

Appendix: Bluetooth LE

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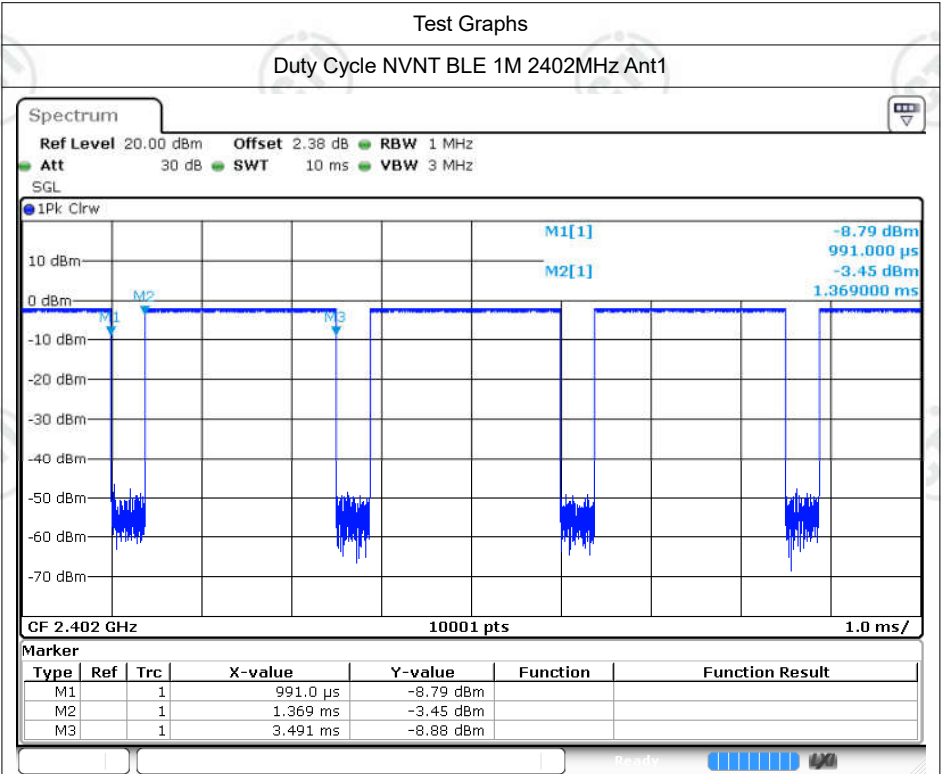
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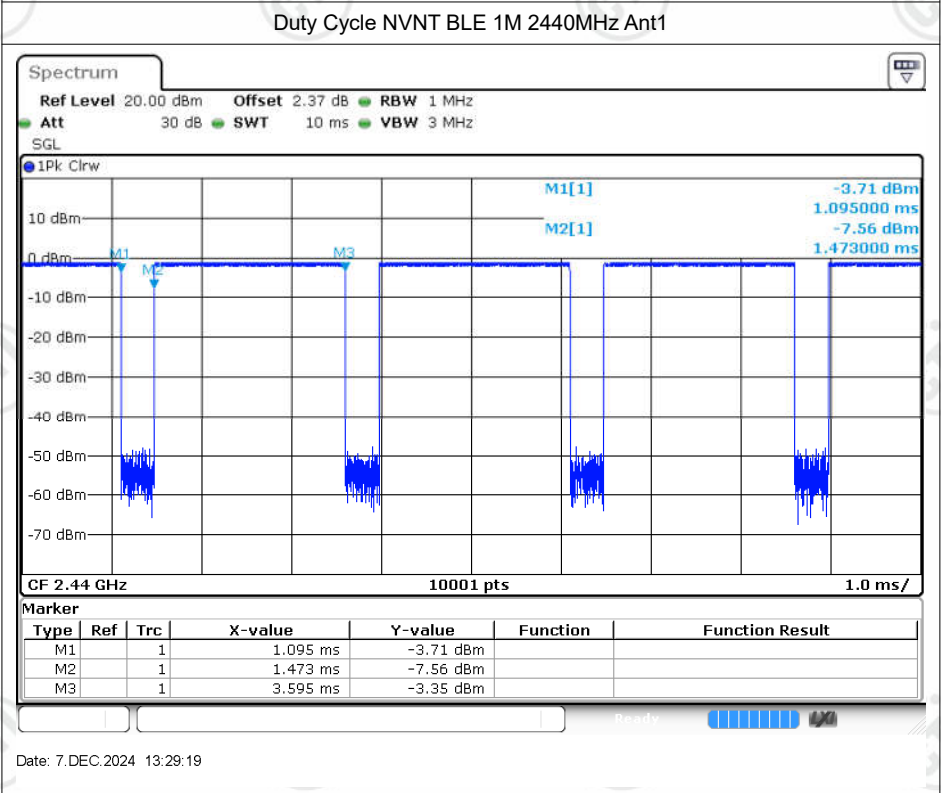
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	84.88	0.71	0.47
NVNT	BLE 1M	2440	Ant1	84.88	0.71	0.47
NVNT	BLE 1M	2480	Ant1	84.87	0.71	0.47
NVNT	BLE 2M	2402	Ant1	56.8	2.46	0.94
NVNT	BLE 2M	2440	Ant1	56.8	2.46	0.94
NVNT	BLE 2M	2480	Ant1	56.8	2.46	0.94

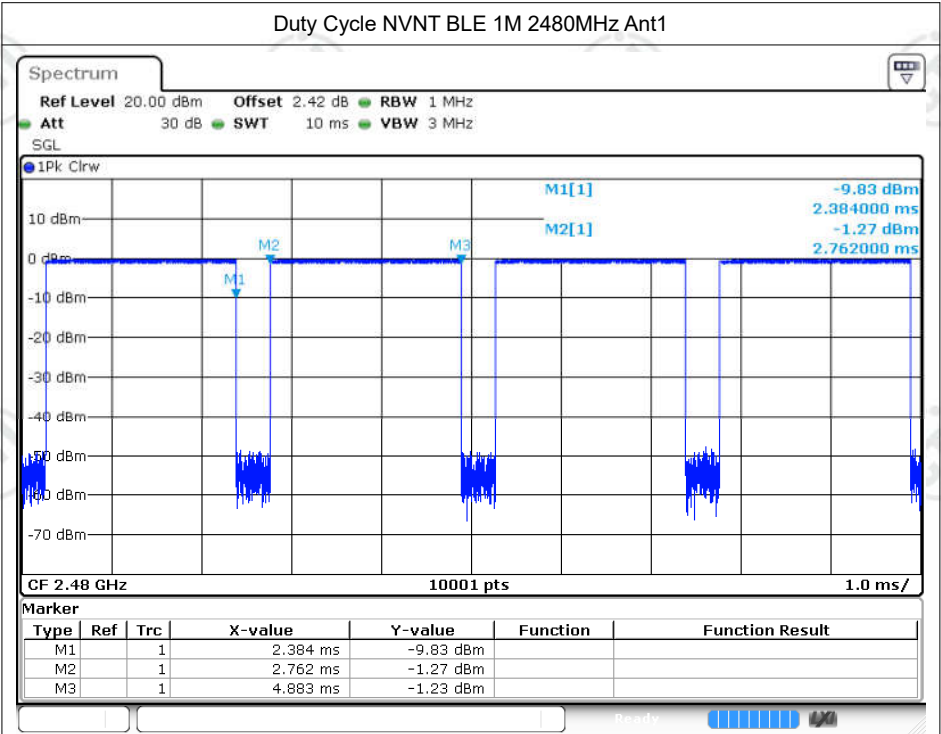
Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);



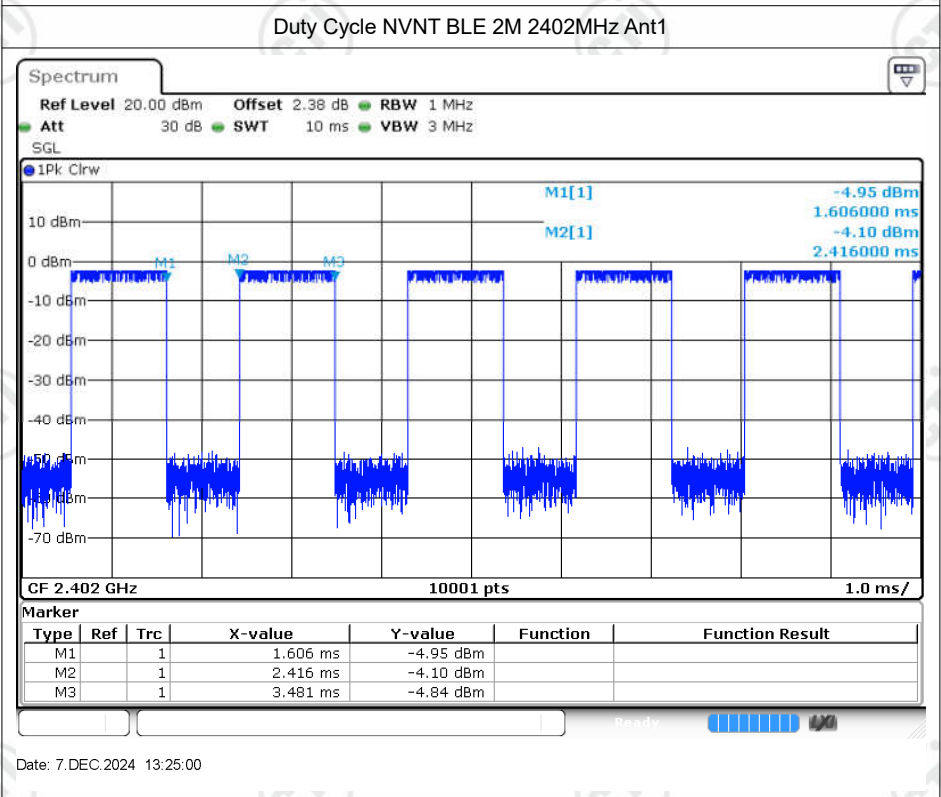
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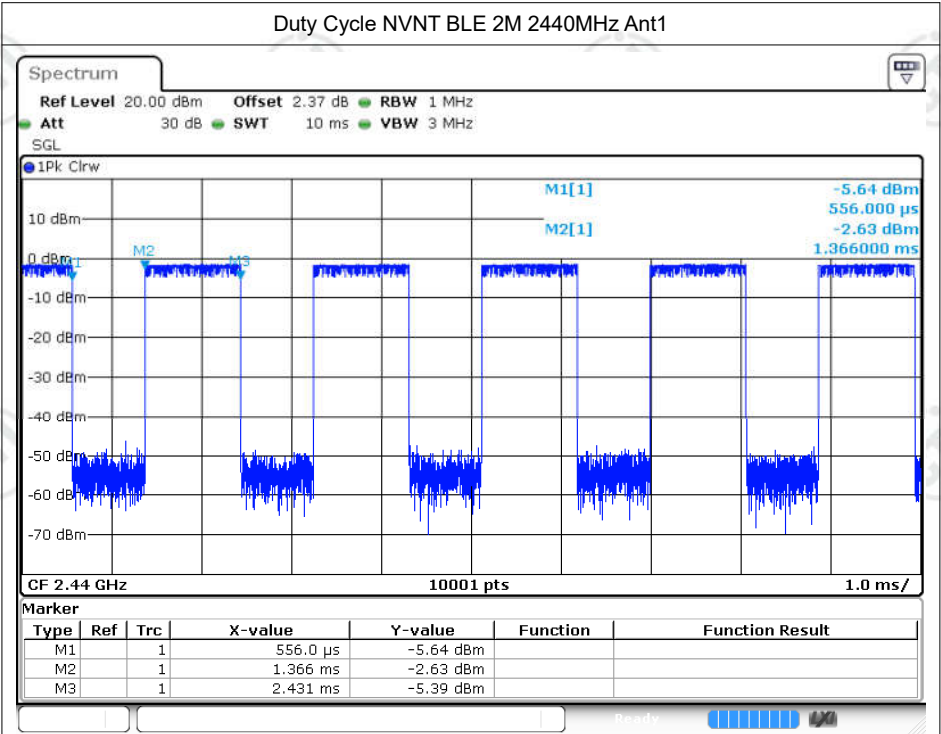
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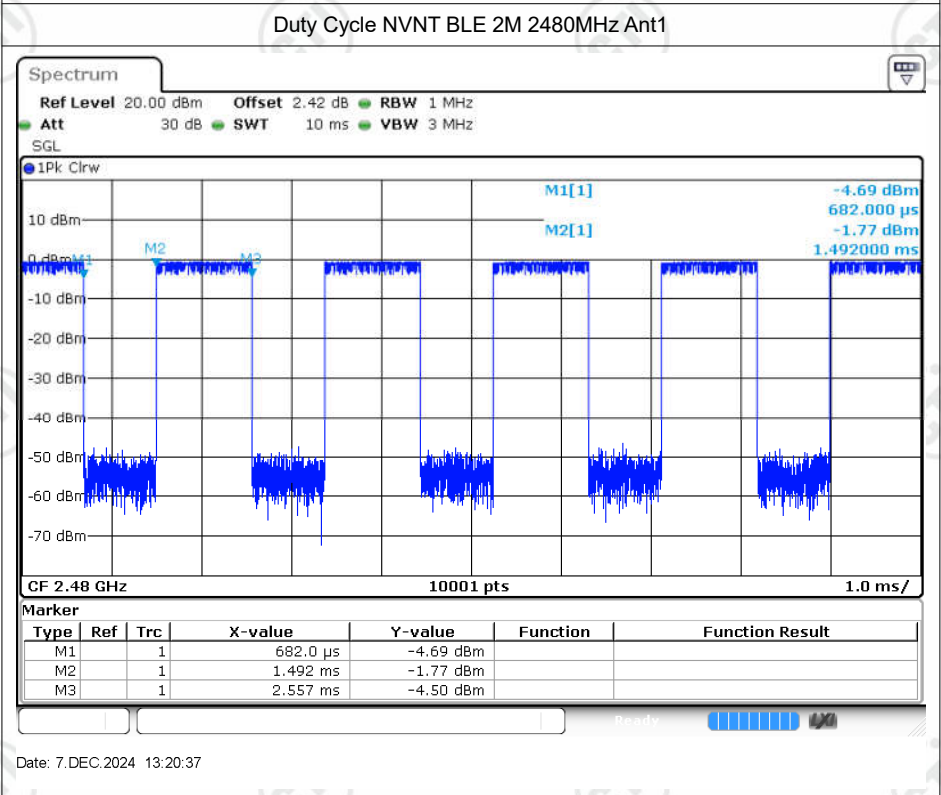
Date: 7.DEC.2024 13:27:21



