

Appendix: Bluetooth LE

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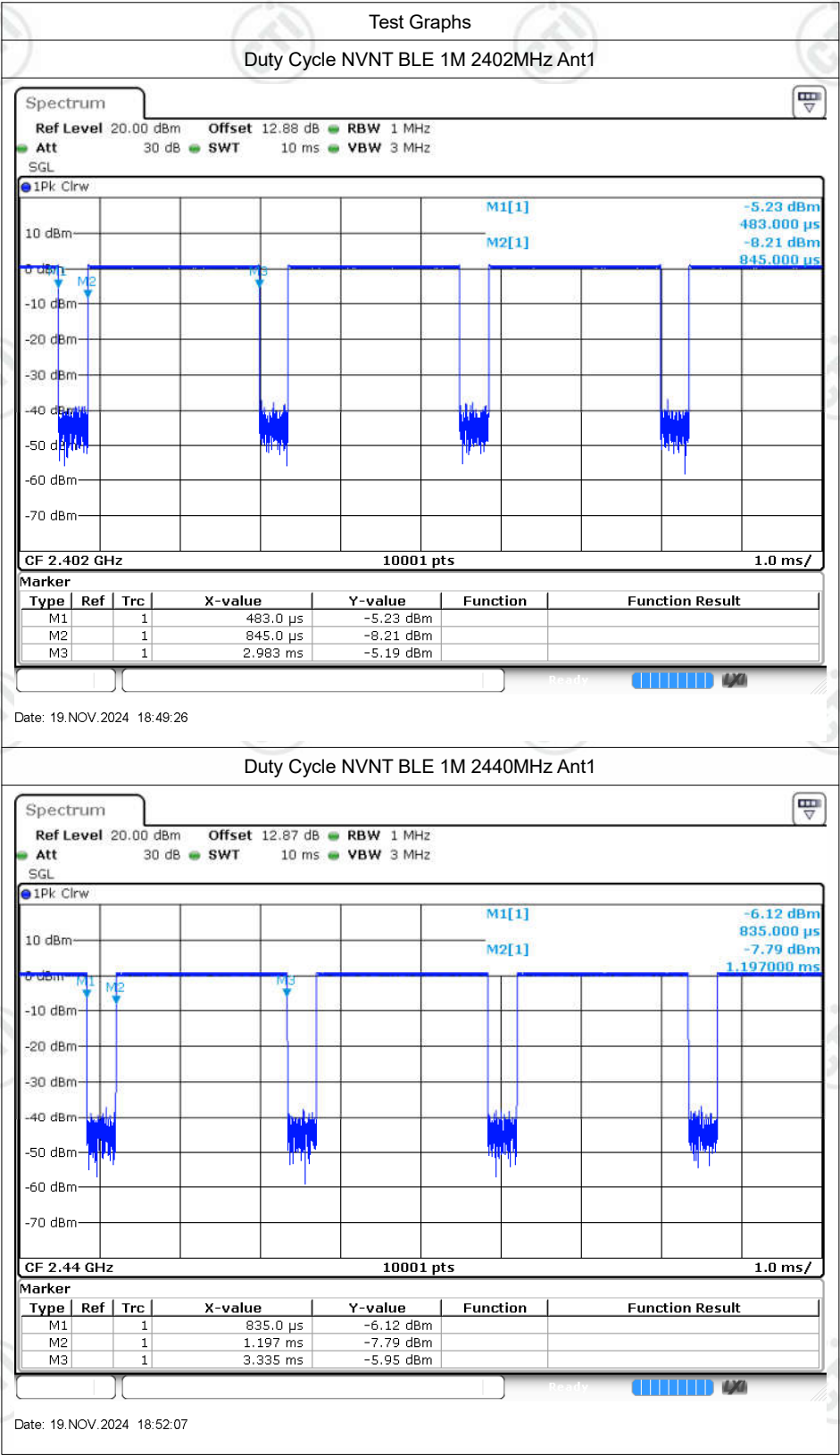
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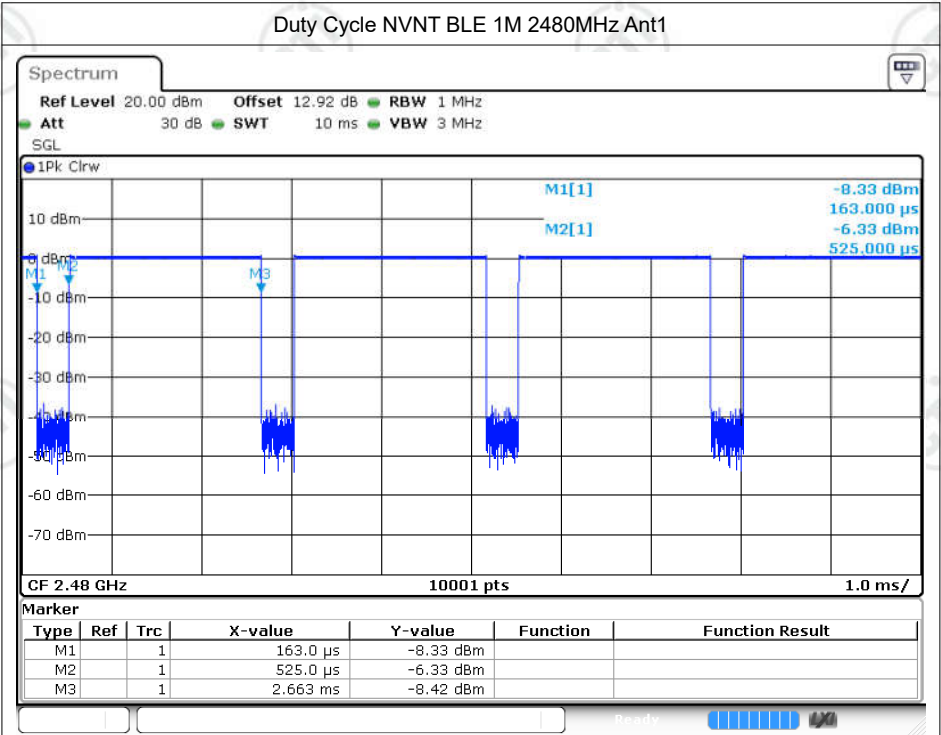
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Duty Cycle

