

Table of Contents

1. -6dB Bandwidth 2

2. 99% Occupied Bandwidth 4

3. Duty Cycle 6

4. Peak Output Power 8

5. Power Spectral Density 10

6. Bandedge 12

7. Spurious Emission 14

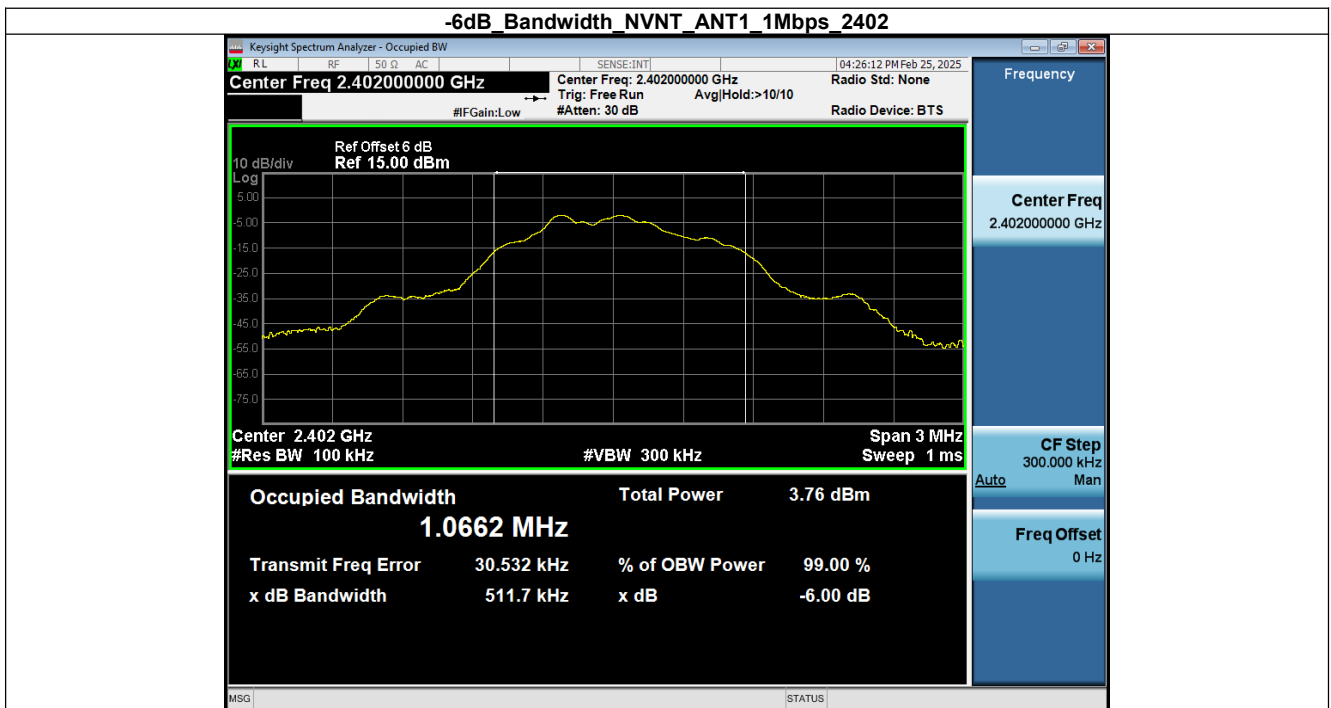
Report No.:NCT25008933XE1-2

FCC ID:2A3FY-DR005

FCC (Part15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	511.70	500	Pass
NVNT	ANT1	1Mbps	2440.00	520.73	500	Pass
NVNT	ANT1	1Mbps	2480.00	516.50	500	Pass



-6dB Bandwidth NVNT_ANT1_1Mbps_2440



-6dB Bandwidth NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.023
NVNT	ANT1	1Mbps	2440.00	1.028
NVNT	ANT1	1Mbps	2480.00	1.035

