



MAXLAB Testing Co.,Ltd.

Report No.: MAX250226110P01-R01

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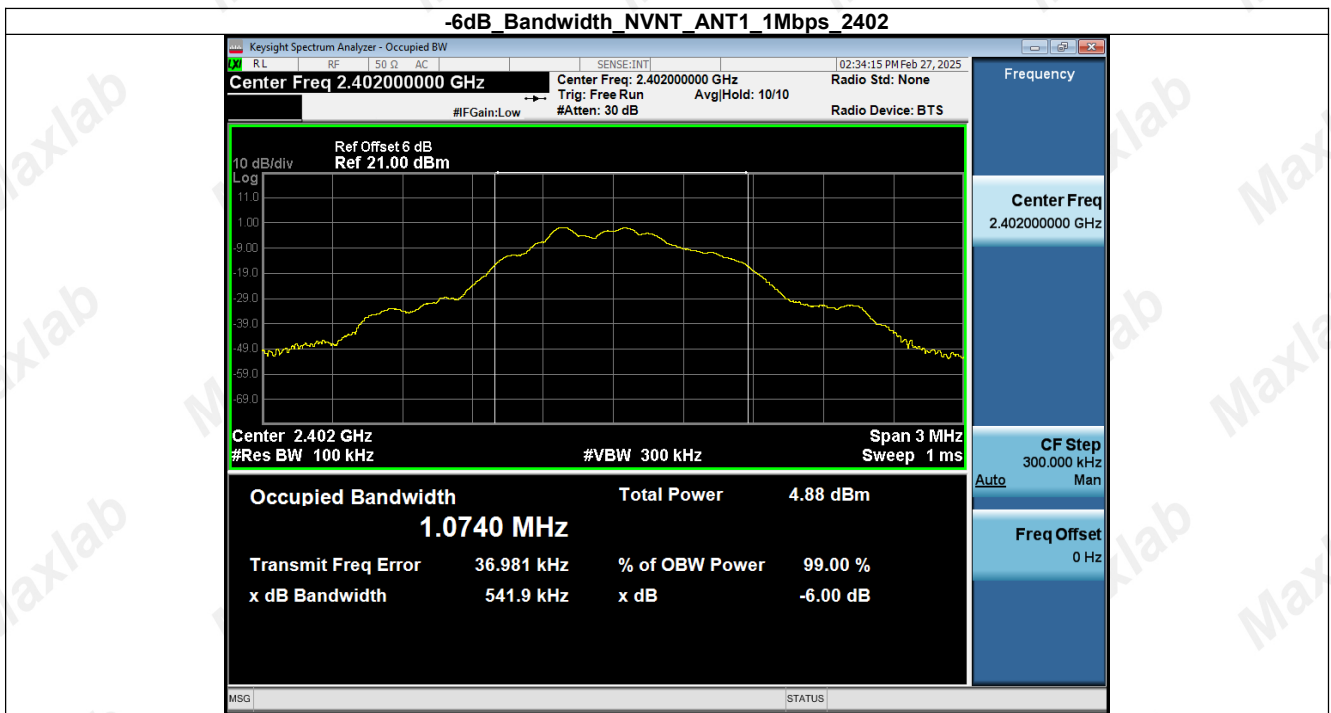
