



MAXLAB Testing Co.,Ltd.

Report No.: MAX250306110P01-R01

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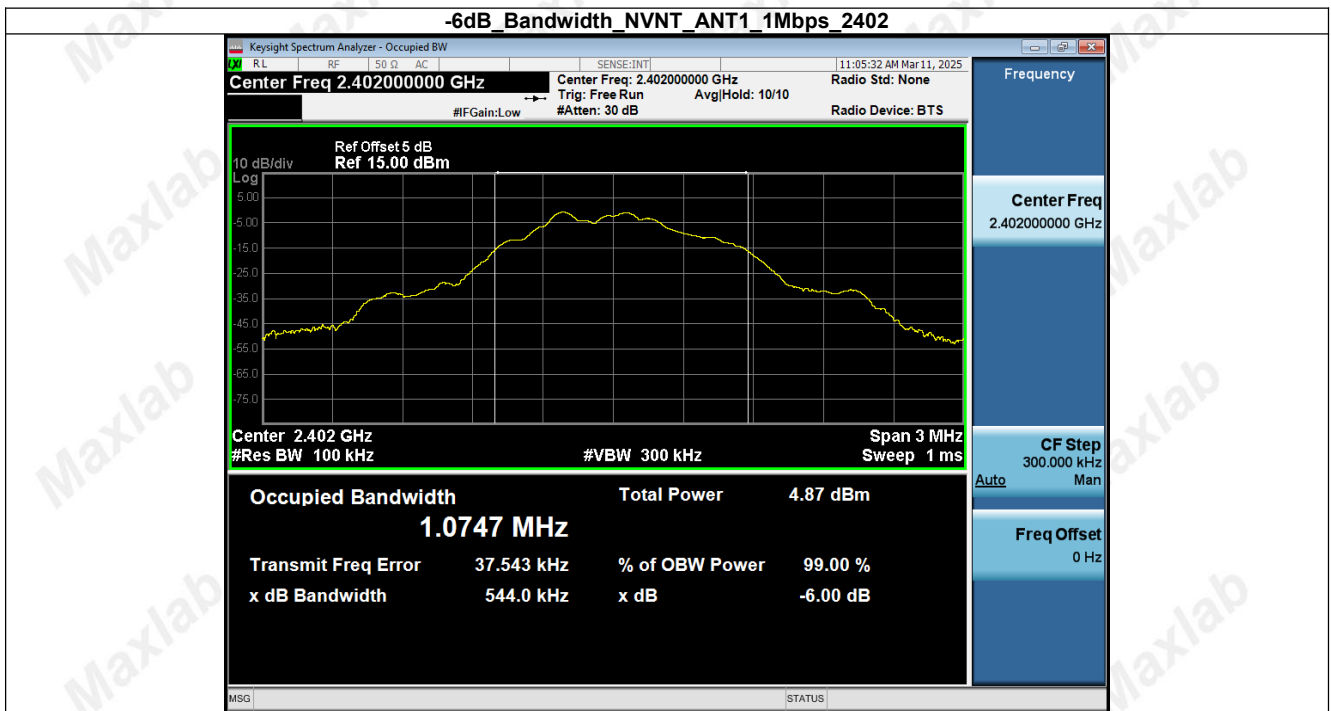
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FCC ID: 2BN6B-M2PRO

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

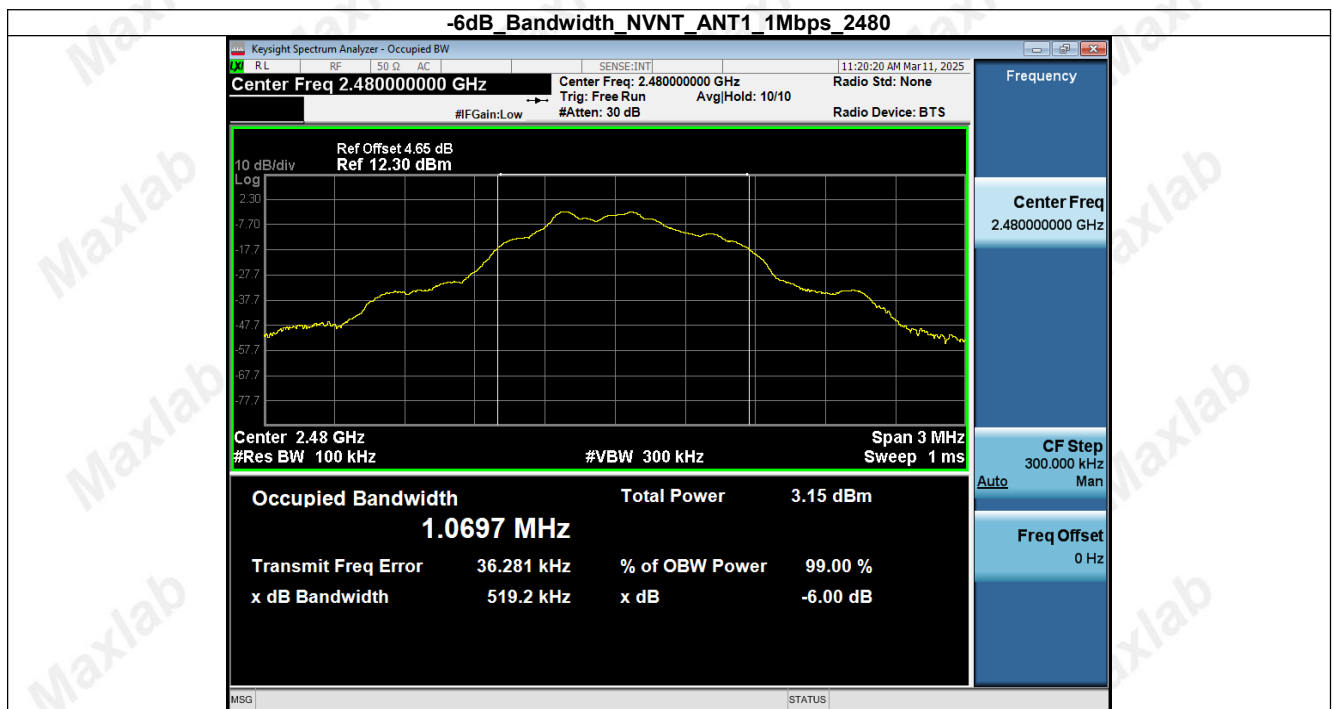
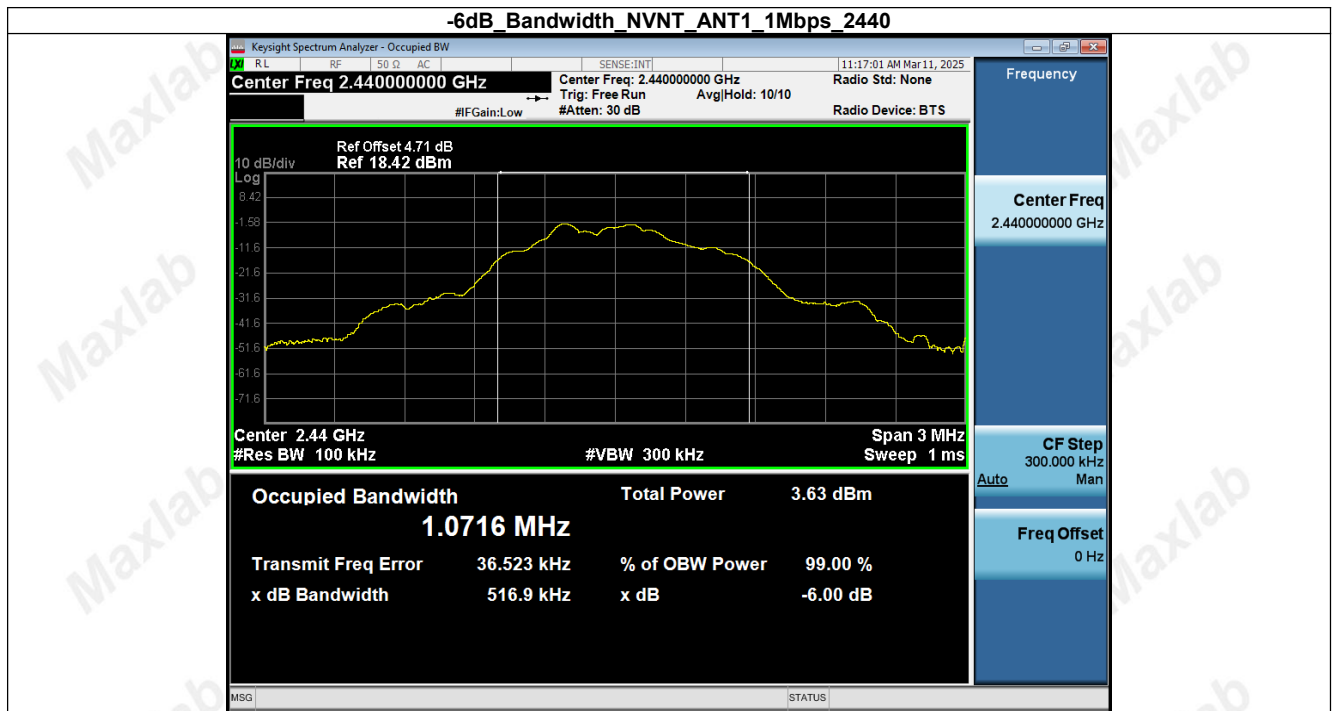
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	543.95	500	Pass
NVNT	ANT1	1Mbps	2440.00	516.92	500	Pass
NVNT	ANT1	1Mbps	2480.00	519.16	500	Pass