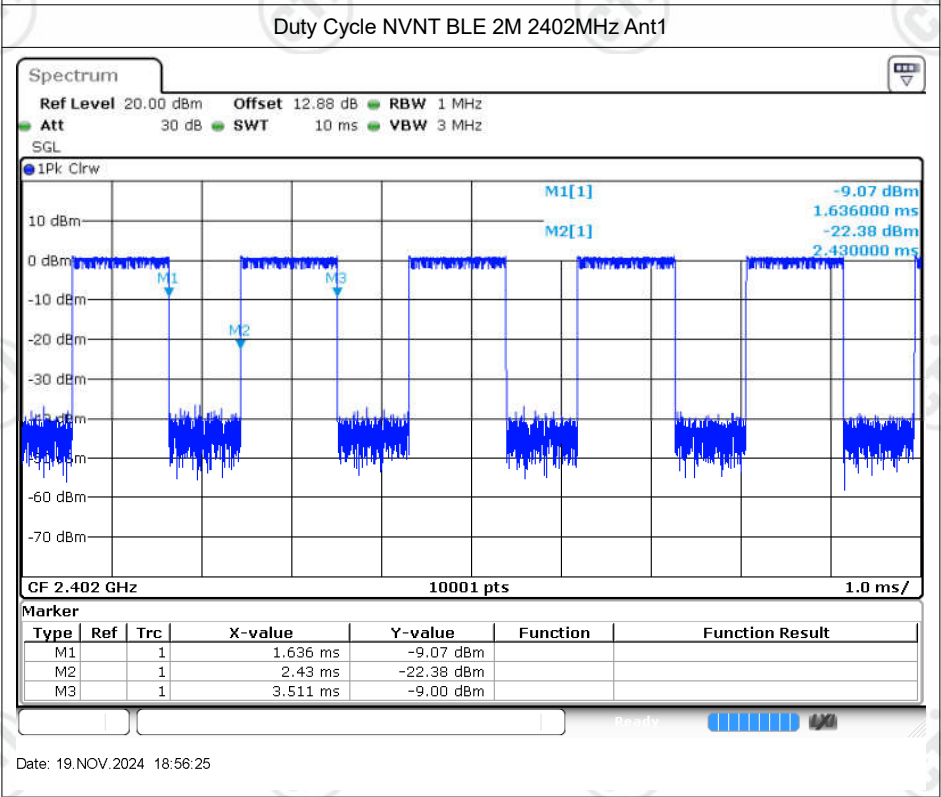
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle factor(dB)
NVNT	BLE 1M	2402	Ant1	85.52	0.68
NVNT	BLE 1M	2440	Ant1	85.52	0.68
NVNT	BLE 1M	2480	Ant1	85.52	0.68
NVNT	BLE 2M	2402	Ant1	57.65	2.39
NVNT	BLE 2M	2440	Ant1	57.65	2.39
NVNT	BLE 2M	2480	Ant1	57.65	2.39