Report No.: MAX250226110P01-R01

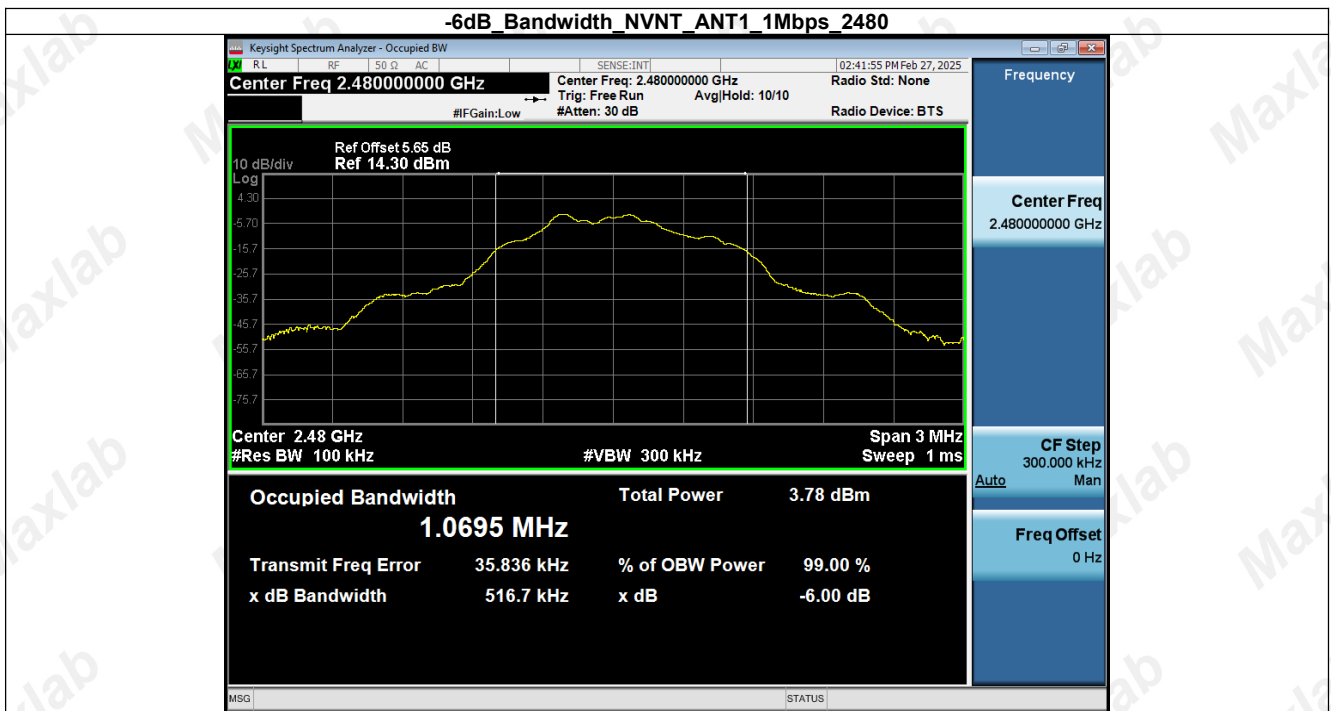
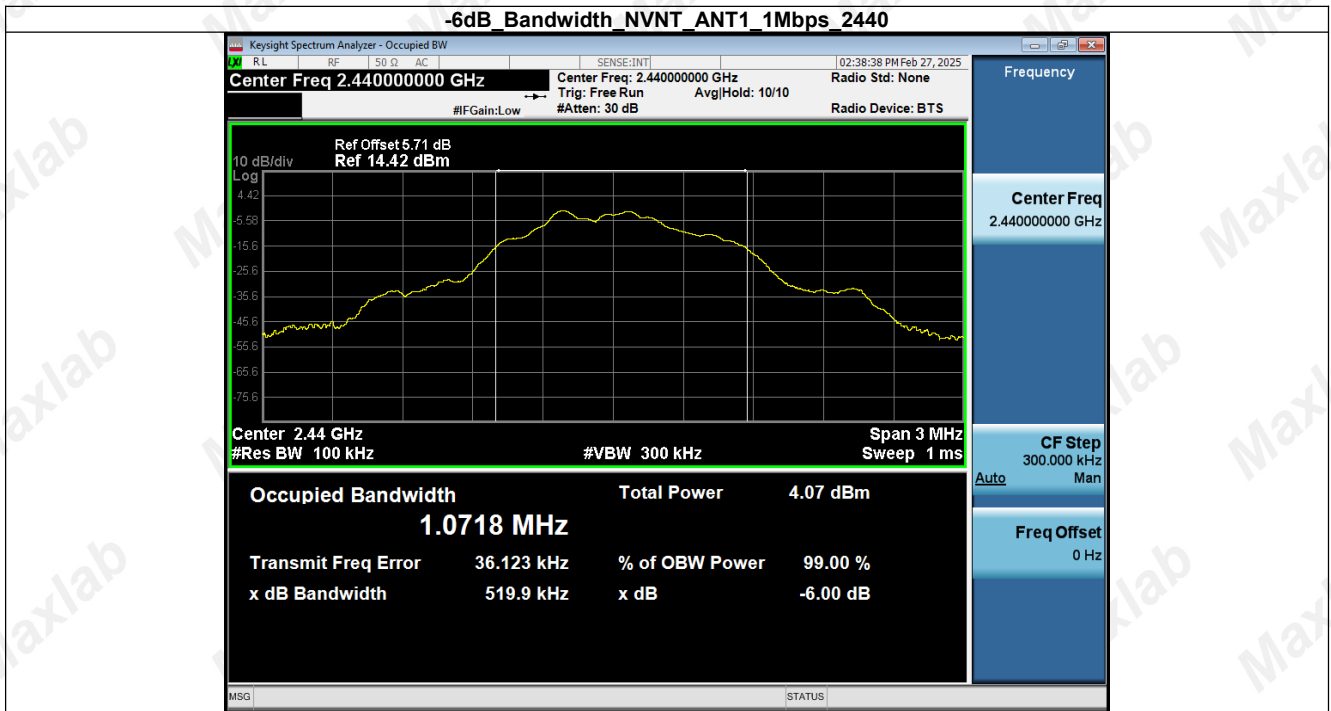
FCC ID:2BCNH-WJ007

