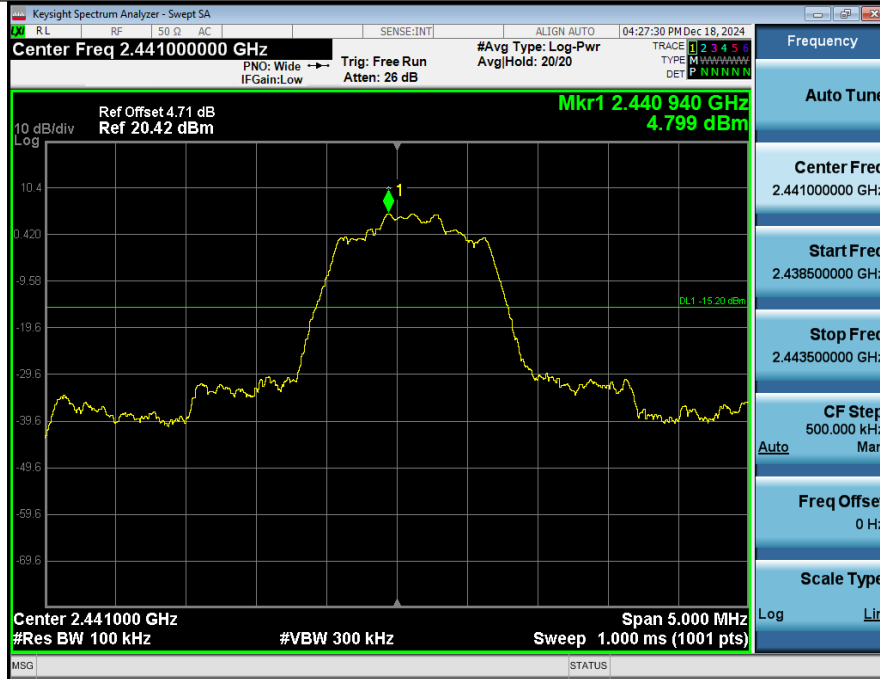
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



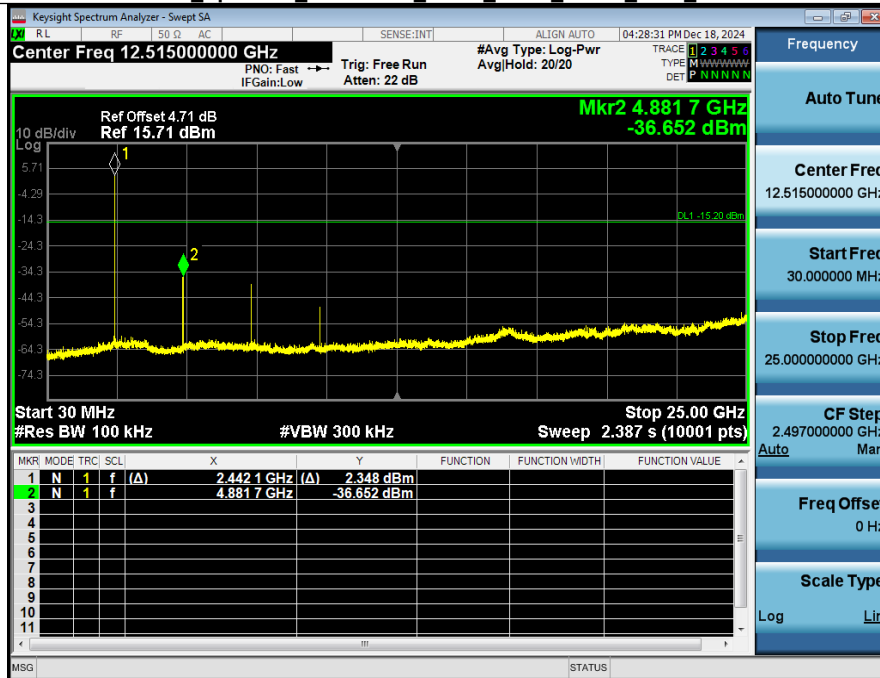
2_Spurious_Emissions_NVNT_ANT1_3-DH1_2402_00



1 Reference_Level_NVNT_ANT1_3-DH1_2441_00



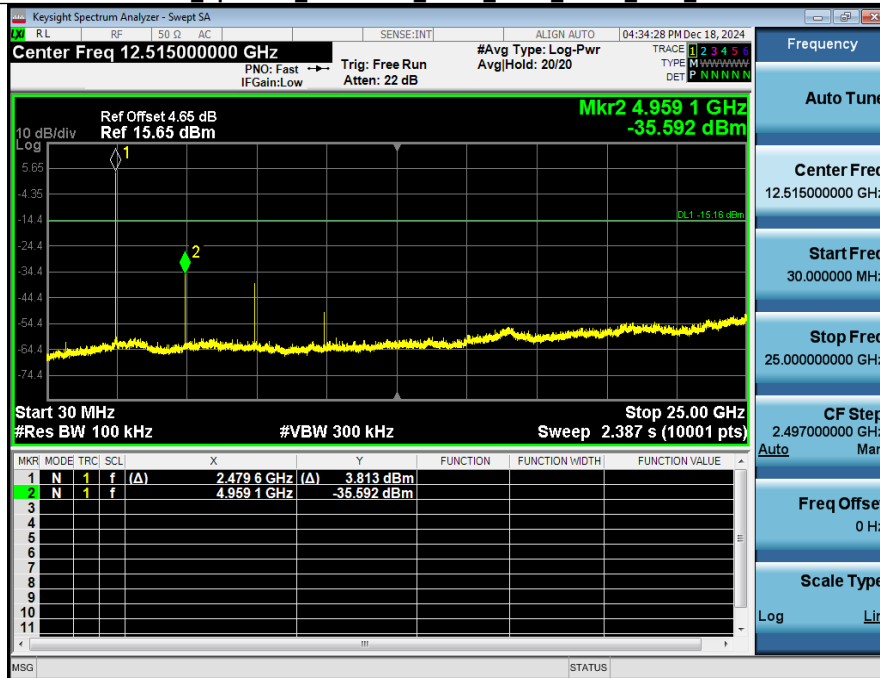
2 Spurious_Emissions_NVNT_ANT1_3-DH1_2441_00