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

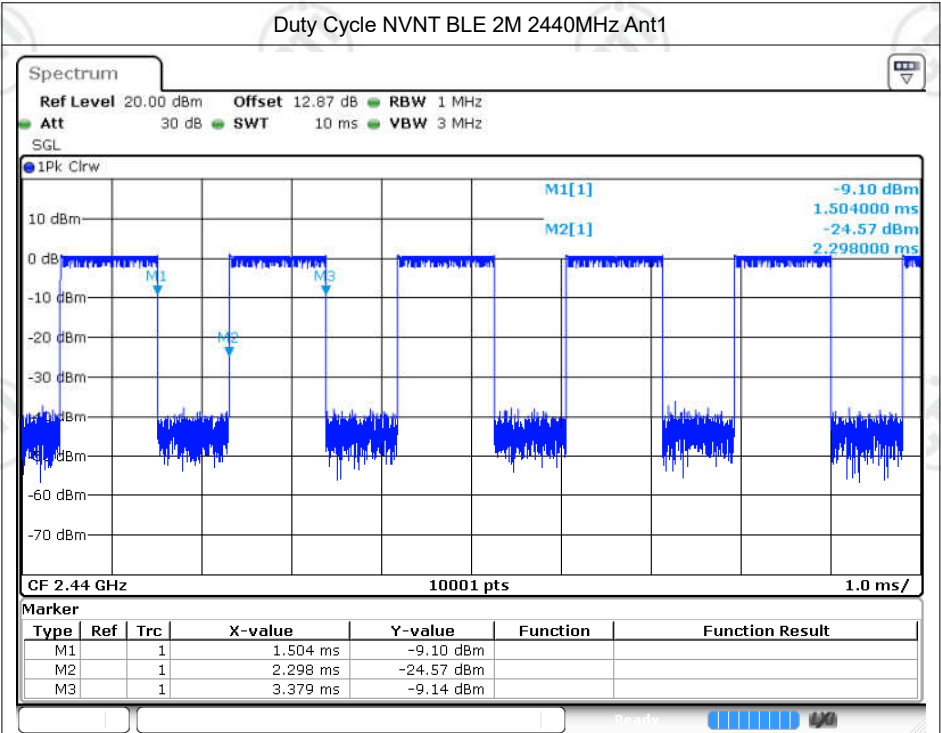




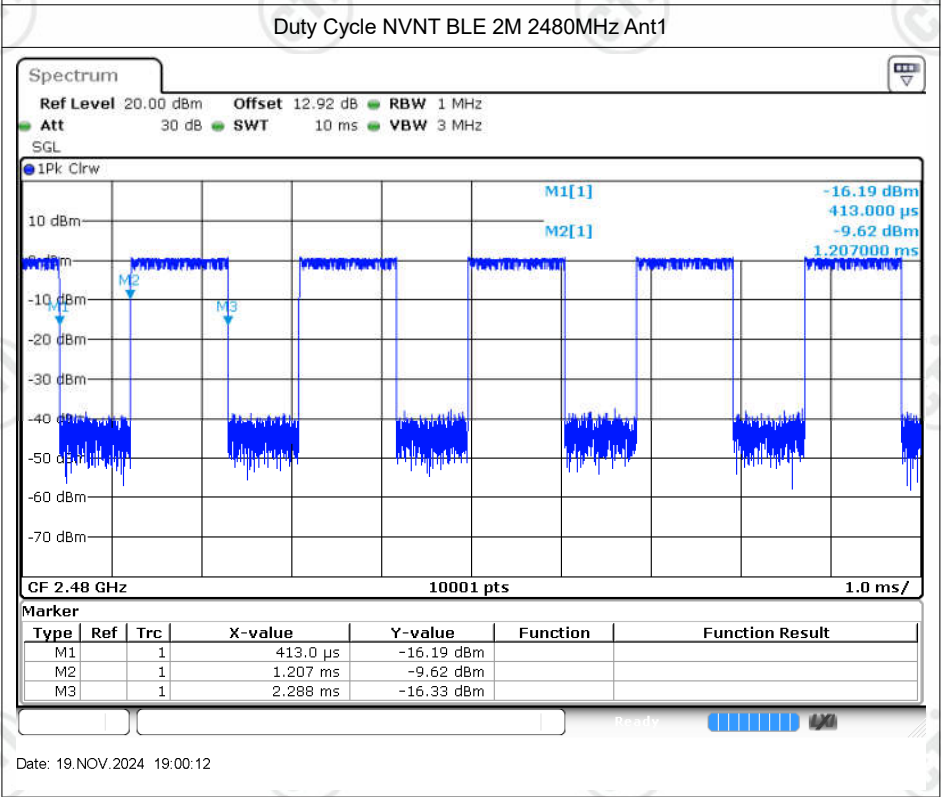
Date: 19.NOV.2024 18:54:16



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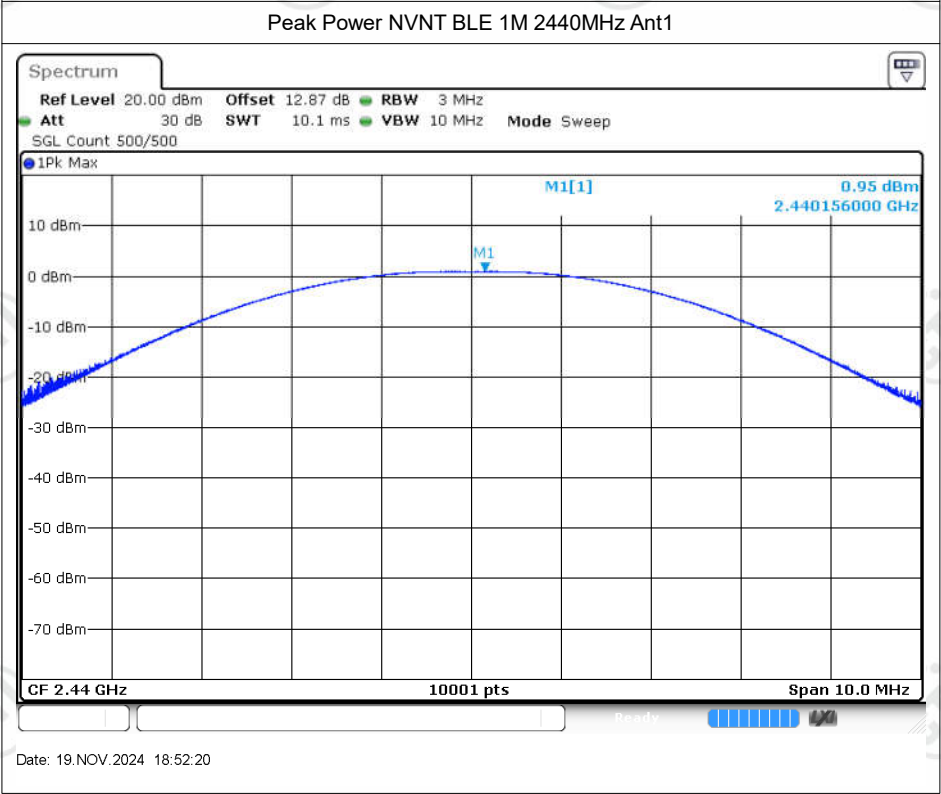
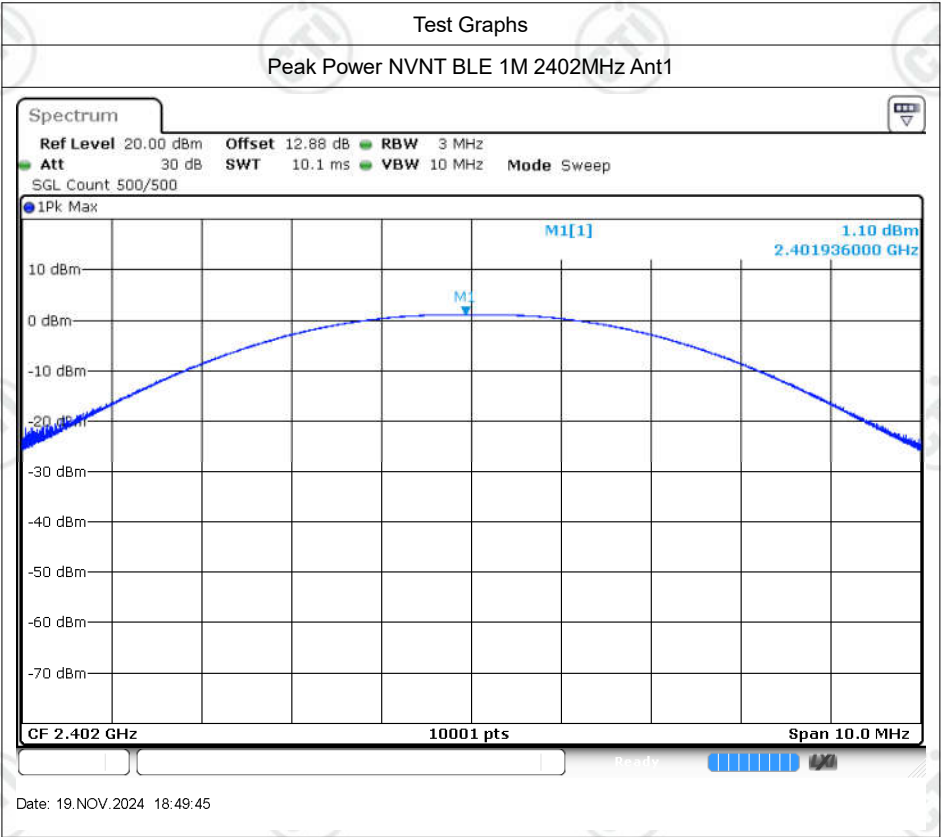
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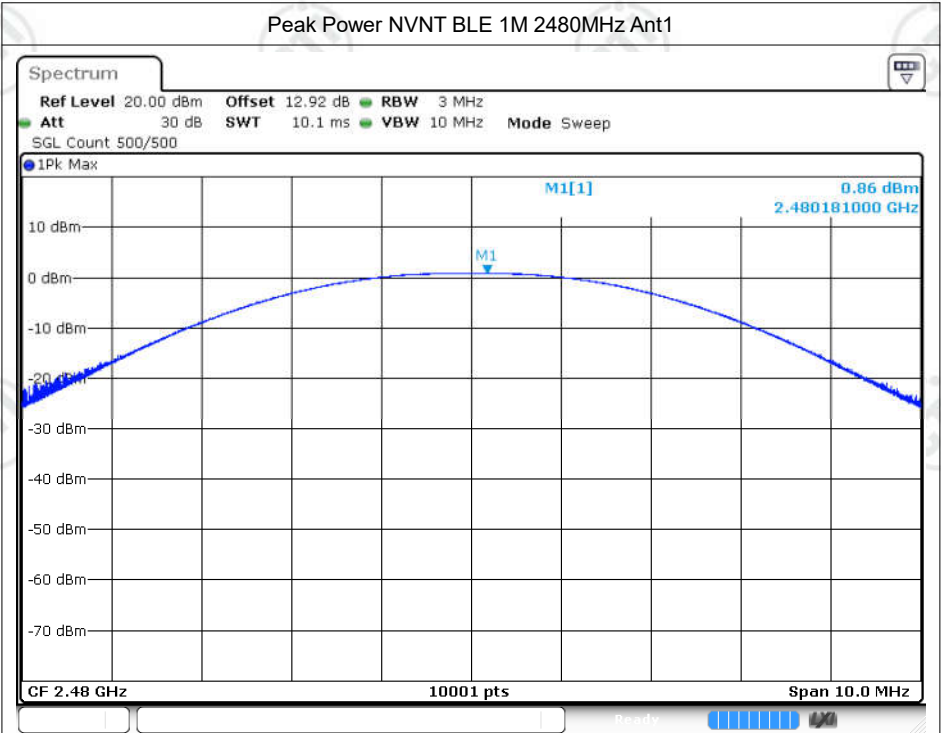