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

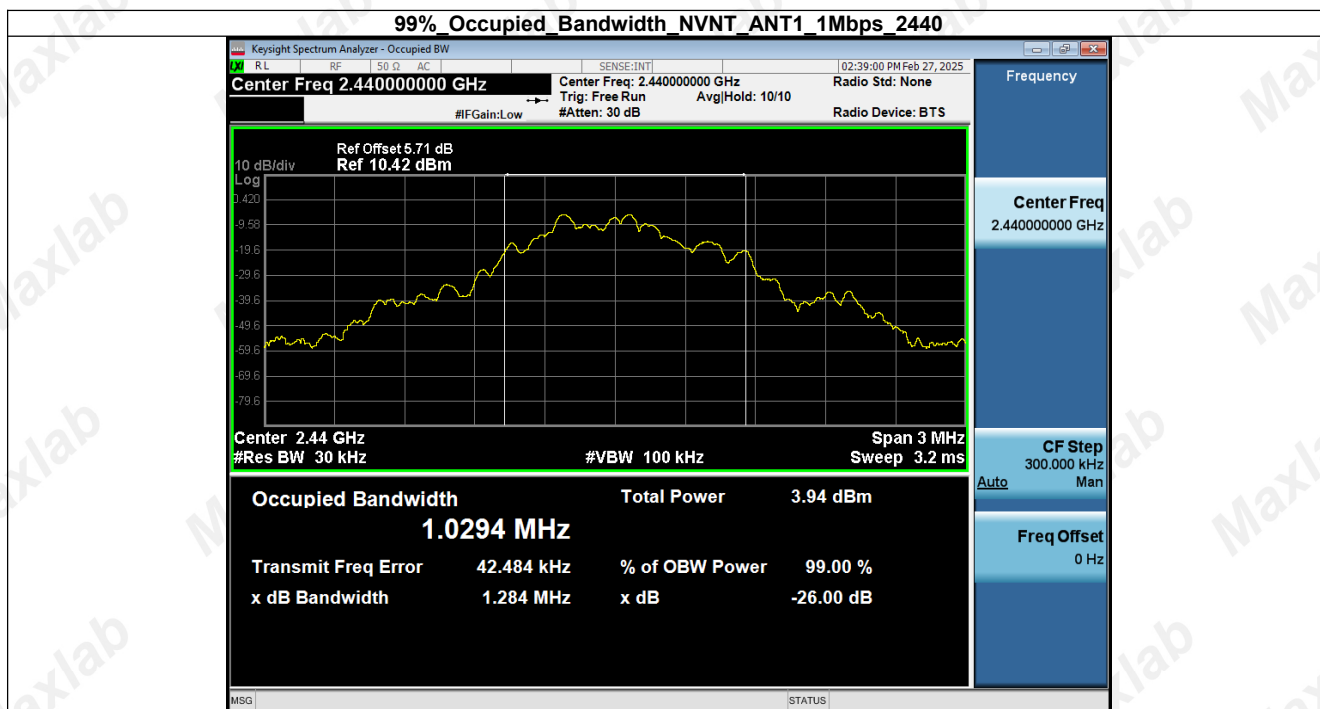
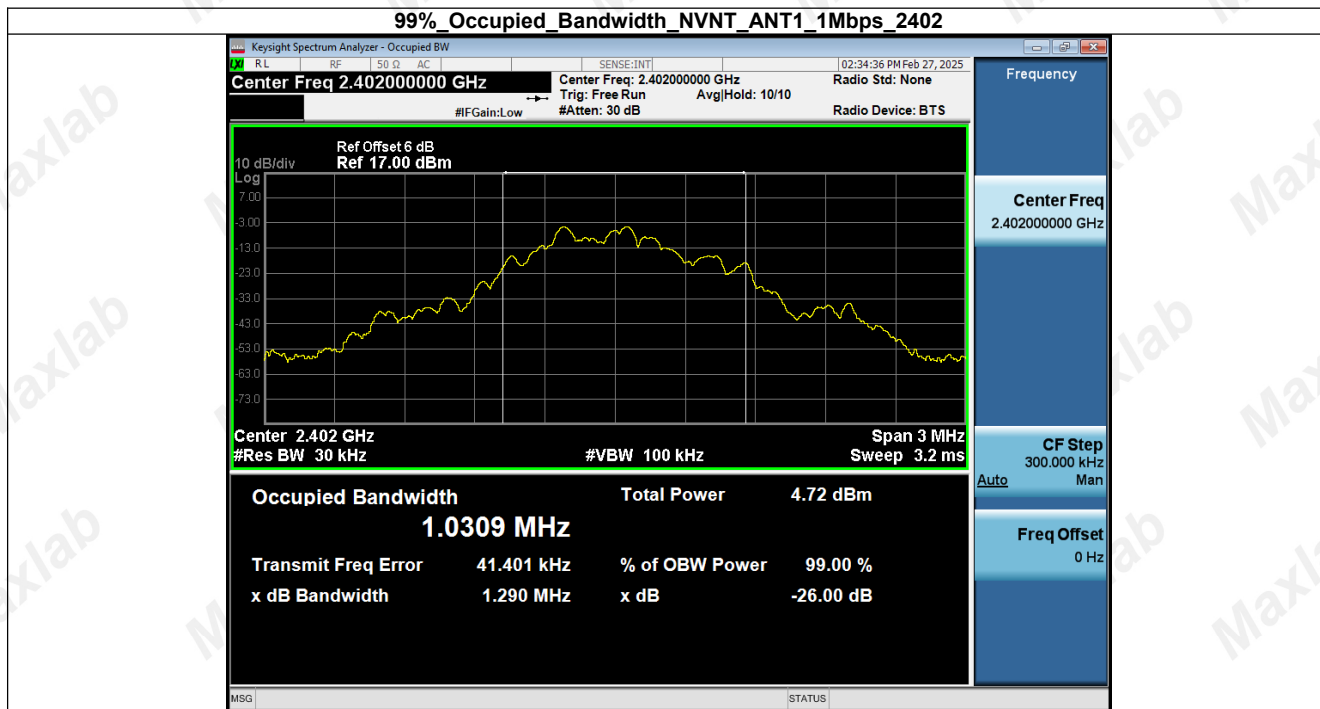
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	541.94	500	Pass
NVNT	ANT1	1Mbps	2440.00	519.86	500	Pass
NVNT	ANT1	1Mbps	2480.00	516.69	500	Pass





