

Appendix: Bluetooth LE

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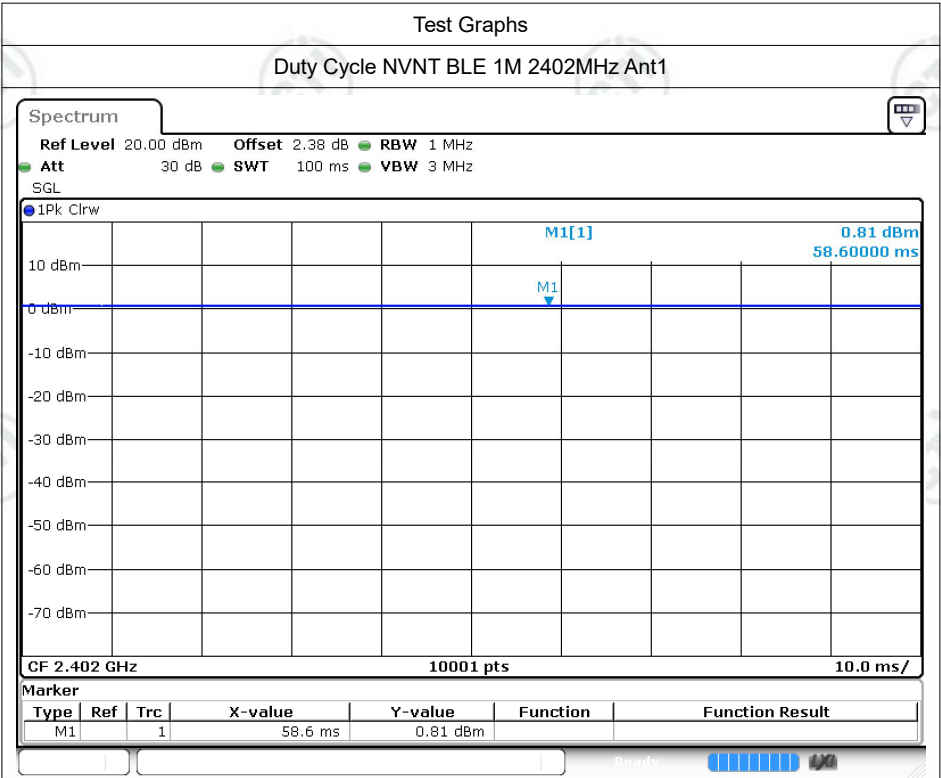
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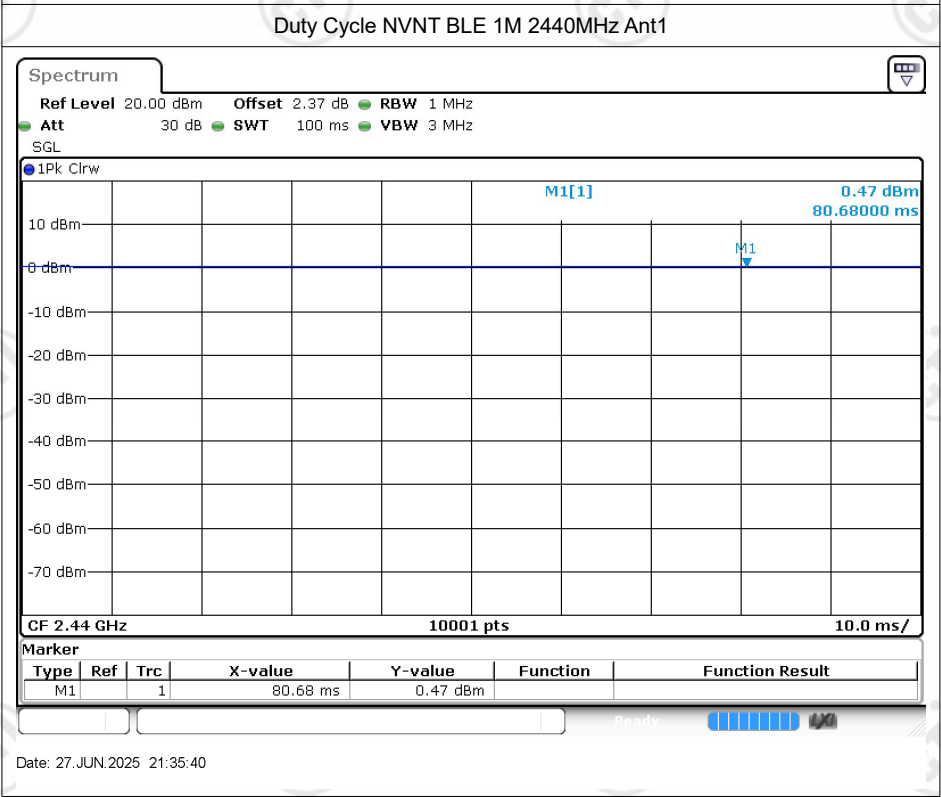
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Duty Cycle

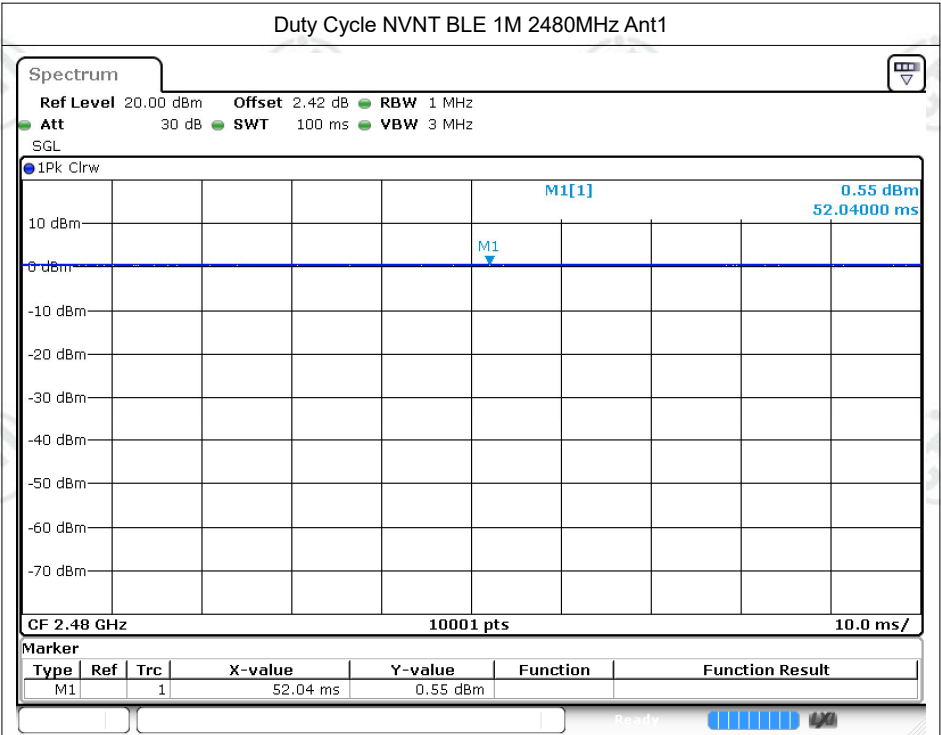
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0



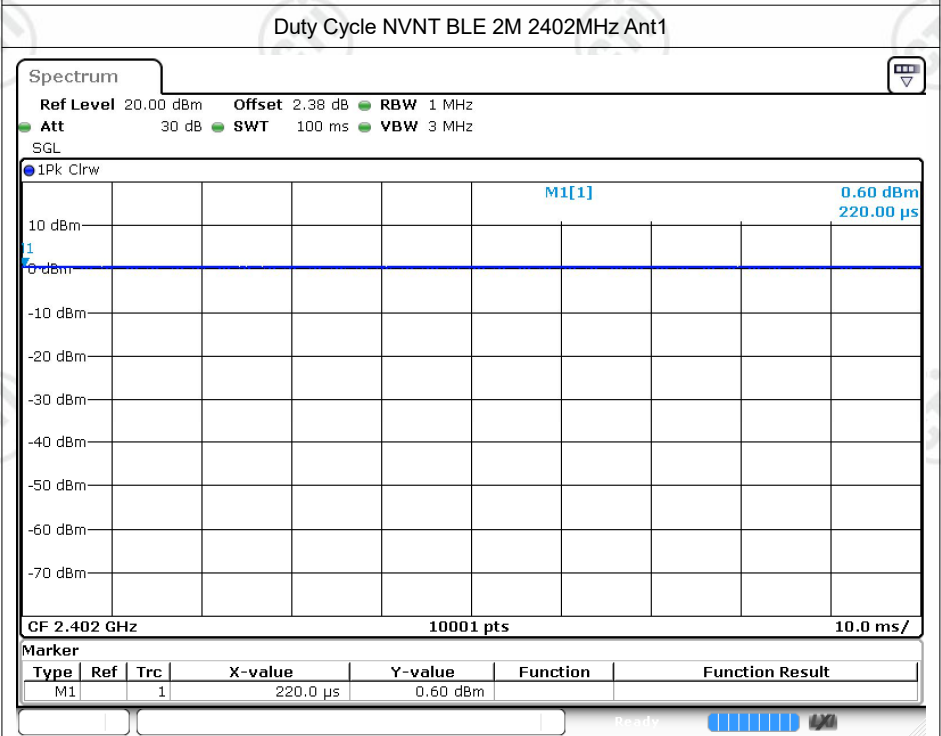
Date: 27 JUN 2025 21:37:40



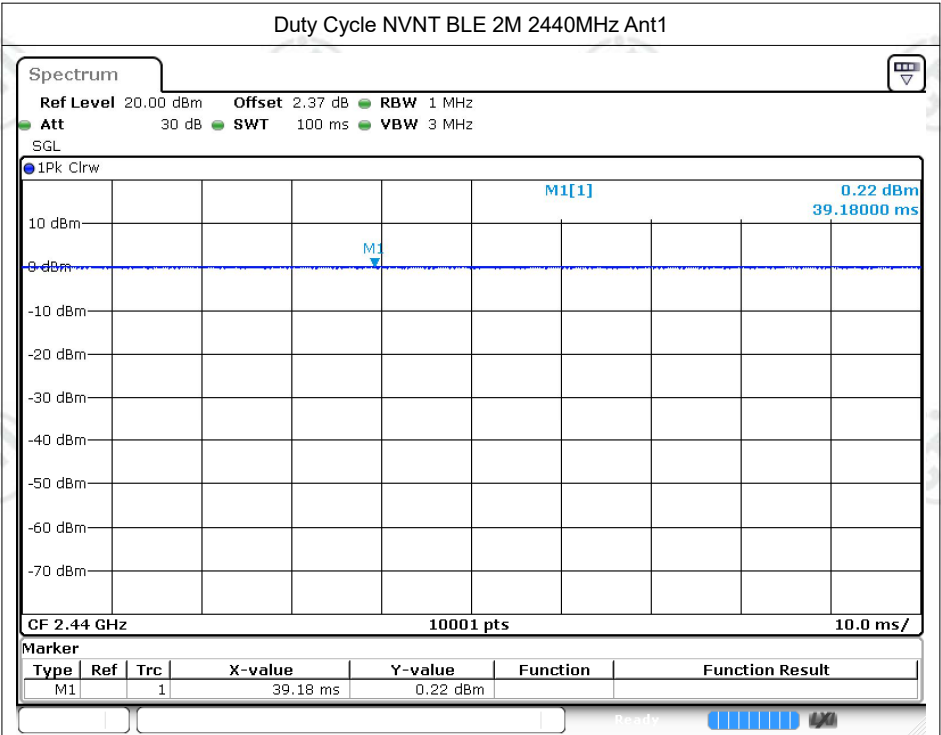
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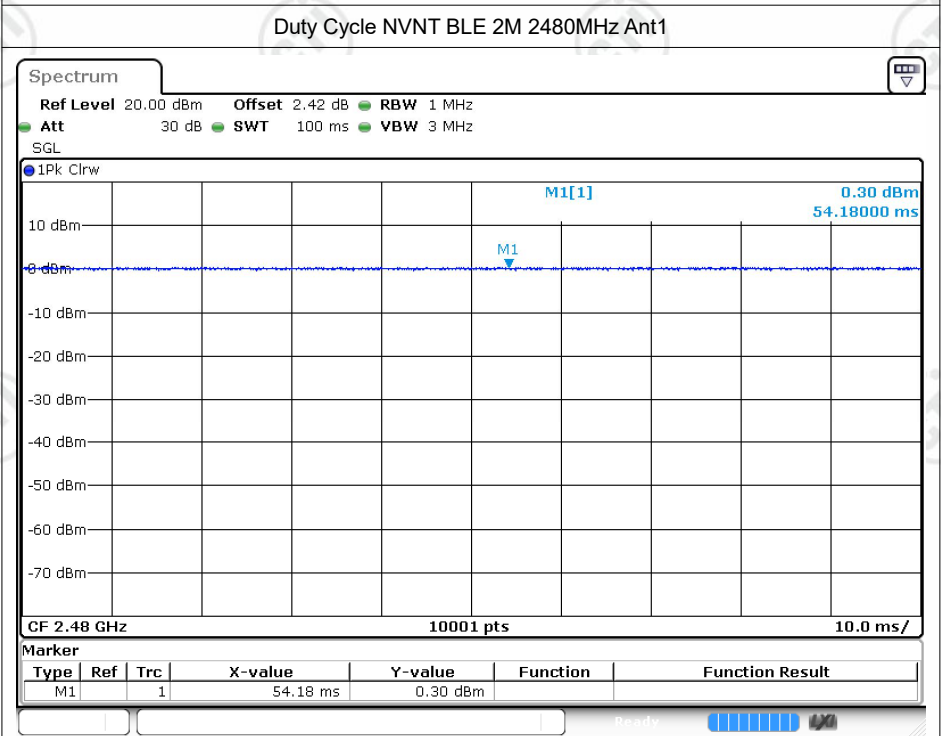
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Date: 27 JUN 2025 21:31:27



