

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

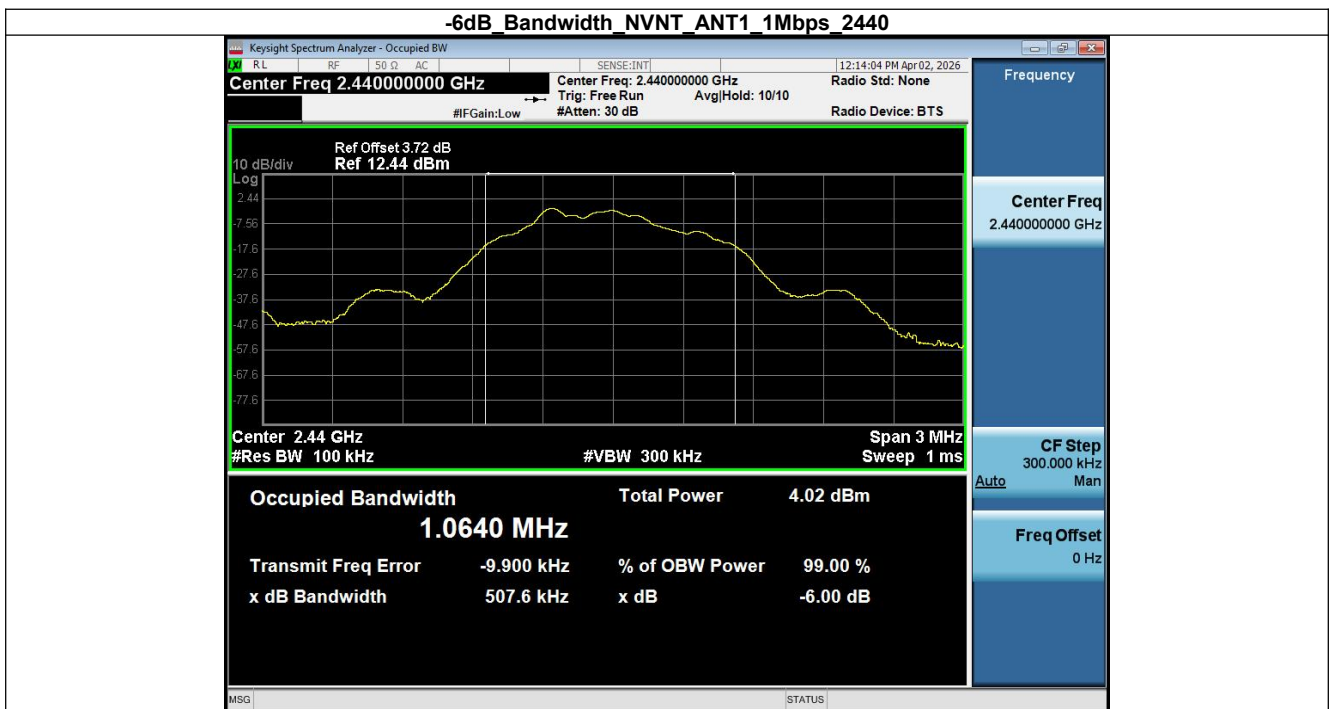
7. Spurious Emission14

FCC ID 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	505.77	500	Pass
NVNT	ANT1	1Mbps	2440.00	507.55	500	Pass
NVNT	ANT1	1Mbps	2480.00	505.78	500	Pass