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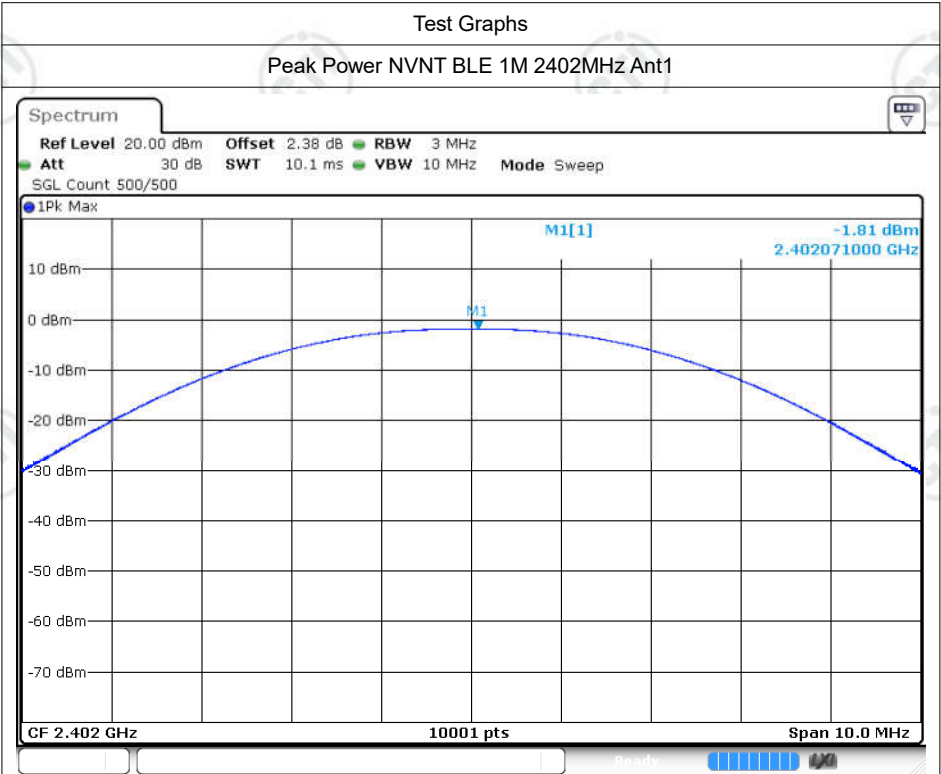
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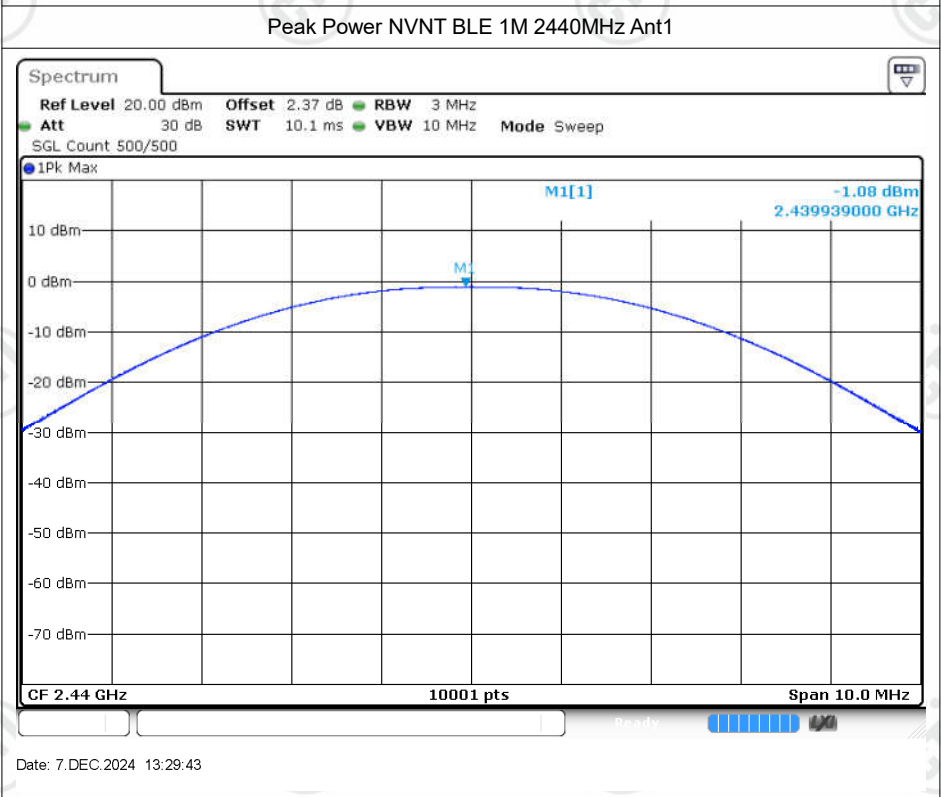
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Maximum Peak Conducted Output Power

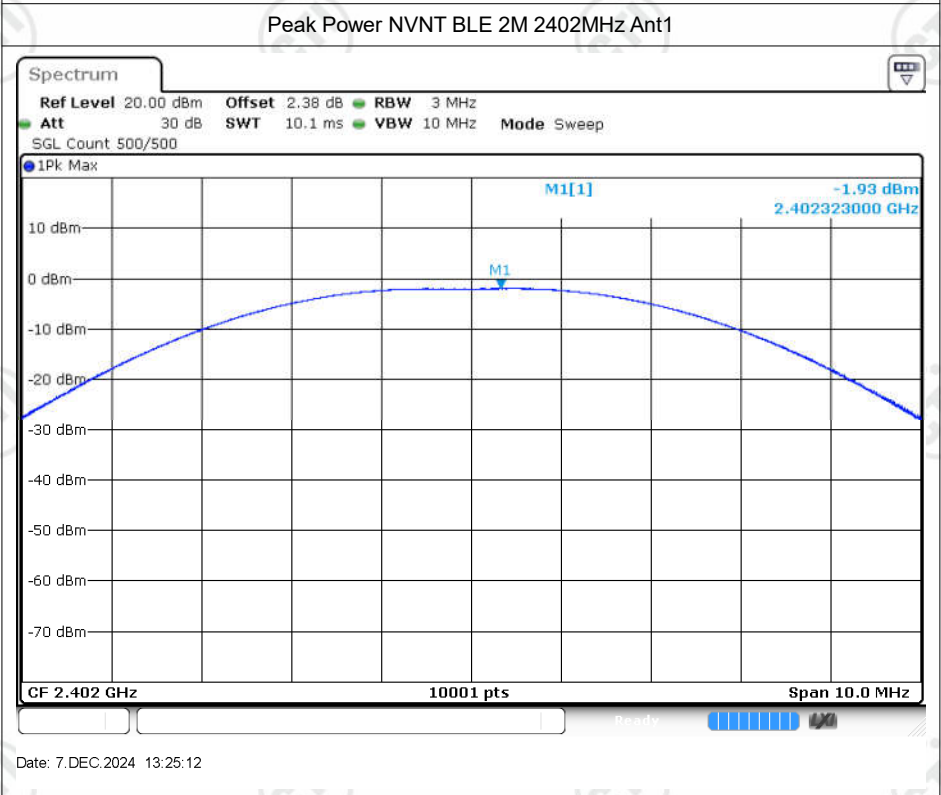
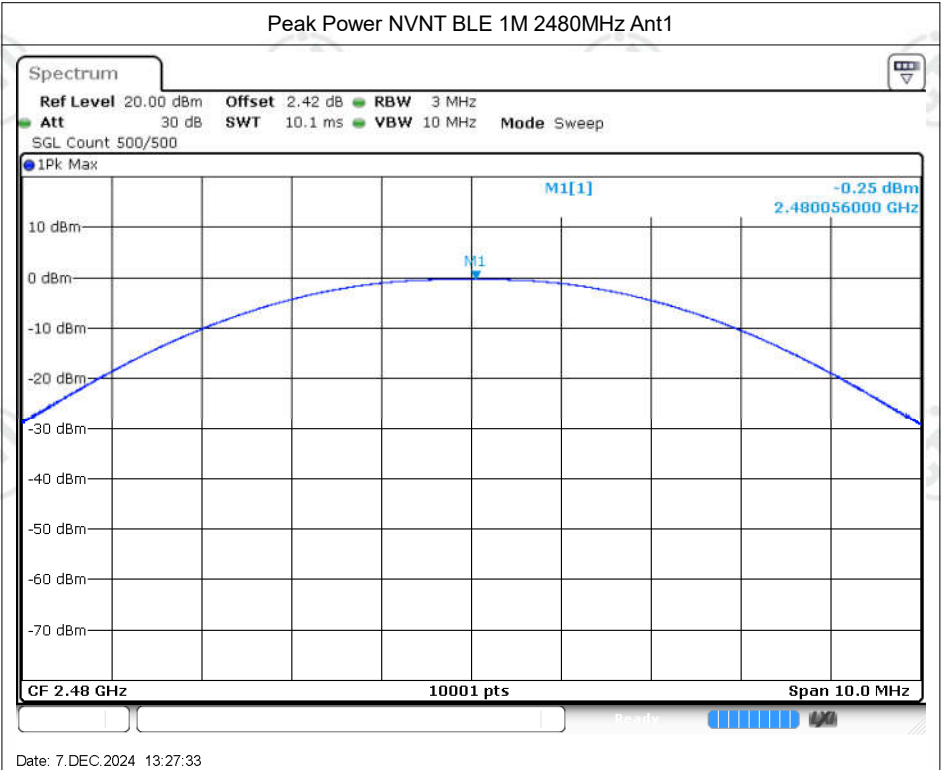
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.81	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.08	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.25	30	Pass
NVNT	BLE 2M	2402	Ant1	-1.93	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.18	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.32	30	Pass

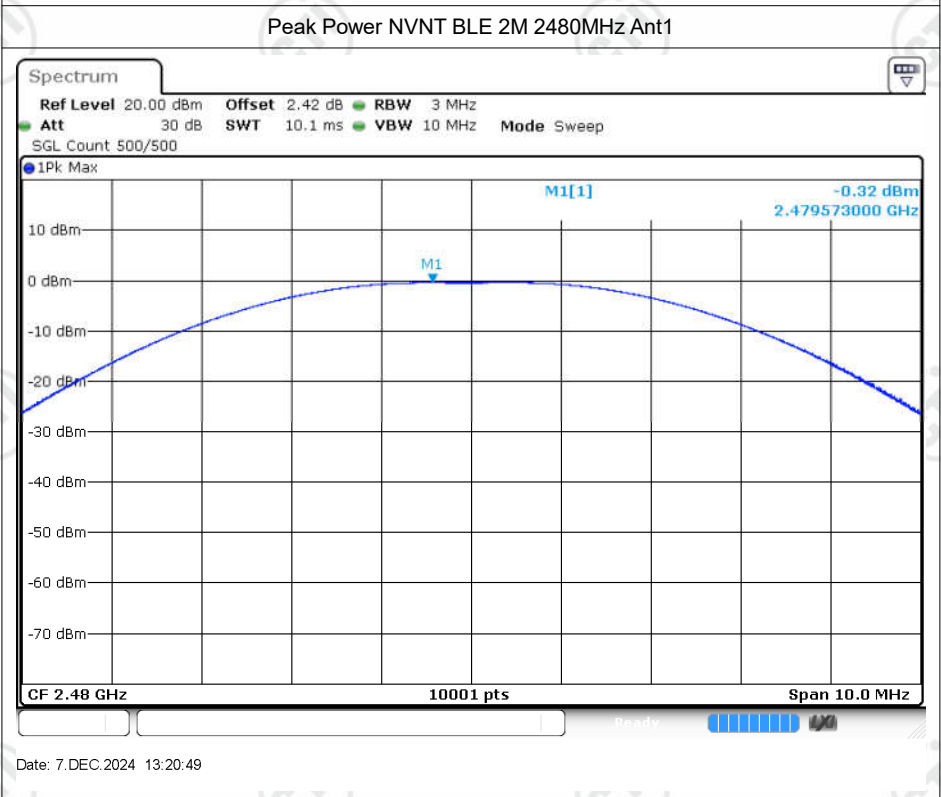
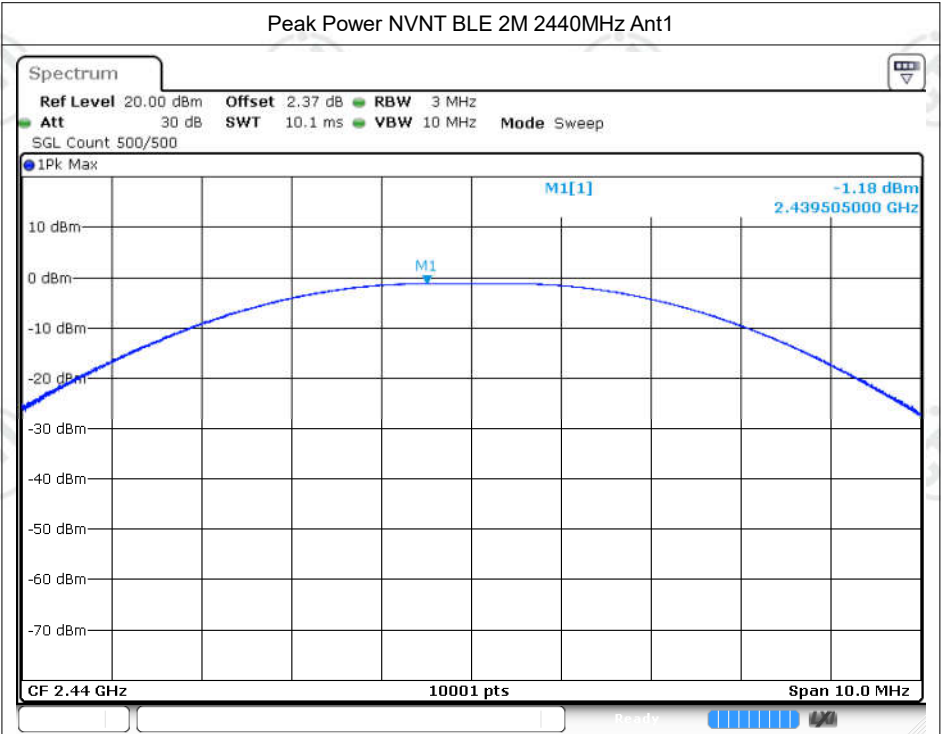


