

Table of Contents

1. -6dB Bandwidth 2

2. 99% Occupied Bandwidth 4

3. Duty Cycle 6

4. Peak Output Power8

5. Power Spectral Density10

6. Bandedge12

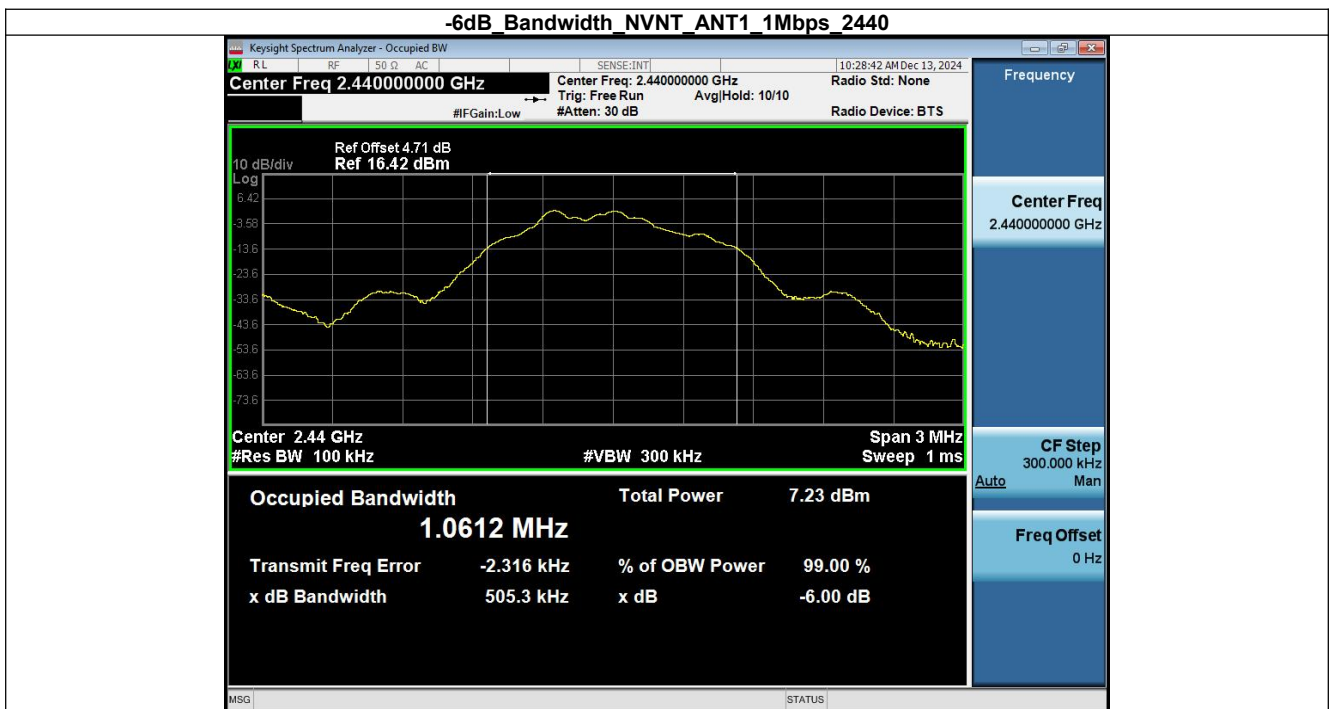
7. Spurious Emission14

FCC ID&IC ID BLE

FCC&IC_BLE (Part15.247&RSS-247) Test Data

1. -6dB Bandwidth

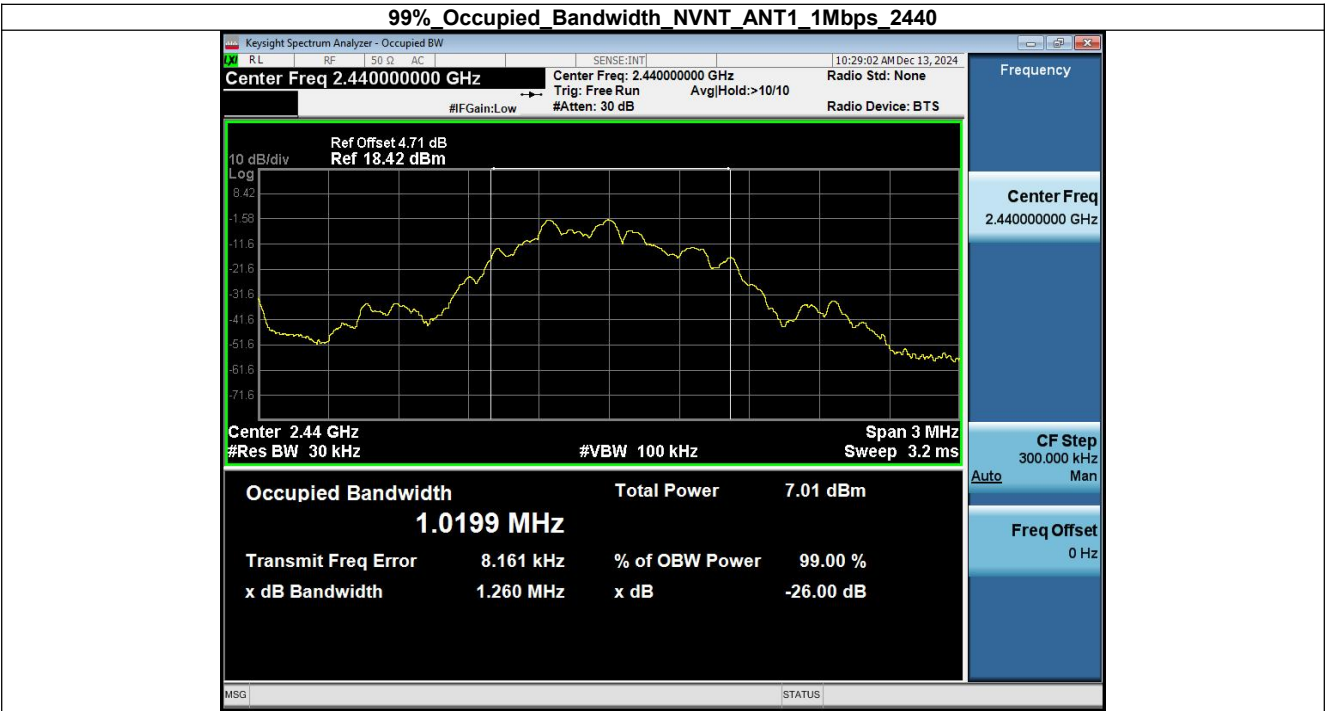
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	504.01	500	Pass
NVNT	ANT1	1Mbps	2440.00	505.29	500	Pass
NVNT	ANT1	1Mbps	2480.00	506.69	500	Pass





