

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

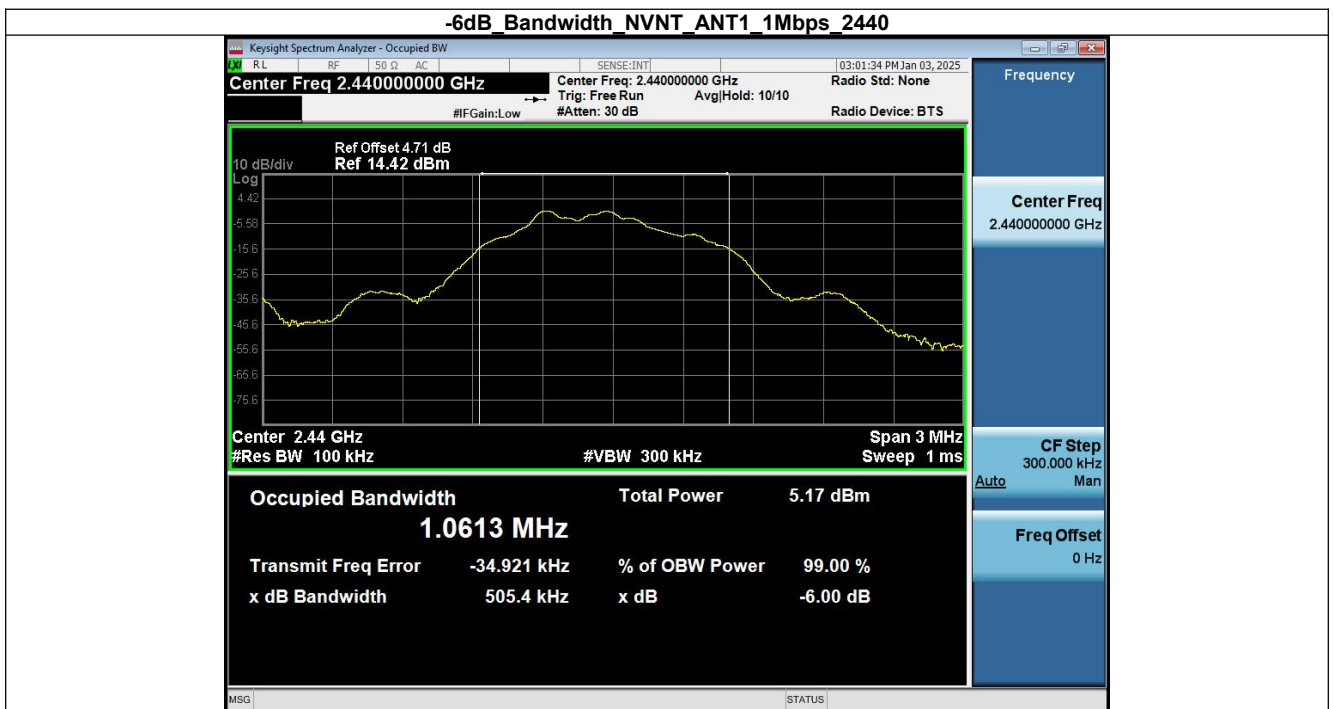
7. Spurious Emission14

FCC 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	502.13	500	Pass
NVNT	ANT1	1Mbps	2440.00	505.38	500	Pass
NVNT	ANT1	1Mbps	2480.00	506.44	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	1.017
NVNT	ANT1	1Mbps	2440.00	1.018
NVNT	ANT1	1Mbps	2480.00	1.018