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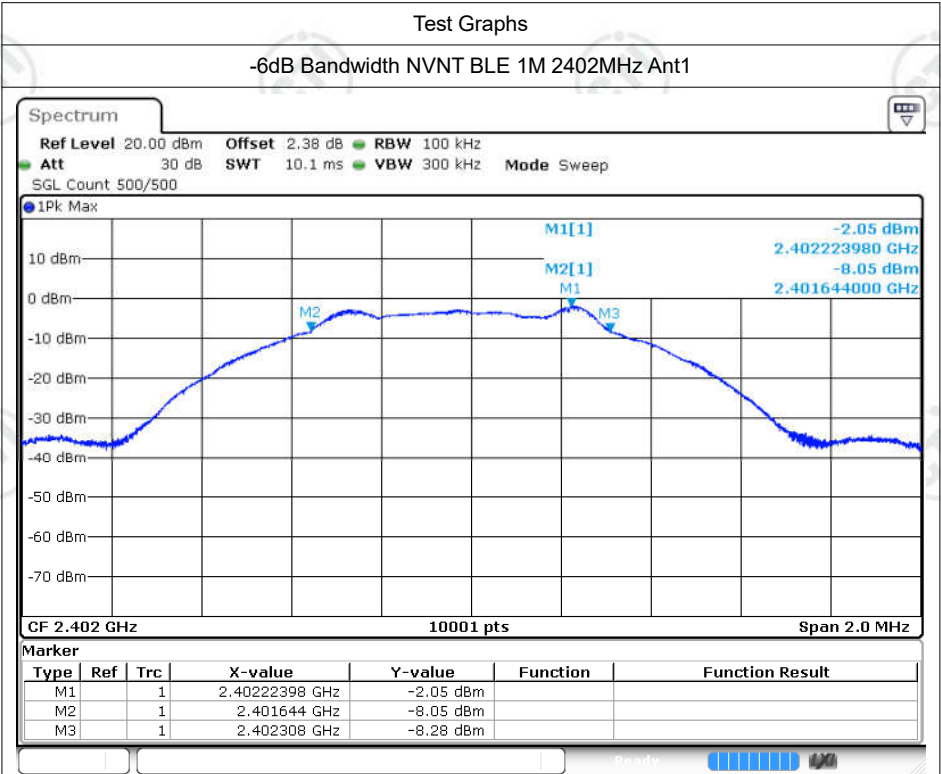
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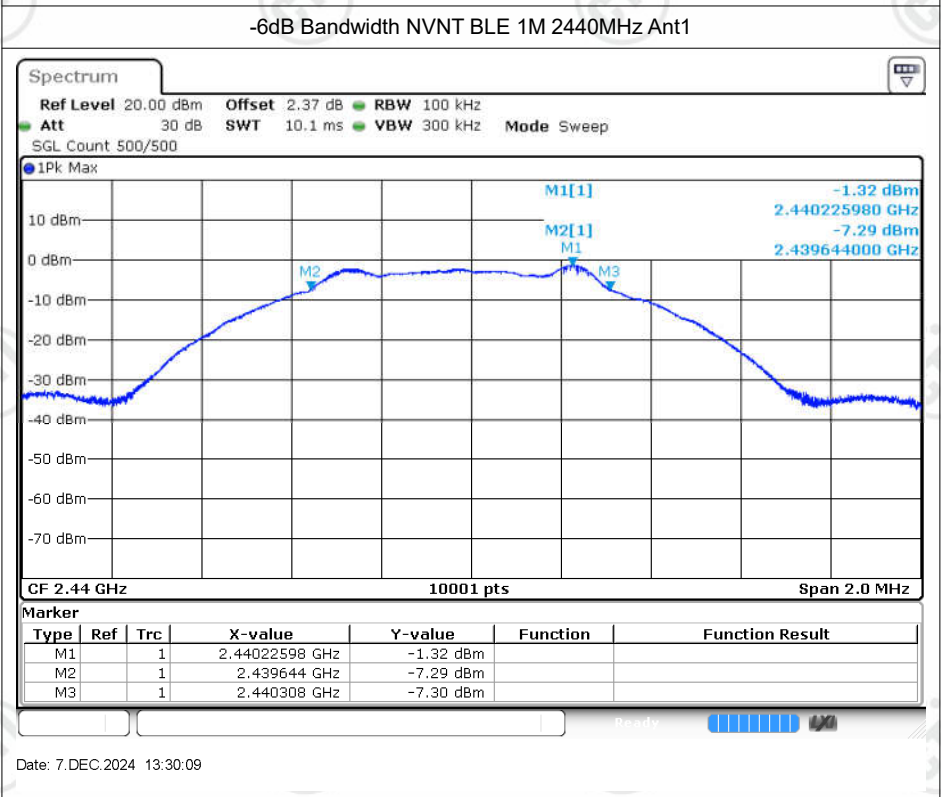


-6dB Bandwidth

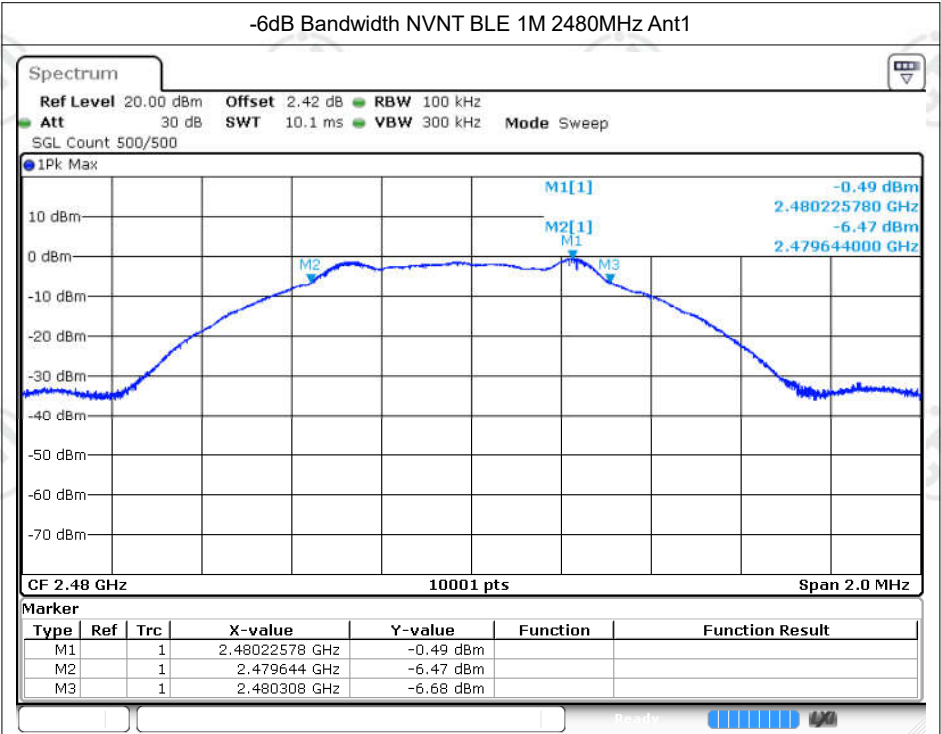
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.665	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.664	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.664	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.234	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.237	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.238	0.5	Pass



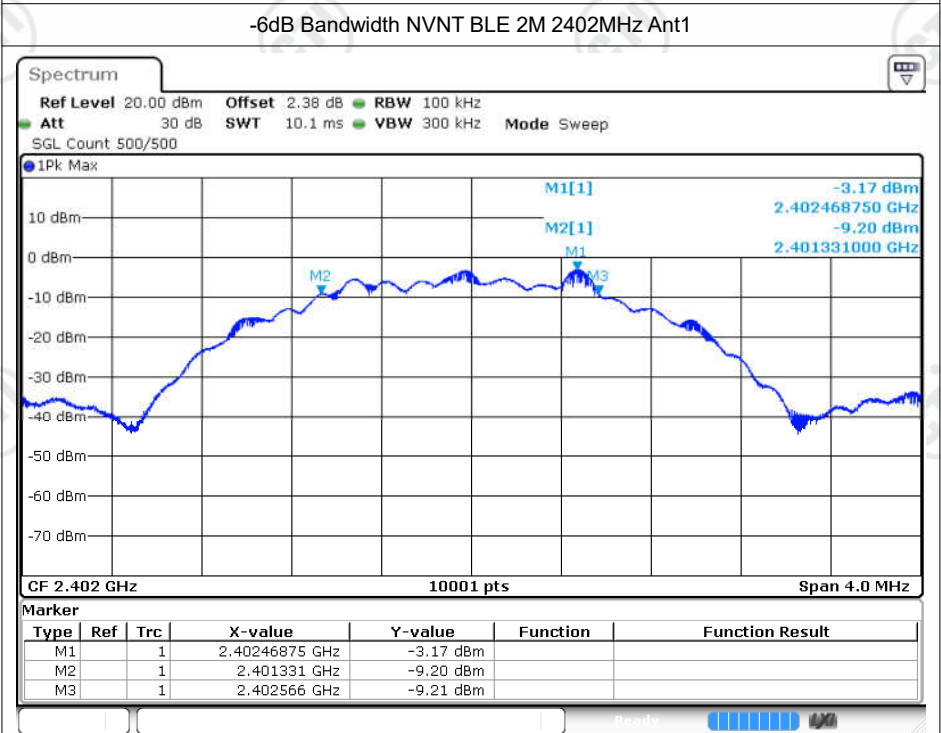
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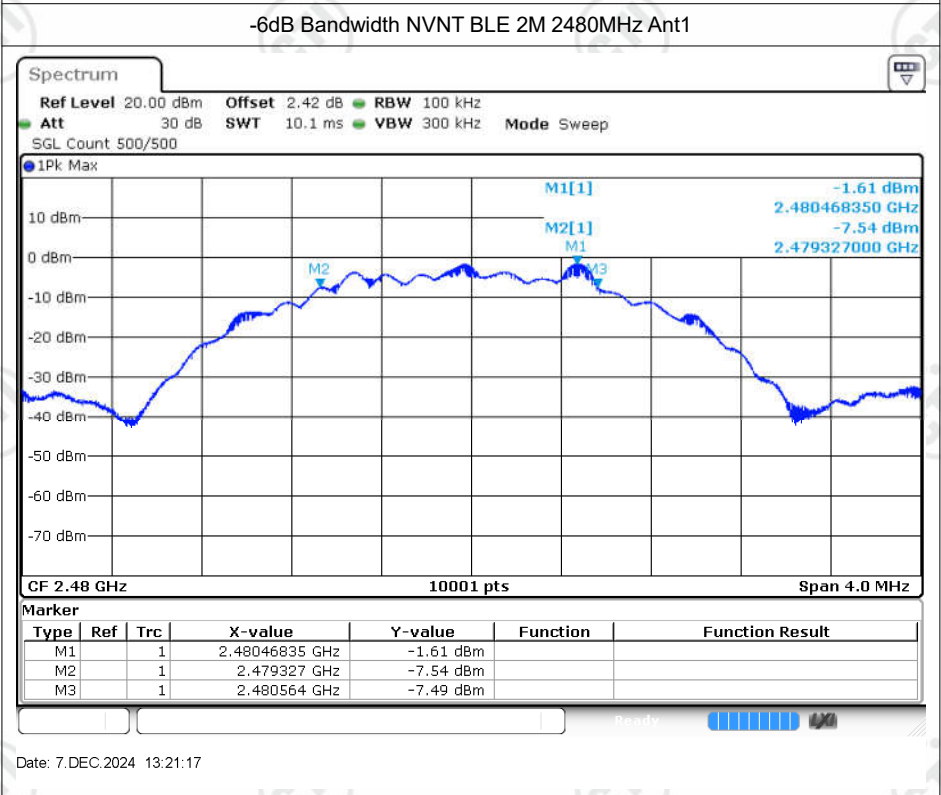
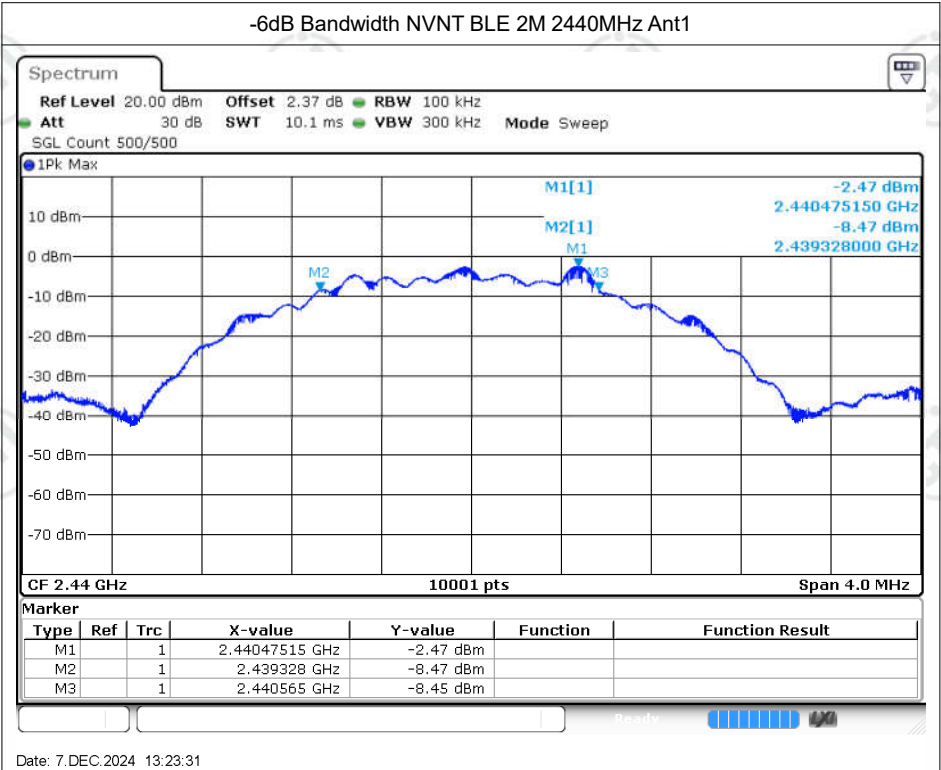
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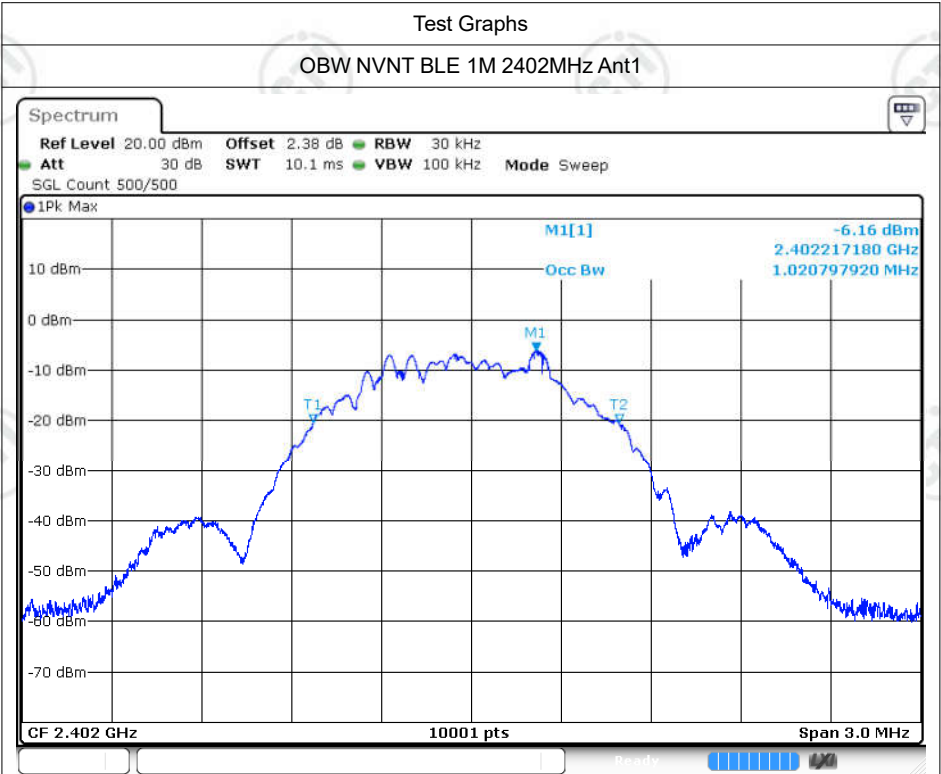


