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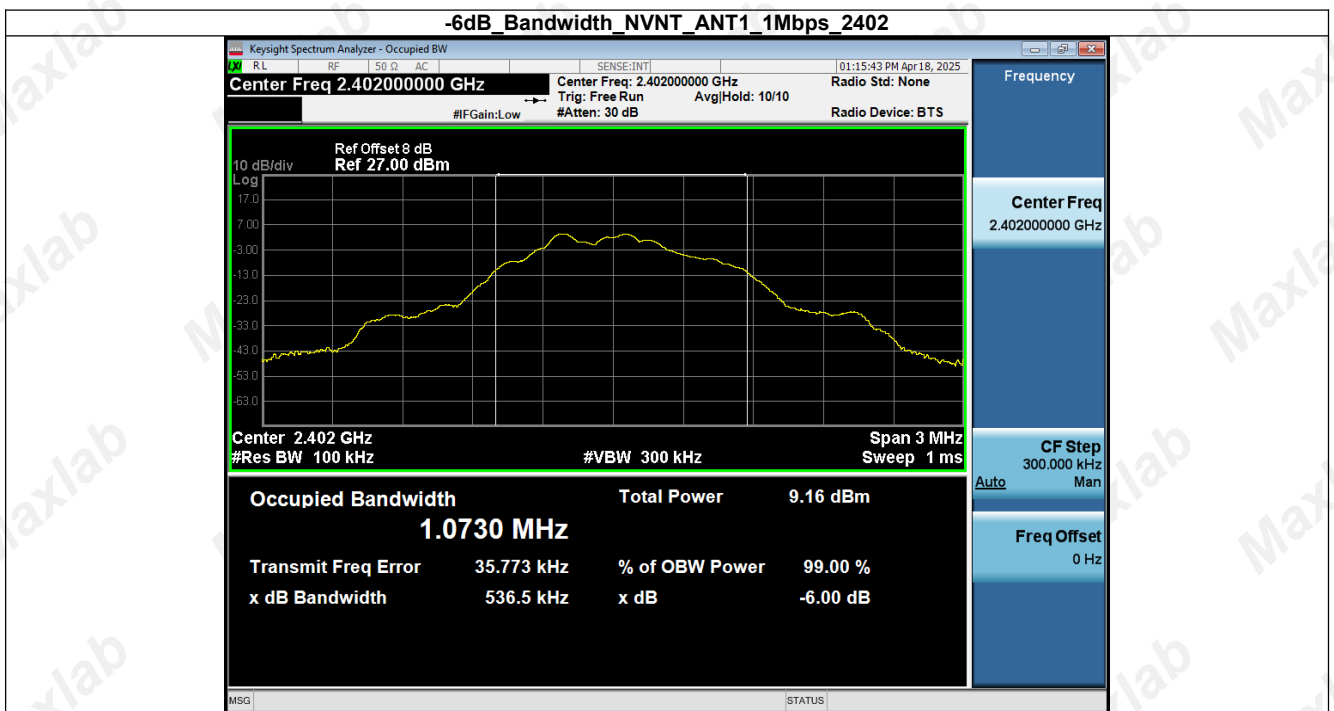
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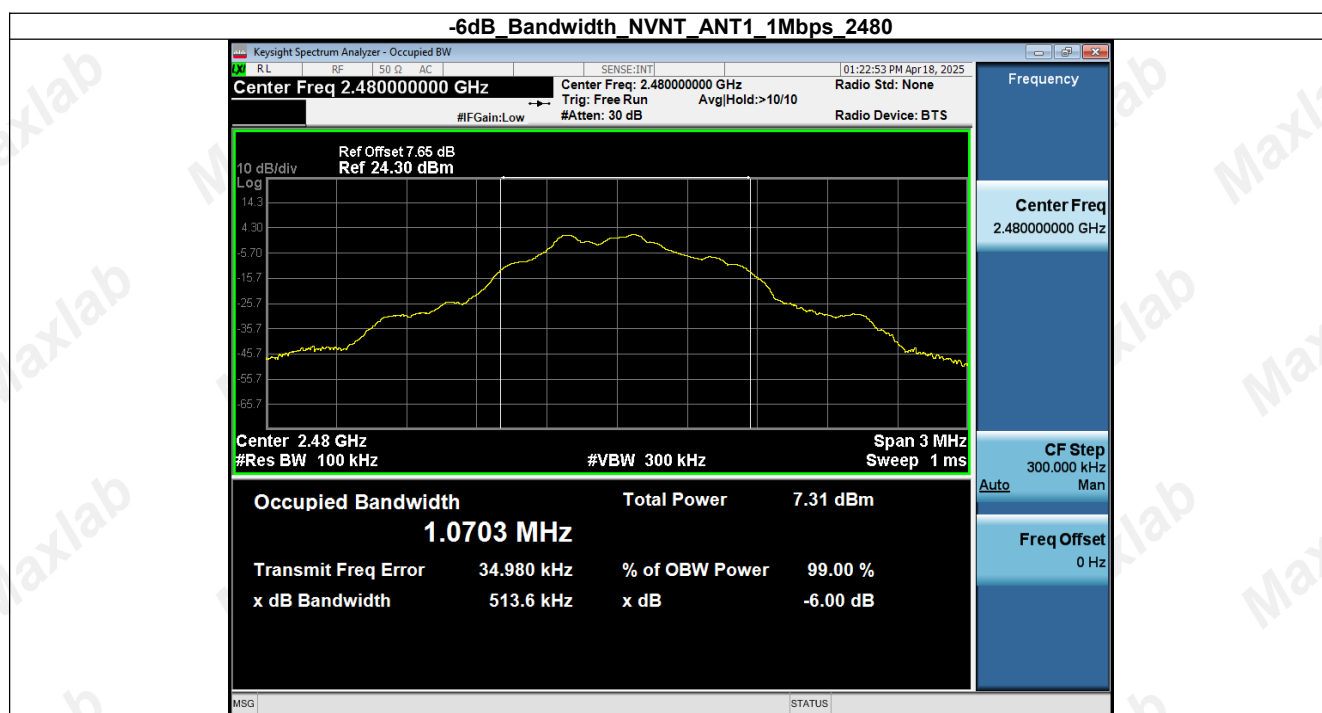
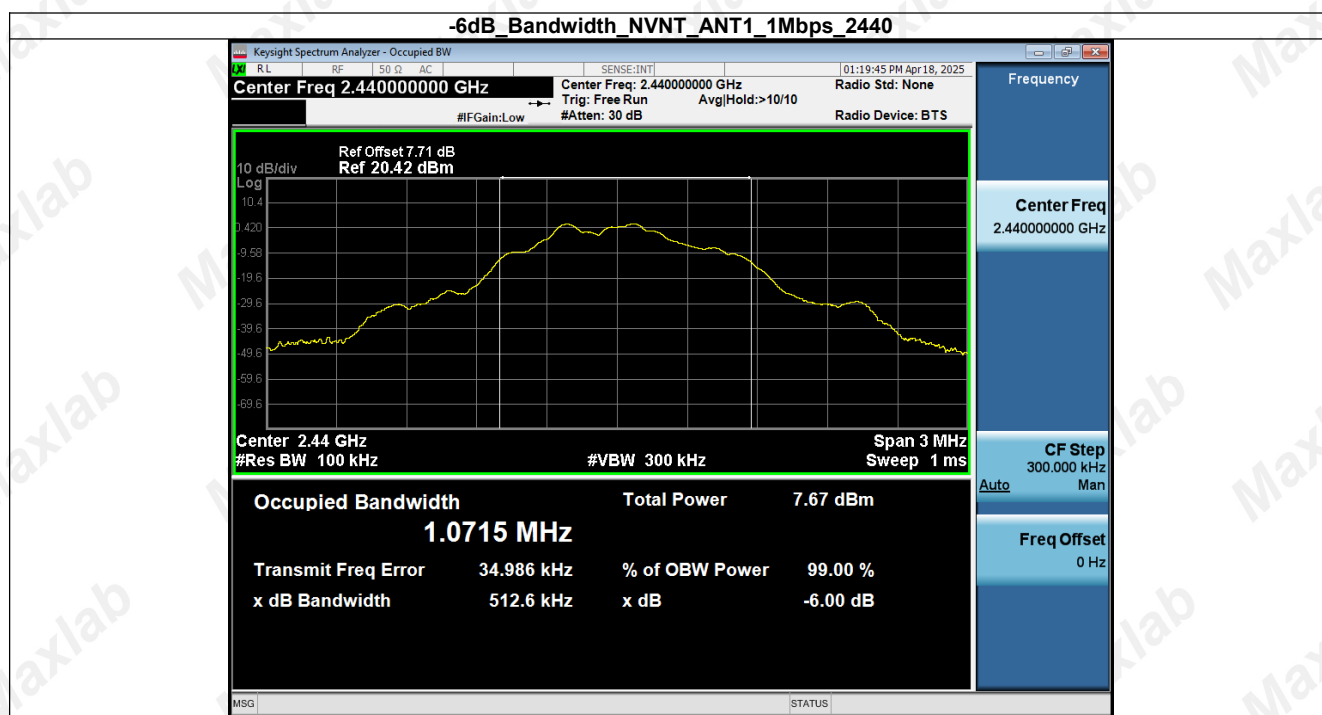
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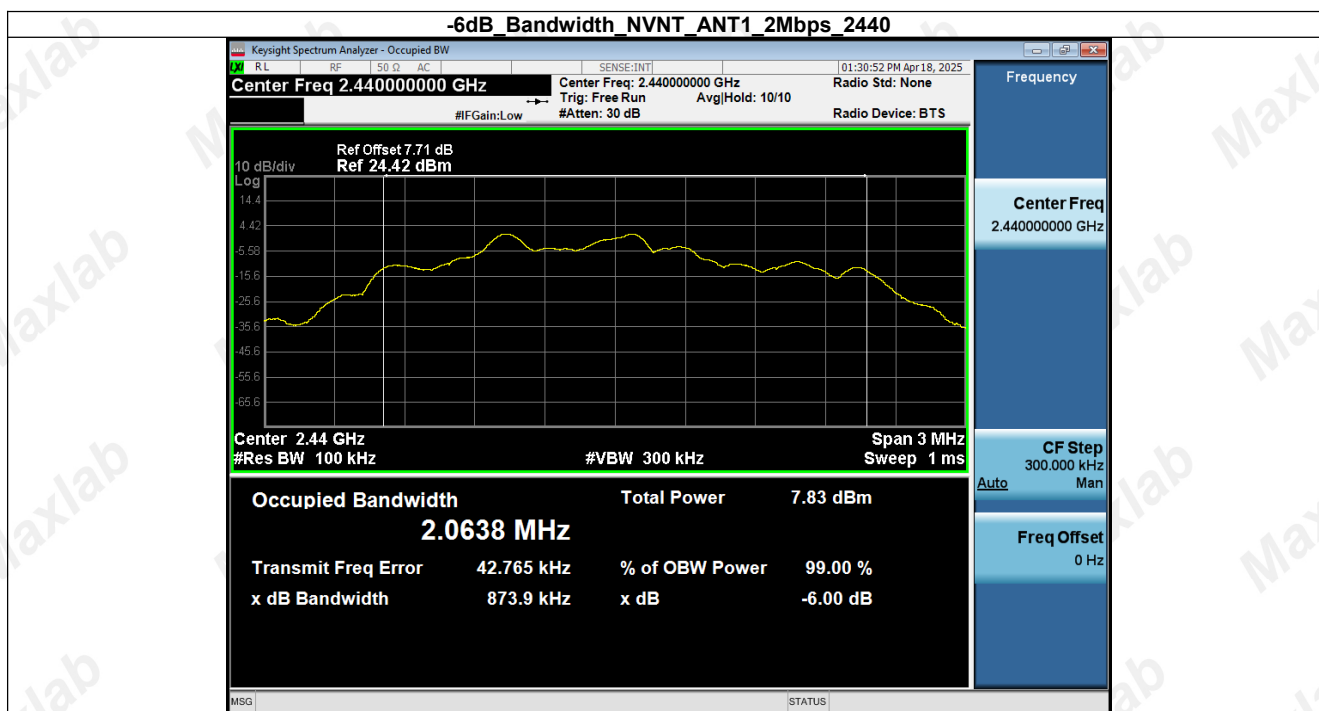
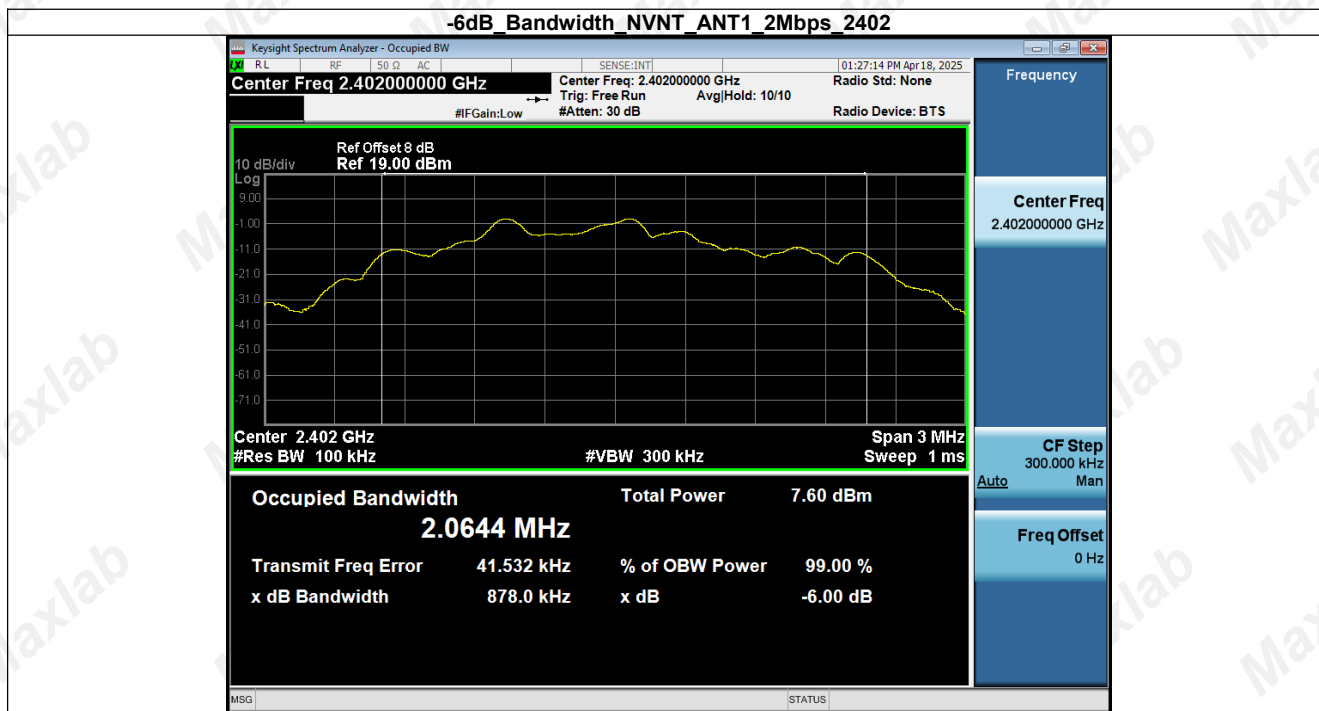
FCC_BLE (Part15.247) Test Data

