



MAXLAB Testing Co.,Ltd.

Report No.: MAX250221110P02-R02

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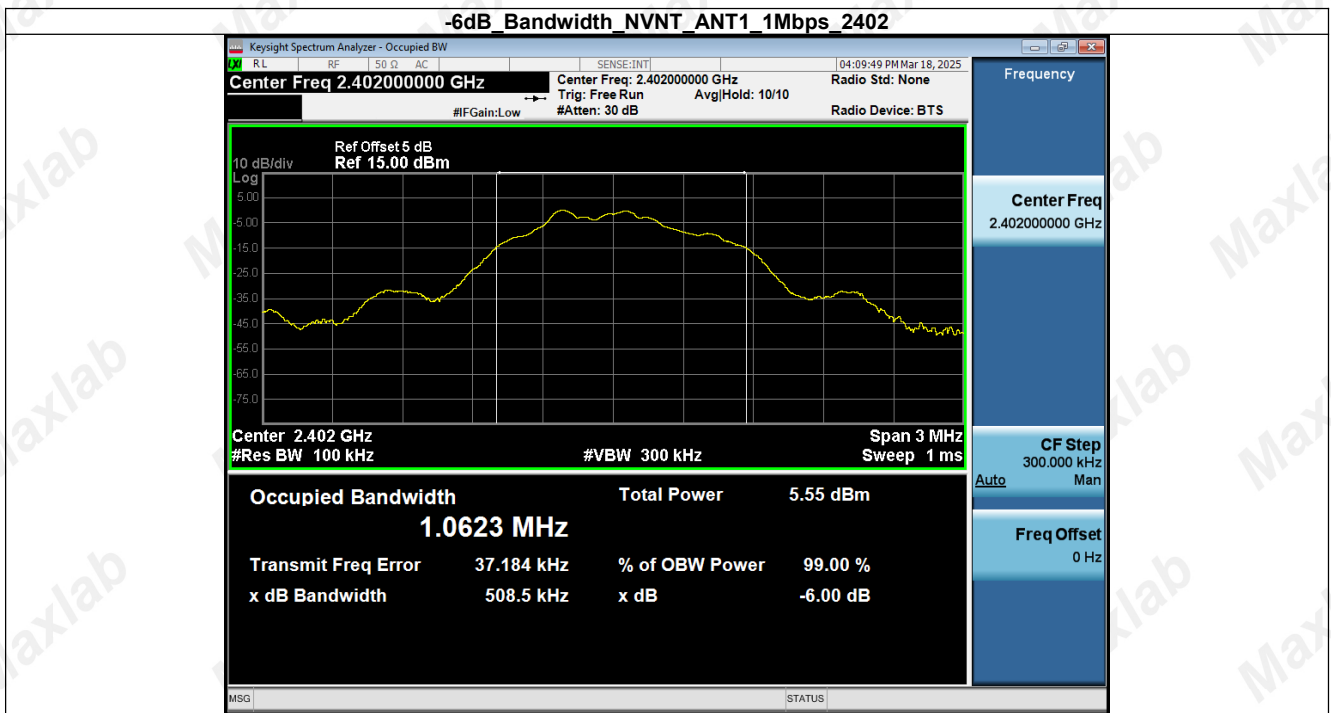
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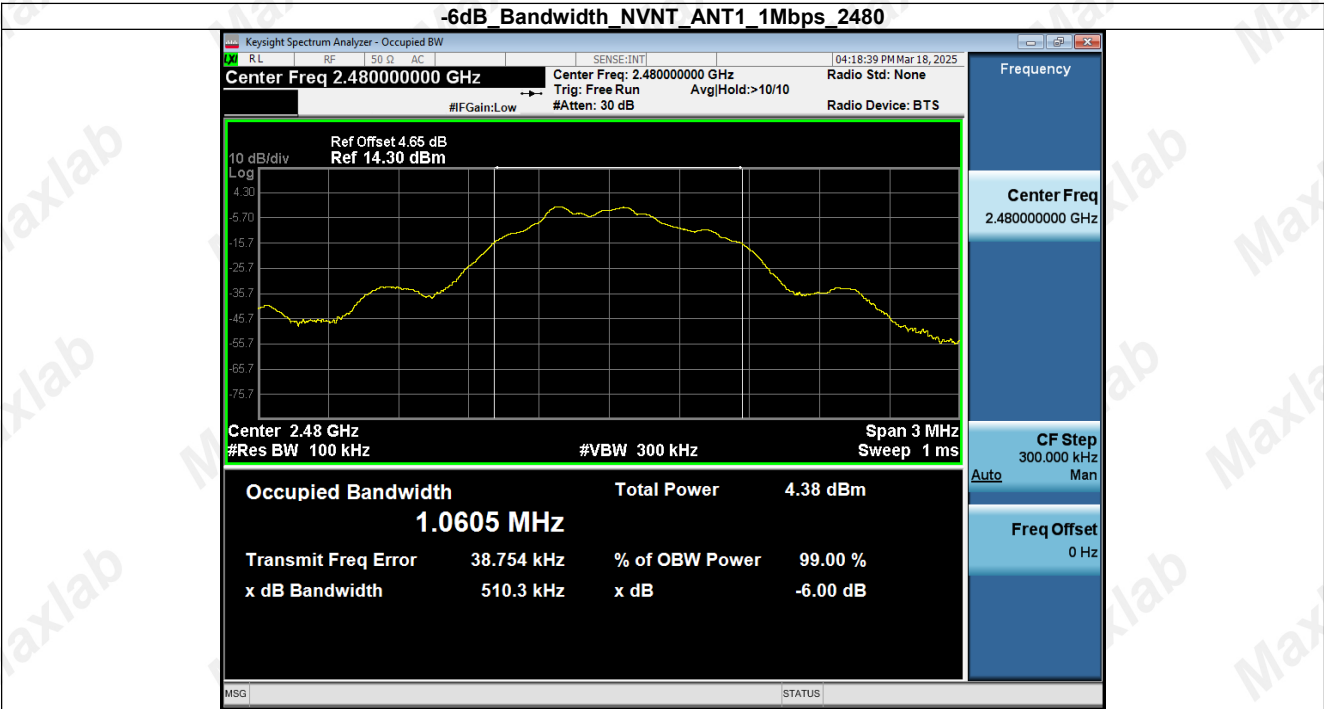
