

FCC ID:2BQYL-YX-CS2
Report No. : NCT25030953E1-1
FCC ID BLE
FCC_BLE (Part15.247) Test Data

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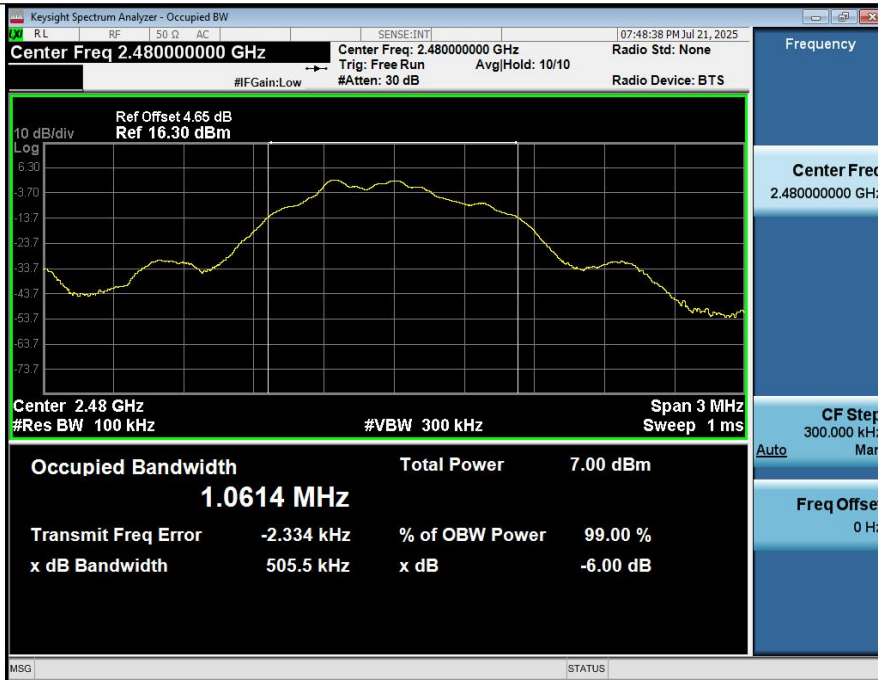
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1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	504.55	500	Pass
NVNT	ANT1	1Mbps	2440.00	507.33	500	Pass
NVNT	ANT1	1Mbps	2480.00	505.47	500	Pass