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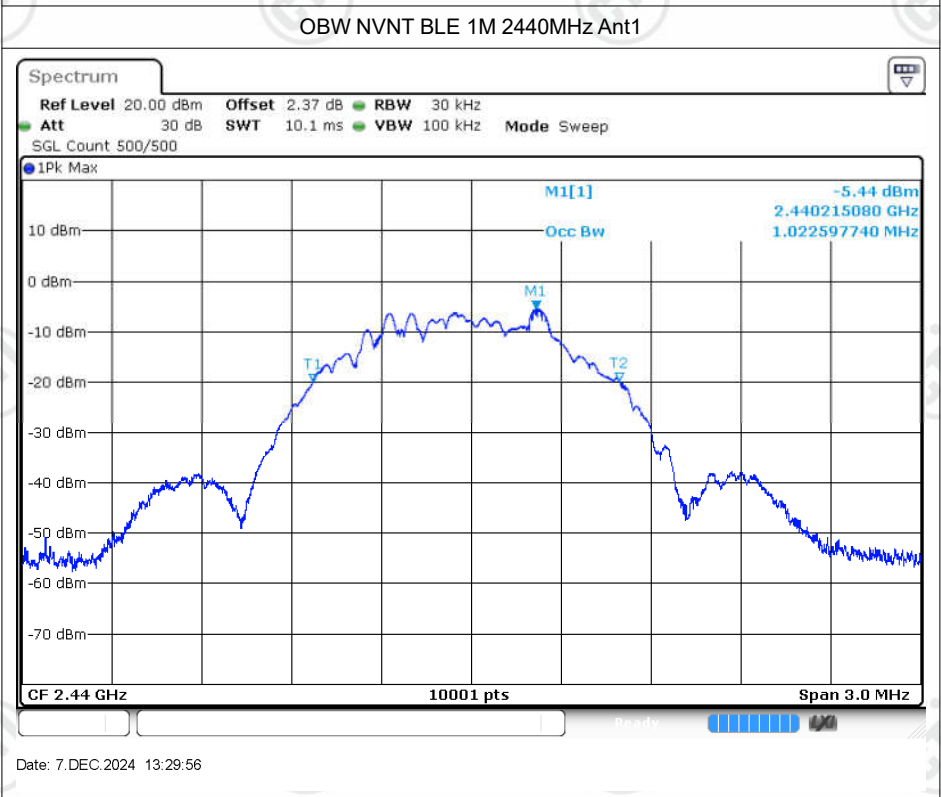


Occupied Channel Bandwidth

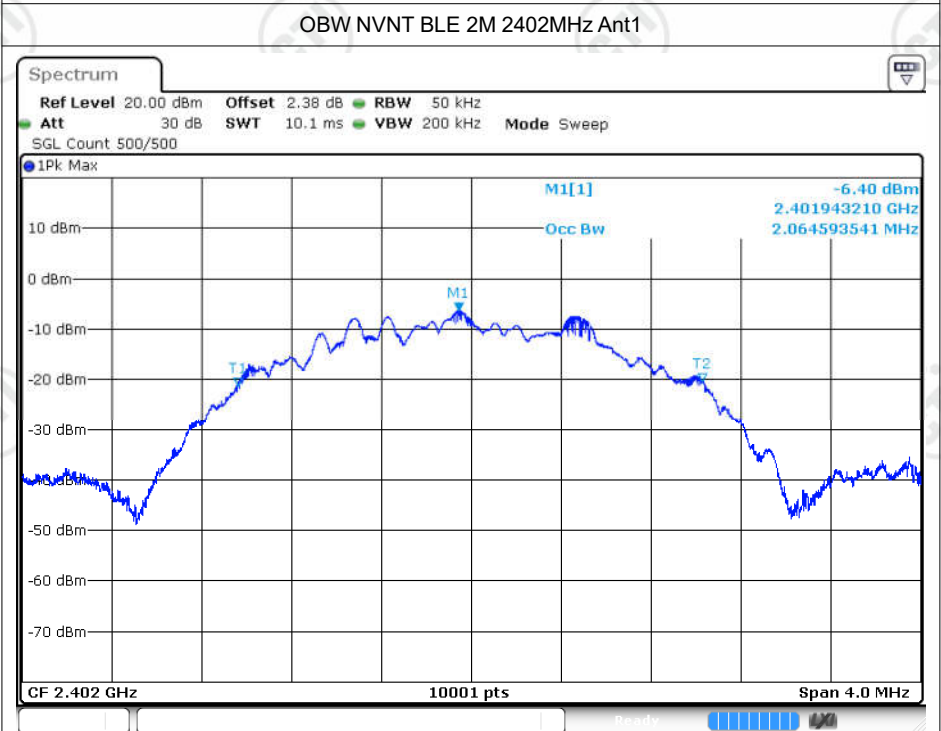
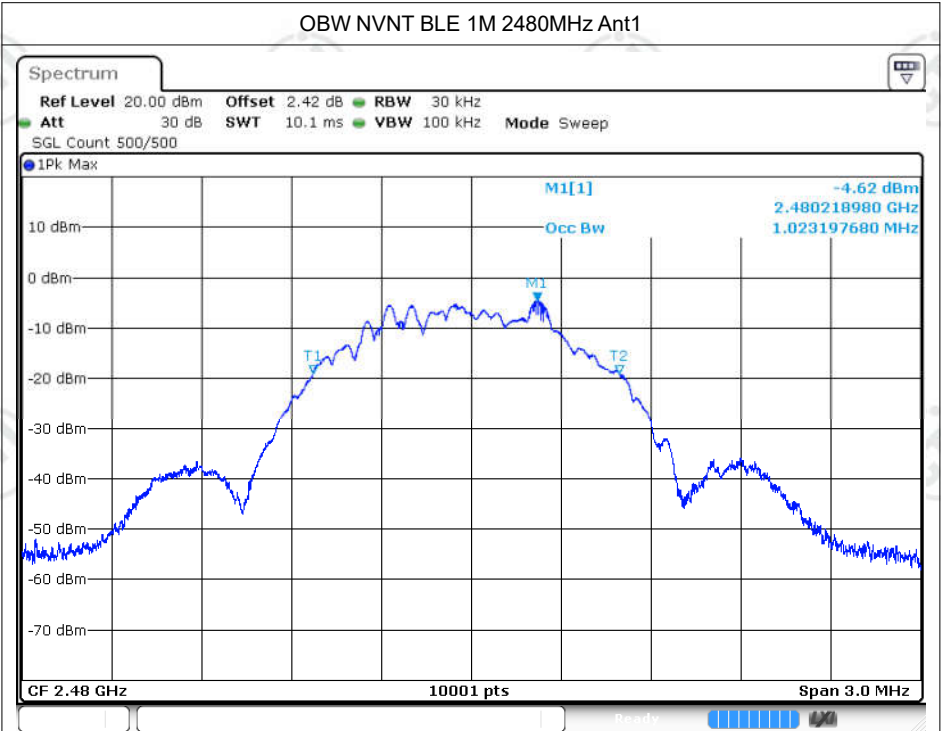
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.021
NVNT	BLE 1M	2440	Ant1	1.023
NVNT	BLE 1M	2480	Ant1	1.023
NVNT	BLE 2M	2402	Ant1	2.065
NVNT	BLE 2M	2440	Ant1	2.063
NVNT	BLE 2M	2480	Ant1	2.056

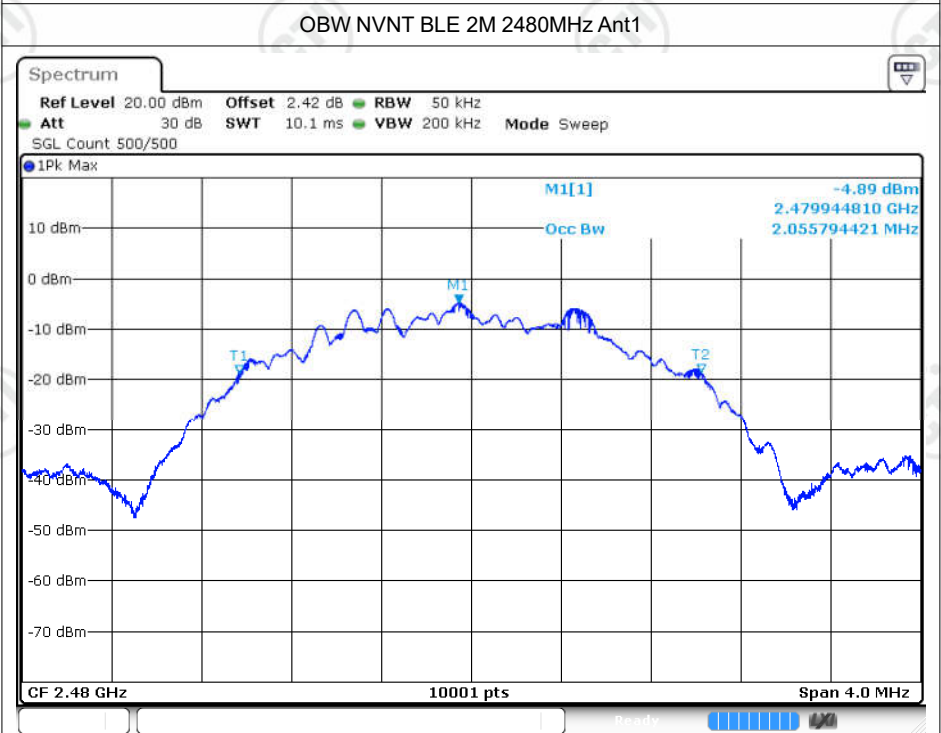
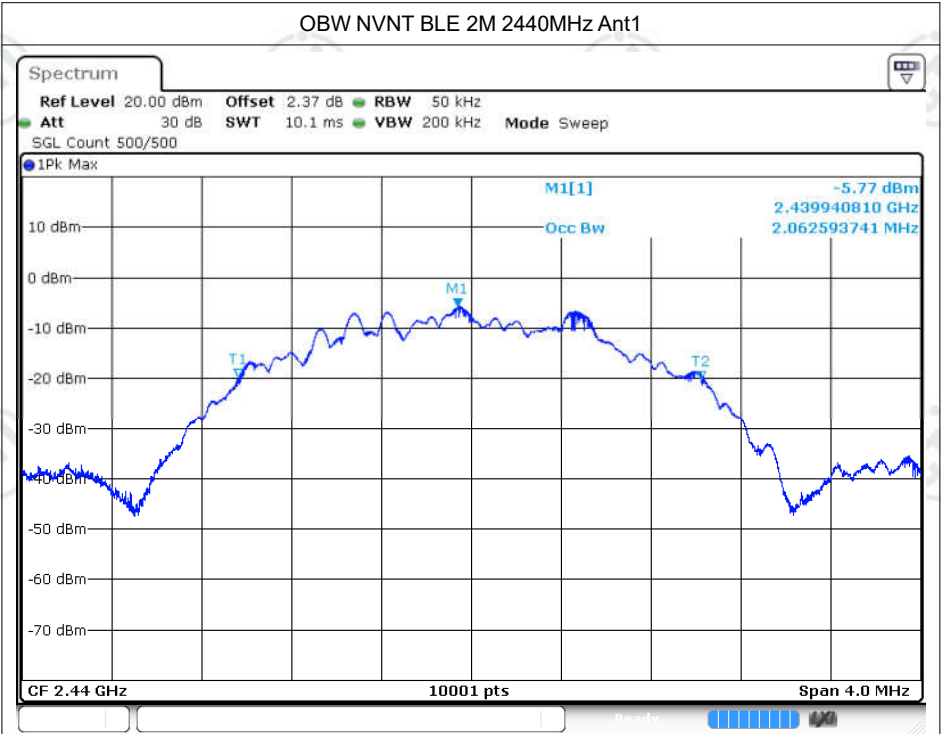


