



MAXLAB Testing Co.,Ltd.

Report No.: MAX250226110P01-R02

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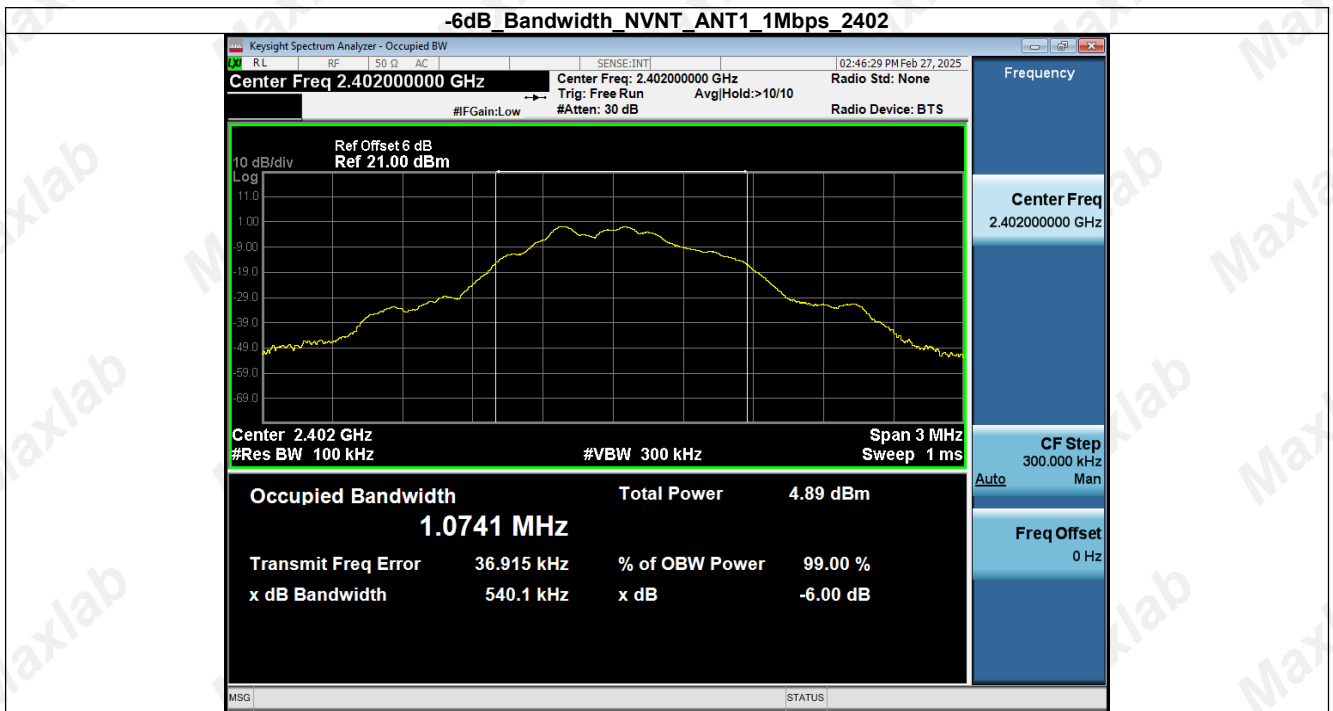
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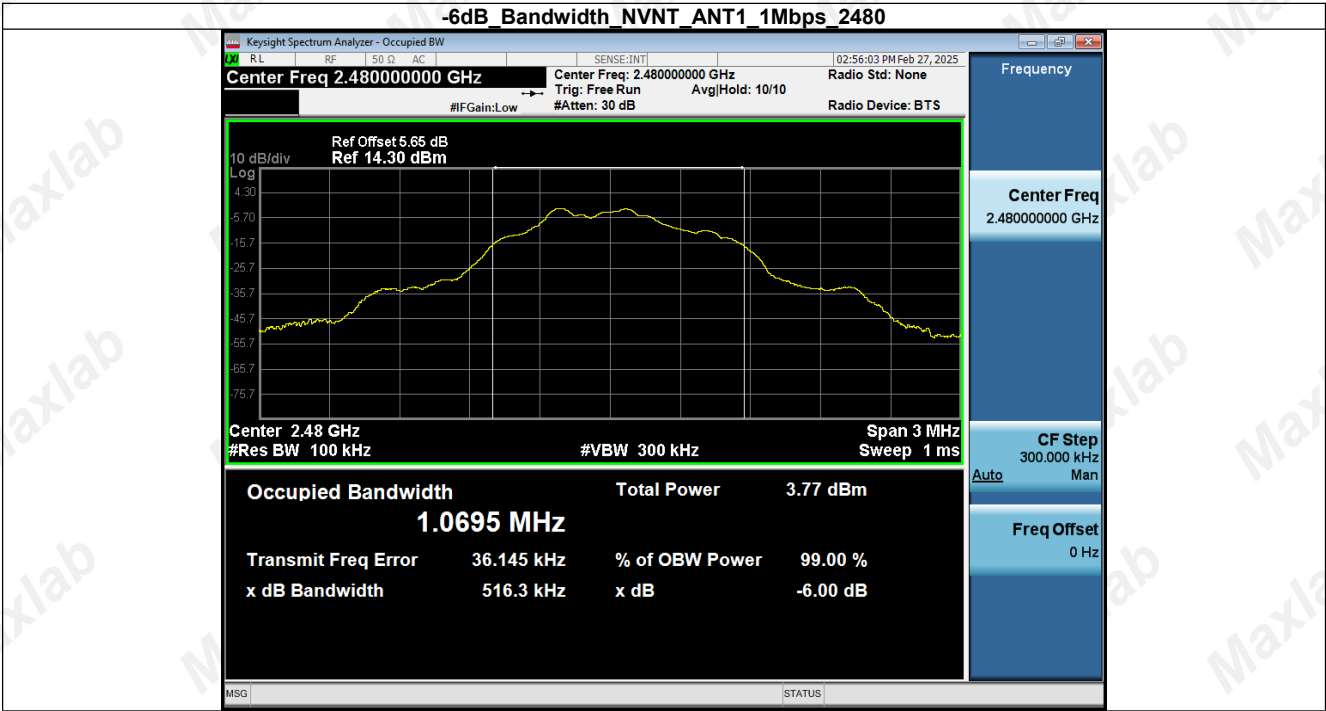
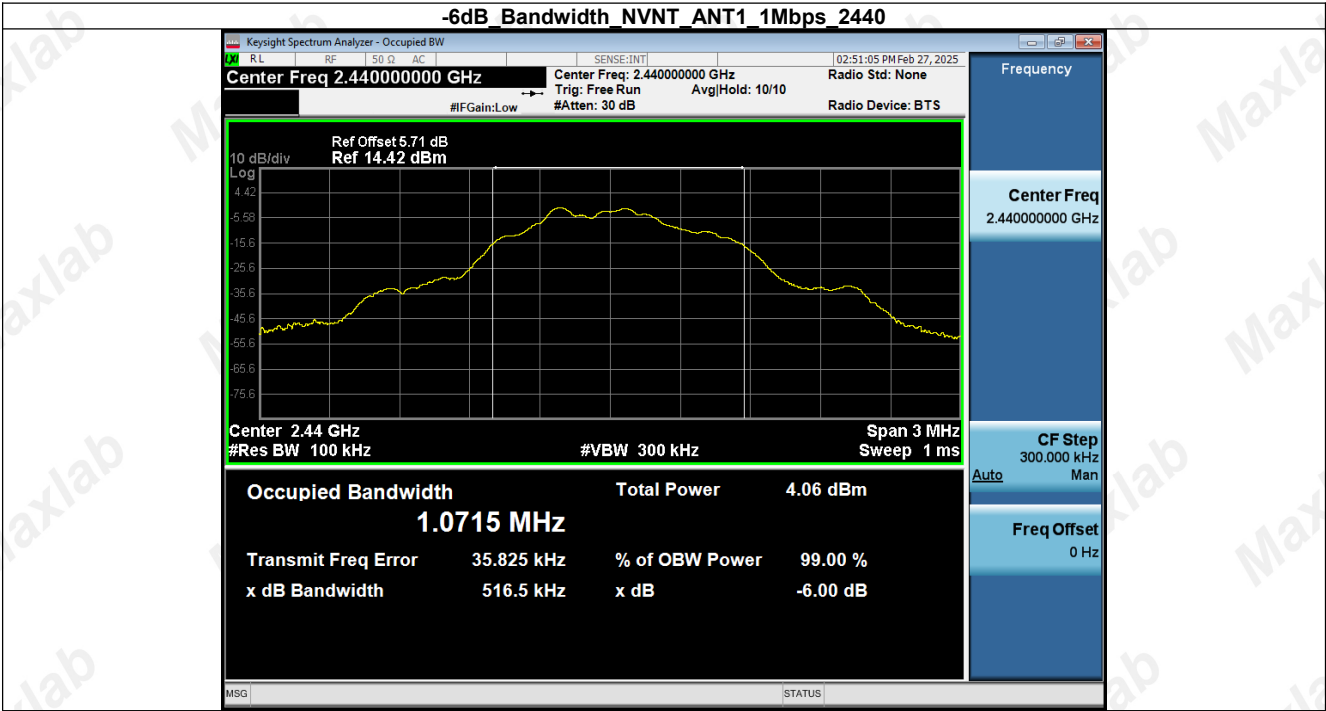
FCC ID:2BCNH-WJ007