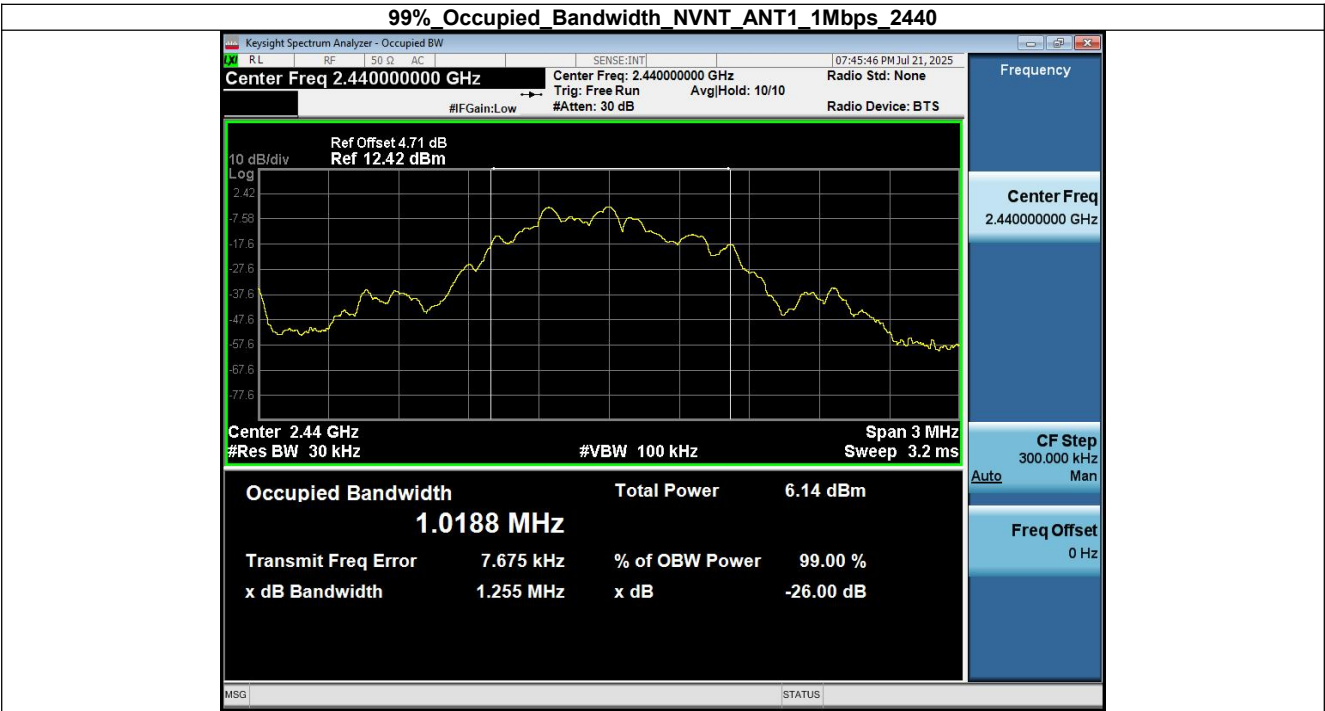


-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

