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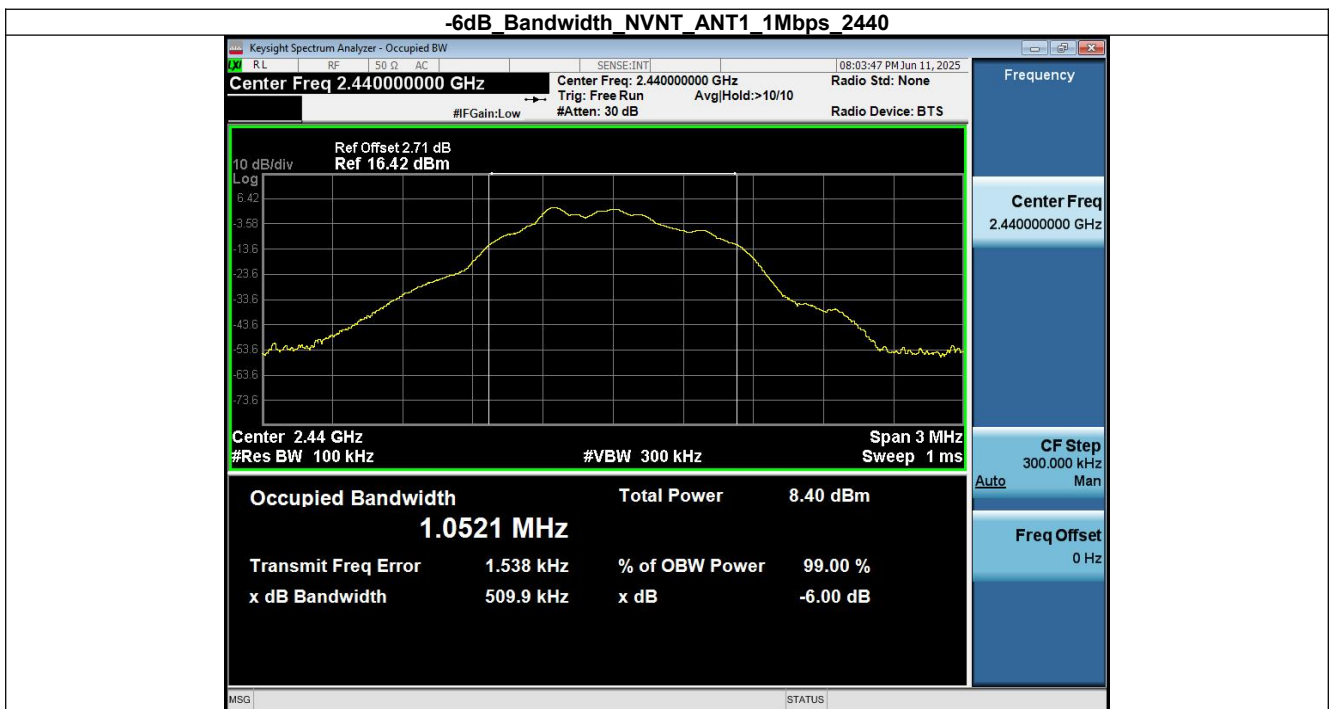
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FCC ID:2BC96NI-8331

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

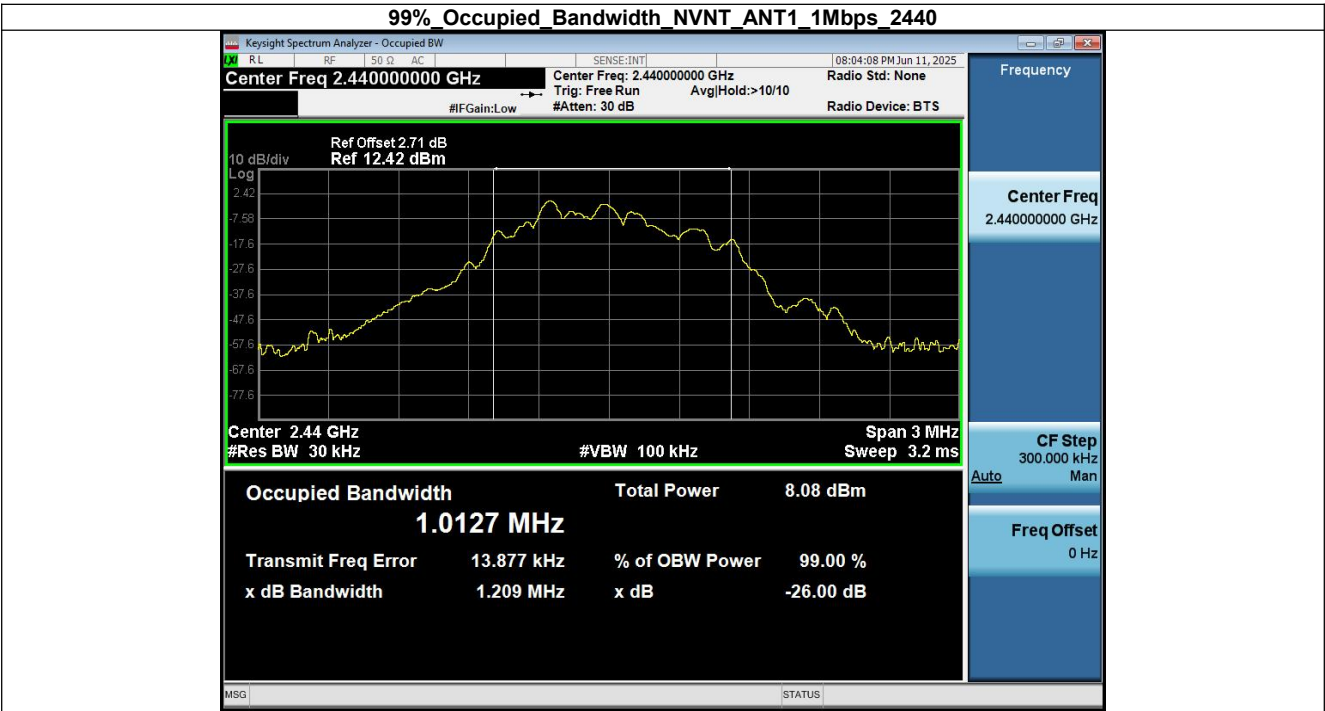
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	507.25	500	Pass
NVNT	ANT1	1Mbps	2440.00	509.88	500	Pass
NVNT	ANT1	1Mbps	2480.00	507.71	500	Pass





