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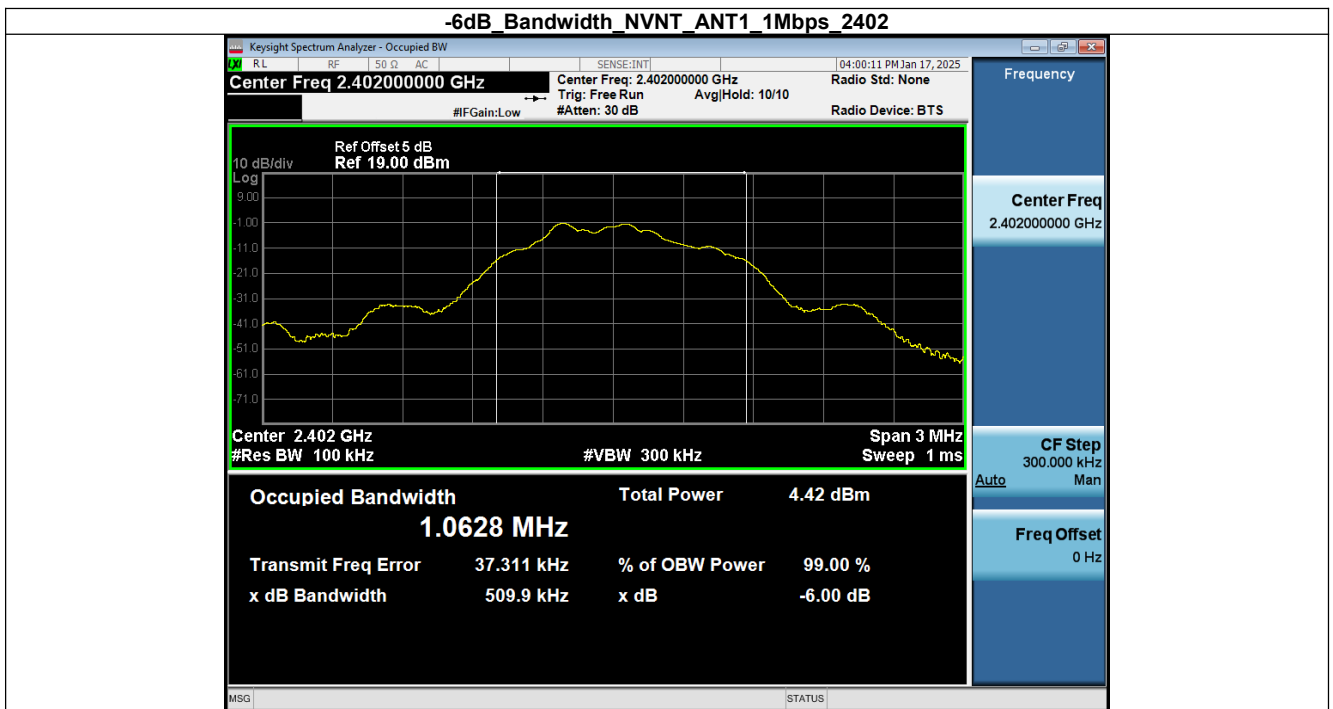
Report No.:NCT24051452E1-1

FCC ID:2BMXP-BTW055PRO

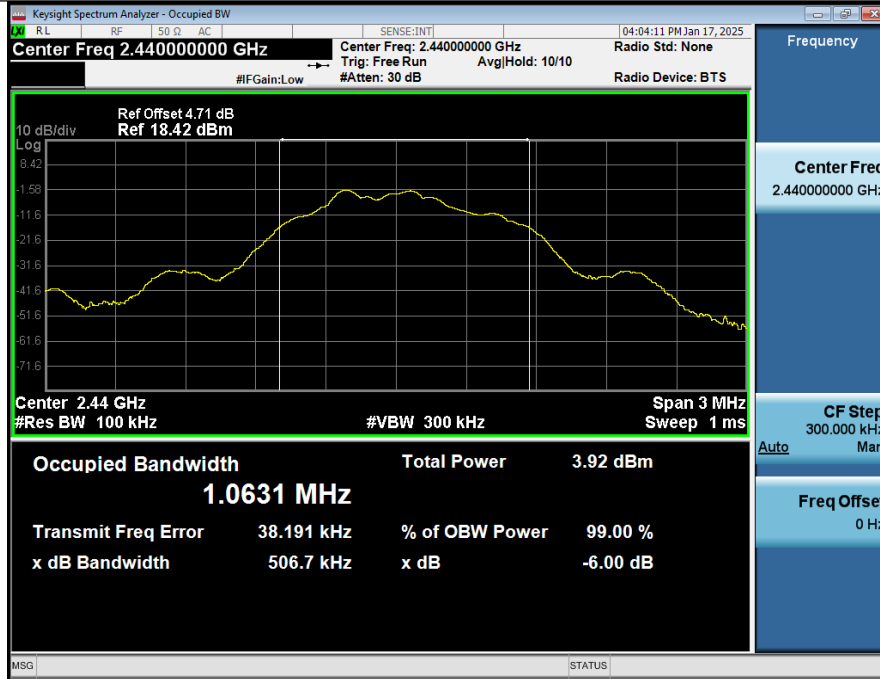
FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