2. 99% Occupied Bandwidth

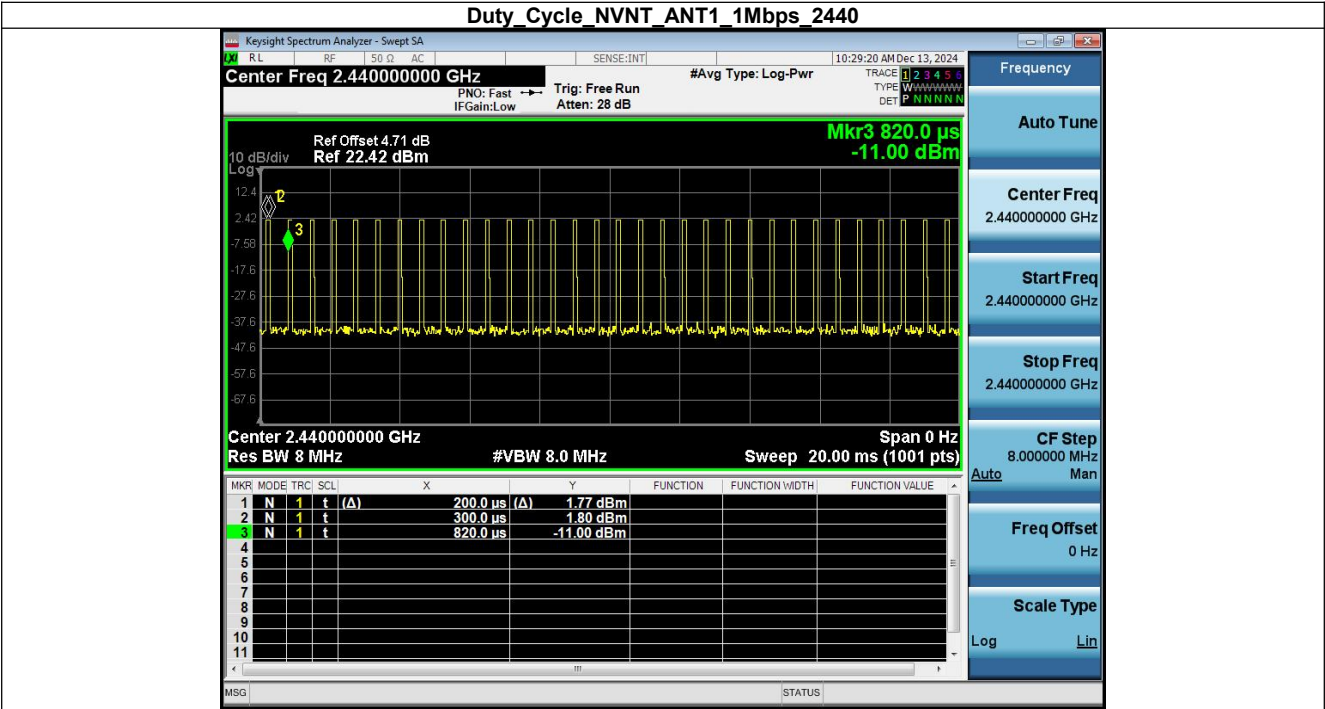
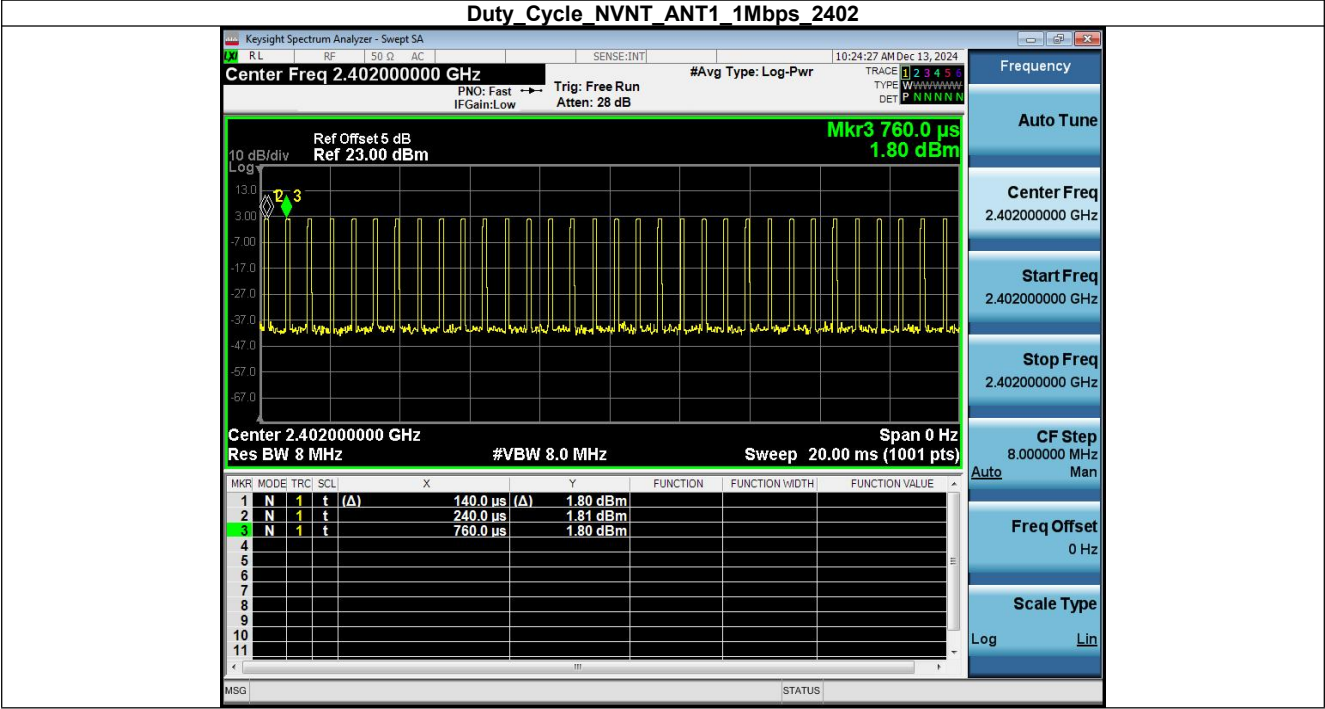
Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.019
NVNT	ANT1	1Mbps	2440.00	1.020
NVNT	ANT1	1Mbps	2480.00	1.019



