

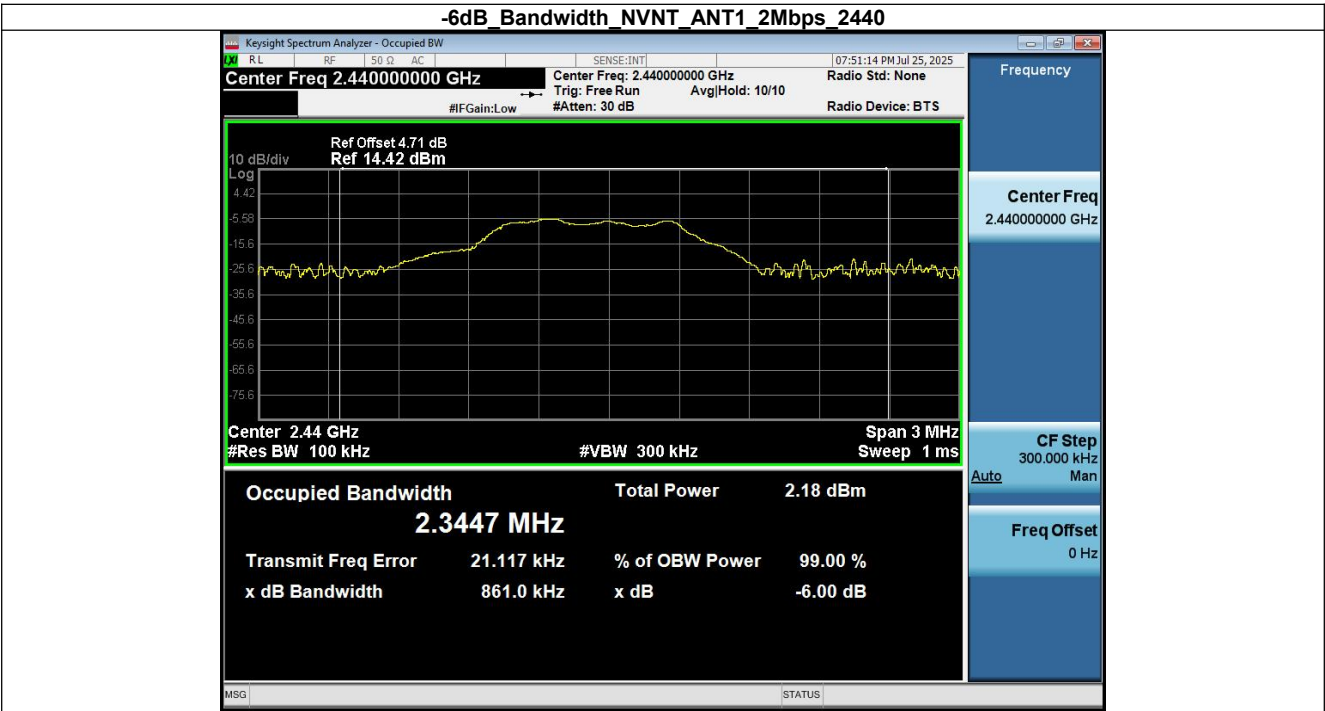
Report No.: NCT25030664XE1-1
FCC ID:2BBPLOGFOLDKEY2
FCC_BLE (Part15.247) Test Data

Table of Contents

1. -6dB Bandwidth	3
2. 99% Occupied Bandwidth	5
3. Duty Cycle	7
4. Peak Output Power	9
5. Power Spectral Density	11
6. Bandedge	13
7. Spurious Emission	15

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	2Mbps	2402.00	873.55	500	Pass
NVNT	ANT1	2Mbps	2440.00	860.97	500	Pass
NVNT	ANT1	2Mbps	2480.00	809.30	500	Pass