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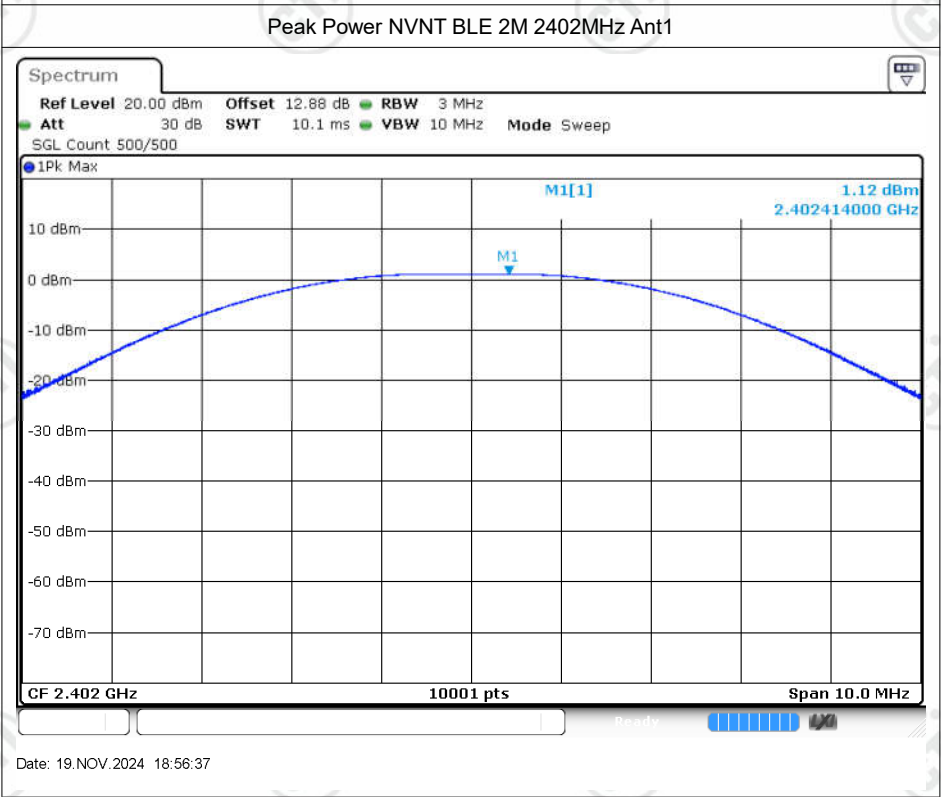
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.10	30	Pass
NVNT	BLE 1M	2440	Ant1	0.95	30	Pass
NVNT	BLE 1M	2480	Ant1	0.86	30	Pass
NVNT	BLE 2M	2402	Ant1	1.12	30	Pass
NVNT	BLE 2M	2440	Ant1	0.97	30	Pass
NVNT	BLE 2M	2480	Ant1	0.89	30	Pass