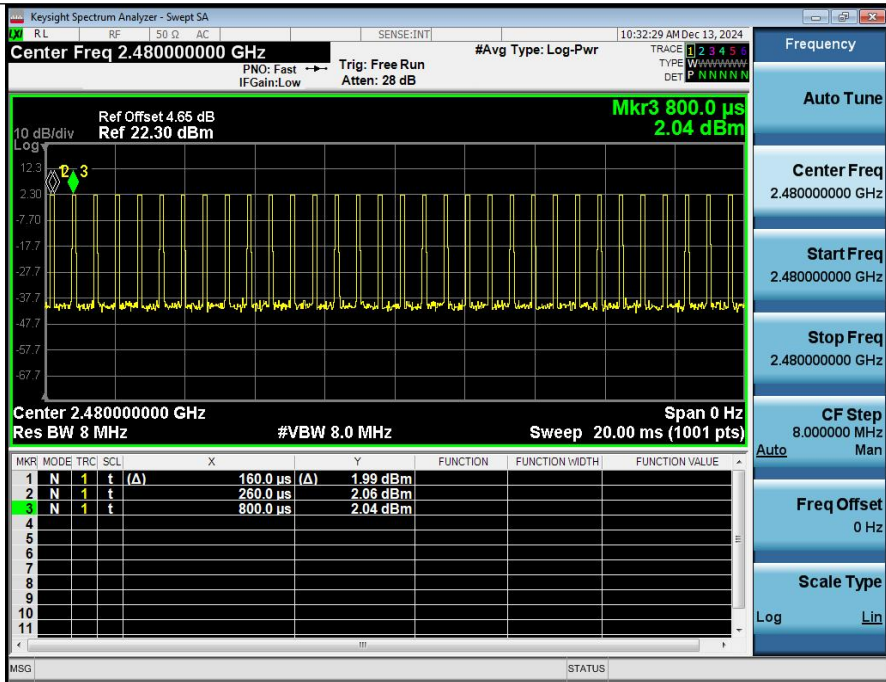
99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	16.13	7.92
NVNT	ANT1	1Mbps	2440.00	16.13	7.92
NVNT	ANT1	1Mbps	2480.00	15.63	8.06

