

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. Bandedge 12

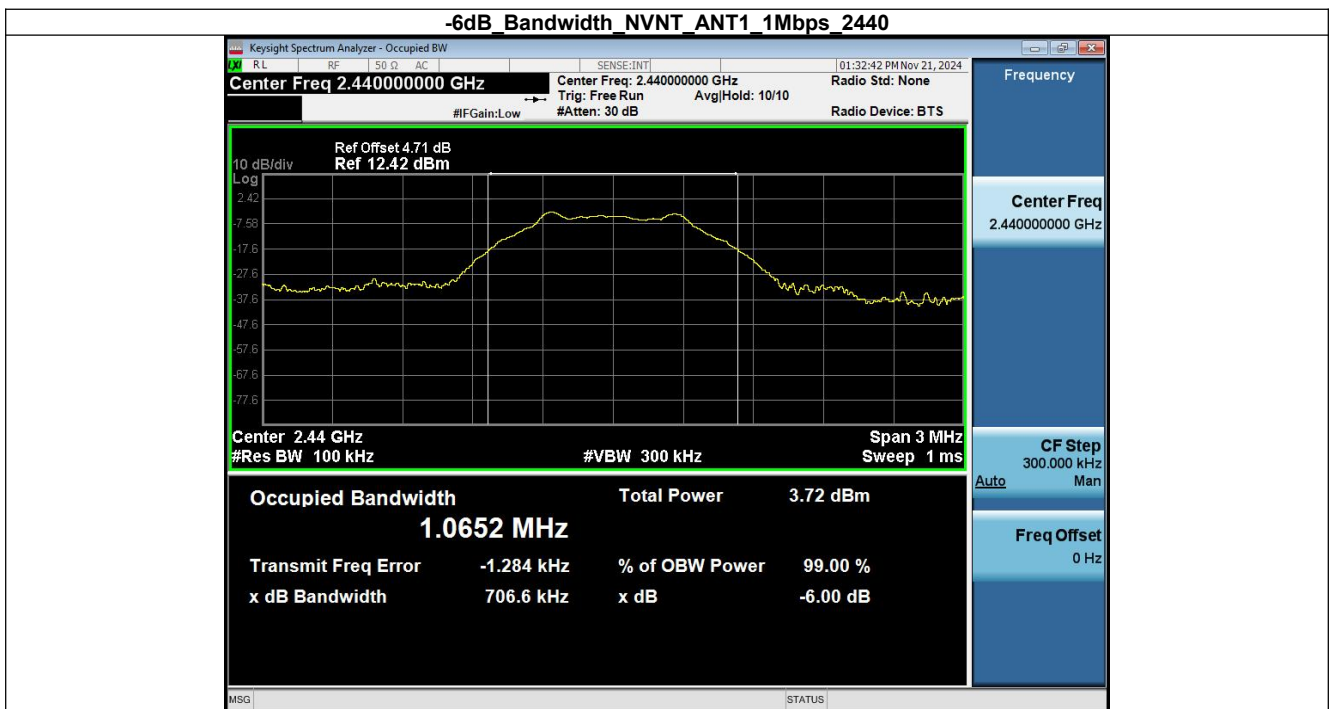
7. Spurious Emission14

FCC ID BLE

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	707.39	500	Pass
NVNT	ANT1	1Mbps	2440.00	706.58	500	Pass
NVNT	ANT1	1Mbps	2480.00	699.44	500	Pass

