

Appendix: Bluetooth LE

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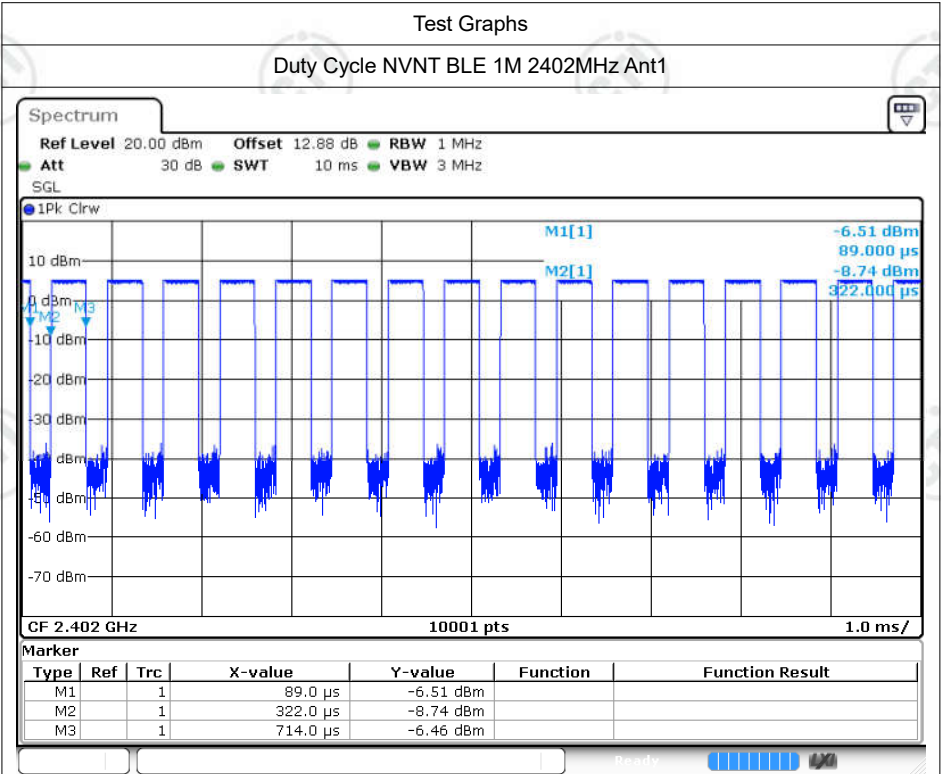
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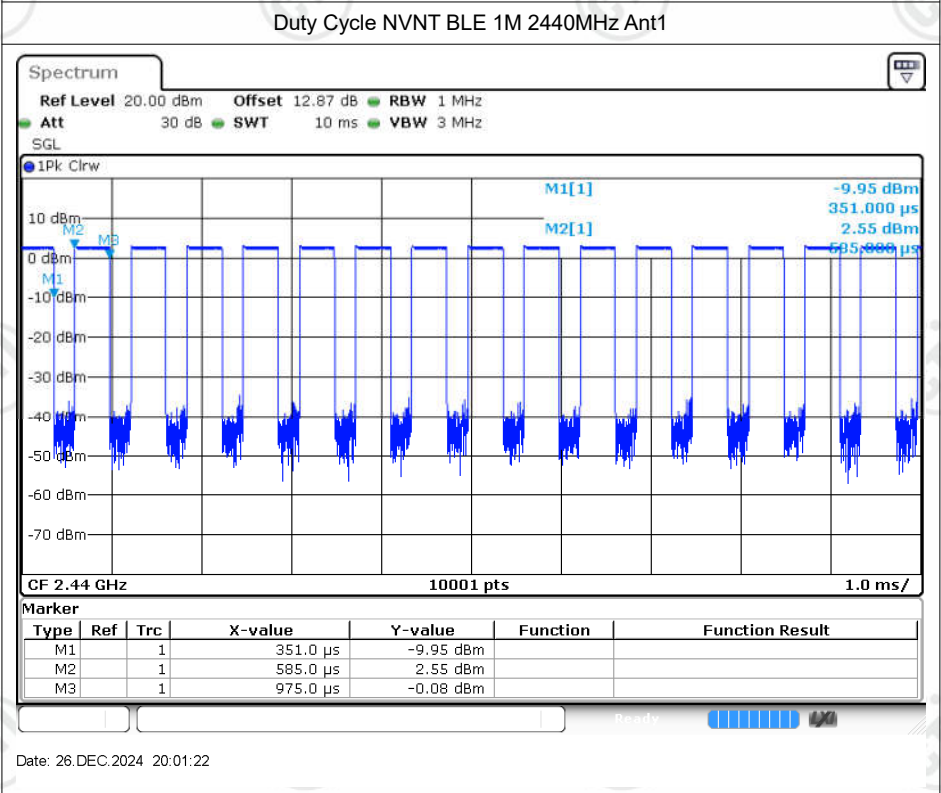
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.72	2.03	2.55
NVNT	BLE 1M	2440	Ant1	62.5	2.04	2.56
NVNT	BLE 1M	2480	Ant1	62.56	2.04	2.56
NVNT	BLE 2M	2402	Ant1	57.65	2.39	0.93
NVNT	BLE 2M	2440	Ant1	57.6	2.40	0.93
NVNT	BLE 2M	2480	Ant1	57.6	2.40	0.93

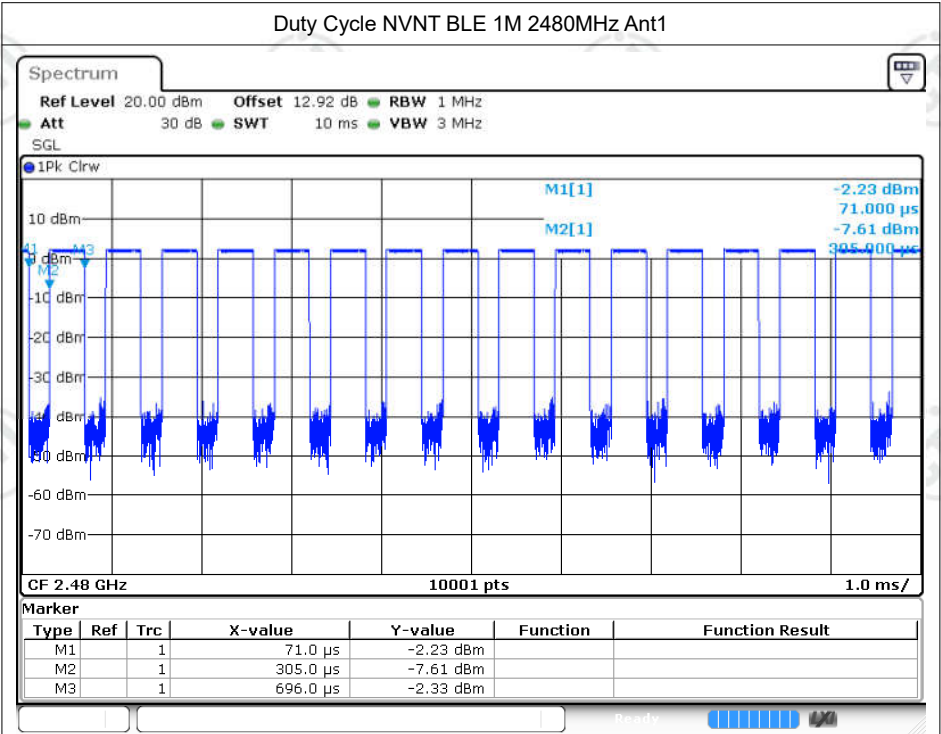
Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);



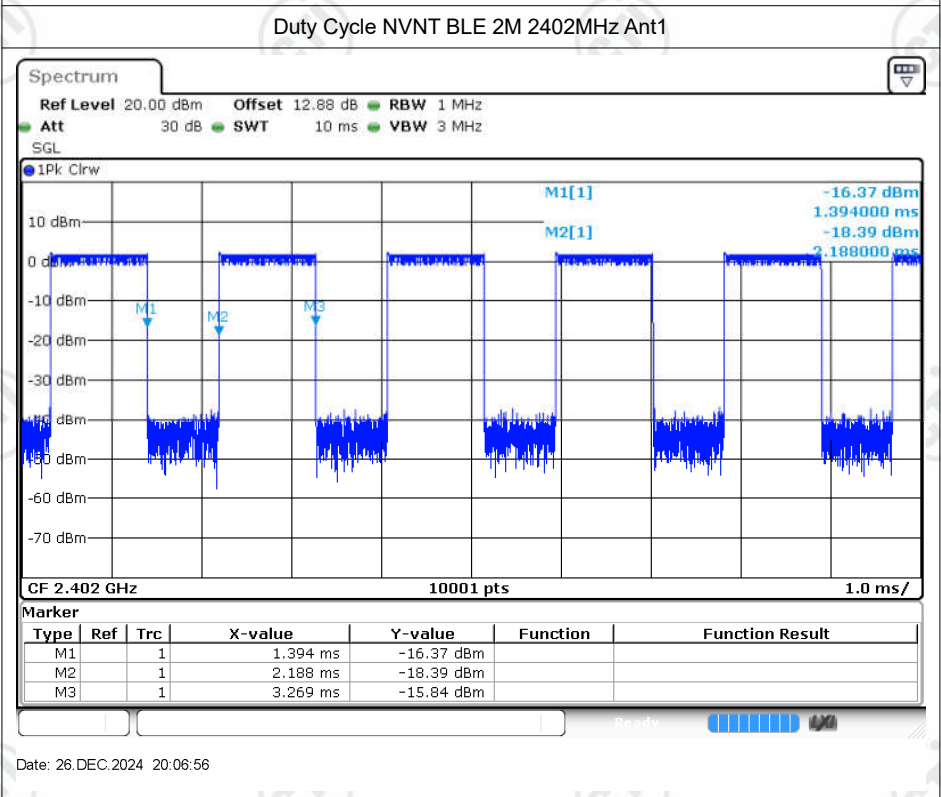
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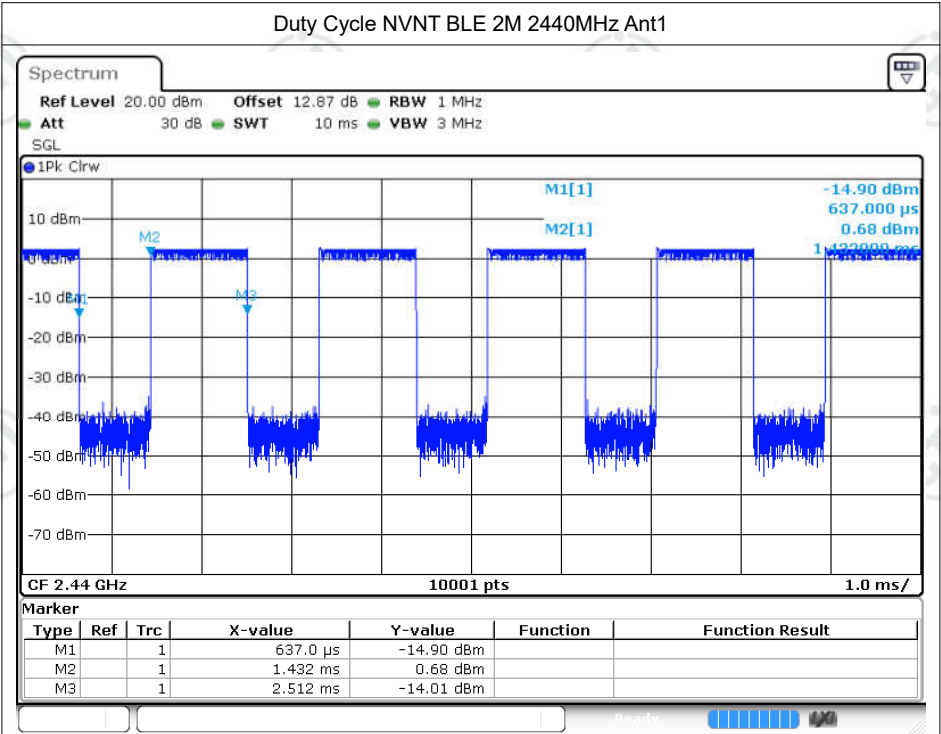
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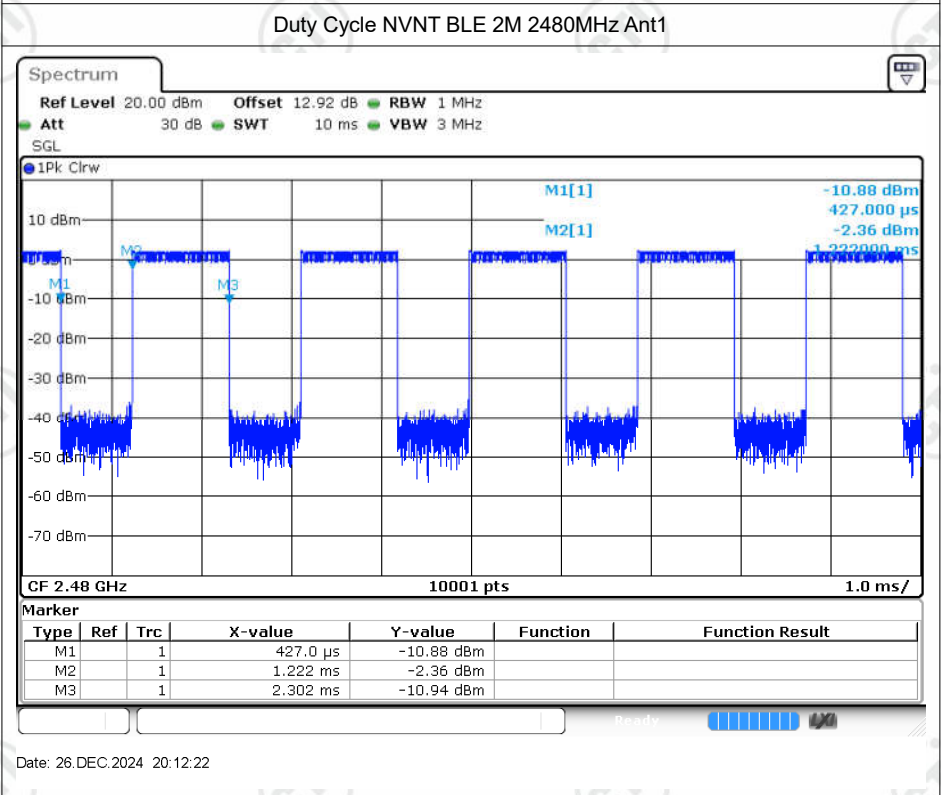
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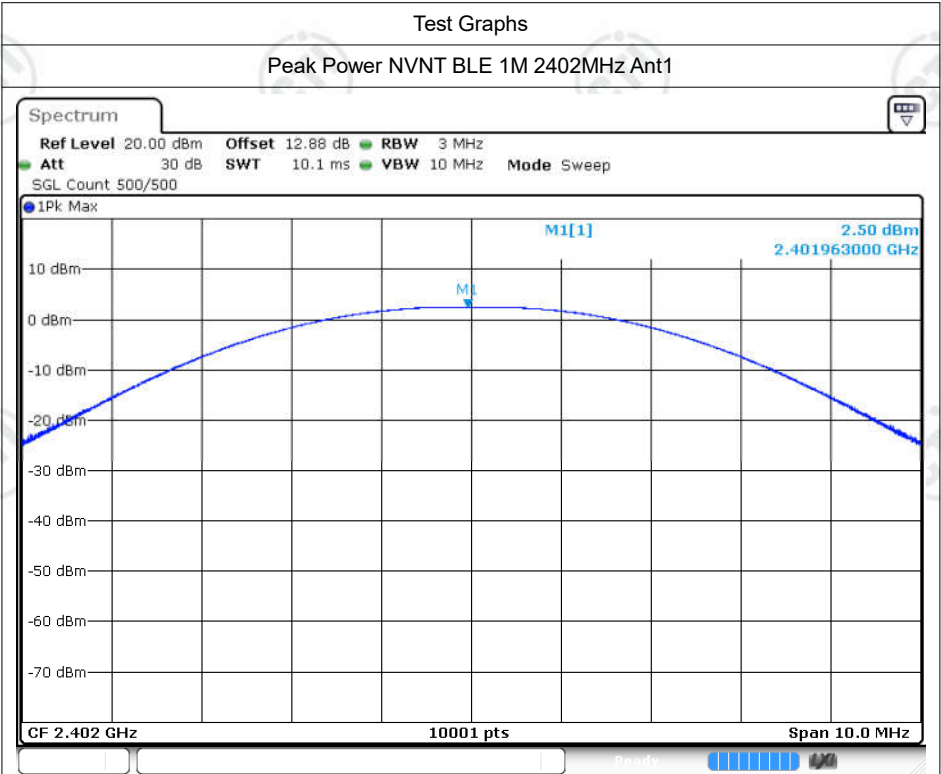
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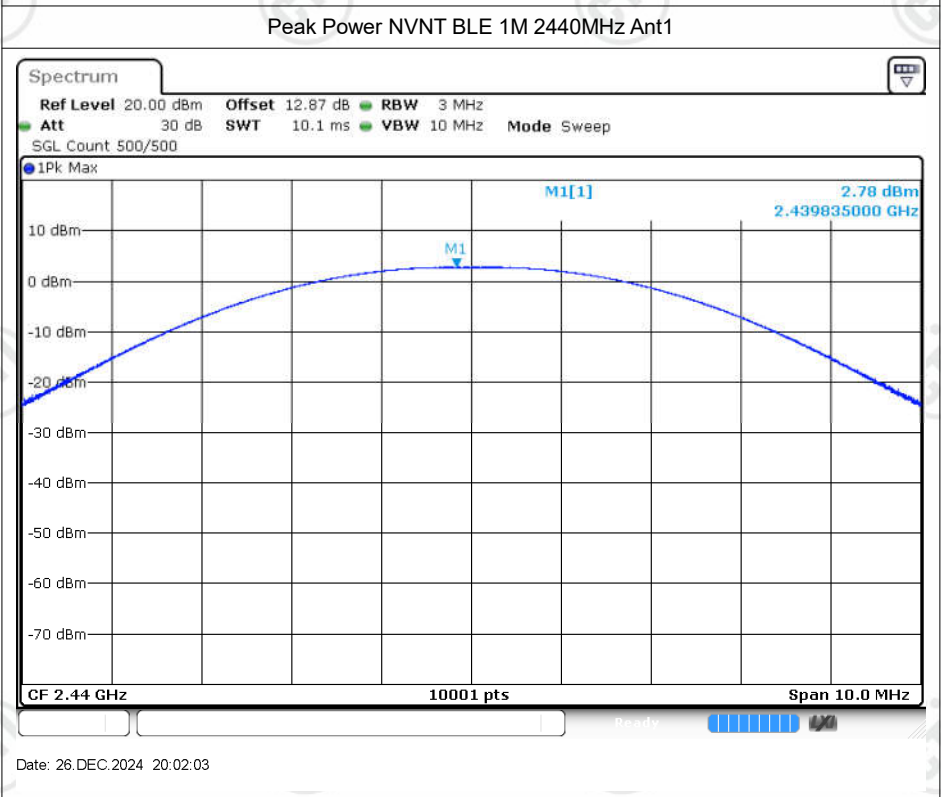
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Maximum Peak Conducted Output Power