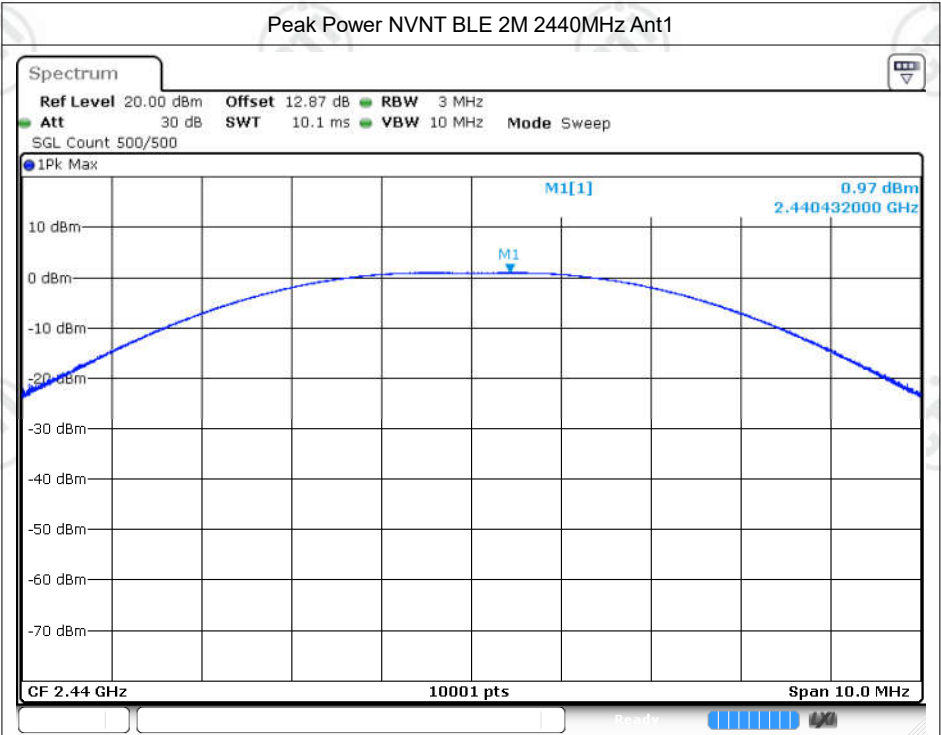




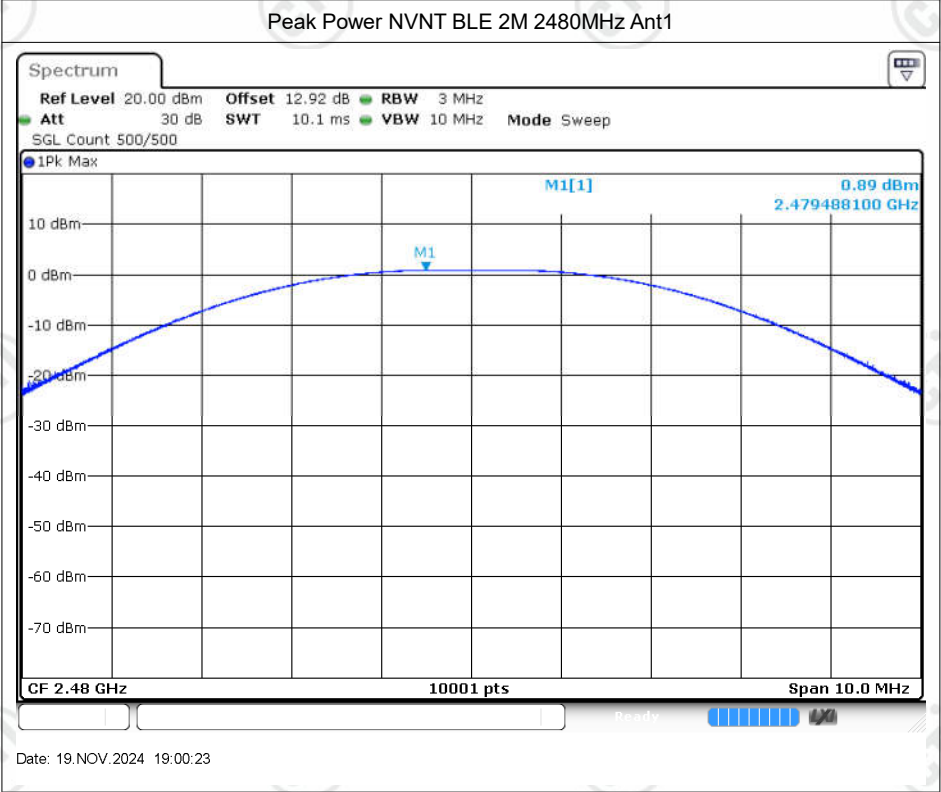
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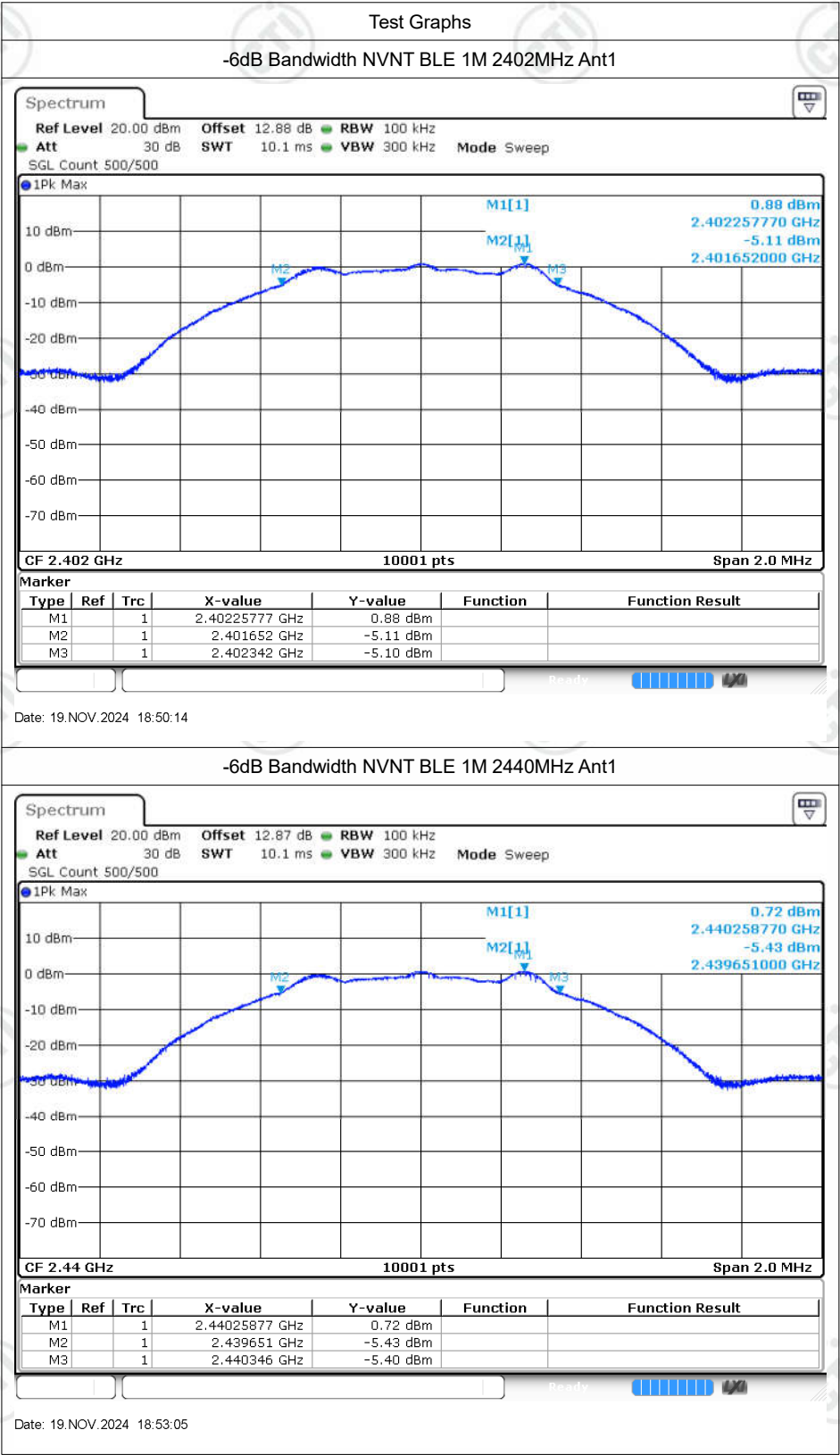
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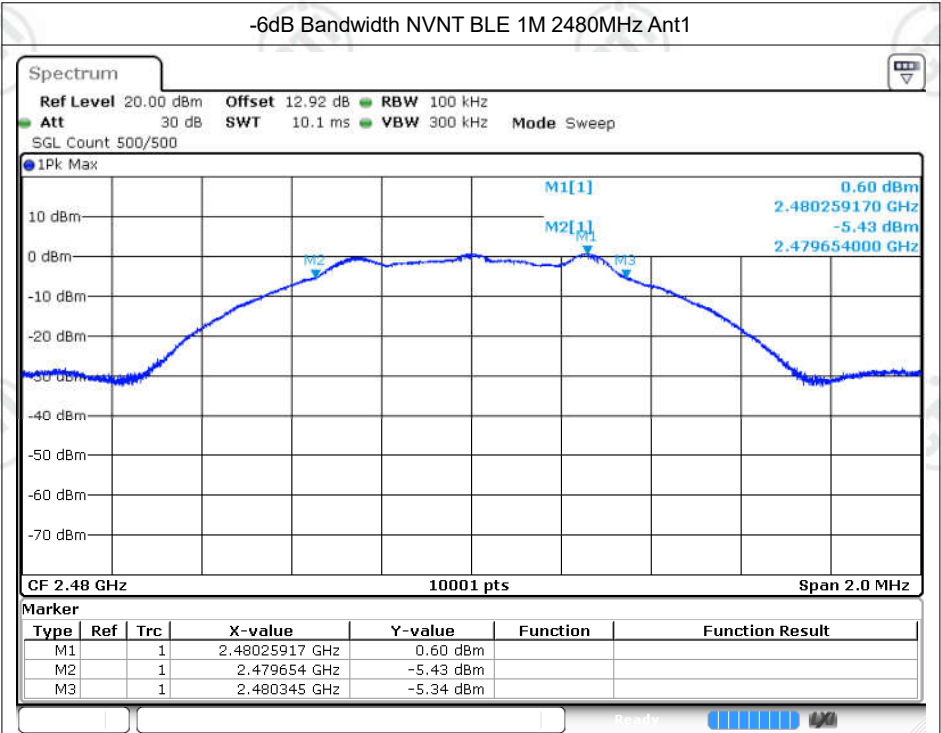