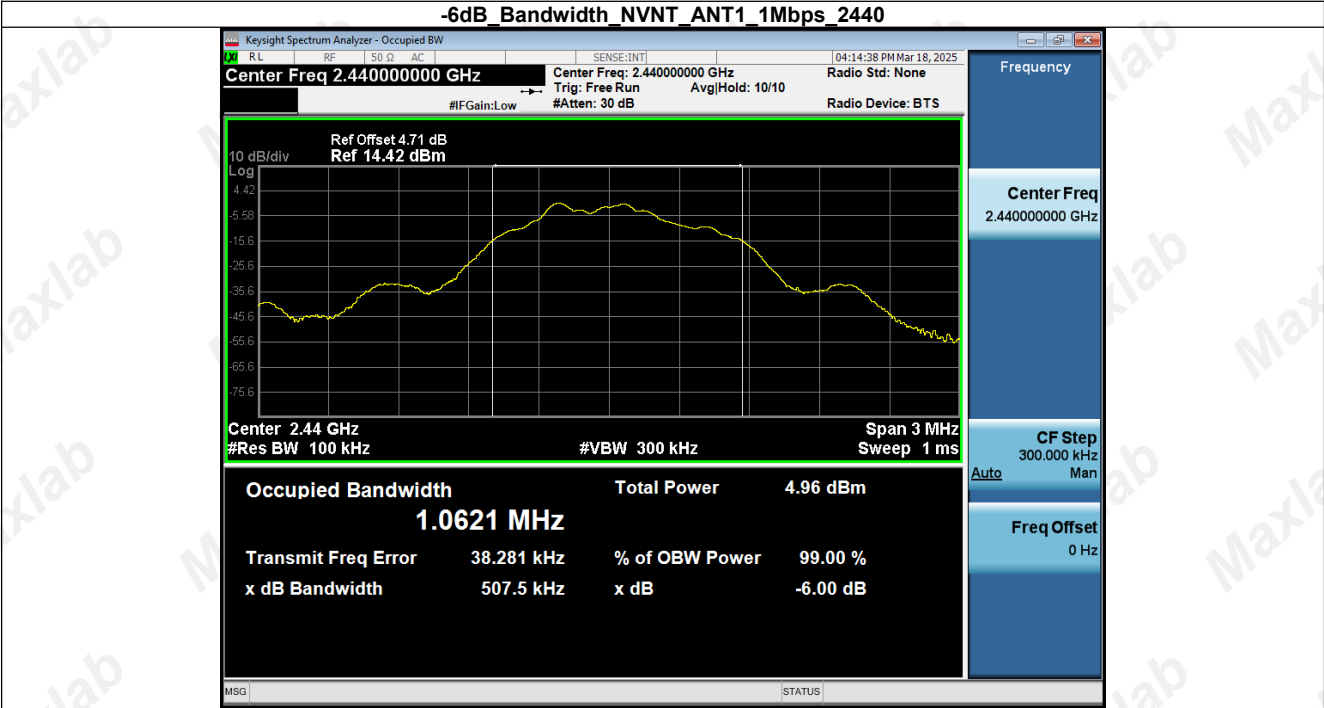
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FCC ID:2BMXP-BTW78
FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	508.53	500	Pass
NVNT	ANT1	1Mbps	2440.00	507.54	500	Pass
NVNT	ANT1	1Mbps	2480.00	510.34	500	Pass