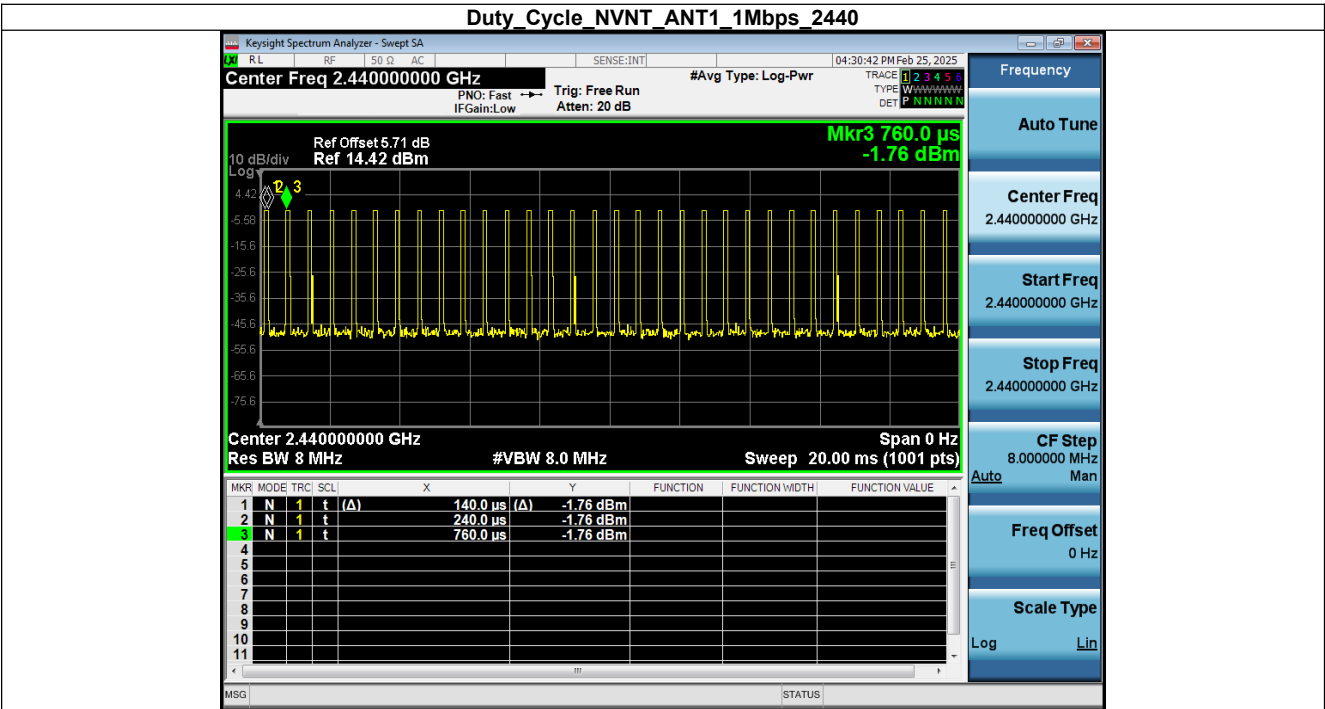
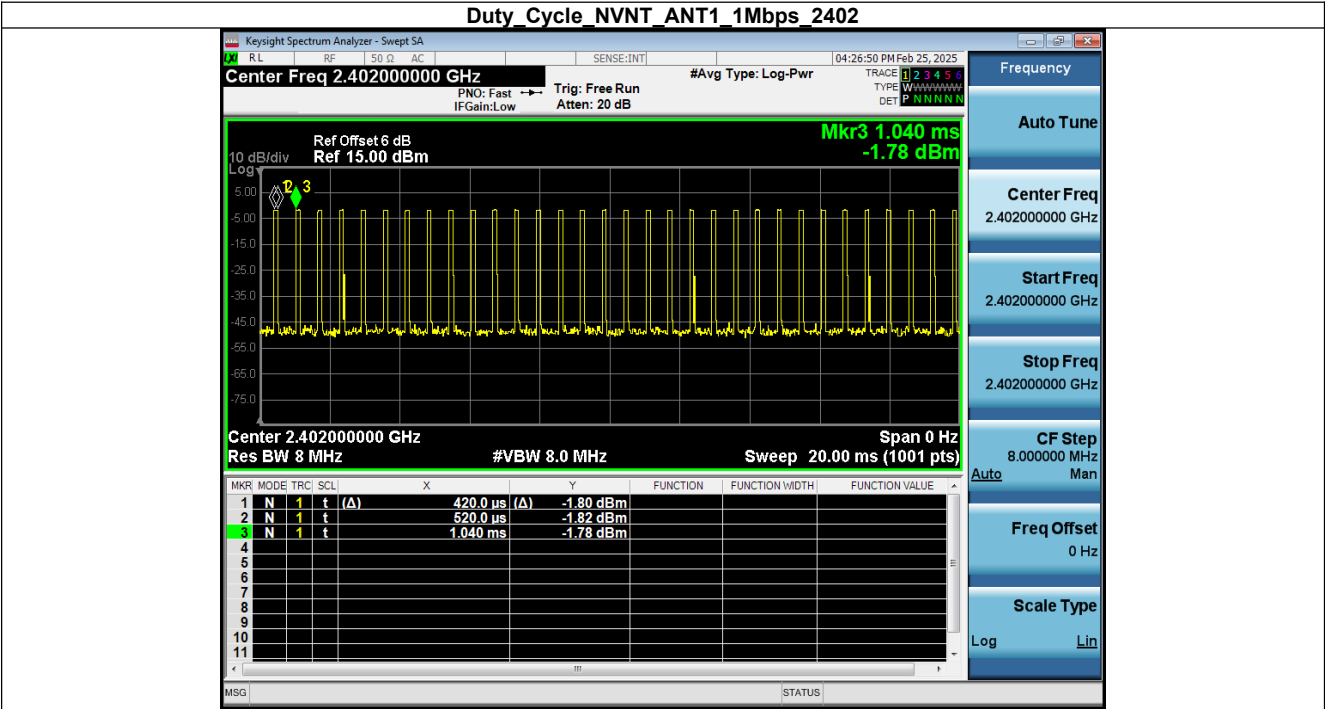


