

Table of Contents

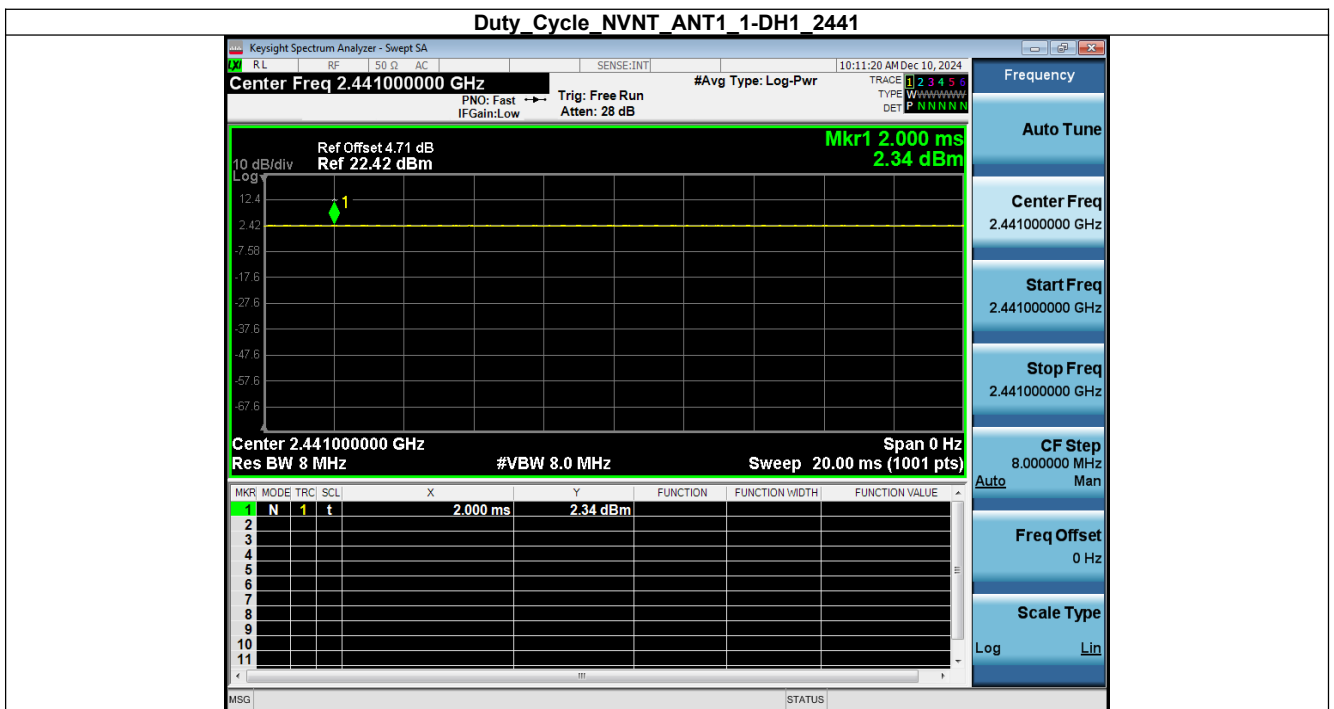
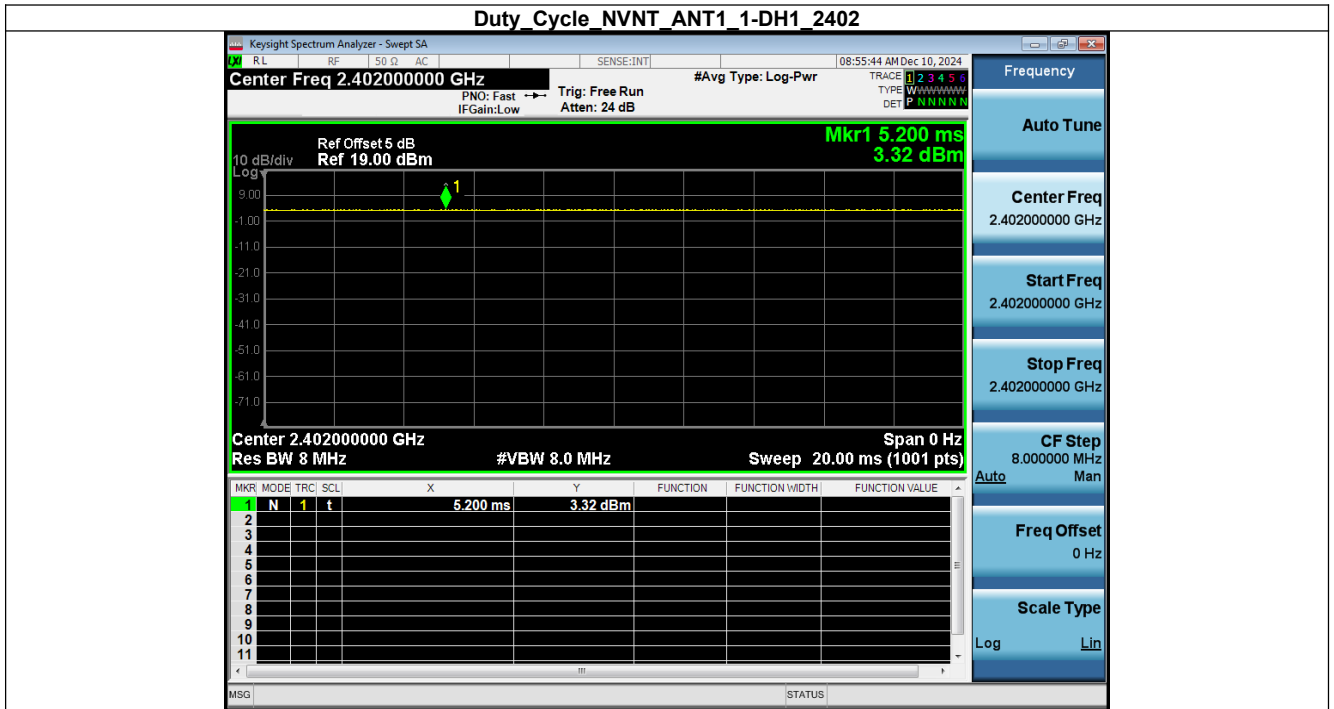
1. Duty Cycle	2
2. -20dB Bandwidth	4
3. 99% Occupied Bandwidth	6
4. Peak Output Power	8
5. Spurious Emissions	10
6. Bandedge	13
7. Carrier Frequencies Separation (Hopping)	17
8. Number of Hopping Channel (Hopping)	19
9. Dwell Time (Hopping)	20

FCC ID:2BDOP-LW-13MC

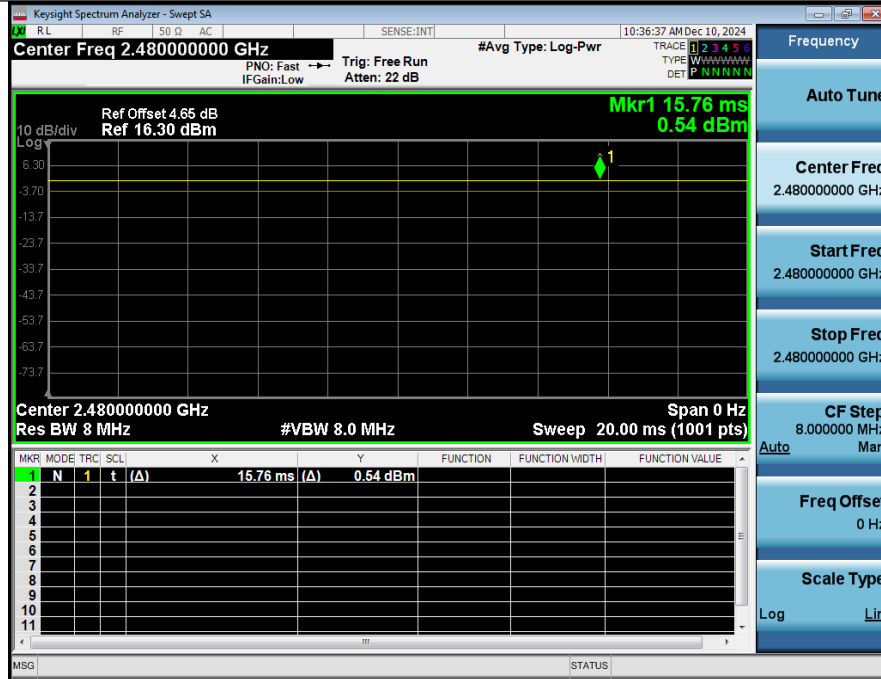
FCC_BT (Part15.247) Test Data

1. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH1	2402.00	100	0.00
NVNT	ANT1	1-DH1	2441.00	100	0.00
NVNT	ANT1	1-DH1	2480.00	100	0.00

