

Appendix: Bluetooth LE

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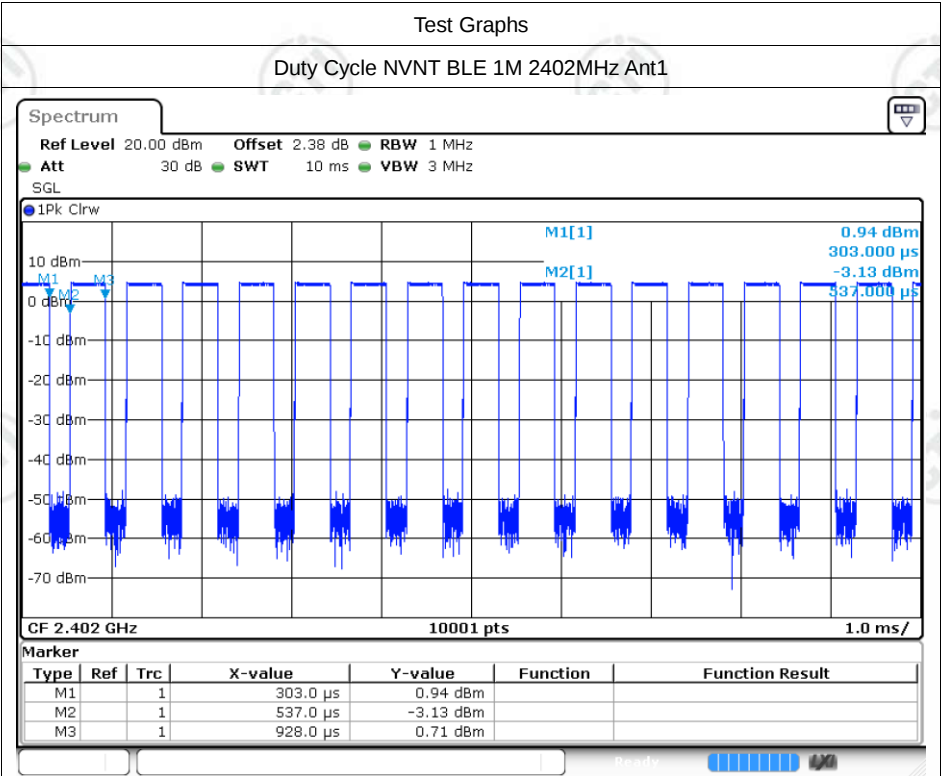
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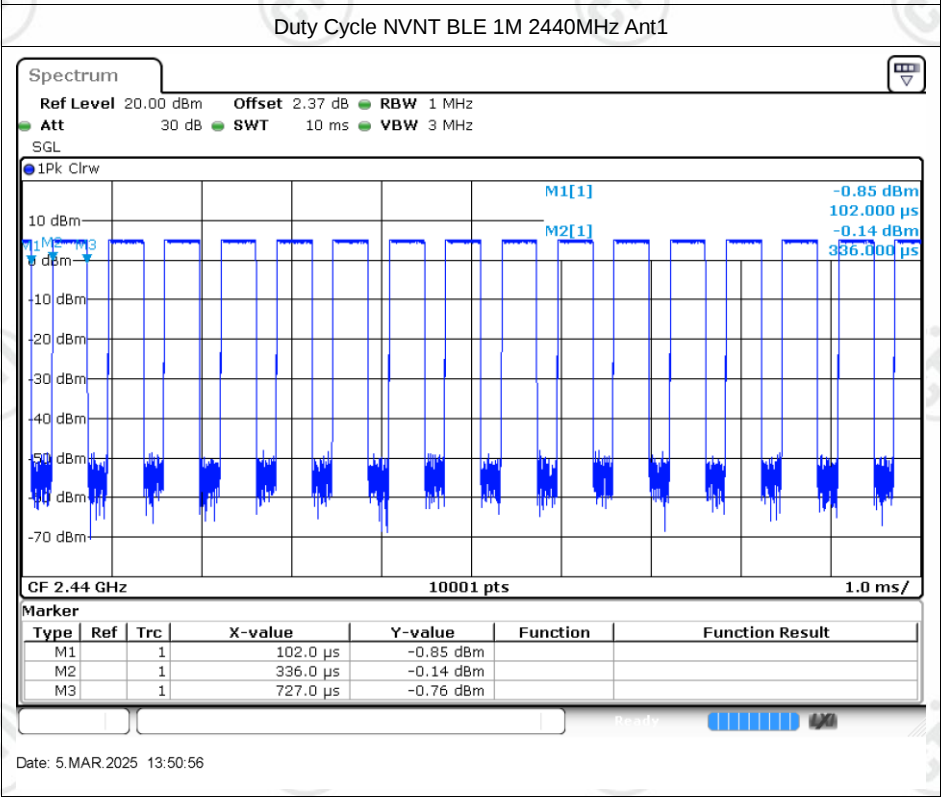
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Duty Cycle

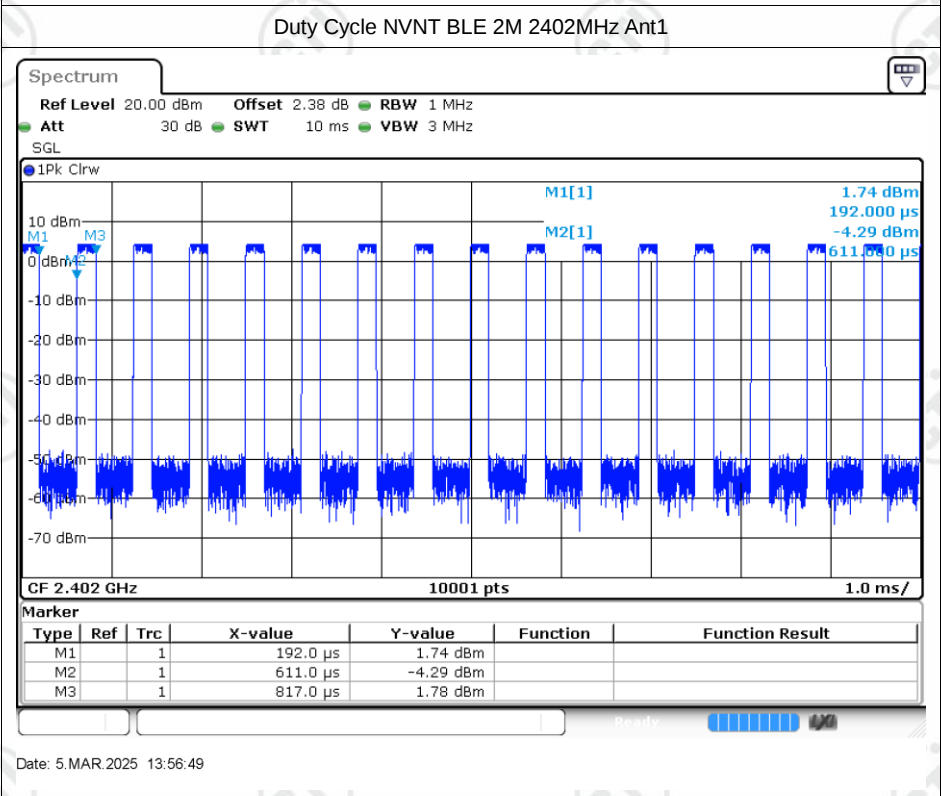
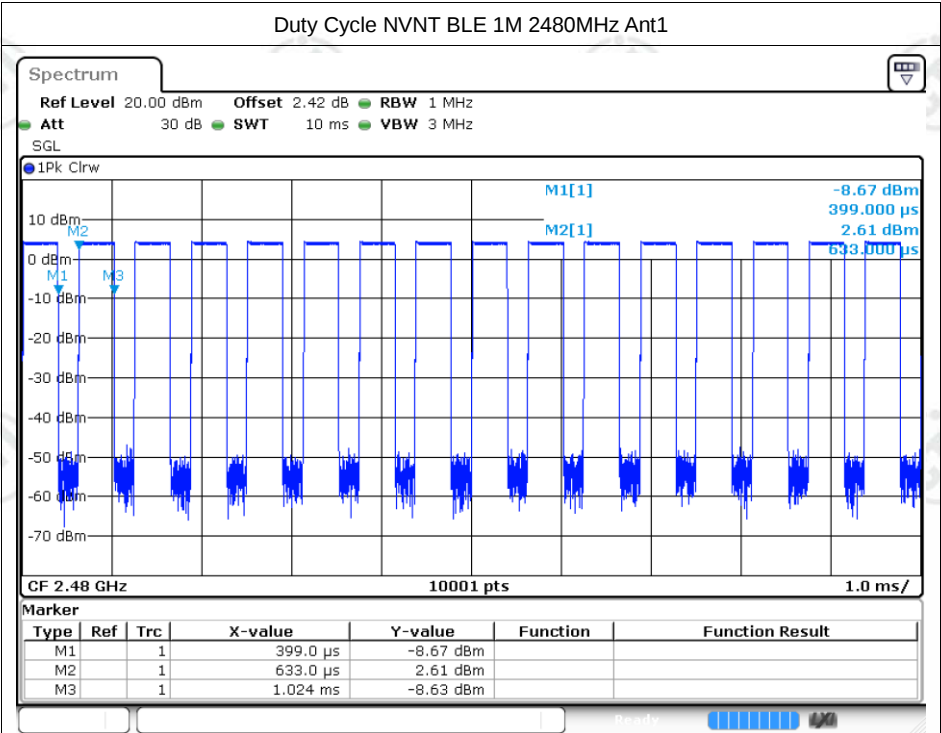
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.56	2.04	2.56
NVNT	BLE 1M	2440	Ant1	62.56	2.04	2.56
NVNT	BLE 1M	2480	Ant1	62.56	2.04	2.56
NVNT	BLE 2M	2402	Ant1	32.96	4.82	4.85
NVNT	BLE 2M	2440	Ant1	33.12	4.8	4.83
NVNT	BLE 2M	2480	Ant1	33.12	4.8	4.83

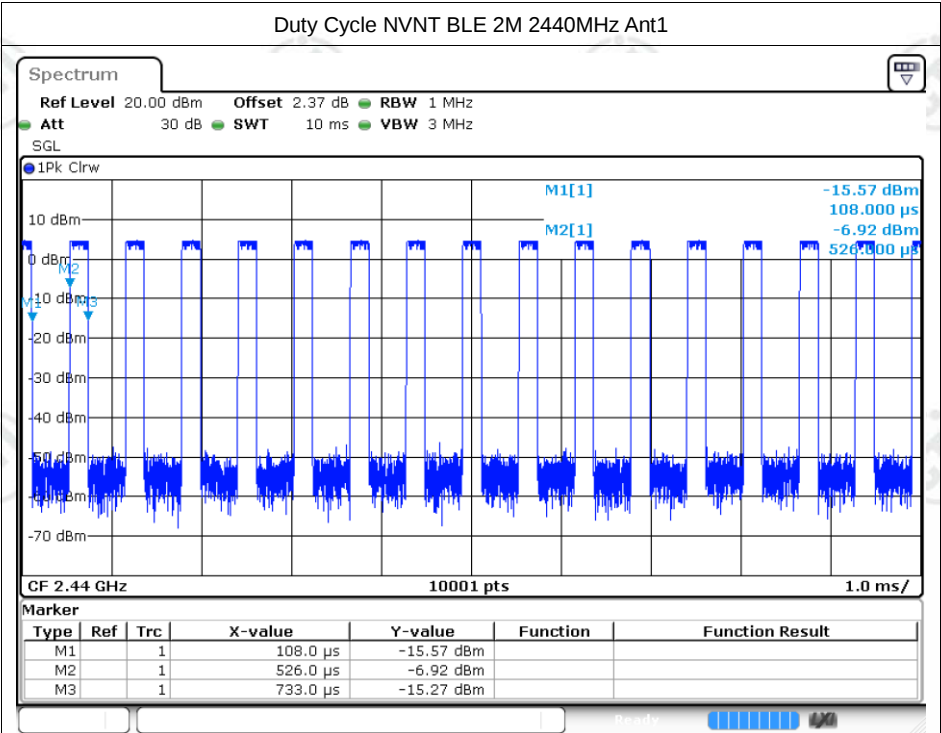


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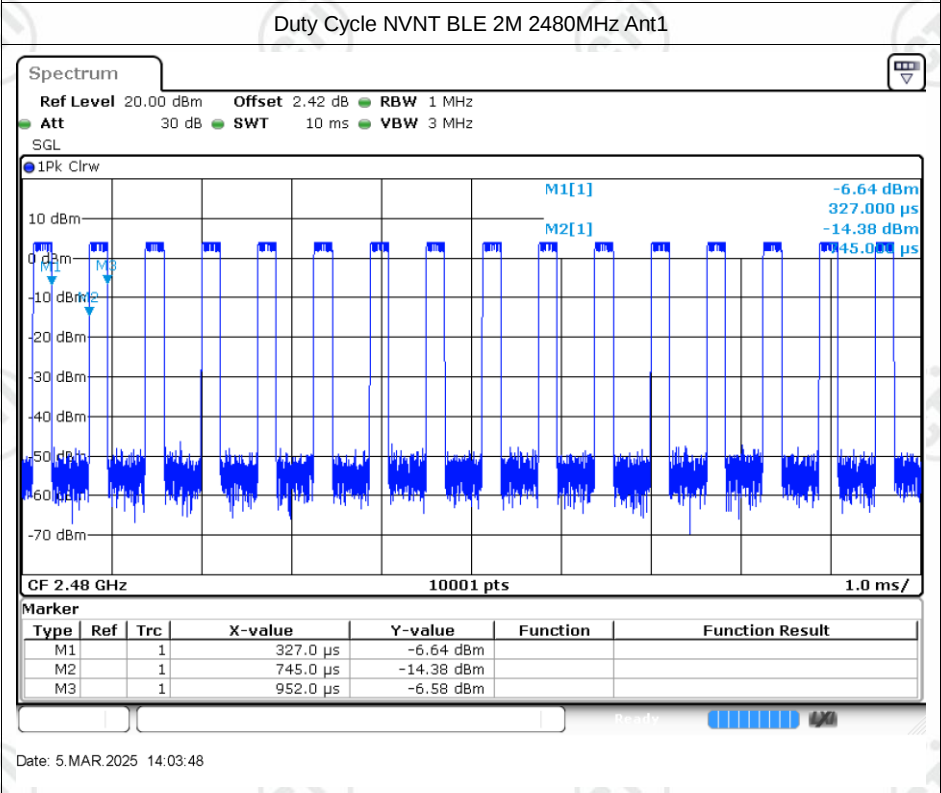