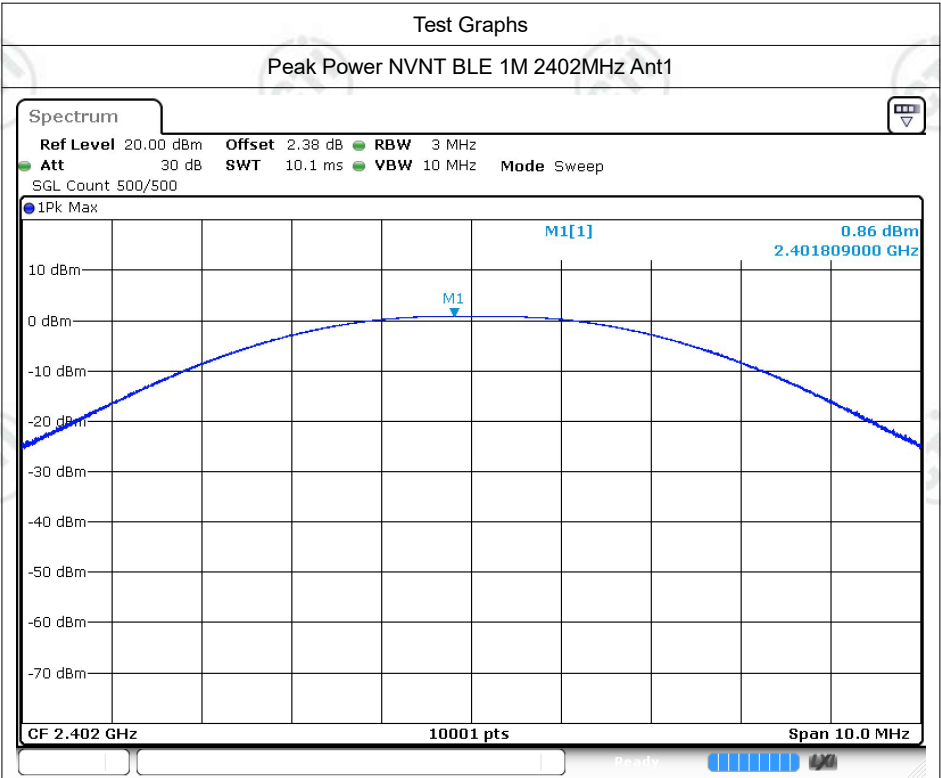
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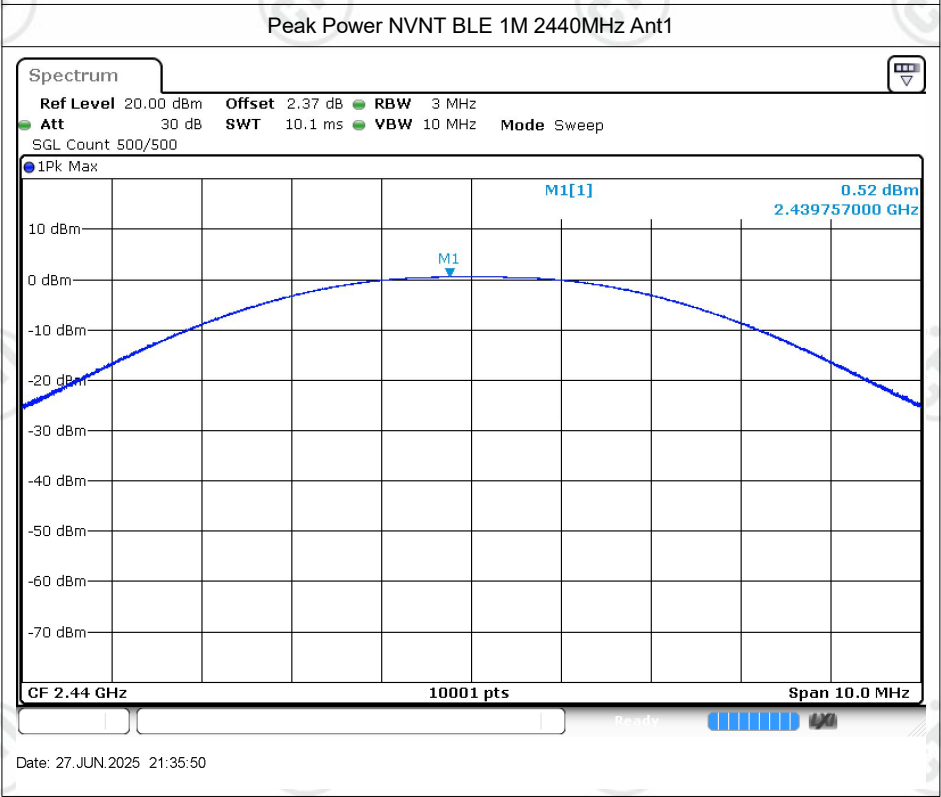
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Maximum Peak Conducted Output Power

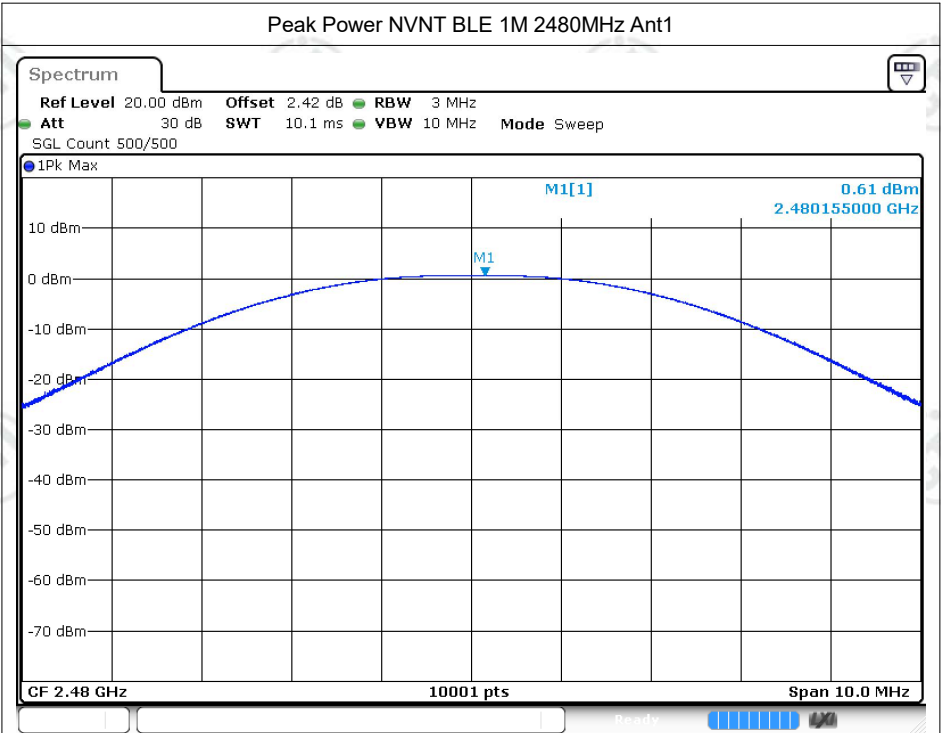
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.86	30	Pass
NVNT	BLE 1M	2440	Ant1	0.52	30	Pass
NVNT	BLE 1M	2480	Ant1	0.61	30	Pass
NVNT	BLE 2M	2402	Ant1	0.85	30	Pass
NVNT	BLE 2M	2440	Ant1	0.52	30	Pass
NVNT	BLE 2M	2480	Ant1	0.58	30	Pass



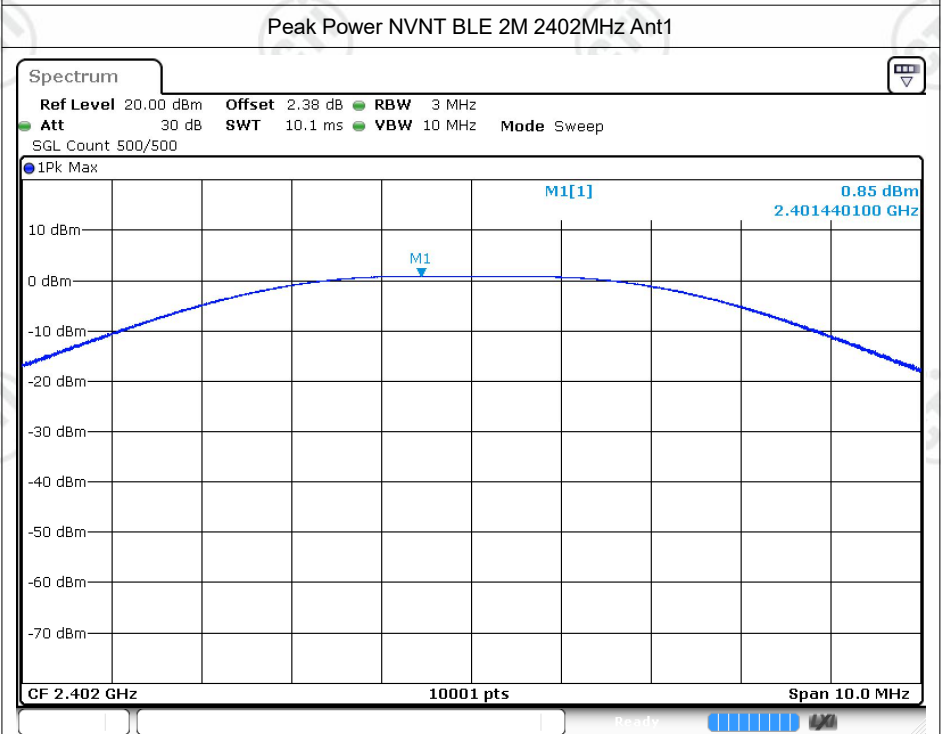
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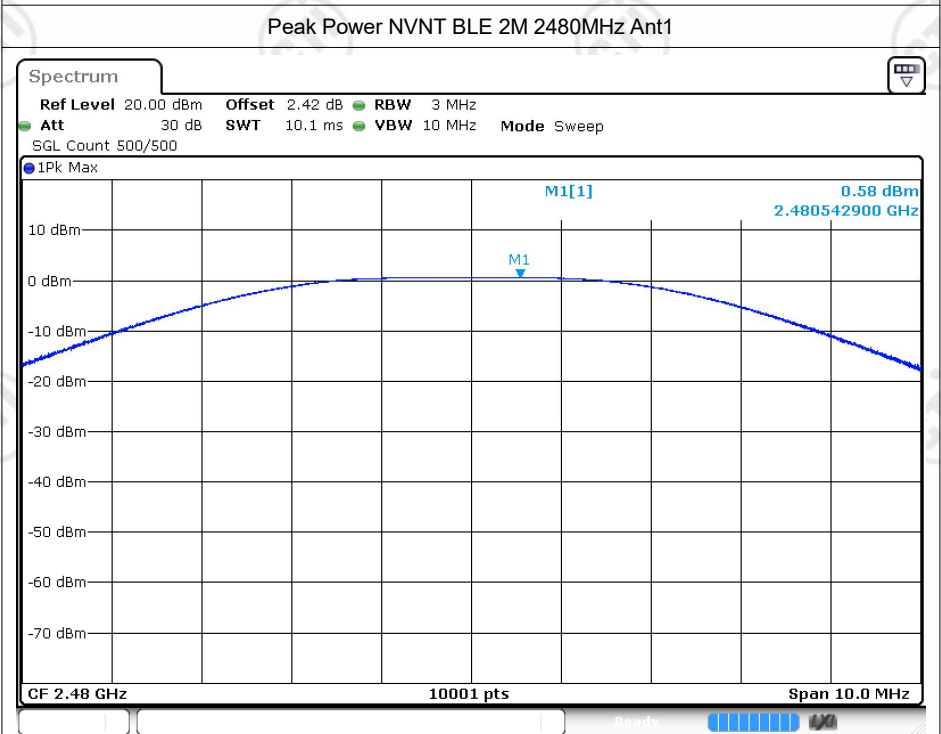
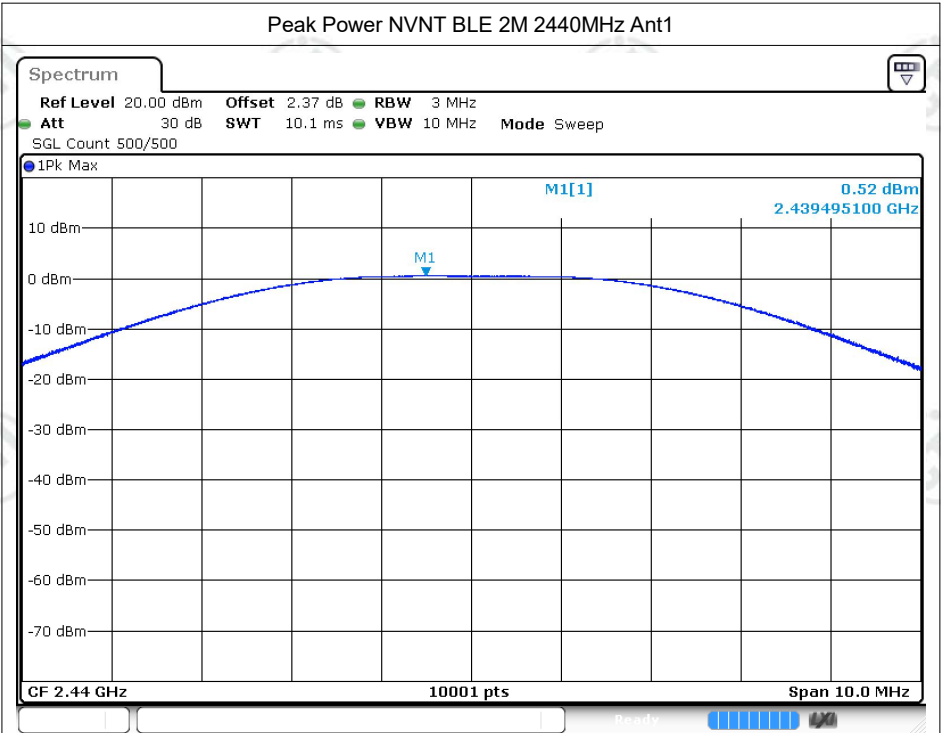
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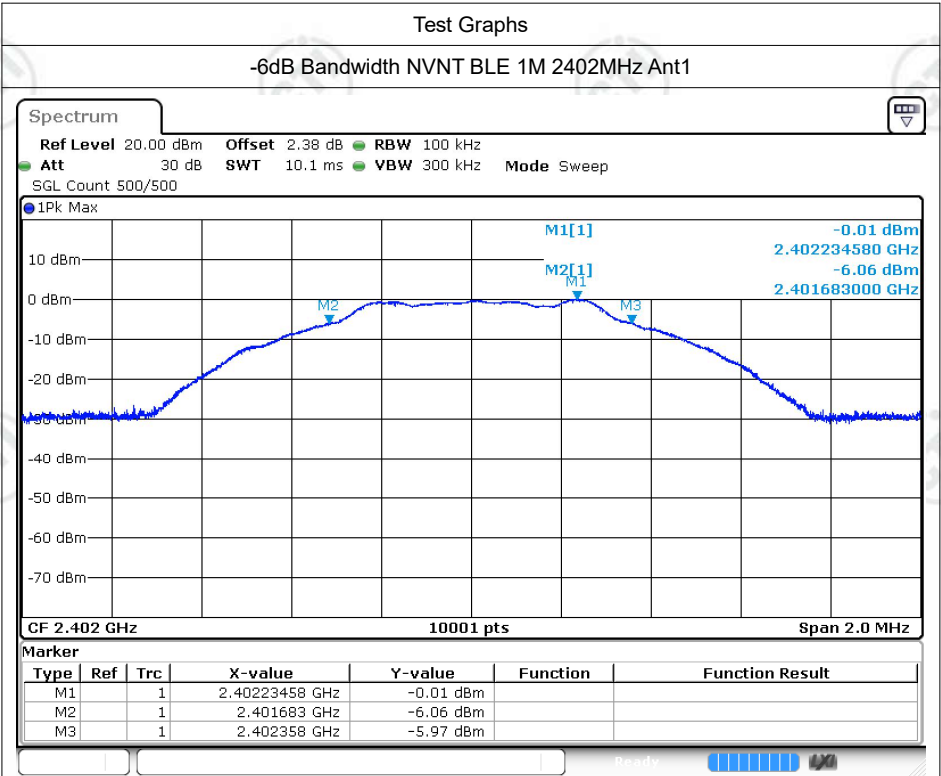