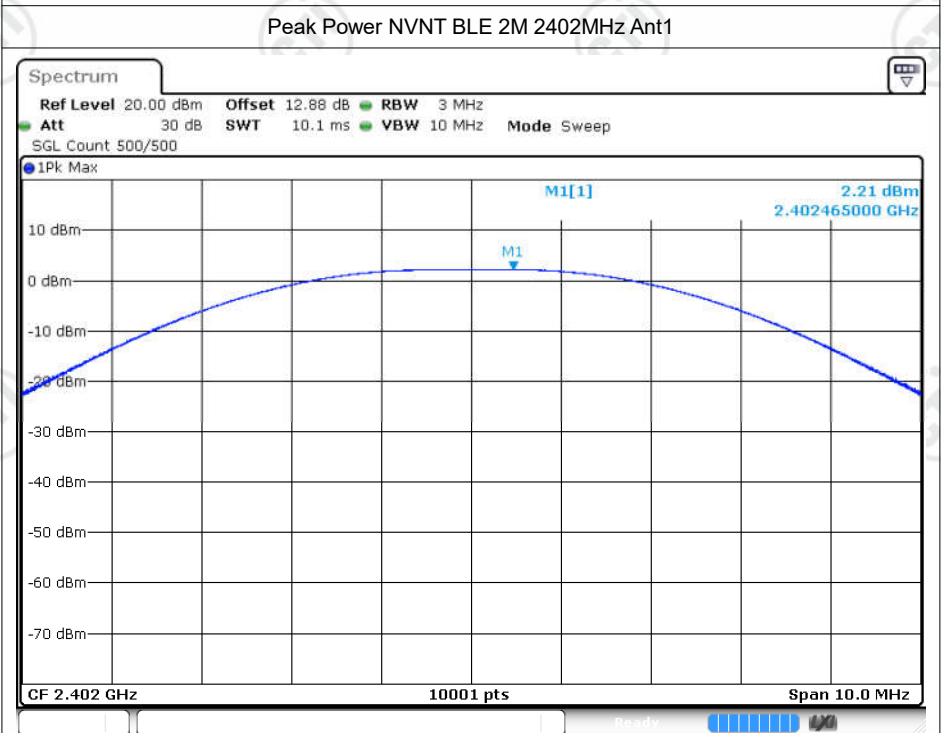
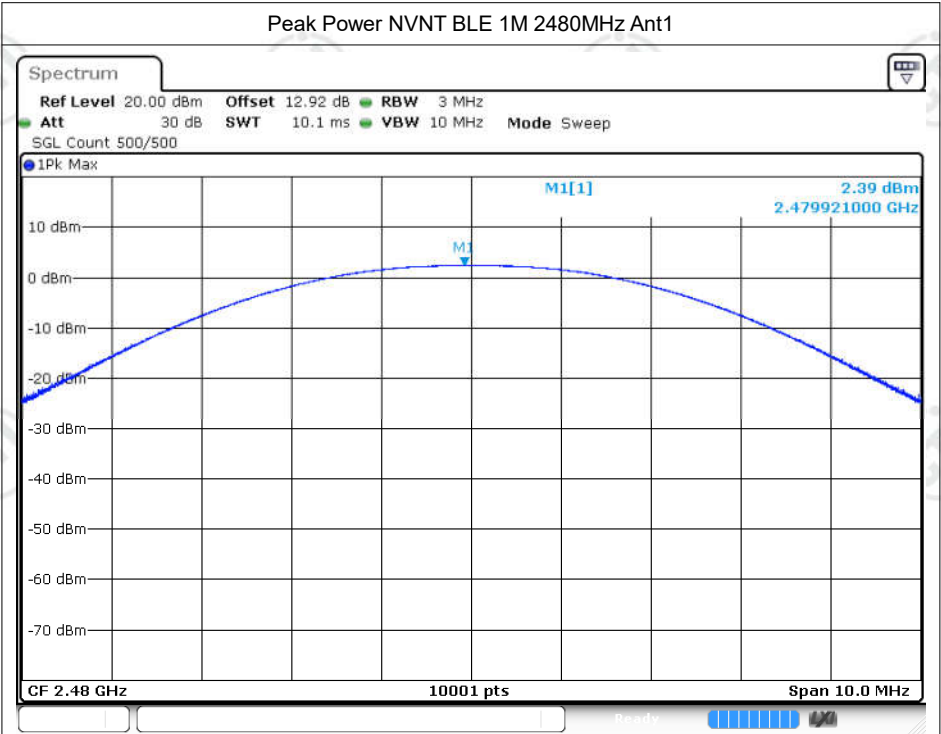
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.50	30	Pass
NVNT	BLE 1M	2440	Ant1	2.78	30	Pass
NVNT	BLE 1M	2480	Ant1	2.39	30	Pass
NVNT	BLE 2M	2402	Ant1	2.21	30	Pass
NVNT	BLE 2M	2440	Ant1	2.73	30	Pass
NVNT	BLE 2M	2480	Ant1	2.38	30	Pass

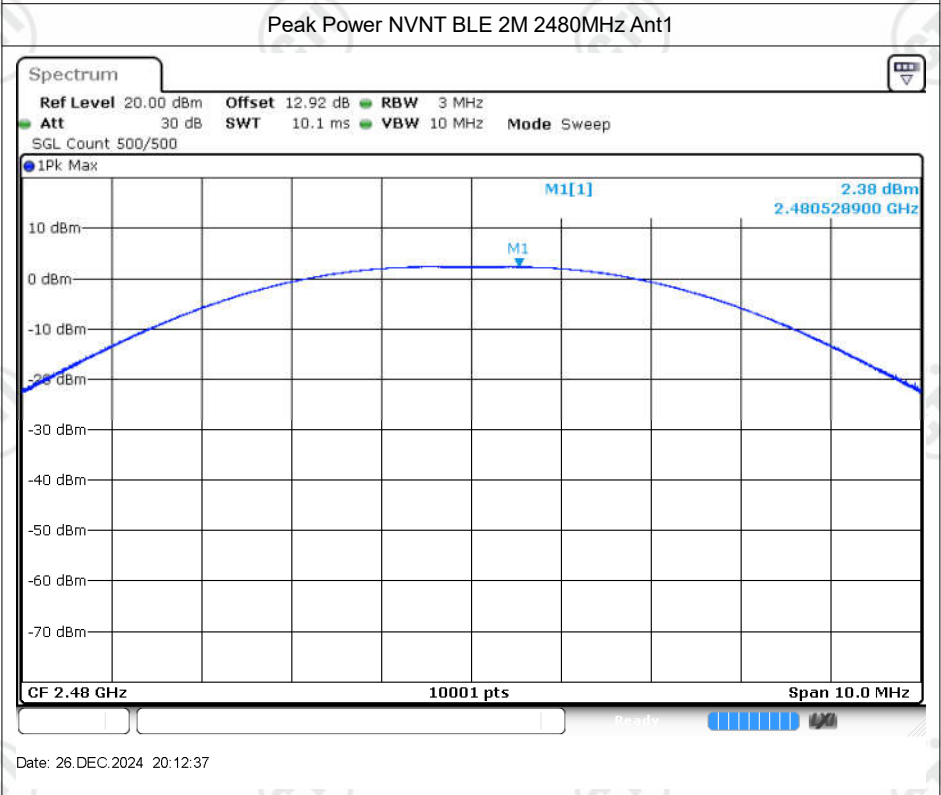
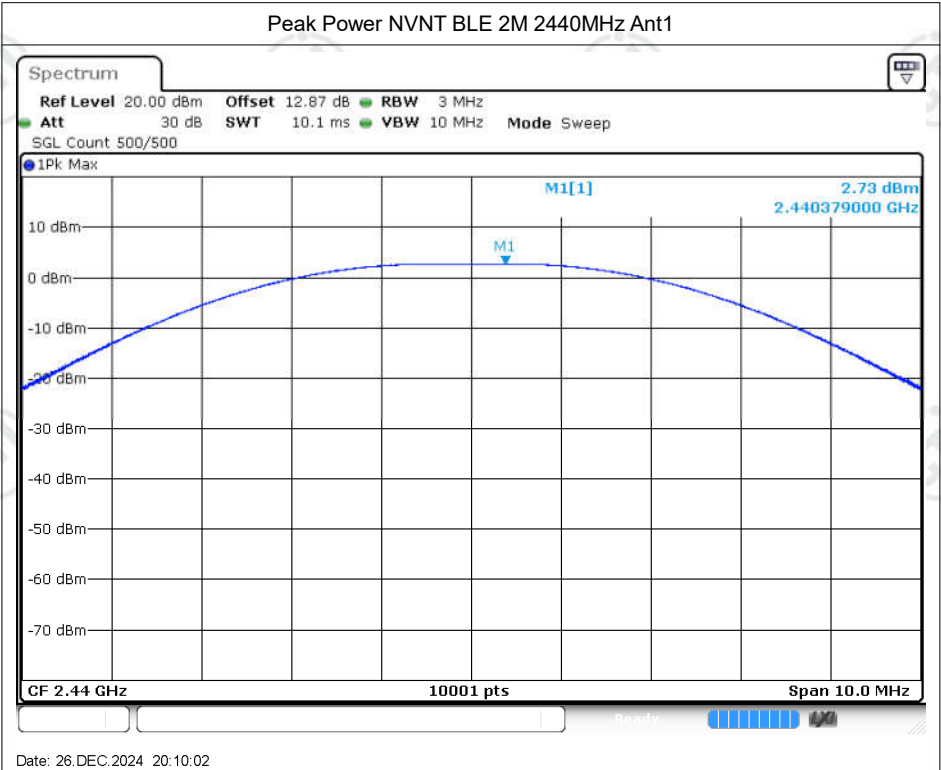


