

FCC ID: 2BFZN-C8
Report No.:MAX250529110P01-R01
FCC_BLE (Part15.247) Test Data

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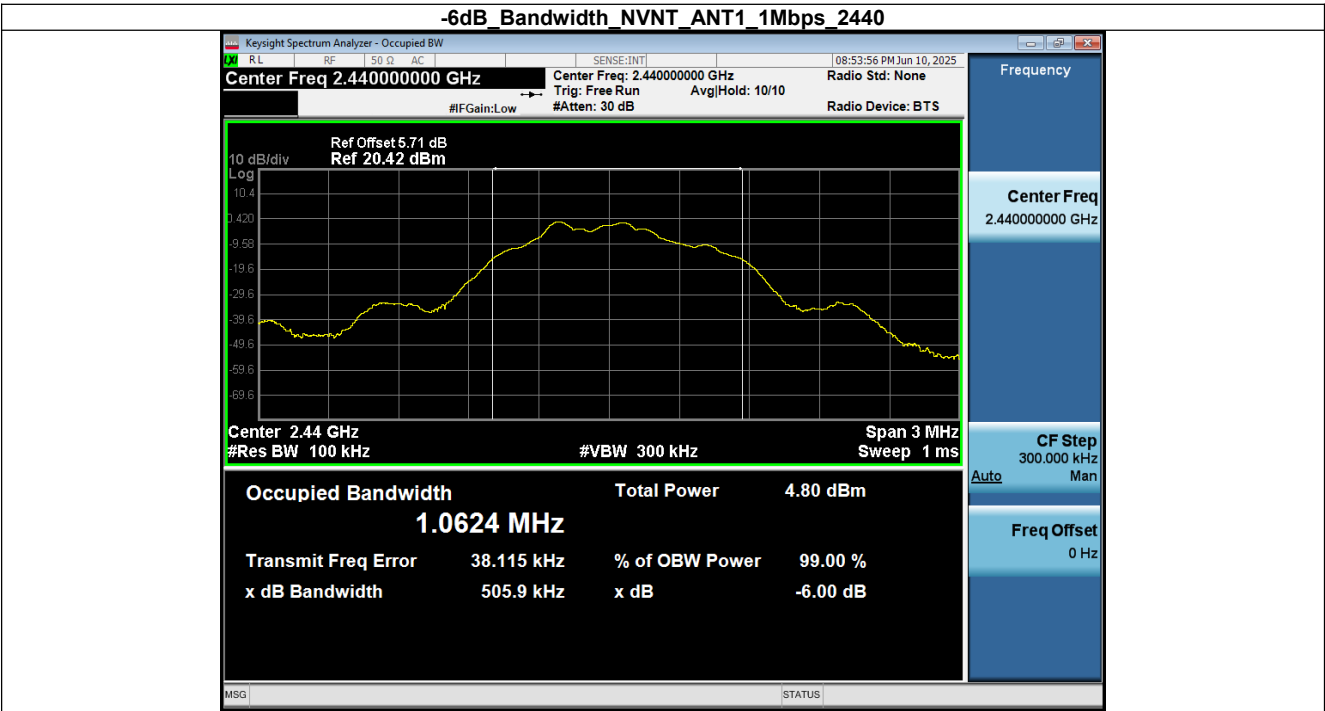
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1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	509.31	500	Pass
NVNT	ANT1	1Mbps	2440.00	505.94	500	Pass
NVNT	ANT1	1Mbps	2480.00	509.74	500	Pass