2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.012
NVNT	ANT1	1Mbps	2440.00	1.013
NVNT	ANT1	1Mbps	2480.00	1.014

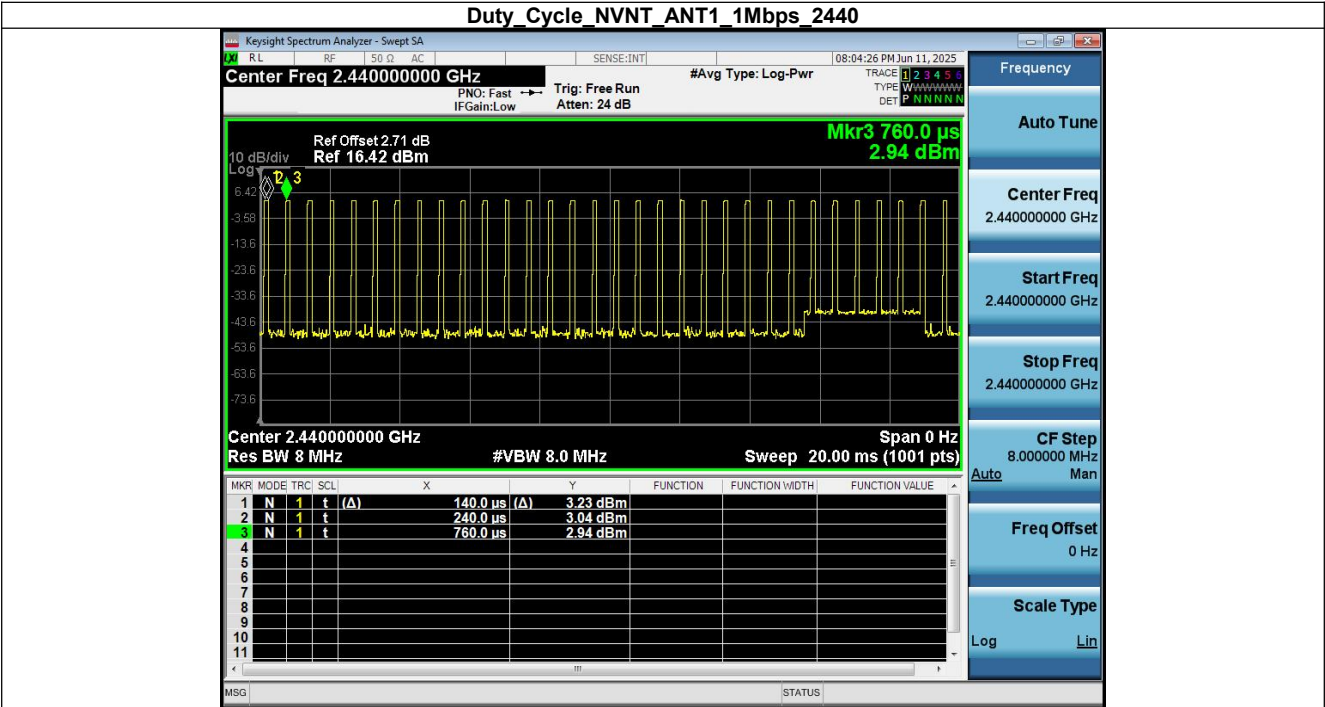
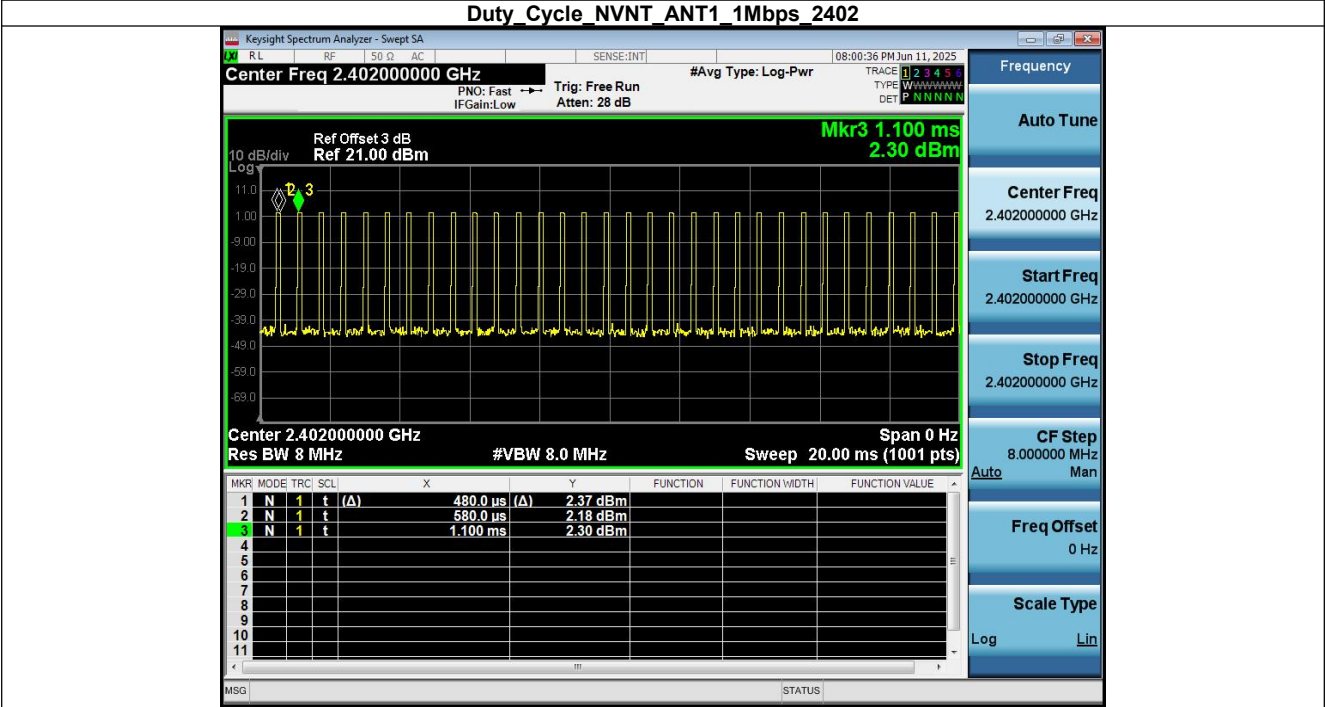