FCC ID 2.4 FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

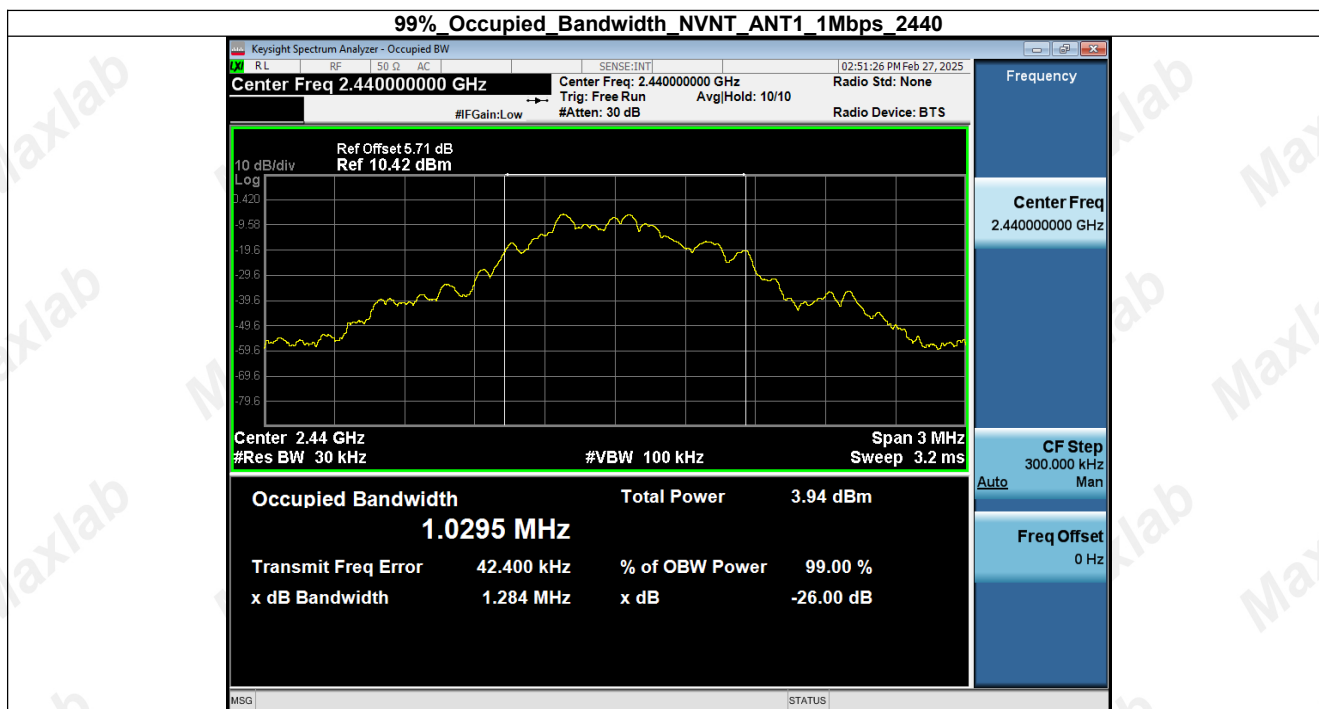
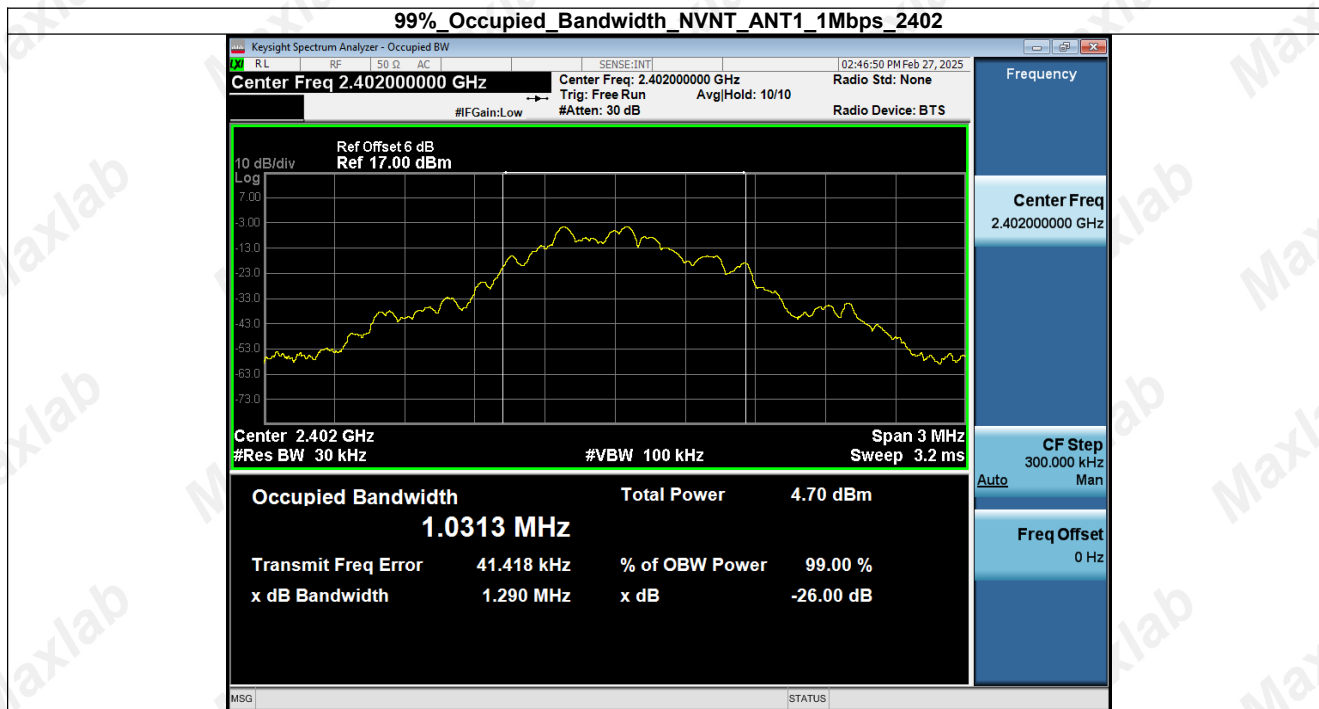
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	540.11	500	Pass
NVNT	ANT1	1Mbps	2440.00	516.48	500	Pass
NVNT	ANT1	1Mbps	2480.00	516.28	500	Pass