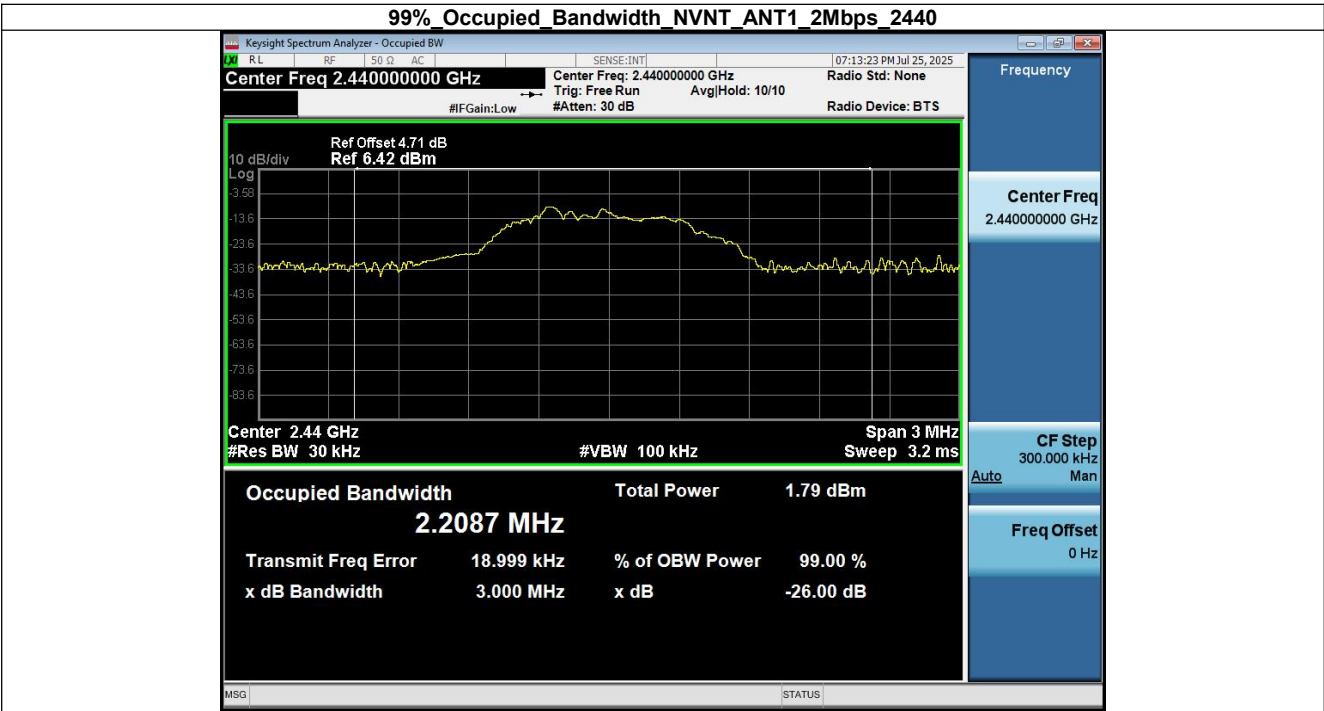


-6dB_Bandwidth_NVNT_ANT1_2Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	2Mbps	2402.00	1.223
NVNT	ANT1	2Mbps	2440.00	2.209
NVNT	ANT1	2Mbps	2480.00	1.091

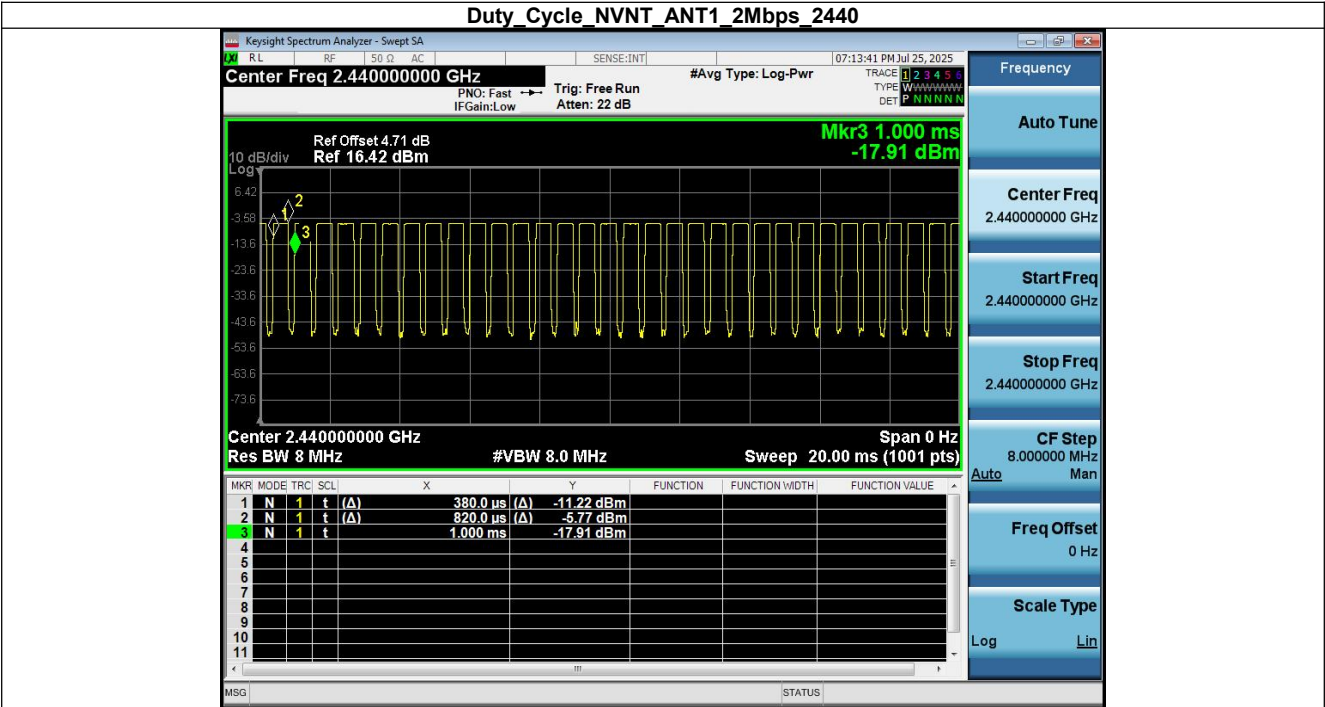
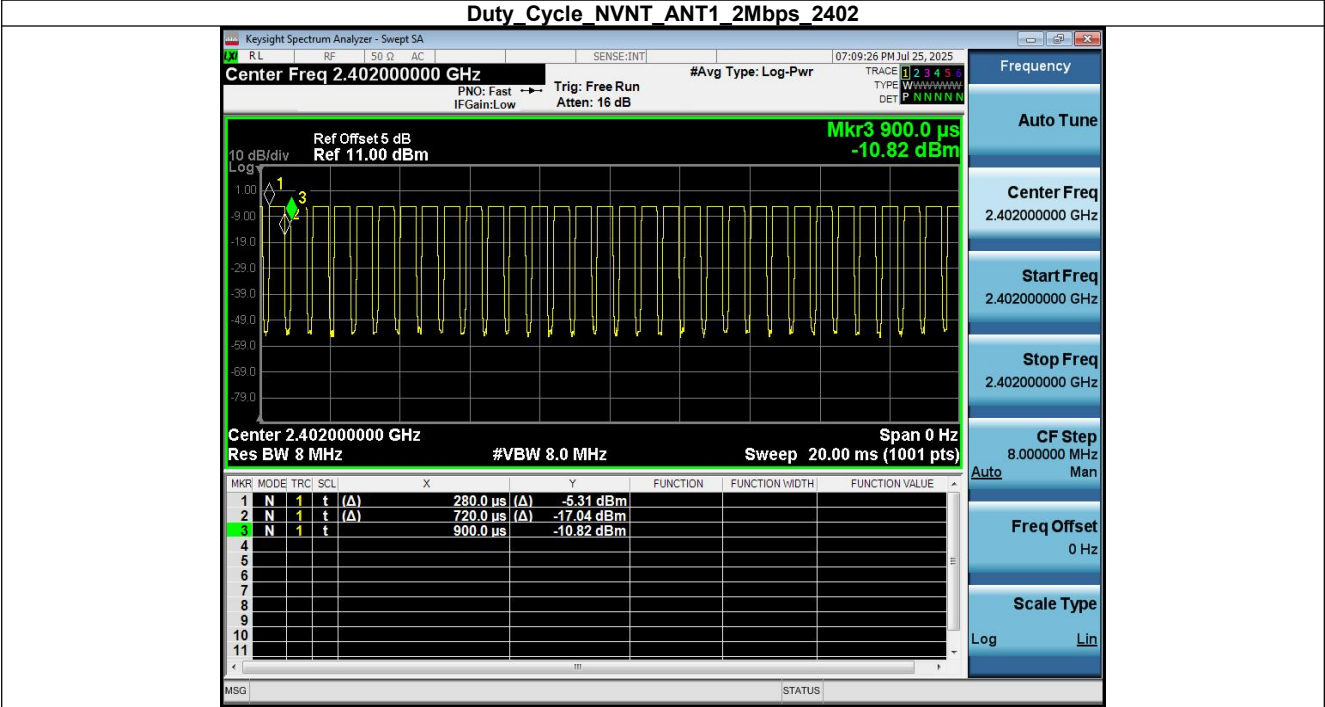


