

Report No. : MAX250703110P01-R01

FCC ID:2BFZP-M27

FCC ID BLE

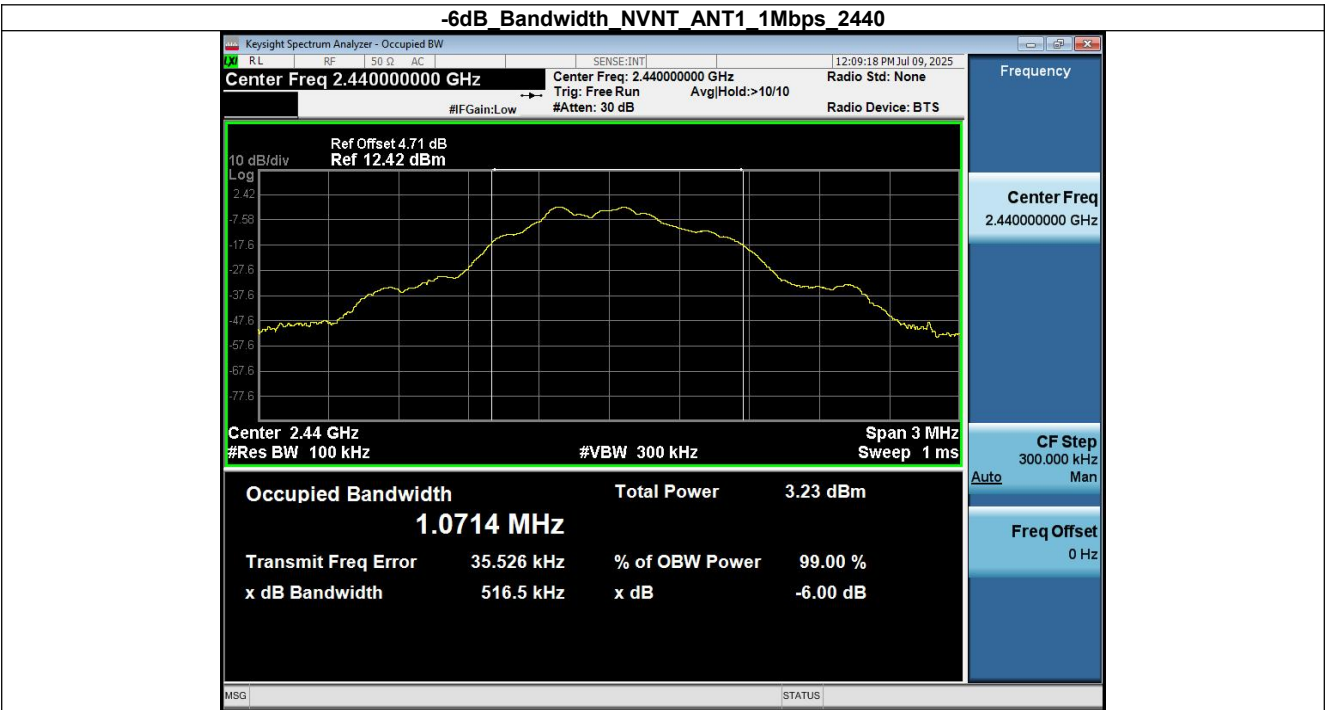
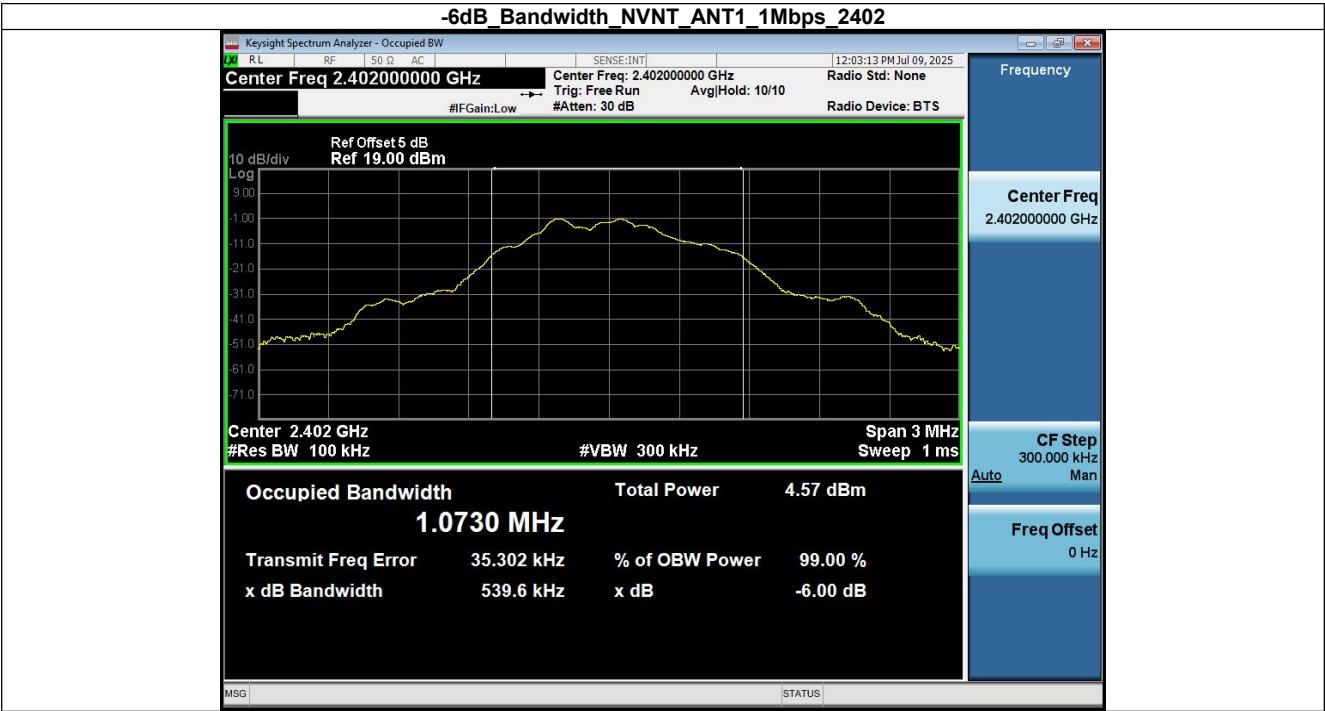
FCC_BLE (Part15.247) Test Data