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

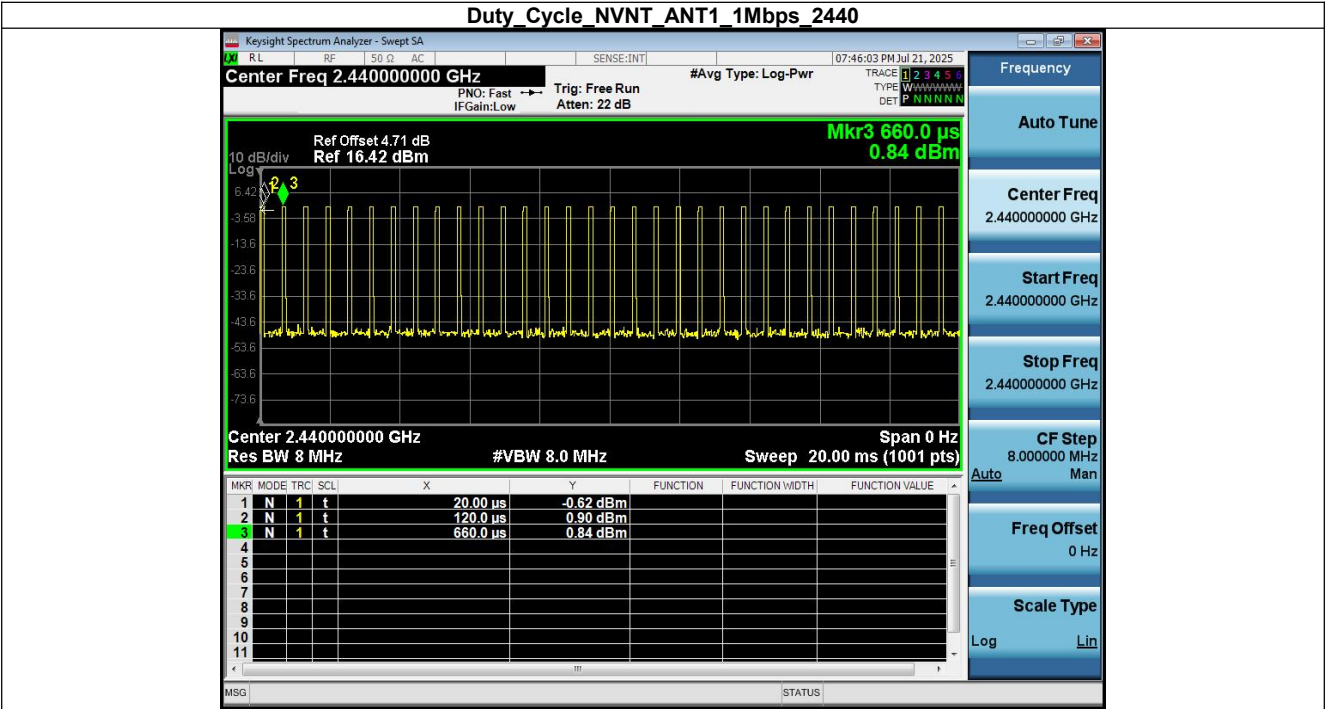
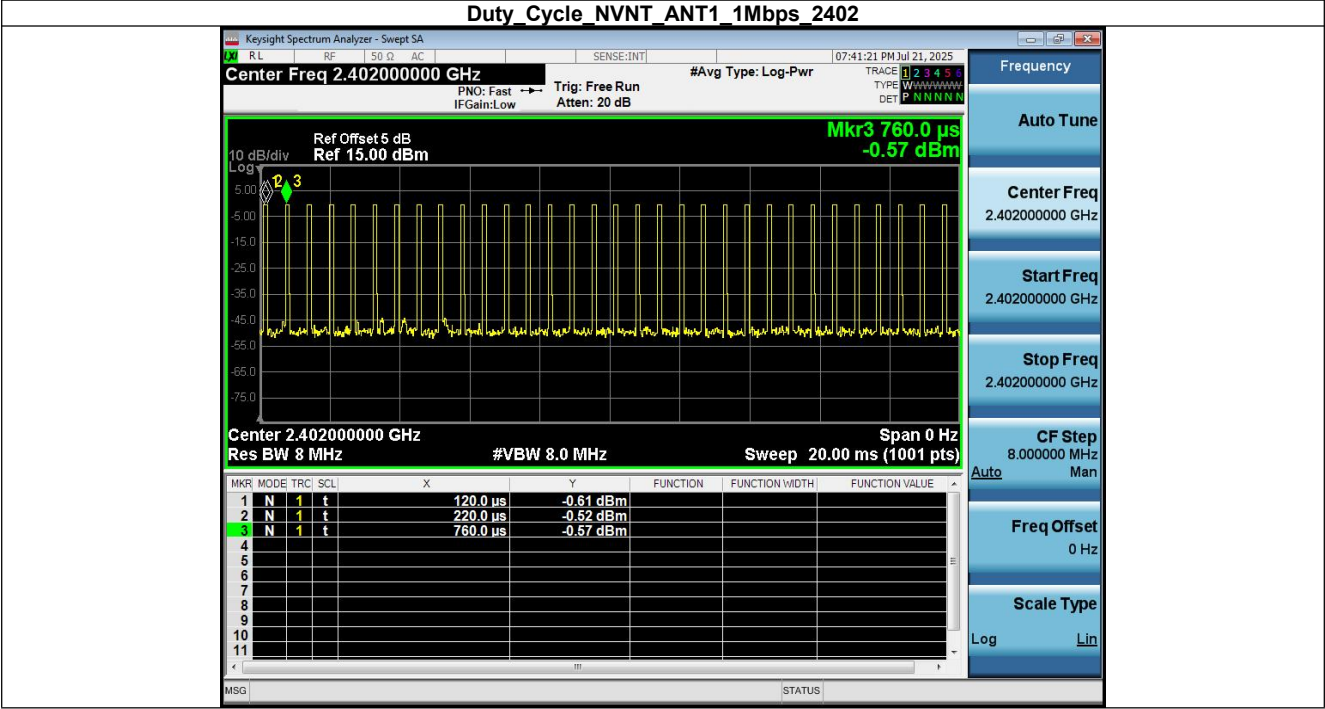


