

Appendix: Bluetooth LE

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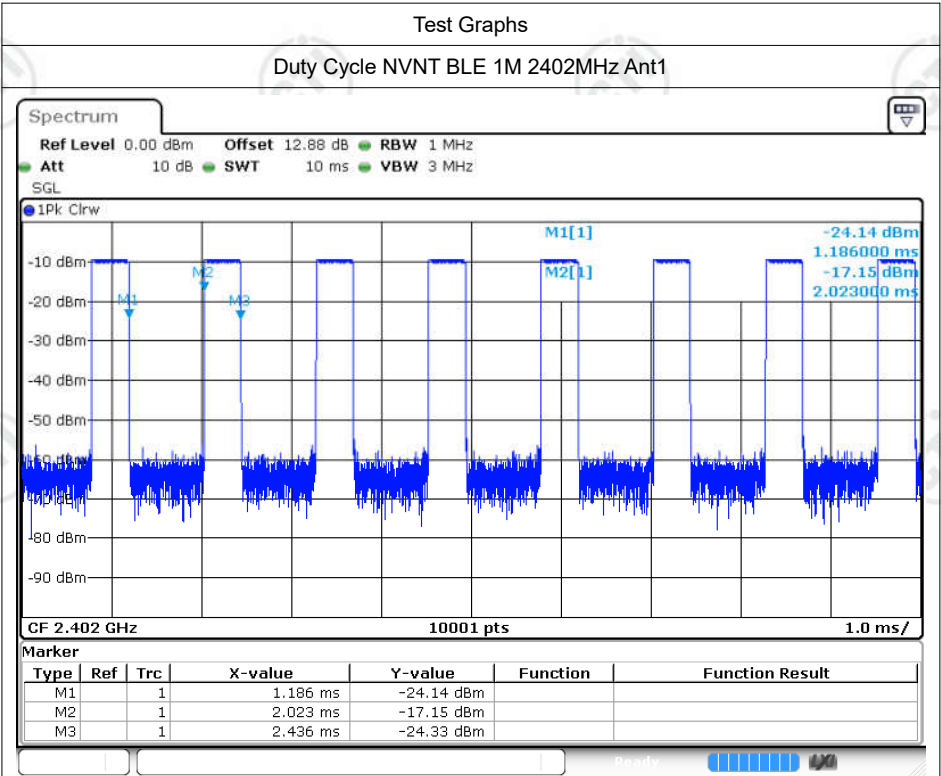
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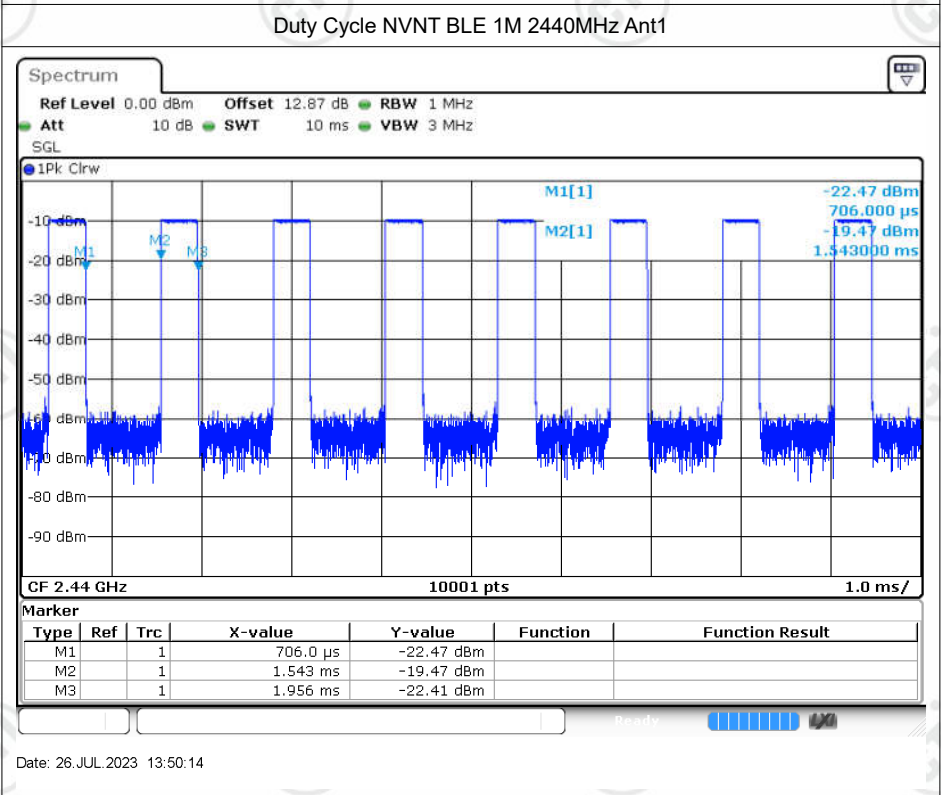
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Duty Cycle

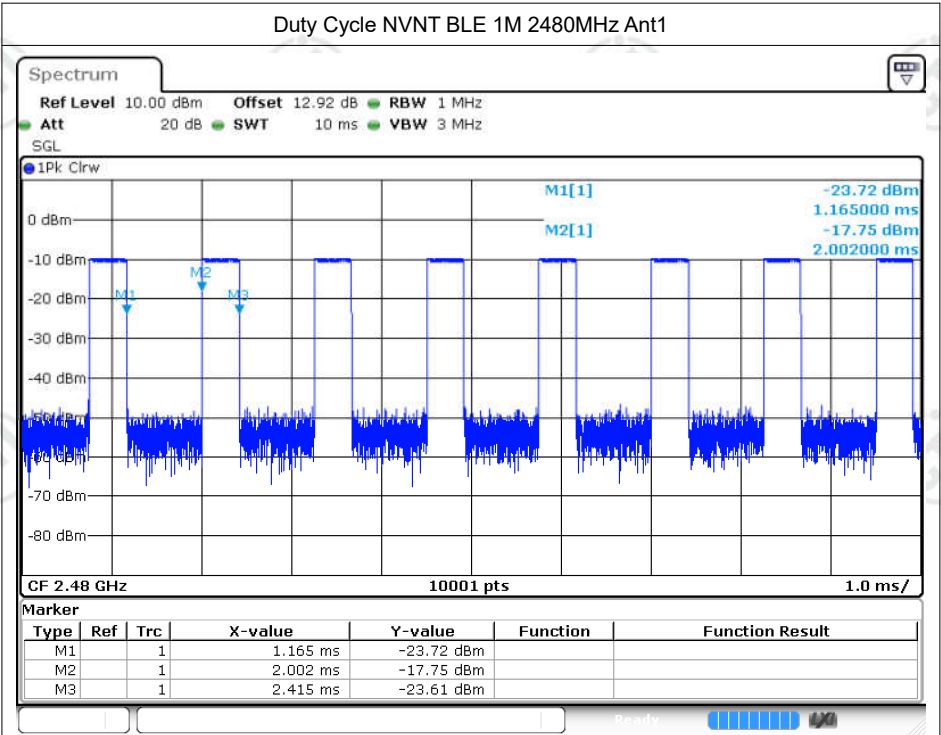
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	33.04	4.81	2.42
NVNT	BLE 1M	2440	Ant1	33.04	4.81	2.42
NVNT	BLE 1M	2480	Ant1	33.04	4.81	2.42
NVNT	BLE 2M	2402	Ant1	36.48	4.38	4.39
NVNT	BLE 2M	2440	Ant1	36.48	4.38	4.39
NVNT	BLE 2M	2480	Ant1	36.48	4.38	4.39



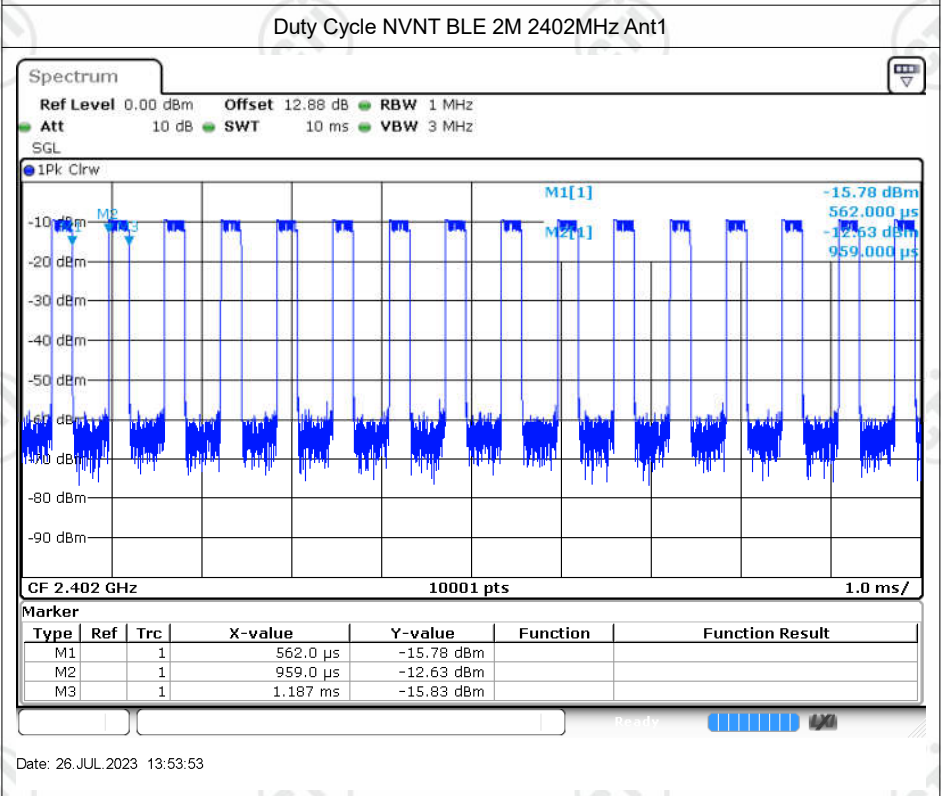
Date: 26.JUL.2023 13:47:26



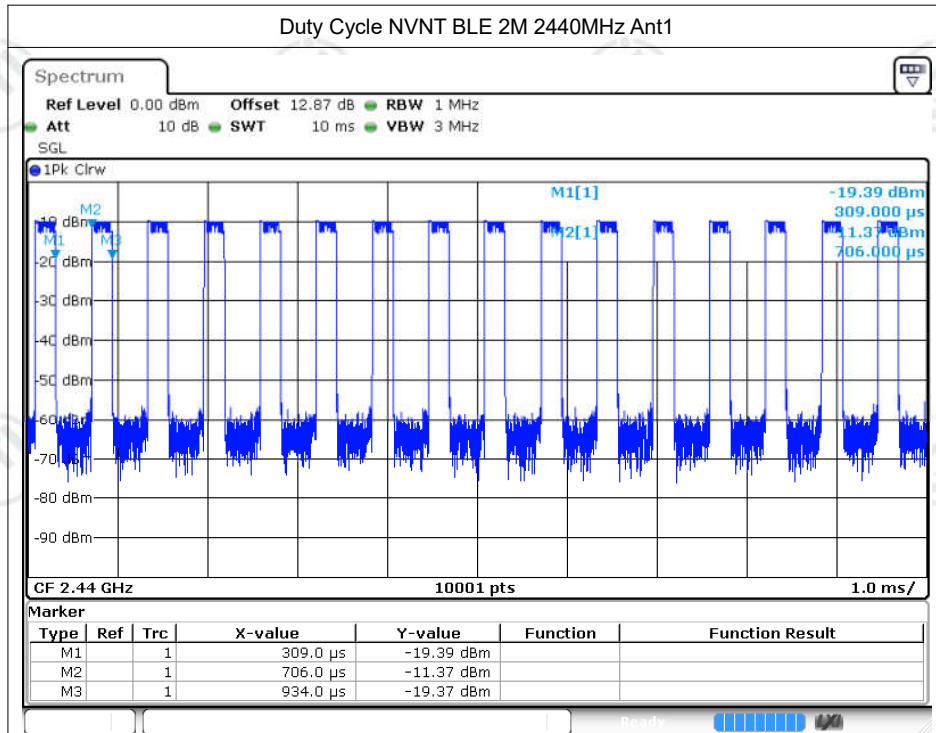
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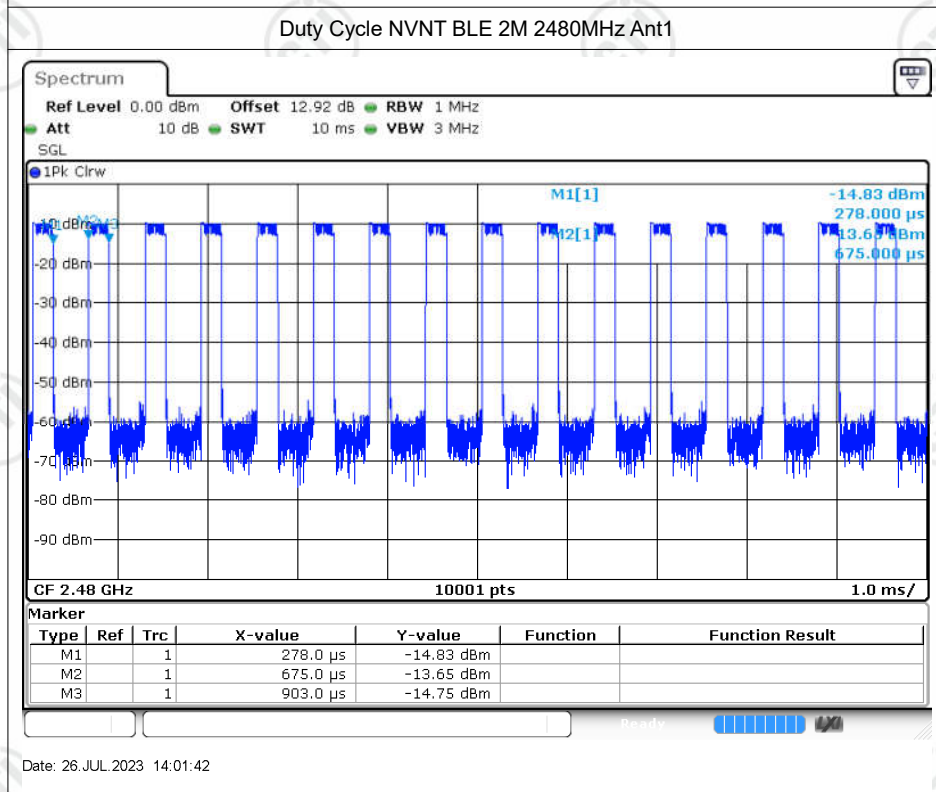
Date: 26.JUL.2023 13:52:05