99%_Occupied_Bandwidth_NVNT_ANT1_1Mbps_2480

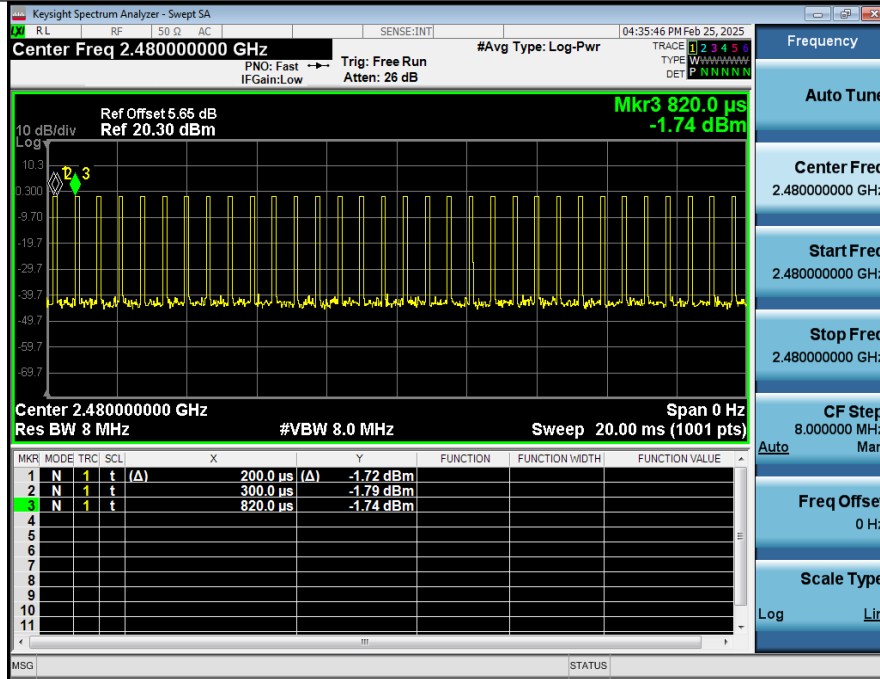


3. Duty Cycle

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	16.13	7.92

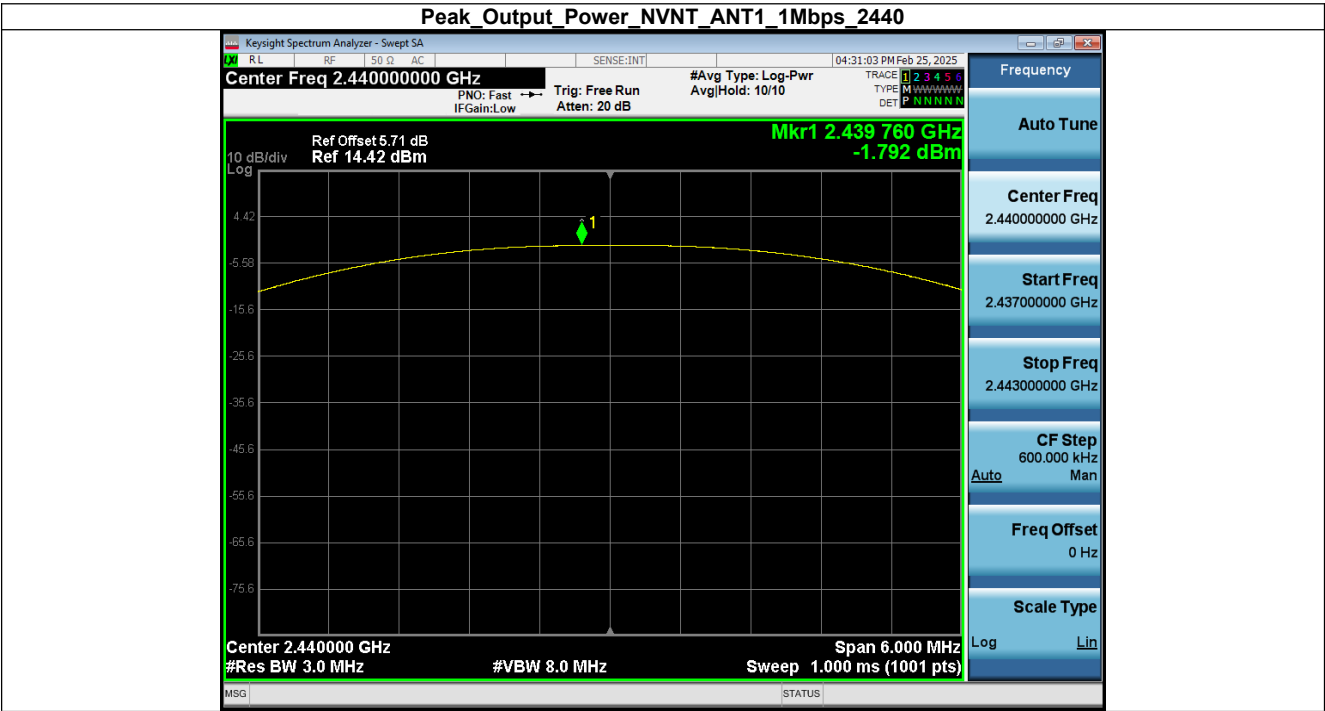
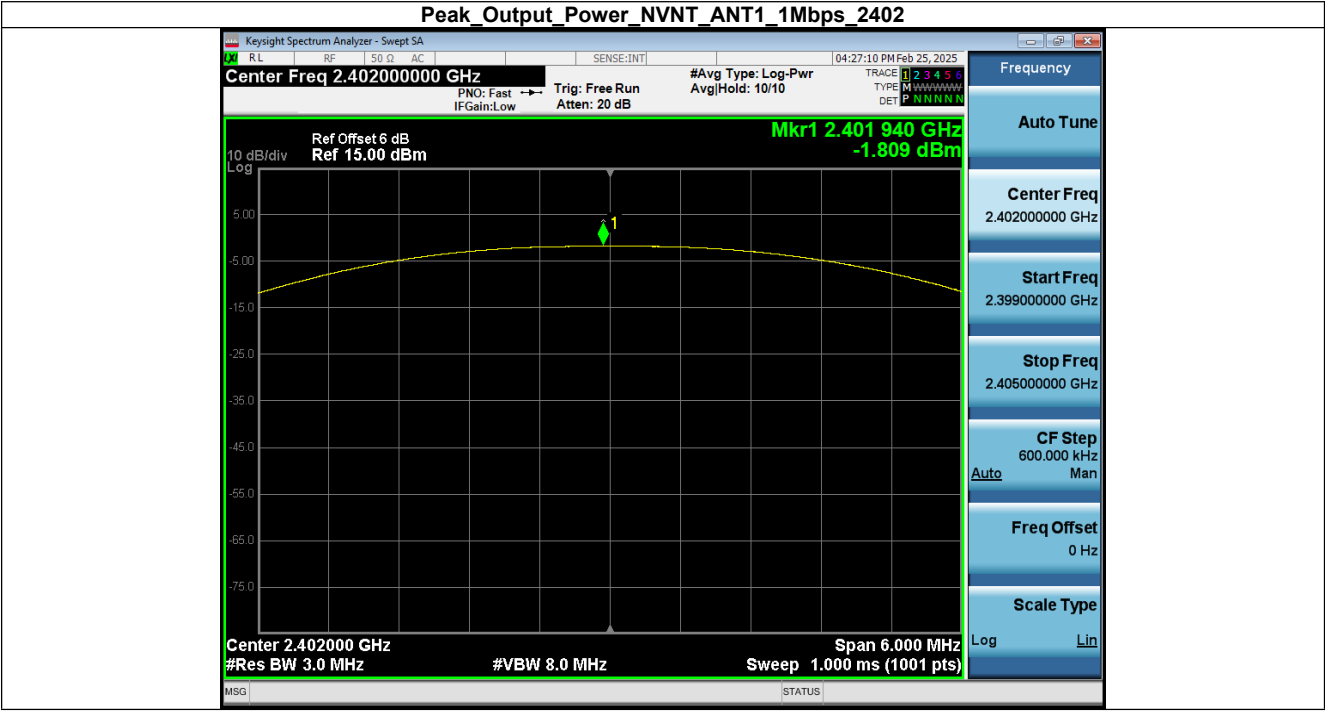