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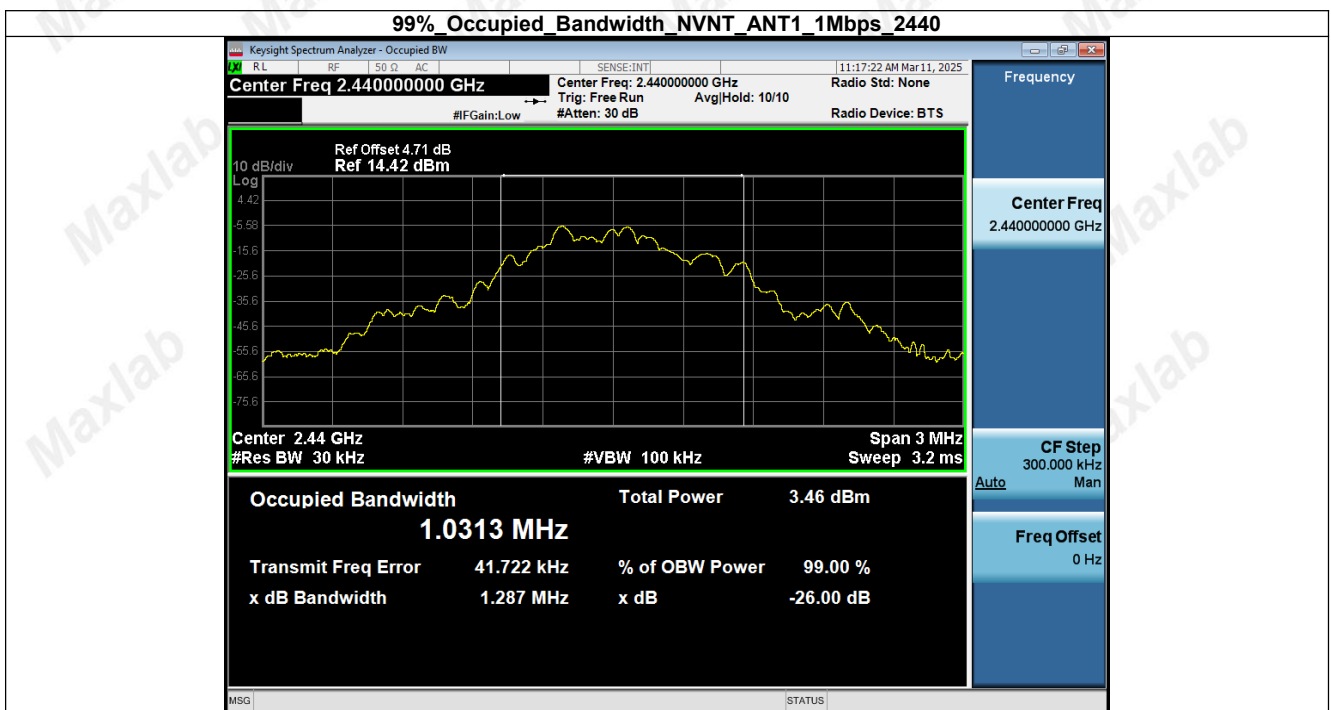