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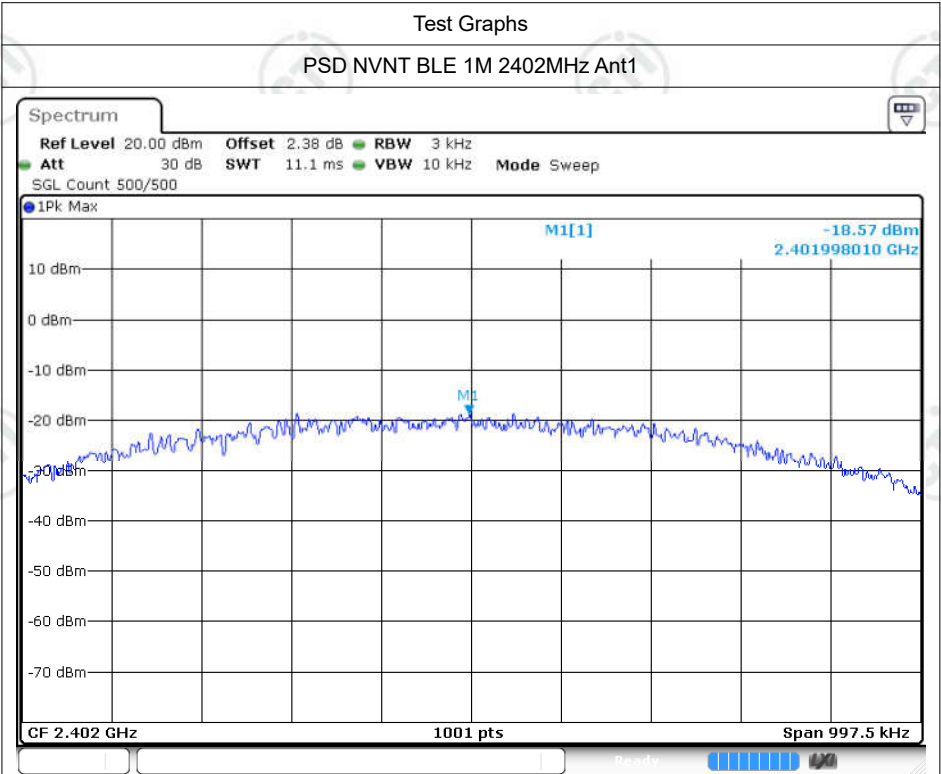
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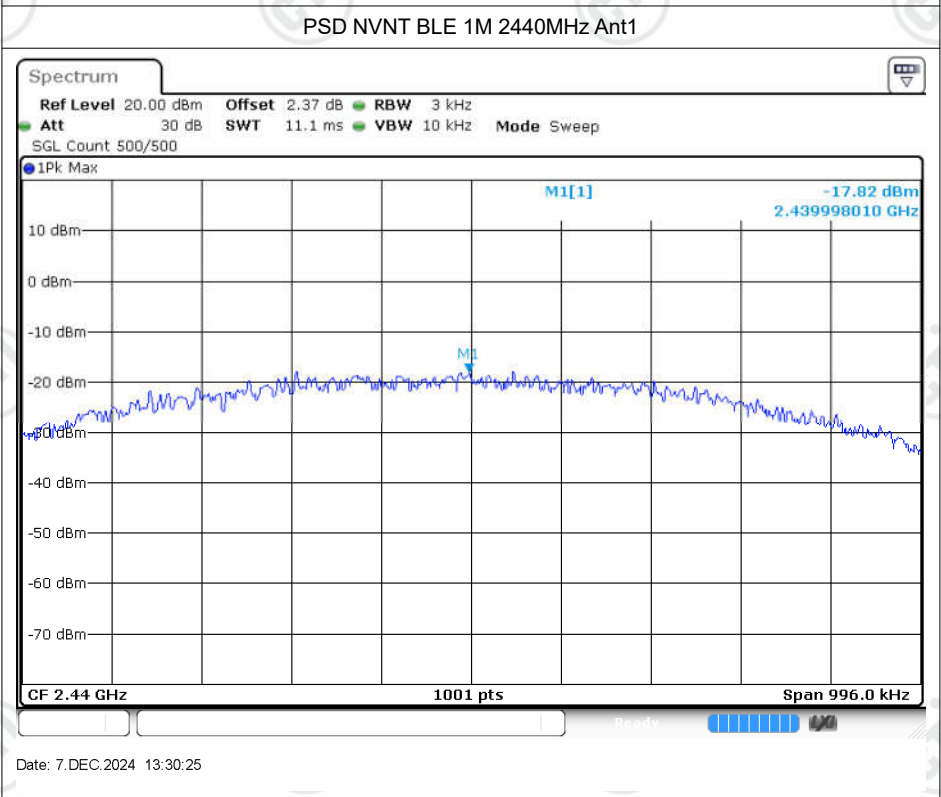


Maximum Power Spectral Density Level

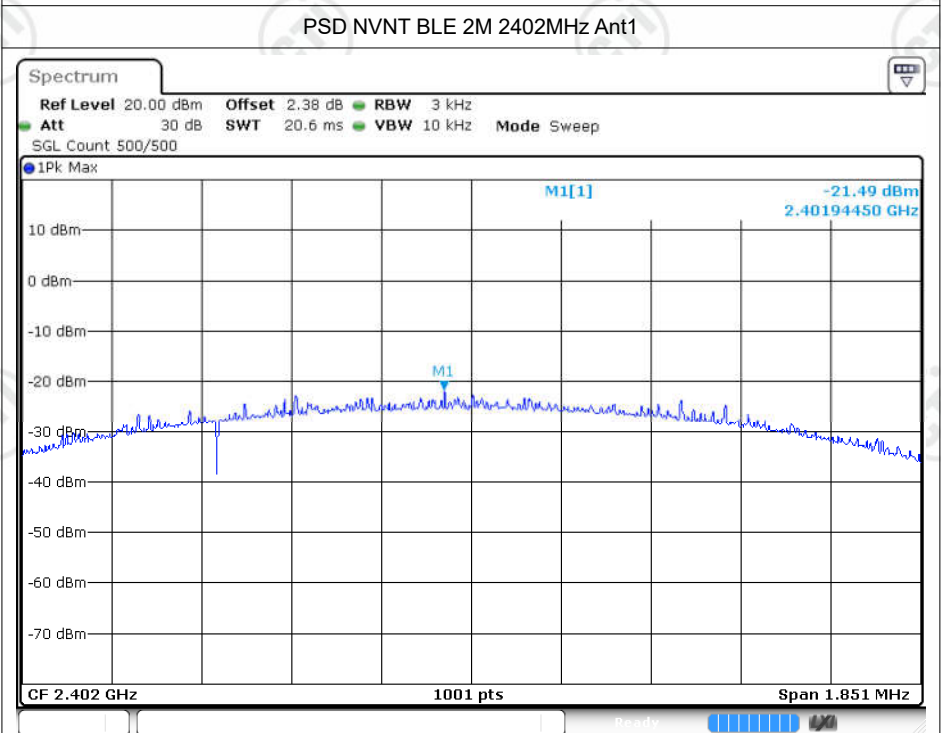
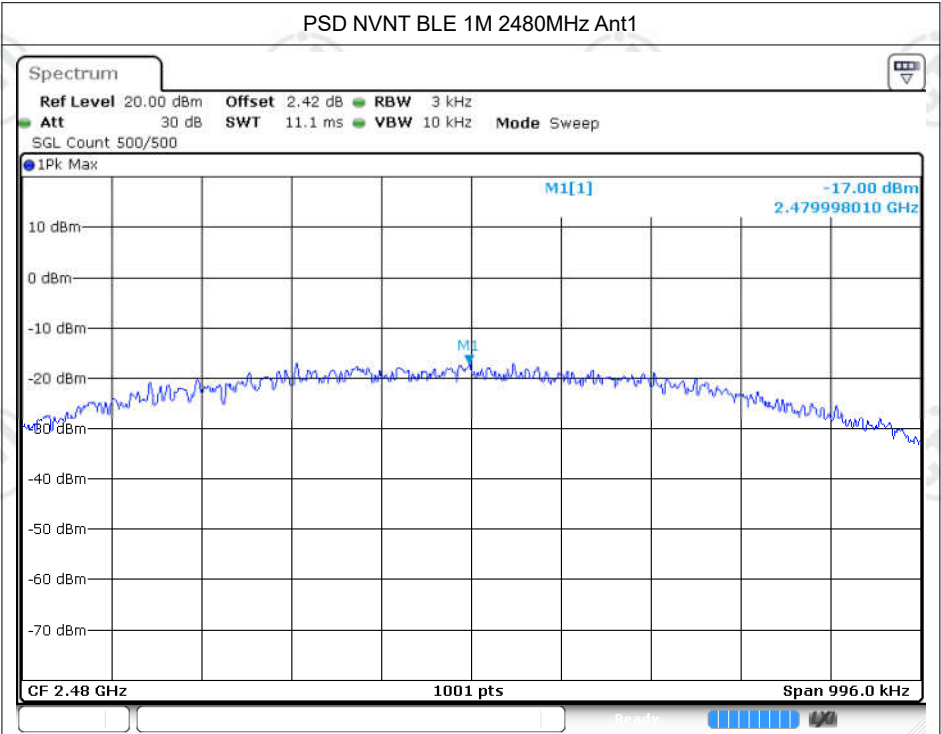
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-18.57	8	Pass
NVNT	BLE 1M	2440	Ant1	-17.82	8	Pass
NVNT	BLE 1M	2480	Ant1	-17	8	Pass
NVNT	BLE 2M	2402	Ant1	-21.49	8	Pass
NVNT	BLE 2M	2440	Ant1	-20.76	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.88	8	Pass

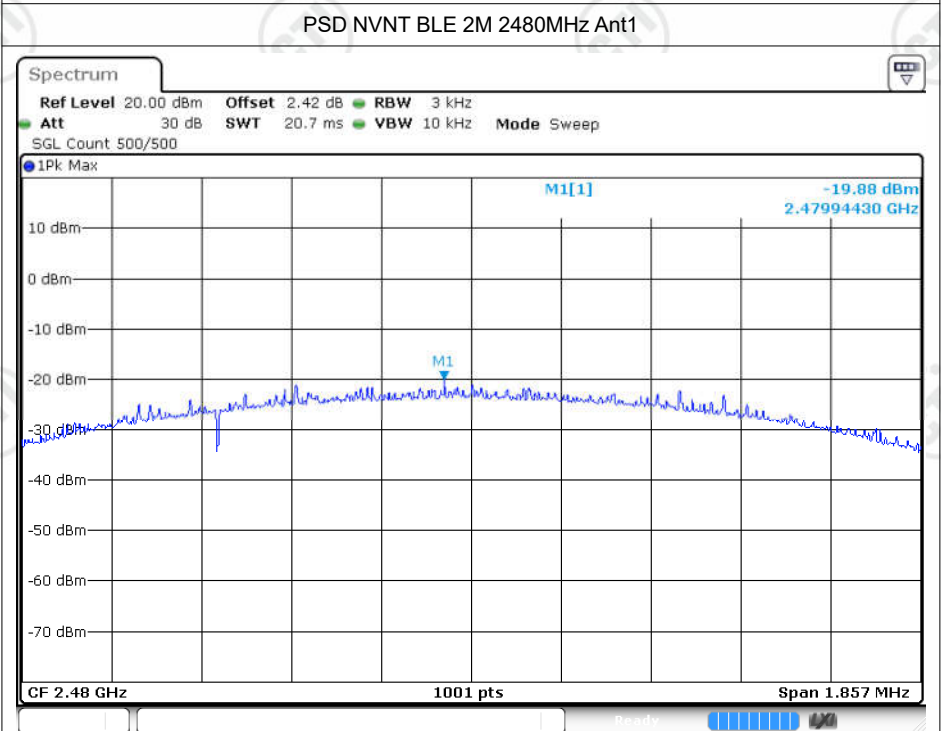
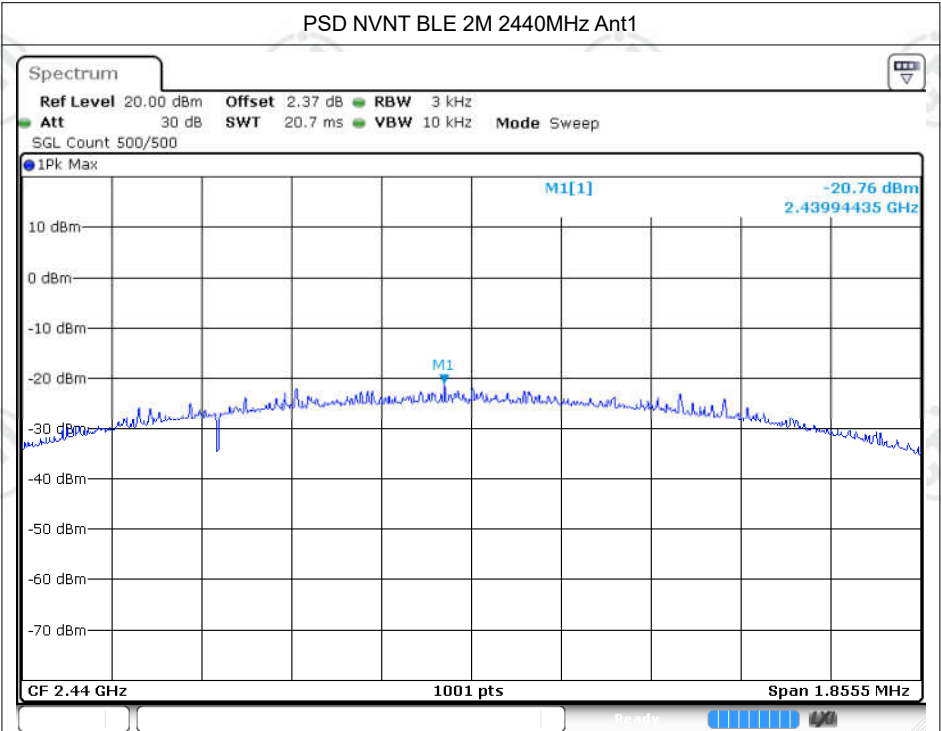


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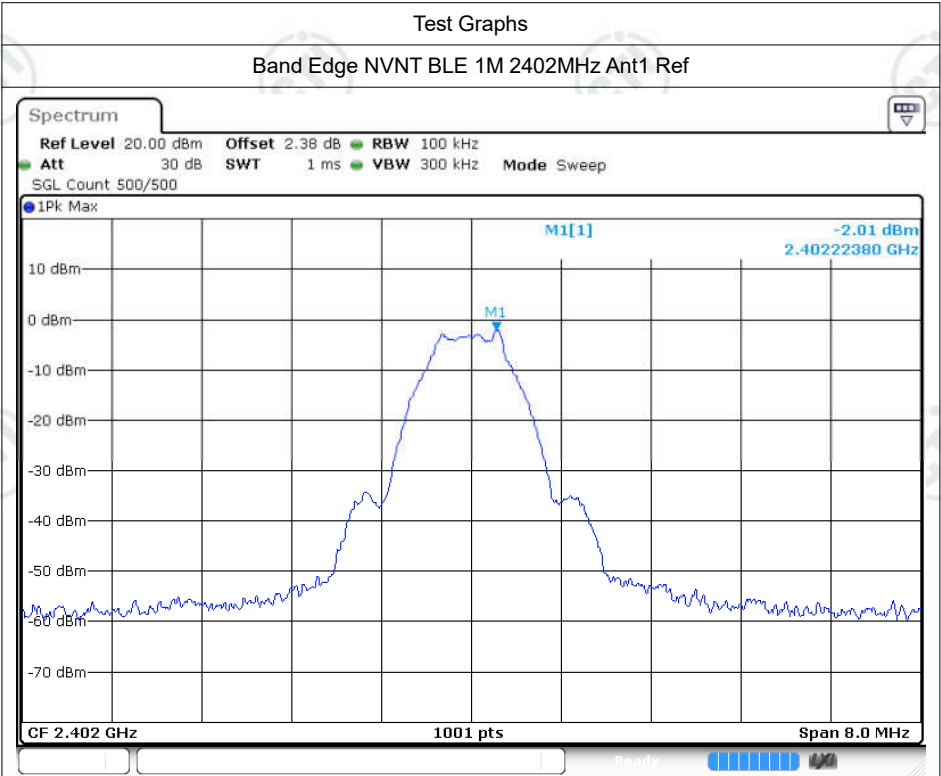
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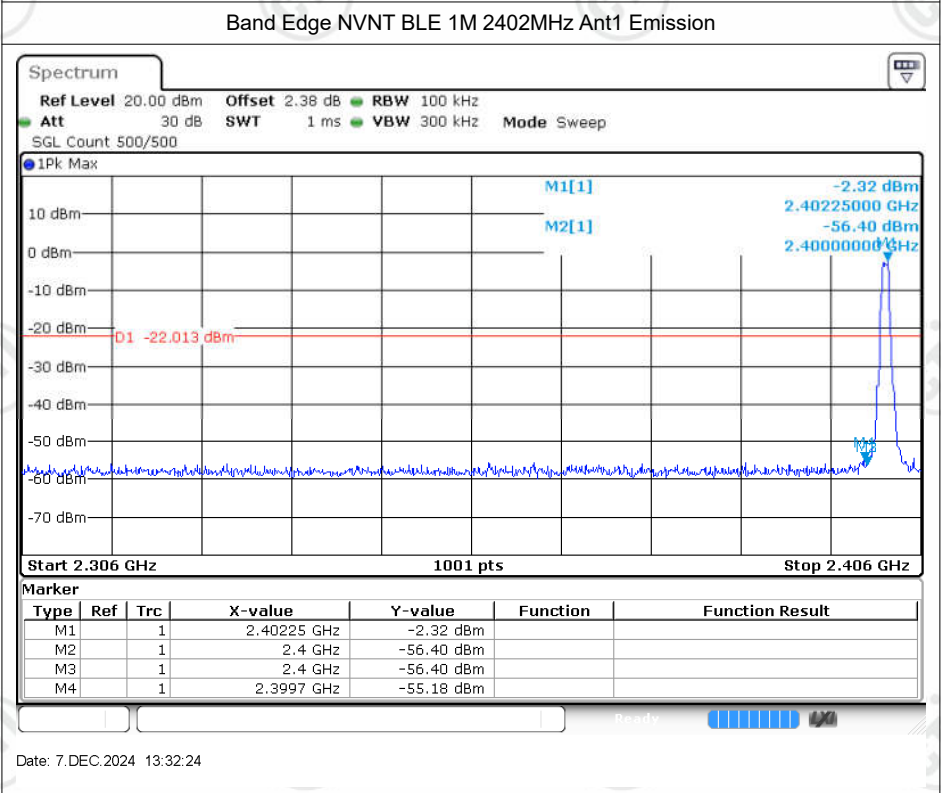