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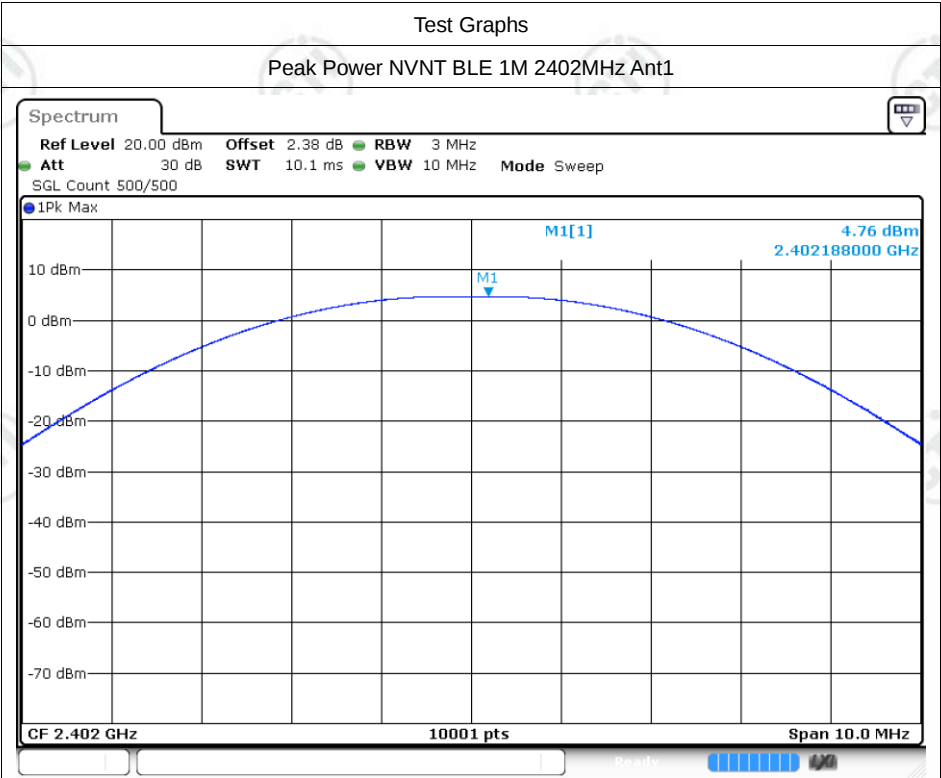
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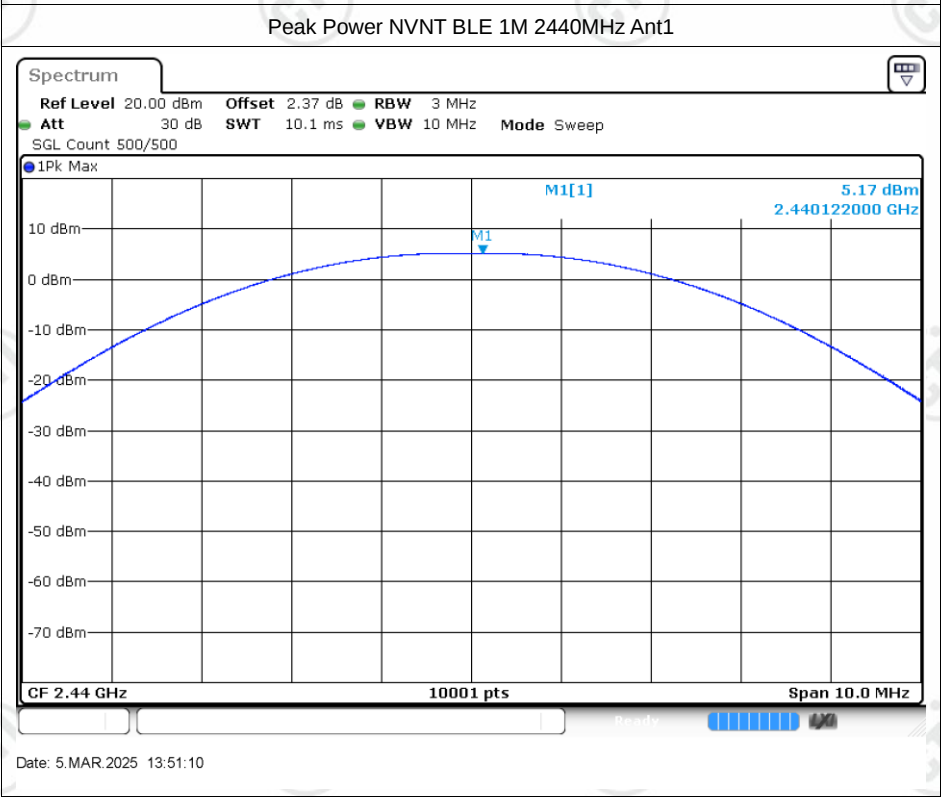
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Maximum Peak Conducted Output Power

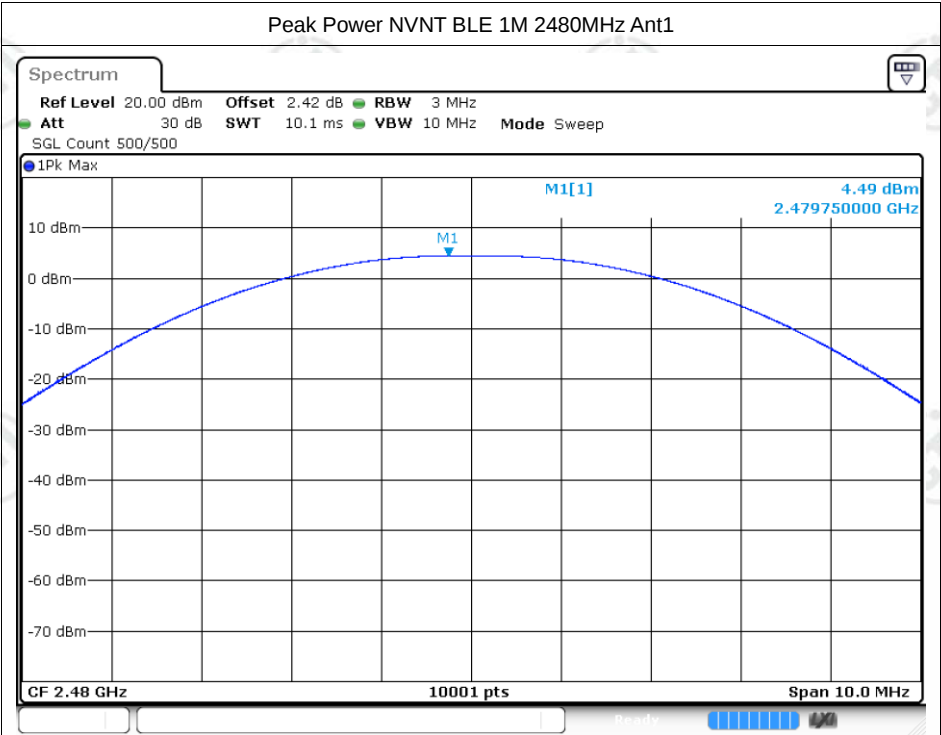
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	4.76	30	Pass
NVNT	BLE 1M	2440	Ant1	5.17	30	Pass
NVNT	BLE 1M	2480	Ant1	4.49	30	Pass
NVNT	BLE 2M	2402	Ant1	4.73	30	Pass
NVNT	BLE 2M	2440	Ant1	5.17	30	Pass
NVNT	BLE 2M	2480	Ant1	4.5	30	Pass



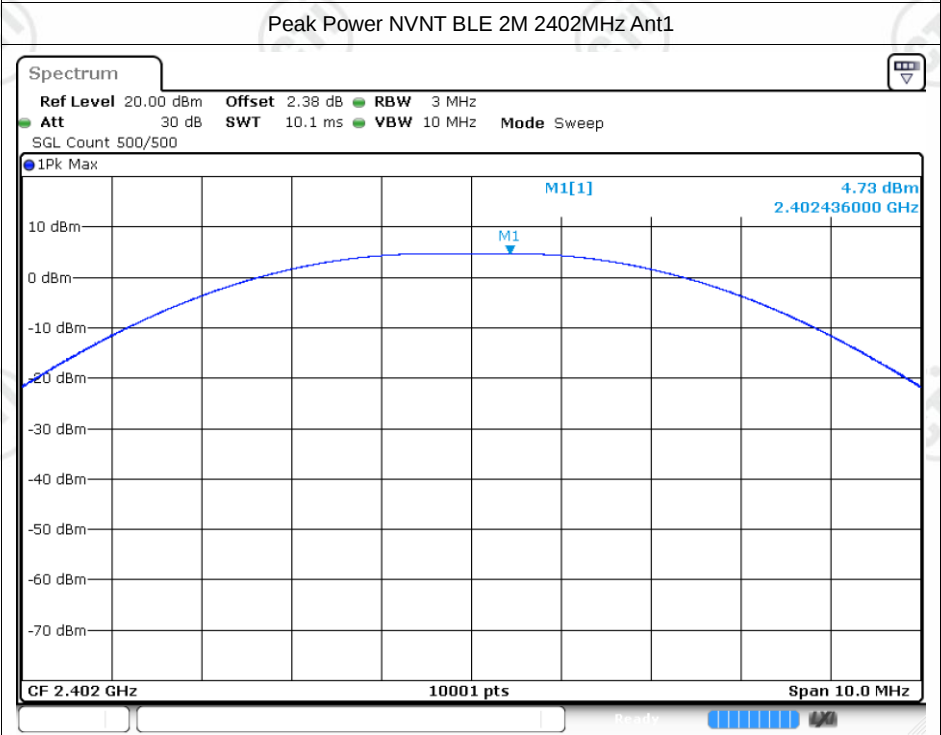
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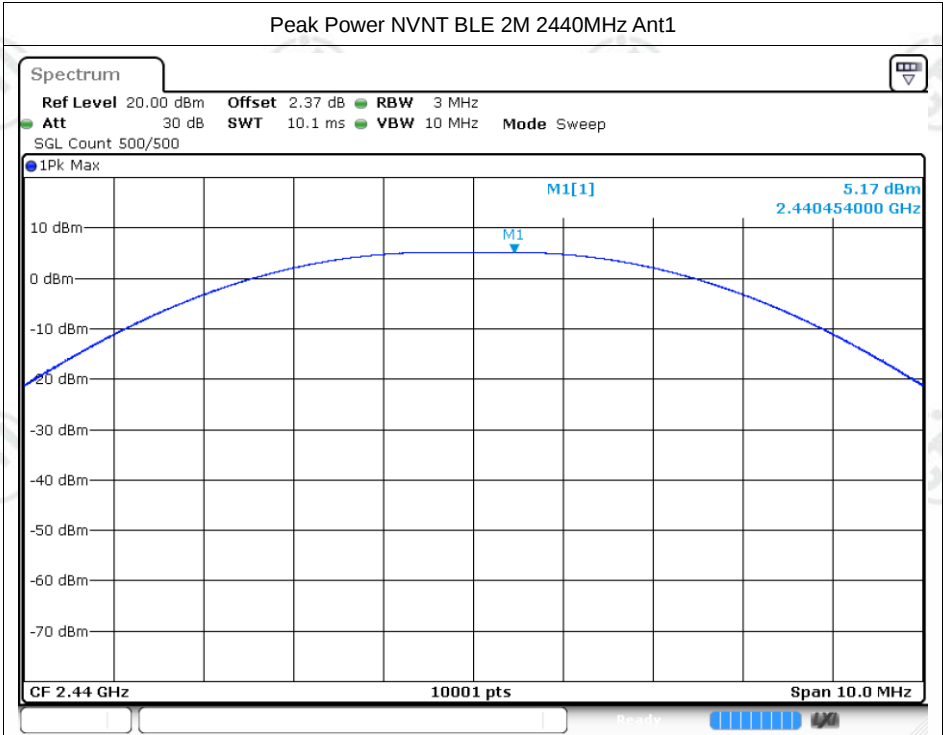
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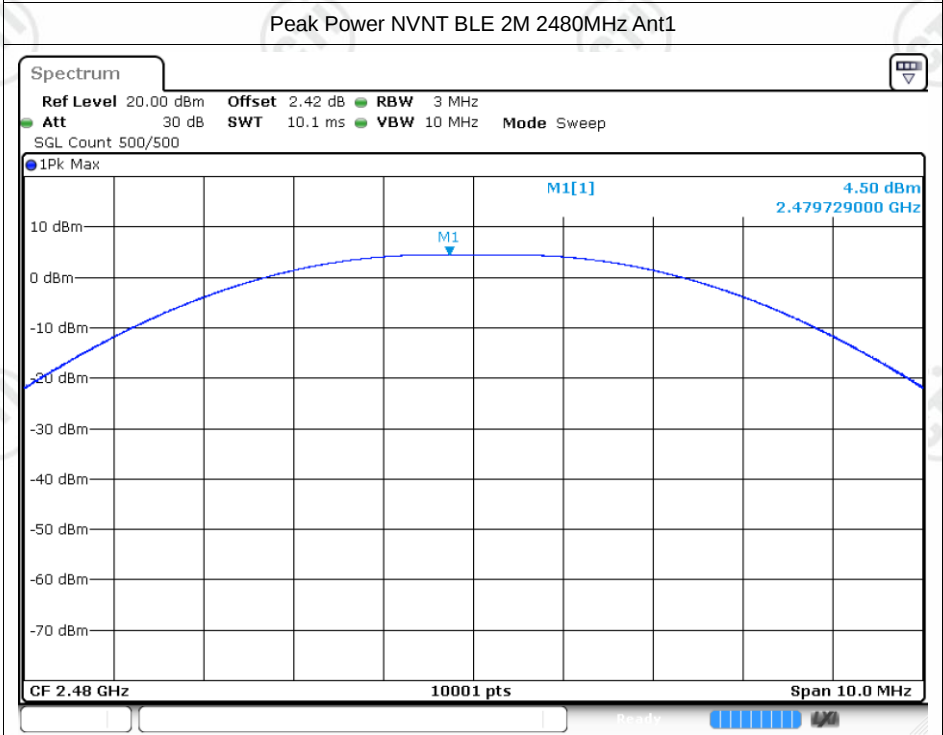
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Date: 5.MAR.2025 13:56:59