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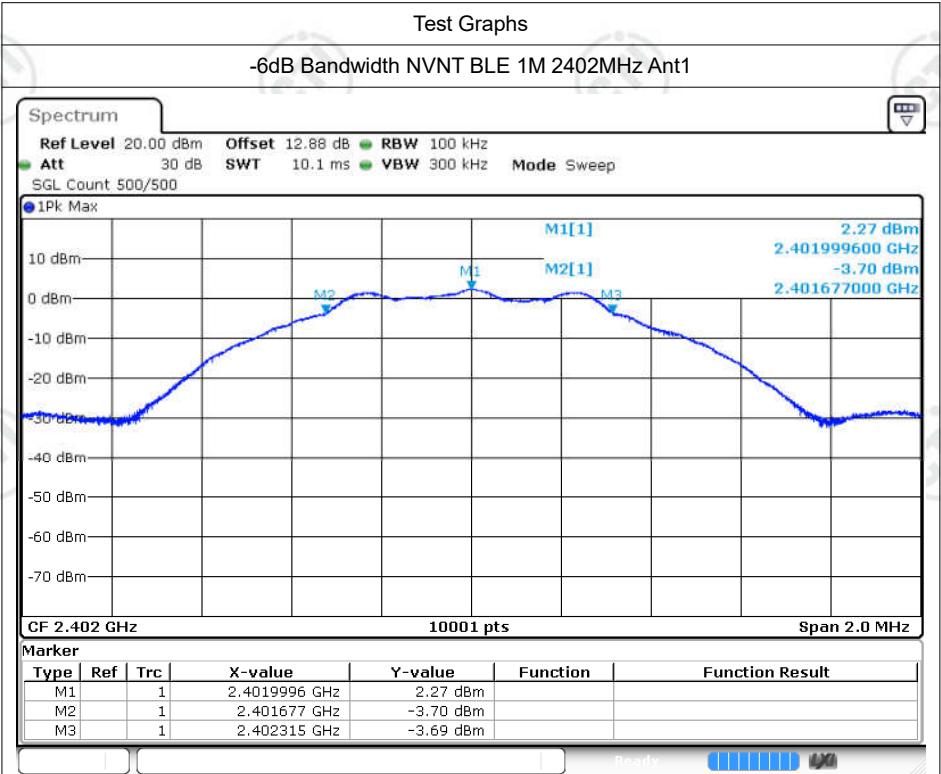
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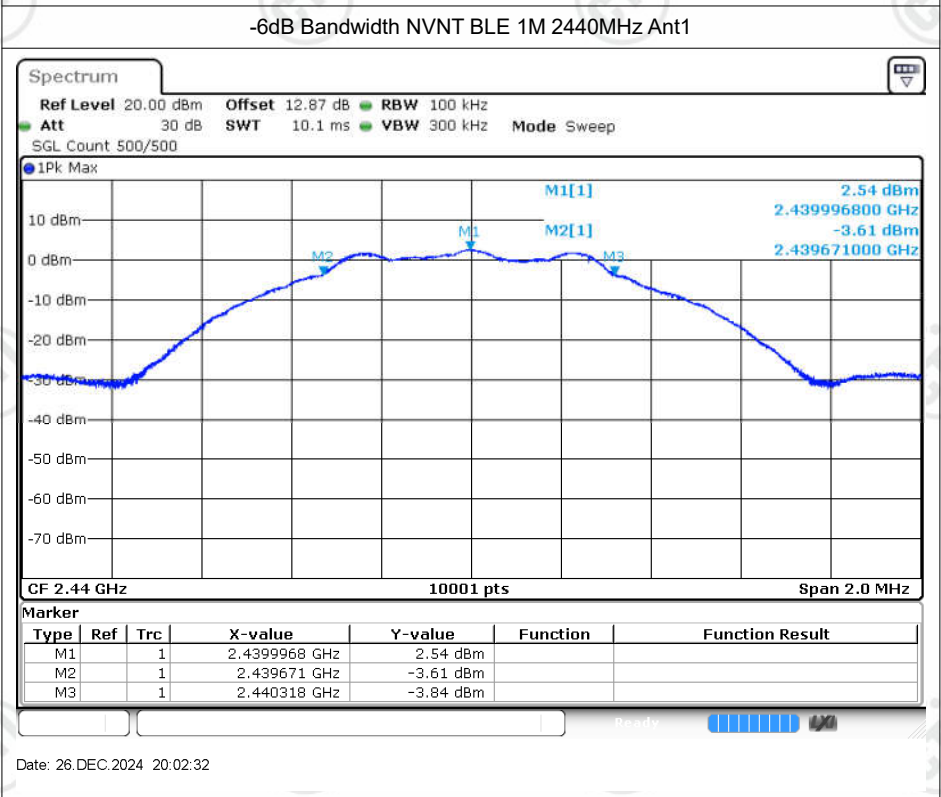


-6dB Bandwidth

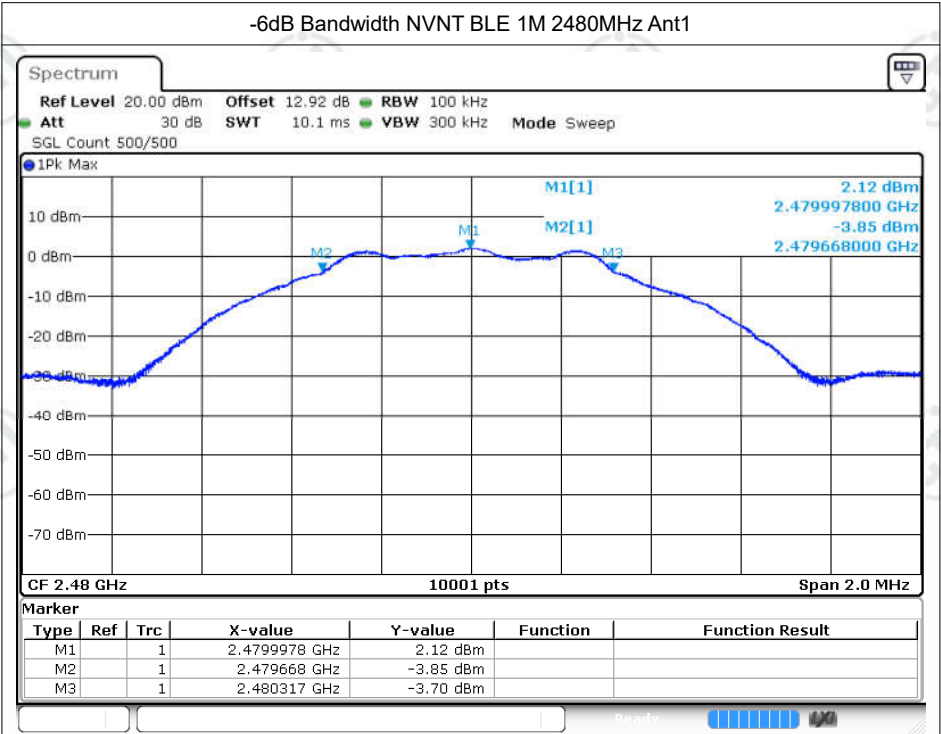
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.638	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.646	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.649	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.124	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.139	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.155	0.5	Pass



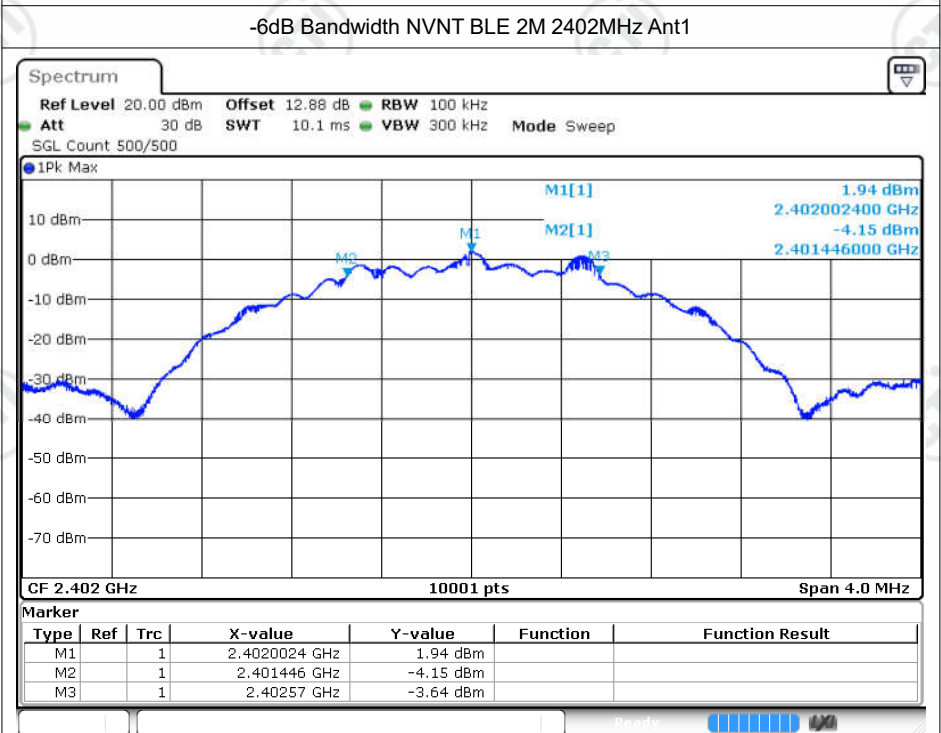
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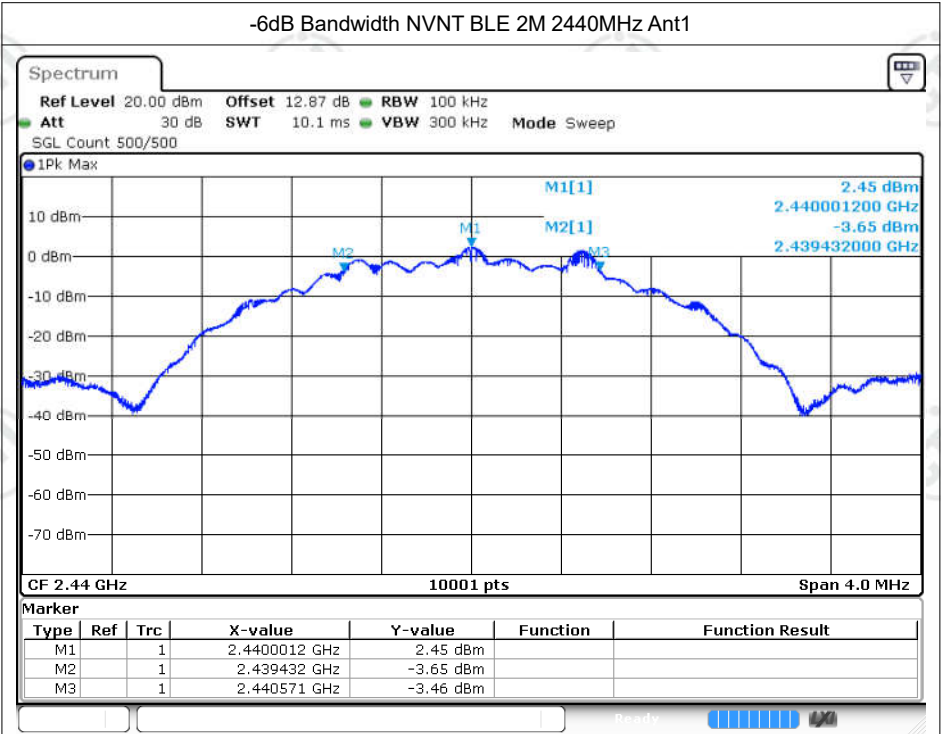
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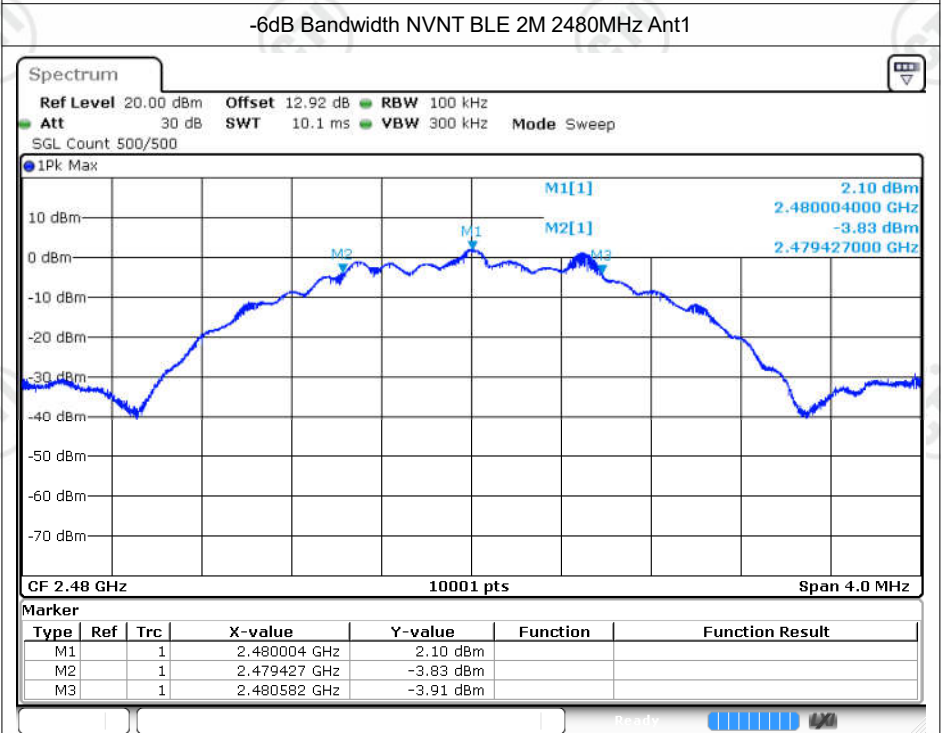
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Date: 26.DEC.2024 20:08:10