Date: 26.JUL.2023 13:53:53



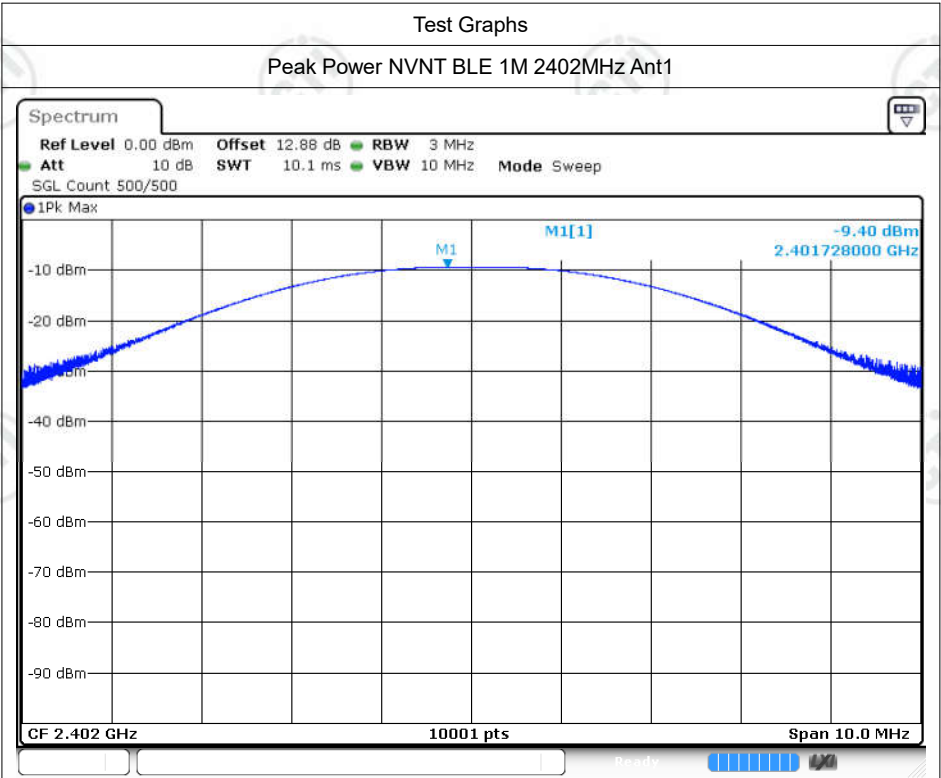
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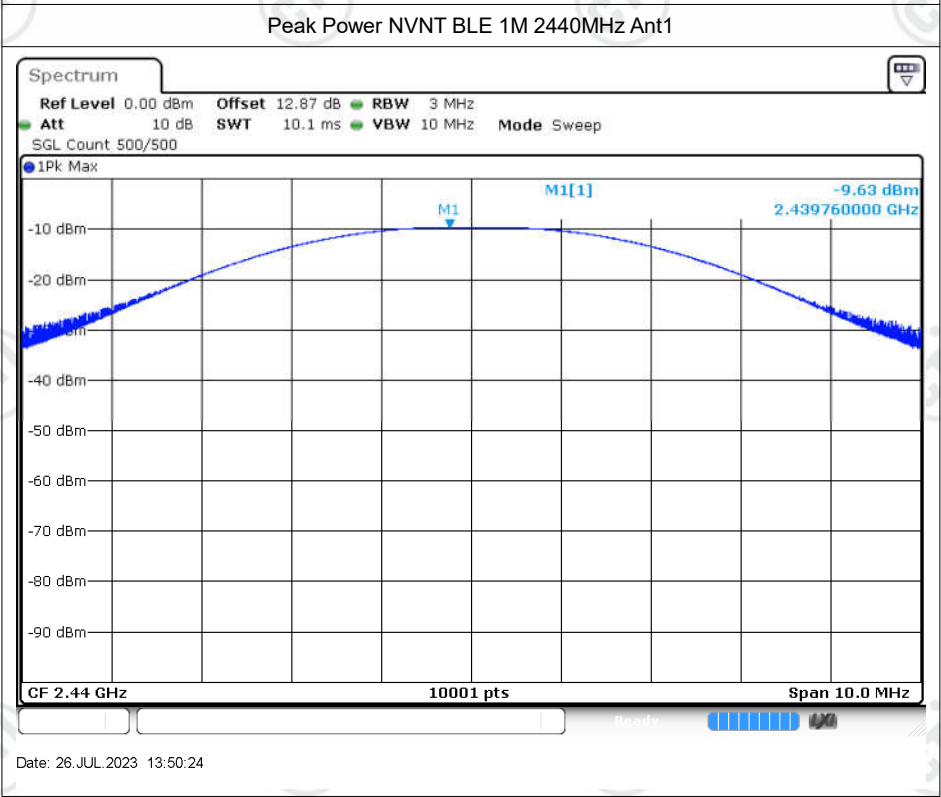
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Maximum Peak Conducted Output Power

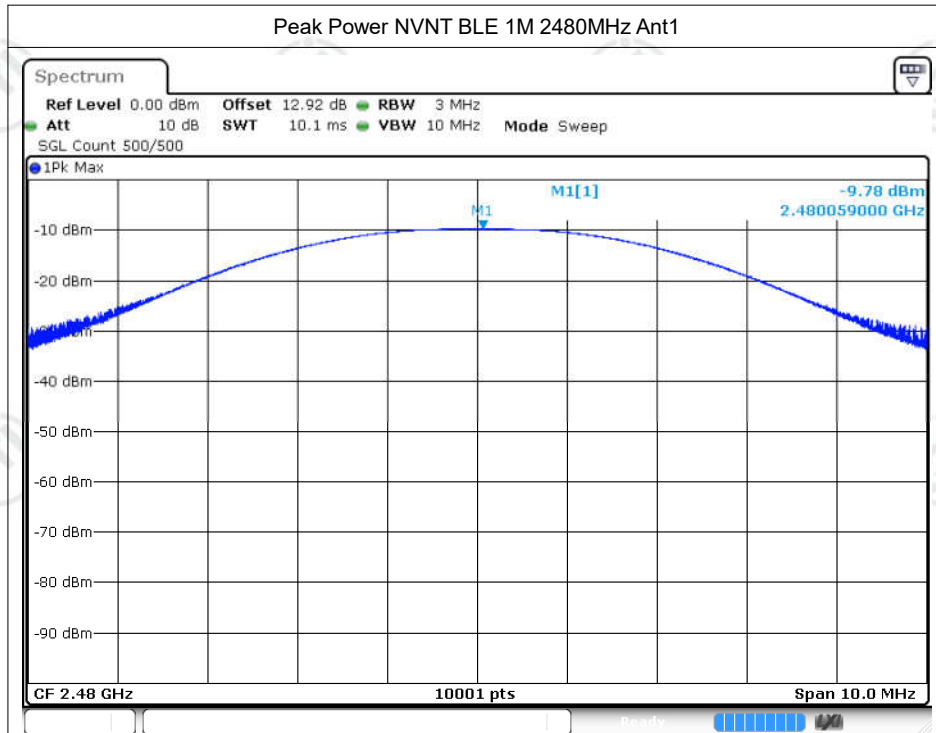
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-9.4	30	Pass
NVNT	BLE 1M	2440	Ant1	-9.63	30	Pass
NVNT	BLE 1M	2480	Ant1	-9.78	30	Pass
NVNT	BLE 2M	2402	Ant1	-9.4	30	Pass
NVNT	BLE 2M	2440	Ant1	-9.63	30	Pass
NVNT	BLE 2M	2480	Ant1	-9.77	30	Pass



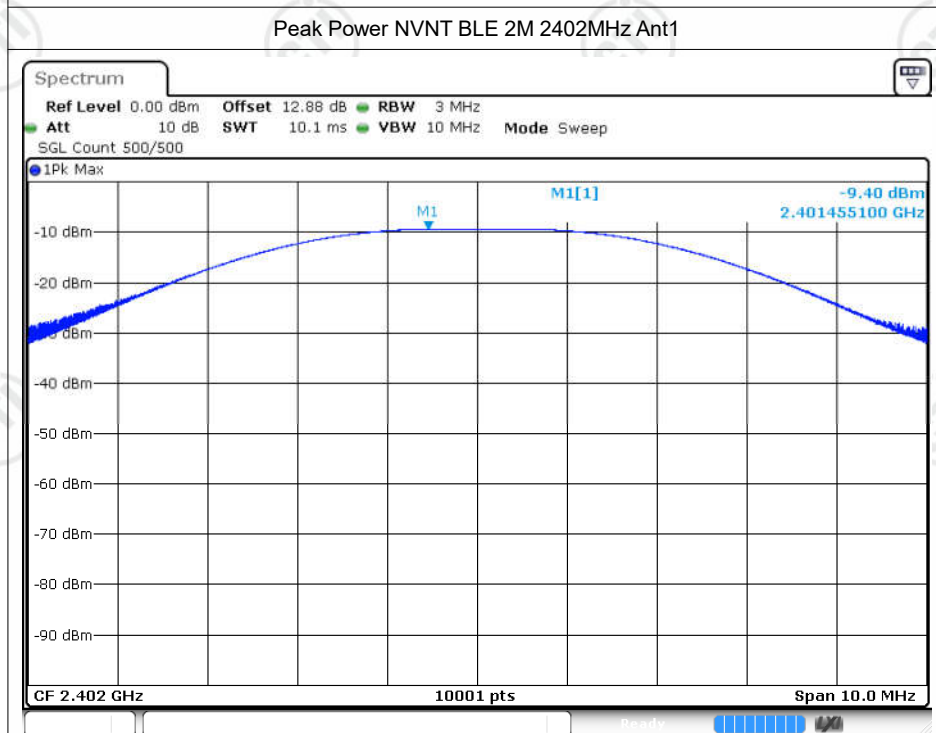
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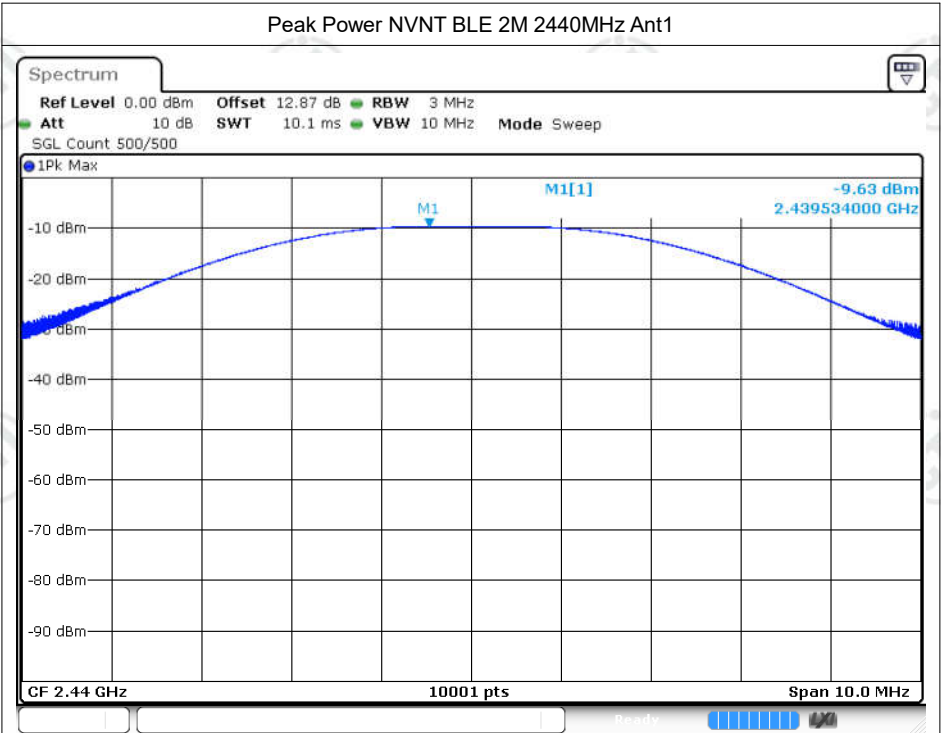
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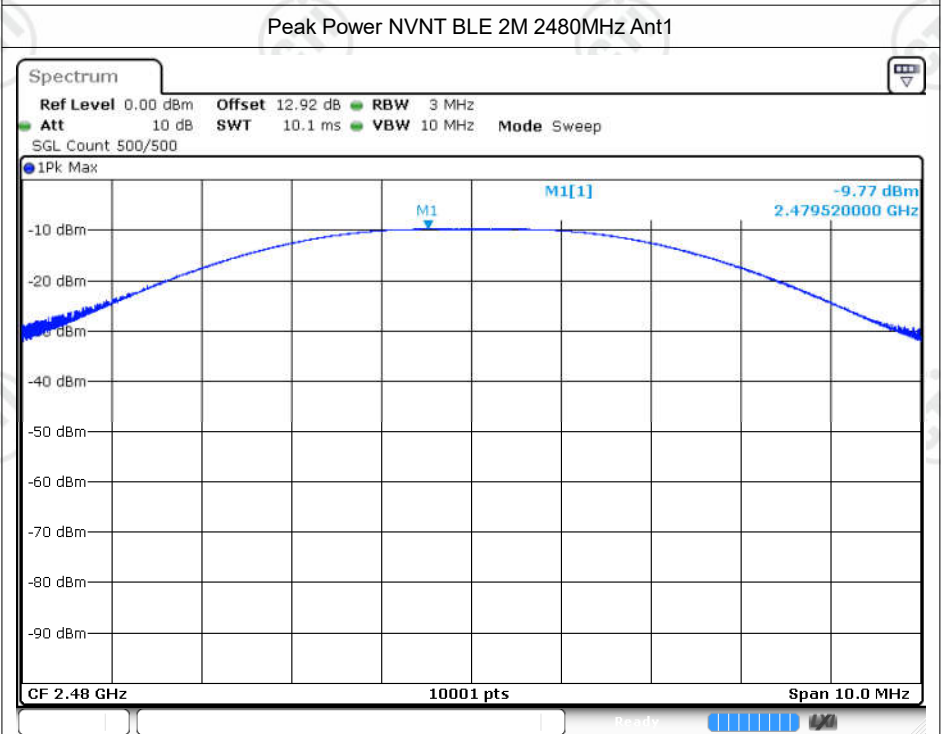
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Date: 26 JUL 2023 13:54:03



