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Report No.: NCT25022804XE1-1

FCC ID:2BDOP-SW-MCW05

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	505.71	500	Pass
NVNT	ANT1	1Mbps	2440.00	506.20	500	Pass
NVNT	ANT1	1Mbps	2480.00	505.73	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	1.021
NVNT	ANT1	1Mbps	2440.00	1.021
NVNT	ANT1	1Mbps	2480.00	1.022

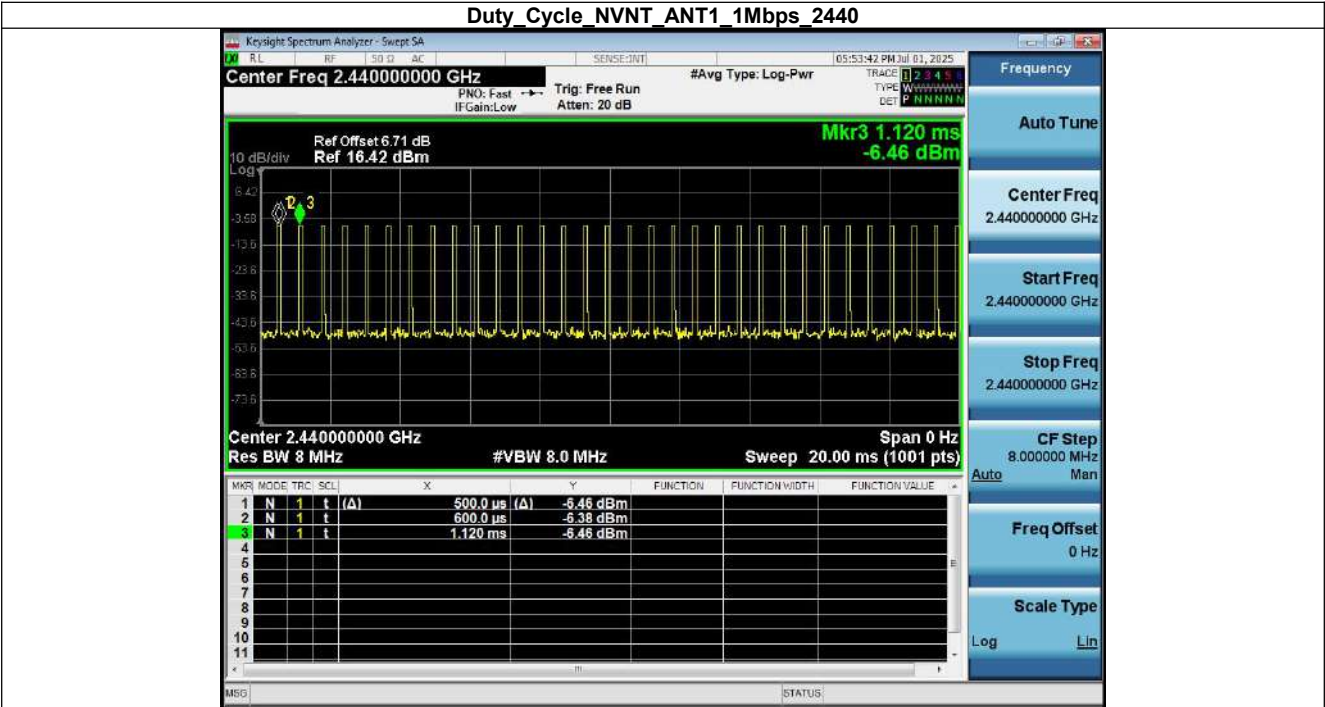
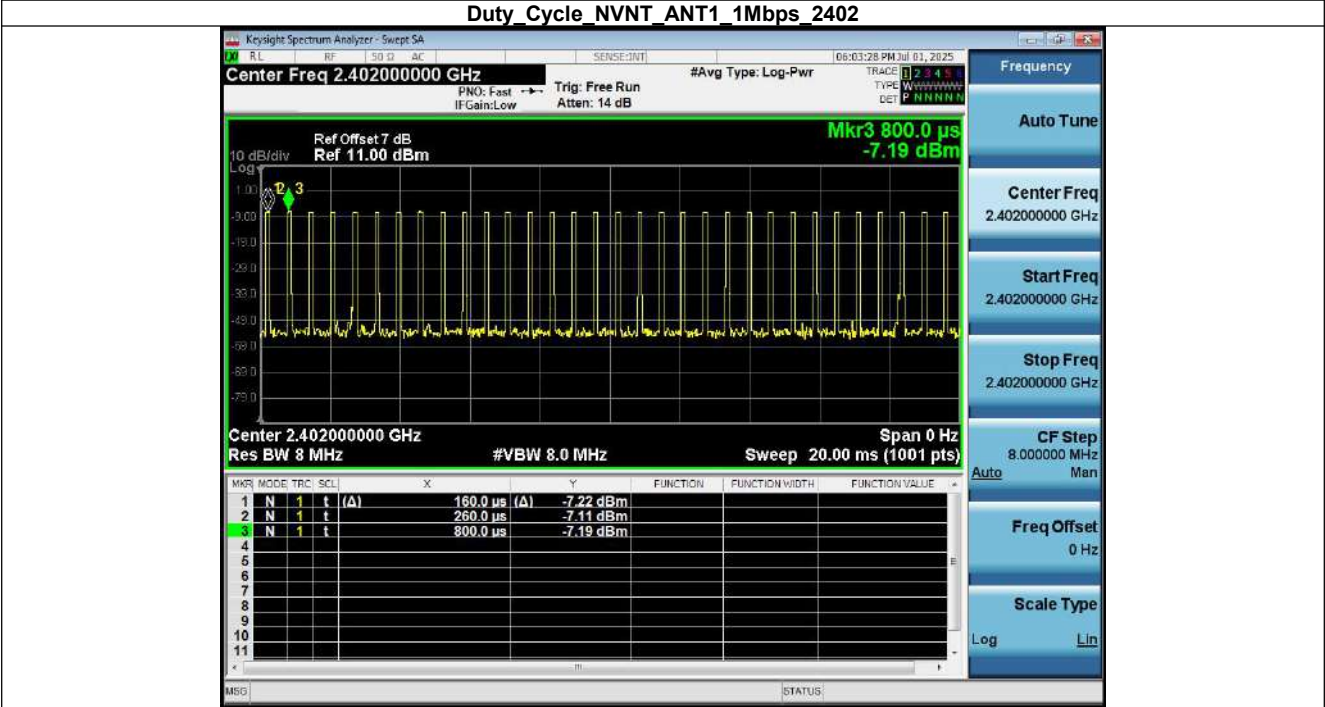