1_Reference_Level_NVNT_ANT1_3-DH1_2480_00

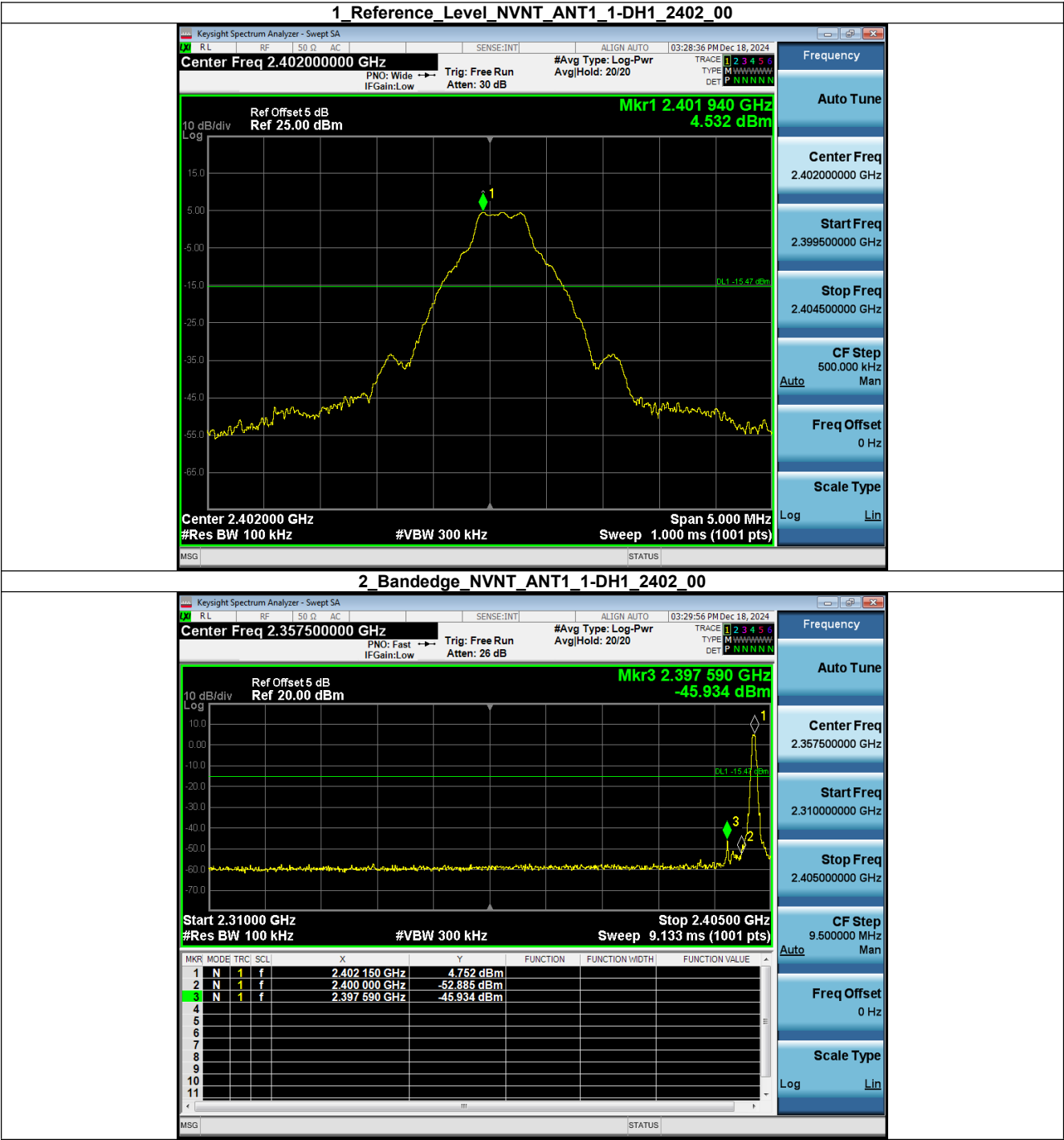


2_Spurious_Emissions_NVNT_ANT1_3-DH1_2480_00

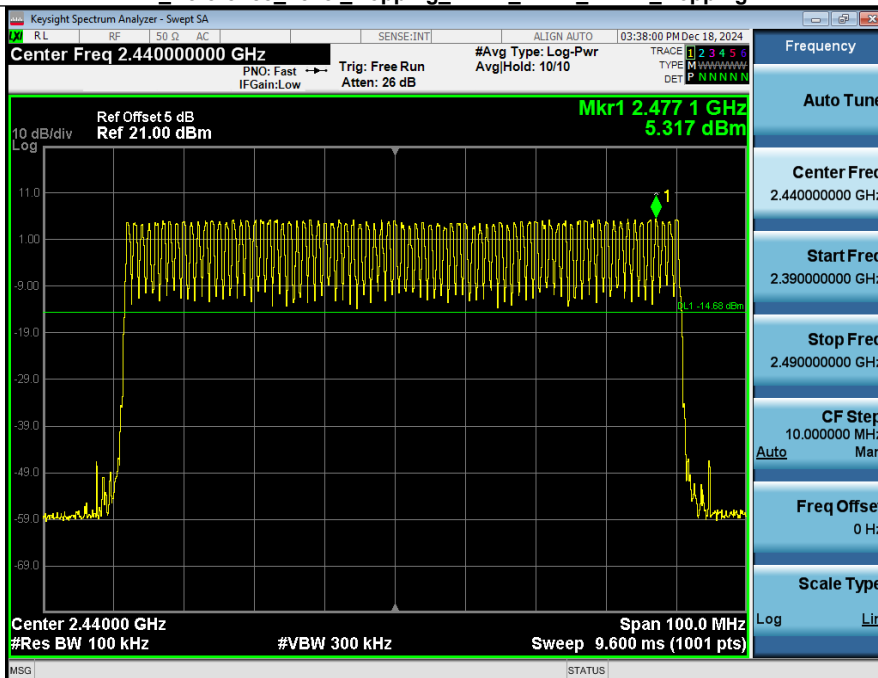


6. Bandedge

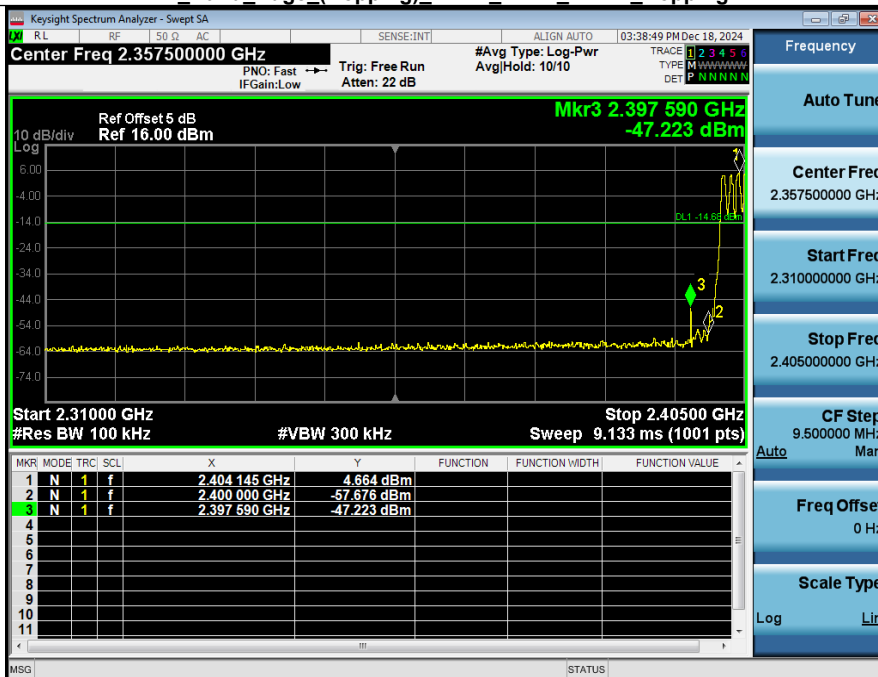
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-45.934	-15.468	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-47.223	-14.683	Pass
NVNT	ANT1	1-DH1	2480.00	-45.811	-15.237	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-51.875	-15.071	Pass
NVNT	ANT1	2-DH1	2402.00	-33.677	-15.399	Pass
NVNT	ANT1	2-DH1	Hopping_LCH	-36.538	-14.697	Pass
NVNT	ANT1	2-DH1	2480.00	-45.994	-15.187	Pass
NVNT	ANT1	2-DH1	Hopping_HCH	-46.421	-15.044	Pass
NVNT	ANT1	3-DH1	2402.00	-33.244	-15.323	Pass
NVNT	ANT1	3-DH1	Hopping_LCH	-36.477	-14.750	Pass
NVNT	ANT1	3-DH1	2480.00	-46.286	-15.158	Pass
NVNT	ANT1	3-DH1	Hopping_HCH	-48.790	-15.031	Pass



1 Reference Level Hopping NVNT_ANT1_1-DH1_Hopping



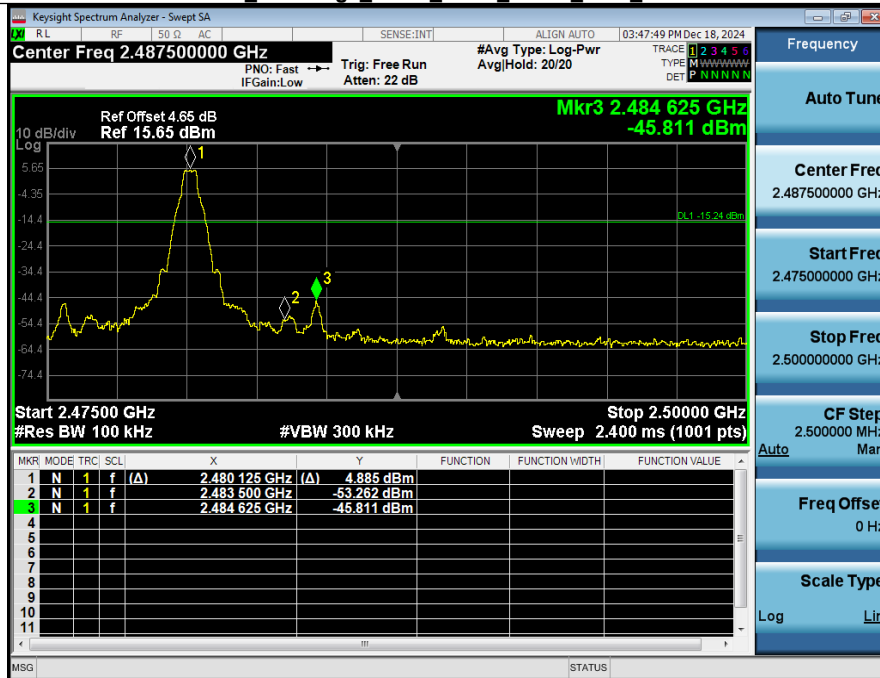
2 Band_Edge_(Hopping) NVNT_ANT1_1-DH1_Hopping



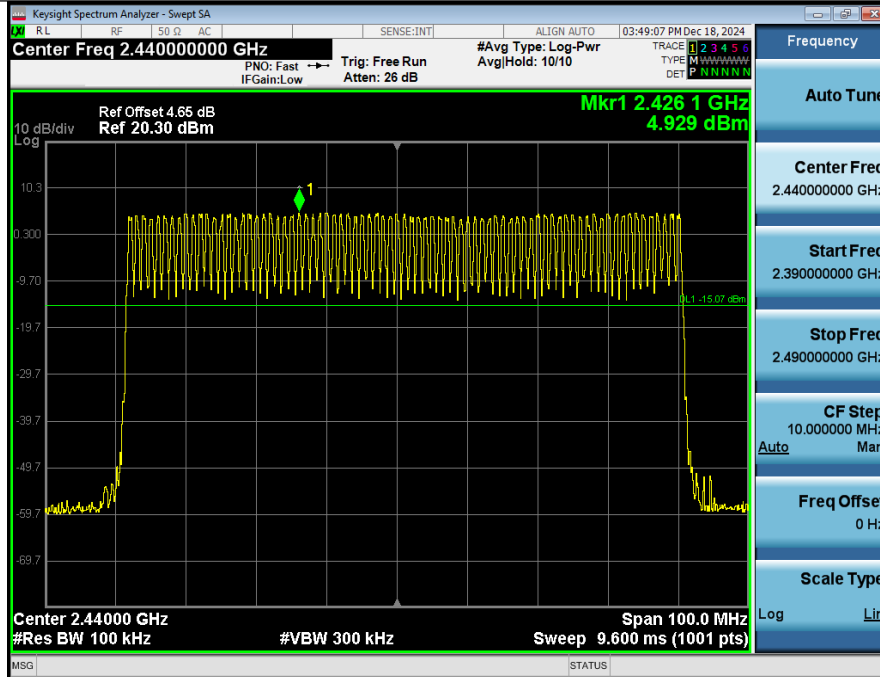
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



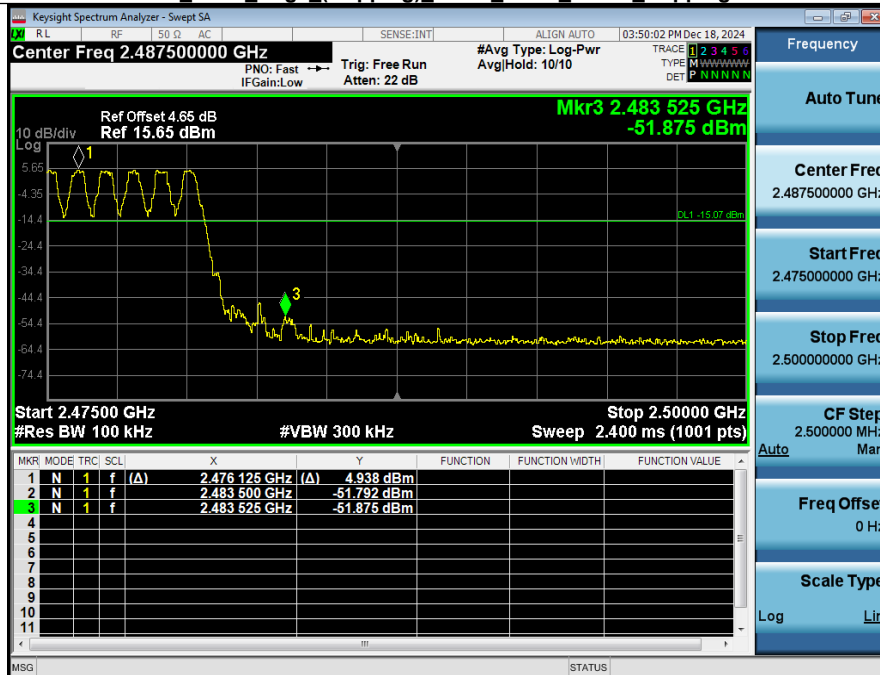
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



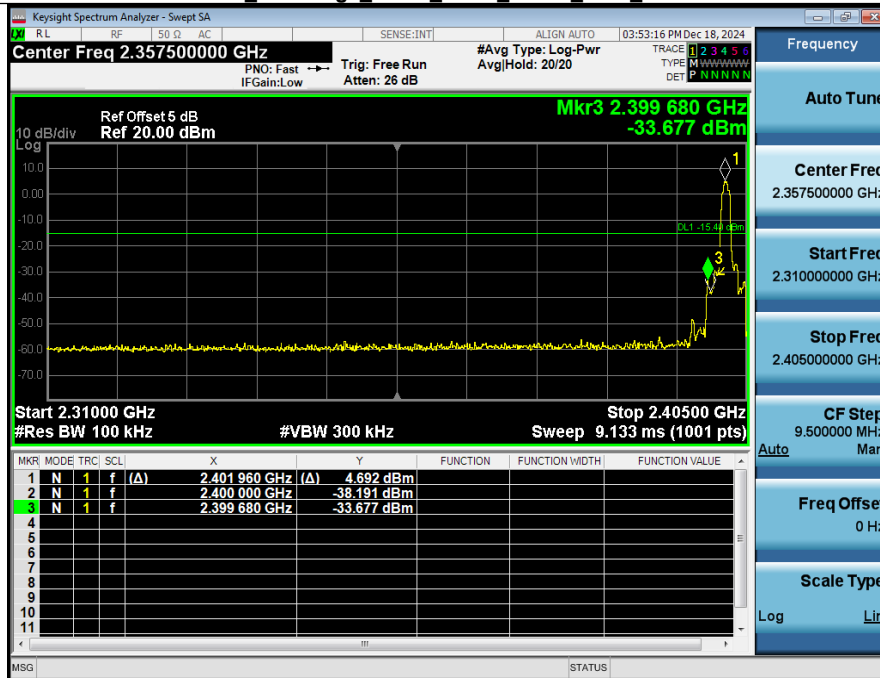
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



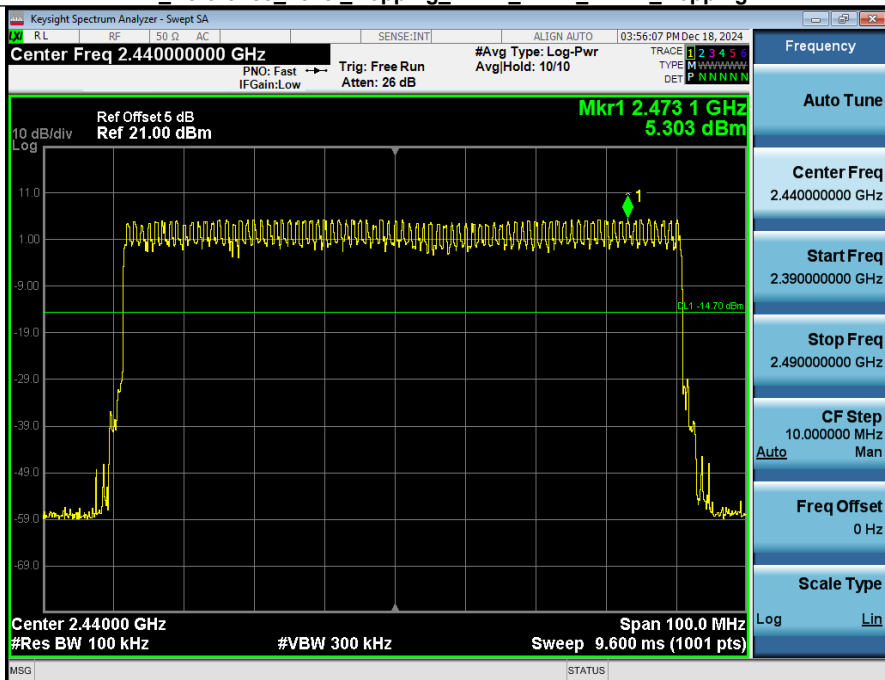
1_Reference_Level_NVNT_ANT1_2-DH1_2402_00