99%_Occupied_Bandwidth_NVNT_ANT1_2Mbps_2480

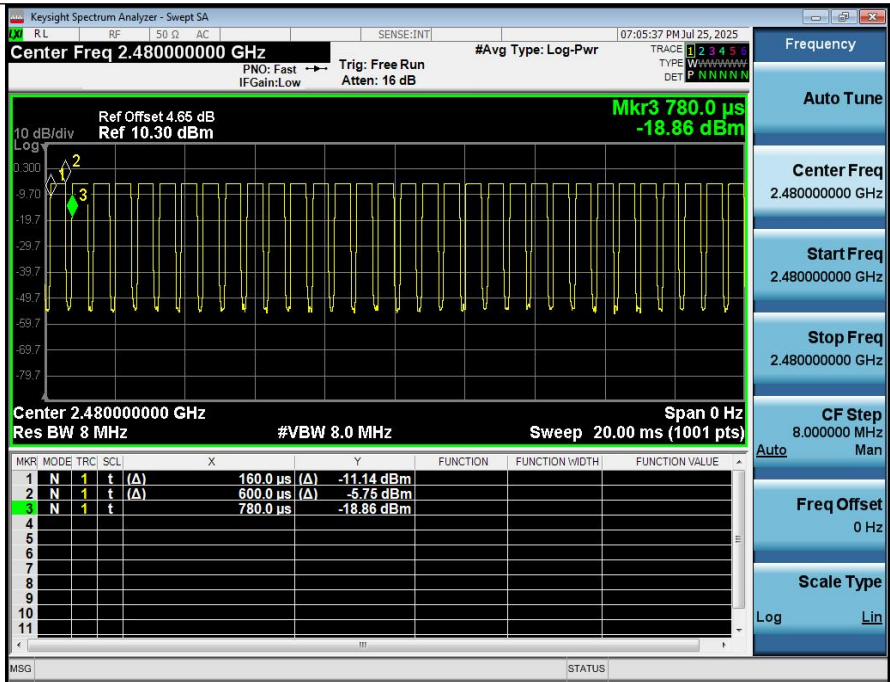


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	2Mbps	2402.00	74.19	1.30
NVNT	ANT1	2Mbps	2440.00	74.19	1.30
NVNT	ANT1	2Mbps	2480.00	70.97	1.49