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1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	539.55	500	Pass
NVNT	ANT1	1Mbps	2440.00	516.49	500	Pass
NVNT	ANT1	1Mbps	2480.00	517.69	500	Pass





2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.029
NVNT	ANT1	1Mbps	2440.00	1.030
NVNT	ANT1	1Mbps	2480.00	1.025

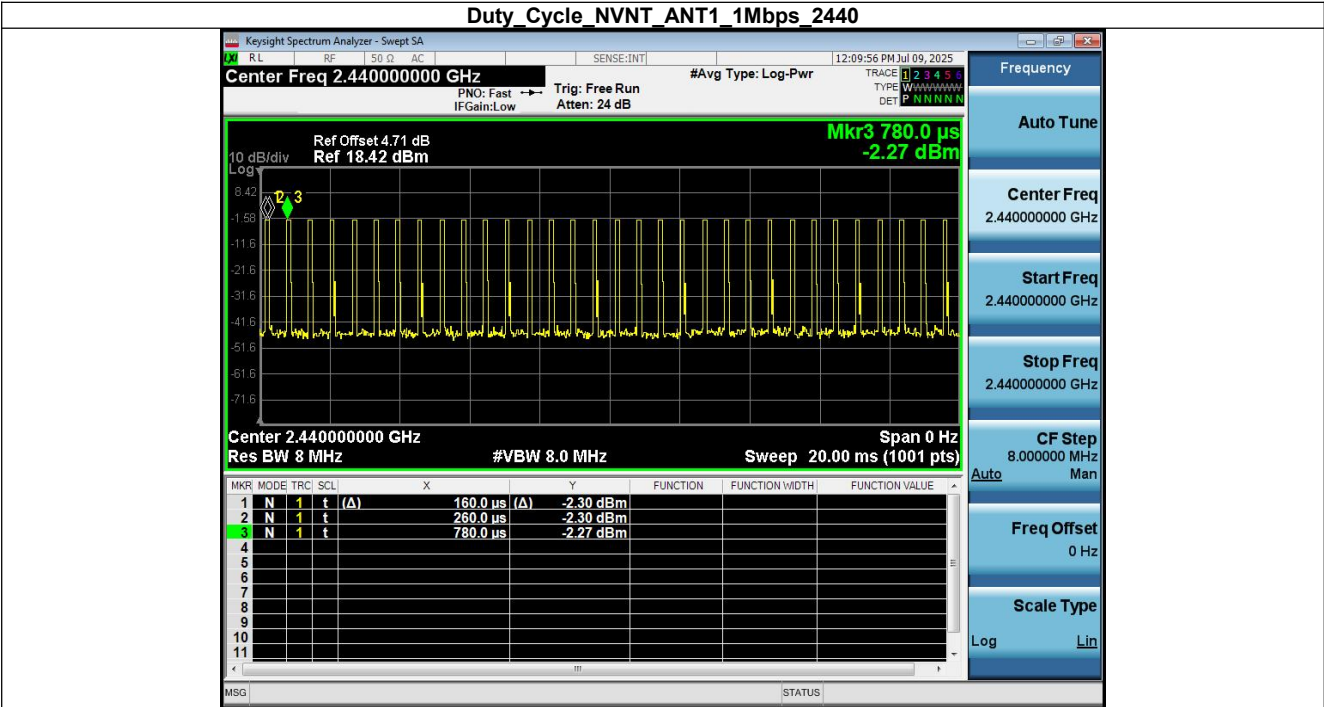
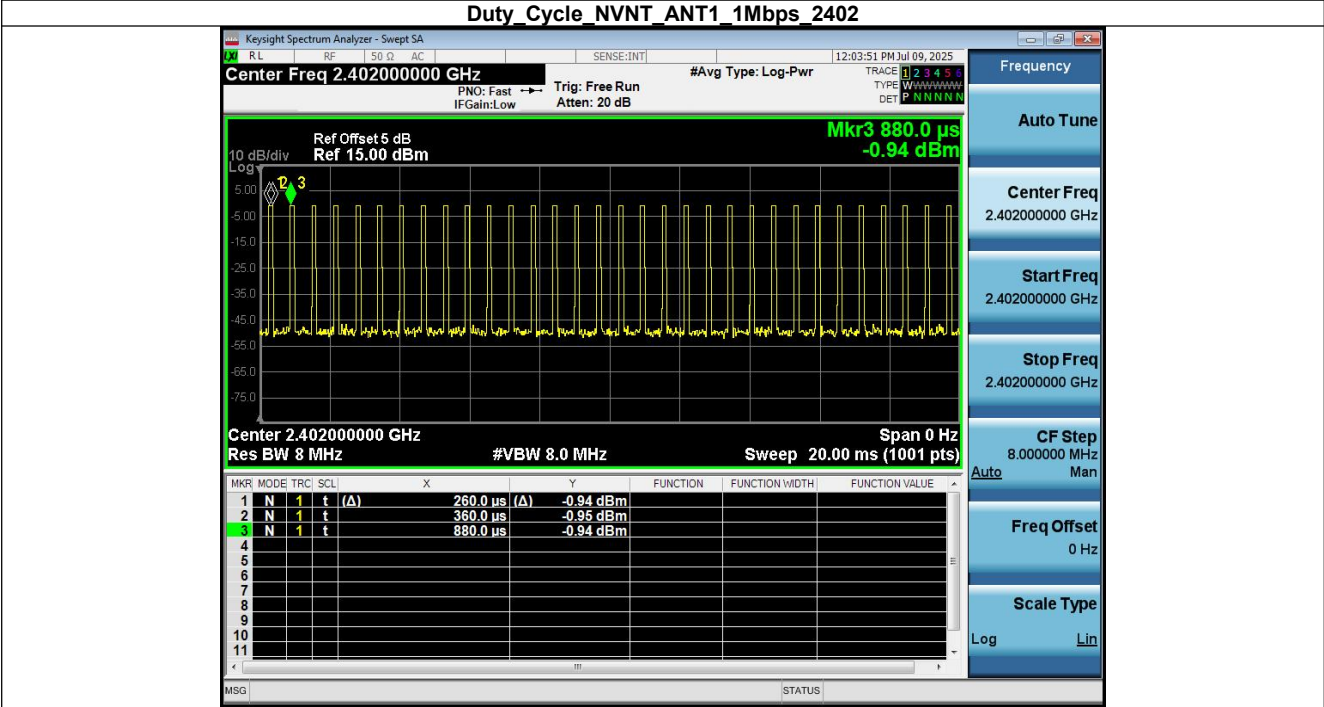