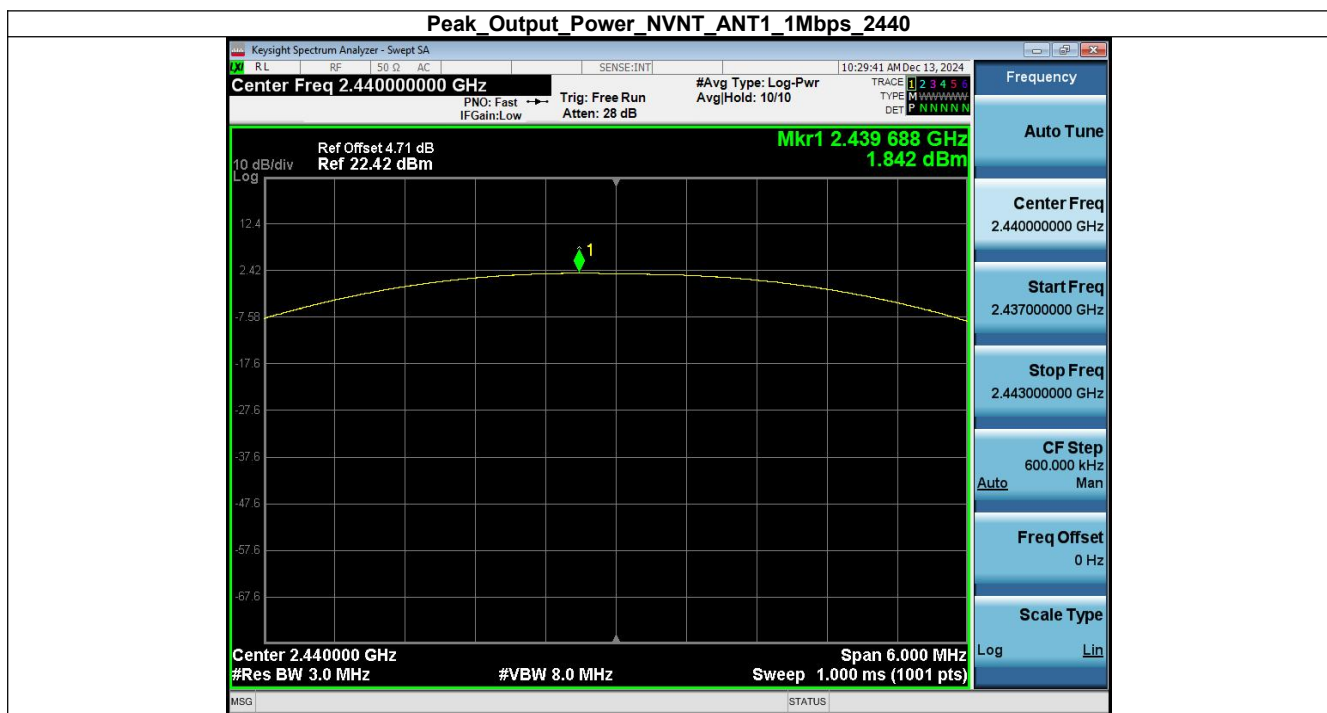
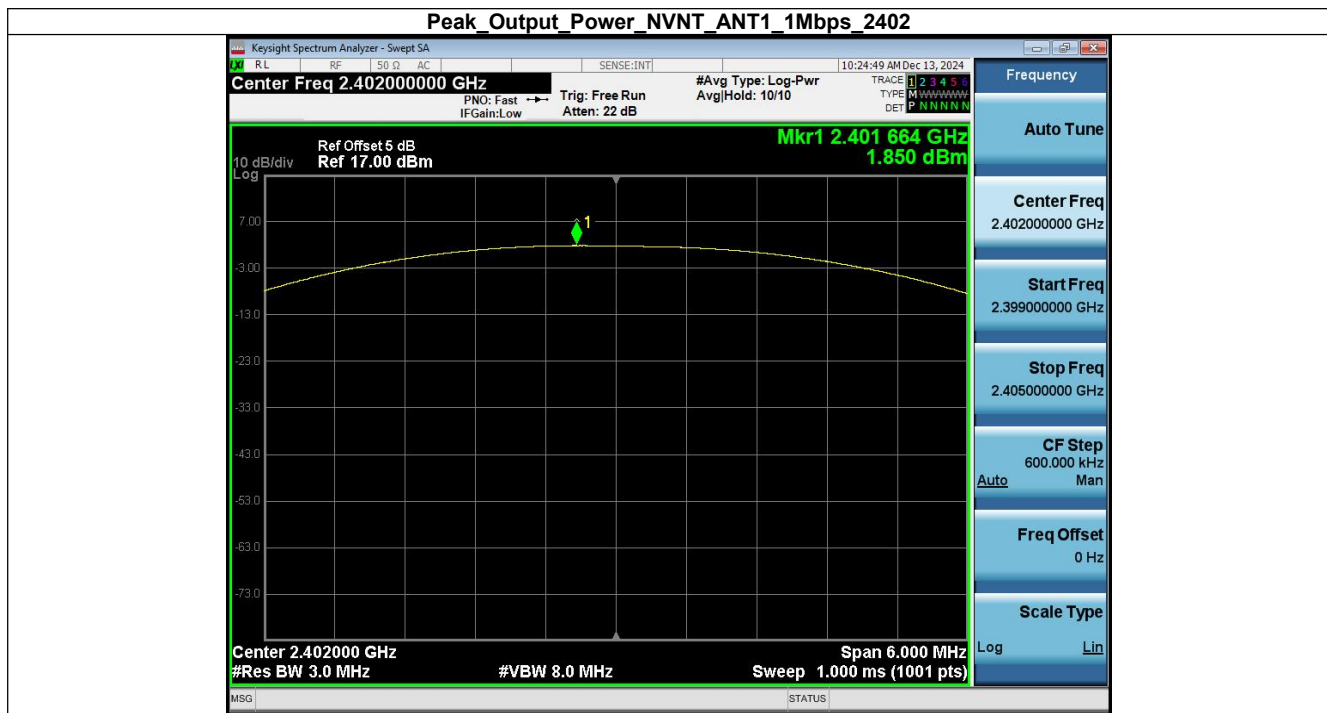