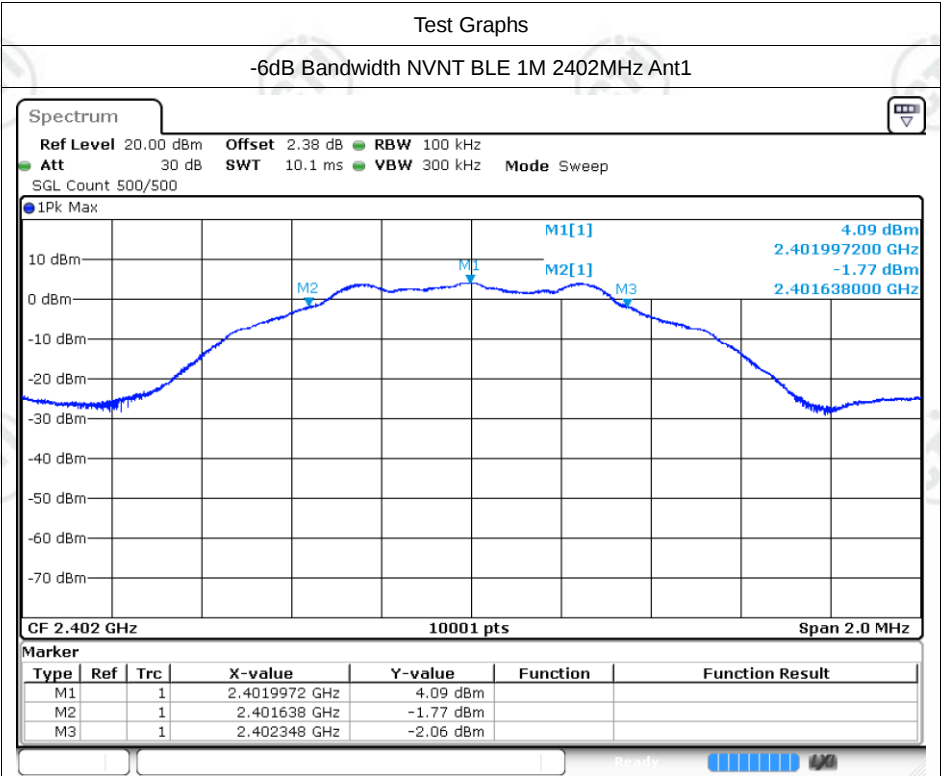
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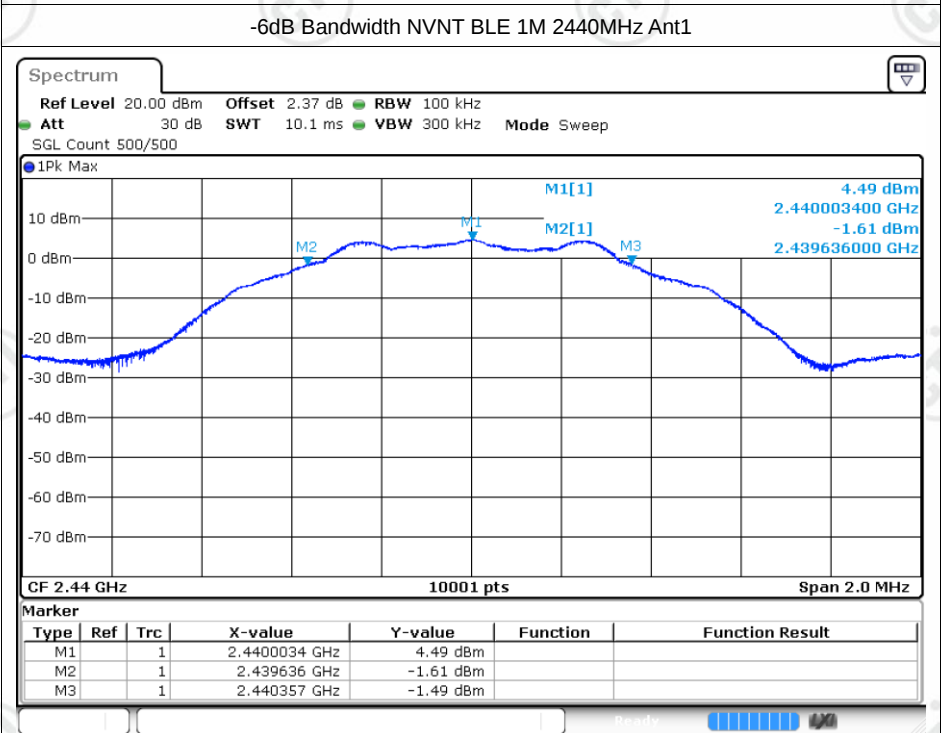
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-6dB Bandwidth

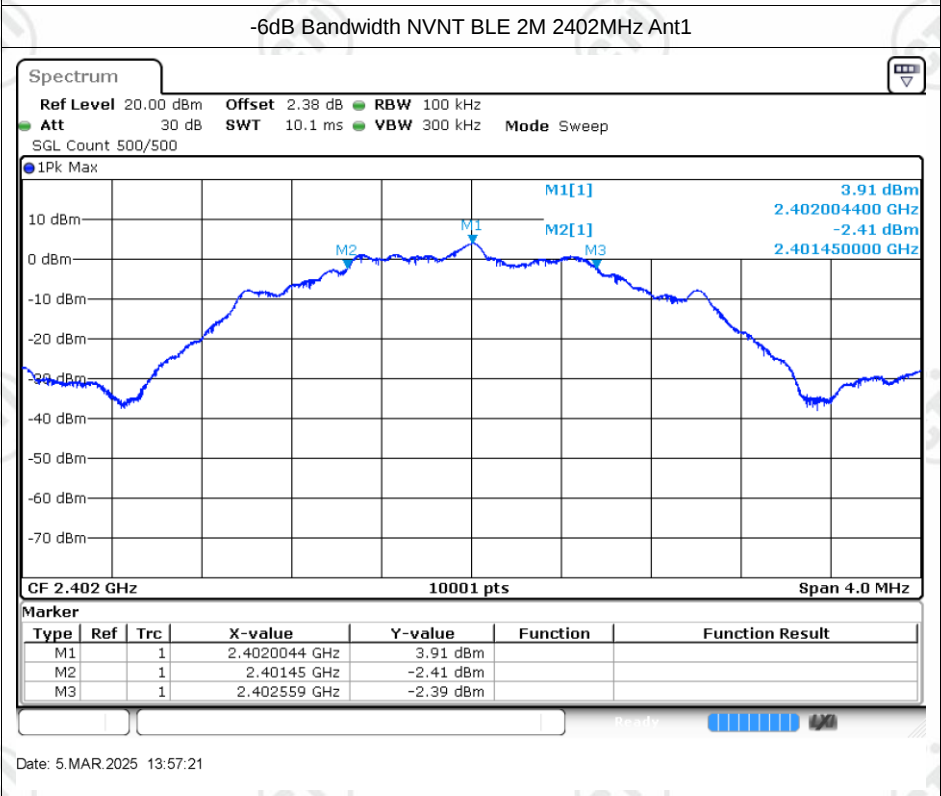
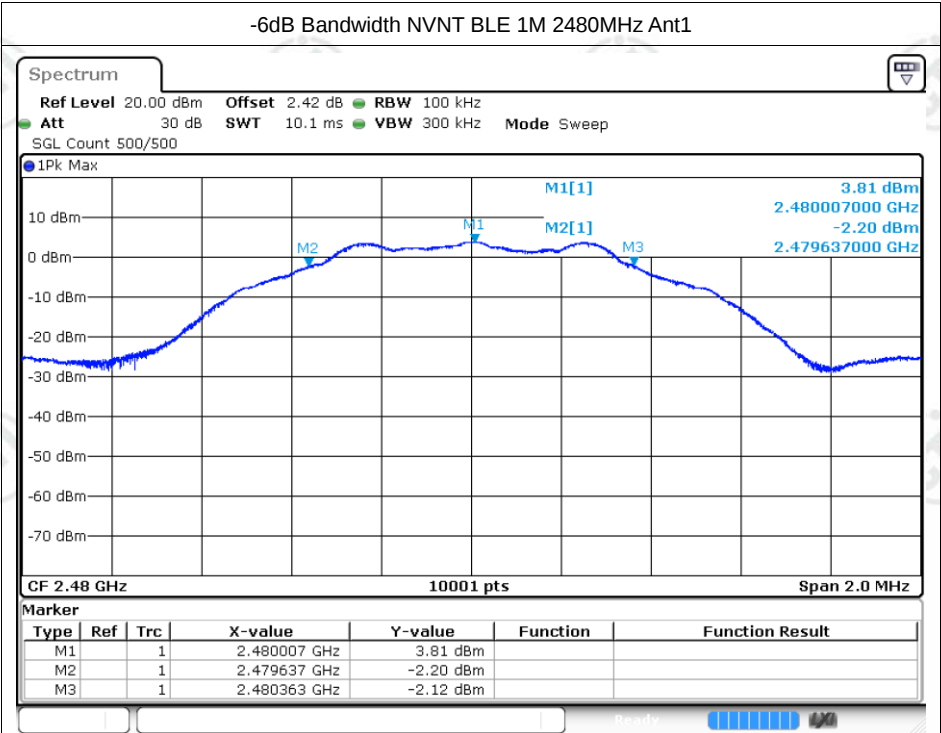
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.711	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.721	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.726	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.108	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.106	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.108	0.5	Pass