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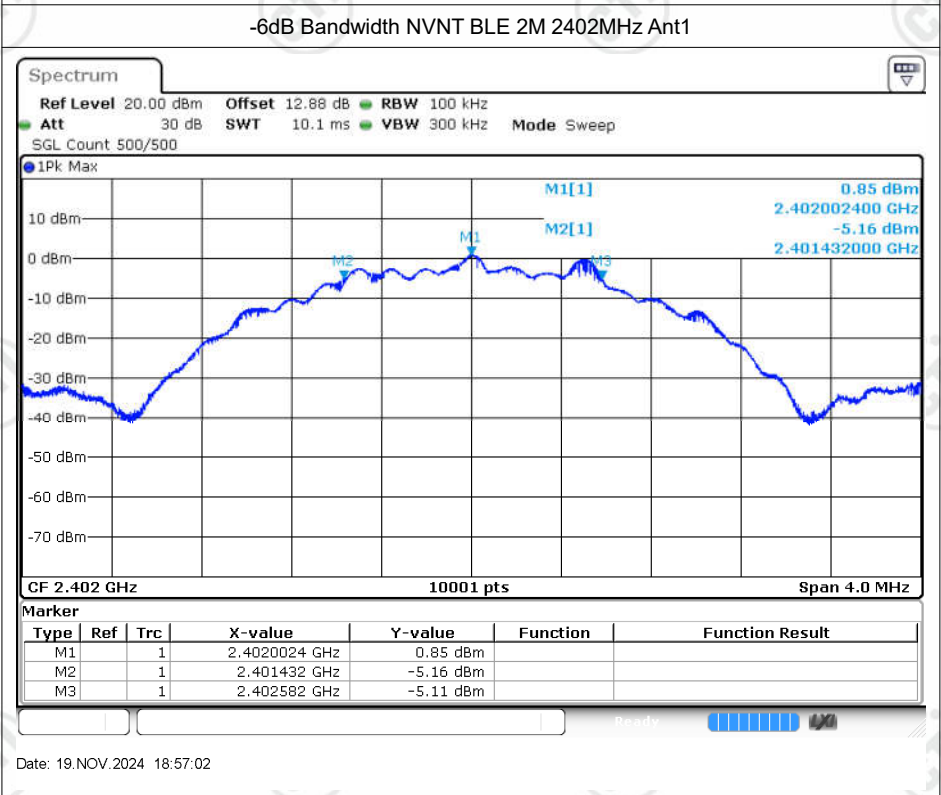
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.69	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.695	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.691	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.15	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.142	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.144	0.5	Pass