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

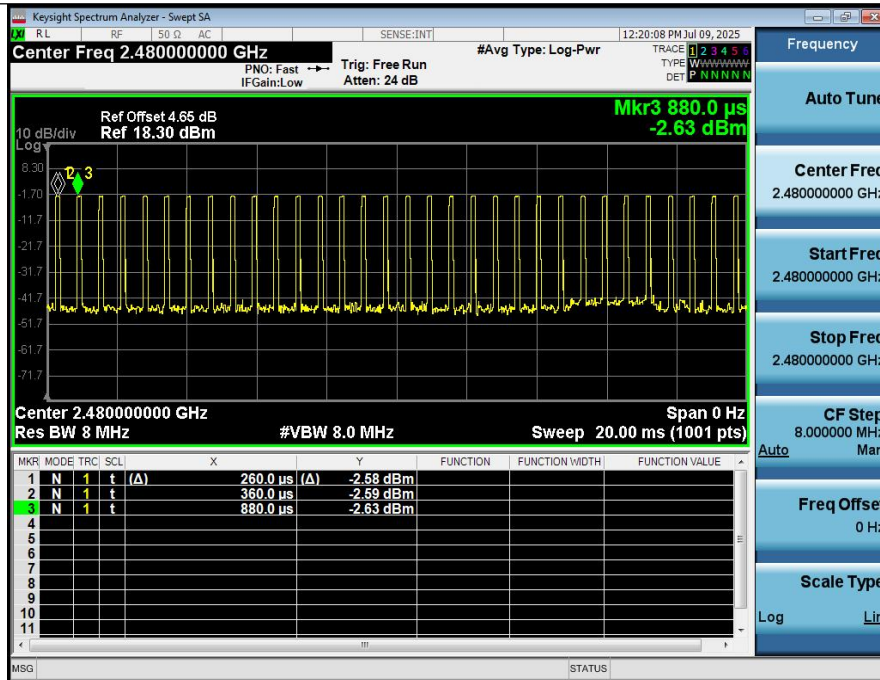


3. Duty Cycle

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

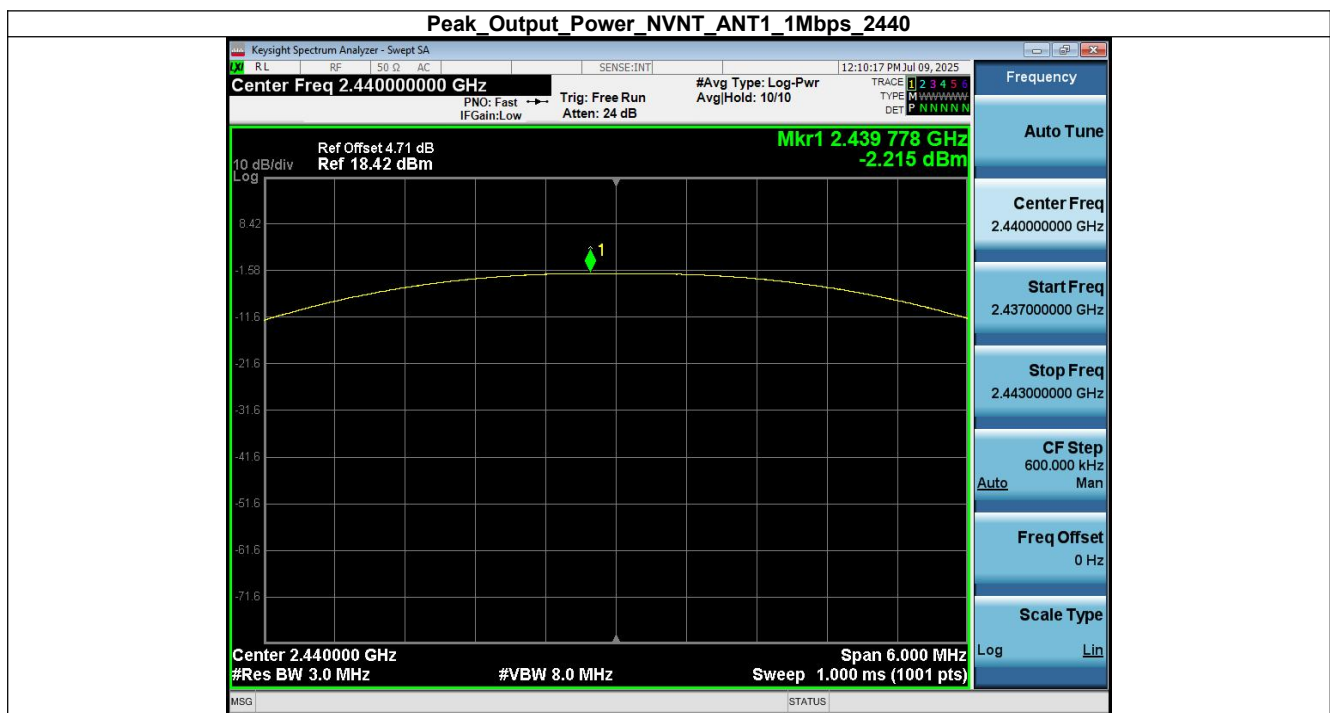
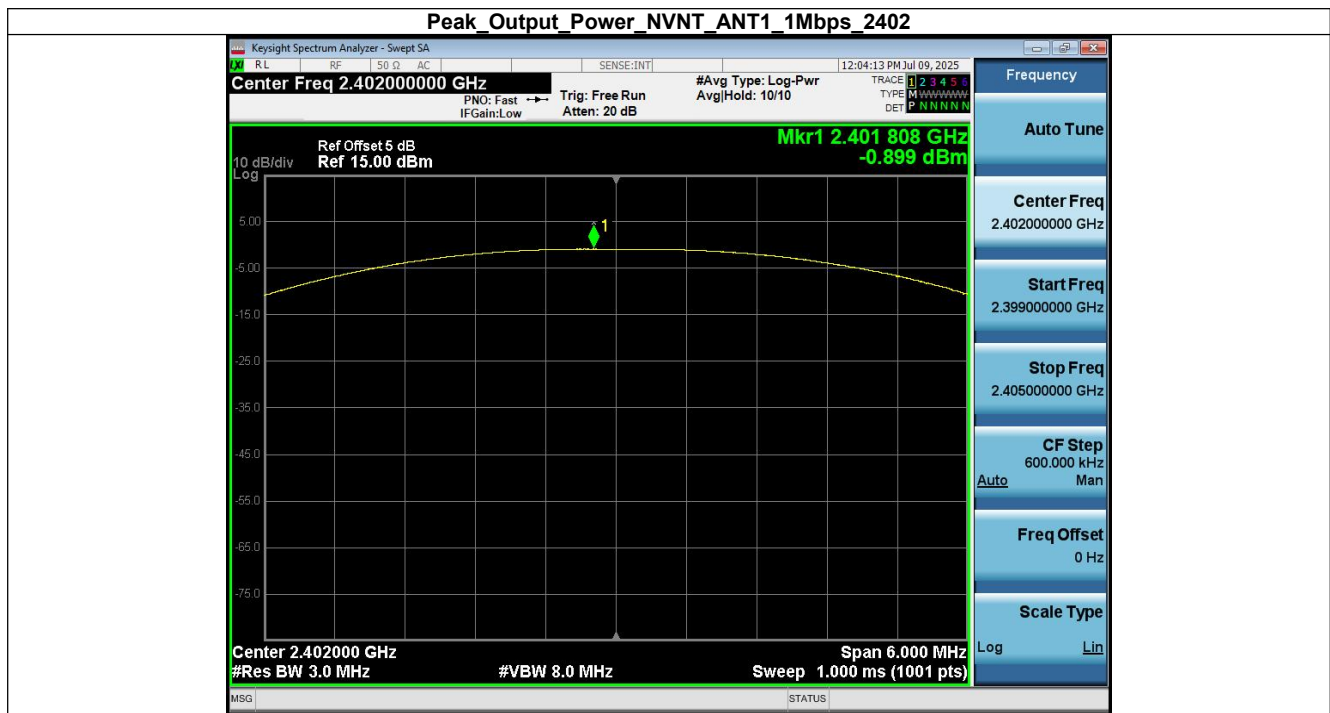


Duty Cycle_NVNT_ANT1_1Mbps_2480



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	-0.90	0.81	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-2.21	0.60	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-2.54	0.56	1000	Pass