2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.031
NVNT	ANT1	1Mbps	2440.00	1.030
NVNT	ANT1	1Mbps	2480.00	1.026





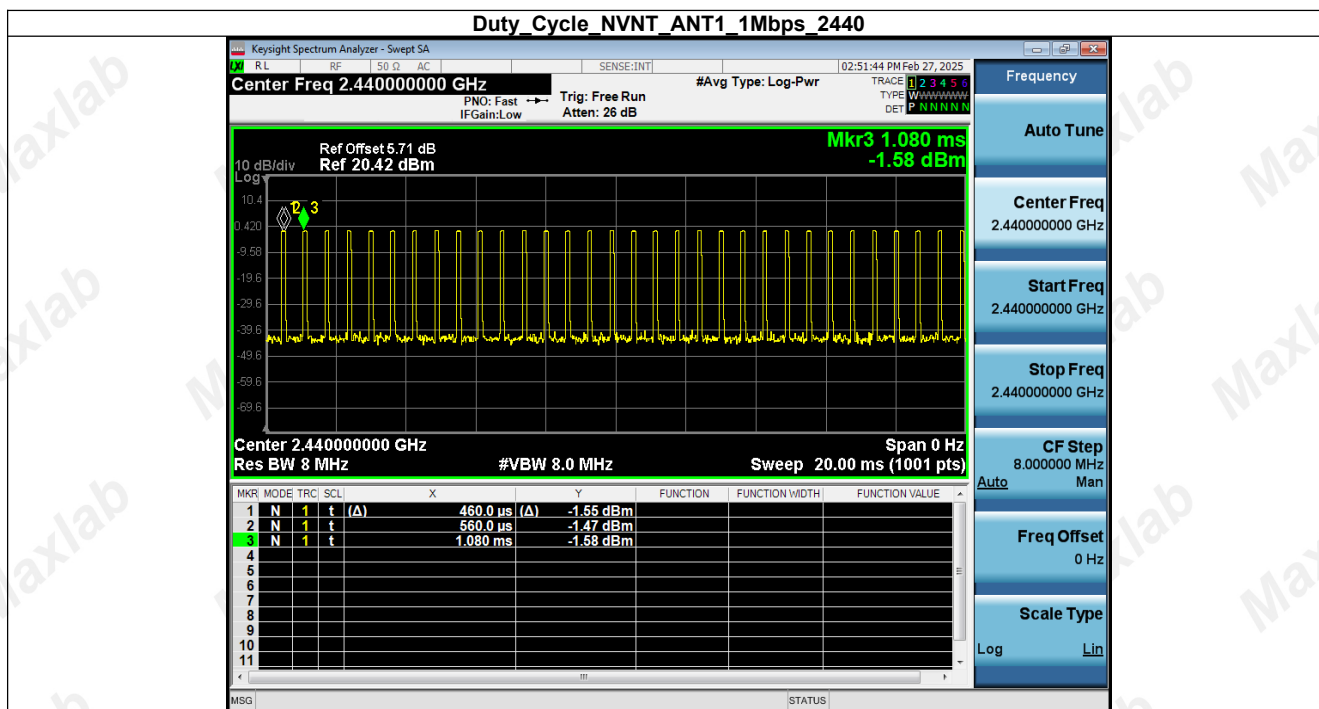
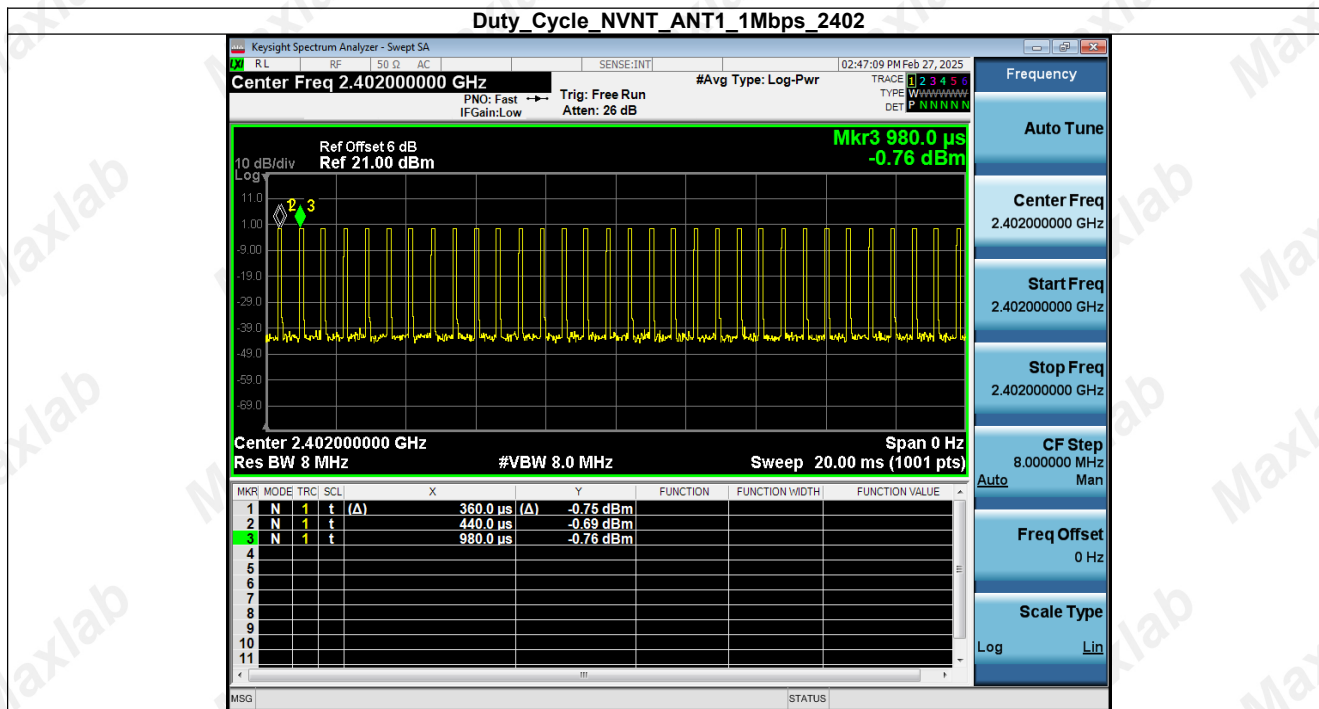
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3. Duty Cycle