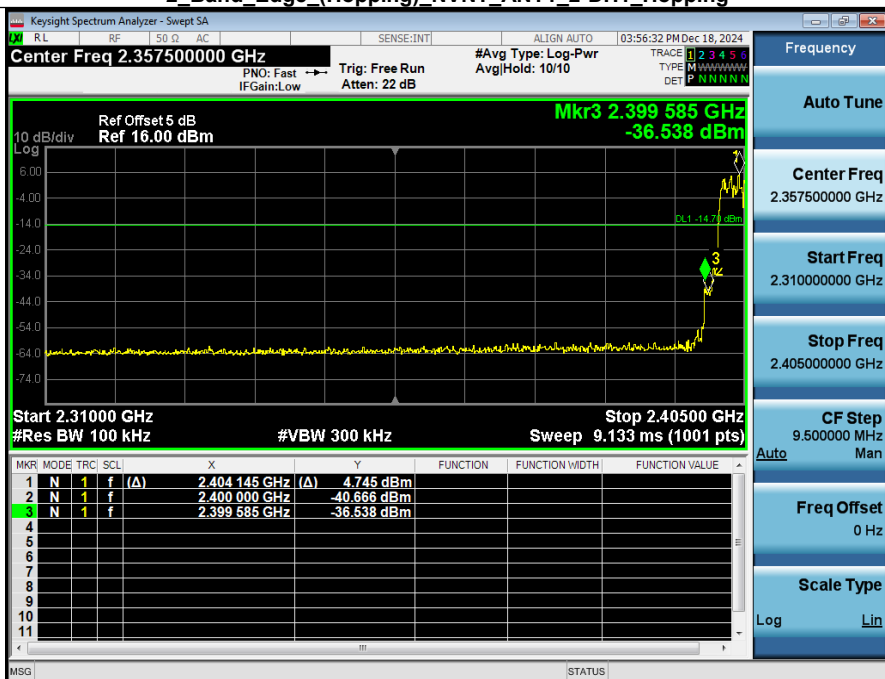
2_Bandedge_NVNT_ANT1_2-DH1_2402_00



1 Reference_Level_Hopping_NVNT_ANT1_2-DH1_Hopping



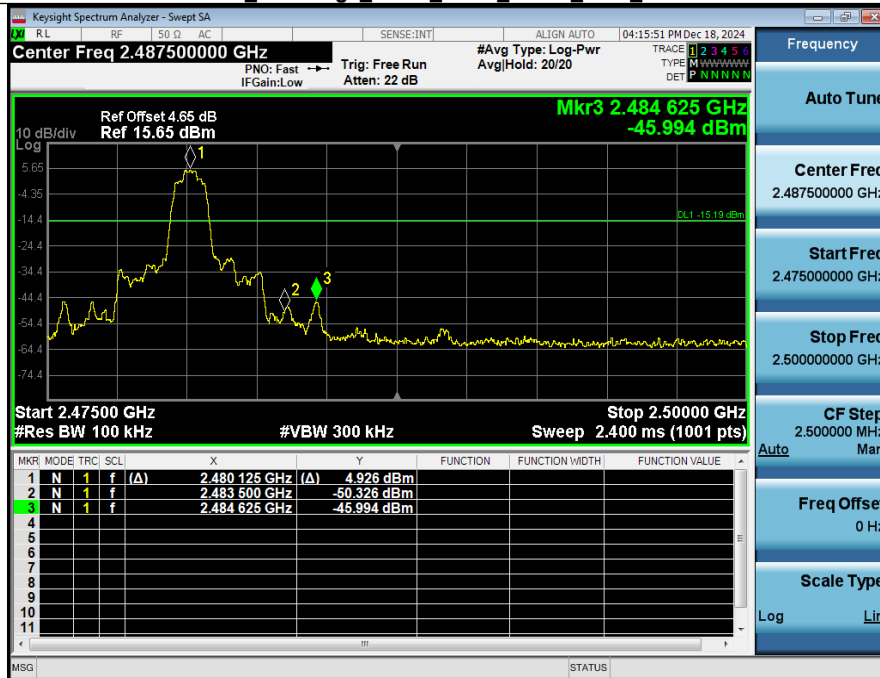
2_Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



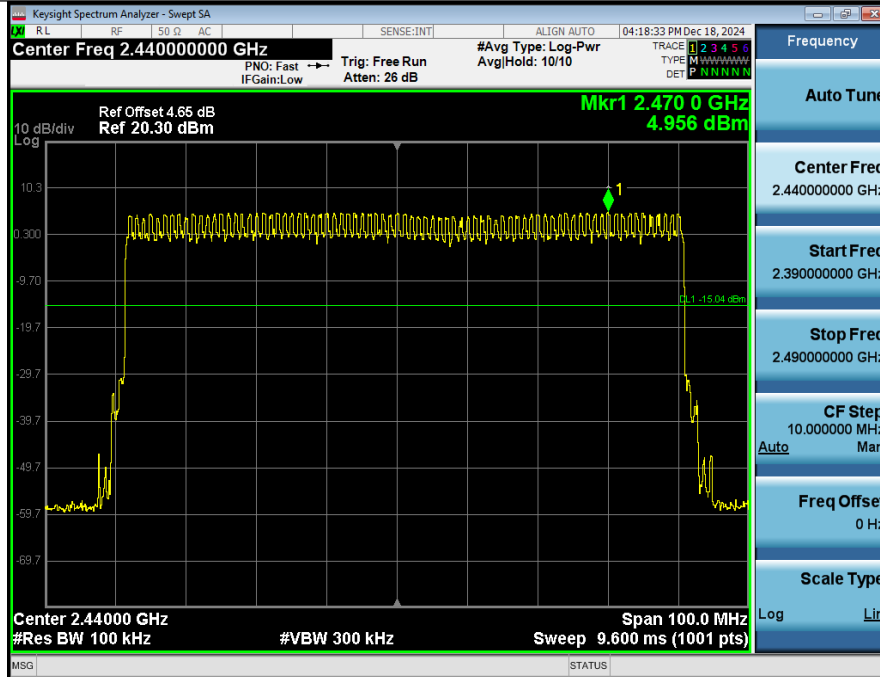
1_Reference_Level_NVNT_ANT1_2-DH1_2480_00



2_Bandedge_NVNT_ANT1_2-DH1_2480_00



1 Reference Level Hopping NVNT_ANT1_2-DH1_Hopping



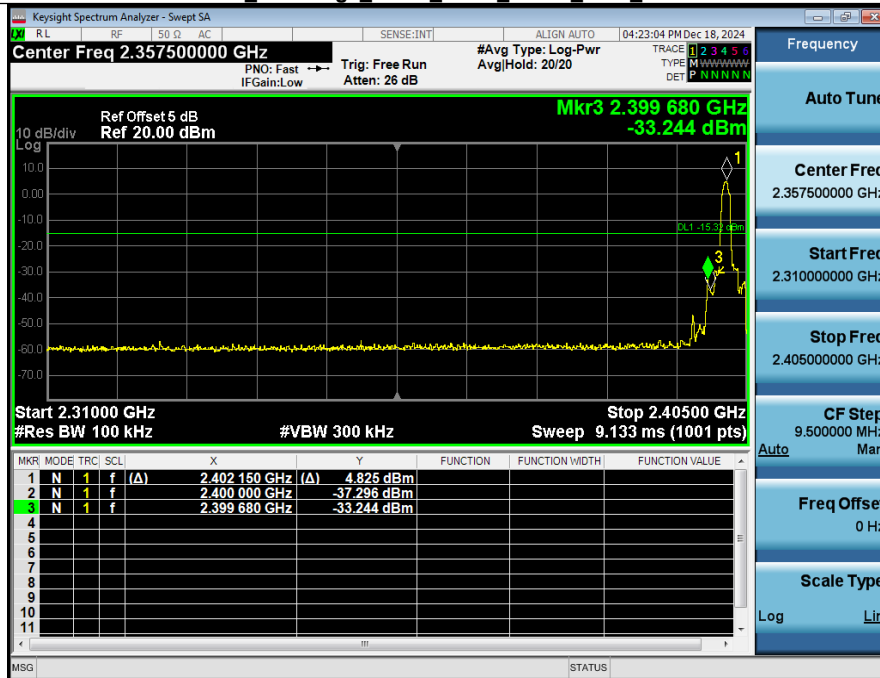
2 Band_Edge_(Hopping)_NVNT_ANT1_2-DH1_Hopping



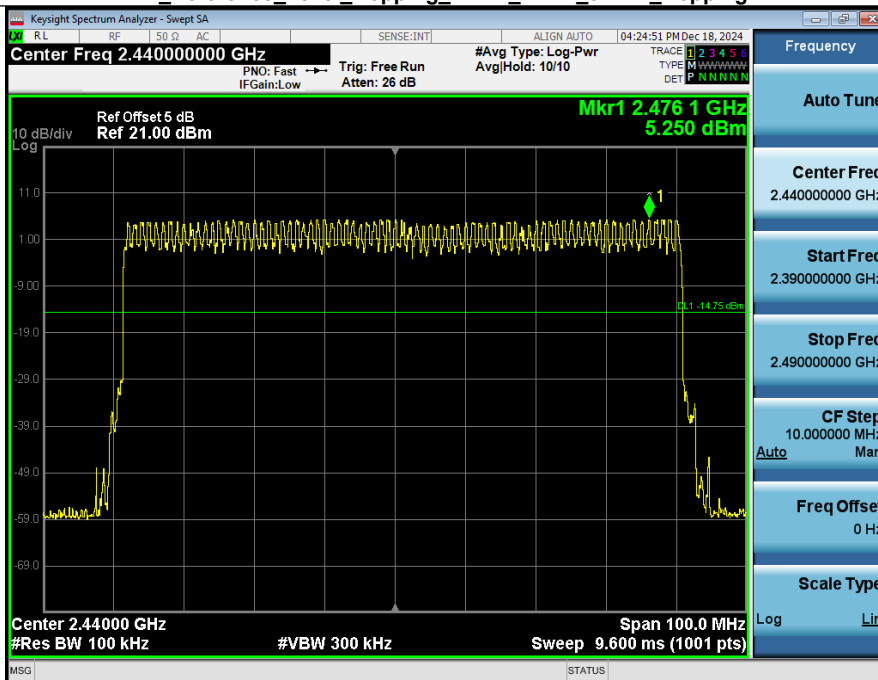
1_Reference_Level_NVNT_ANT1_3-DH1_2402_00