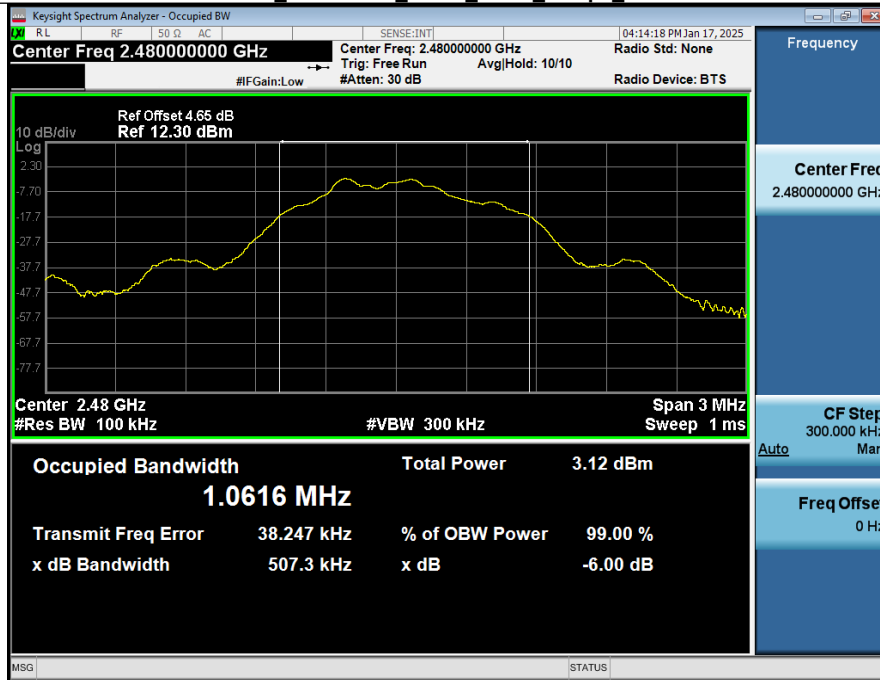
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	509.91	500	Pass
NVNT	ANT1	1Mbps	2440.00	506.73	500	Pass
NVNT	ANT1	1Mbps	2480.00	507.29	500	Pass