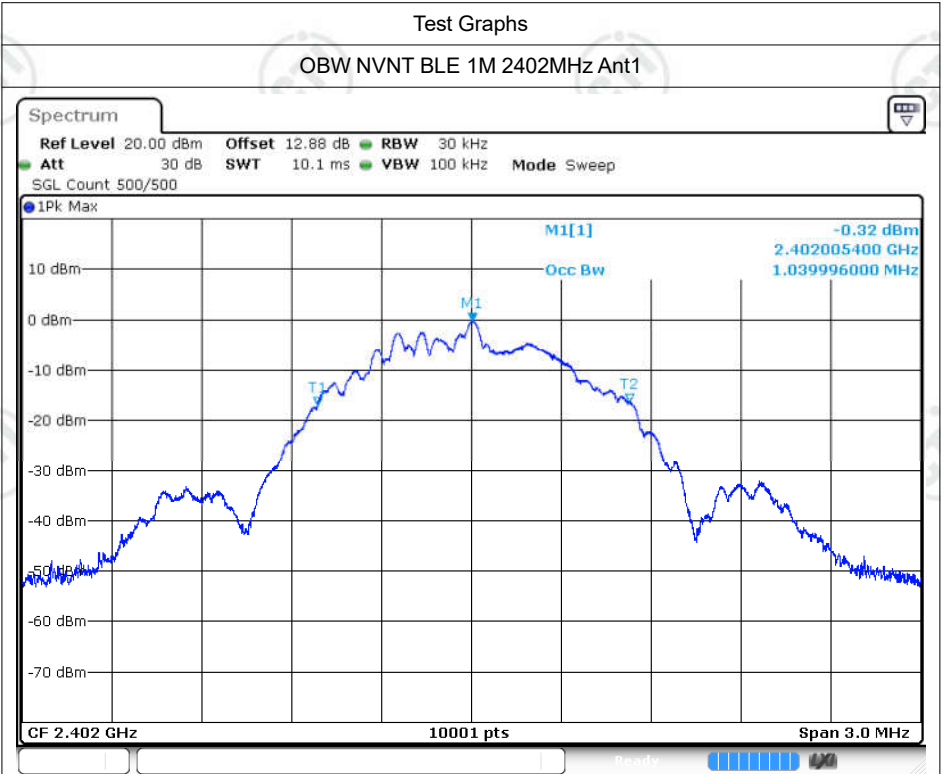
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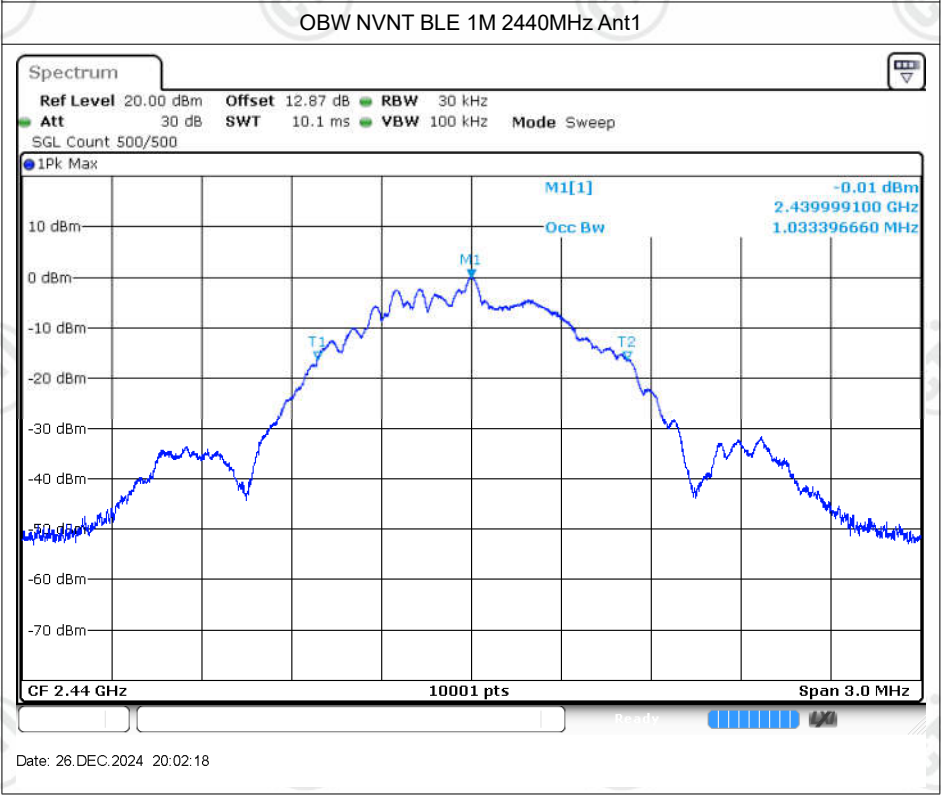
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Occupied Channel Bandwidth

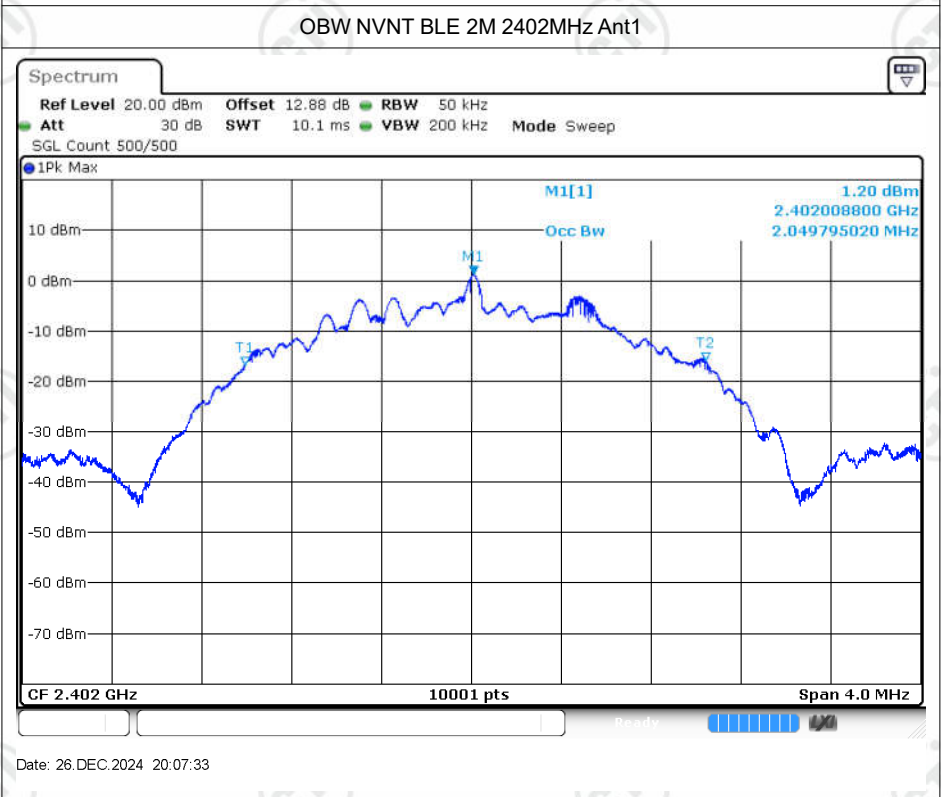
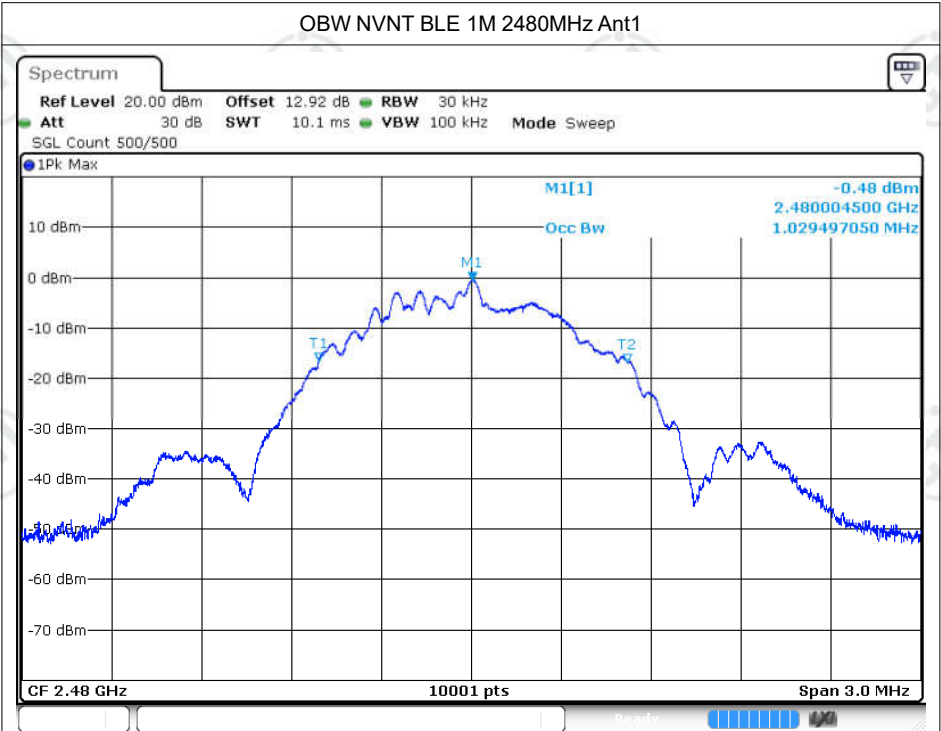
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.04
NVNT	BLE 1M	2440	Ant1	1.033
NVNT	BLE 1M	2480	Ant1	1.029
NVNT	BLE 2M	2402	Ant1	2.05
NVNT	BLE 2M	2440	Ant1	2.045
NVNT	BLE 2M	2480	Ant1	2.041

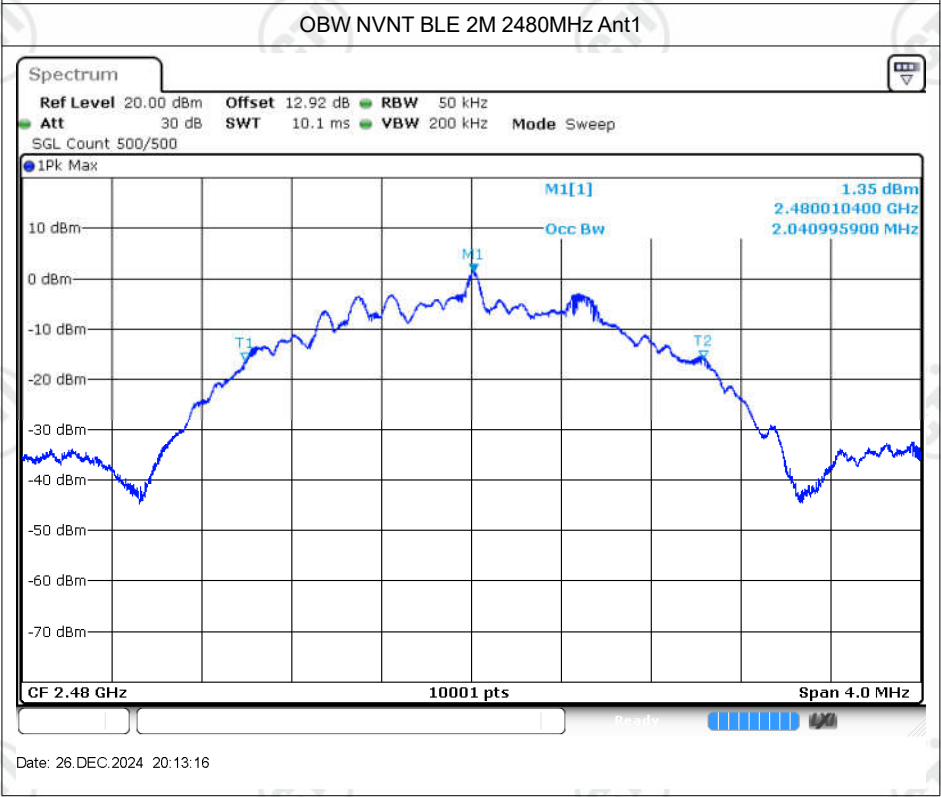
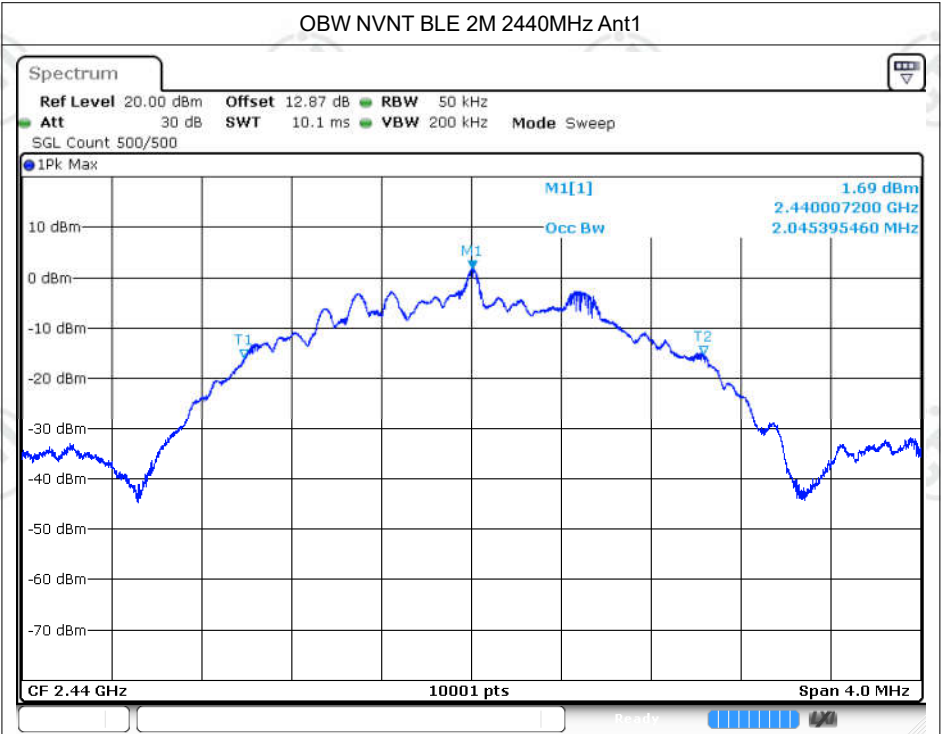


