

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

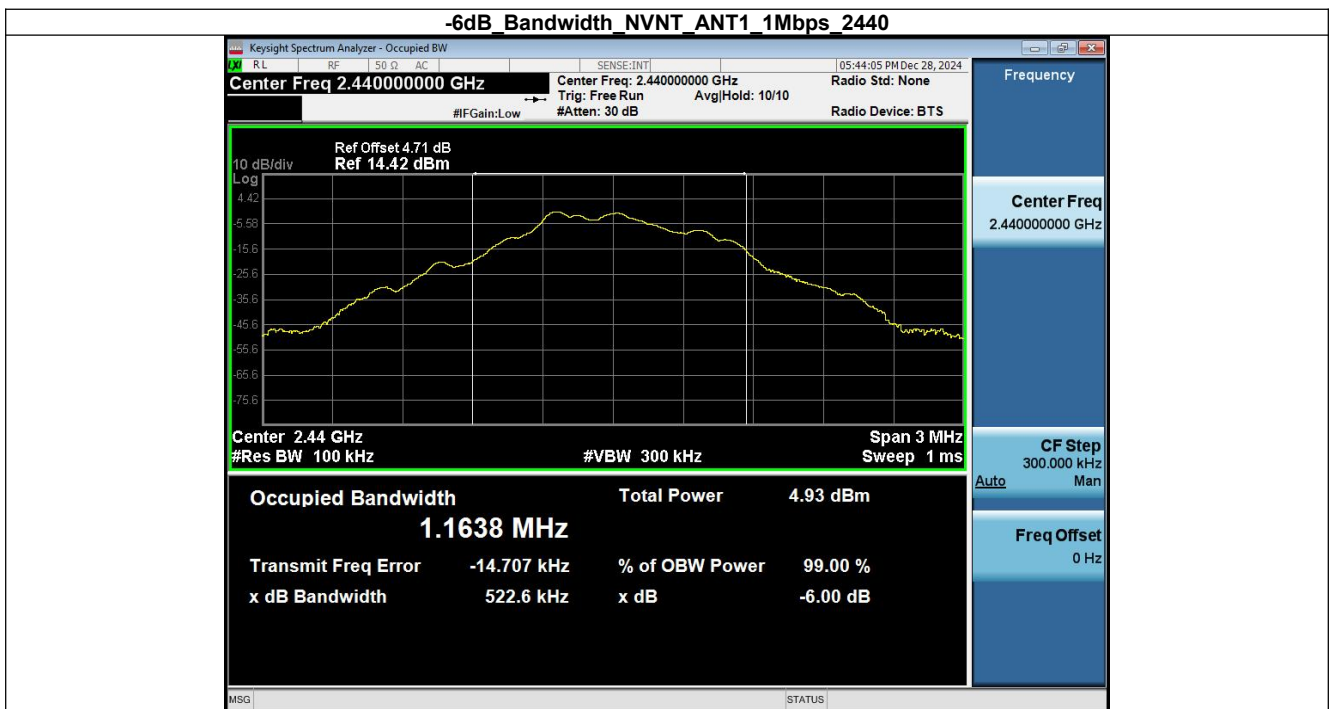
7. Spurious Emission14

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	502.78	500	Pass
NVNT	ANT1	1Mbps	2440.00	522.55	500	Pass
NVNT	ANT1	1Mbps	2480.00	538.14	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	1.090
NVNT	ANT1	1Mbps	2440.00	1.155
NVNT	ANT1	1Mbps	2480.00	1.204