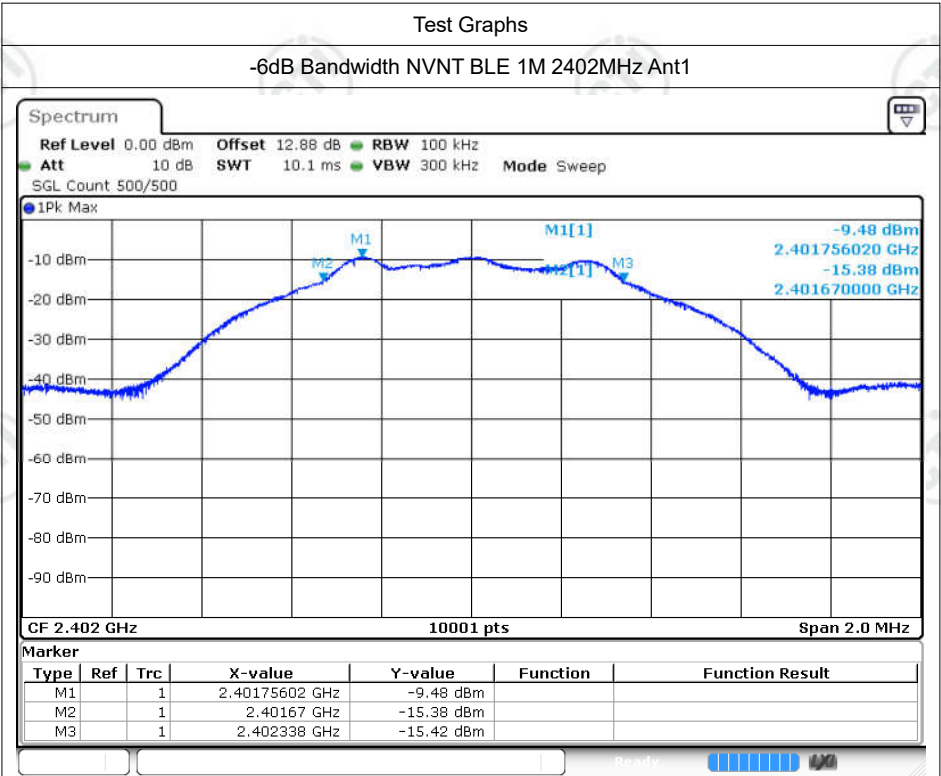
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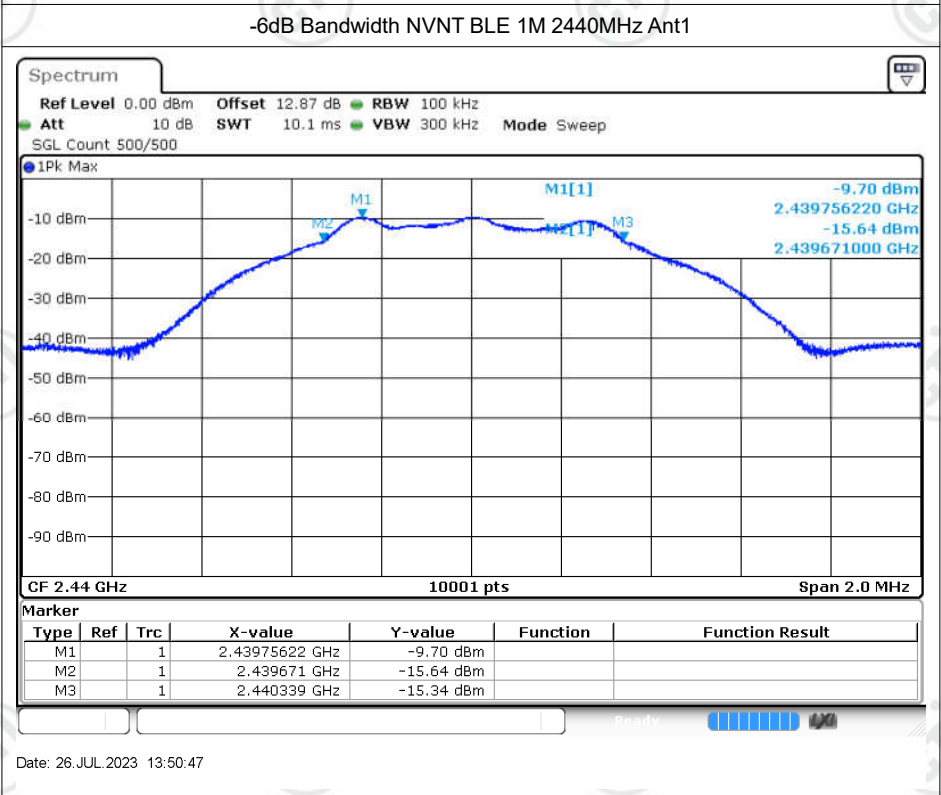
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-6dB Bandwidth

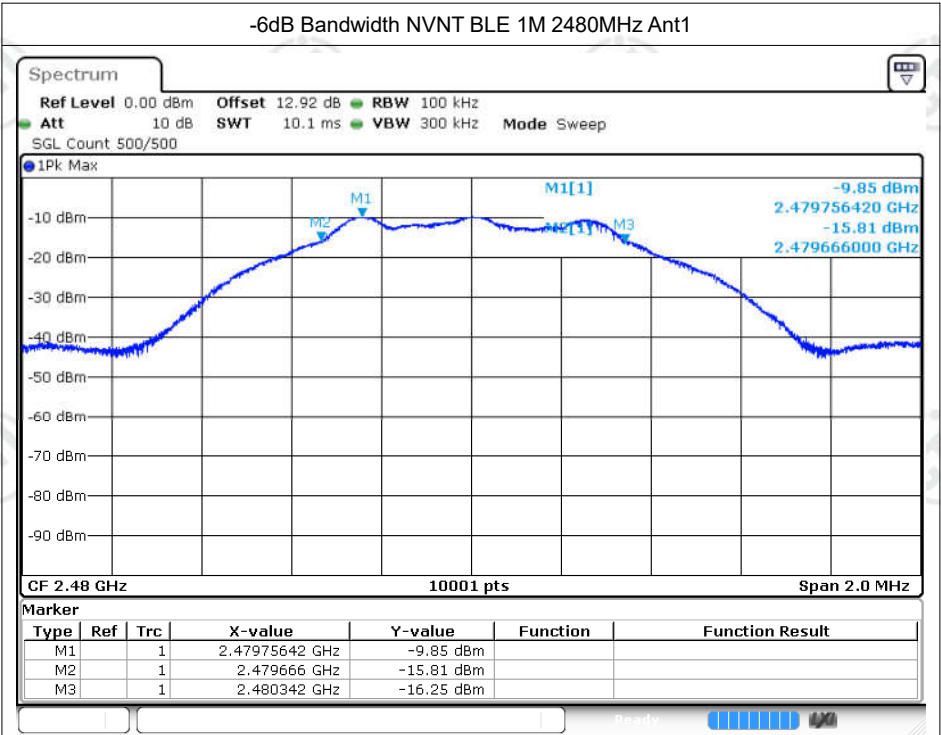
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.668	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.669	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.676	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.15	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.162	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.162	0.5	Pass



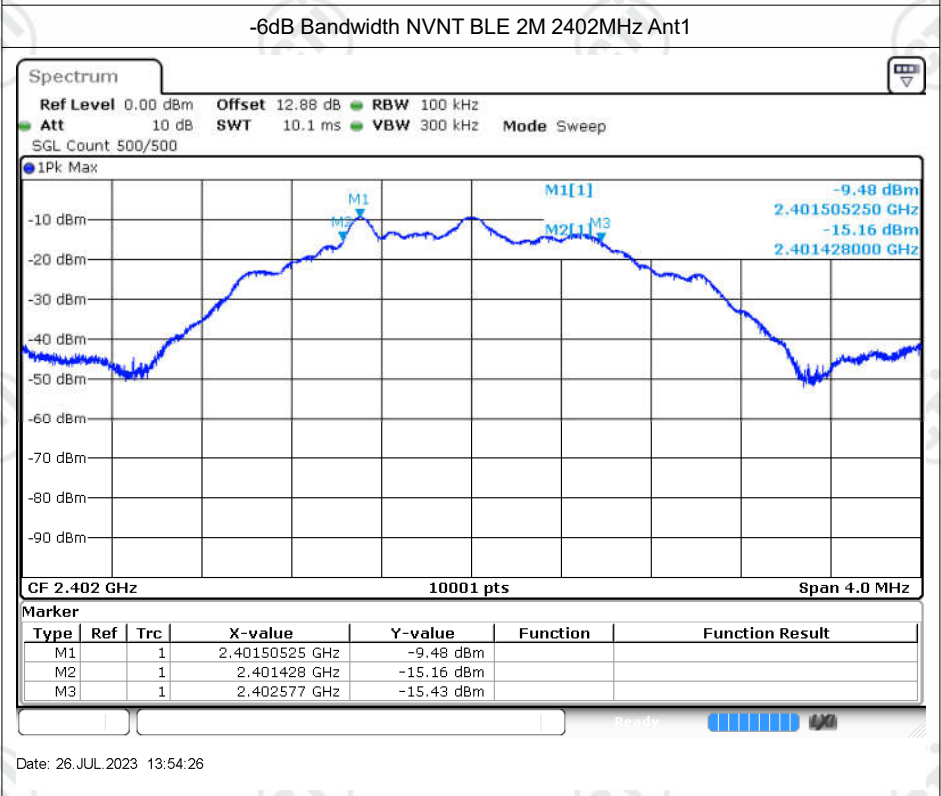
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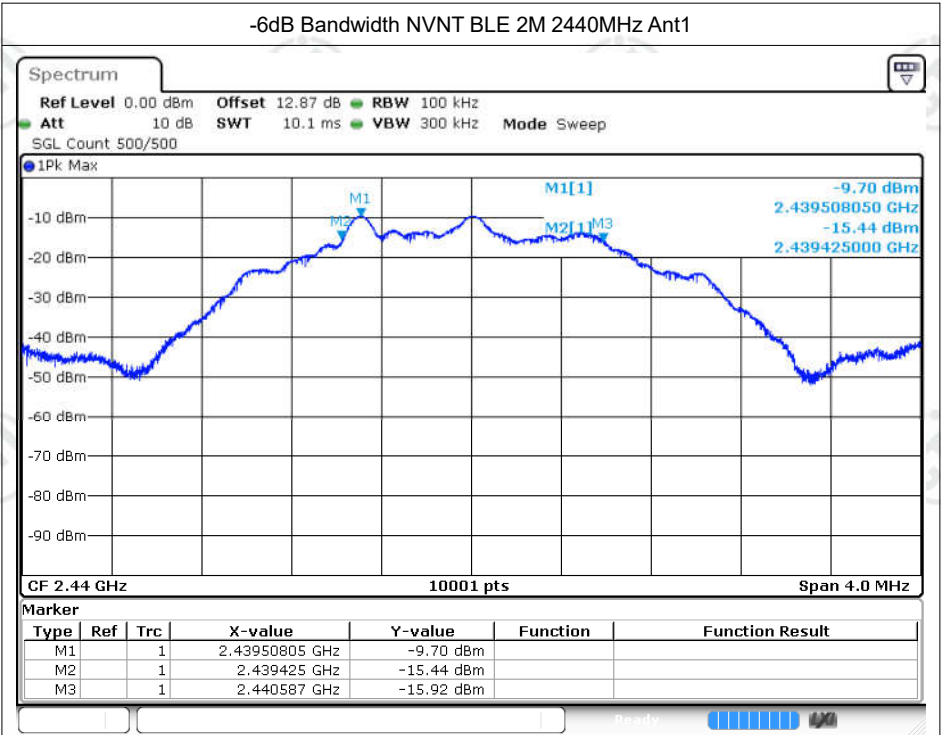
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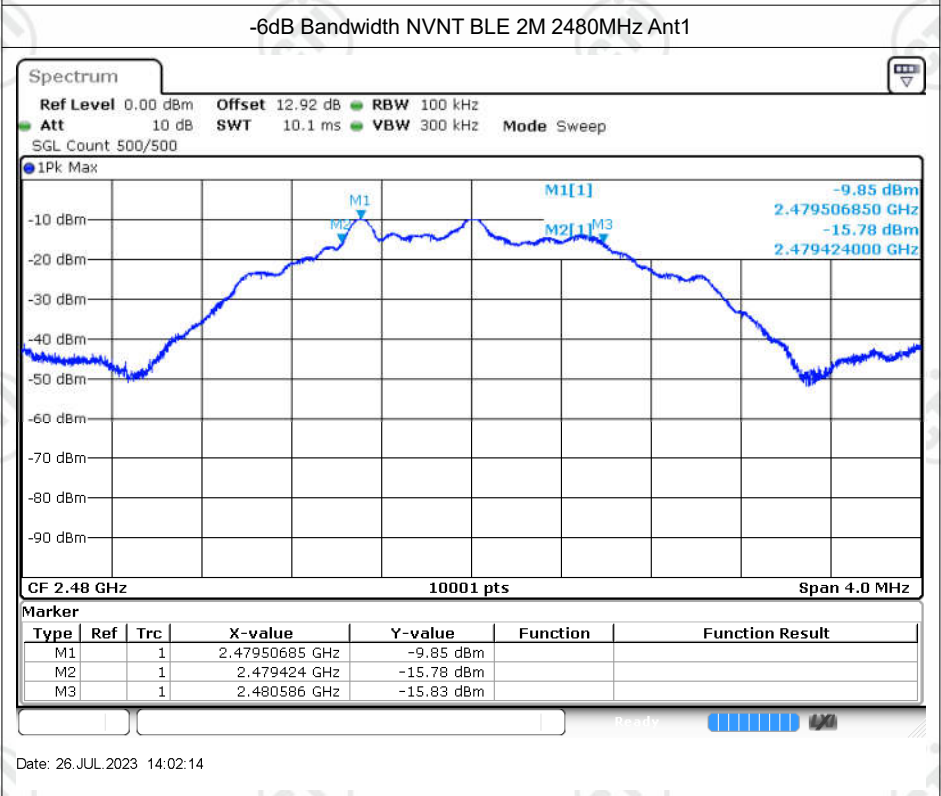
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Date: 26 JUL 2023 13:54:26