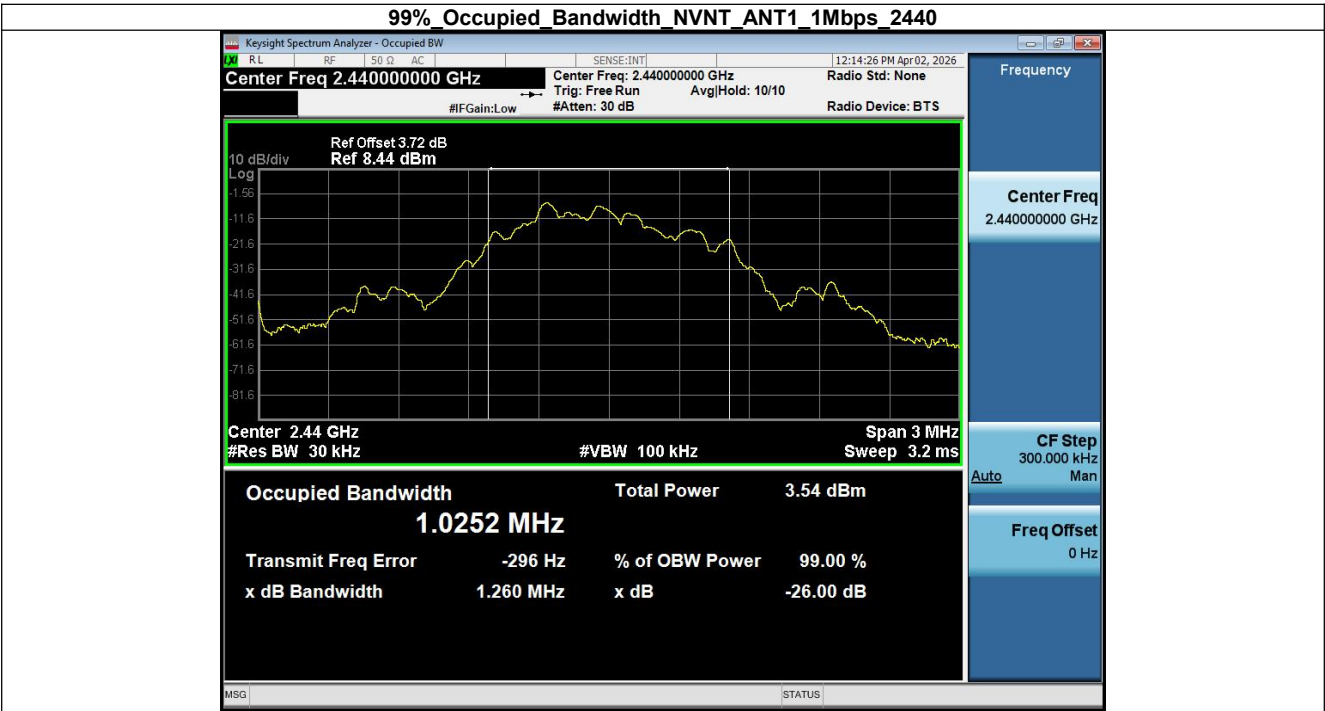


-6dB Bandwidth NVNT ANT1 1Mbps 2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.026
NVNT	ANT1	1Mbps	2440.00	1.025
NVNT	ANT1	1Mbps	2480.00	1.026