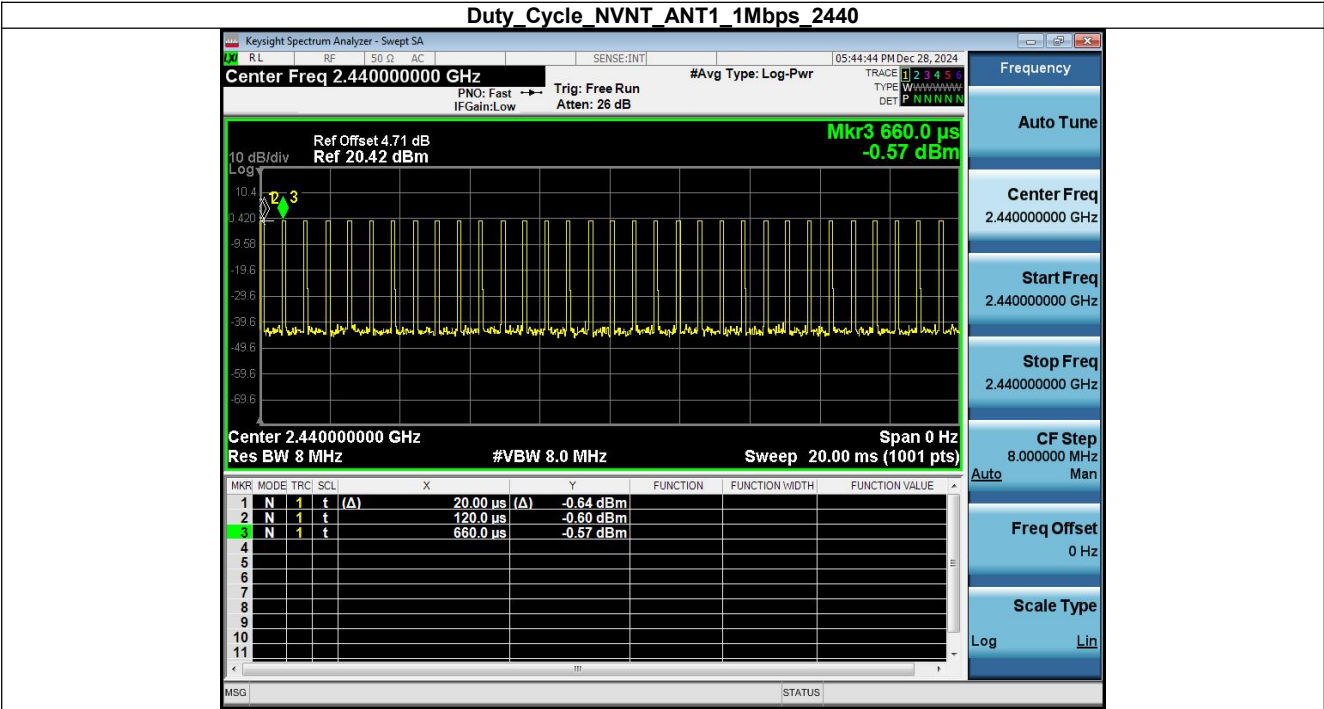
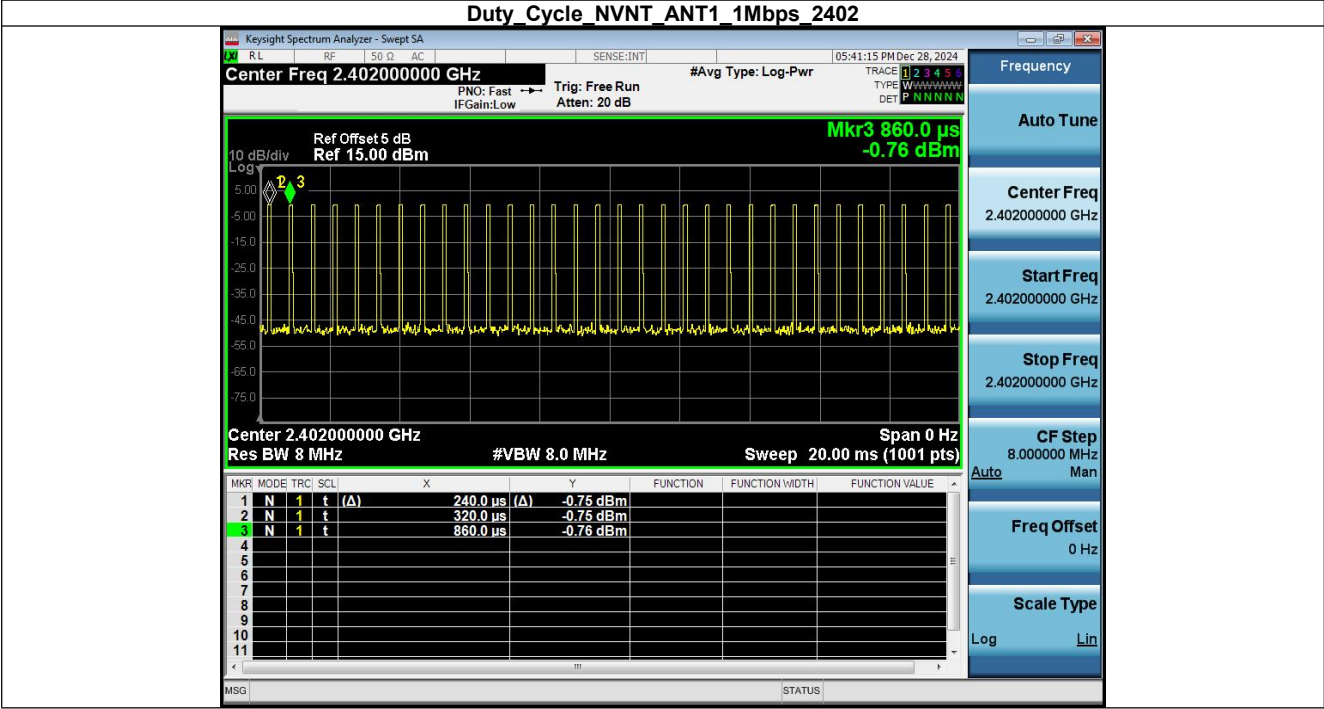