-6dB Bandwidth NVNT_ANT1_1Mbps_2440

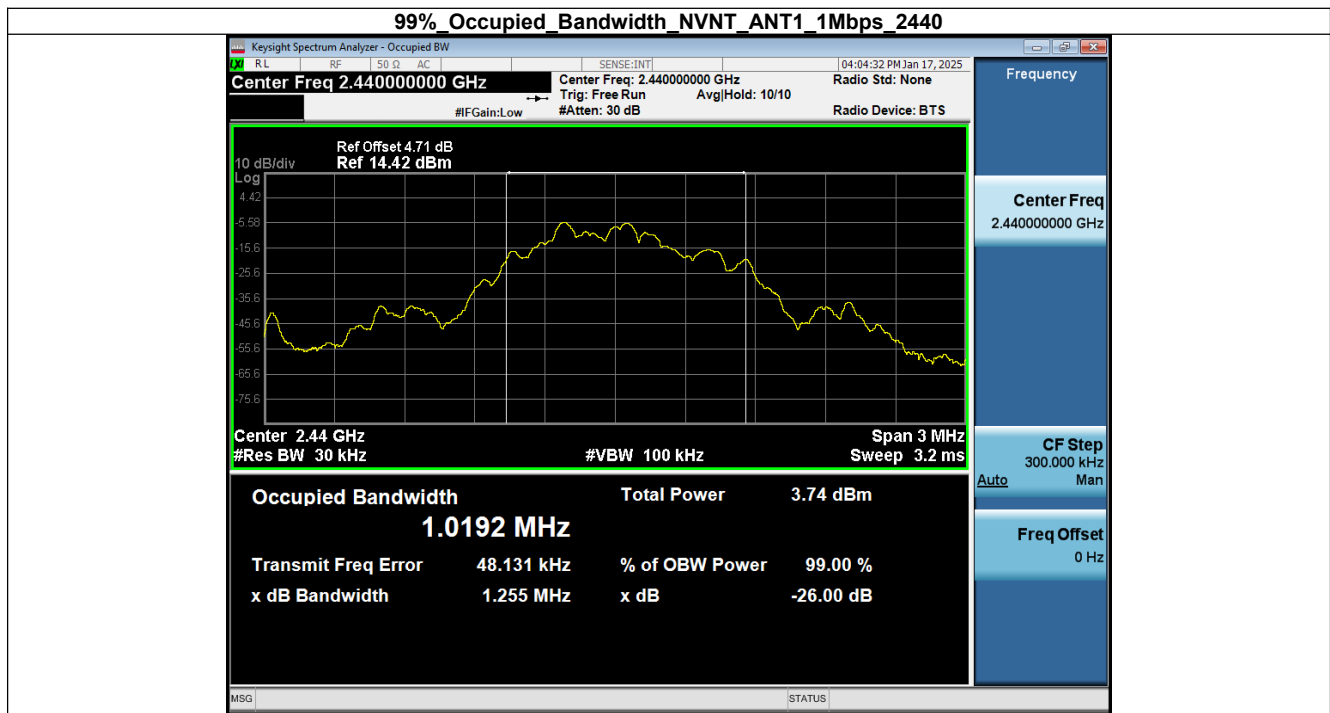


-6dB Bandwidth NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

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

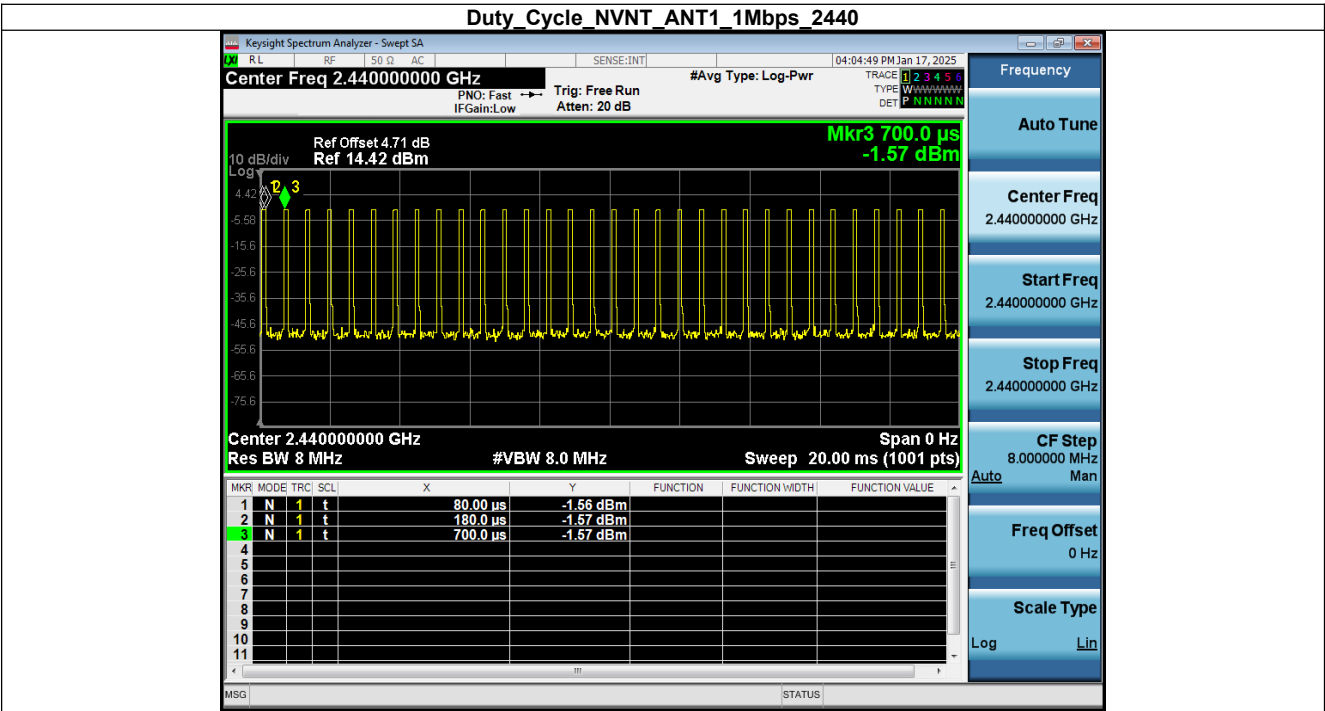