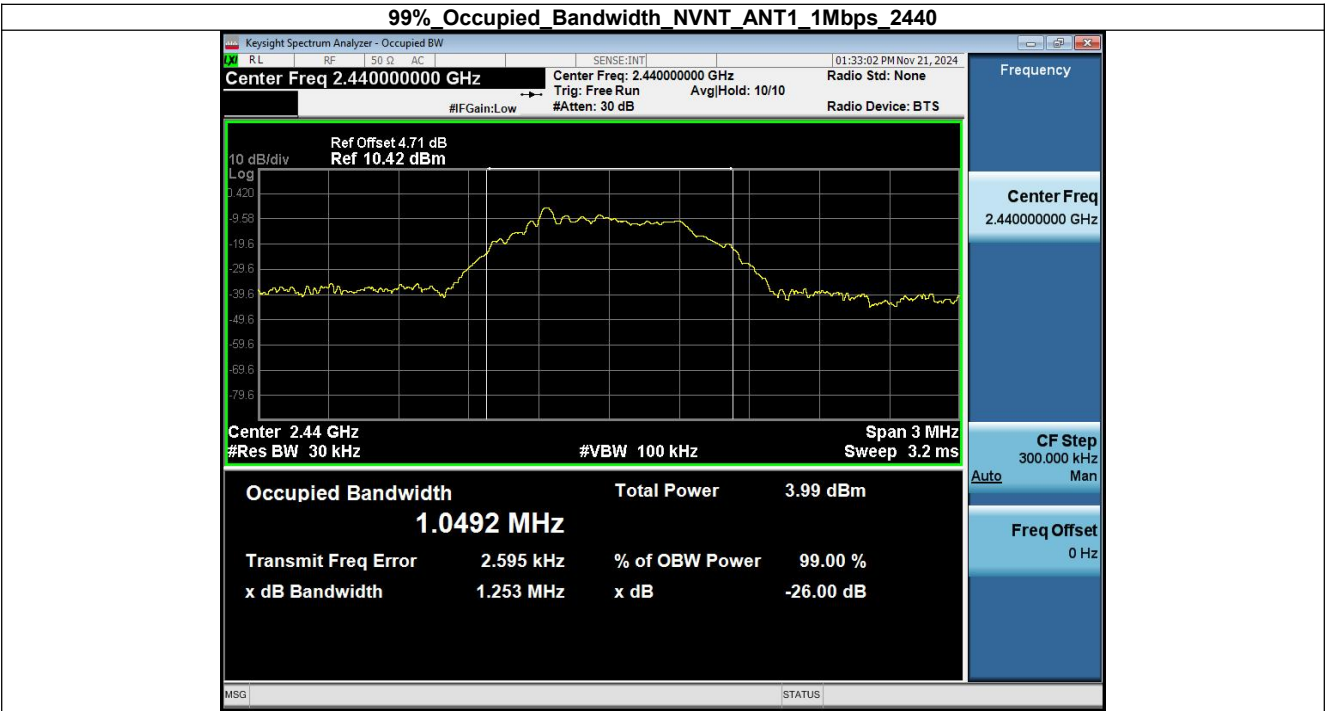


-6dB Bandwidth NVNT ANT1 1Mbps 2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.027
NVNT	ANT1	1Mbps	2440.00	1.049
NVNT	ANT1	1Mbps	2480.00	1.025

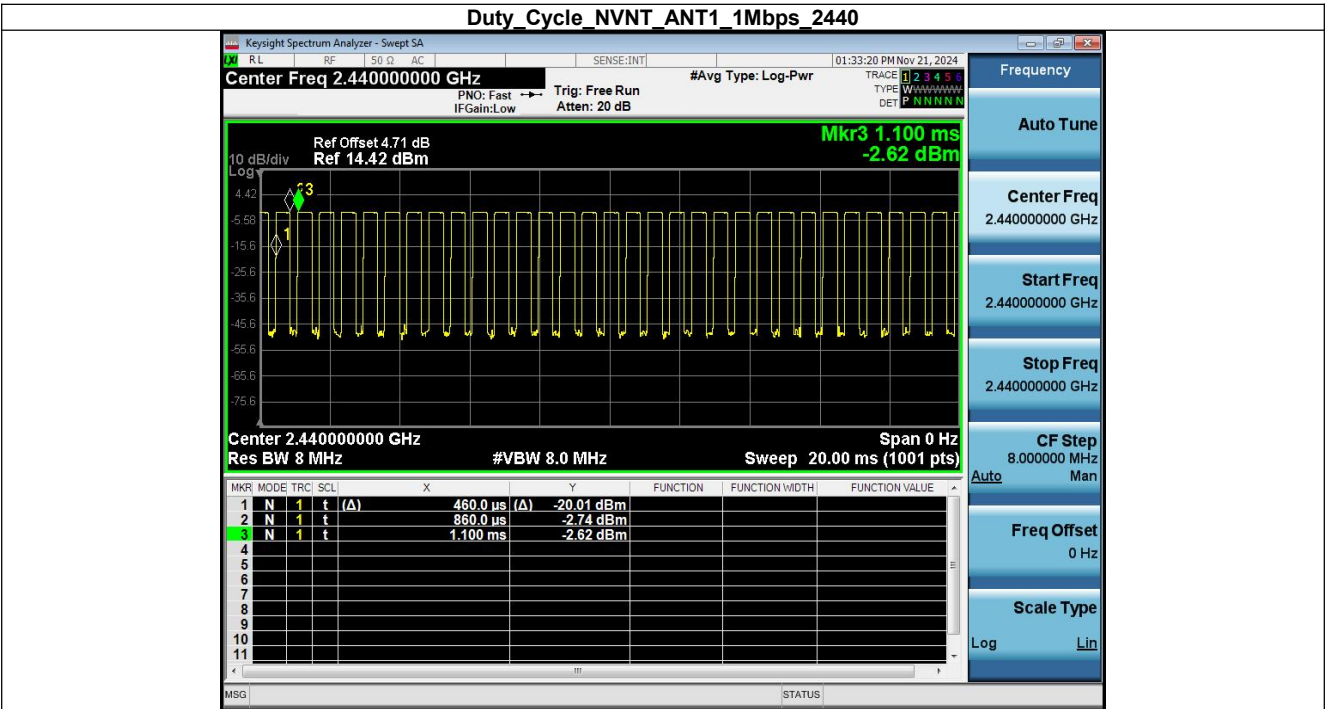
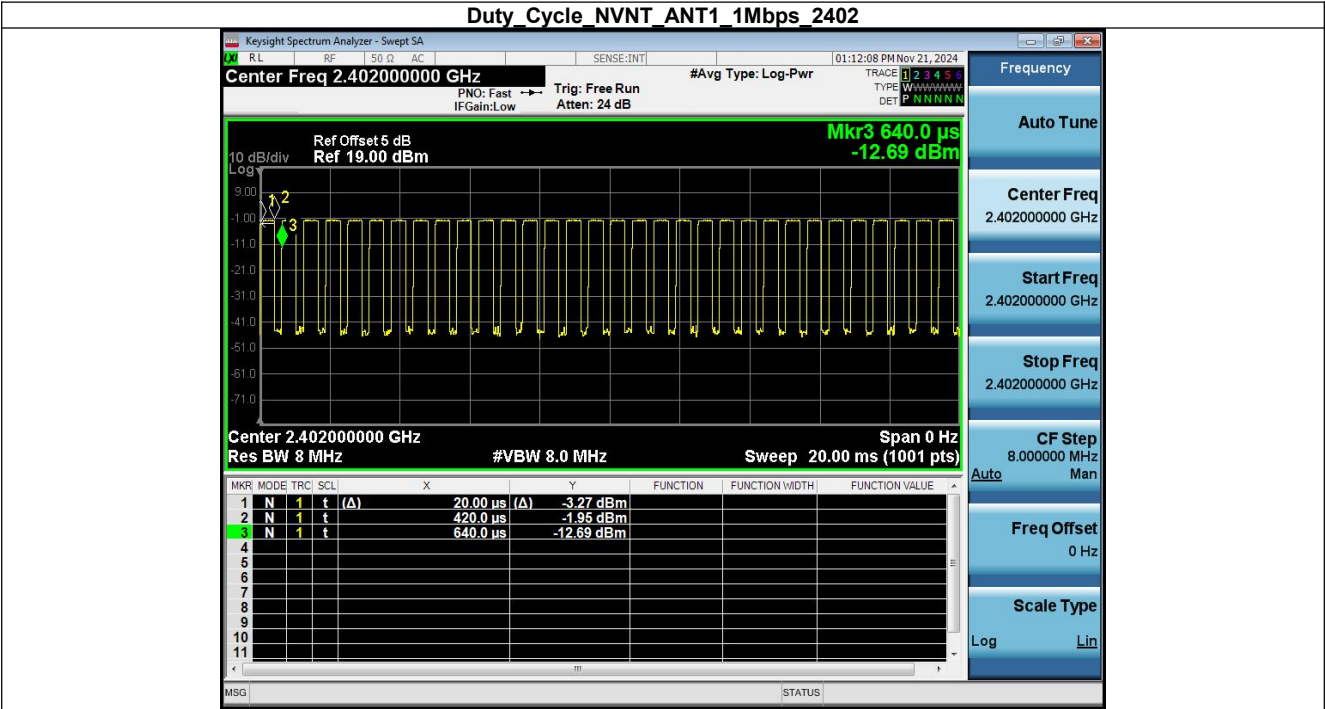