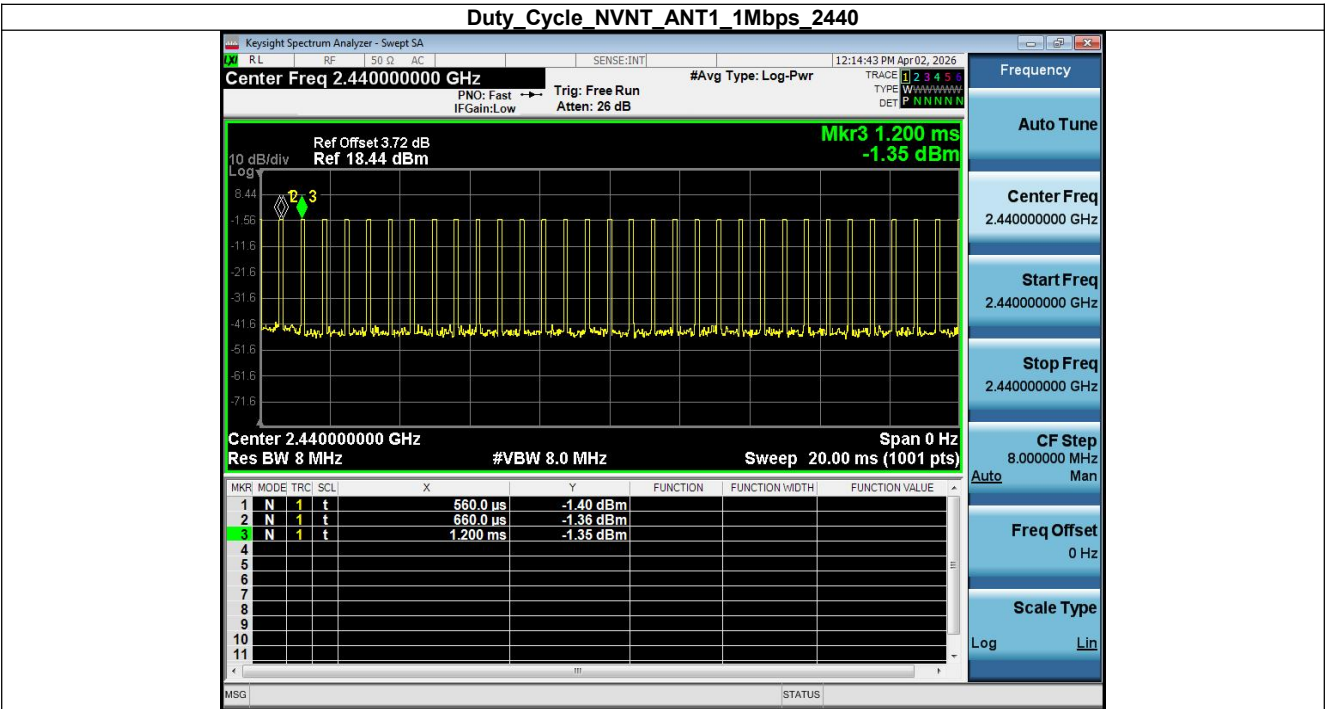
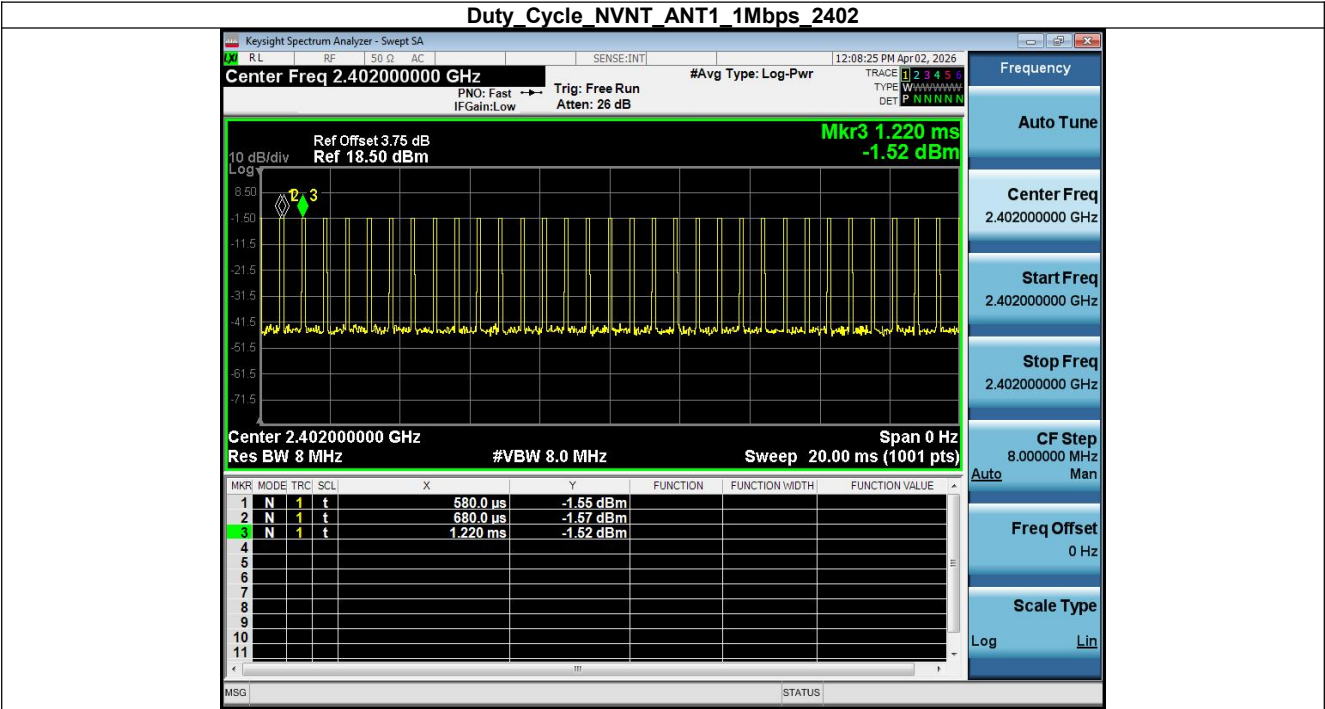