Duty Cycle_NVNT_ANT1_1Mbps_2480



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	-1.81	0.66	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.79	0.66	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.77	0.67	1000	Pass

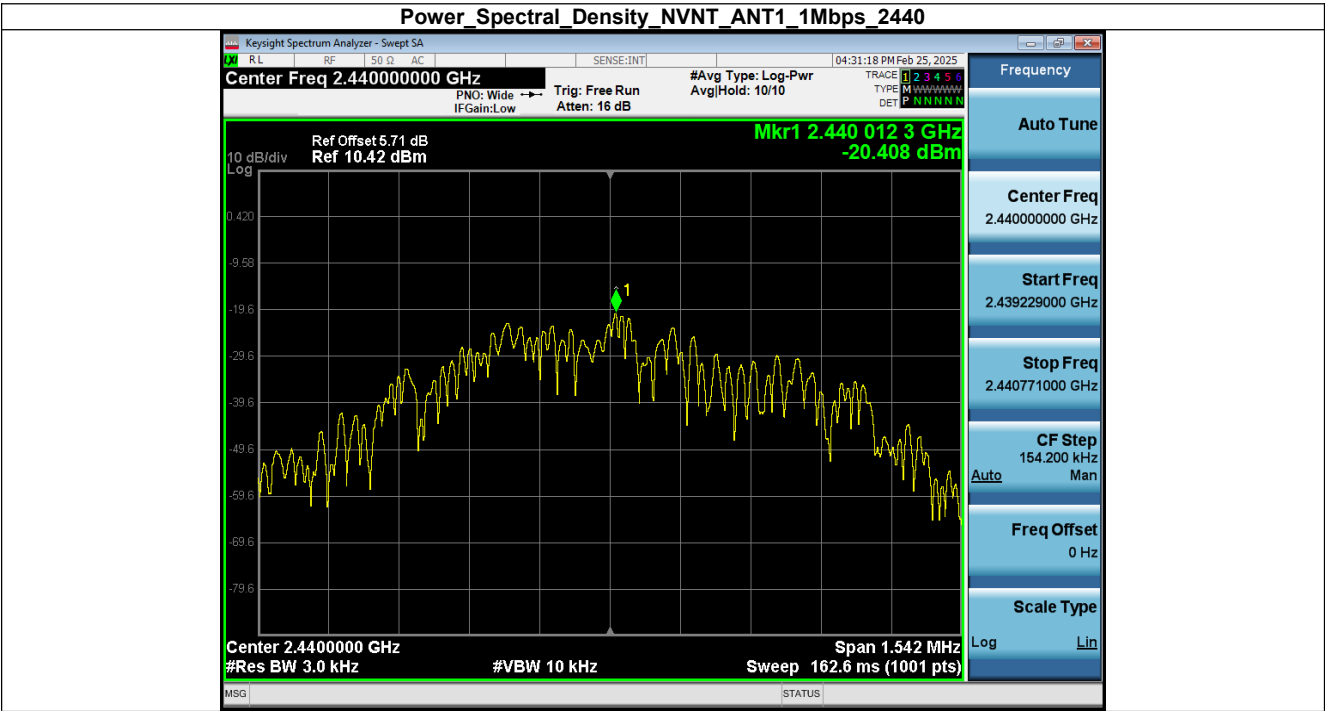
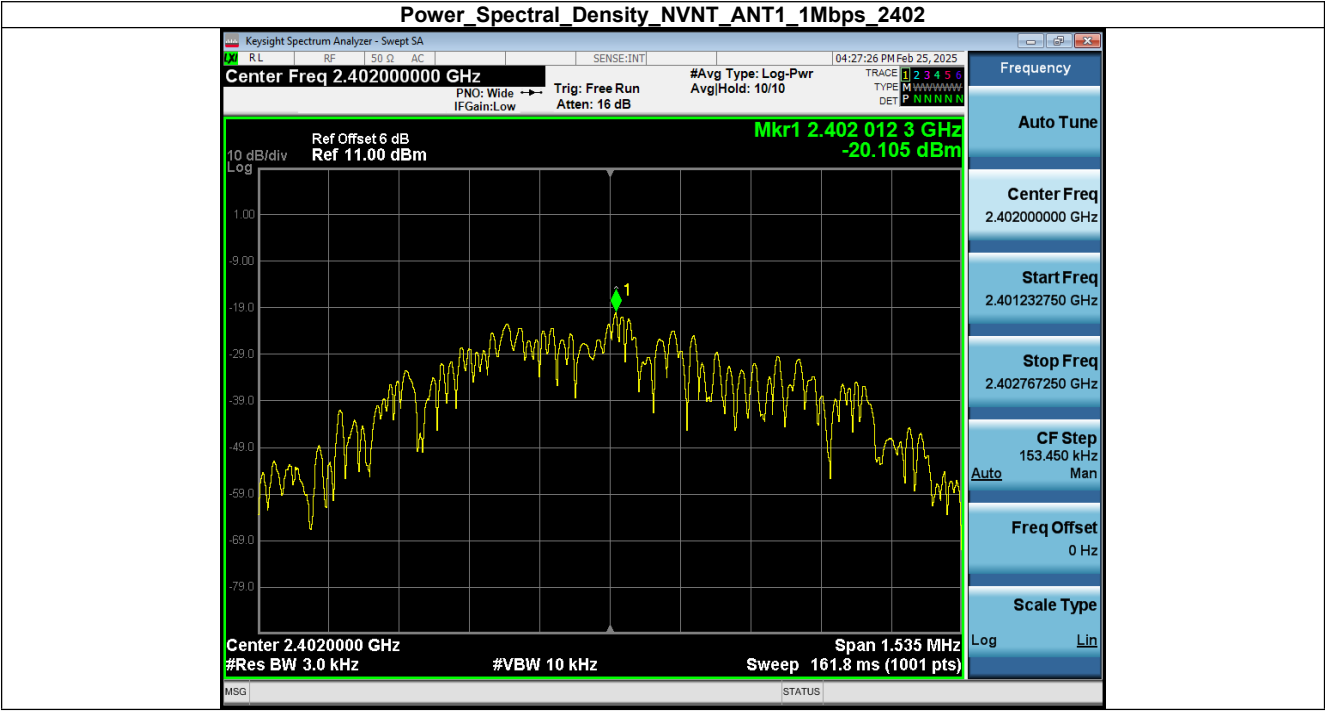


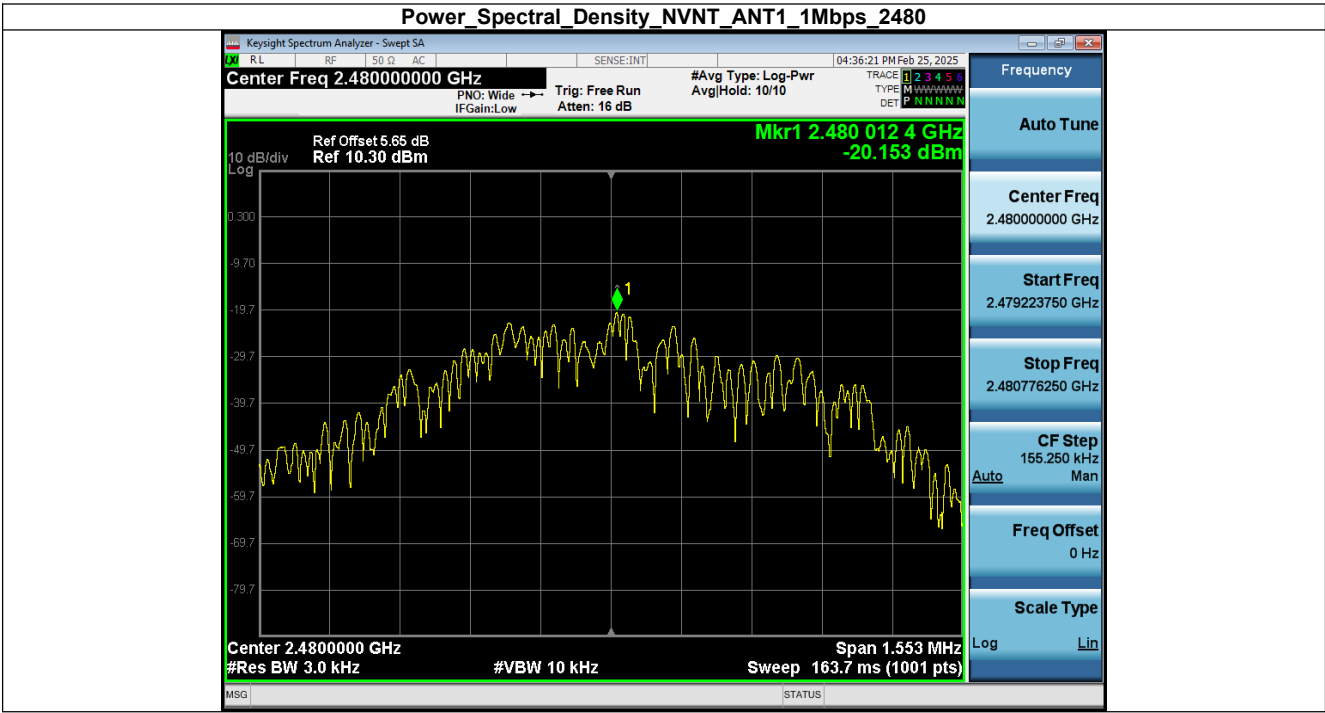
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