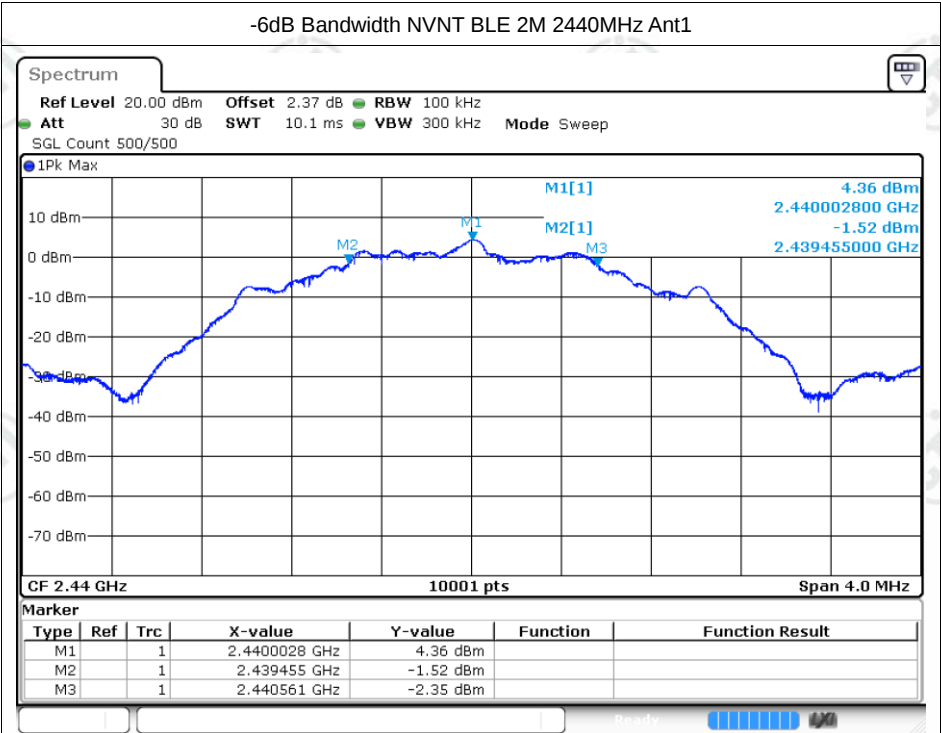


Date: 5.MAR.2025 13:47:01

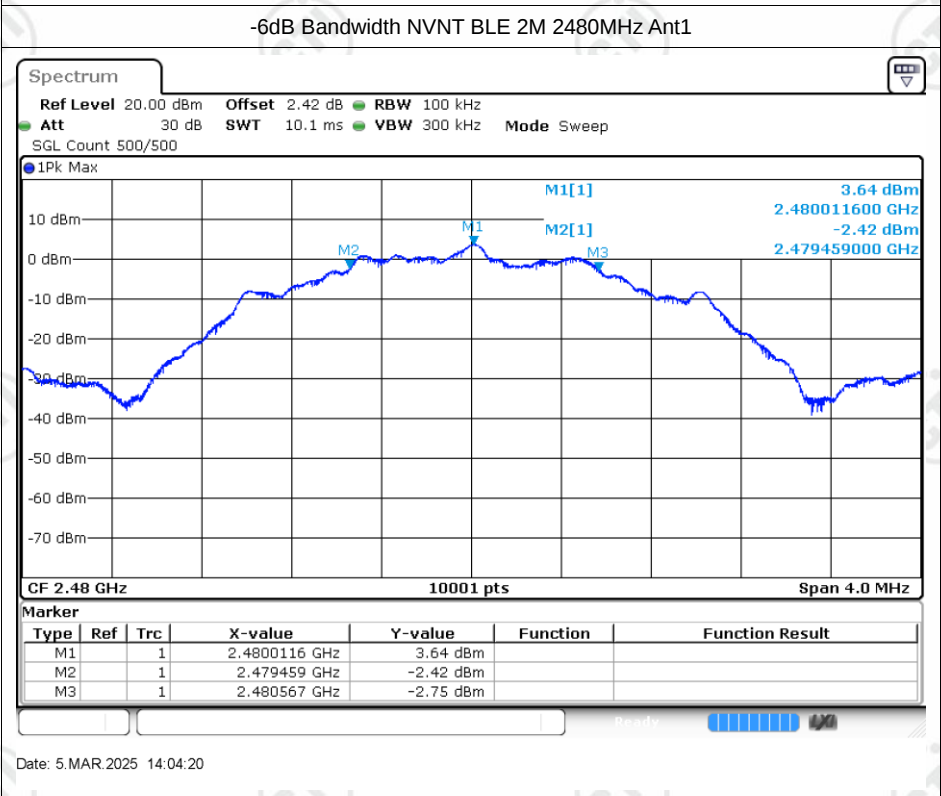


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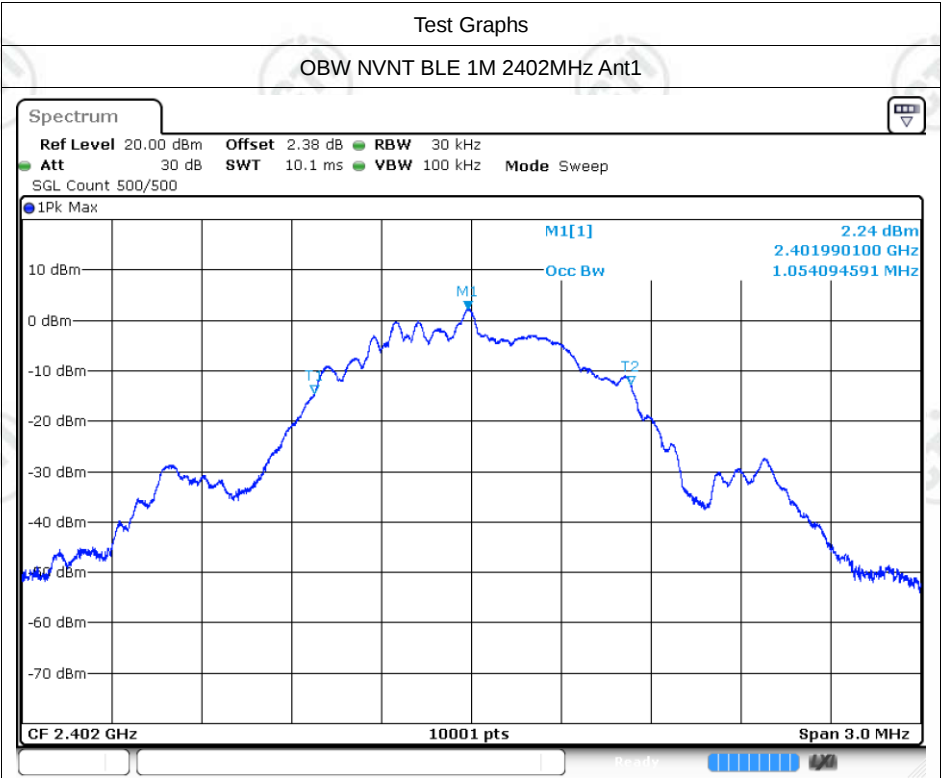
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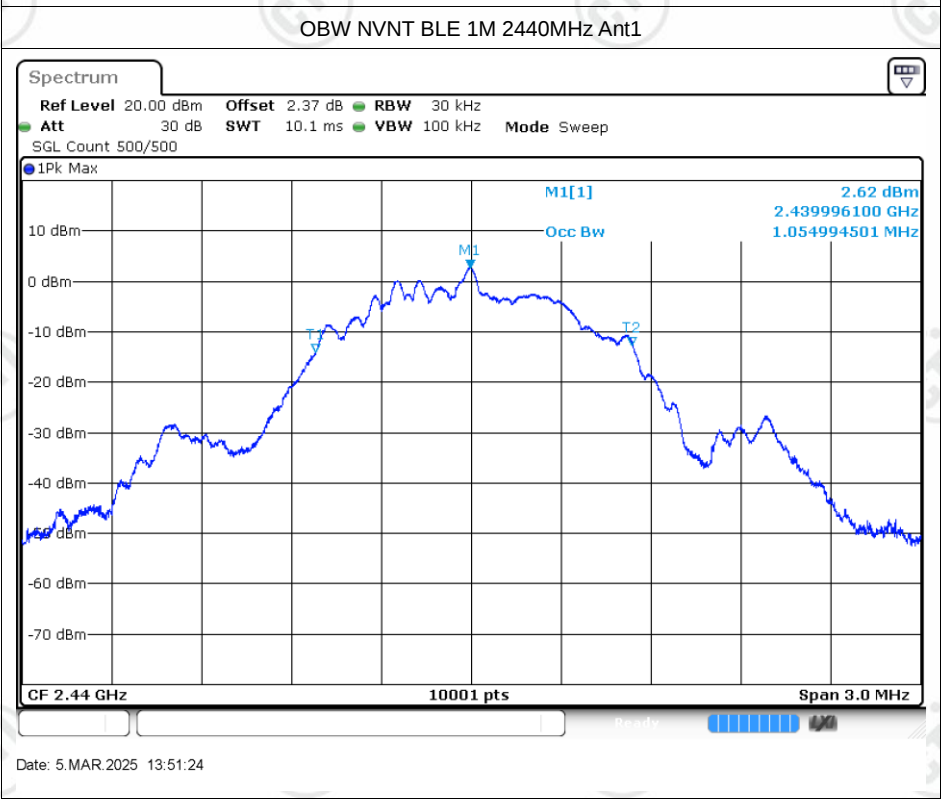
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Occupied Channel Bandwidth

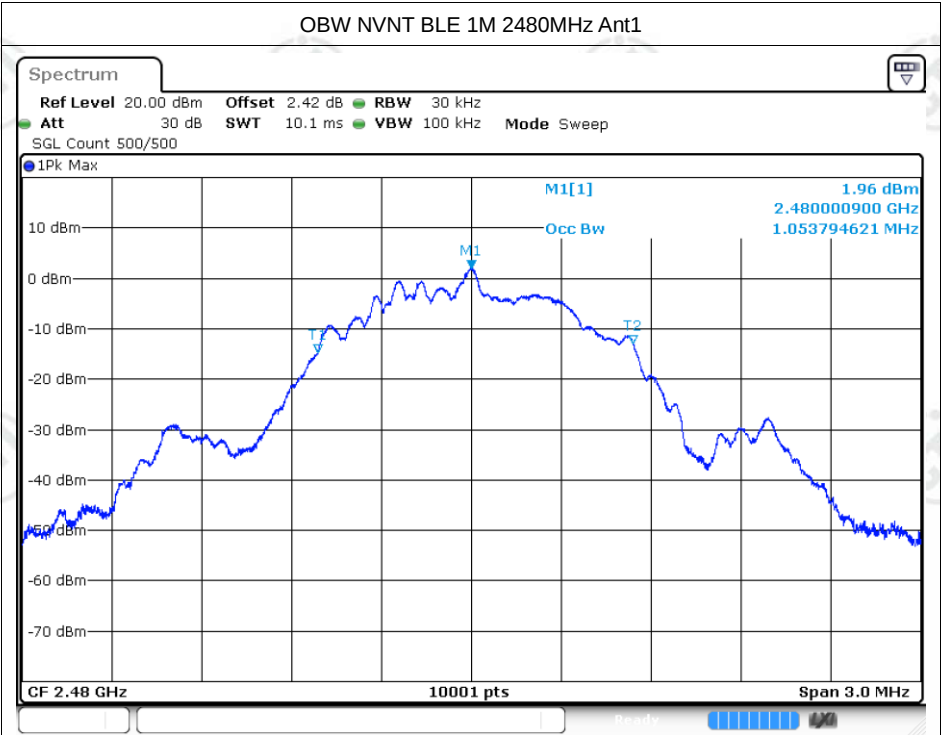
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.054
NVNT	BLE 1M	2440	Ant1	1.055
NVNT	BLE 1M	2480	Ant1	1.054
NVNT	BLE 2M	2402	Ant1	2.071
NVNT	BLE 2M	2440	Ant1	2.069
NVNT	BLE 2M	2480	Ant1	2.07



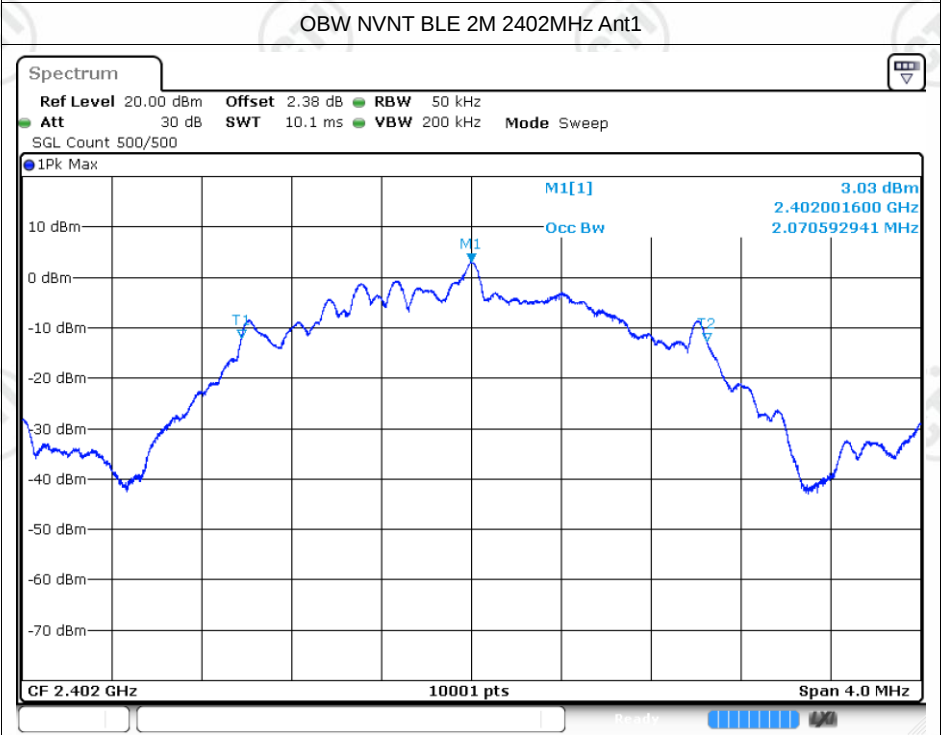
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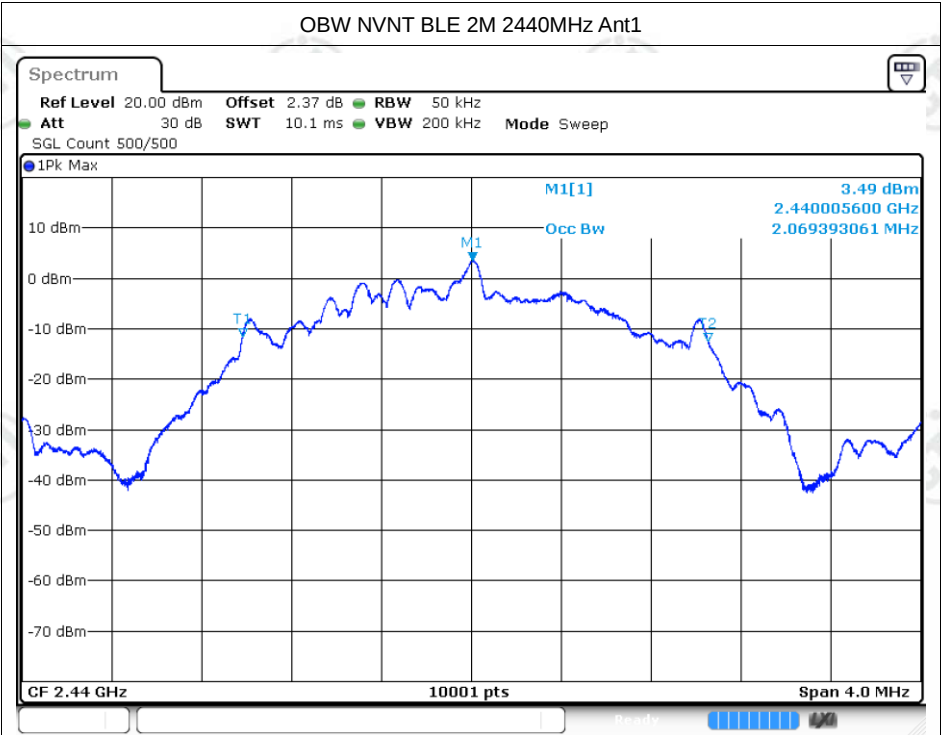
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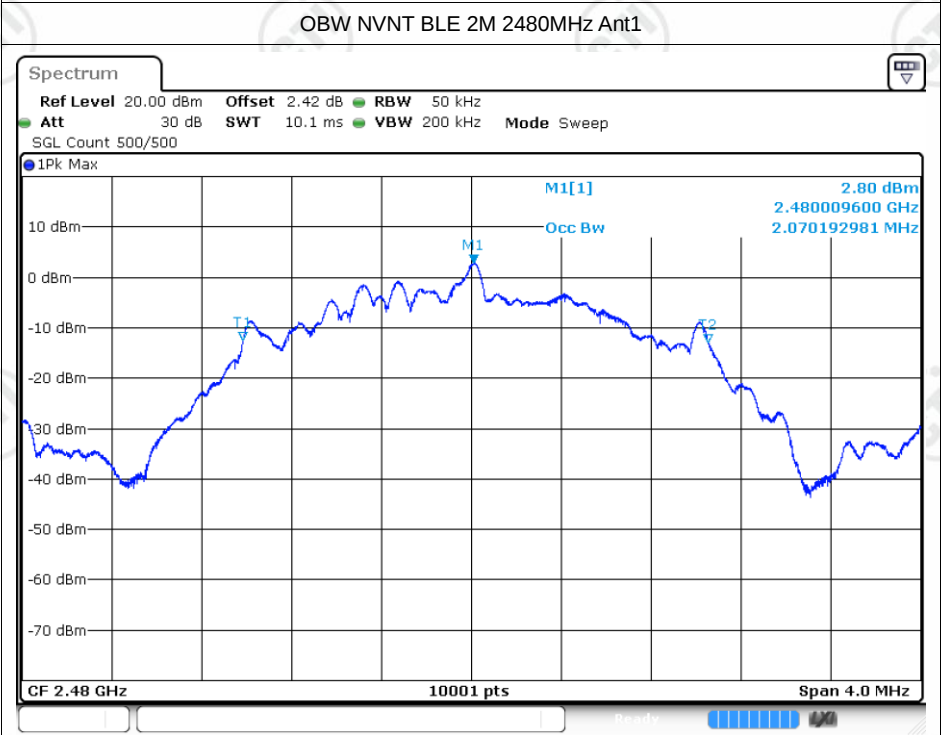
Date: 5.MAR.2025 13:53:27