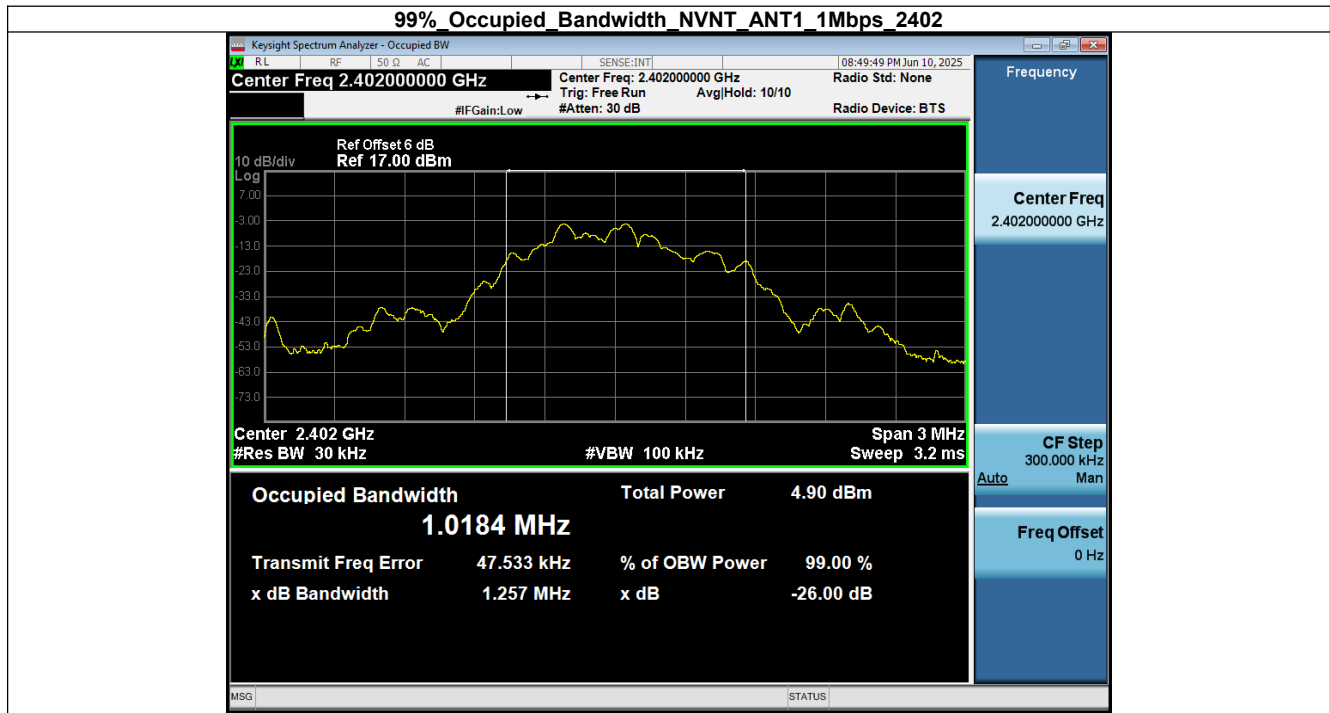


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.018
NVNT	ANT1	1Mbps	2440.00	1.019
NVNT	ANT1	1Mbps	2480.00	1.019

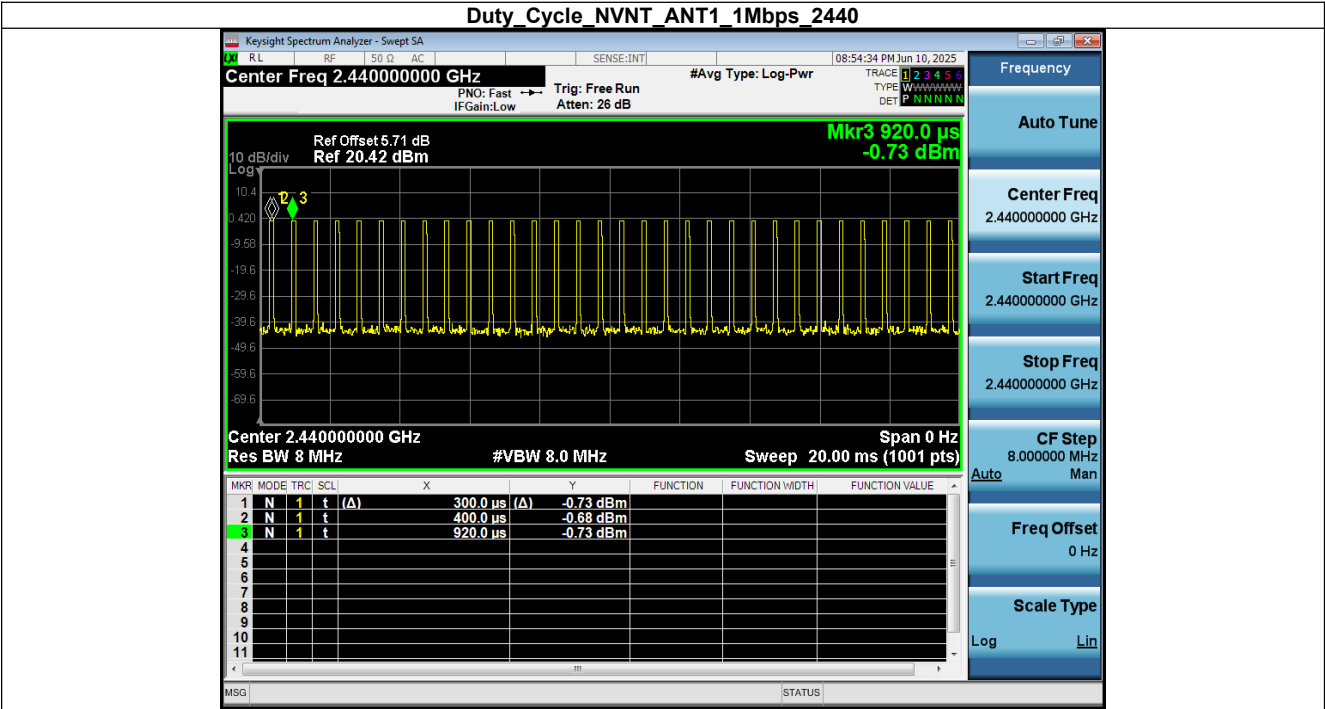
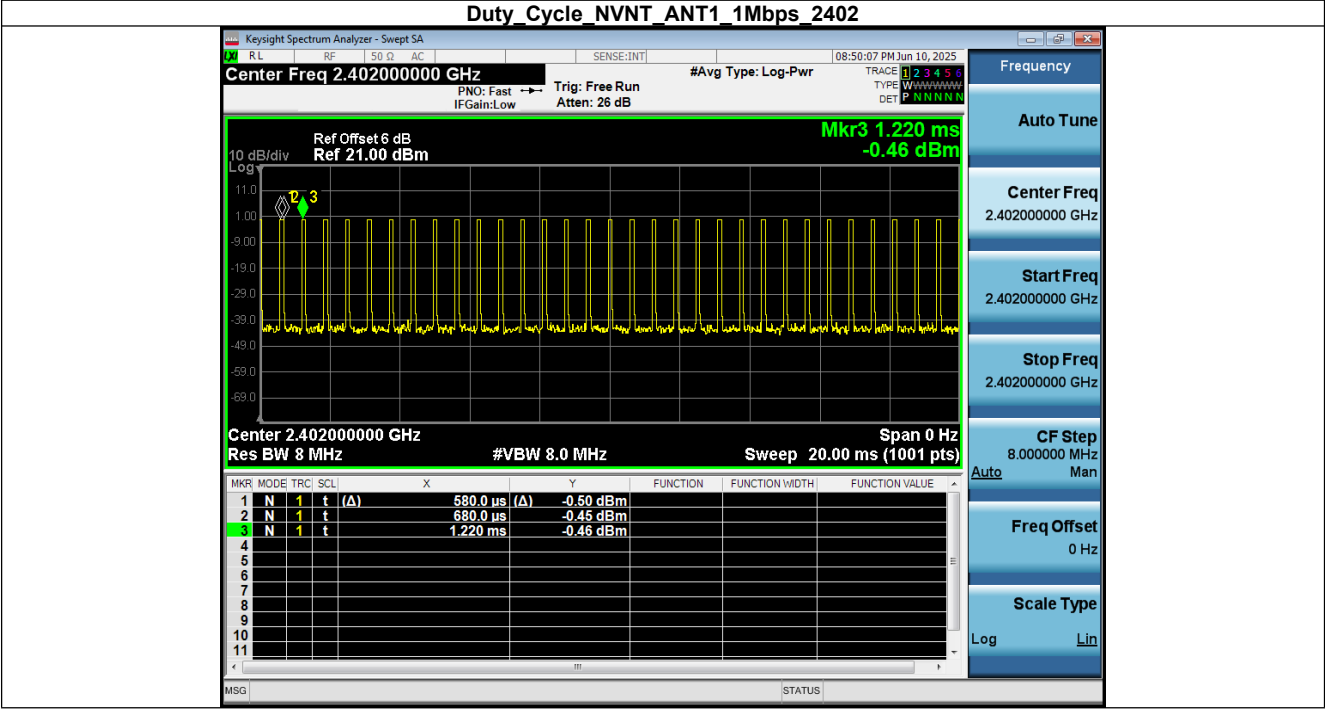