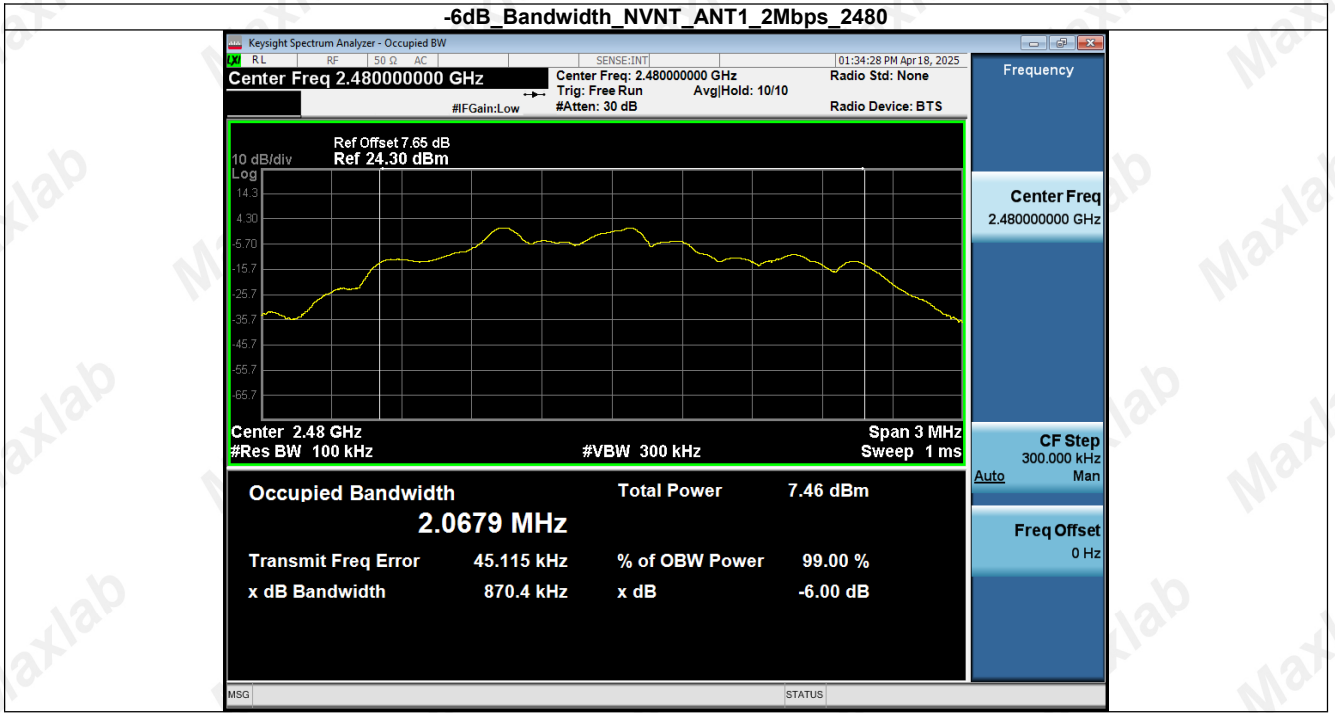
1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	536.49	500	Pass
NVNT	ANT1	1Mbps	2440.00	512.65	500	Pass
NVNT	ANT1	1Mbps	2480.00	513.57	500	Pass
NVNT	ANT1	2Mbps	2402.00	877.97	500	Pass
NVNT	ANT1	2Mbps	2440.00	873.85	500	Pass
NVNT	ANT1	2Mbps	2480.00	870.37	500	Pass



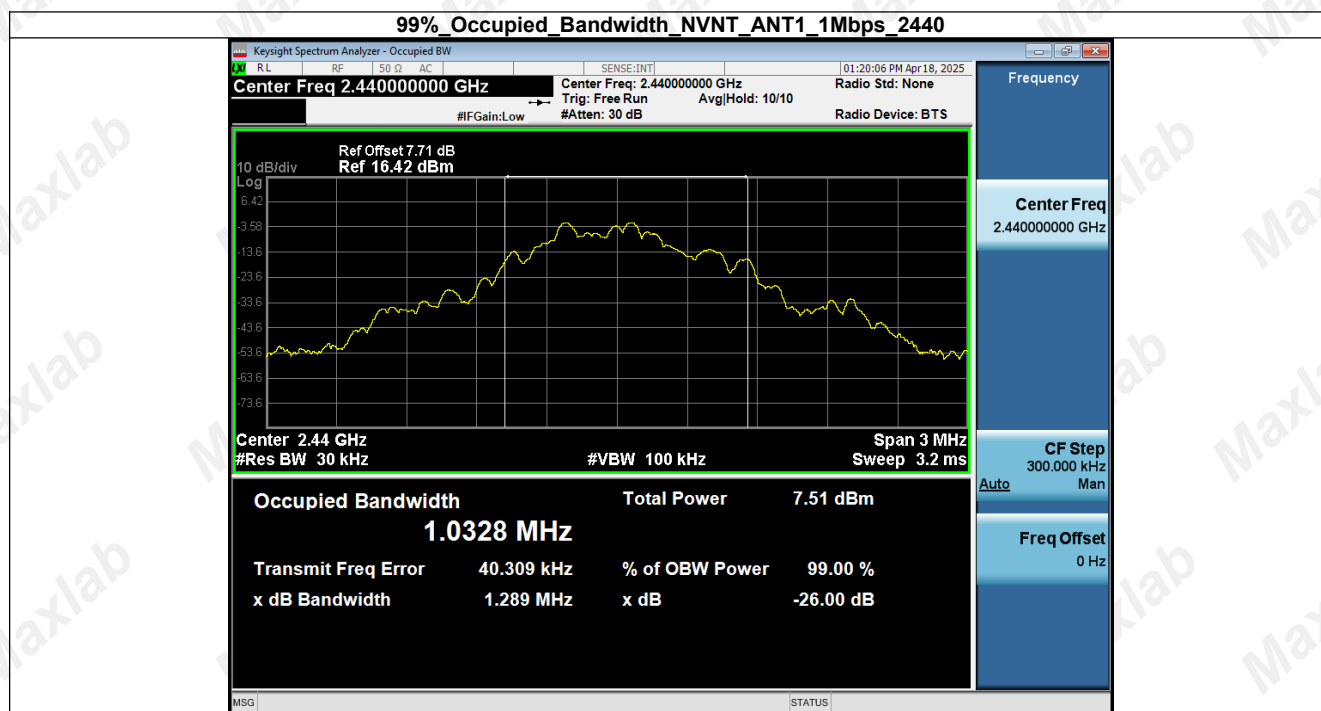
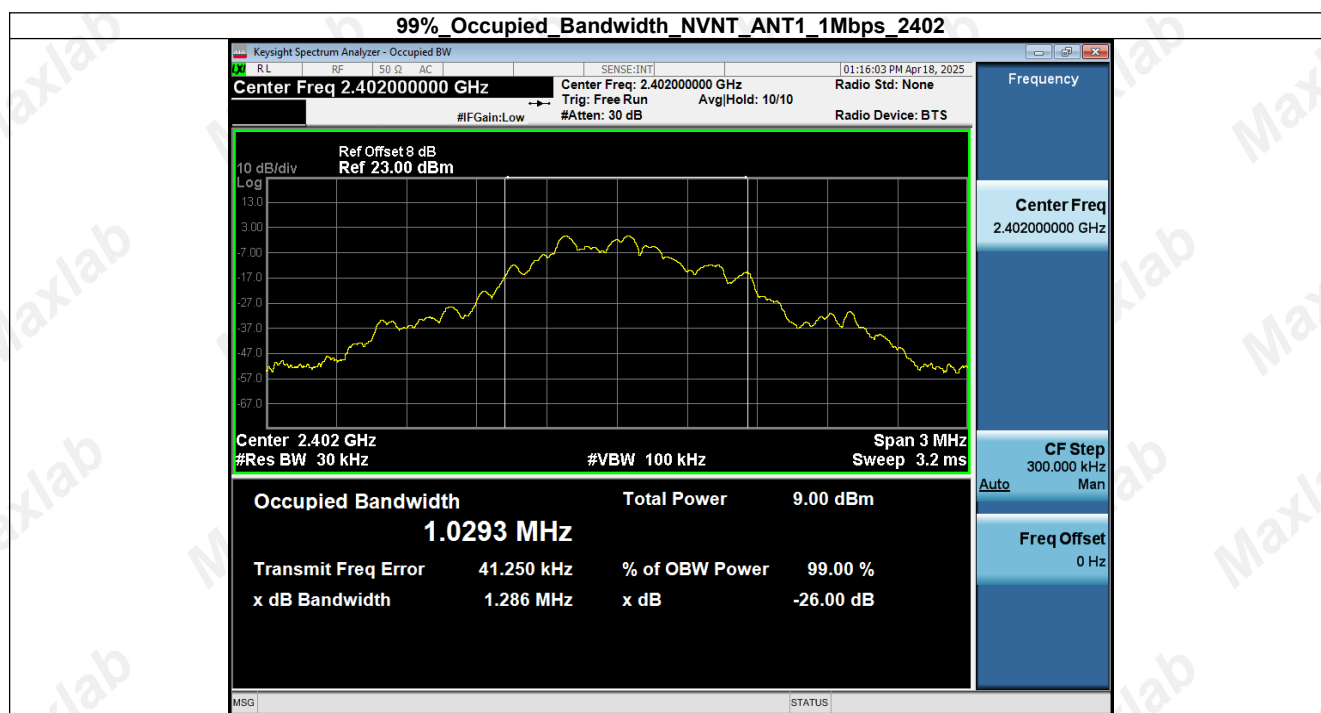


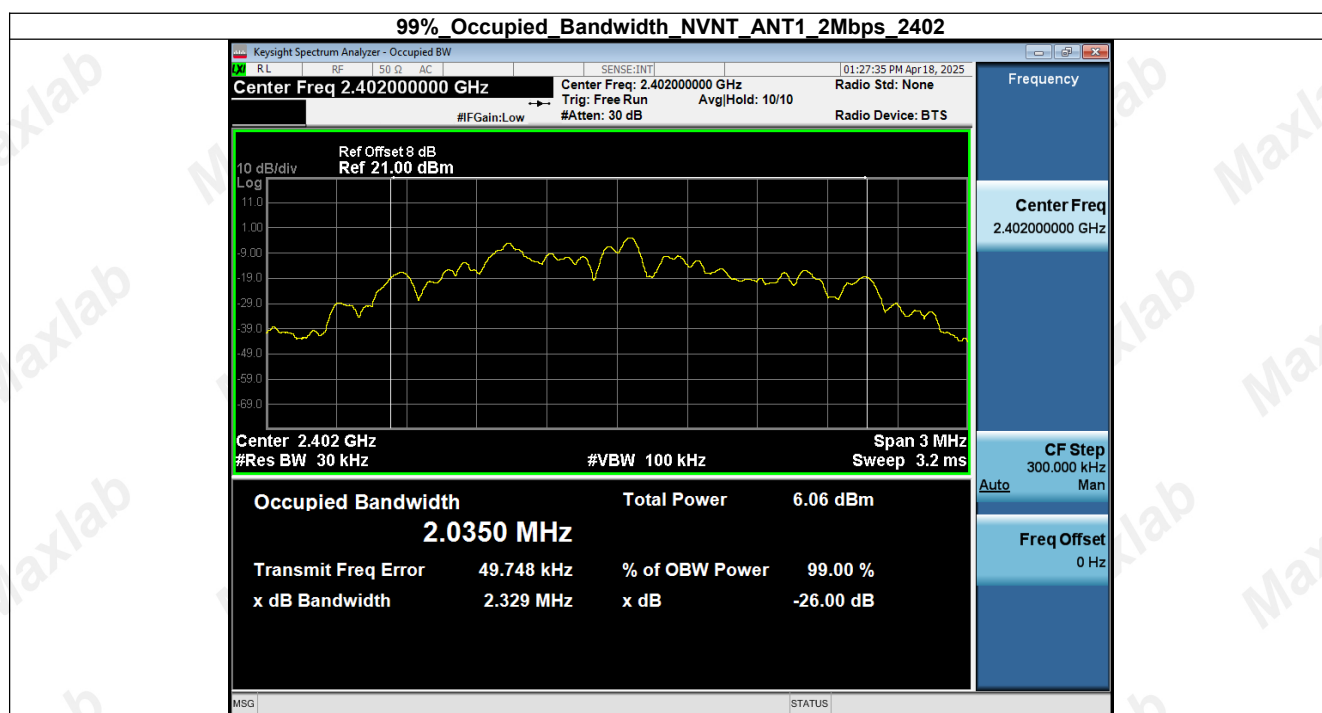
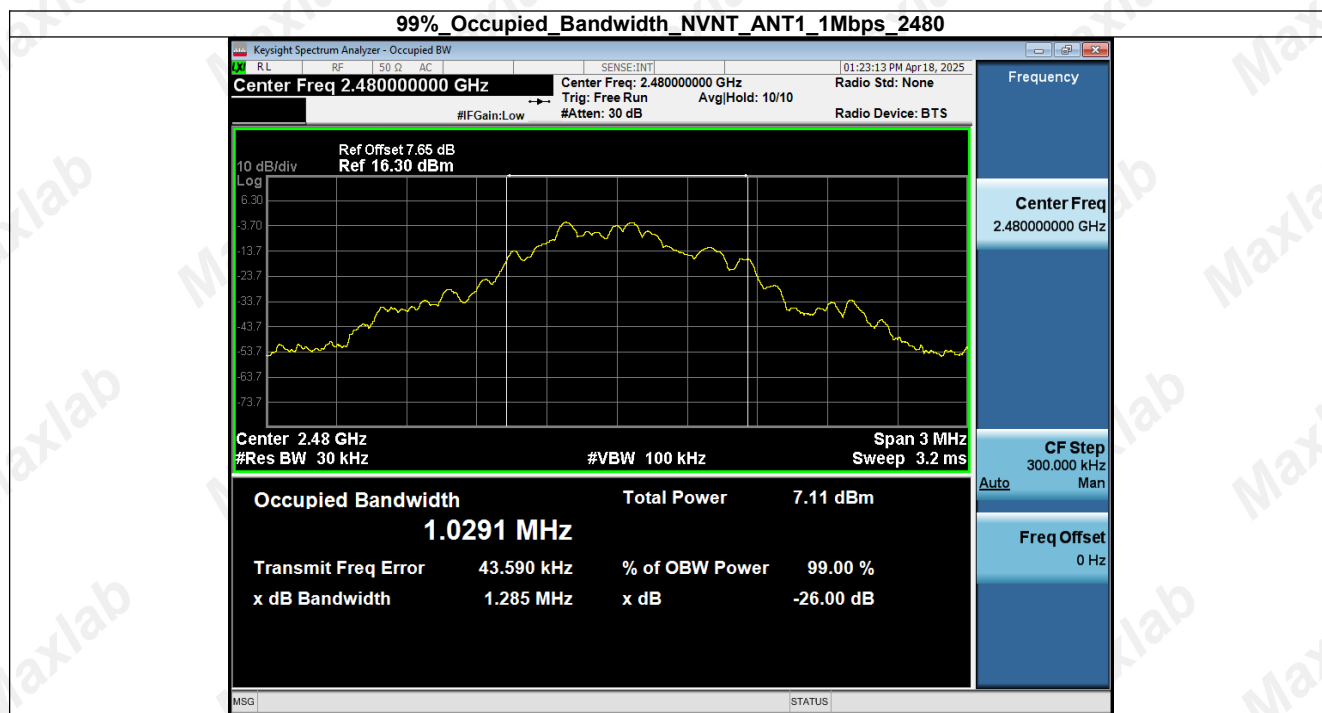