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

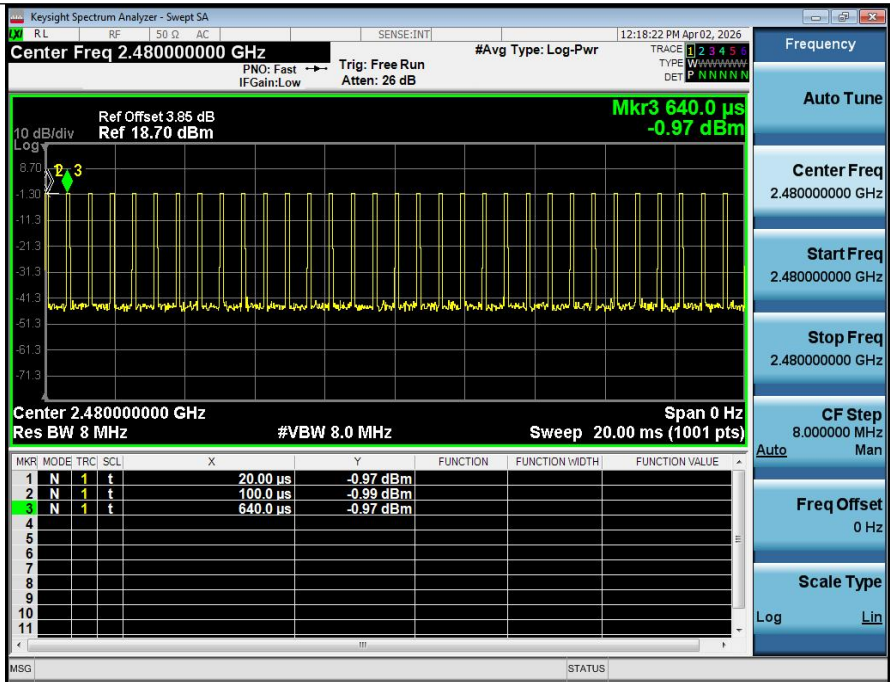


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	18.75	7.27
NVNT	ANT1	1Mbps	2440.00	18.75	7.27
NVNT	ANT1	1Mbps	2480.00	12.90	8.89

