

Appendix: Bluetooth LE

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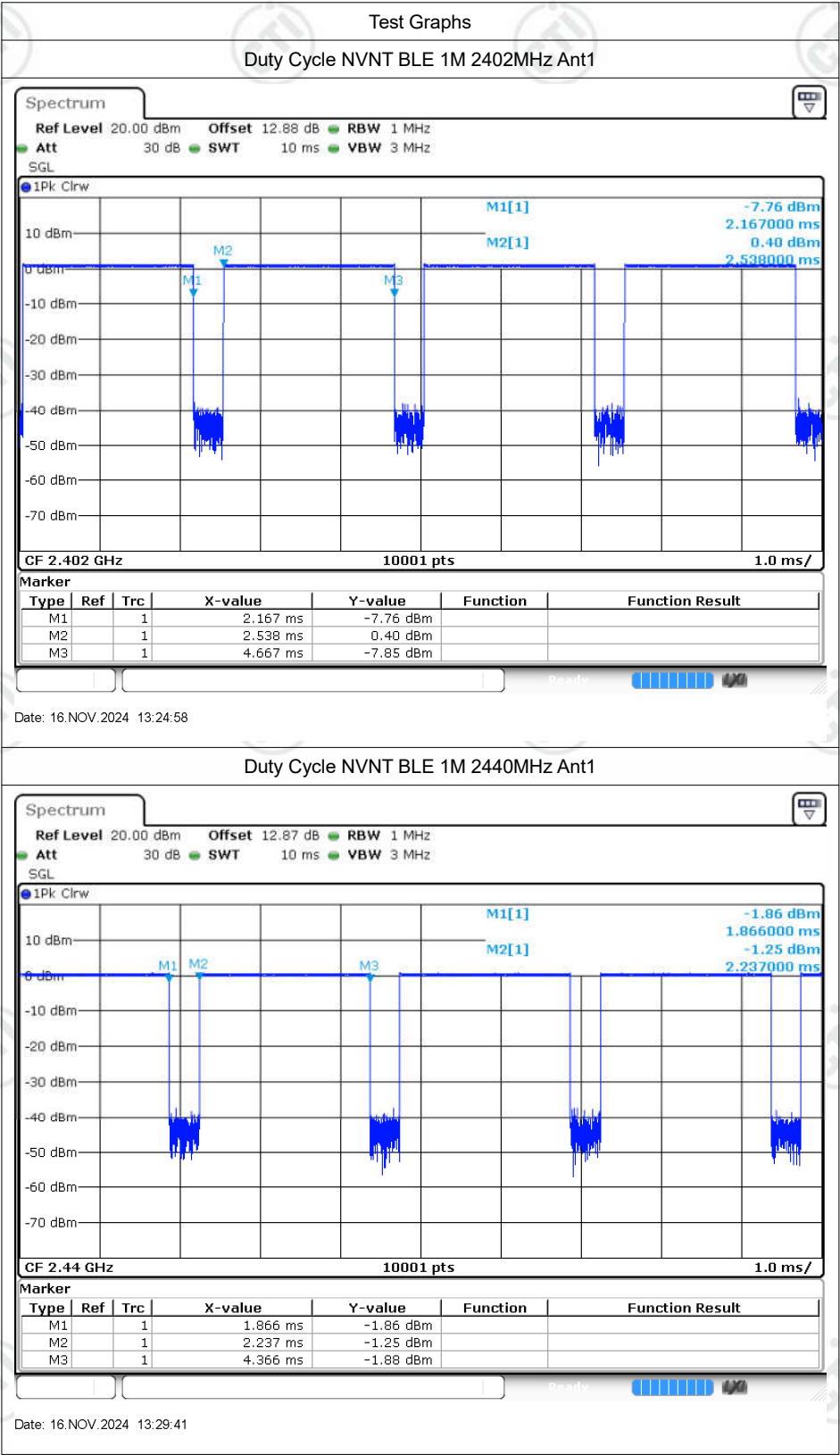
Band Edge 23

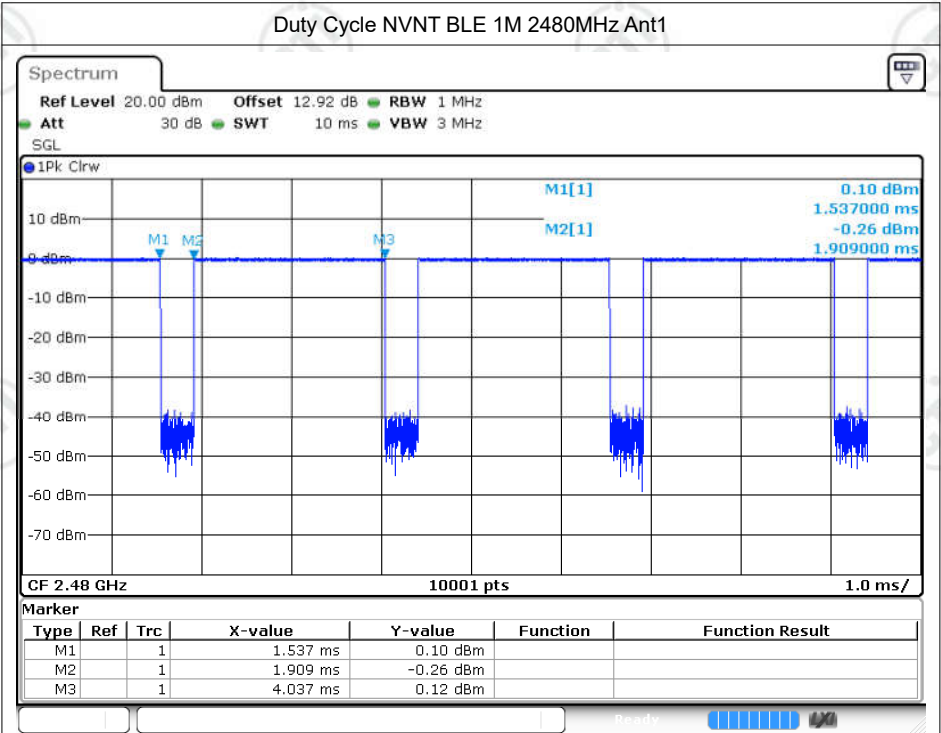
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Duty Cycle

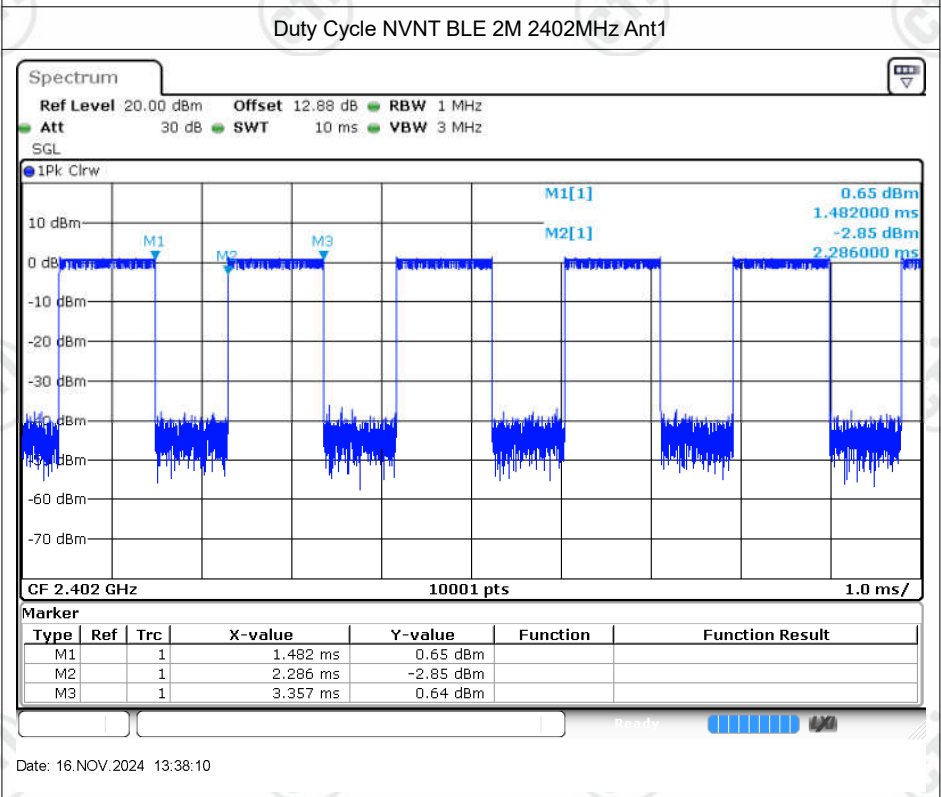
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle factor(dB)
NVNT	BLE 1M	2402	Ant1	85.16	0.70
NVNT	BLE 1M	2440	Ant1	85.16	0.70
NVNT	BLE 1M	2480	Ant1	85.12	0.70
NVNT	BLE 2M	2402	Ant1	57.12	2.43
NVNT	BLE 2M	2440	Ant1	57.12	2.43
NVNT	BLE 2M	2480	Ant1	57.12	2.43