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

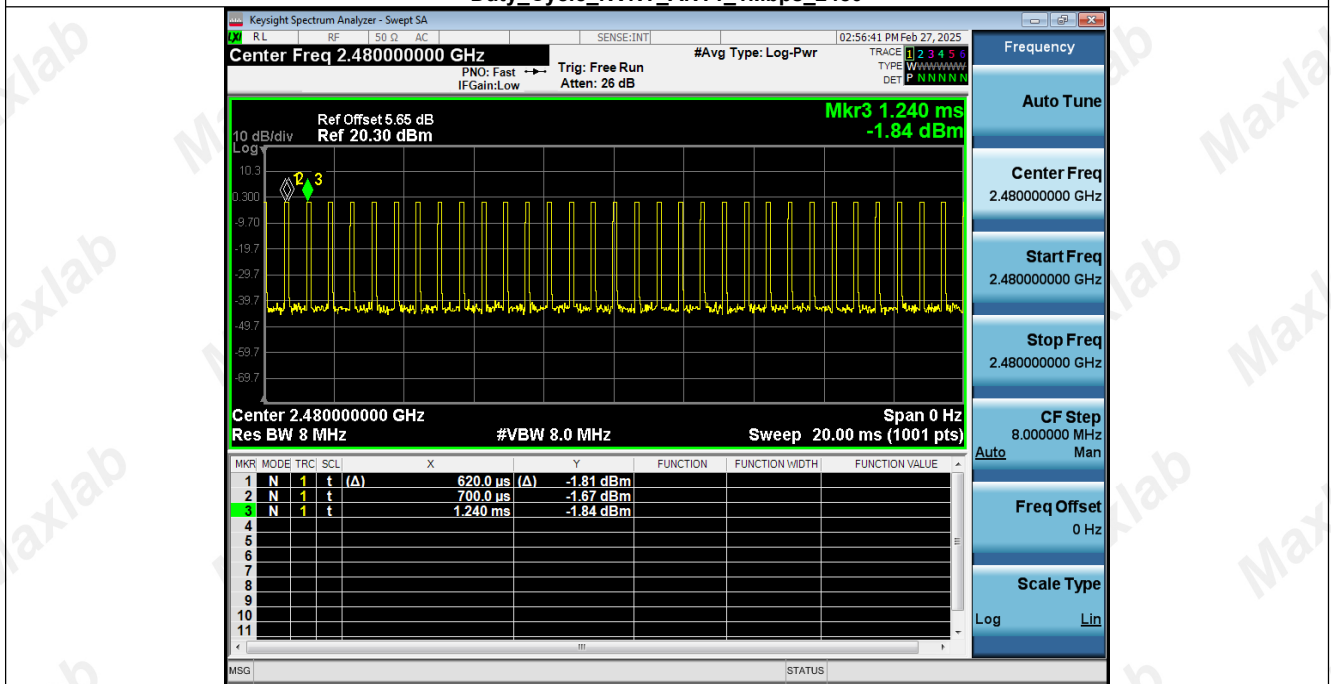




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Duty_Cycle_NVNT_ANT1_1Mbps_2480



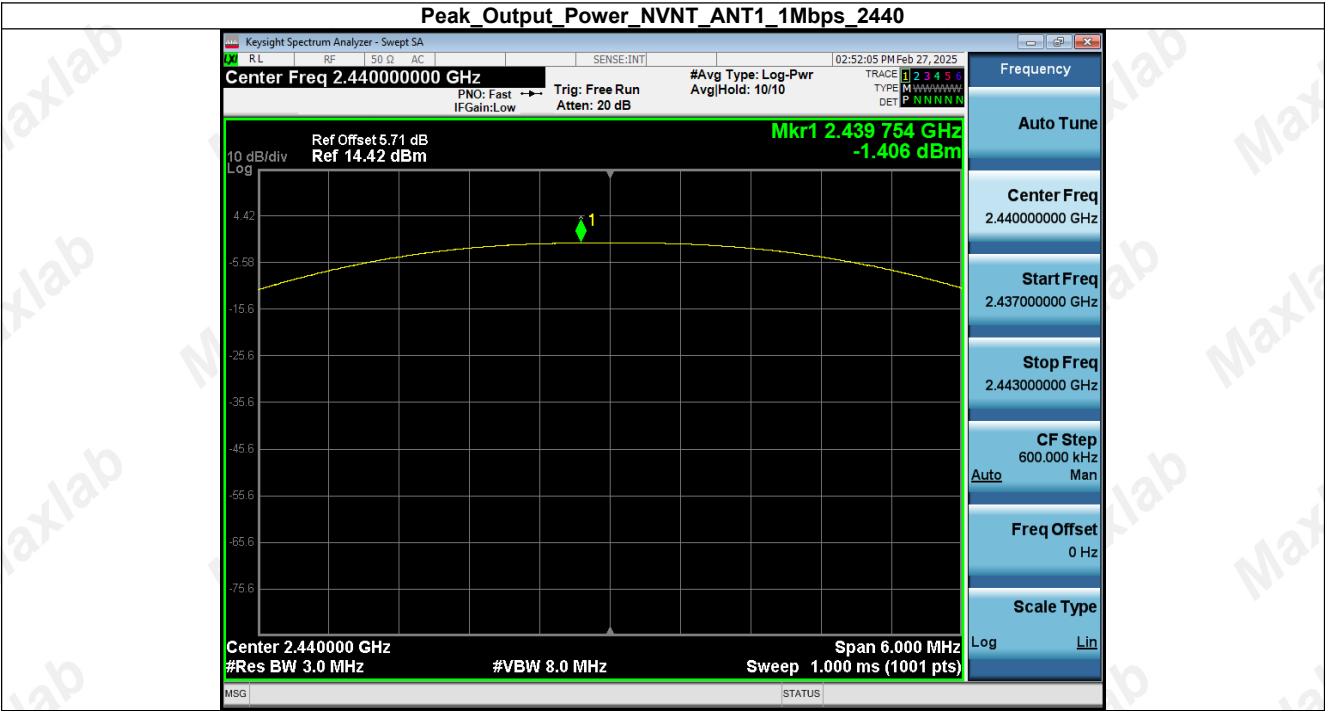
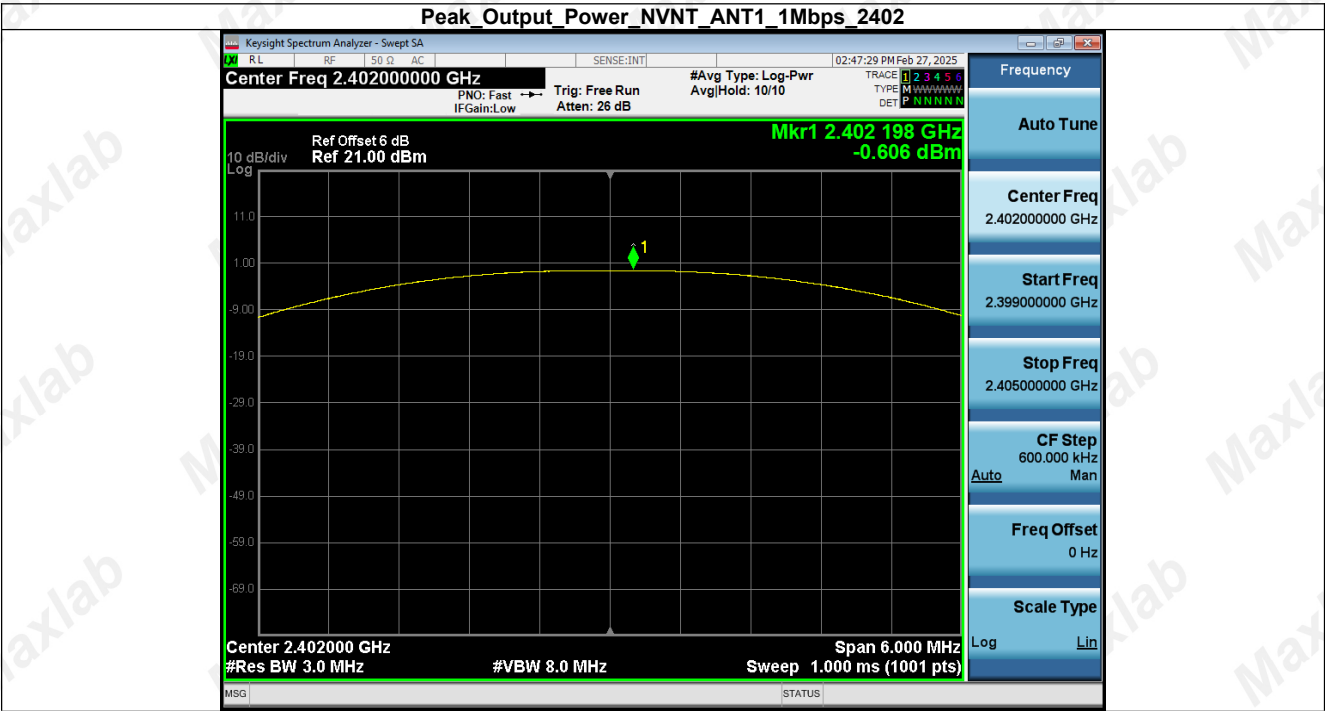