2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.031
NVNT	ANT1	1Mbps	2440.00	1.029
NVNT	ANT1	1Mbps	2480.00	1.026

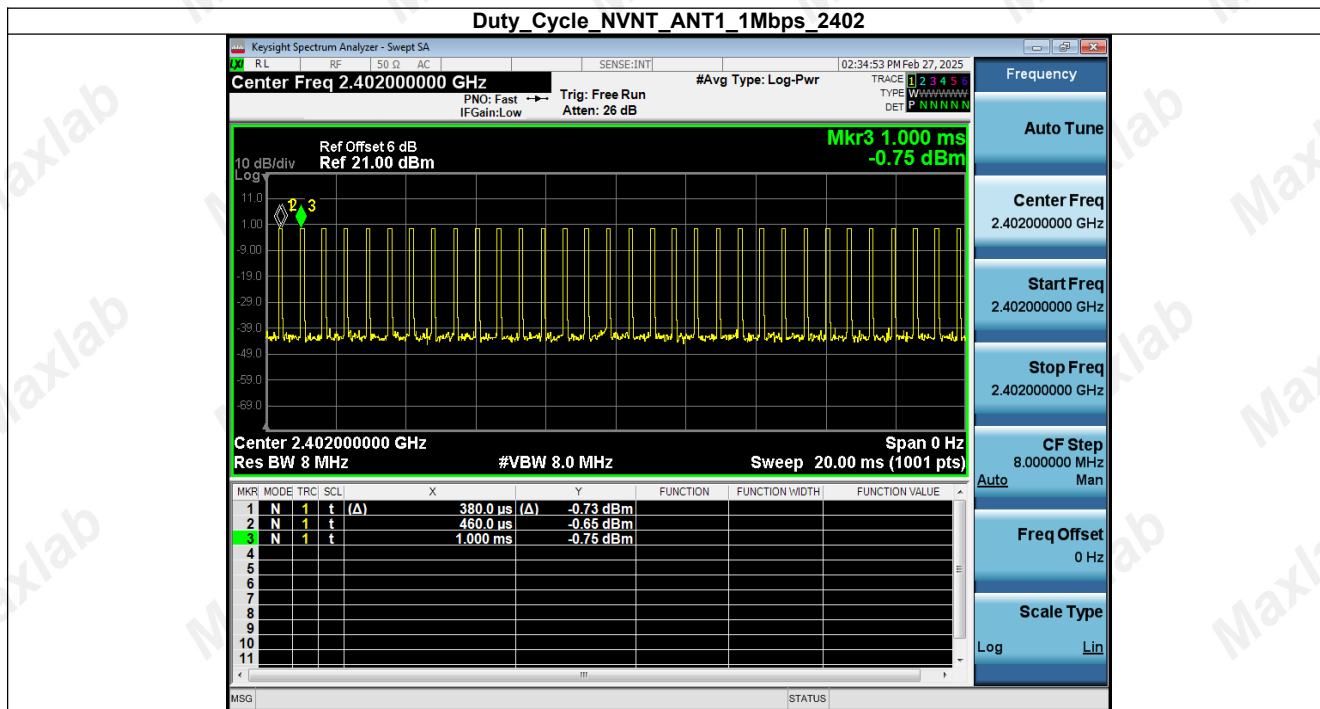




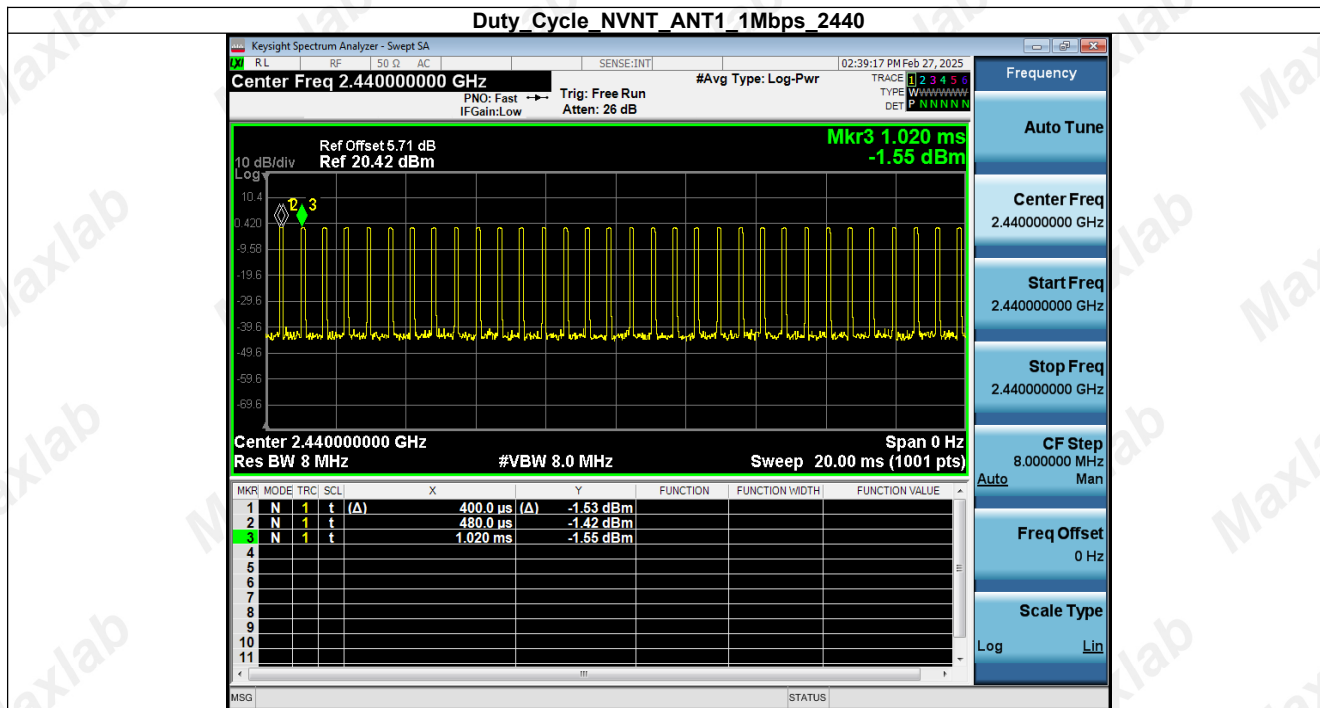
3. Duty Cycle