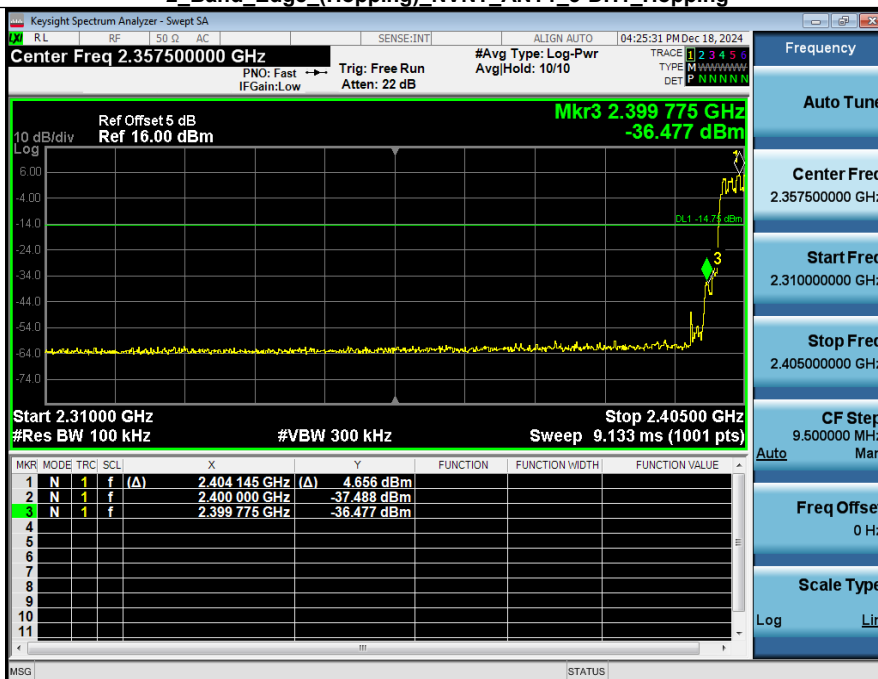
2_Bandedge_NVNT_ANT1_3-DH1_2402_00



1 Reference Level Hopping NVNT_ANT1_3-DH1_Hopping



2 Band_Edge_(Hopping)_NVNT_ANT1_3-DH1_Hopping



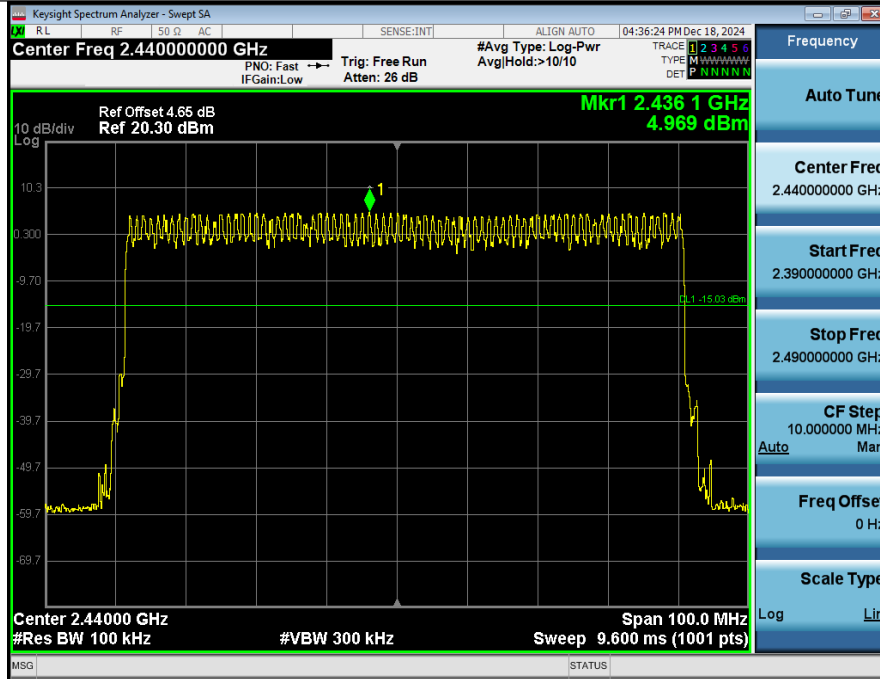
1_Reference_Level_NVNT_ANT1_3-DH1_2480_00



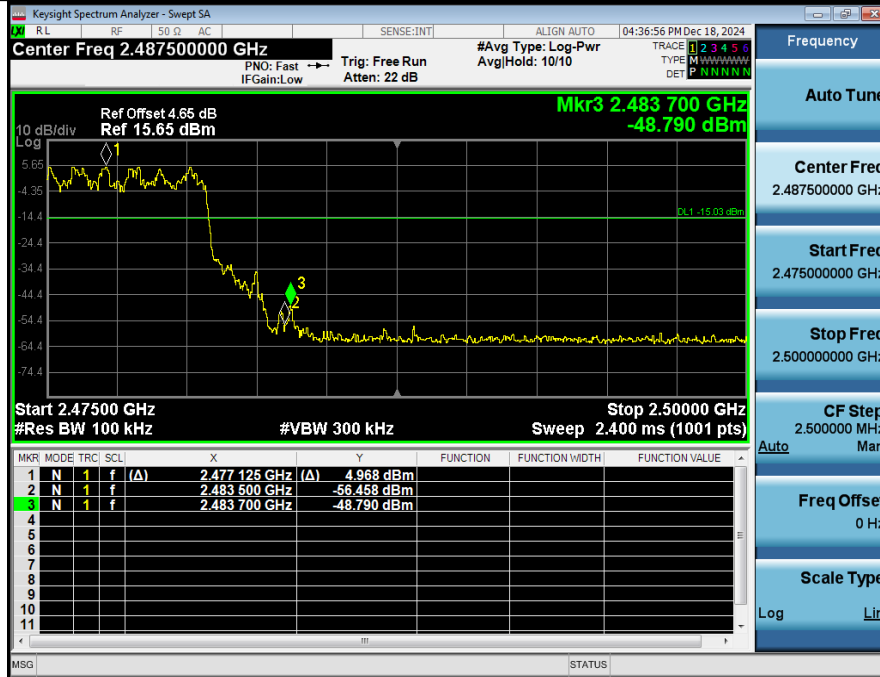
2_Bandedge_NVNT_ANT1_3-DH1_2480_00



1 Reference Level Hopping NVNT ANT1 3-DH1 Hopping

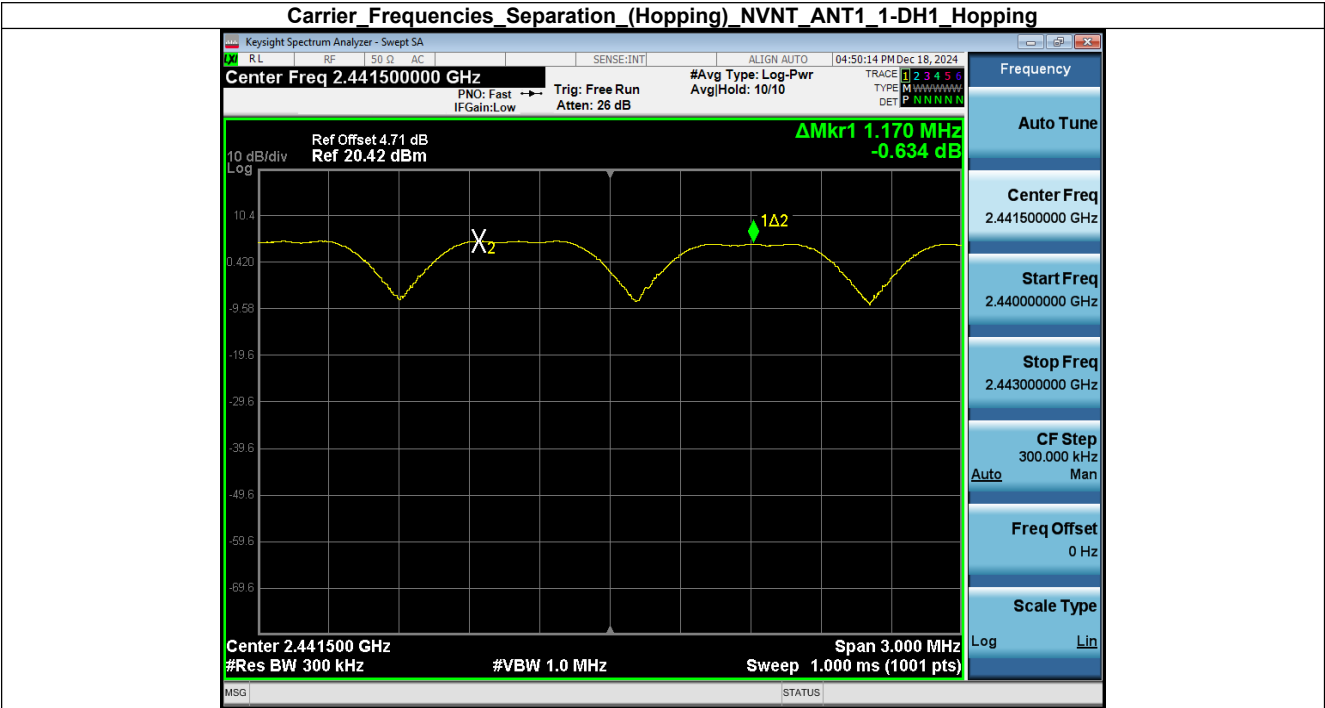
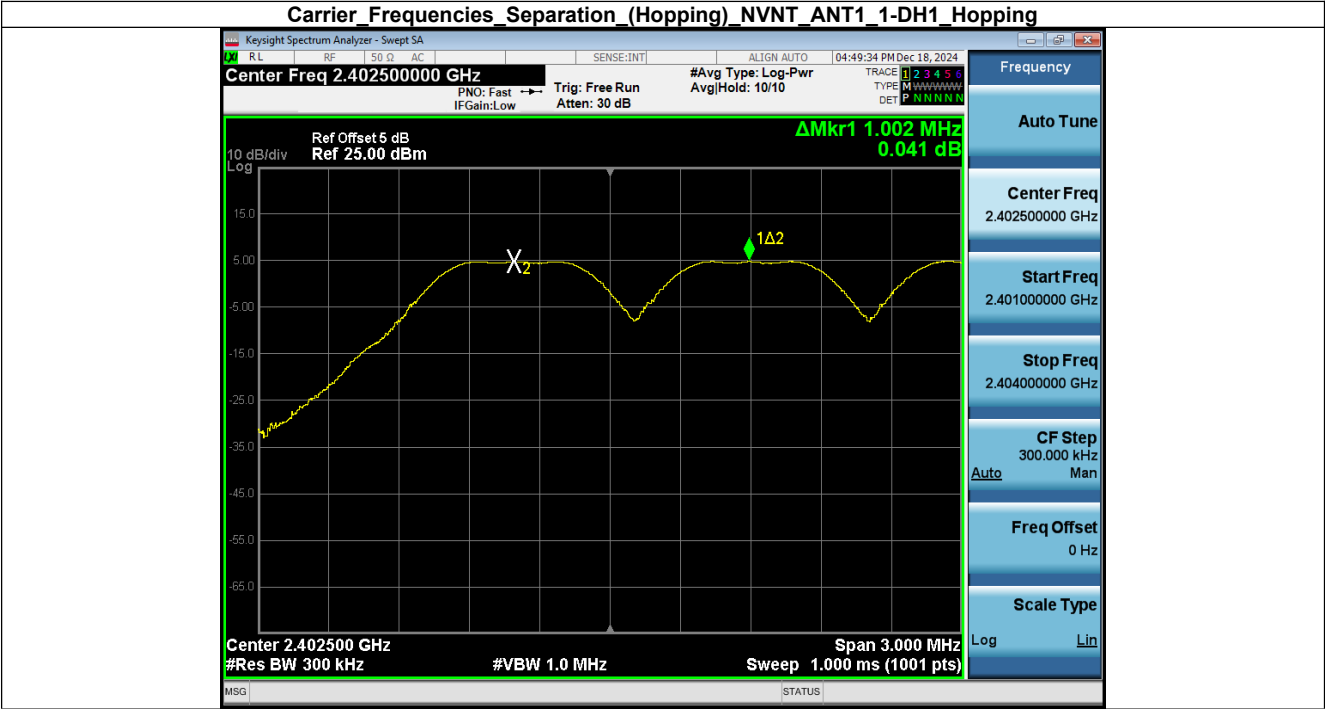


2 Band Edge (Hopping) NVNT ANT1 3-DH1 Hopping

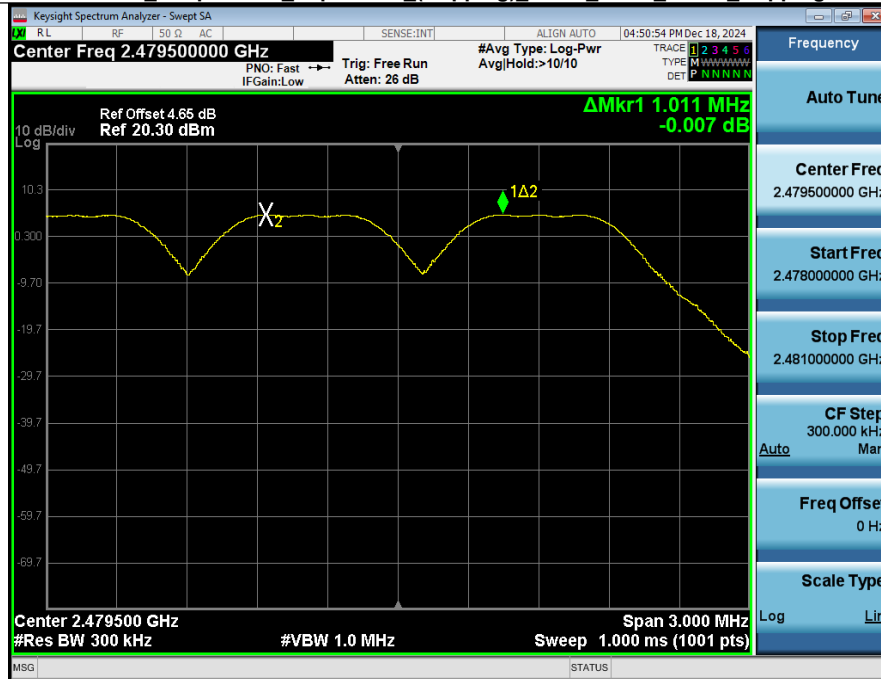


7. Carrier Frequencies Separation (Hopping)

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	2402.092	2403.094	1.00	0.932	Pass
NVNT	ANT1	1-DH1	2441.00	2440.942	2442.112	1.17	0.933	Pass
NVNT	ANT1	1-DH1	2480.00	2478.936	2479.947	1.01	0.934	Pass
NVNT	ANT1	2-DH1	2402.00	2402.116	2403.109	0.99	0.872	Pass
NVNT	ANT1	2-DH1	2441.00	2441.119	2442.127	1.01	0.869	Pass
NVNT	ANT1	2-DH1	2480.00	2479.113	2480.106	0.99	0.867	Pass
NVNT	ANT1	3-DH1	2402.00	2402.104	2403.097	0.99	0.827	Pass
NVNT	ANT1	3-DH1	2441.00	2441.089	2442.100	1.01	0.828	Pass
NVNT	ANT1	3-DH1	2480.00	2479.104	2480.115	1.01	0.830	Pass