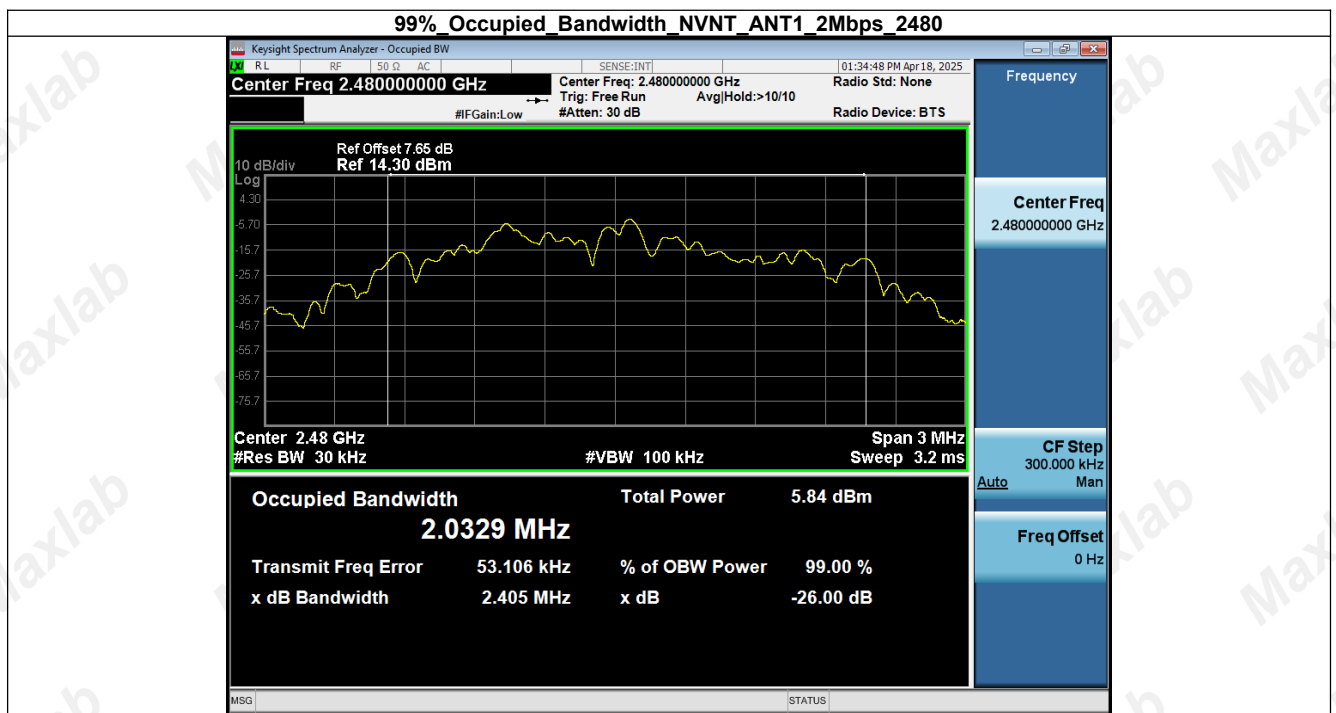
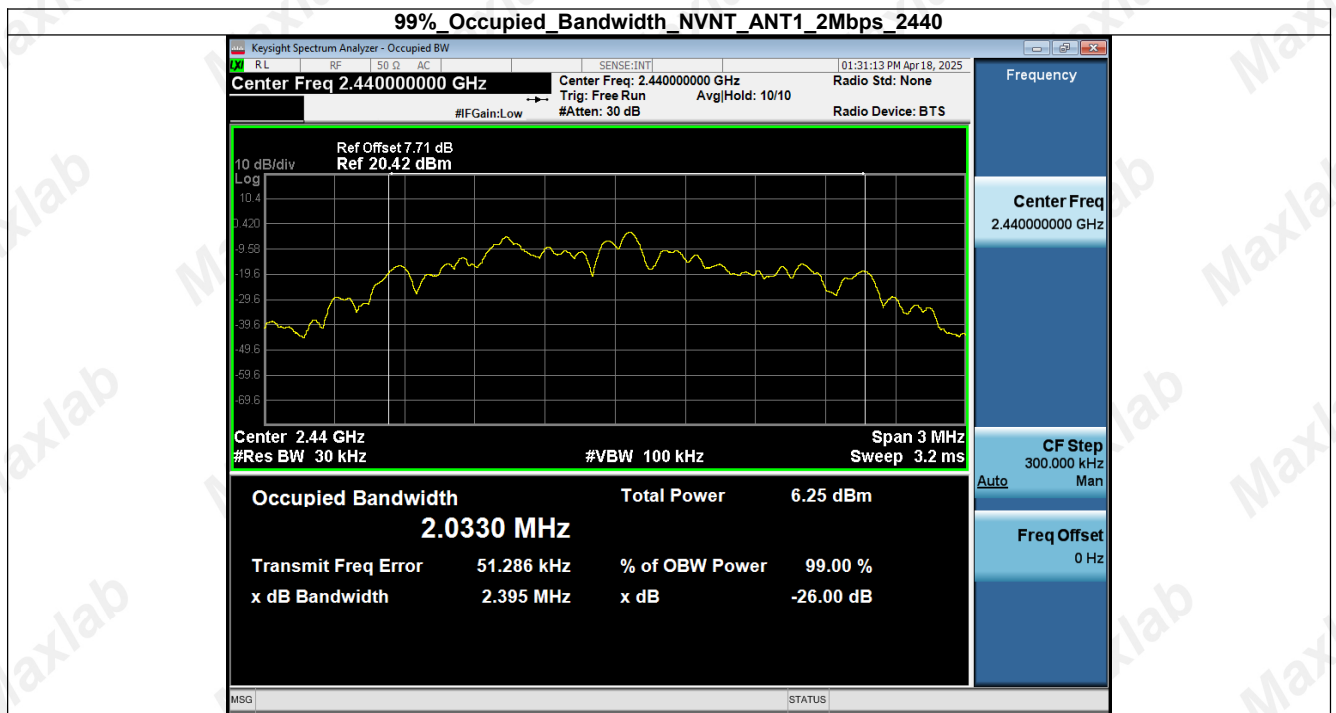


2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.029
NVNT	ANT1	1Mbps	2440.00	1.033
NVNT	ANT1	1Mbps	2480.00	1.029
NVNT	ANT1	2Mbps	2402.00	2.035
NVNT	ANT1	2Mbps	2440.00	2.033
NVNT	ANT1	2Mbps	2480.00	2.033

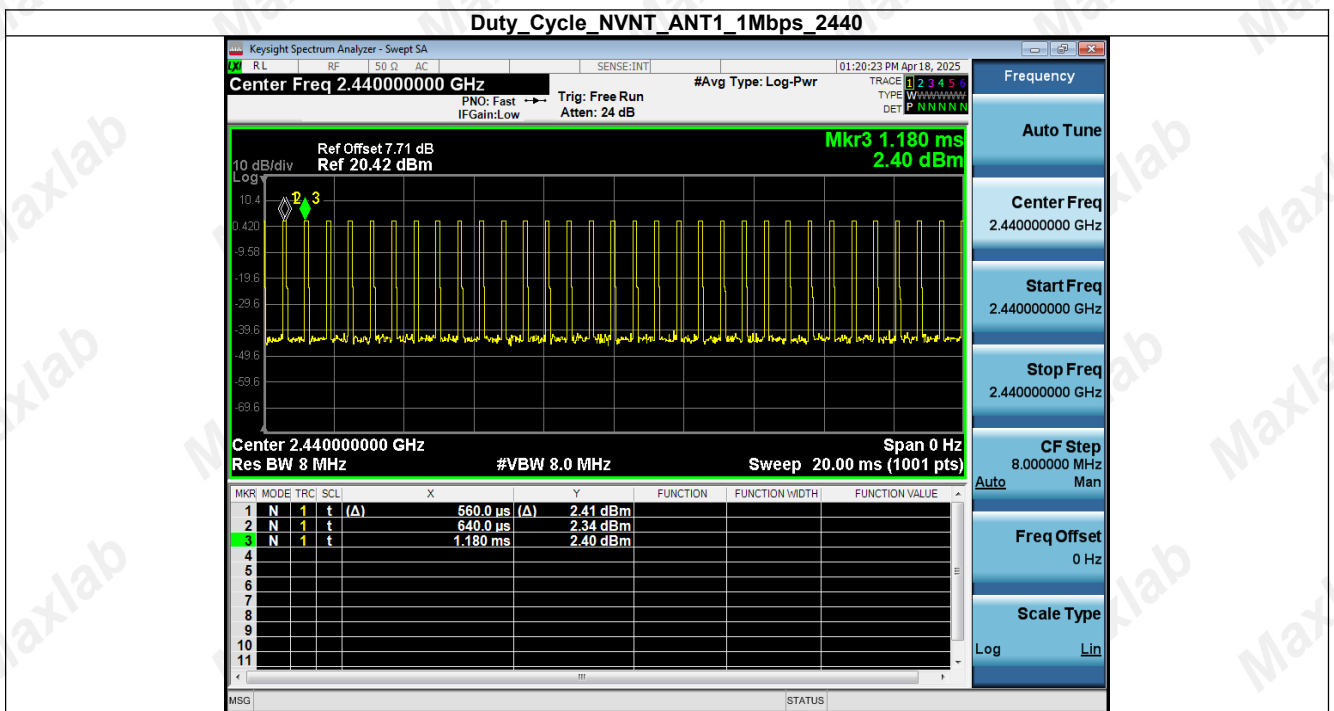
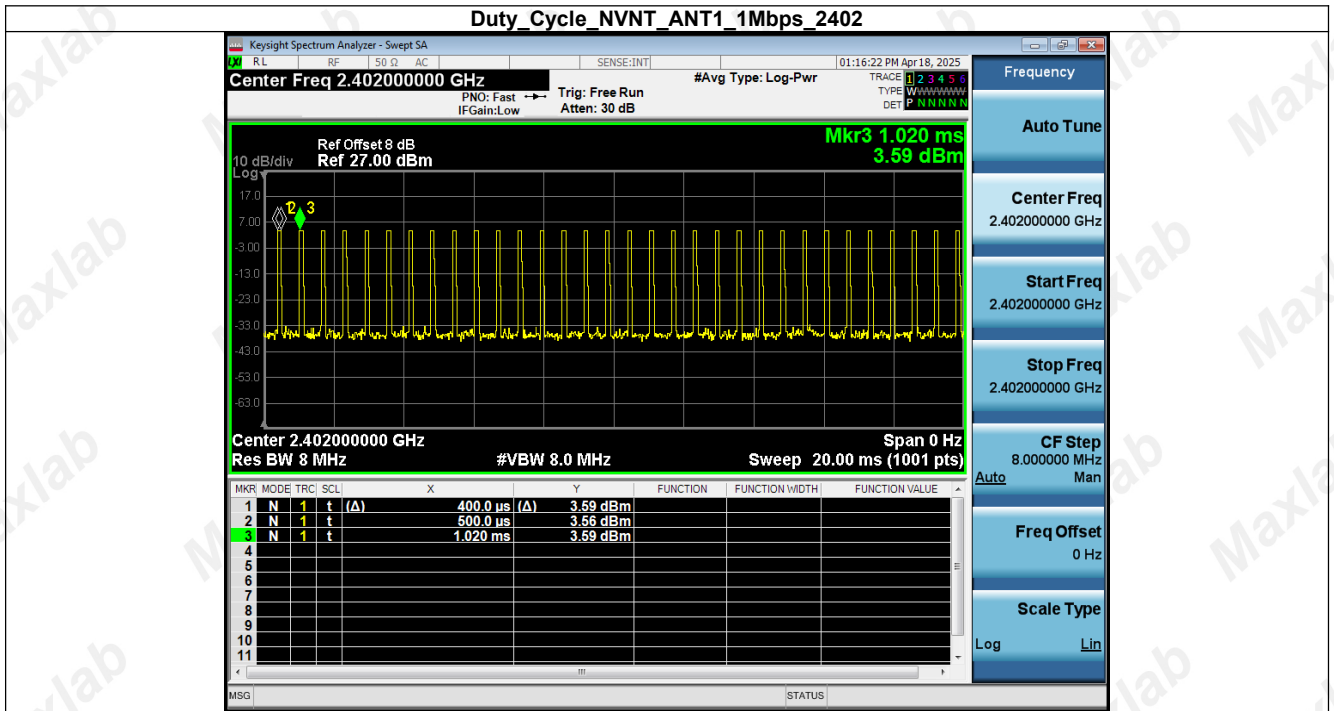


