



MAXLAB Testing Co.,Ltd.

Report No.: MAX250221110P03-R02

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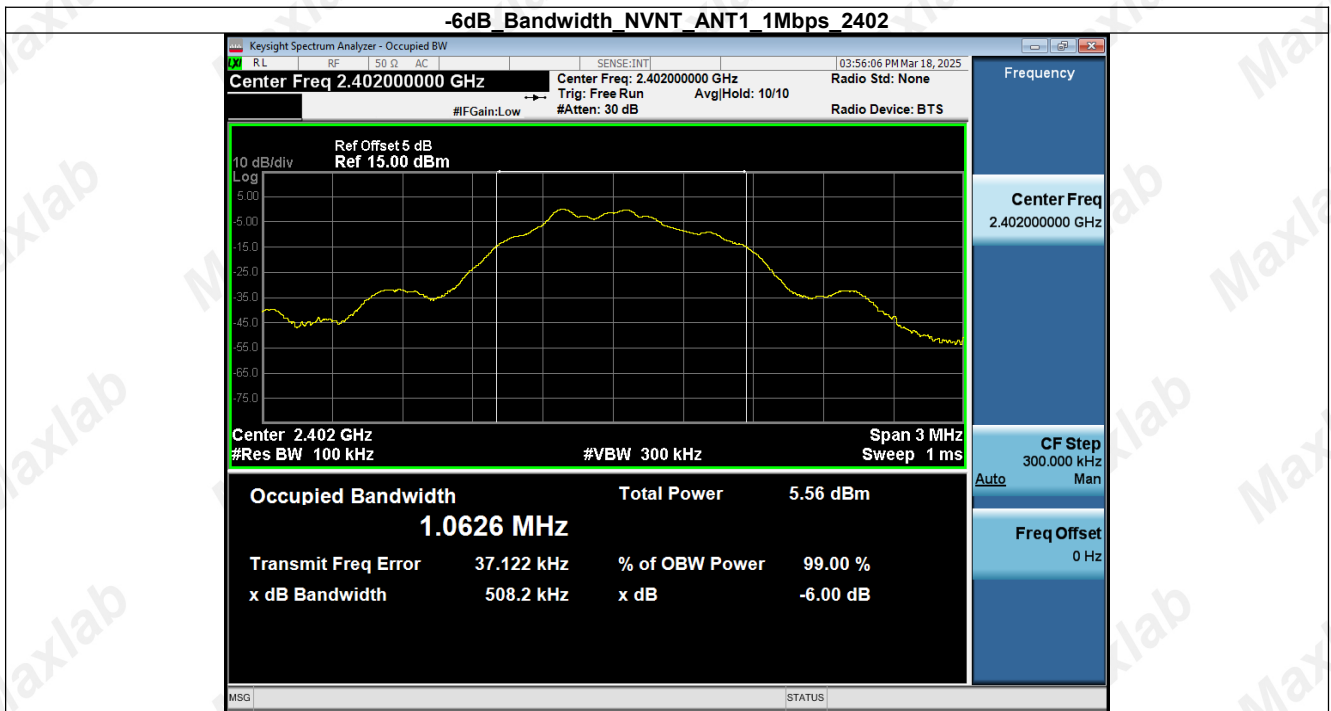
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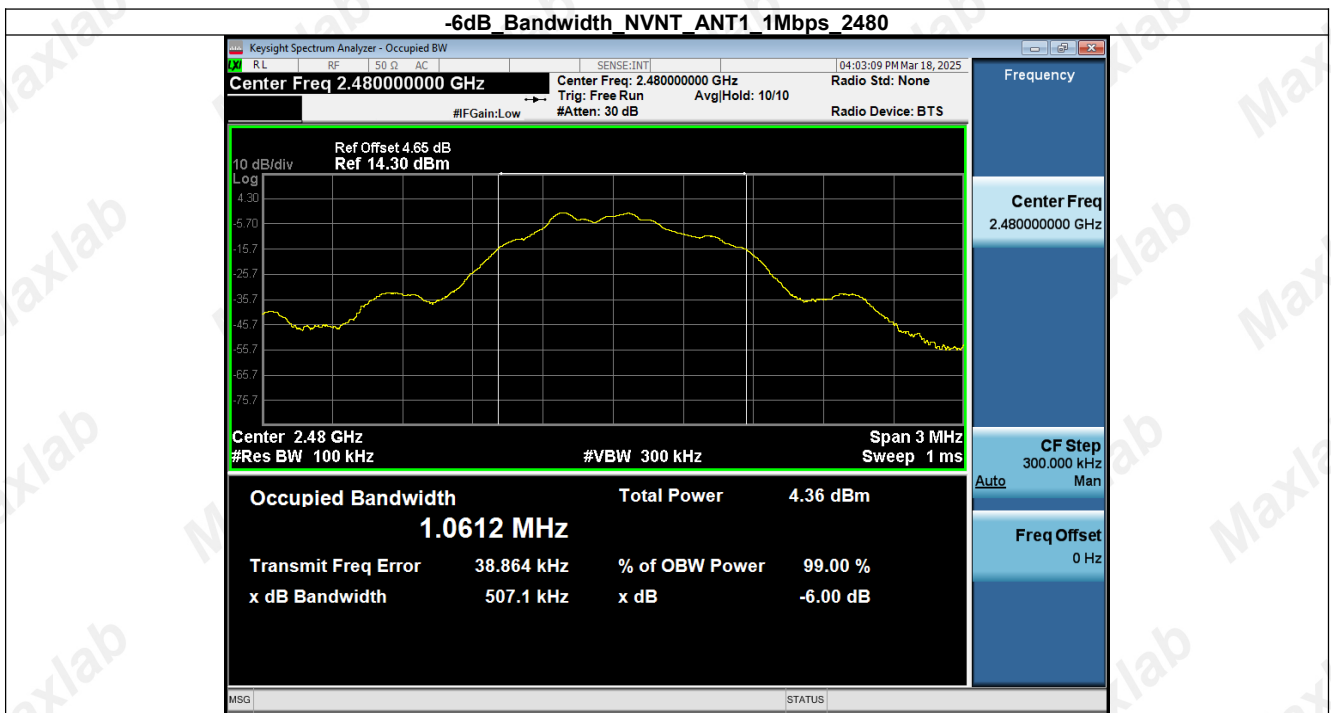
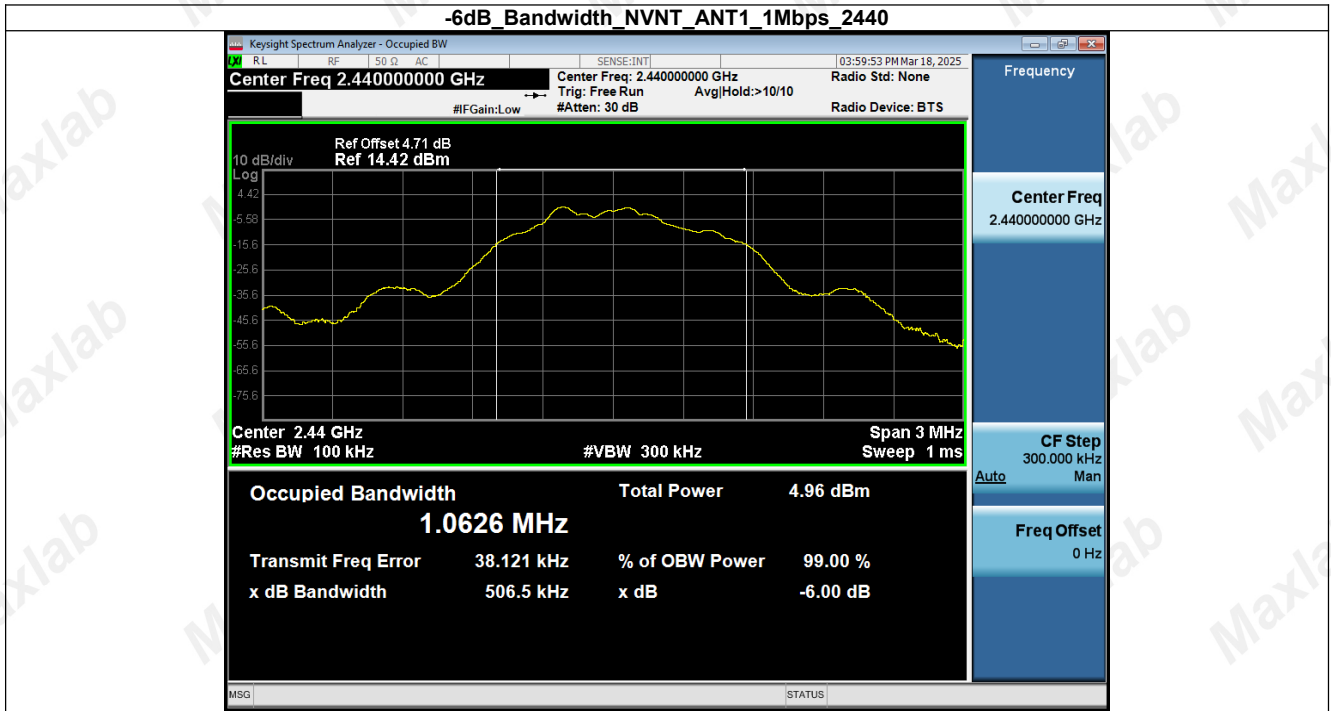
FCC ID:2BMXP-BTW108