99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480

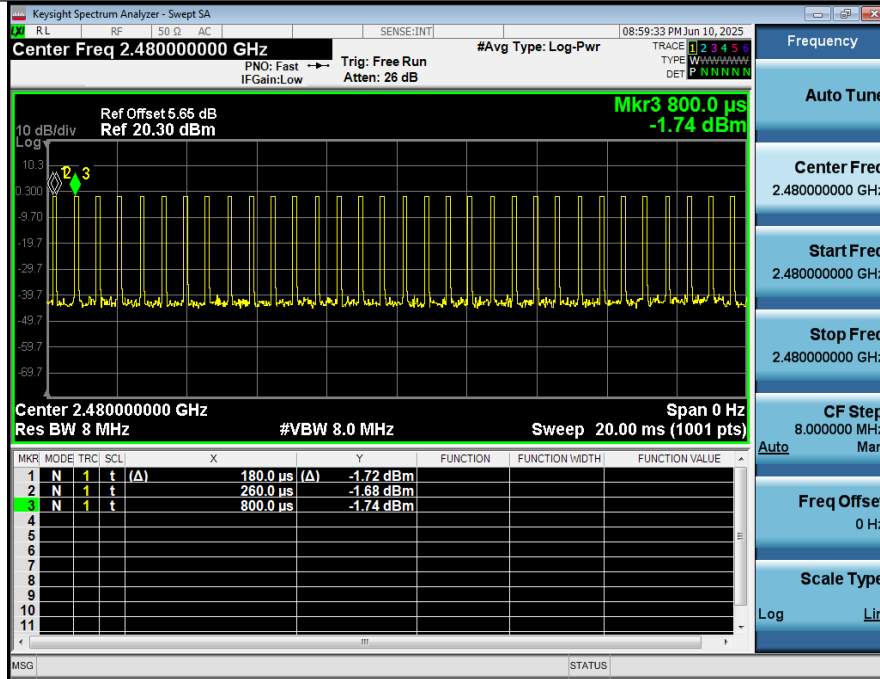


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	18.75	7.27
NVNT	ANT1	1Mbps	2440.00	16.13	7.92
NVNT	ANT1	1Mbps	2480.00	12.90	8.89