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

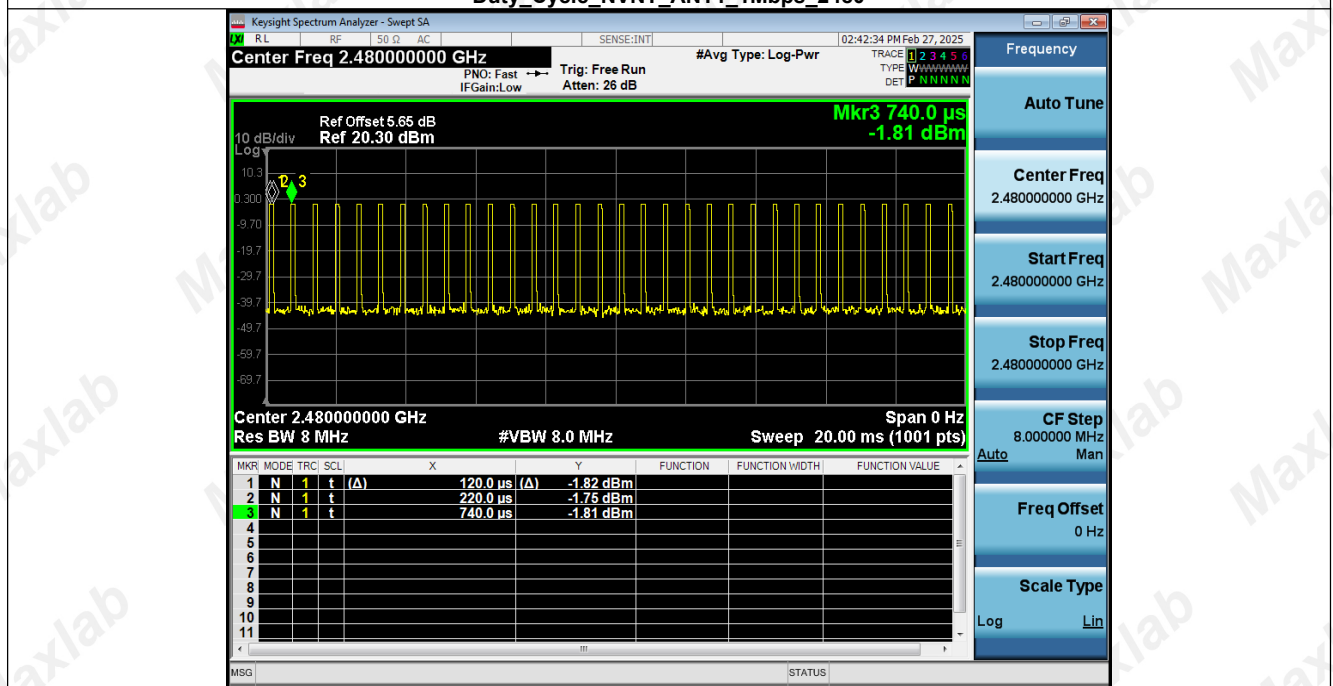
Duty_Cycle_NVNT_ANT1_1Mbps_2402



Duty_Cycle_NVNT_ANT1_1Mbps_2440

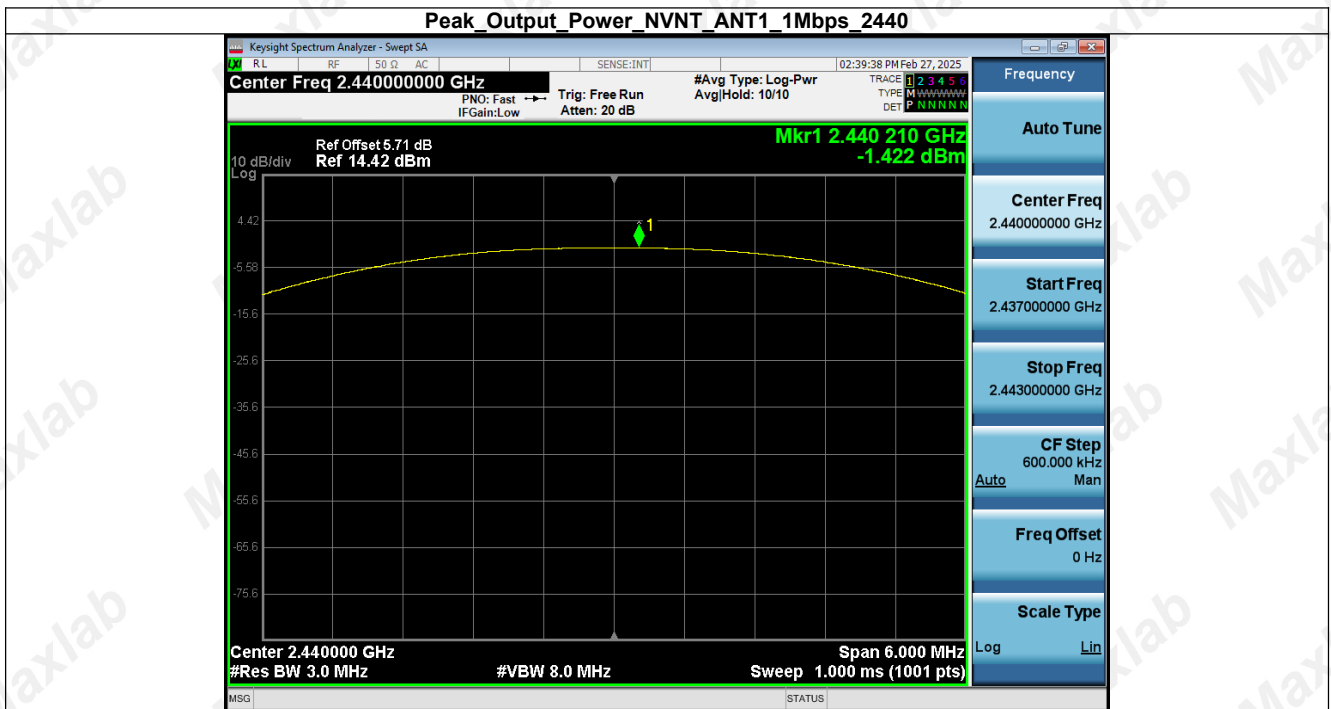
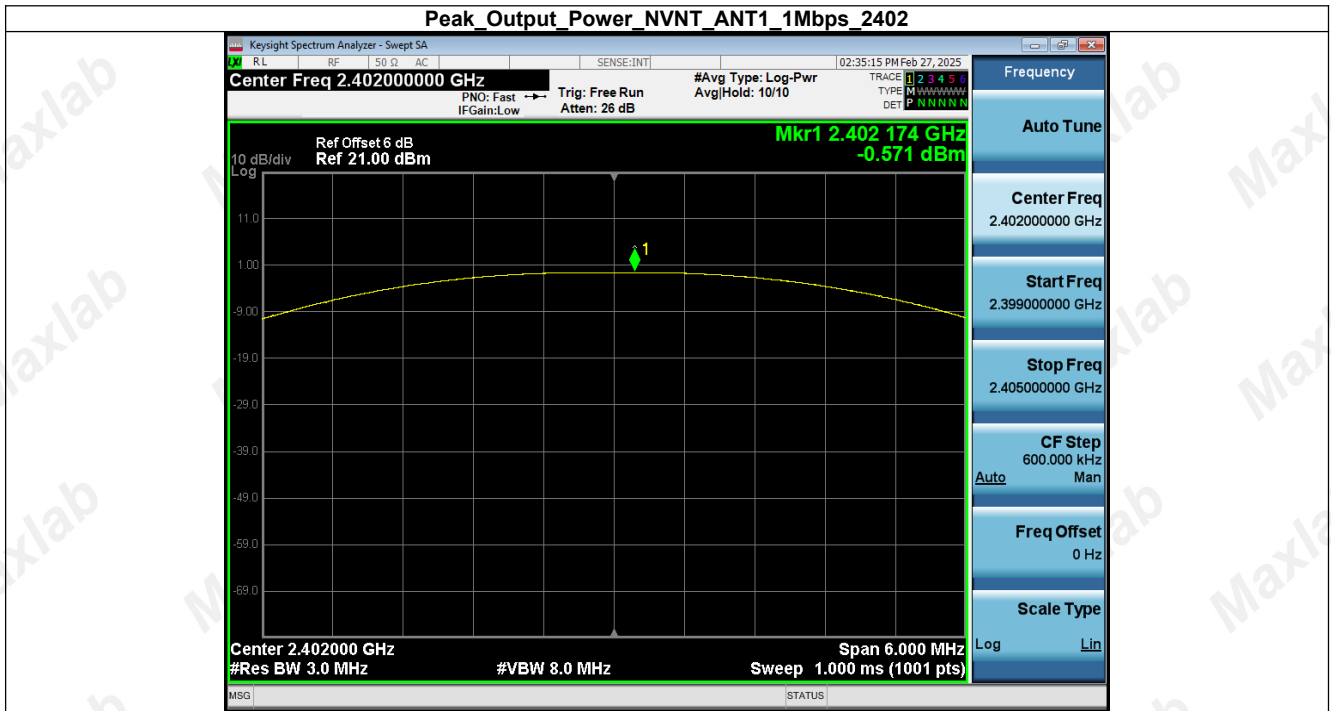