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

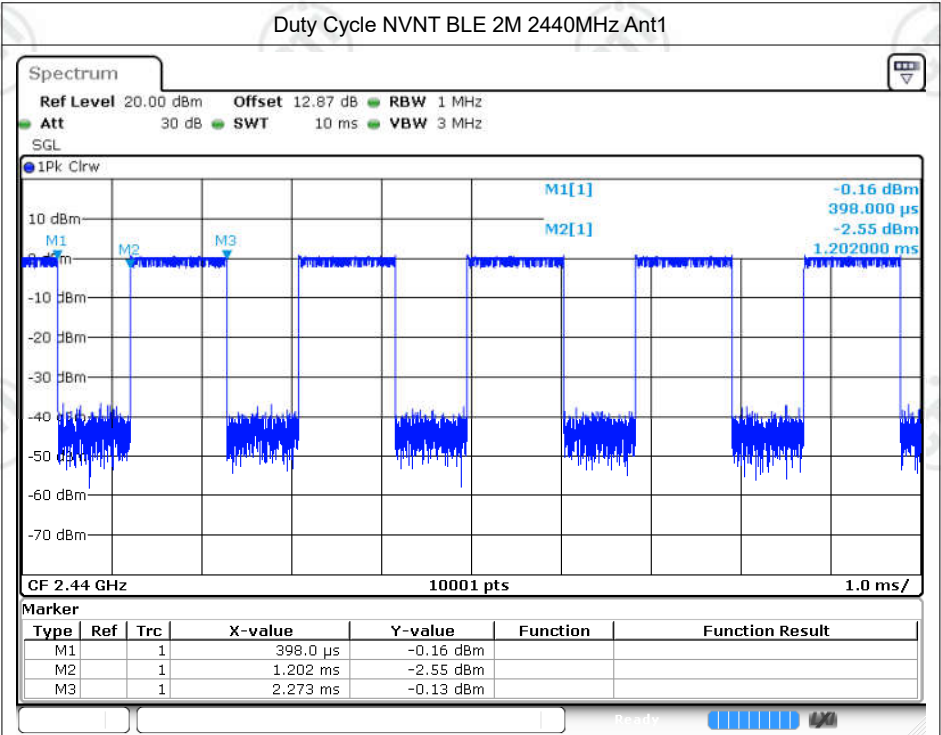




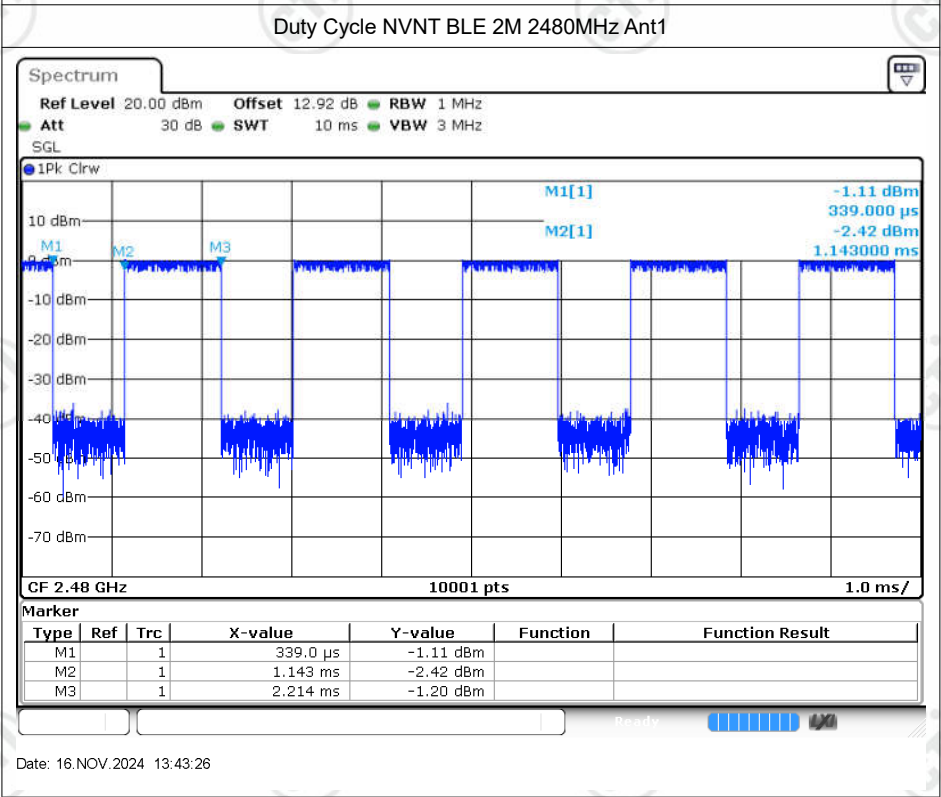
Date: 16.NOV.2024 13:32:43



Date: 16.NOV.2024 13:38:10



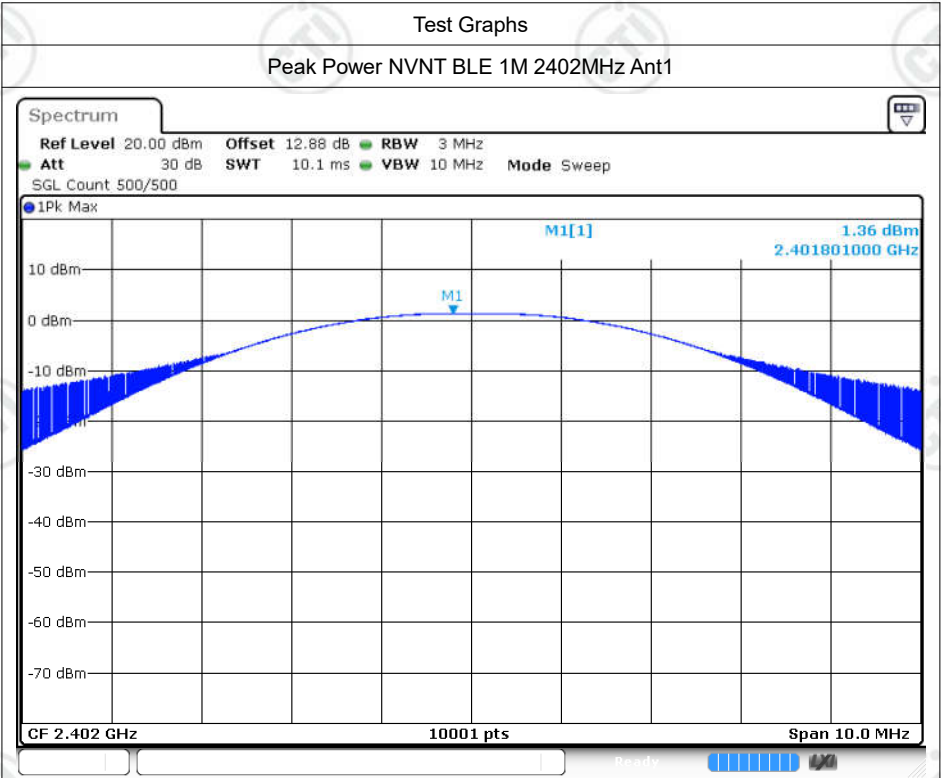
Date: 16.NOV.2024 13:41:05



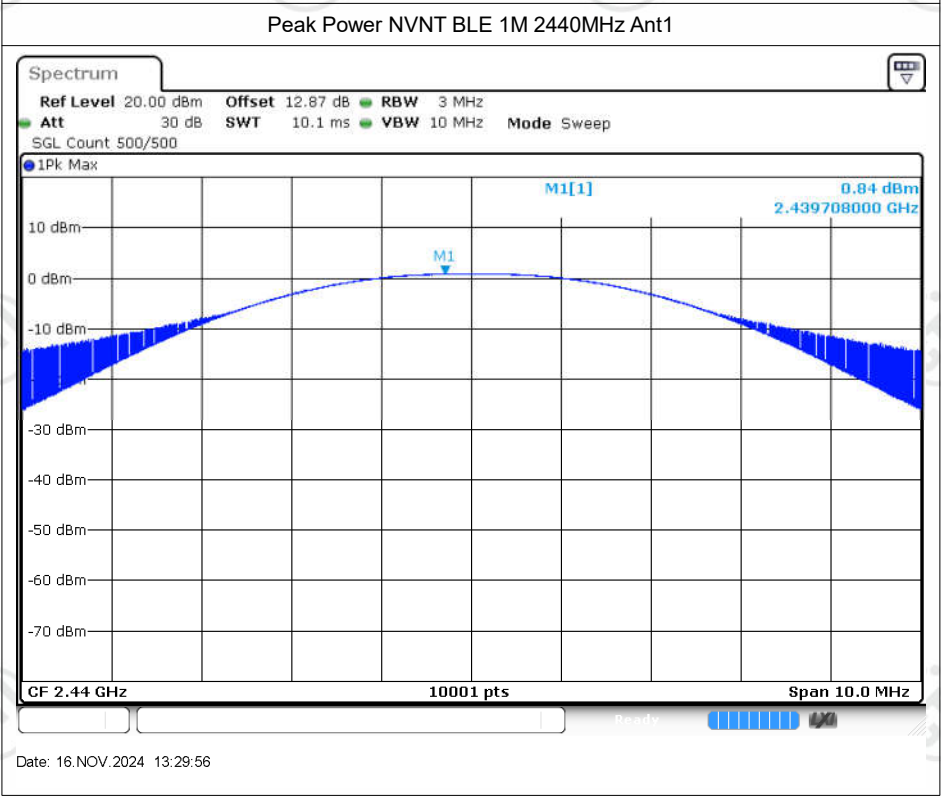
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Maximum Peak Conducted Output Power

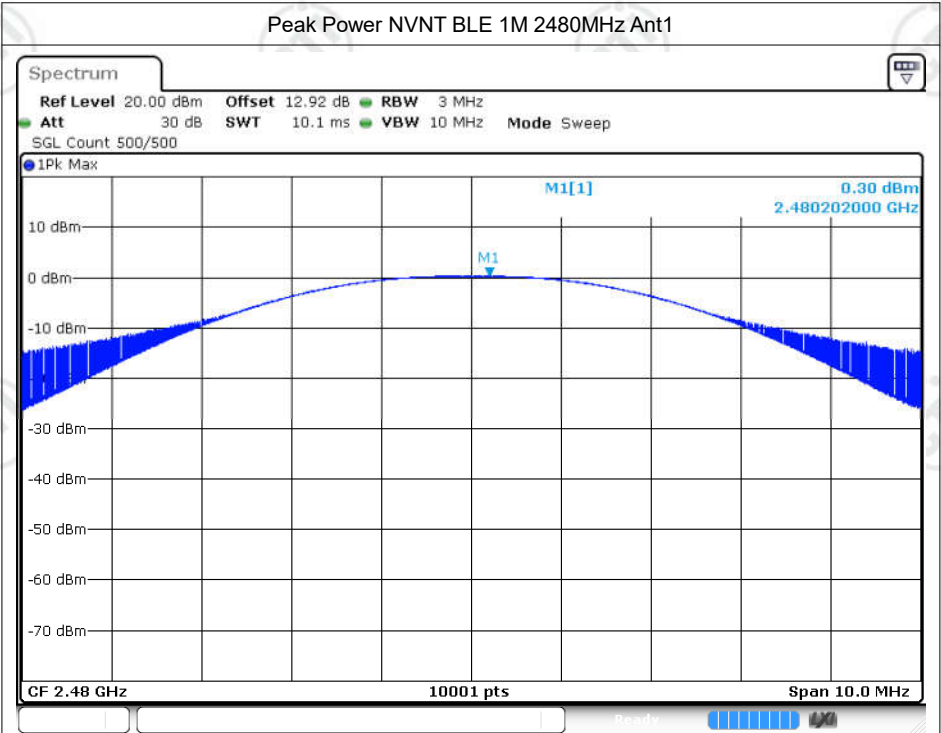
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.36	30	Pass
NVNT	BLE 1M	2440	Ant1	0.84	30	Pass
NVNT	BLE 1M	2480	Ant1	0.30	30	Pass
NVNT	BLE 2M	2402	Ant1	1.38	30	Pass
NVNT	BLE 2M	2440	Ant1	0.86	30	Pass
NVNT	BLE 2M	2480	Ant1	0.31	30	Pass



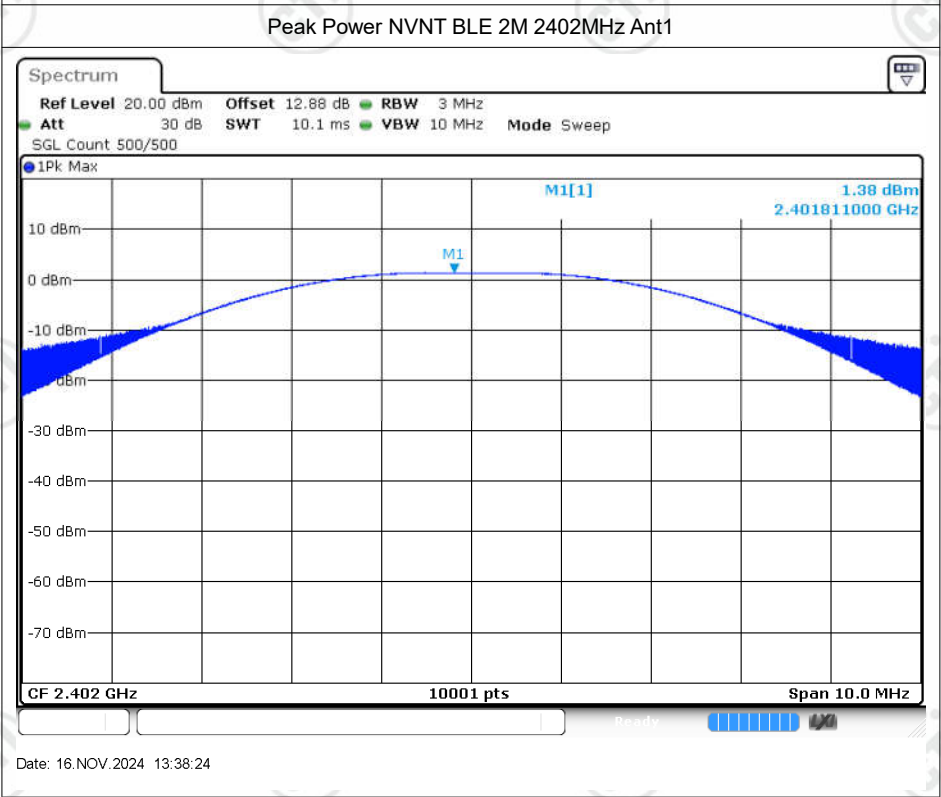
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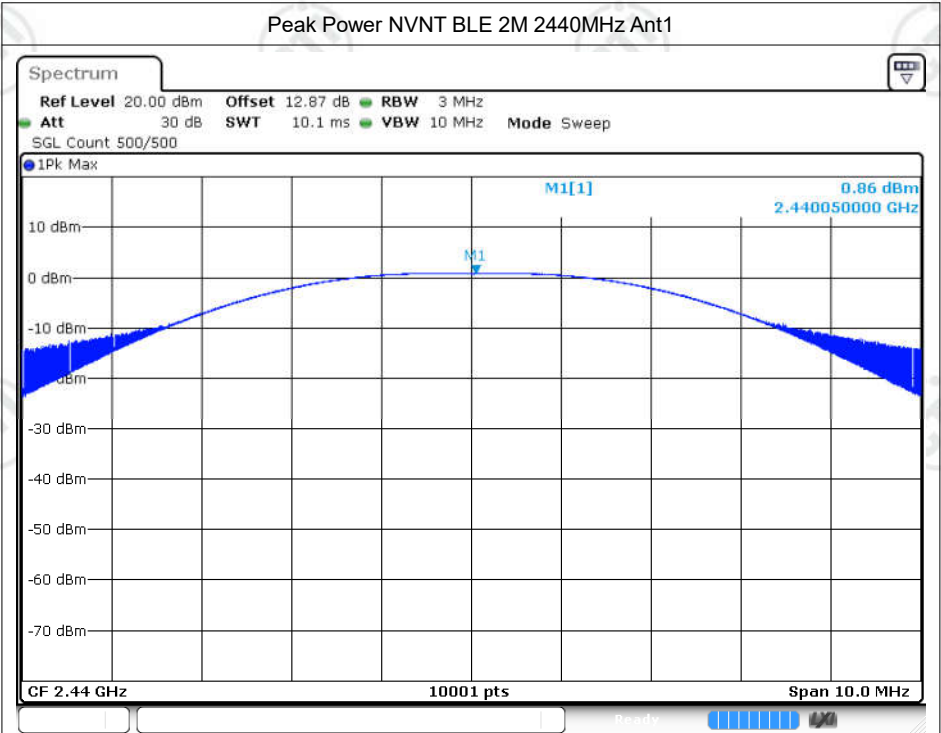
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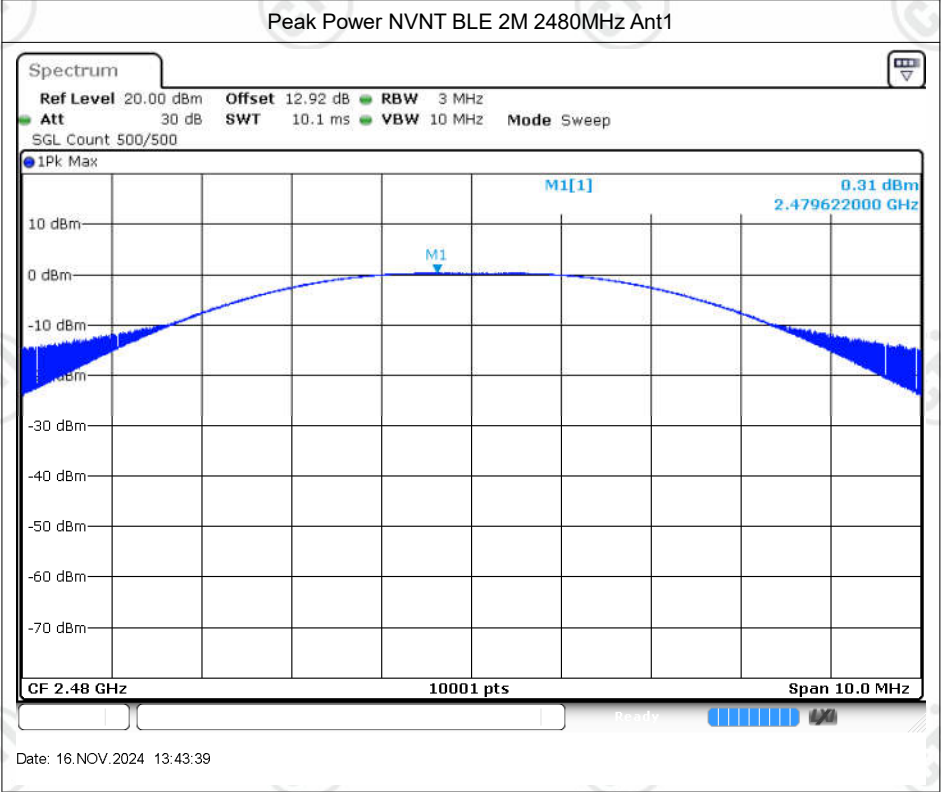
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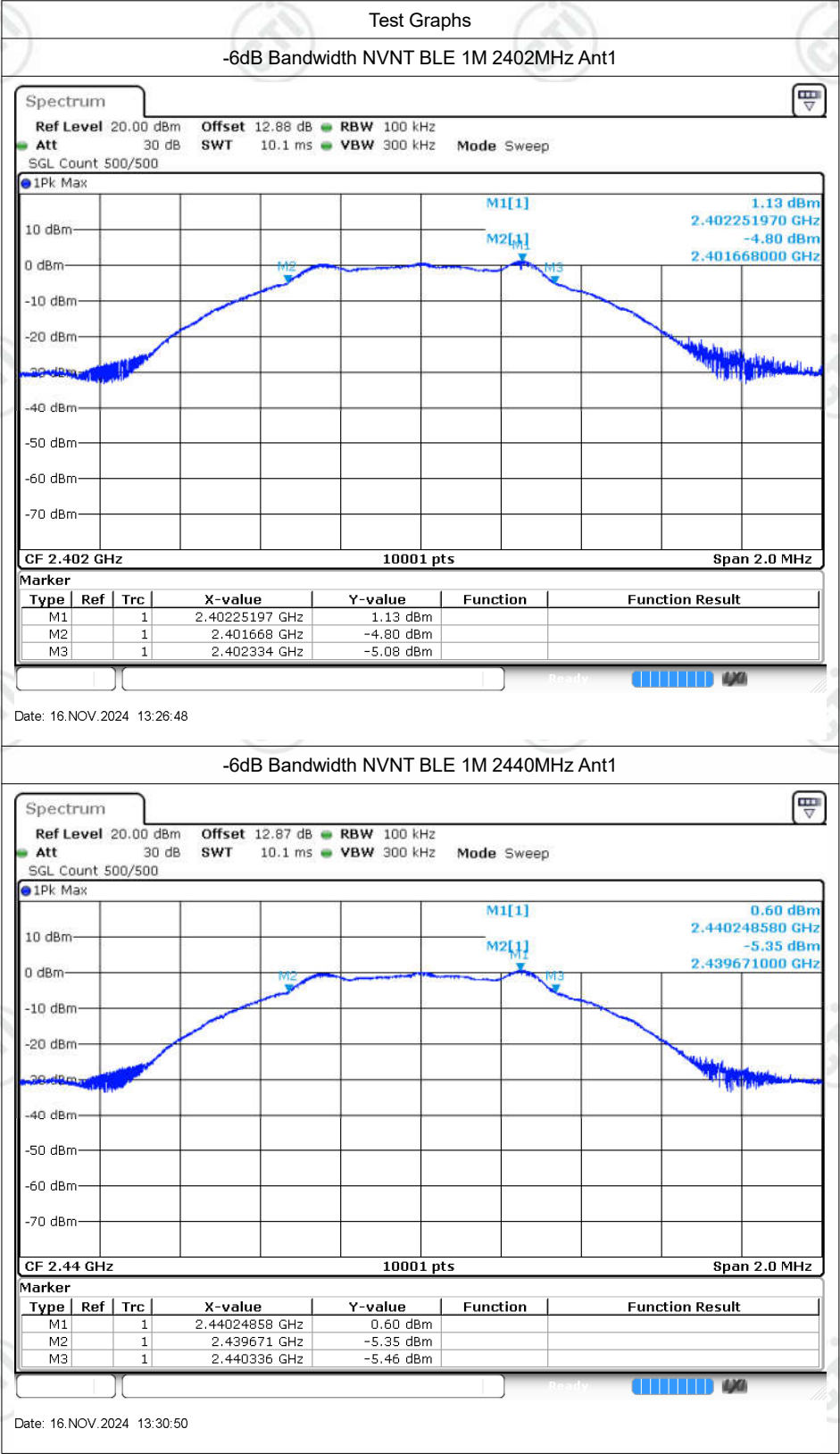
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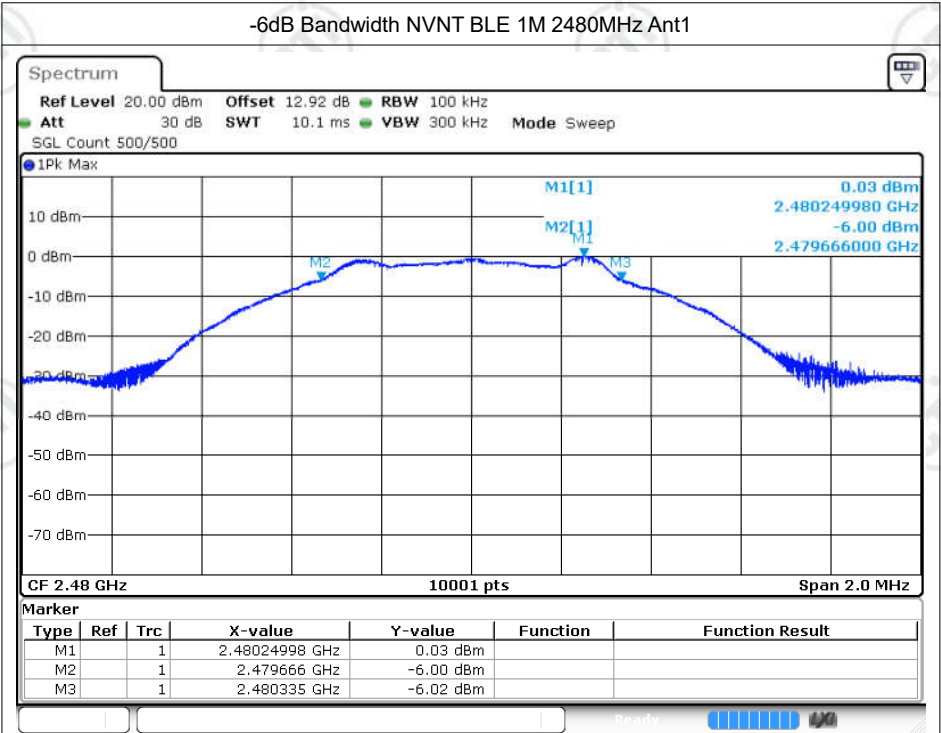