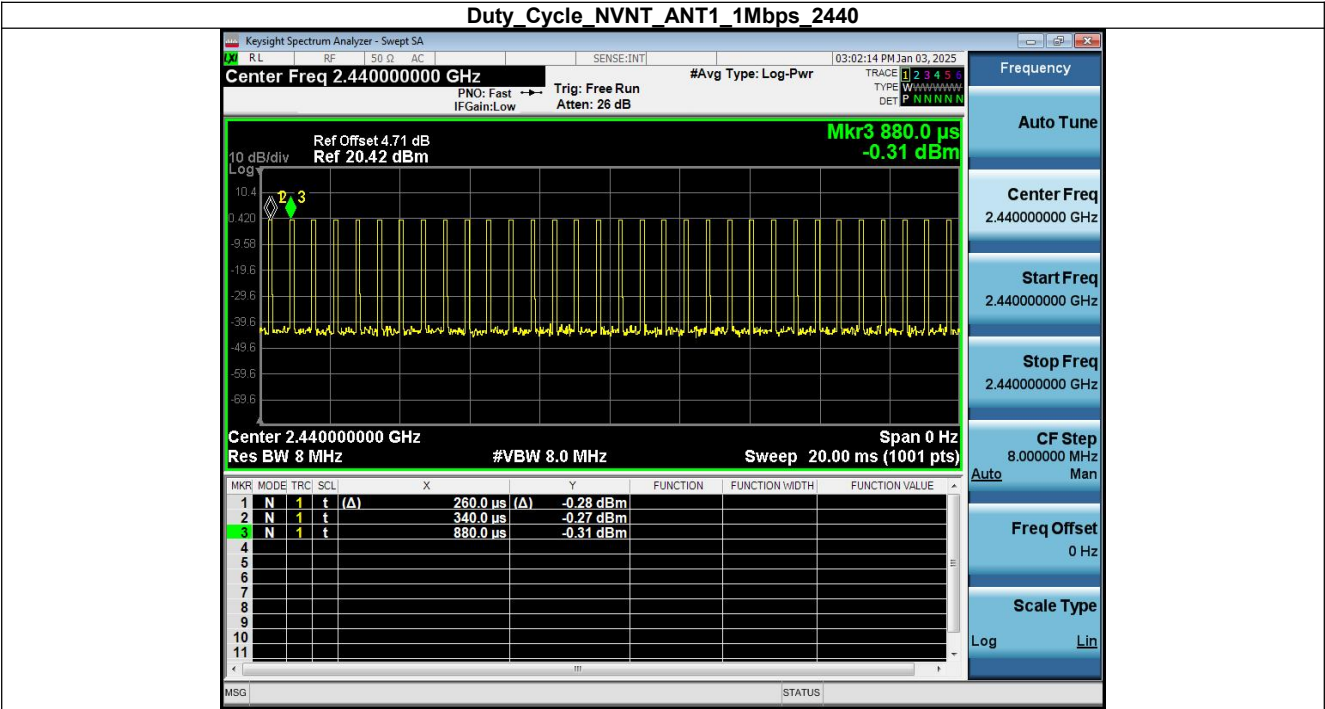
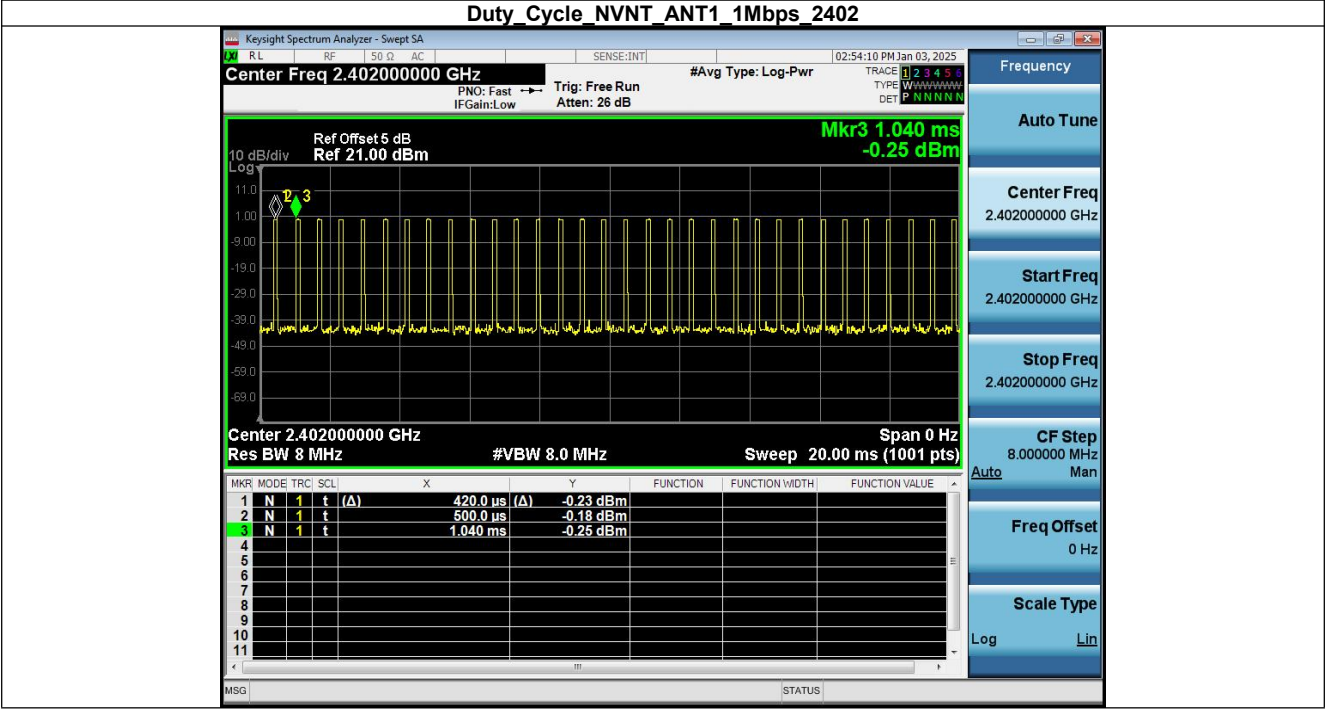