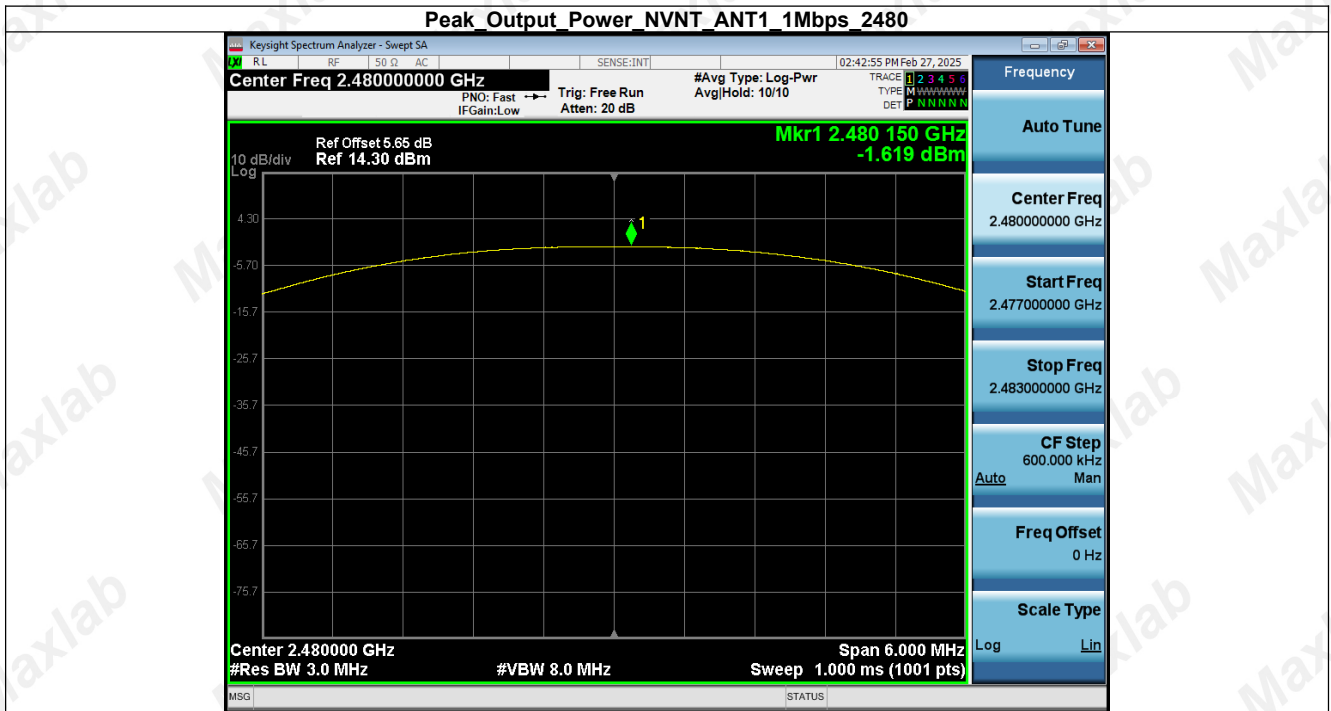
Duty_Cycle_NVNT_ANT1_1Mbps_2480



4. Peak Output Power

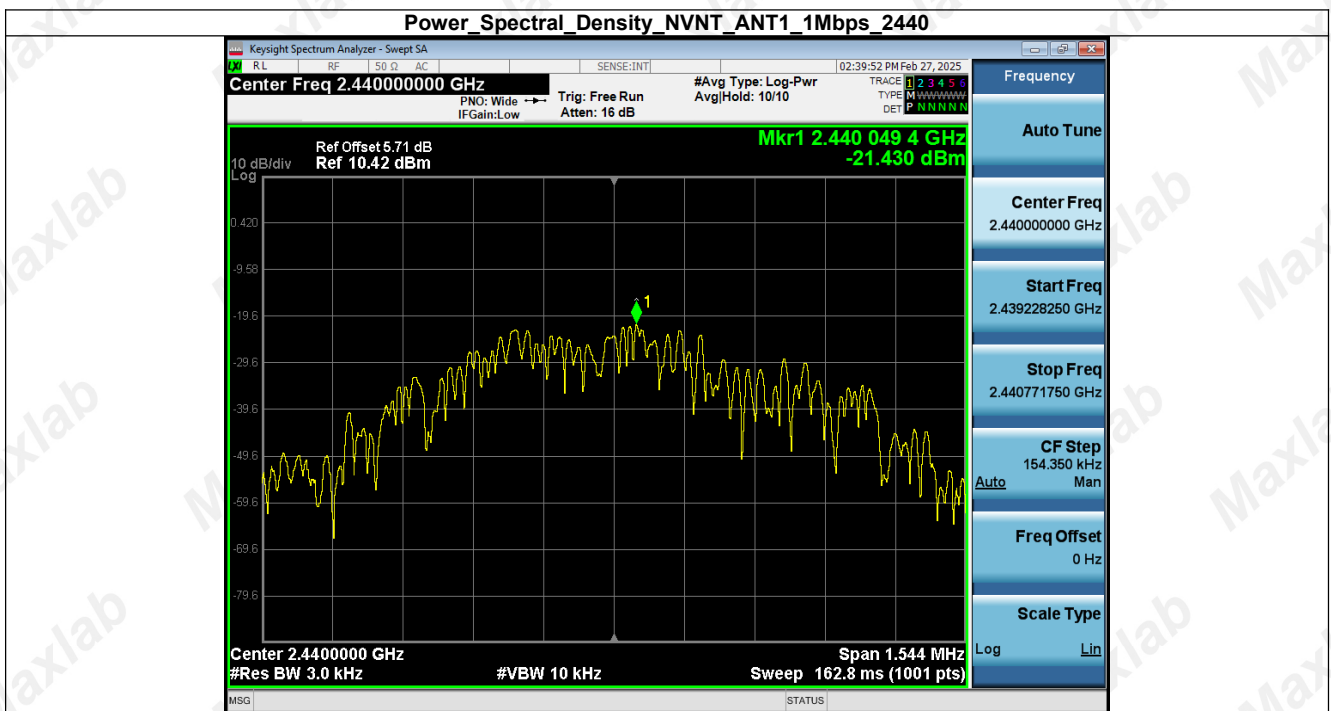
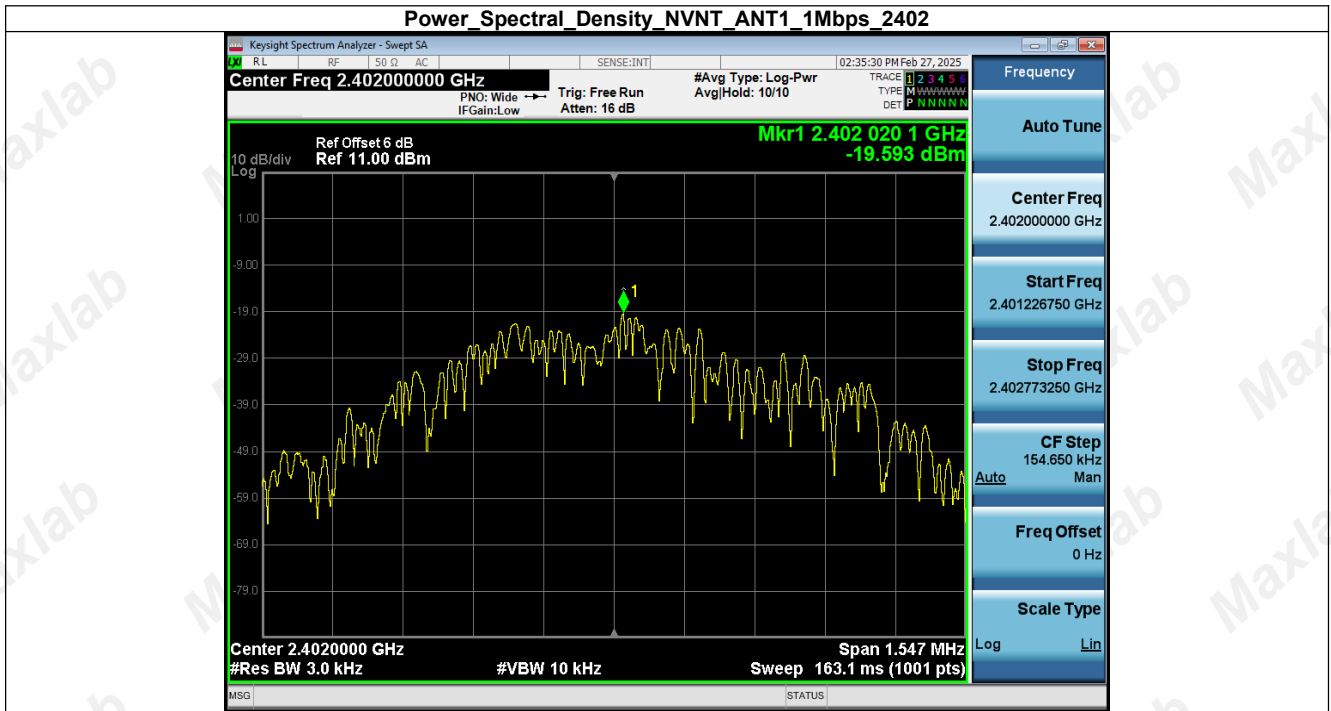
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.57	0.88	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.42	0.72	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.62	0.69	1000	Pass