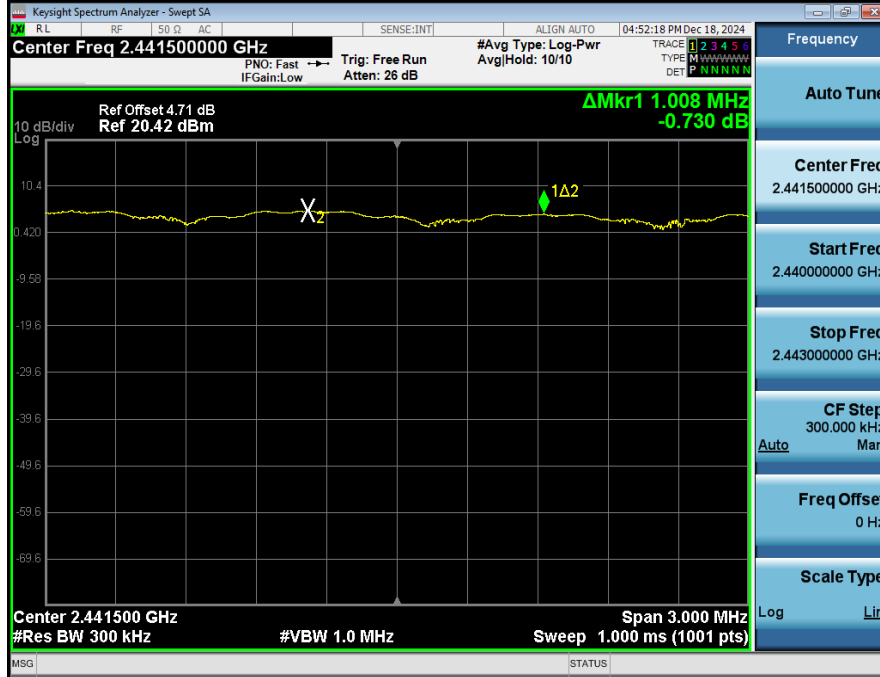
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



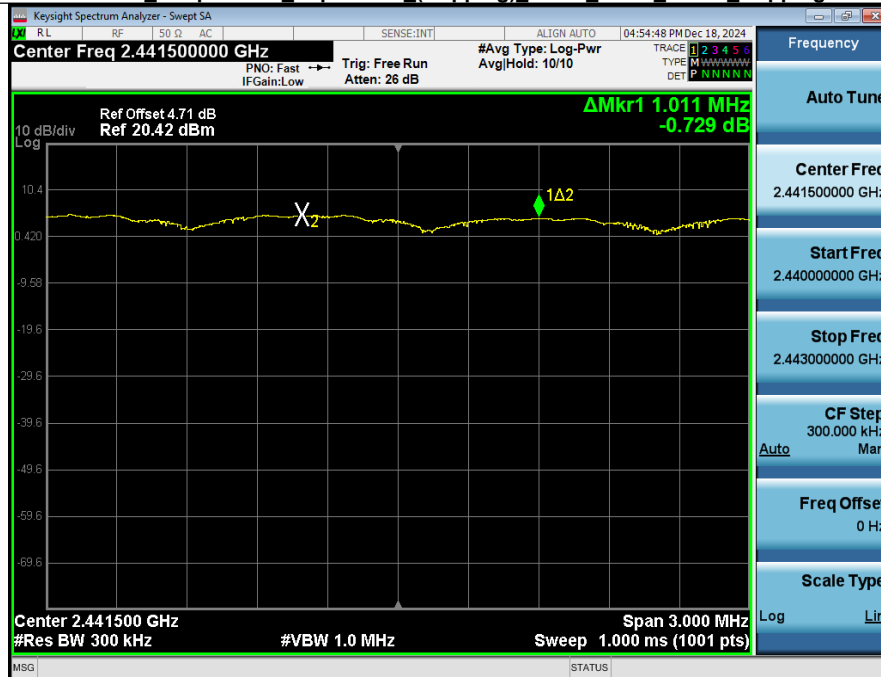
Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_2-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping



Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

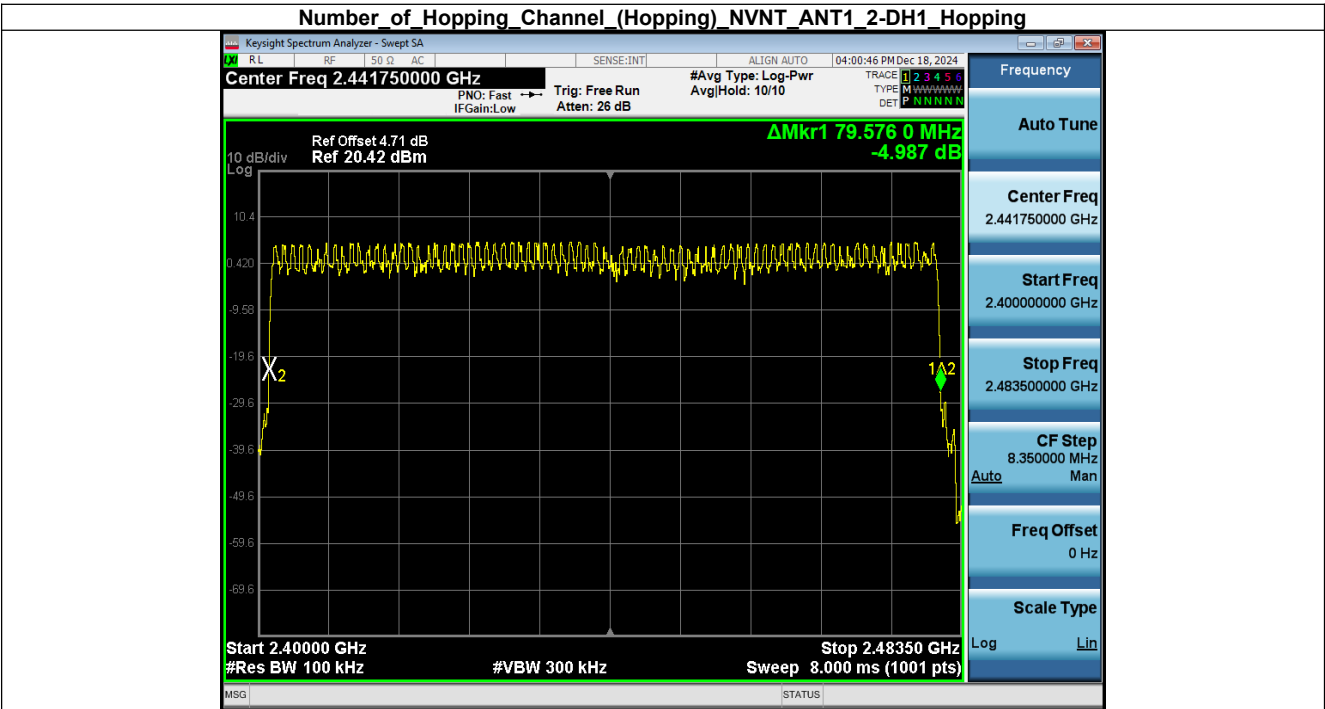
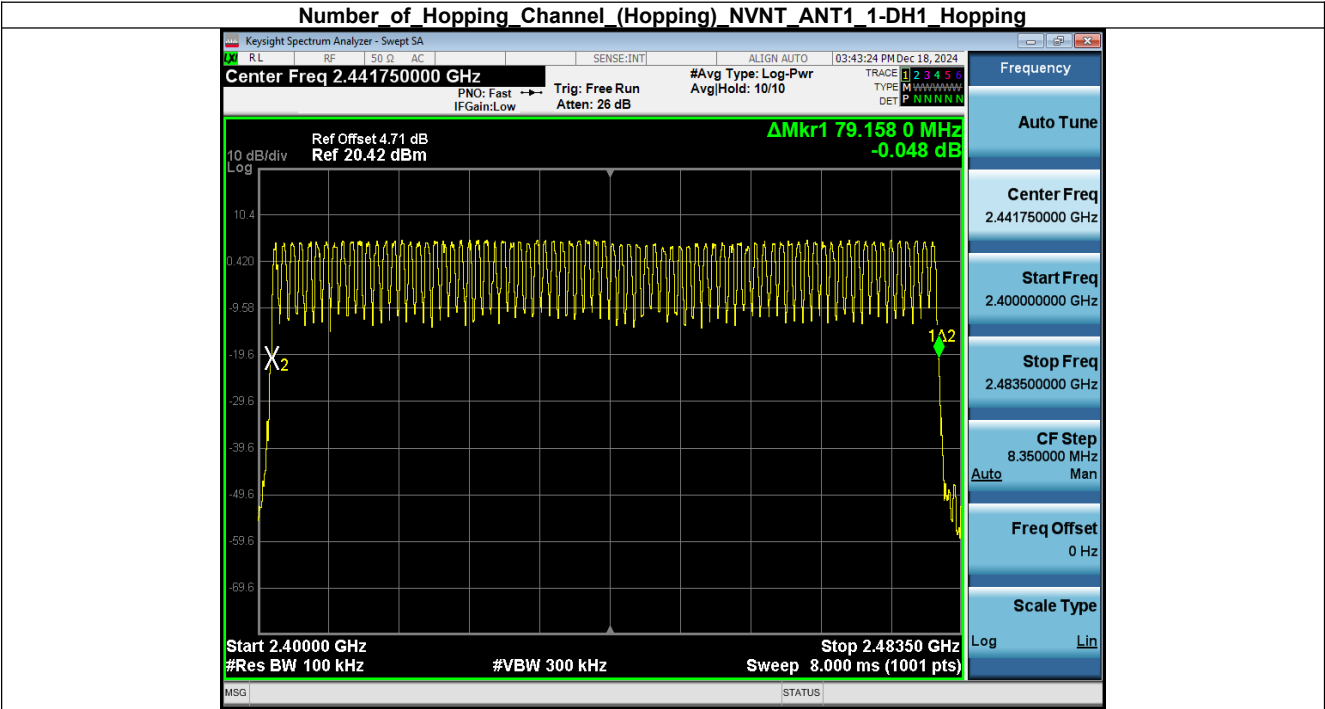