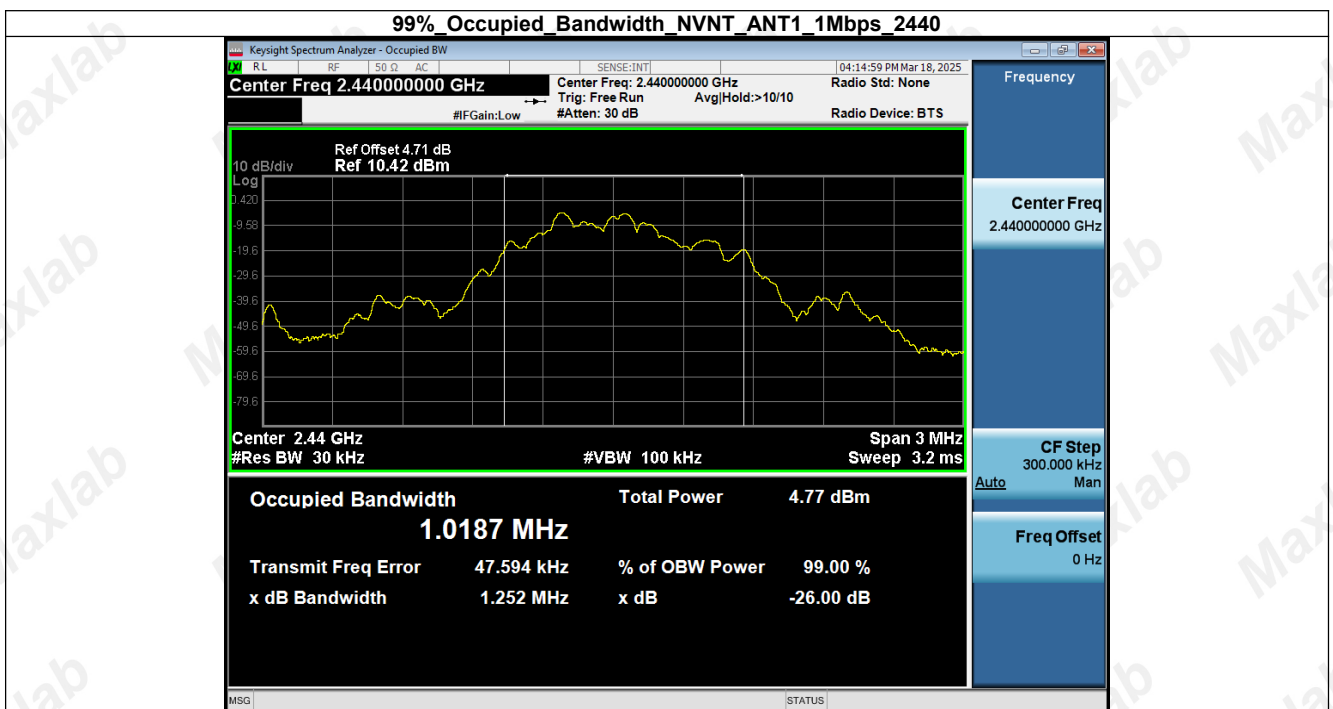
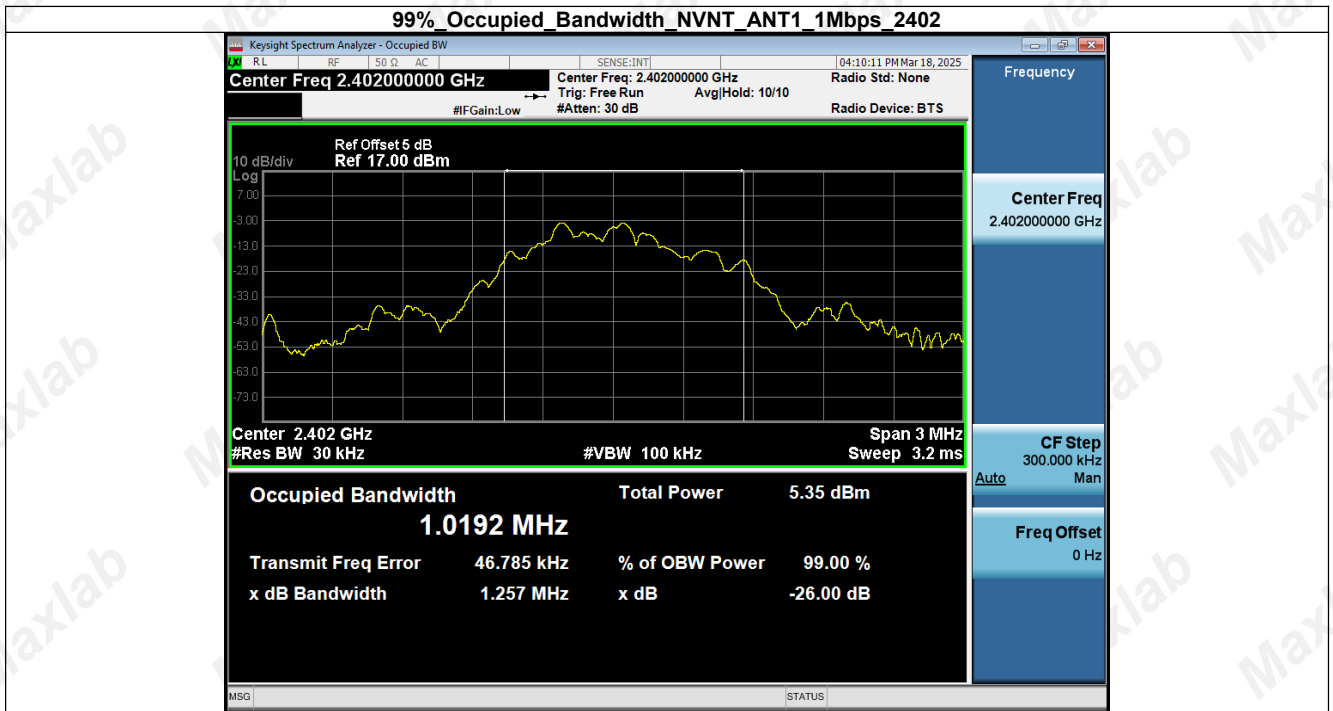