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2. 99% Occupied Bandwidth

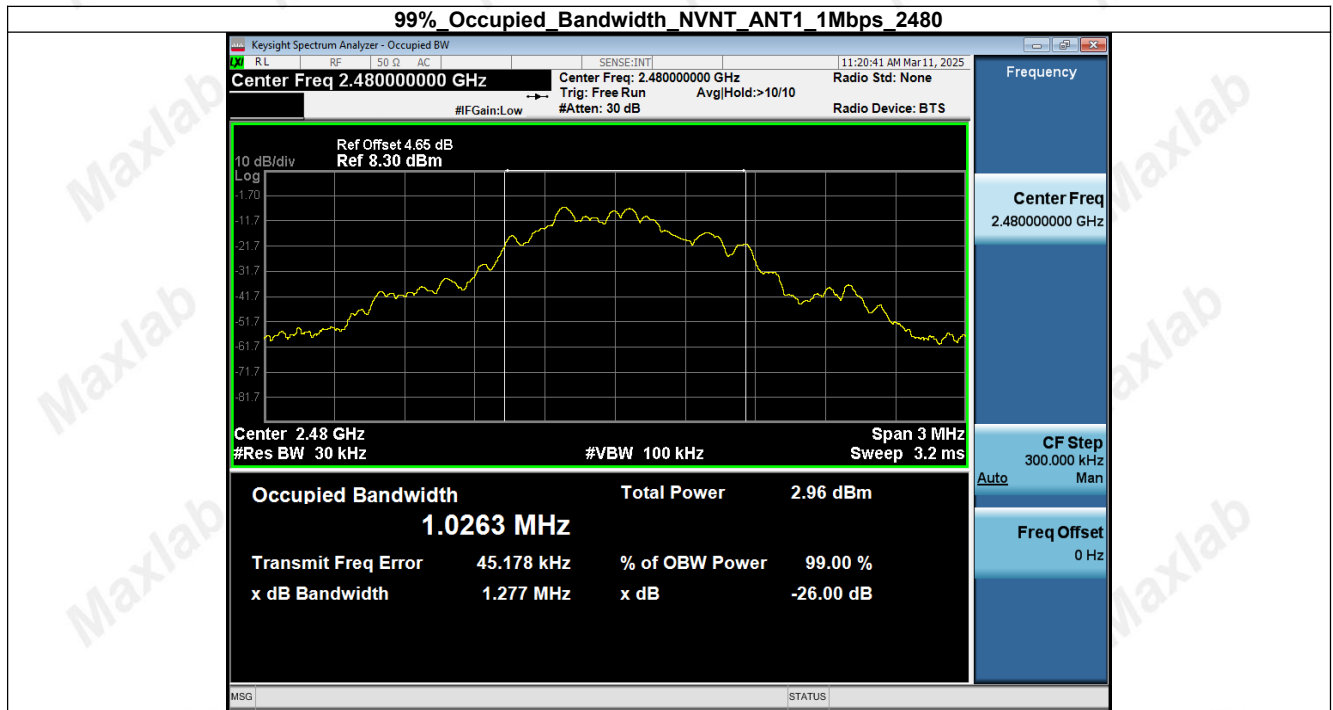
Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.031
NVNT	ANT1	1Mbps	2440.00	1.031
NVNT	ANT1	1Mbps	2480.00	1.026





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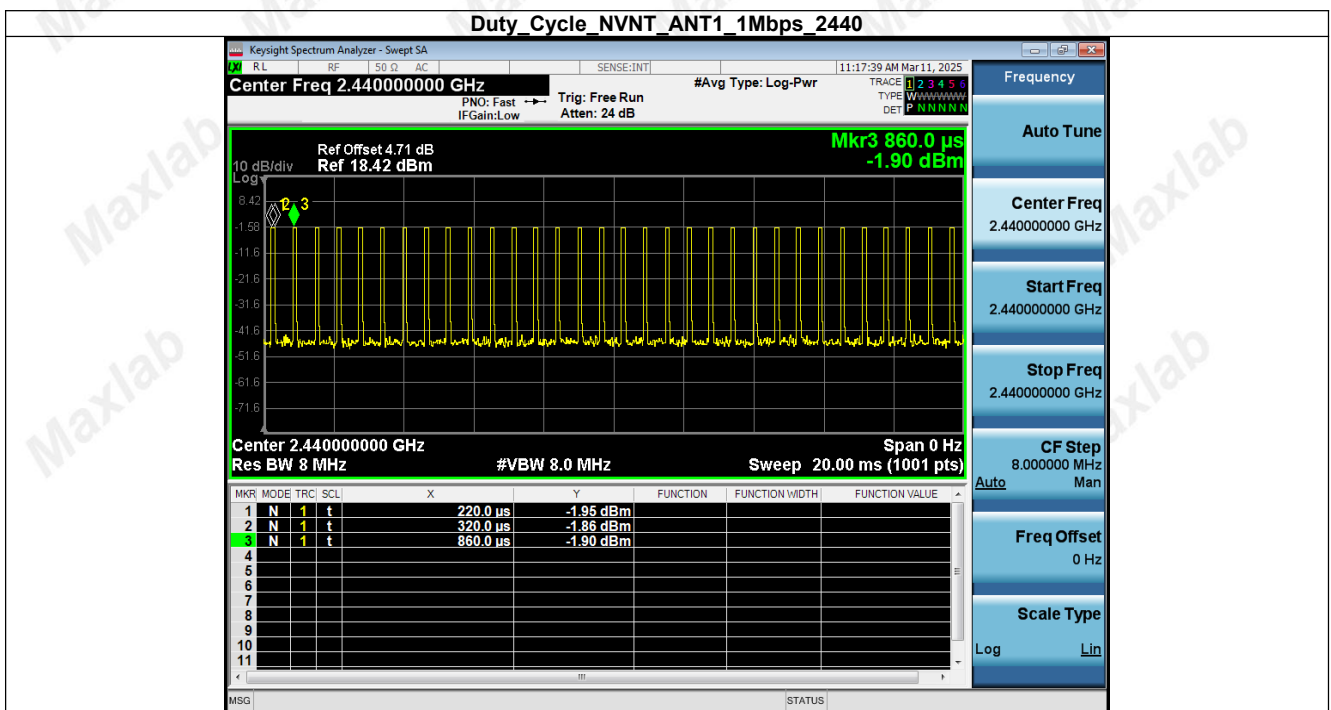
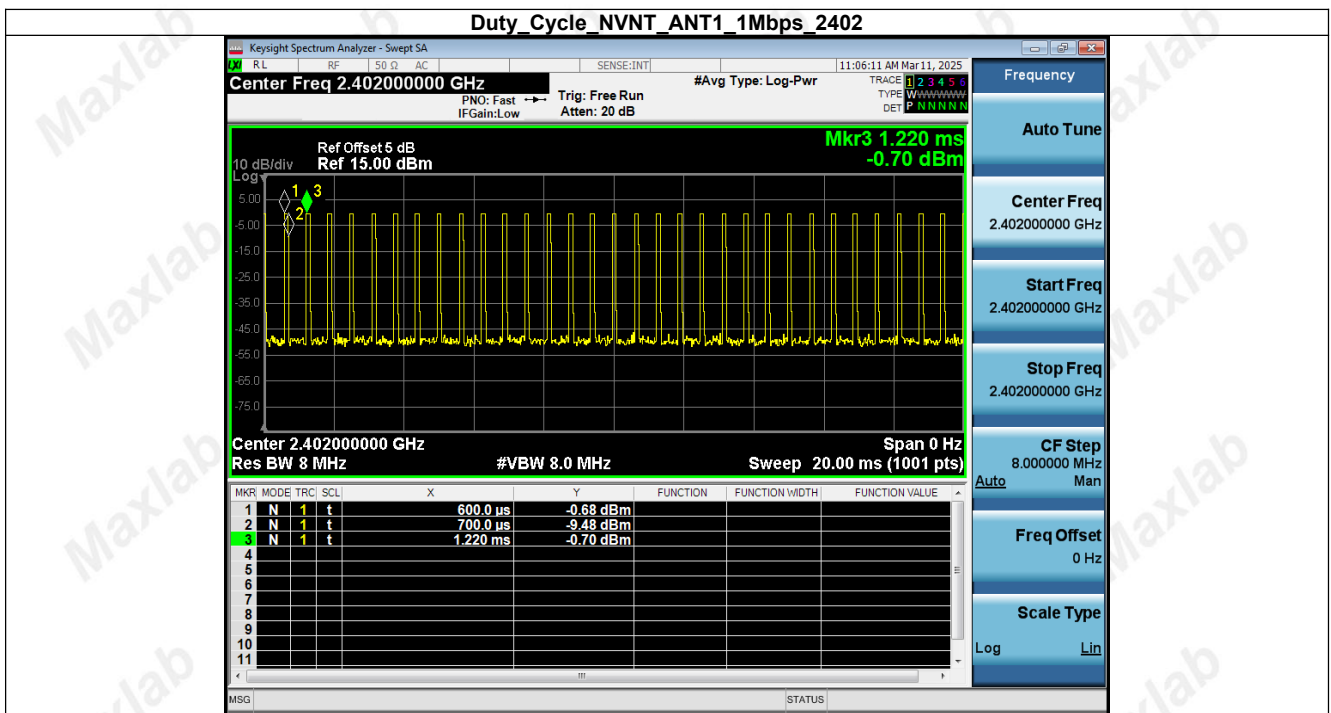