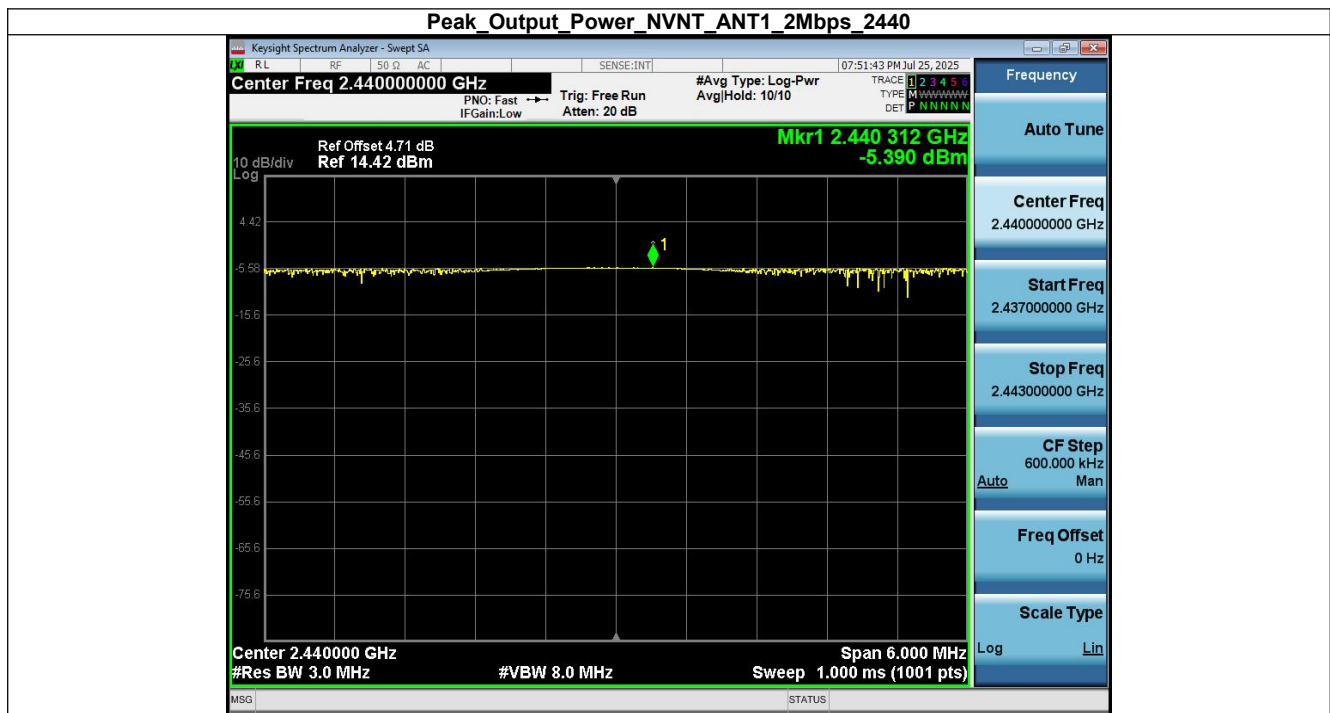
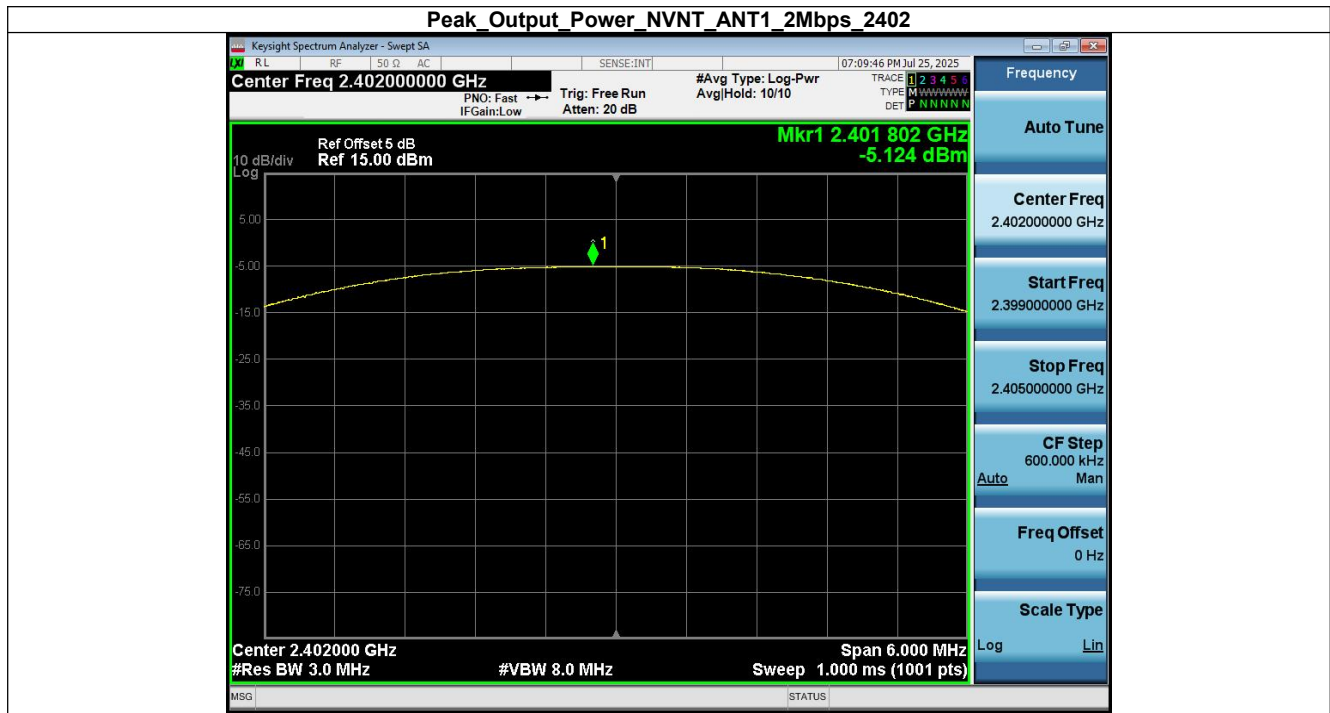


Duty Cycle_NVNT_ANT1_2Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	2Mbps	2402.00	-5.12	0.31	1000	Pass
NVNT	ANT1	2Mbps	2440.00	-5.39	0.29	1000	Pass
NVNT	ANT1	2Mbps	2480.00	-5.52	0.28	1000	Pass