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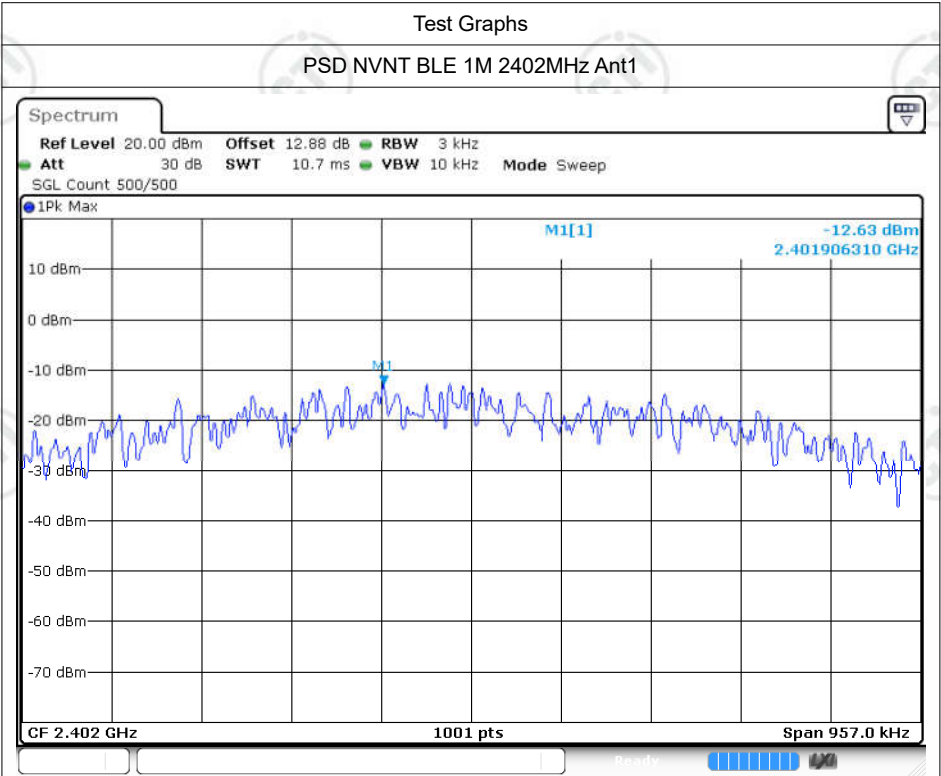
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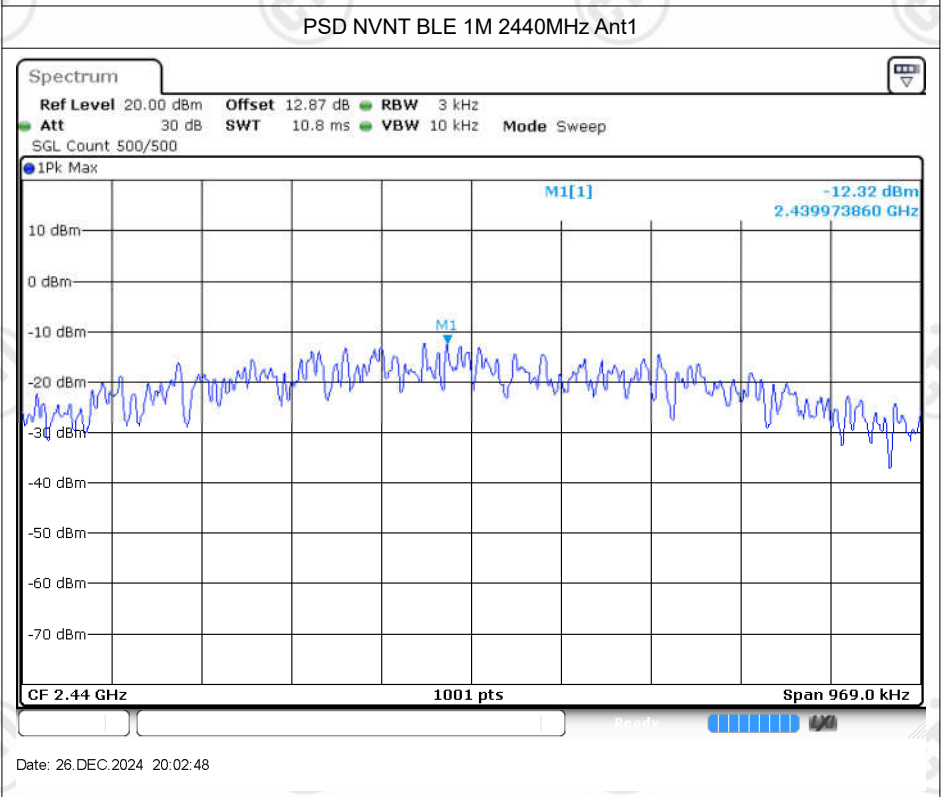


Maximum Power Spectral Density Level

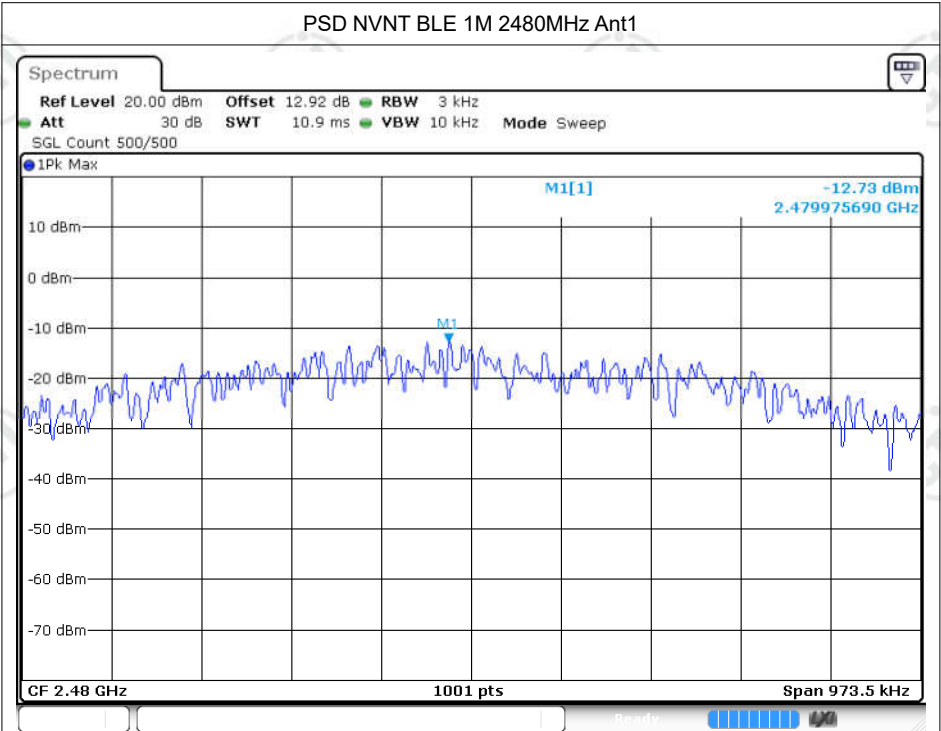
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.63	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.32	8	Pass
NVNT	BLE 1M	2480	Ant1	-12.73	8	Pass
NVNT	BLE 2M	2402	Ant1	-15.54	8	Pass
NVNT	BLE 2M	2440	Ant1	-15.17	8	Pass
NVNT	BLE 2M	2480	Ant1	-15.02	8	Pass



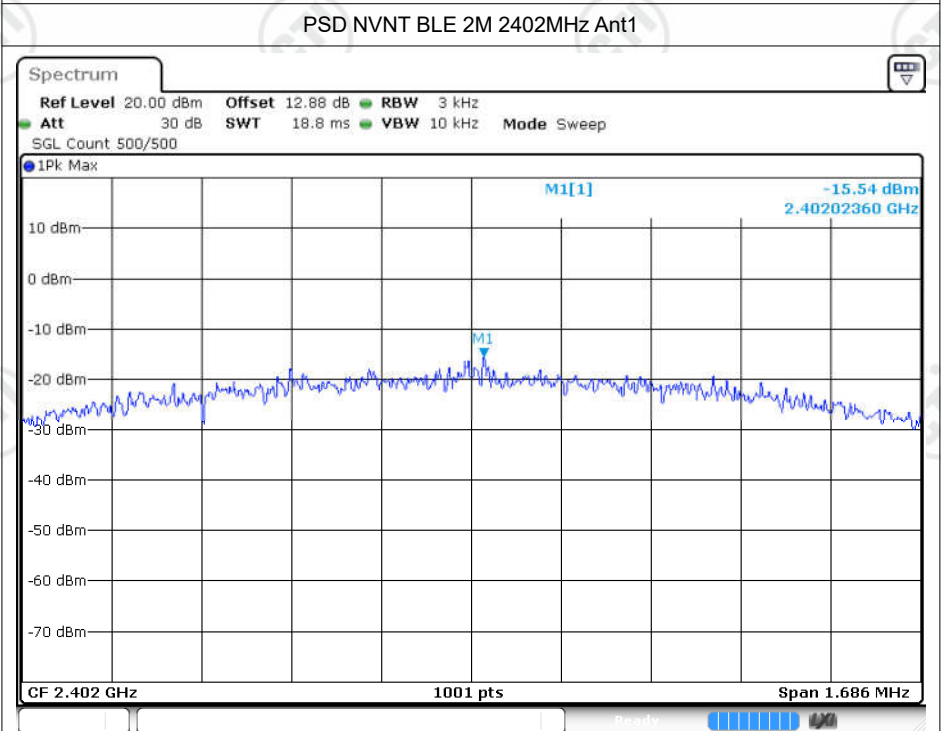
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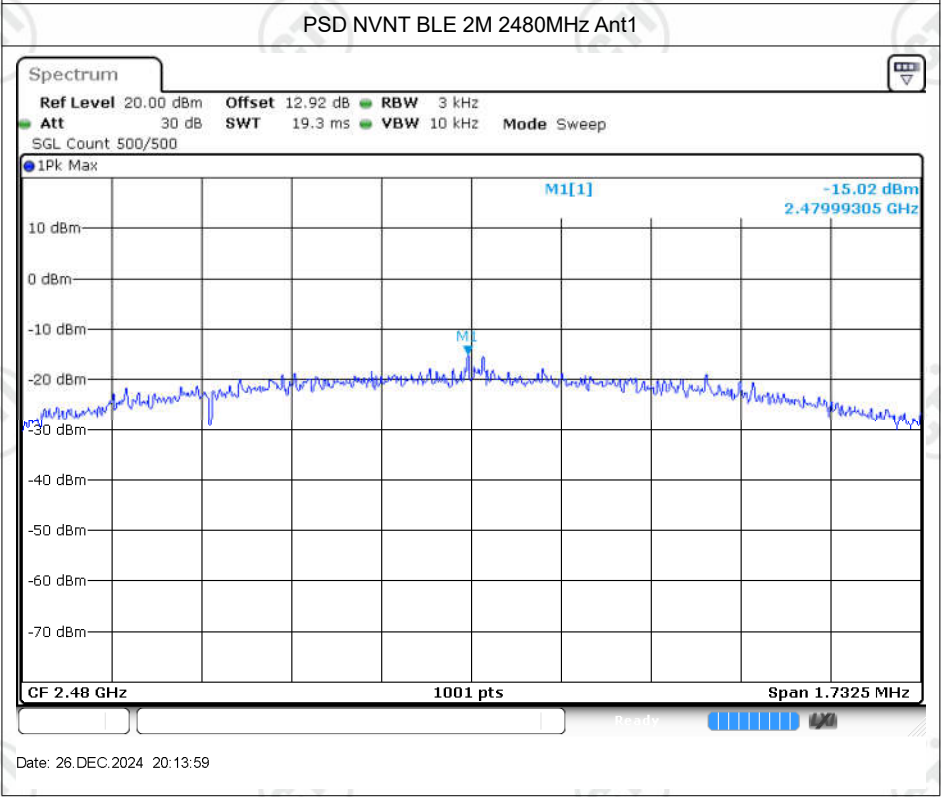
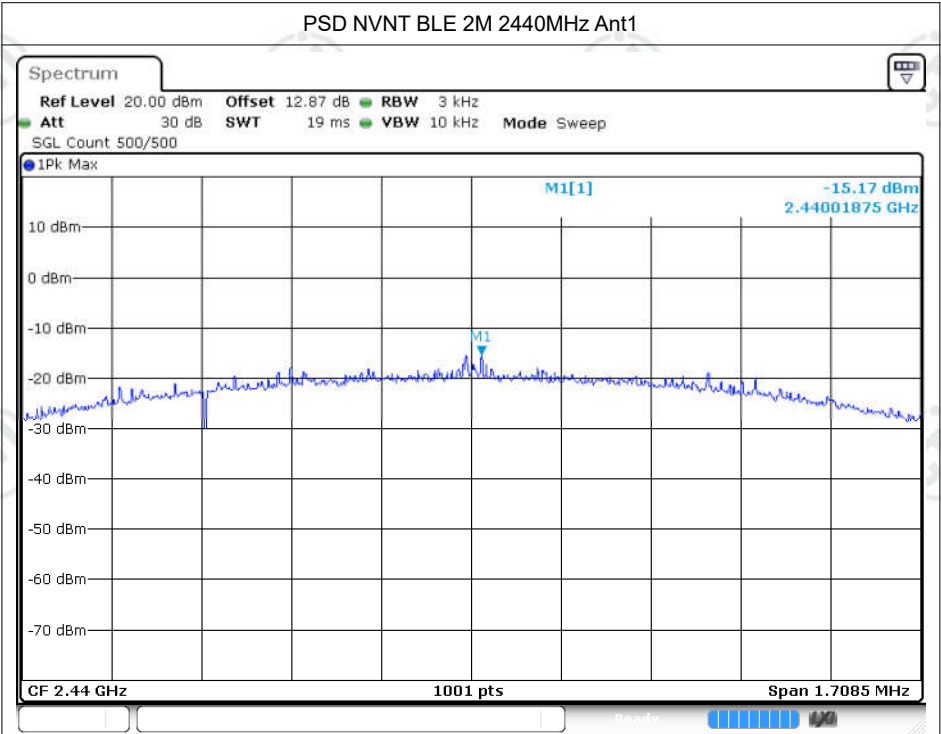
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Date: 26.DEC.2024 20:05:41

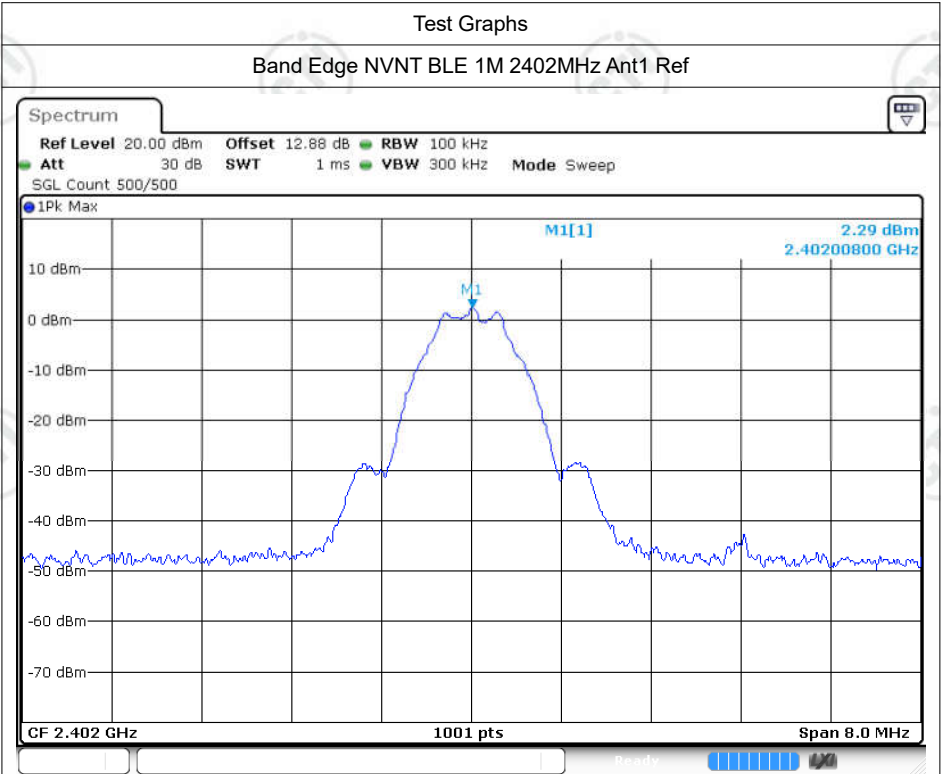


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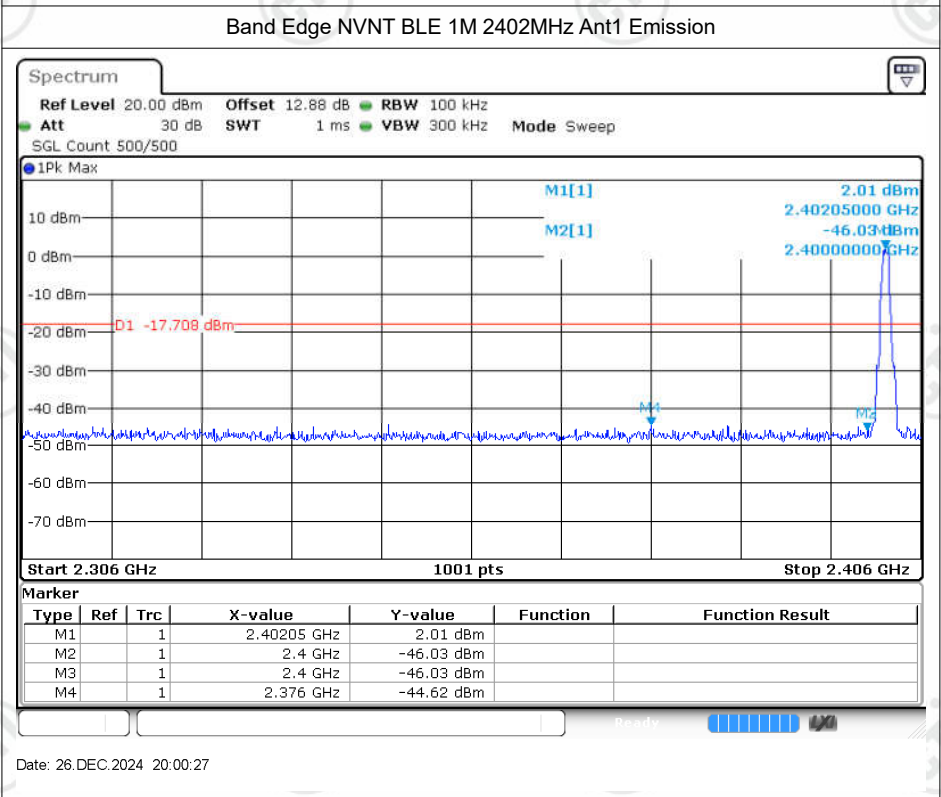