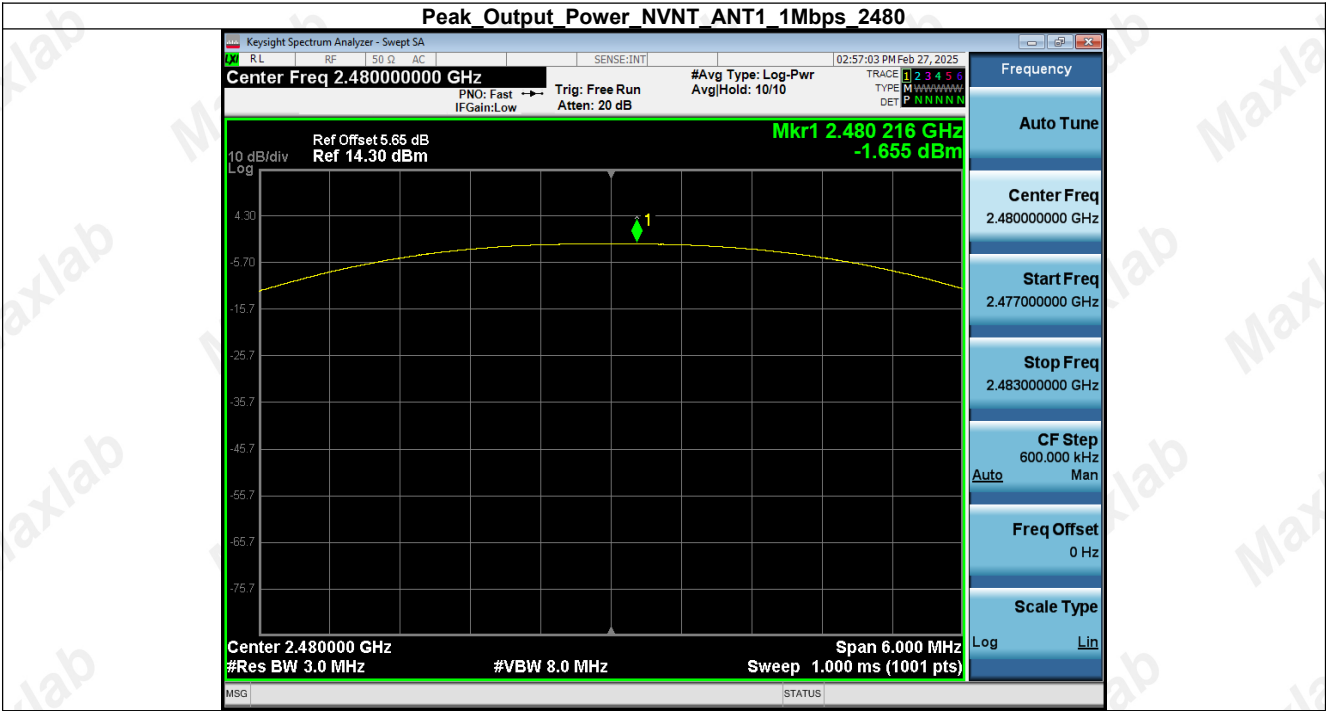
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4. Peak Output Power