5. Power Spectral Density

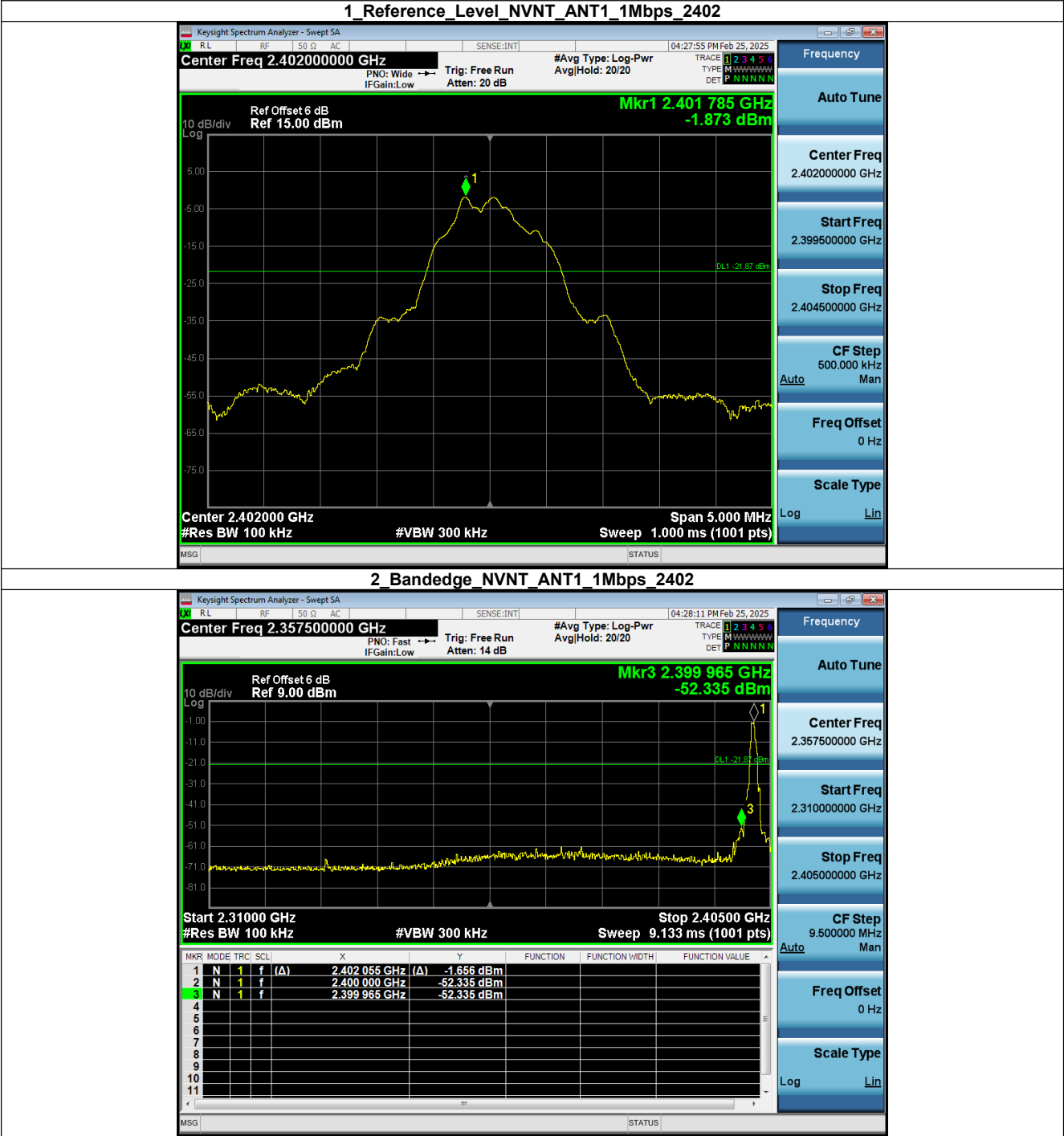
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-20.11	8	Pass
NVNT	ANT1	1Mbps	2440.00	-20.41	8	Pass
NVNT	ANT1	1Mbps	2480.00	-20.15	8	Pass