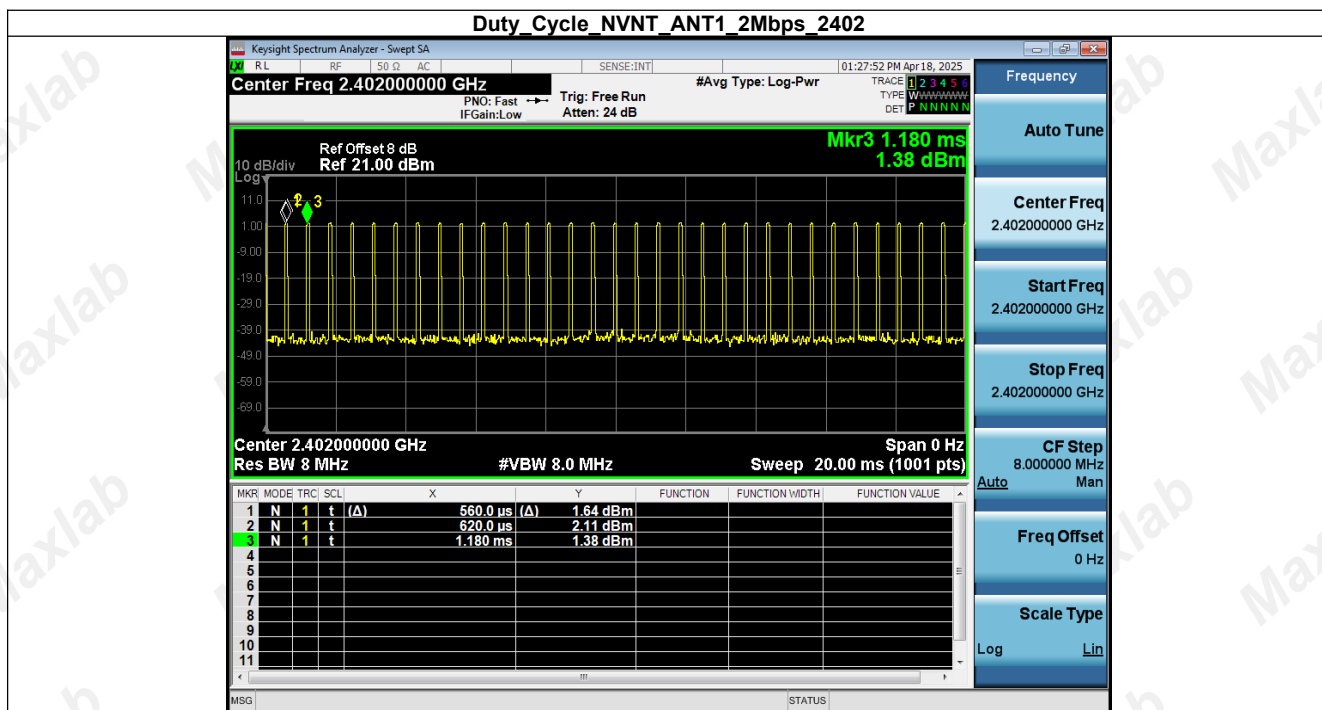
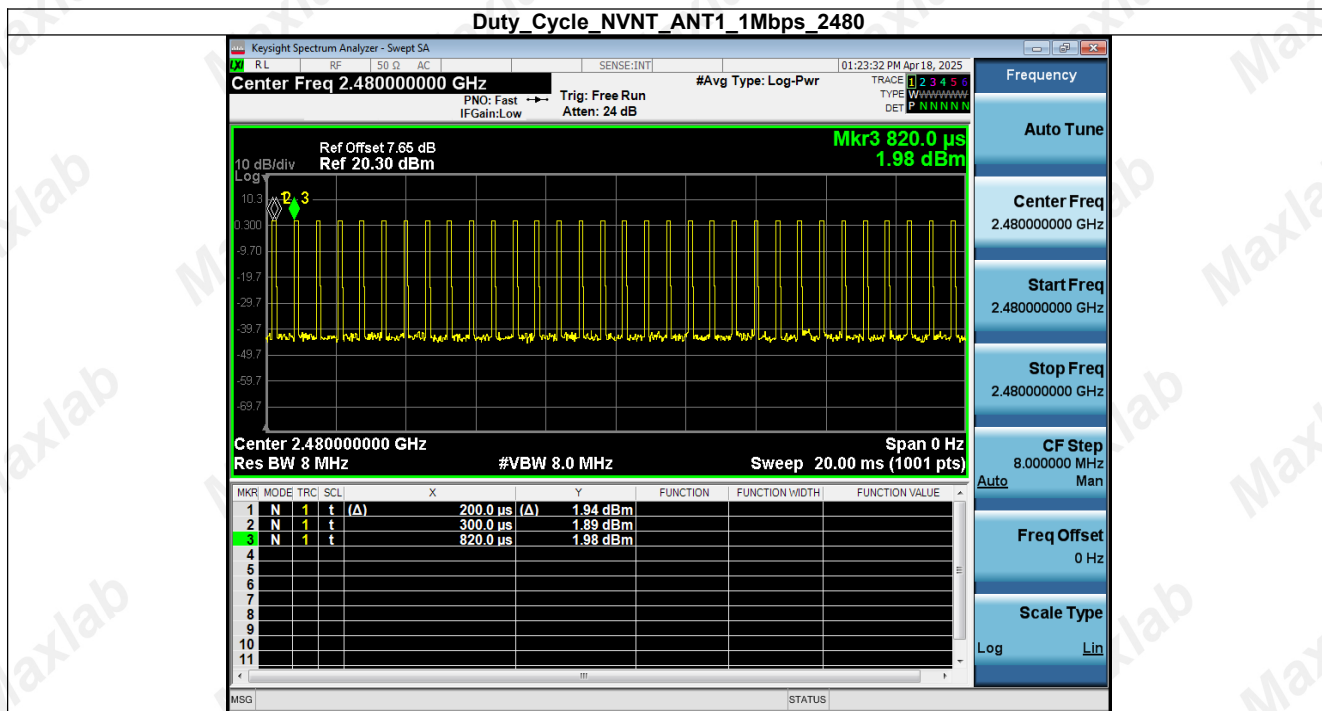




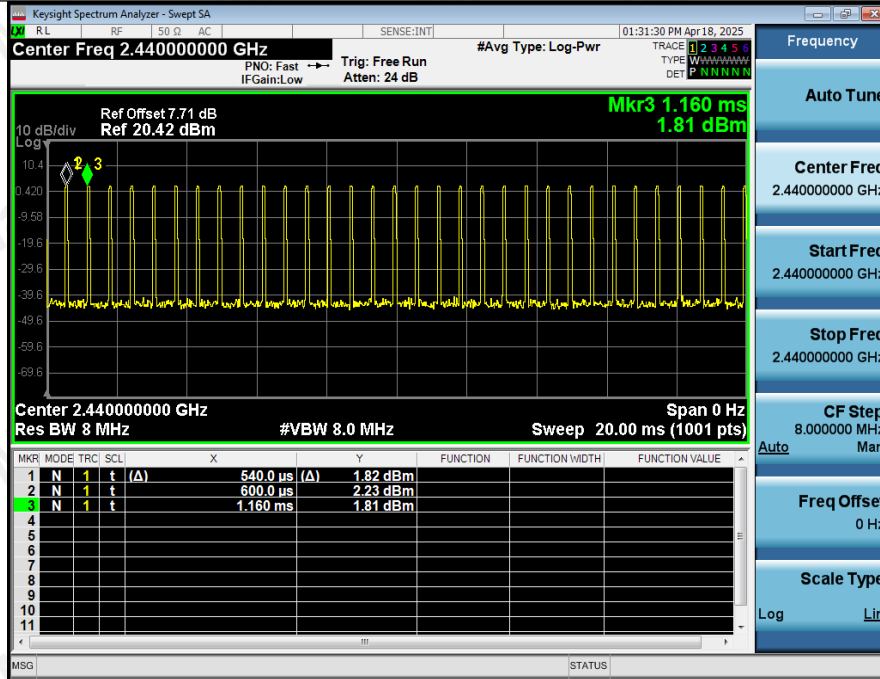
3. Duty Cycle

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
NVNT	ANT1	2Mbps	2402.00	12.90	8.89
NVNT	ANT1	2Mbps	2440.00	9.68	10.14
NVNT	ANT1	2Mbps	2480.00	9.68	10.14

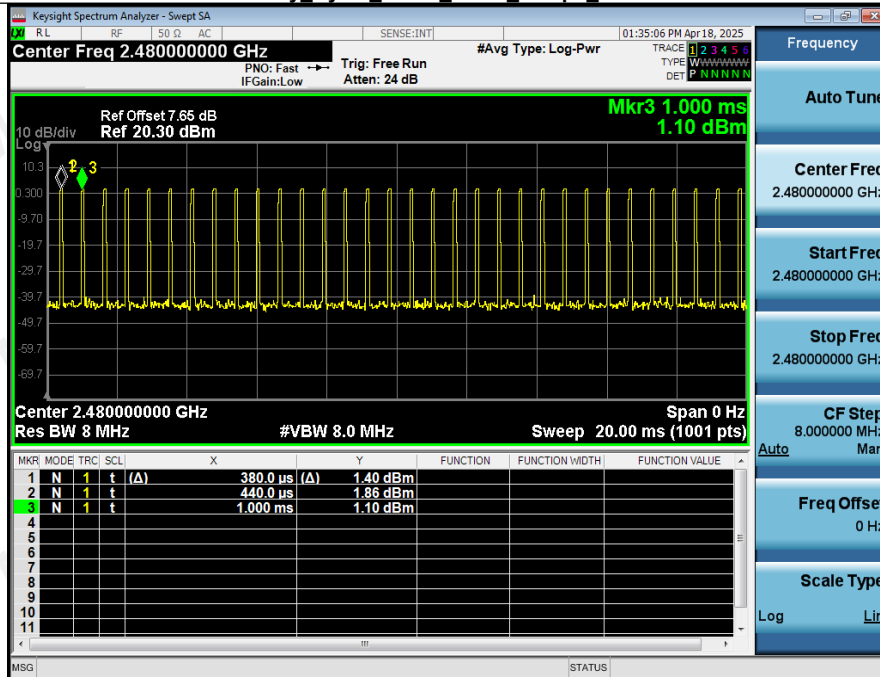




Duty Cycle_NVNT_ANT1_2Mbps_2440

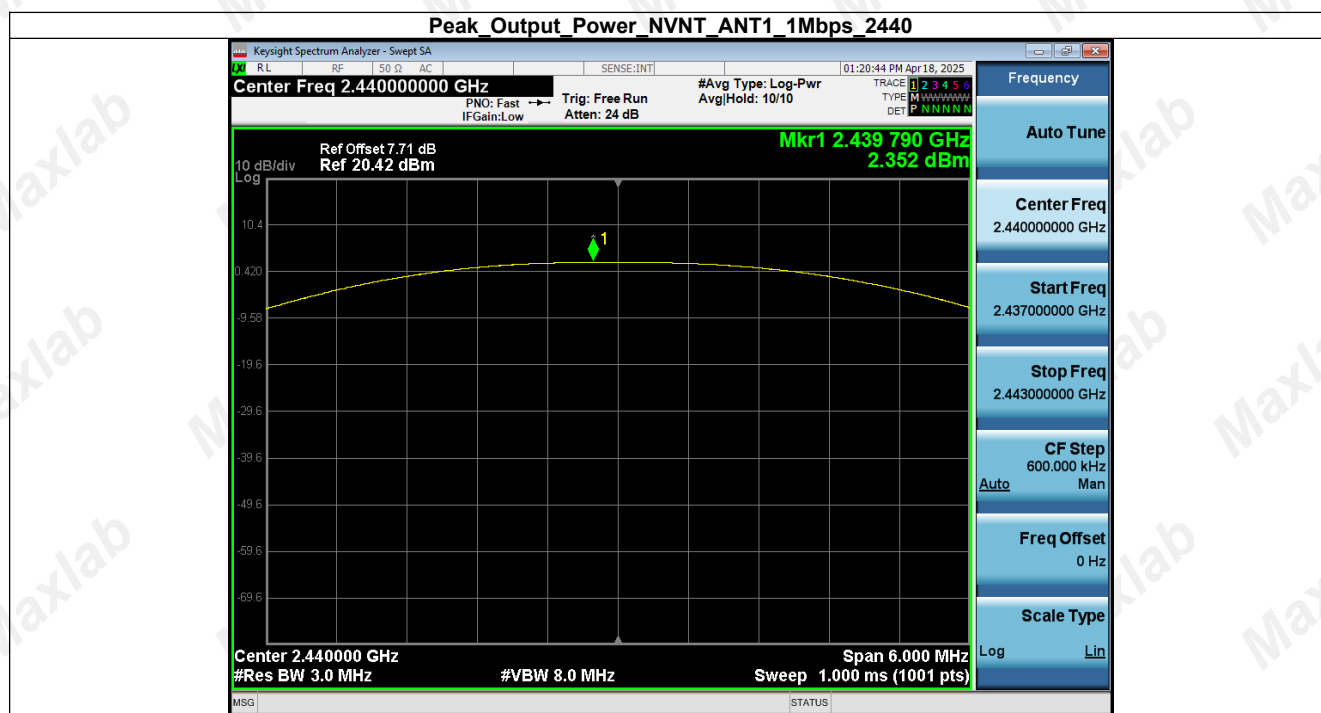
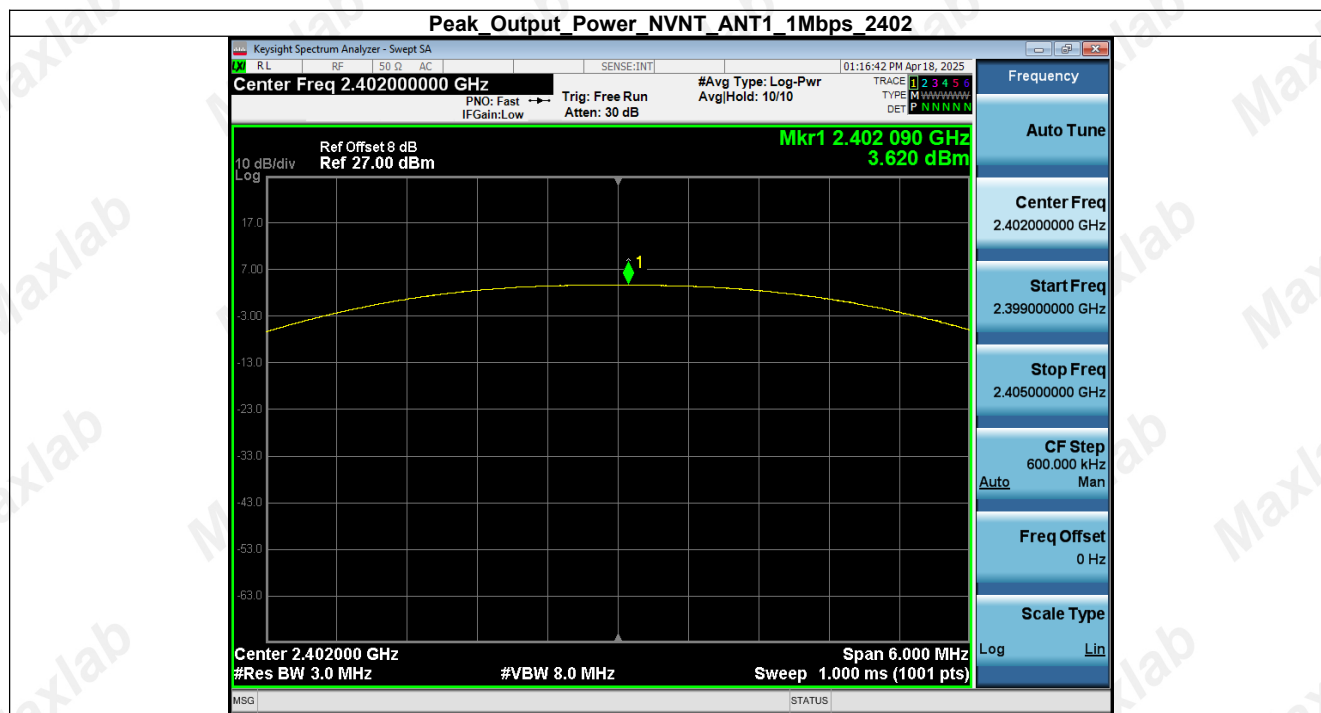