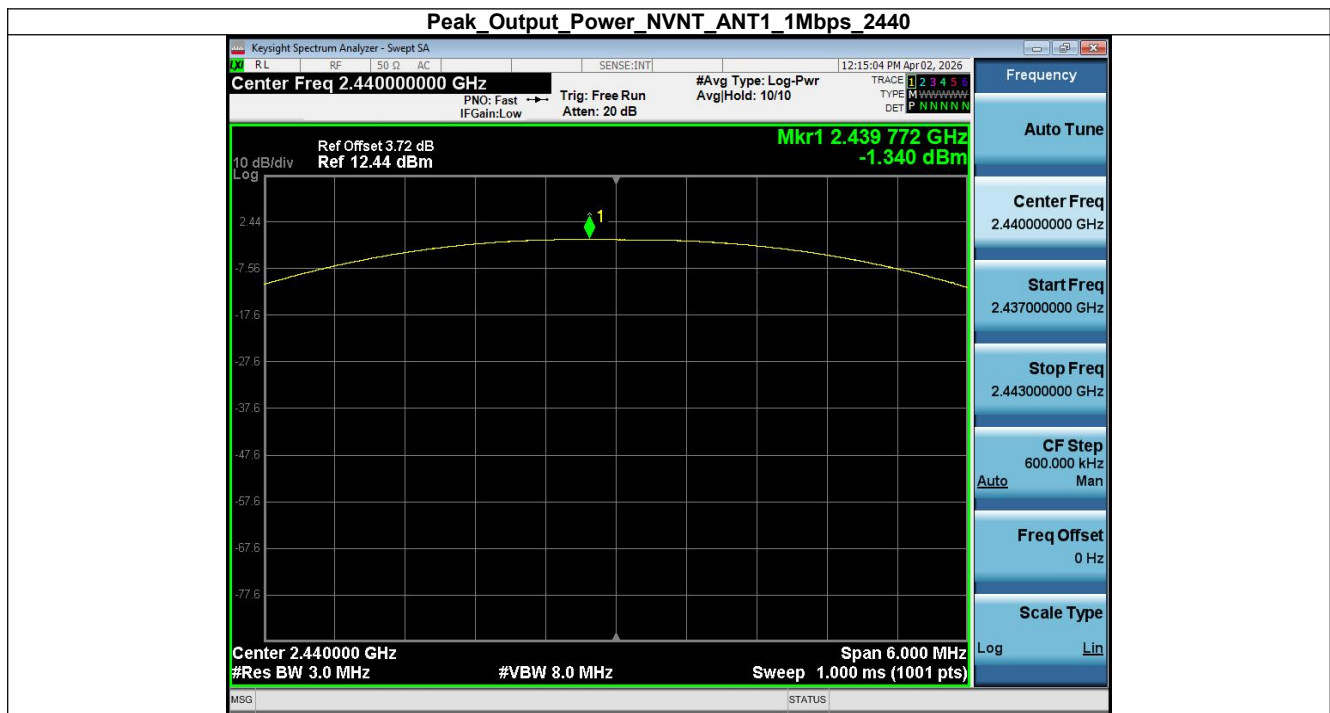
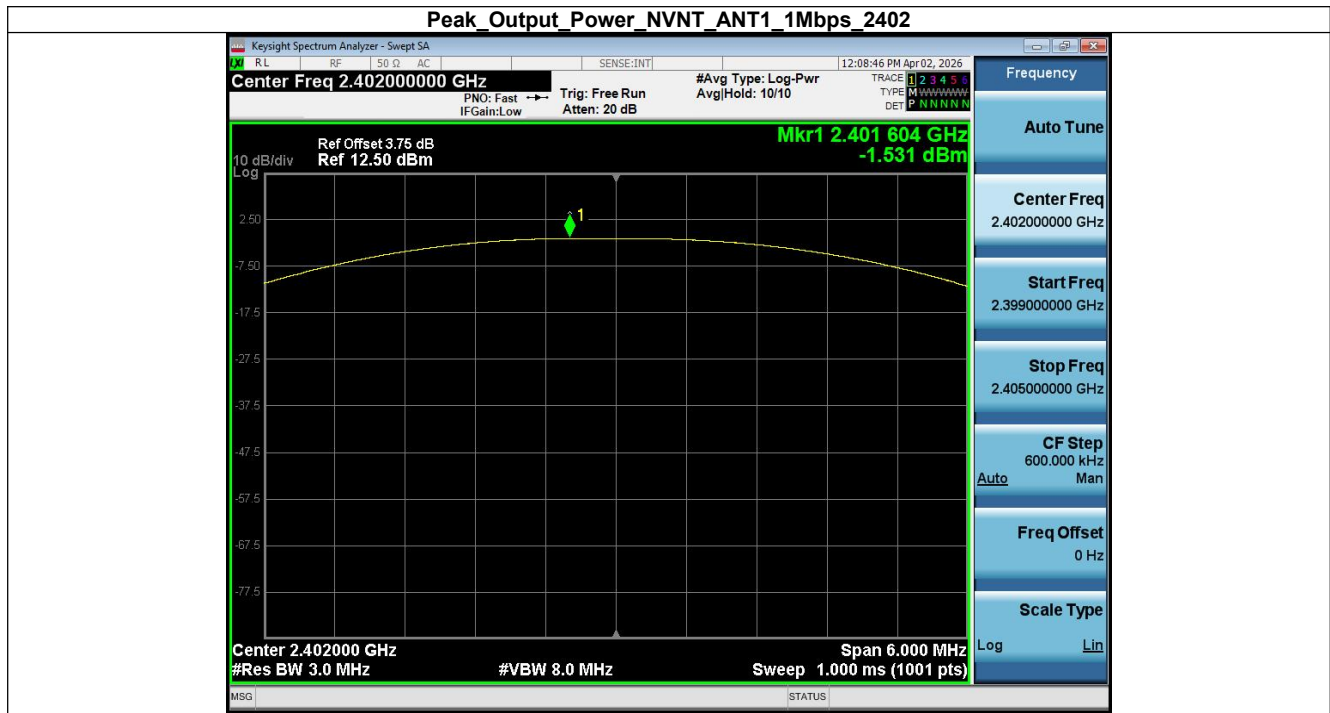


Duty Cycle_NVNT_ANT1_1Mbps_2480



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	-1.53	0.70	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.34	0.73	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-0.97	0.80	1000	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2480