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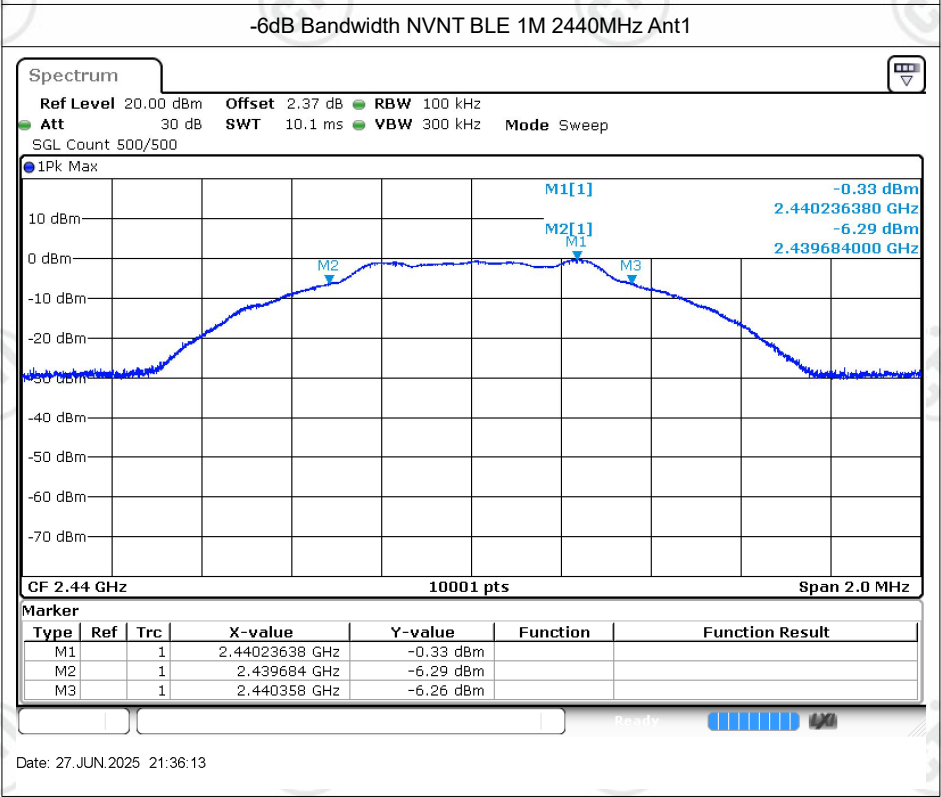


-6dB Bandwidth

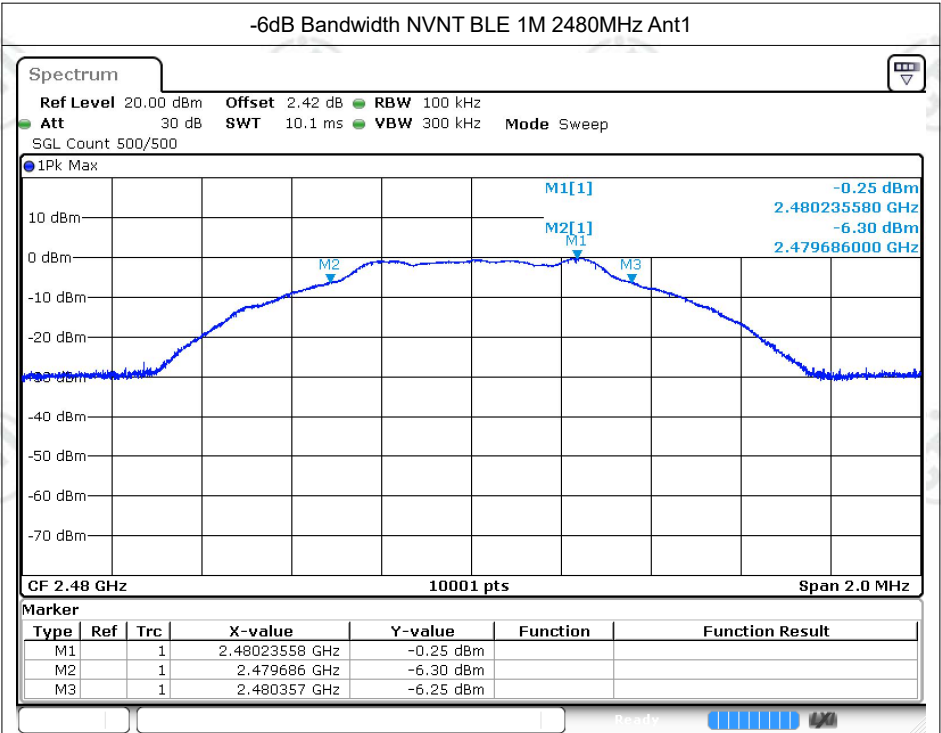
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.675	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.675	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.672	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.316	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.333	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.329	0.5	Pass



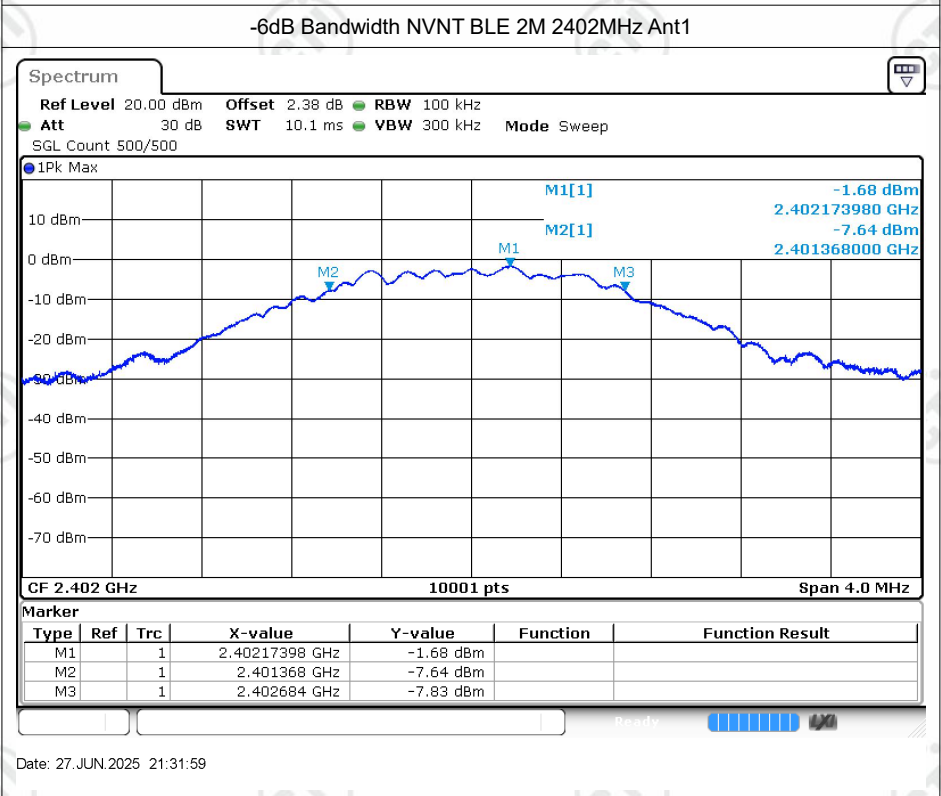
Date: 27.JUN.2025 21:38:13



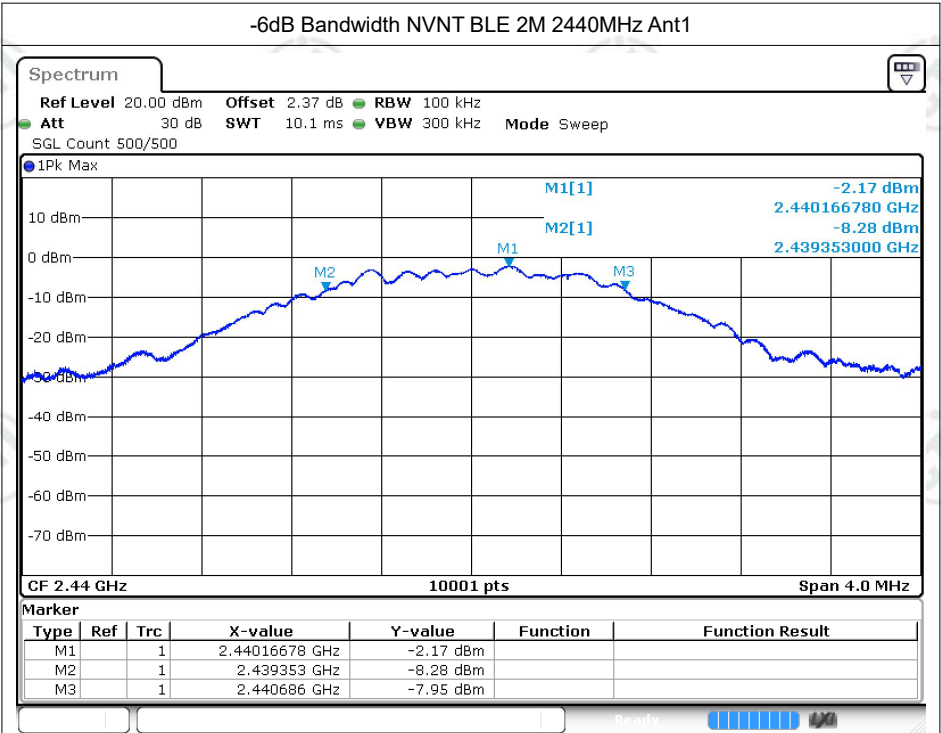
Date: 27.JUN.2025 21:36:13



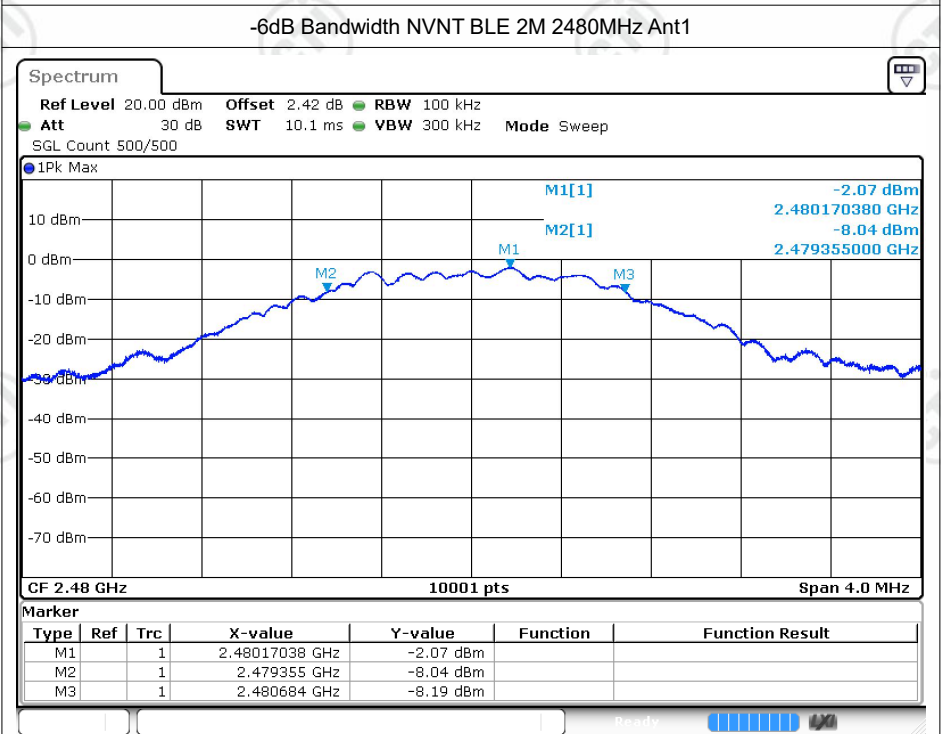
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Date: 27 JUN.2025 21:31:59