Band Edge

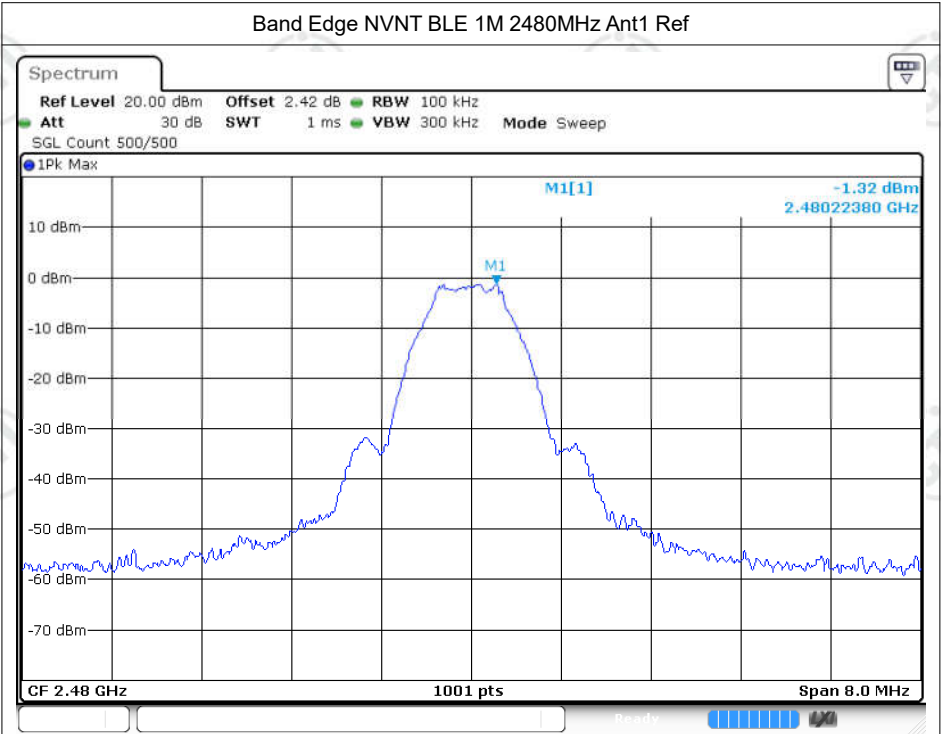
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.16	-20	Pass
NVNT	BLE 1M	2480	Ant1	-54.26	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.39	-20	Pass
NVNT	BLE 2M	2480	Ant1	-52.65	-20	Pass



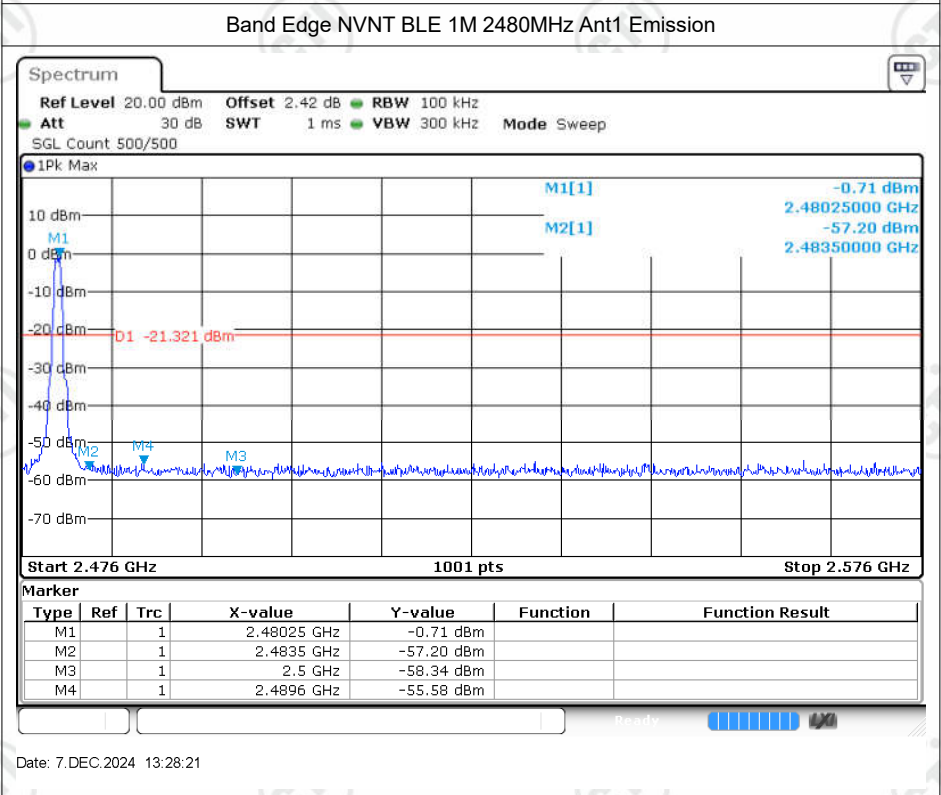
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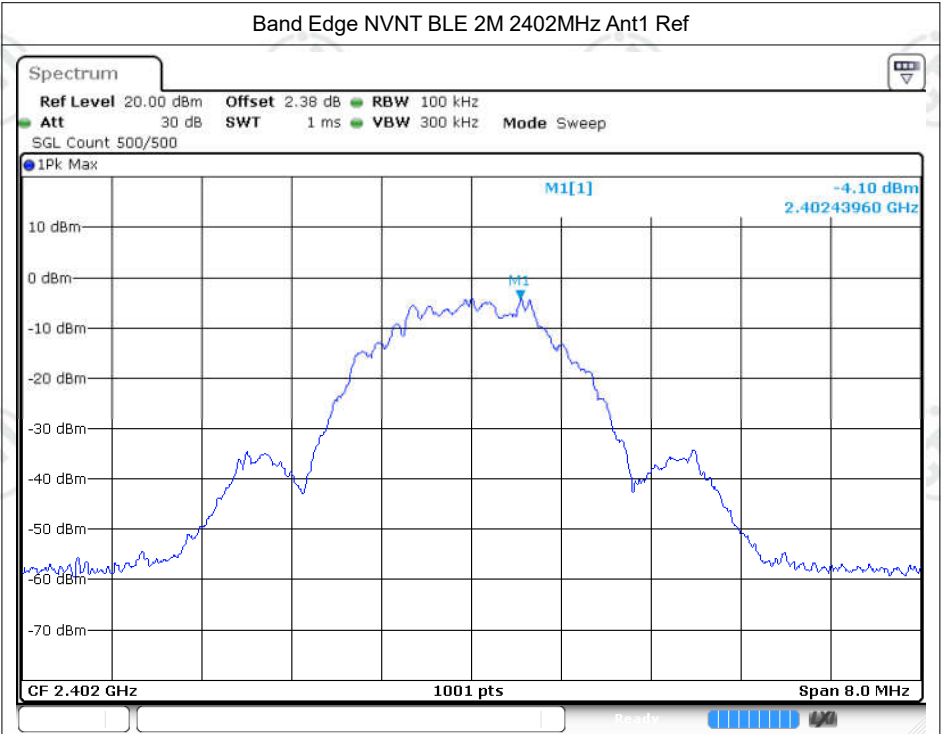
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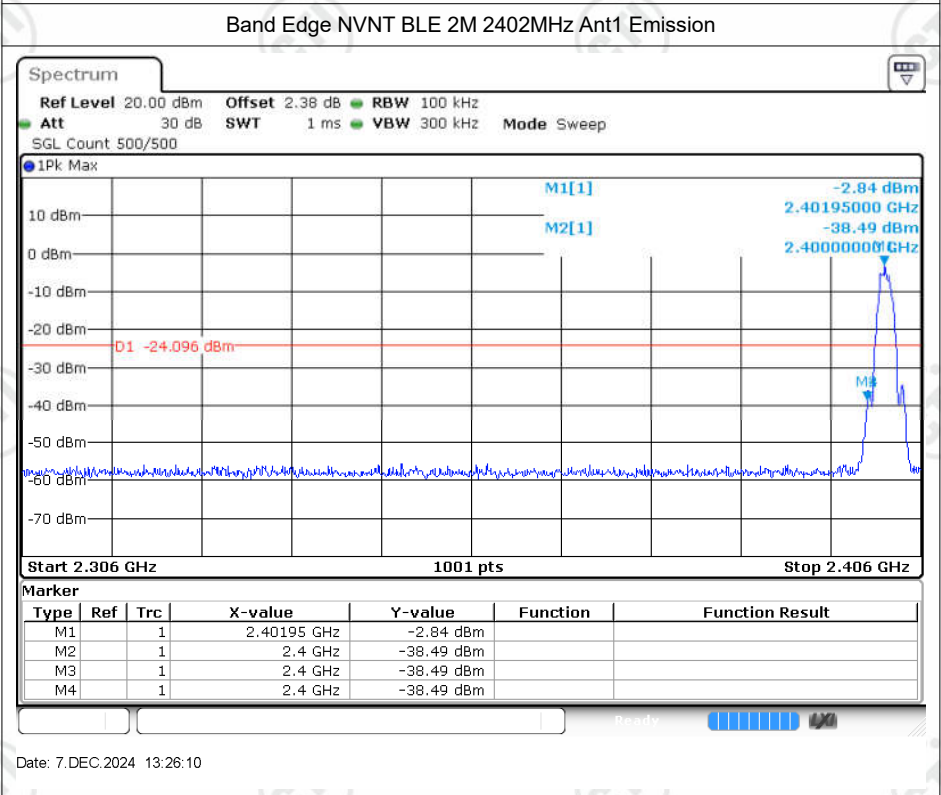
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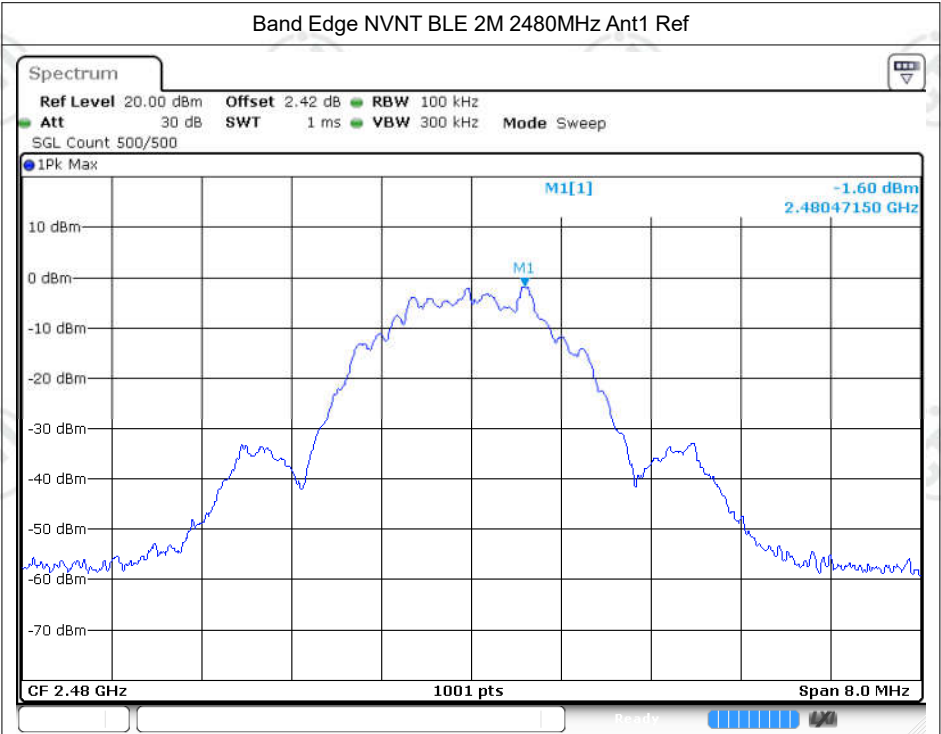
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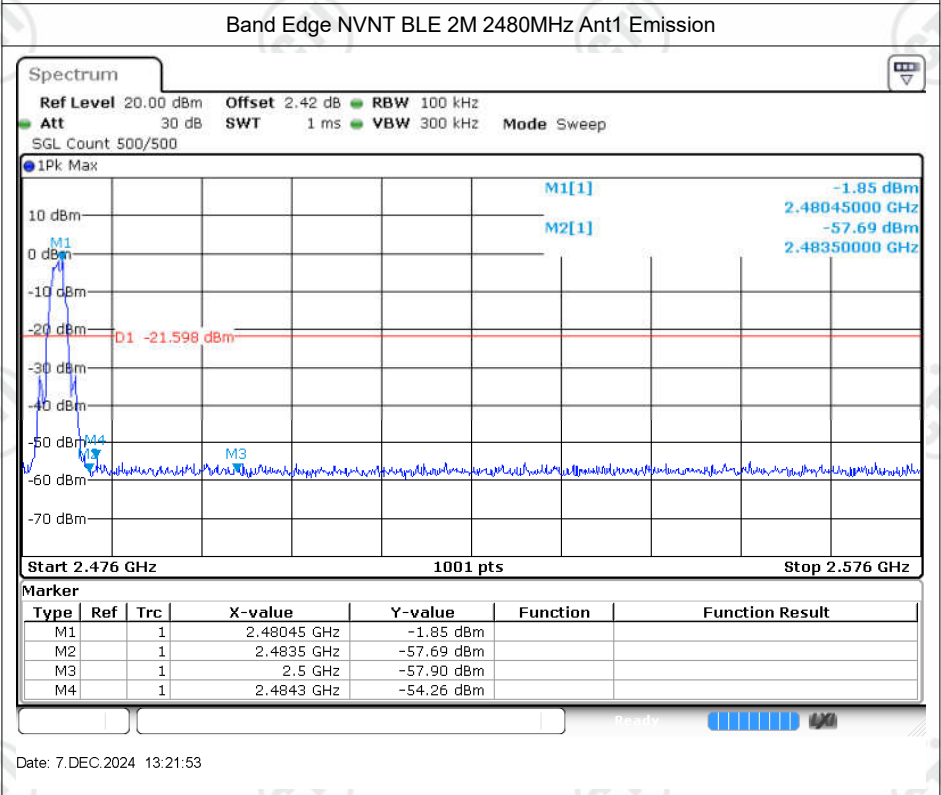
Date: 7.DEC.2024 13:26:06