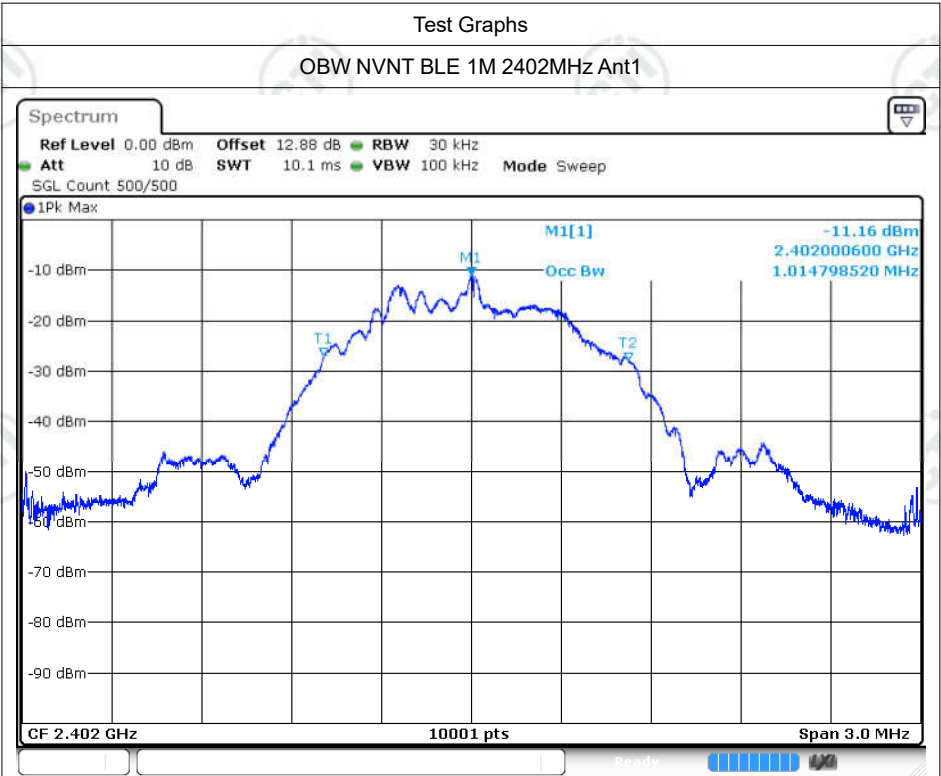
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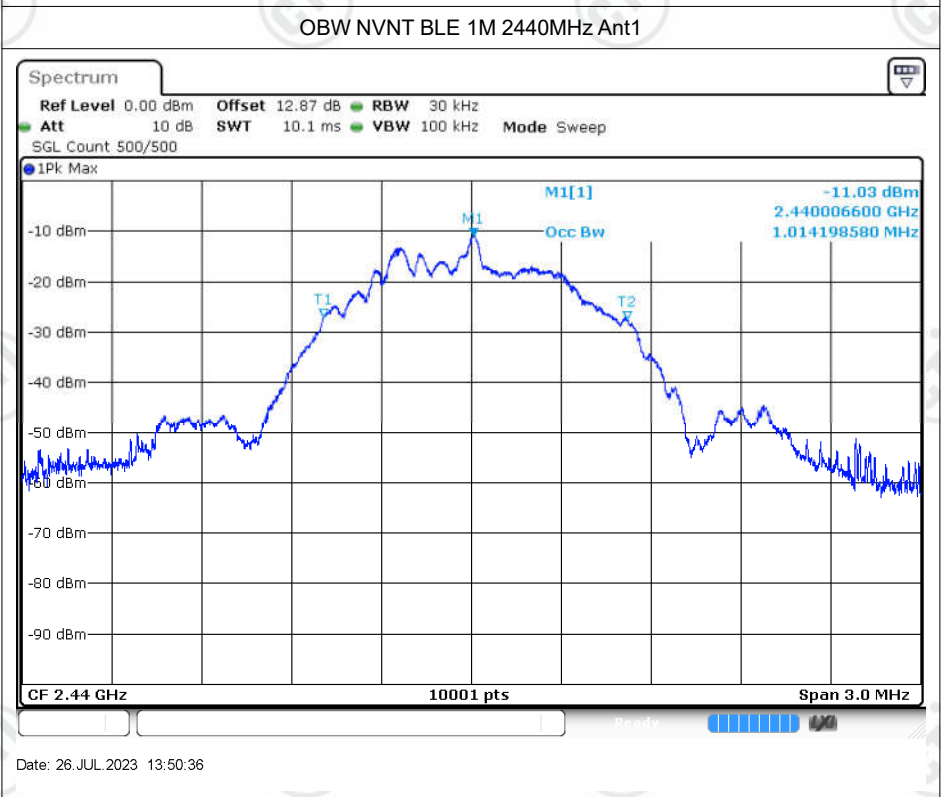
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Occupied Channel Bandwidth

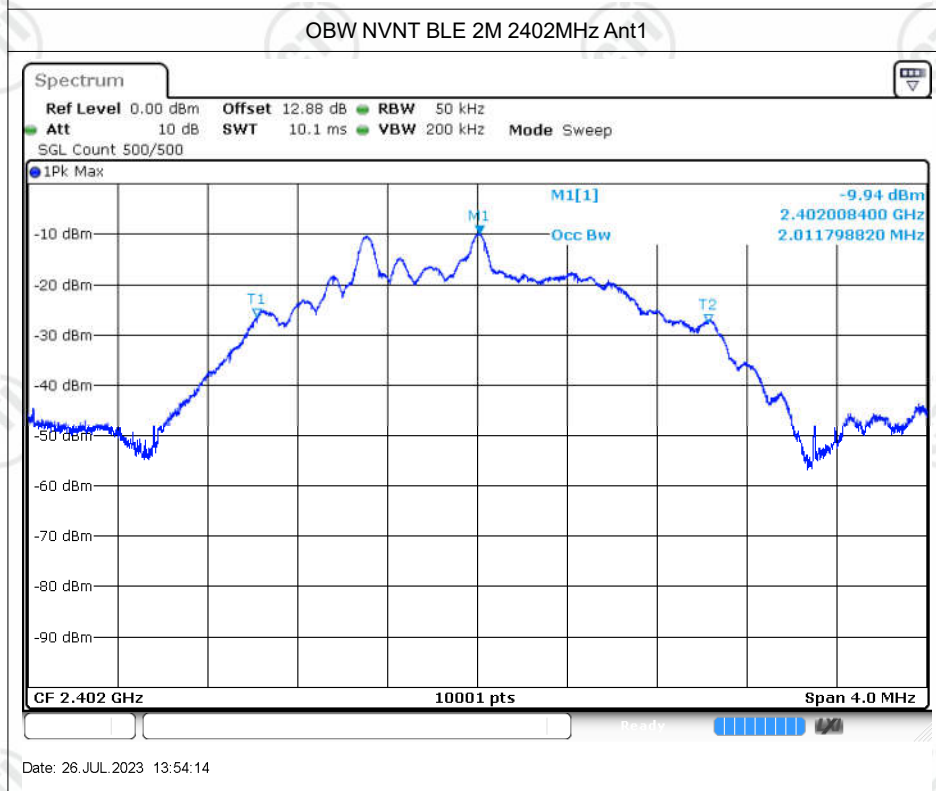
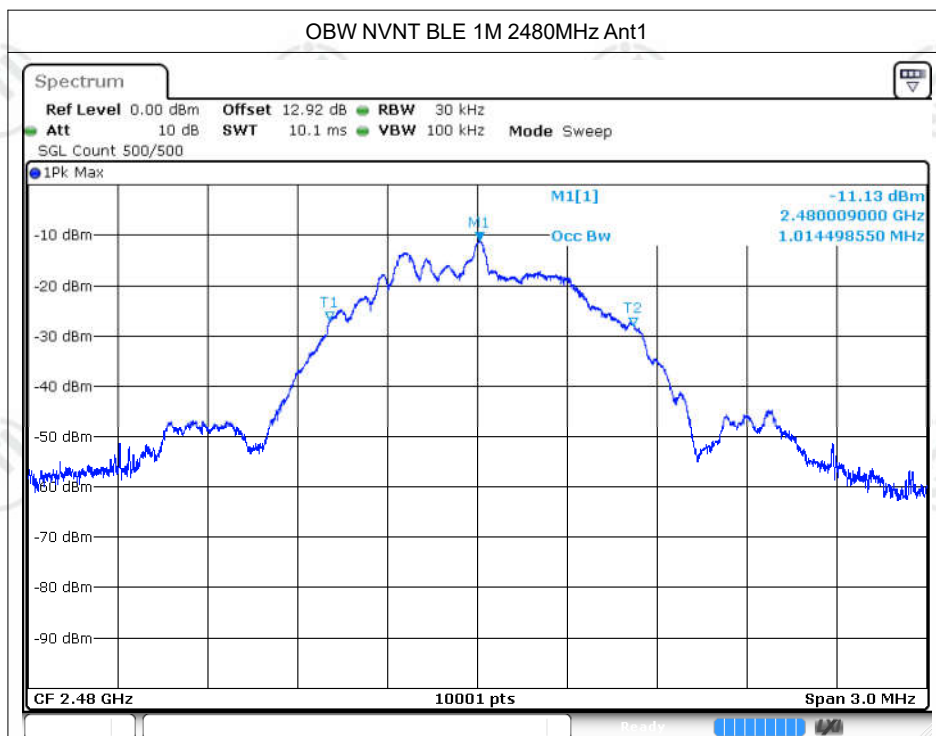
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.015
NVNT	BLE 1M	2440	Ant1	1.014
NVNT	BLE 1M	2480	Ant1	1.014
NVNT	BLE 2M	2402	Ant1	2.012
NVNT	BLE 2M	2440	Ant1	2.013
NVNT	BLE 2M	2480	Ant1	2.015

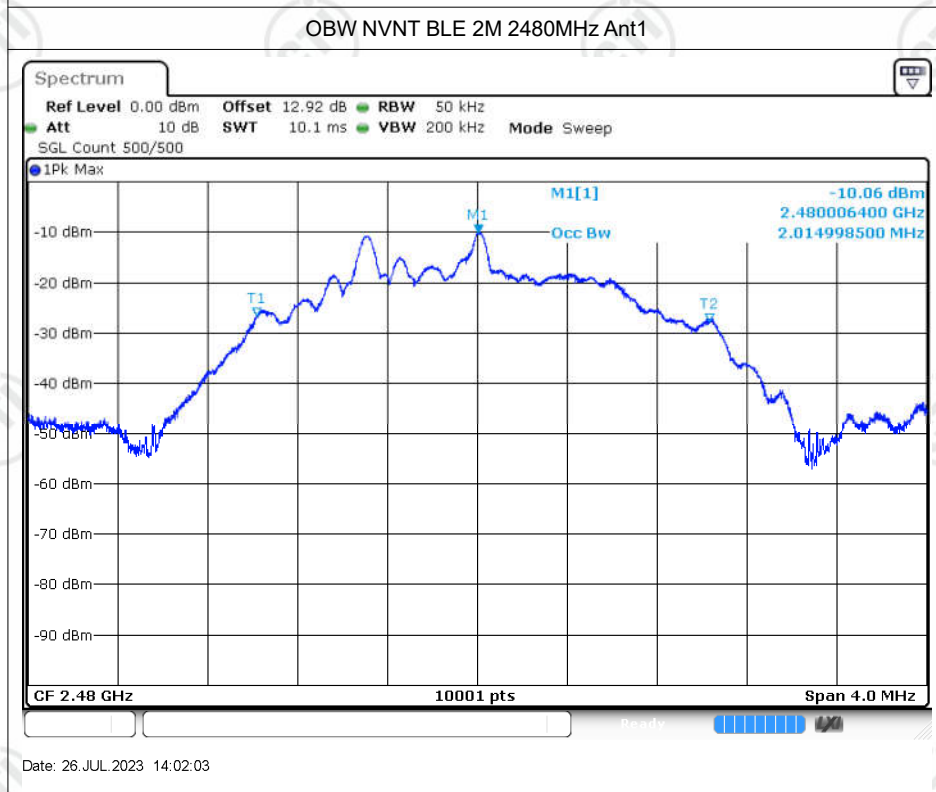
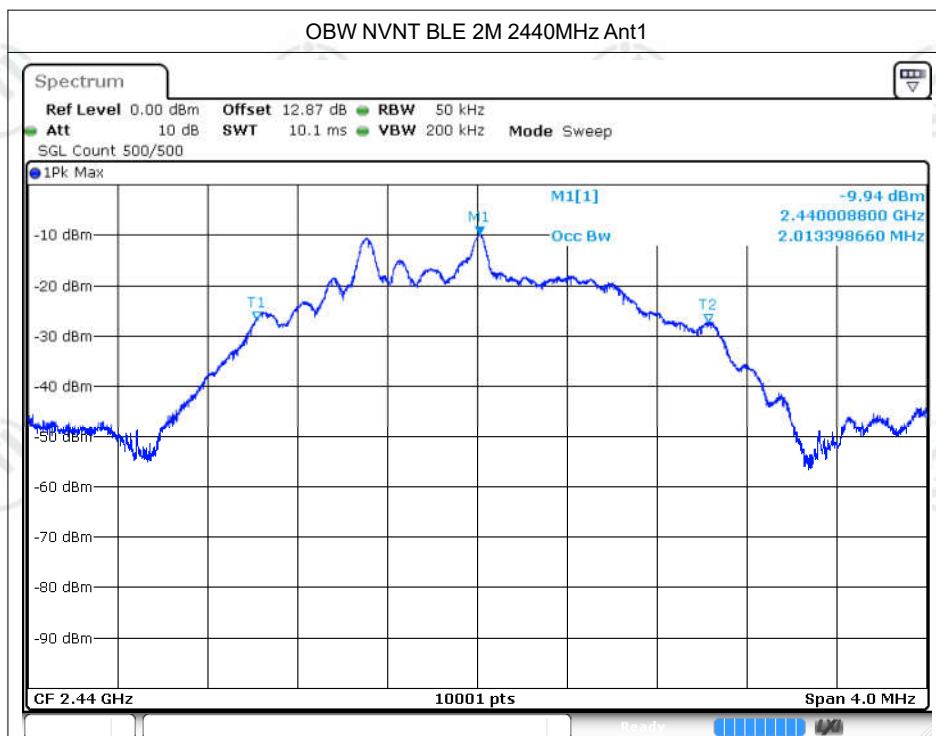