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2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1Mbps	2402.00	1.019
NVNT	ANT1	1Mbps	2440.00	1.019
NVNT	ANT1	1Mbps	2480.00	1.019





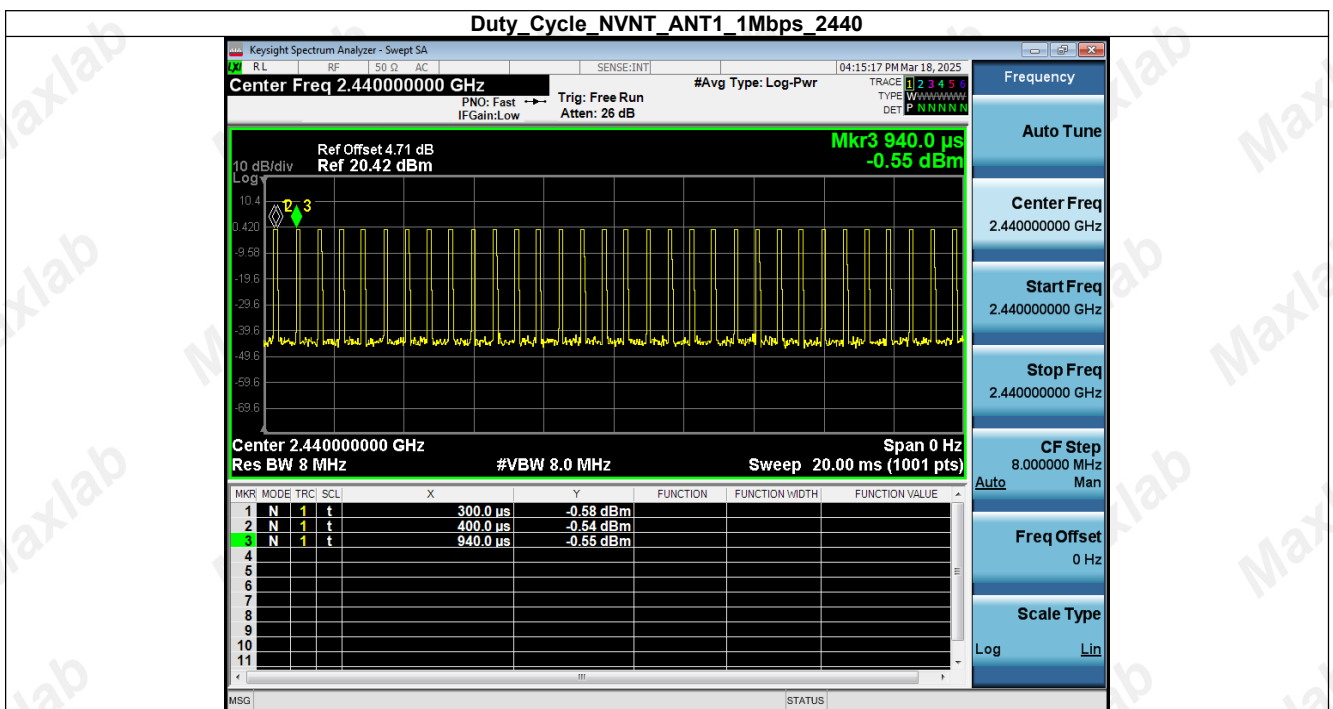
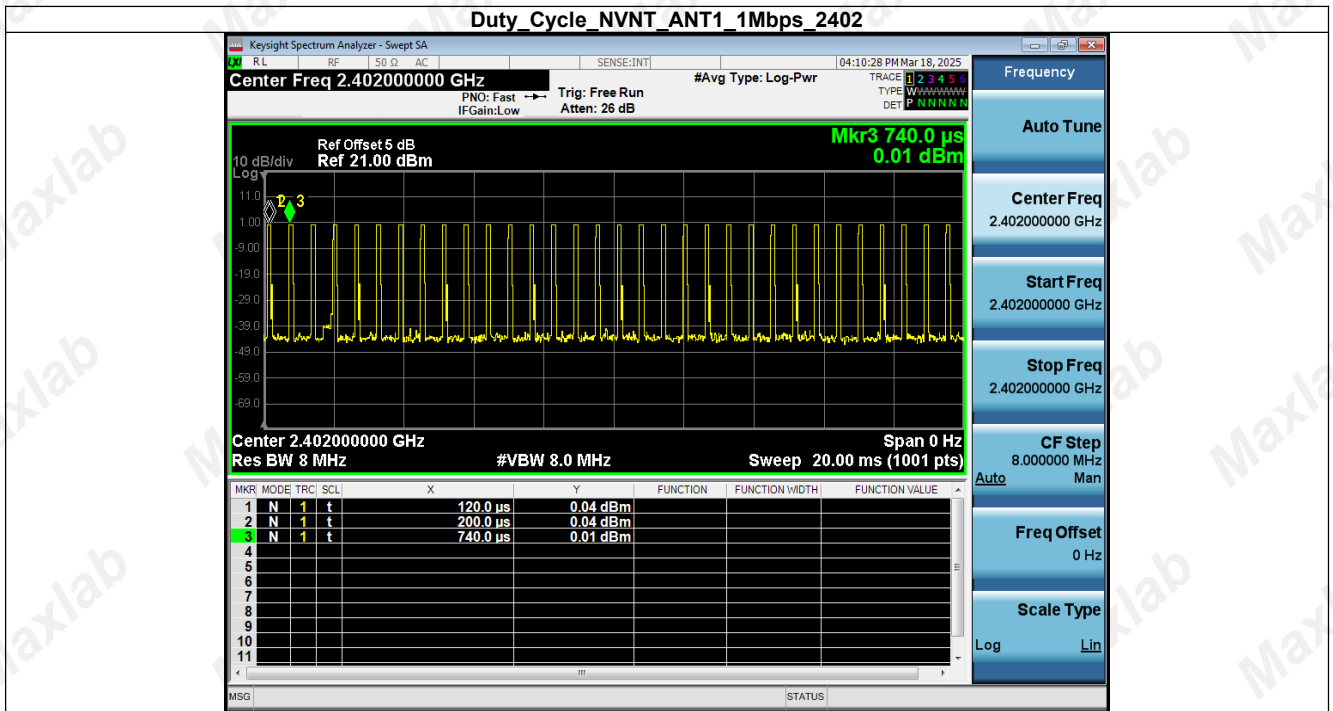