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

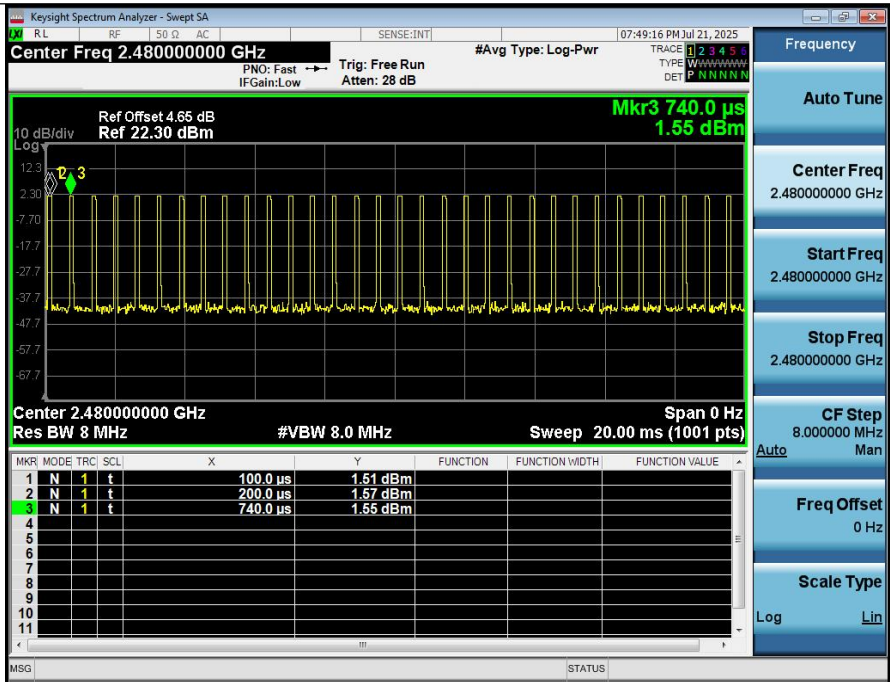


3. Duty Cycle

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

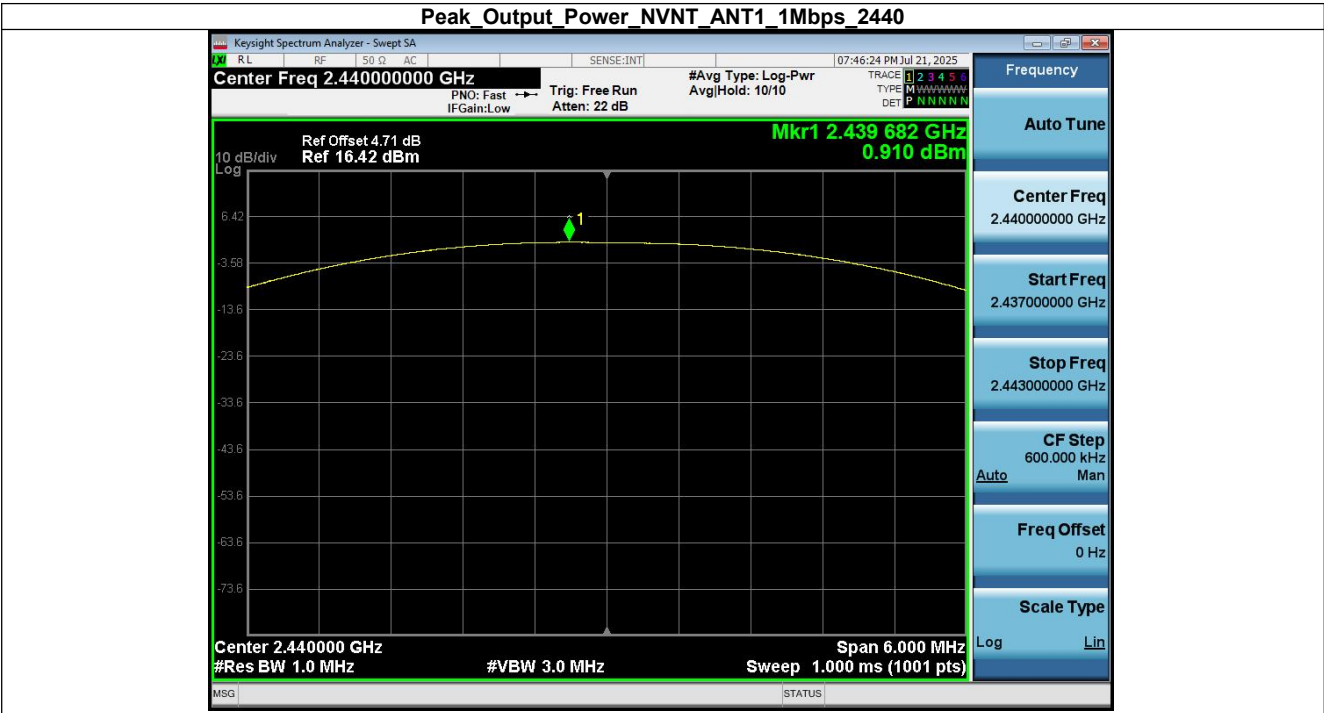
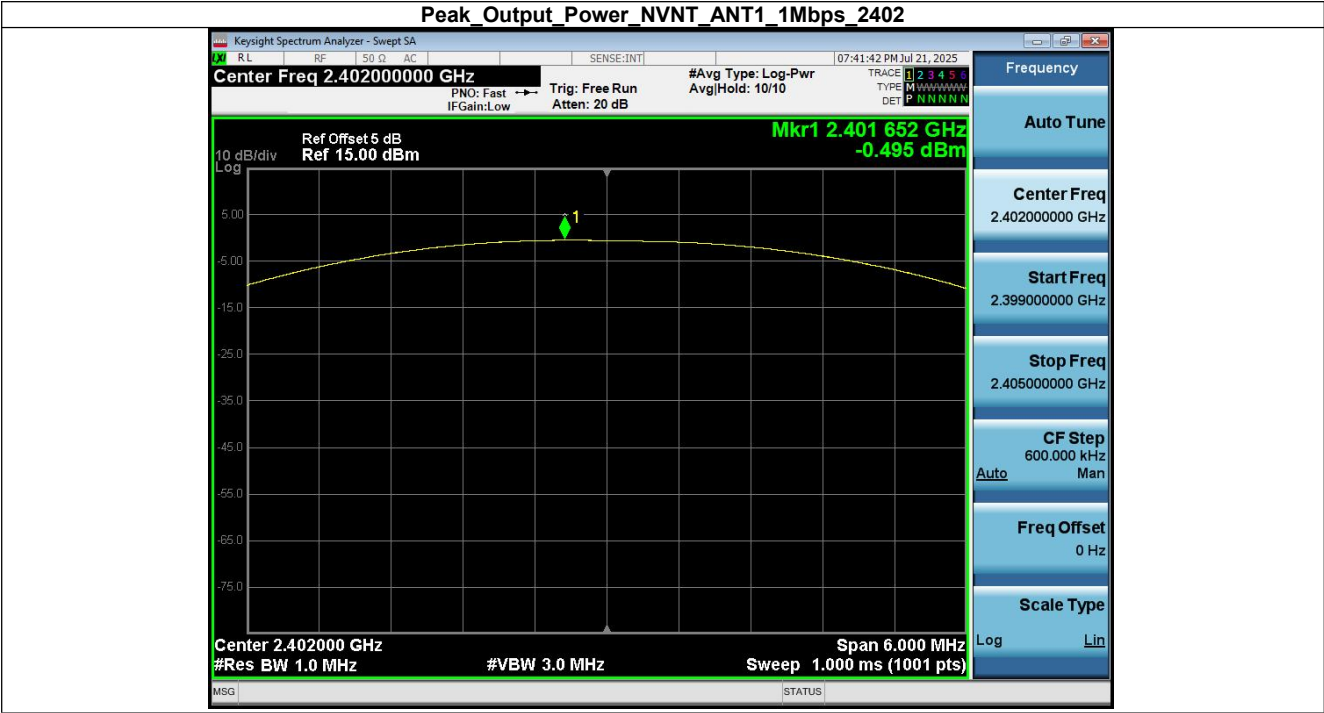