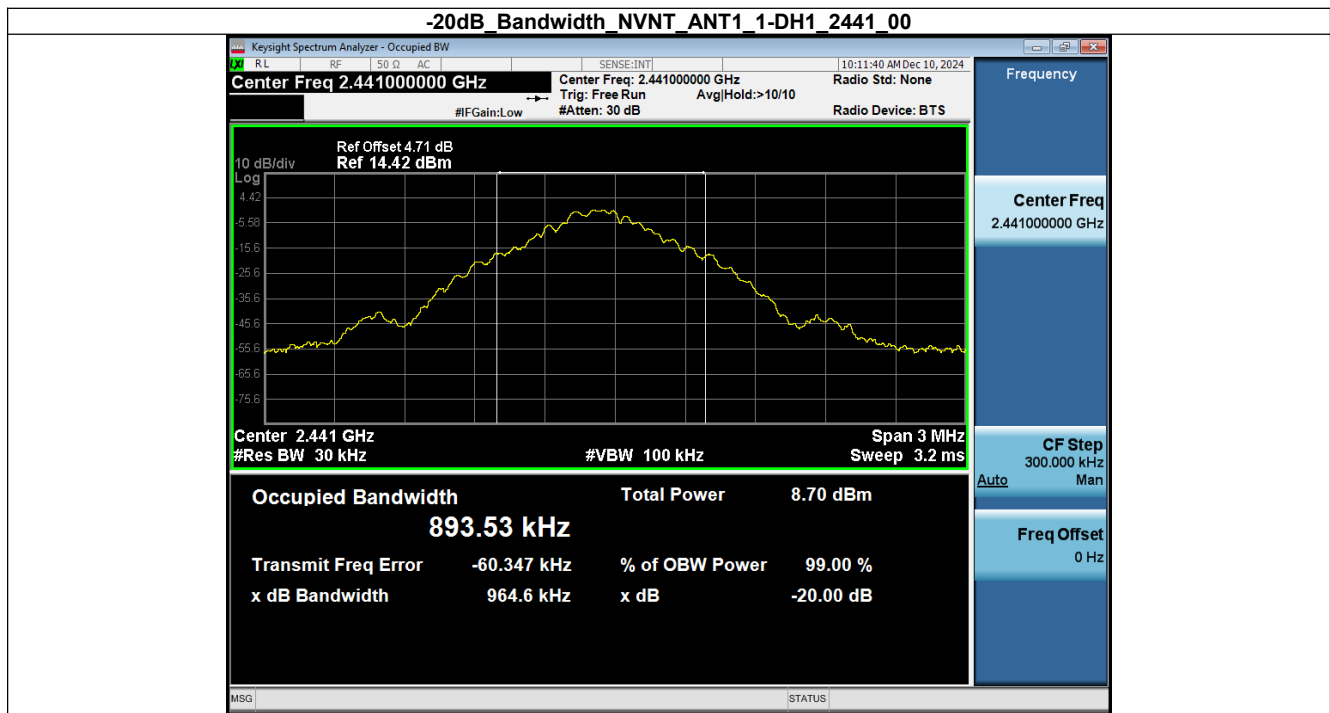
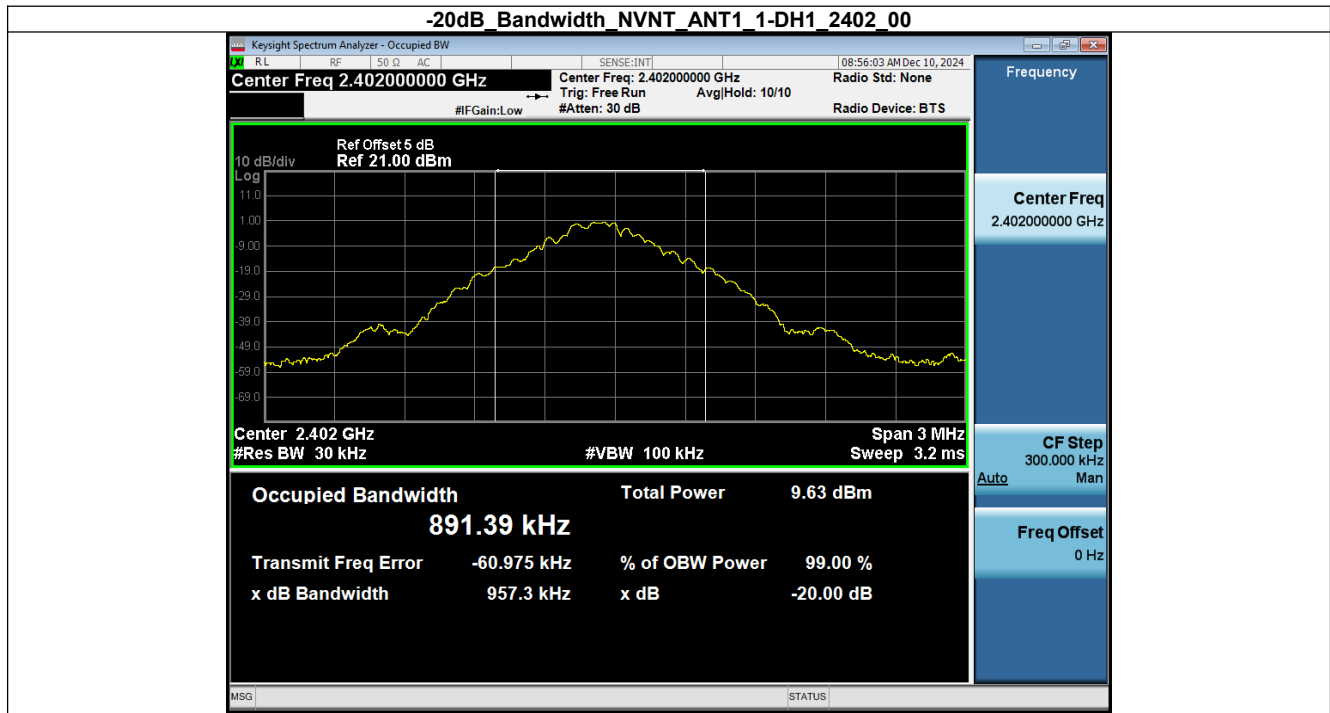


Duty_Cycle_NVNT_ANT1_1-DH1_2480

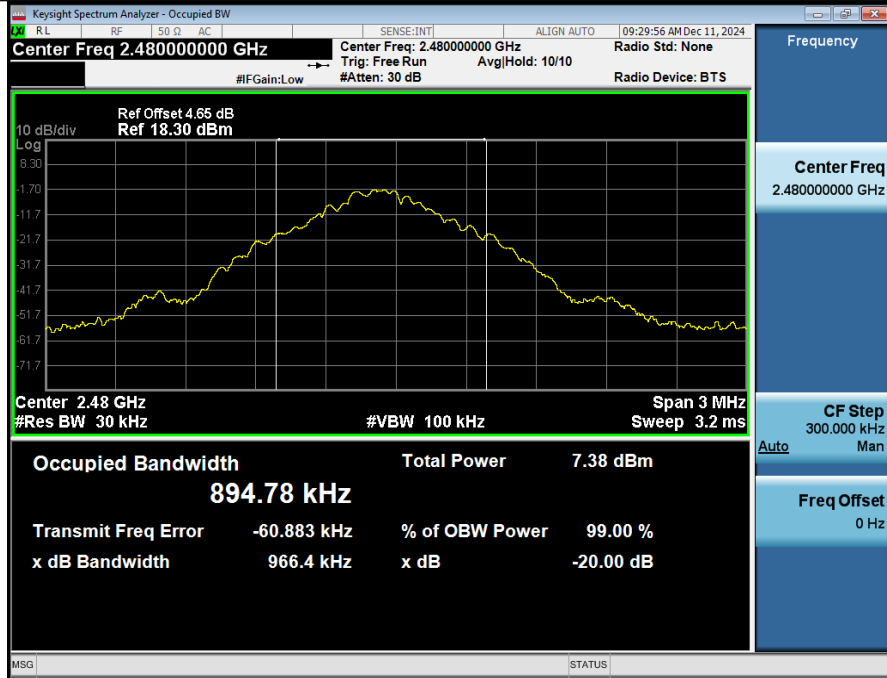


2. -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH1	2402.00	0.957	No
NVNT	ANT1	1-DH1	2441.00	0.965	No
NVNT	ANT1	1-DH1	2480.00	0.966	No

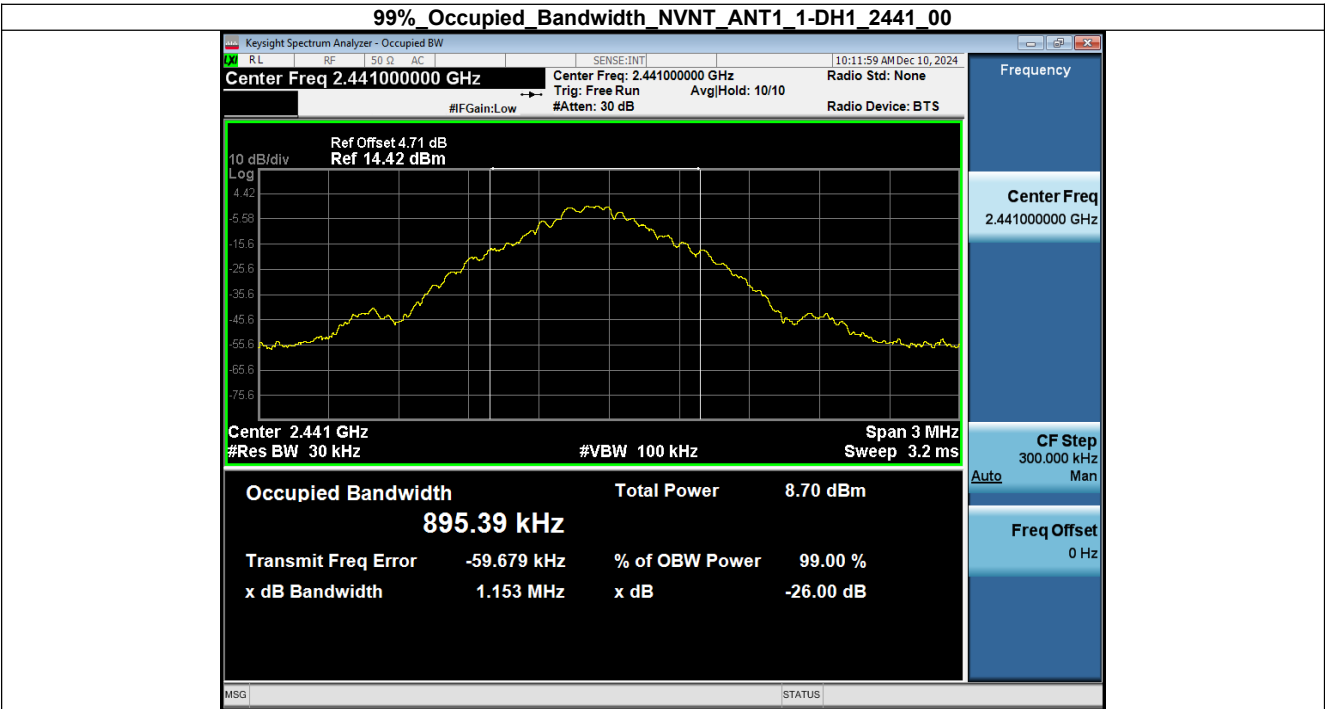
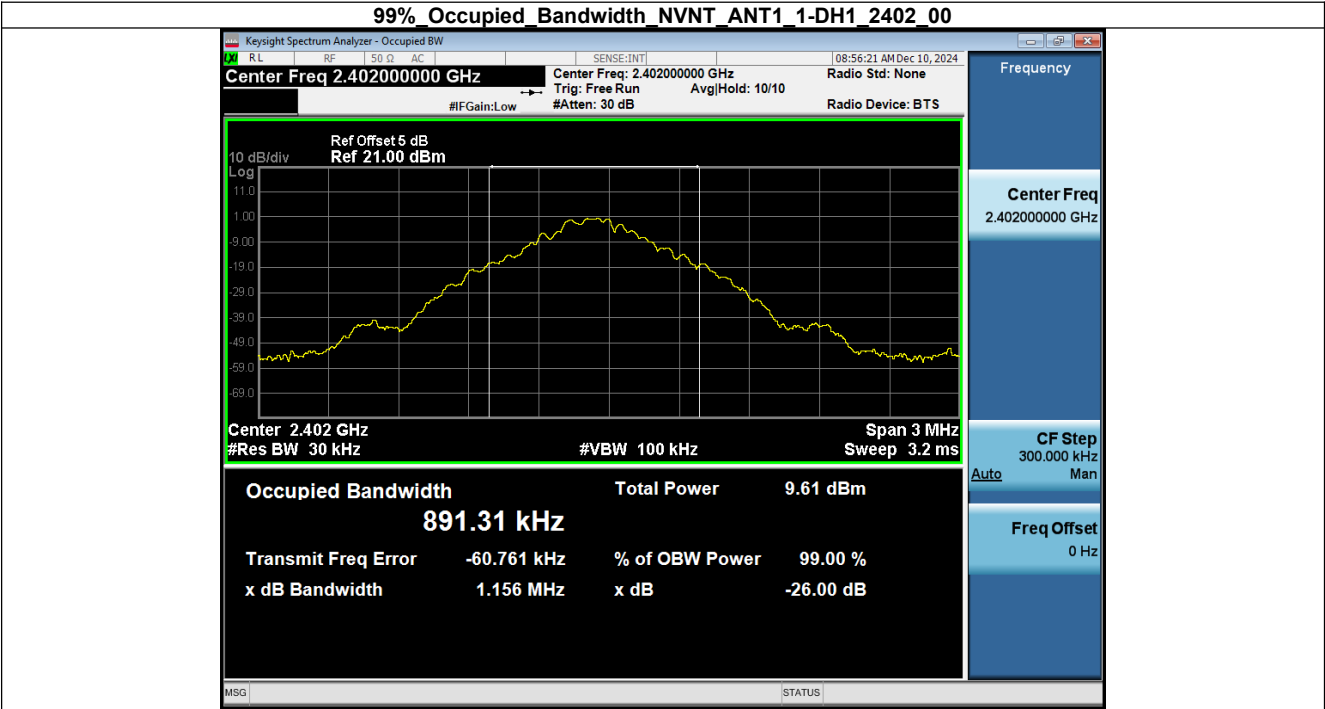