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

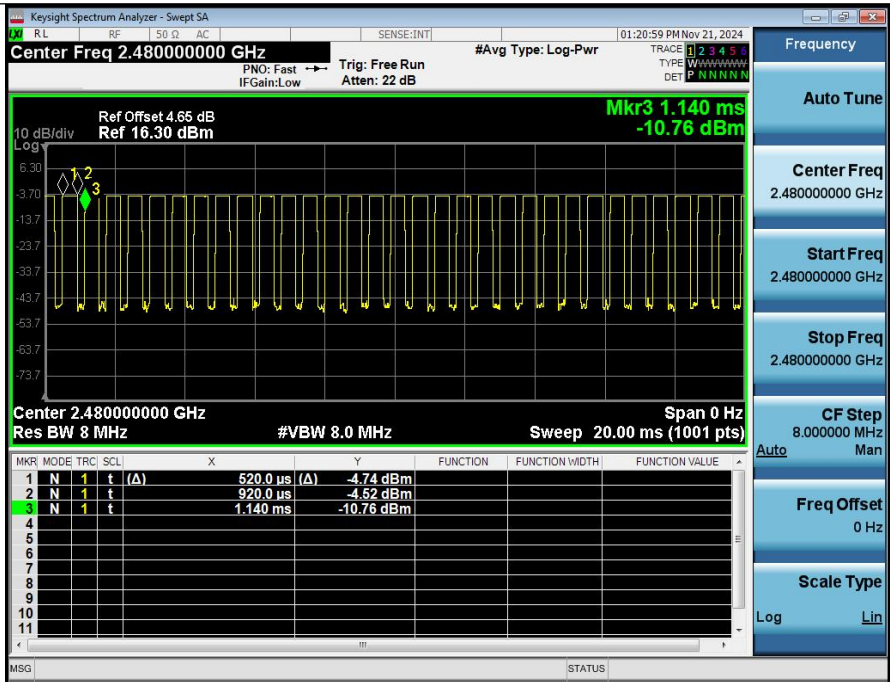


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	64.52	1.90
NVNT	ANT1	1Mbps	2440.00	65.63	1.83
NVNT	ANT1	1Mbps	2480.00	67.74	1.69