99% Occupied Bandwidth NVNT ANT1 1Mbps 2480

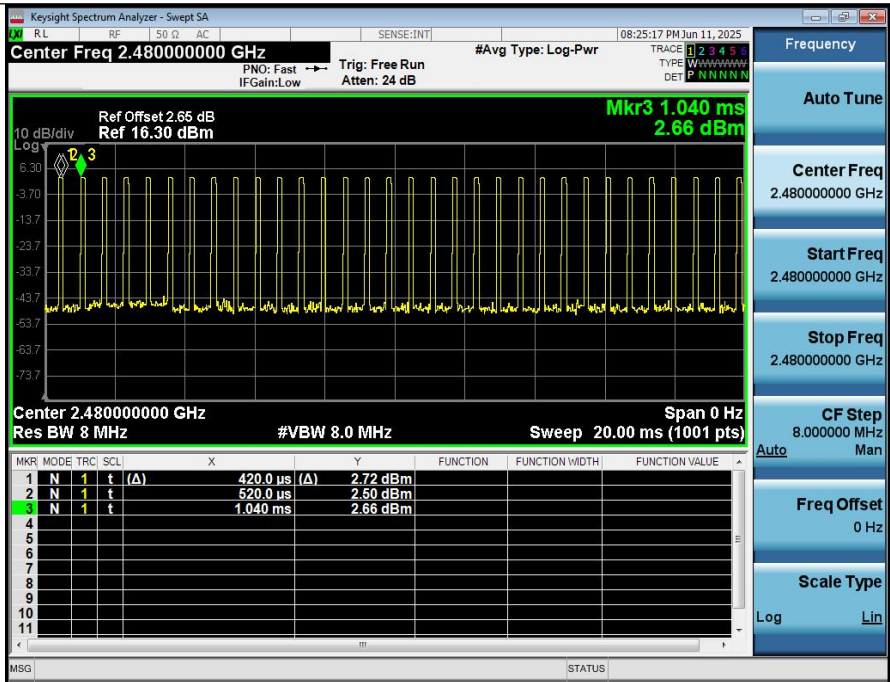


3. Duty Cycle