Duty Cycle_NVNT_ANT1_1Mbps_2480

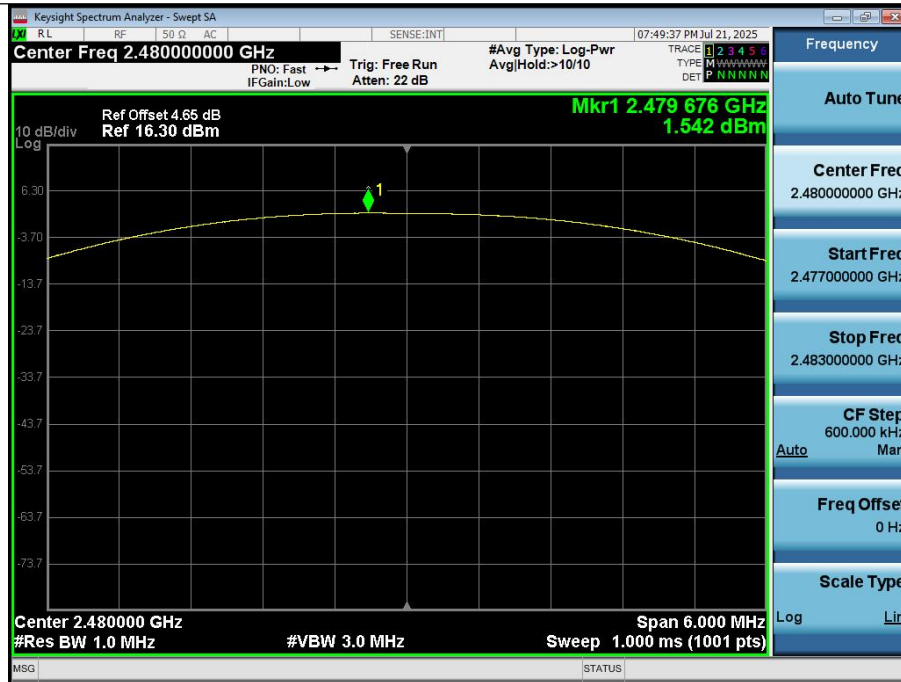


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.49	0.89	1000	Pass
NVNT	ANT1	1Mbps	2440.00	0.91	1.23	1000	Pass
NVNT	ANT1	1Mbps	2480.00	1.54	1.43	1000	Pass