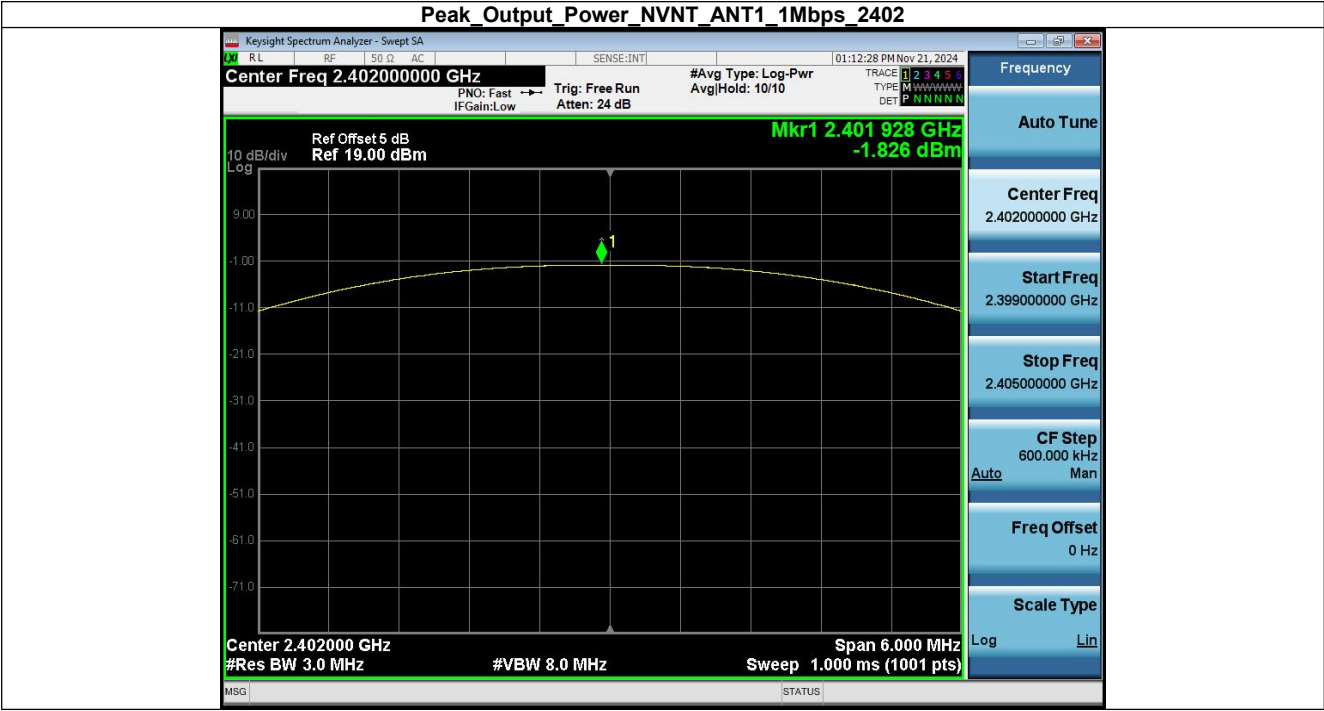


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-1.83	0.66	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.61	0.69	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-4.43	0.36	1000	Pass