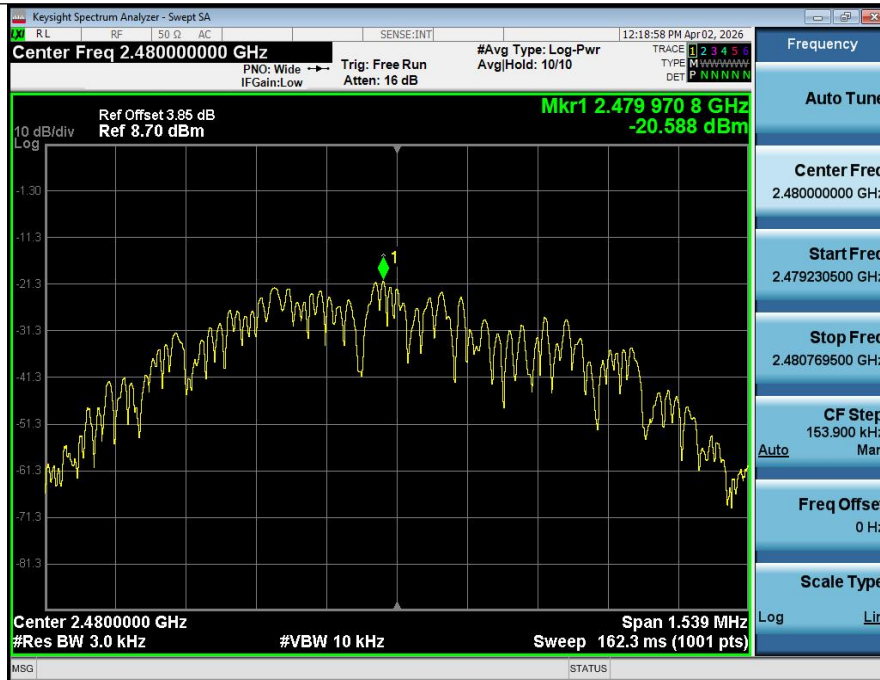


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-21.21	8	Pass
NVNT	ANT1	1Mbps	2440.00	-20.89	8	Pass
NVNT	ANT1	1Mbps	2480.00	-20.59	8	Pass