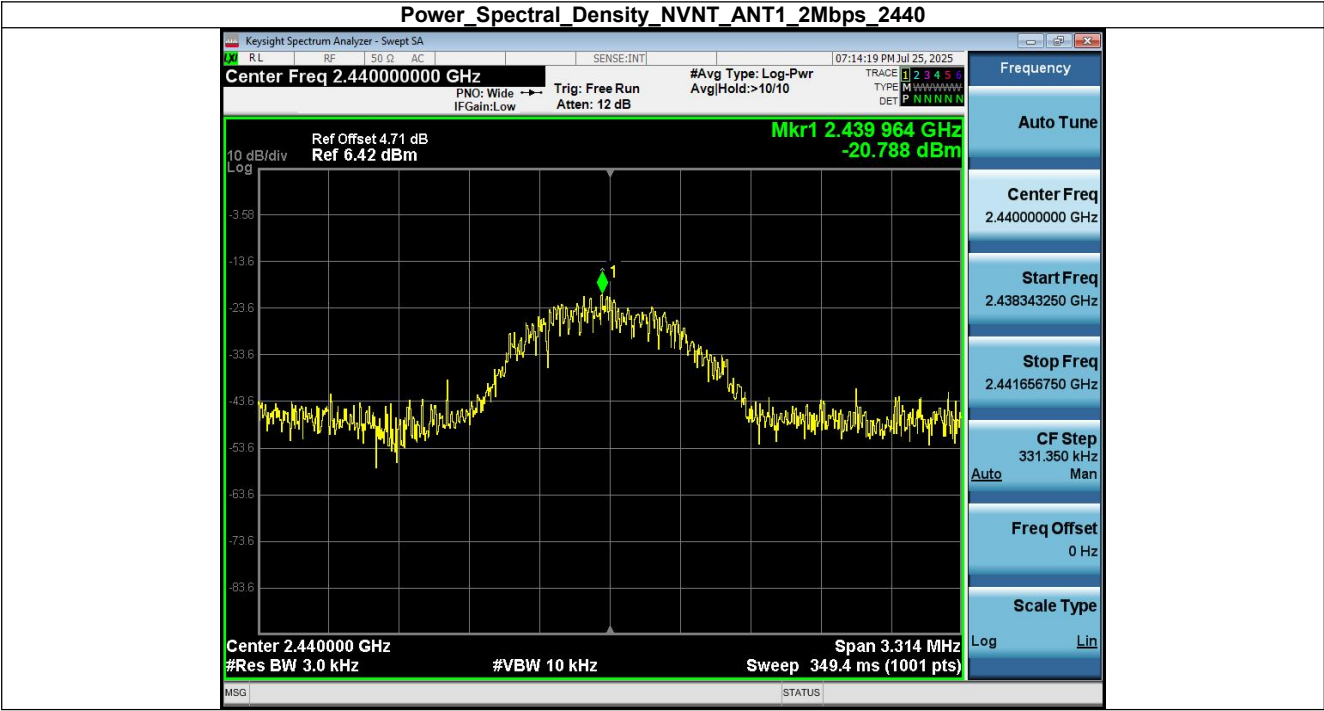
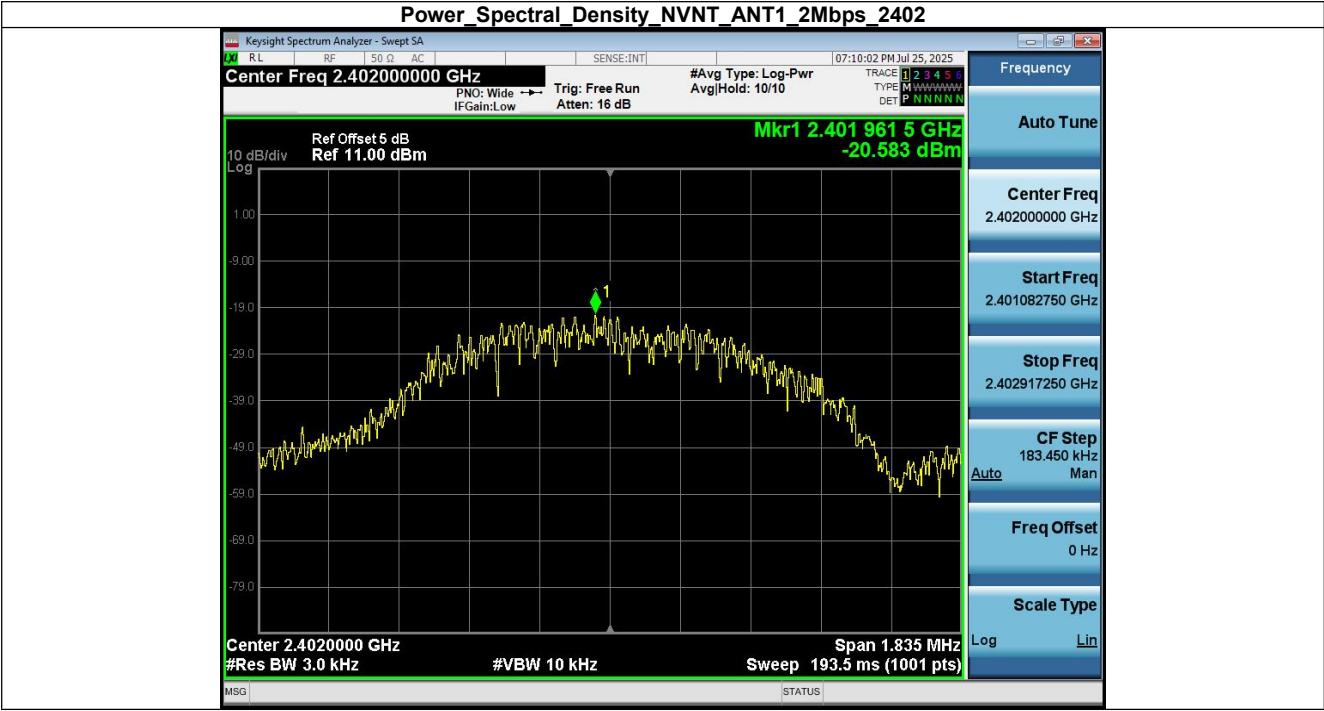