FCC_BLE (Part15.247) Test Data

1. -6dB Bandwidth

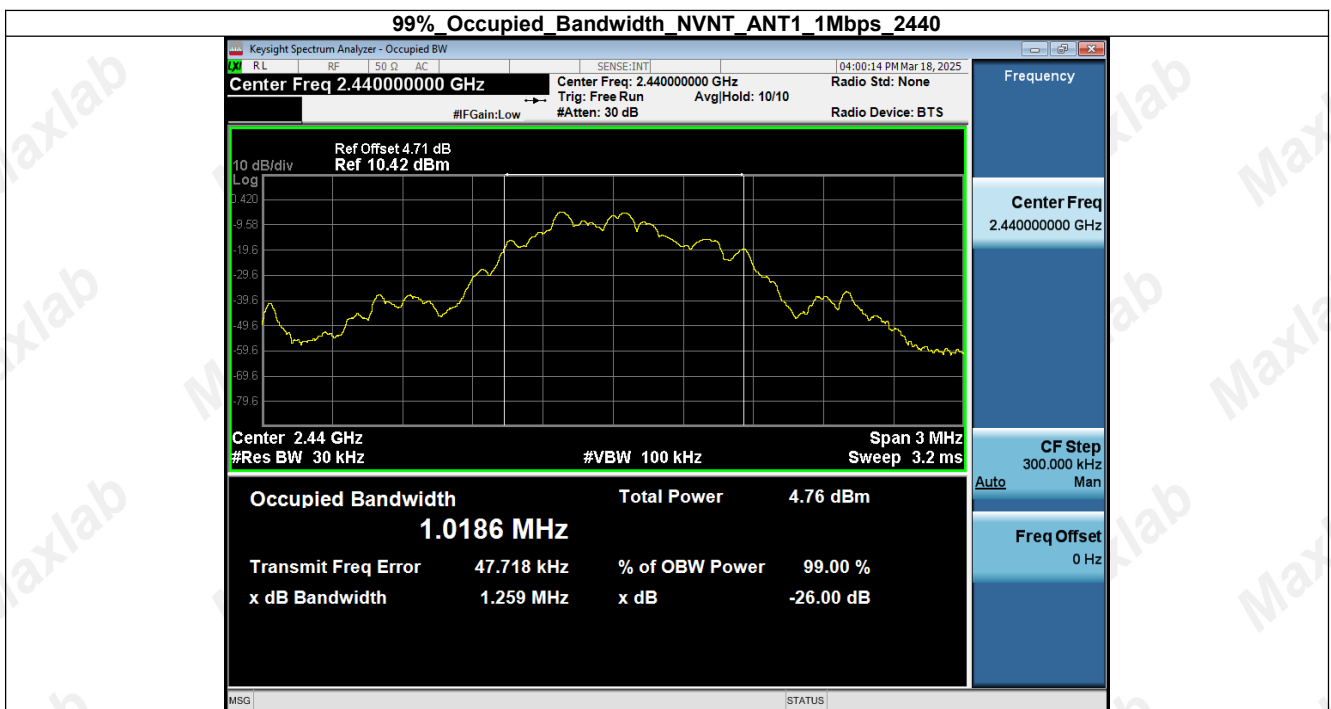
Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402.00	508.25	500	Pass
NVNT	ANT1	1Mbps	2440.00	506.46	500	Pass
NVNT	ANT1	1Mbps	2480.00	507.09	500	Pass