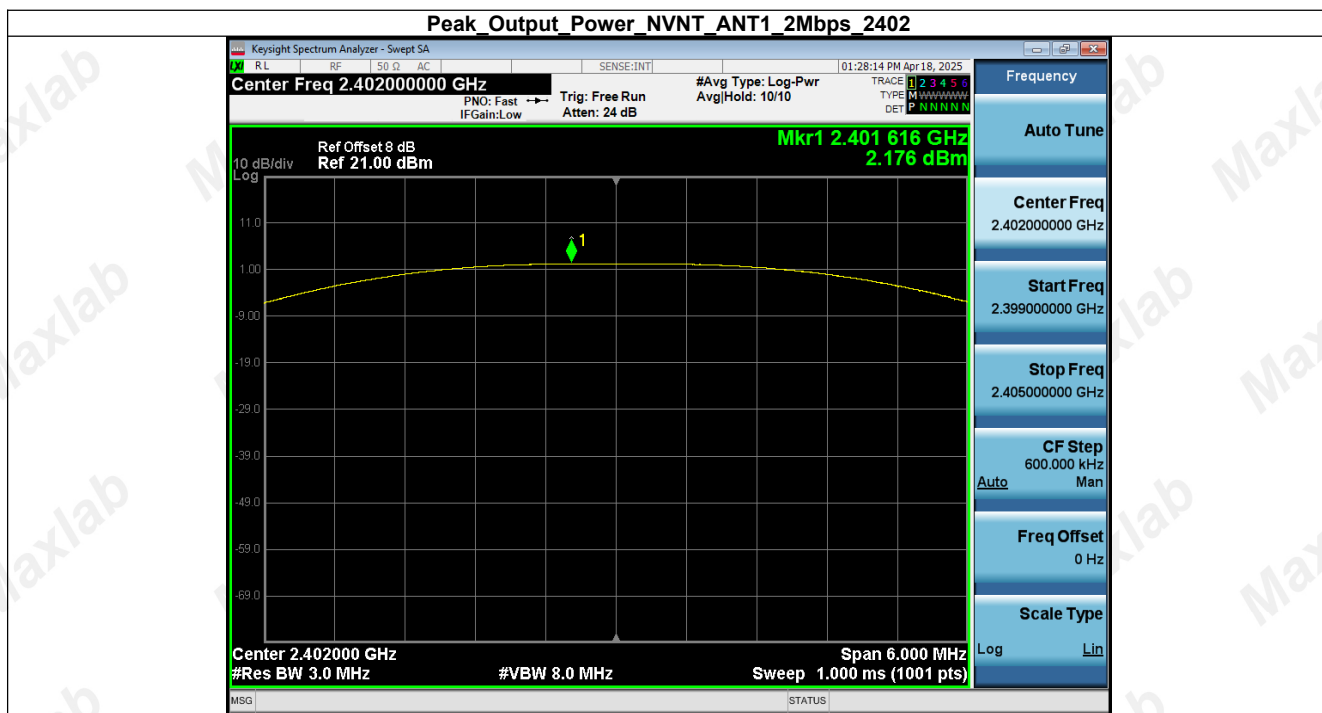
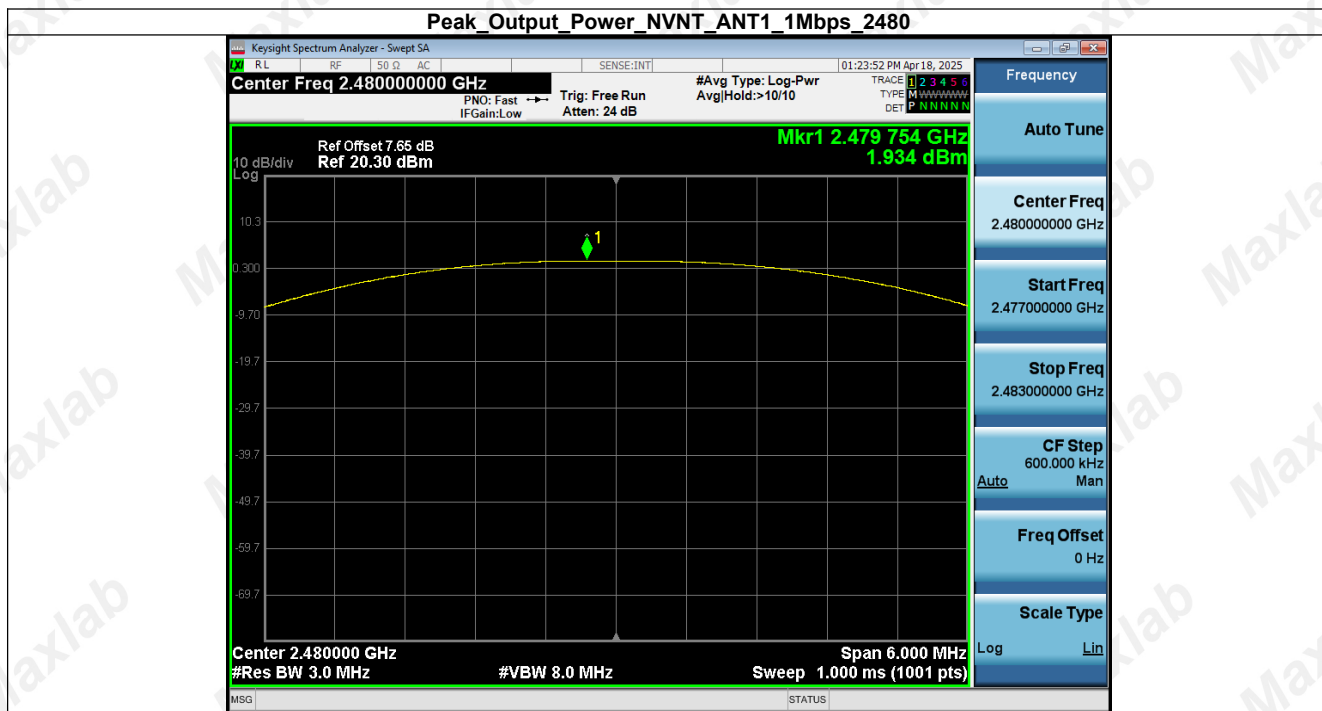
Duty Cycle_NVNT_ANT1_2Mbps_2480

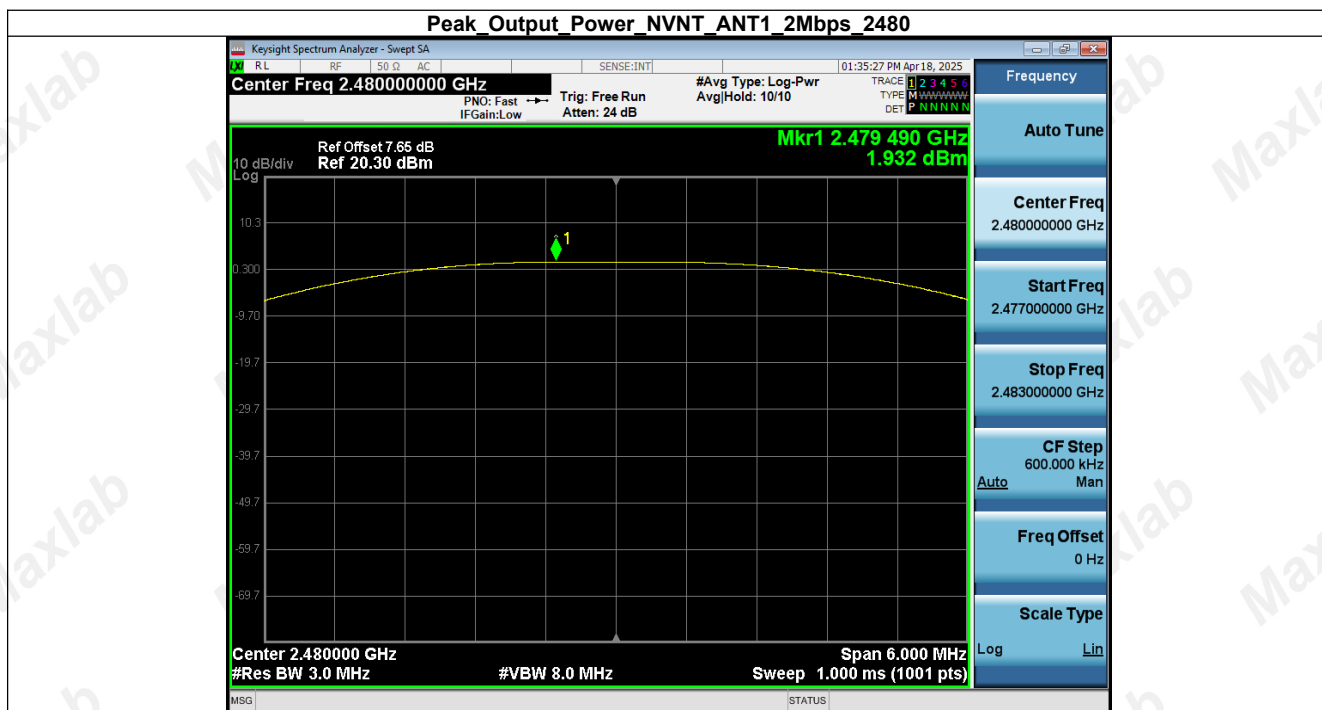
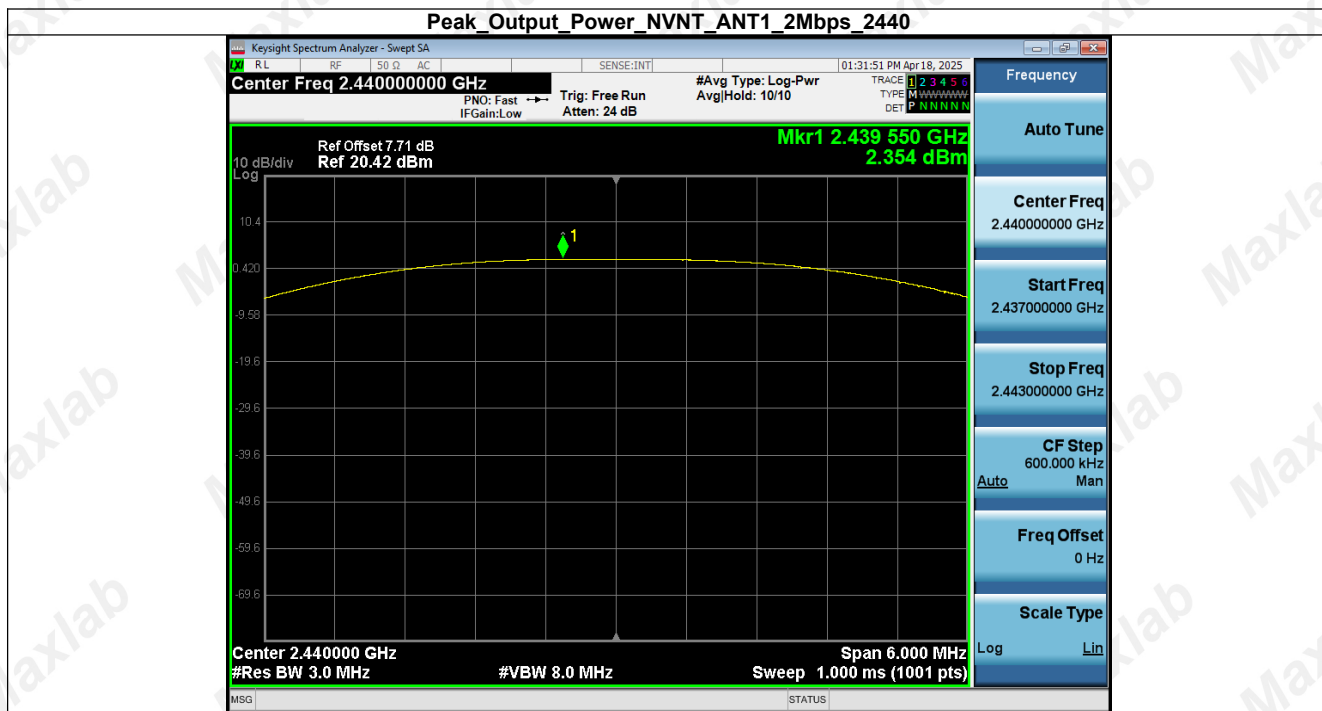


4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	3.62	2.30	1000	Pass
NVNT	ANT1	1Mbps	2440.00	2.35	1.72	1000	Pass
NVNT	ANT1	1Mbps	2480.00	1.93	1.56	1000	Pass
NVNT	ANT1	2Mbps	2402.00	2.18	1.65	1000	Pass
NVNT	ANT1	2Mbps	2440.00	2.35	1.72	1000	Pass
NVNT	ANT1	2Mbps	2480.00	1.93	1.56	1000	Pass