Peak_Output_Power_NVNT_ANT1_2Mbps_2480

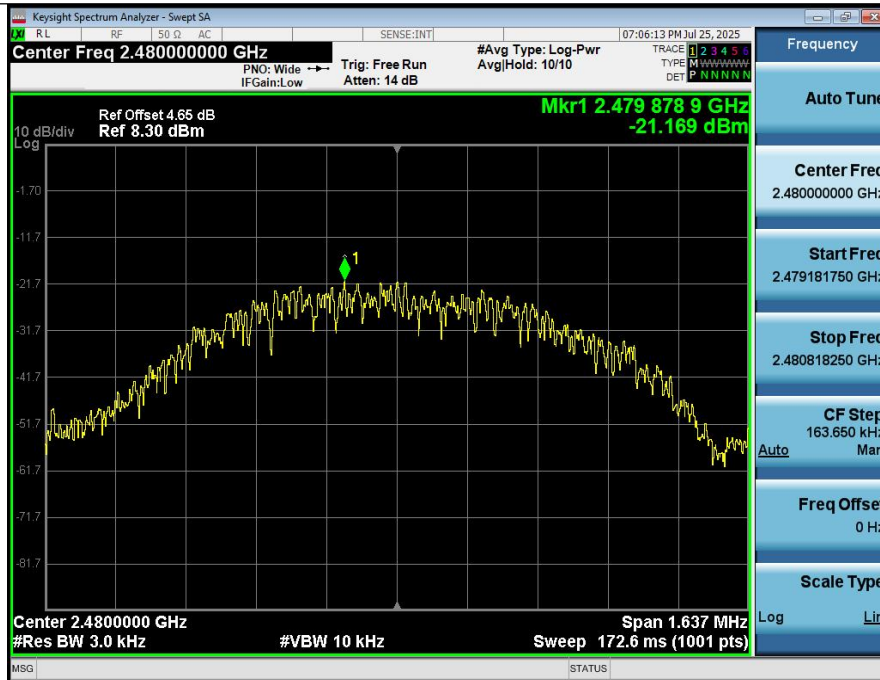


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	2Mbps	2402.00	-20.58	8	Pass
NVNT	ANT1	2Mbps	2440.00	-20.79	8	Pass
NVNT	ANT1	2Mbps	2480.00	-21.17	8	Pass