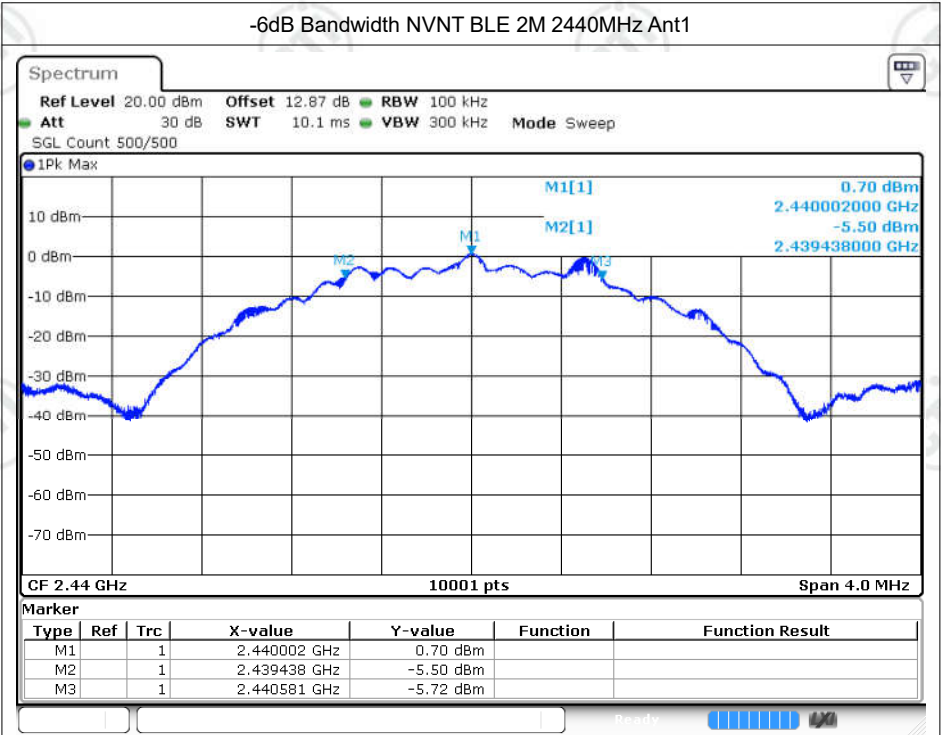




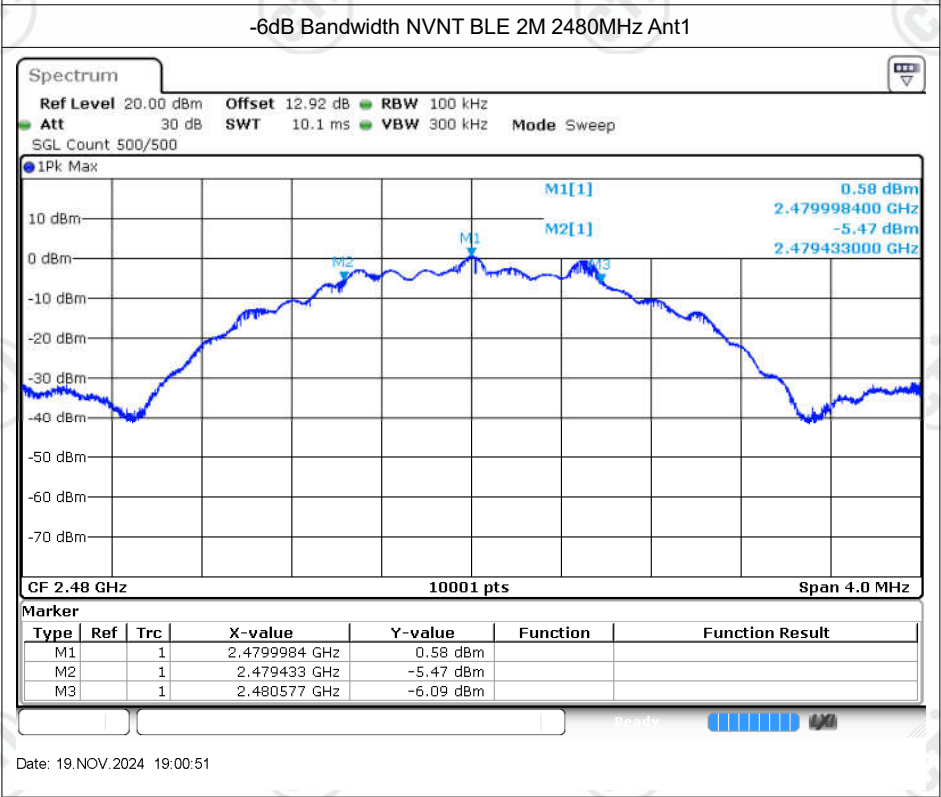
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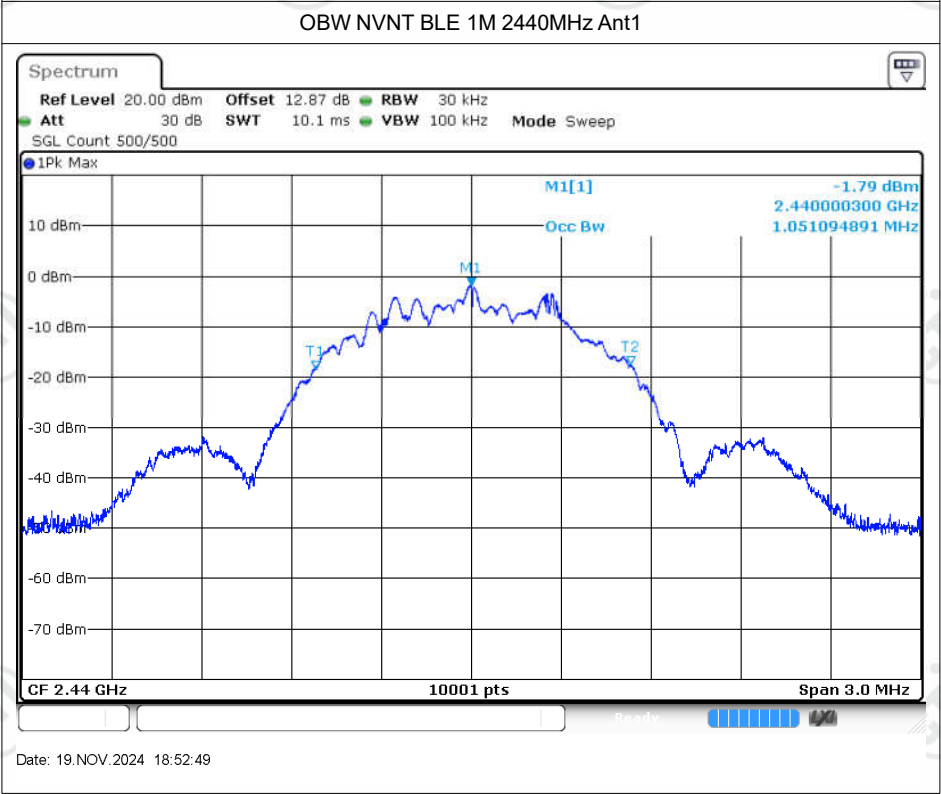
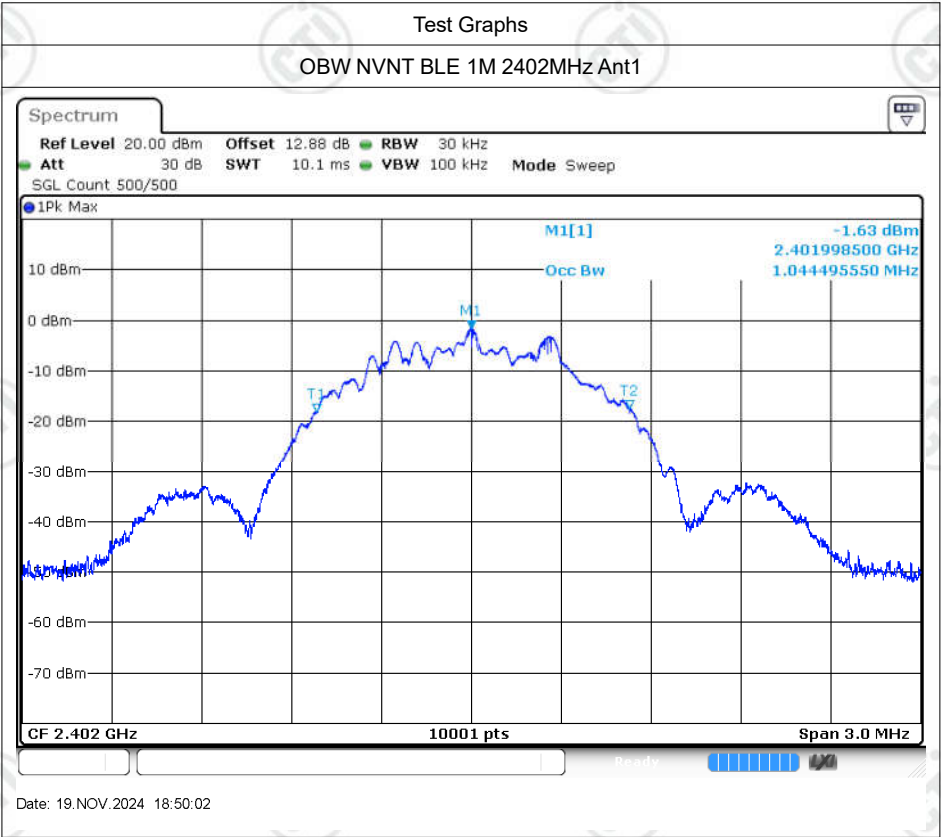
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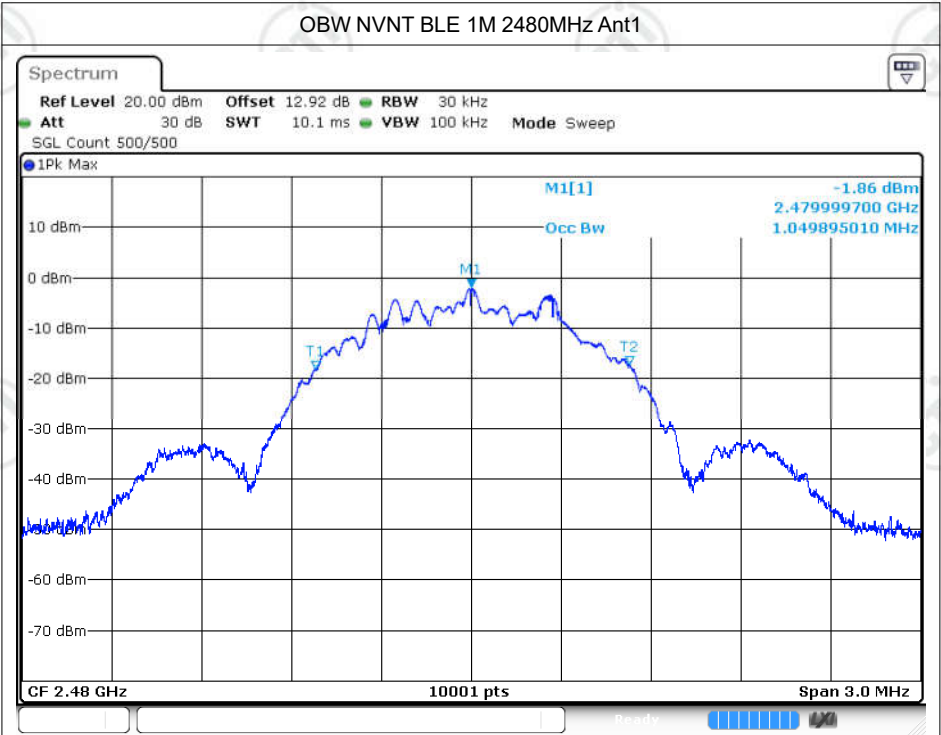