-20dB_Bandwidth_NVNT_ANT1_1-DH1_2480_00

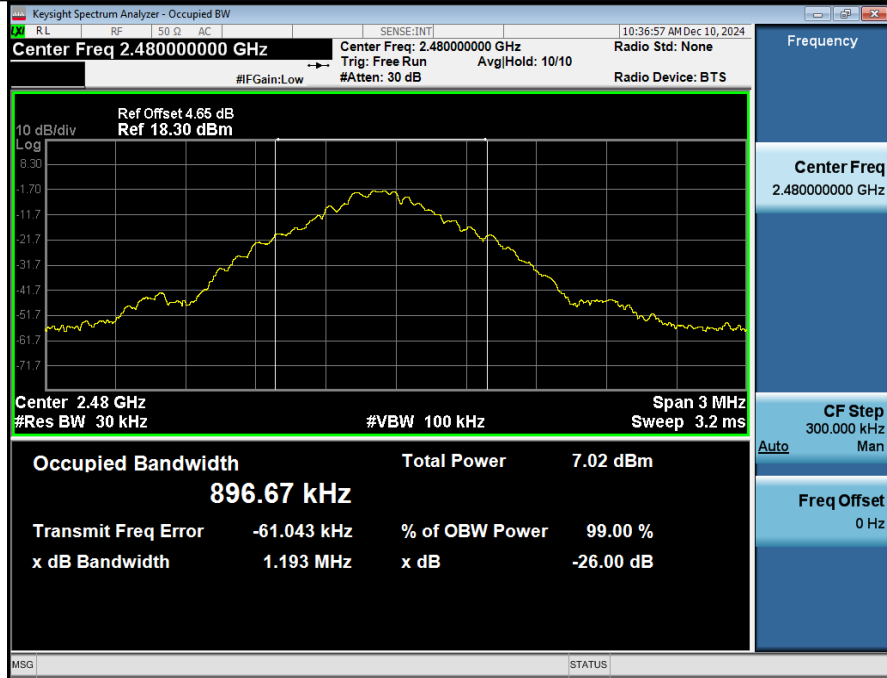


3. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	1-DH1	2402.00	0.891
NVNT	ANT1	1-DH1	2441.00	0.895
NVNT	ANT1	1-DH1	2480.00	0.897

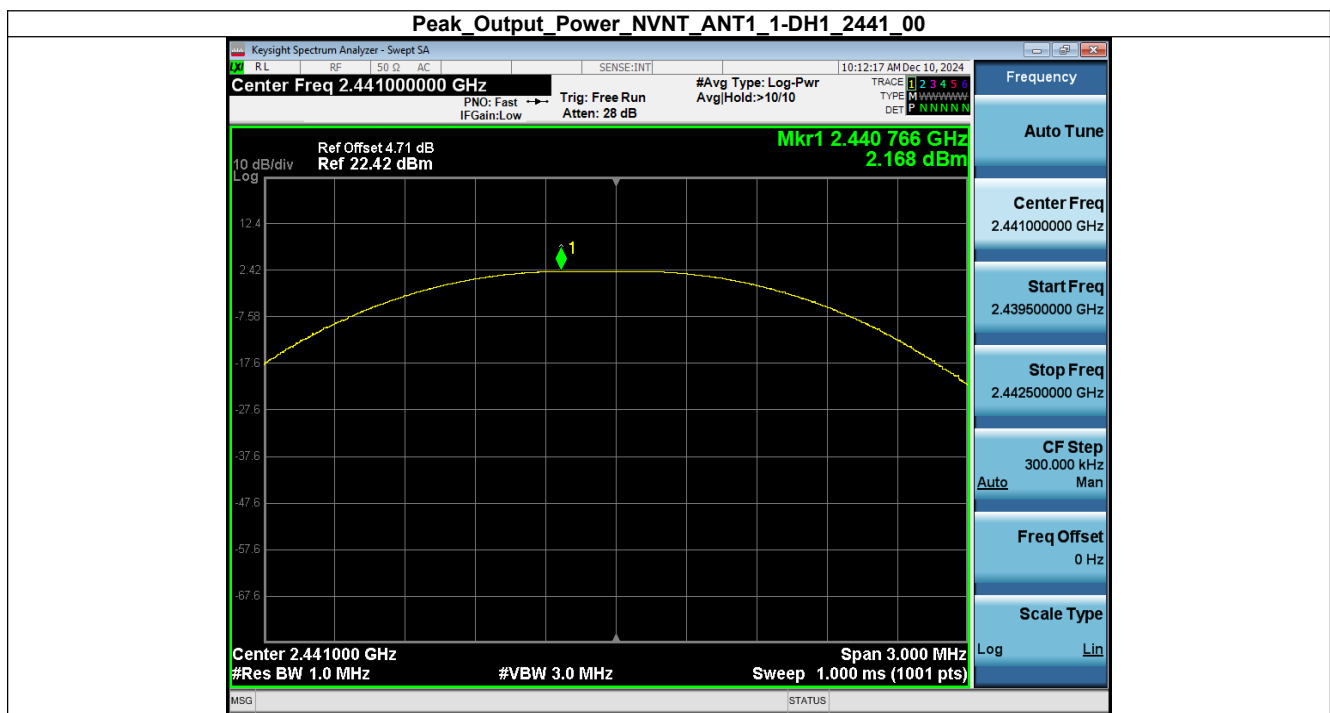
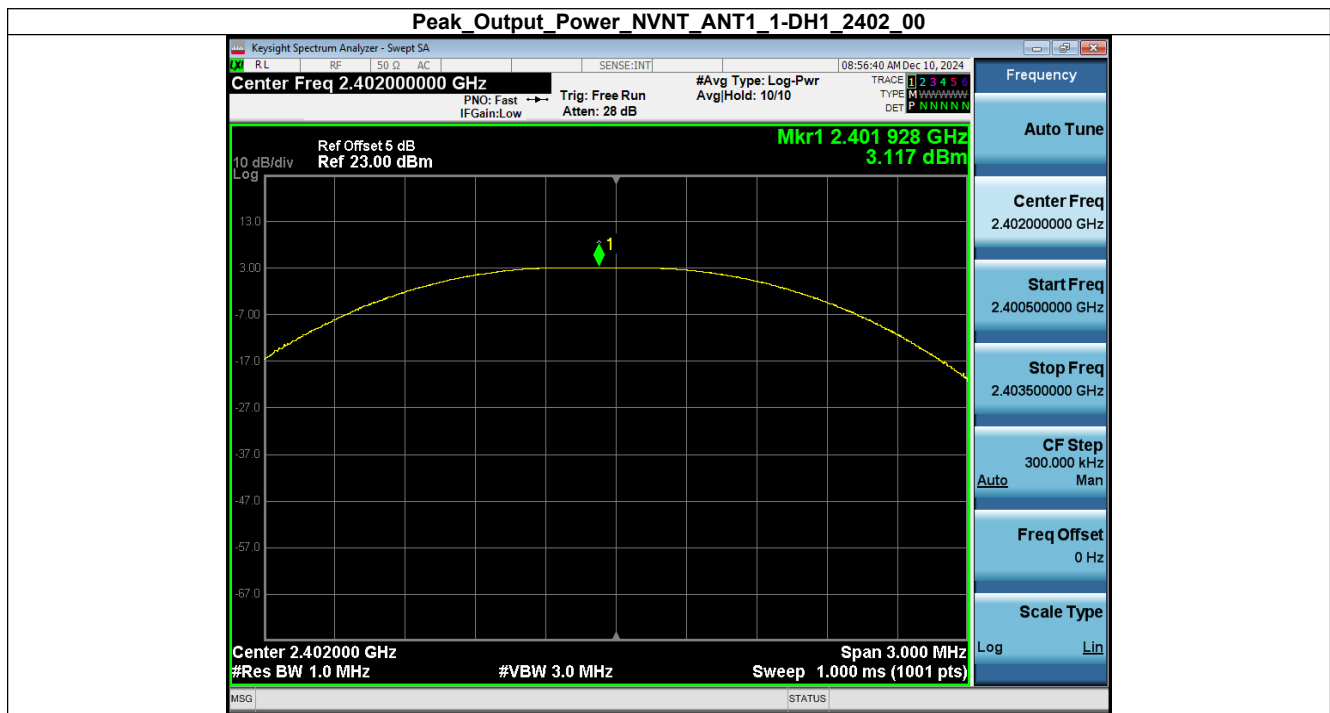