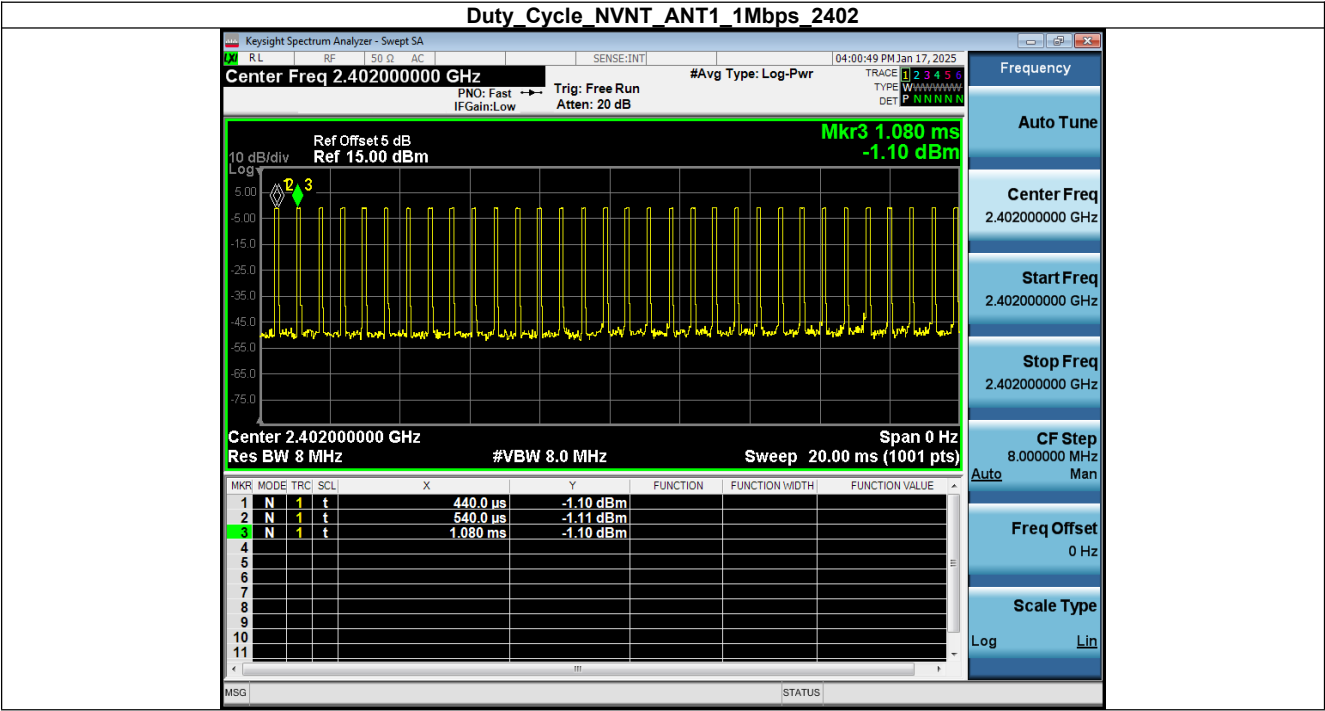


99% Occupied Bandwidth NVNT_ANT1_1Mbps_2480

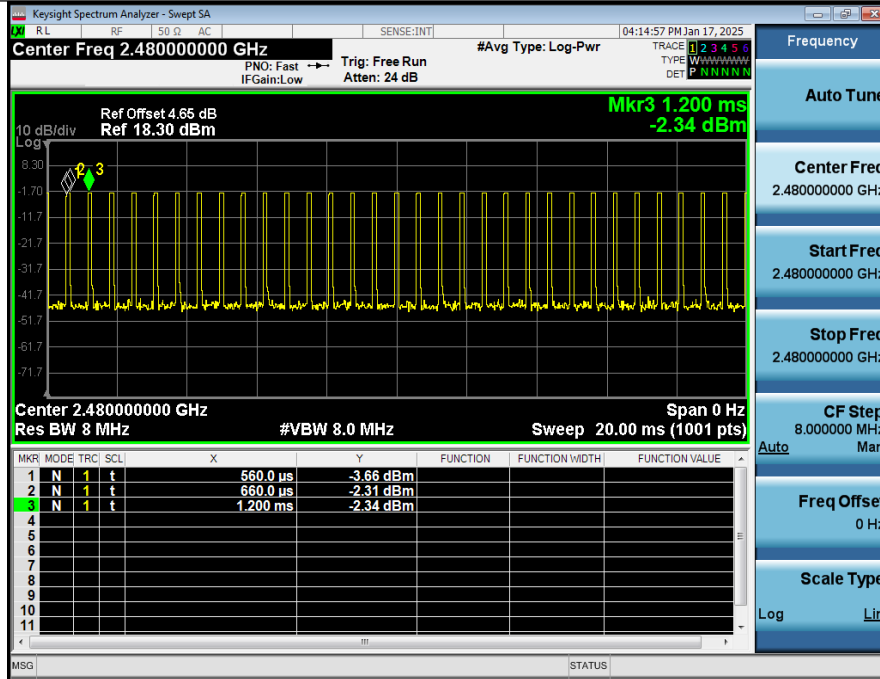


3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	15.62	8.06
NVNT	ANT1	1Mbps	2440.00	16.13	7.92
NVNT	ANT1	1Mbps	2480.00	18.75	7.27