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

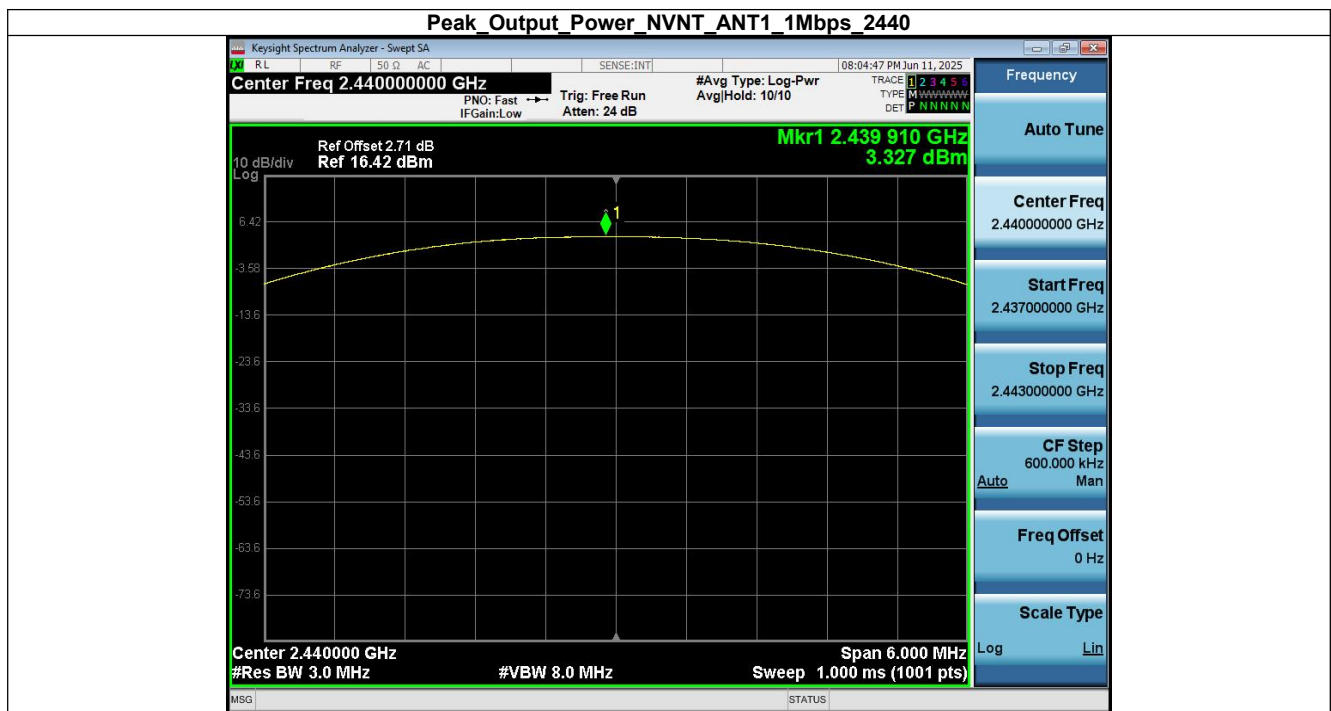
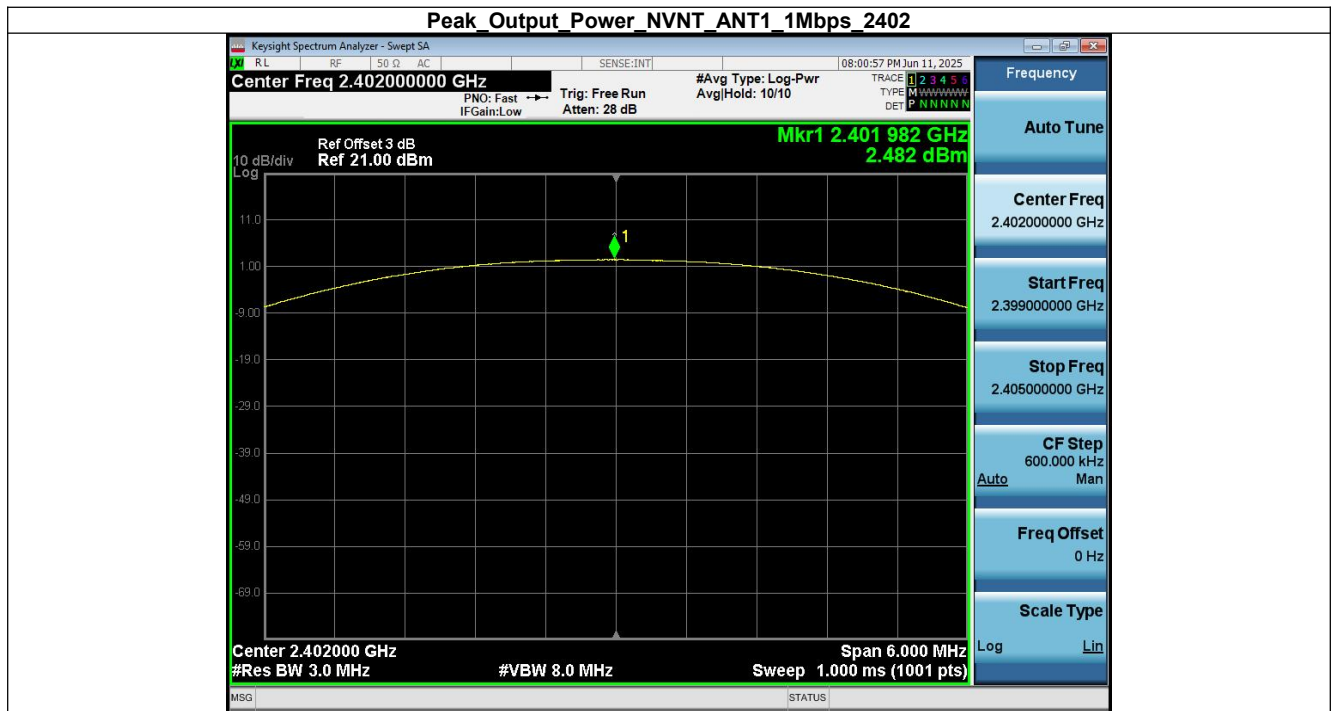