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3. Duty Cycle

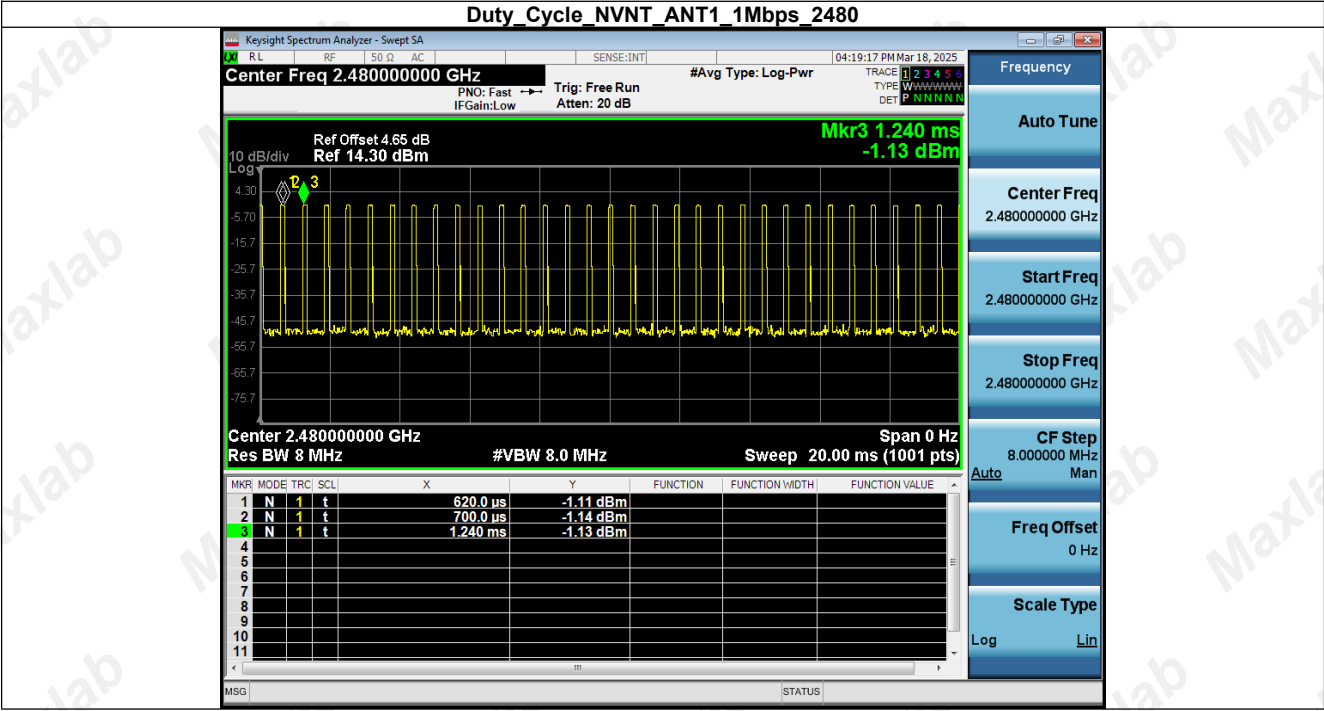
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402.00	12.90	8.89
NVNT	ANT1	1Mbps	2440.00	15.63	8.06
NVNT	ANT1	1Mbps	2480.00	16.13	7.92





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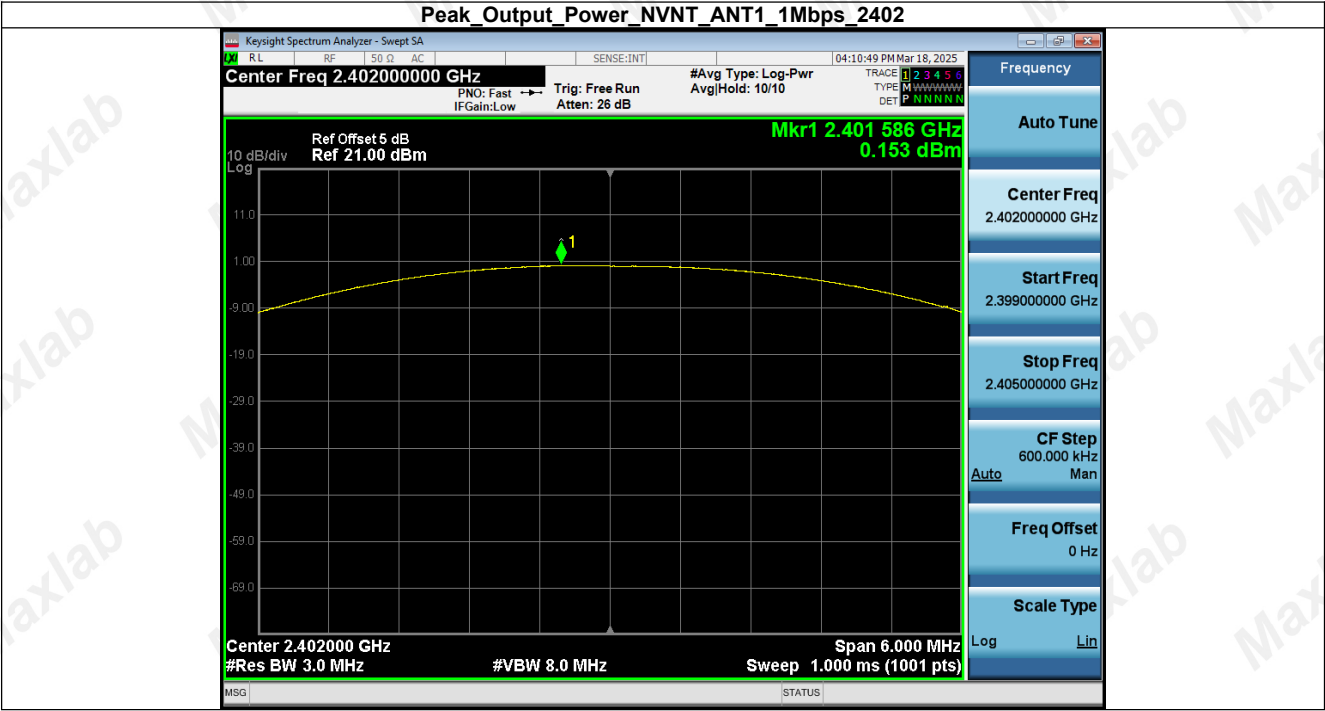
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4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	0.15	1.04	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.48	0.90	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.12	0.77	1000	Pass