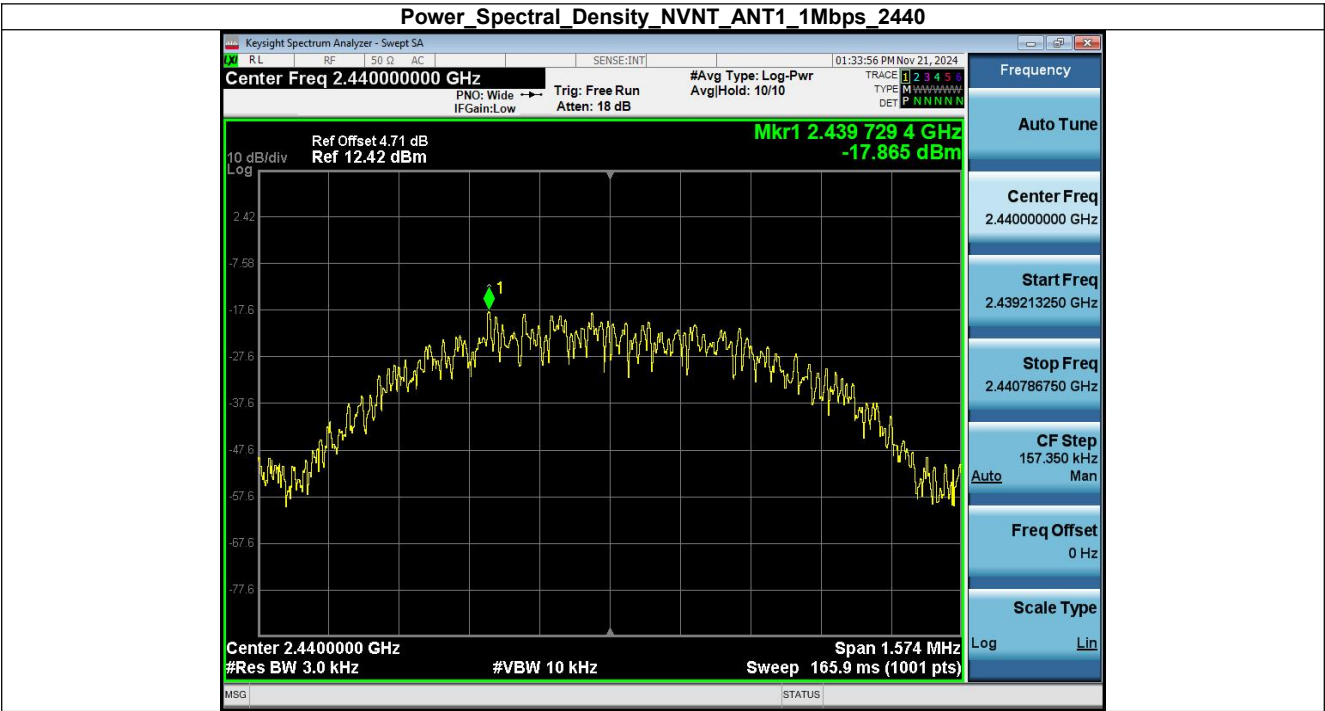
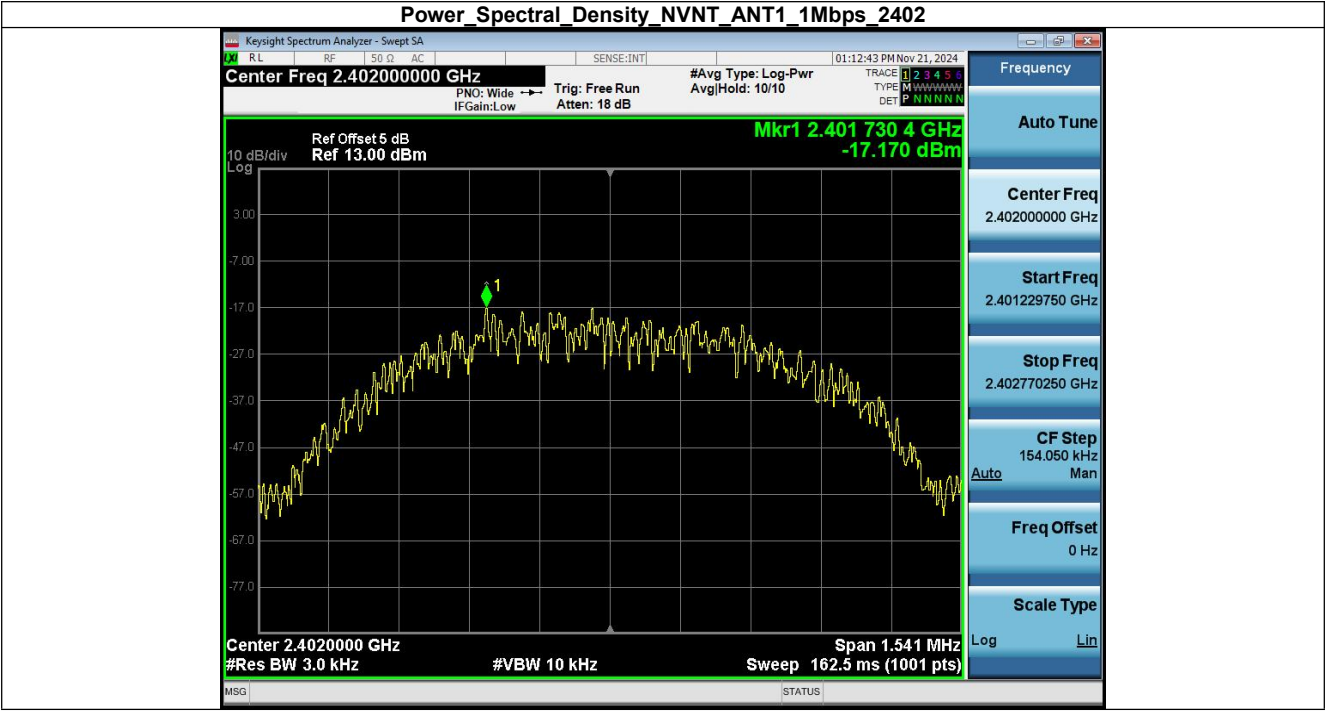