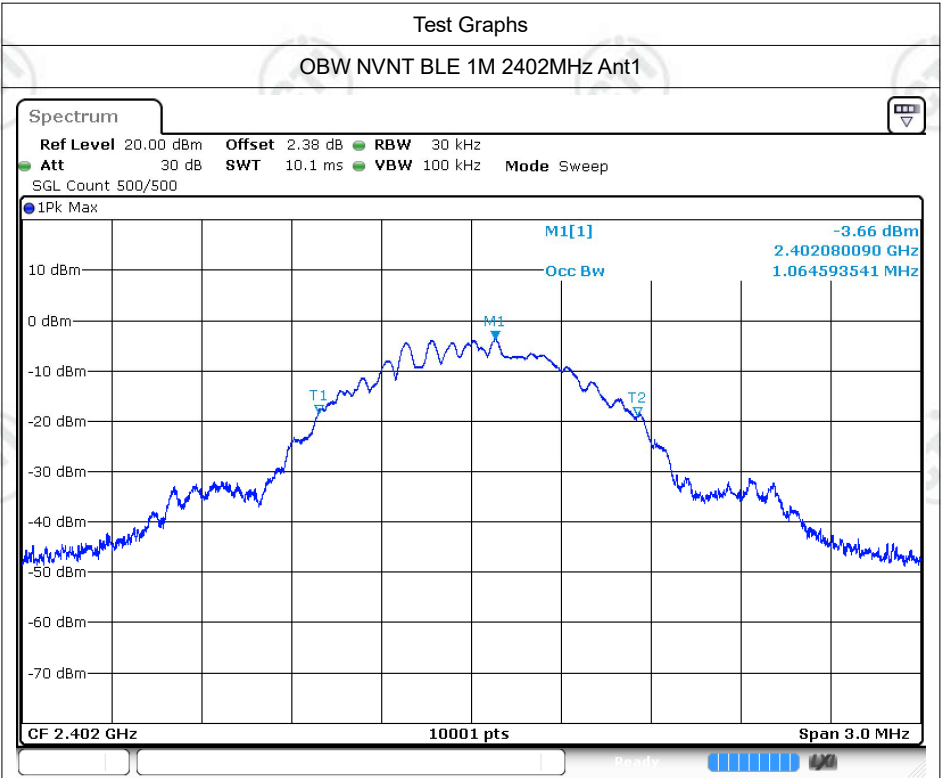
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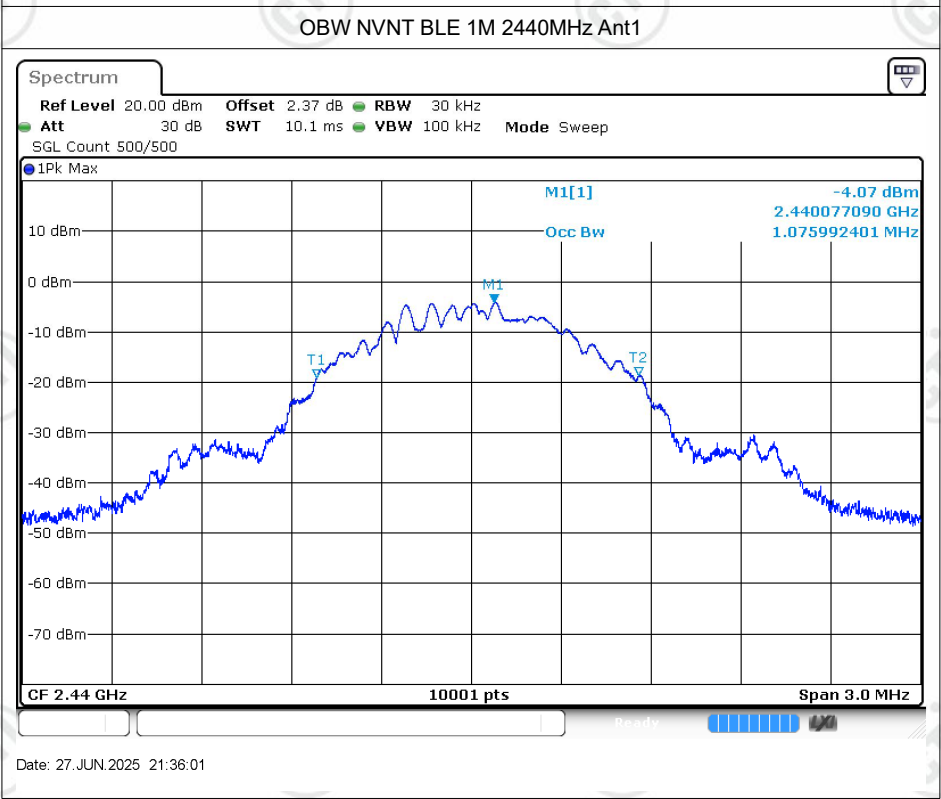
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Occupied Channel Bandwidth

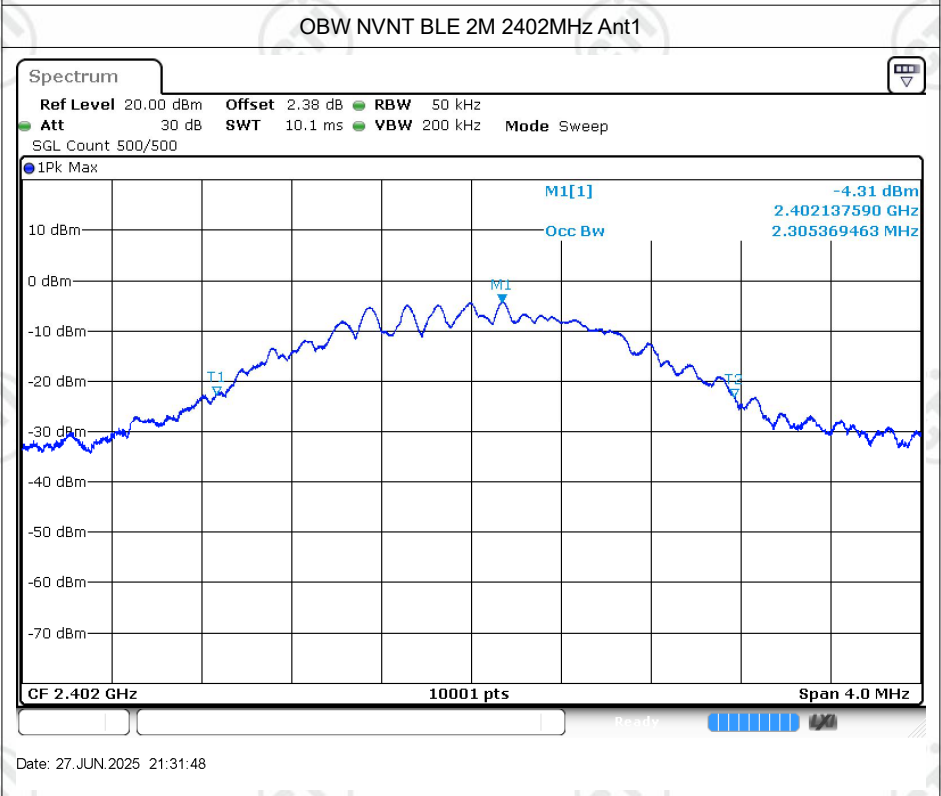
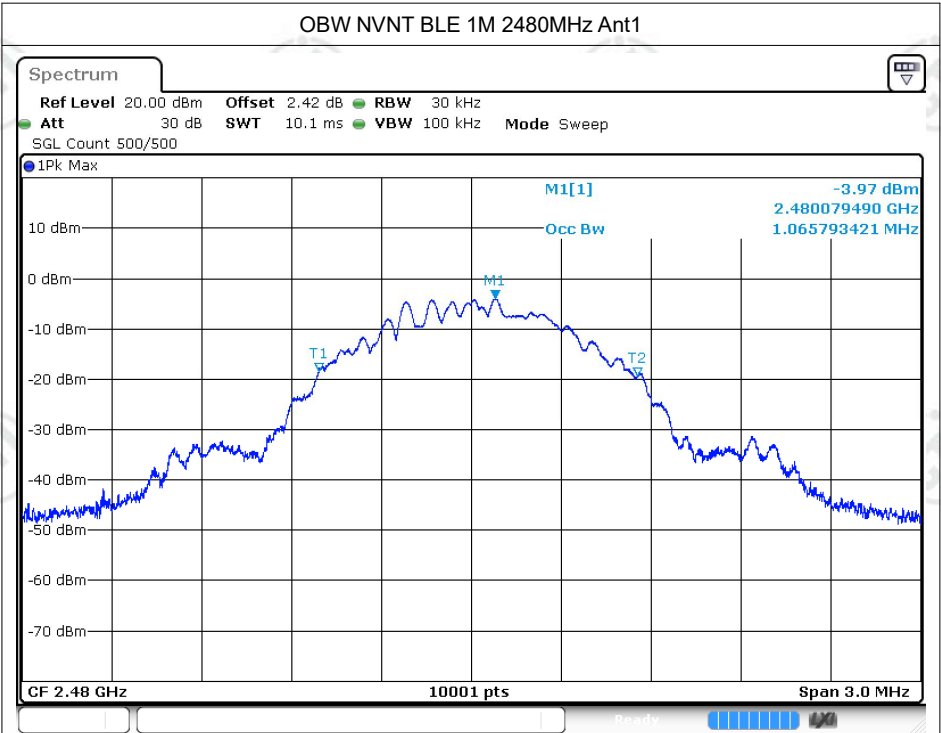
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.065
NVNT	BLE 1M	2440	Ant1	1.076
NVNT	BLE 1M	2480	Ant1	1.066
NVNT	BLE 2M	2402	Ant1	2.305
NVNT	BLE 2M	2440	Ant1	2.357
NVNT	BLE 2M	2480	Ant1	2.405

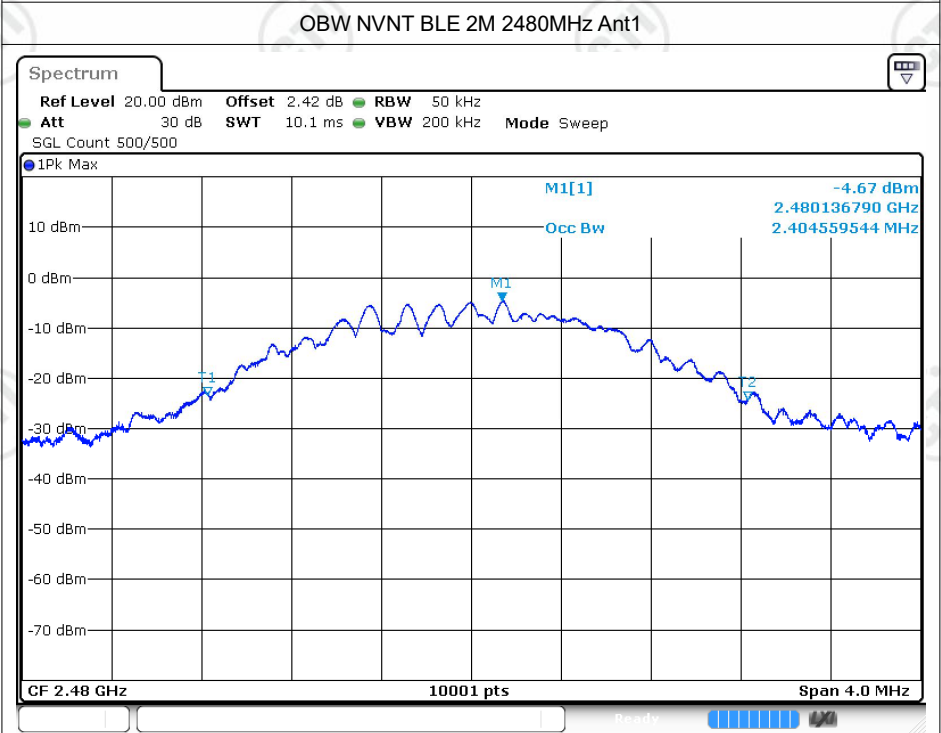
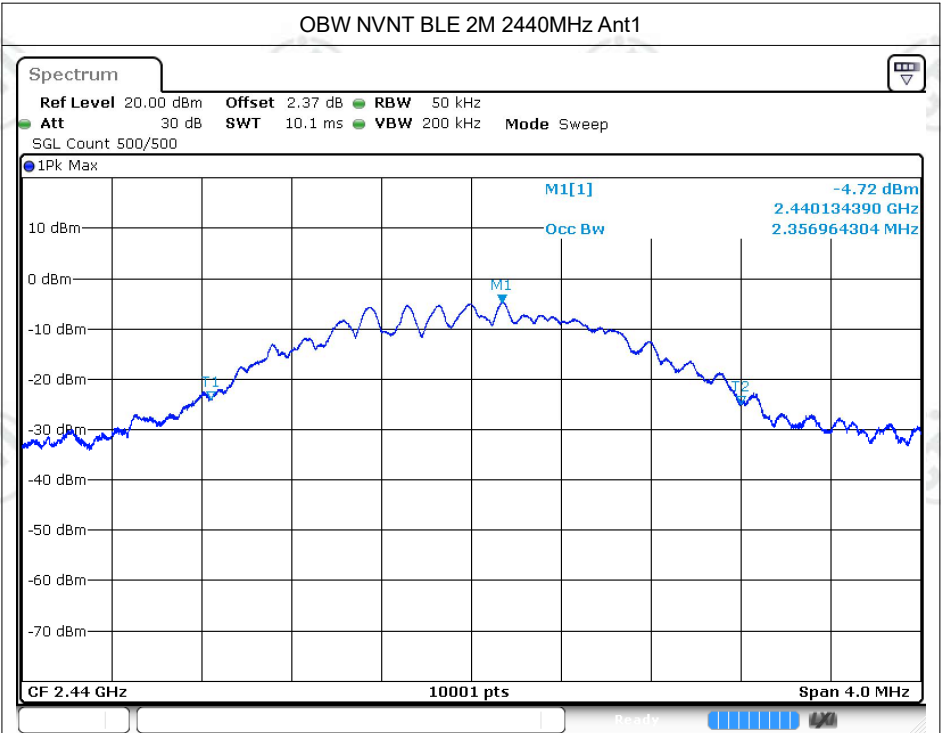