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

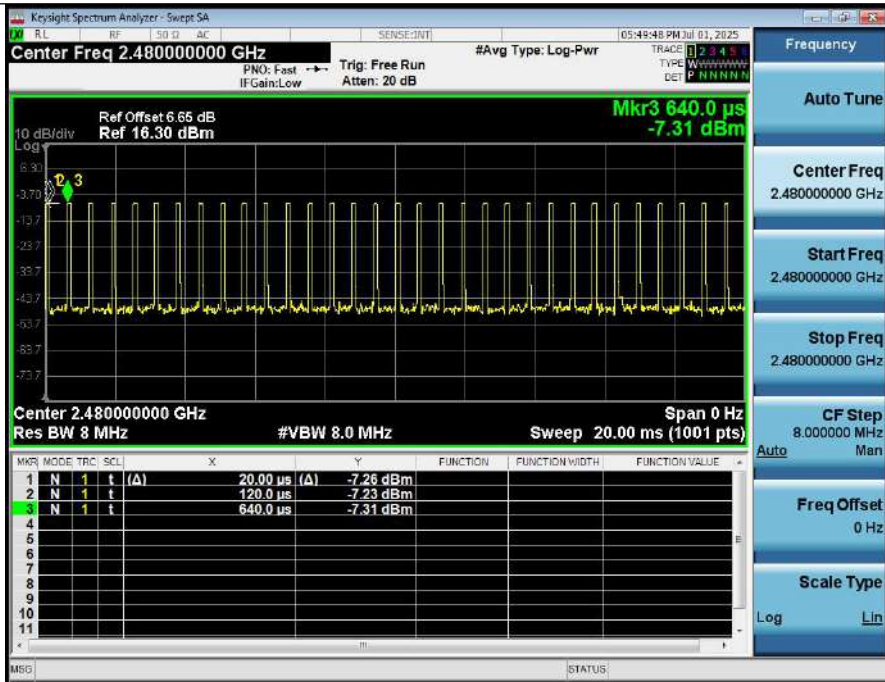


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	15.63	8.06
NVNT	ANT1	1Mbps	2440.00	16.13	7.92
NVNT	ANT1	1Mbps	2480.00	16.13	7.92