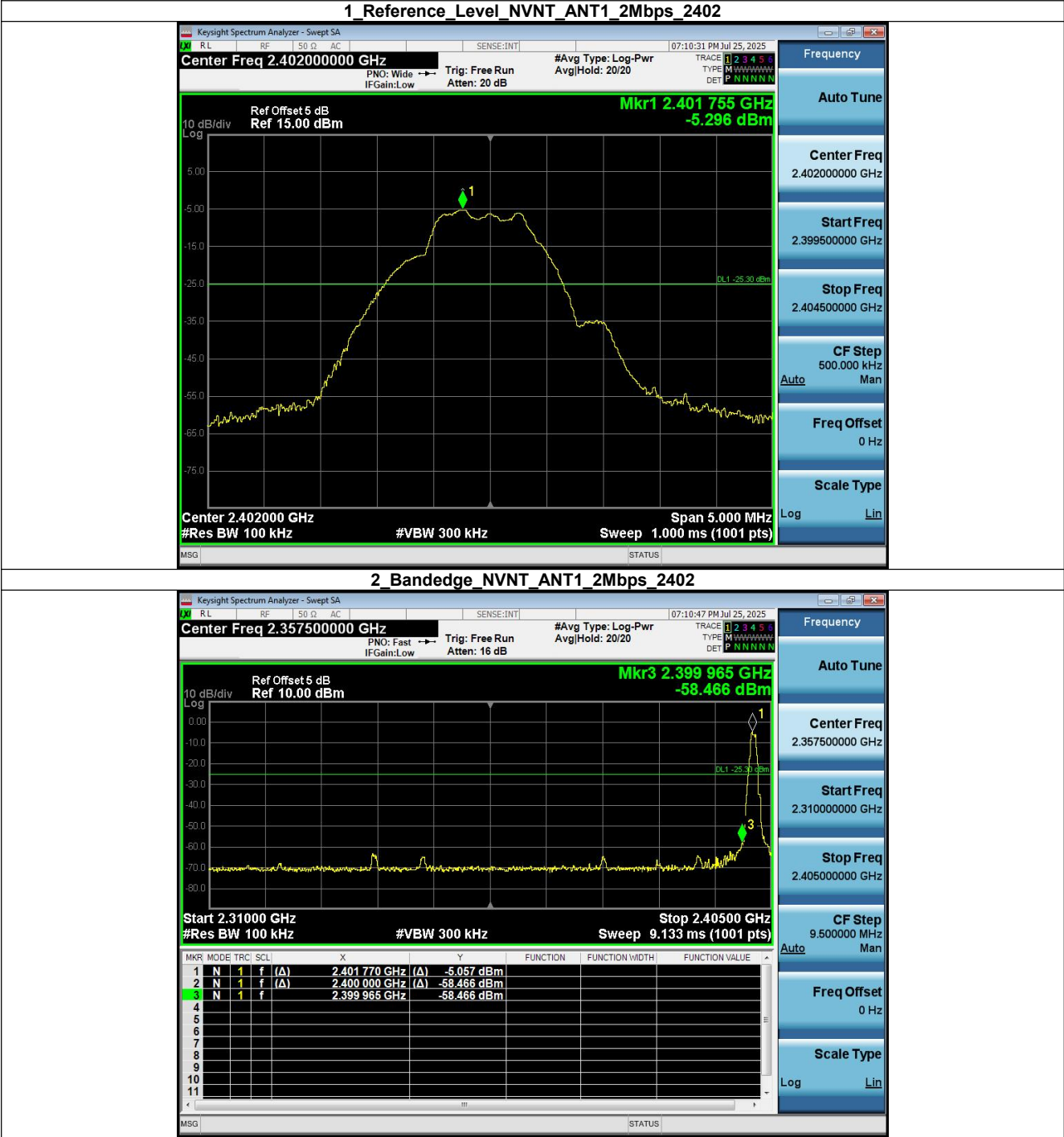


Power_Spectral_Density_NVNT_ANT1_2Mbps_2480

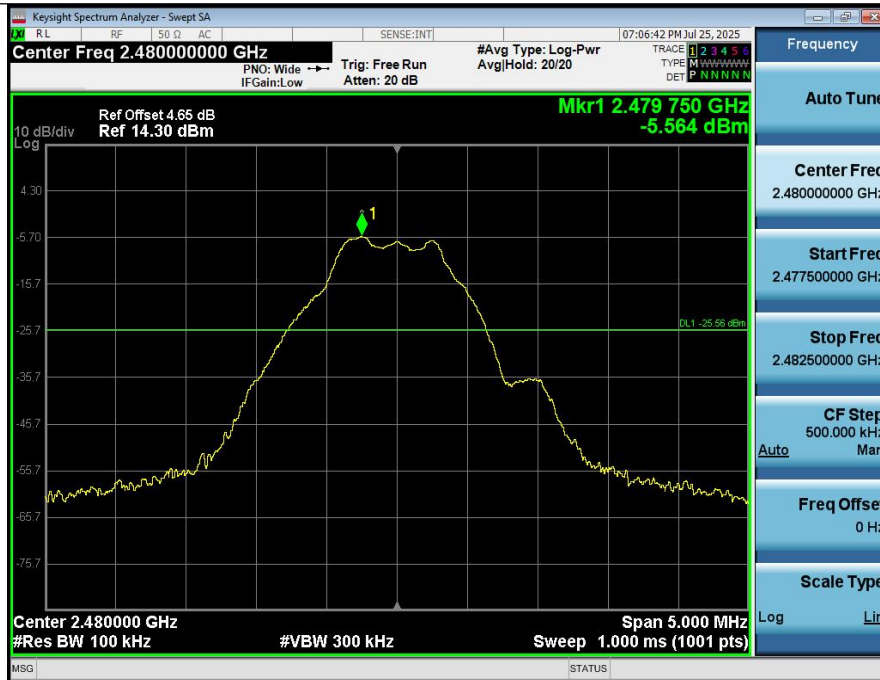


6. Bandedge

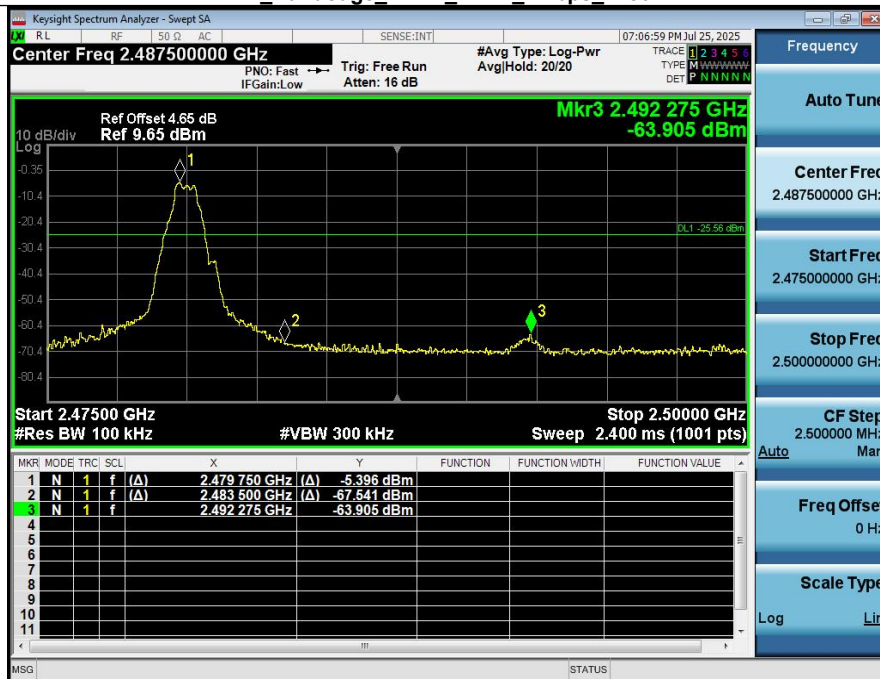
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2Mbps	2402.00	2399.965	-5.296	-58.466	-25.296	Pass
NVNT	ANT1	2Mbps	2480.00	2492.275	-5.564	-63.905	-25.564	Pass