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Conducted Power Limit(dBm)	Antenna Gain (dBi)	EIRP(dBm)	EIRP Limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	1.85	30	-2.112	-0.262	36	Pass
NVNT	ANT1	1Mbps	2440.00	1.84	30	-2.112	-0.272	36	Pass
NVNT	ANT1	1Mbps	2480.00	2.07	30	-2.112	-0.042	36	Pass

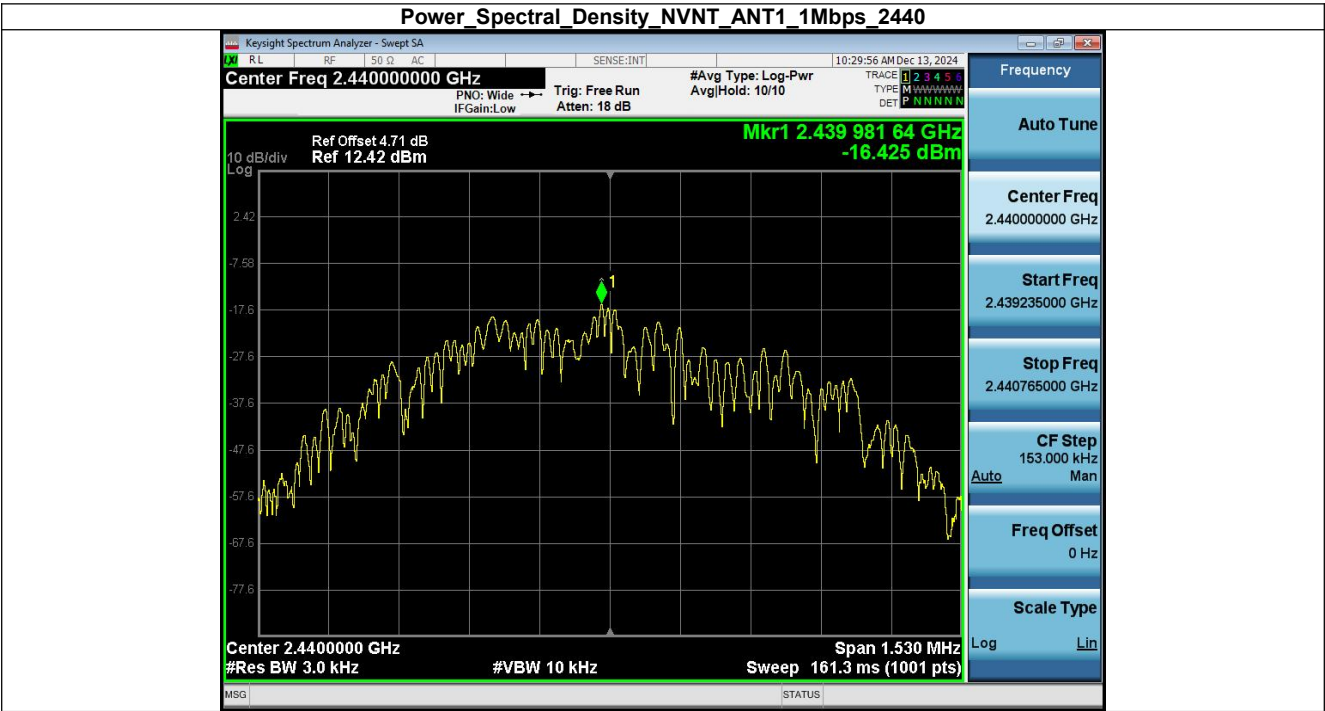
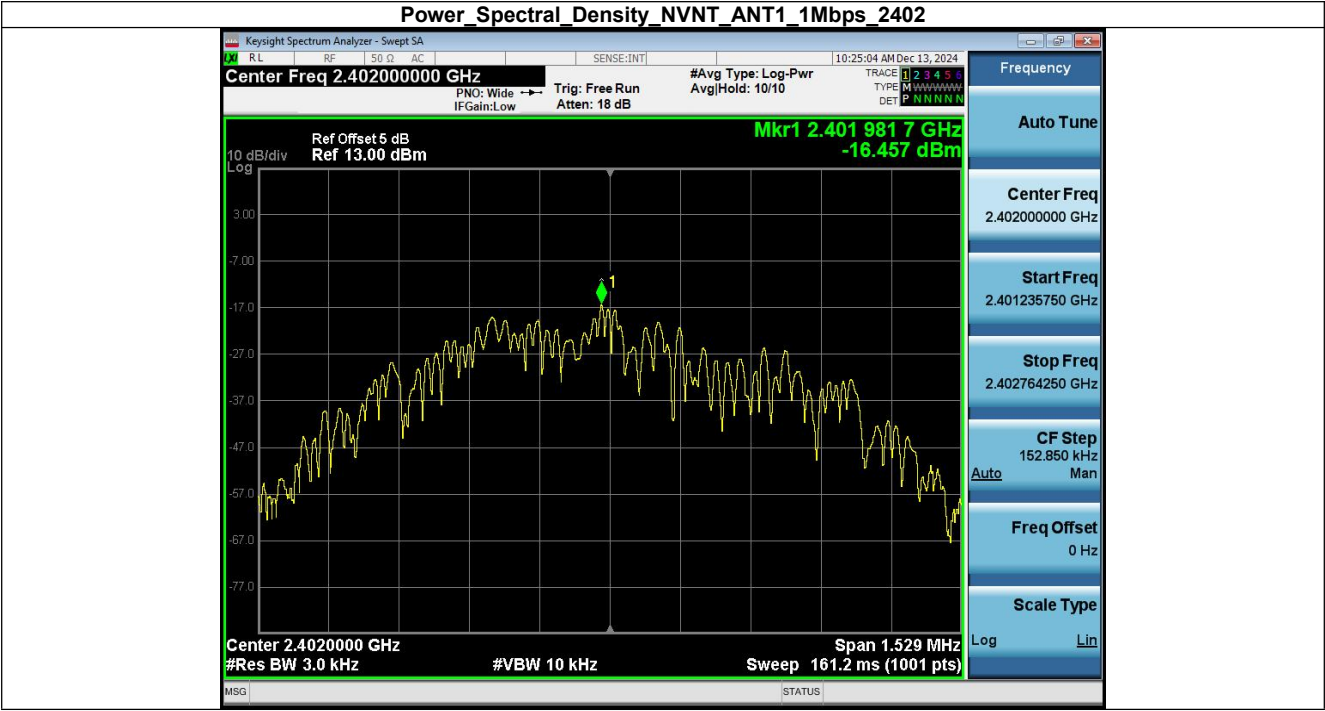