2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402.00	1.018
NVNT	ANT1	1Mbps	2440.00	1.019
NVNT	ANT1	1Mbps	2480.00	1.018





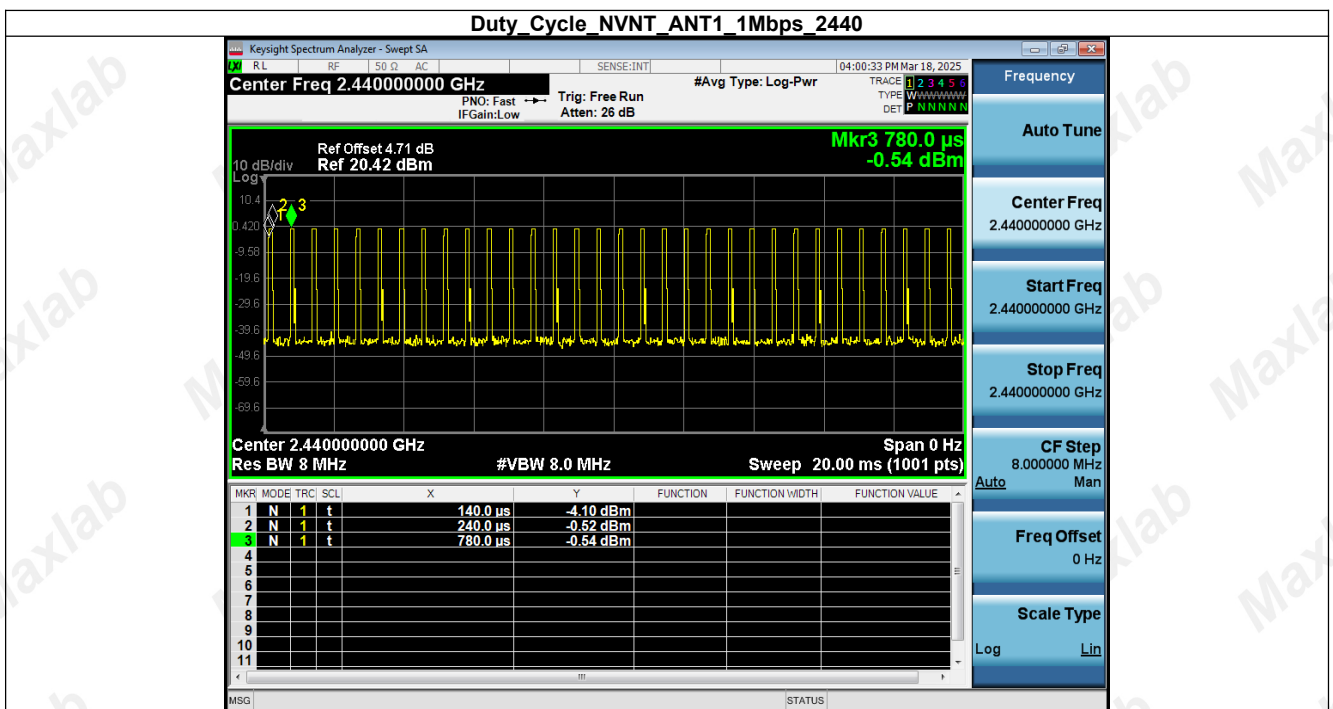
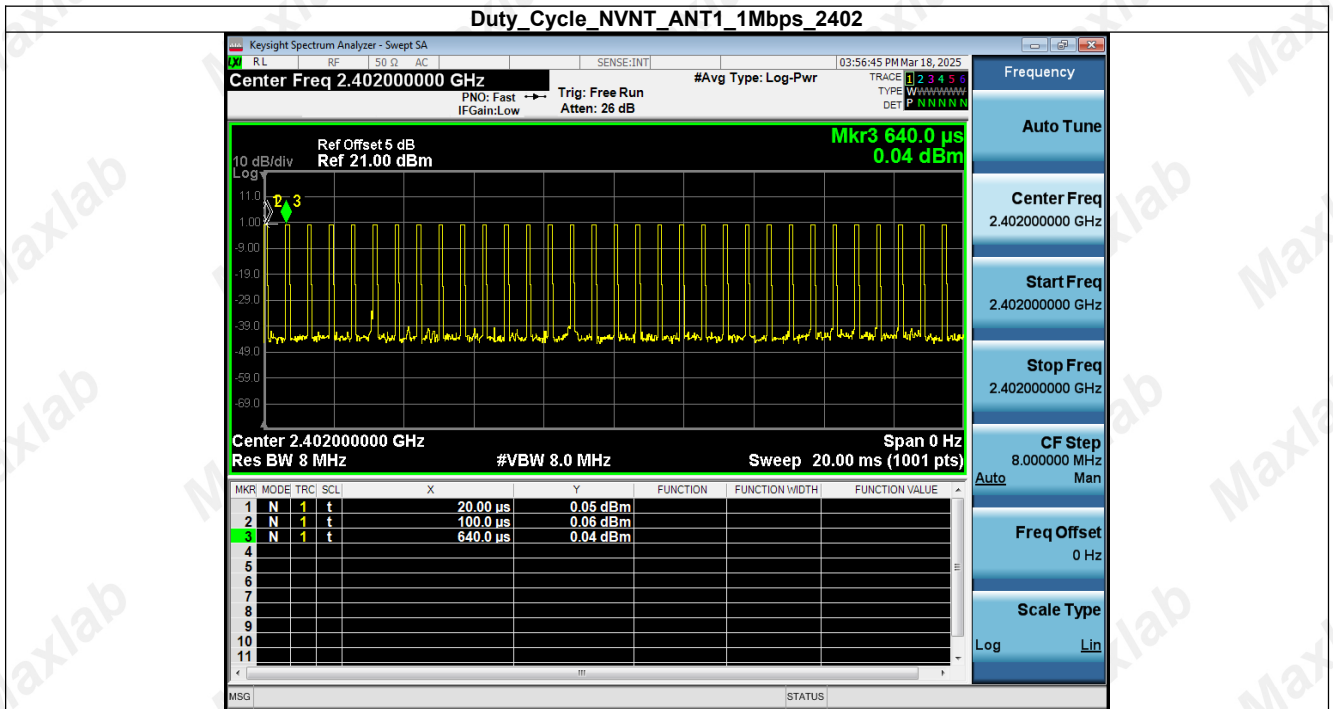