Date: 7.DEC.2024 13:26:10



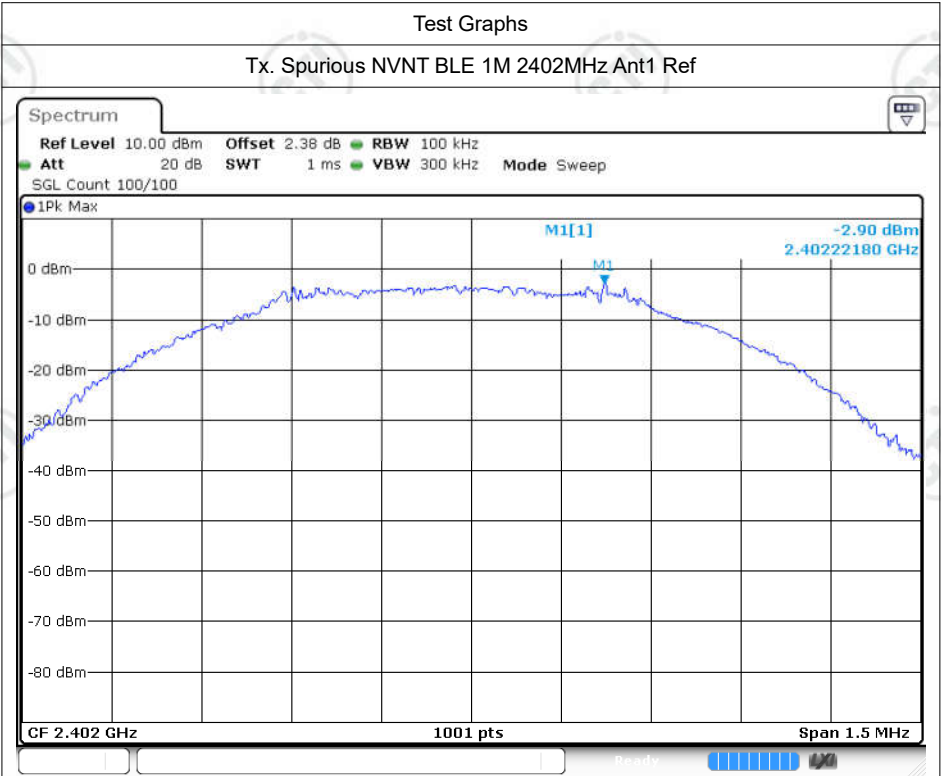
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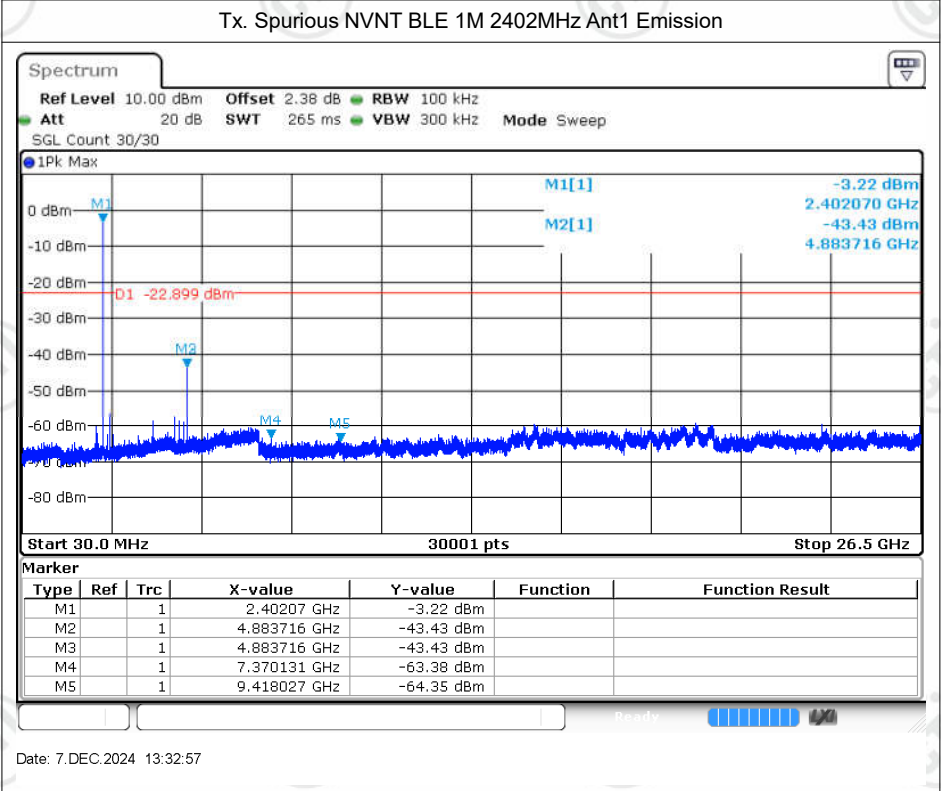
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Conducted RF Spurious Emission

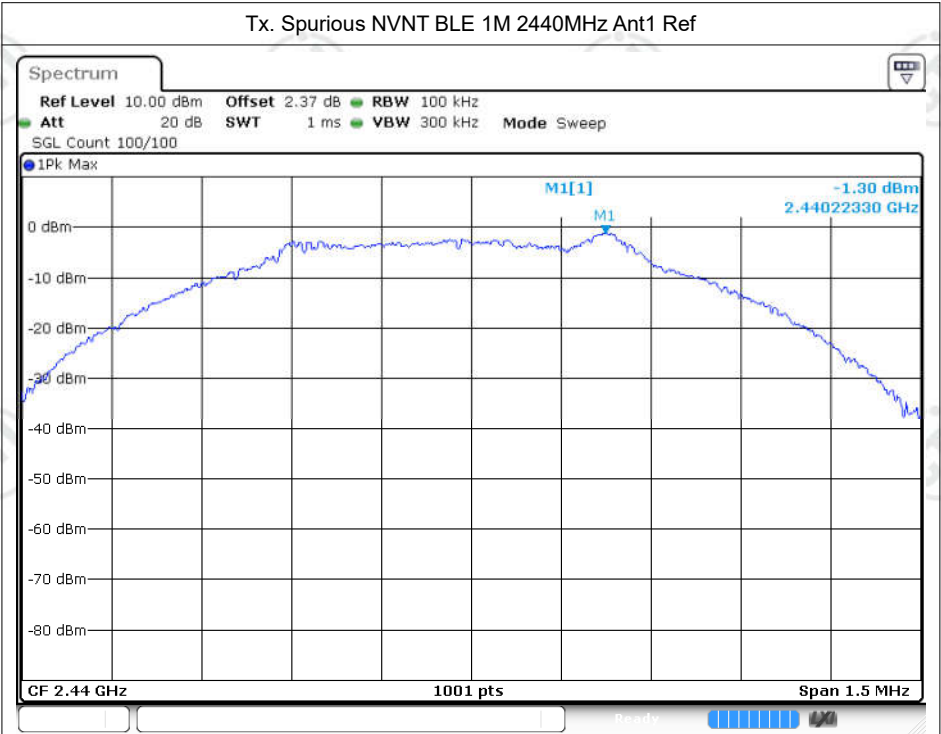
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-40.53	-20	Pass
NVNT	BLE 1M	2440	Ant1	-56.93	-20	Pass
NVNT	BLE 1M	2480	Ant1	-57.19	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.66	-20	Pass
NVNT	BLE 2M	2440	Ant1	-39.31	-20	Pass
NVNT	BLE 2M	2480	Ant1	-53.77	-20	Pass