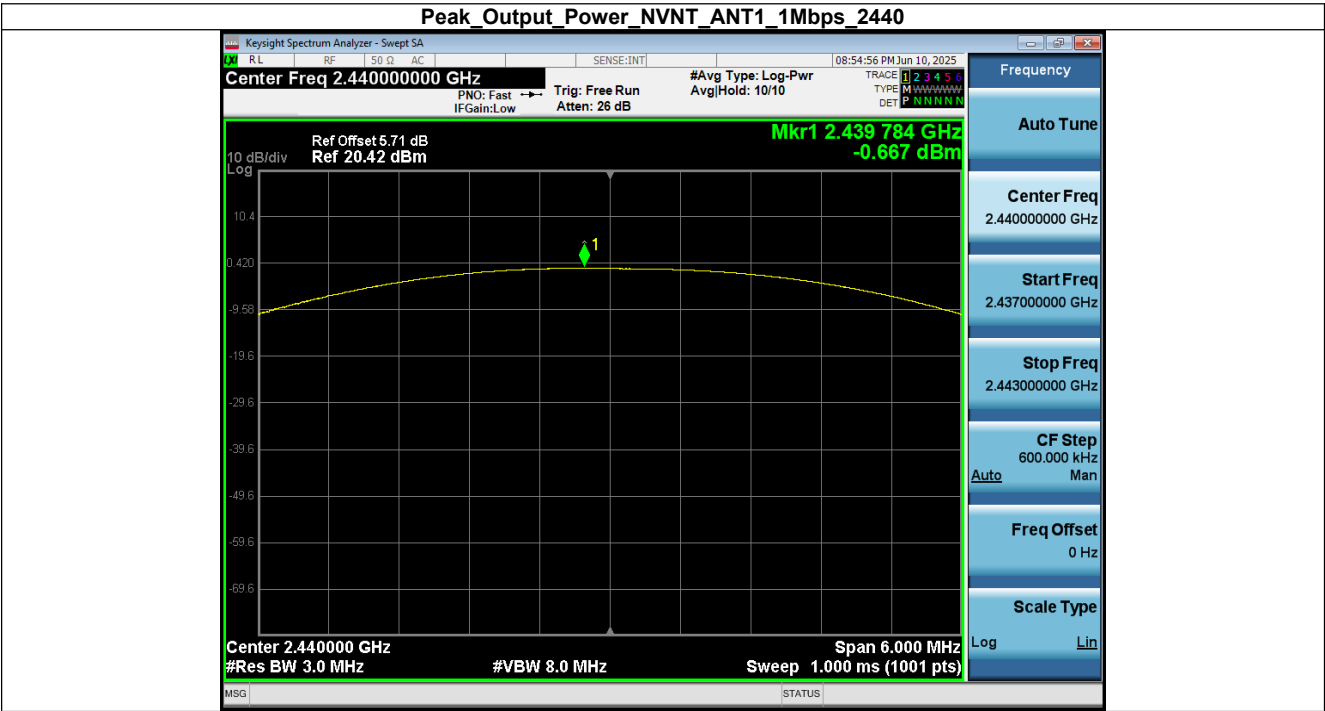
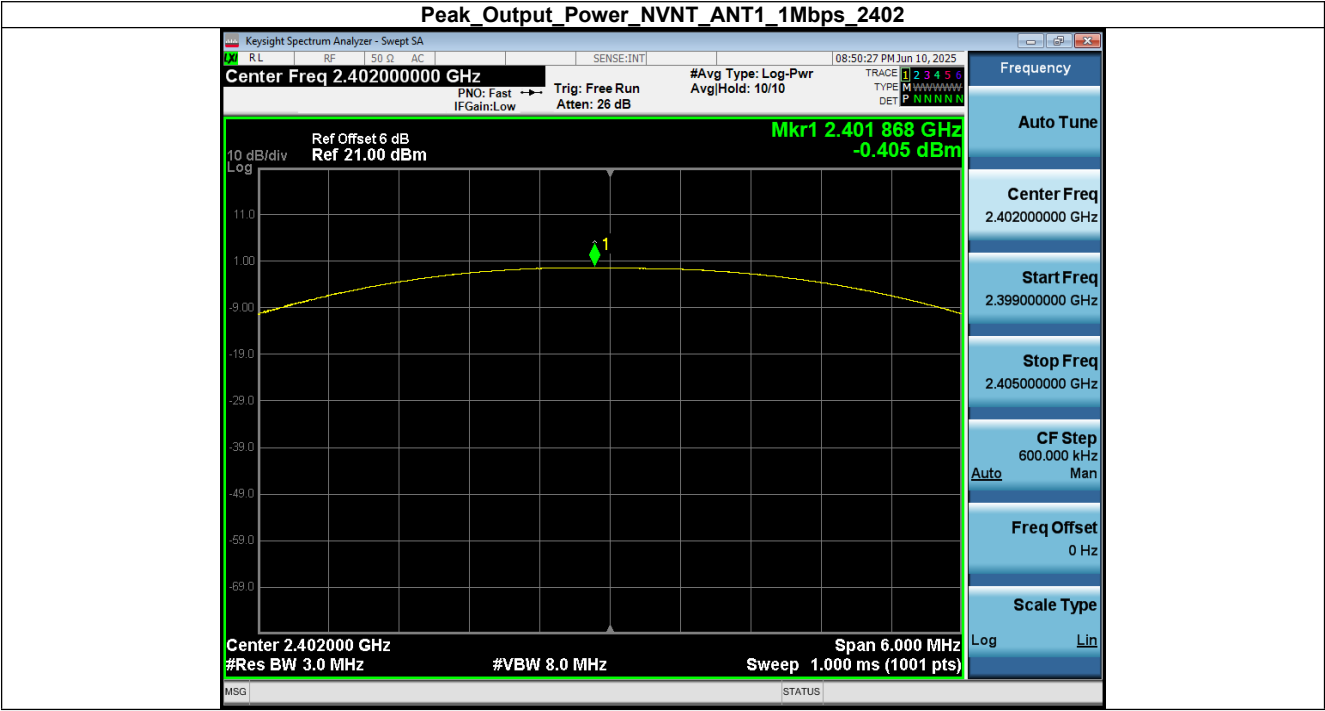