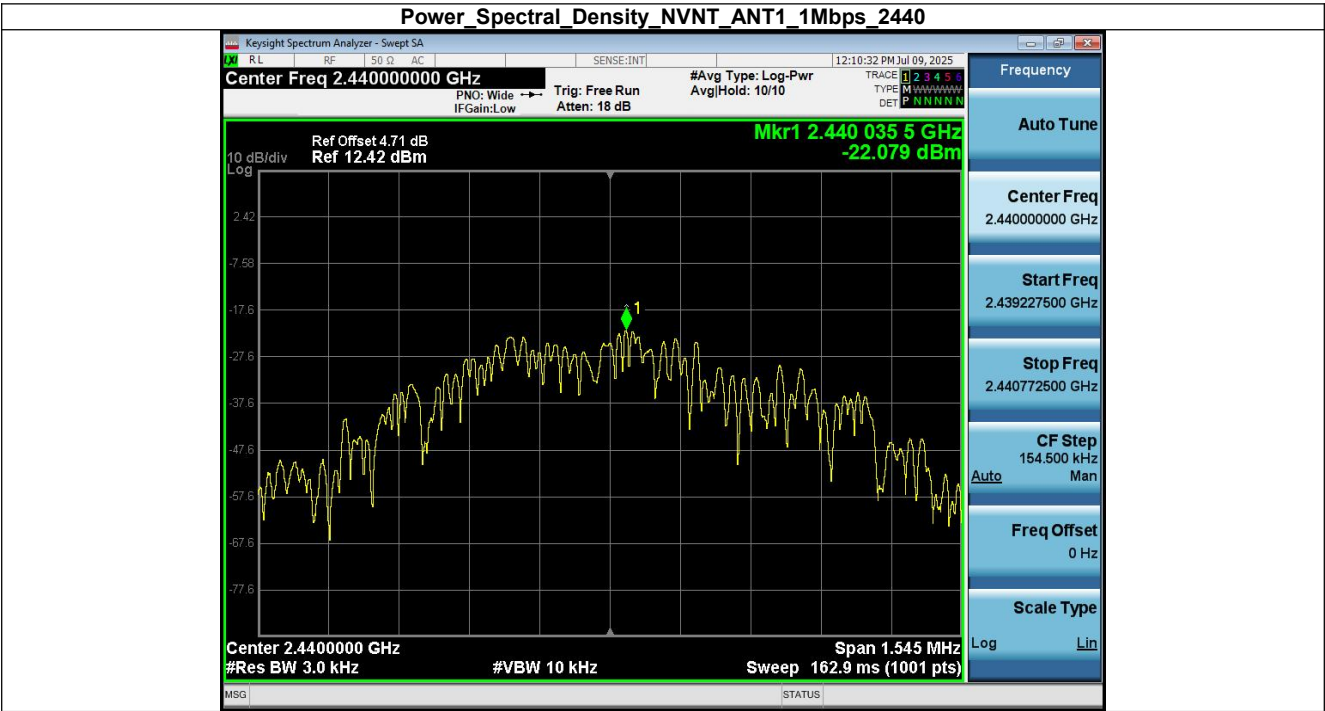


Peak_Output_Power_NVNT_ANT1_1Mbps_2480

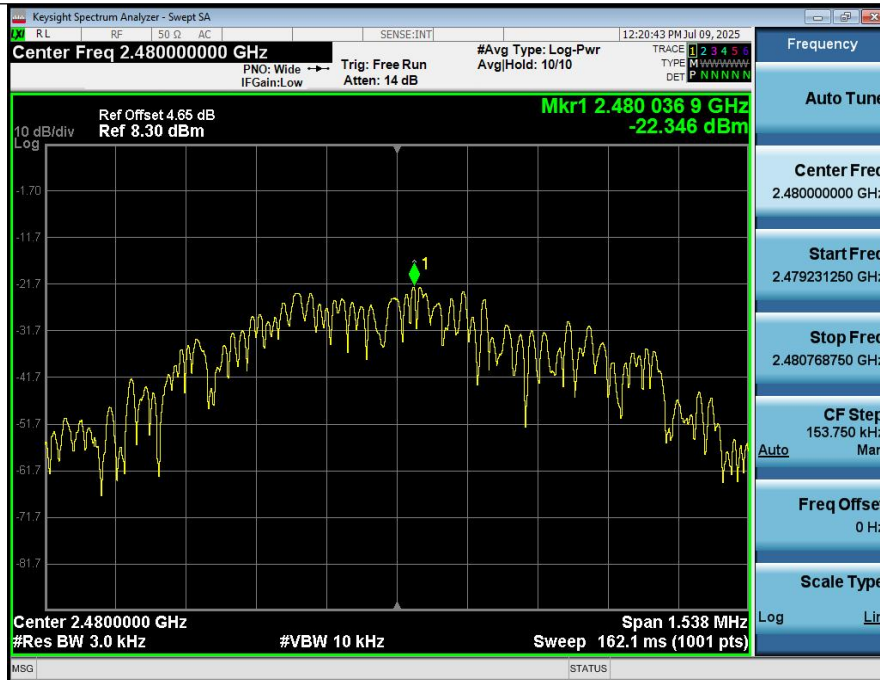


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-19.67	8	Pass
NVNT	ANT1	1Mbps	2440.00	-22.08	8	Pass
NVNT	ANT1	1Mbps	2480.00	-22.35	8	Pass