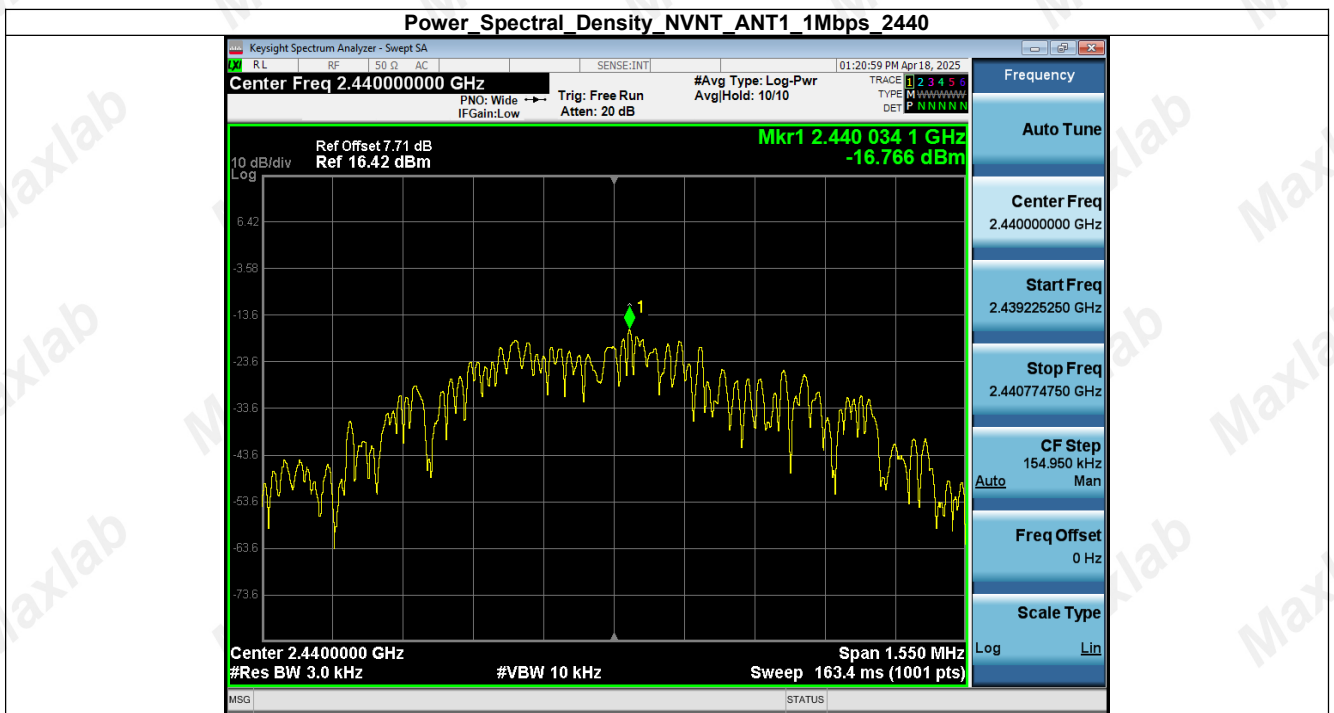
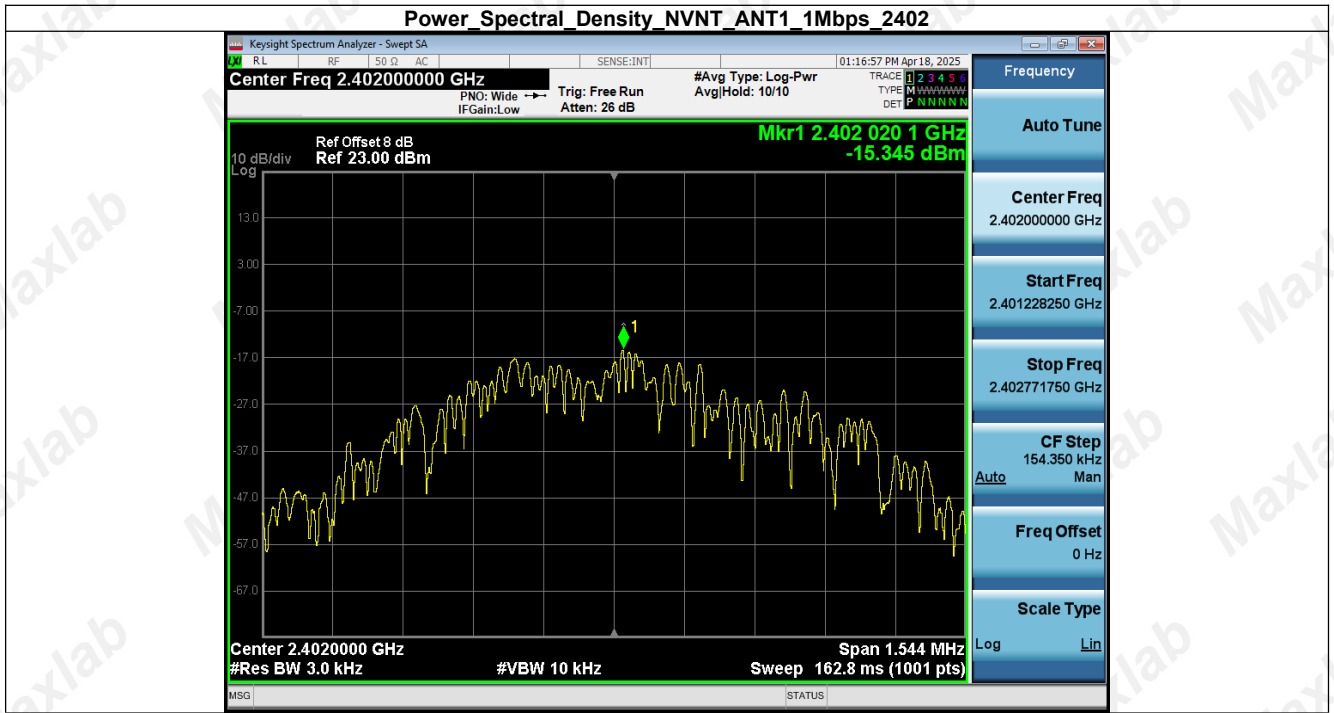


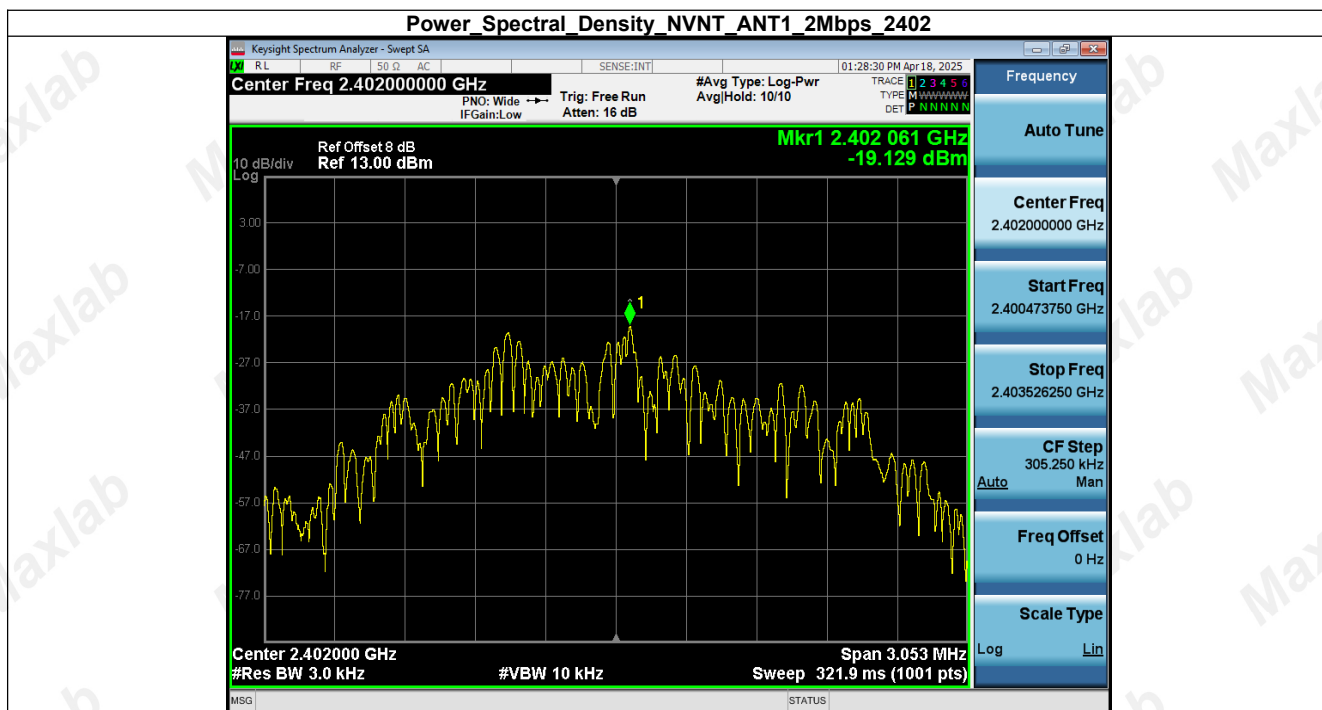
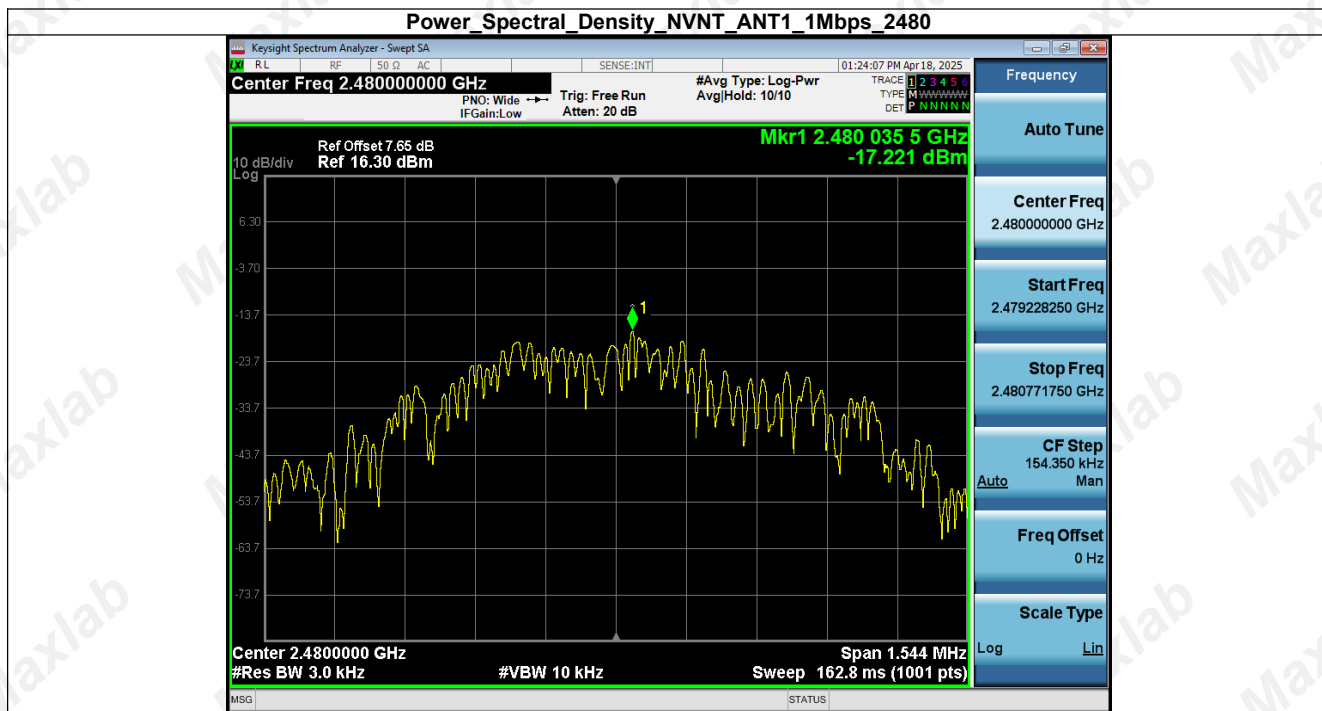