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

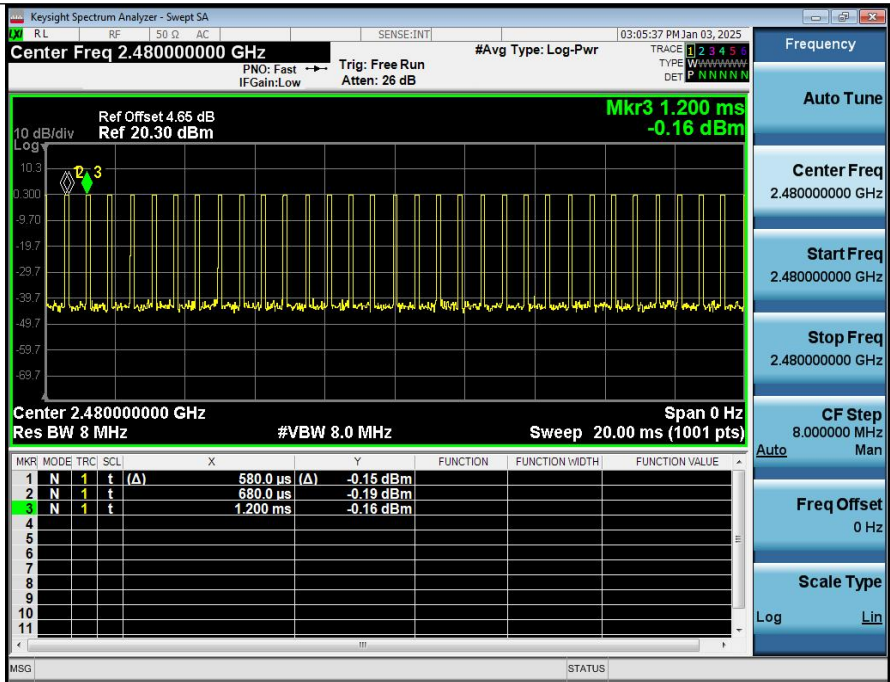


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	12.90	8.89
NVNT	ANT1	1Mbps	2440.00	12.90	8.89
NVNT	ANT1	1Mbps	2480.00	19.35	7.13