Duty Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power limit(dBm)	Antenna Gain (dBi)	EIRP(dBm)	EIRP Limit (dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2.48	30	2.499	4.979	36	Pass
NVNT	ANT1	1Mbps	2440.00	3.33	30	2.499	5.829	36	Pass
NVNT	ANT1	1Mbps	2480.00	2.83	30	2.499	5.329	36	Pass

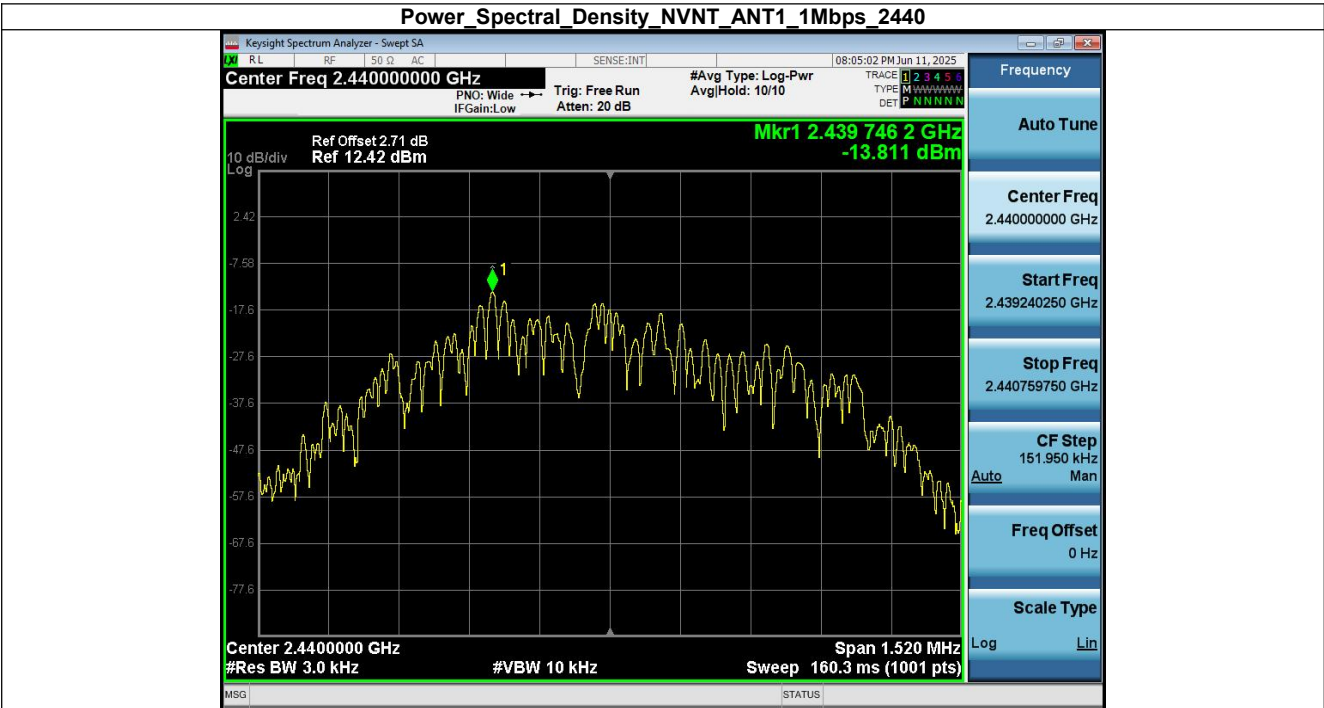
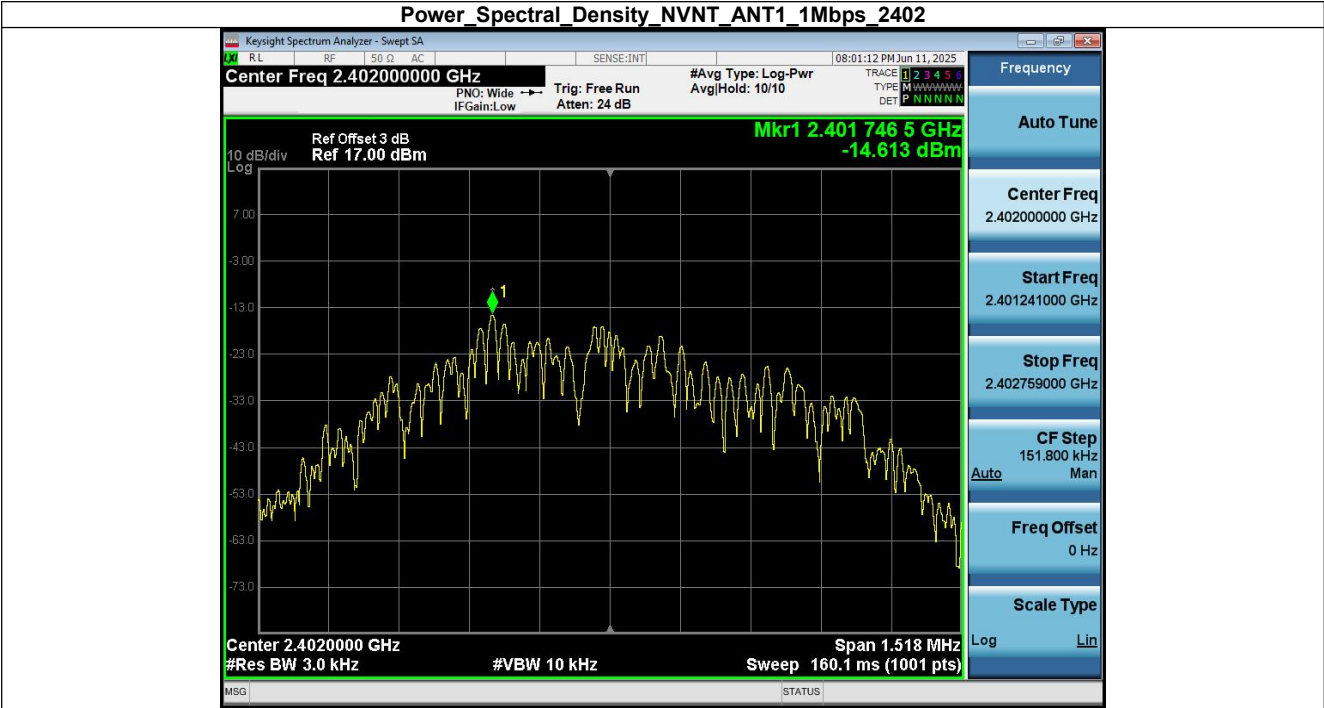