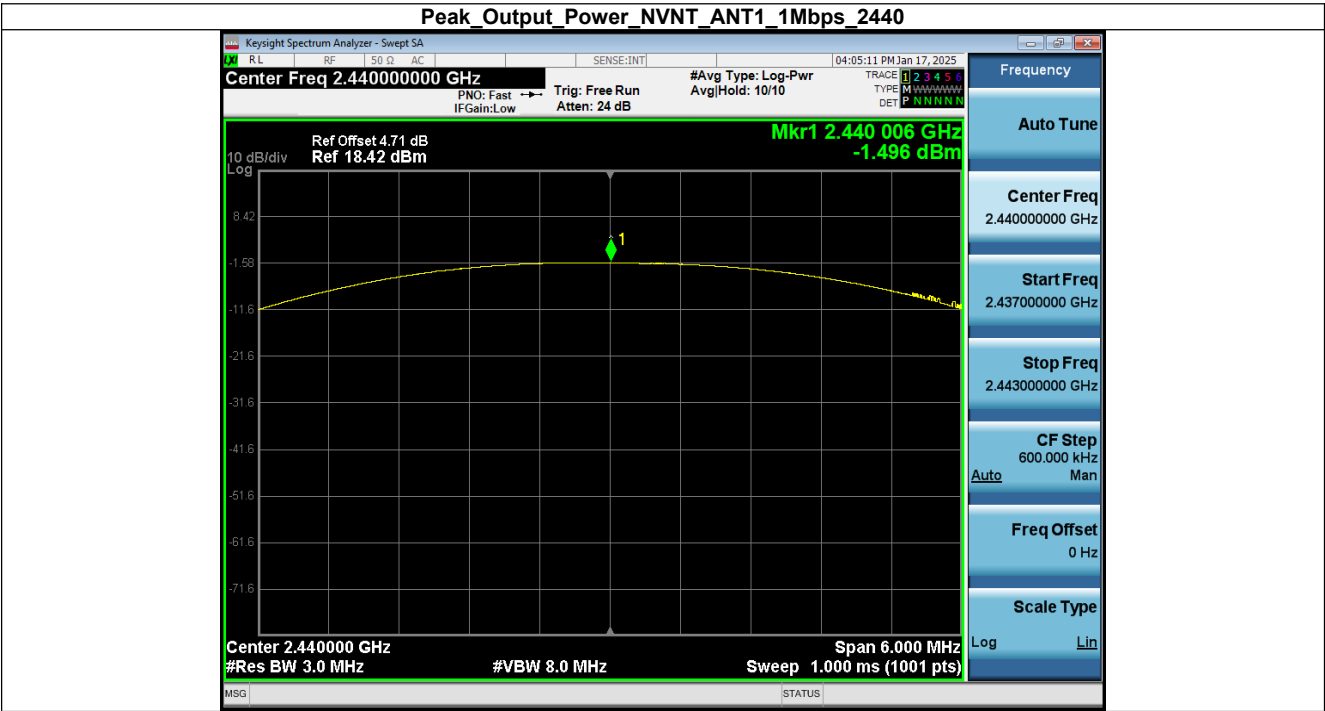
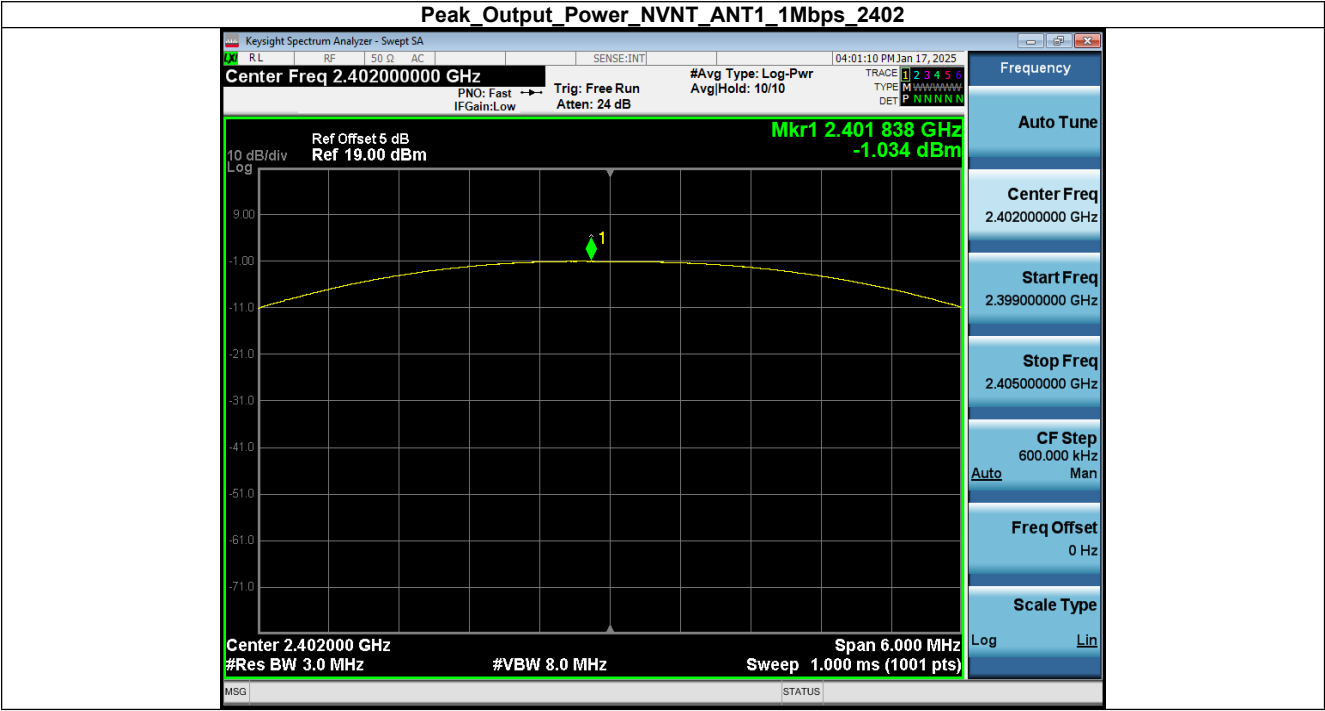