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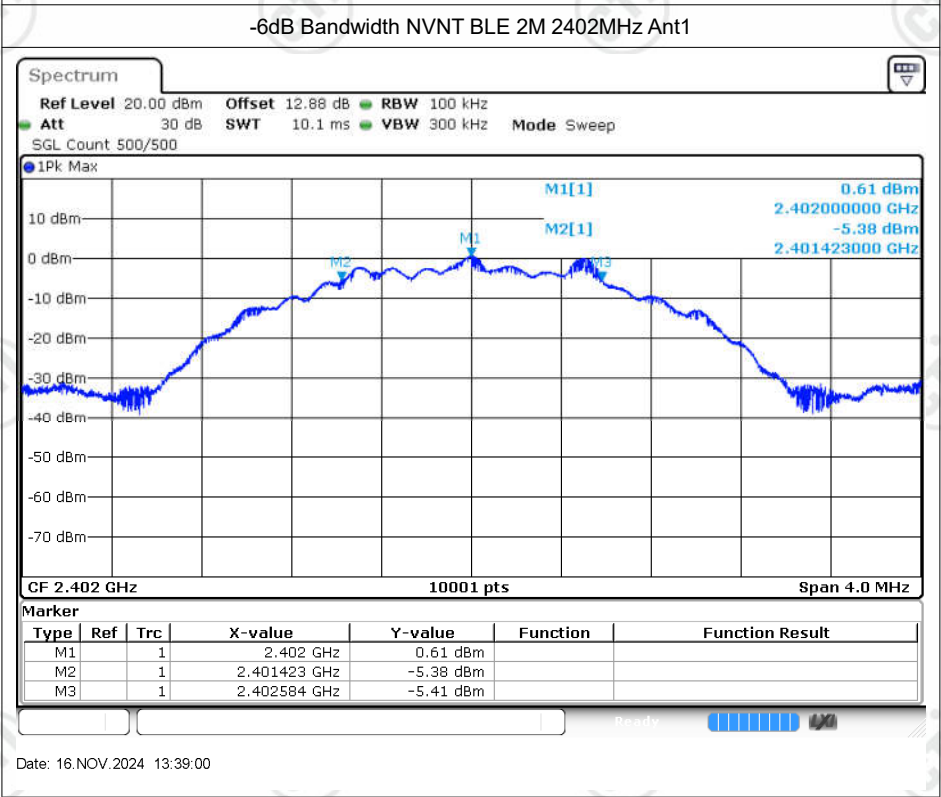
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.666	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.665	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.668	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.161	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.162	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.150	0.5	Pass