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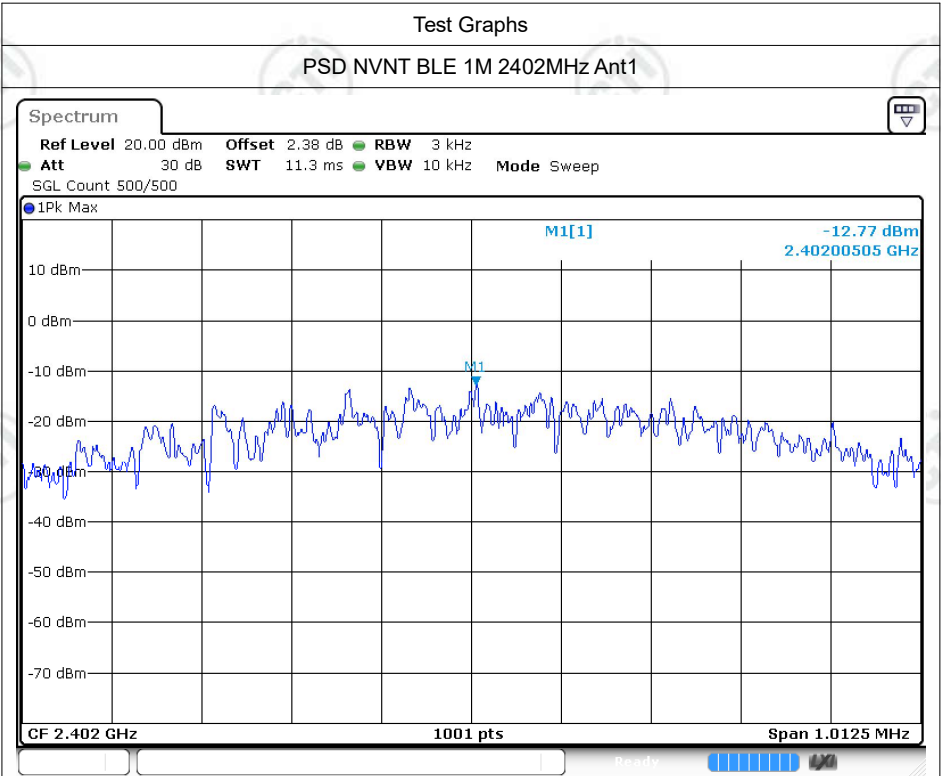
Date: 27 JUN 2025 21:36:01



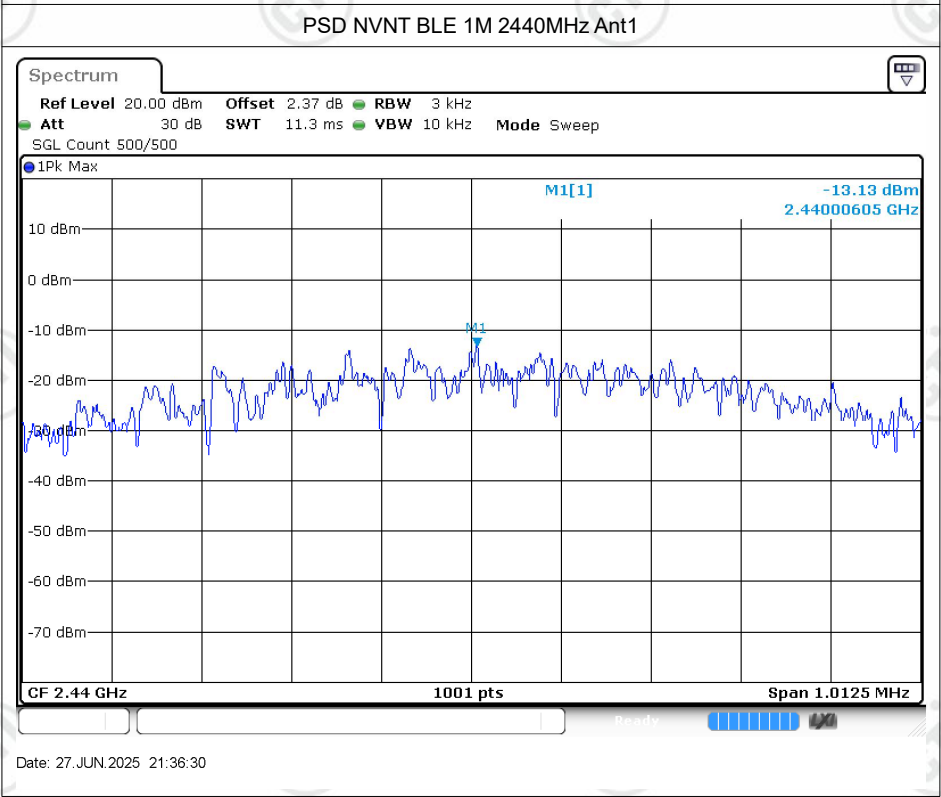


Maximum Power Spectral Density Level

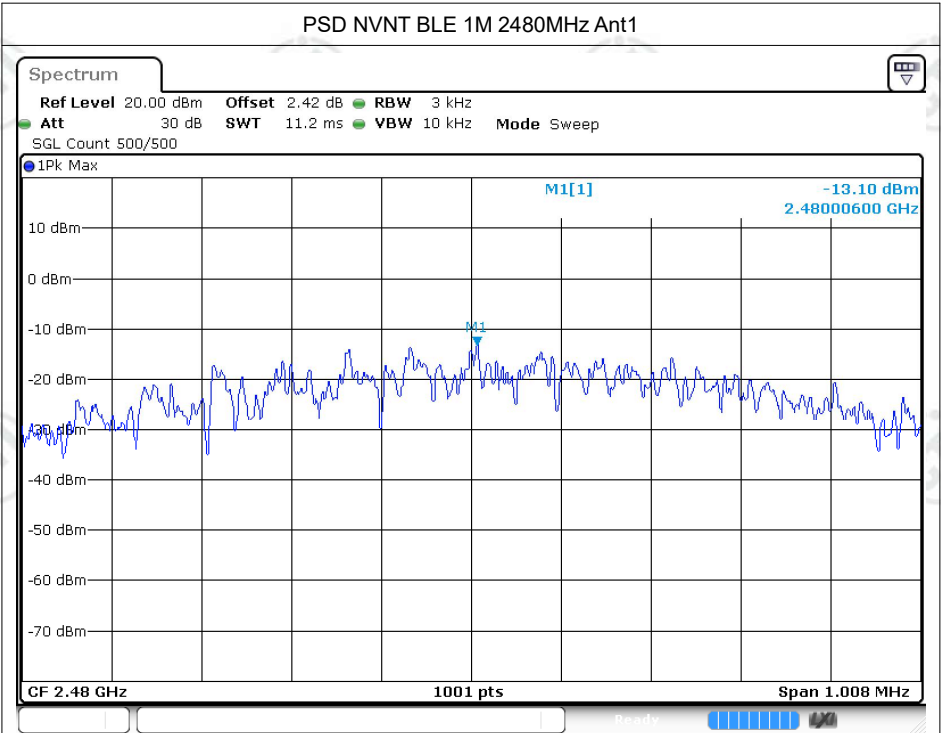
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.77	8	Pass
NVNT	BLE 1M	2440	Ant1	-13.13	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.1	8	Pass
NVNT	BLE 2M	2402	Ant1	-16.38	8	Pass
NVNT	BLE 2M	2440	Ant1	-16.86	8	Pass
NVNT	BLE 2M	2480	Ant1	-16.84	8	Pass



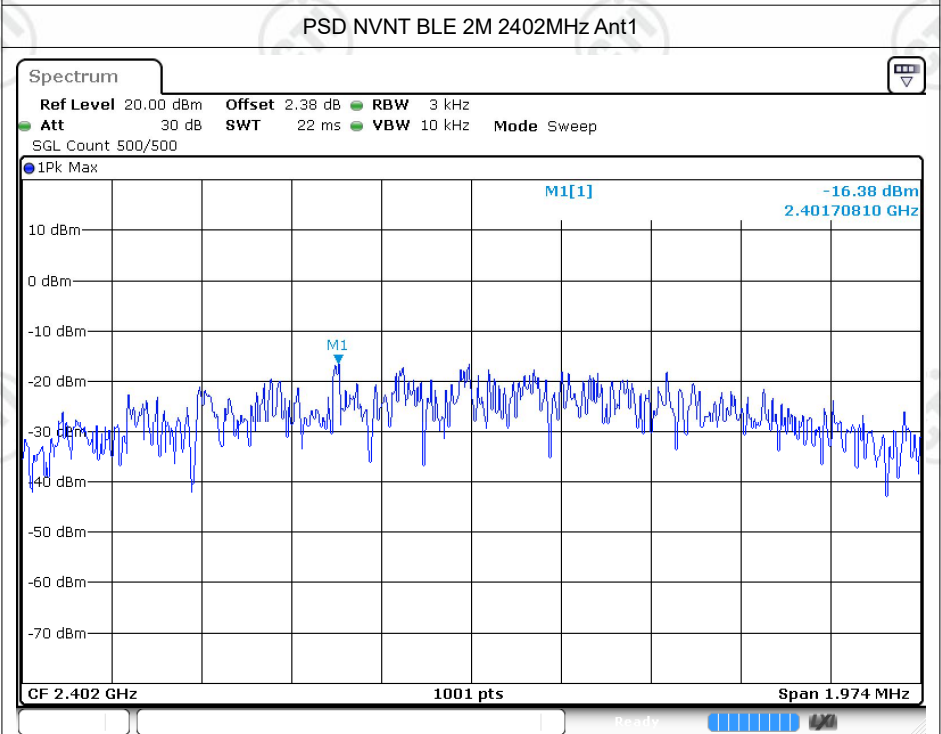
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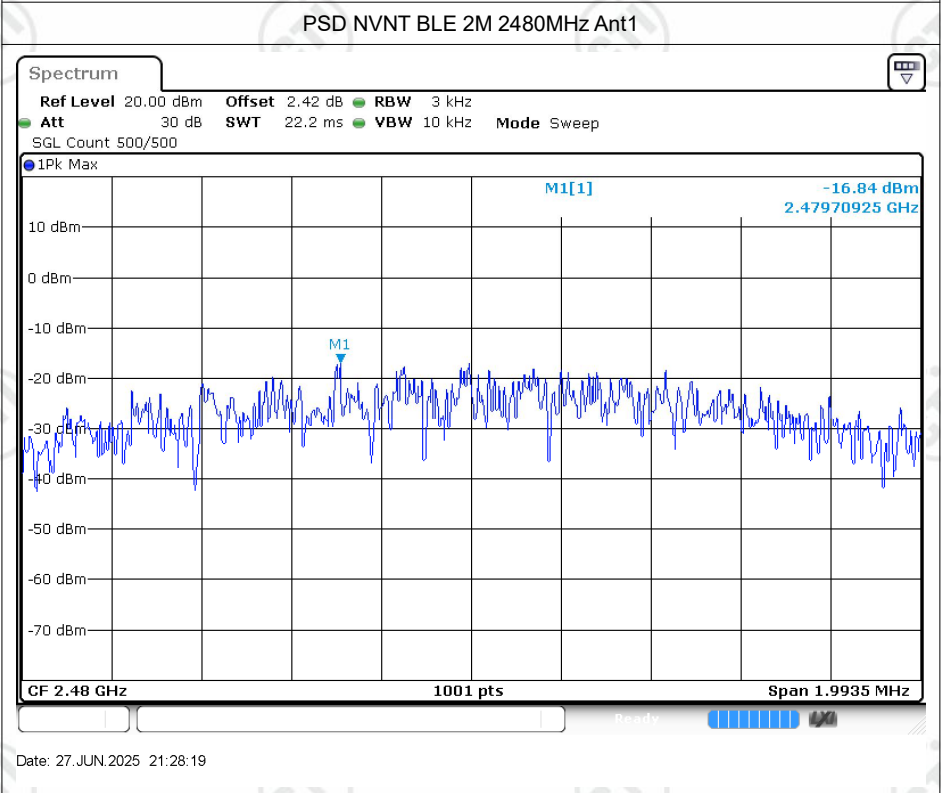
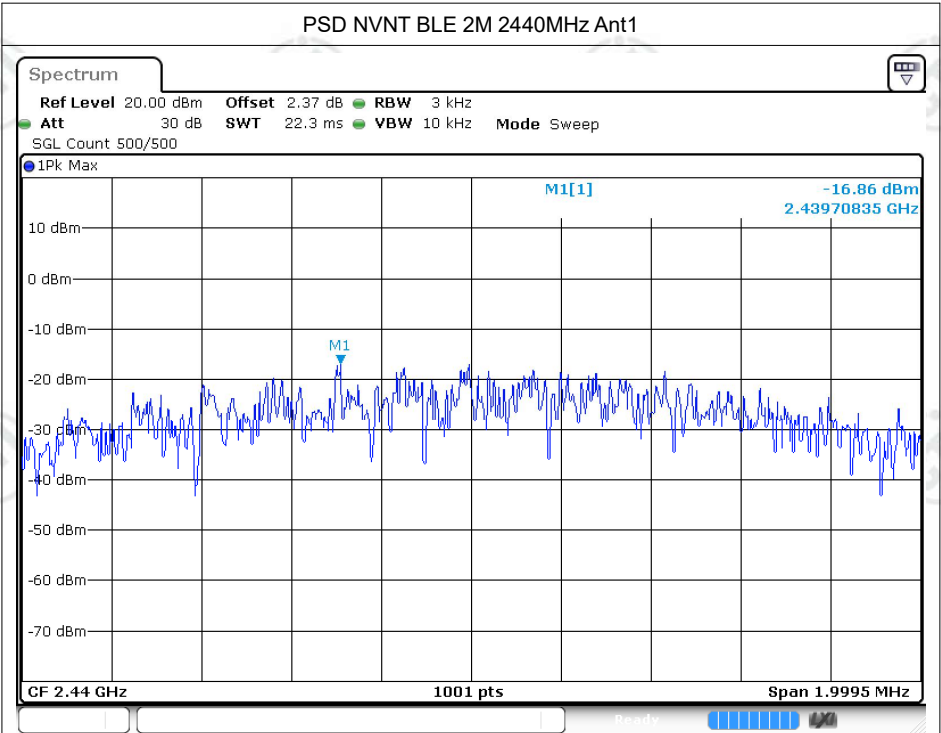
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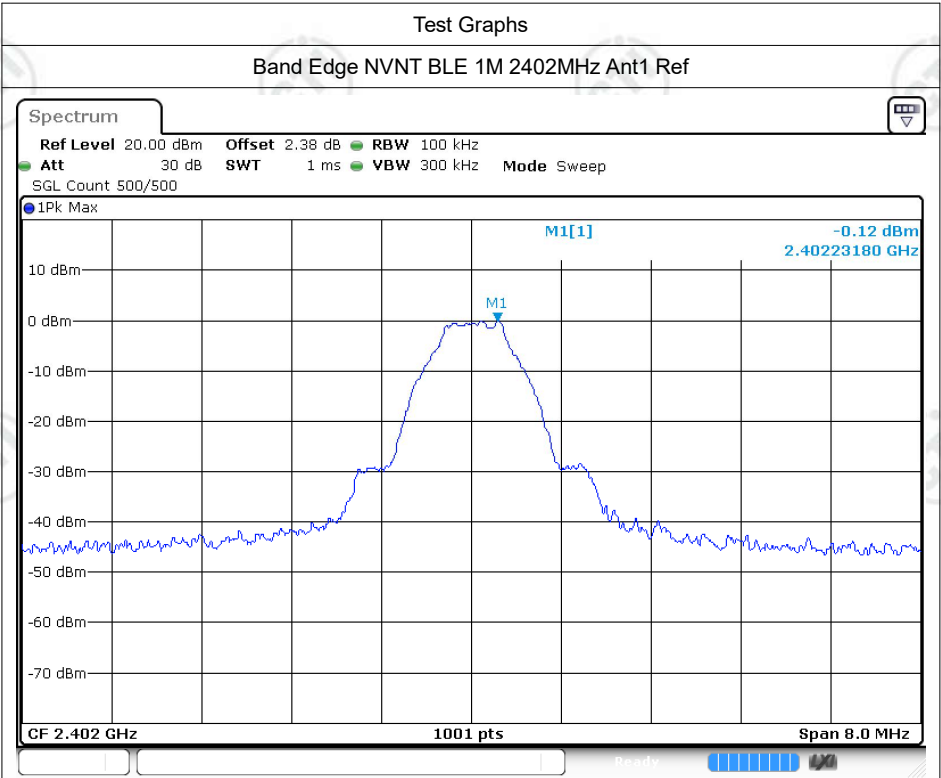