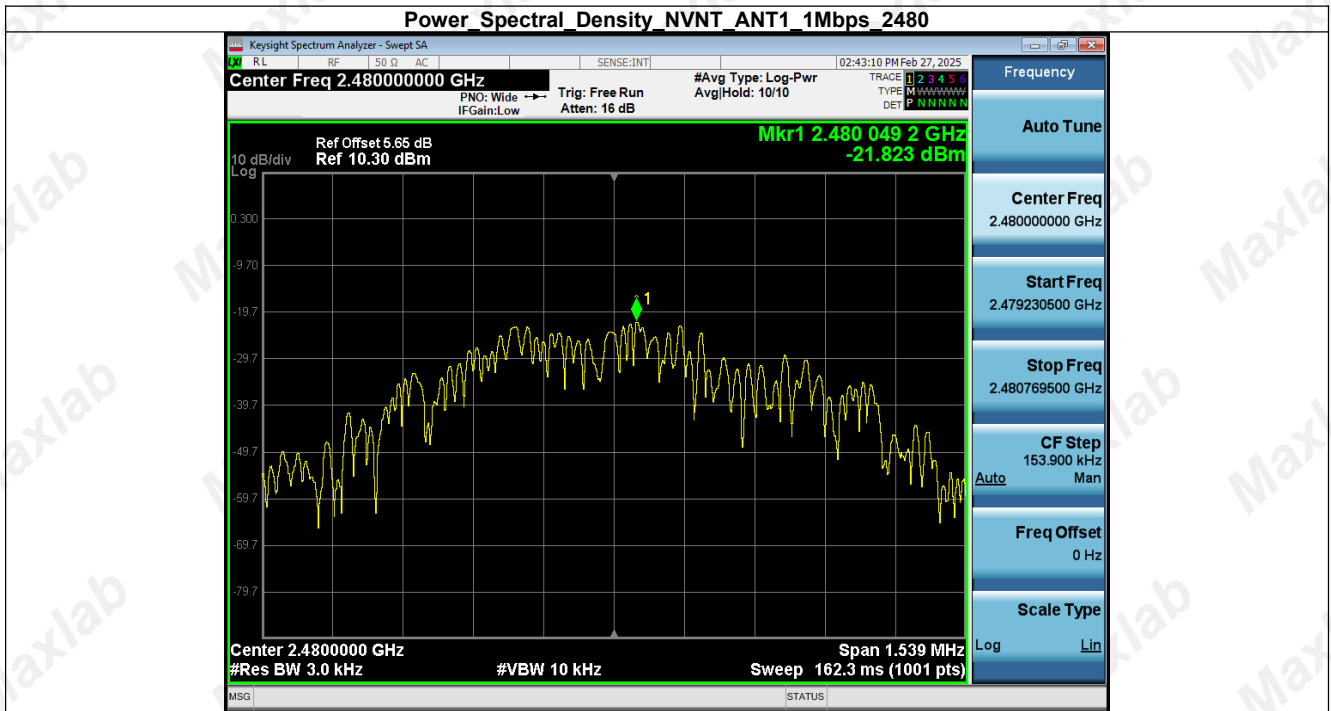




5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-19.59	8	Pass
NVNT	ANT1	1Mbps	2440.00	-21.43	8	Pass
NVNT	ANT1	1Mbps	2480.00	-21.82	8	Pass







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6. Bandedge

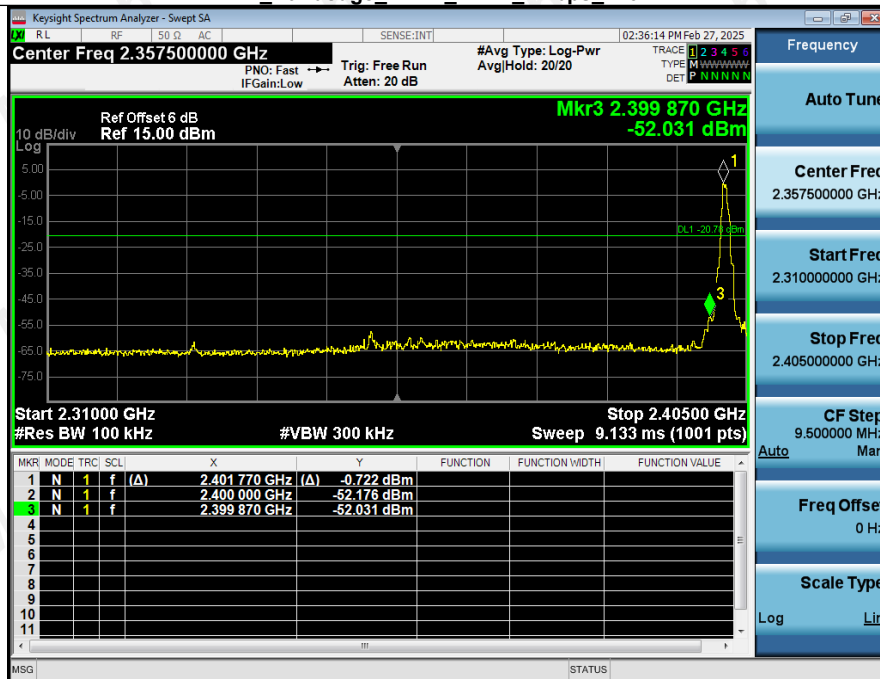
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Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.870	-0.781	-52.031	-20.781	Pass
NVNT	ANT1	1Mbps	2480.00	2486.000	-1.859	-63.628	-21.859	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