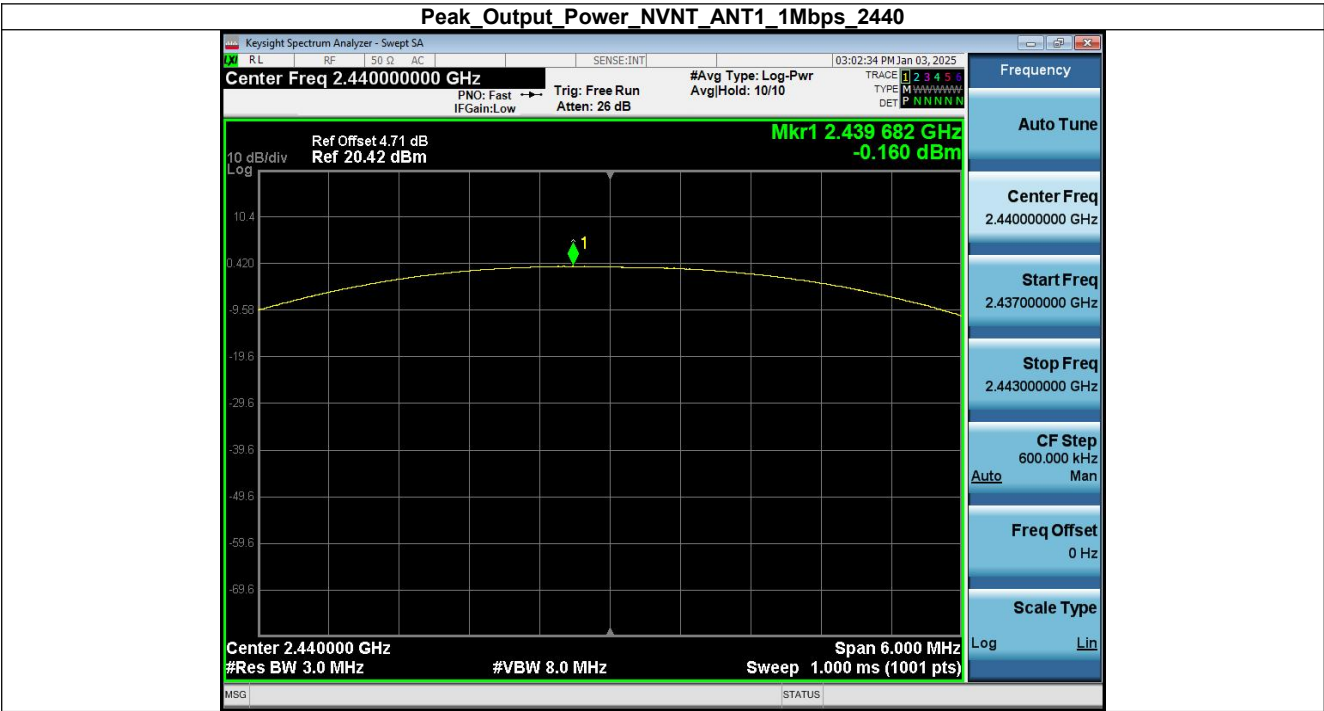
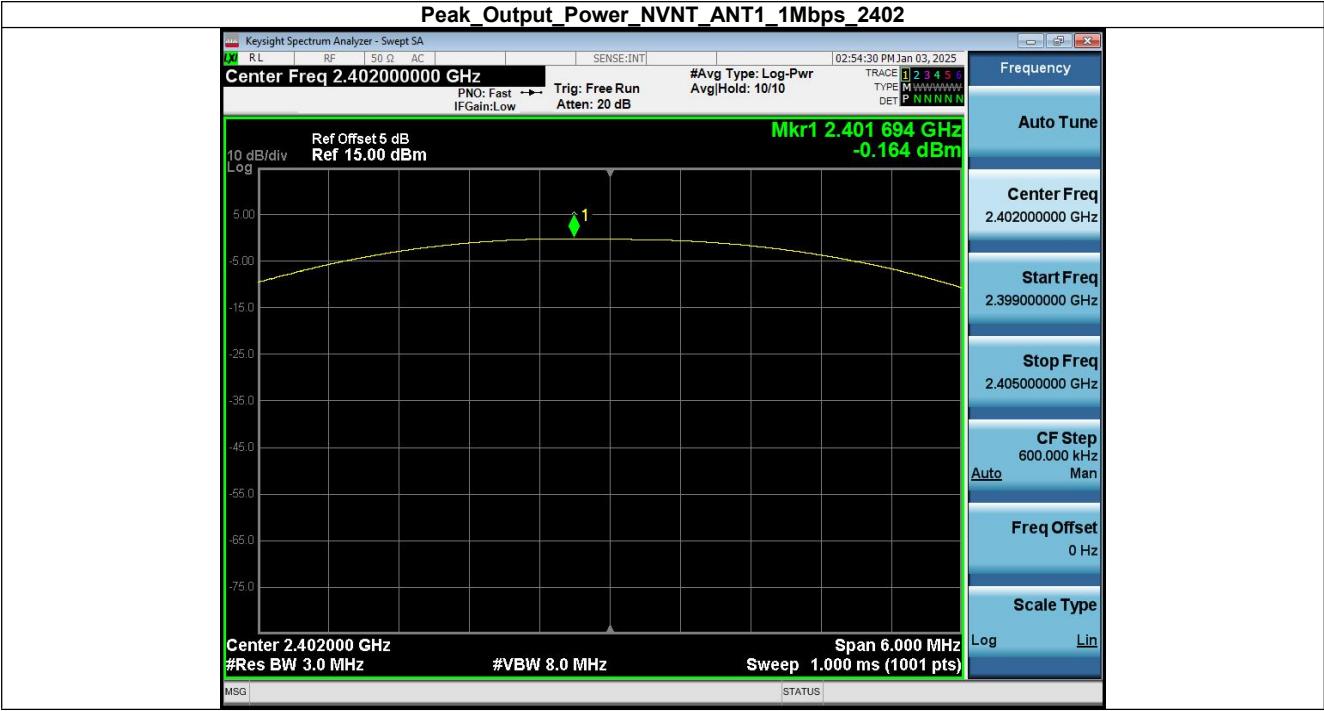