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

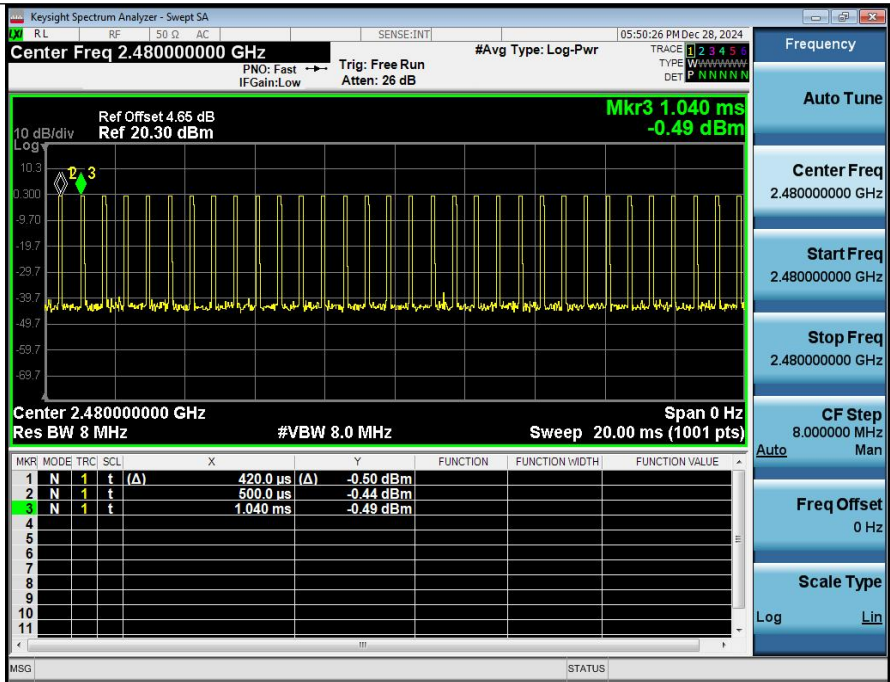


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	12.90	8.89
NVNT	ANT1	1Mbps	2440.00	15.63	8.06
NVNT	ANT1	1Mbps	2480.00	12.90	8.89

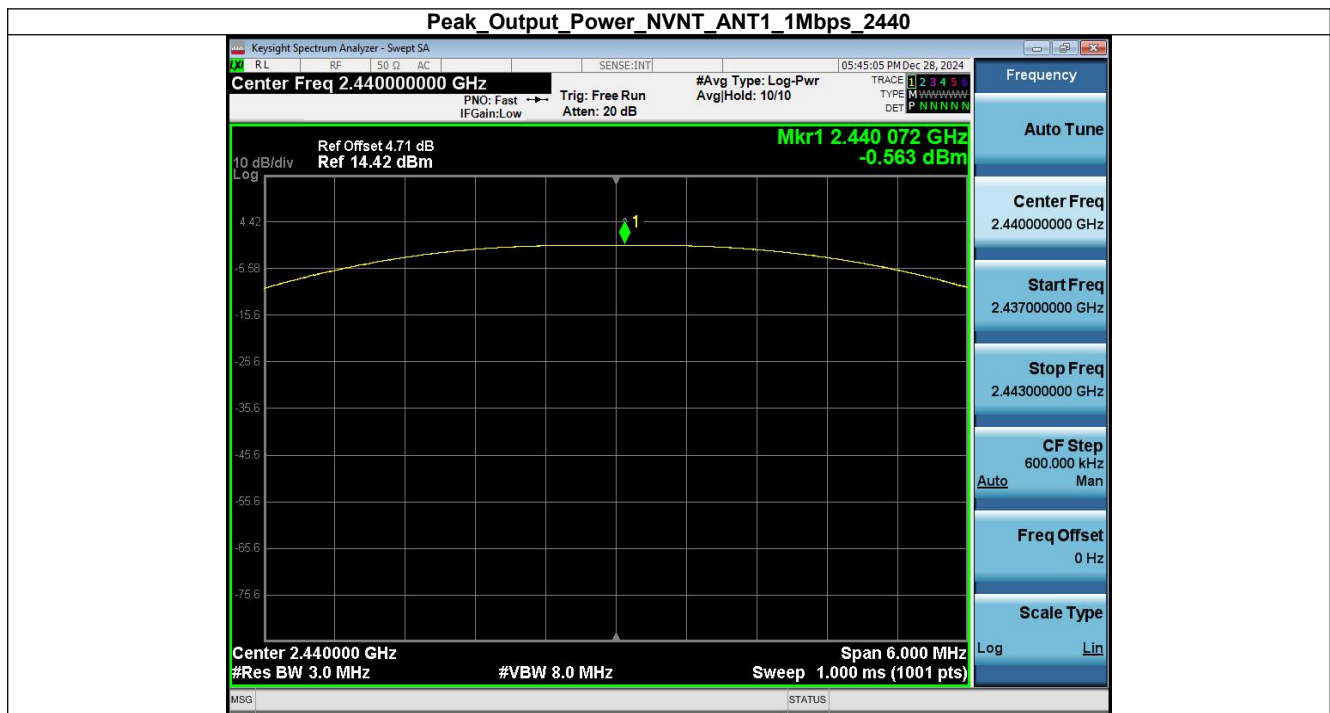
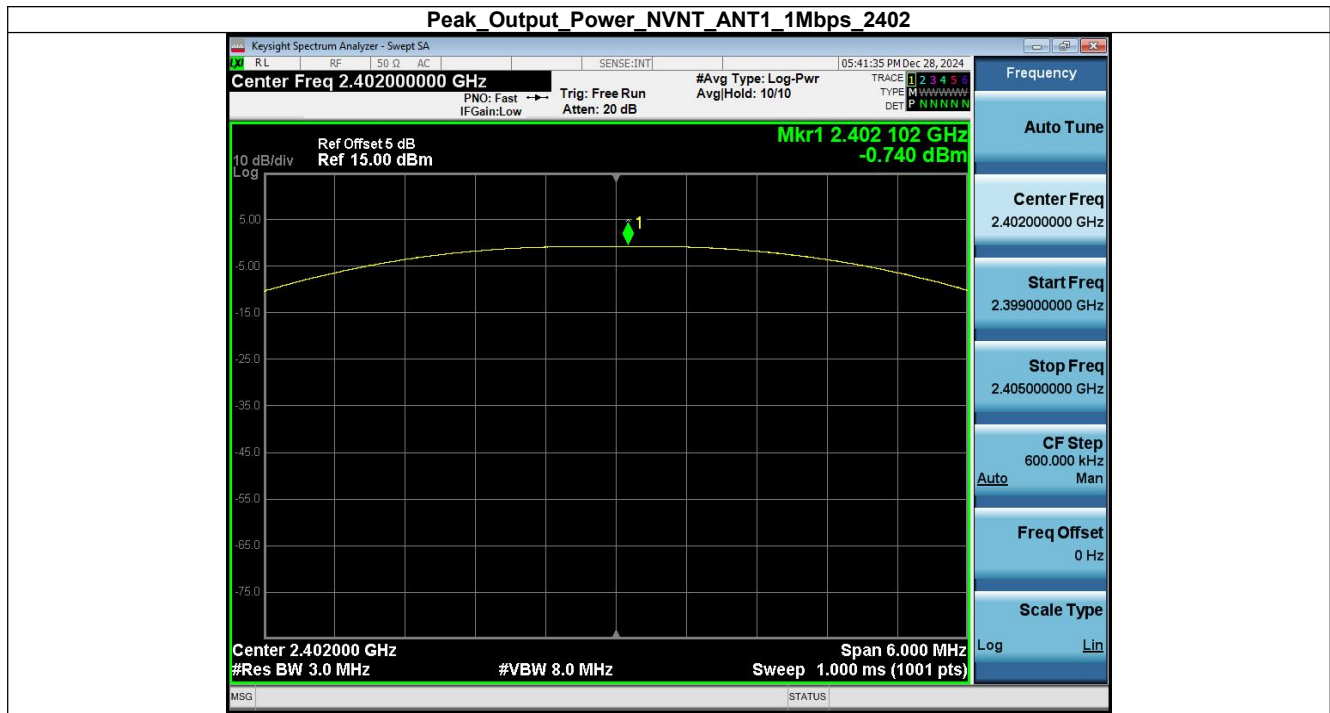