Duty Cycle_NVNT_ANT1_1Mbps_2480

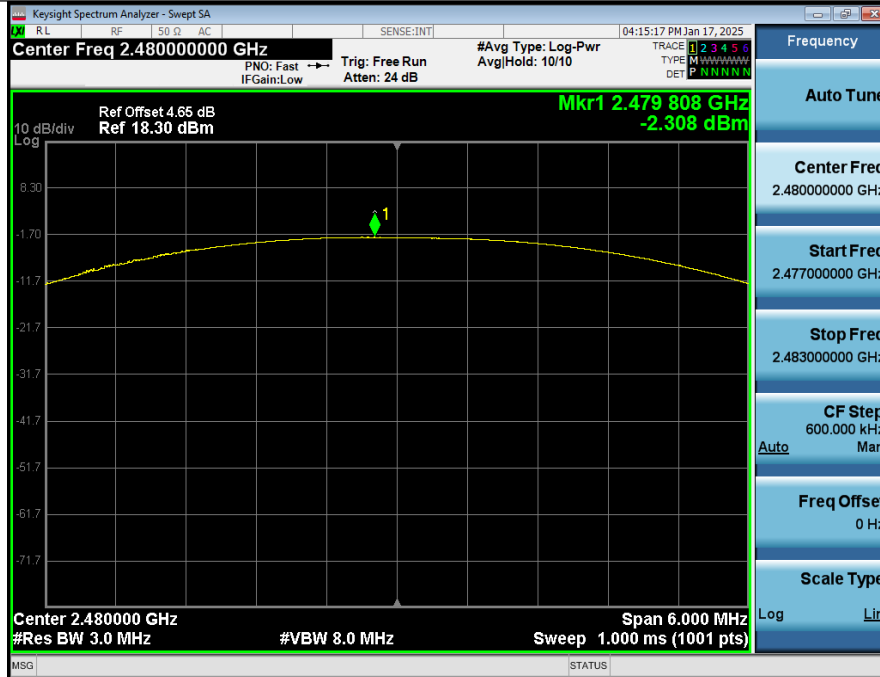


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-1.03	0.79	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.50	0.71	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-2.31	0.59	1000	Pass

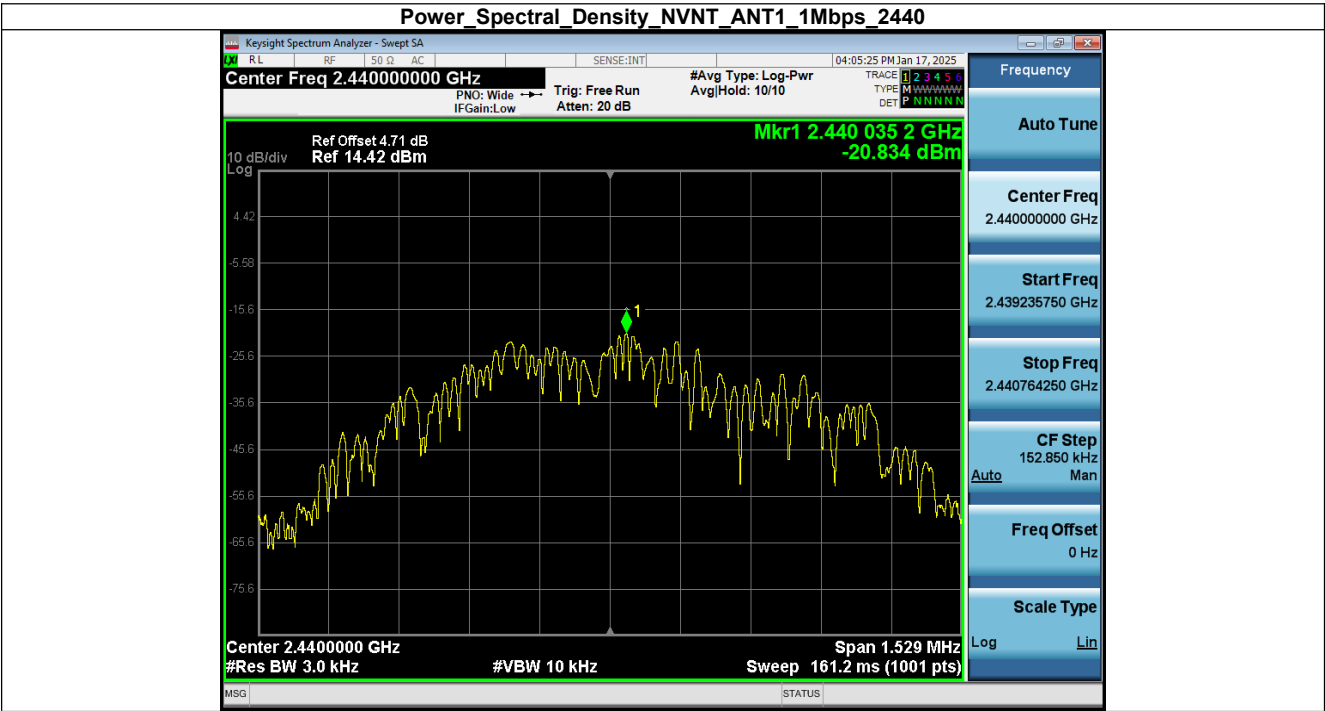
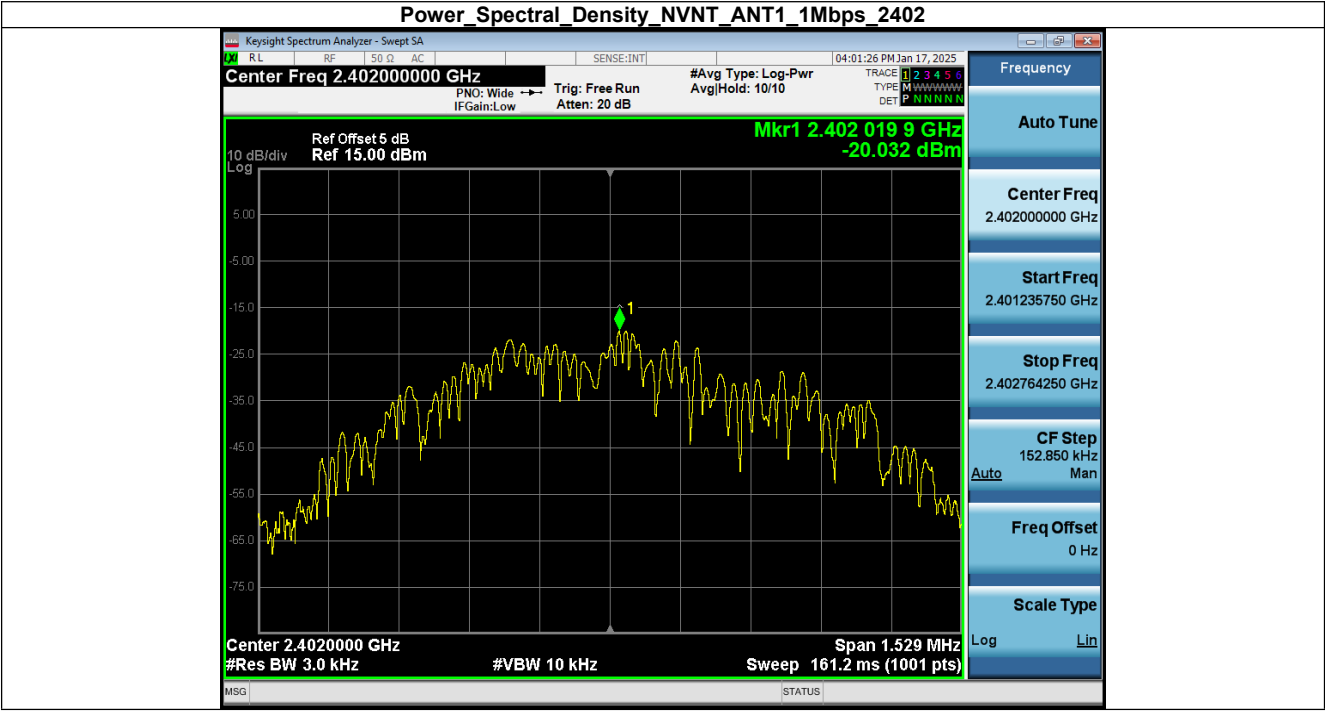