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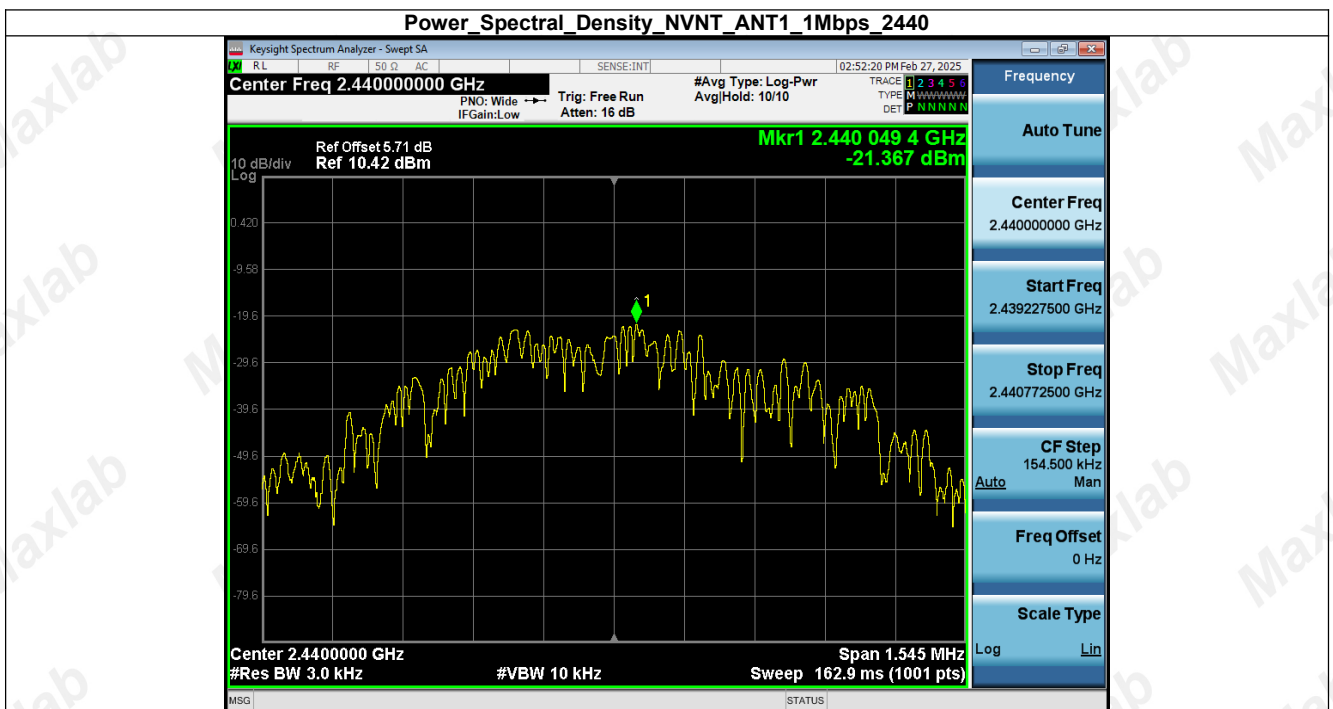
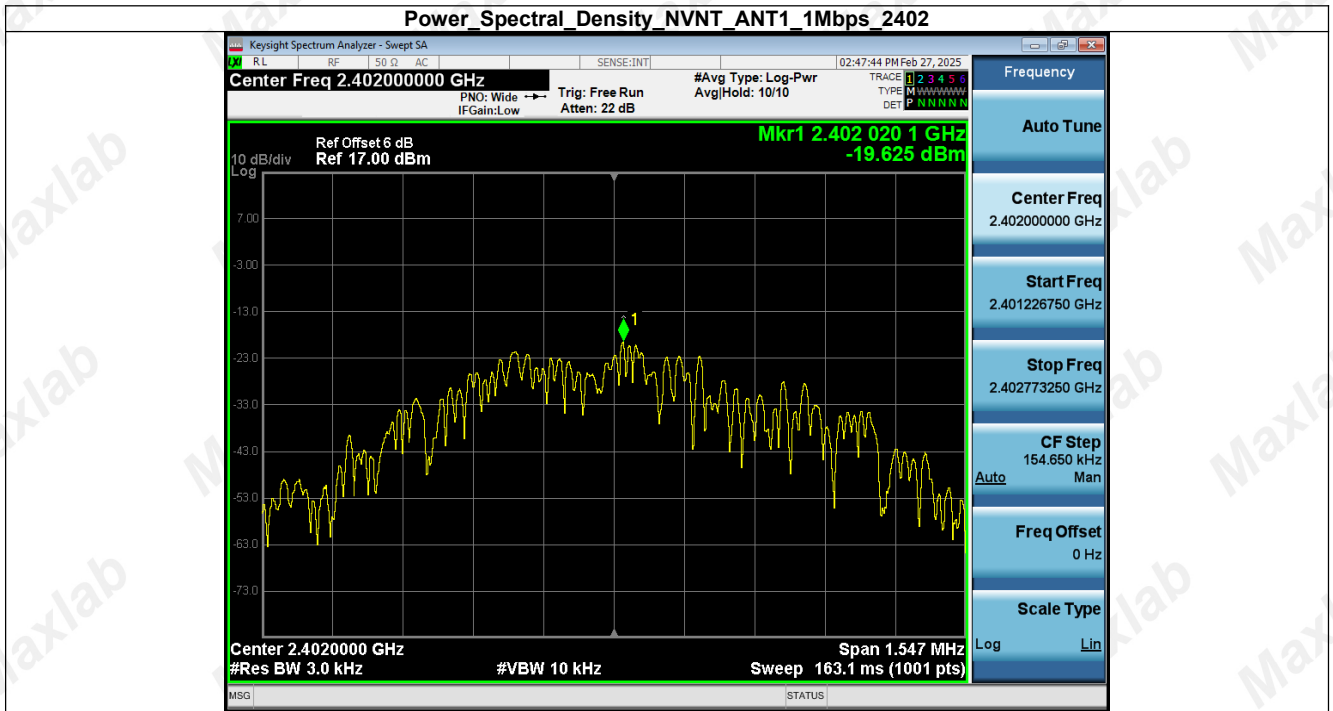
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.61	0.87	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.41	0.72	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.66	0.68	1000	Pass