Peak Output Power NVNT ANT1 1Mbps	2480
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5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-14.61	8	Pass
NVNT	ANT1	1Mbps	2440.00	-13.81	8	Pass
NVNT	ANT1	1Mbps	2480.00	-14.30	8	Pass

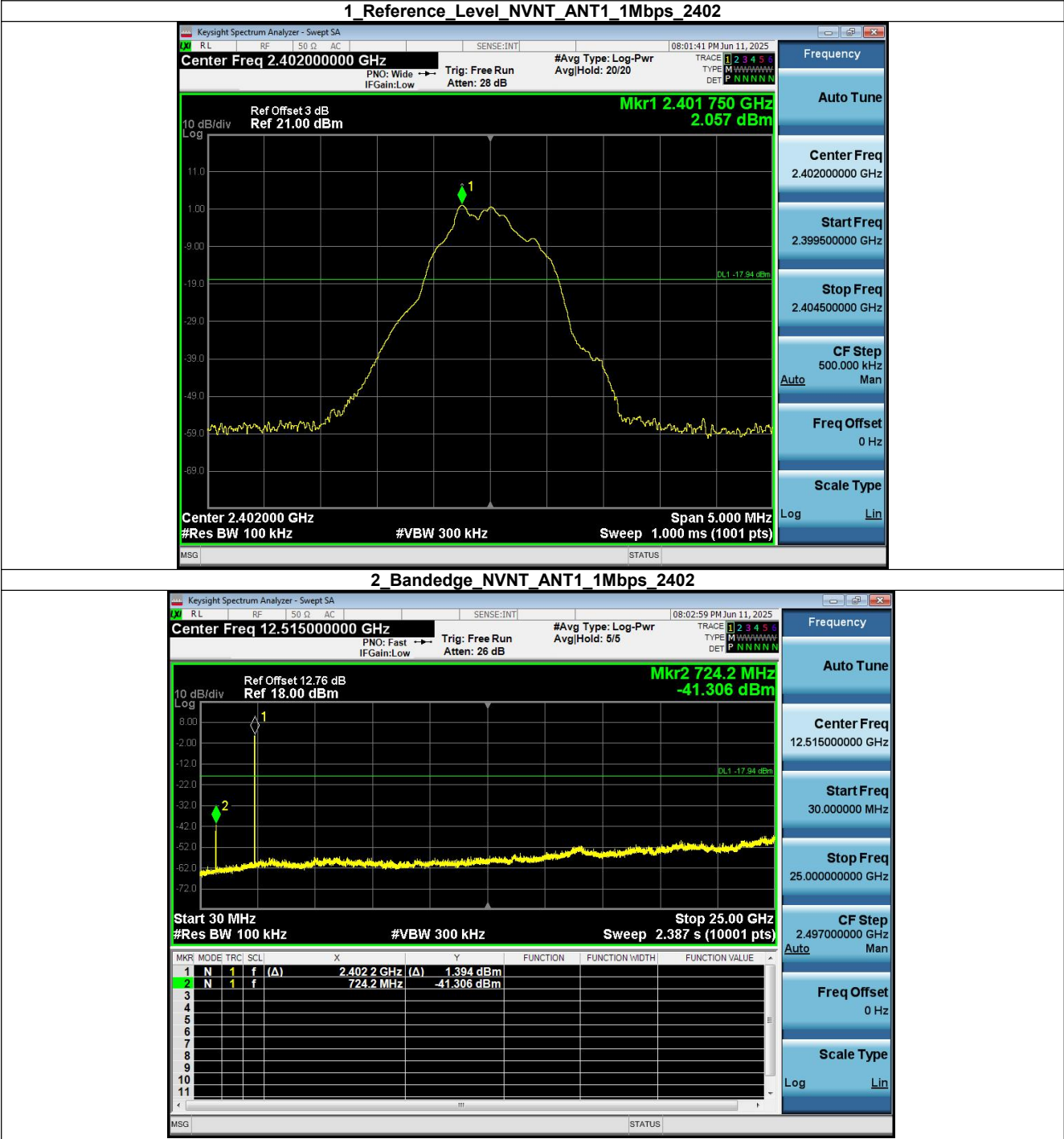


Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



6. Bandedge

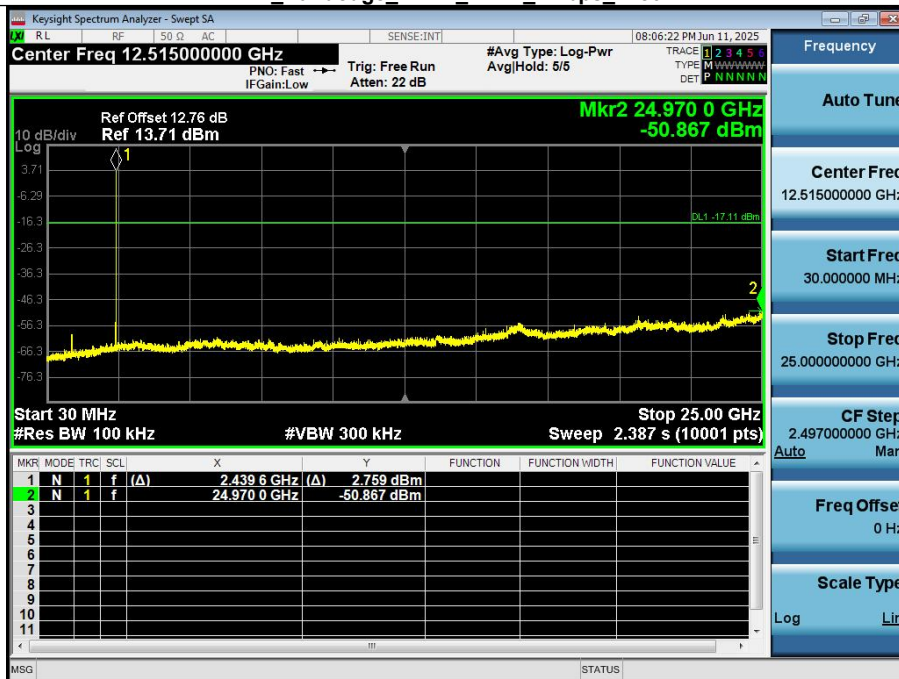
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	2.057	-57.248	-17.943	Pass
NVNT	ANT1	1Mbps	2480.00	2484.650	2.454	-57.238	-17.546	Pass