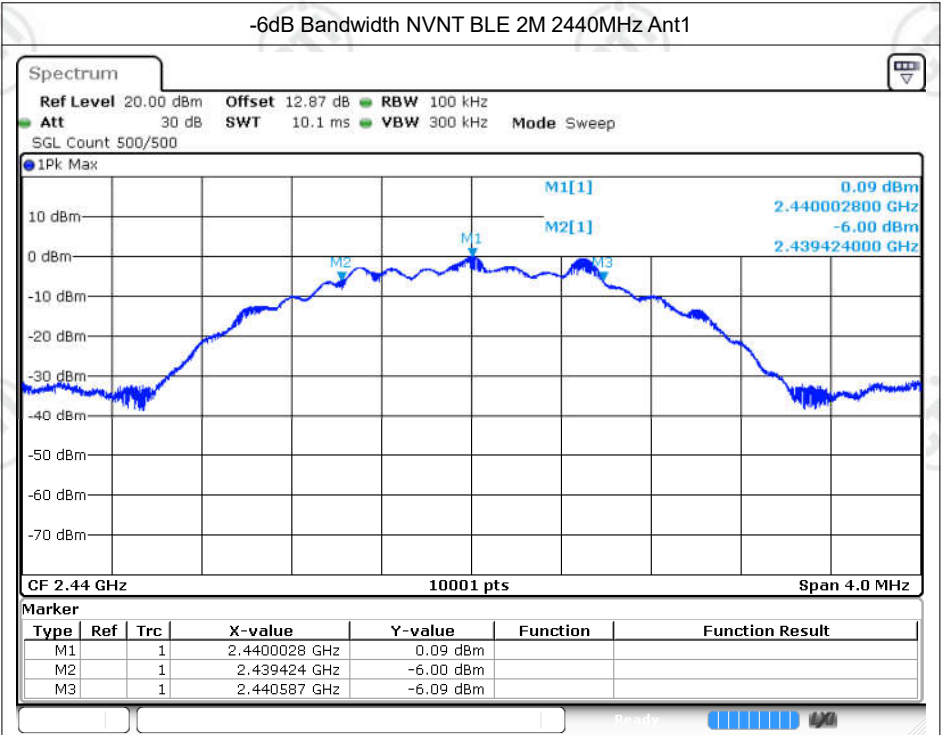




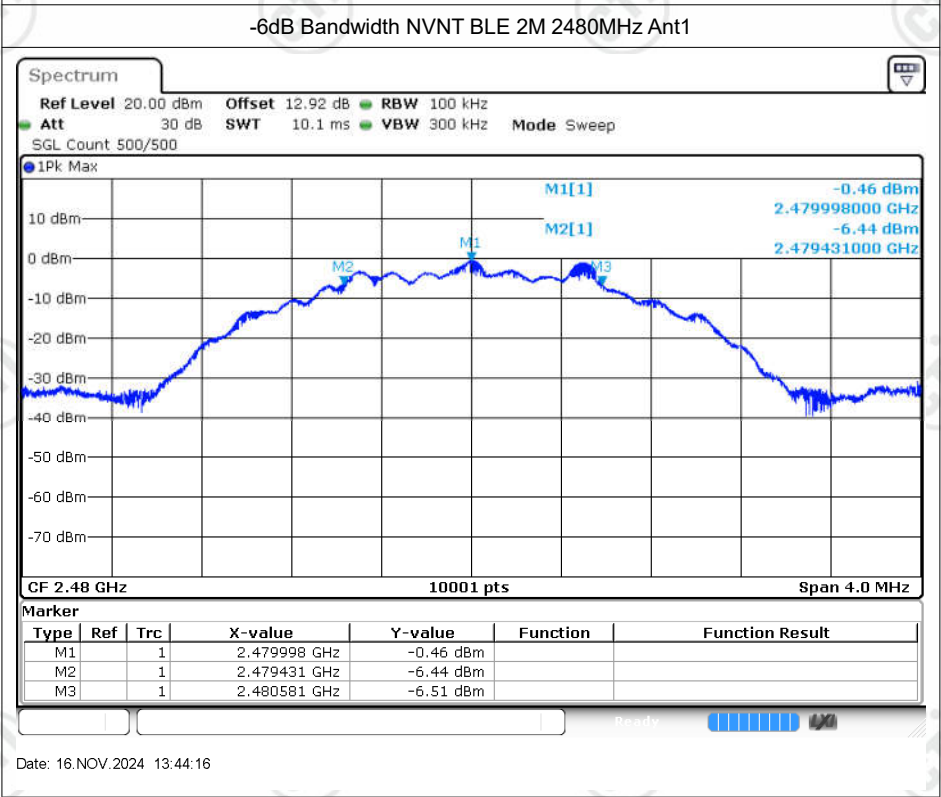
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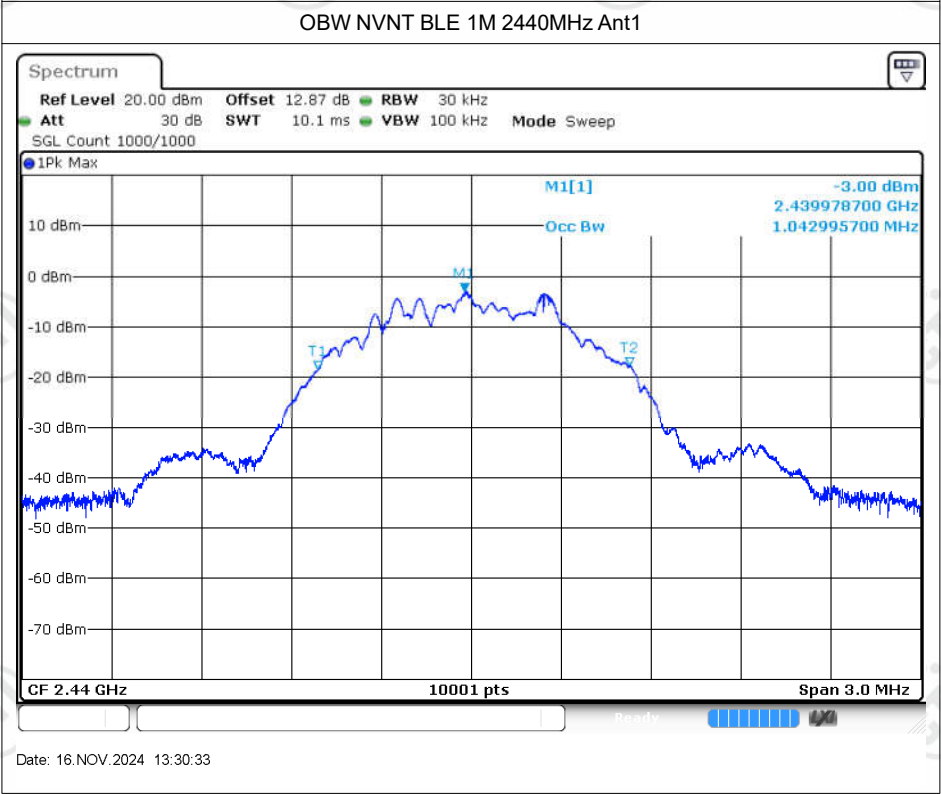
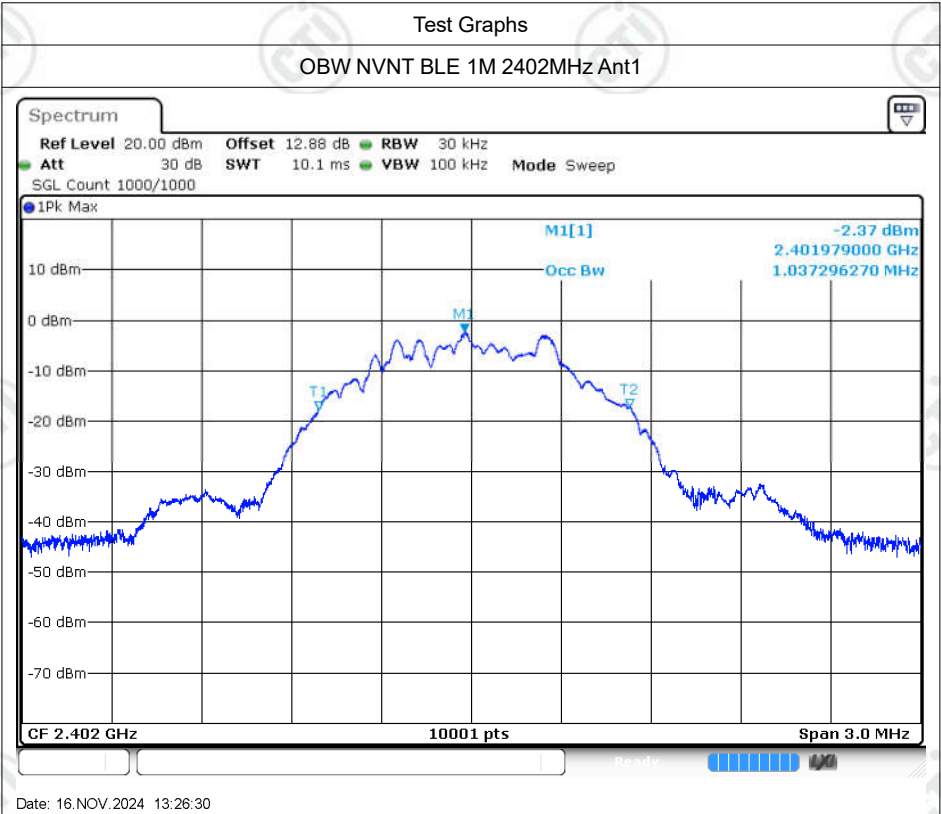
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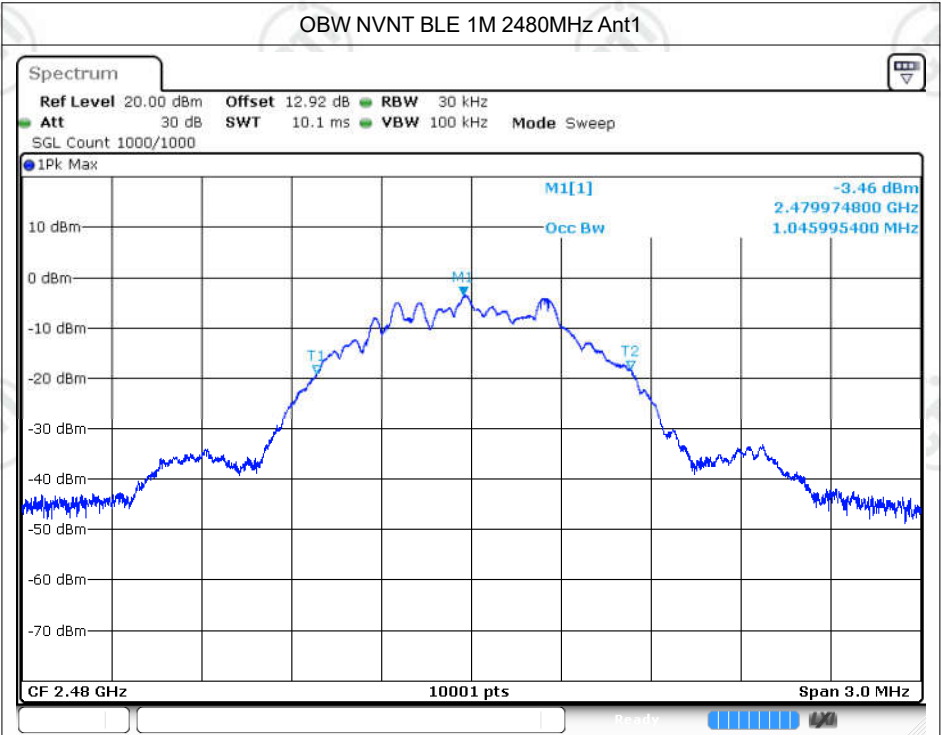


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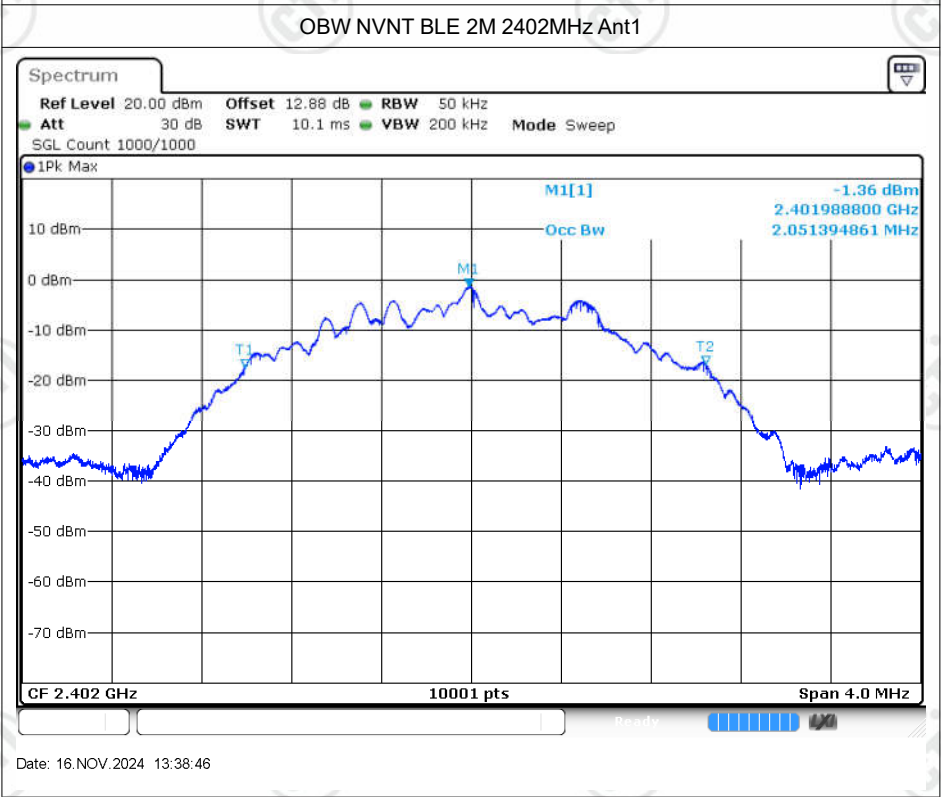
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.037
NVNT	BLE 1M	2440	Ant1	1.043
NVNT	BLE 1M	2480	Ant1	1.046
NVNT	BLE 2M	2402	Ant1	2.051
NVNT	BLE 2M	2440	Ant1	2.057
NVNT	BLE 2M	2480	Ant1	2.062