1_Reference_Level_NVNT_ANT1_2Mbps_2480

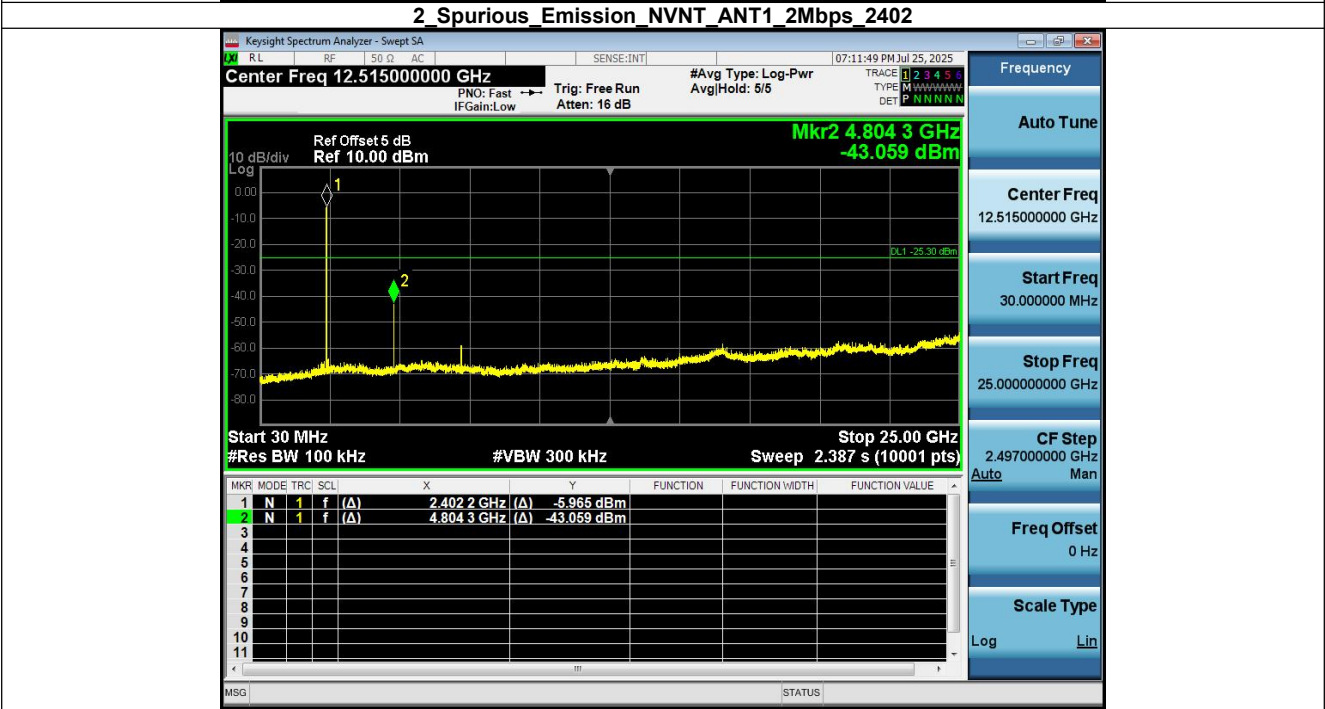


2_Bandedge_NVNT_ANT1_2Mbps_2480



7. Spurious Emission

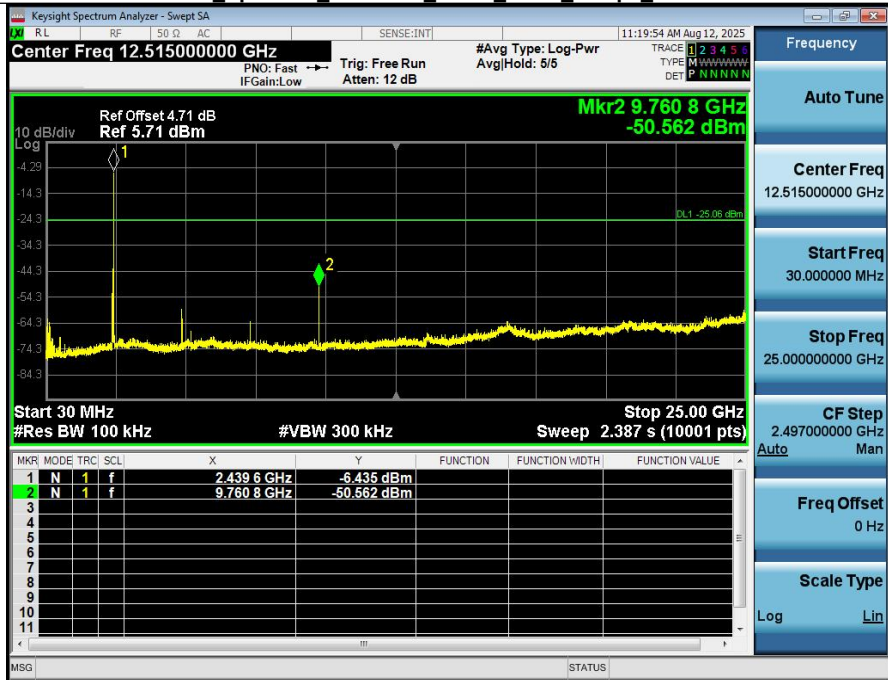
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	2Mbps	2402.00	-5.296	-43.059	-25.296	Pass
NVNT	ANT1	2Mbps	2440.00	-5.057	-50.562	-25.057	Pass
NVNT	ANT1	2Mbps	2480.00	-5.564	-40.639	-25.564	Pass



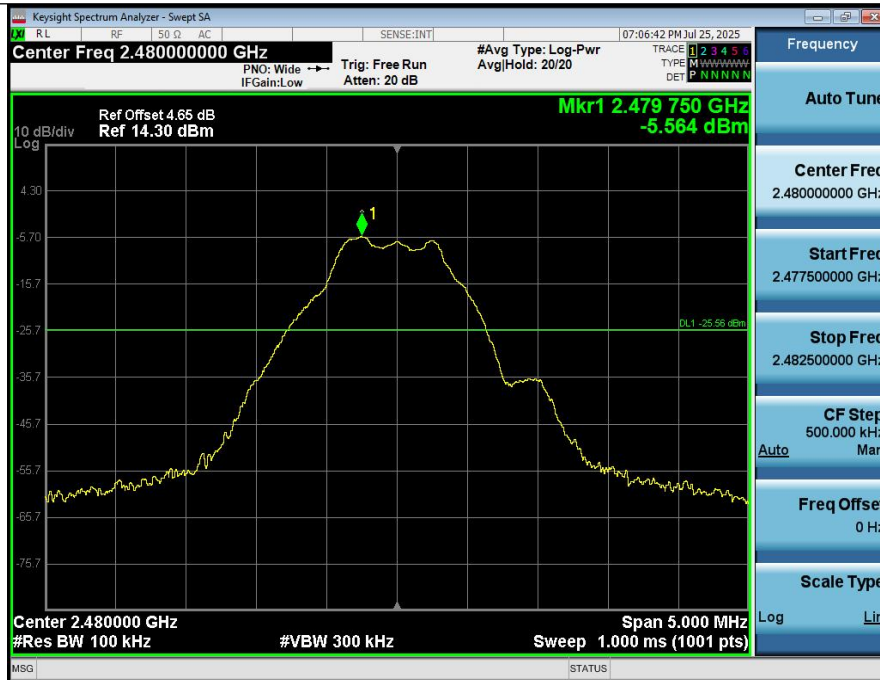
1_Reference_Level_NVNT_ANT1_2Mbps_2440



2_Spurious_Emission_NVNT_ANT1_2Mbps_2440



1_Reference_Level_NVNT_ANT1_2Mbps_2480



2_Spurious_Emission_NVNT_ANT1_2Mbps_2480