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_3-DH1_Hopping

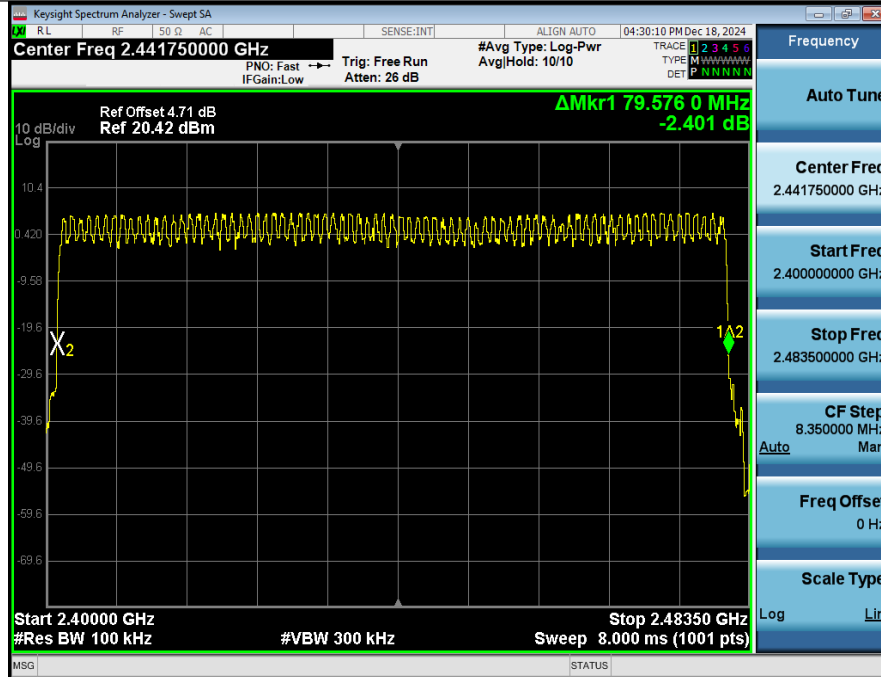


8. Number of Hopping Channel (Hopping)

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

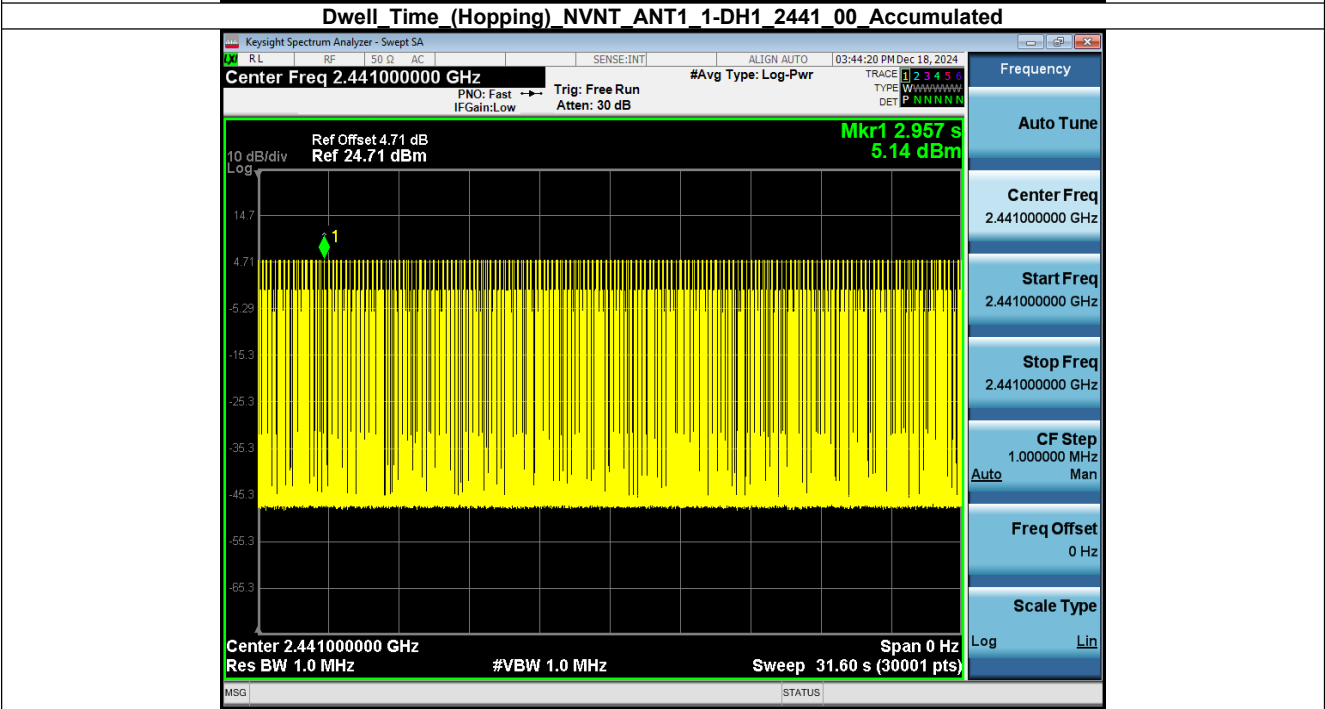
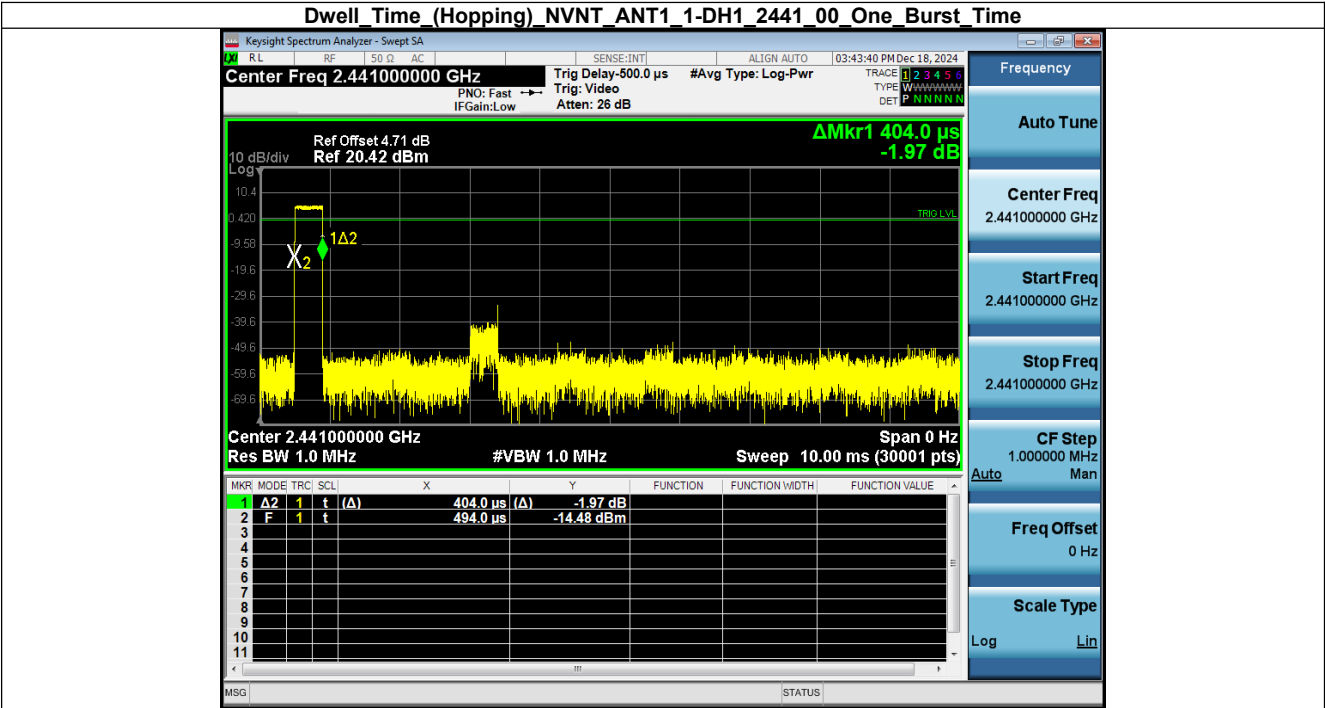


Number_of_Hopping_Channel_(Hopping)_NVNT_ANT1_3-DH1_Hopping

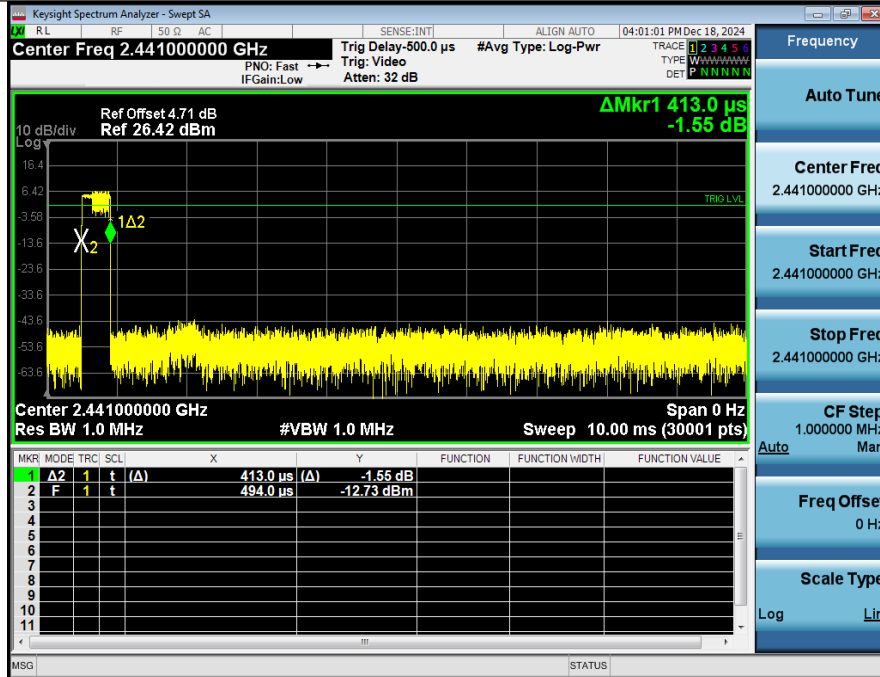


9. Dwell Time (Hopping)

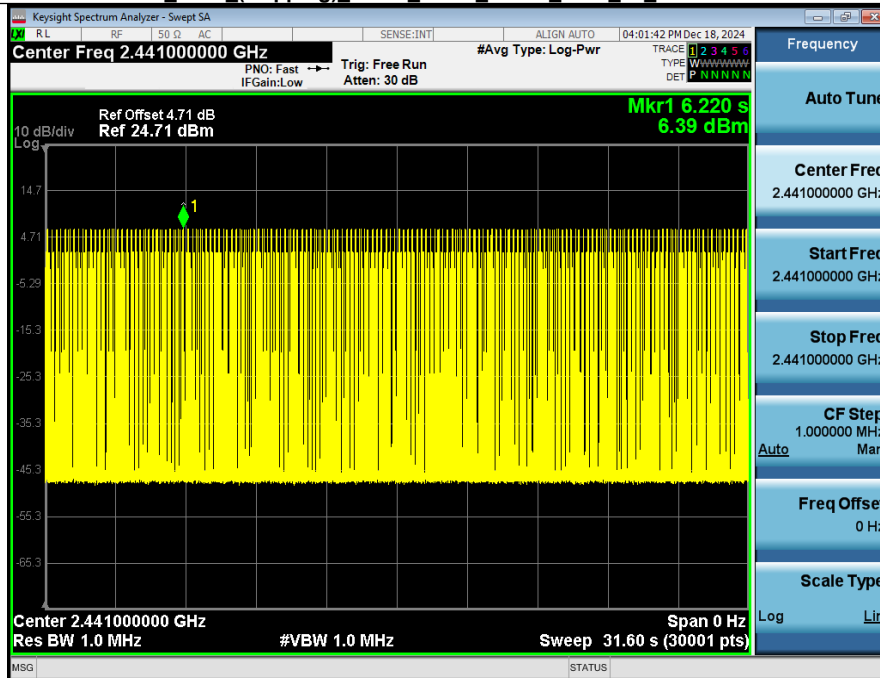
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.404	321.00	129.684	0.40	Pass
NVNT	ANT1	2-DH1	0.413	320.00	132.160	0.40	Pass
NVNT	ANT1	3-DH1	0.413	320.00	132.160	0.40	Pass
NVNT	ANT1	1-DH3	1.660	156.00	258.960	0.40	Pass
NVNT	ANT1	1-DH5	2.908	106.00	308.248	0.40	Pass
NVNT	ANT1	2-DH3	1.665	158.00	263.070	0.40	Pass
NVNT	ANT1	2-DH5	2.913	102.00	297.126	0.40	Pass
NVNT	ANT1	3-DH3	1.661	159.00	264.099	0.40	Pass
NVNT	ANT1	3-DH5	2.890	112.00	323.680	0.40	Pass



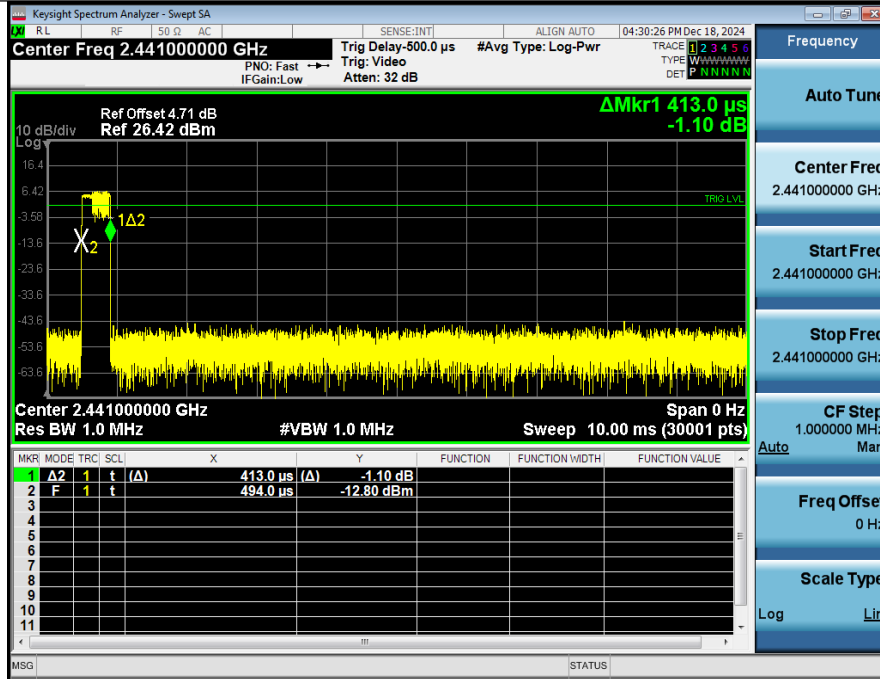
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_One_Burst_Time