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3. Duty Cycle

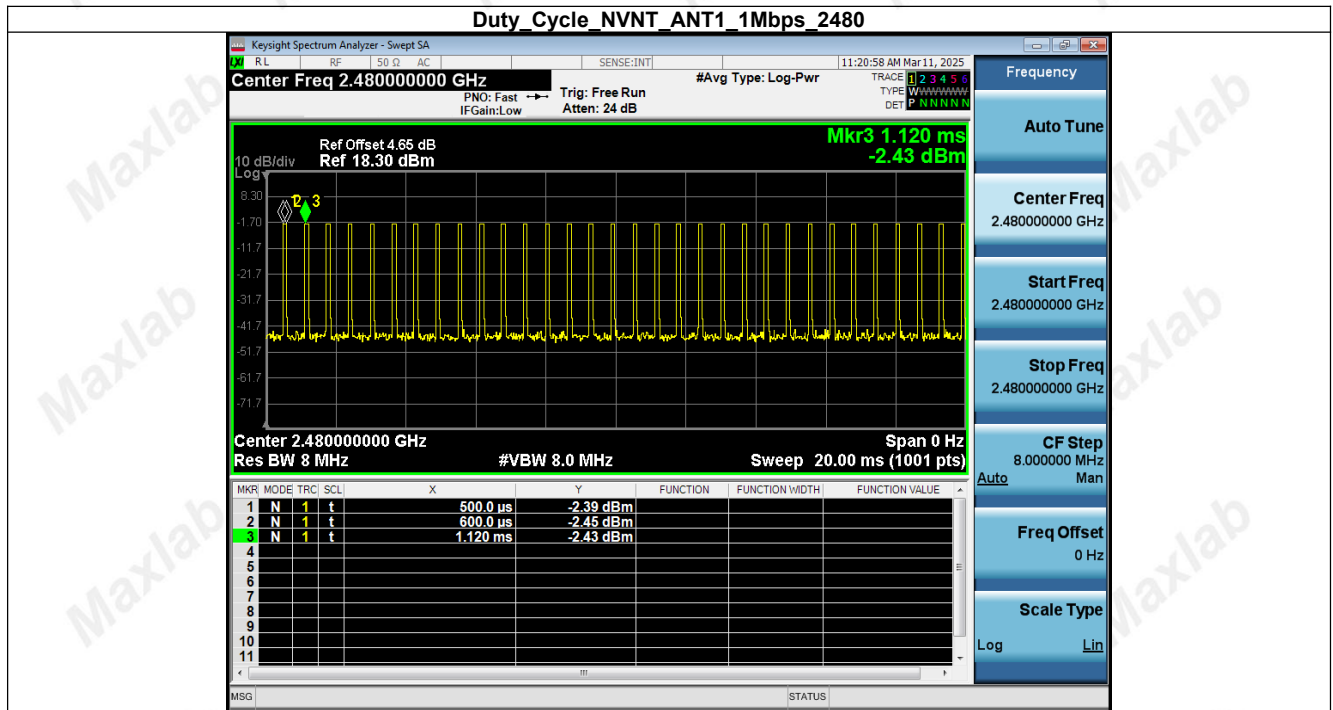
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	19.35	7.13
NVNT	ANT1	1Mbps	2440.00	15.62	8.06
NVNT	ANT1	1Mbps	2480.00	16.13	7.92





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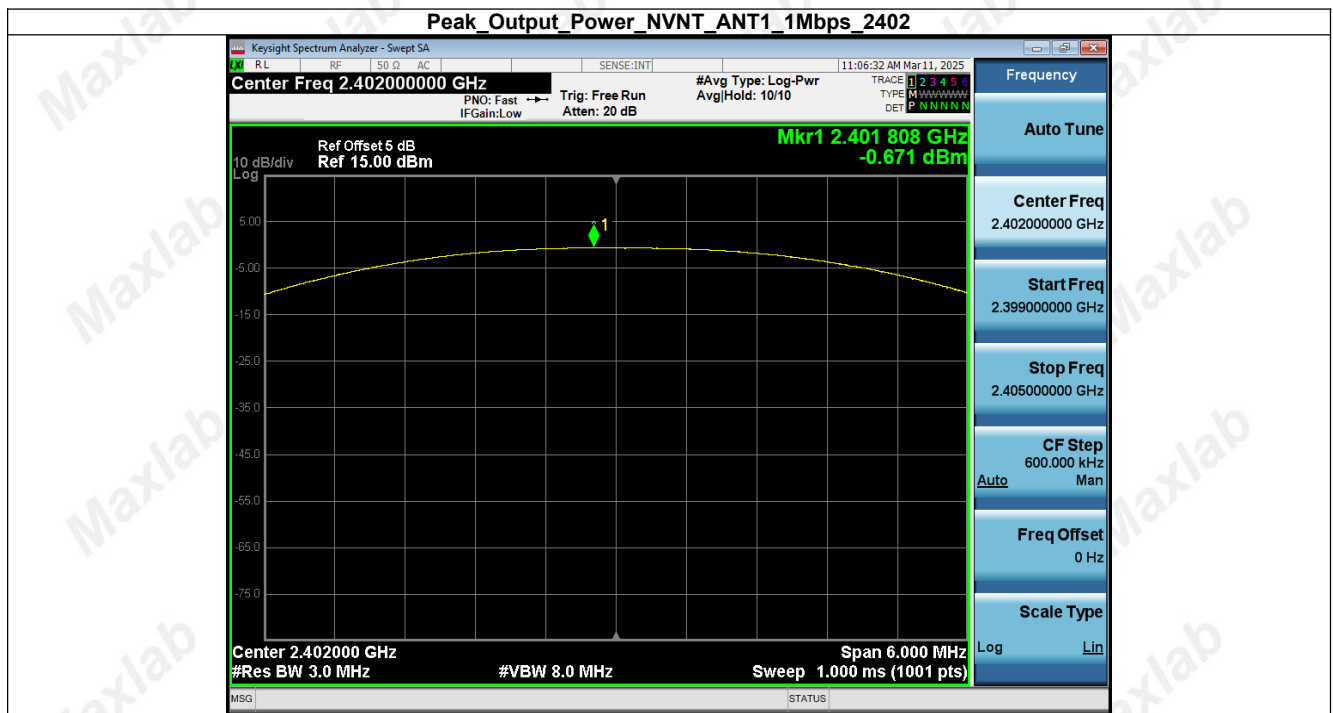