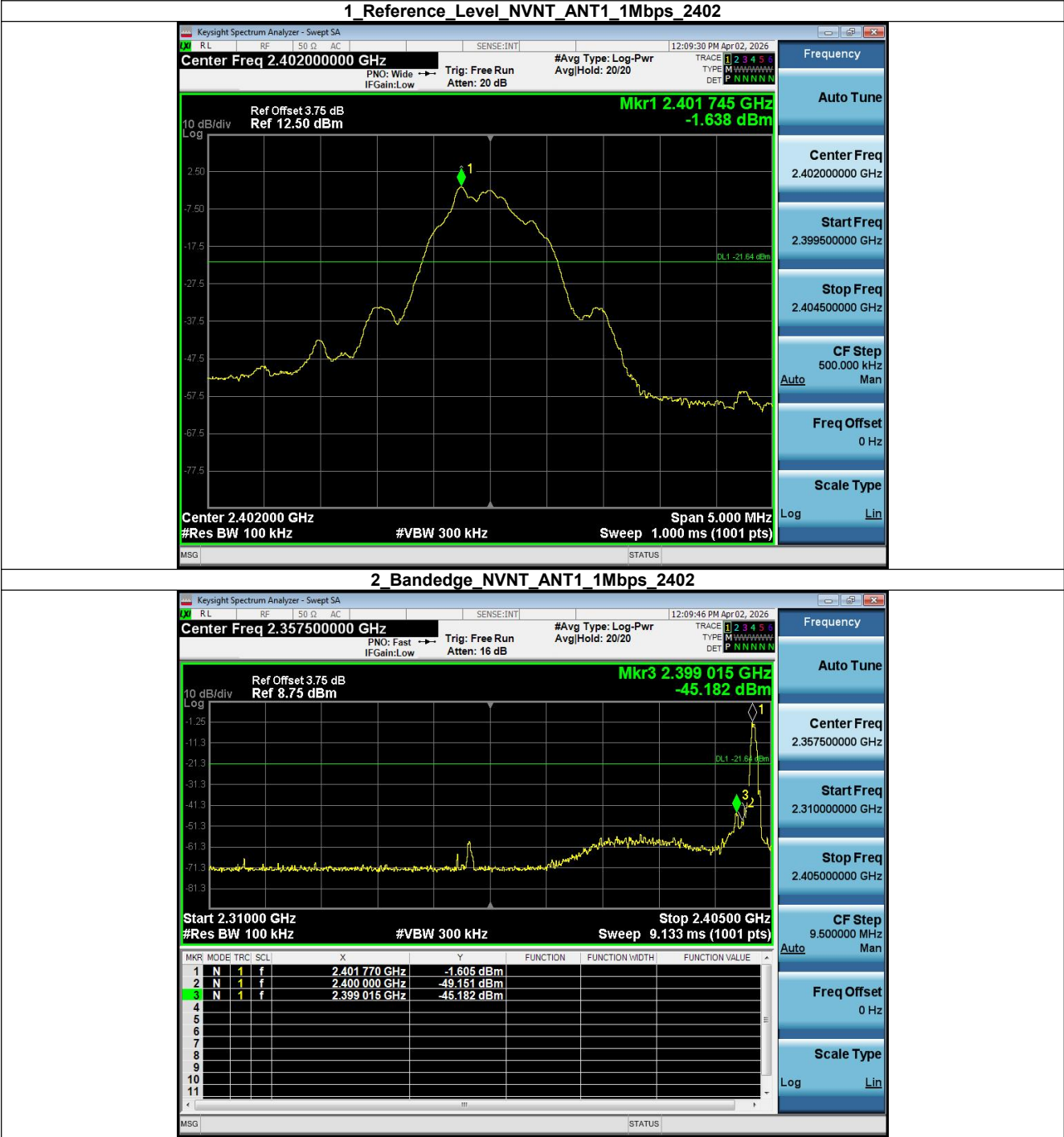


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

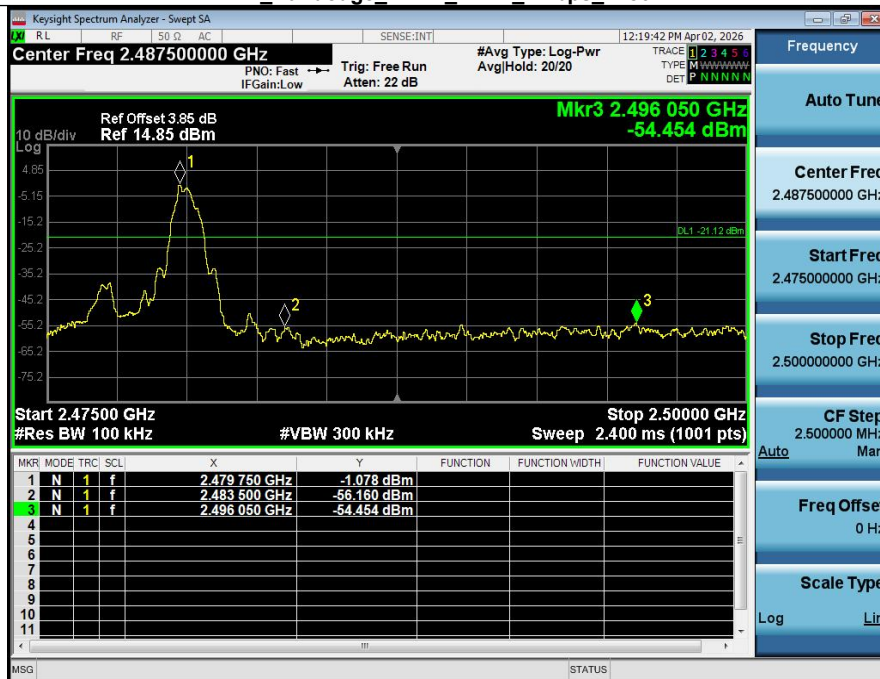
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.015	-1.638	-45.182	-21.638	Pass
NVNT	ANT1	1Mbps	2480.00	2496.050	-1.116	-54.454	-21.116	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