Duty Cycle_NVNT_ANT1_1Mbps_2480



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	-0.16	0.96	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.16	0.96	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-0.09	0.98	1000	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2480

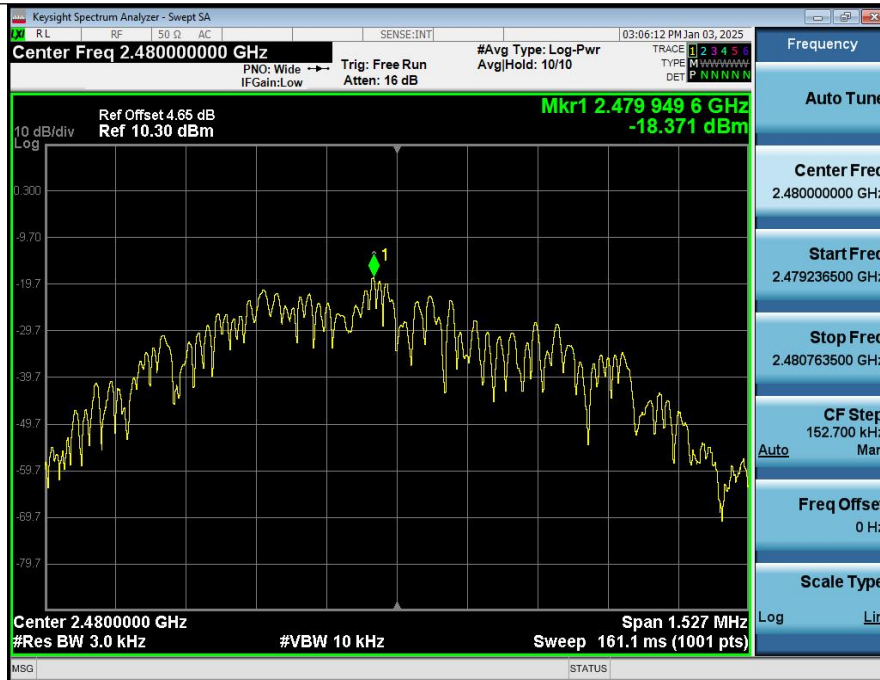


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-18.37	8	Pass
NVNT	ANT1	1Mbps	2440.00	-18.44	8	Pass
NVNT	ANT1	1Mbps	2480.00	-18.37	8	Pass