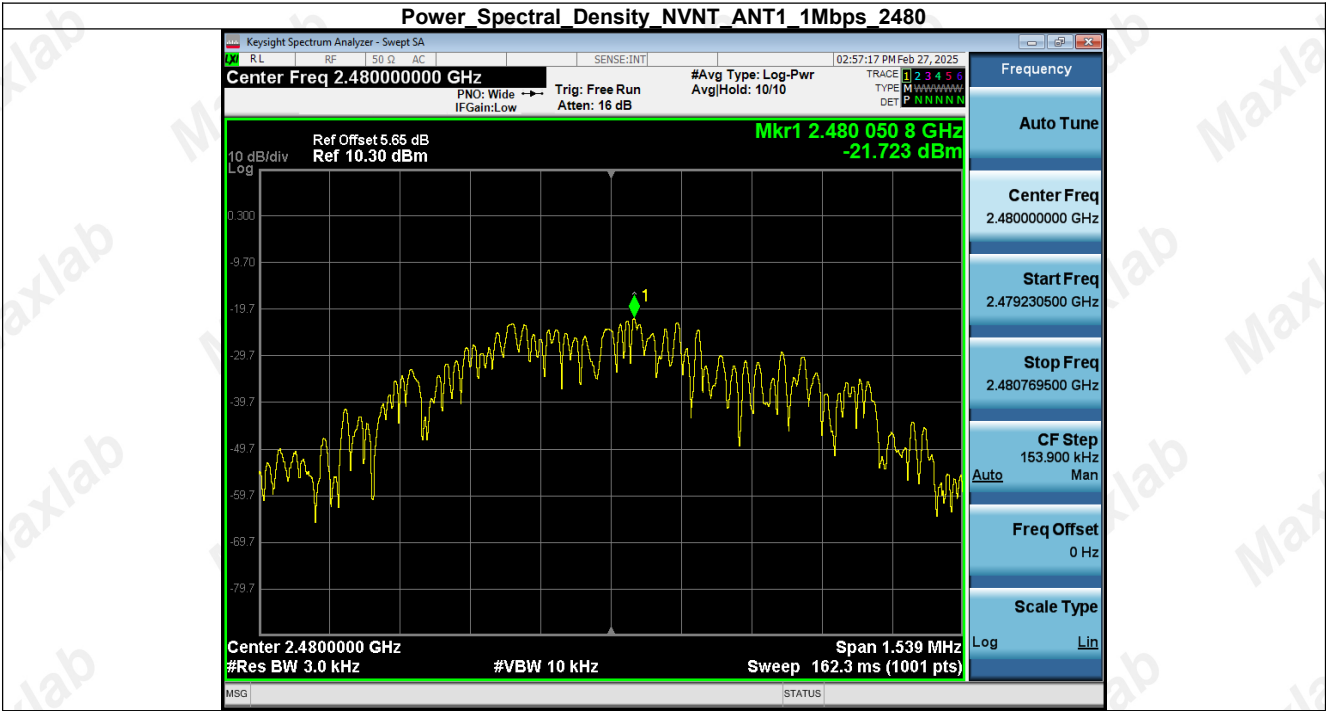




5. Power Spectral Density

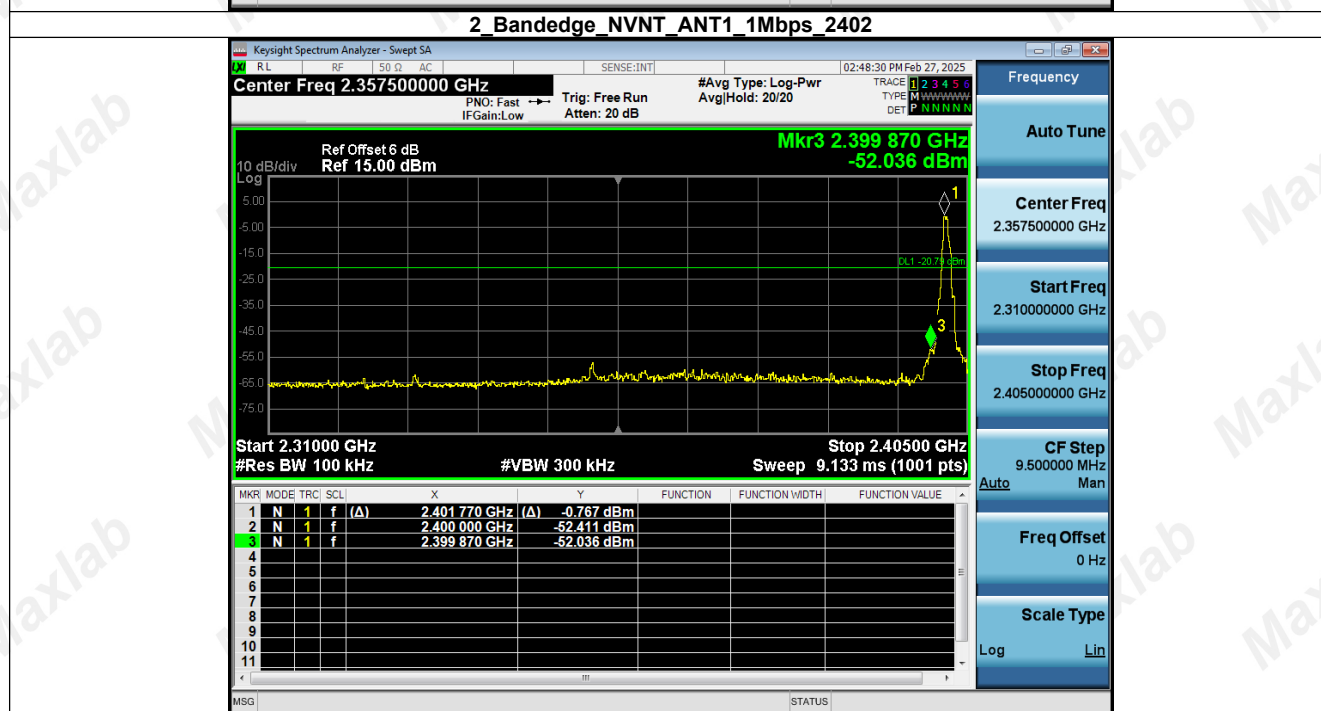
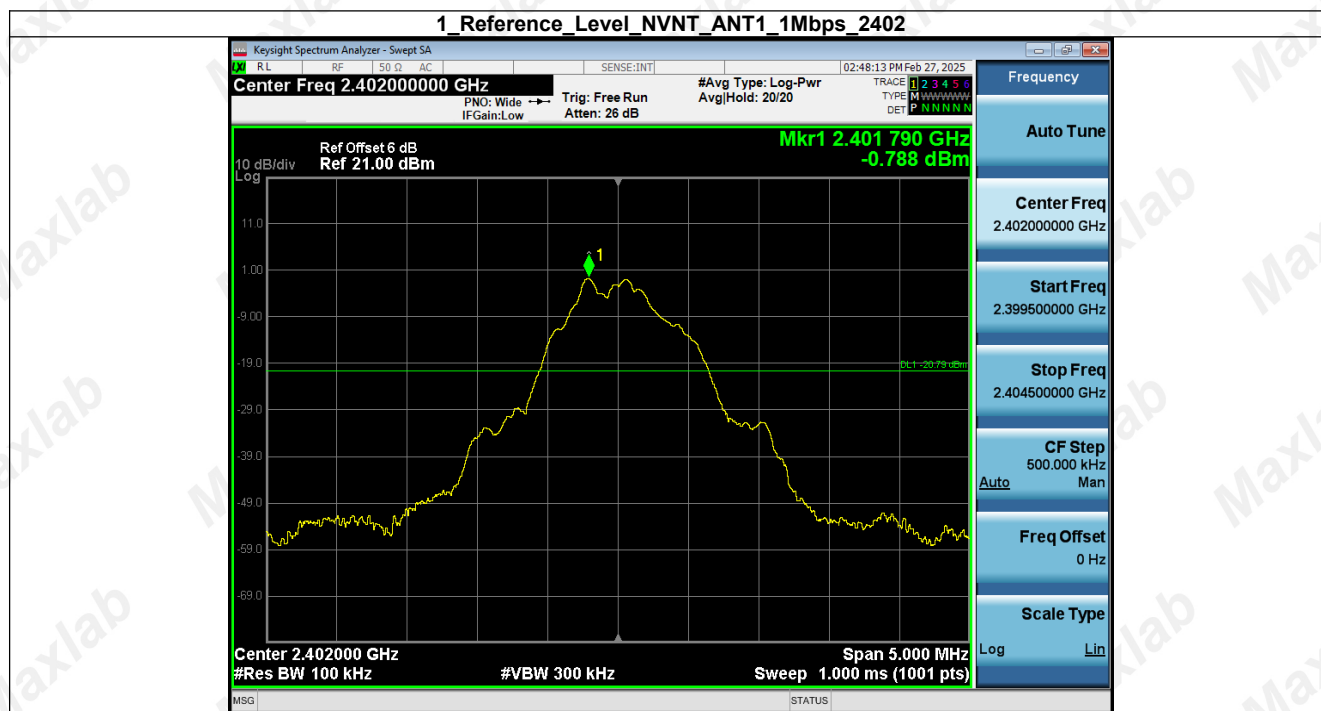
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-19.63	8	Pass
NVNT	ANT1	1Mbps	2440.00	-21.37	8	Pass
NVNT	ANT1	1Mbps	2480.00	-21.72	8	Pass