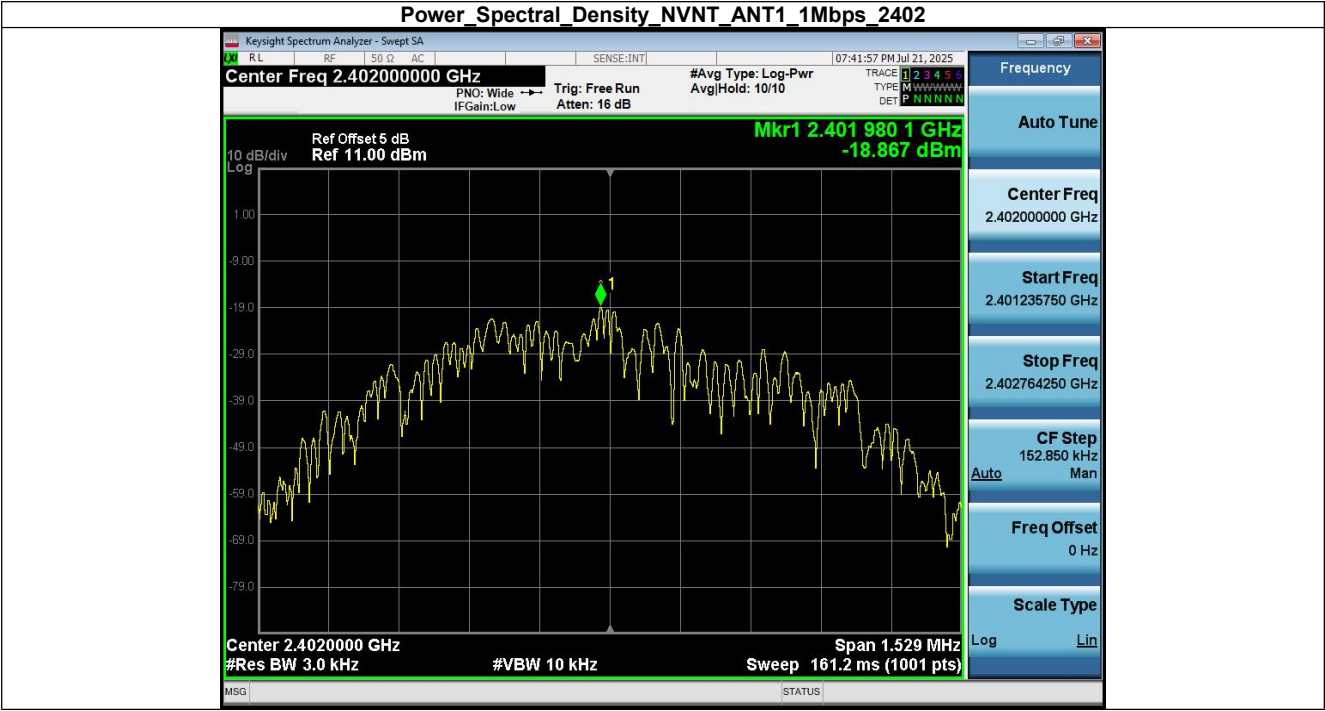


Peak_Output_Power_NVNT_ANT1_1Mbps_2480

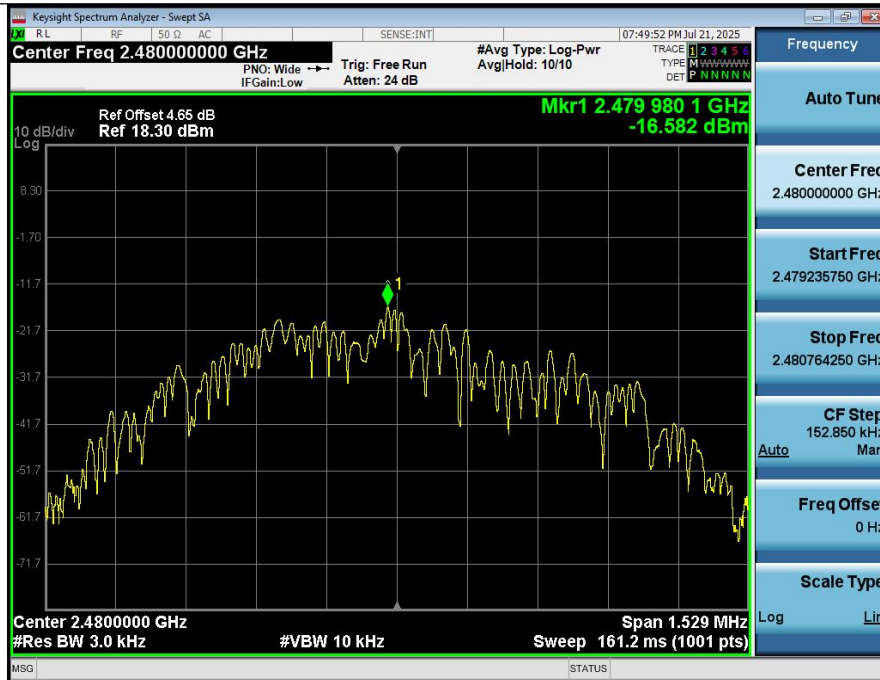


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-18.87	8	Pass
NVNT	ANT1	1Mbps	2440.00	-17.43	8	Pass
NVNT	ANT1	1Mbps	2480.00	-16.58	8	Pass