Duty Cycle_NVNT_ANT1_1Mbps_2480

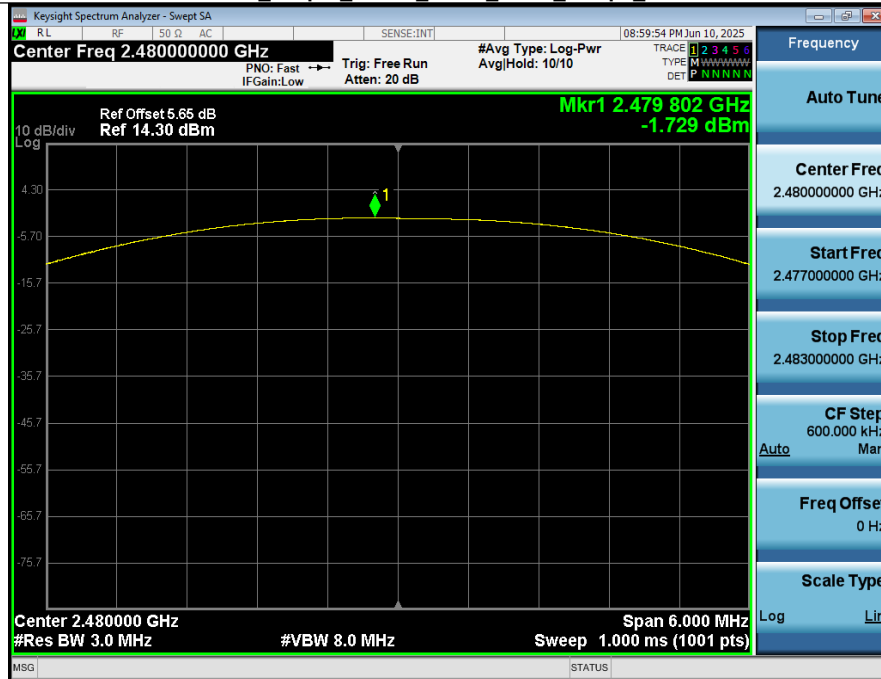


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.41	0.91	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.67	0.86	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.73	0.67	1000	Pass

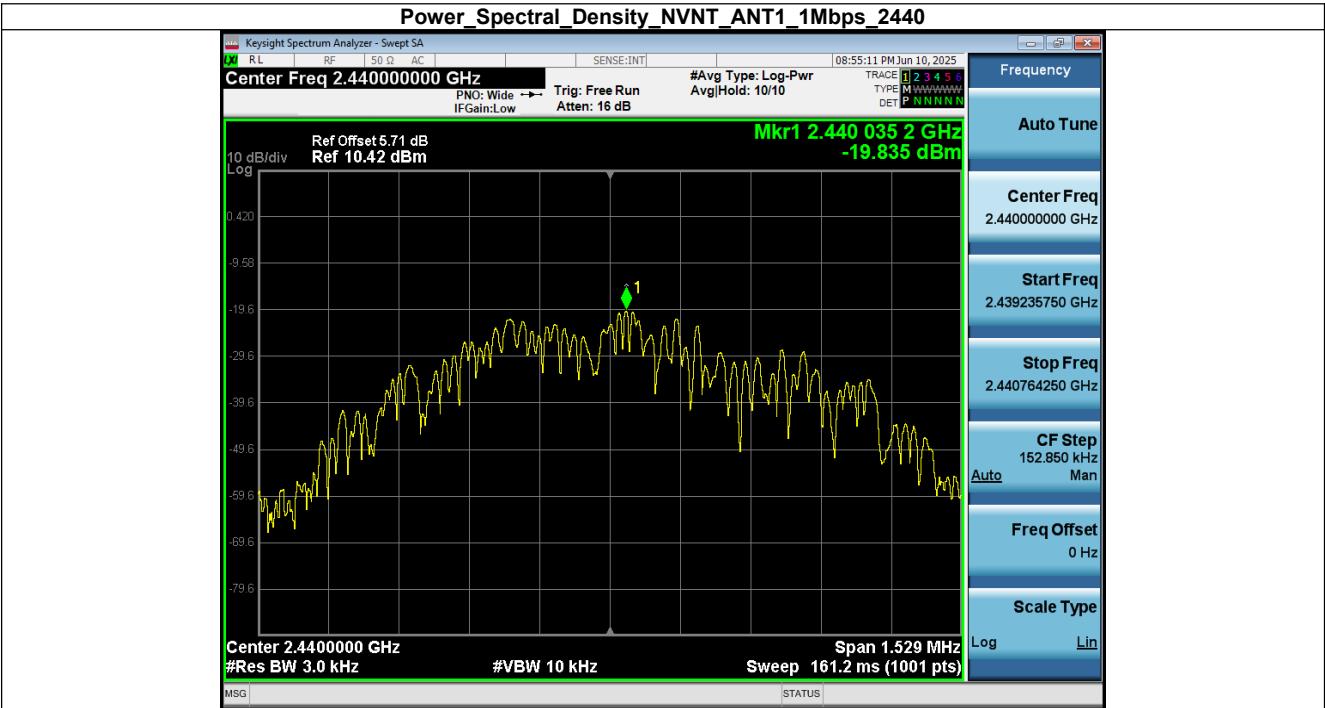
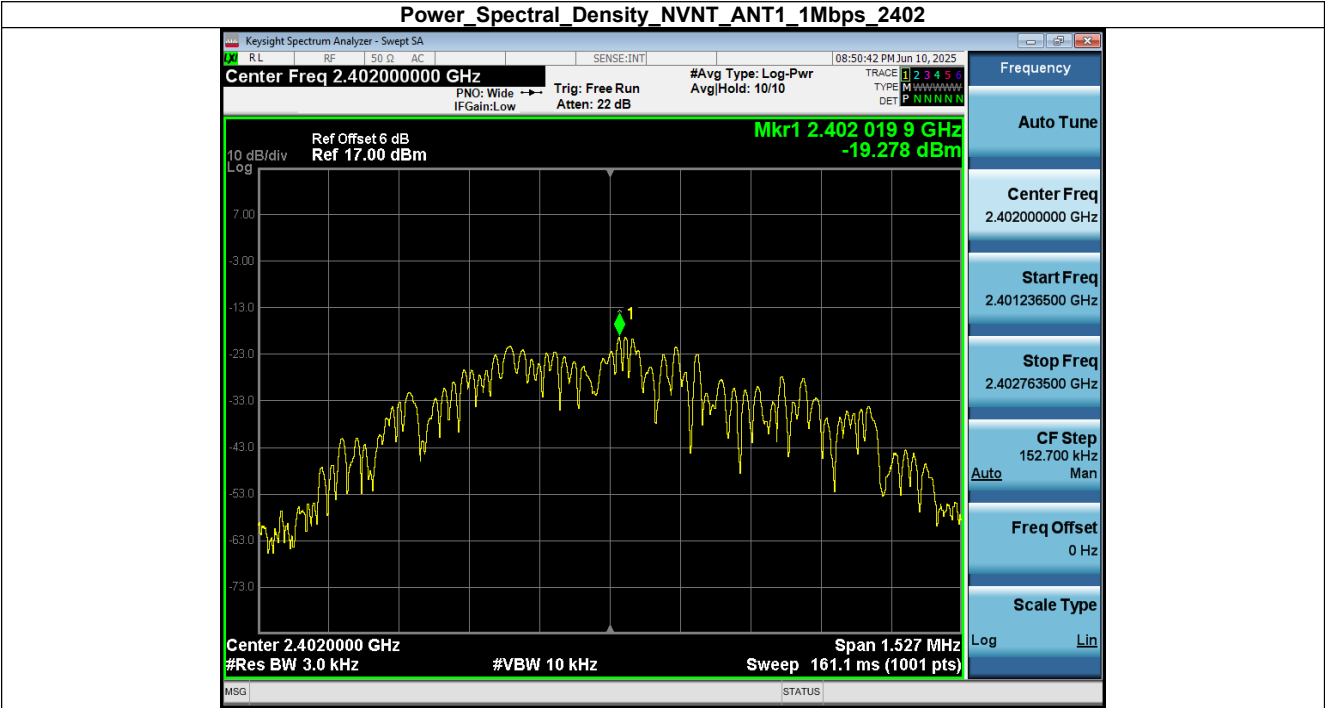