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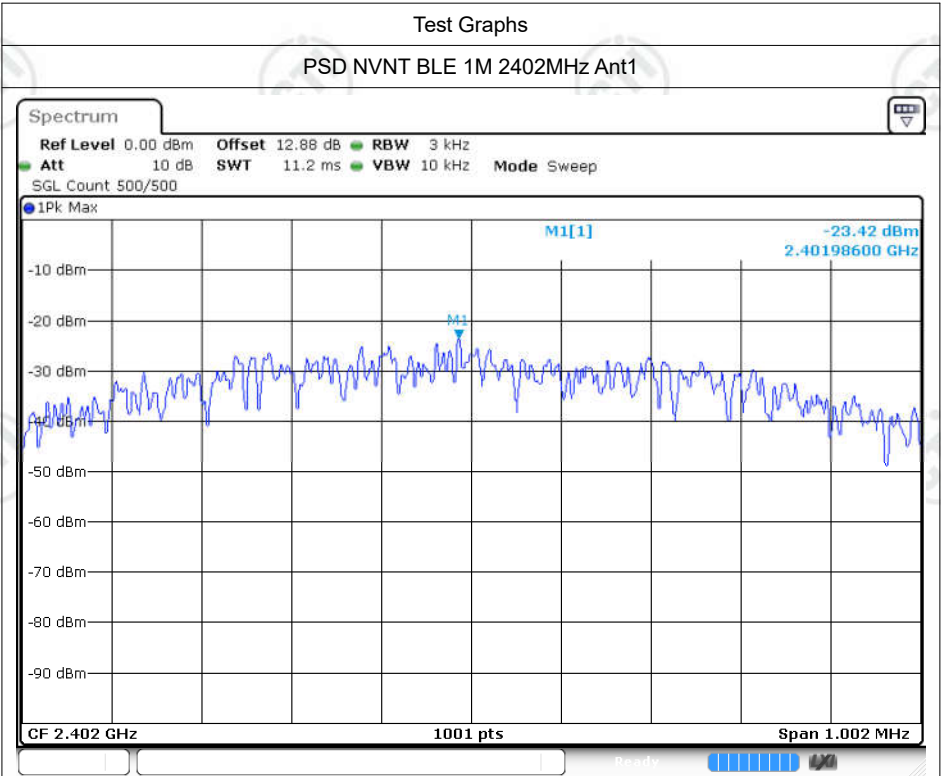
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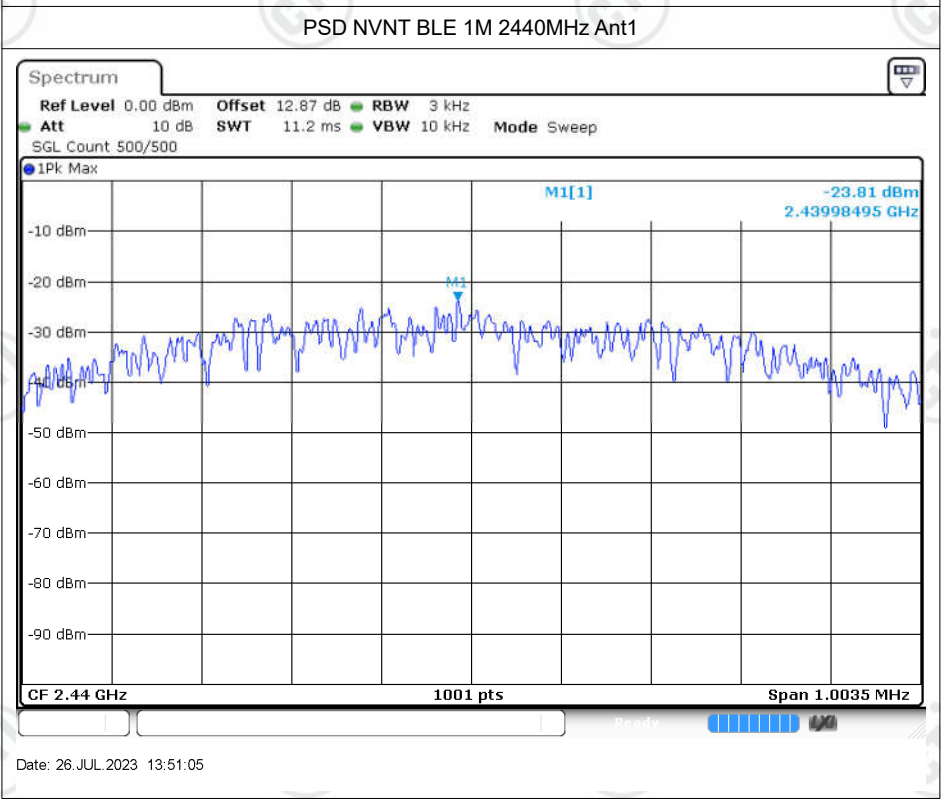


Maximum Power Spectral Density Level

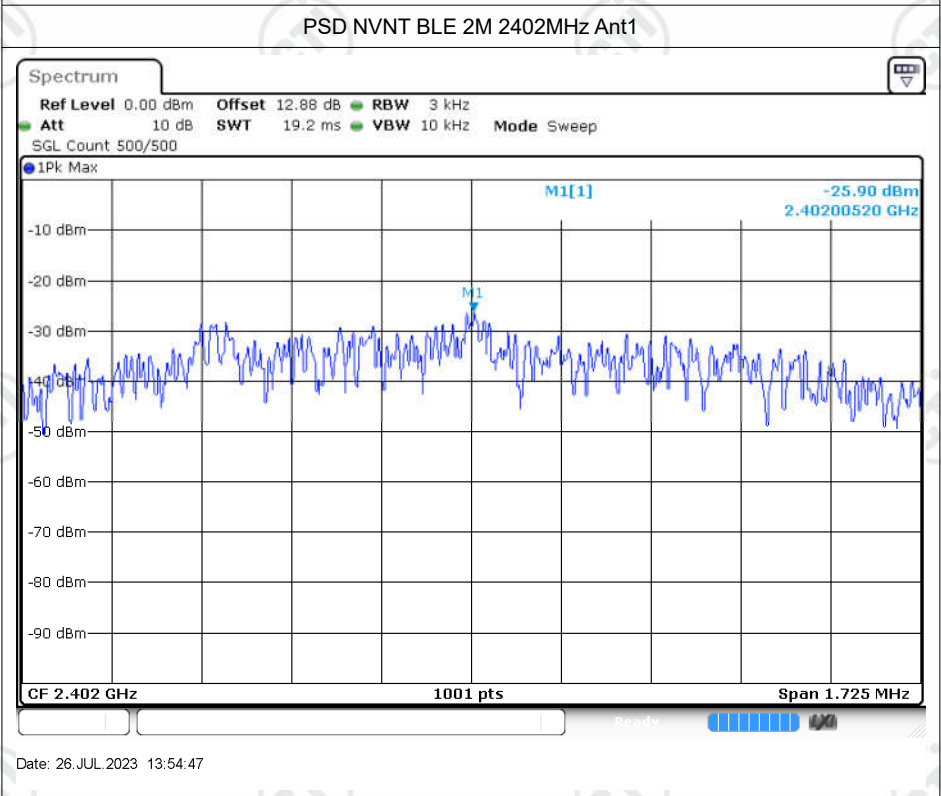
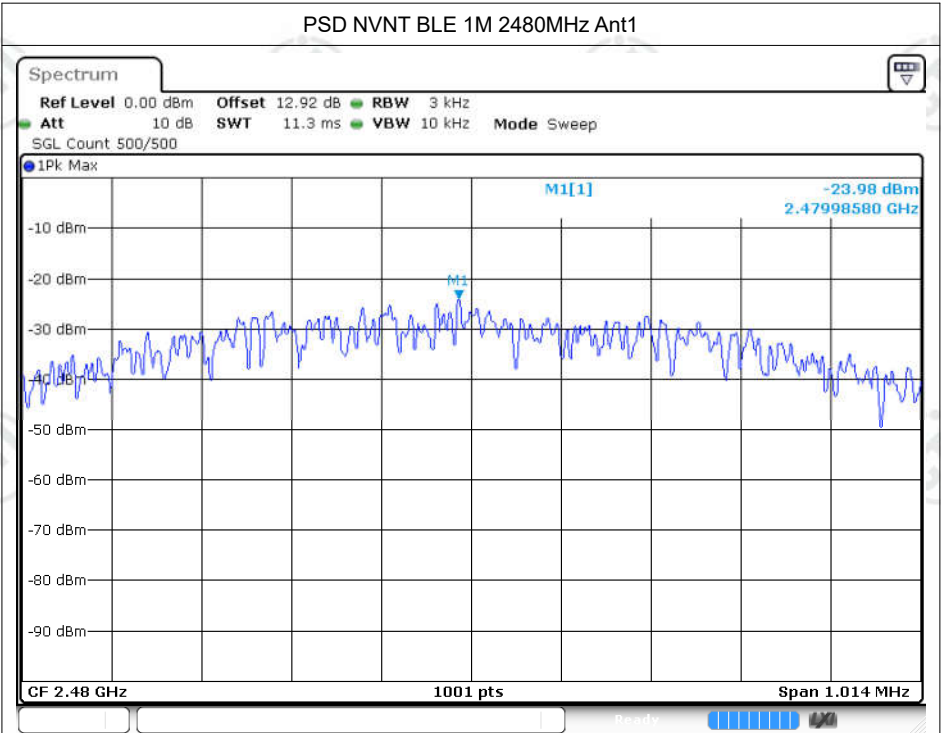
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-23.42	8	Pass
NVNT	BLE 1M	2440	Ant1	-23.81	8	Pass
NVNT	BLE 1M	2480	Ant1	-23.98	8	Pass
NVNT	BLE 2M	2402	Ant1	-25.9	8	Pass
NVNT	BLE 2M	2440	Ant1	-25.87	8	Pass
NVNT	BLE 2M	2480	Ant1	-26.04	8	Pass

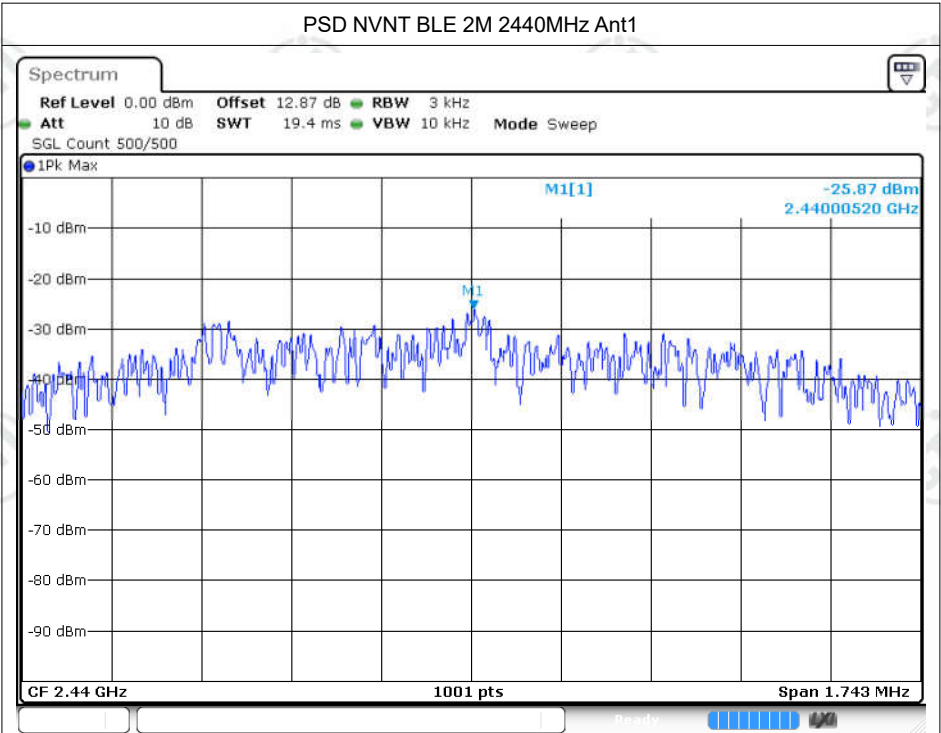


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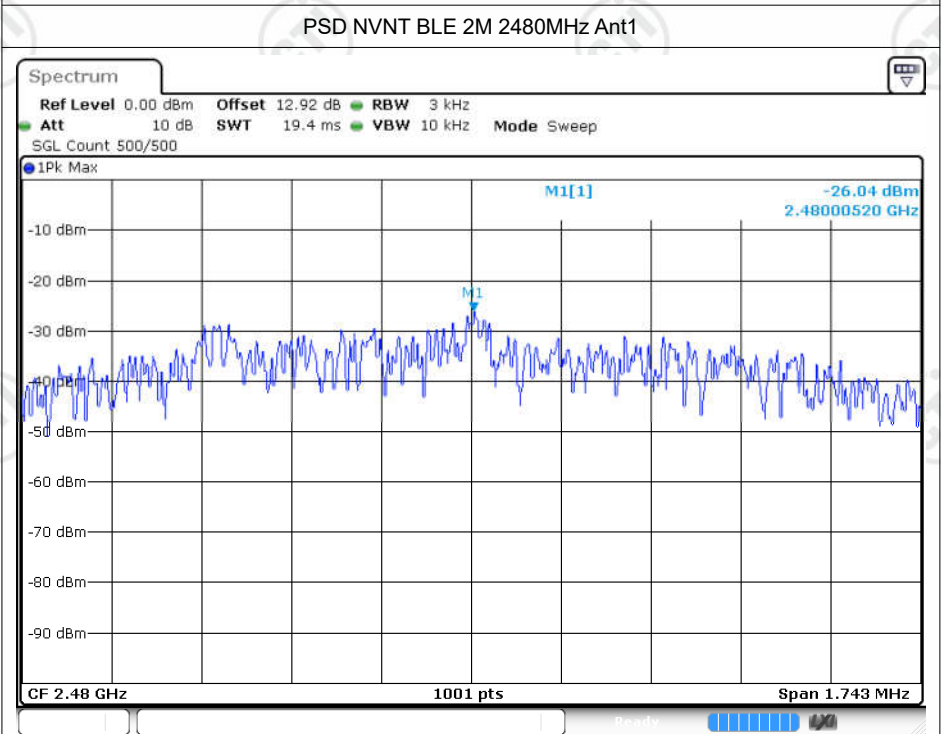