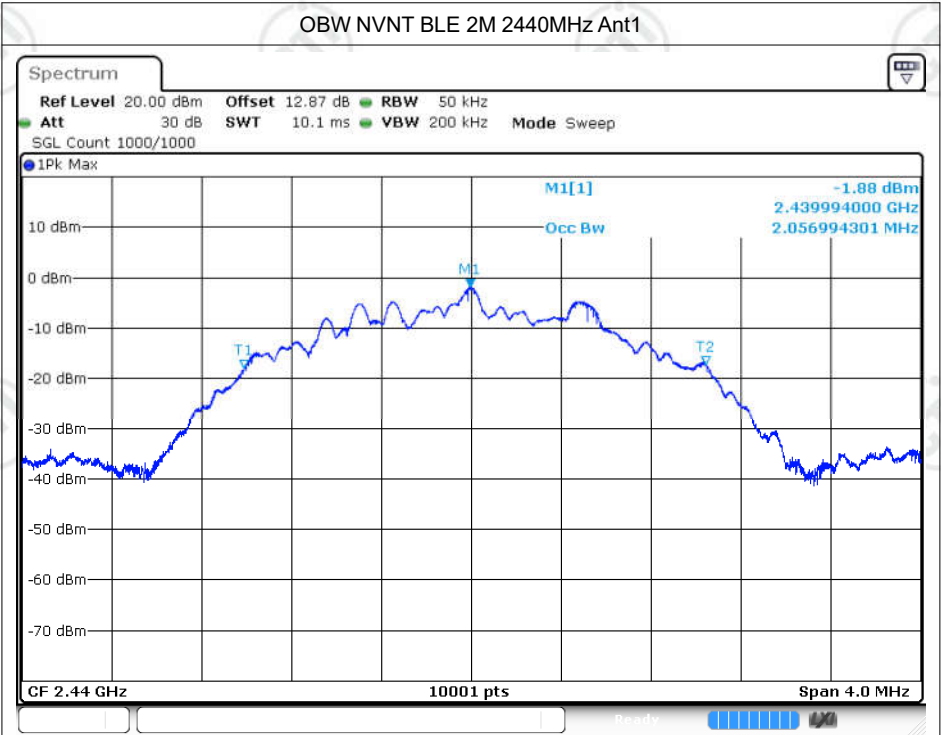




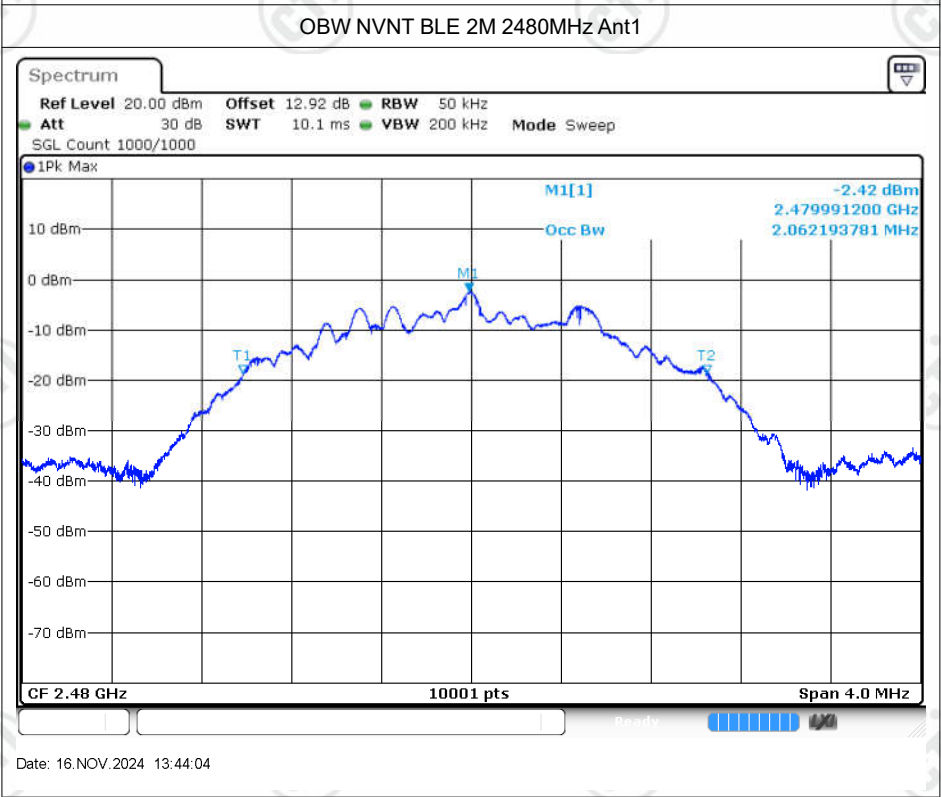
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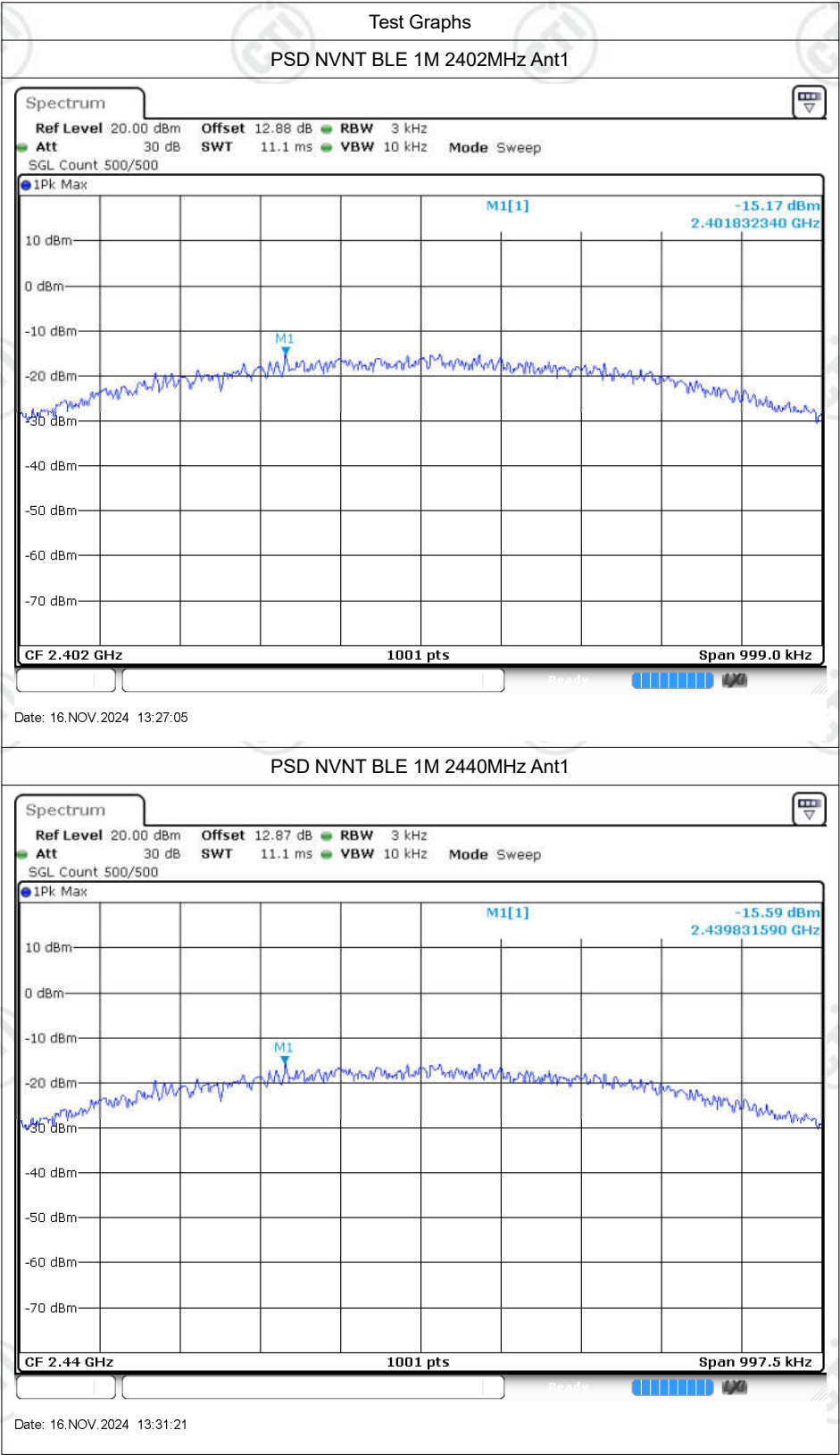
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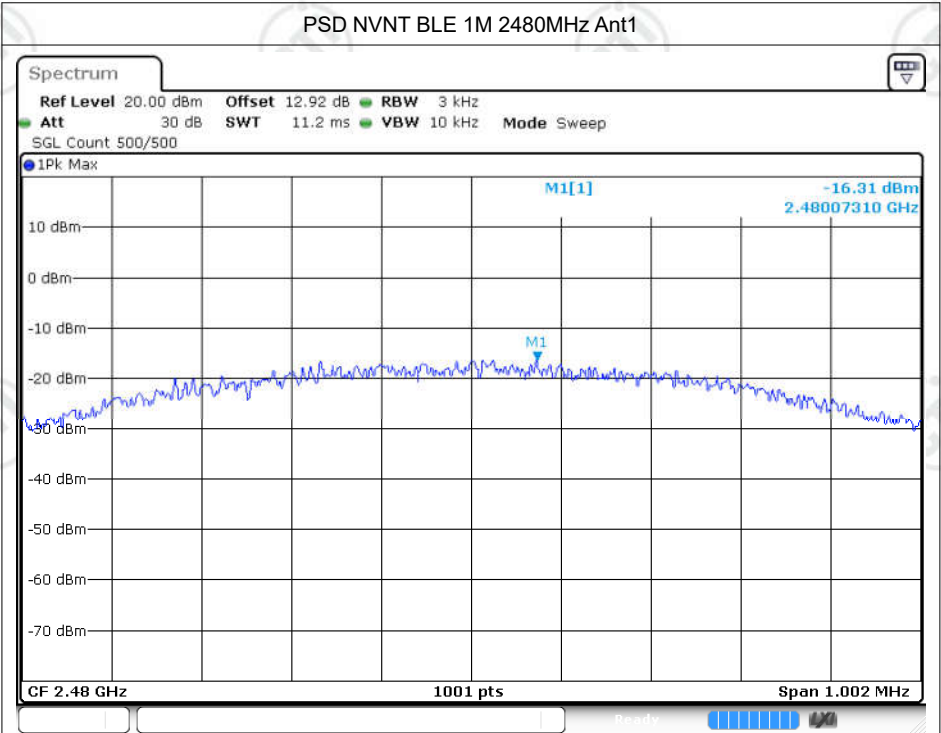


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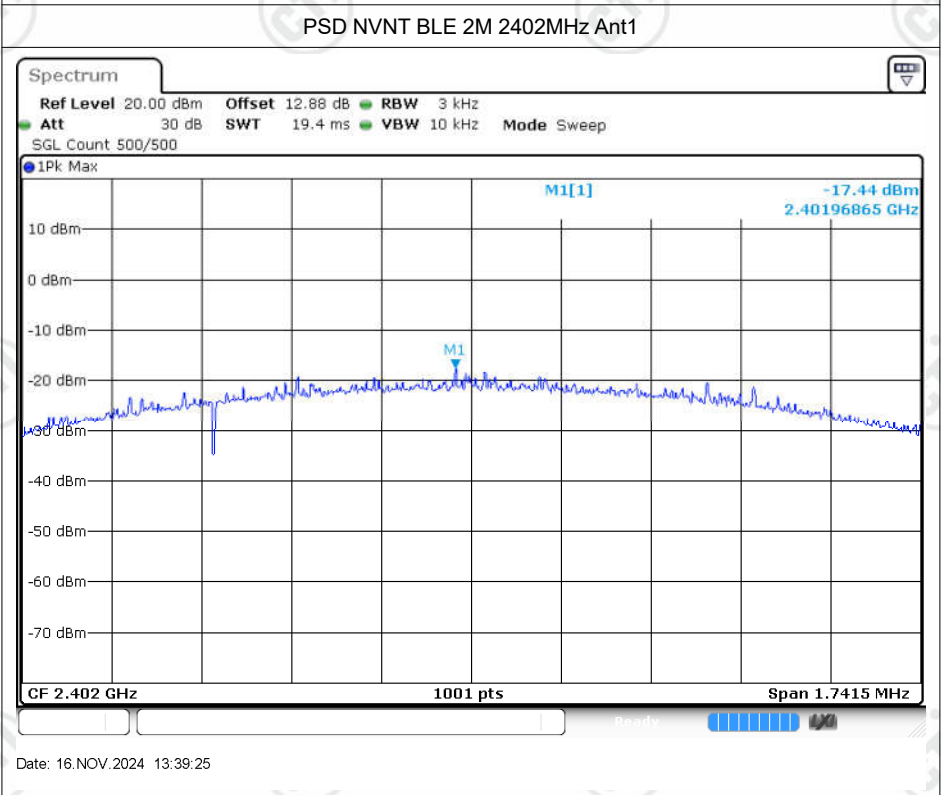
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.17	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.59	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.31	8	Pass
NVNT	BLE 2M	2402	Ant1	-17.44	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.97	8	Pass
NVNT	BLE 2M	2480	Ant1	-18.48	8	Pass

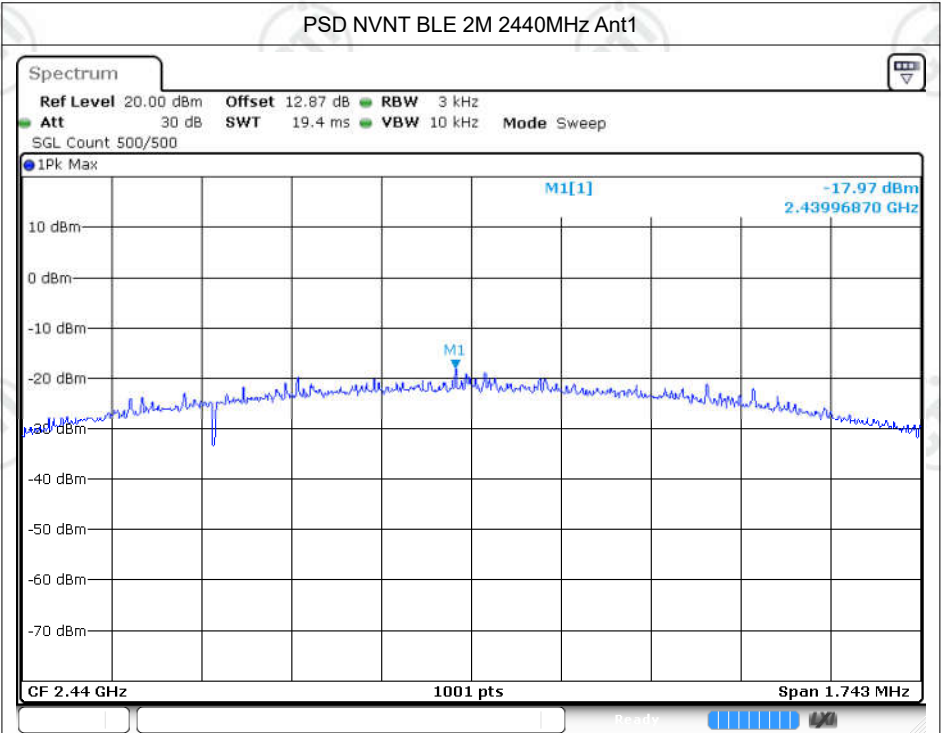




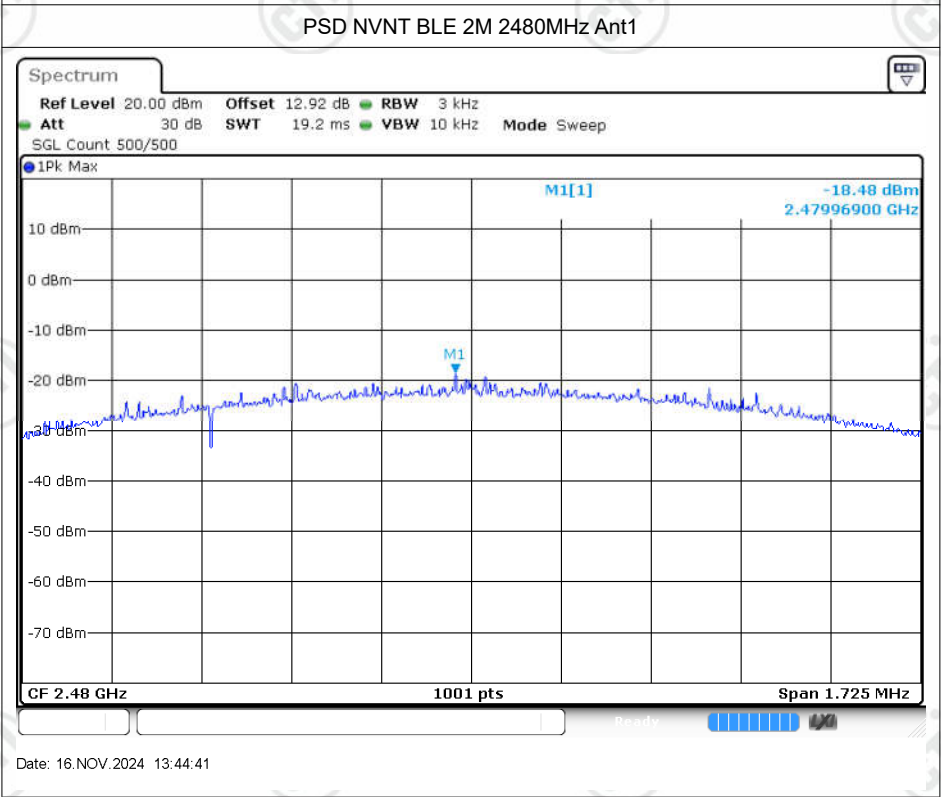
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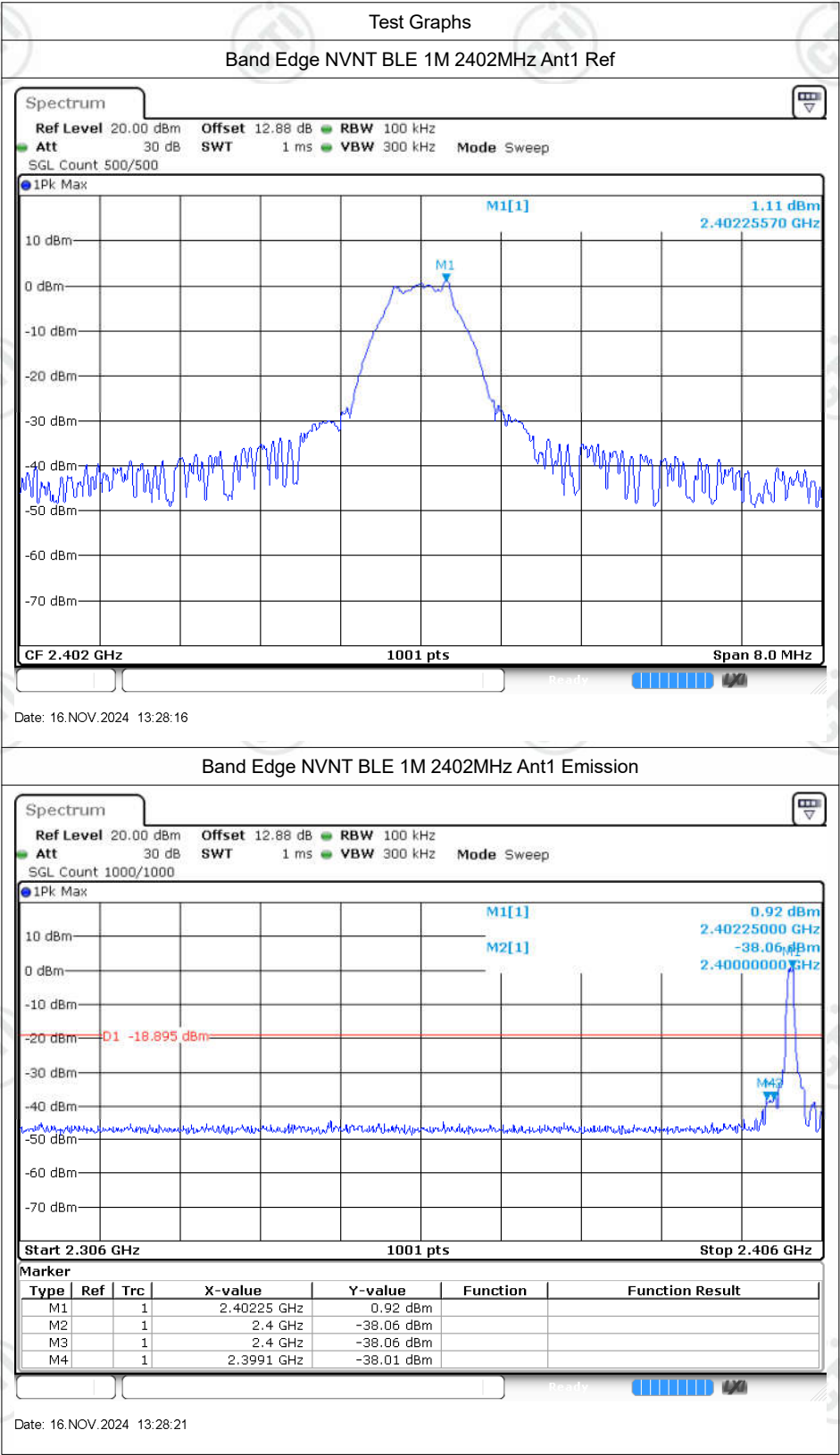
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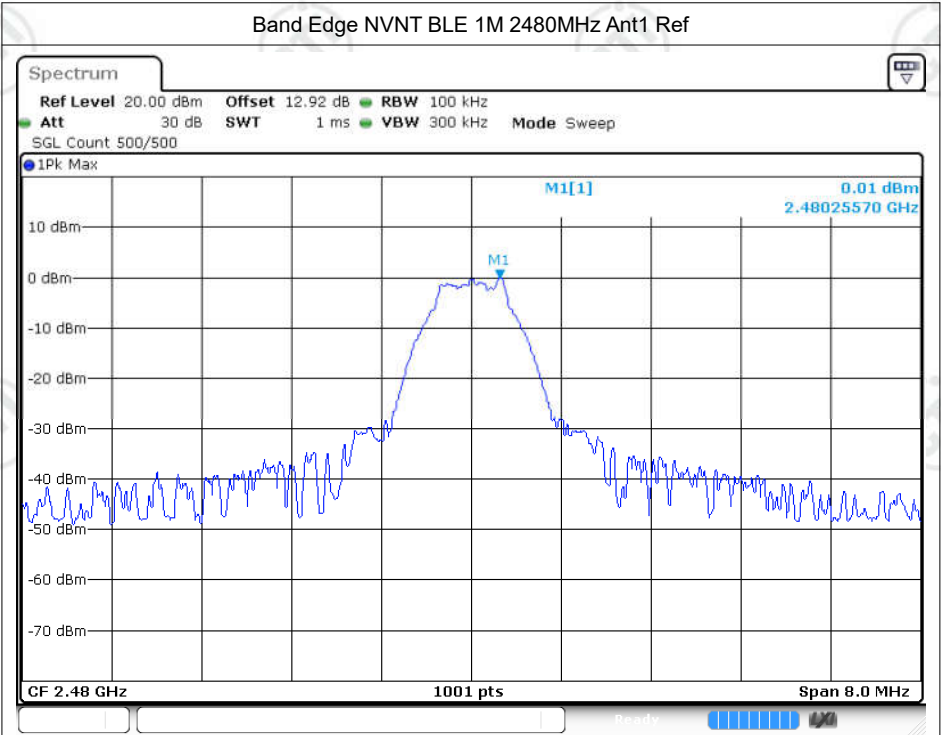