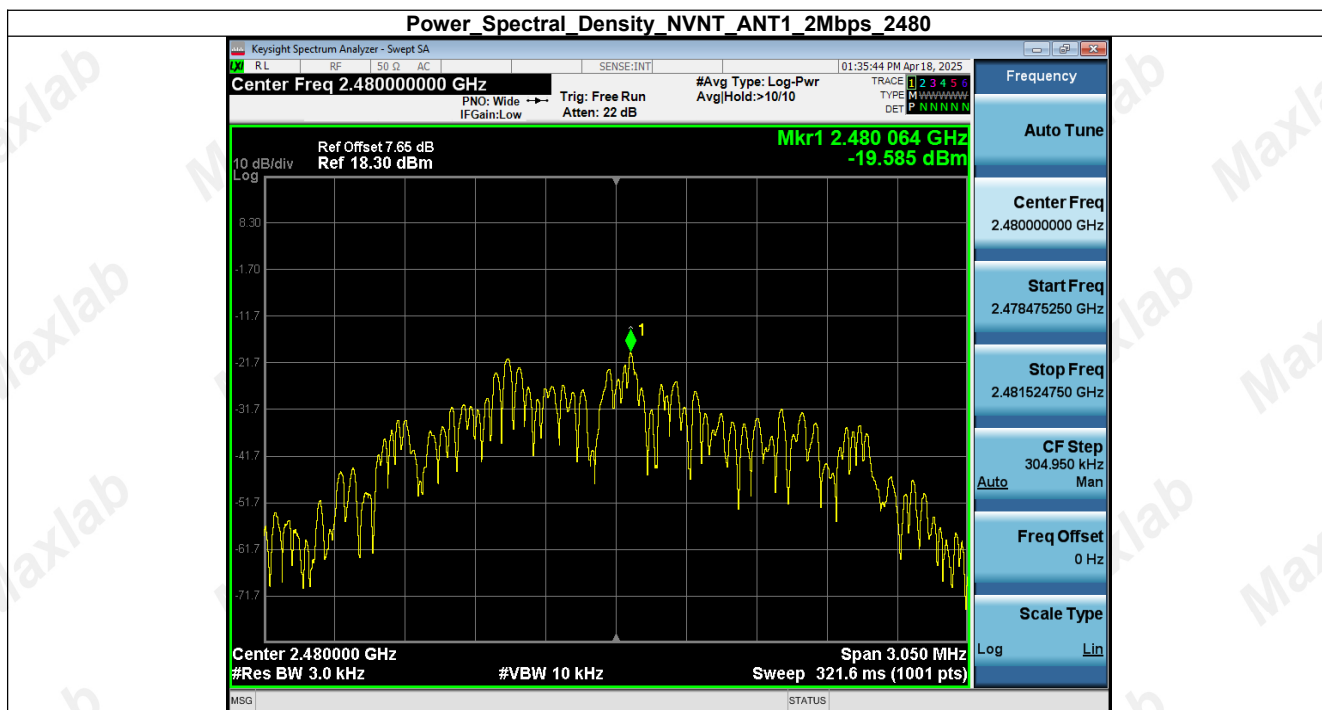
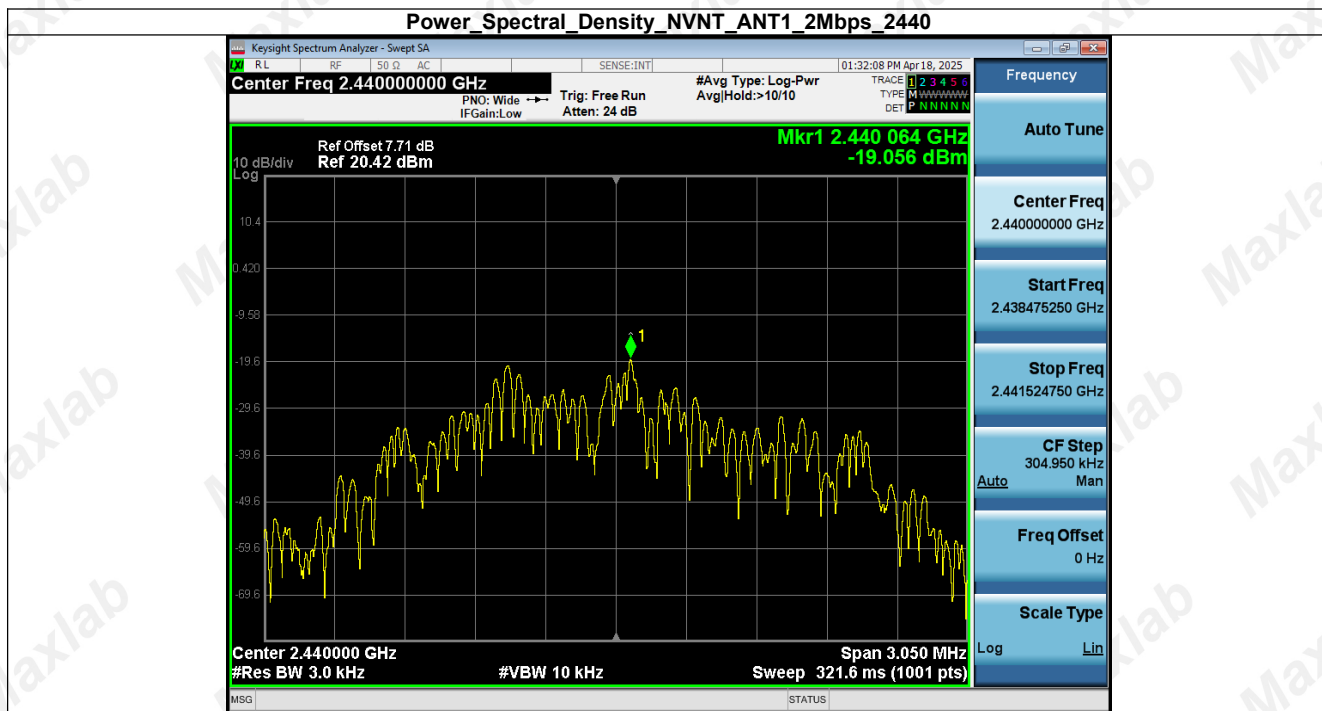


5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-15.35	8	Pass
NVNT	ANT1	1Mbps	2440.00	-16.77	8	Pass
NVNT	ANT1	1Mbps	2480.00	-17.22	8	Pass
NVNT	ANT1	2Mbps	2402.00	-19.13	8	Pass
NVNT	ANT1	2Mbps	2440.00	-19.06	8	Pass
NVNT	ANT1	2Mbps	2480.00	-19.59	8	Pass



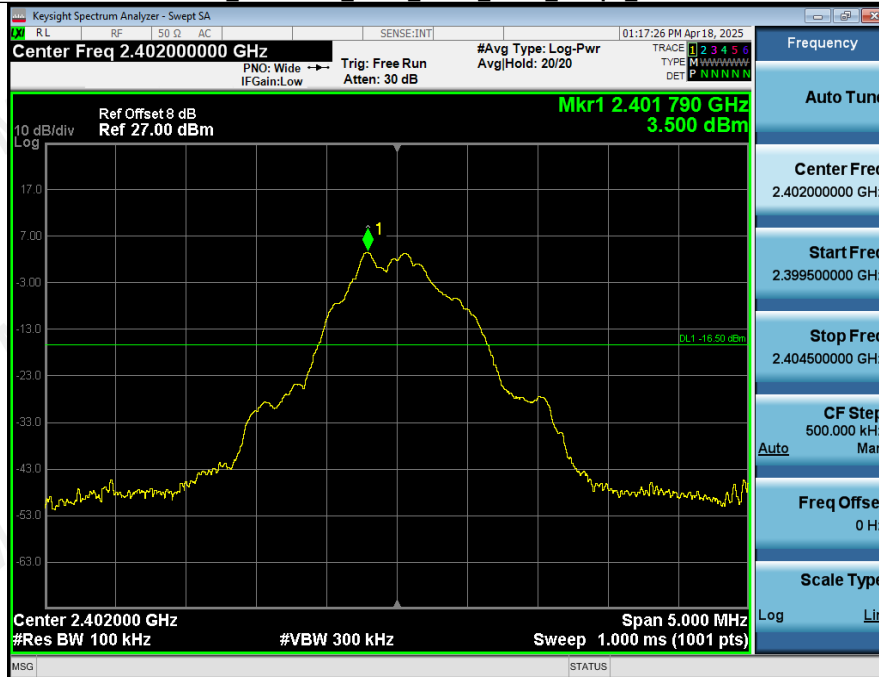




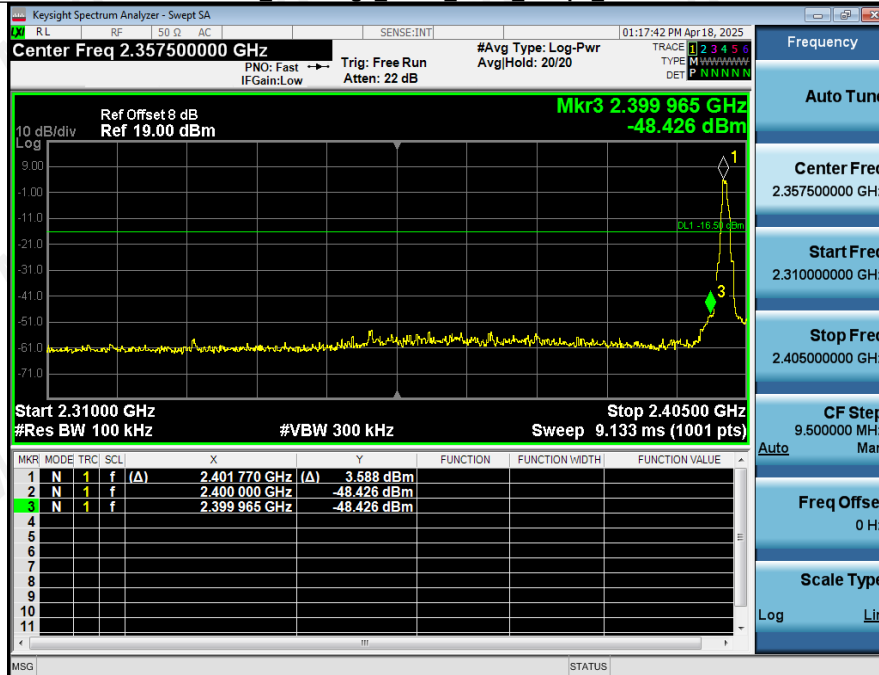
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.965	3.500	-48.426	-16.500	Pass
NVNT	ANT1	1Mbps	2480.00	2494.375	1.723	-58.581	-18.277	Pass
NVNT	ANT1	2Mbps	2402.00	2399.965	1.034	-32.454	-18.966	Pass
NVNT	ANT1	2Mbps	2480.00	2485.475	0.905	-48.274	-19.095	Pass

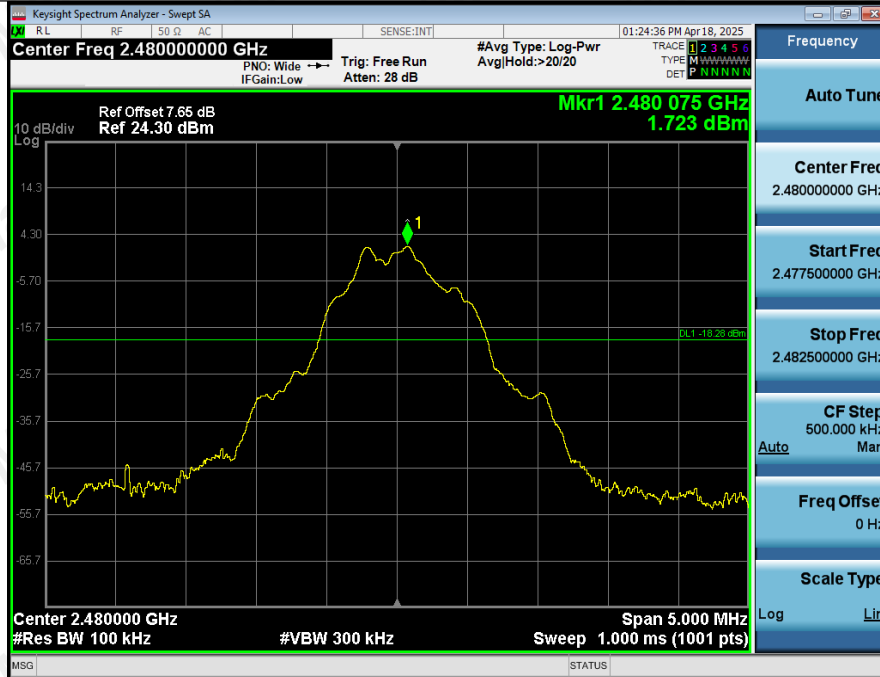
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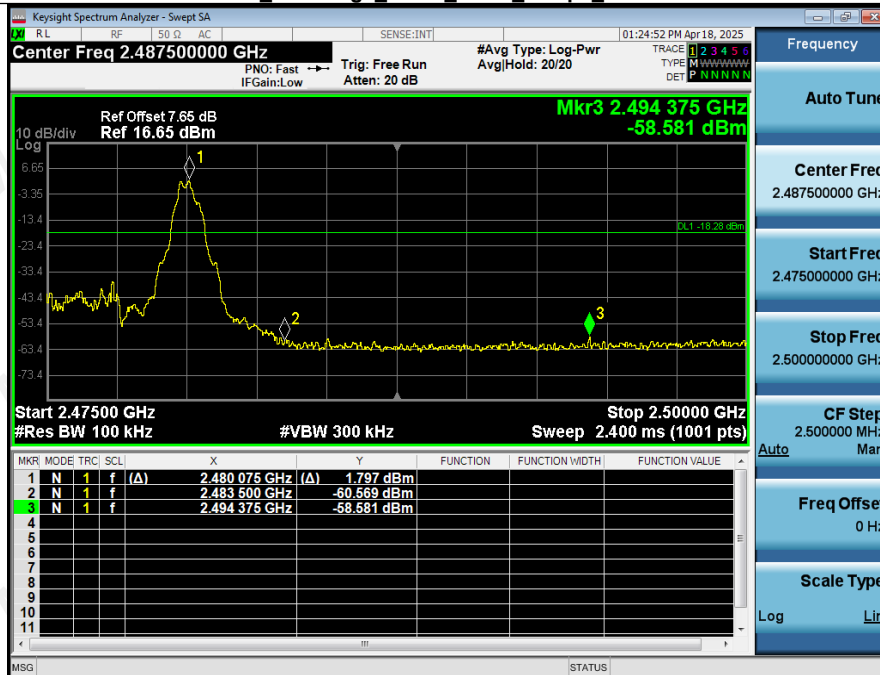
2_Bandedge_NVNT_ANT1_1Mbps_2402