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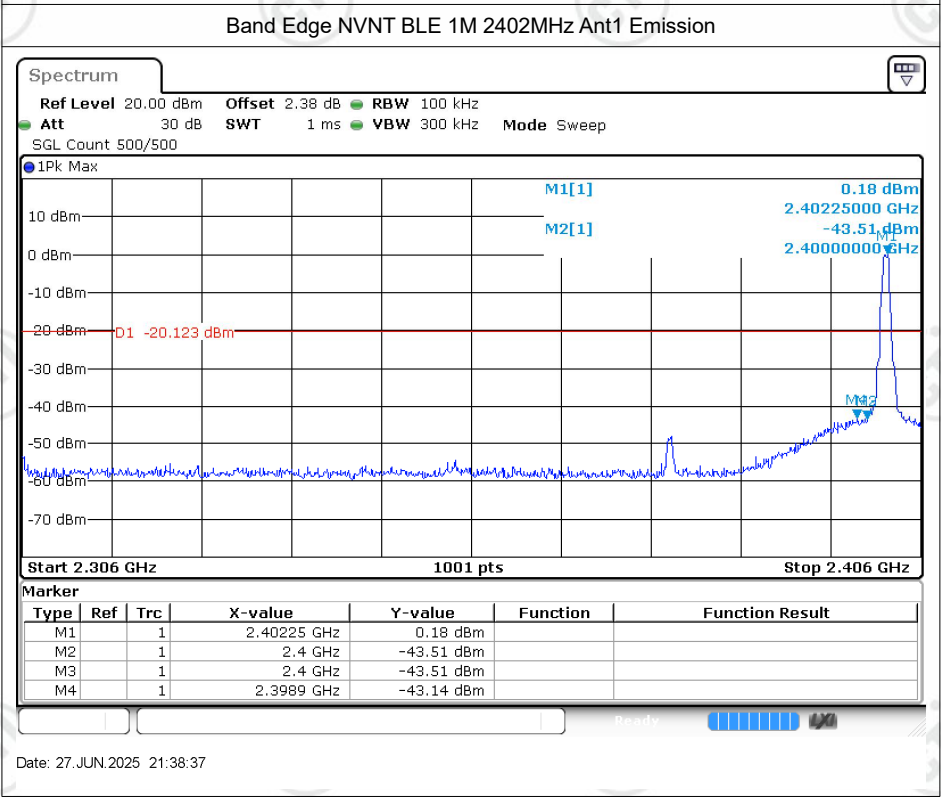


Band Edge

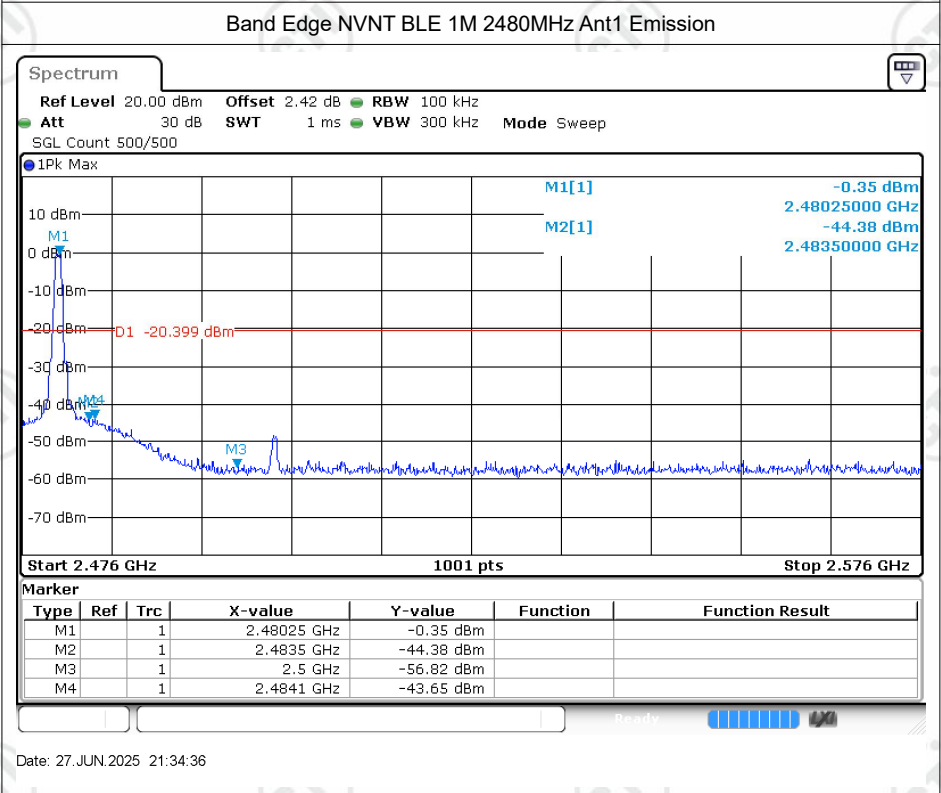
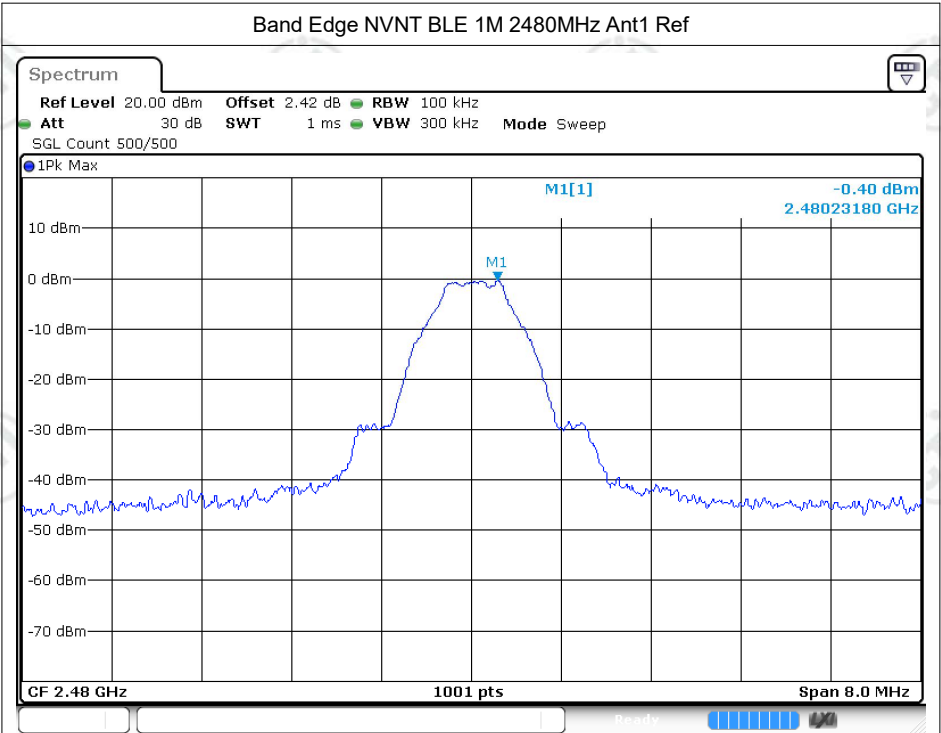
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-43.01	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.25	-20	Pass
NVNT	BLE 2M	2402	Ant1	-26.86	-20	Pass
NVNT	BLE 2M	2480	Ant1	-31.2	-20	Pass

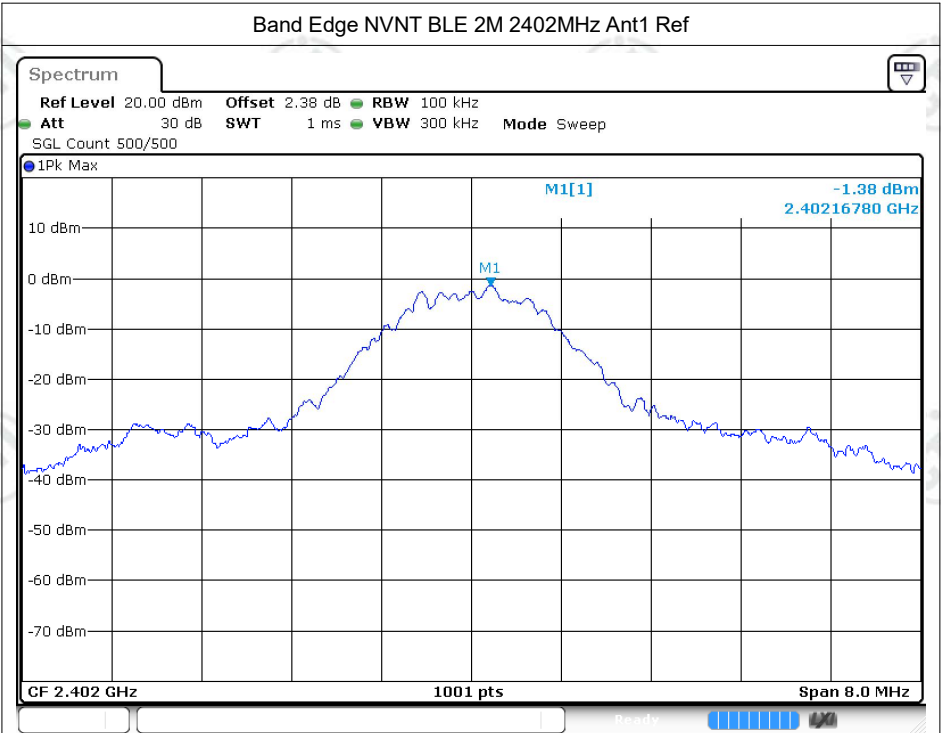


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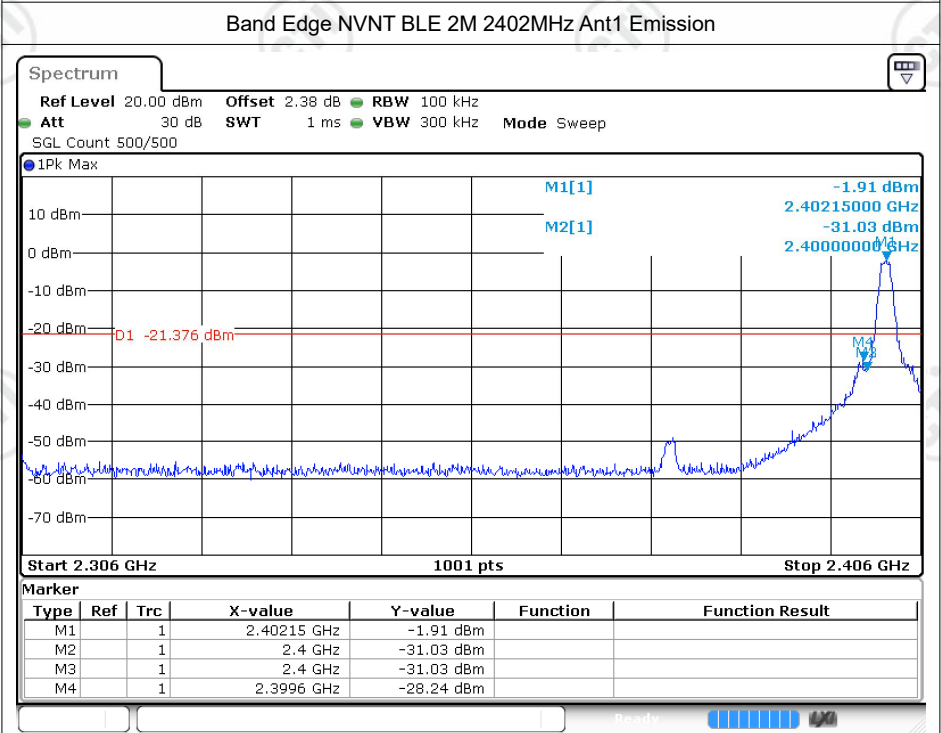