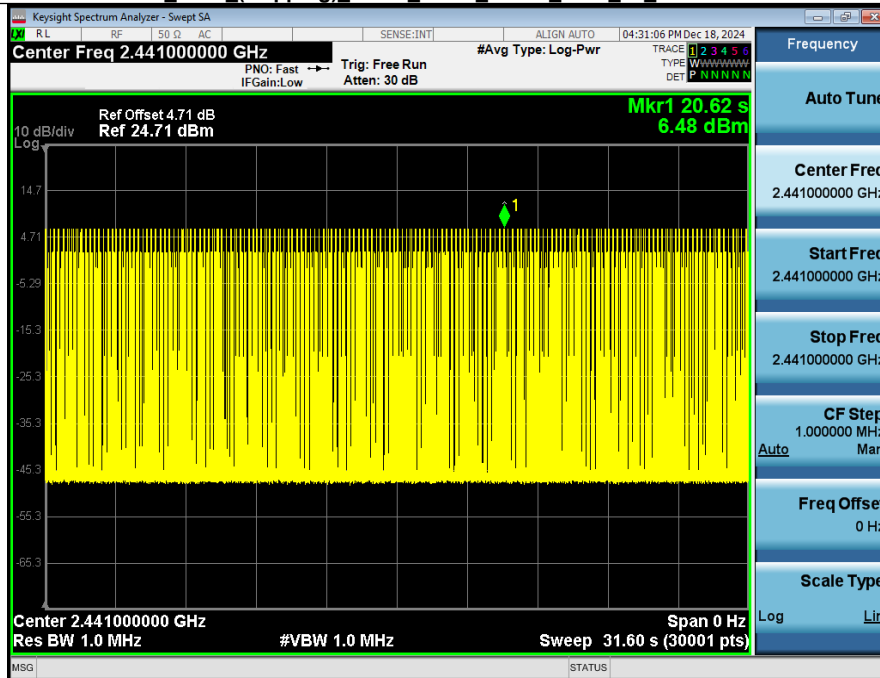
Dwell Time (Hopping) NVNT_ANT1_2-DH1_2441_00_Accumulated



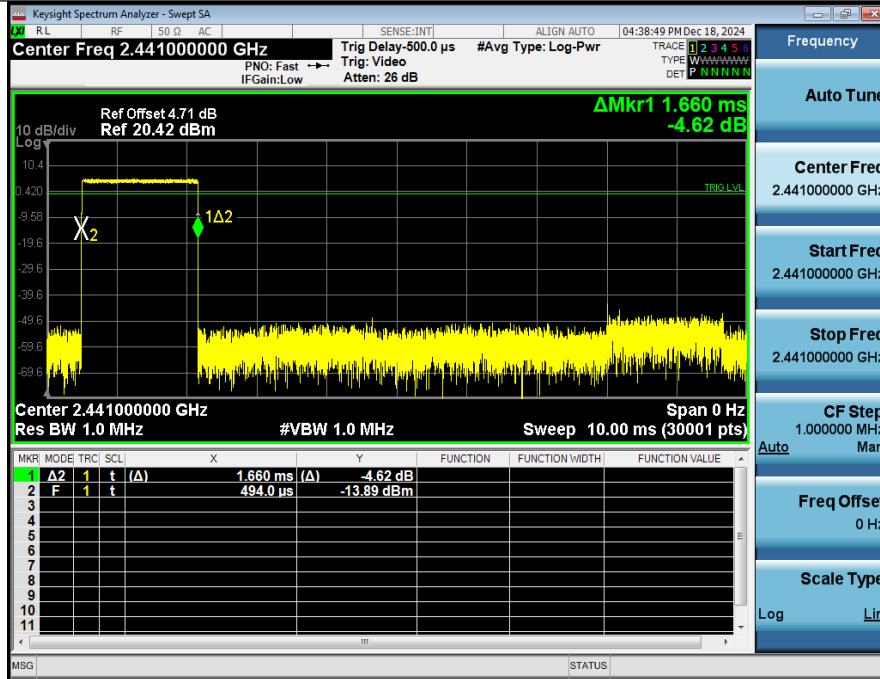
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_One_Burst_Time



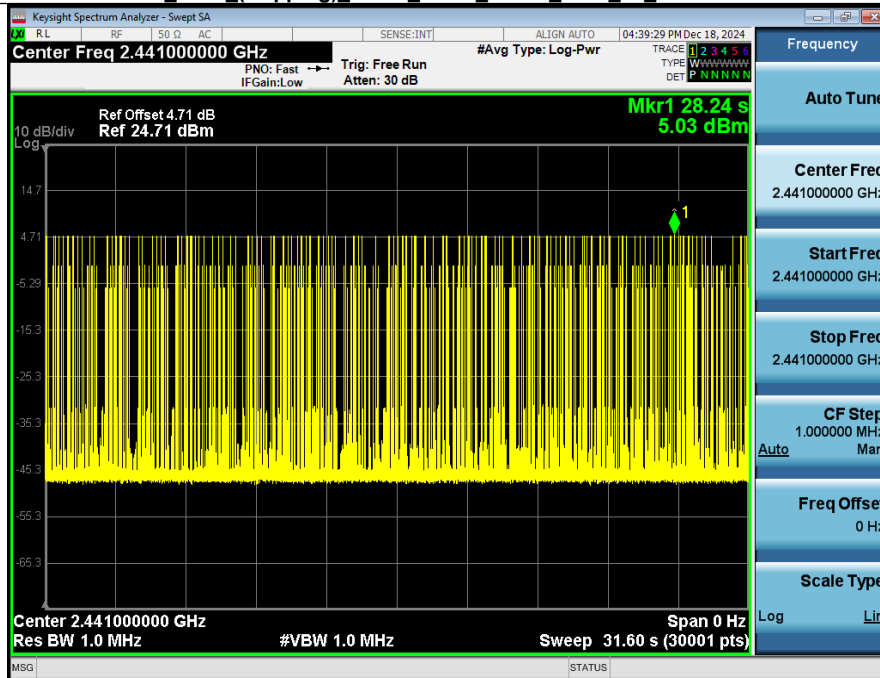
Dwell Time (Hopping) NVNT_ANT1_3-DH1_2441_00_Accumulated



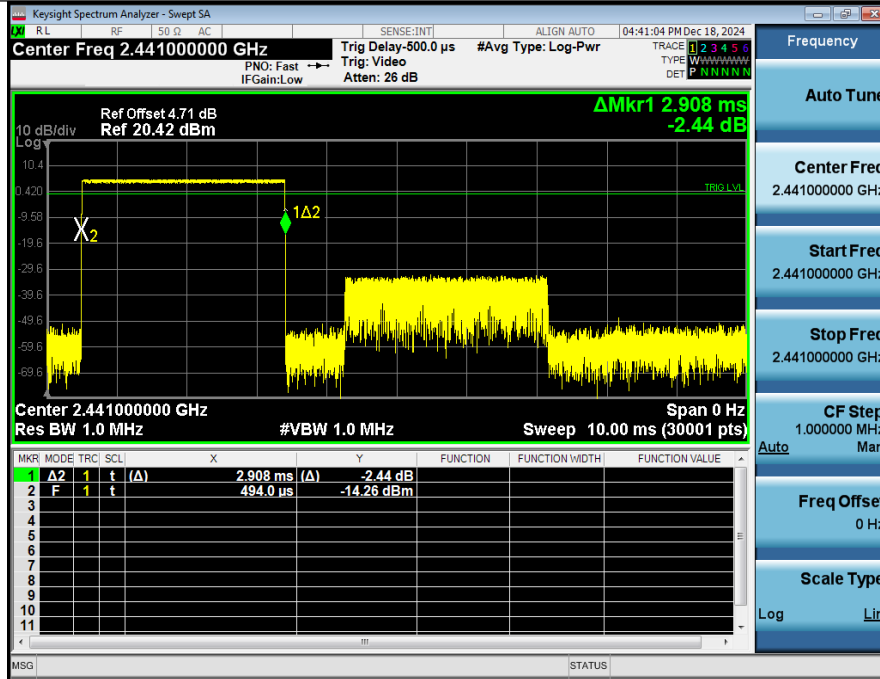
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



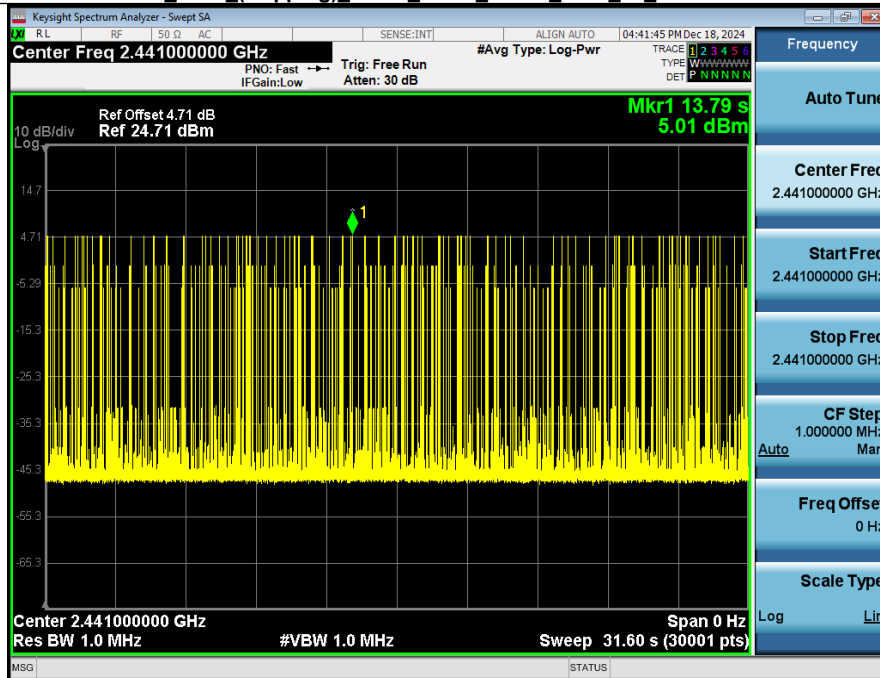
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_Accumulated



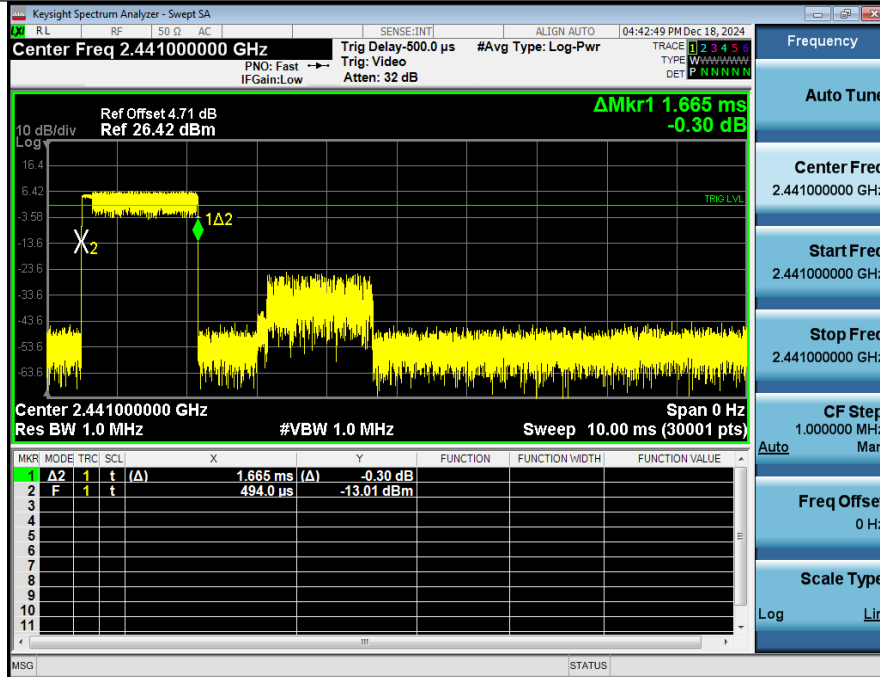
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_One_Burst Time