99% Occupied Bandwidth_NVNT_ANT1_1-DH1_2480_00

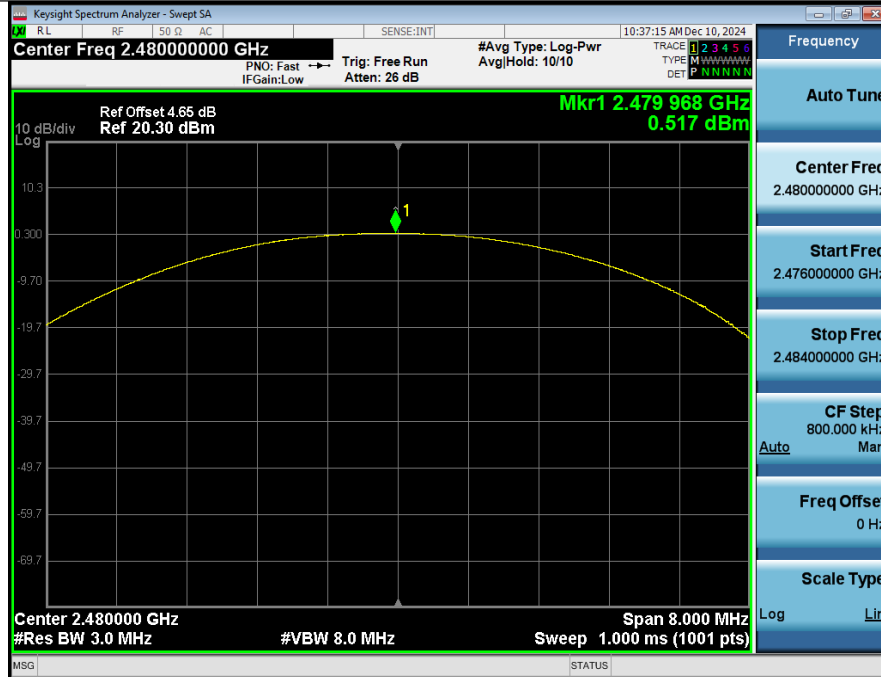


4. Peak Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH1	2402.00	3.12	2.05	1000	Pass
NVNT	ANT1	1-DH1	2441.00	2.17	1.65	1000	Pass
NVNT	ANT1	1-DH1	2480.00	0.52	1.13	1000	Pass

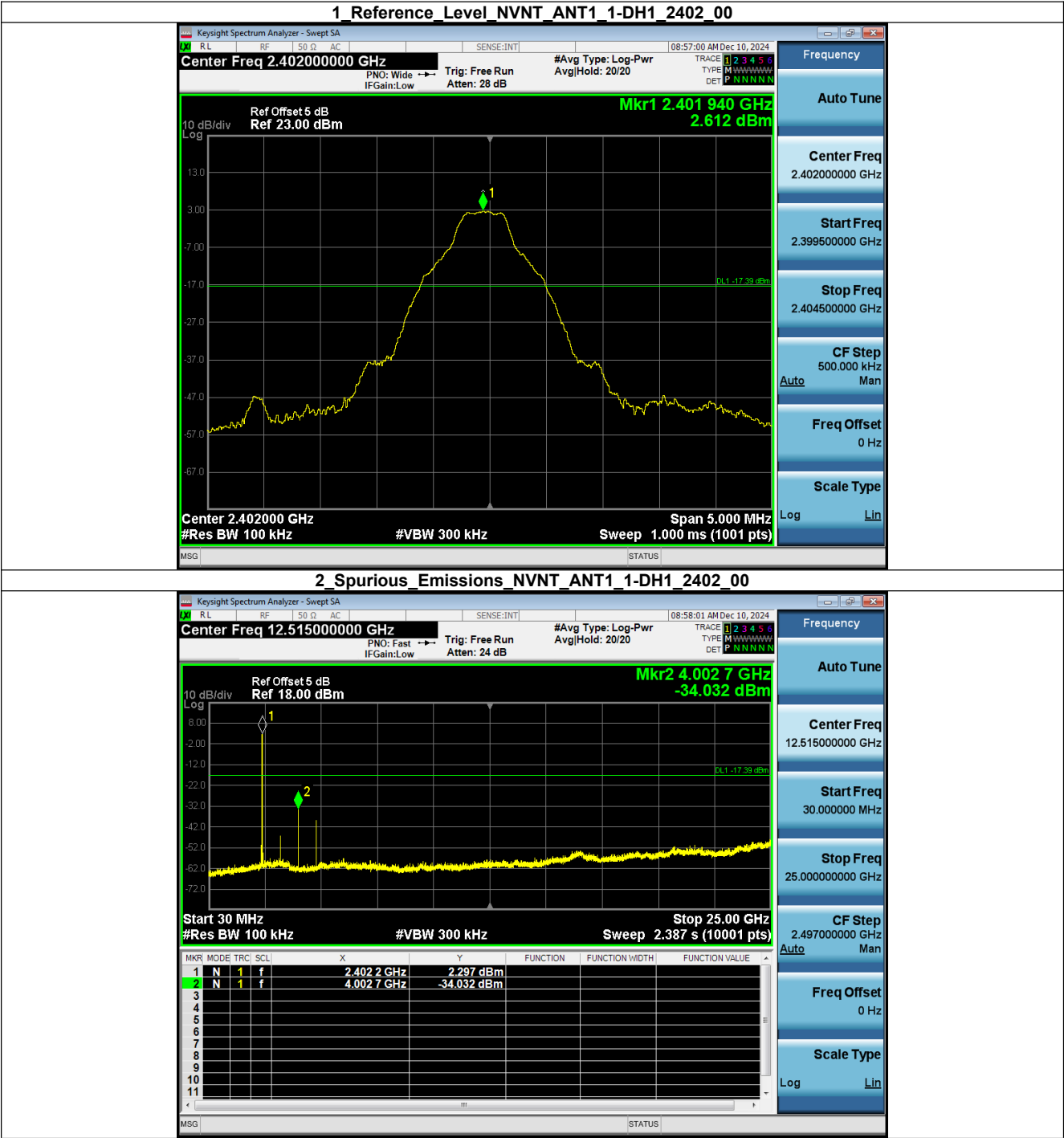


Peak_Output_Power_NVNT_ANT1_1-DH1_2480_00

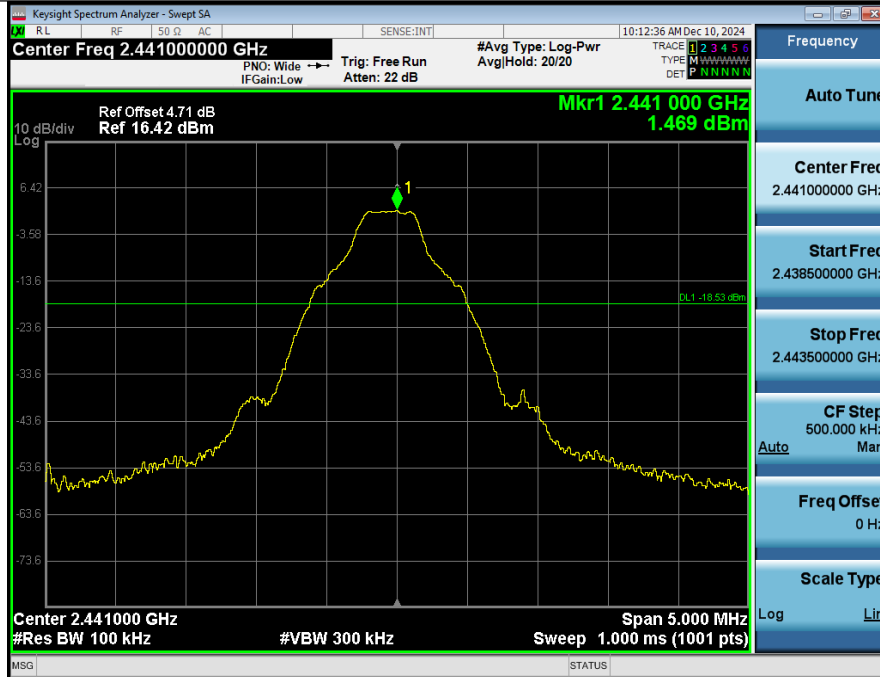


5. Spurious Emissions

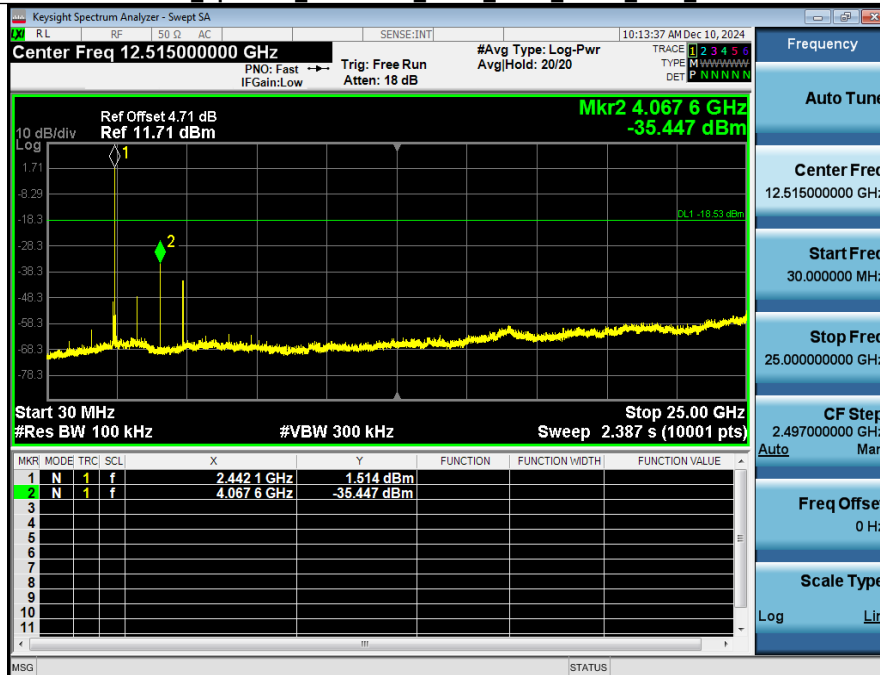
Condition	Antenna	Modulation	TX Mode	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-34.032	-17.388	Pass
NVNT	ANT1	1-DH1	2441.00	-35.447	-18.531	Pass
NVNT	ANT1	1-DH1	2480.00	-36.305	-20.229	Pass