Band Edge

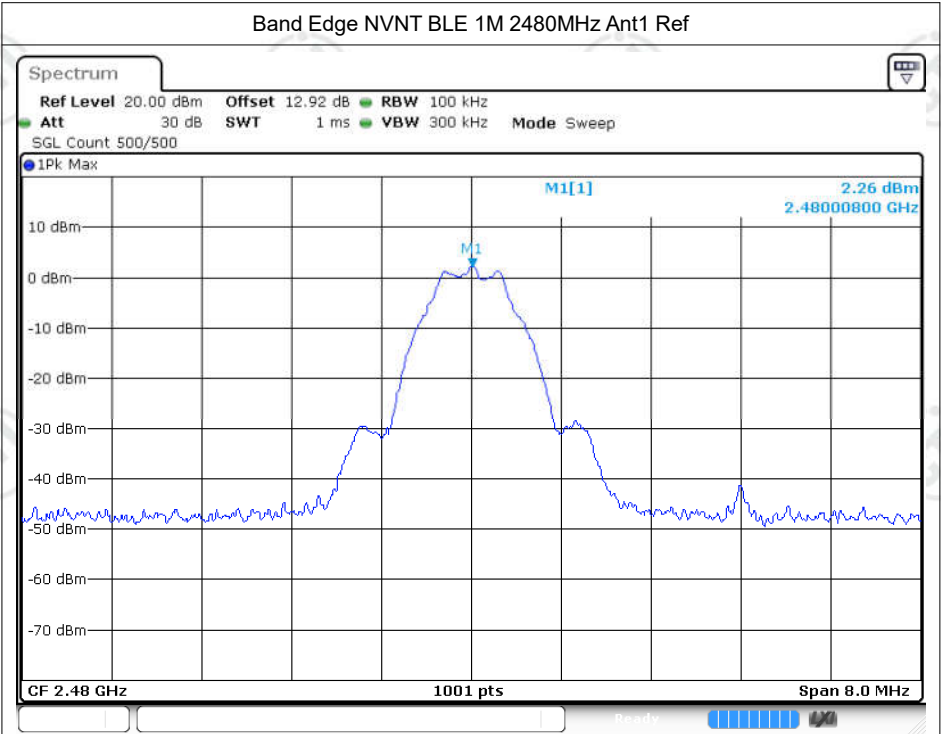
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.9	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.88	-20	Pass
NVNT	BLE 2M	2402	Ant1	-35.25	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.05	-20	Pass



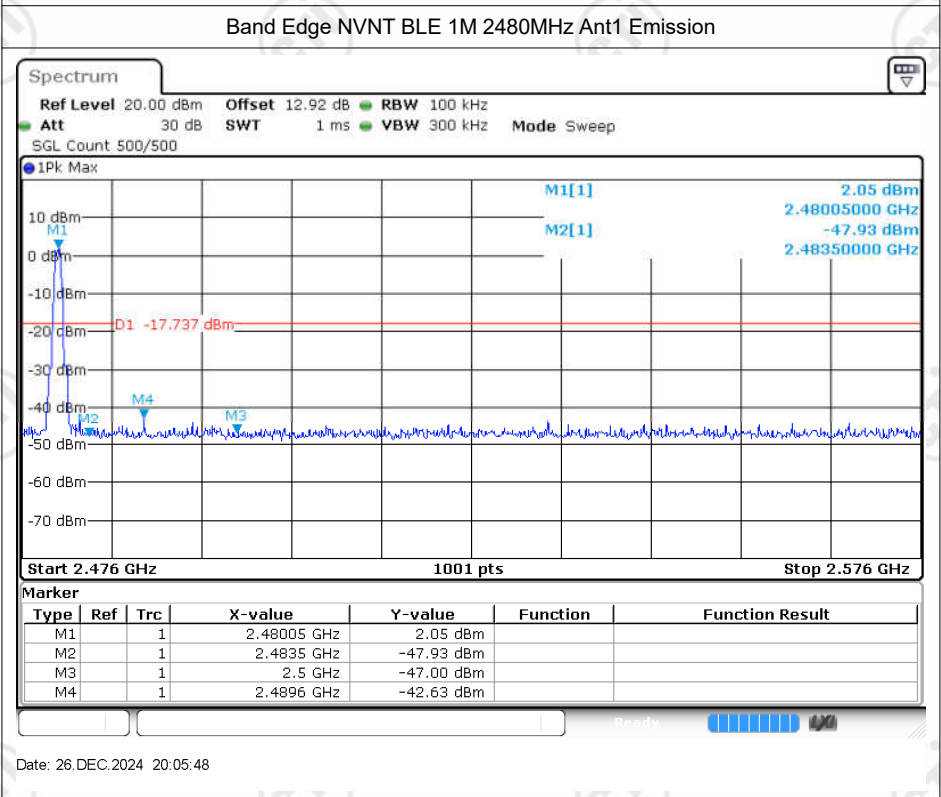
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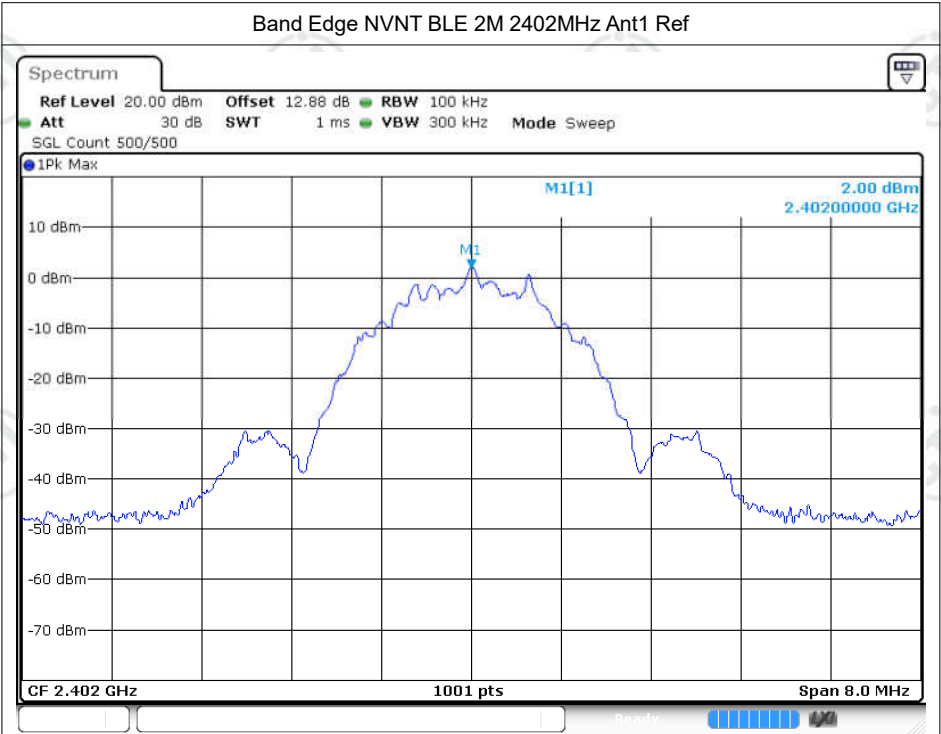
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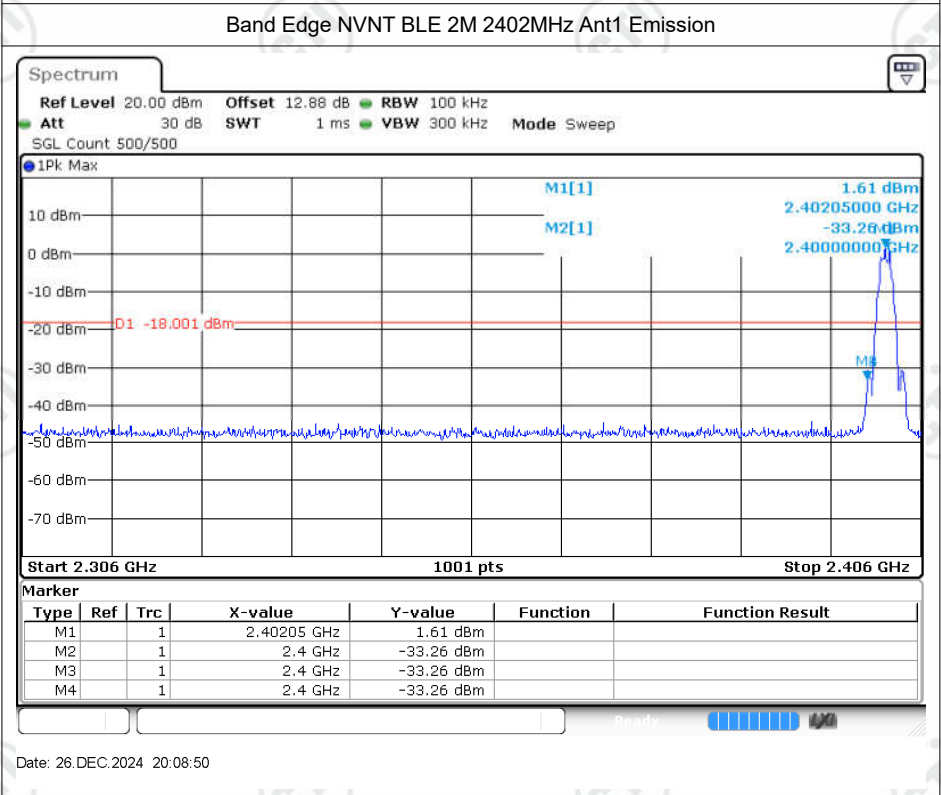
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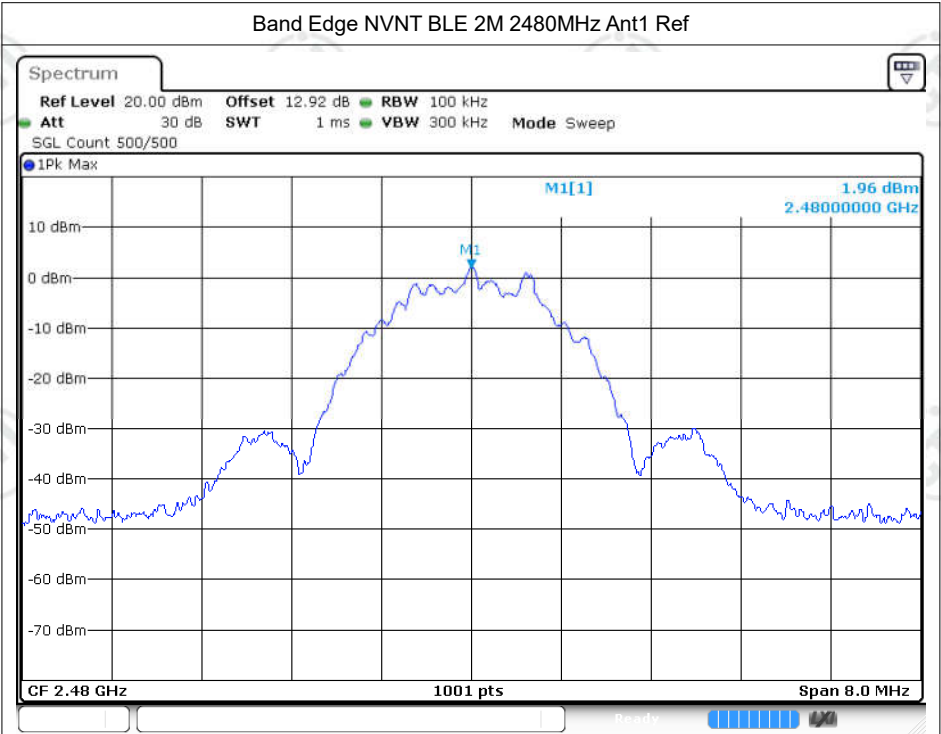
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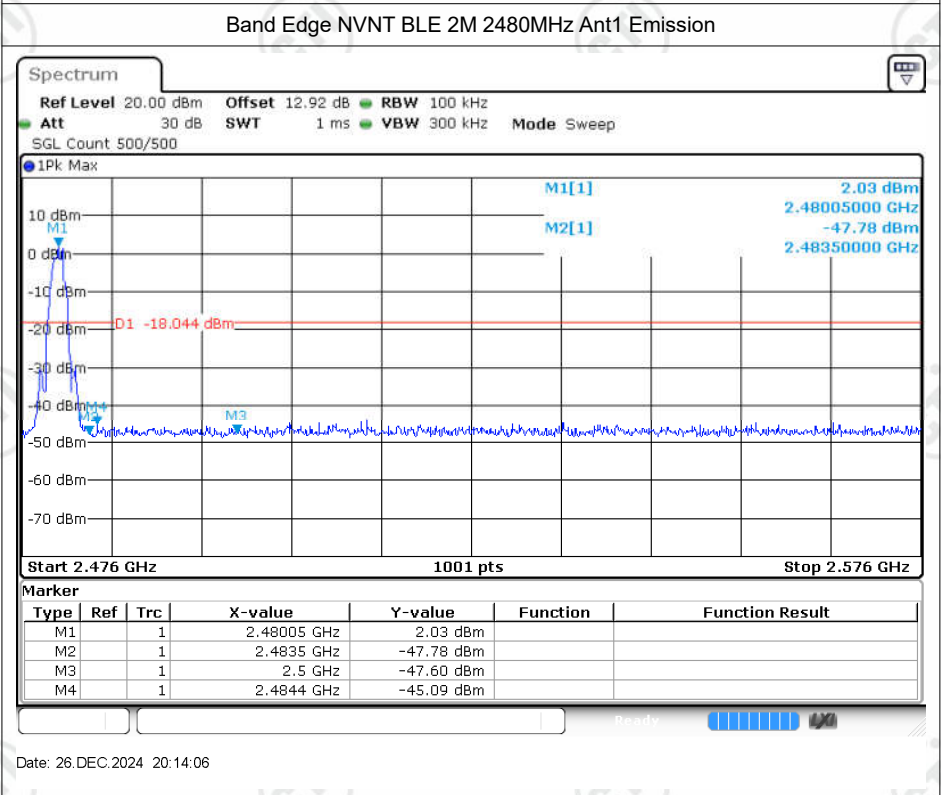
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Date: 26.DEC.2024 20:08:50