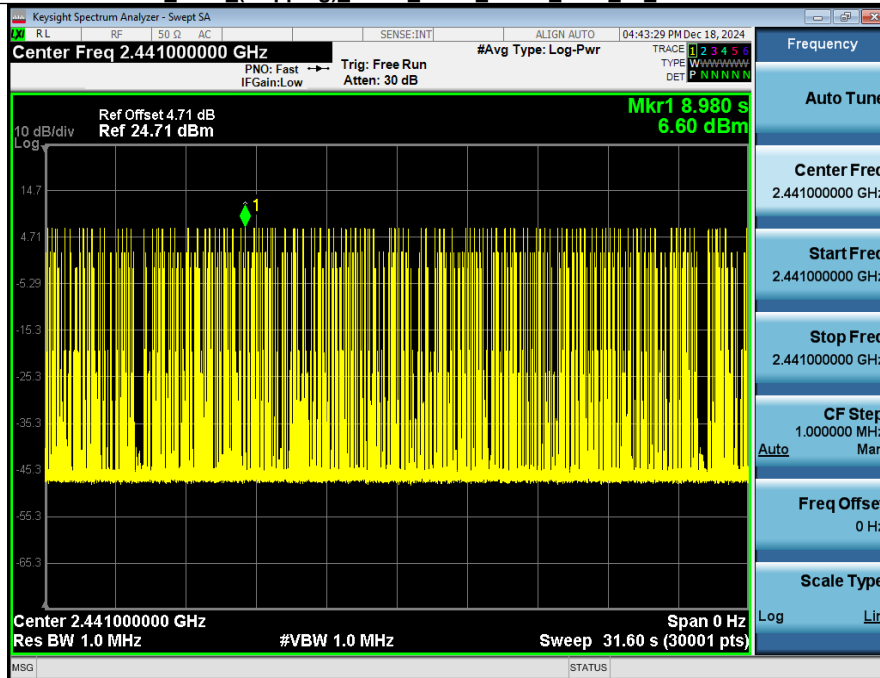
Dwell Time (Hopping) NVNT_ANT1_1-DH5_2441_00_Accumulated



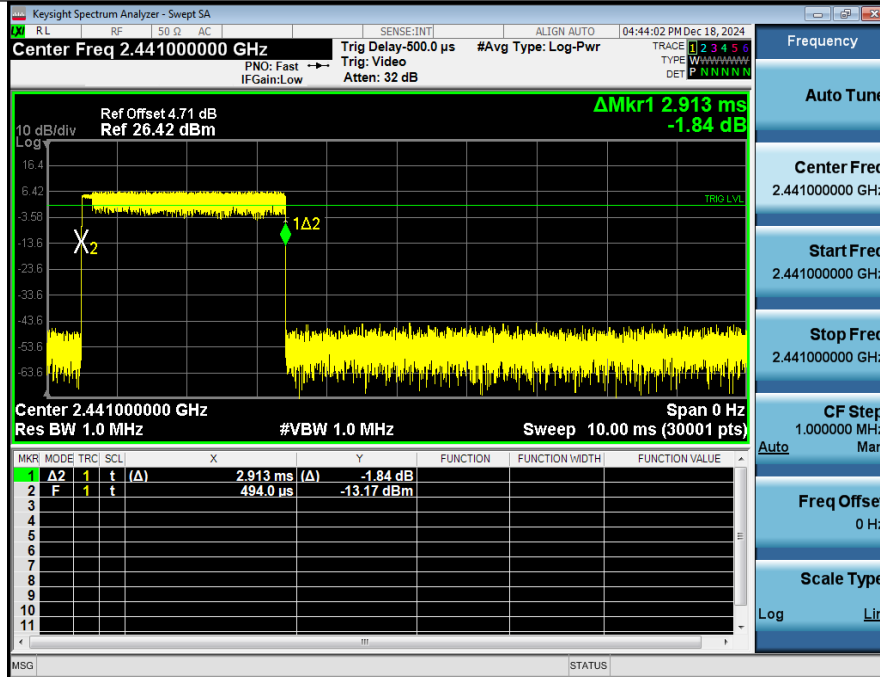
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_One_Burst_Time



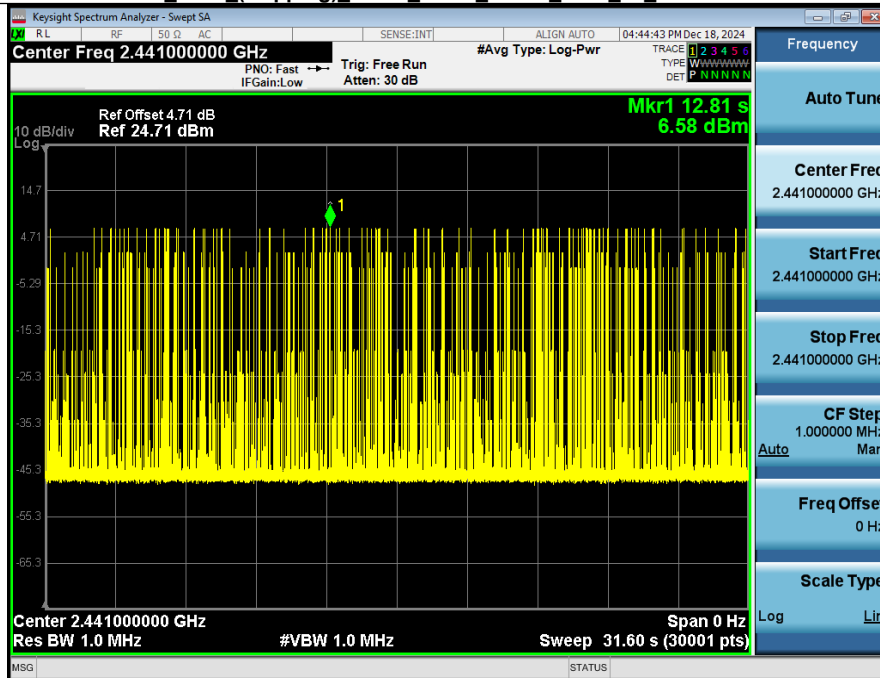
Dwell Time (Hopping) NVNT_ANT1_2-DH3_2441_00_Accumulated



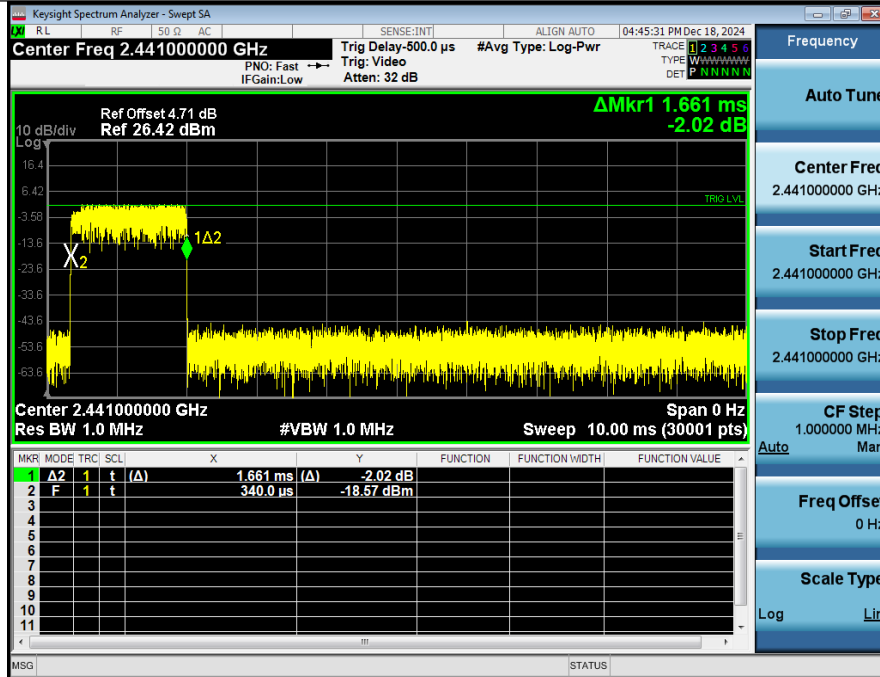
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_One_Burst_Time



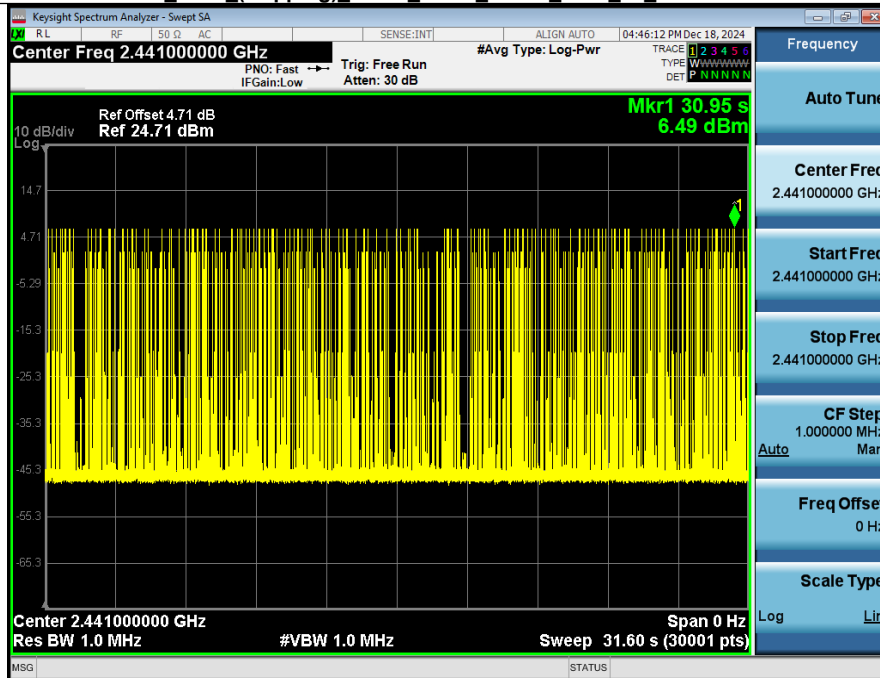
Dwell Time (Hopping) NVNT_ANT1_2-DH5_2441_00_Accumulated



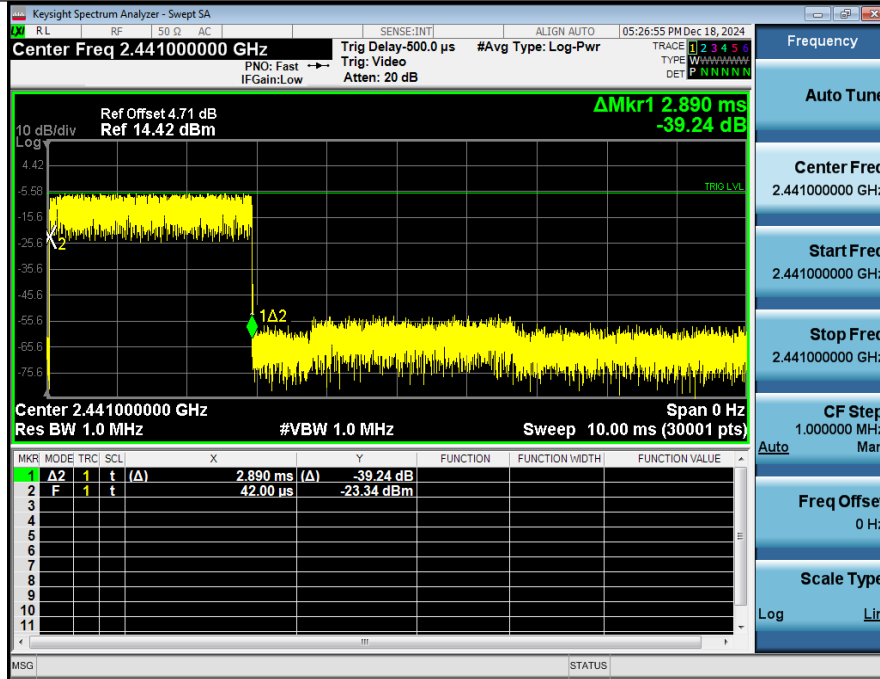
Dwell Time (Hopping) NVNT_ANT1_3-DH3_2441_00_One_Burst_Time



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