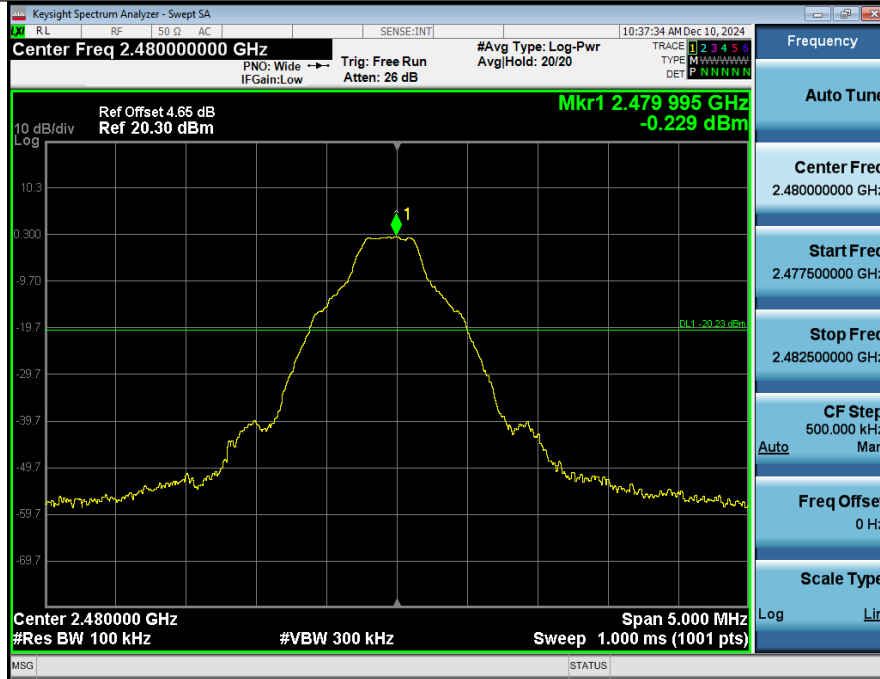
1 Reference_Level_NVNT_ANT1_1-DH1_2441_00



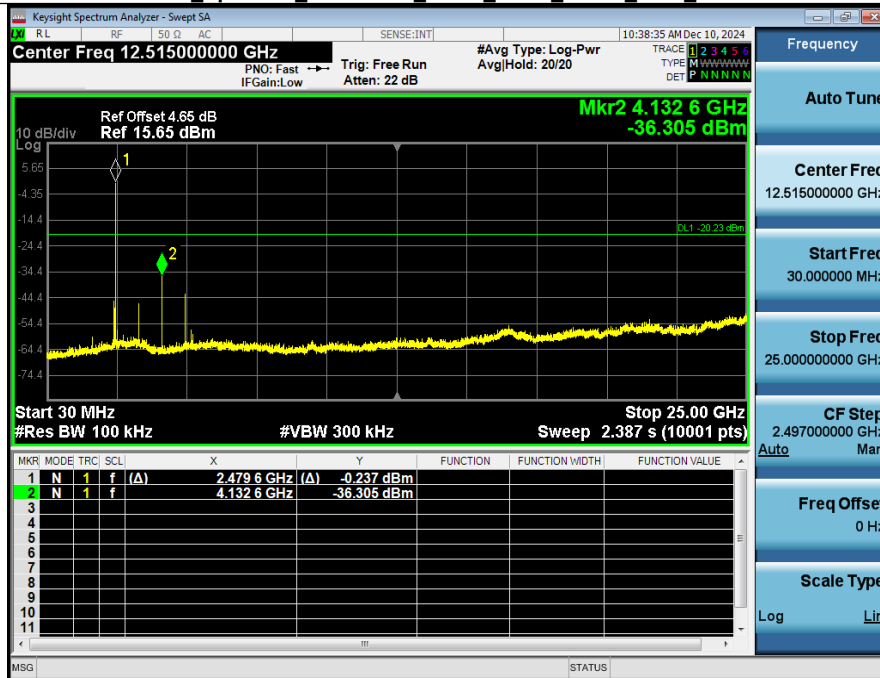
2 Spurious_Emissions_NVNT_ANT1_1-DH1_2441_00