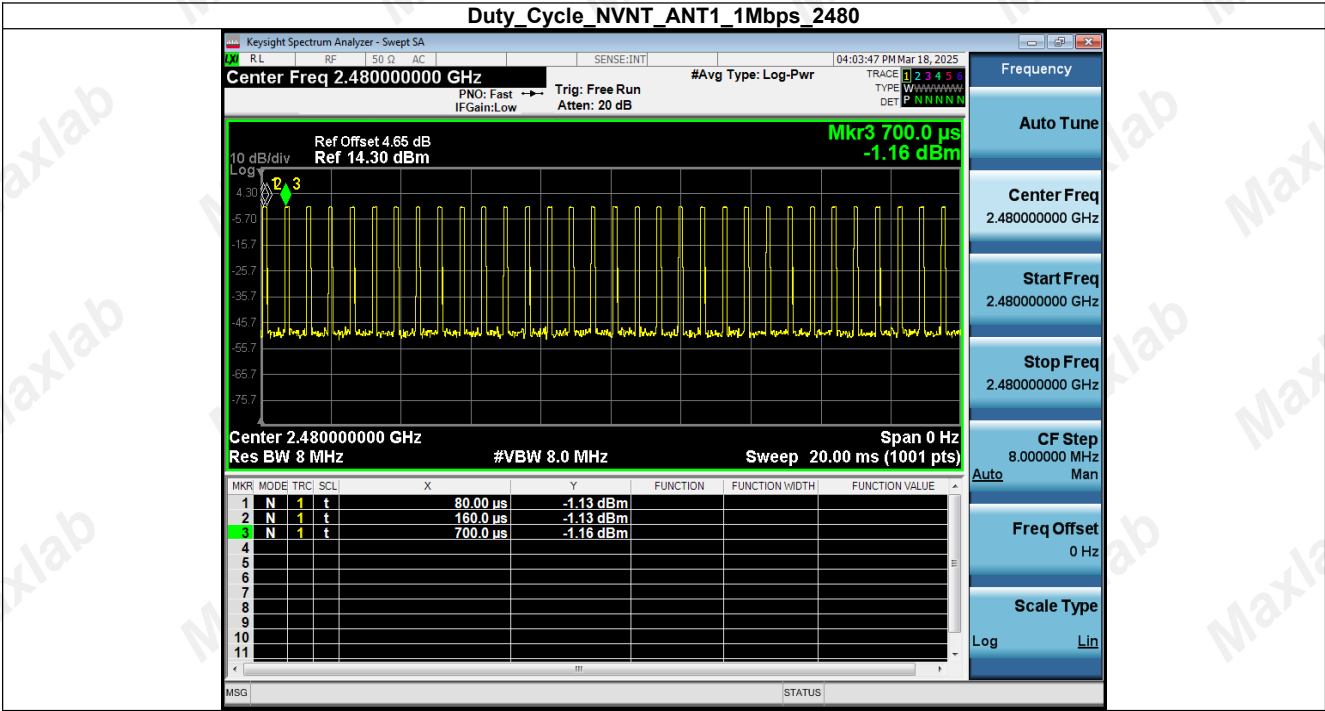
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3. Duty Cycle