Peak_Output_Power_NVNT_ANT1_1Mbps_2480

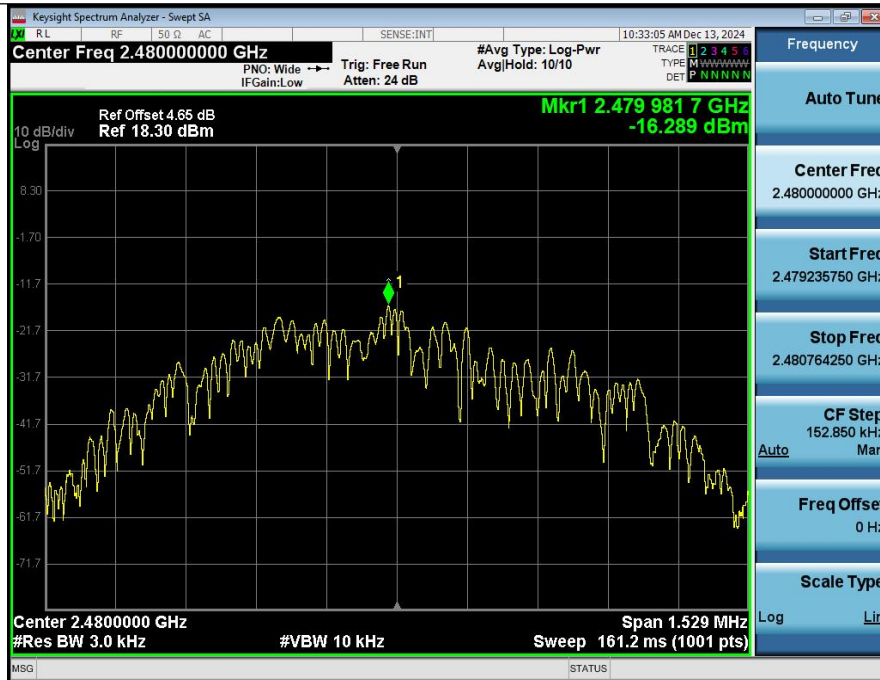


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-16.46	8	Pass
NVNT	ANT1	1Mbps	2440.00	-16.43	8	Pass
NVNT	ANT1	1Mbps	2480.00	-16.29	8	Pass