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

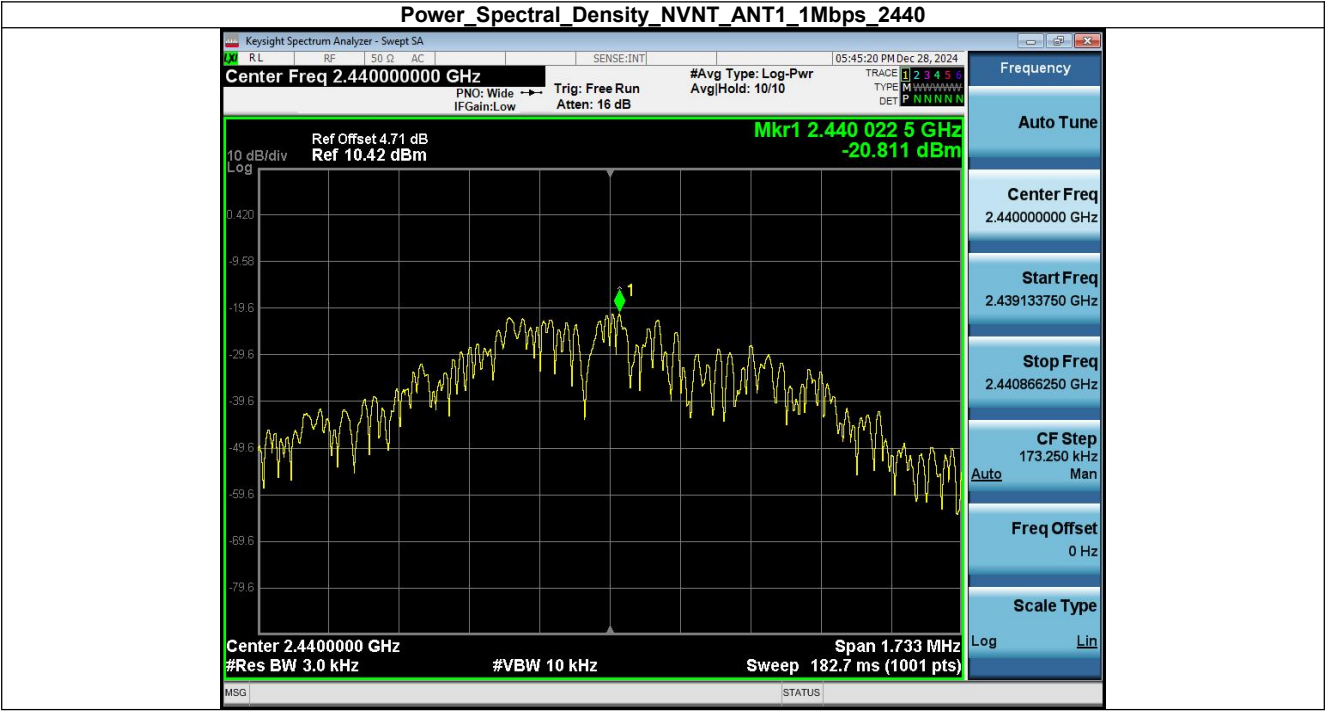
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.740	0.84	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.563	0.88	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-0.481	0.90	1000	Pass