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	12.90	8.89





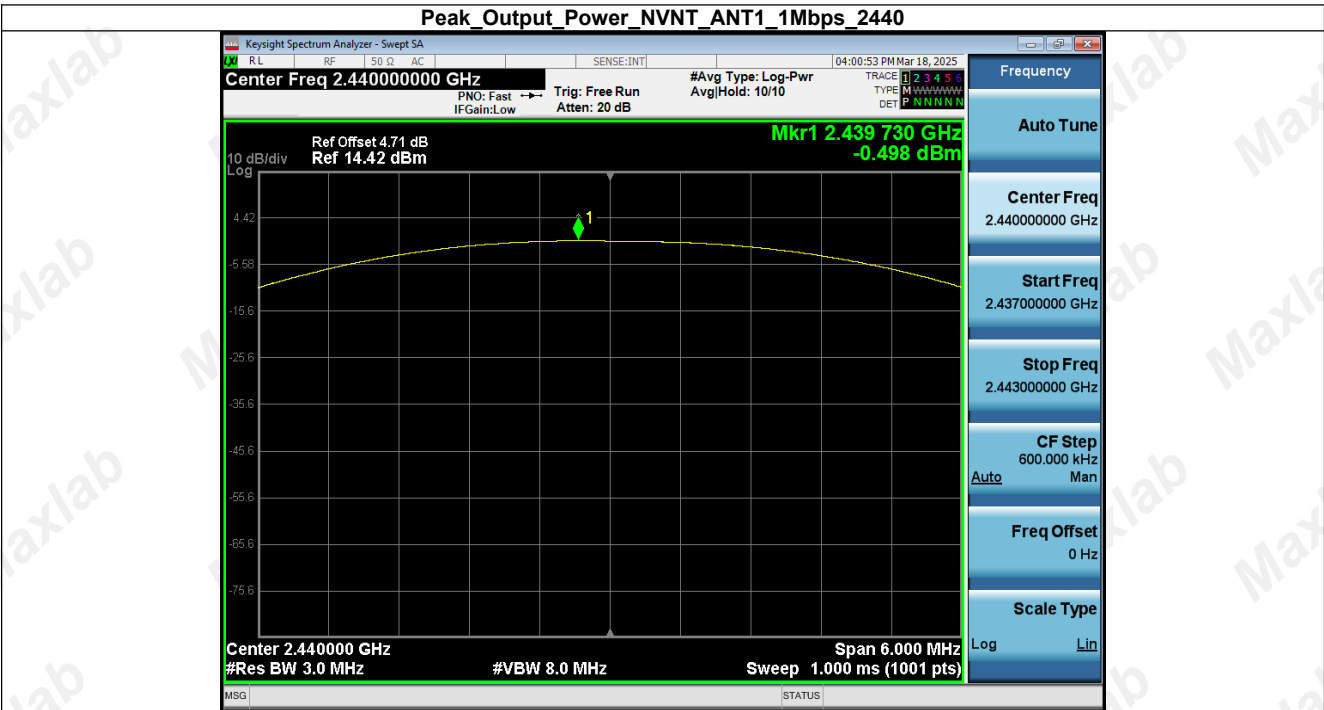
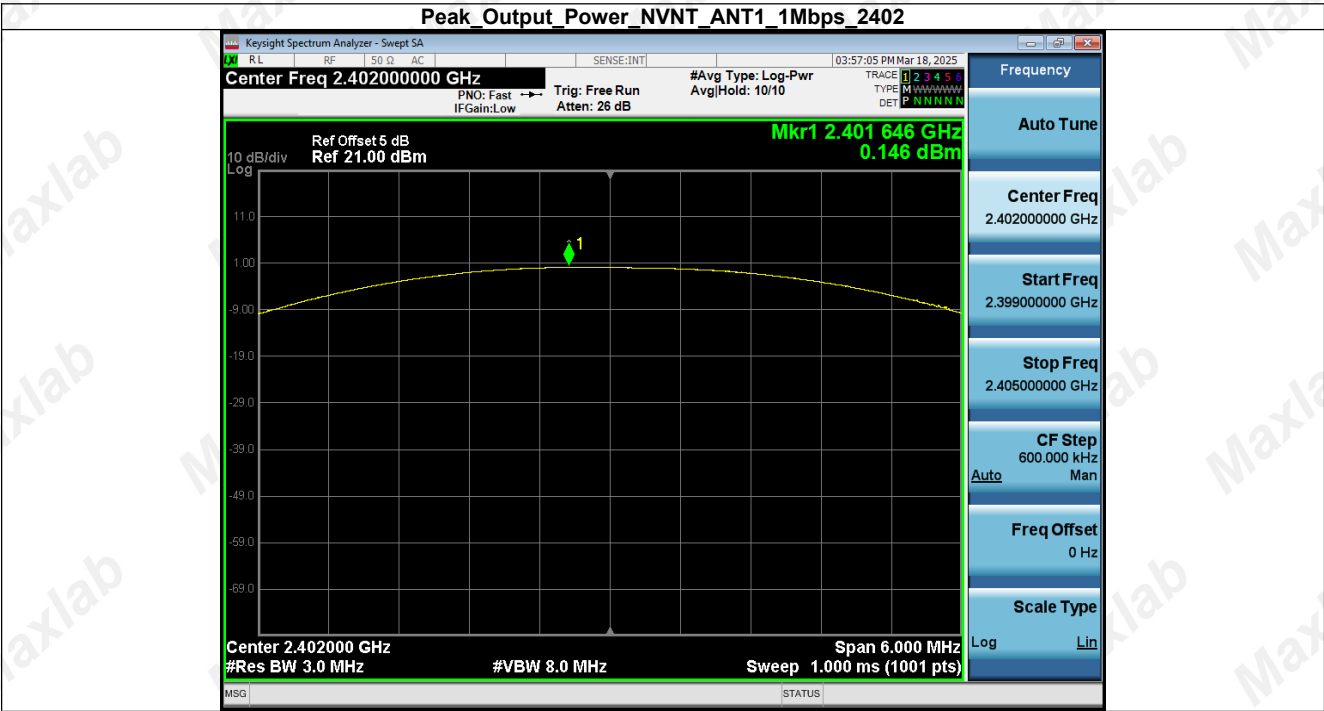