Peak_Output_Power_NVNT_ANT1_1Mbps_2480

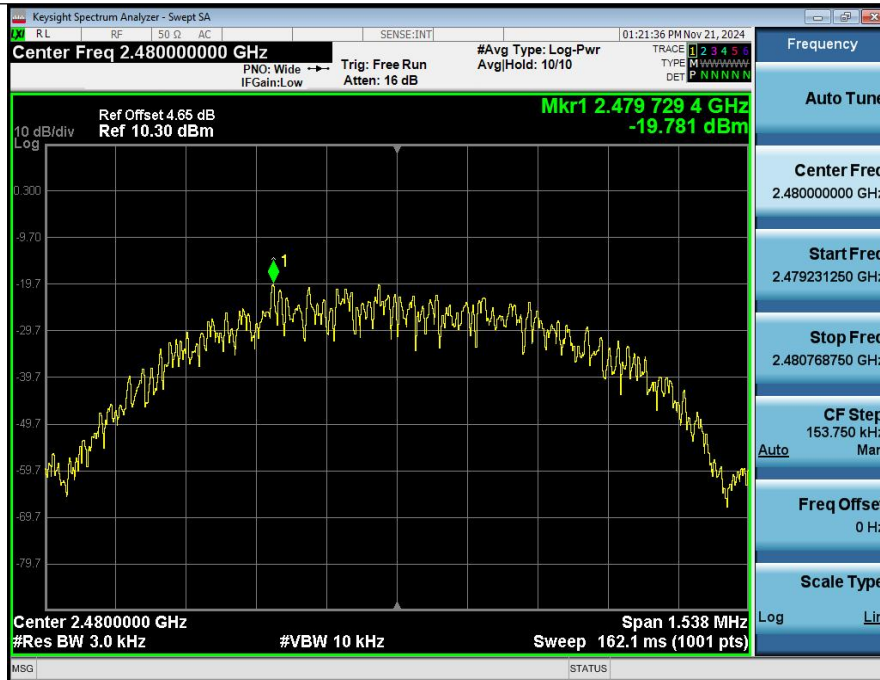


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-17.17	8	Pass
NVNT	ANT1	1Mbps	2440.00	-17.86	8	Pass
NVNT	ANT1	1Mbps	2480.00	-19.78	8	Pass