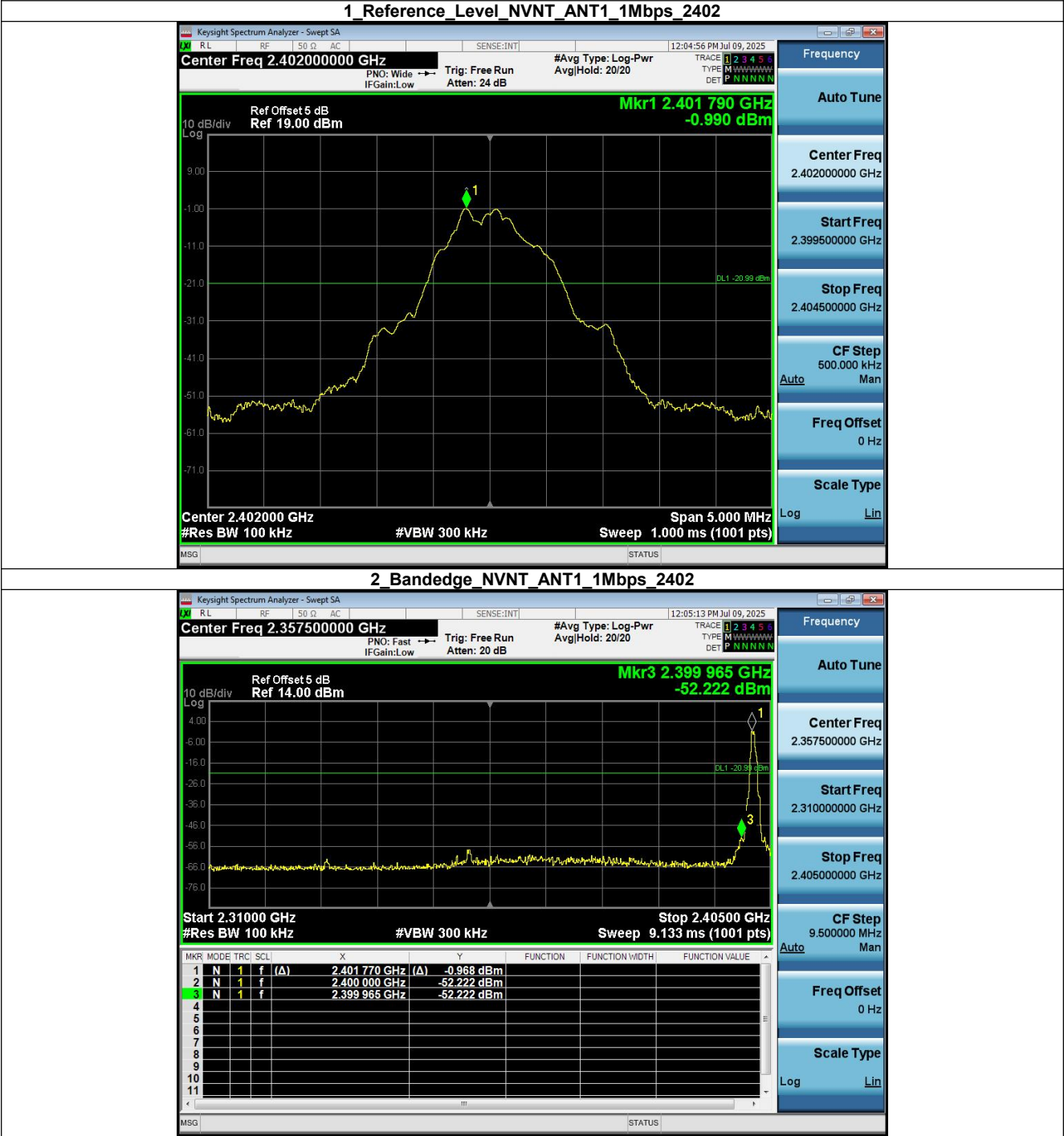


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480

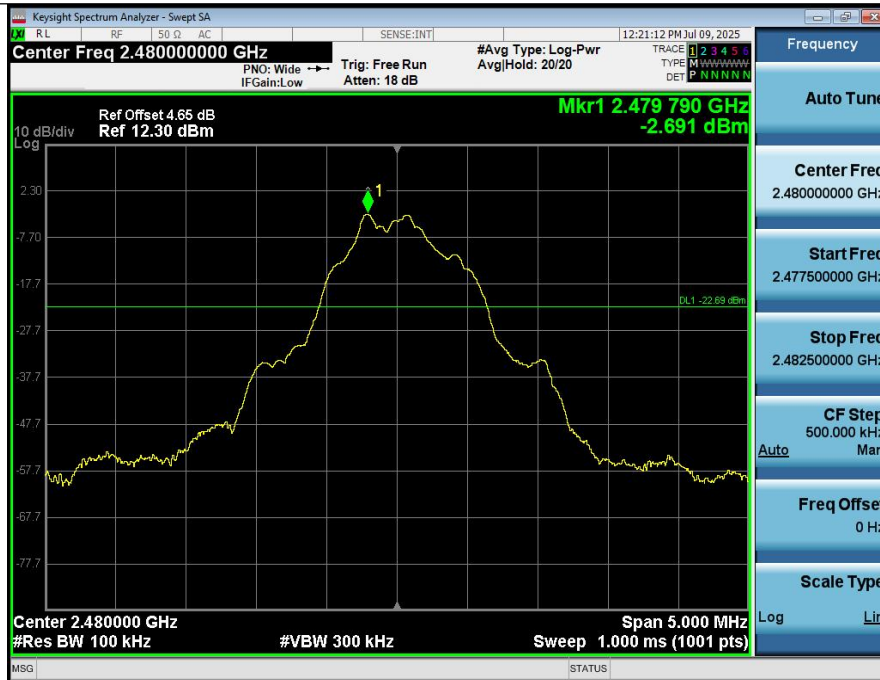


6. Bandedge

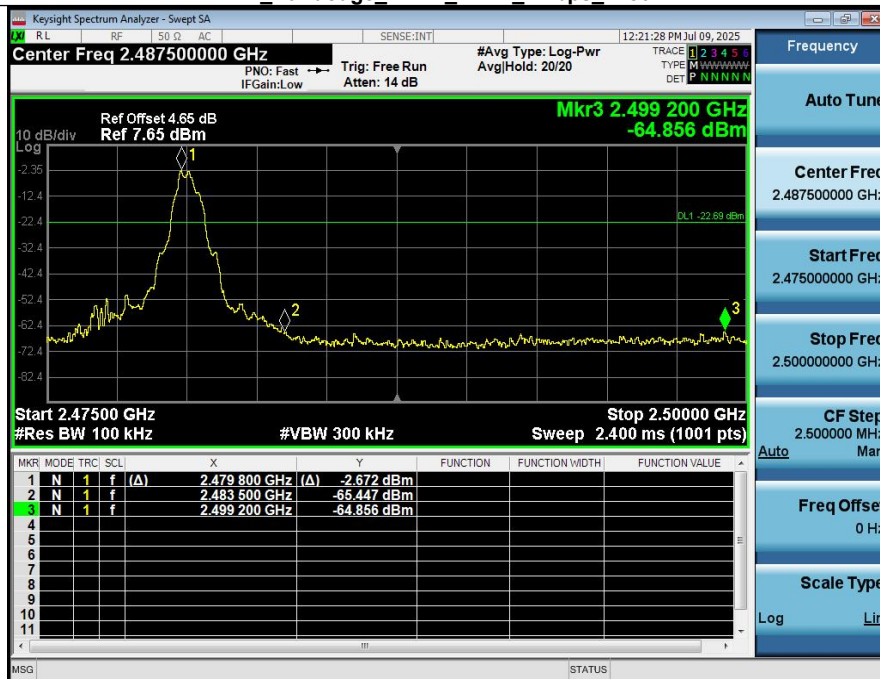
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	-0.990	-52.222	-20.990	Pass
NVNT	ANT1	1Mbps	2480.00	2499.200	-2.691	-64.856	-22.691	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