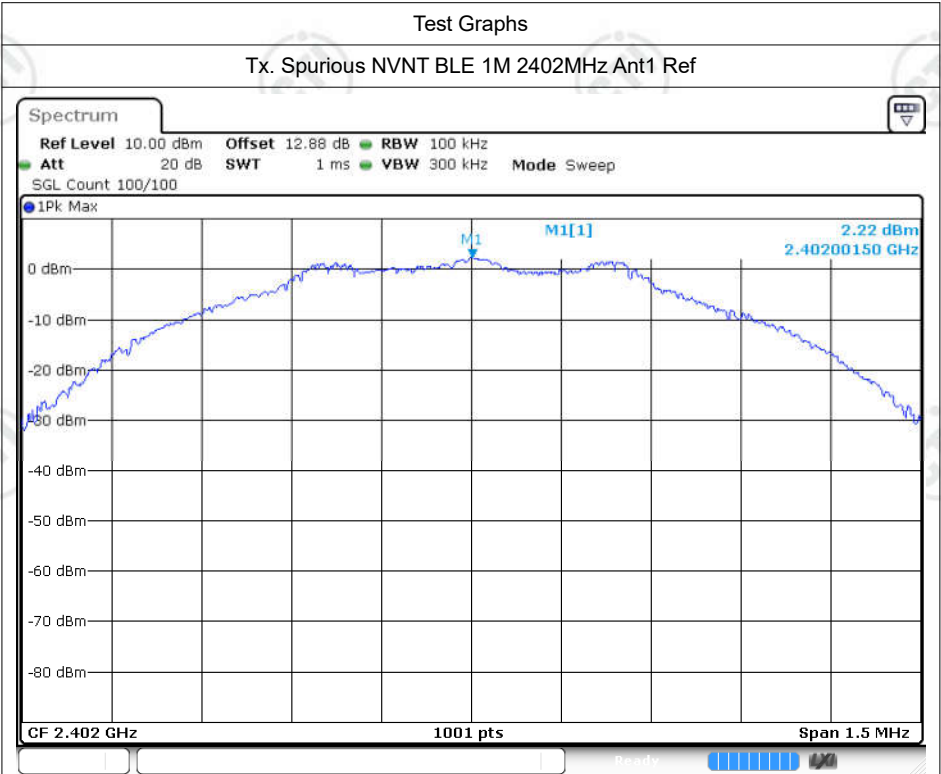
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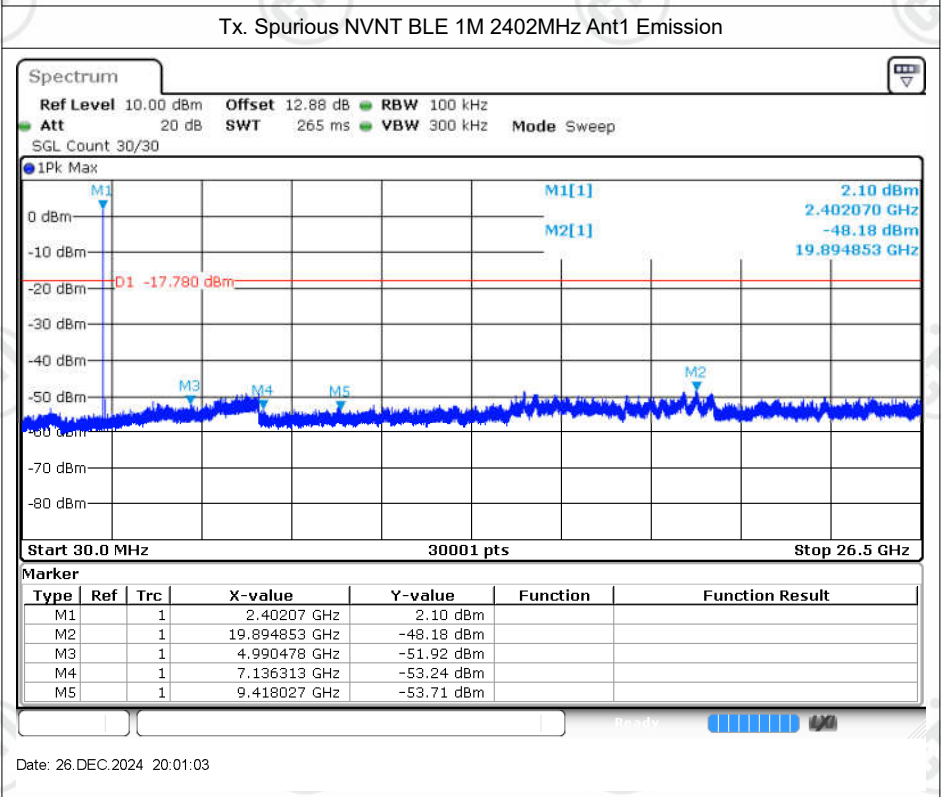
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Conducted RF Spurious Emission

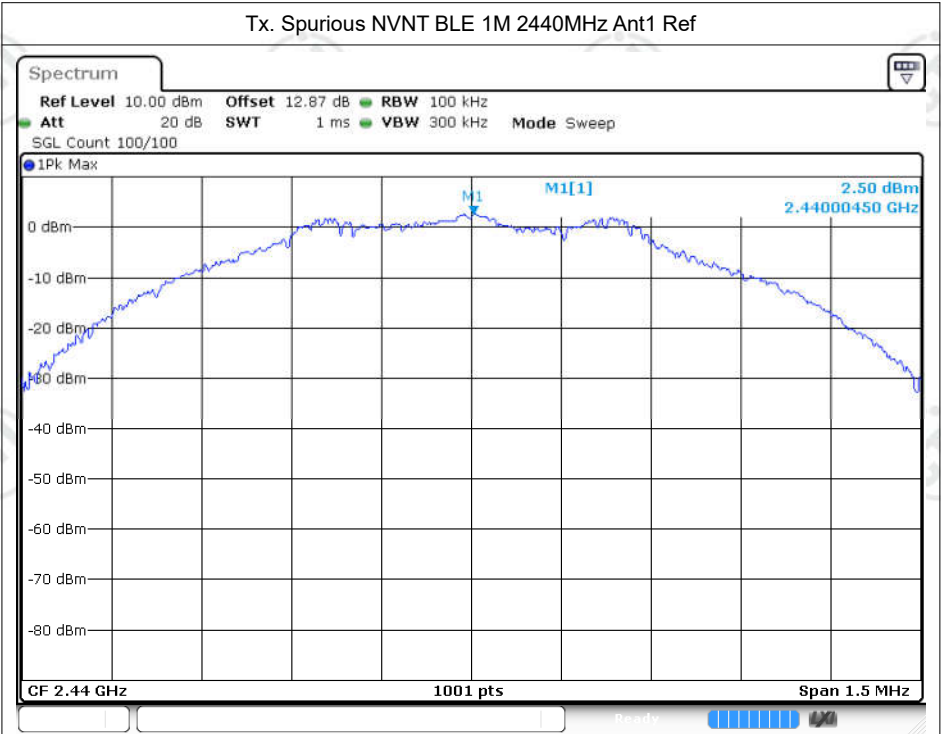
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-50.39	-20	Pass
NVNT	BLE 1M	2440	Ant1	-50.17	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.36	-20	Pass
NVNT	BLE 2M	2402	Ant1	-49.44	-20	Pass
NVNT	BLE 2M	2440	Ant1	-50.7	-20	Pass
NVNT	BLE 2M	2480	Ant1	-49	-20	Pass



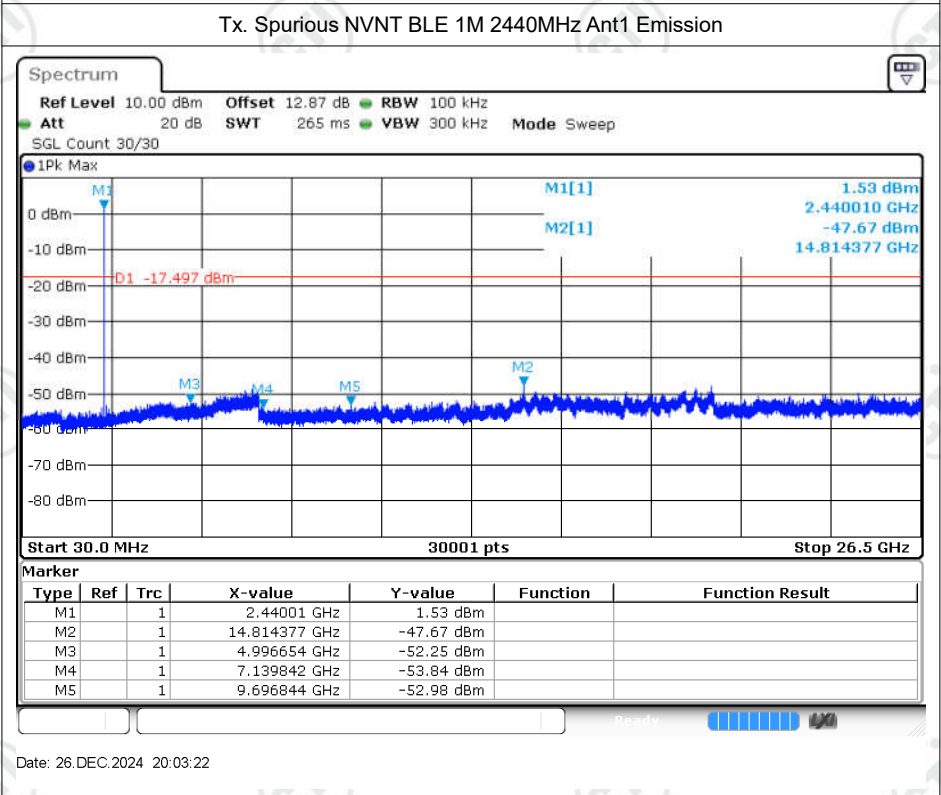
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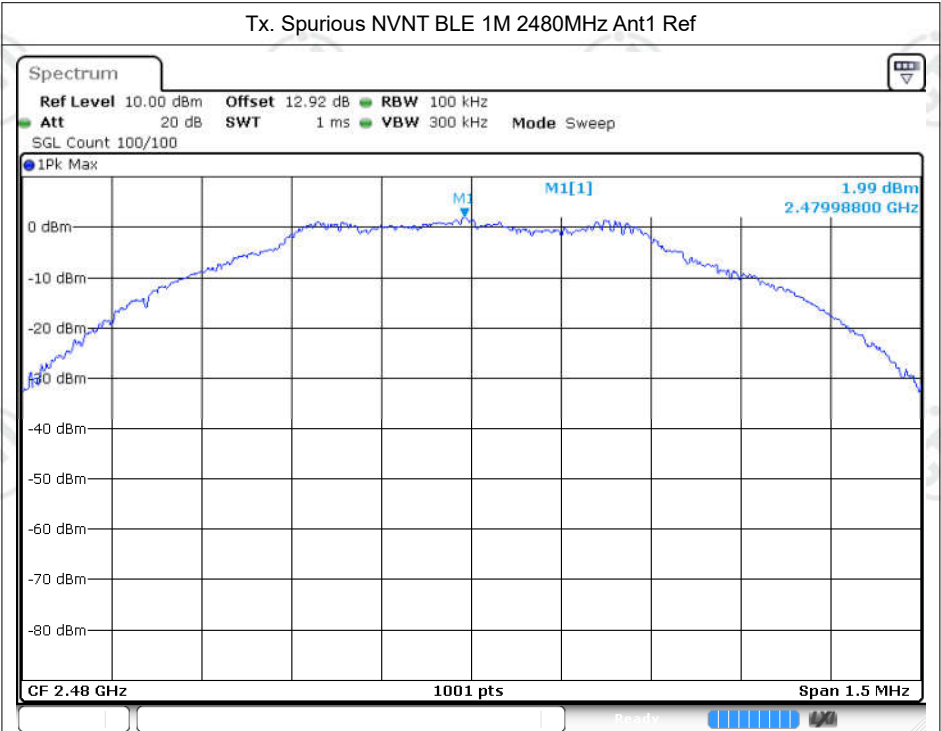
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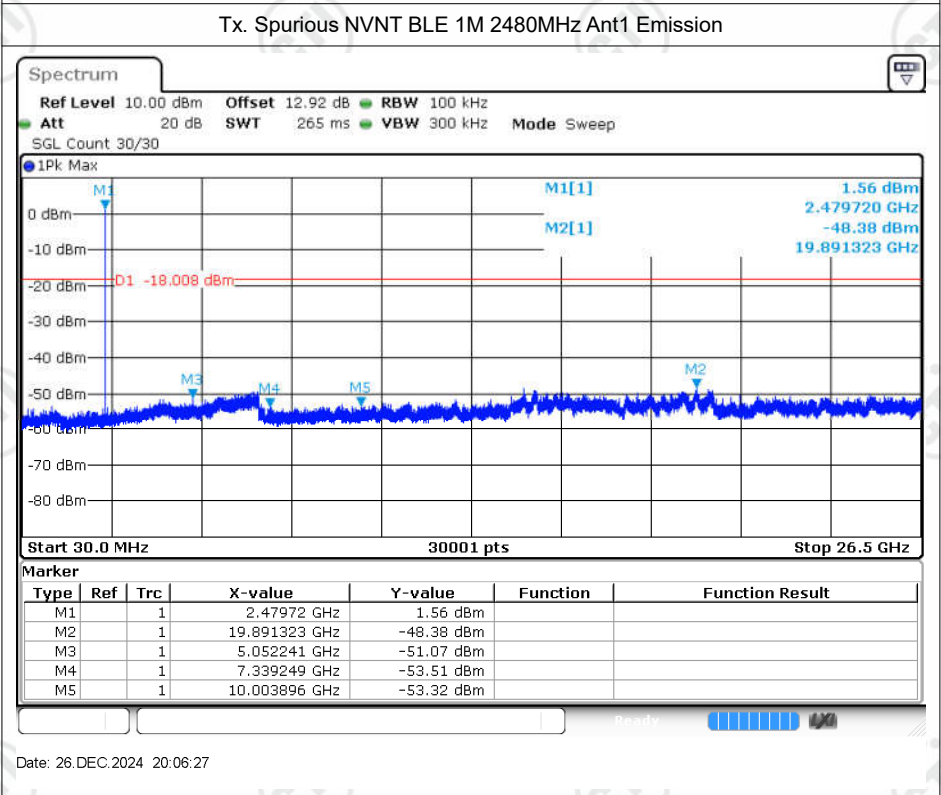
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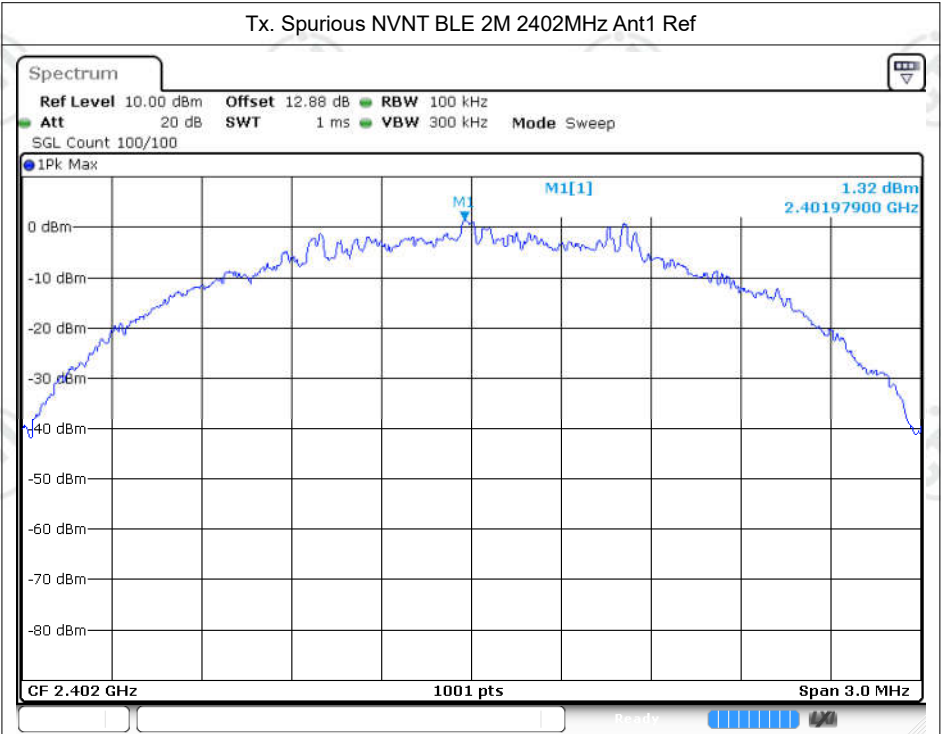