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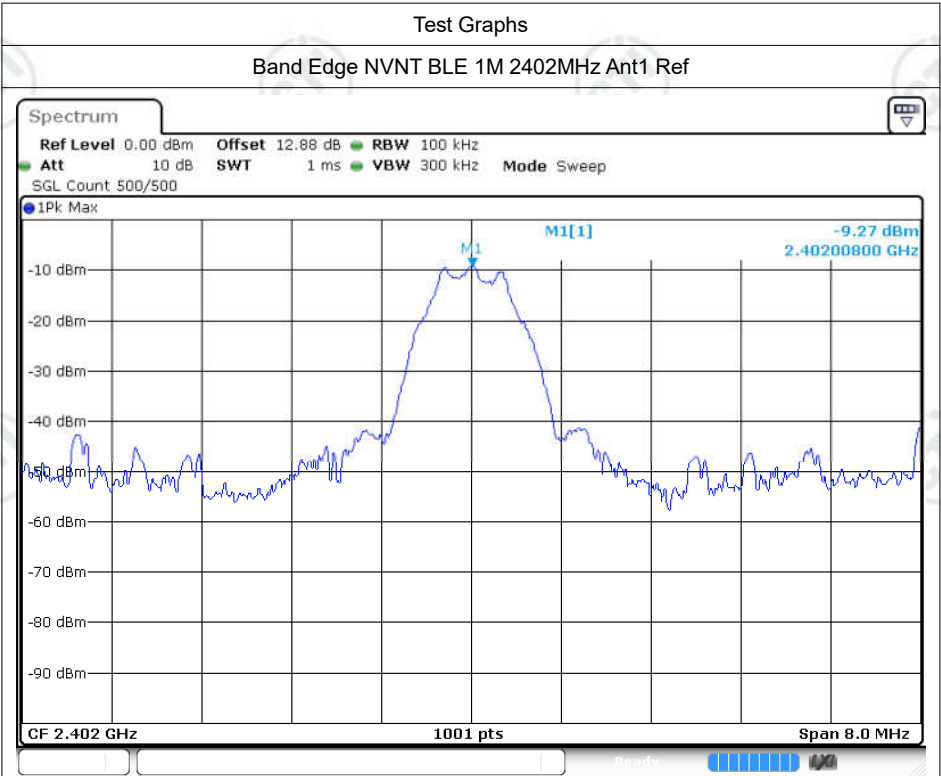
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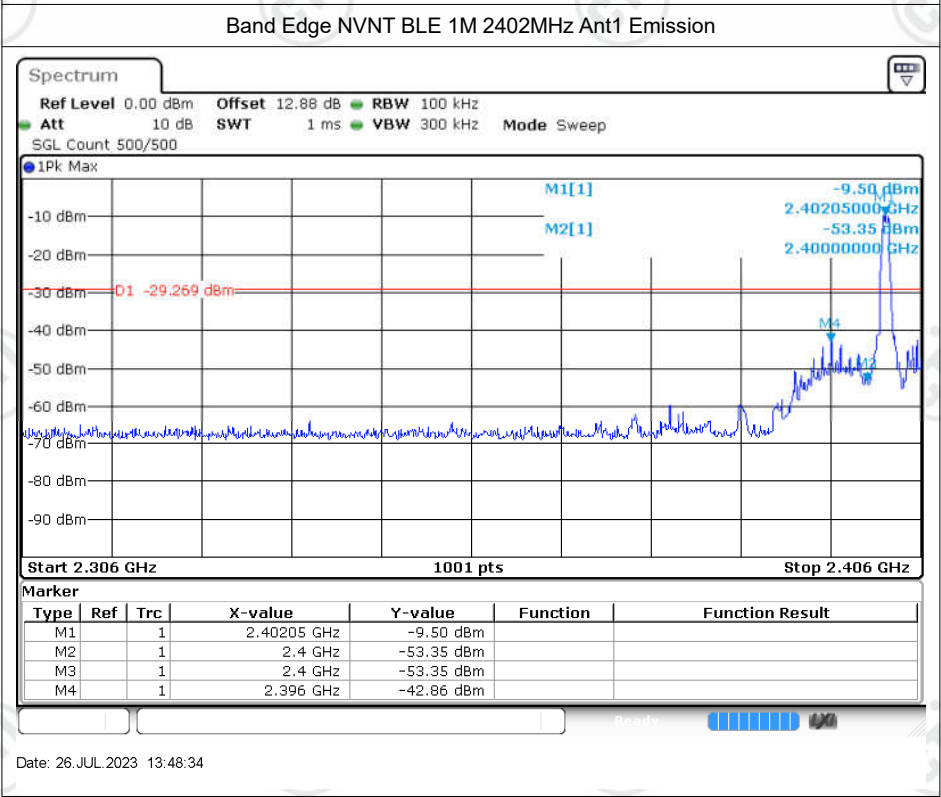
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Band Edge

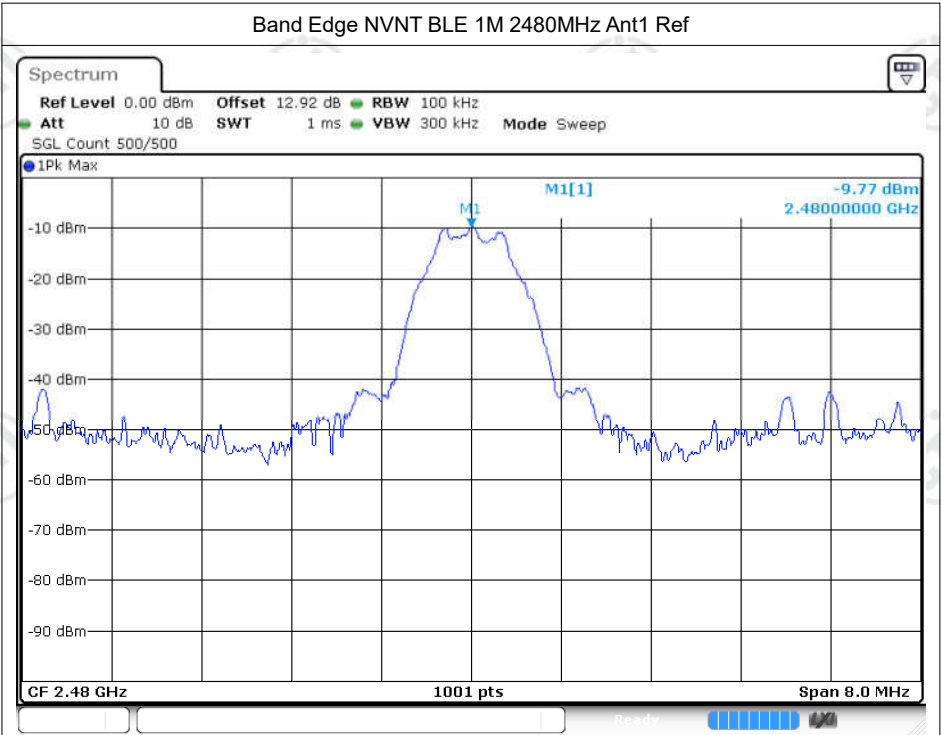
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-33.59	-20	Pass
NVNT	BLE 1M	2480	Ant1	-33.59	-20	Pass
NVNT	BLE 2M	2402	Ant1	-32.9	-20	Pass
NVNT	BLE 2M	2480	Ant1	-31.96	-20	Pass



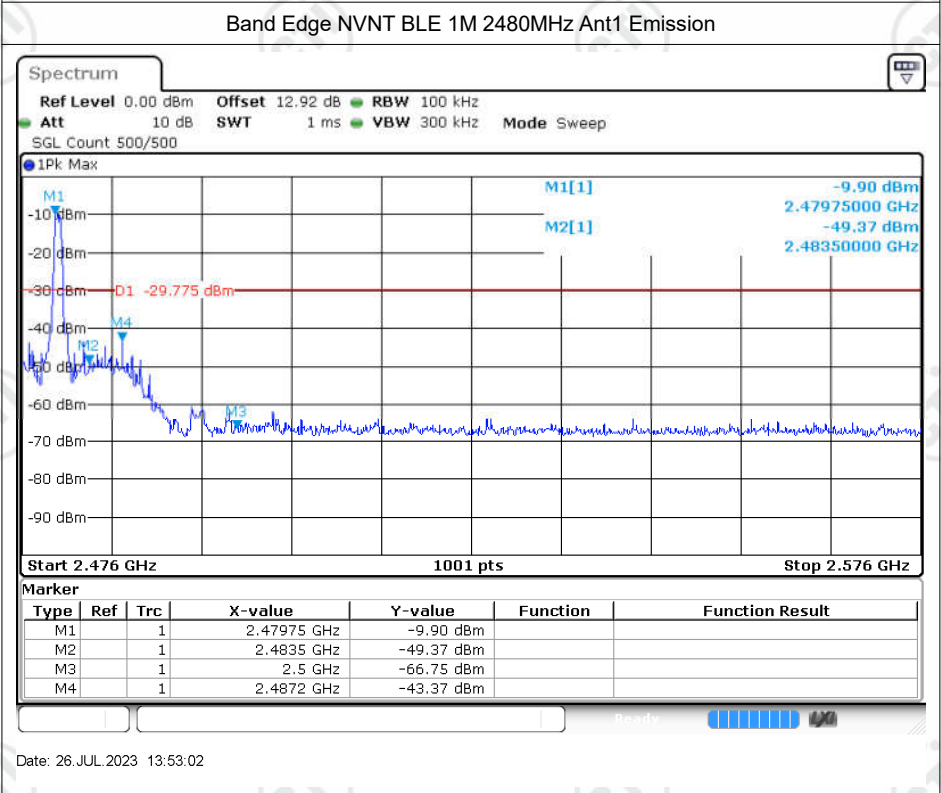
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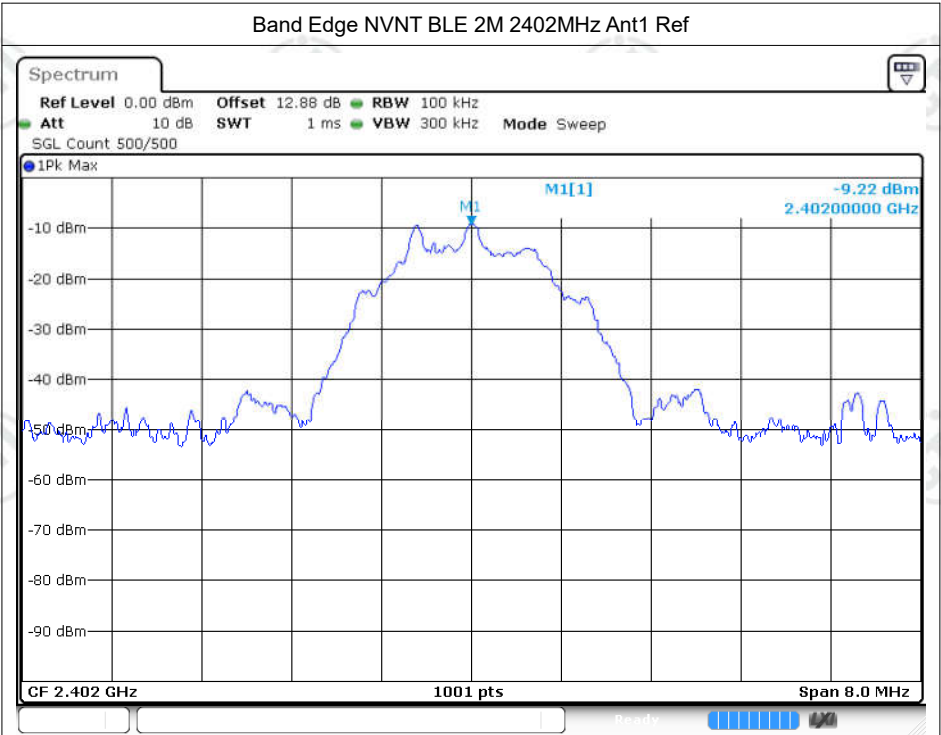


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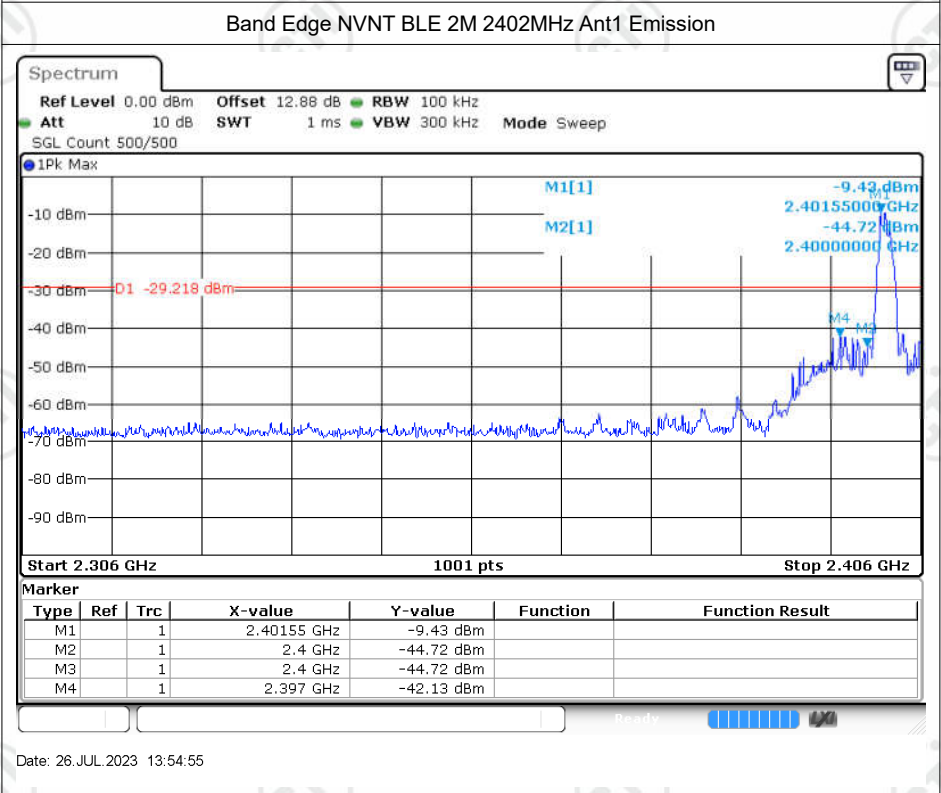


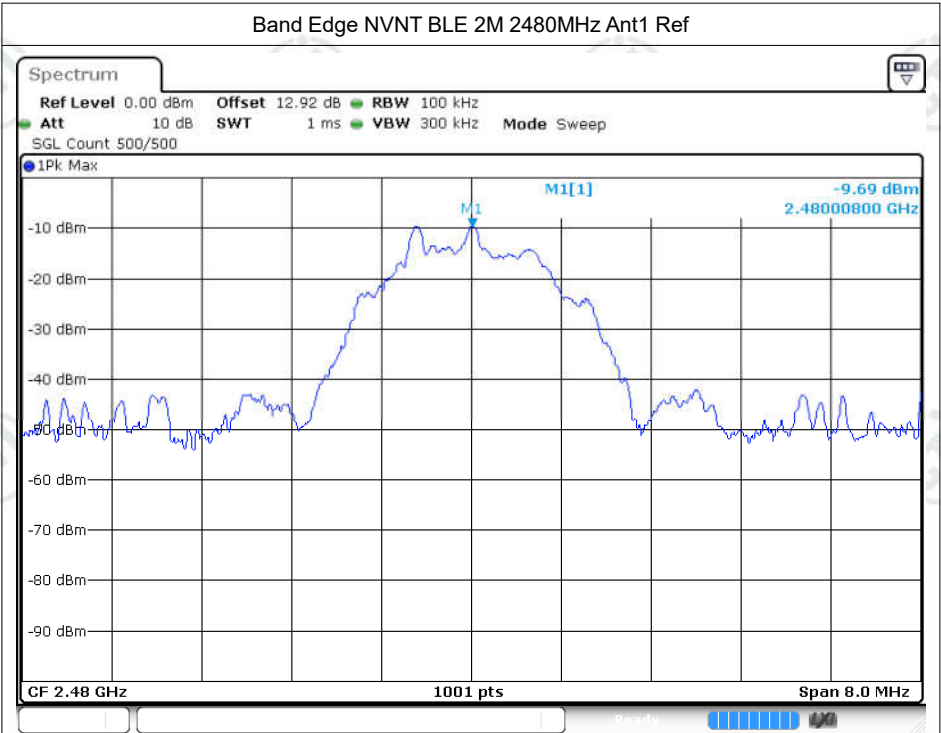
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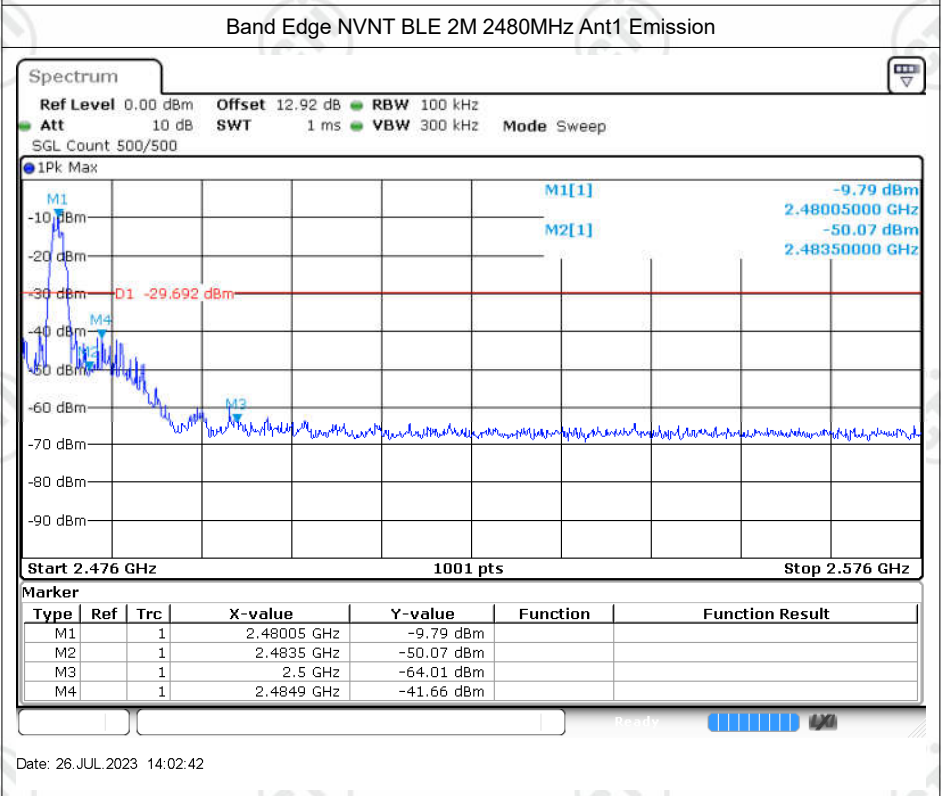