Duty Cycle NVNT_ANT1_1Mbps_2480

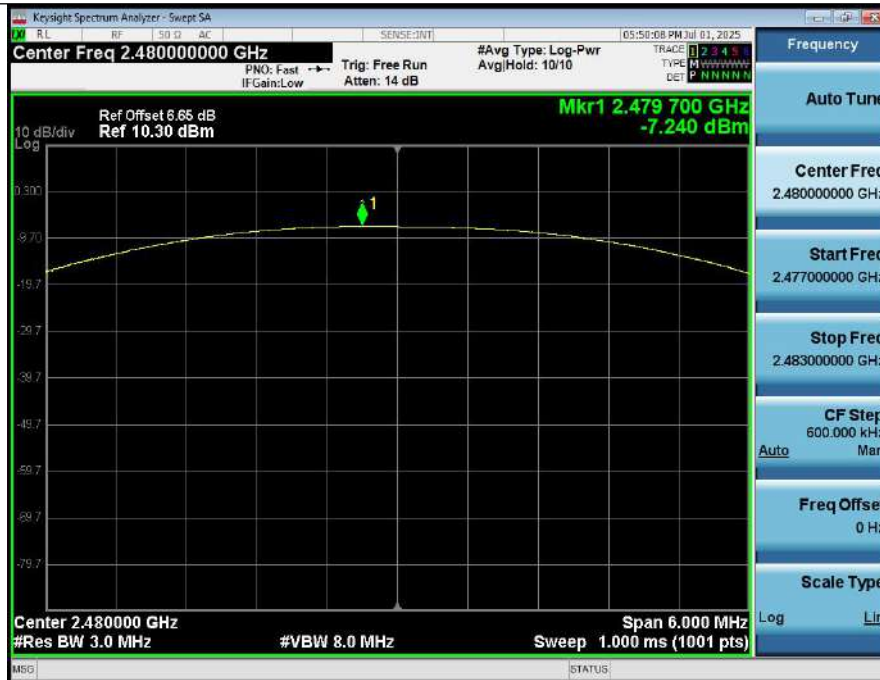


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-7.12	0.19	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-6.33	0.23	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-7.24	0.19	1000	Pass