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4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	-0.67	0.86	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-1.86	0.65	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-2.32	0.59	1000	Pass

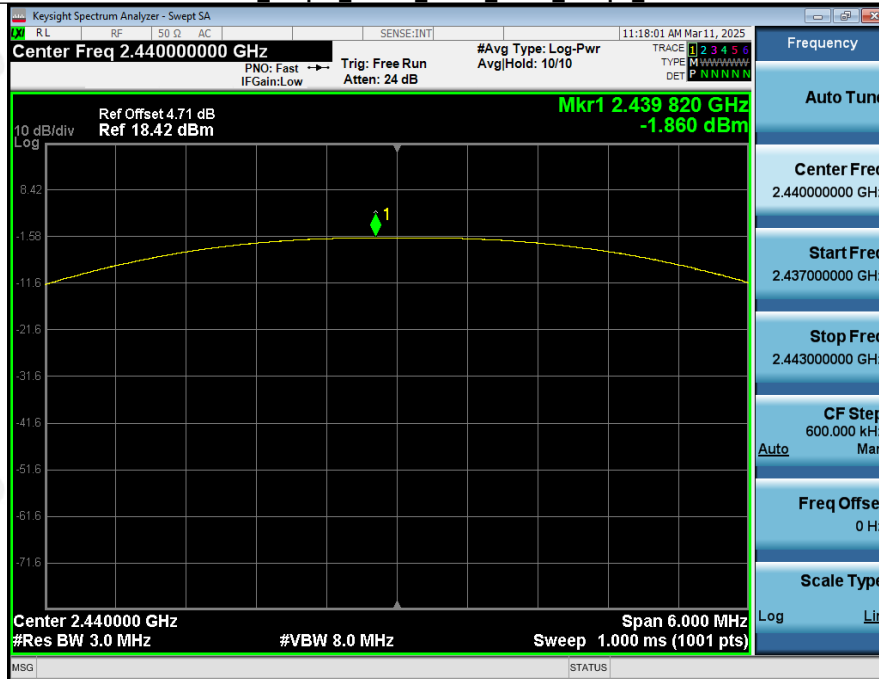




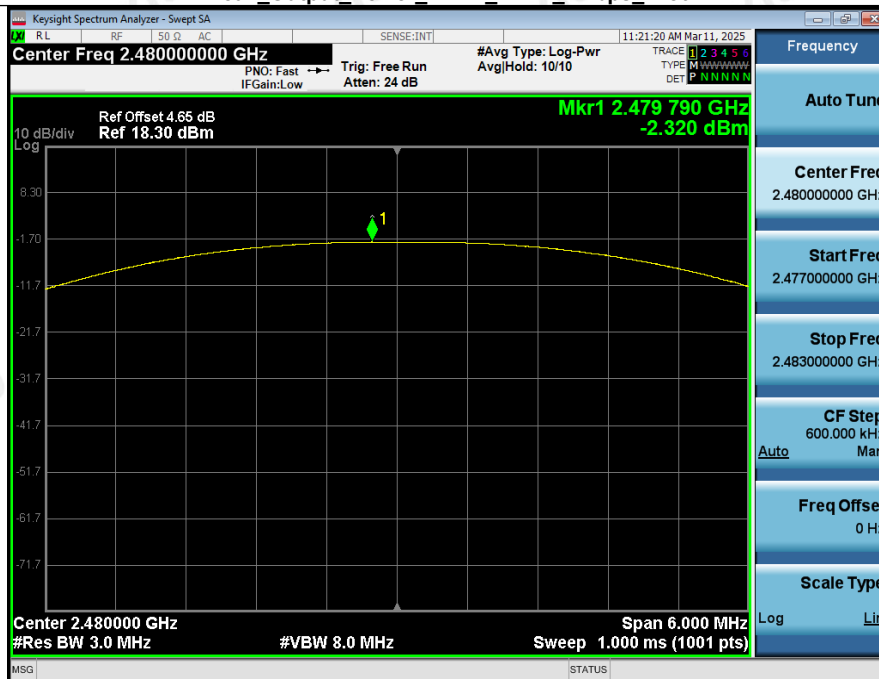
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Peak_Output_Power_NVNT_ANT1_1Mbps_2440