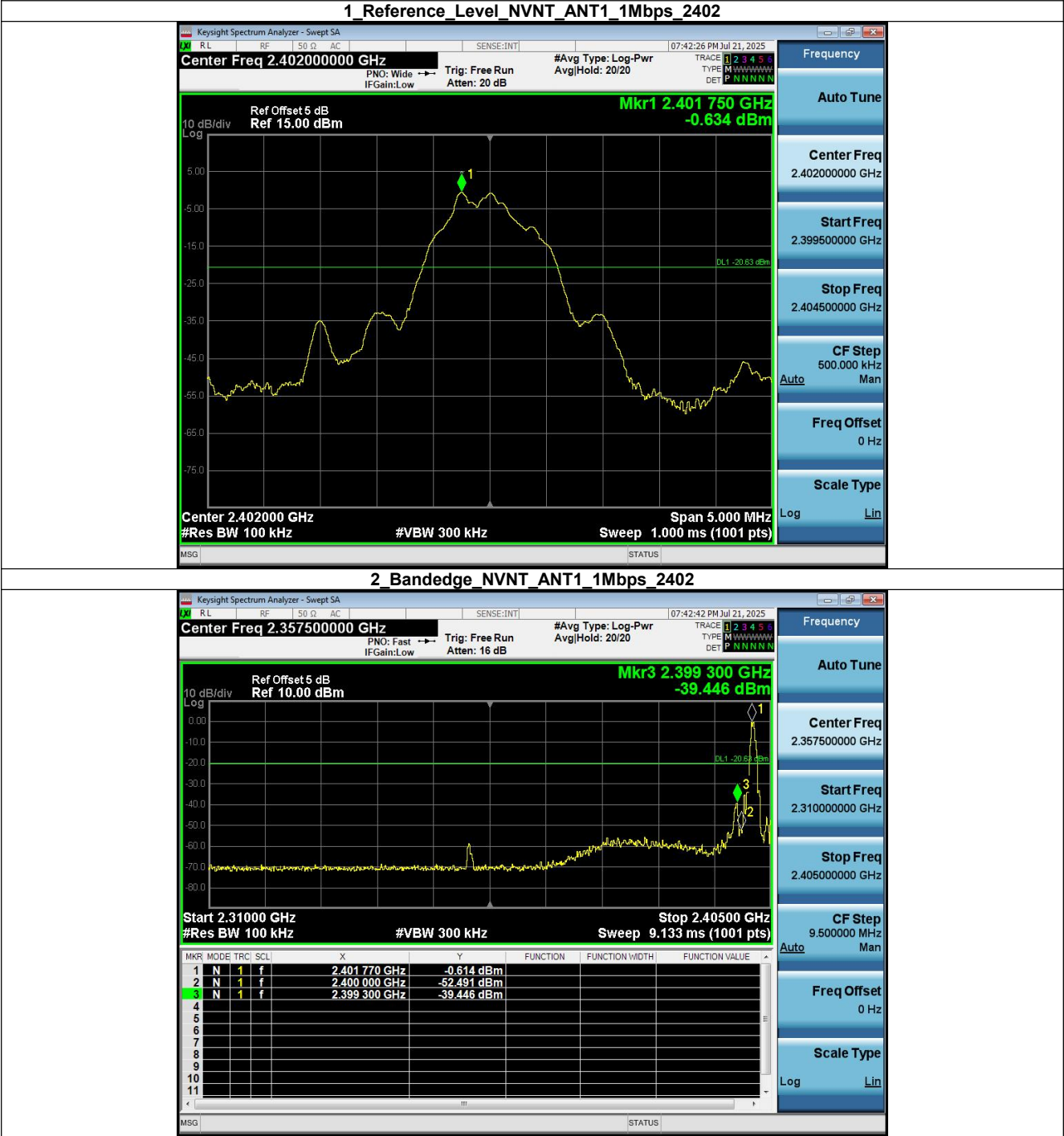


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



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	2399.300	-0.634	-39.446	-20.634	Pass
NVNT	ANT1	1Mbps	2480.00	2483.575	1.443	-51.479	-18.557	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480