Peak_Output_Power_NVNT_ANT1_1Mbps_2480

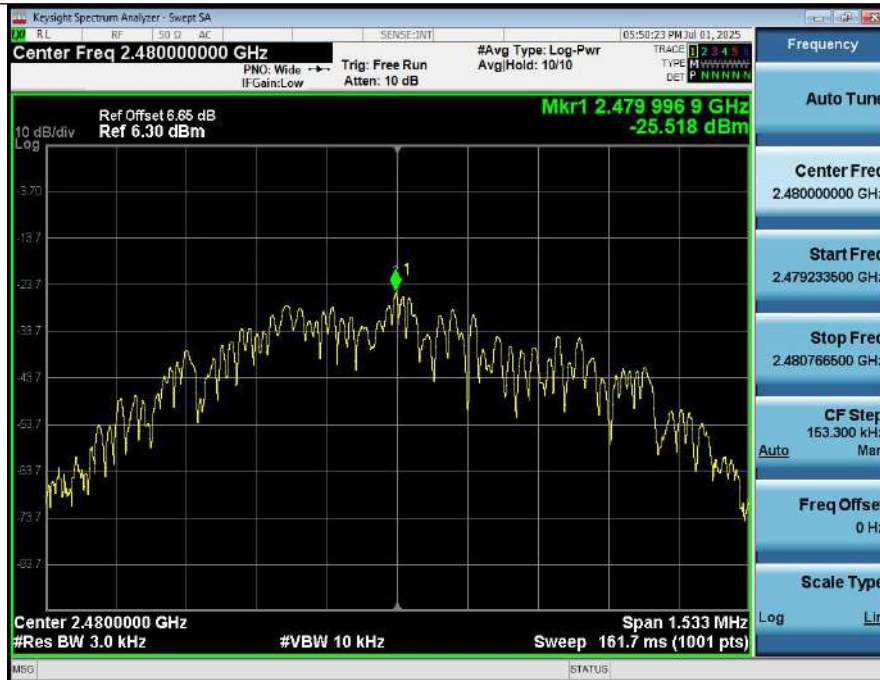


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-25.55	8	Pass
NVNT	ANT1	1Mbps	2440.00	-24.71	8	Pass
NVNT	ANT1	1Mbps	2480.00	-25.52	8	Pass



Power Spectral Density NVNT ANT1 1Mbps 2480

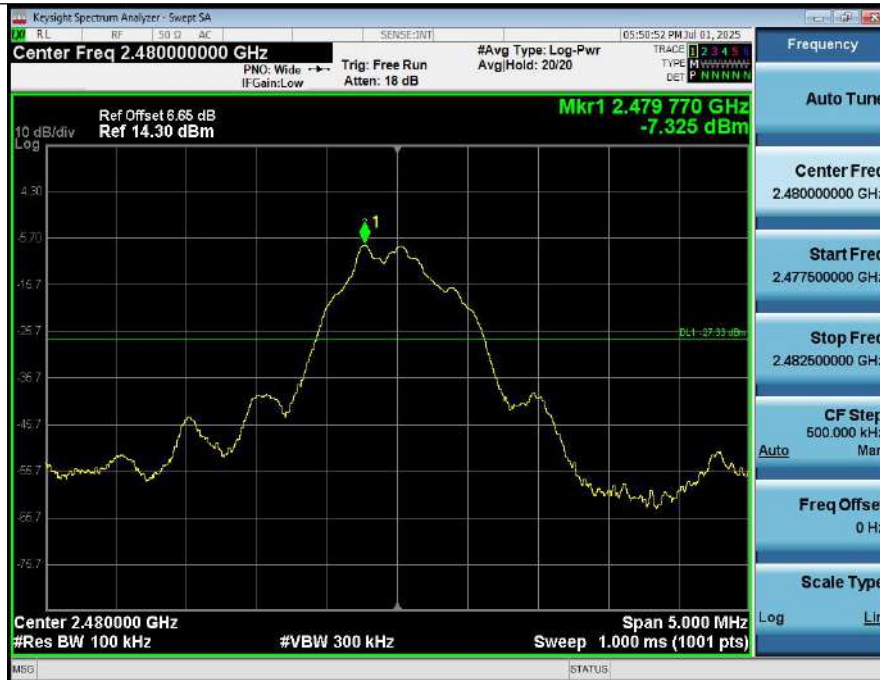


6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.015	-7.256	-51.422	-27.256	Pass
NVNT	ANT1	1Mbps	2480.00	2483.625	-7.325	-58.921	-27.325	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