Date: 5.MAR.2025 13:57:10



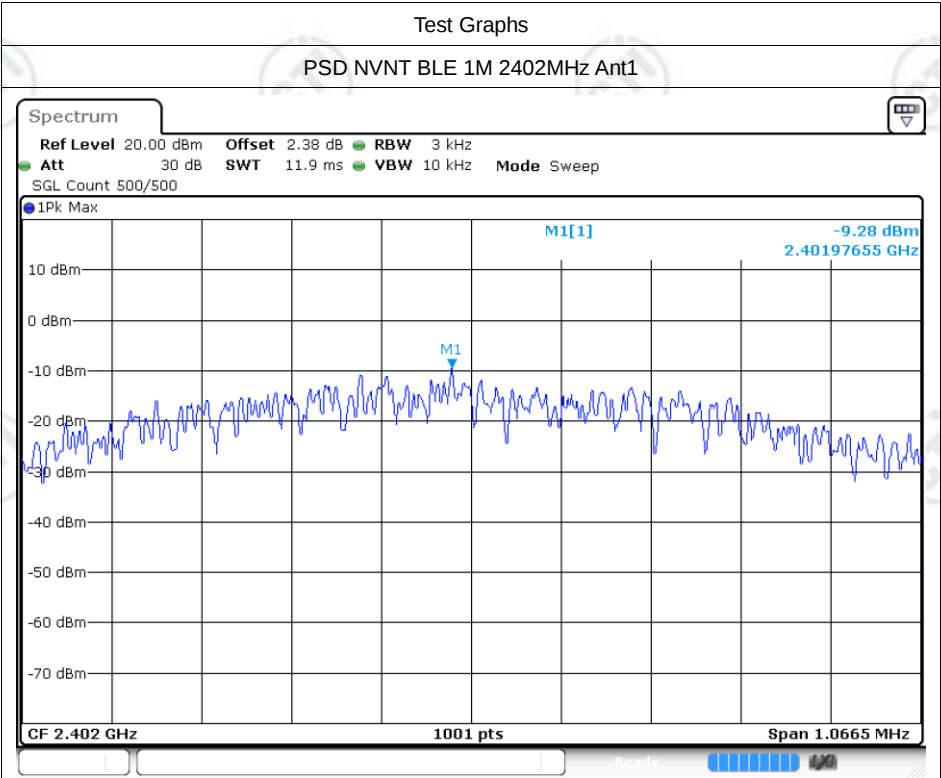
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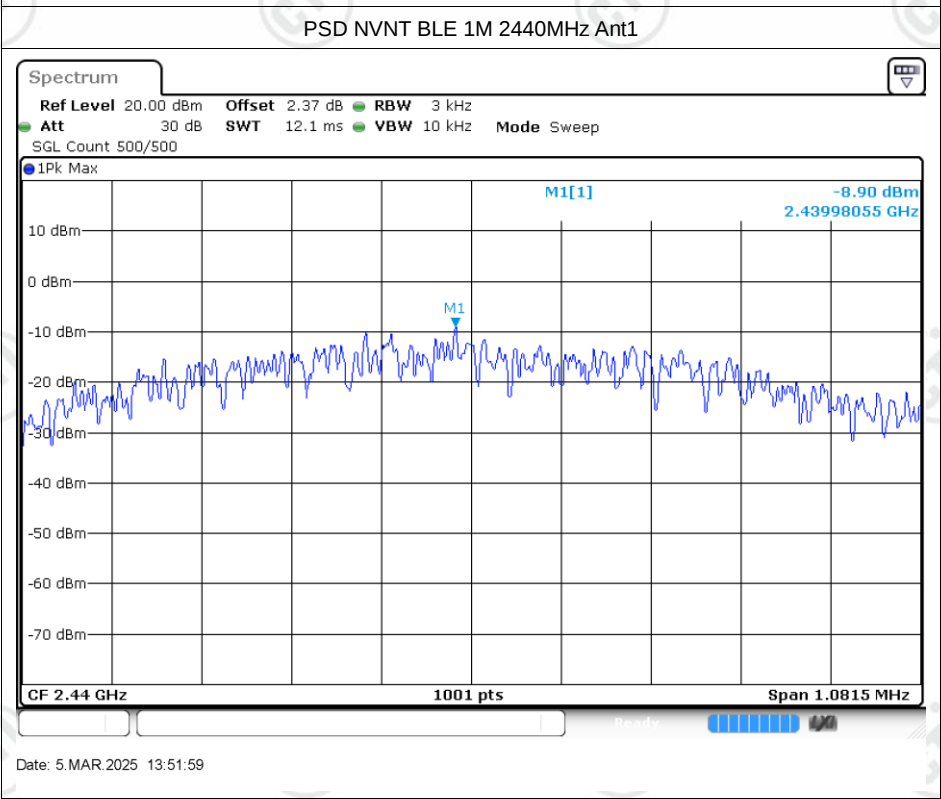
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Maximum Power Spectral Density Level

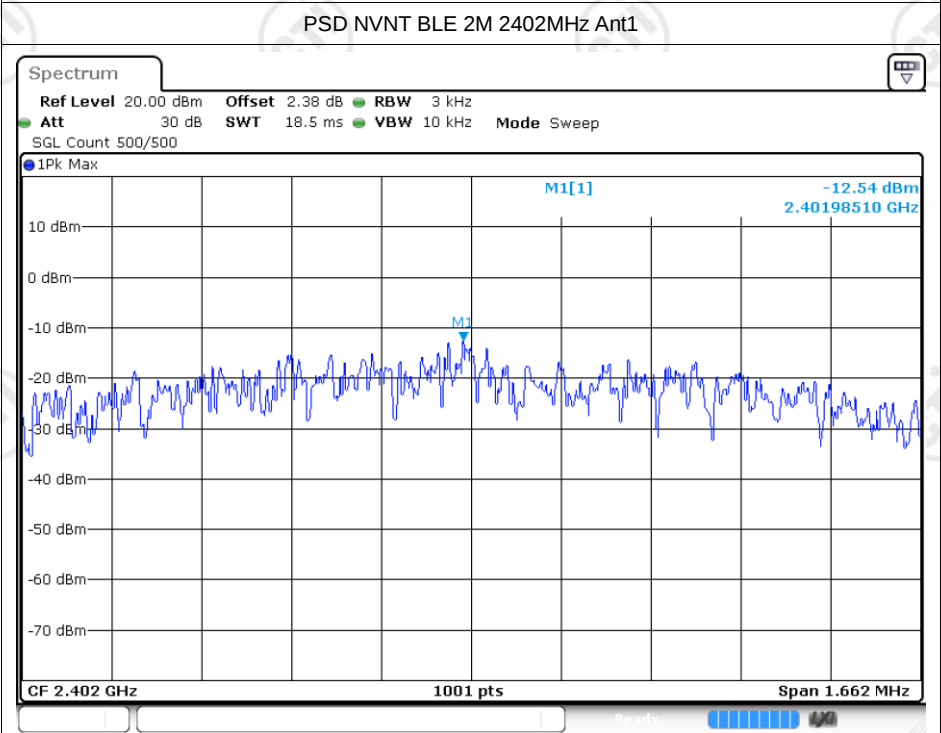
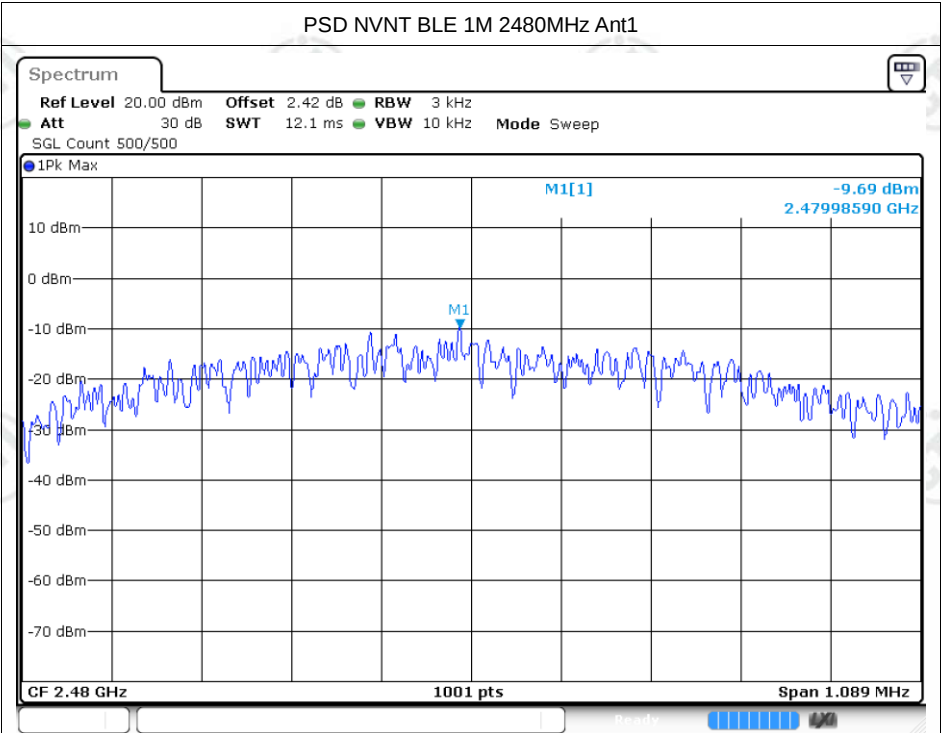
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-9.28	8	Pass
NVNT	BLE 1M	2440	Ant1	-8.9	8	Pass
NVNT	BLE 1M	2480	Ant1	-9.69	8	Pass
NVNT	BLE 2M	2402	Ant1	-12.54	8	Pass
NVNT	BLE 2M	2440	Ant1	-12.05	8	Pass
NVNT	BLE 2M	2480	Ant1	-12.57	8	Pass

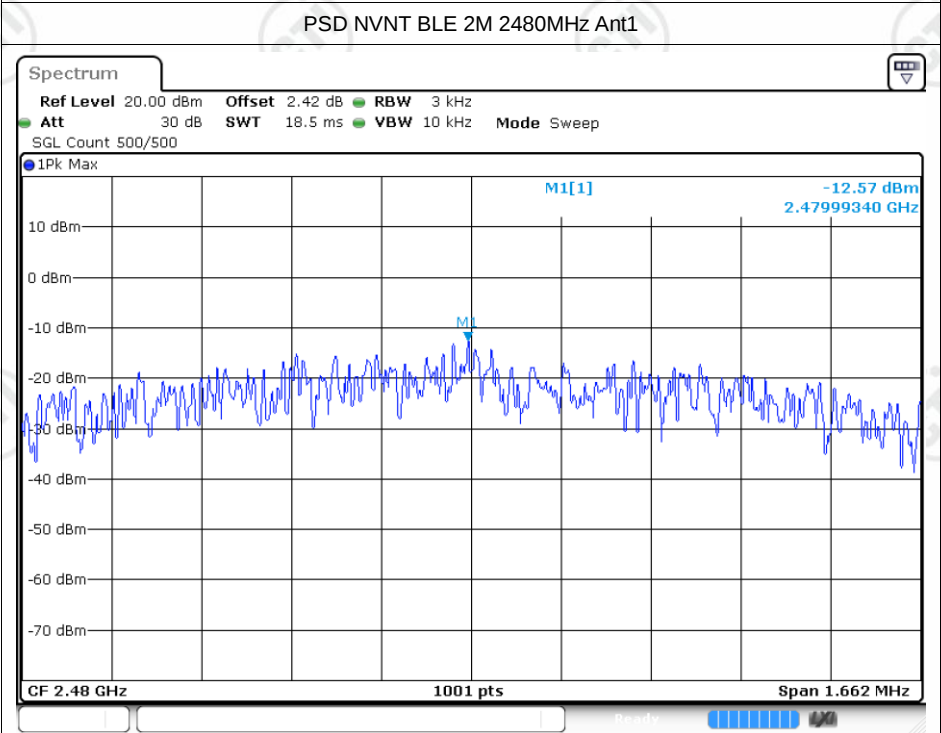
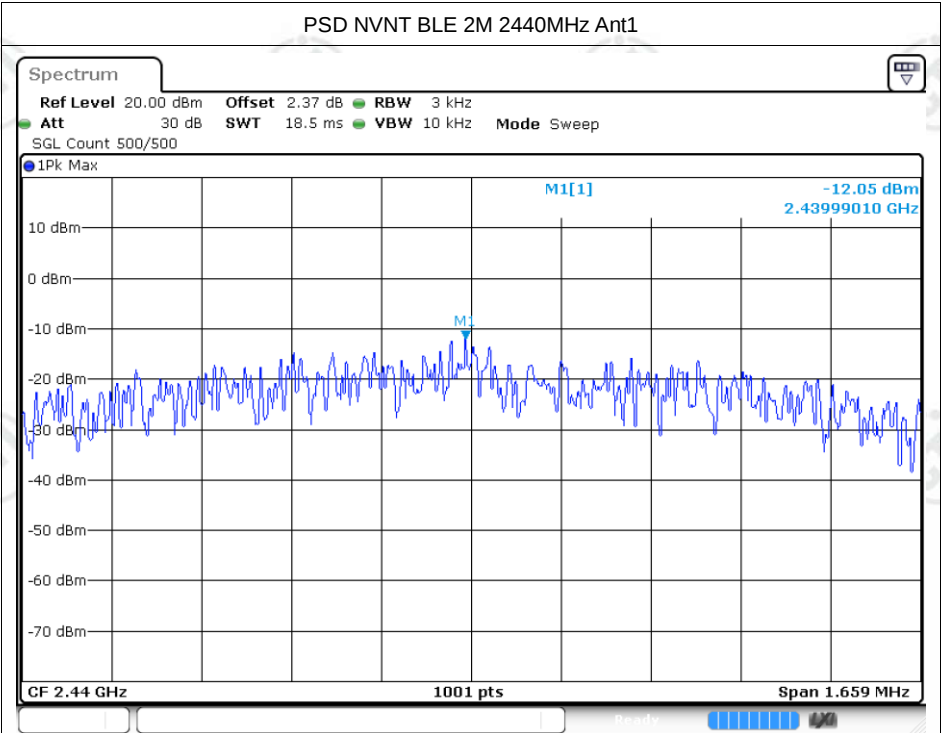