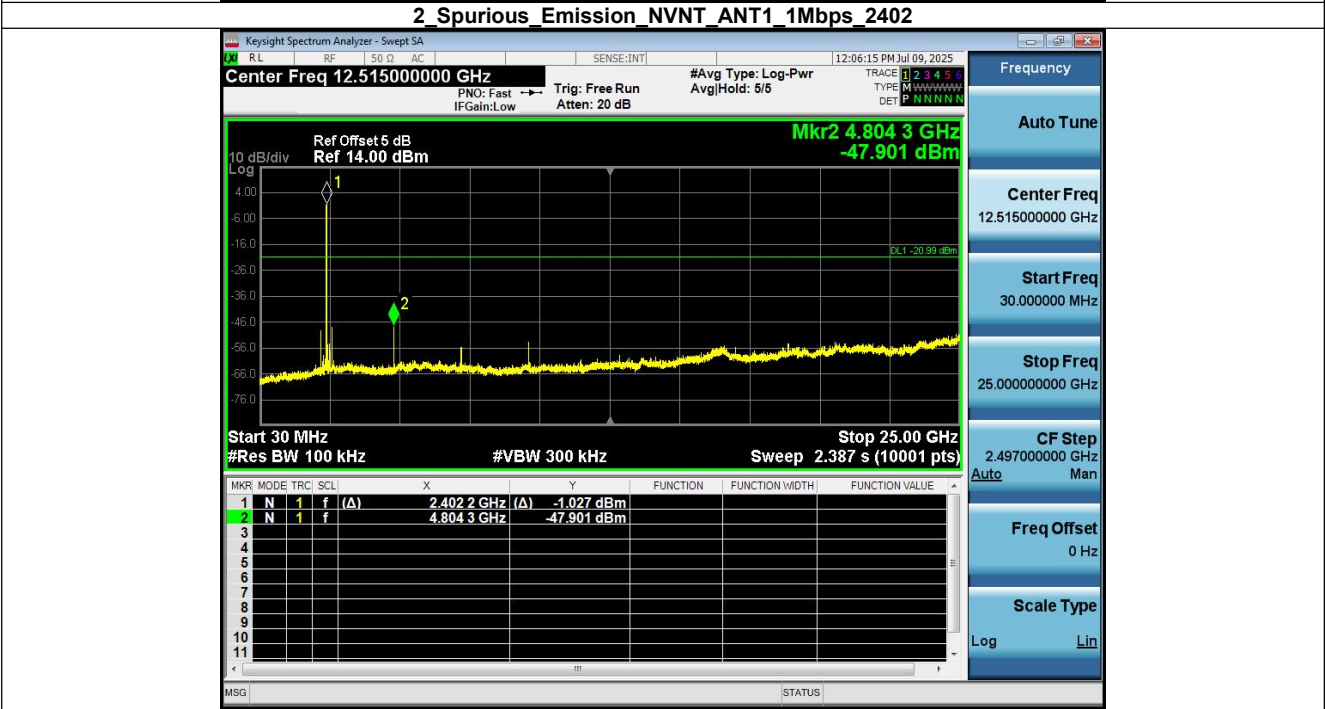


2_Bandedge_NVNT_ANT1_1Mbps_2480

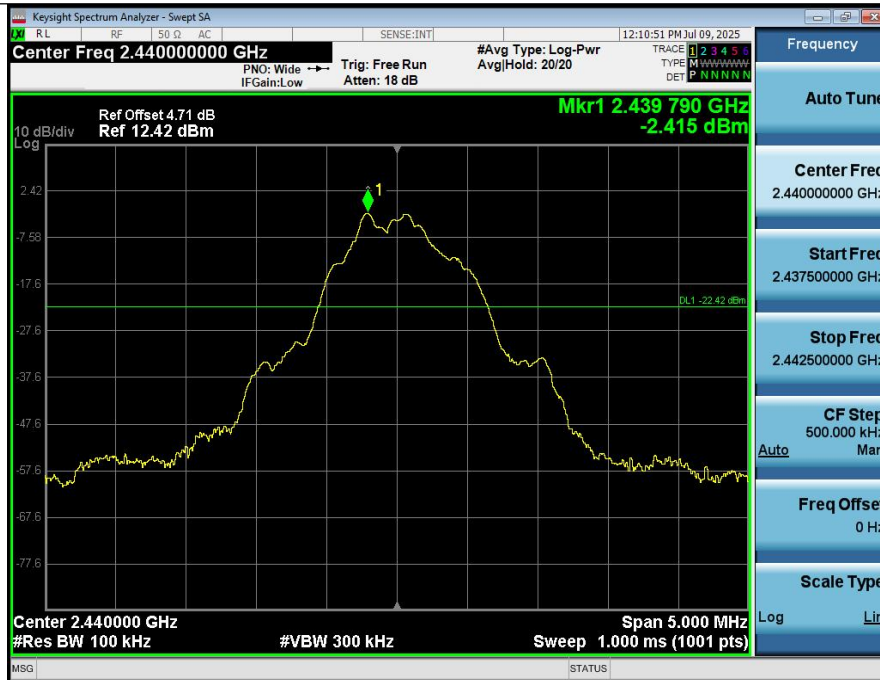


7. Spurious Emission

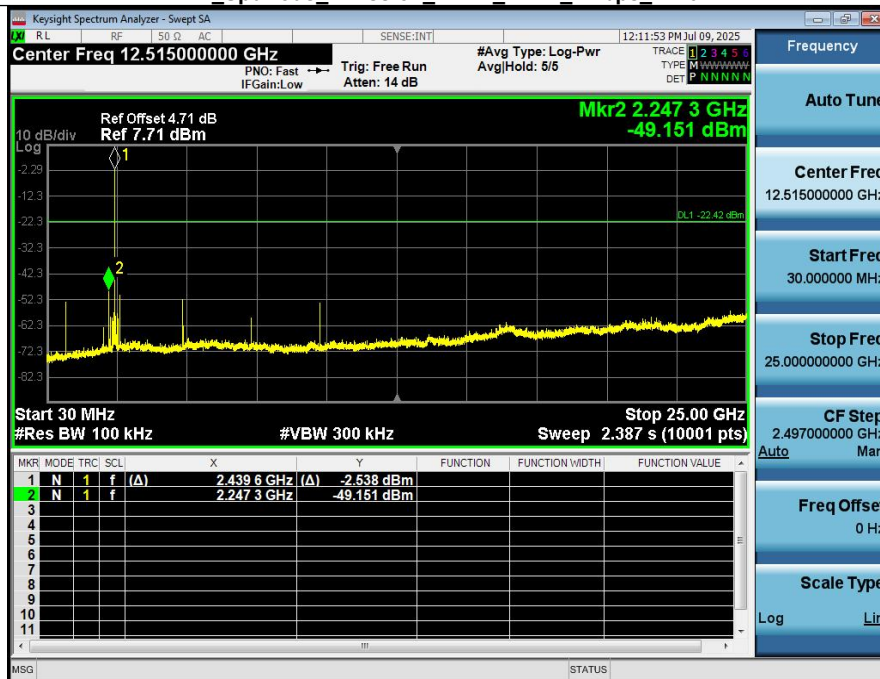
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.990	-47.901	-20.990	Pass