1 Reference_Level_NVNT_ANT1_1-DH1_2480_00

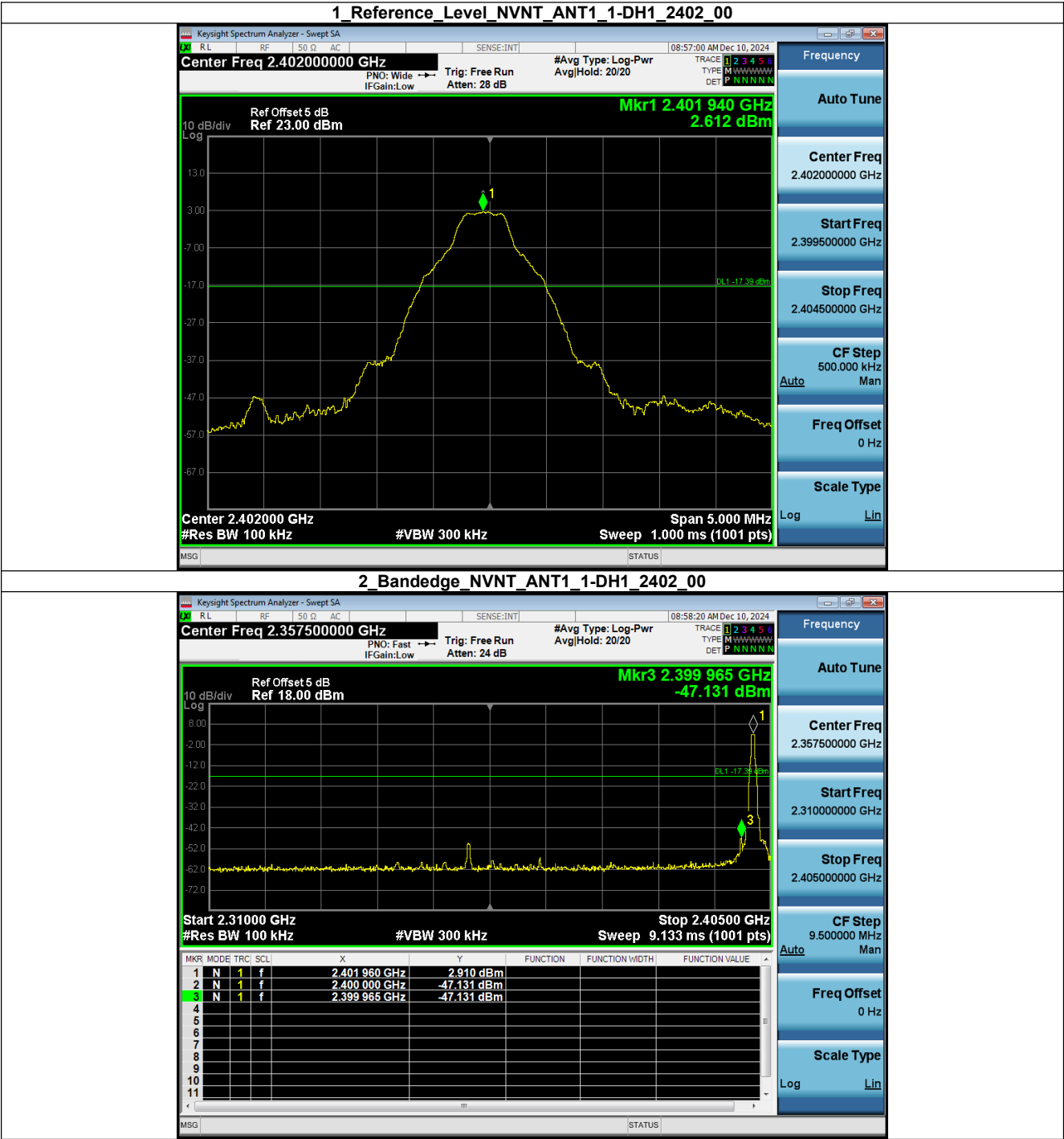


2 Spurious_Emissions_NVNT_ANT1_1-DH1_2480_00

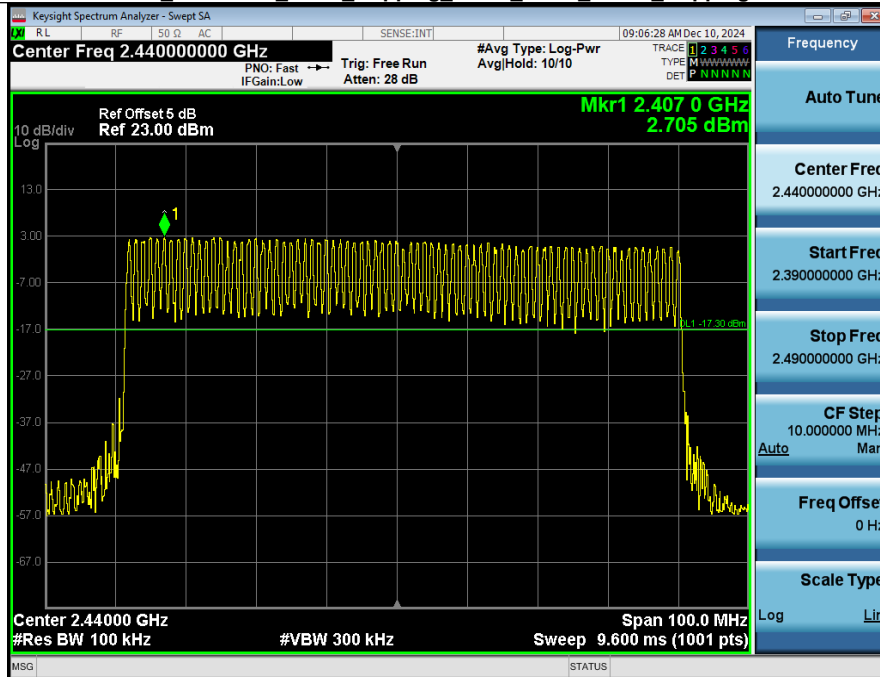


6. Bandedge

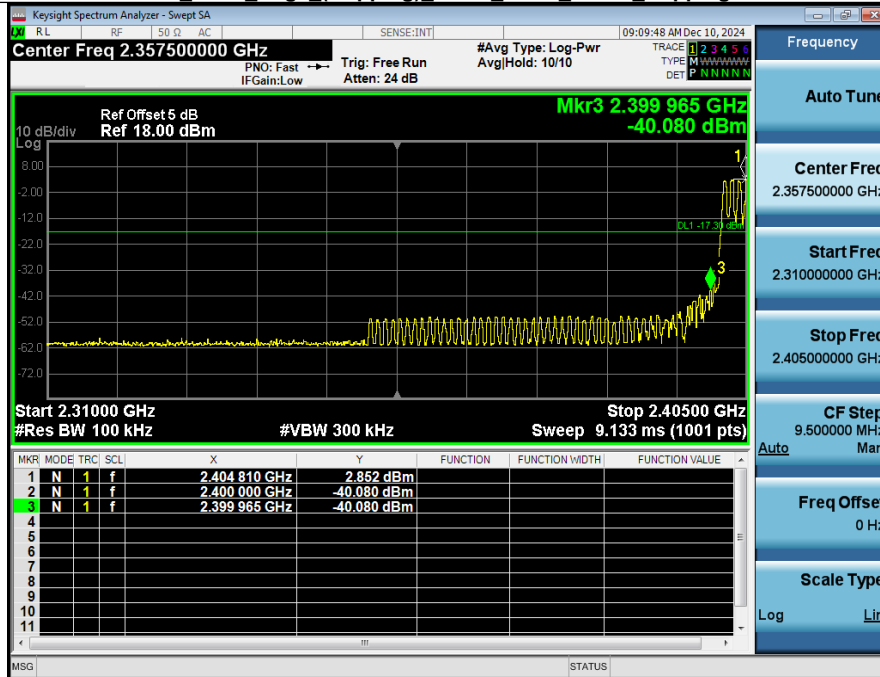
Condition	Antenna	Modulation	TX Mode	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH1	2402.00	-47.131	-17.388	Pass
NVNT	ANT1	1-DH1	Hopping_LCH	-40.080	-17.295	Pass
NVNT	ANT1	1-DH1	2480.00	-59.441	-20.229	Pass
NVNT	ANT1	1-DH1	Hopping_HCH	-46.431	-17.332	Pass



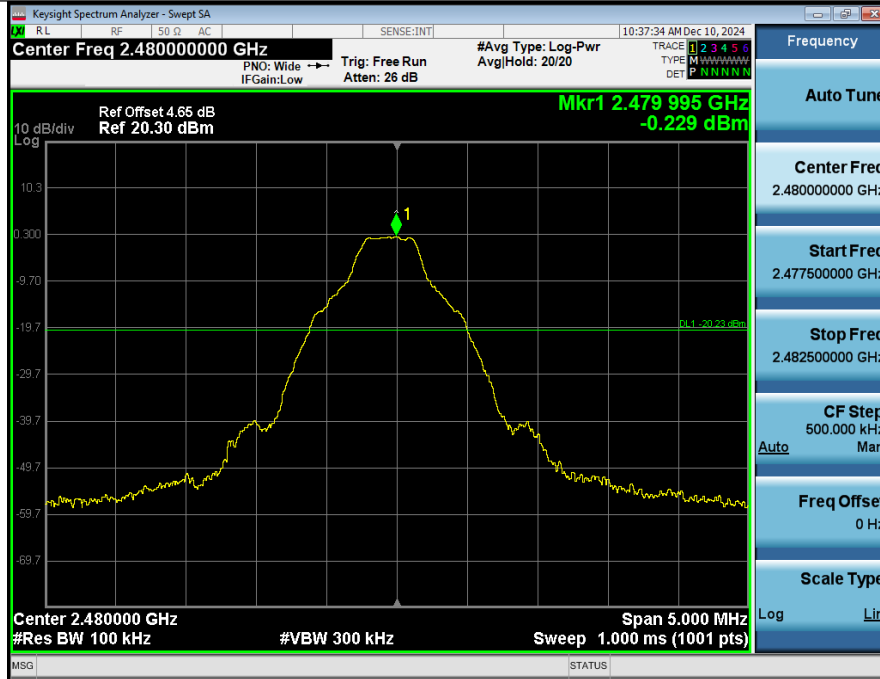
1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping



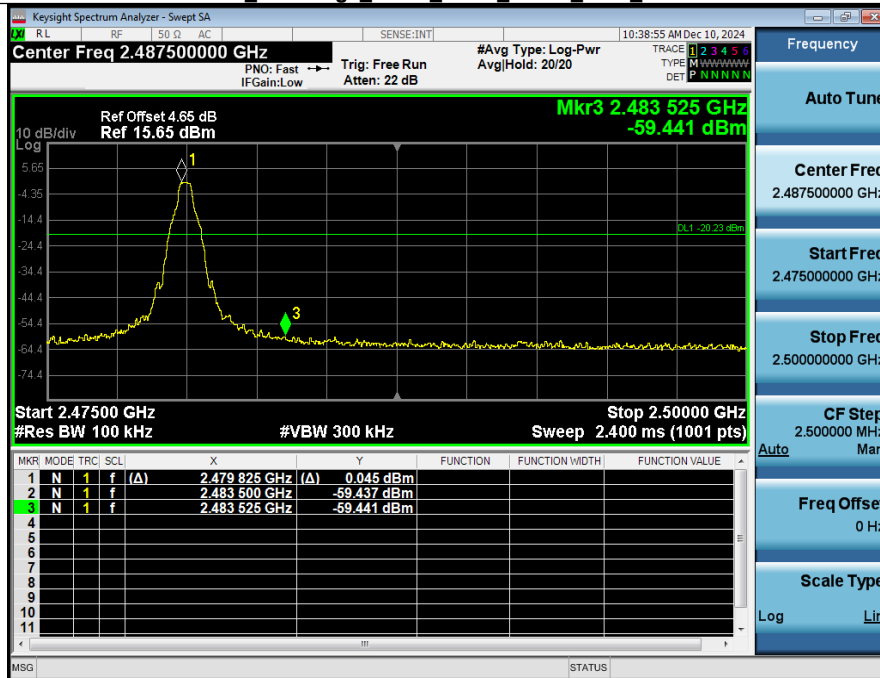
2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



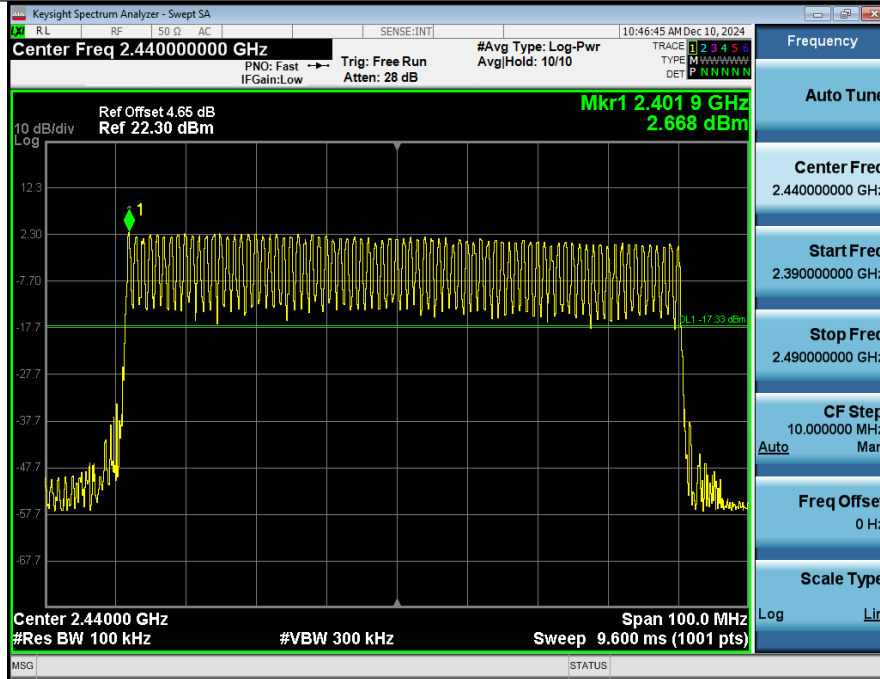
1_Reference_Level_NVNT_ANT1_1-DH1_2480_00