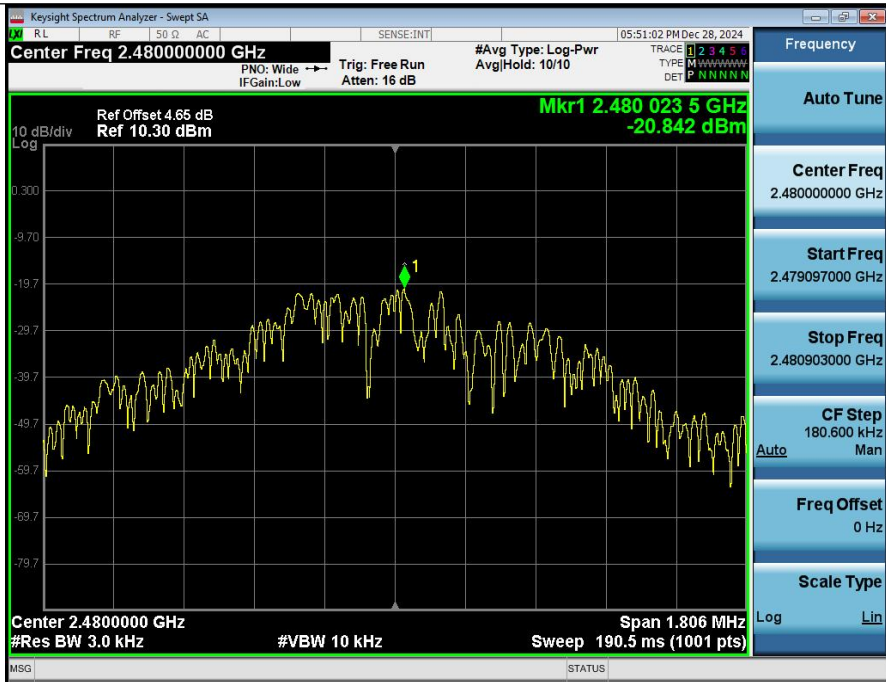
Peak_Output_Power_NVNT_ANT1_1Mbps_2480

5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-20.70	8	Pass
NVNT	ANT1	1Mbps	2440.00	-20.81	8	Pass
NVNT	ANT1	1Mbps	2480.00	-20.84	8	Pass