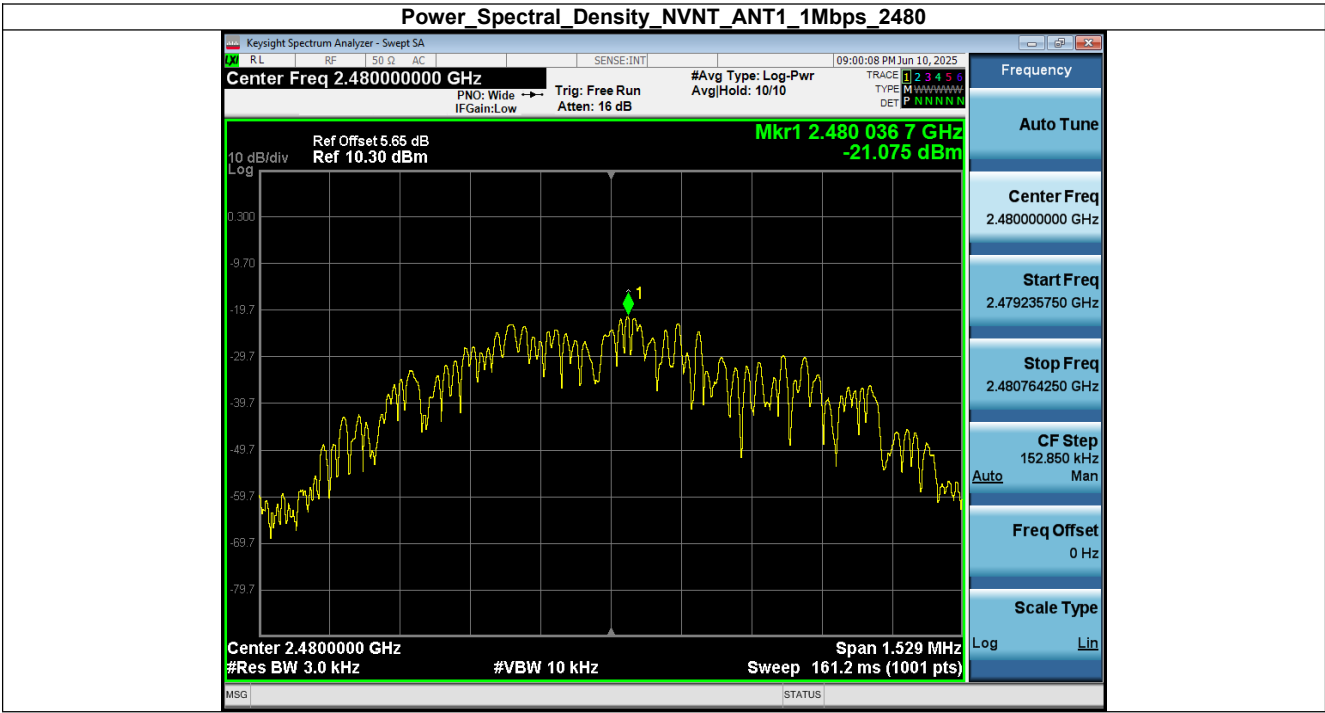
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