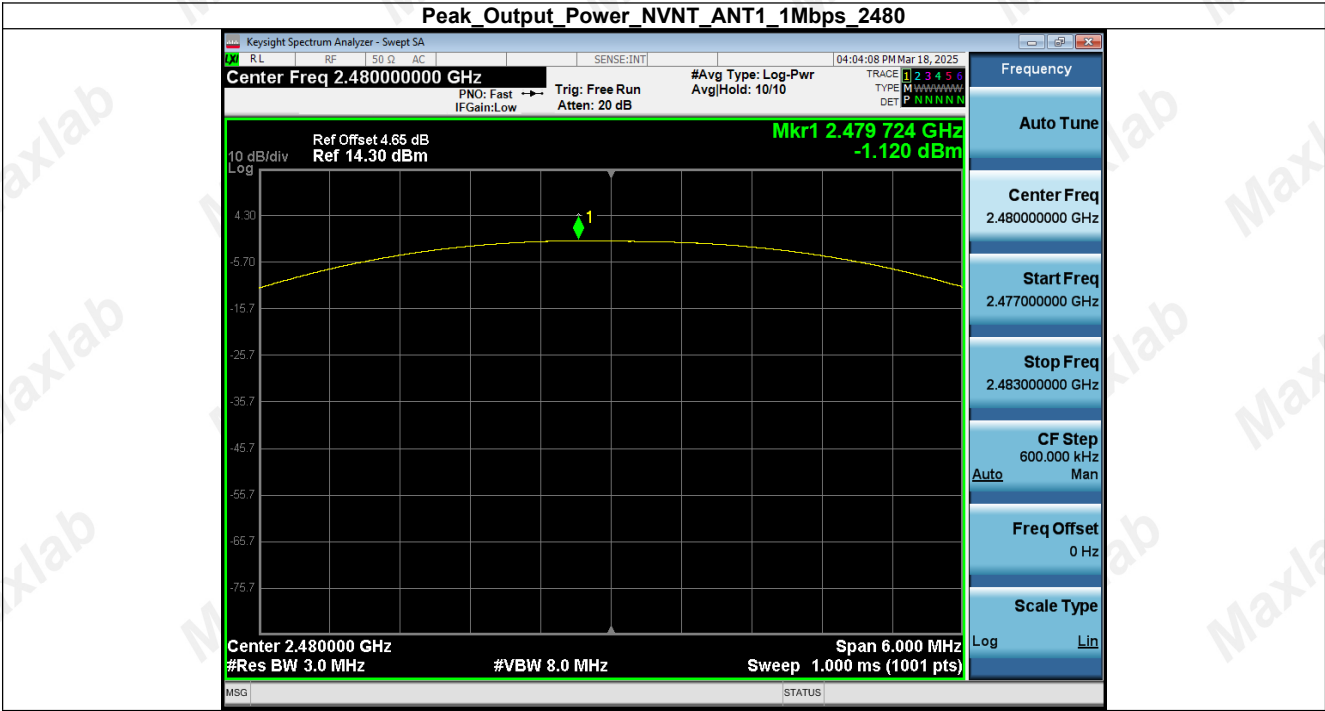
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4. Peak Output Power

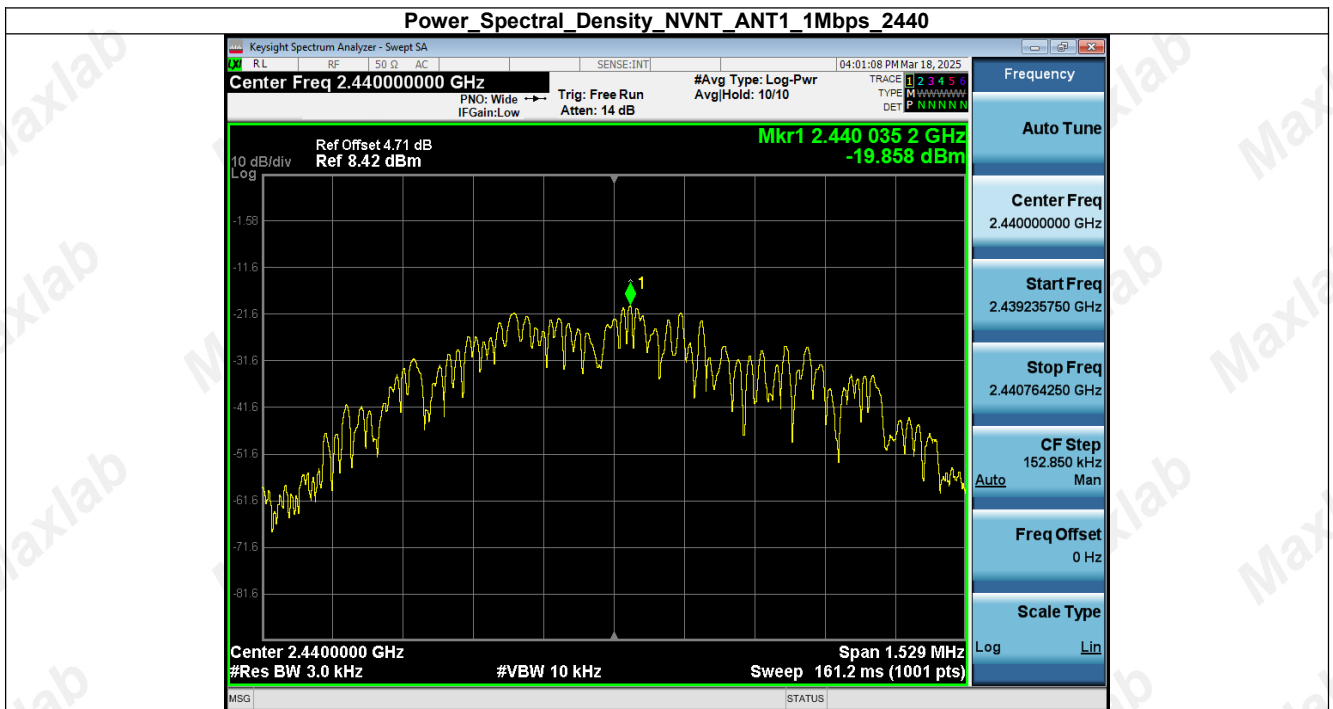
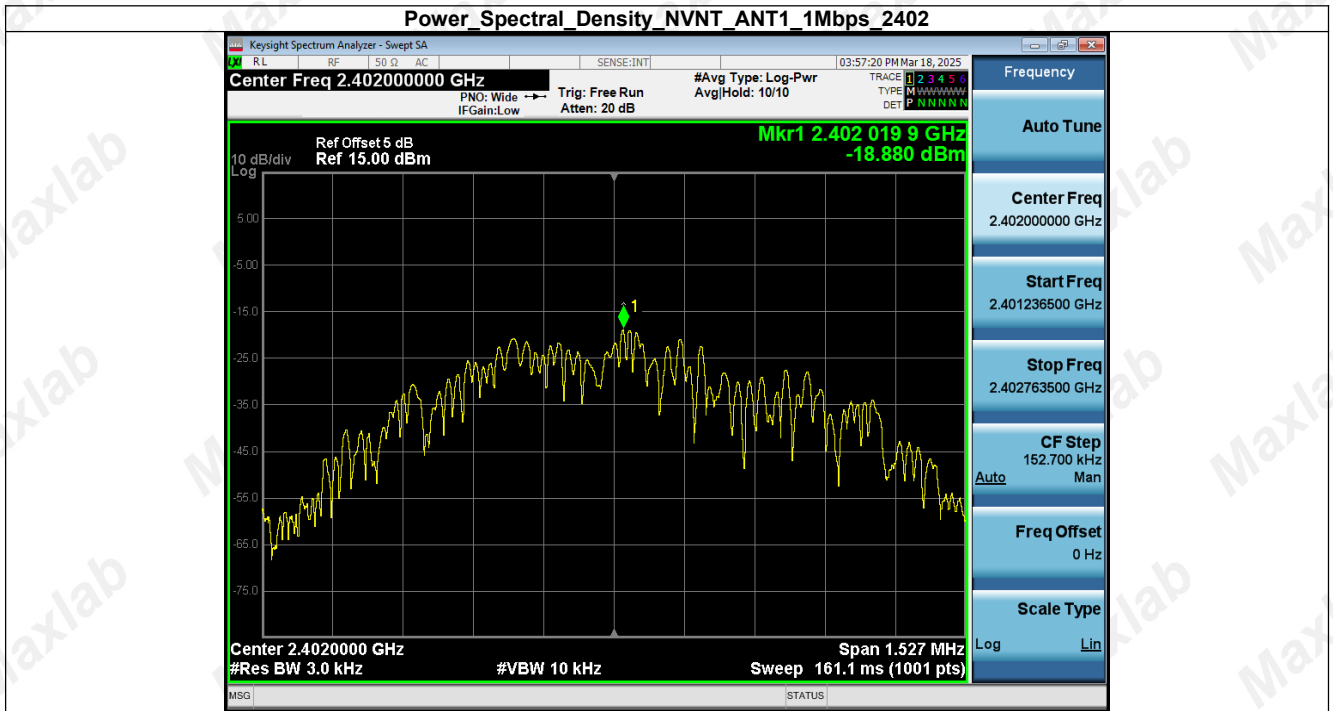
Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402.00	0.15	1.03	1000	Pass
NVNT	ANT1	1Mbps	2440.00	-0.50	0.89	1000	Pass
NVNT	ANT1	1Mbps	2480.00	-1.12	0.77	1000	Pass