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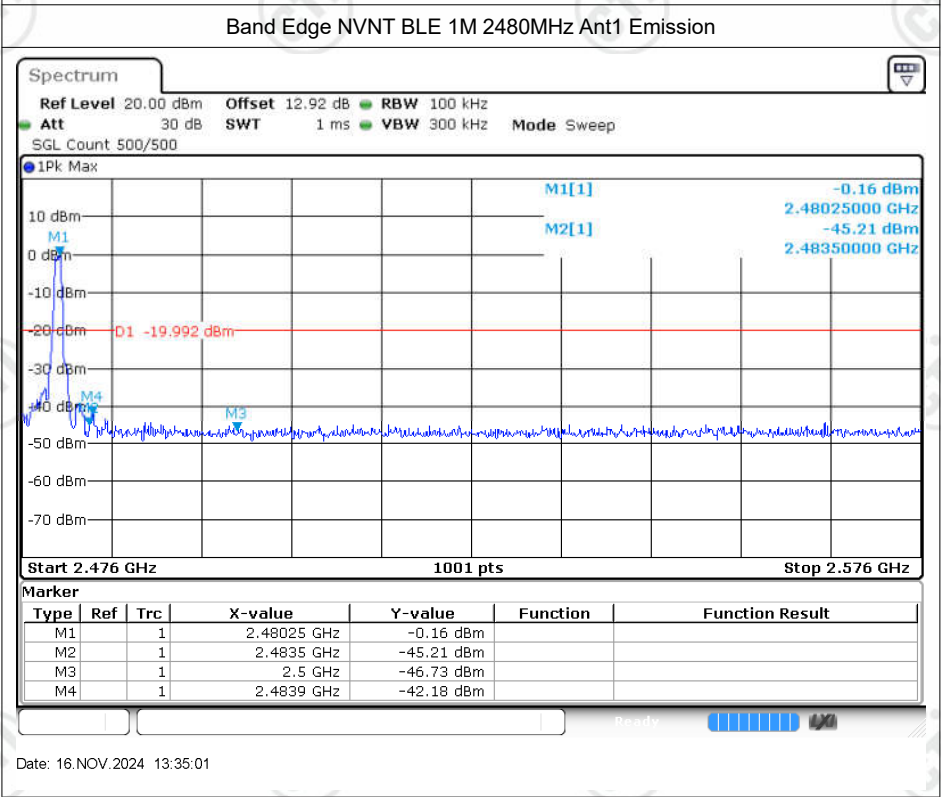
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-39.11	-20	Pass
NVNT	BLE 1M	2480	Ant1	-42.18	-20	Pass
NVNT	BLE 2M	2402	Ant1	-35.06	-20	Pass
NVNT	BLE 2M	2480	Ant1	-40.97	-20	Pass

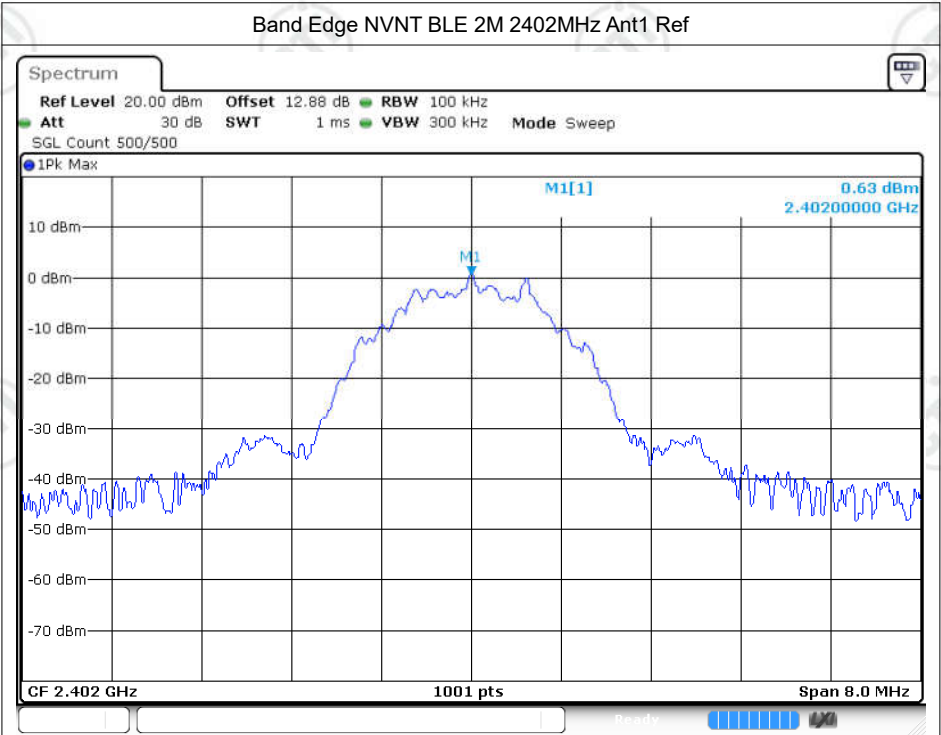




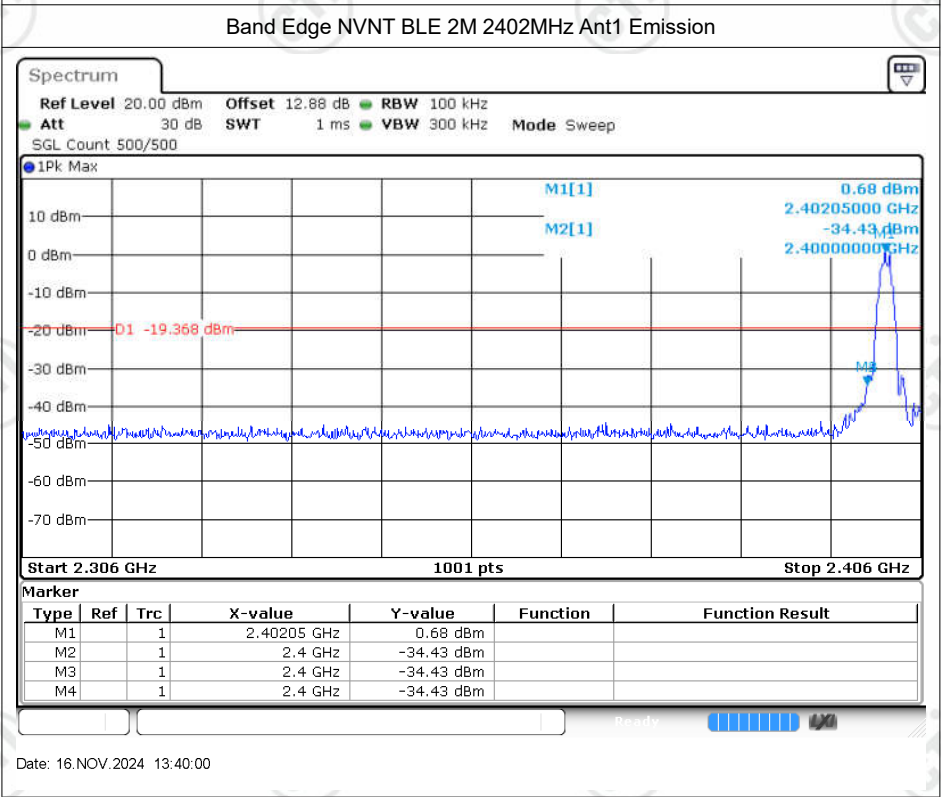
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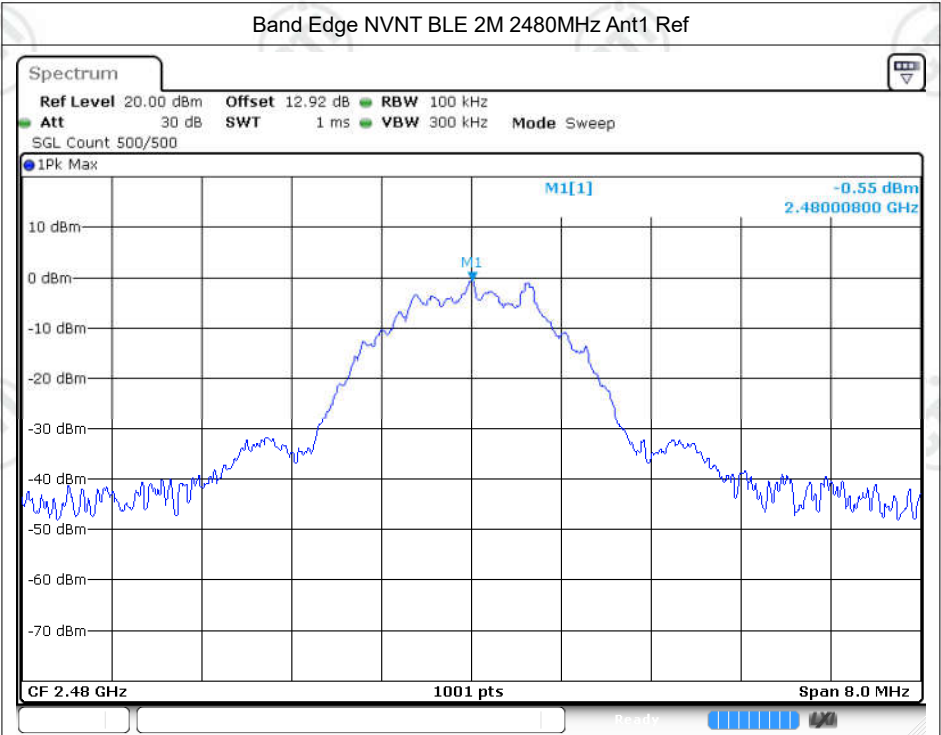


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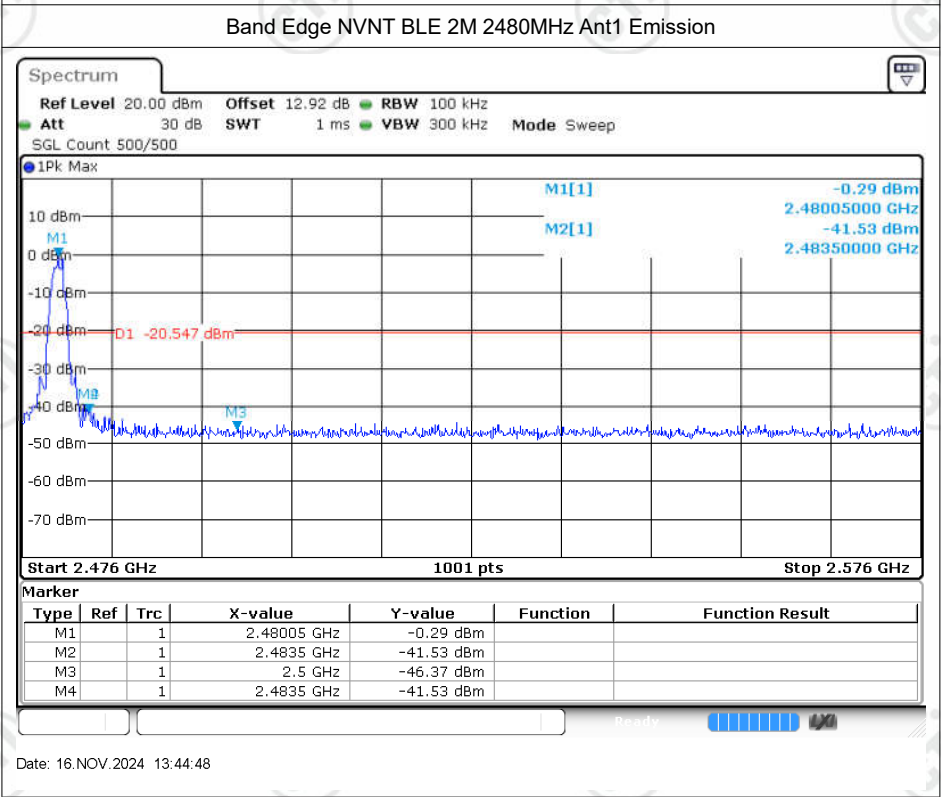