5. Power Spectral Density

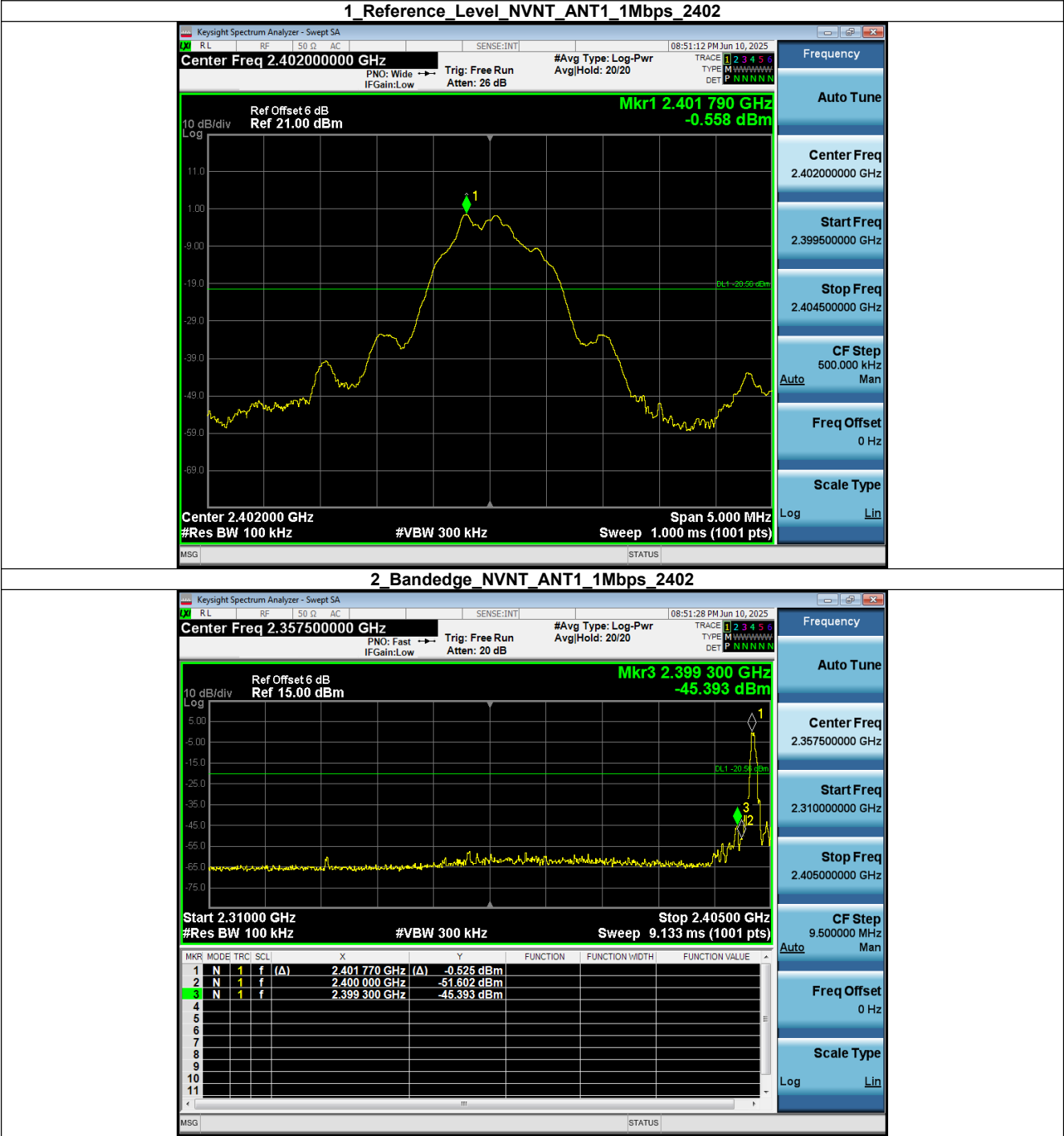
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-19.28	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.84	8	Pass
NVNT	ANT1	1Mbps	2480.00	-21.07	8	Pass





6. Bandedge

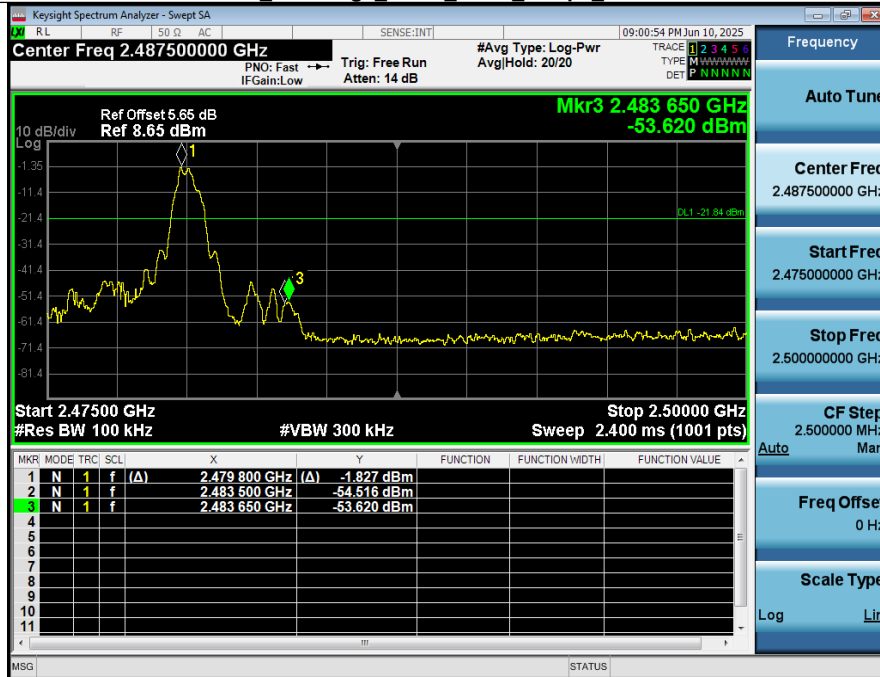
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.300	-0.558	-45.393	-20.558	Pass
NVNT	ANT1	1Mbps	2480.00	2483.650	-1.839	-53.620	-21.839	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2480