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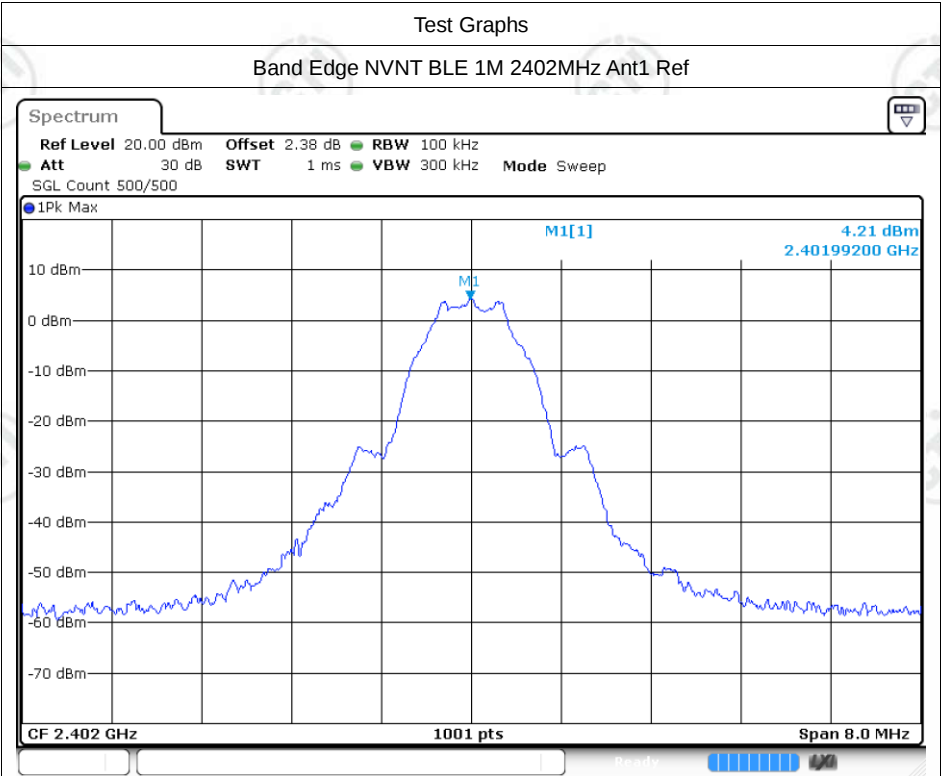
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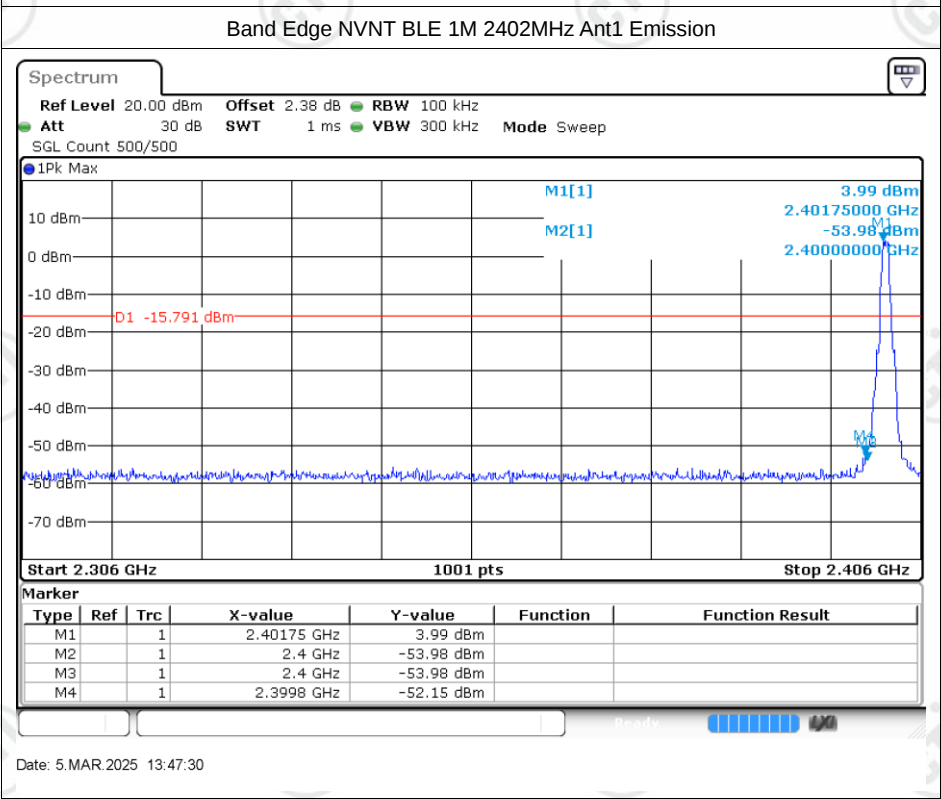


Band Edge

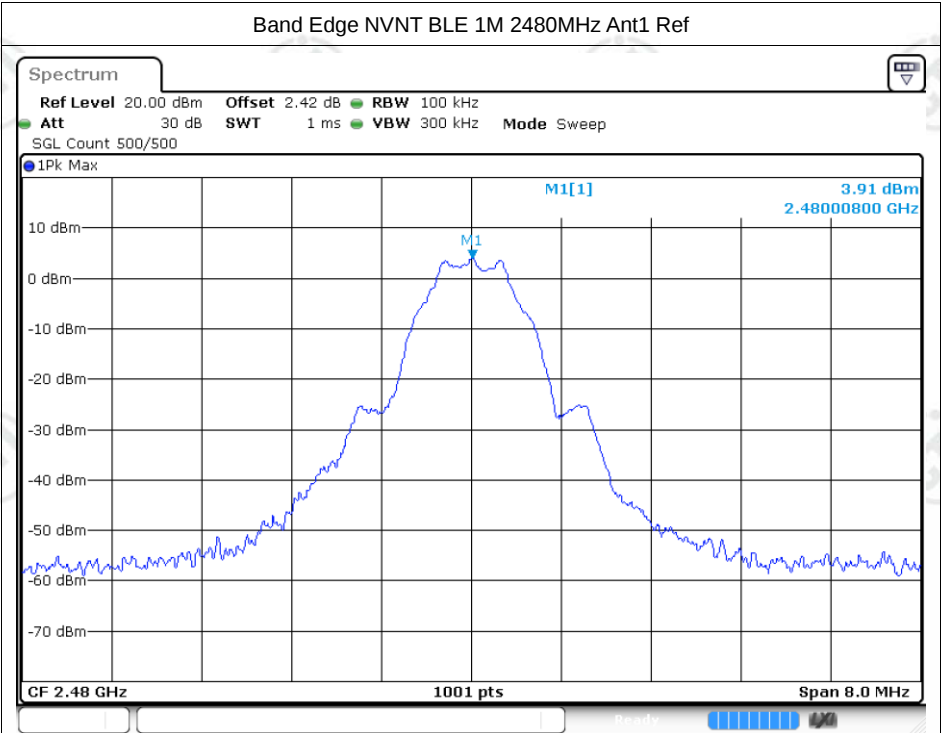
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-56.36	-20	Pass
NVNT	BLE 1M	2480	Ant1	-59.58	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.4	-20	Pass
NVNT	BLE 2M	2480	Ant1	-57.5	-20	Pass



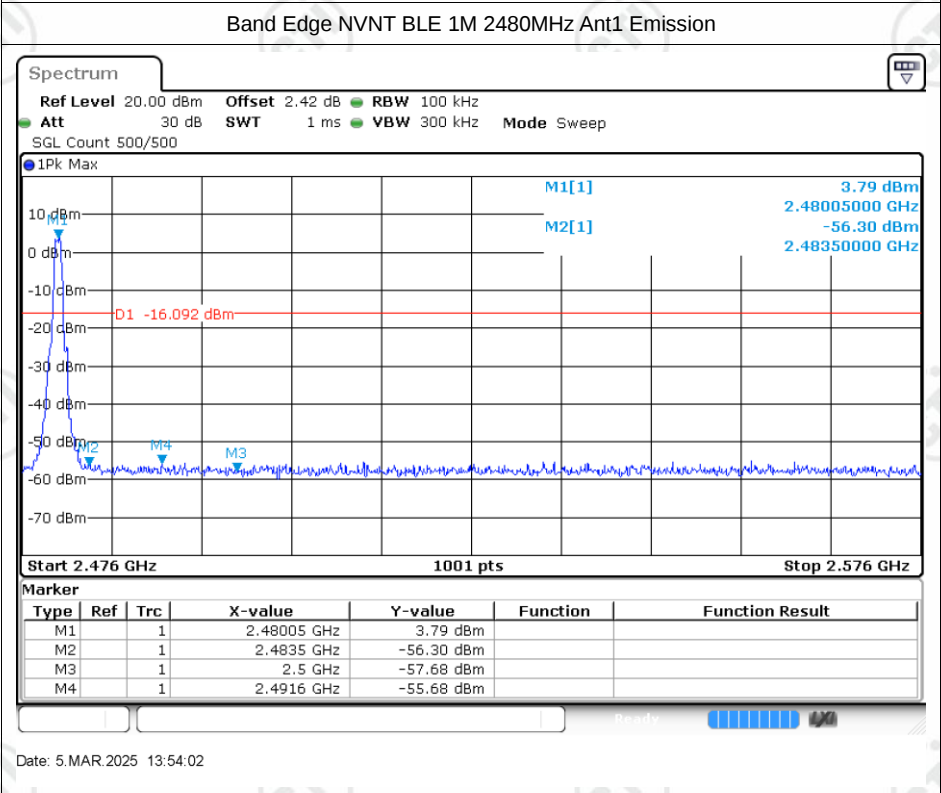
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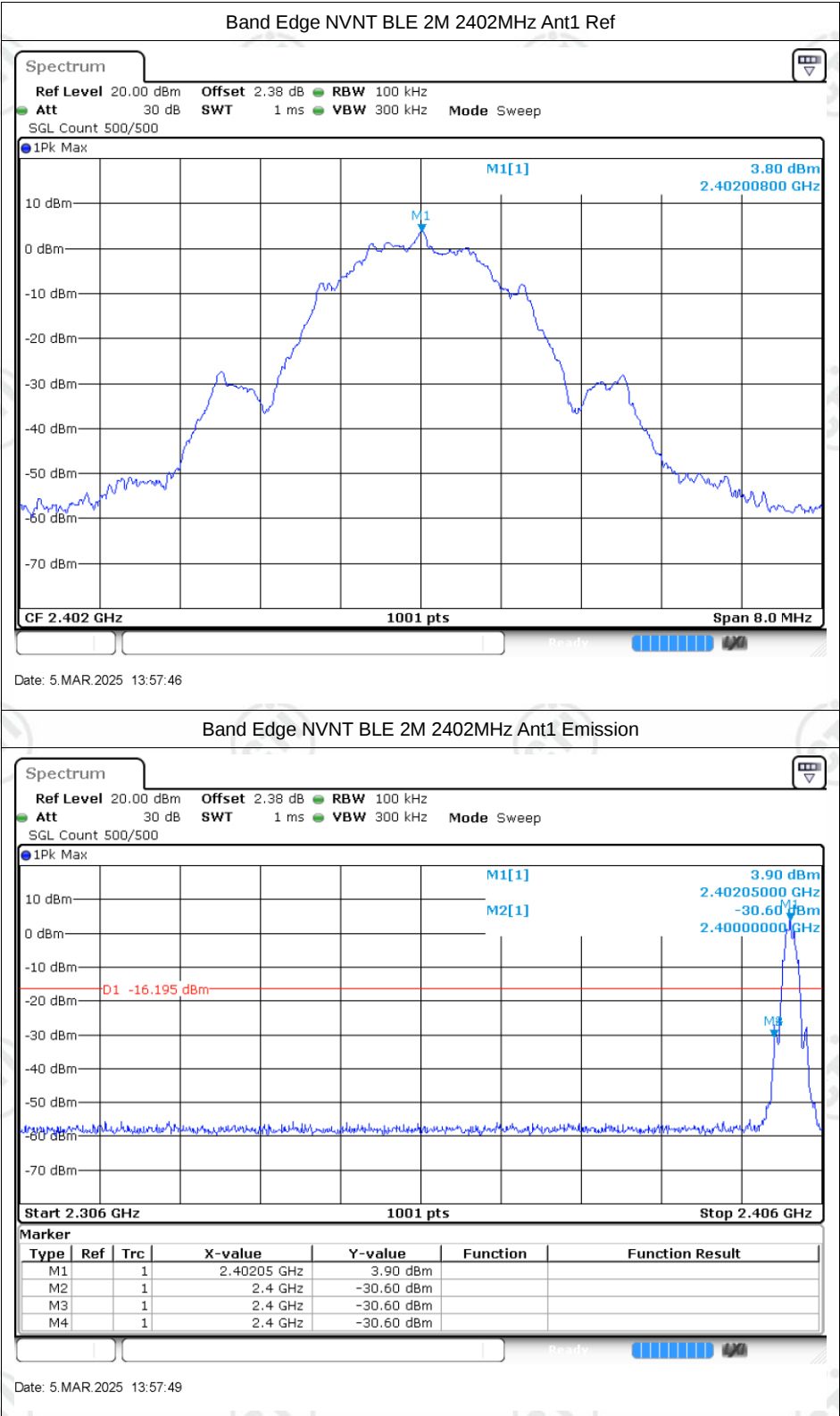
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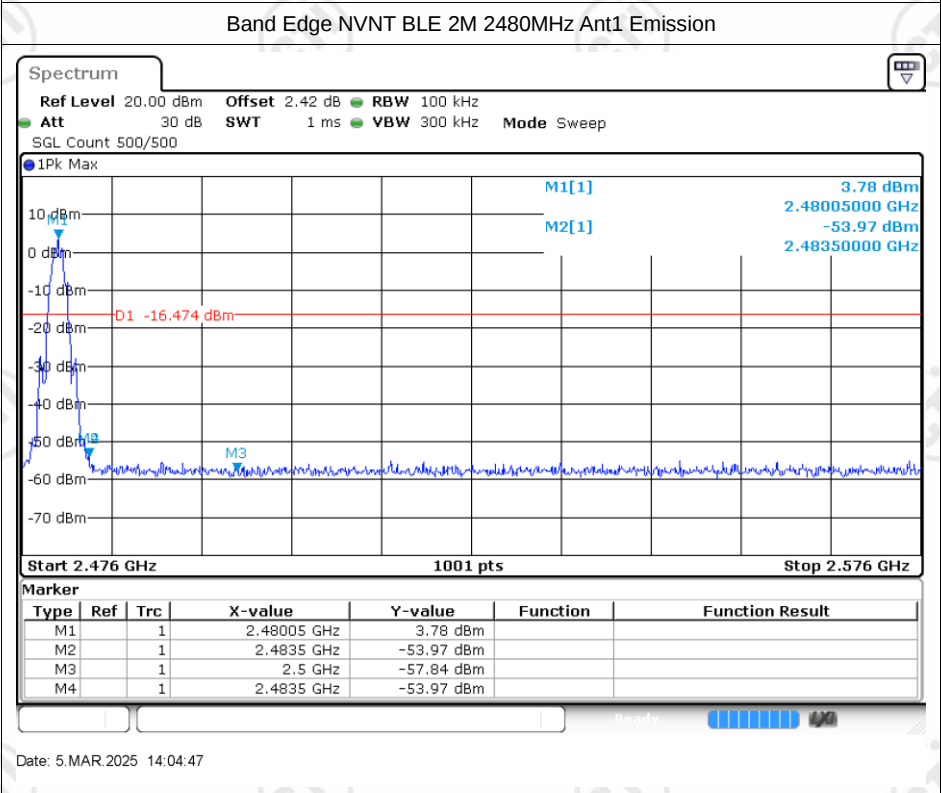
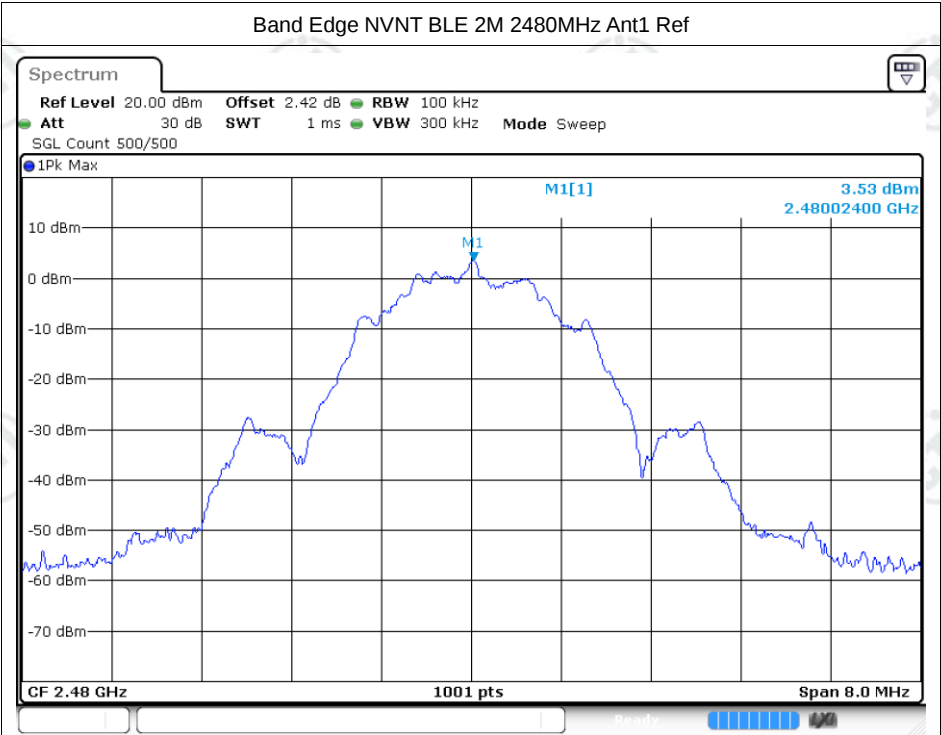