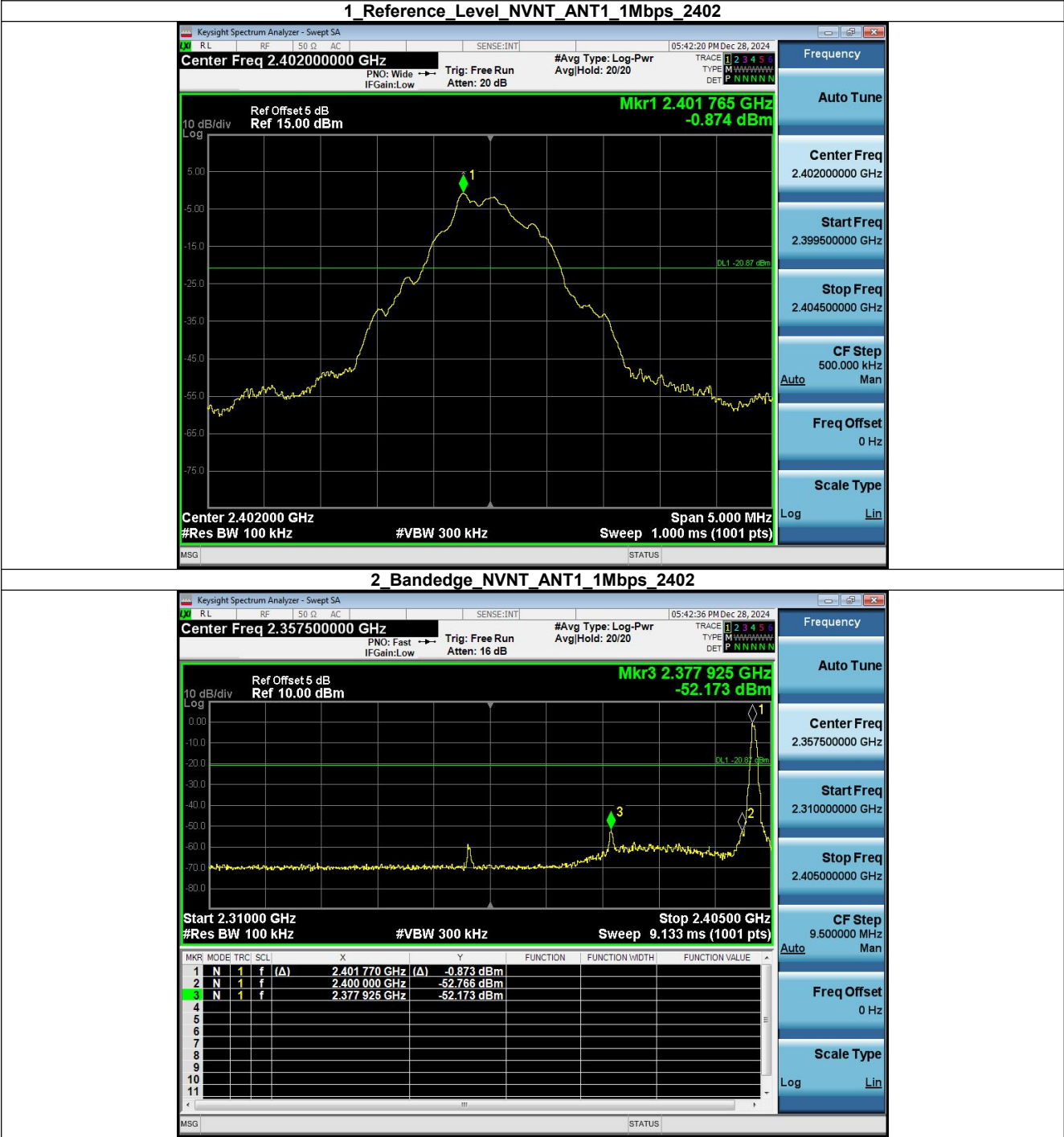


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480

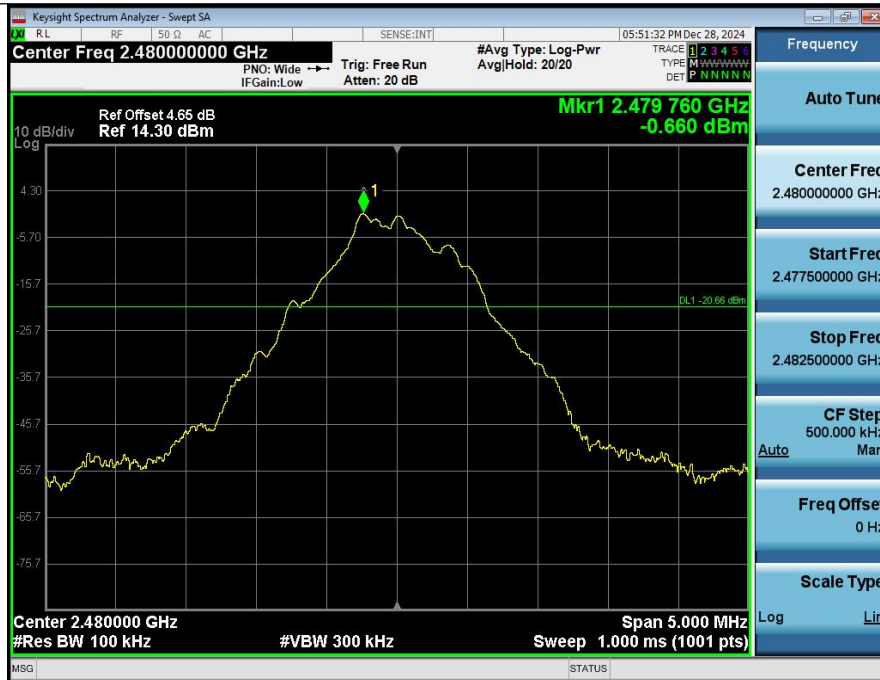


6. Bandedge

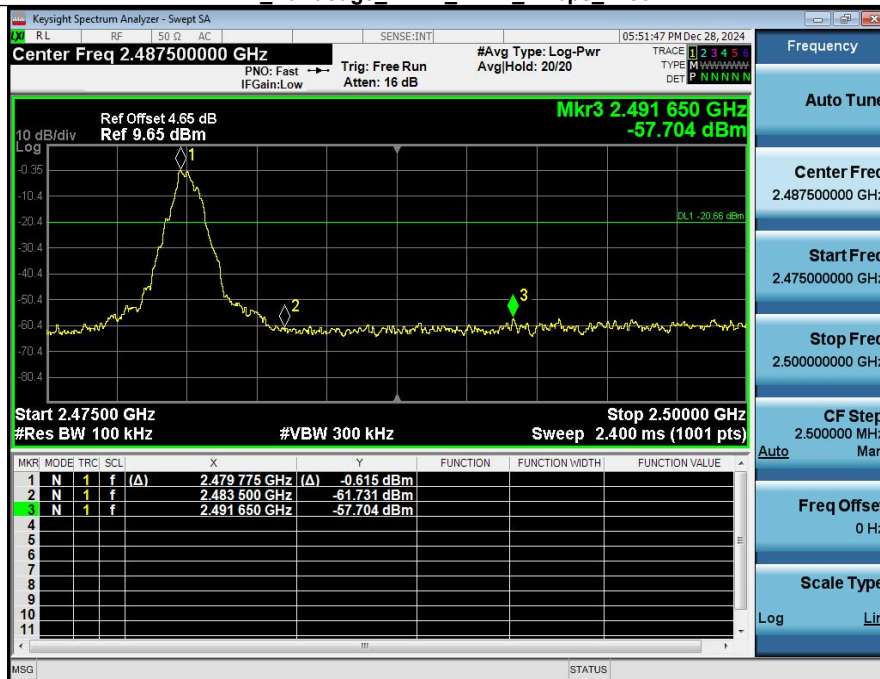
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2377.925	-0.874	-52.173	-20.874	Pass
NVNT	ANT1	1Mbps	2480.00	2491.650	-0.660	-57.704	-20.660	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