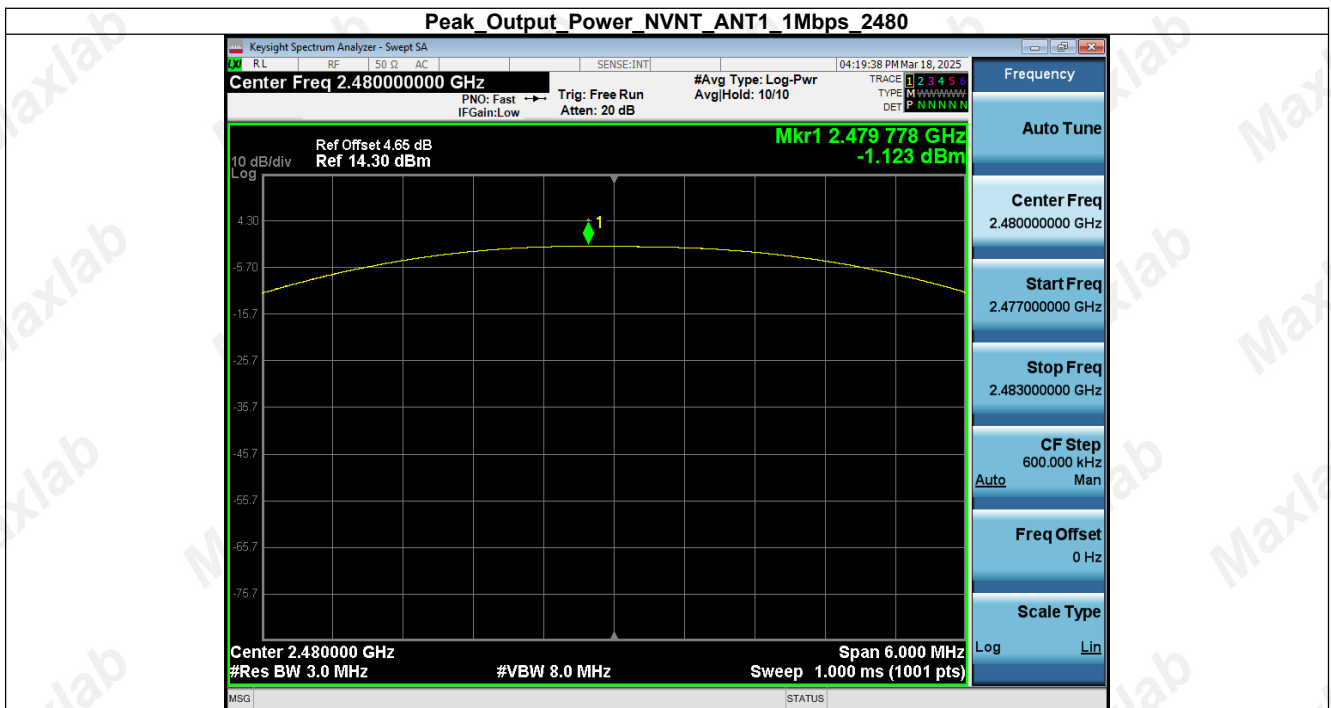
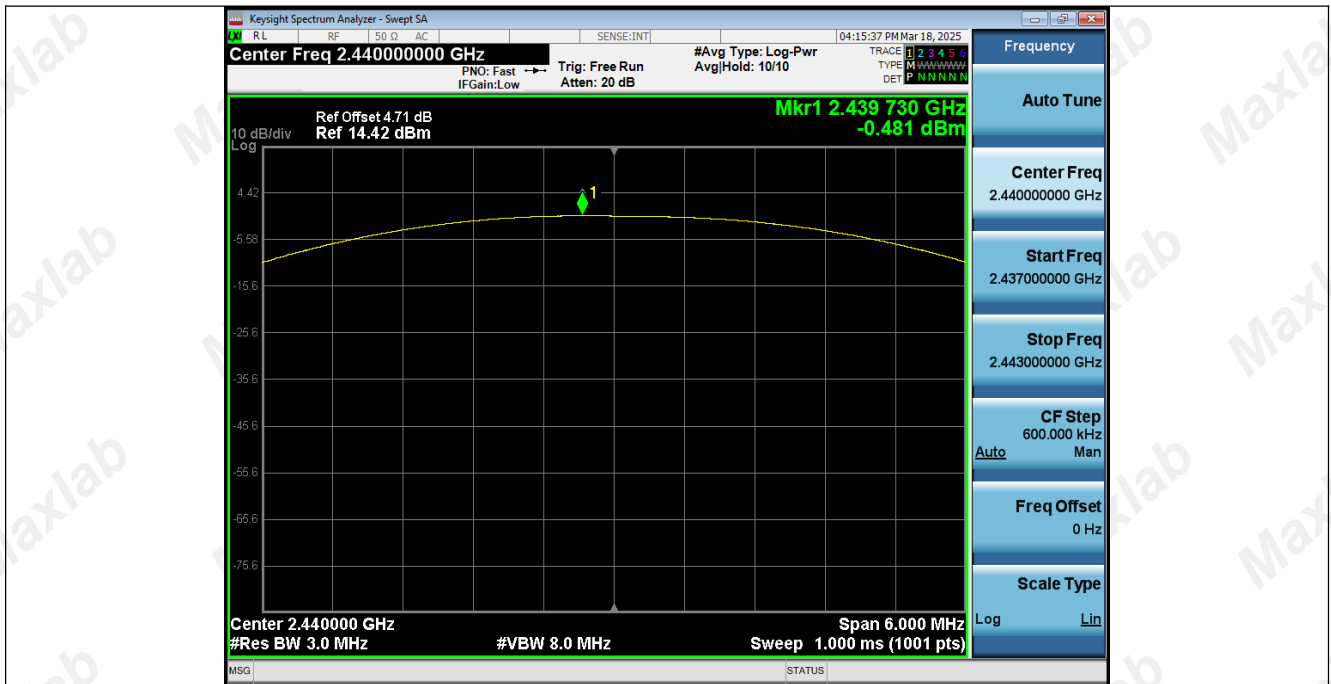