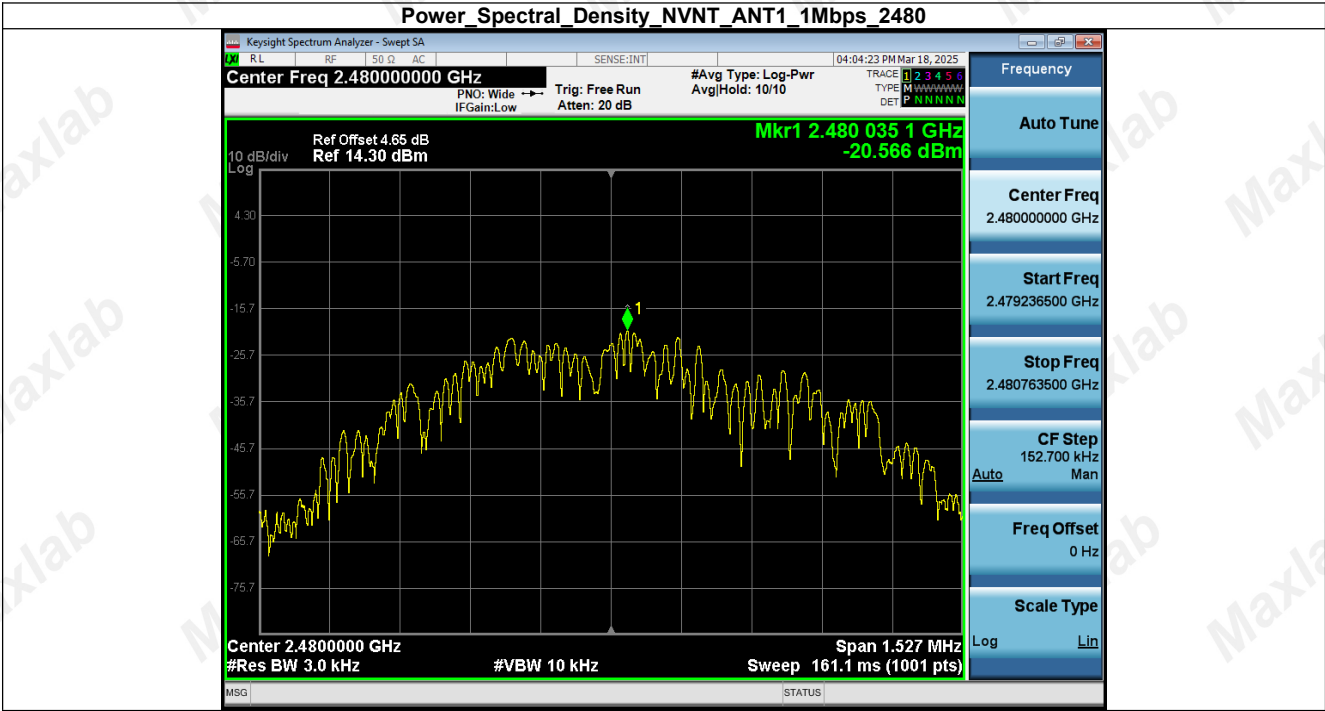




5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm/3kHz)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402.00	-18.88	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.86	8	Pass
NVNT	ANT1	1Mbps	2480.00	-20.57	8	Pass







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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	-0.010	-45.696	-20.010	Pass
NVNT	ANT1	1Mbps	2480.00	2483.625	-1.228	-52.953	-21.228	Pass