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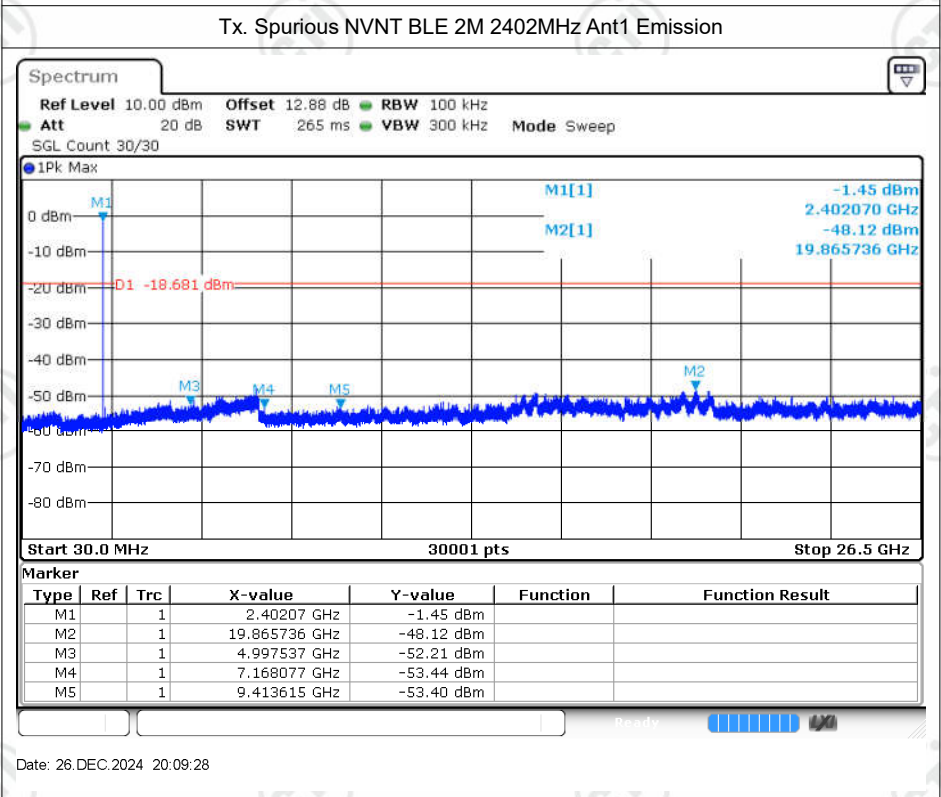


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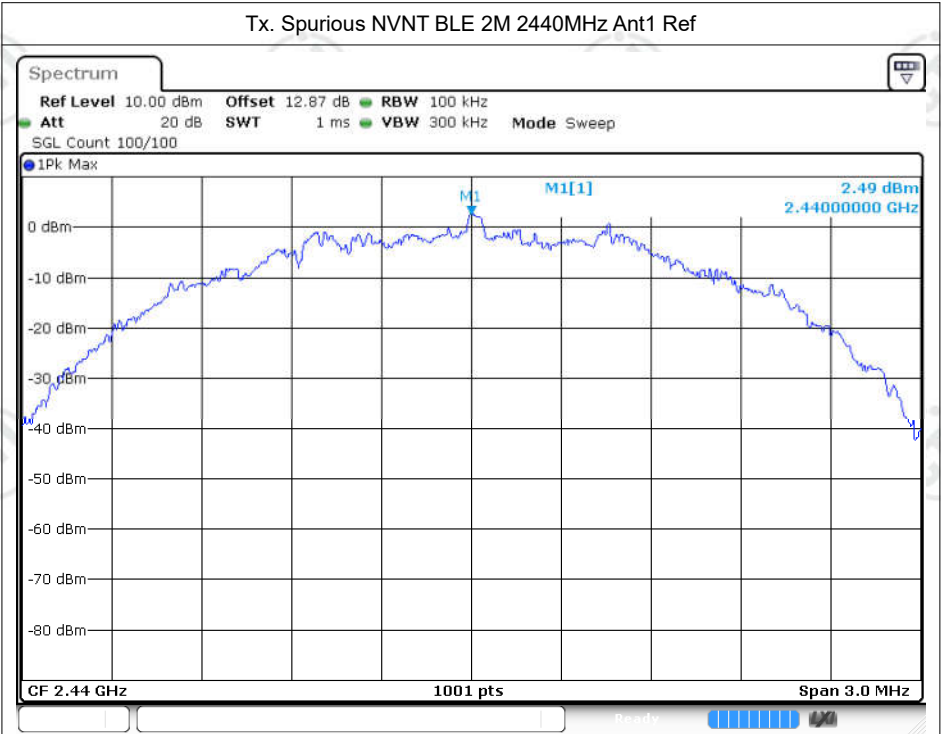




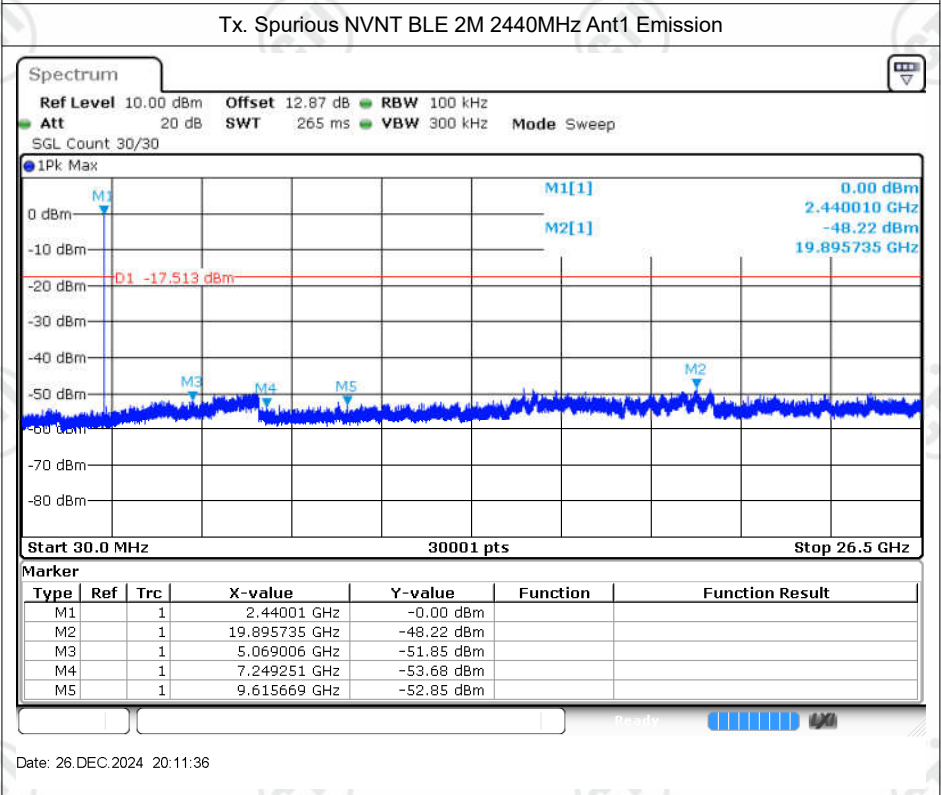
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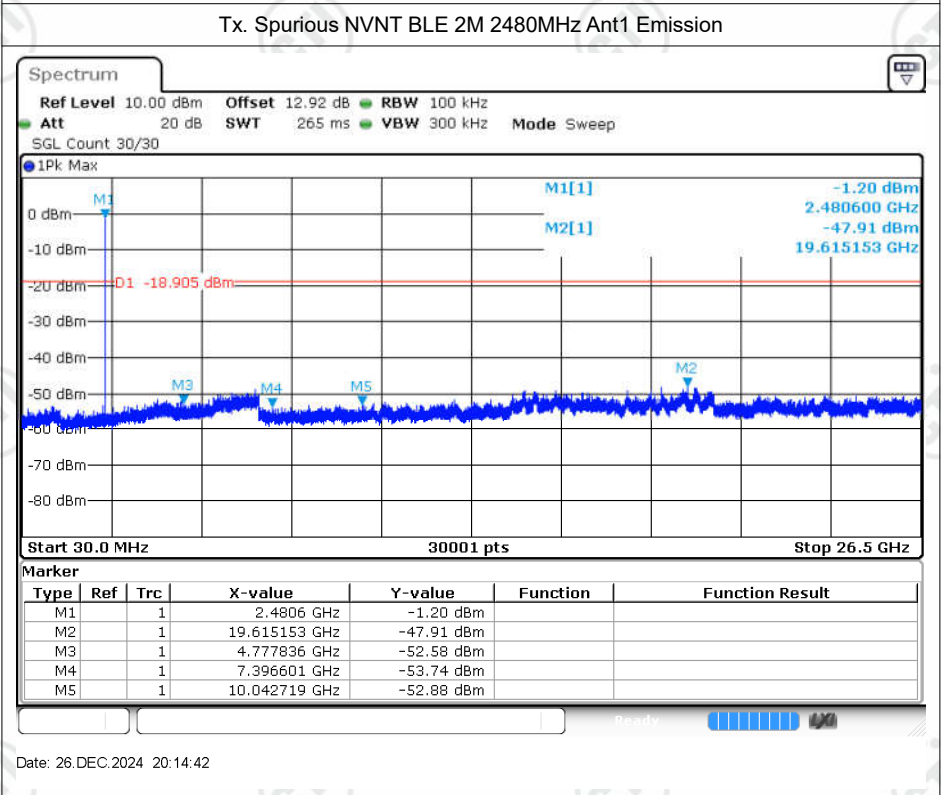
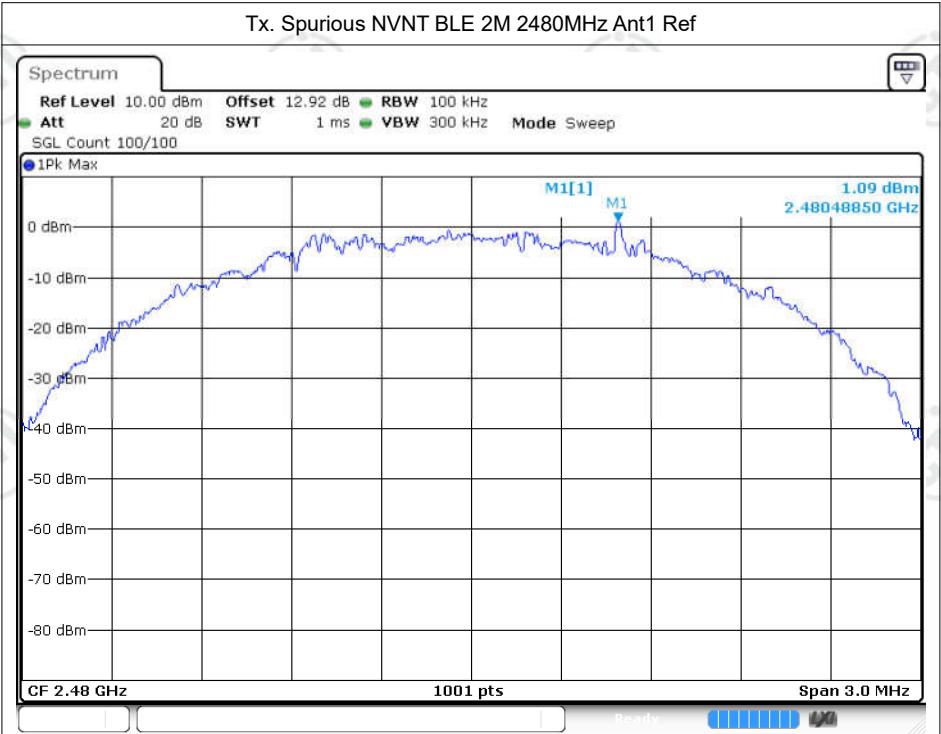


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Date: 26.DEC.2024 20:11:07





END OF REPORT