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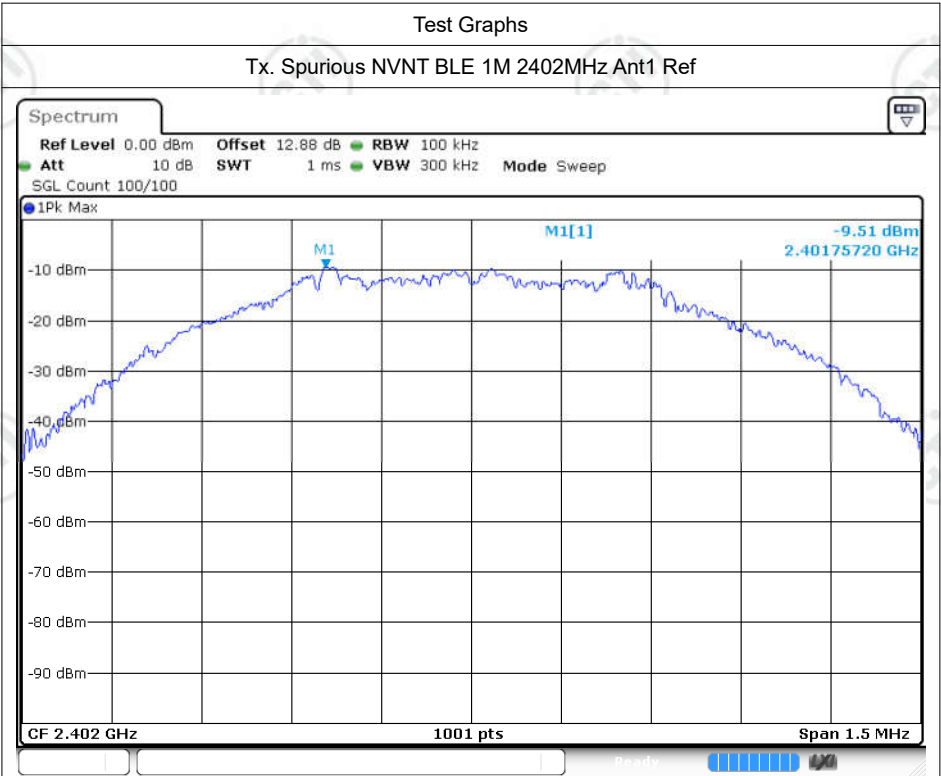


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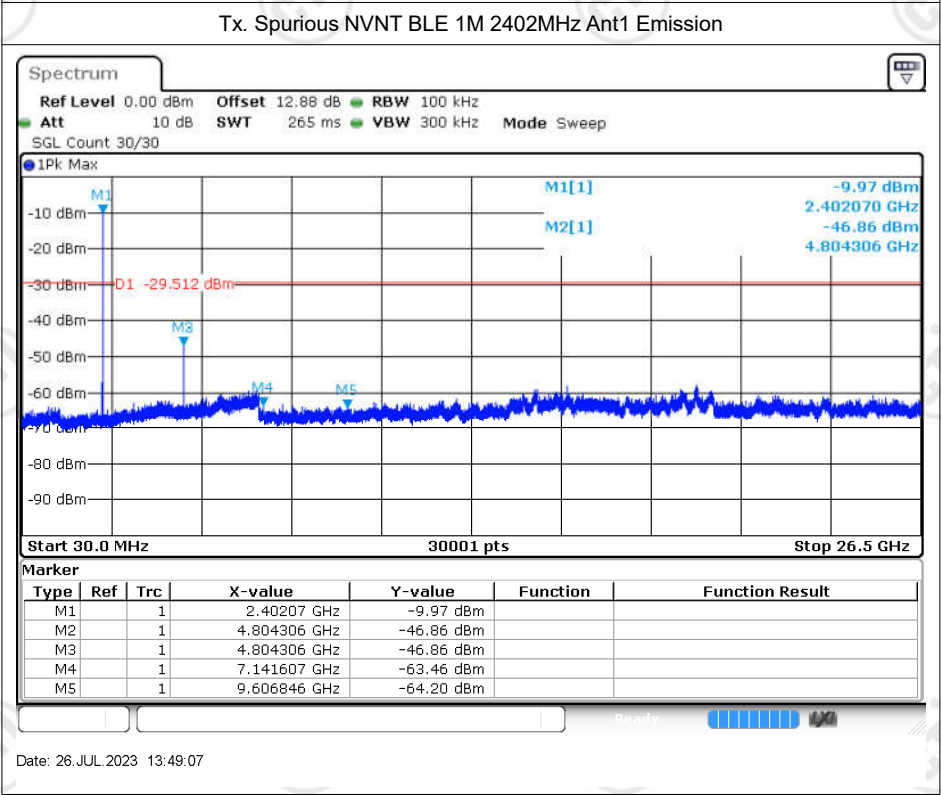


Conducted RF Spurious Emission

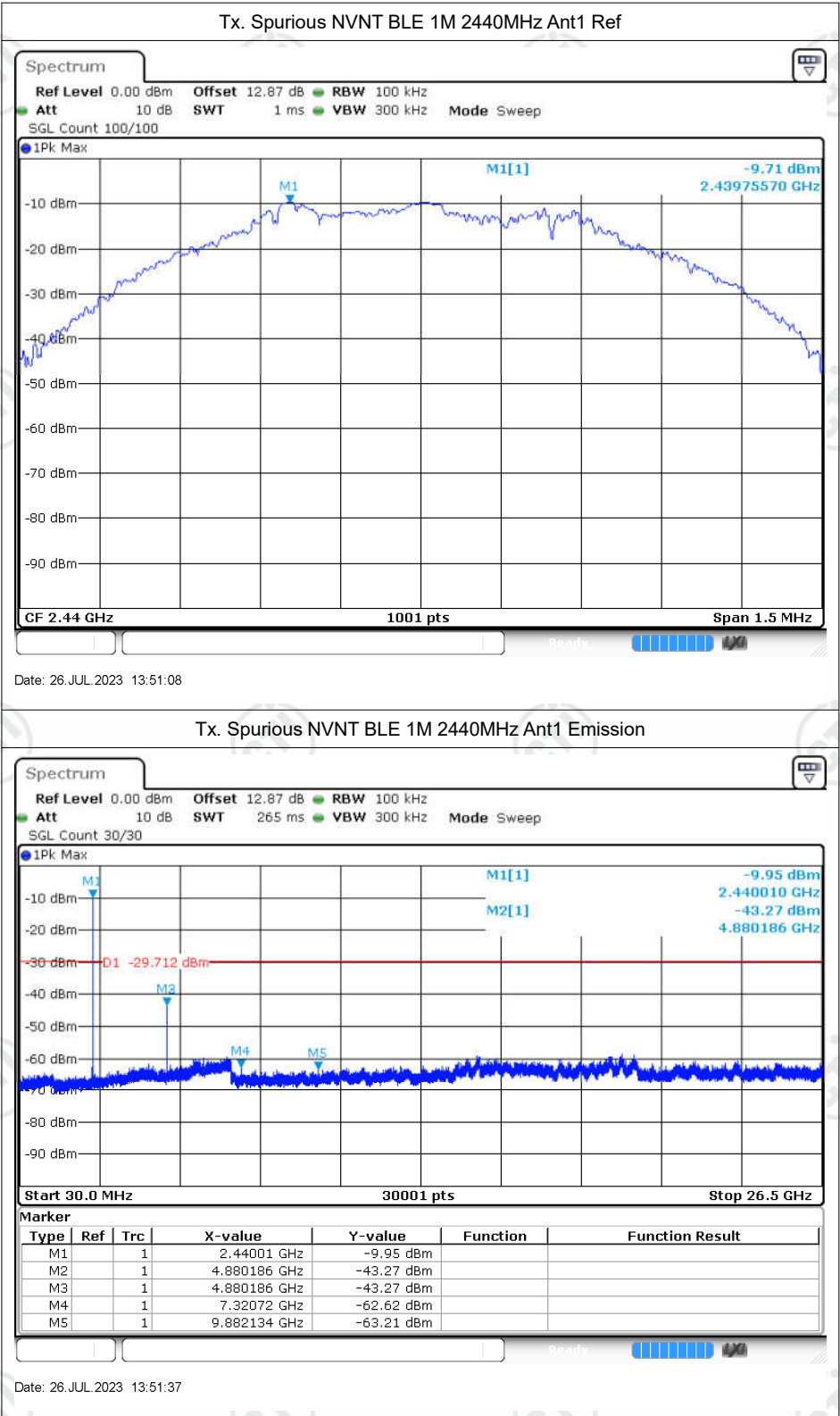
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-37.34	-20	Pass
NVNT	BLE 1M	2440	Ant1	-33.56	-20	Pass
NVNT	BLE 1M	2480	Ant1	-34.23	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.77	-20	Pass
NVNT	BLE 2M	2440	Ant1	-33.34	-20	Pass
NVNT	BLE 2M	2480	Ant1	-35.92	-20	Pass

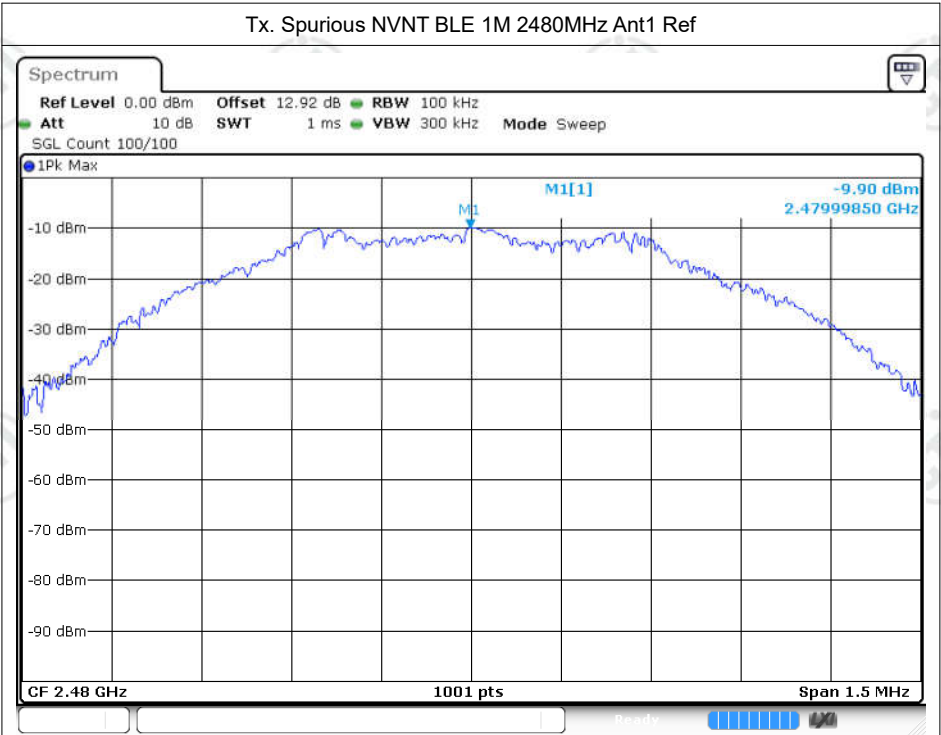


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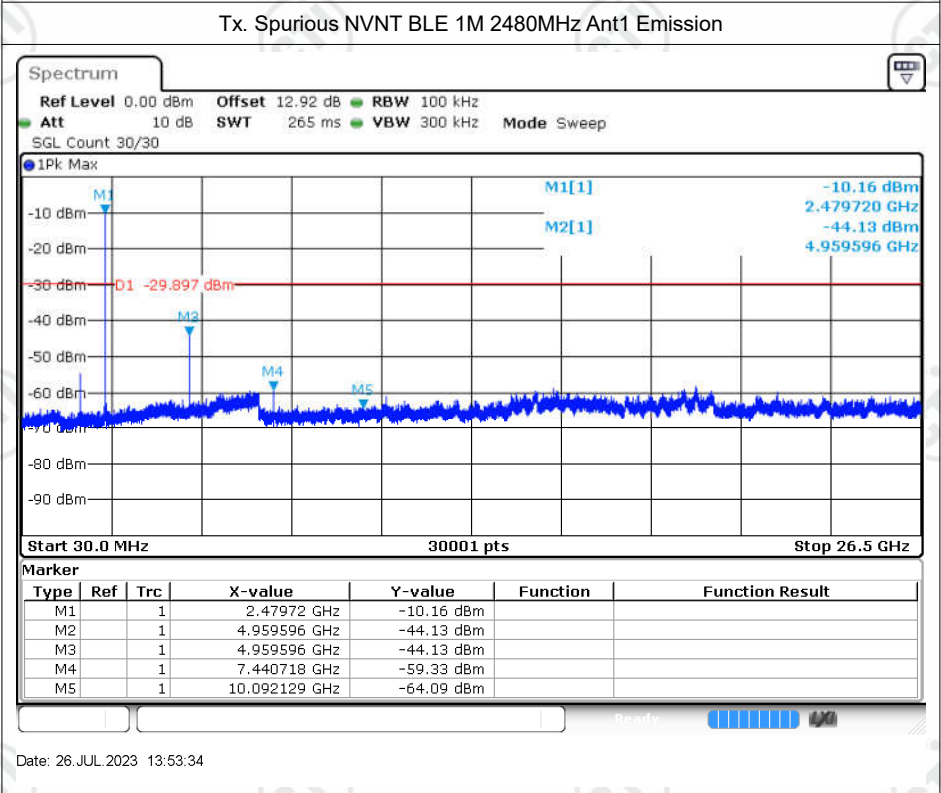