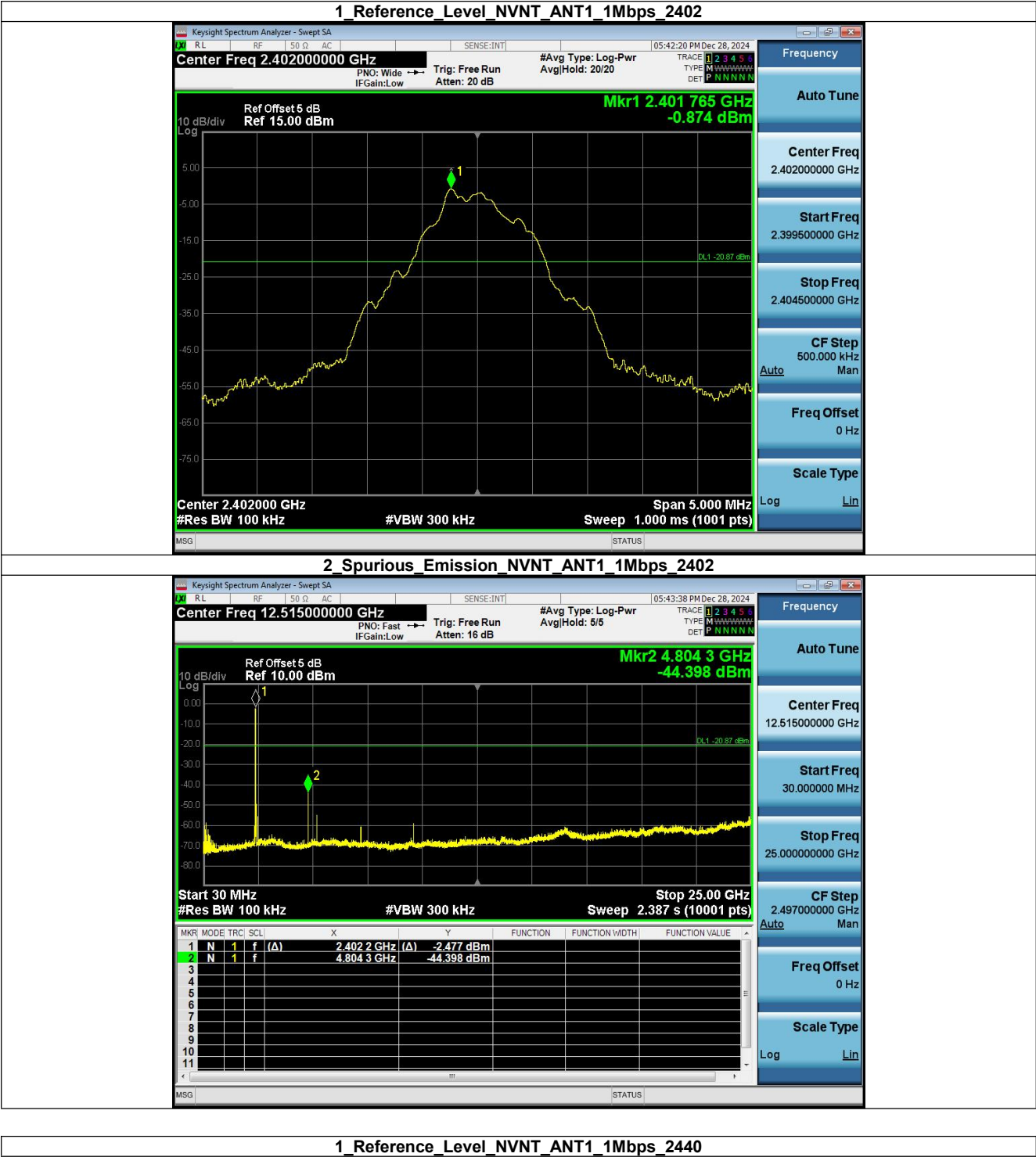


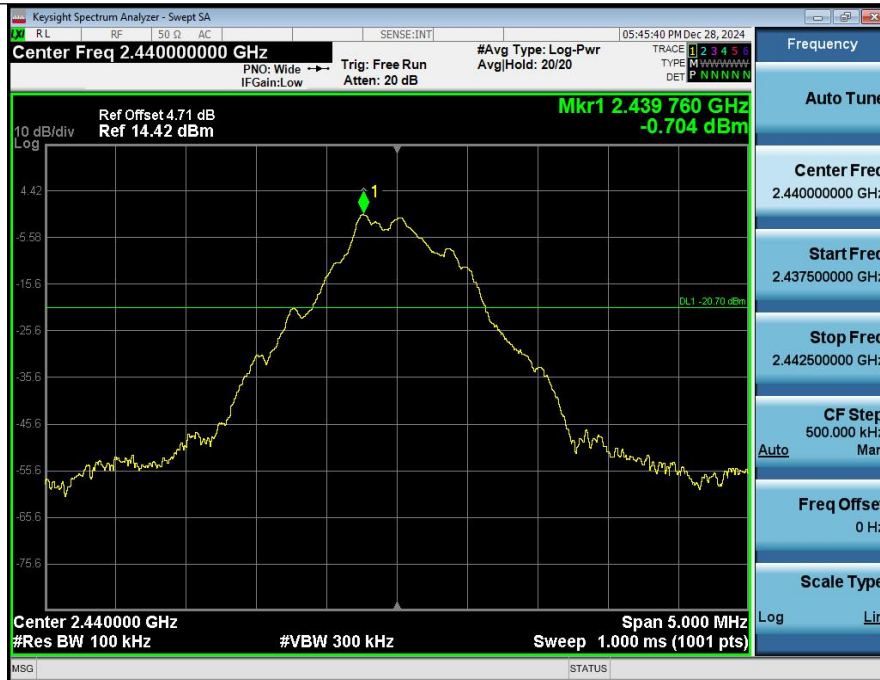
2_Bandedge_NVNT_ANT1_1Mbps_2480



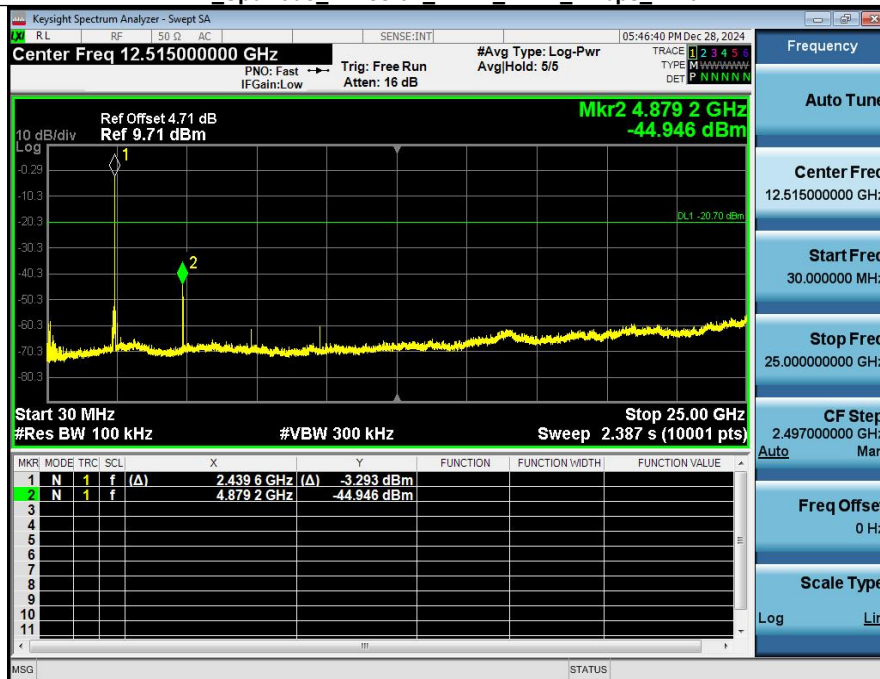
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.874	-44.398	-20.874	Pass