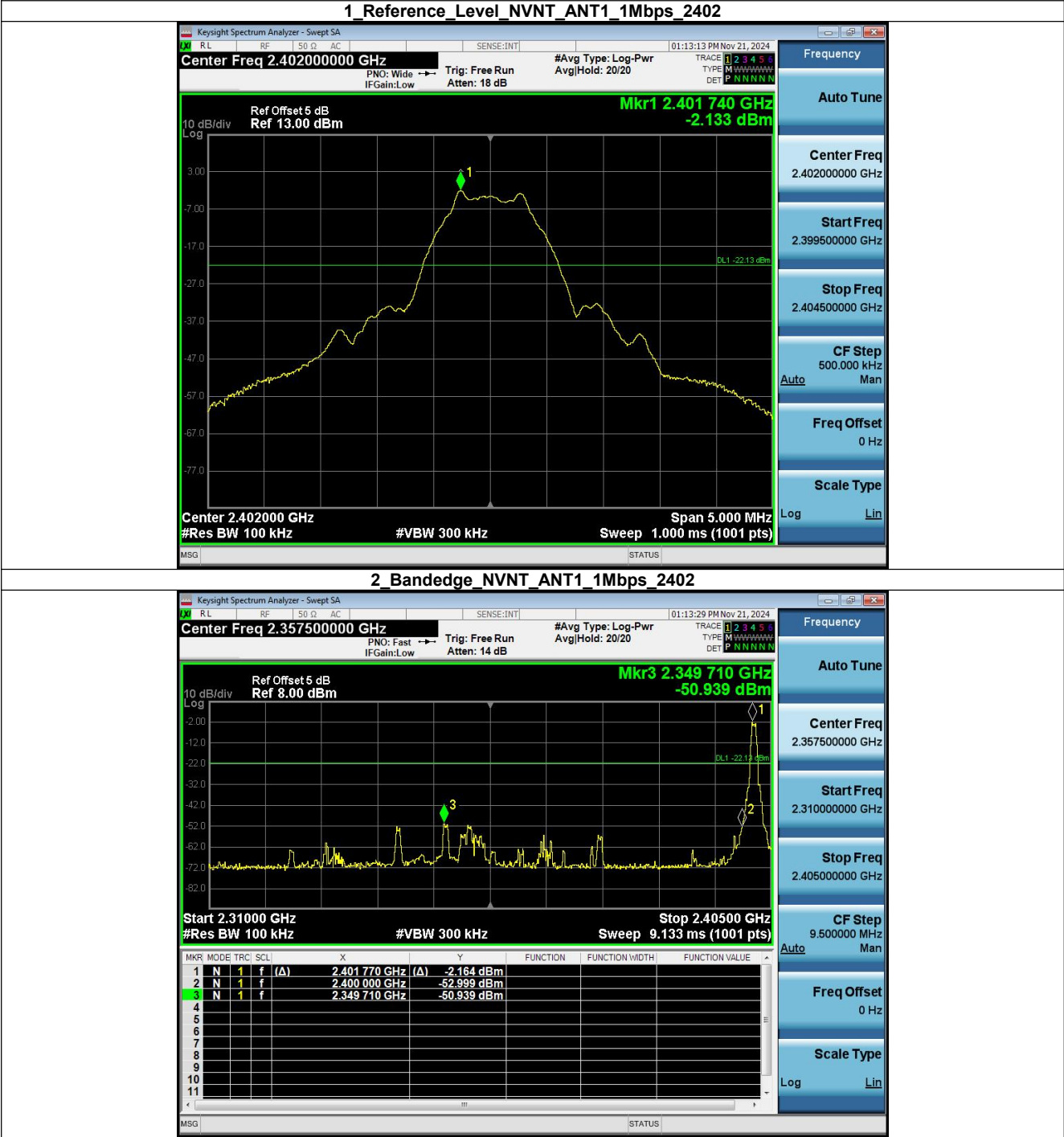


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

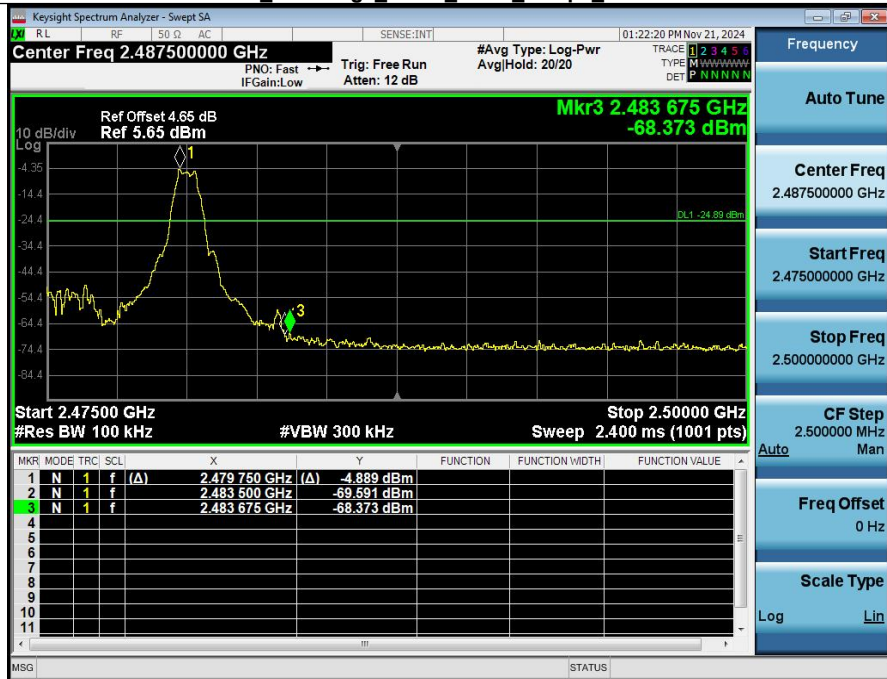
Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2349.710	-50.939	-22.133	Pass
NVNT	ANT1	1Mbps	2480.00	2483.675	-68.373	-24.885	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