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480

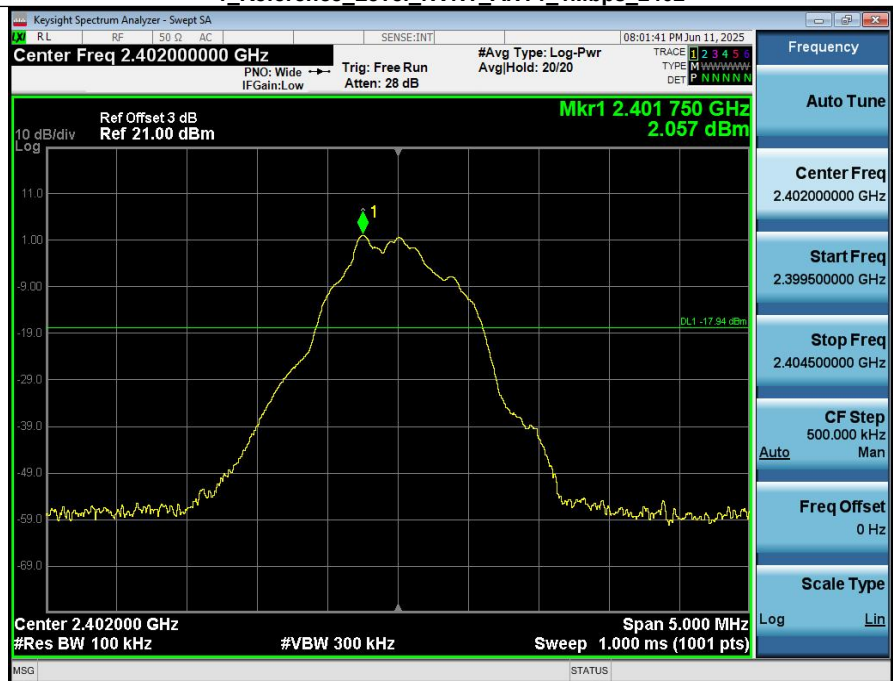


7. Spurious Emission

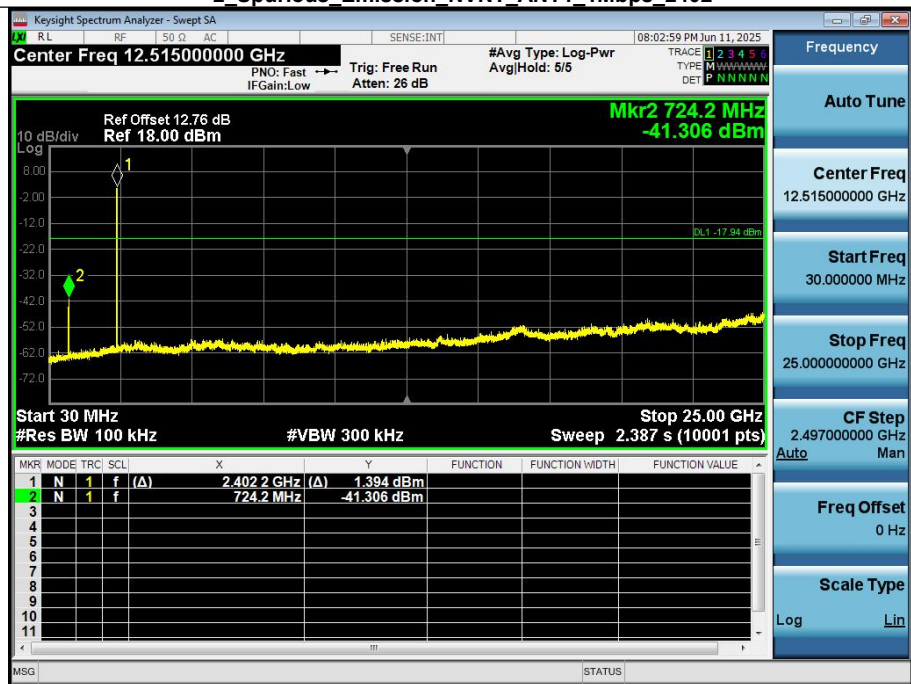
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2.057	-41.306	-17.943	Pass
NVNT	ANT1	1Mbps	2440.00	2.889	-50.867	-17.111	Pass