NVNT	ANT1	1Mbps	2440.00	-0.704	-44.946	-20.704	Pass
NVNT	ANT1	1Mbps	2480.00	-0.660	-42.850	-20.660	Pass

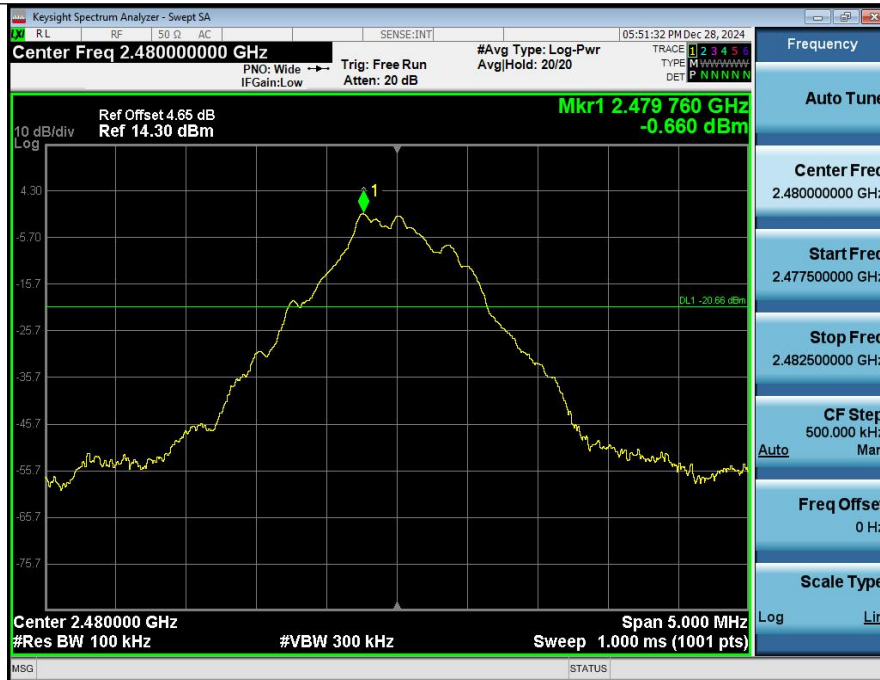




2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