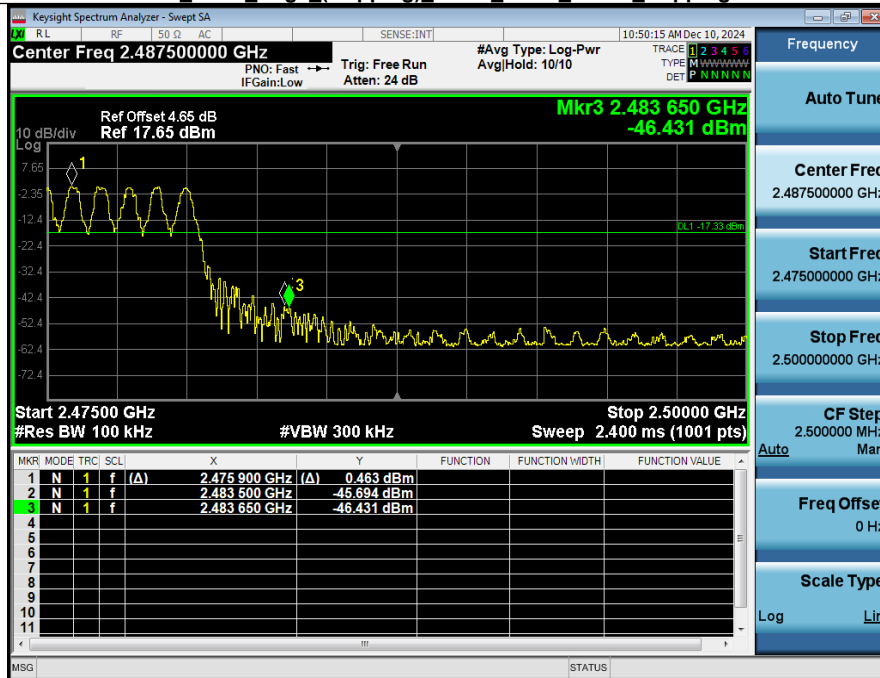
2_Bandedge_NVNT_ANT1_1-DH1_2480_00



1 Reference_Level_Hopping_NVNT_ANT1_1-DH1_Hopping

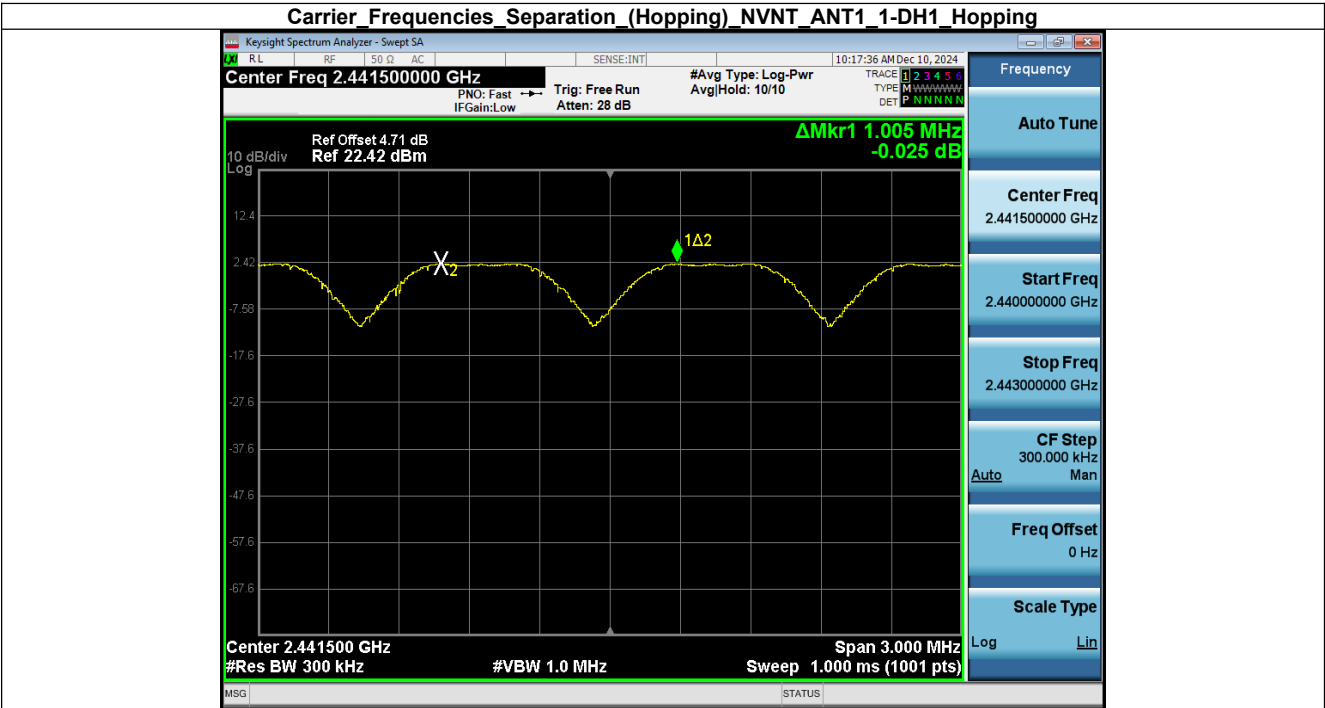
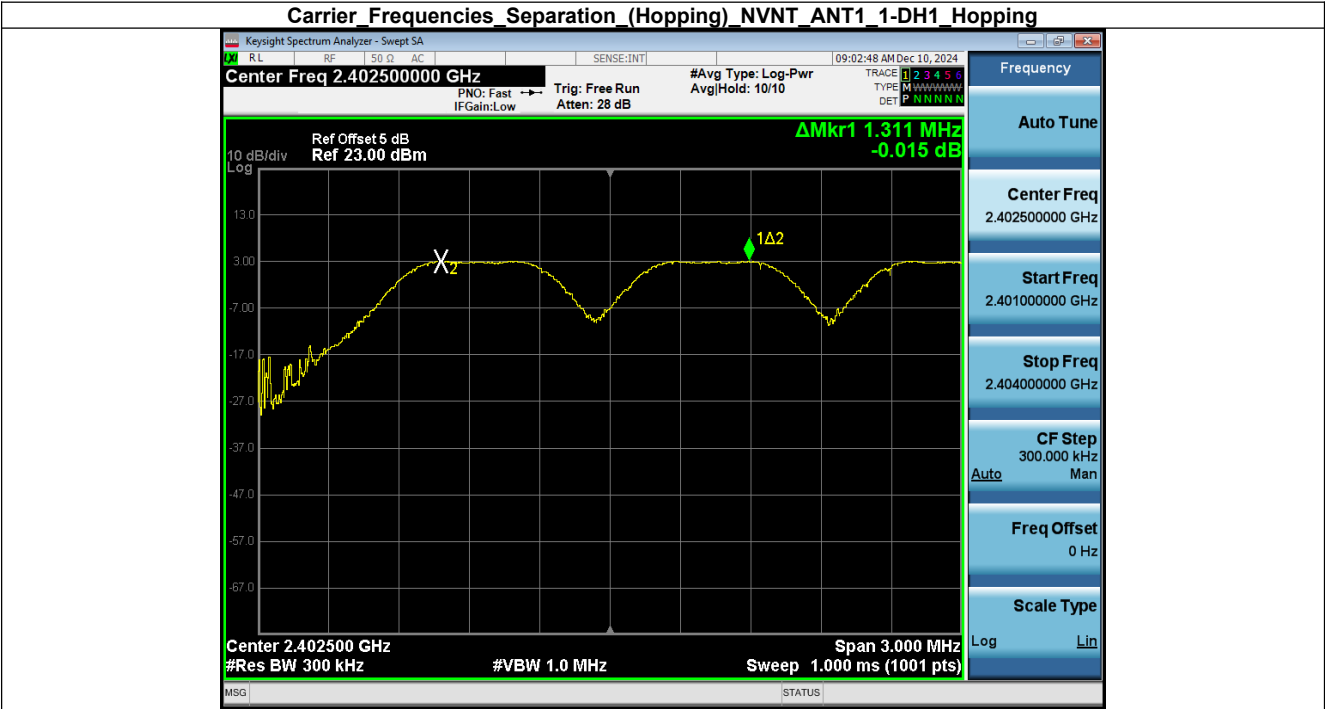


2 Band_Edge_(Hopping)_NVNT_ANT1_1-DH1_Hopping



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	2401.780	2403.091	1.31	0.957	Pass
NVNT	ANT1	1-DH1	2441.00	2440.780	2441.785	1.00	0.965	Pass
NVNT	ANT1	1-DH1	2480.00	2478.786	2479.791	1.00	0.966	Pass