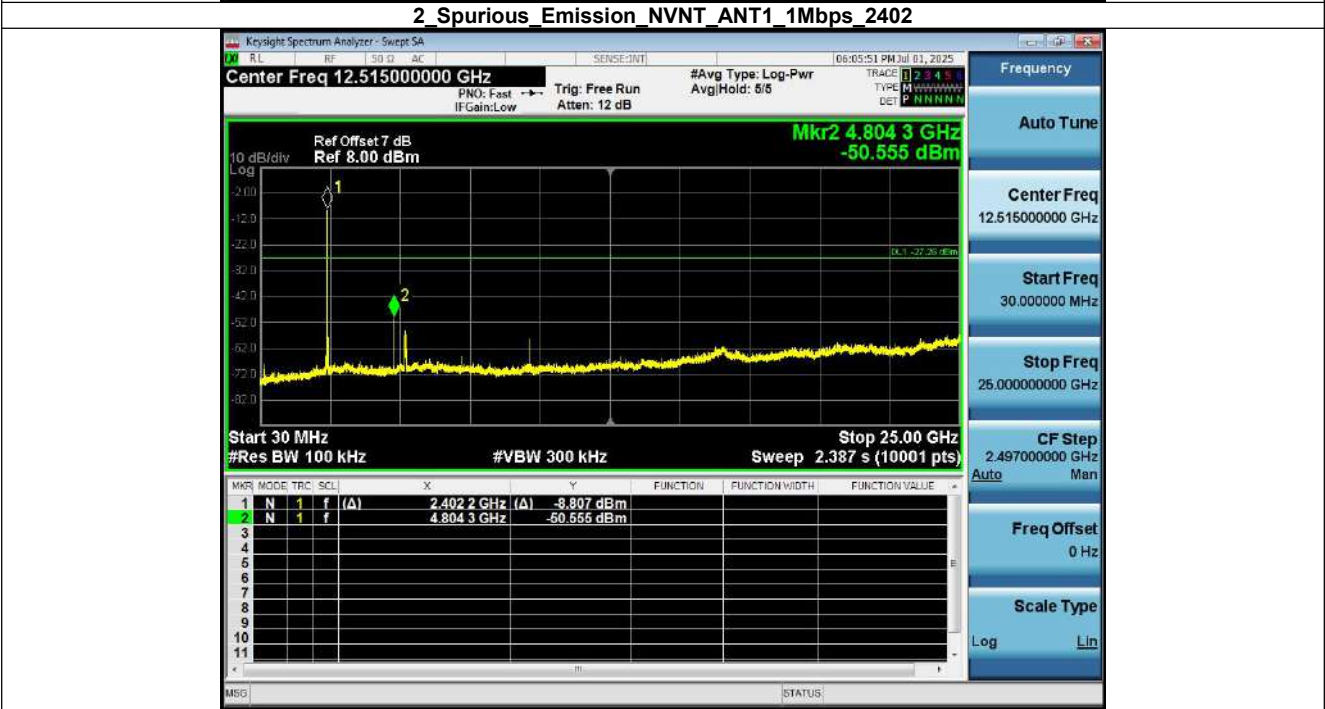


2_Bandedge_NVNT_ANT1_1Mbps_2480

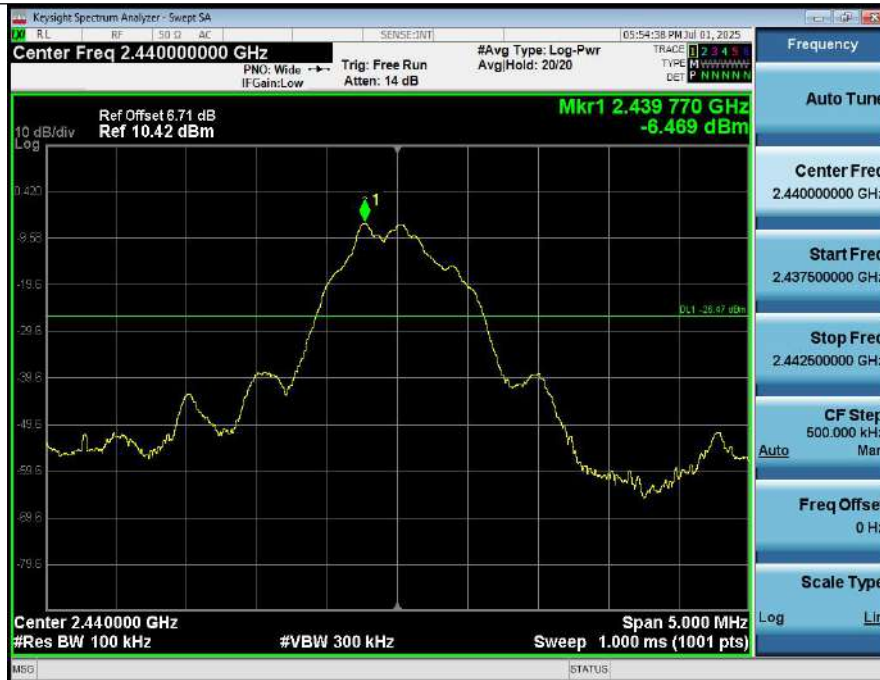


7. Spurious Emission

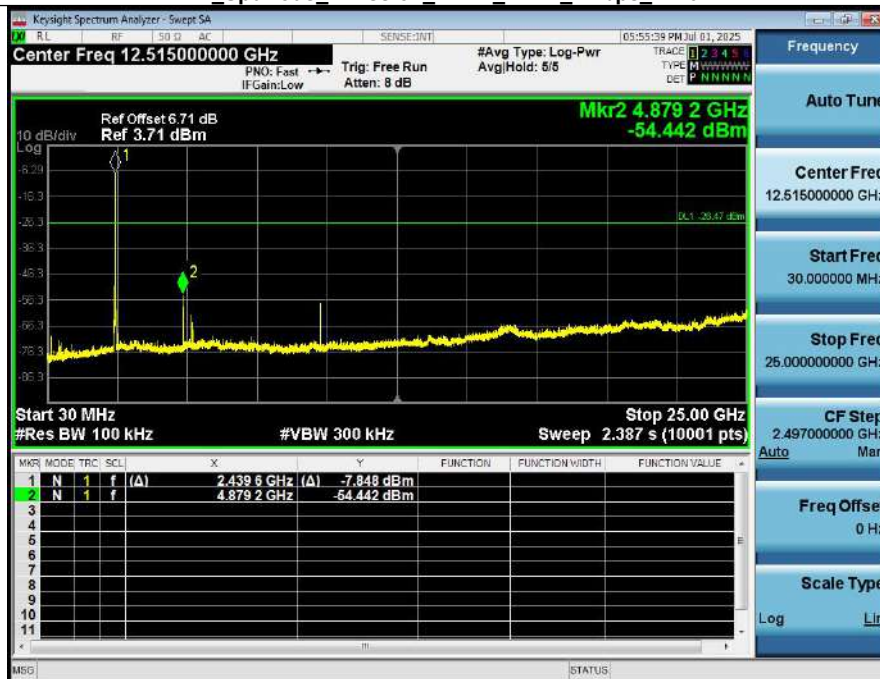
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-7.256	-50.555	-27.256	Pass