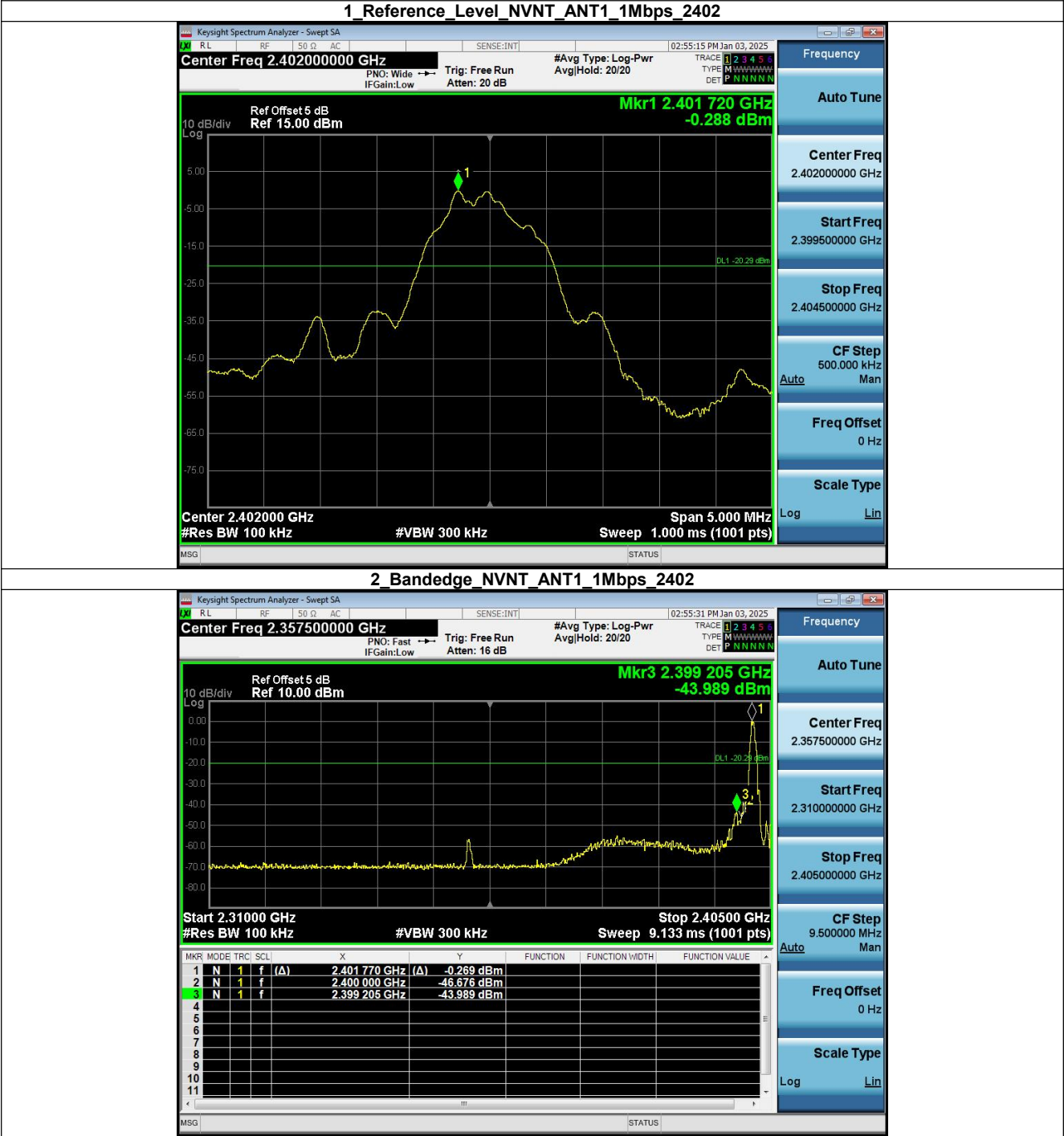


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

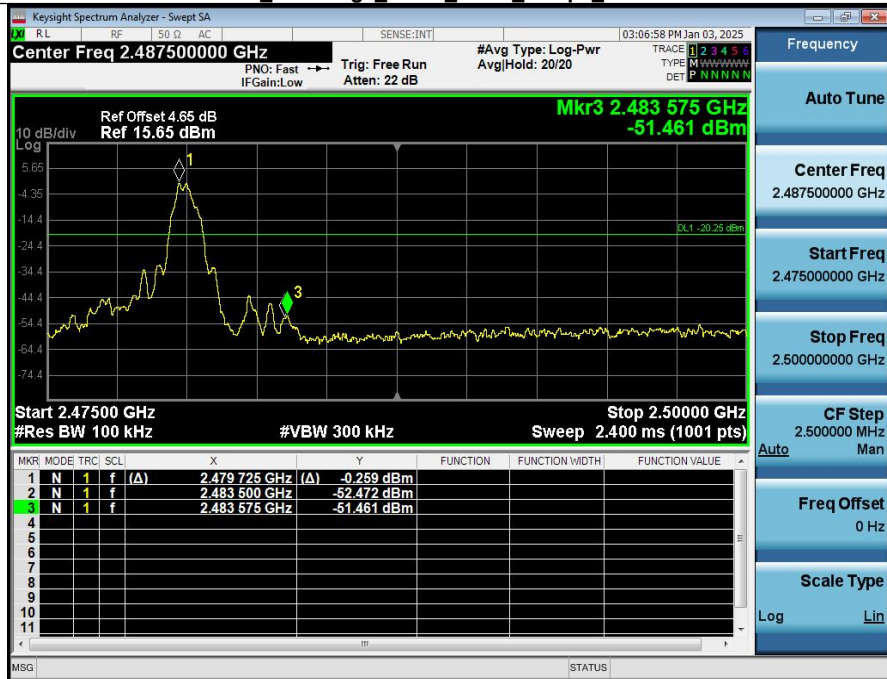
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.205	-0.288	-43.989	-20.288	Pass
NVNT	ANT1	1Mbps	2480.00	2483.575	-0.245	-51.461	-20.245	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480