6. Bandedge

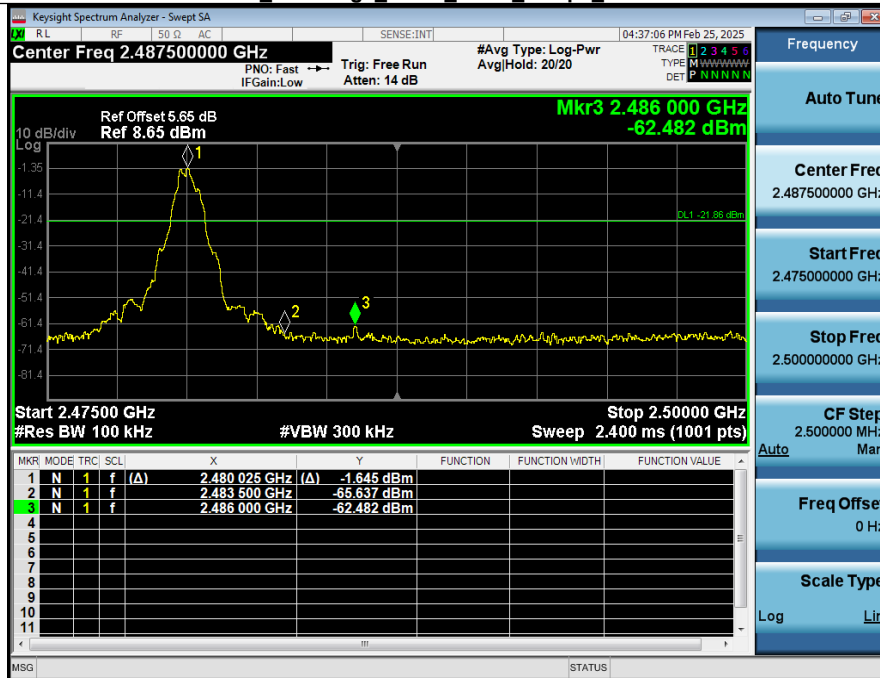
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-1.873	-52.335	-21.873	Pass
NVNT	ANT1	1Mbps	2480.00	2486.000	-1.864	-62.482	-21.864	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2480

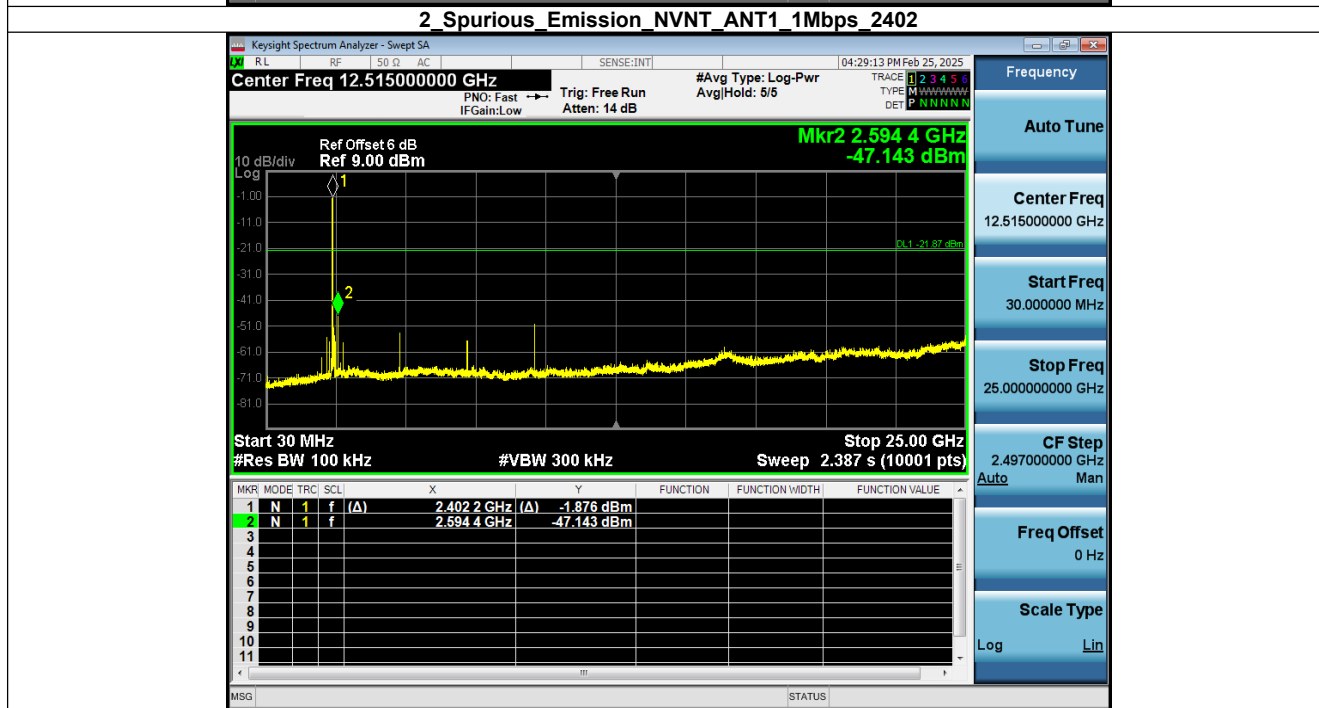
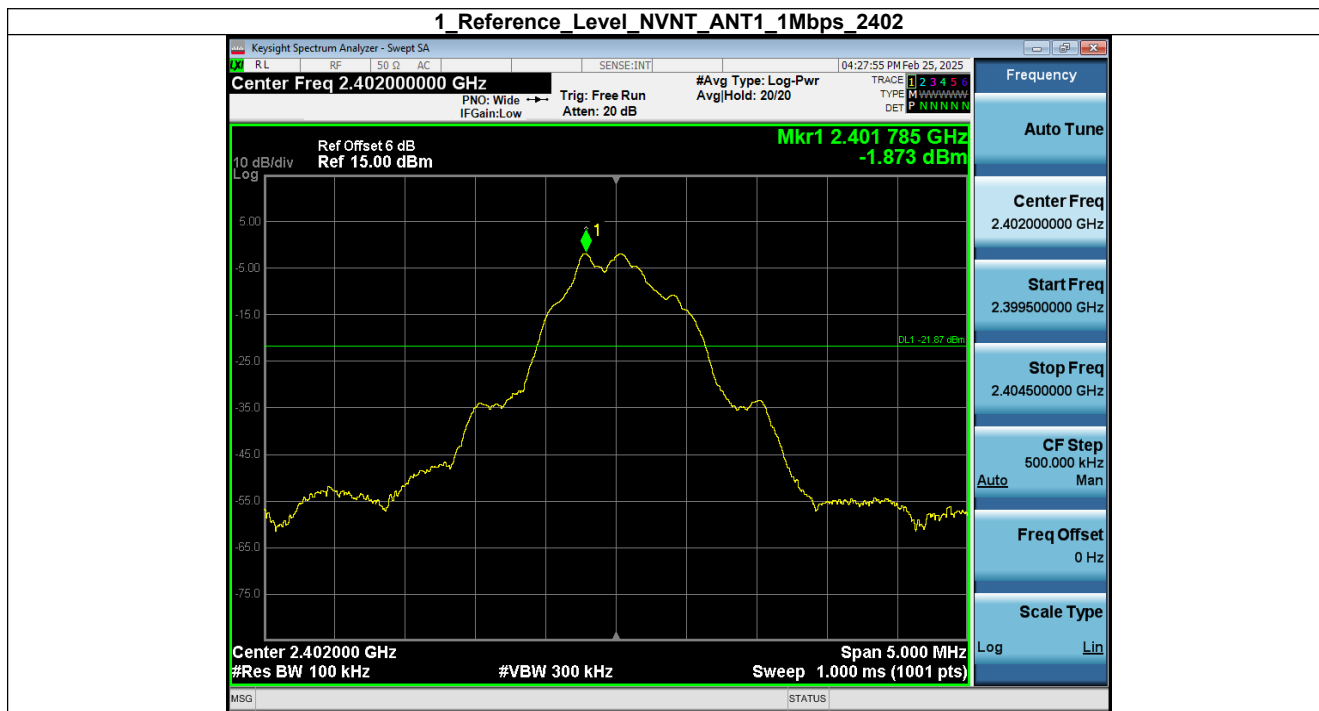