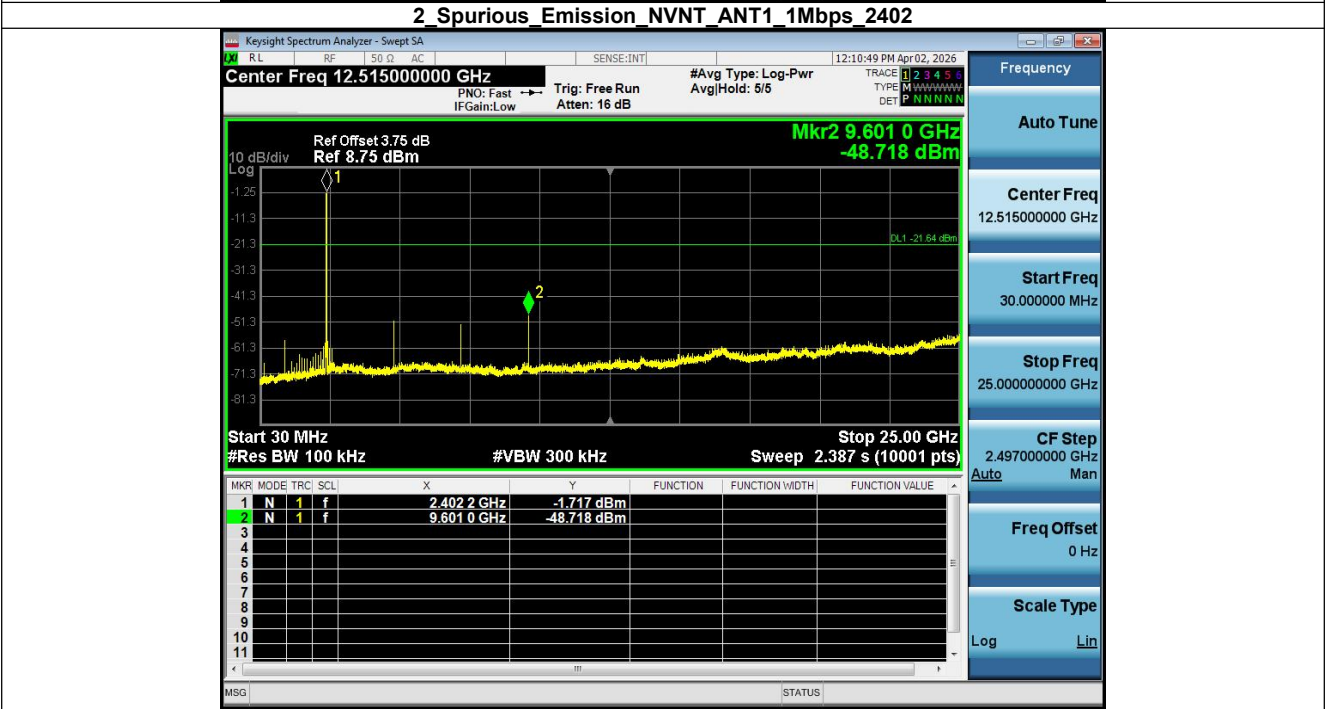


2_Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

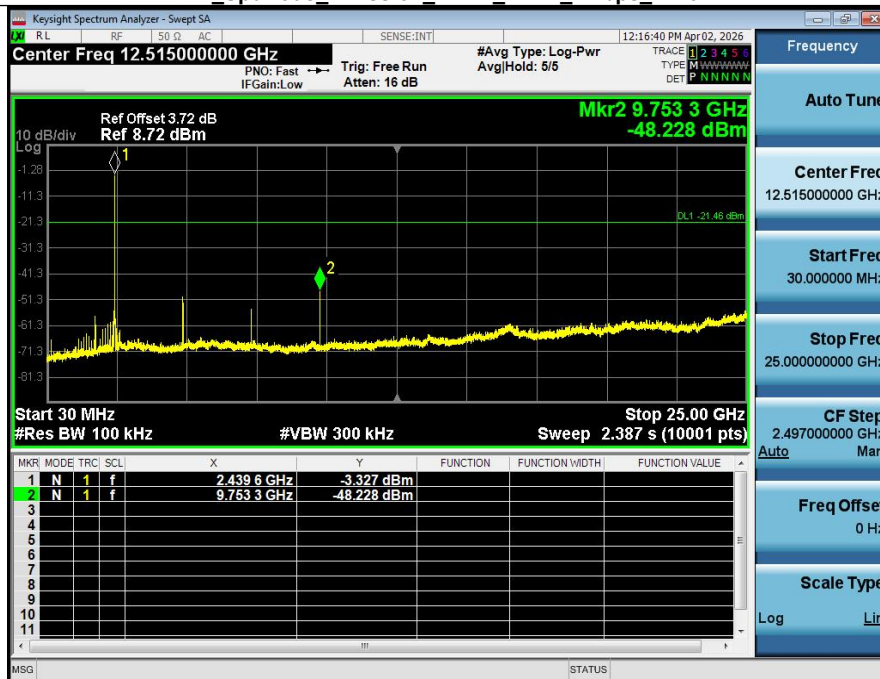
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-1.638	-48.718	-21.638	Pass
NVNT	ANT1	1Mbps	2440.00	-1.464	-48.228	-21.464	Pass
NVNT	ANT1	1Mbps	2480.00	-1.116	-47.383	-21.116	Pass



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