Peak_Output_Power_NVNT_ANT1_1Mbps_2440



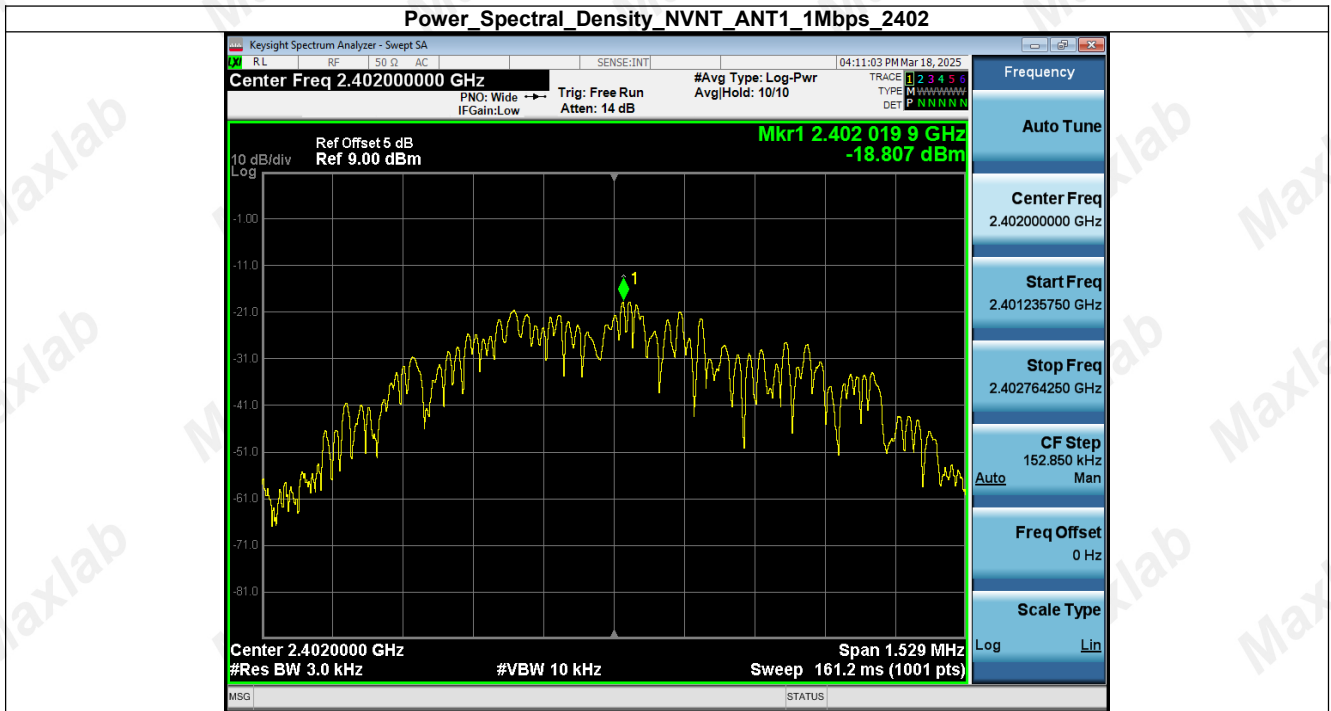
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5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-18.81	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.87	8	Pass
NVNT	ANT1	1Mbps	2480.00	-20.59	8	Pass