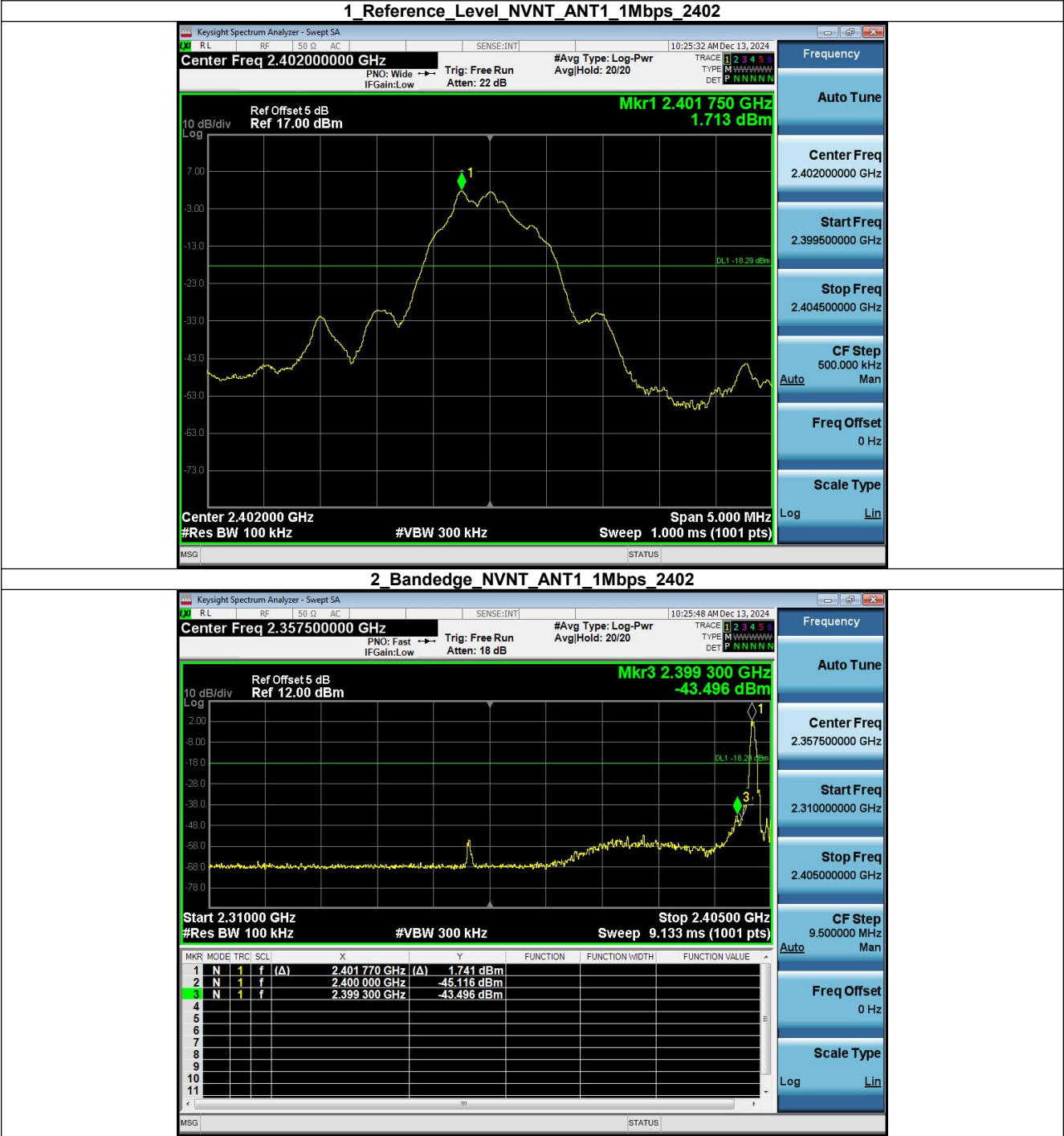


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

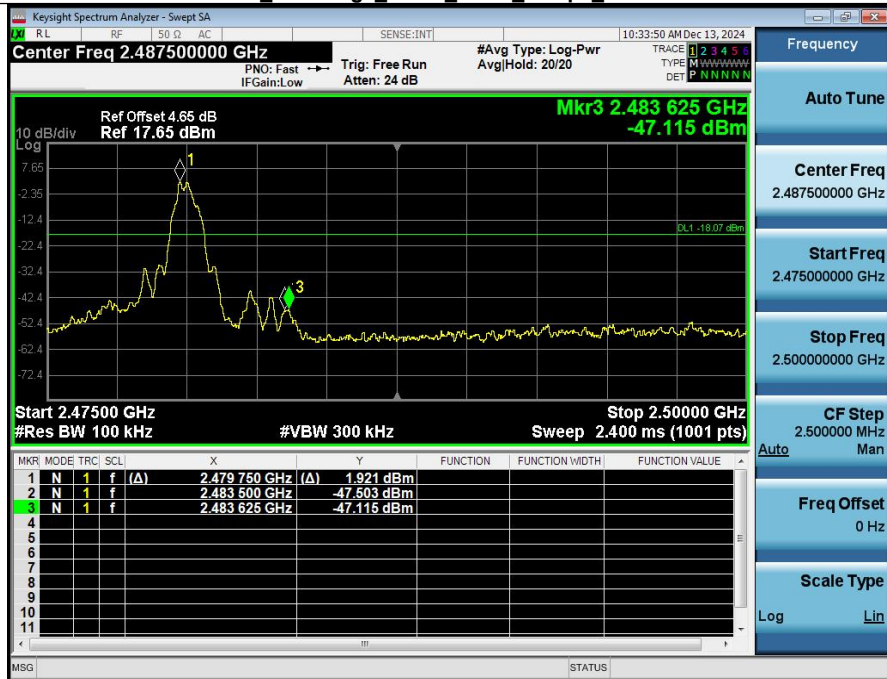
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.300	-43.496	-18.287	Pass
NVNT	ANT1	1Mbps	2480.00	2483.625	-47.115	-18.066	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