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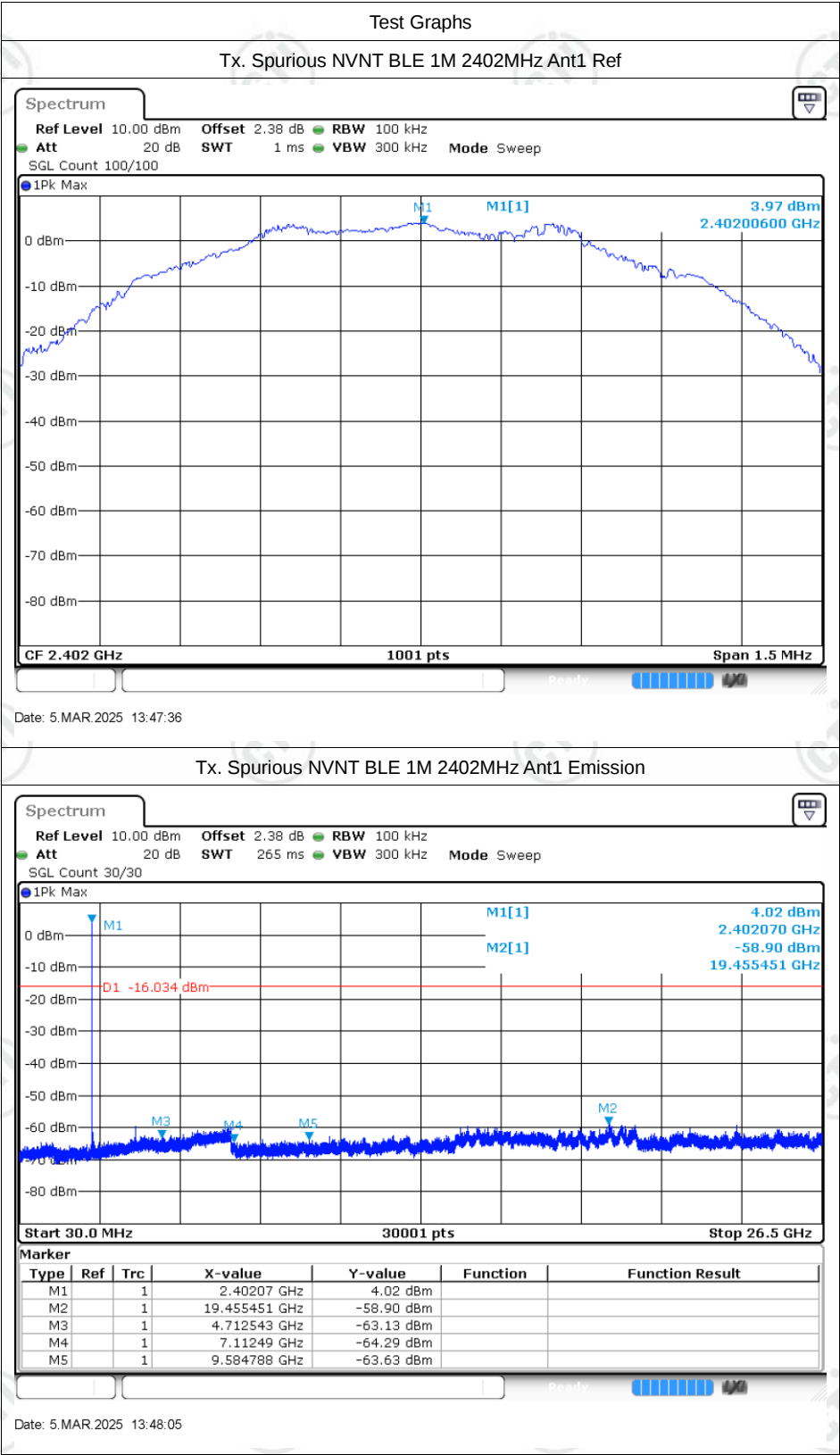
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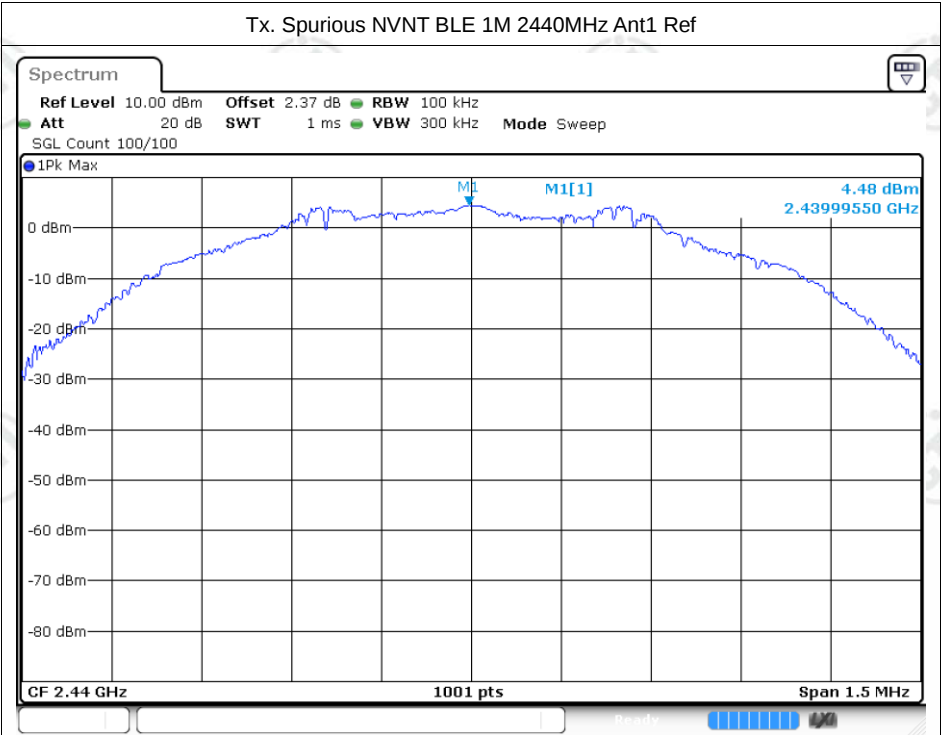




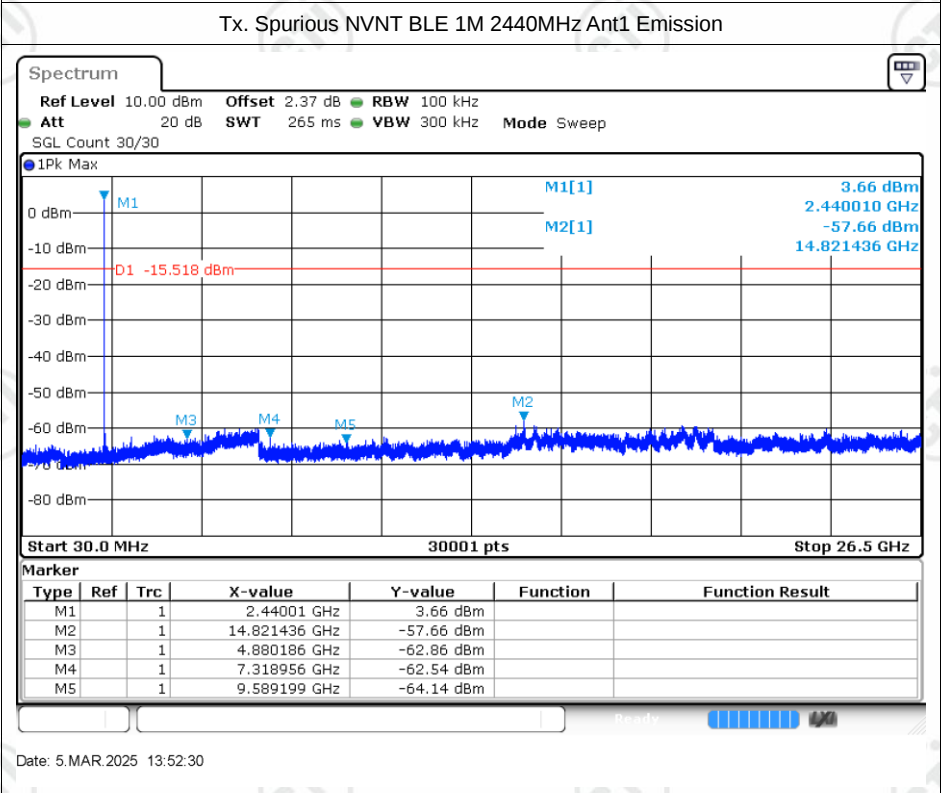
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-62.86	-20	Pass
NVNT	BLE 1M	2440	Ant1	-62.14	-20	Pass
NVNT	BLE 1M	2480	Ant1	-61.71	-20	Pass
NVNT	BLE 2M	2402	Ant1	-57.56	-20	Pass
NVNT	BLE 2M	2440	Ant1	-62.94	-20	Pass
NVNT	BLE 2M	2480	Ant1	-61.67	-20	Pass

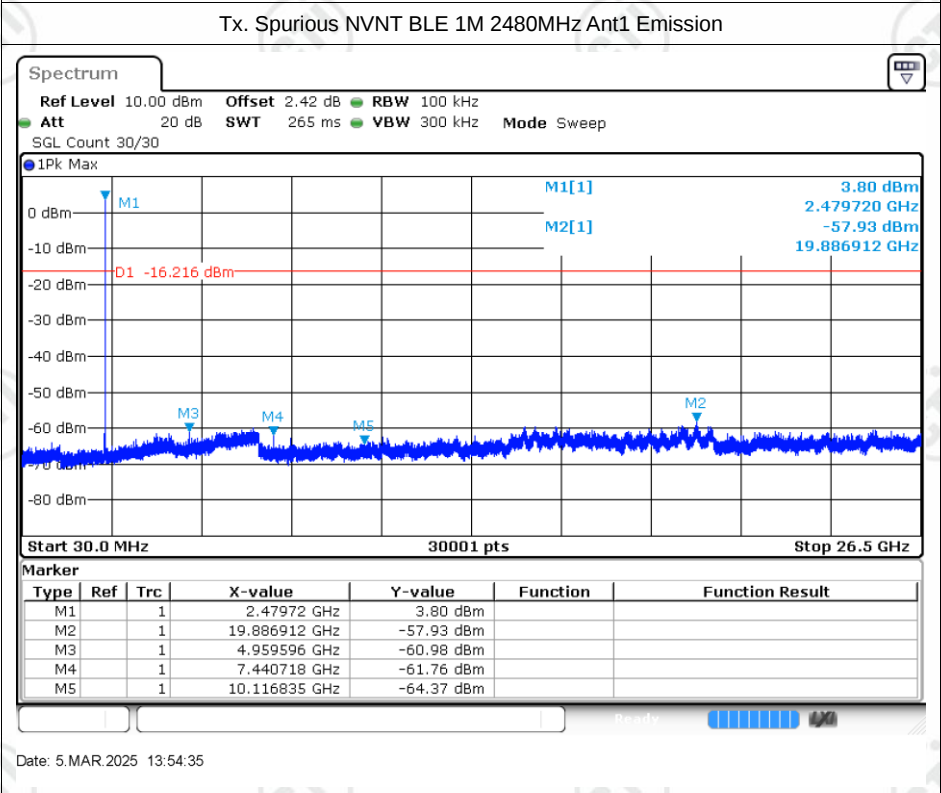
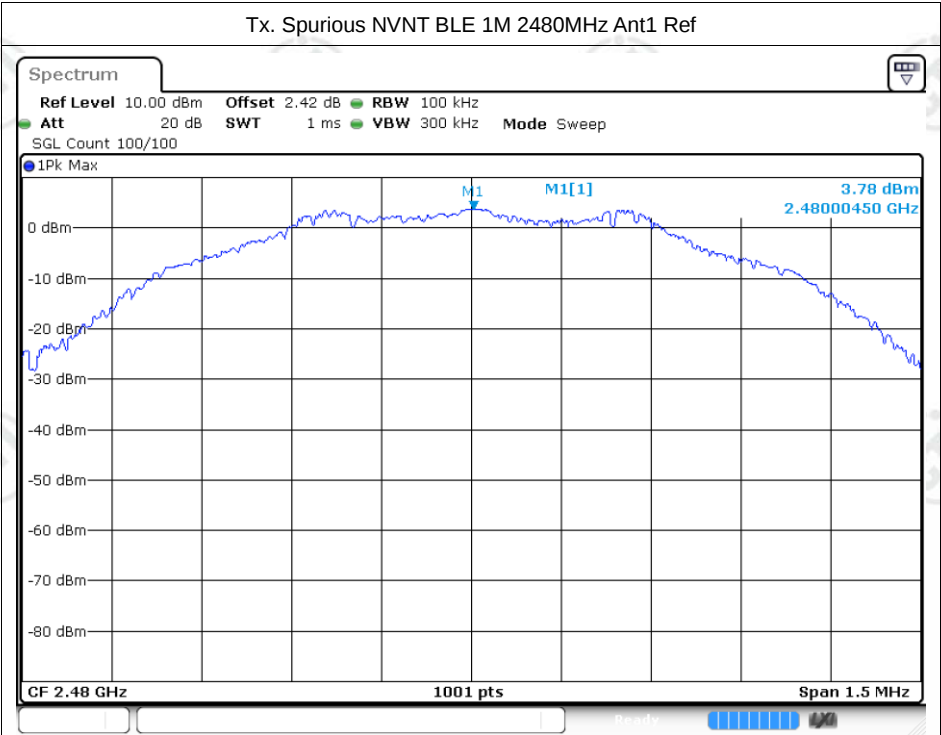