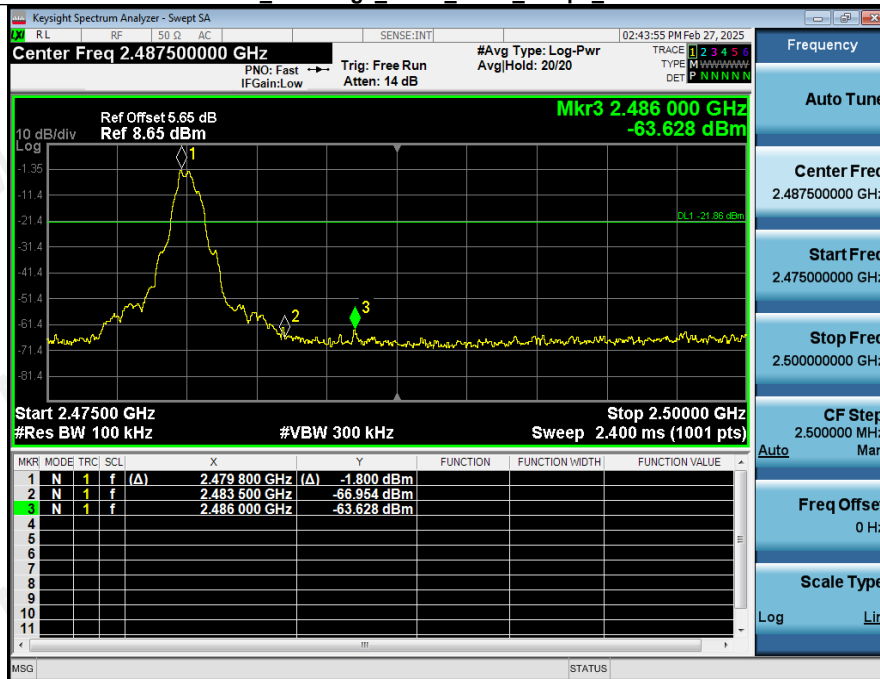
2_Bandedge_NVNT_ANT1_1Mbps_2402



1 Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480



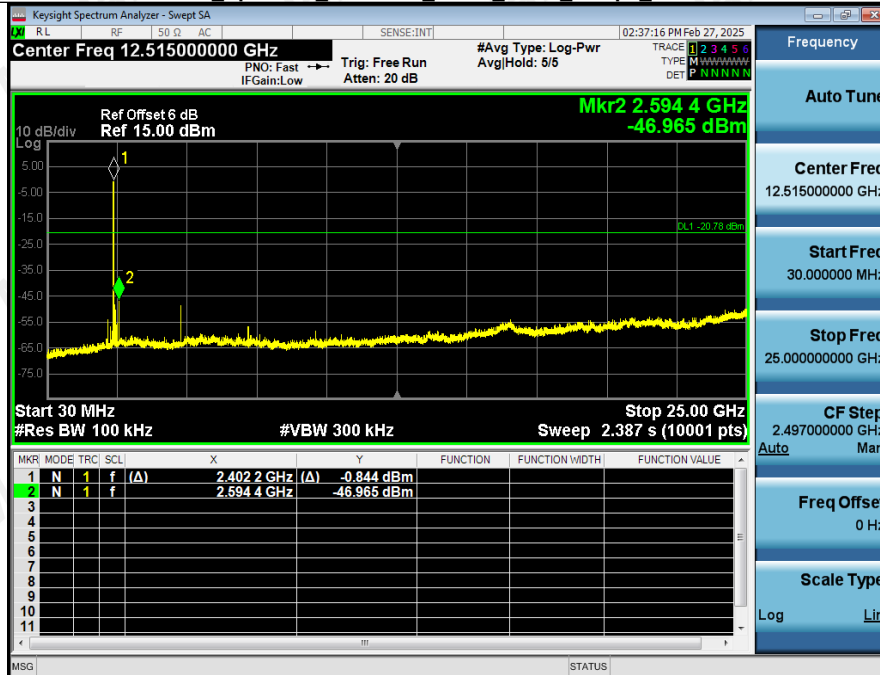
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.781	-46.965	-20.781	Pass
NVNT	ANT1	1Mbps	2440.00	-1.565	-49.975	-21.565	Pass
NVNT	ANT1	1Mbps	2480.00	-1.859	-48.119	-21.859	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



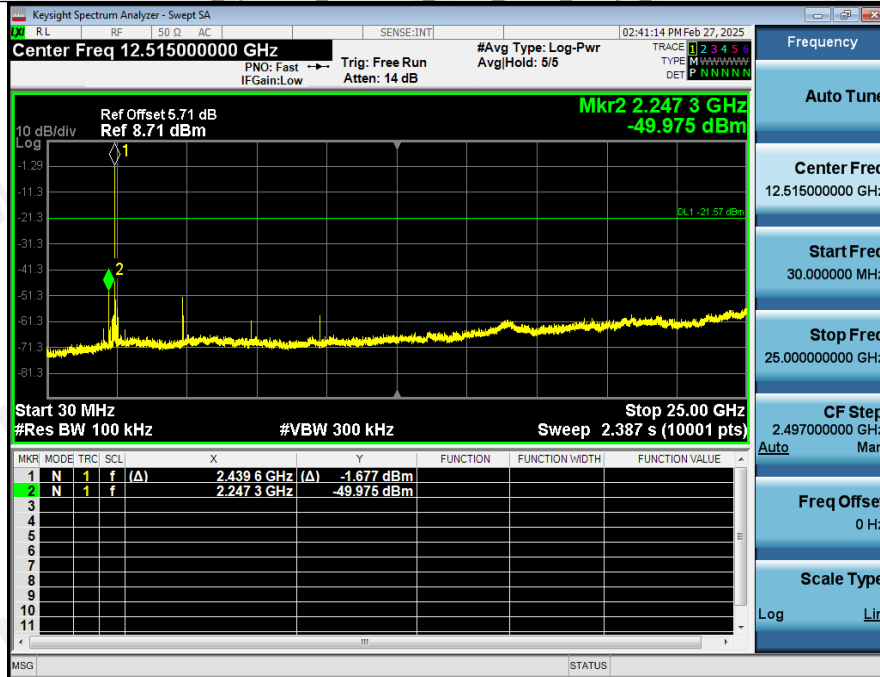
2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



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