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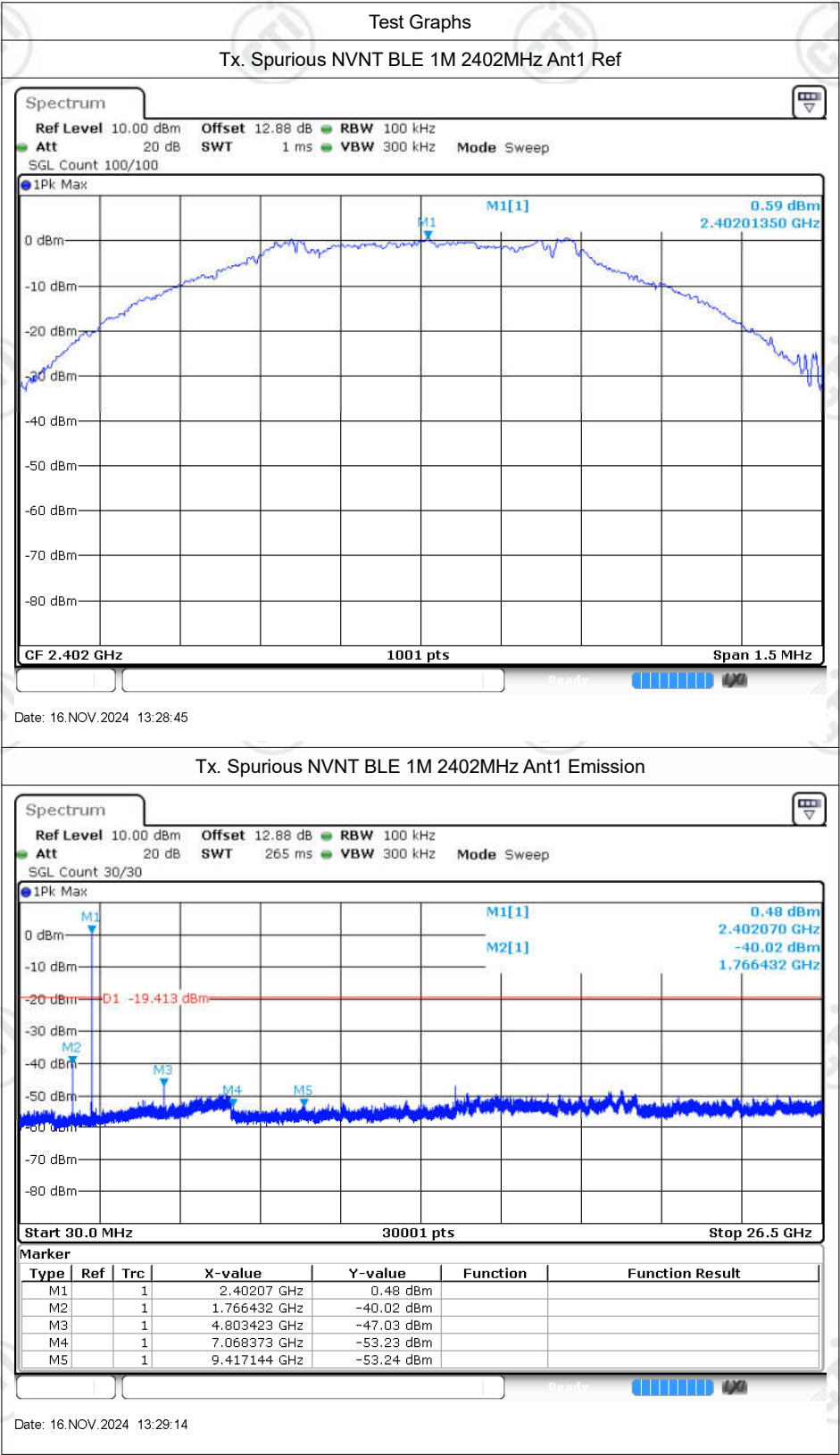
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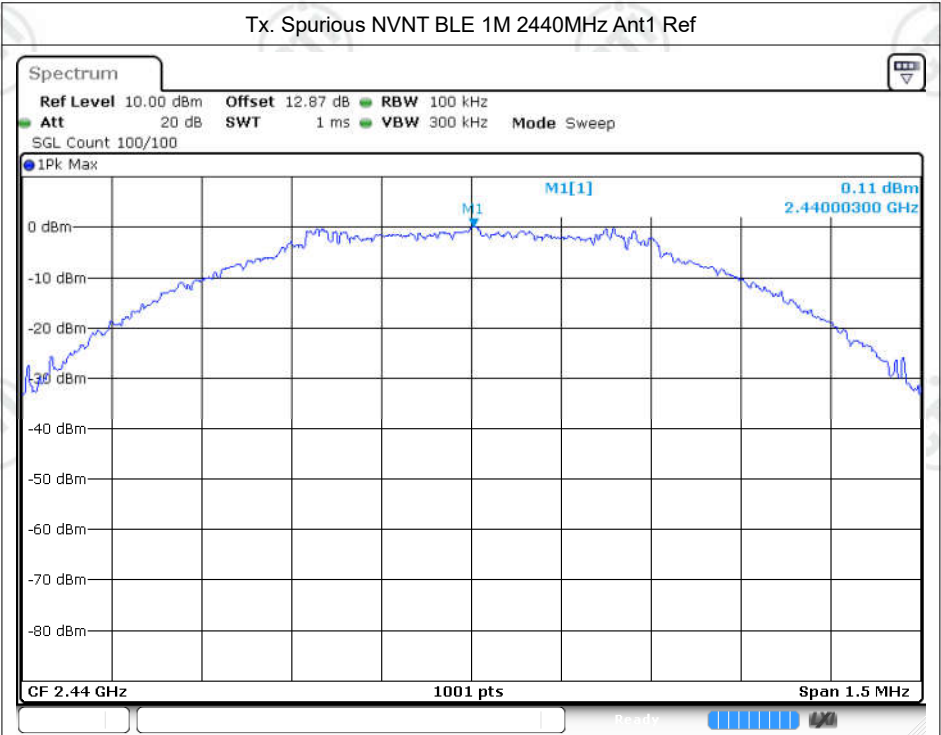


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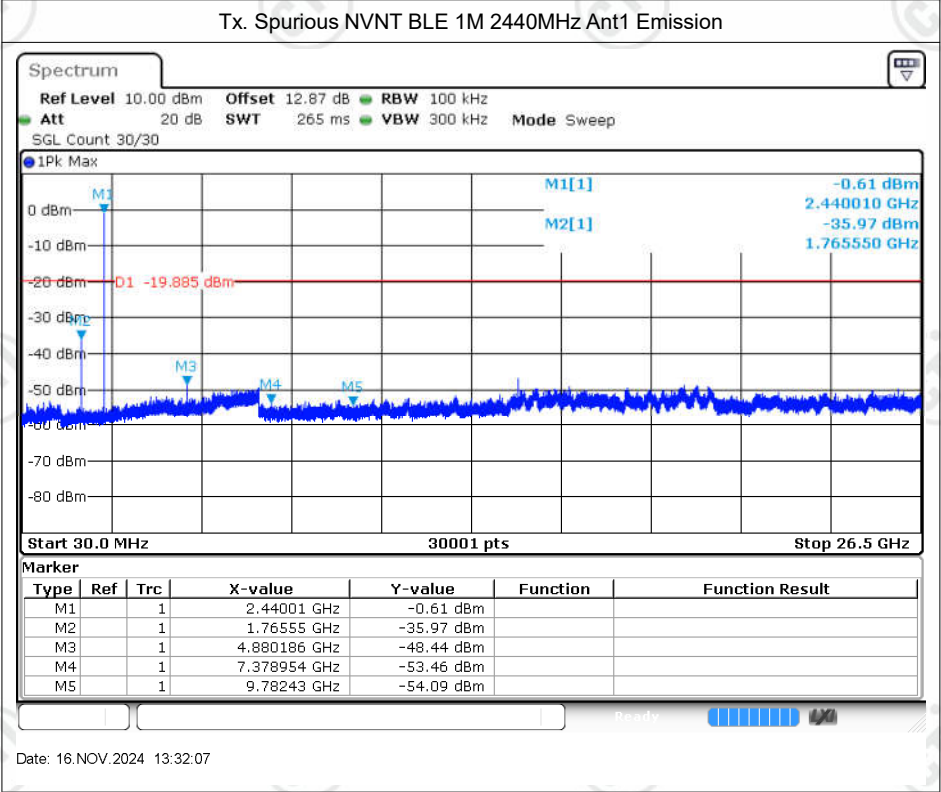
Conducted RF Spurious Emission

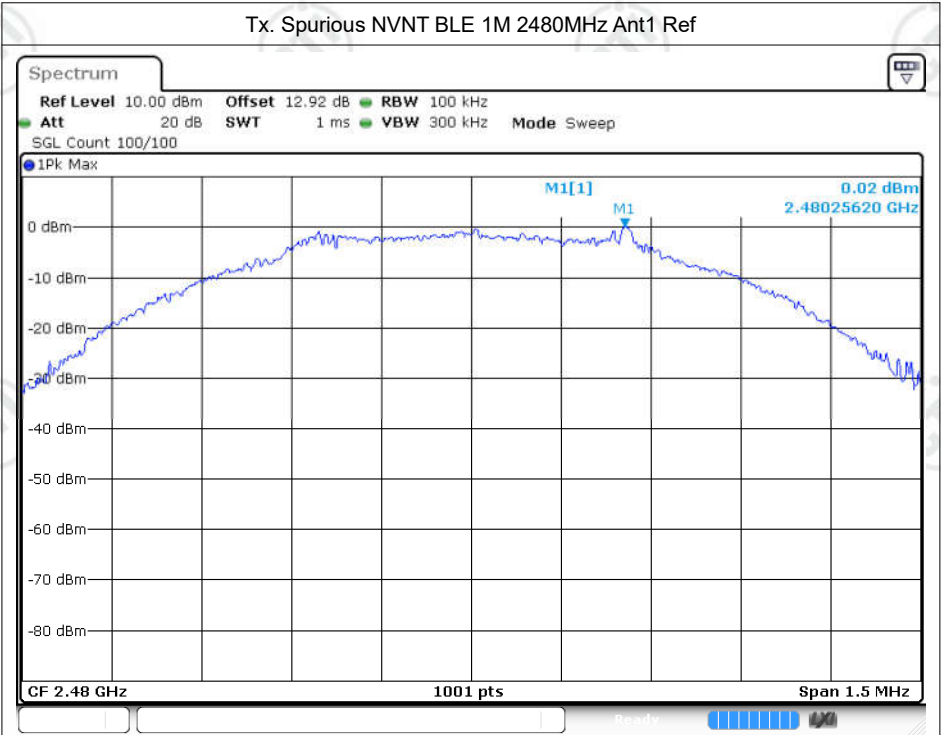
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-40.61	-20	Pass
NVNT	BLE 1M	2440	Ant1	-36.07	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.82	-20	Pass
NVNT	BLE 2M	2402	Ant1	-37.24	-20	Pass
NVNT	BLE 2M	2440	Ant1	-47.51	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.34	-20	Pass