6. Bandedge

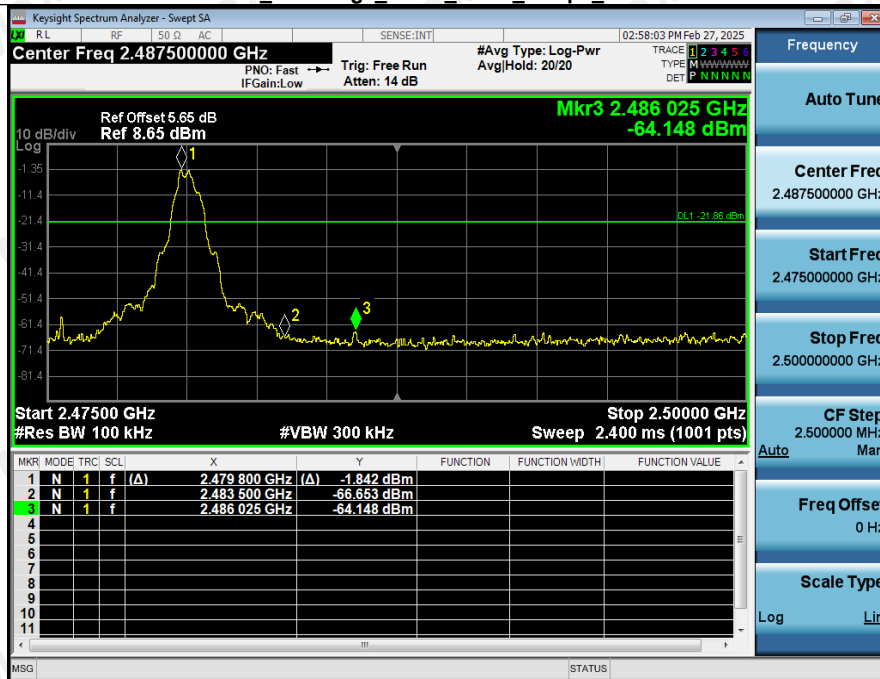
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.870	-0.788	-52.036	-20.788	Pass
NVNT	ANT1	1Mbps	2480.00	2486.025	-1.863	-64.148	-21.863	Pass



1 Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480



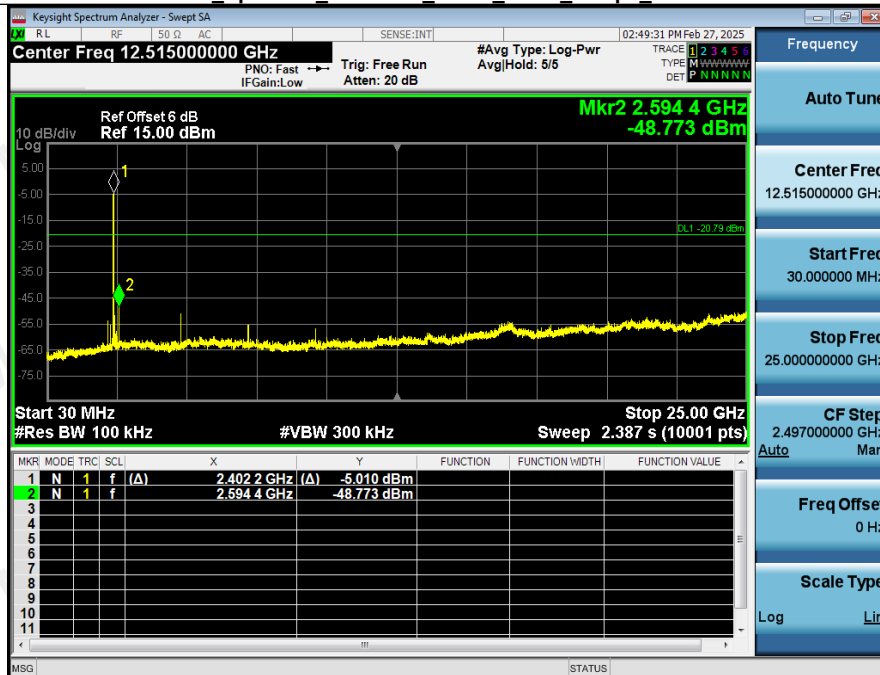
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.788	-48.773	-20.788	Pass
NVNT	ANT1	1Mbps	2440.00	-1.563	-49.116	-21.563	Pass
NVNT	ANT1	1Mbps	2480.00	-1.863	-49.285	-21.863	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



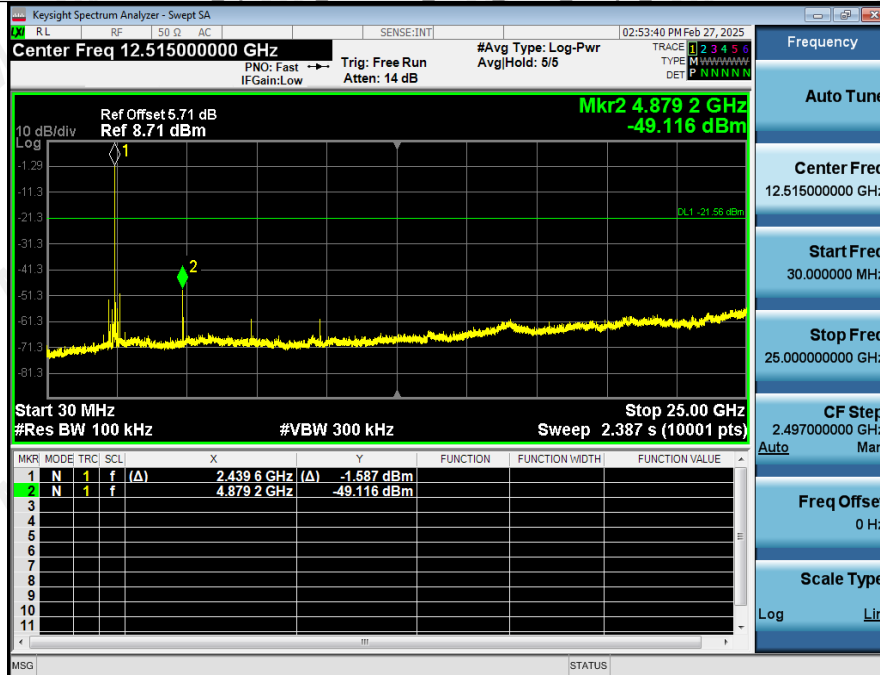
2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



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