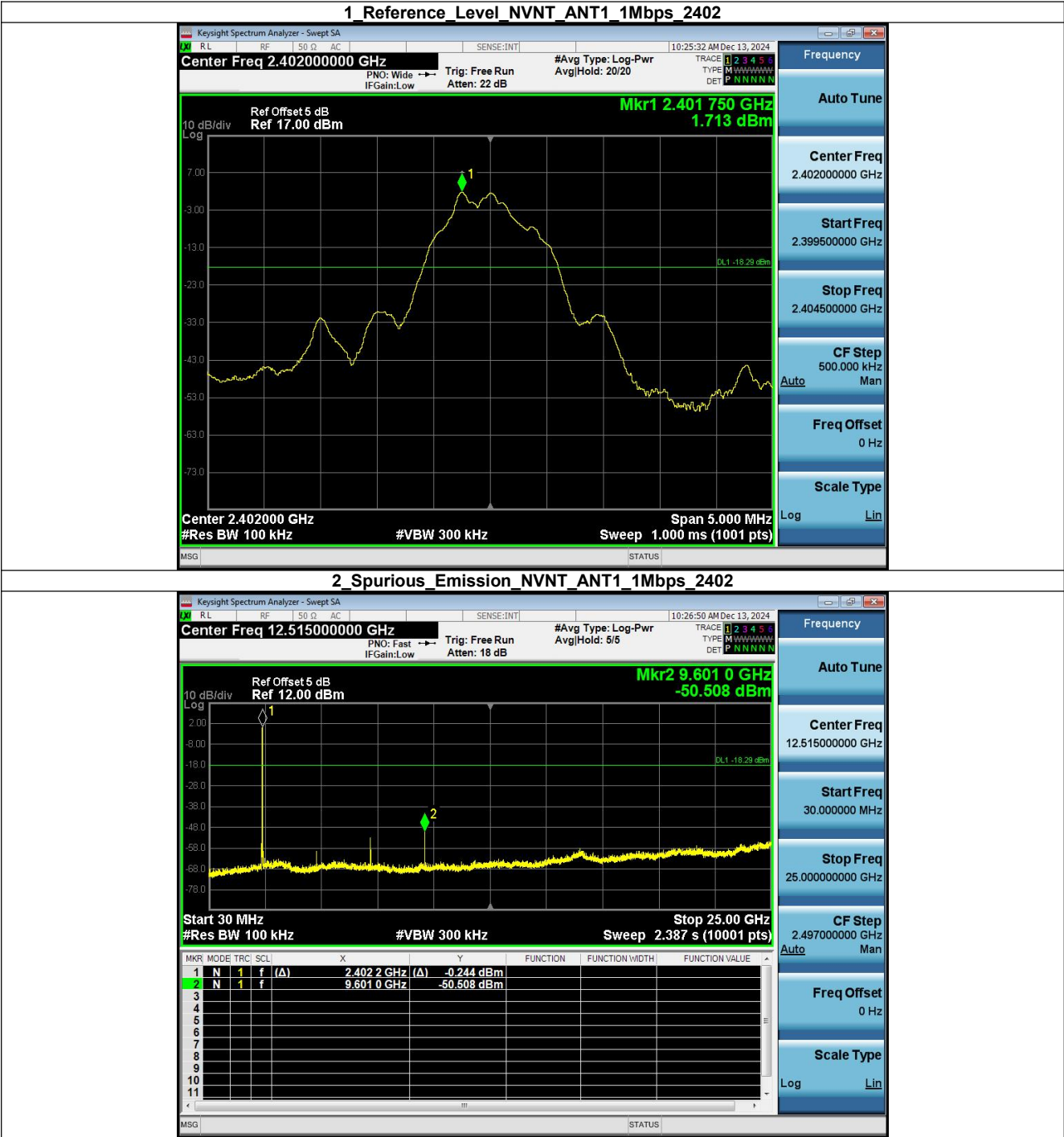


2_Bandedge_NVNT_ANT1_1Mbps_2480



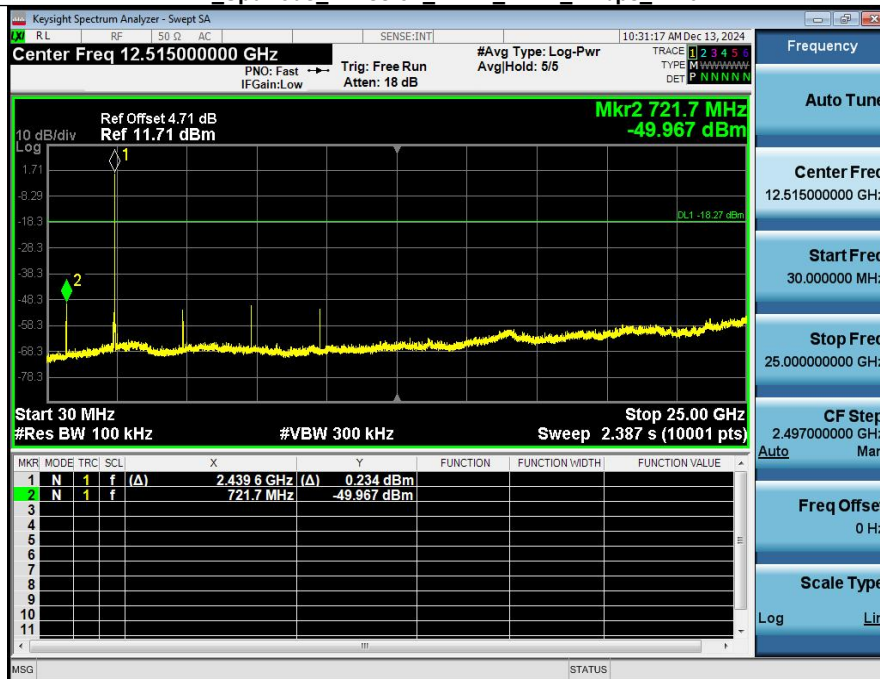
7. Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-50.508	-18.287	Pass
NVNT	ANT1	1Mbps	2440.00	-49.967	-18.268	Pass
NVNT	ANT1	1Mbps	2480.00	-48.528	-18.066	Pass





2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