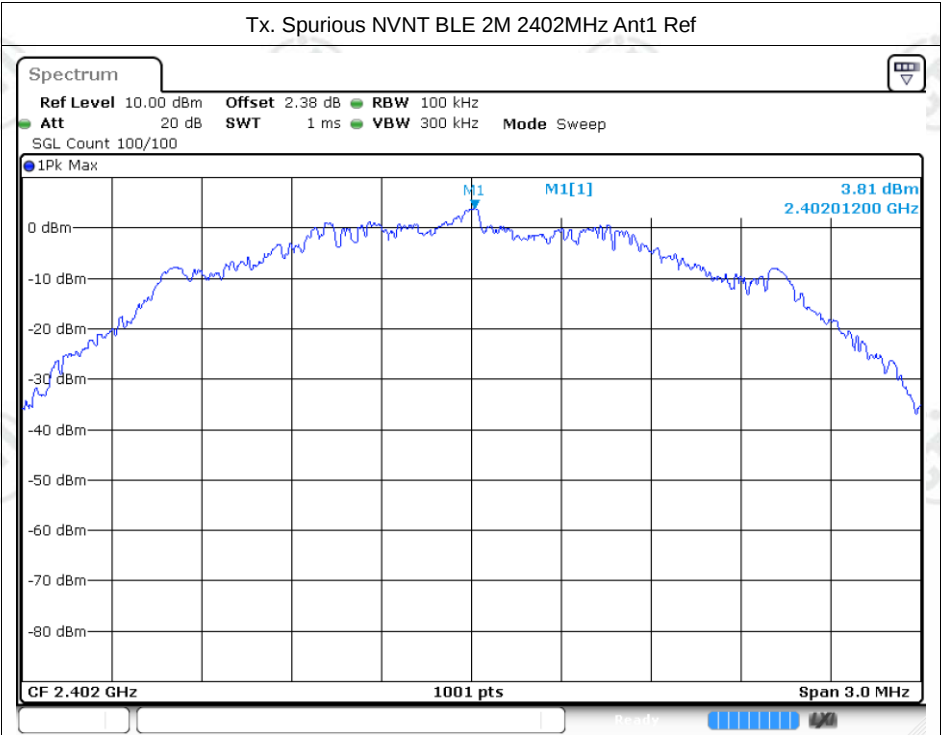


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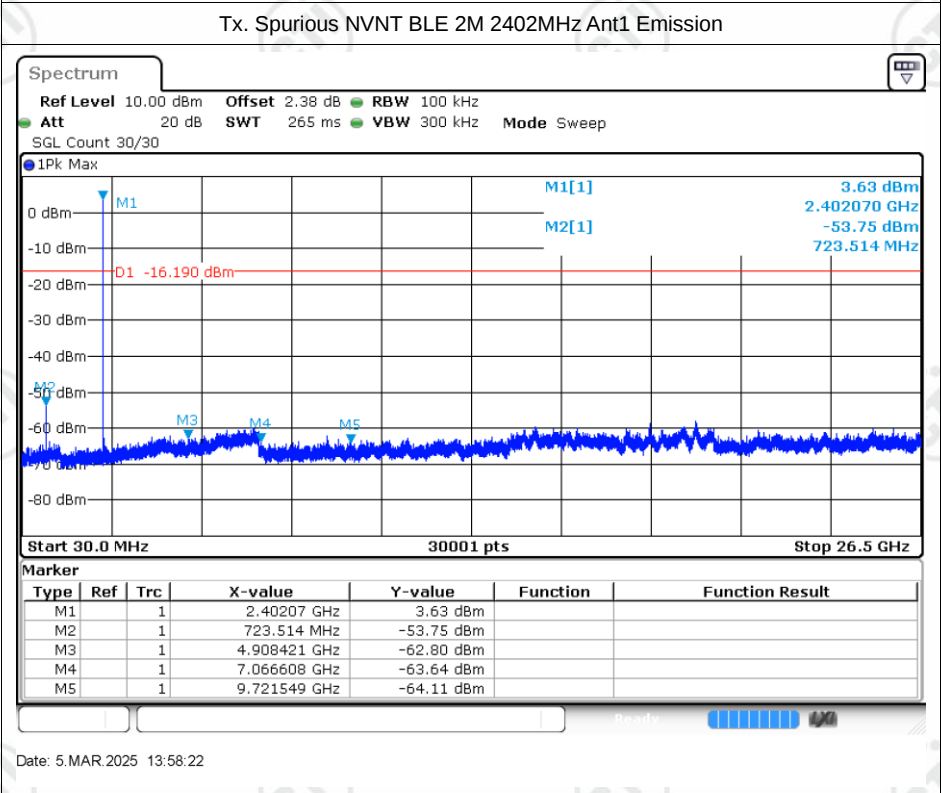


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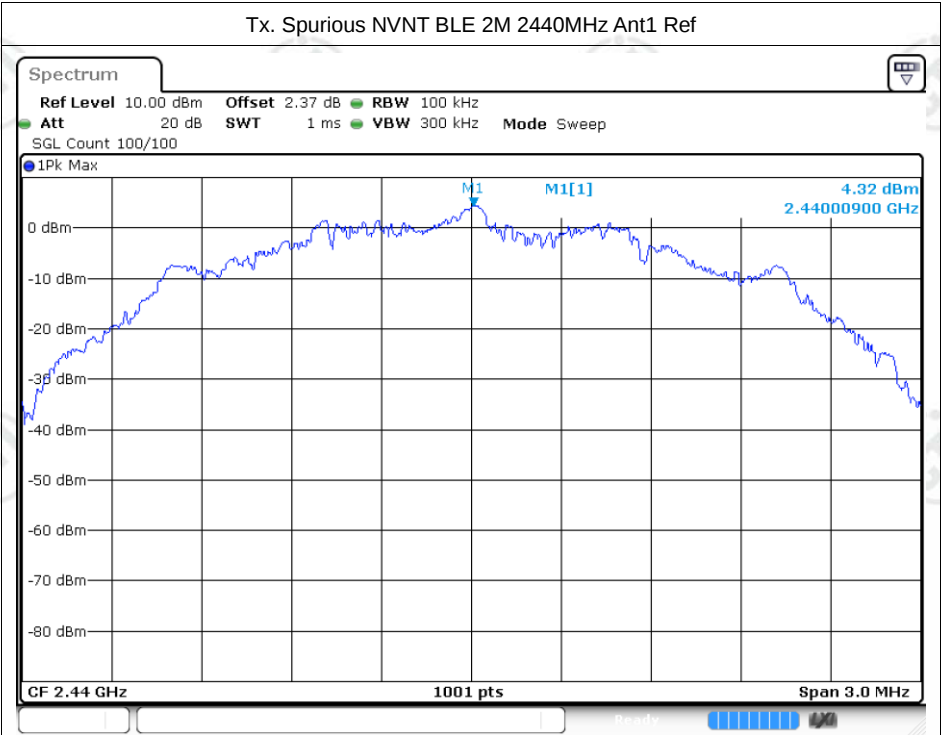




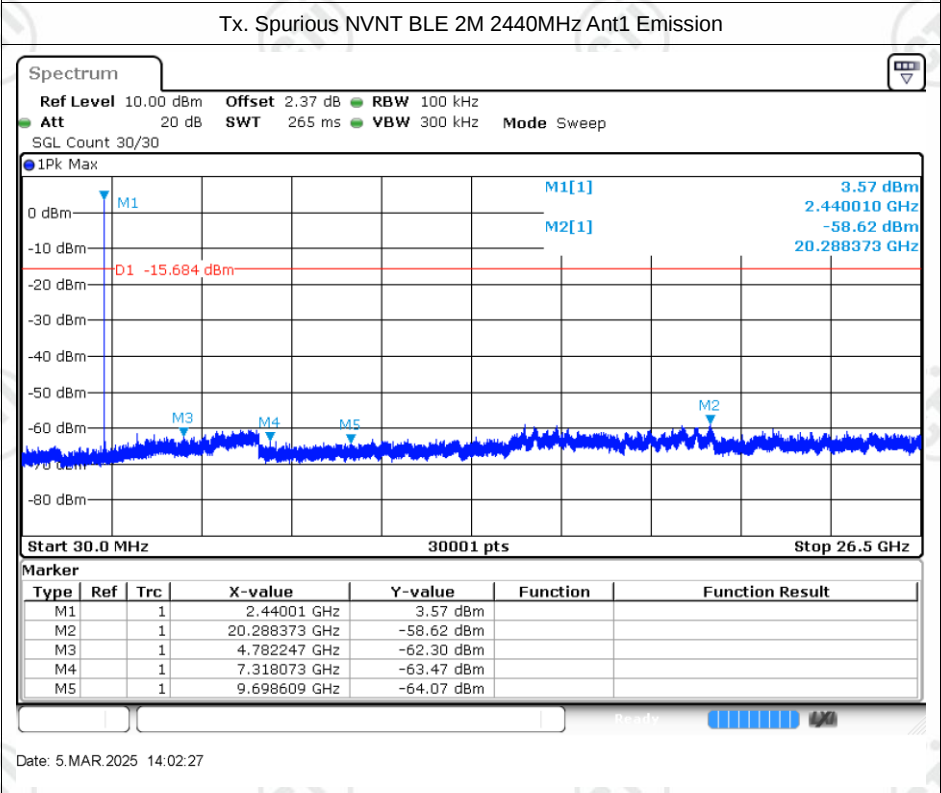
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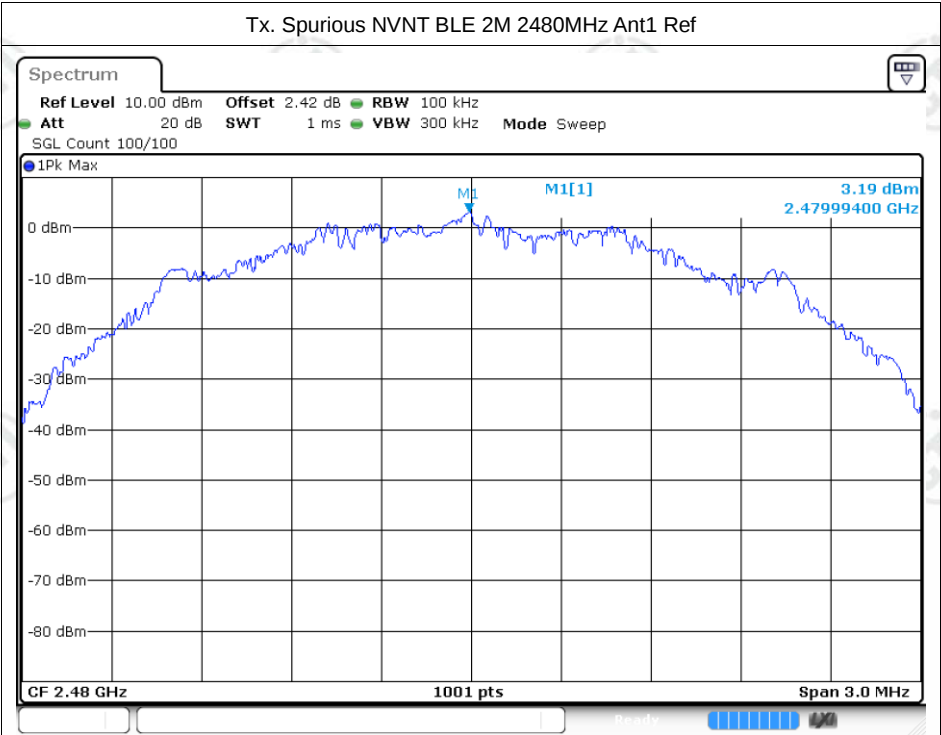
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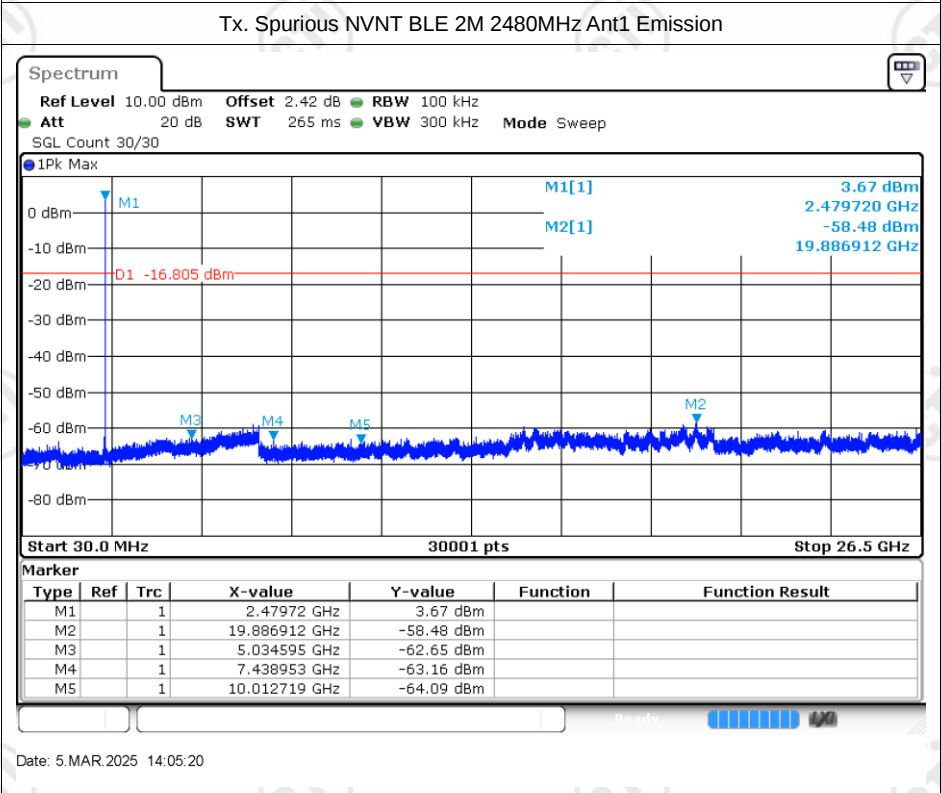
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Date: 5.MAR.2025 14:02:27



Date: 5.MAR.2025 14:04:50



Date: 5.MAR.2025 14:05:20

*** End of Report ***