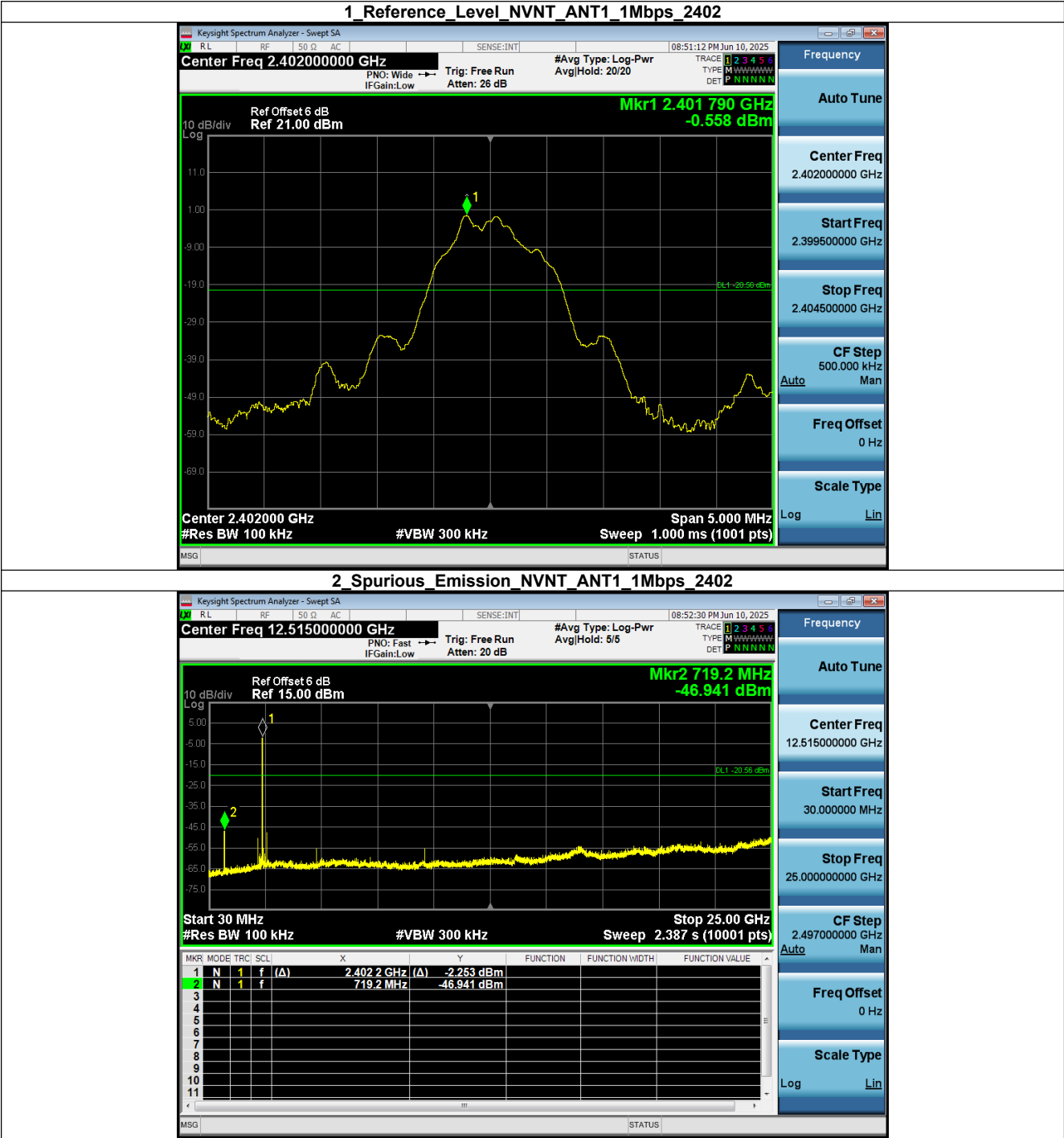


2 Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

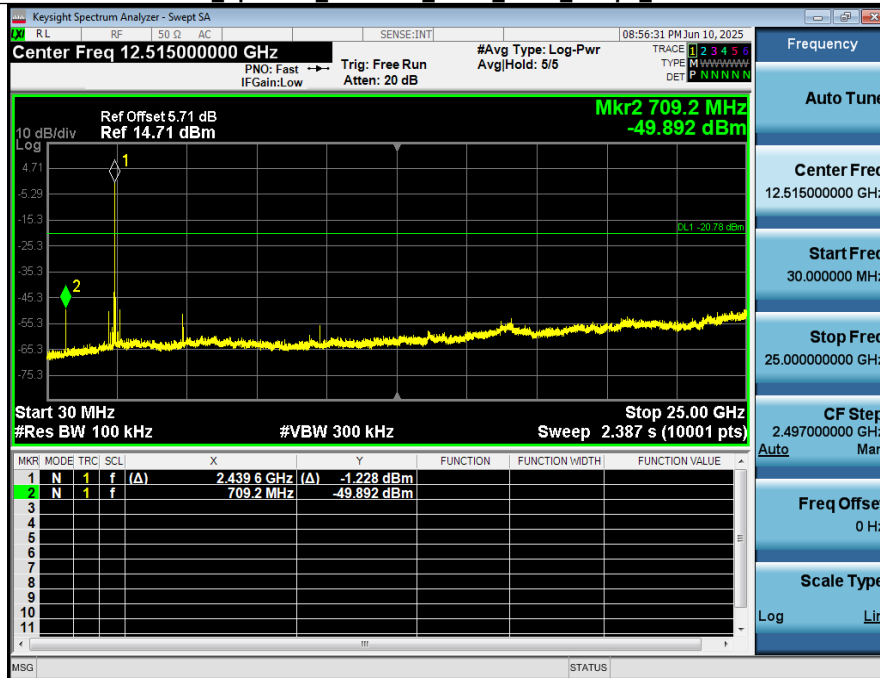
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.558	-46.941	-20.558	Pass
NVNT	ANT1	1Mbps	2440.00	-0.775	-49.892	-20.775	Pass
NVNT	ANT1	1Mbps	2480.00	-1.839	-46.694	-21.839	Pass



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