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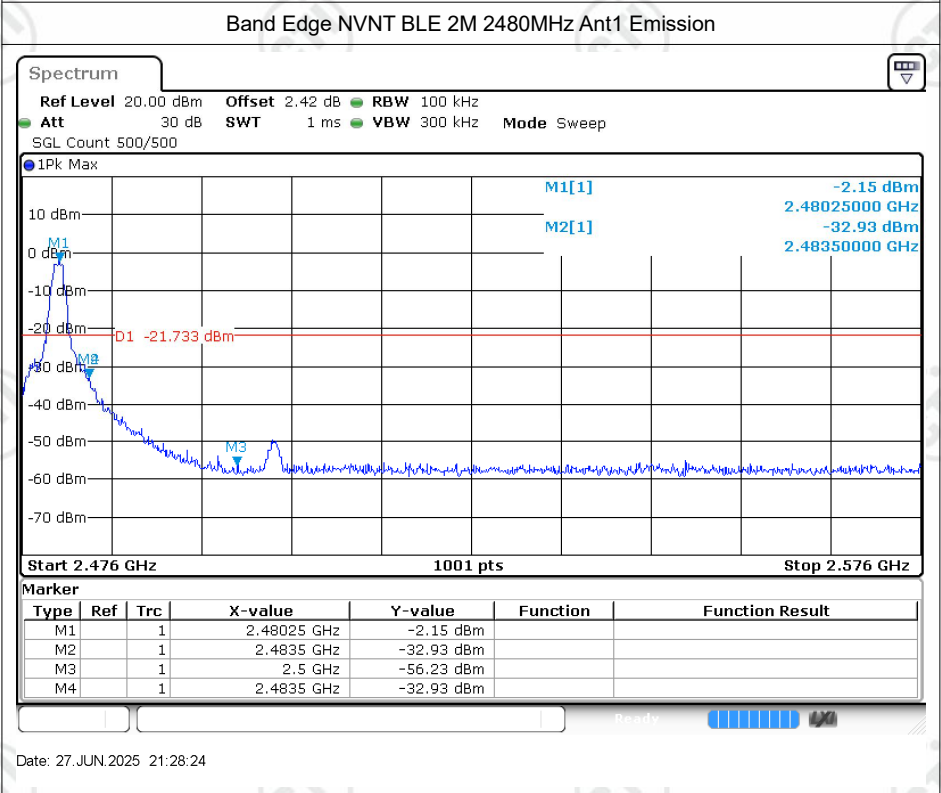
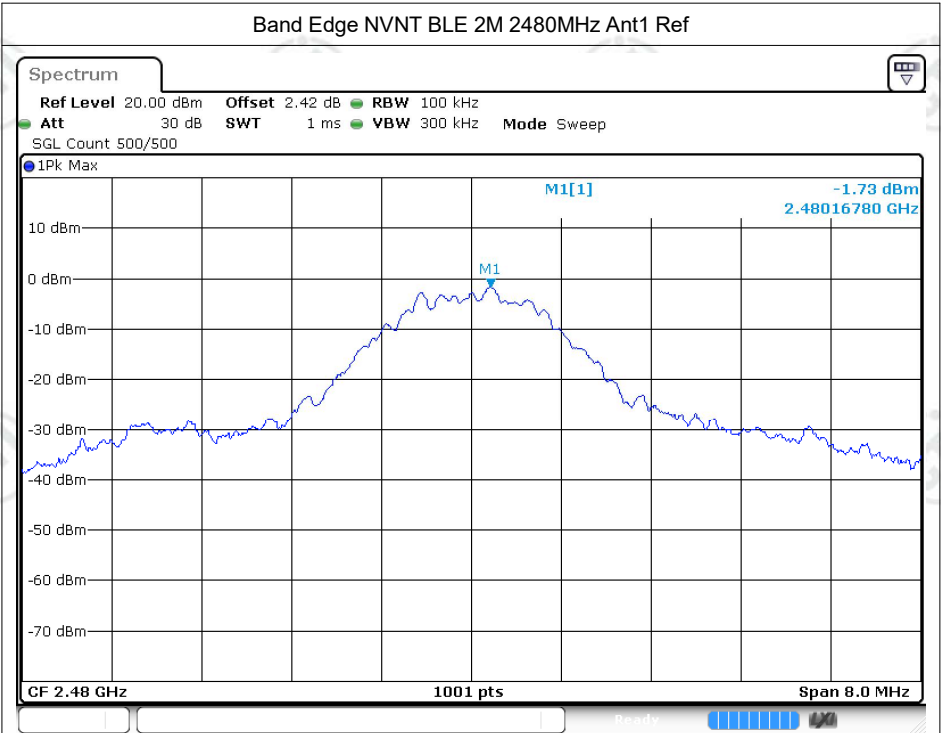




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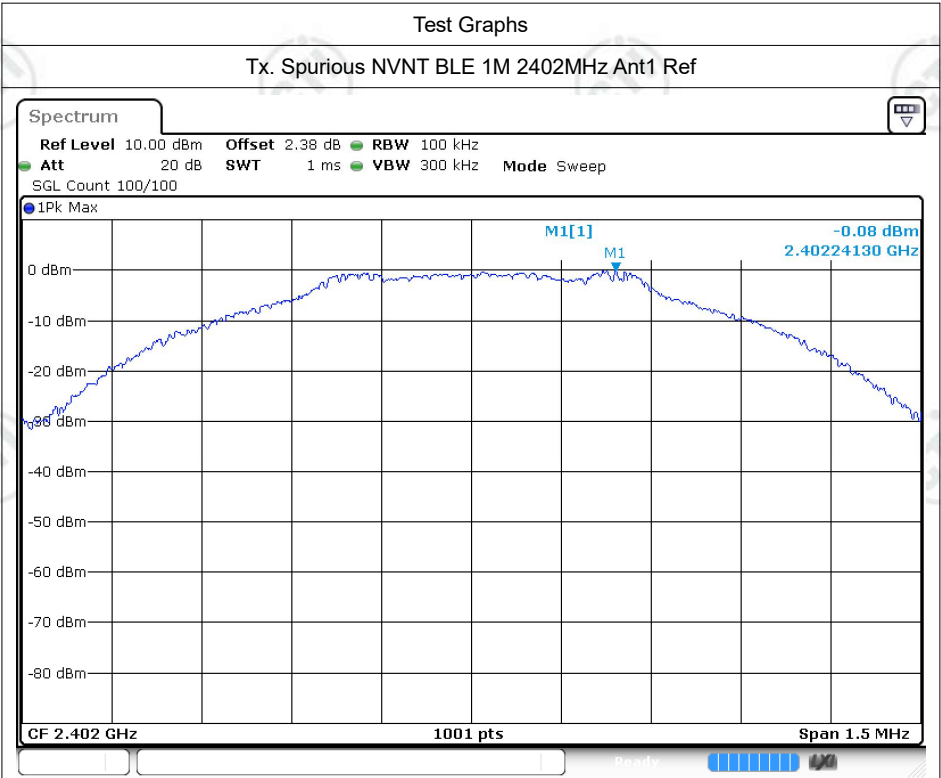


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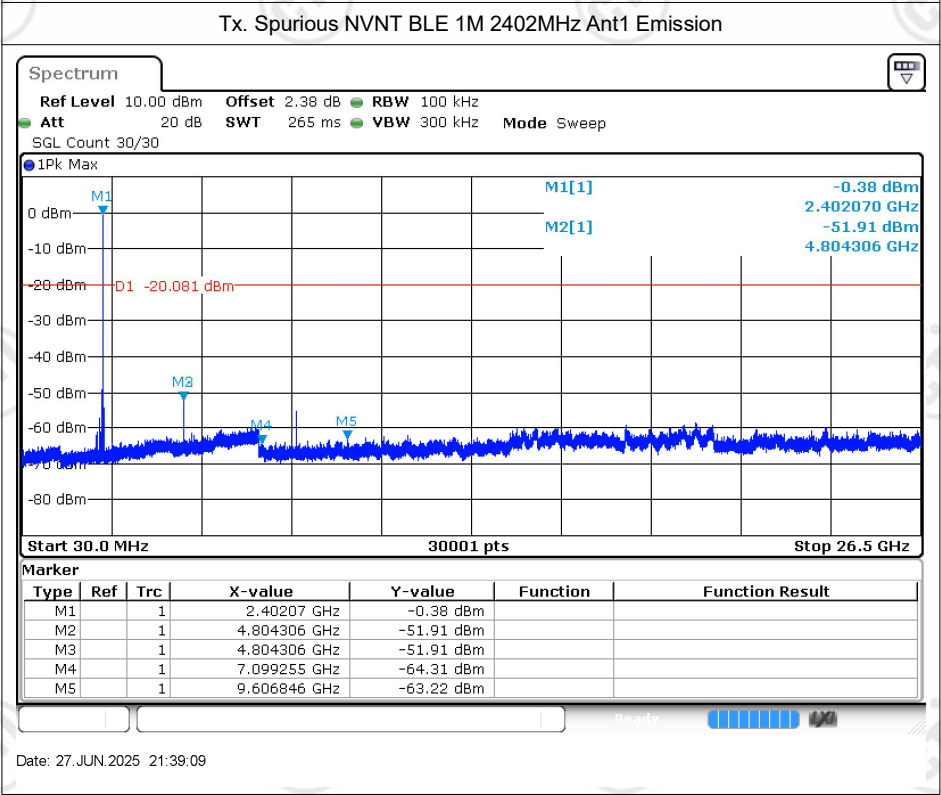


Conducted RF Spurious Emission

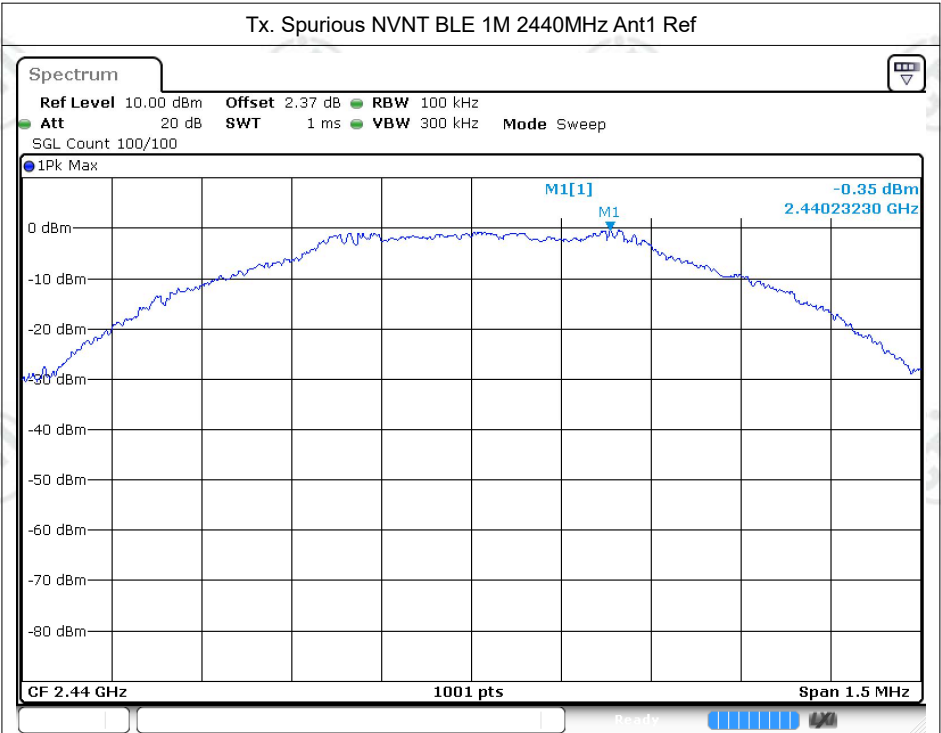
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-51.82	-20	Pass
NVNT	BLE 1M	2440	Ant1	-50.77	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.18	-20	Pass
NVNT	BLE 2M	2402	Ant1	-51.7	-20	Pass
NVNT	BLE 2M	2440	Ant1	-50.69	-20	Pass
NVNT	BLE 2M	2480	Ant1	-50.38	-20	Pass