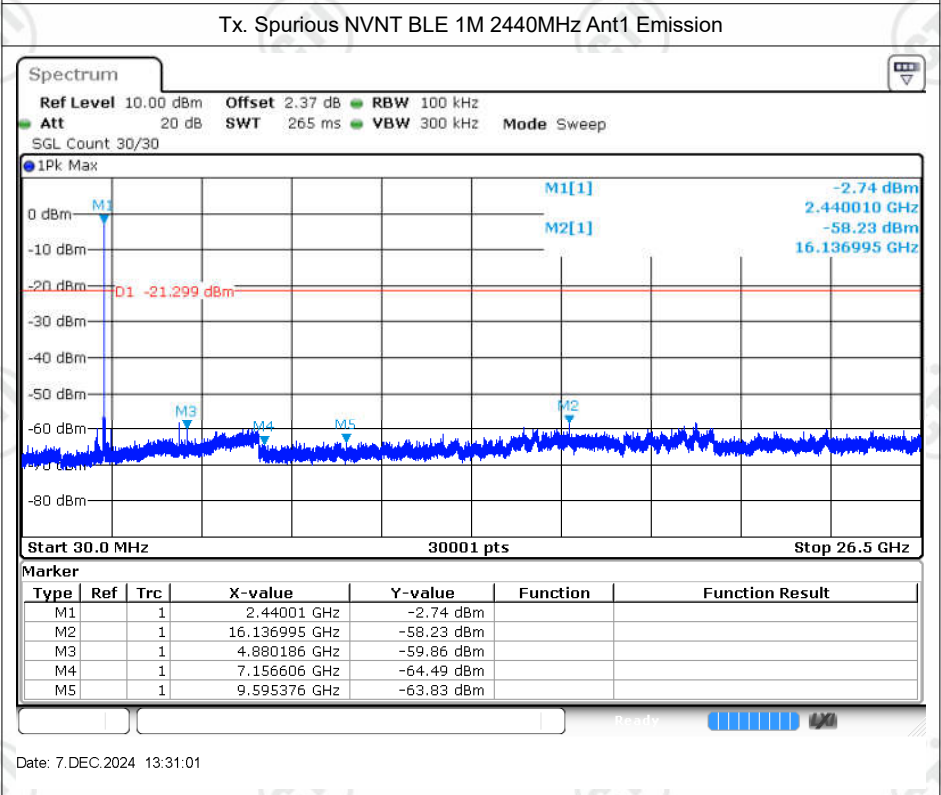
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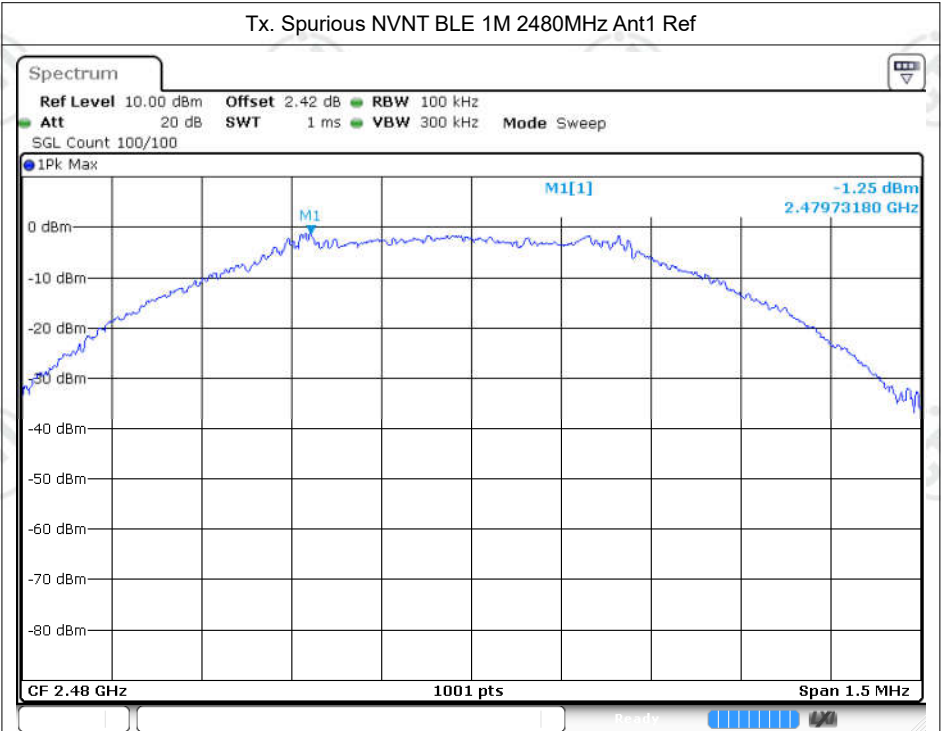
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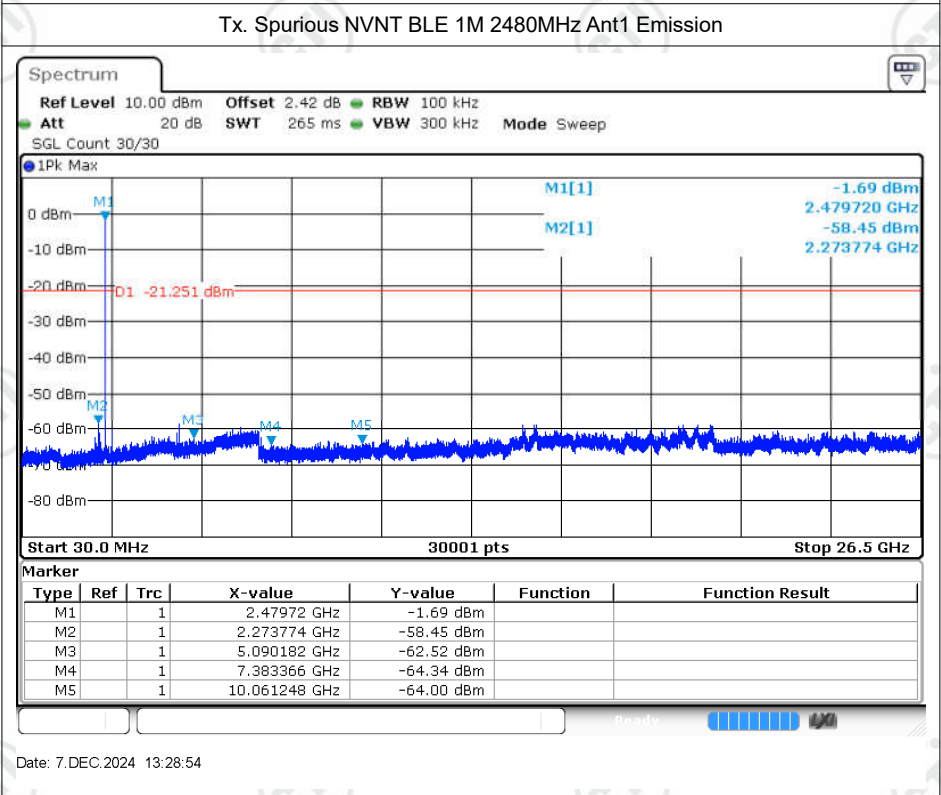
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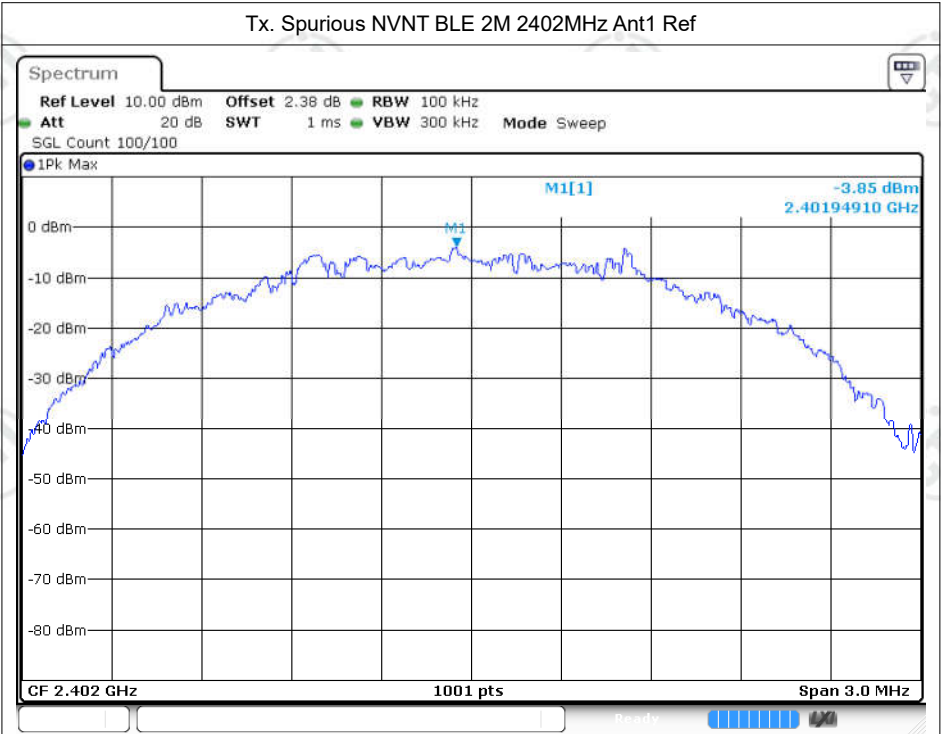
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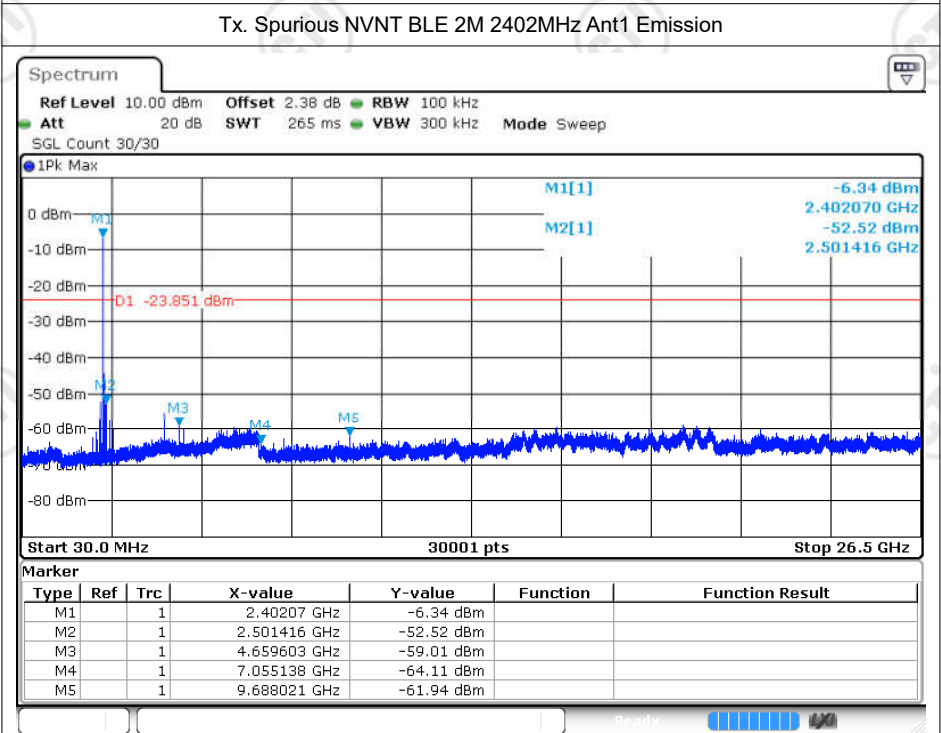
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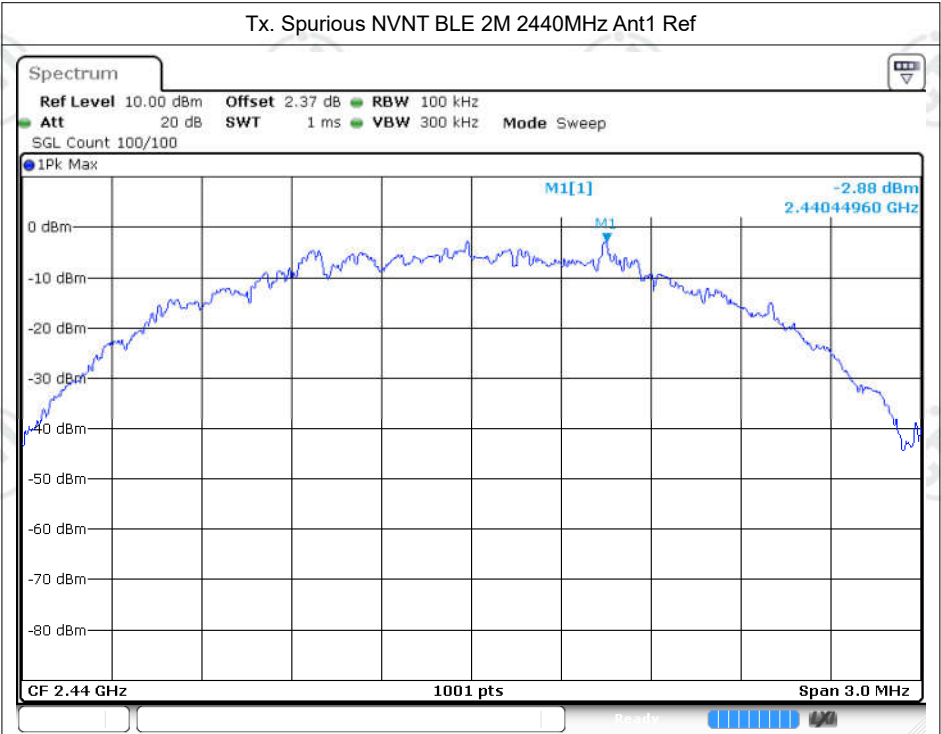
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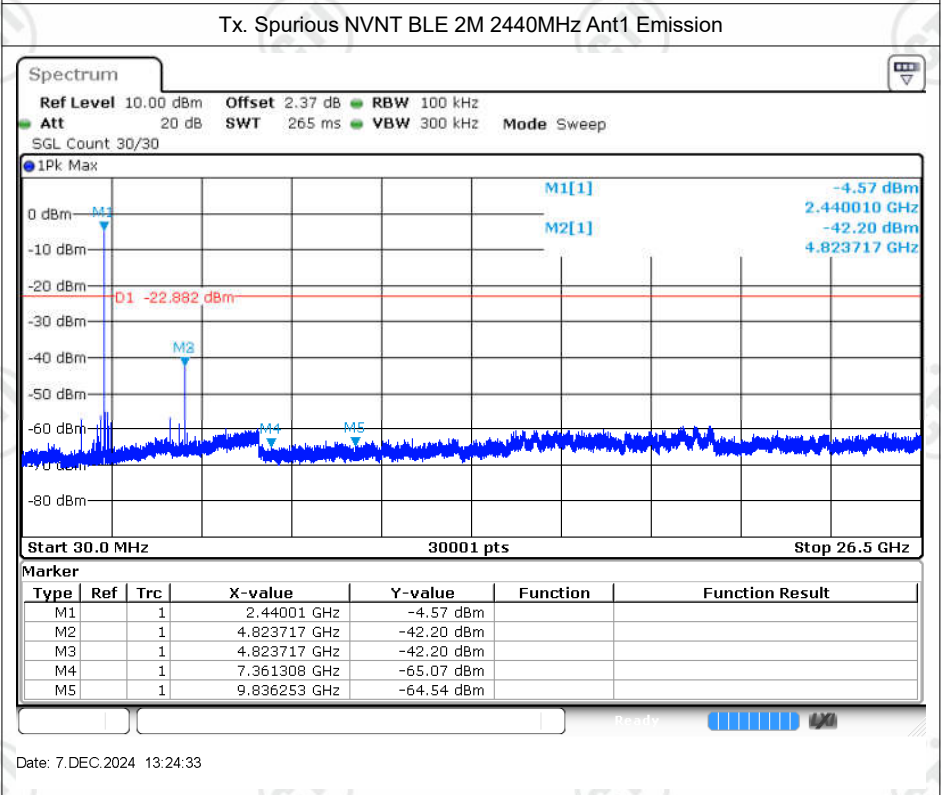
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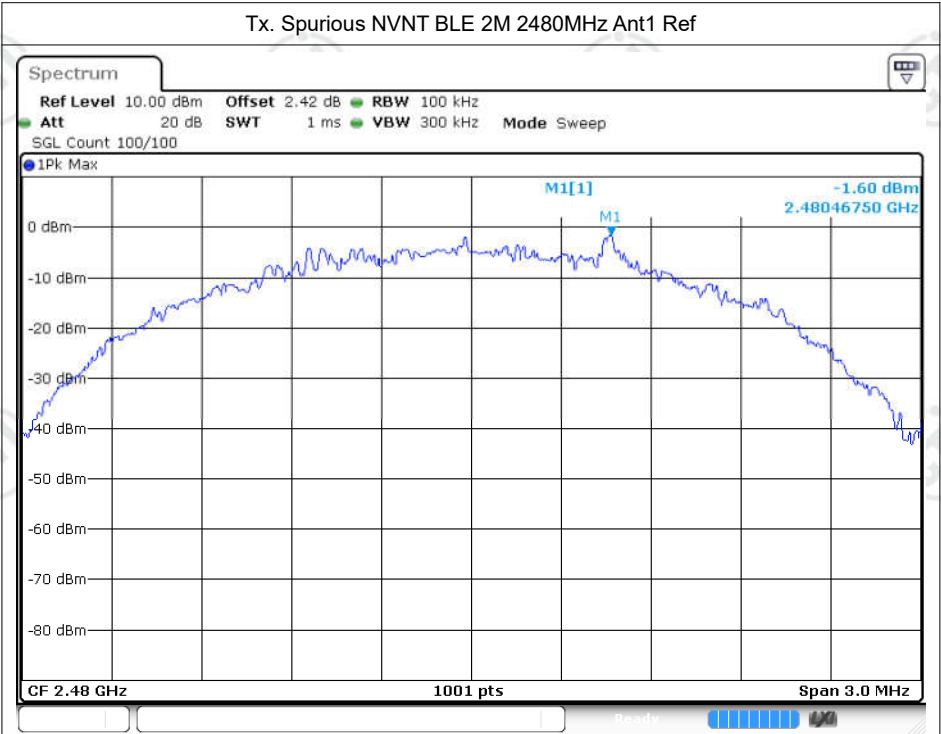
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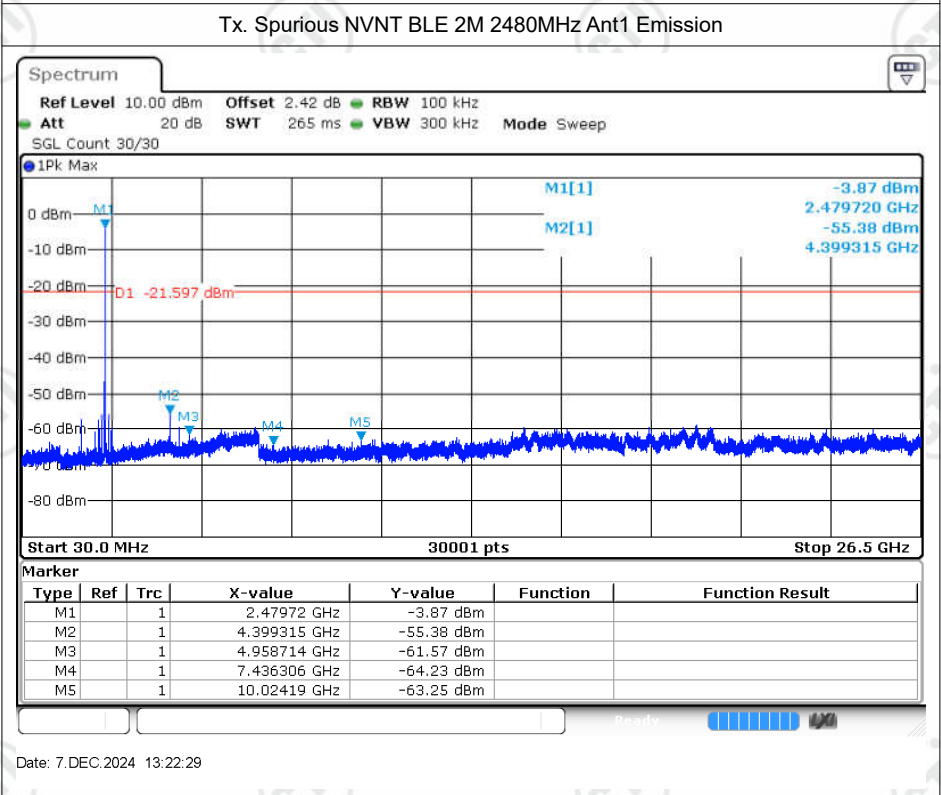
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Date: 7.DEC.2024 13:21:59



Date: 7.DEC.2024 13:22:29

END OF REPORT