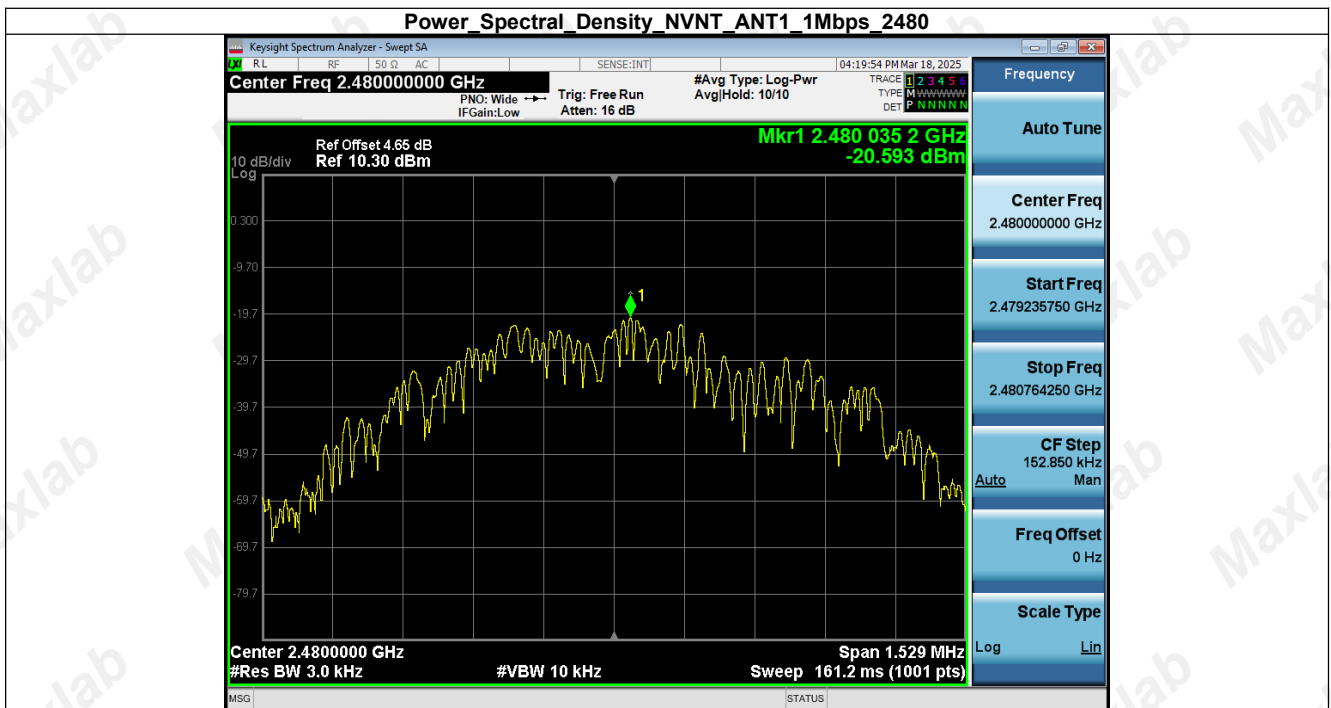


Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



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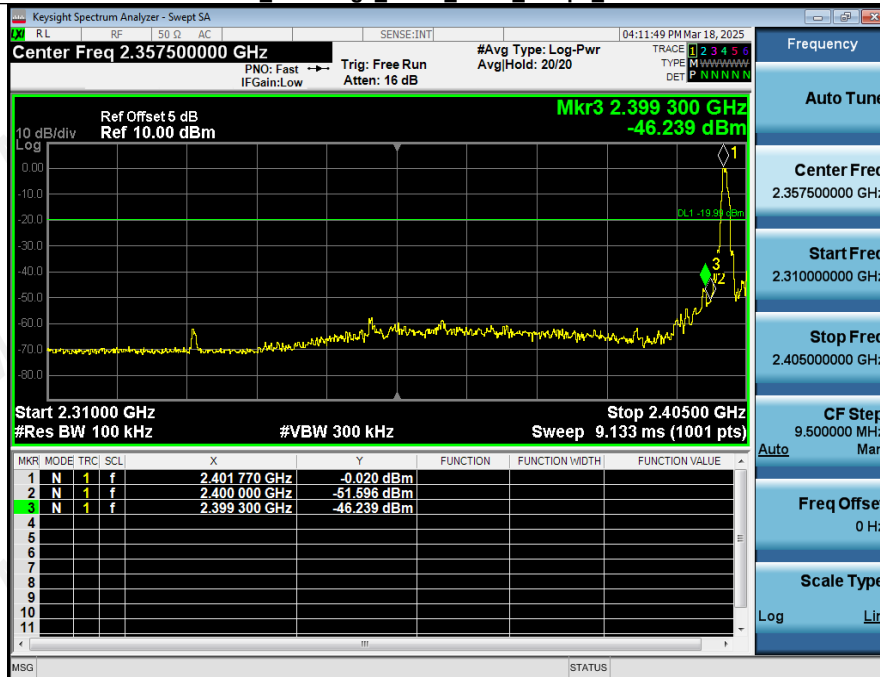
6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	2399.300	0.008	-46.239	-19.992	Pass
NVNT	ANT1	1Mbps	2480.00	2483.650	-1.243	-52.066	-21.243	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Bandedge_NVNT_ANT1_1Mbps_2402





7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	0.008	-47.222	-19.992	Pass
NVNT	ANT1	1Mbps	2440.00	-0.582	-47.674	-20.582	Pass
NVNT	ANT1	1Mbps	2480.00	-1.243	-46.118	-21.243	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious Emission_NVNT_ANT1_1Mbps_2402