1 Reference_Level_NVNT_ANT1_1Mbps_2480



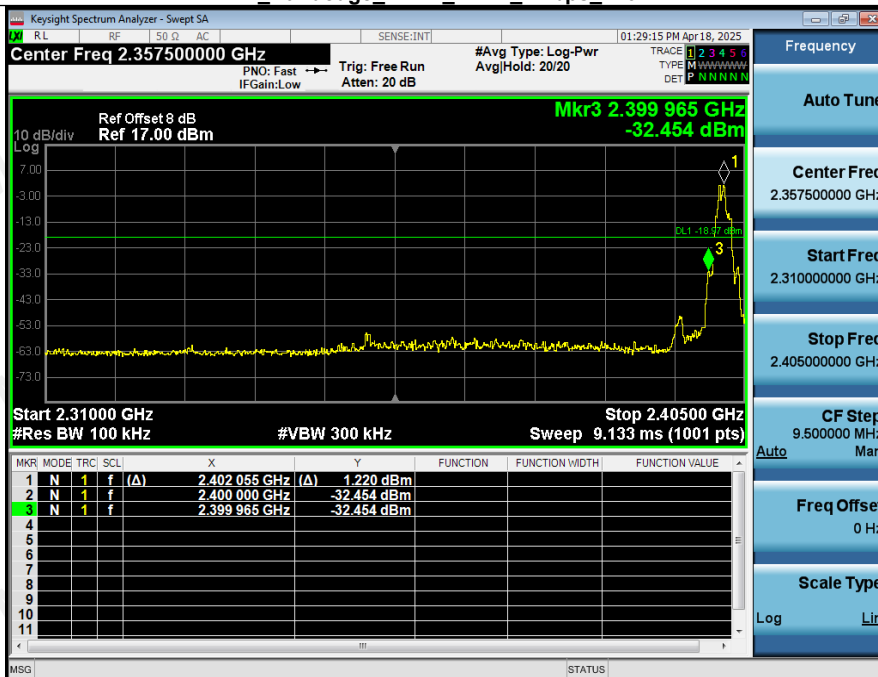
2 Bandedge_NVNT_ANT1_1Mbps_2480



1 Reference_Level_NVNT_ANT1_2Mbps_2402



2 Bandedge_NVNT_ANT1_2Mbps_2402



1 Reference_Level_NVNT_ANT1_2Mbps_2480



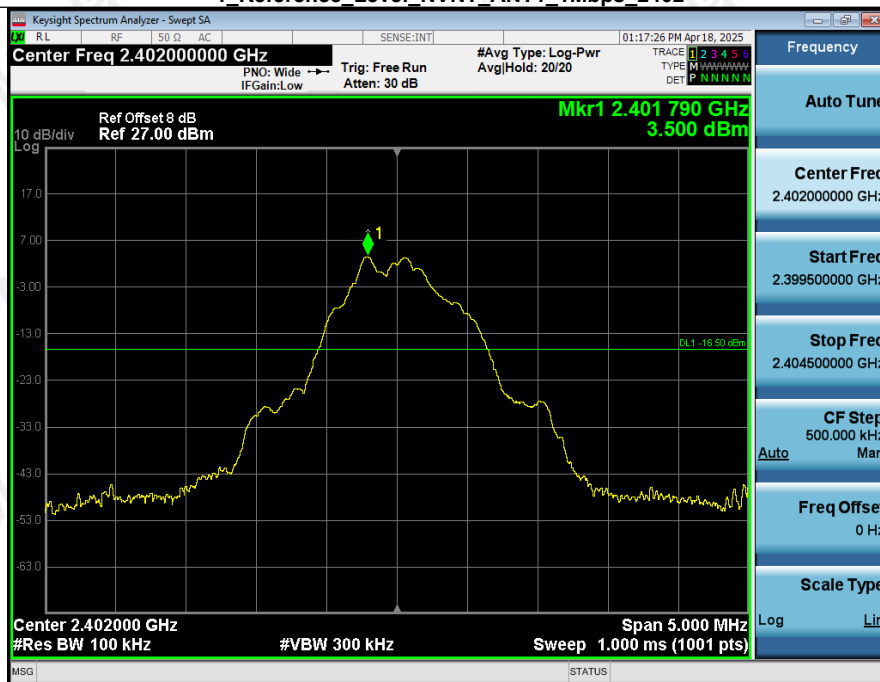
2 Bandedge_NVNT_ANT1_2Mbps_2480



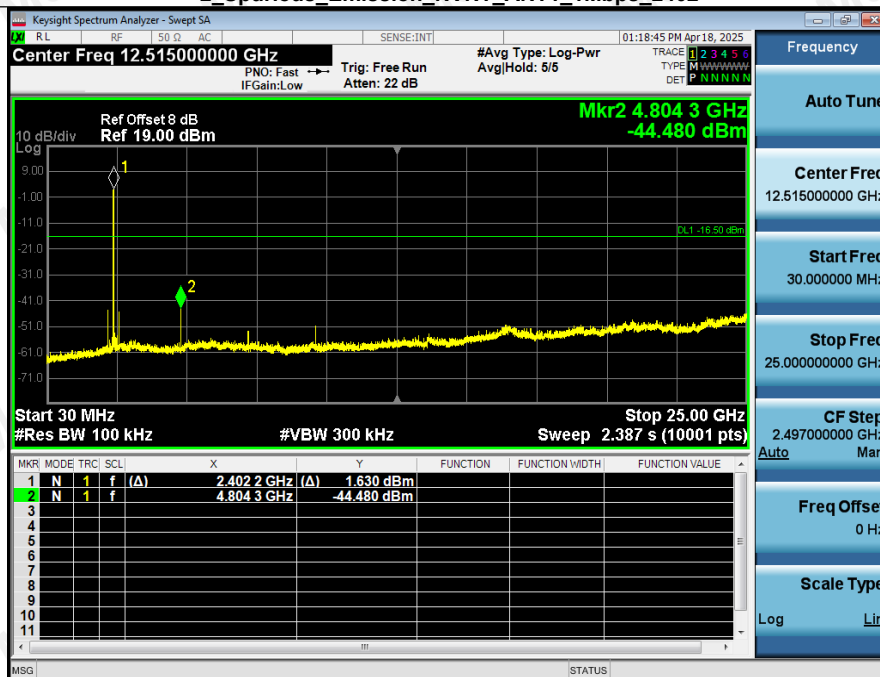
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	3.500	-44.480	-16.500	Pass
NVNT	ANT1	1Mbps	2440.00	2.092	-42.709	-17.908	Pass
NVNT	ANT1	1Mbps	2480.00	1.723	-39.305	-18.277	Pass
NVNT	ANT1	2Mbps	2402.00	1.034	-38.139	-18.966	Pass
NVNT	ANT1	2Mbps	2440.00	1.226	-38.270	-18.774	Pass
NVNT	ANT1	2Mbps	2480.00	0.905	-44.167	-19.095	Pass

1 Reference Level NVNT ANT1 1Mbps 2402



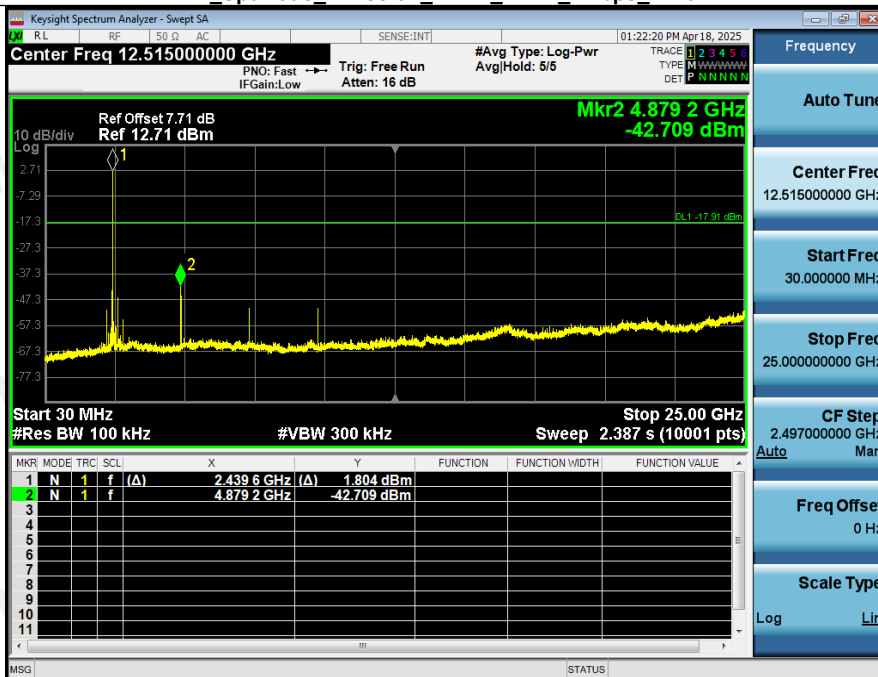
2 Spurious Emission NVNT ANT1 1Mbps 2402



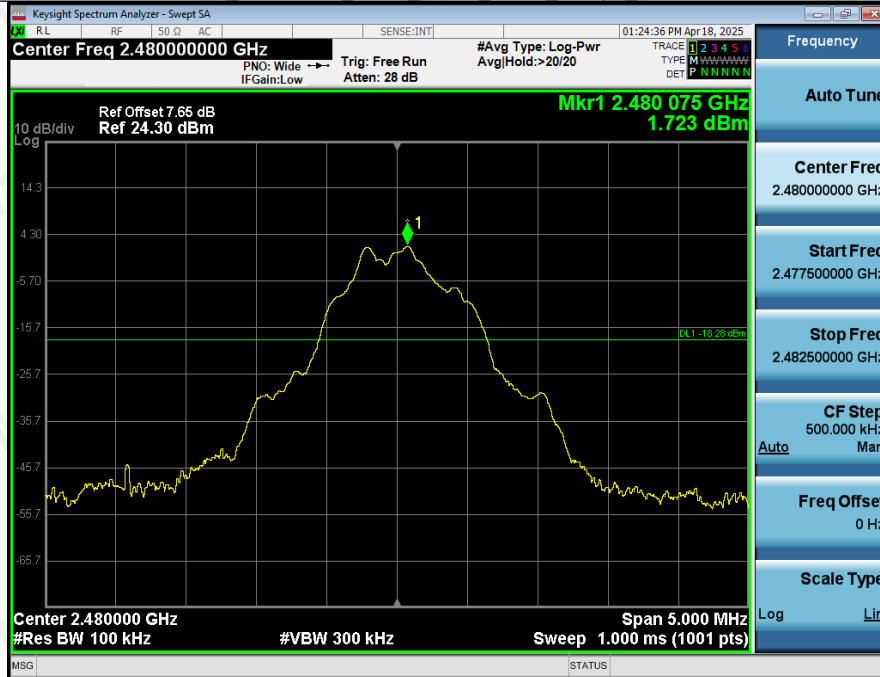
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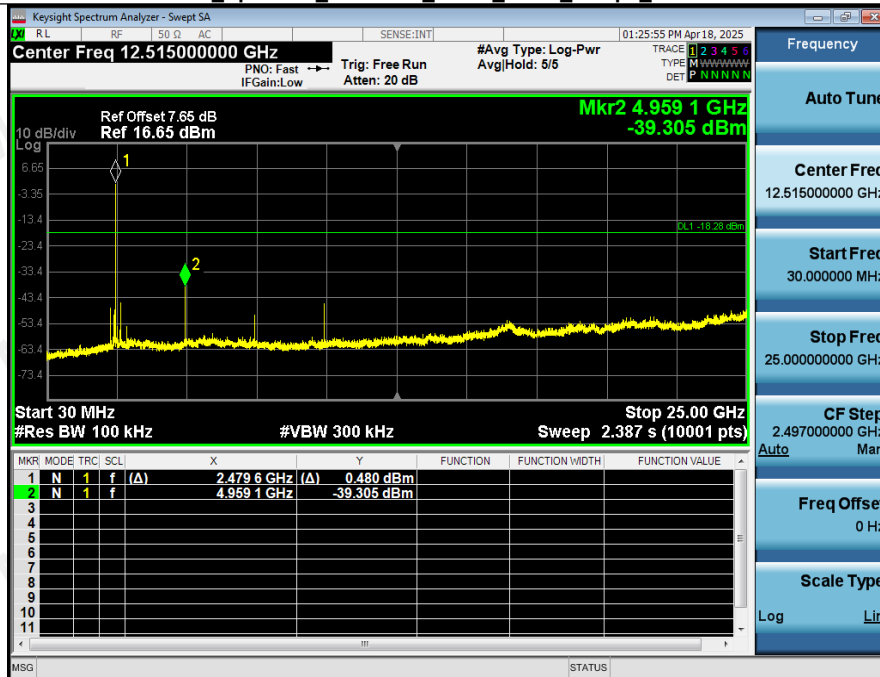
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1 Reference_Level_NVNT_ANT1_1Mbps_2480



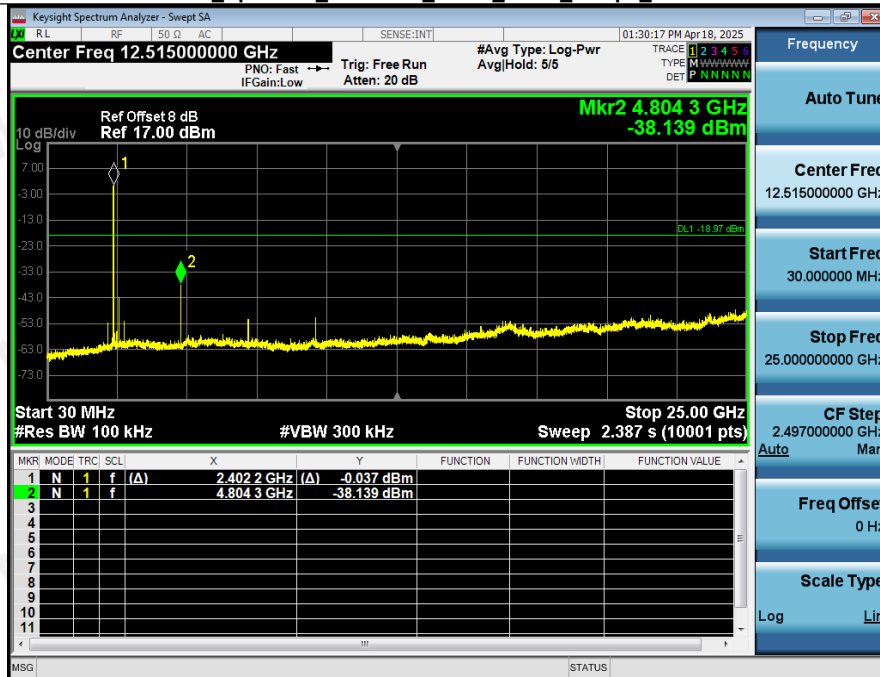
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1 Reference_Level_NVNT_ANT1_2Mbps_2402



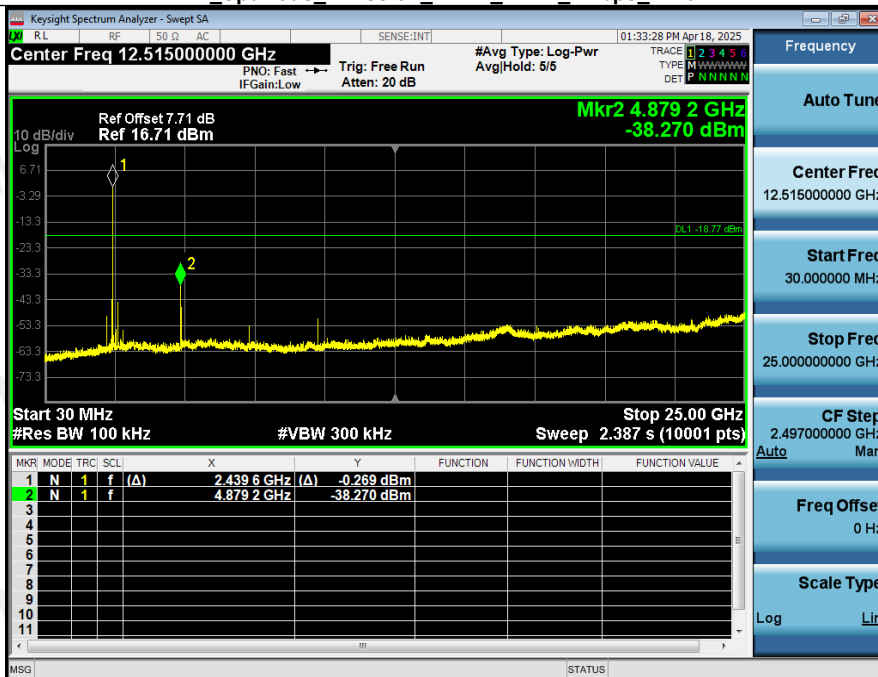
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1 Reference_Level_NVNT_ANT1_2Mbps_2440



2 Spurious Emission_NVNT_ANT1_2Mbps_2440



1 Reference_Level_NVNT_ANT1_2Mbps_2480



2 Spurious Emission_NVNT_ANT1_2Mbps_2480