NVNT	ANT1	1Mbps	2440.00	-6.469	-54.442	-26.469	Pass
NVNT	ANT1	1Mbps	2480.00	-7.325	-53.094	-27.325	Pass



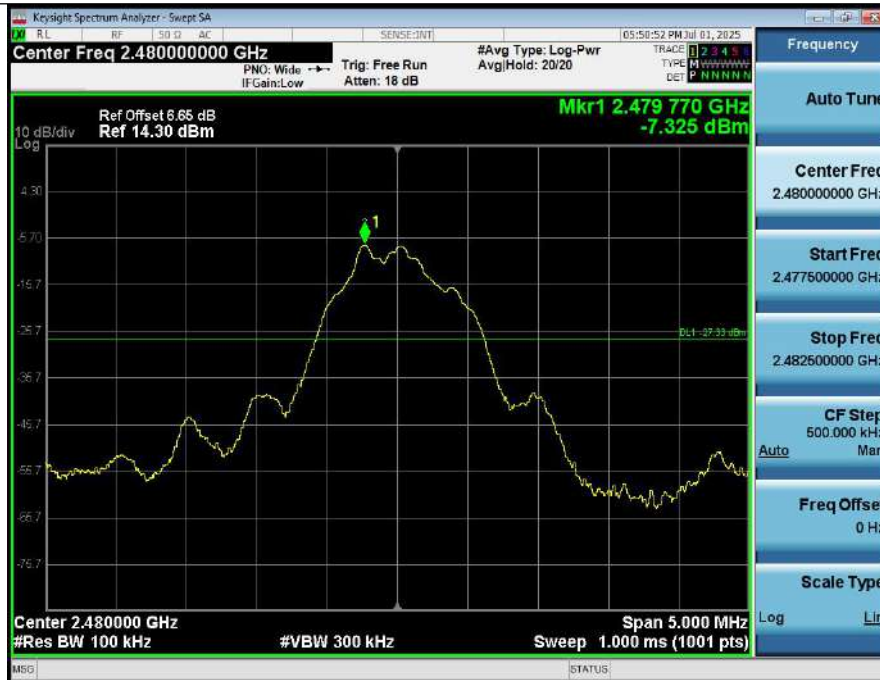
1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