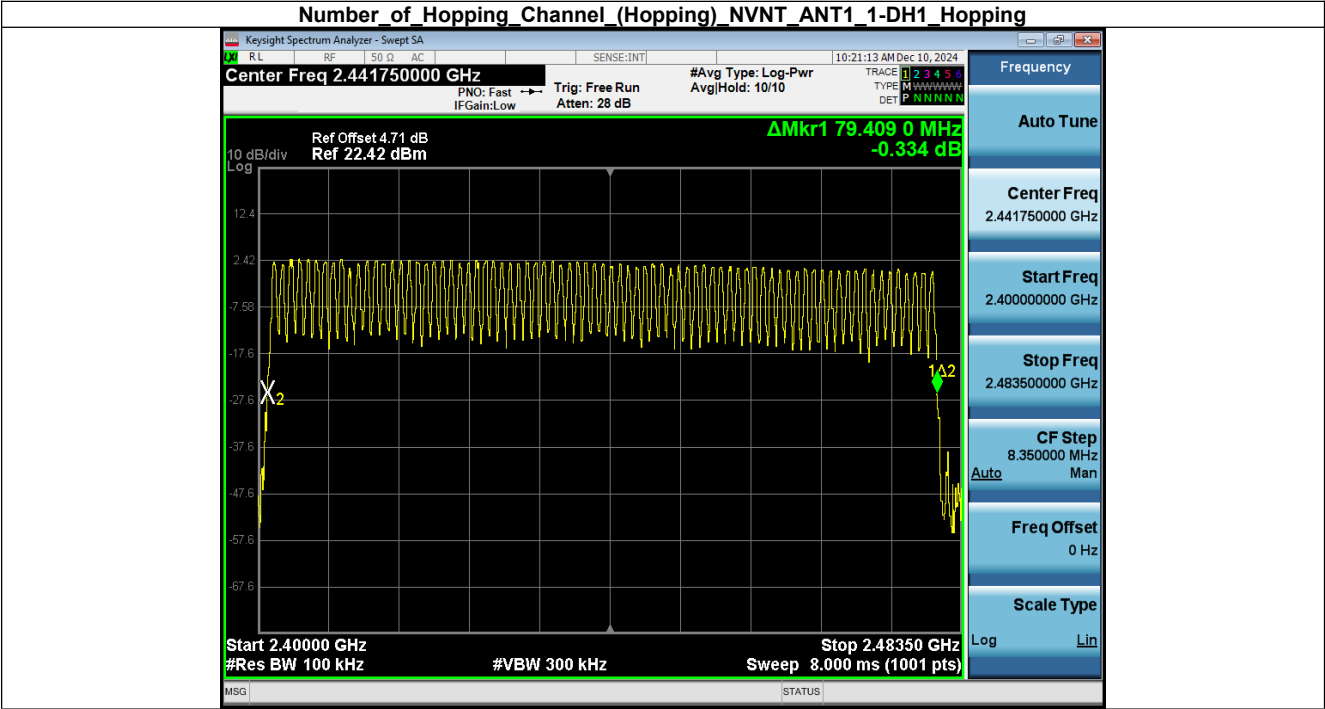


Carrier_Frequencies_Separation_(Hopping)_NVNT_ANT1_1-DH1_Hopping



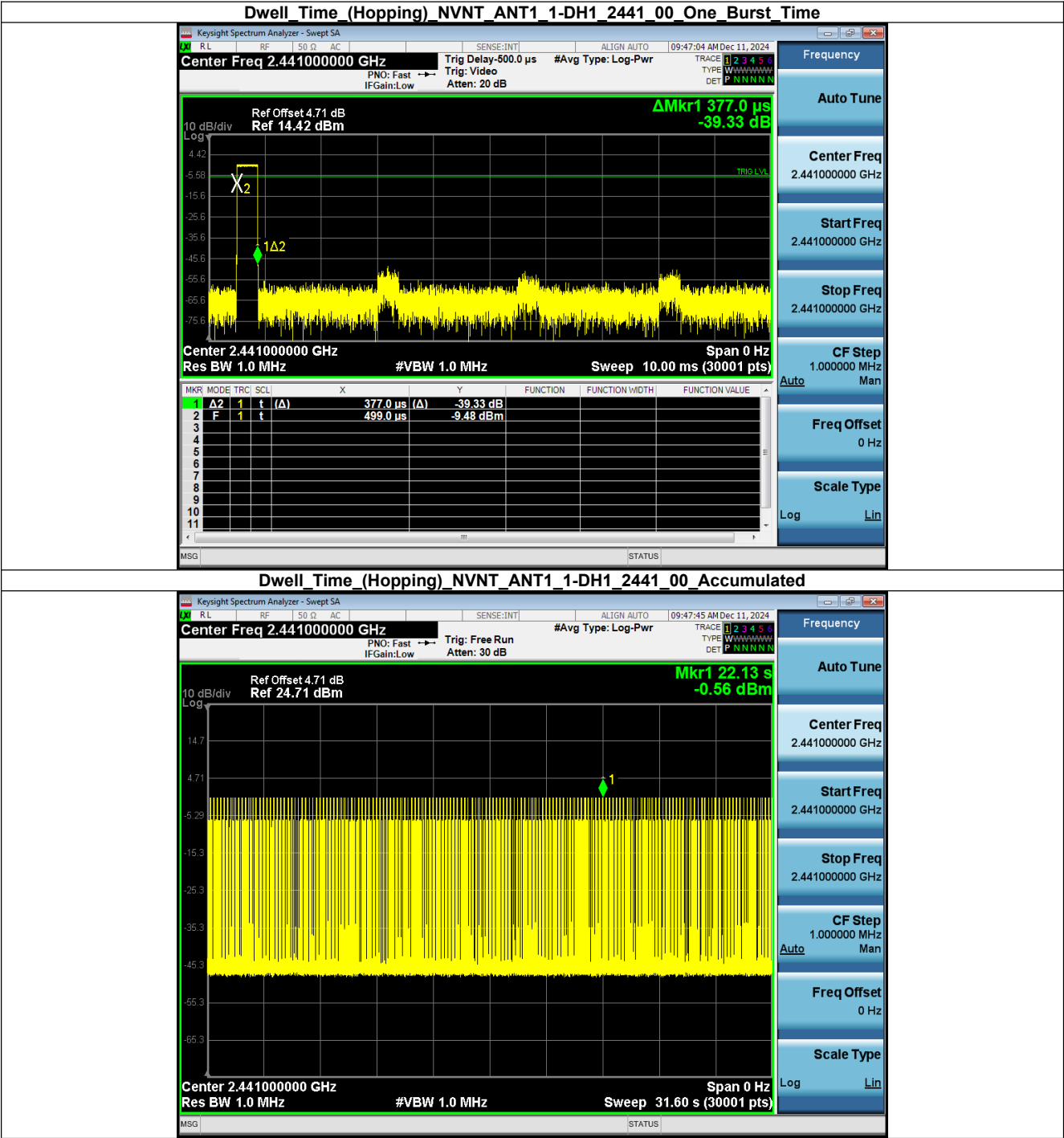
8. Number of Hopping Channel (Hopping)

Condition	Antenna	Modulation	Hopping Num	Limit	Result
NVNT	ANT1	1-DH1	79	15	Pass

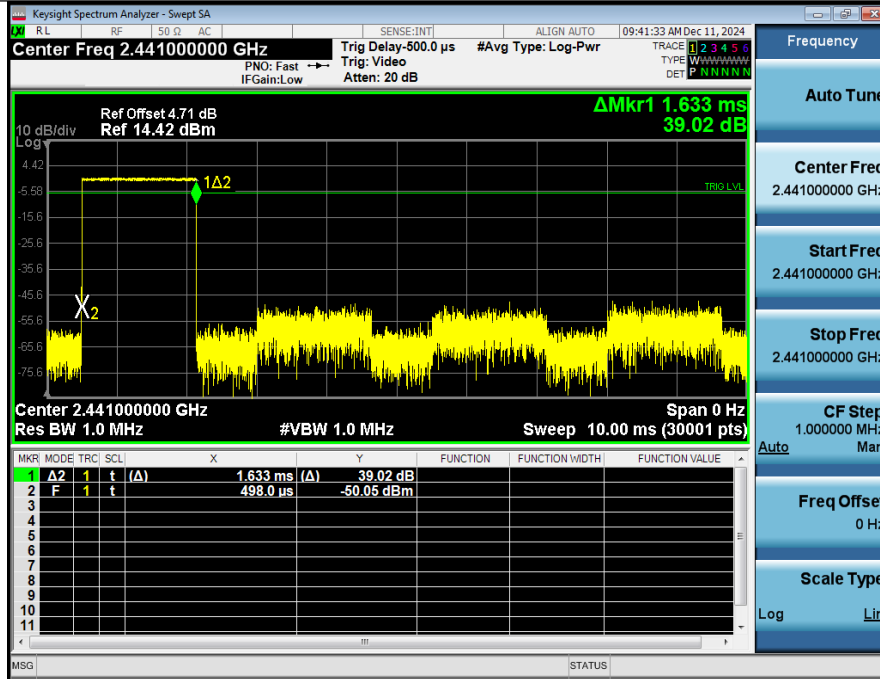


9. Dwell Time (Hopping)

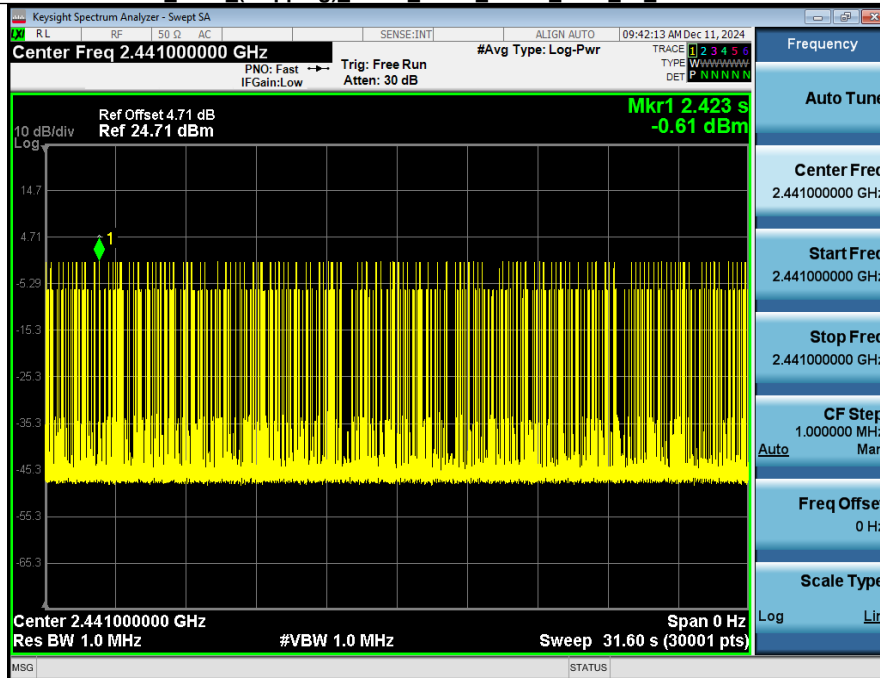
Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH1	0.377	320.00	120.640	0.40	Pass
NVNT	ANT1	1-DH3	1.633	163.00	266.179	0.40	Pass
NVNT	ANT1	1-DH5	2.881	104.00	299.624	0.40	Pass



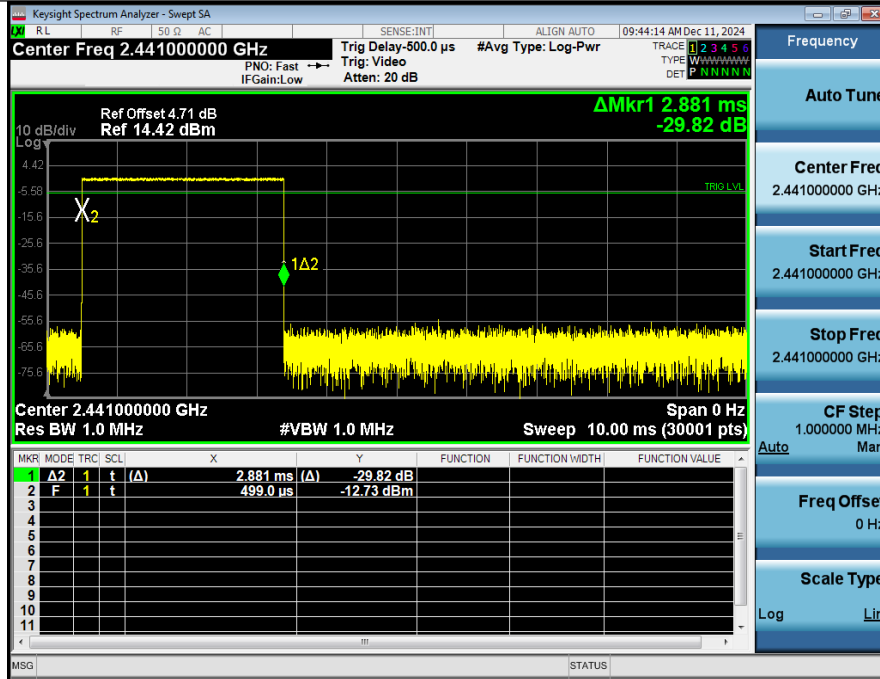
Dwell Time (Hopping) NVNT_ANT1_1-DH3_2441_00_One_Burst Time



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