Peak_Output_Power_NVNT_ANT1_1Mbps_2480



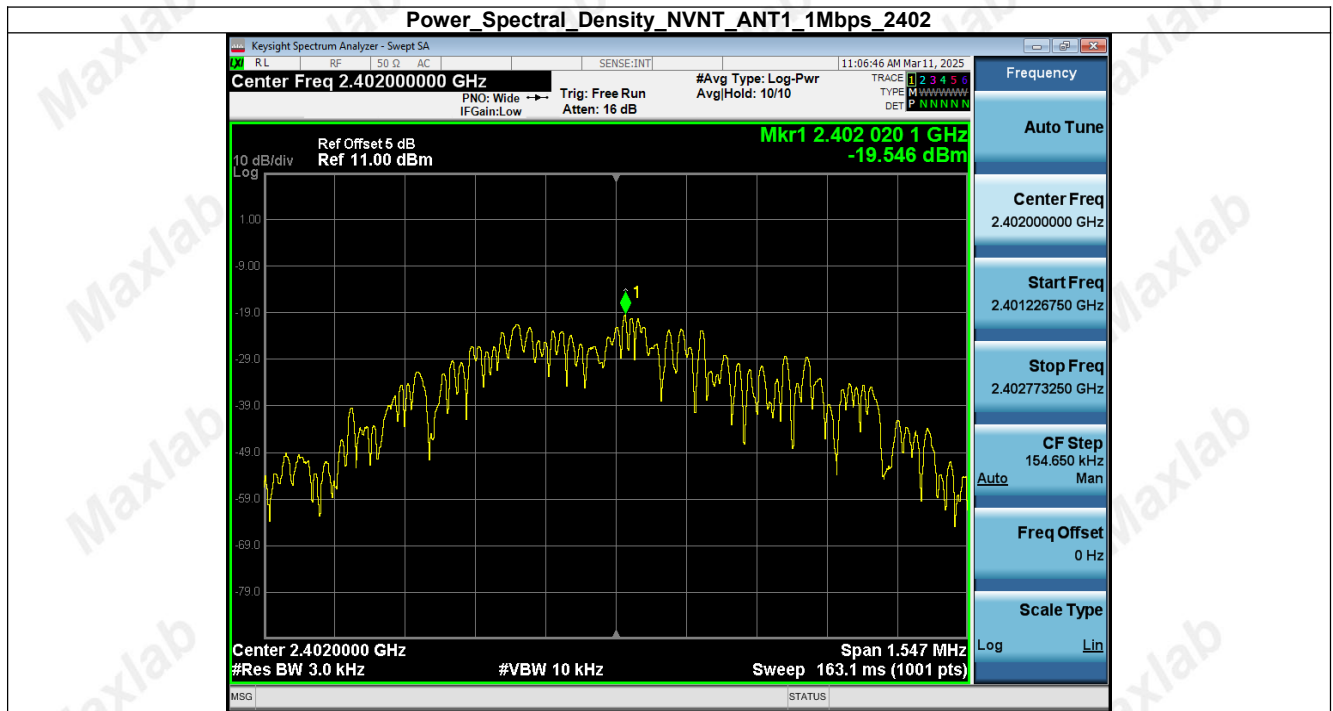


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5. Power Spectral Density

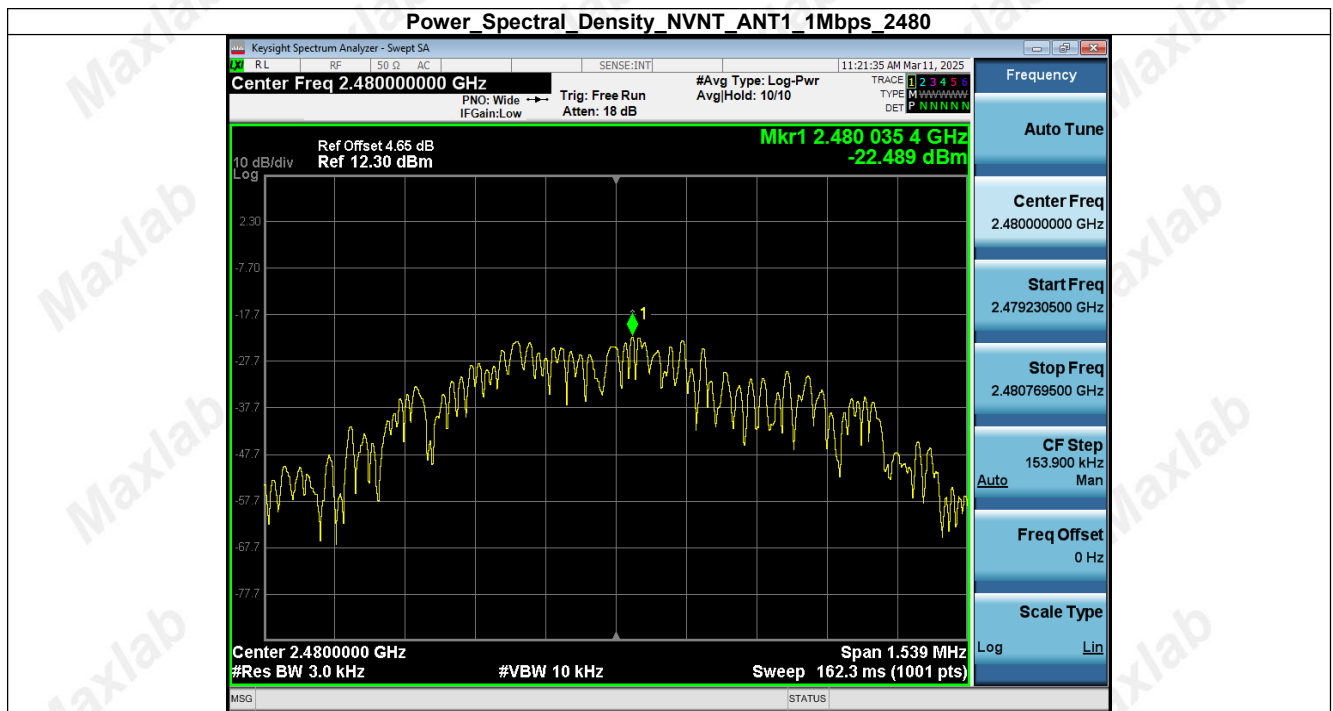
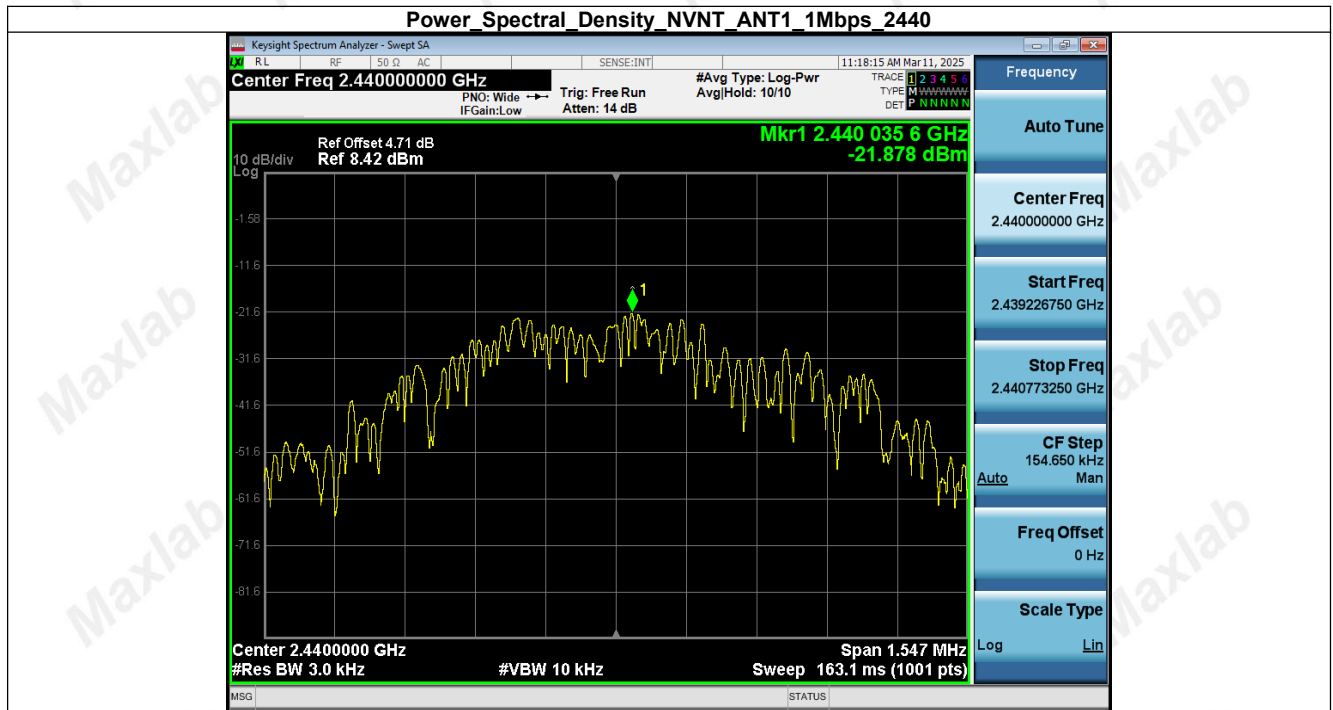
Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-19.55	8	Pass
NVNT	ANT1	1Mbps	2440.00	-21.88	8	Pass
NVNT	ANT1	1Mbps	2480.00	-22.49	8	Pass