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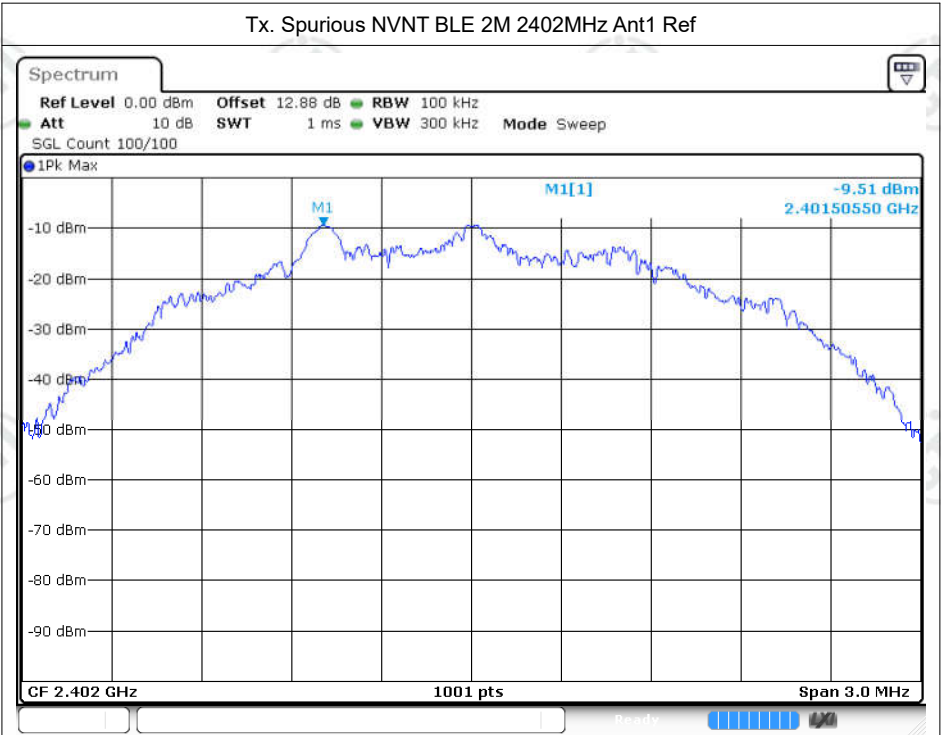




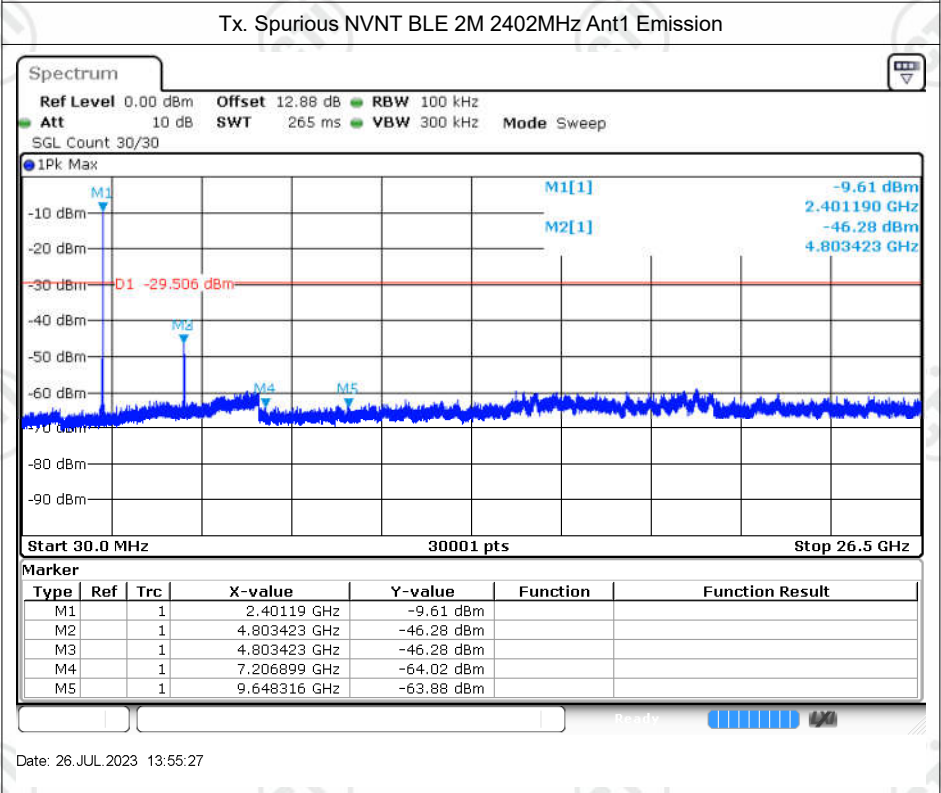
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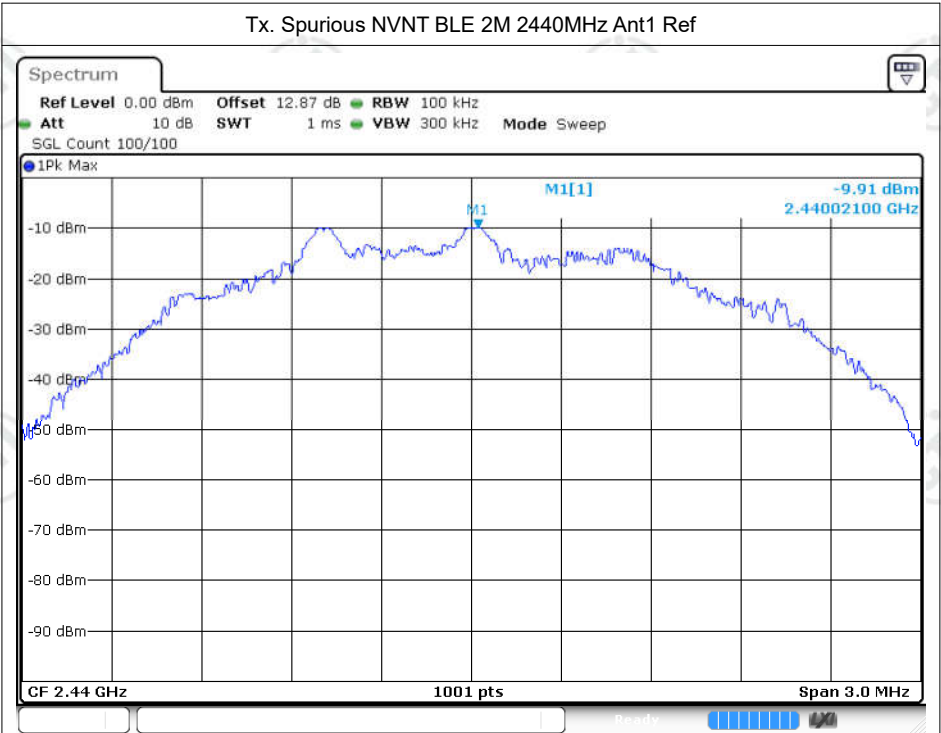
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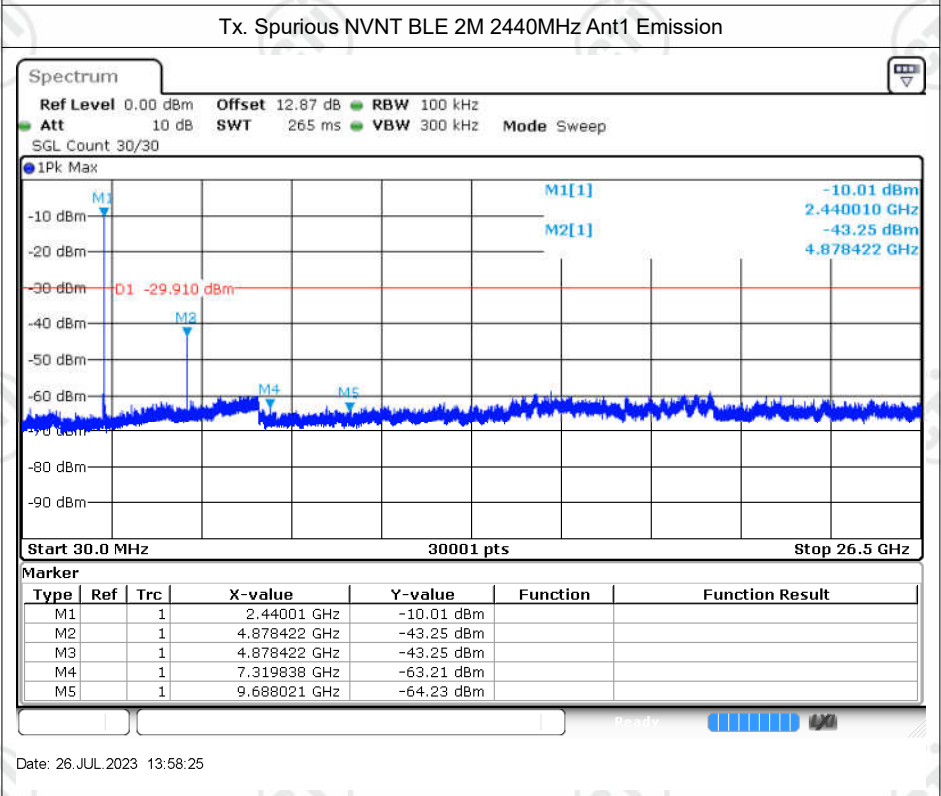
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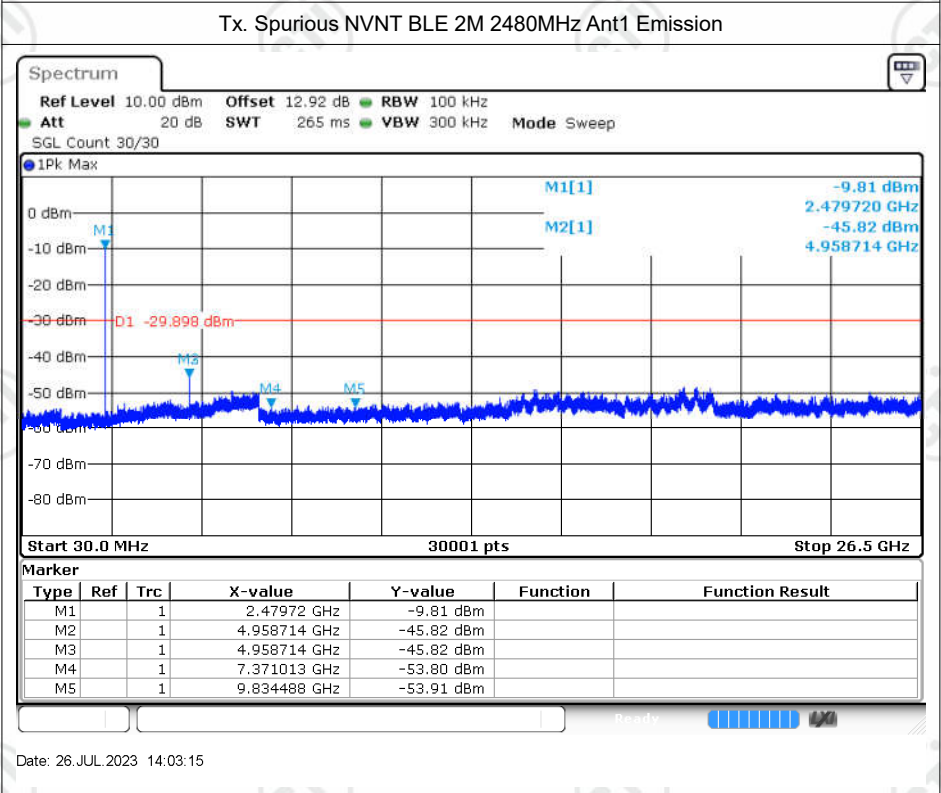
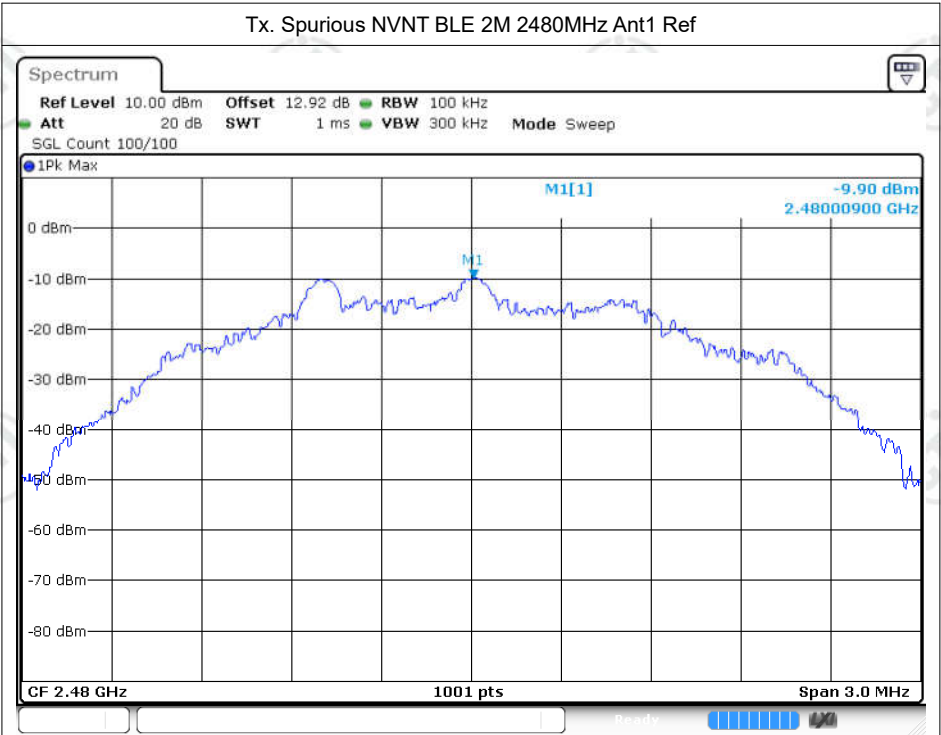
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*** End of Report ***