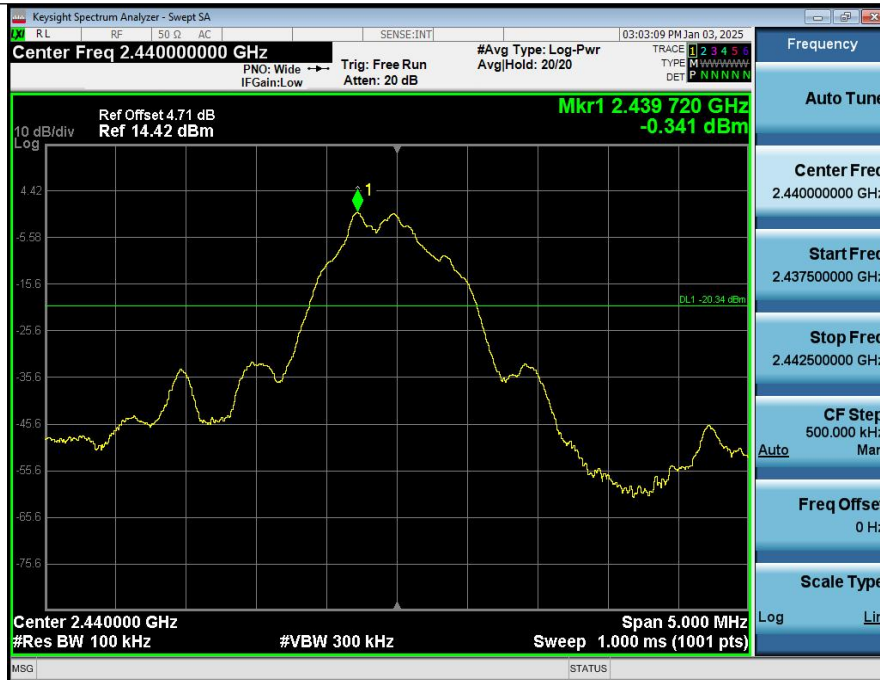
2_Bandedge_NVNT_ANT1_1Mbps_2480



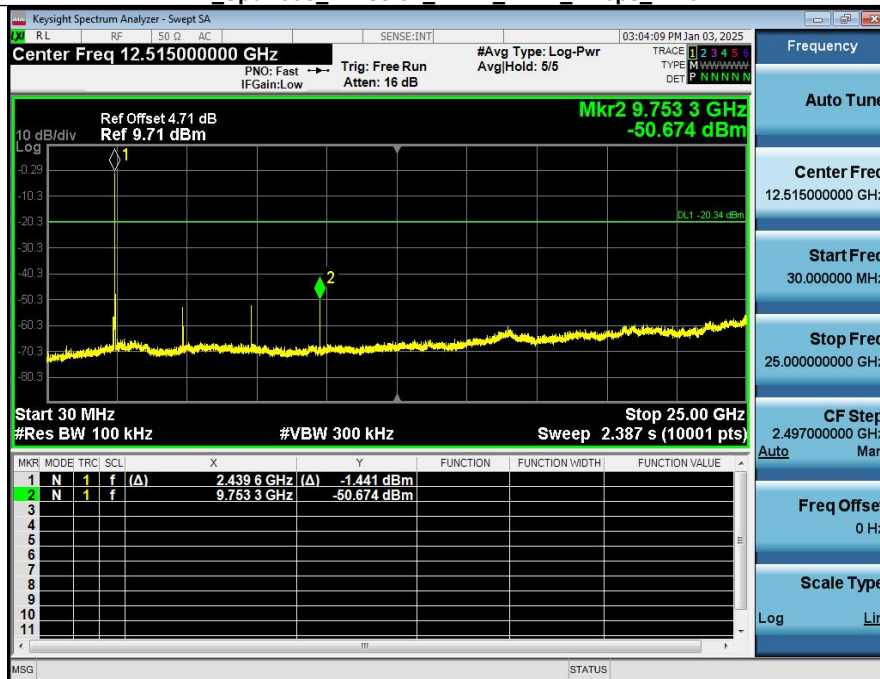
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.288	-49.915	-20.288	Pass