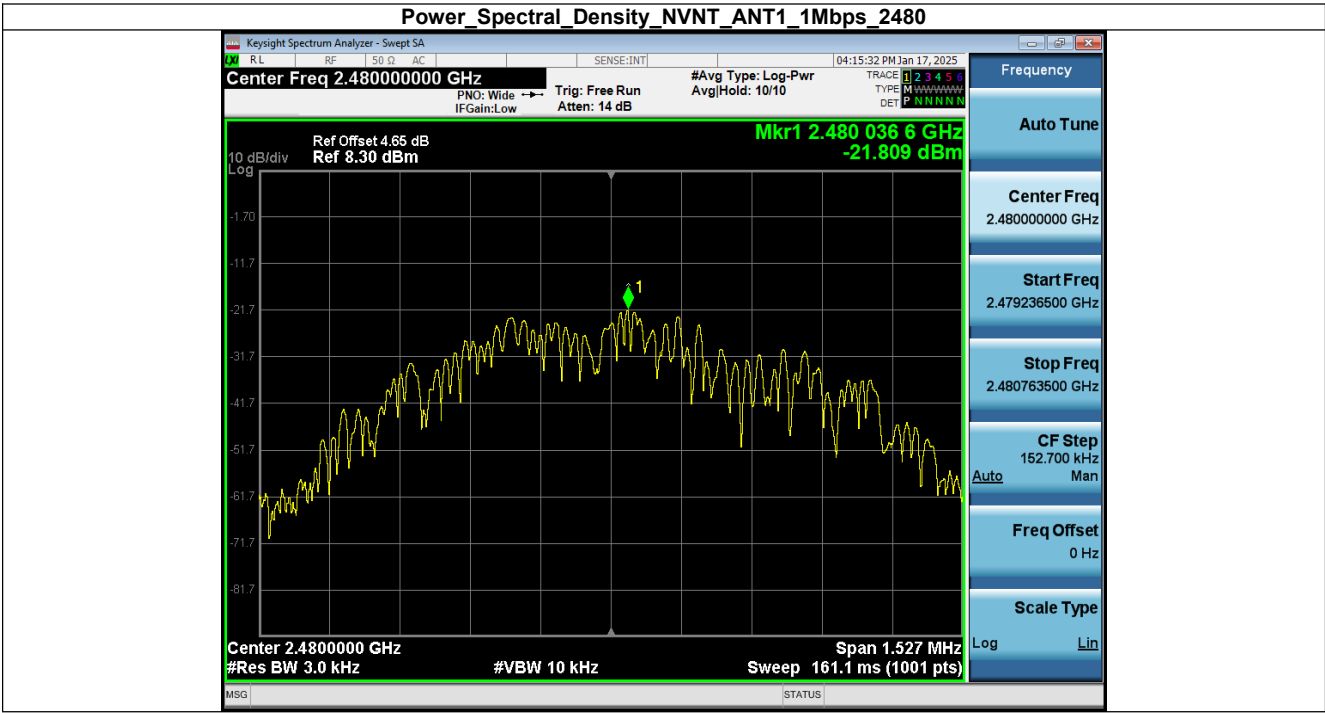
Peak_Output_Power_NVNT_ANT1_1Mbps_2480



5. Power Spectral Density

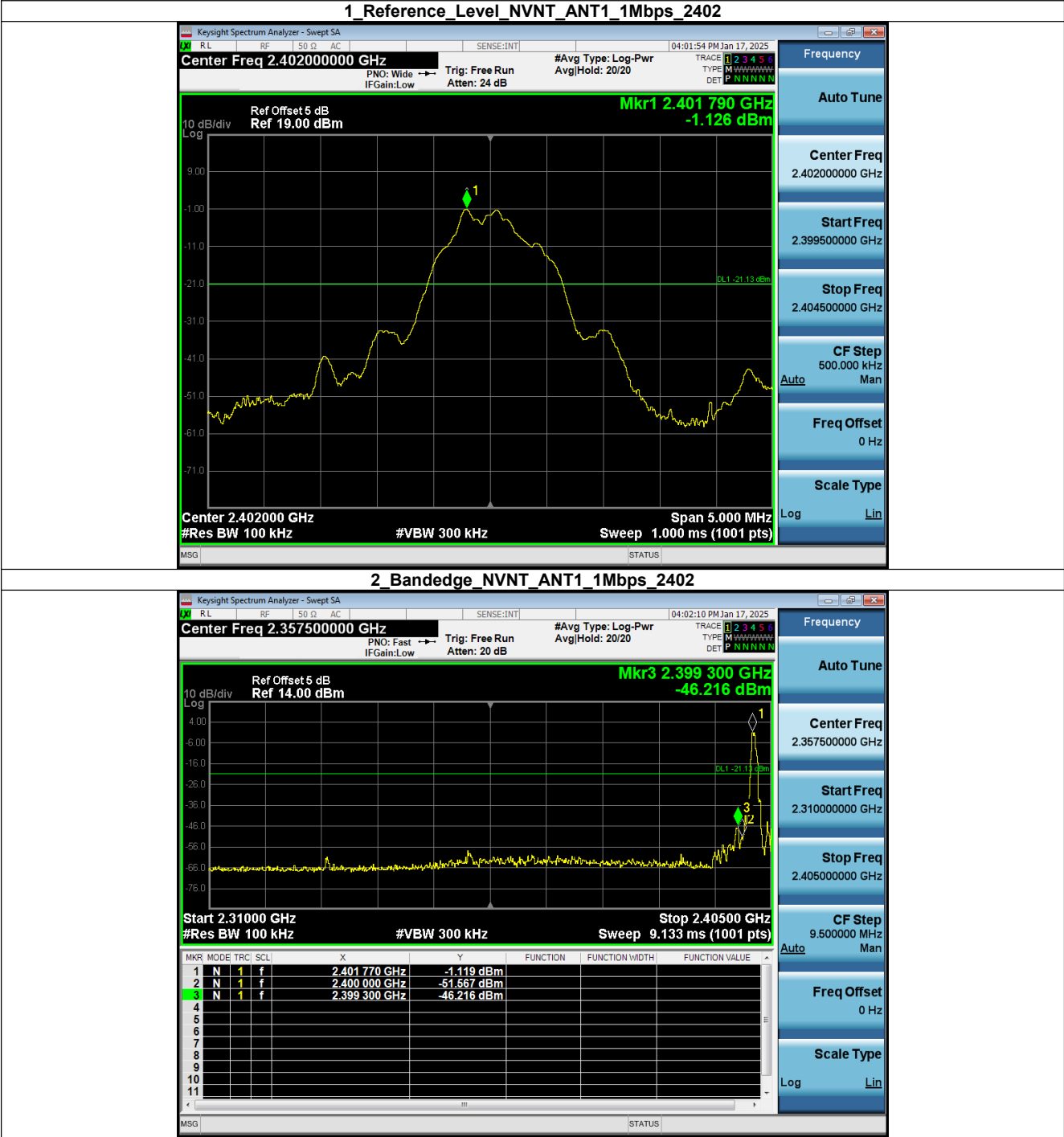
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-20.03	8	Pass
NVNT	ANT1	1Mbps	2440.00	-20.83	8	Pass
NVNT	ANT1	1Mbps	2480.00	-21.81	8	Pass





6. Bandedge

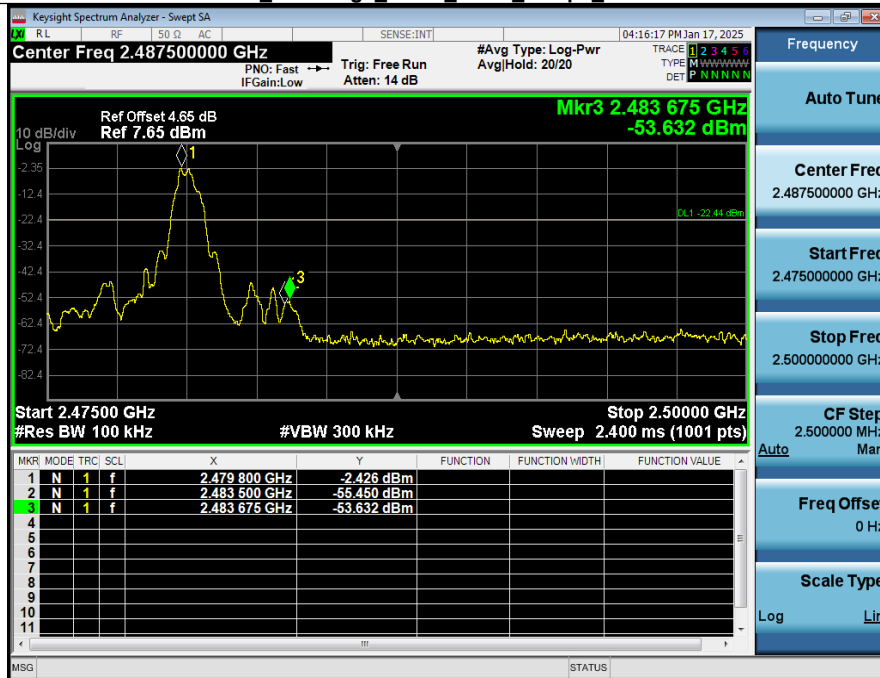
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.300	-1.126	-46.216	-21.126	Pass
NVNT	ANT1	1Mbps	2480.00	2483.675	-2.443	-53.632	-22.443	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2480