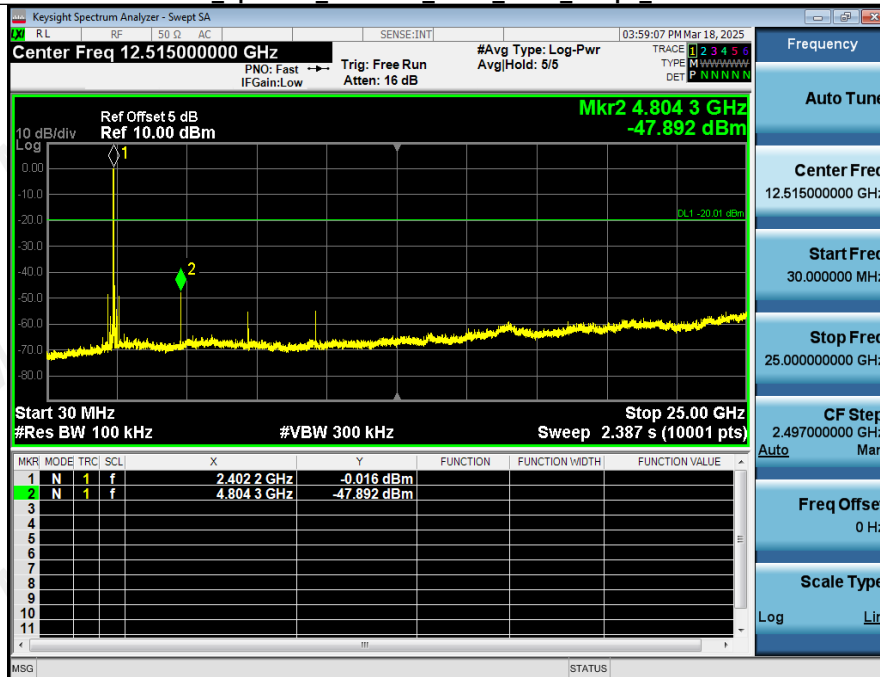
7. Spurious Emission

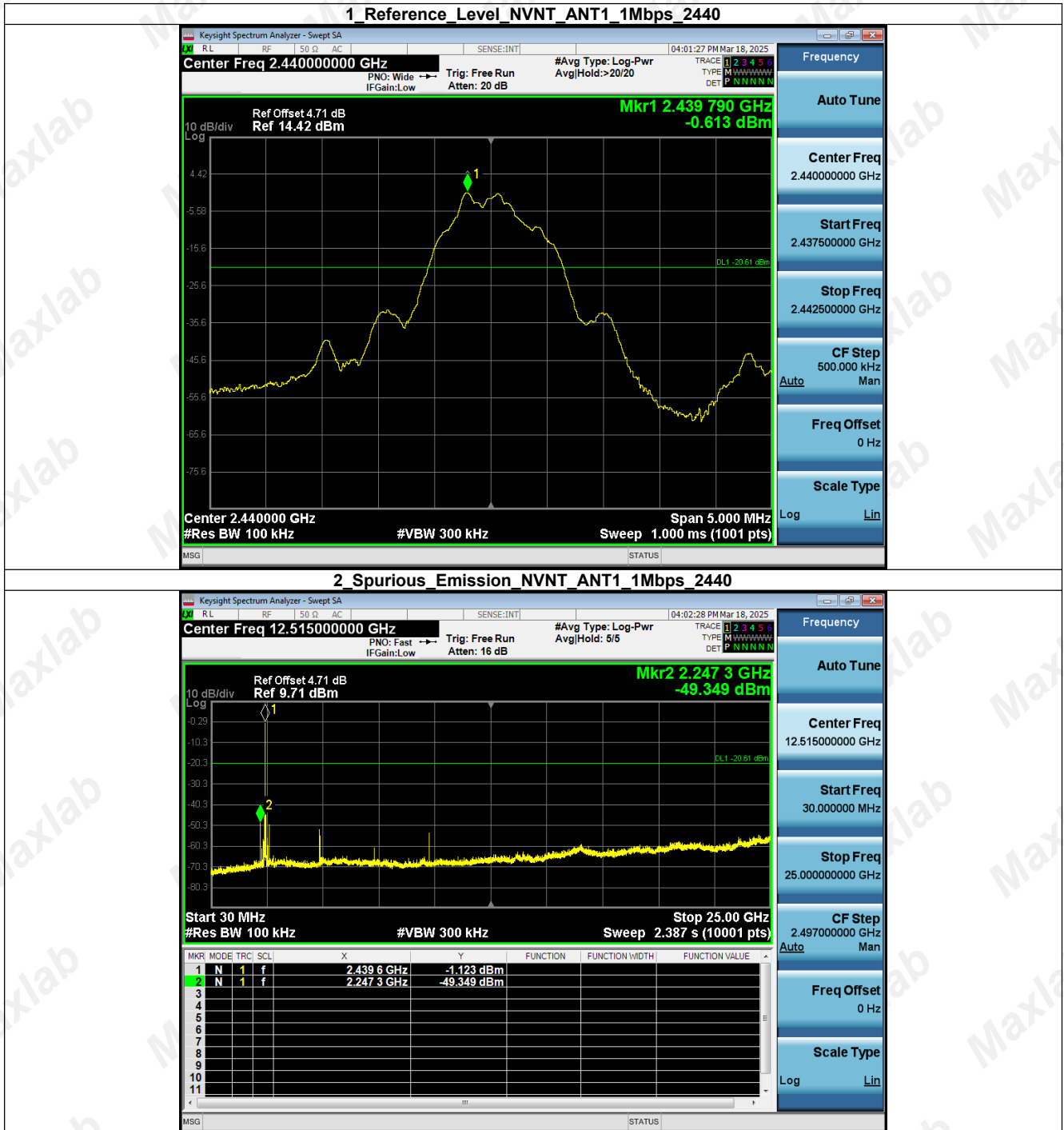
Condition	Antenna	Modulation	TX_Frequency (MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402.00	-0.010	-47.892	-20.010	Pass
NVNT	ANT1	1Mbps	2440.00	-0.613	-49.349	-20.613	Pass
NVNT	ANT1	1Mbps	2480.00	-1.228	-45.396	-21.228	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402







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