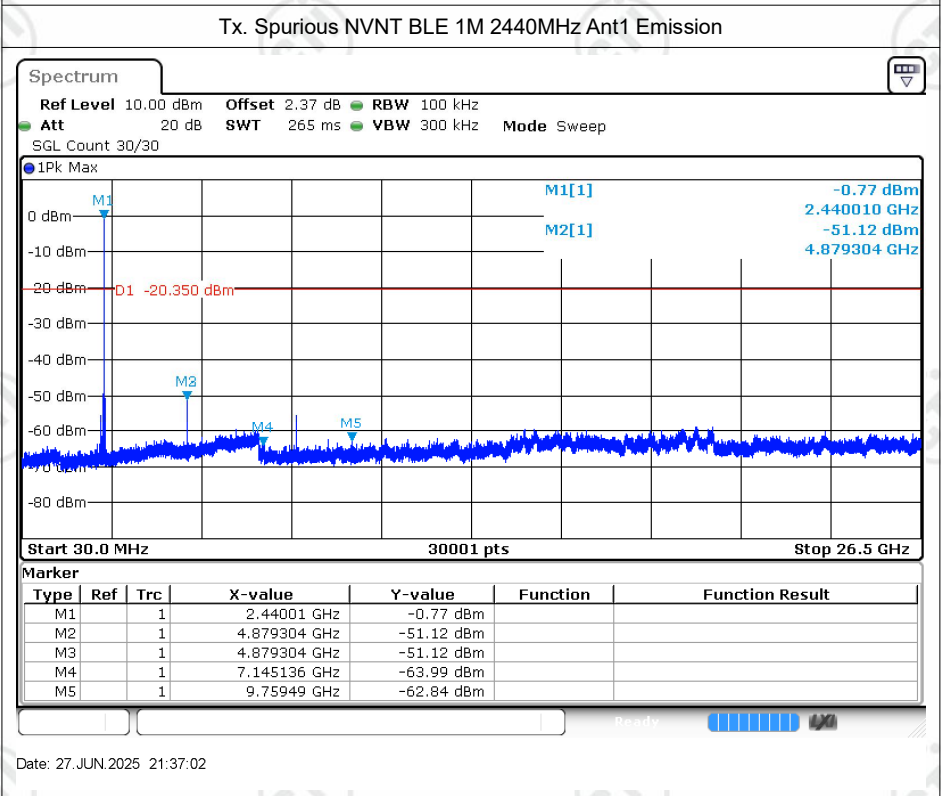
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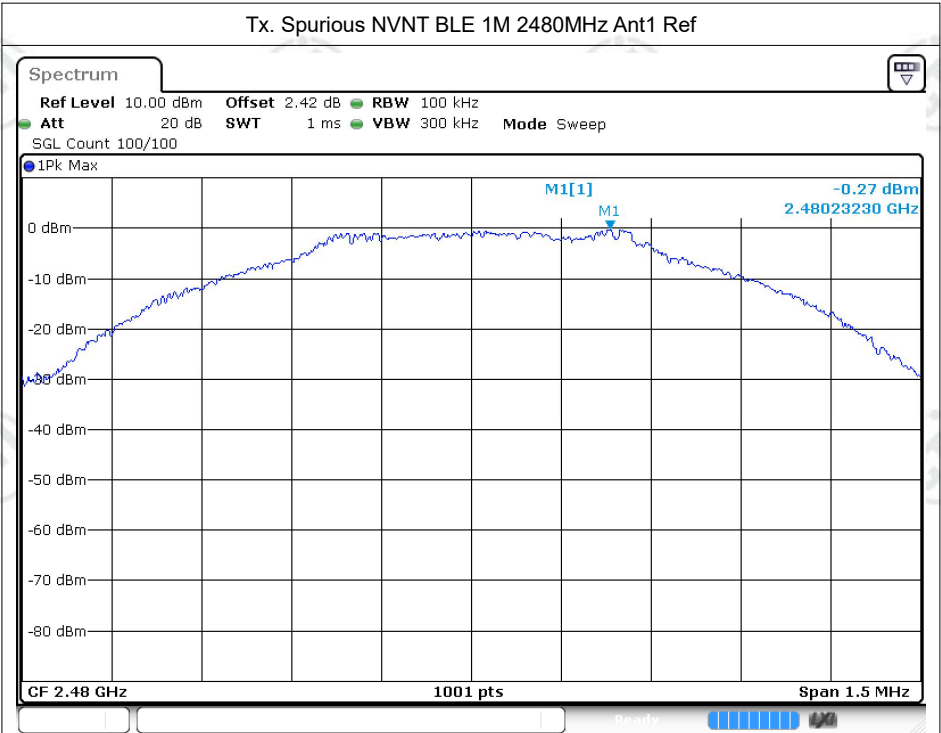


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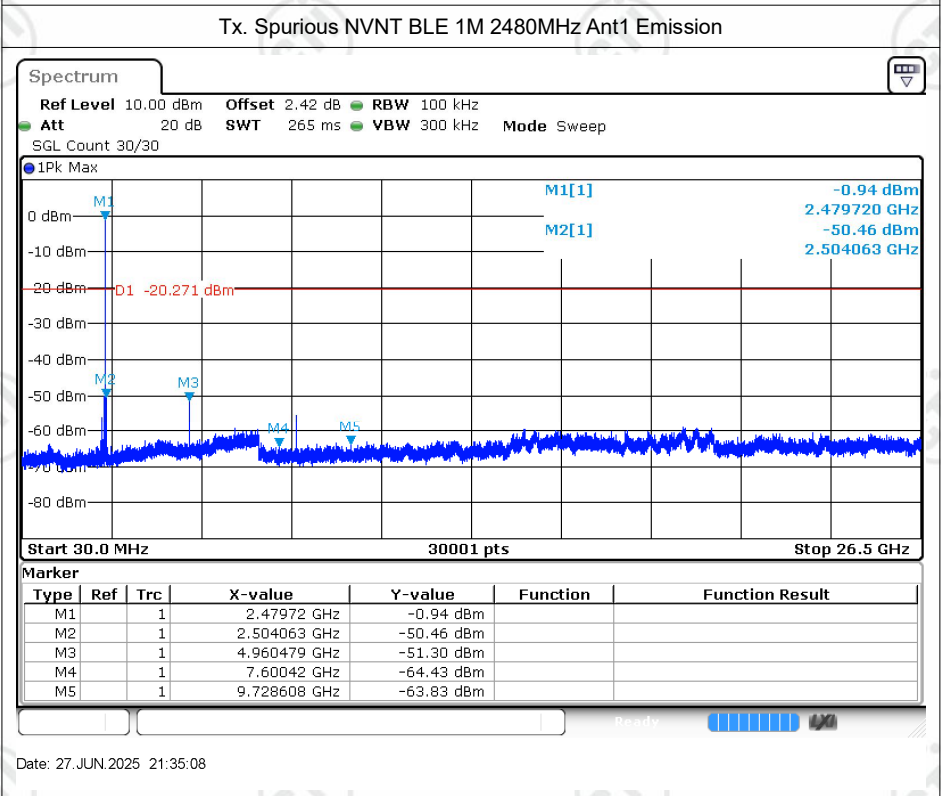


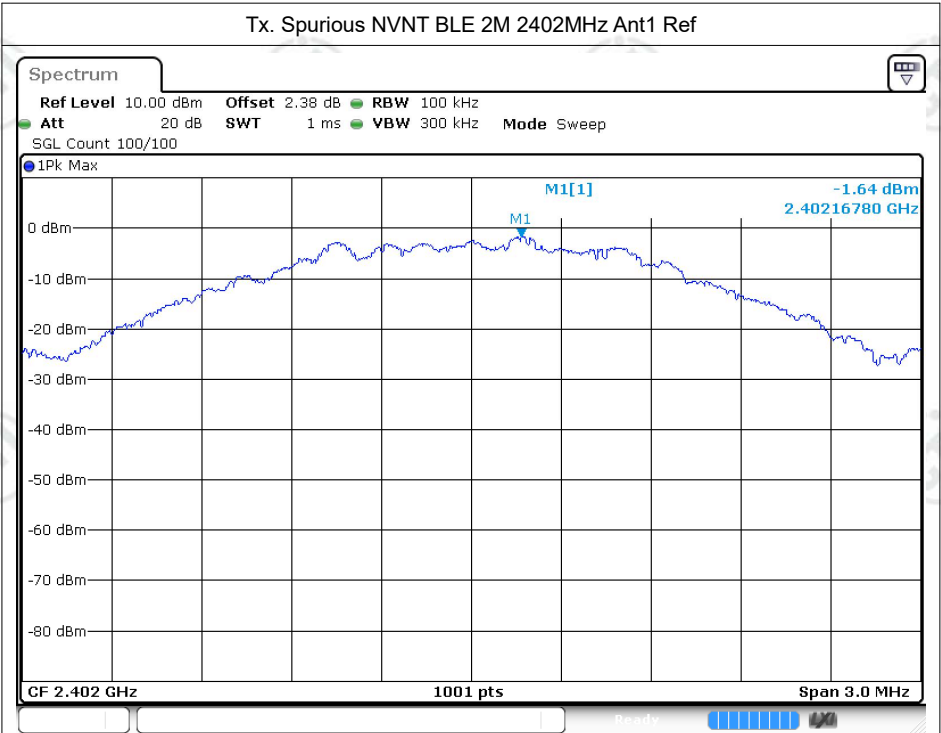
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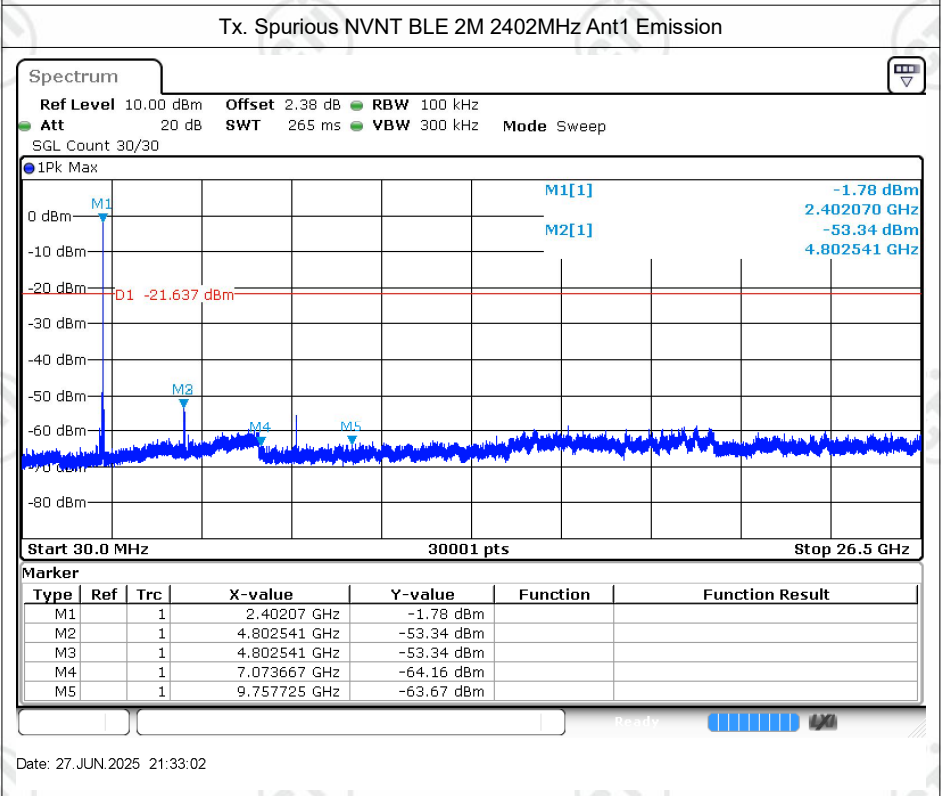


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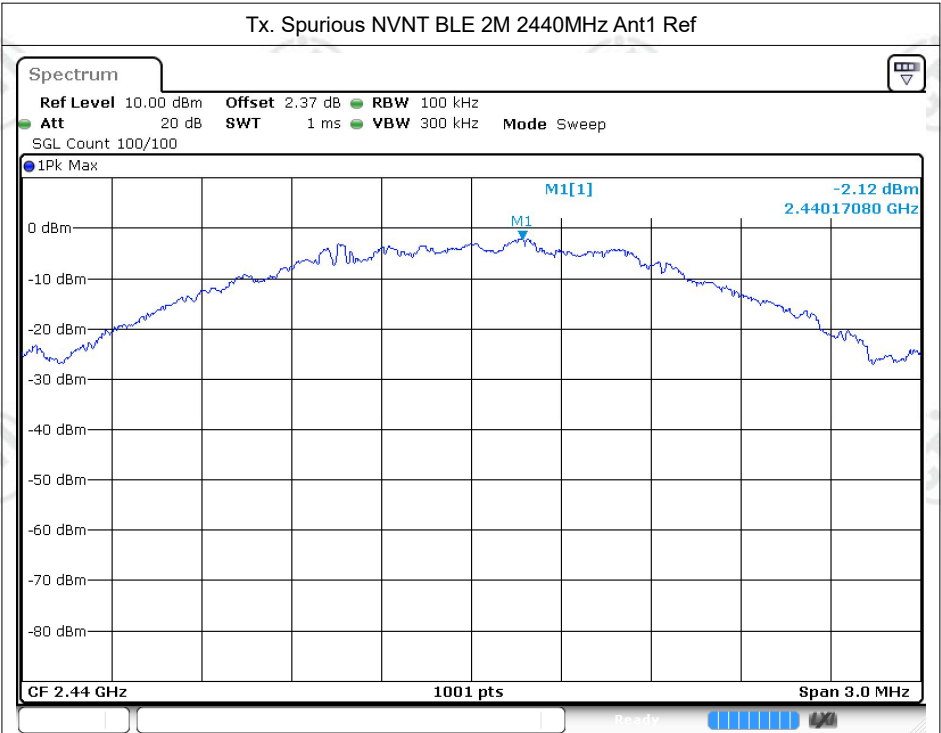




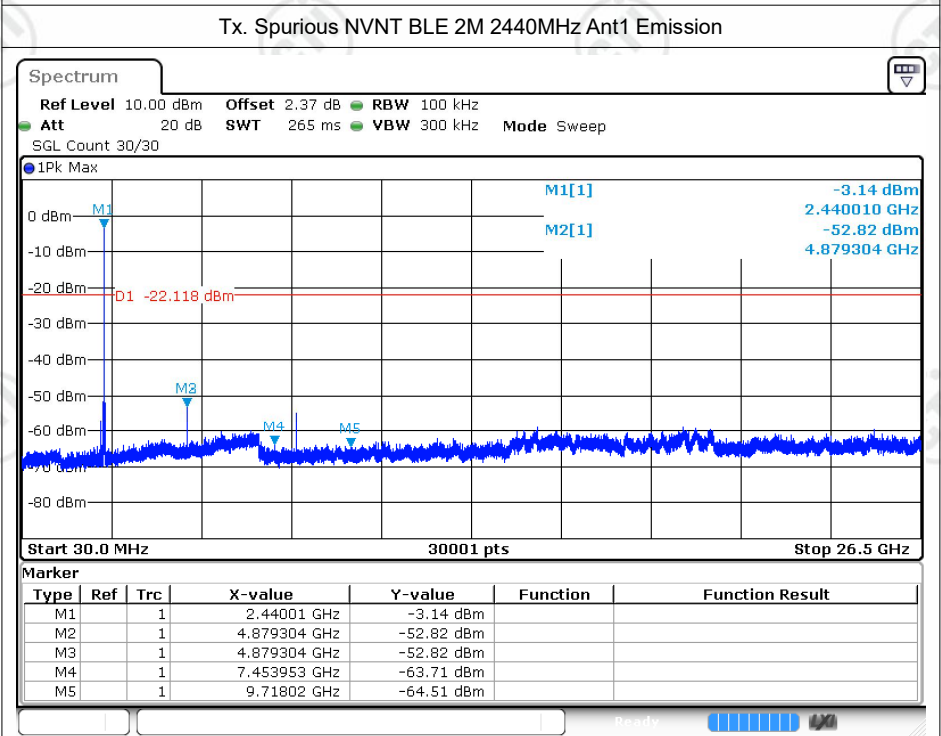
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