NVNT	ANT1	1Mbps	2440.00	-2.415	-49.151	-22.415	Pass
NVNT	ANT1	1Mbps	2480.00	-2.691	-46.389	-22.691	Pass



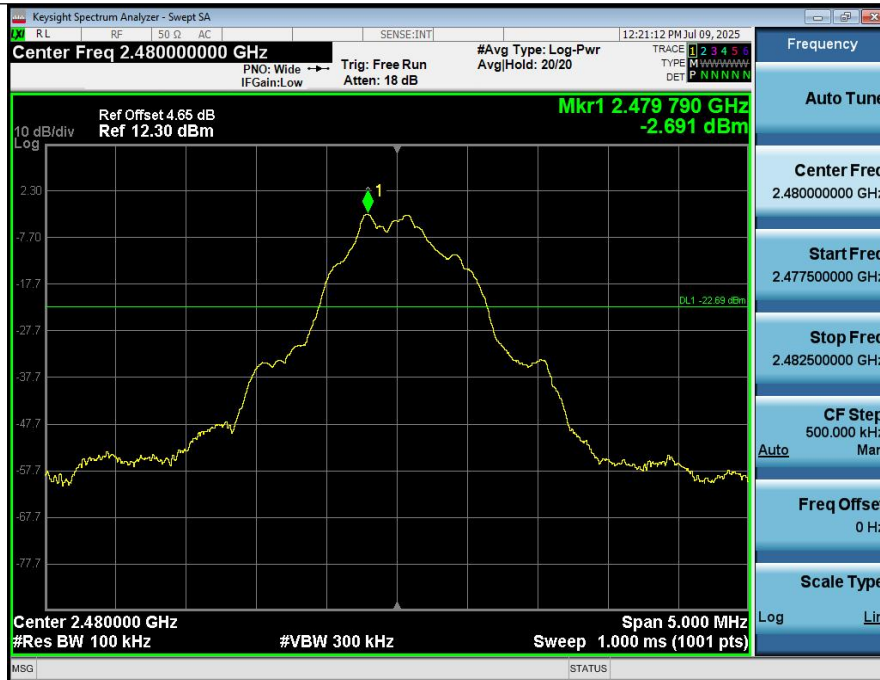
1 Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