NVNT	ANT1	1Mbps	2440.00	-0.341	-50.674	-20.341	Pass
NVNT	ANT1	1Mbps	2480.00	-0.245	-50.103	-20.245	Pass

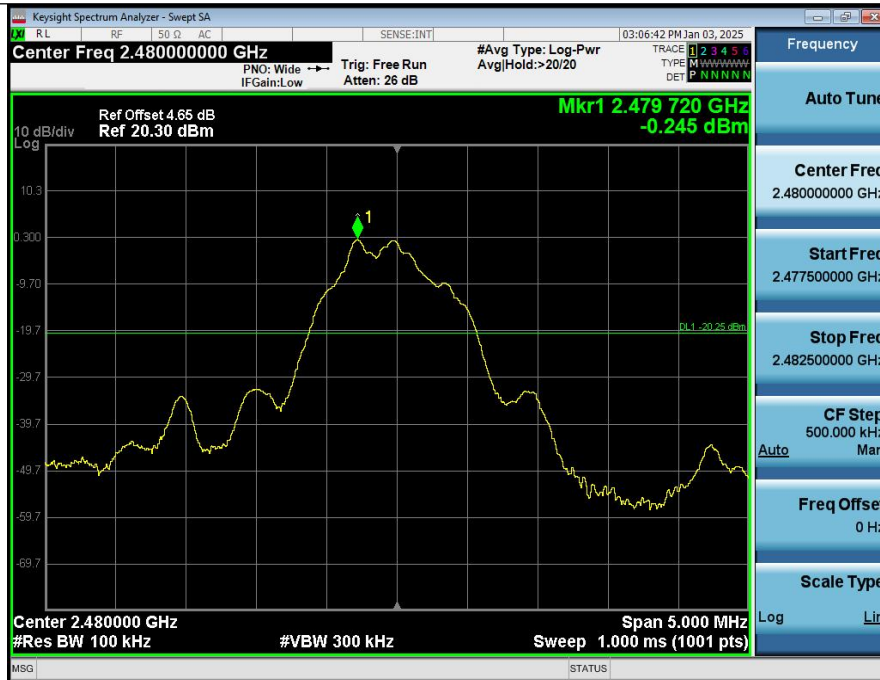




2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