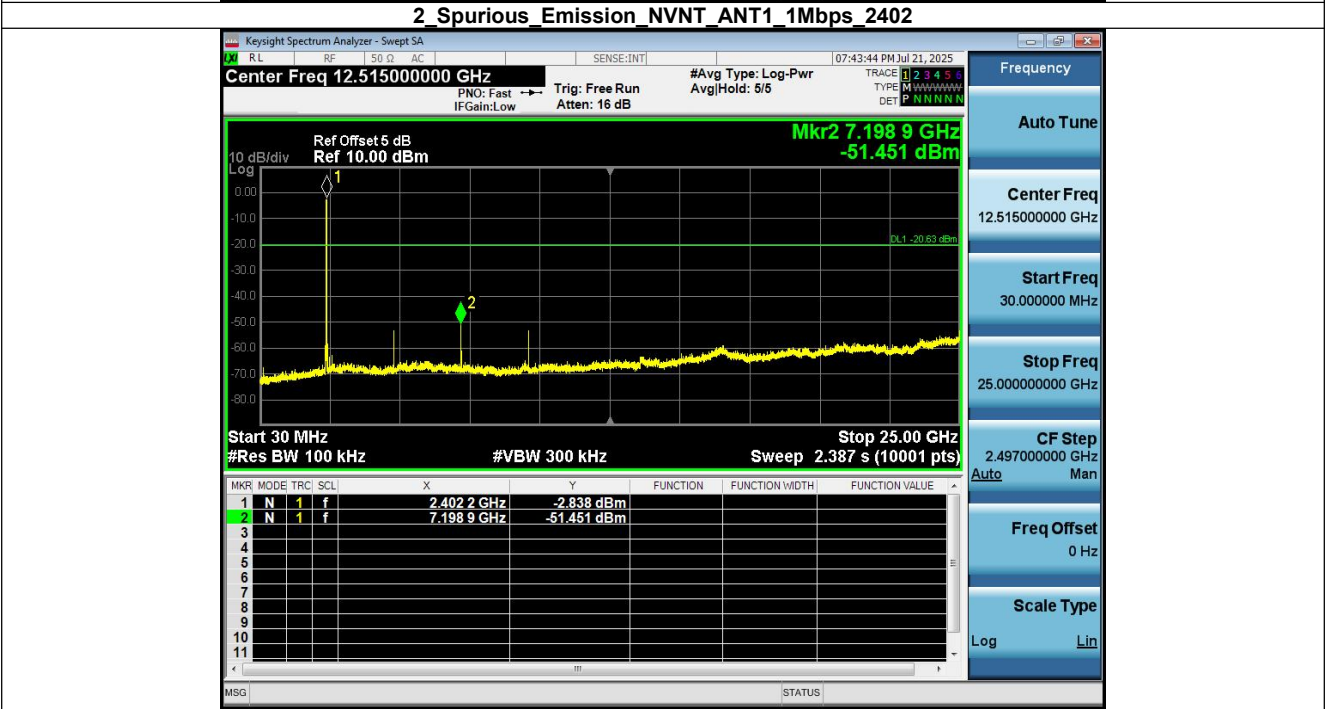


2_Bandedge_NVNT_ANT1_1Mbps_2480

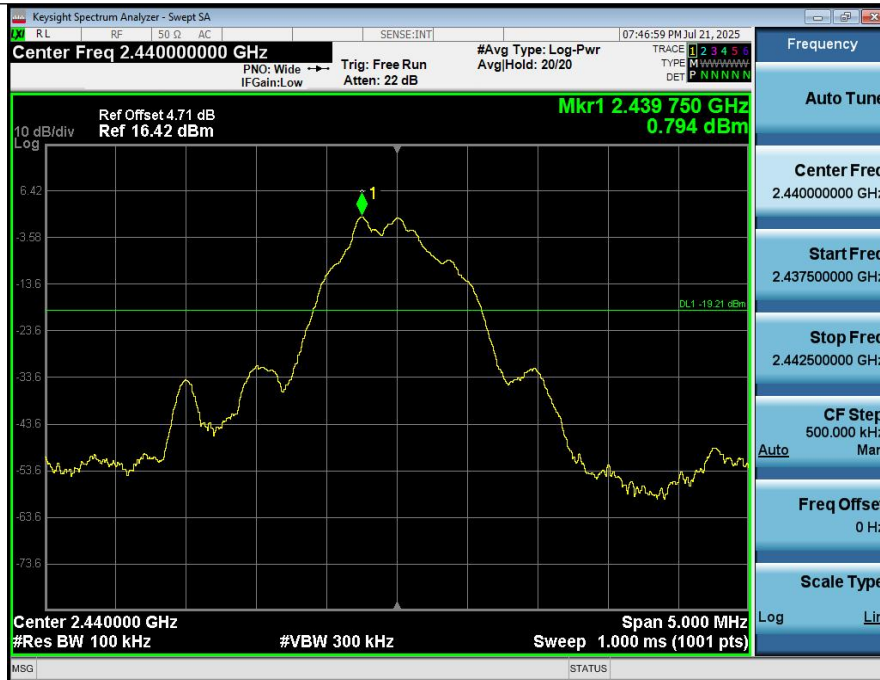


7. Spurious Emission

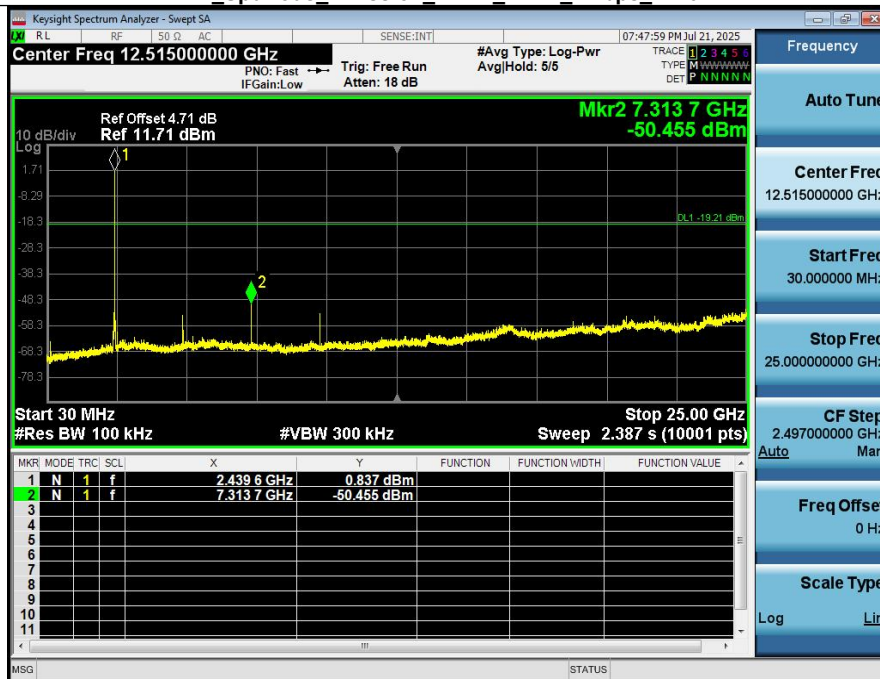
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.634	-51.451	-20.634	Pass
NVNT	ANT1	1Mbps	2440.00	0.794	-50.455	-19.206	Pass
NVNT	ANT1	1Mbps	2480.00	1.443	-51.066	-18.557	Pass



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