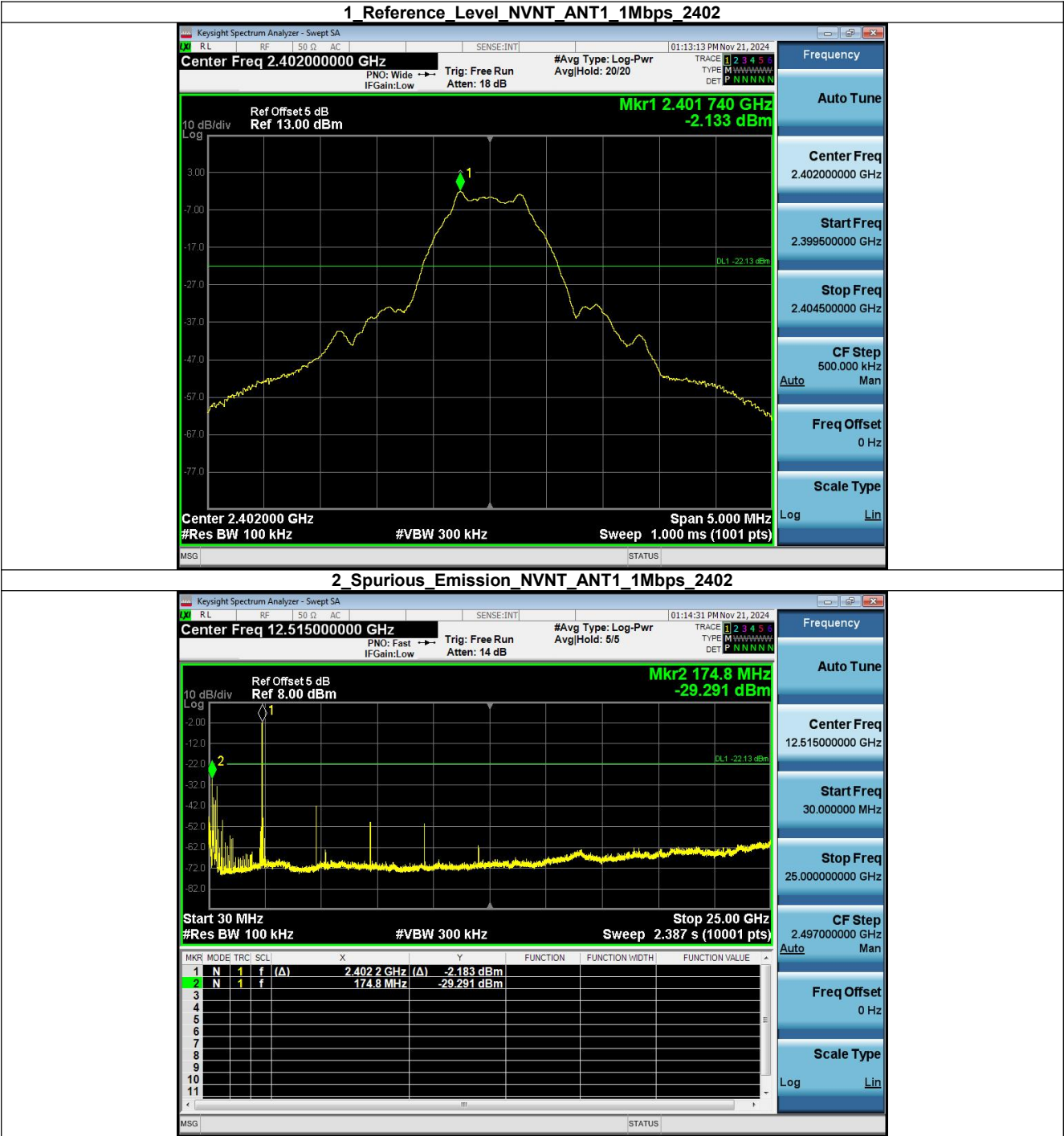


2_Bandedge_NVNT_ANT1_1Mbps_2480

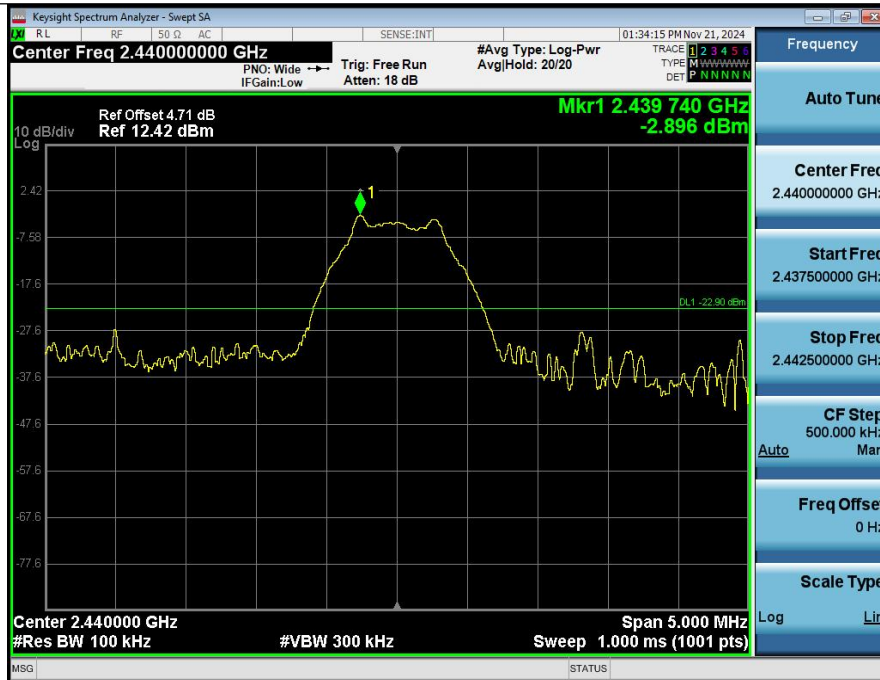


7. Spurious Emission

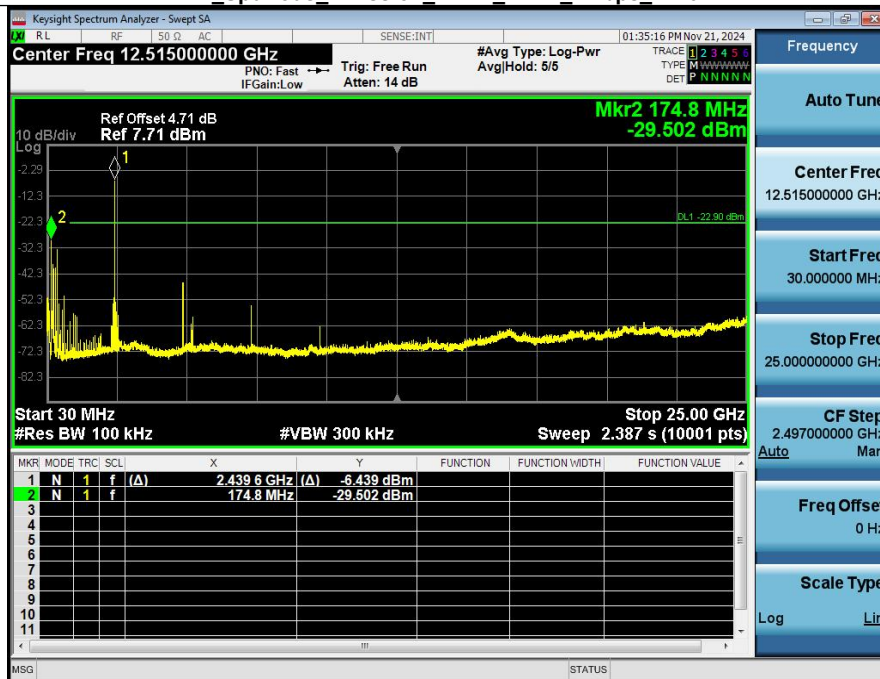
Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402.00	-29.291	-22.133	Pass
NVNT	ANT1	1Mbps	2440.00	-29.502	-22.896	Pass
NVNT	ANT1	1Mbps	2480.00	-27.662	-24.885	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