NVNT	ANT1	1Mbps	2480.00	2.454	-46.921	-17.546	Pass

Ref Offest = Cable Loss

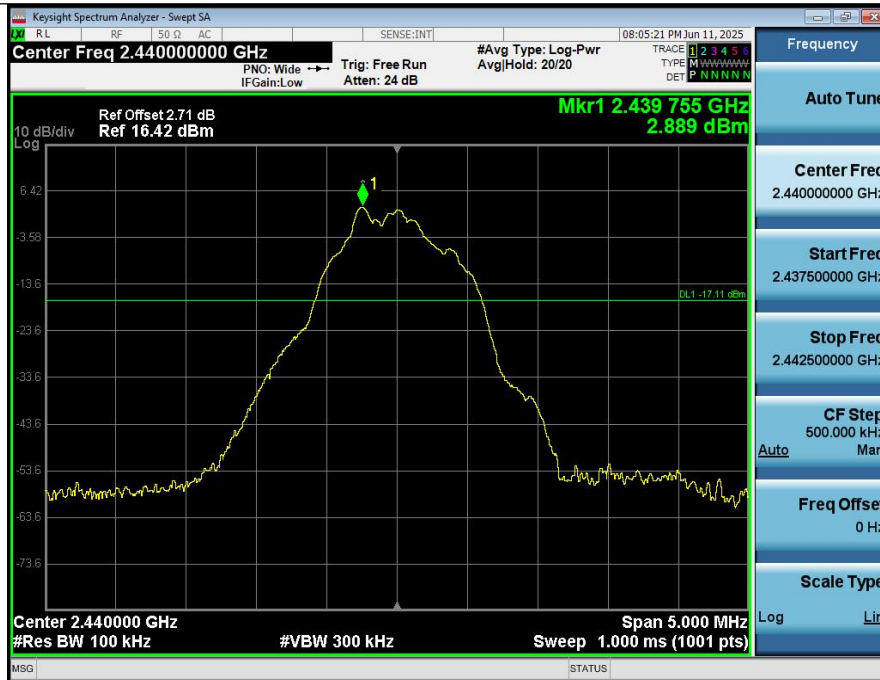
1 Reference_Level_NVNT_ANT1_1Mbps_2402



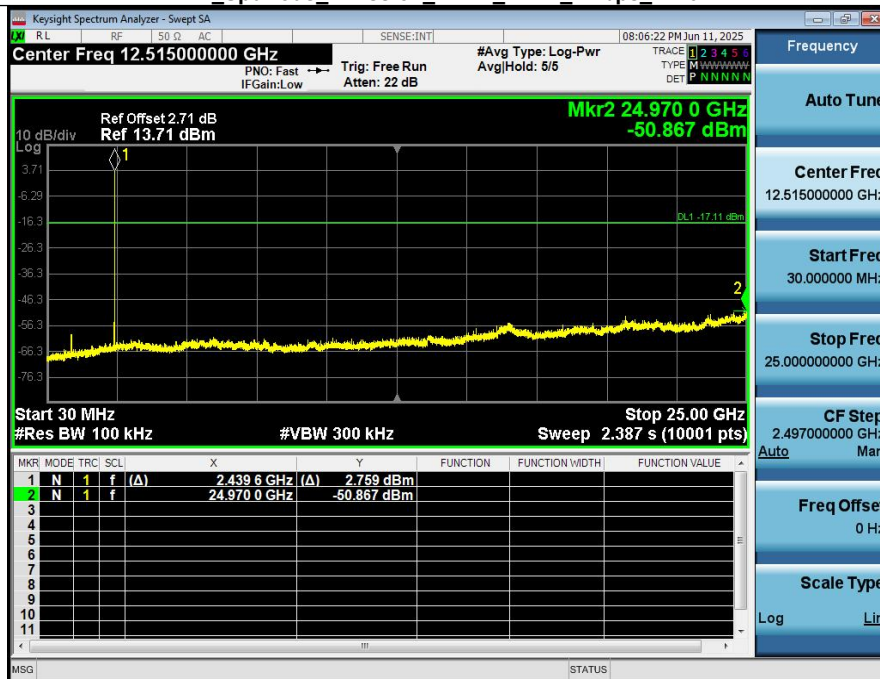
2 Spurious Emission_NVNT_ANT1_1Mbps_2402



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