2 Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

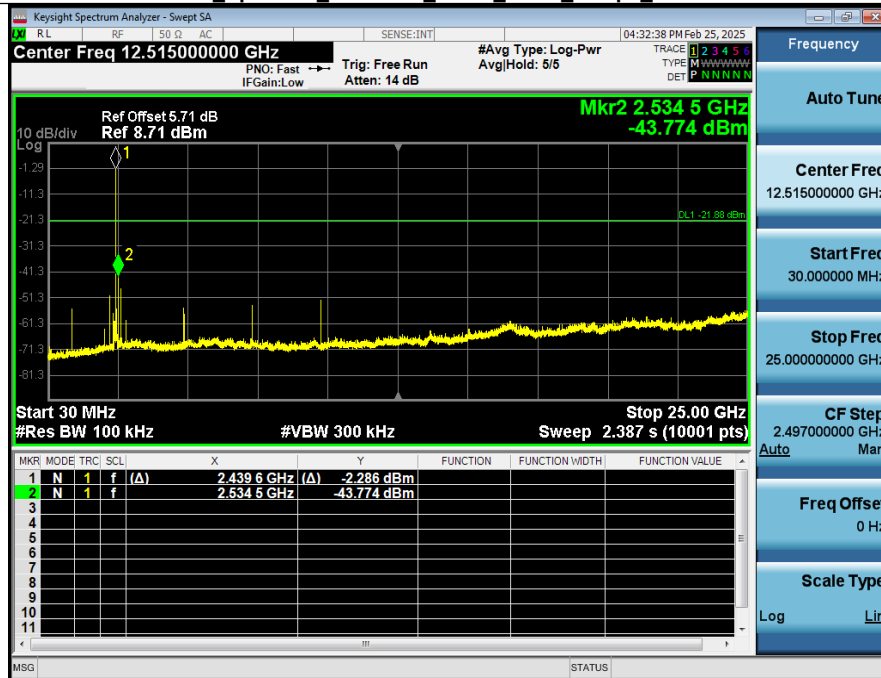
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-1.873	-47.143	-21.873	Pass
NVNT	ANT1	1Mbps	2440.00	-1.877	-43.774	-21.877	Pass
NVNT	ANT1	1Mbps	2480.00	-1.864	-47.340	-21.864	Pass



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