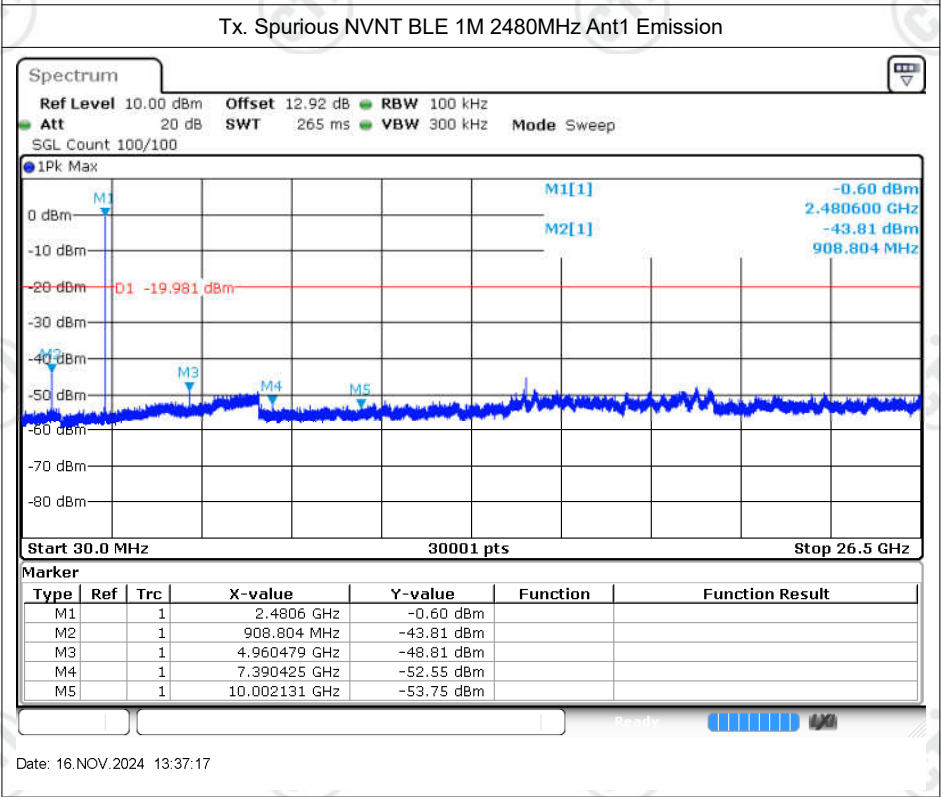


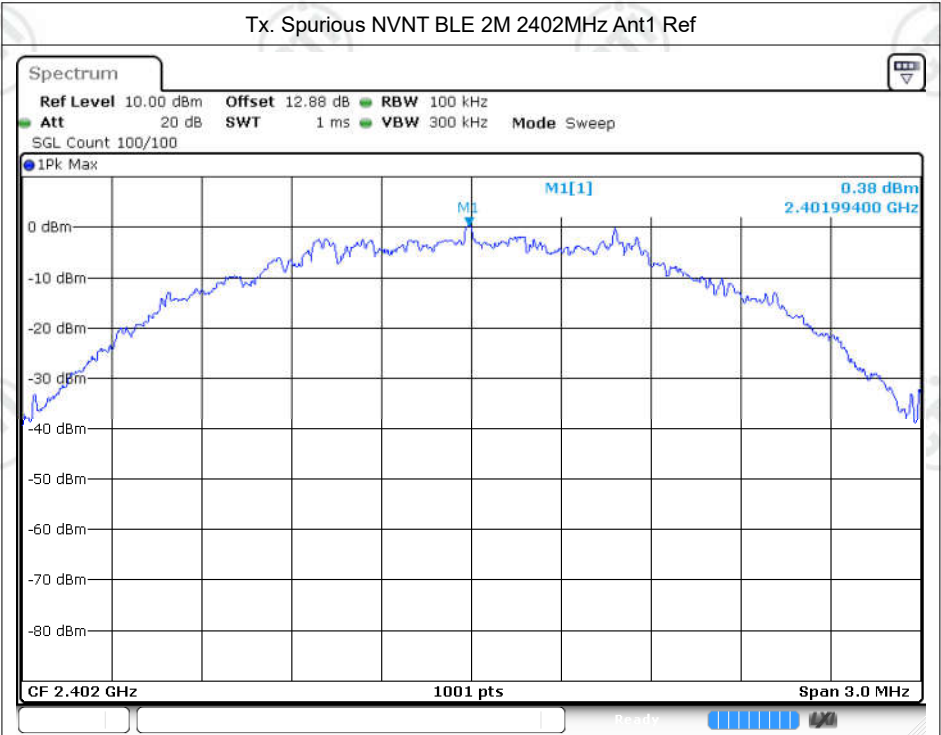
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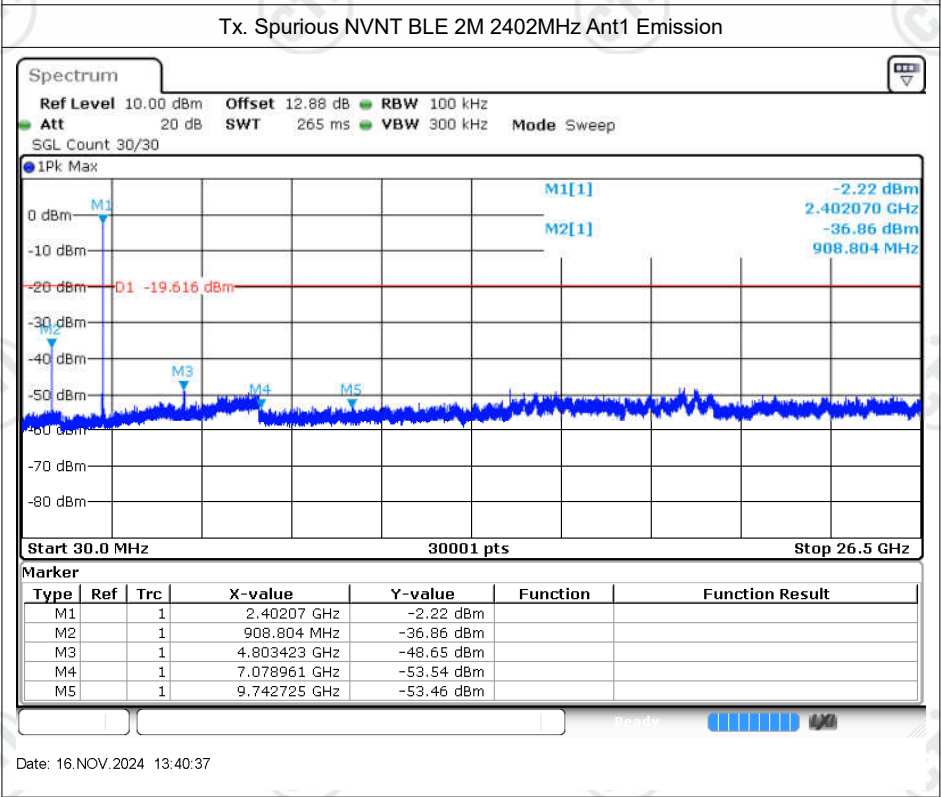


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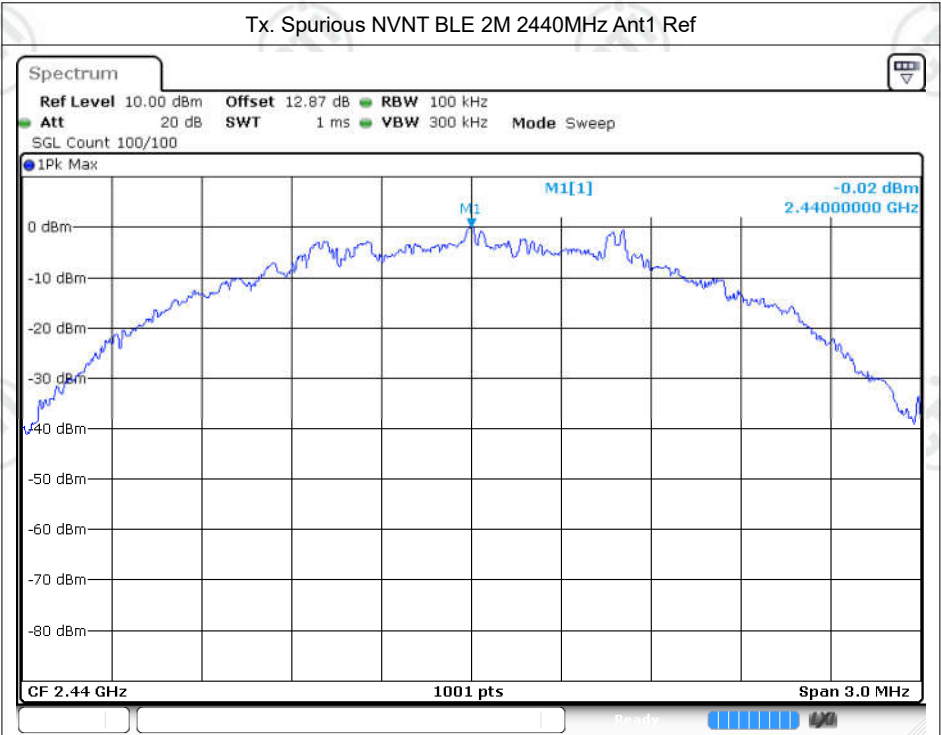




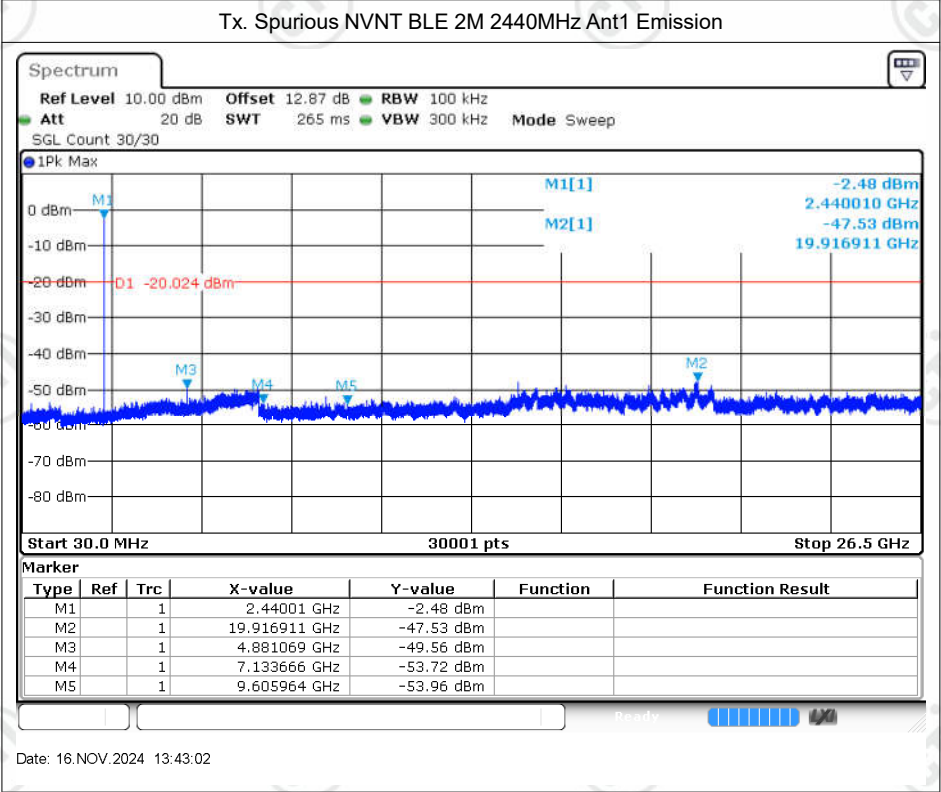
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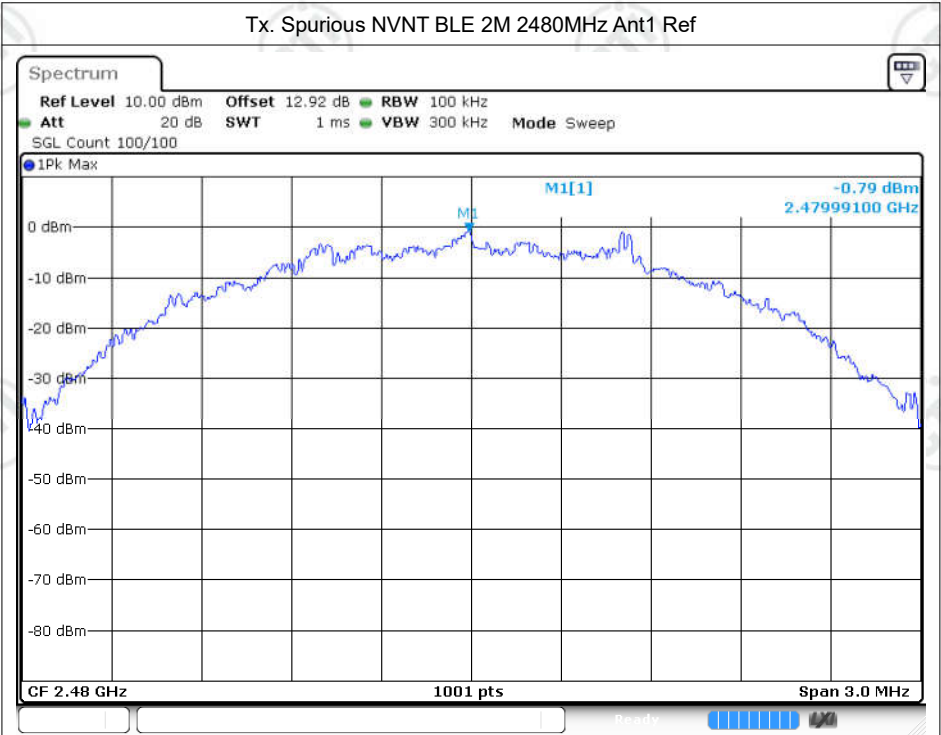
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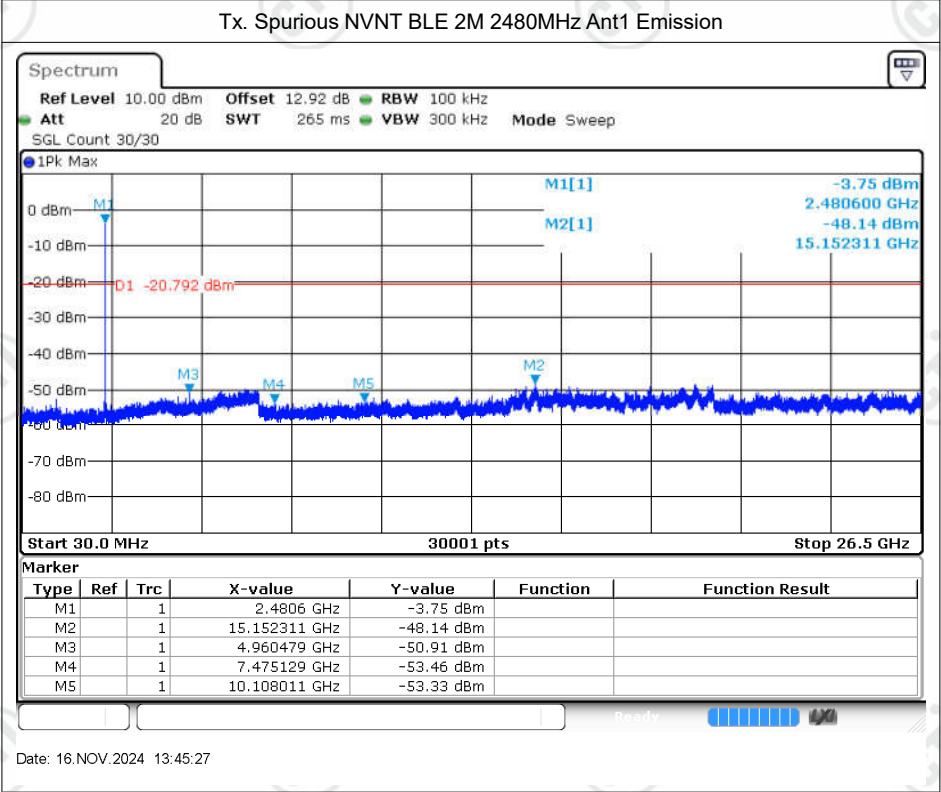
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Date: 16.NOV.2024 13:43:02



Date: 16.NOV.2024 13:44:58



END OF REPORT