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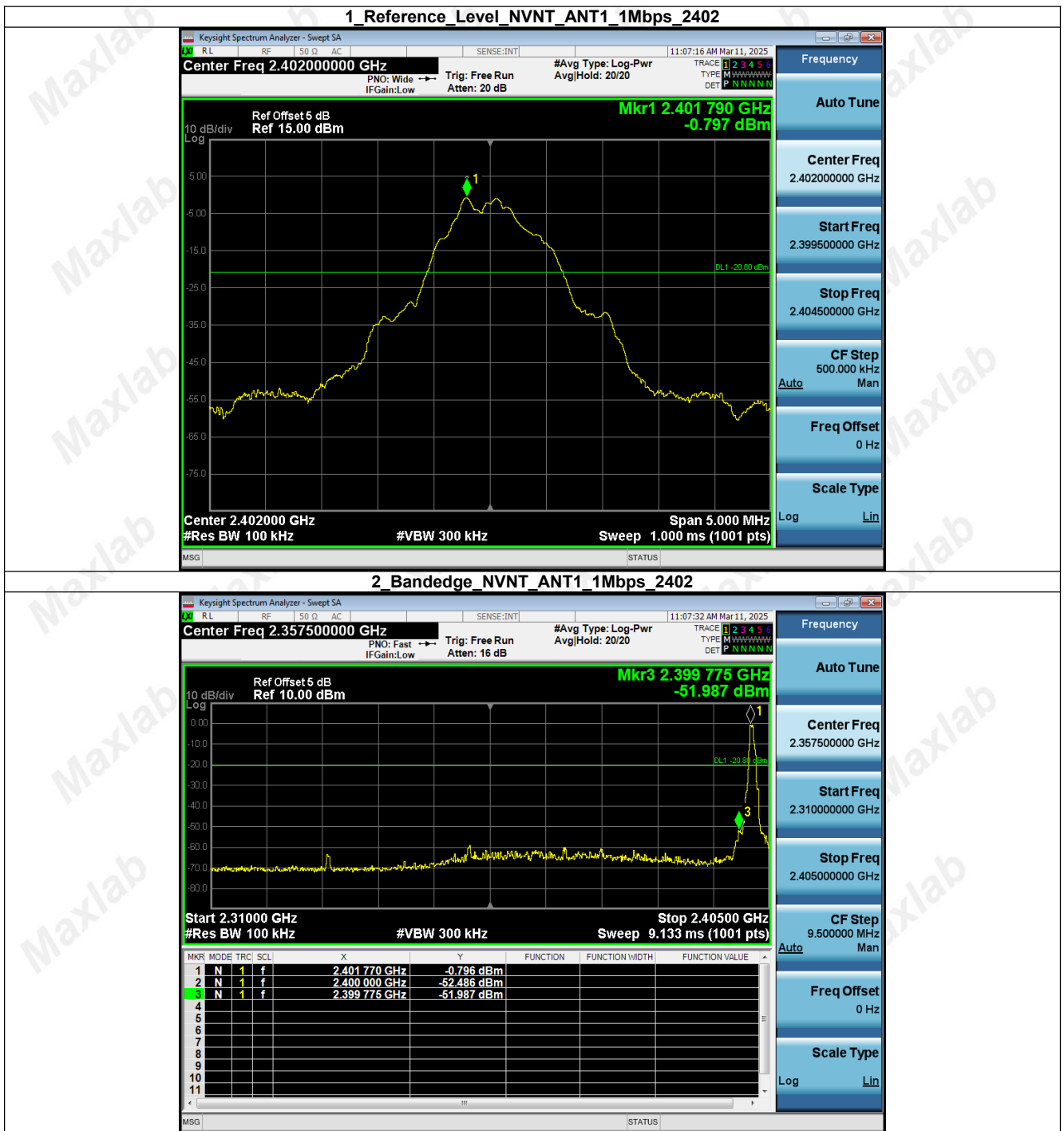


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6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.775	-0.797	-51.987	-20.797	Pass
NVNT	ANT1	1Mbps	2480.00	2498.525	-2.542	-64.753	-22.542	Pass

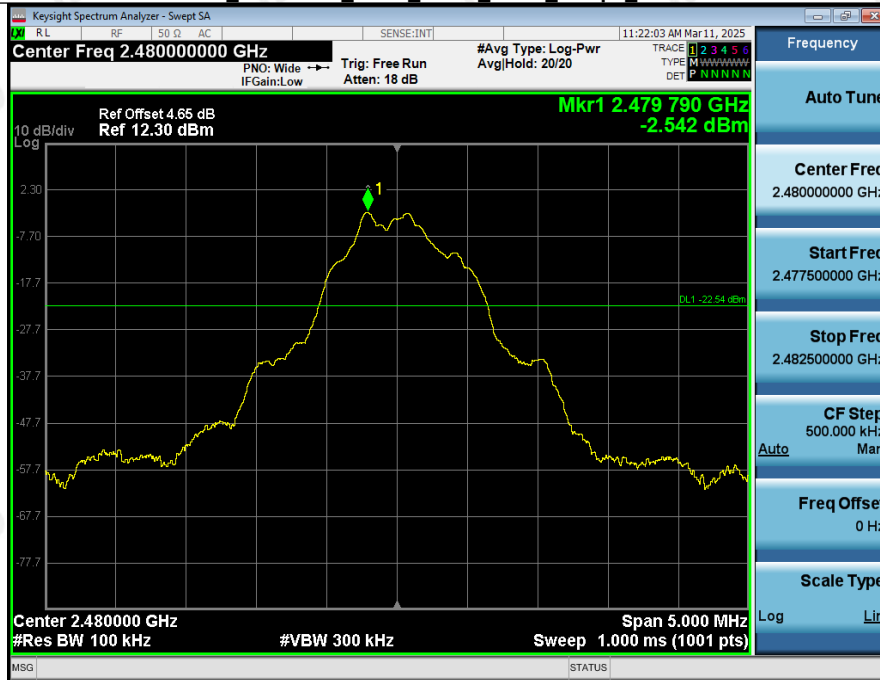




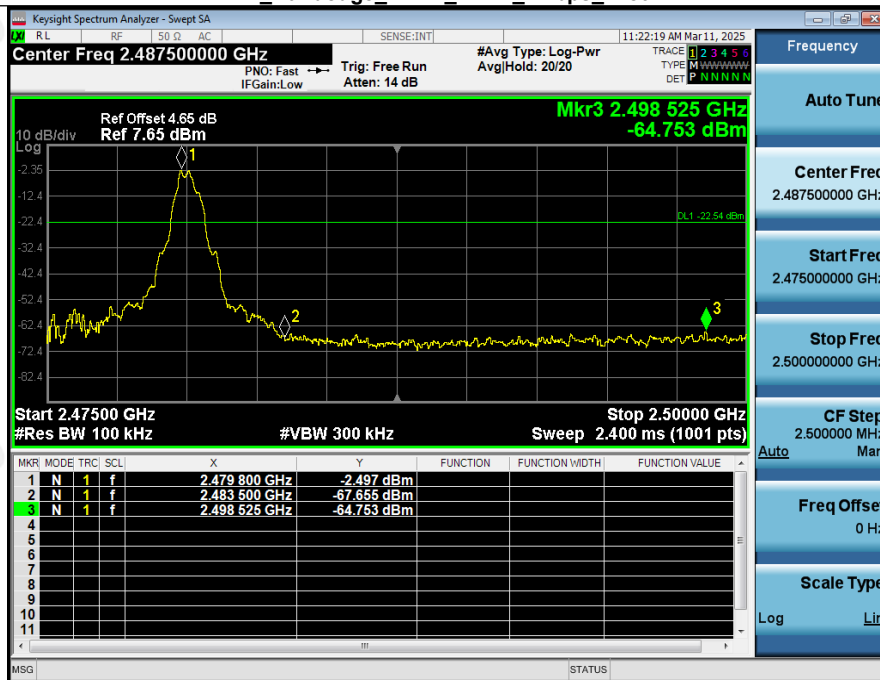
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1 Reference_Level_NVNT_ANT1_1Mbps_2480