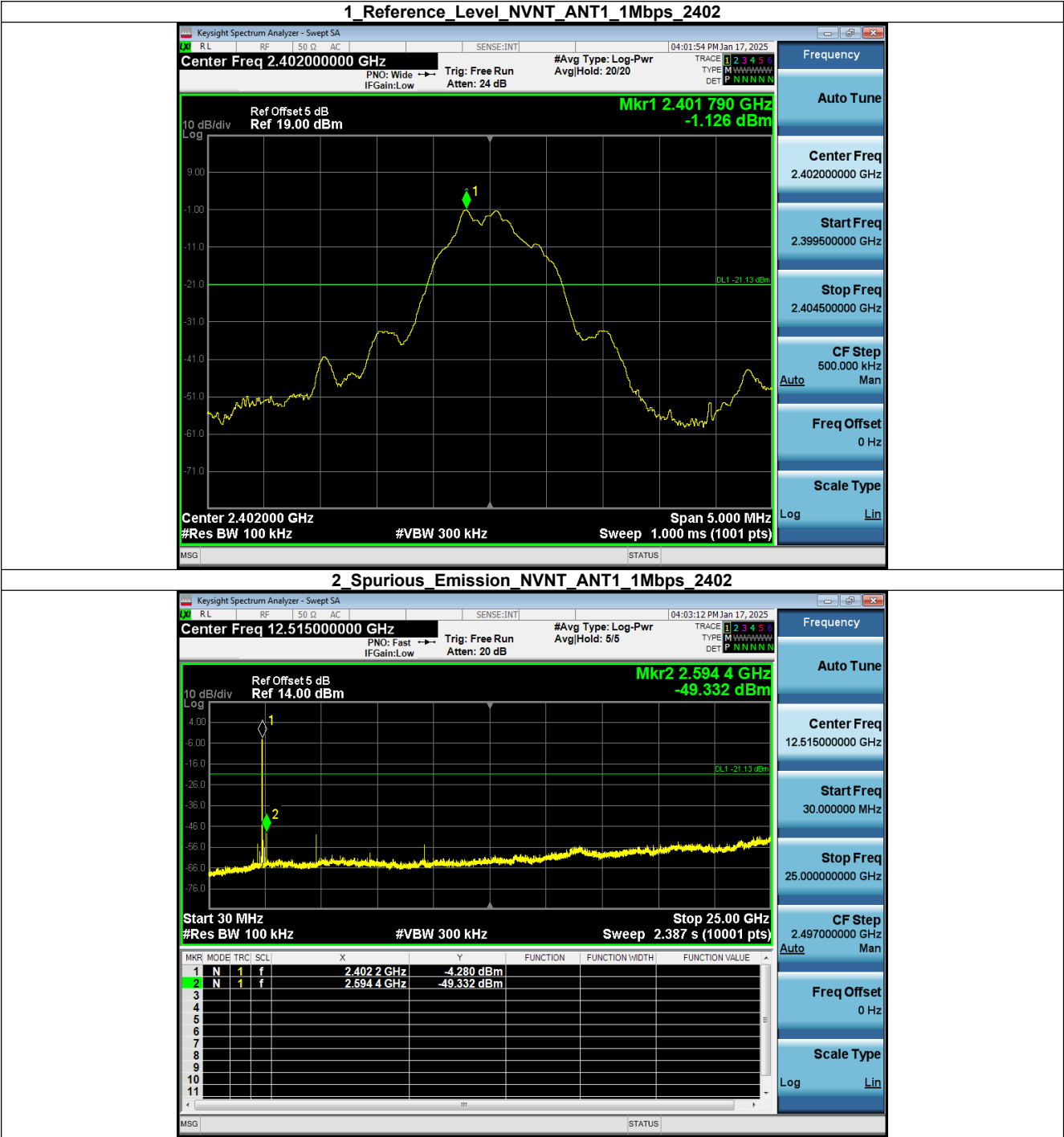


2 Bandedge_NVNT_ANT1_1Mbps_2480



7. Spurious Emission

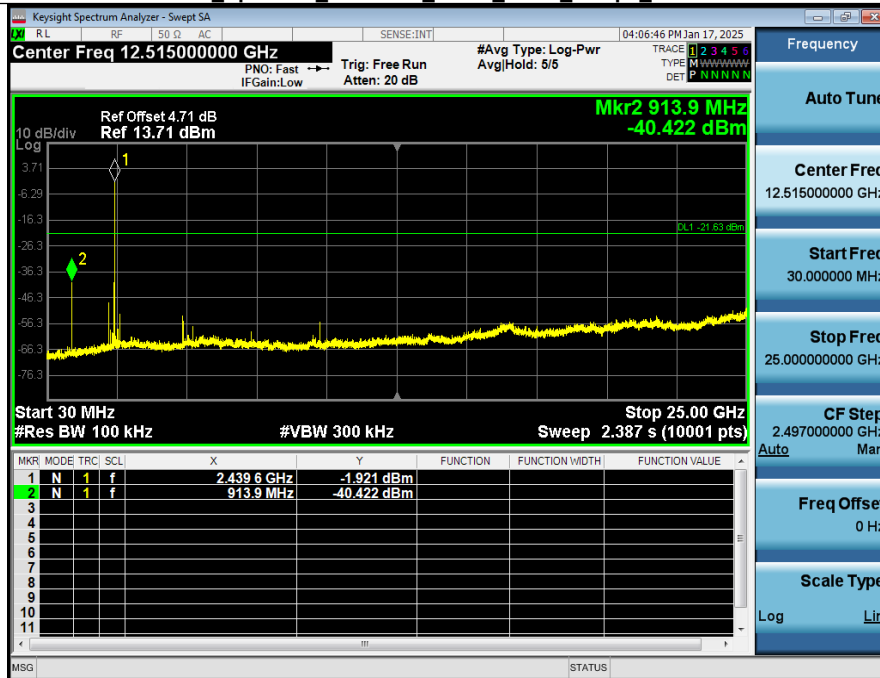
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-1.126	-49.332	-21.126	Pass
NVNT	ANT1	1Mbps	2440.00	-1.627	-40.422	-21.627	Pass
NVNT	ANT1	1Mbps	2480.00	-2.443	-49.153	-22.443	Pass



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