2_Bandedge_NVNT_ANT1_1Mbps_2480





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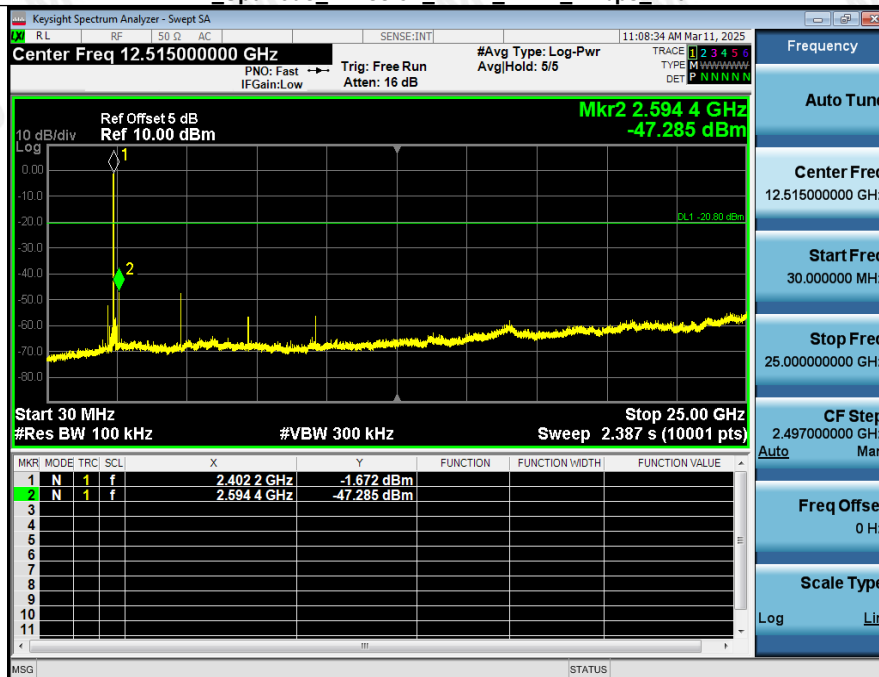
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.797	-47.285	-20.797	Pass
NVNT	ANT1	1Mbps	2440.00	-2.039	-48.786	-22.039	Pass
NVNT	ANT1	1Mbps	2480.00	-2.542	-48.079	-22.542	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402





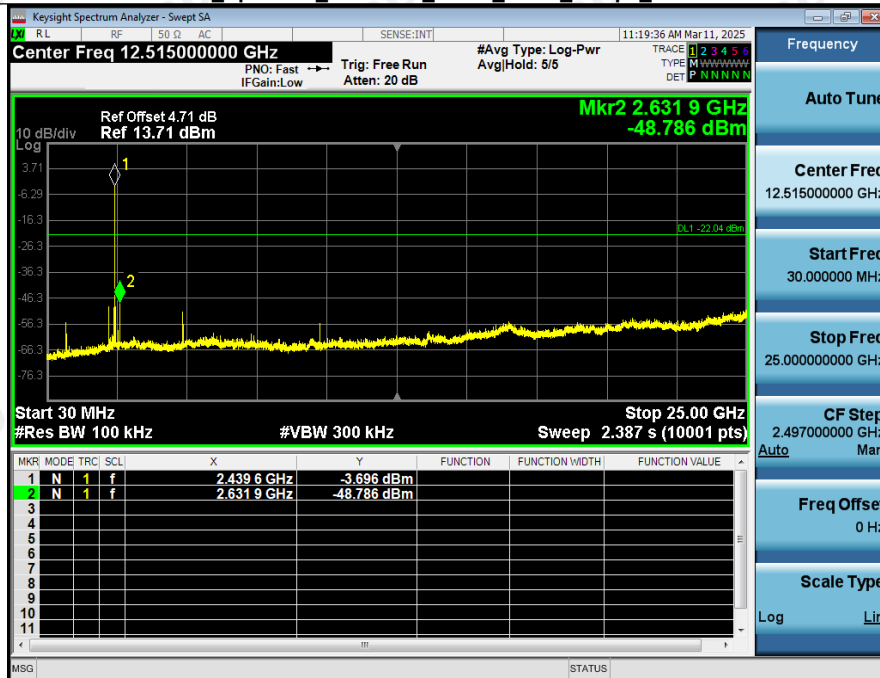
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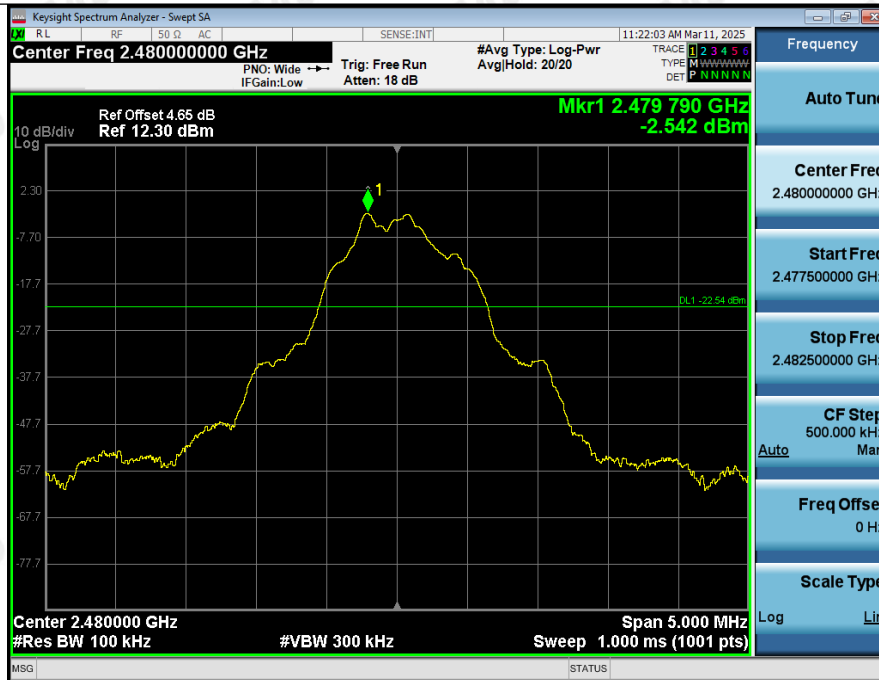
1_Reference_Level_NVNT_ANT1_1Mbps_2440



2_Spurious_Emission_NVNT_ANT1_1Mbps_2440



1_Reference_Level_NVNT_ANT1_1Mbps_2480



2_Spurious_Emission_NVNT_ANT1_1Mbps_2480