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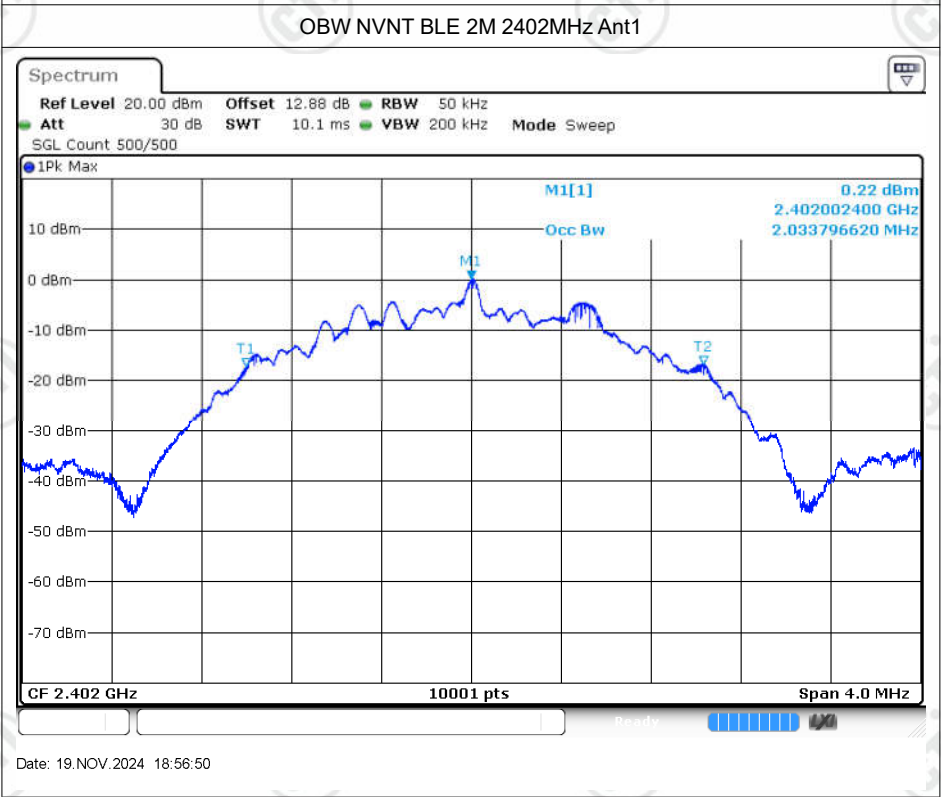
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.044
NVNT	BLE 1M	2440	Ant1	1.051
NVNT	BLE 1M	2480	Ant1	1.050
NVNT	BLE 2M	2402	Ant1	2.034
NVNT	BLE 2M	2440	Ant1	2.035
NVNT	BLE 2M	2480	Ant1	2.040

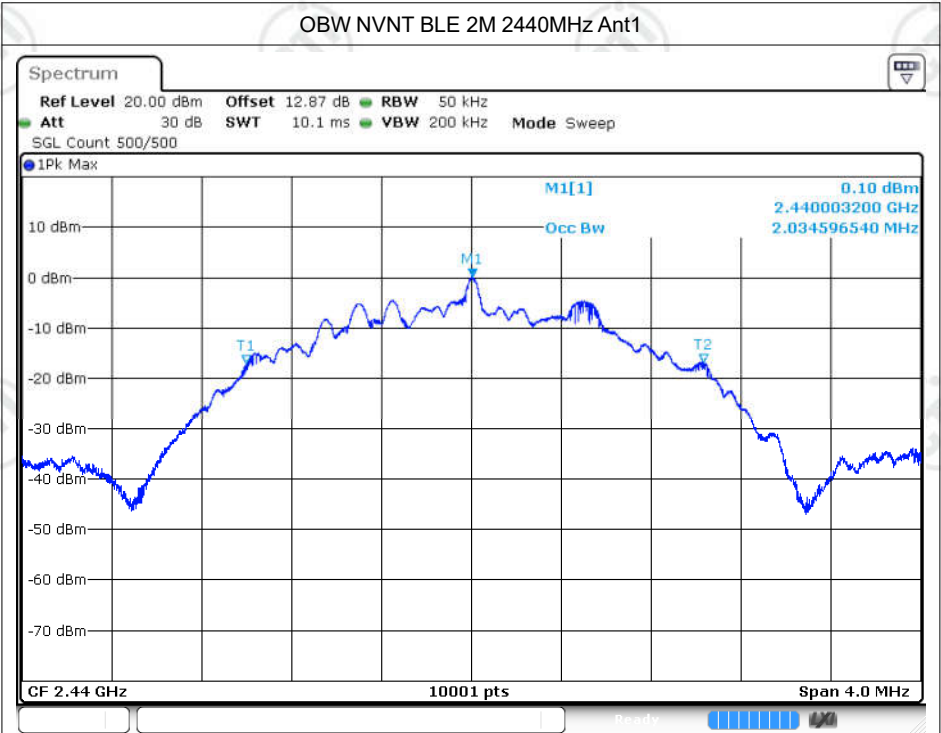




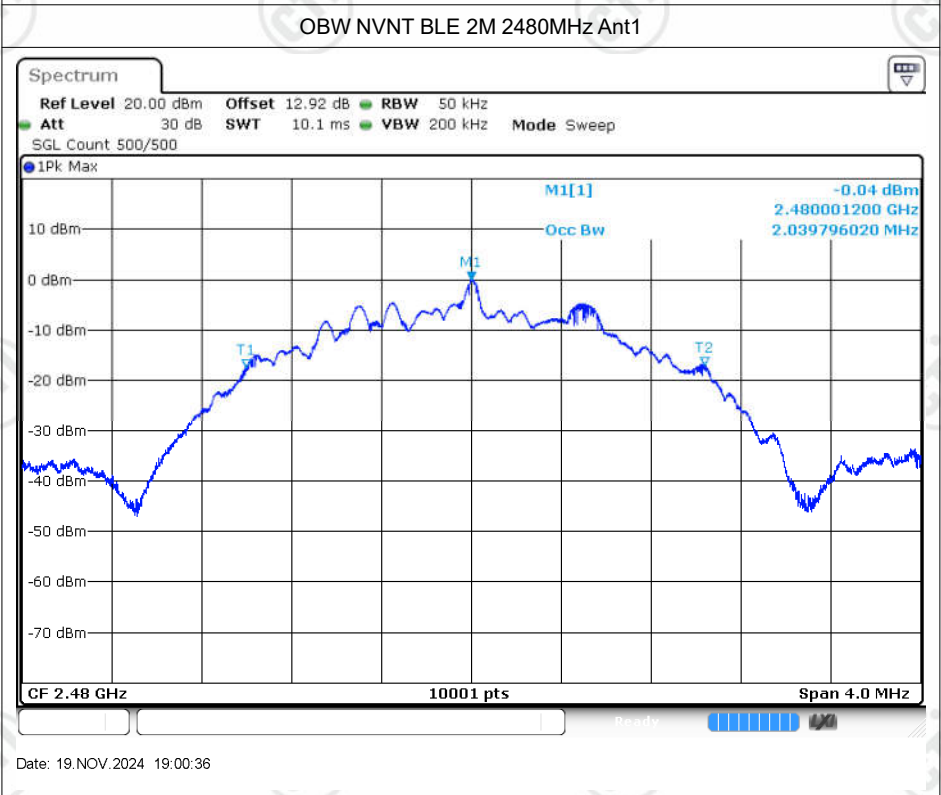
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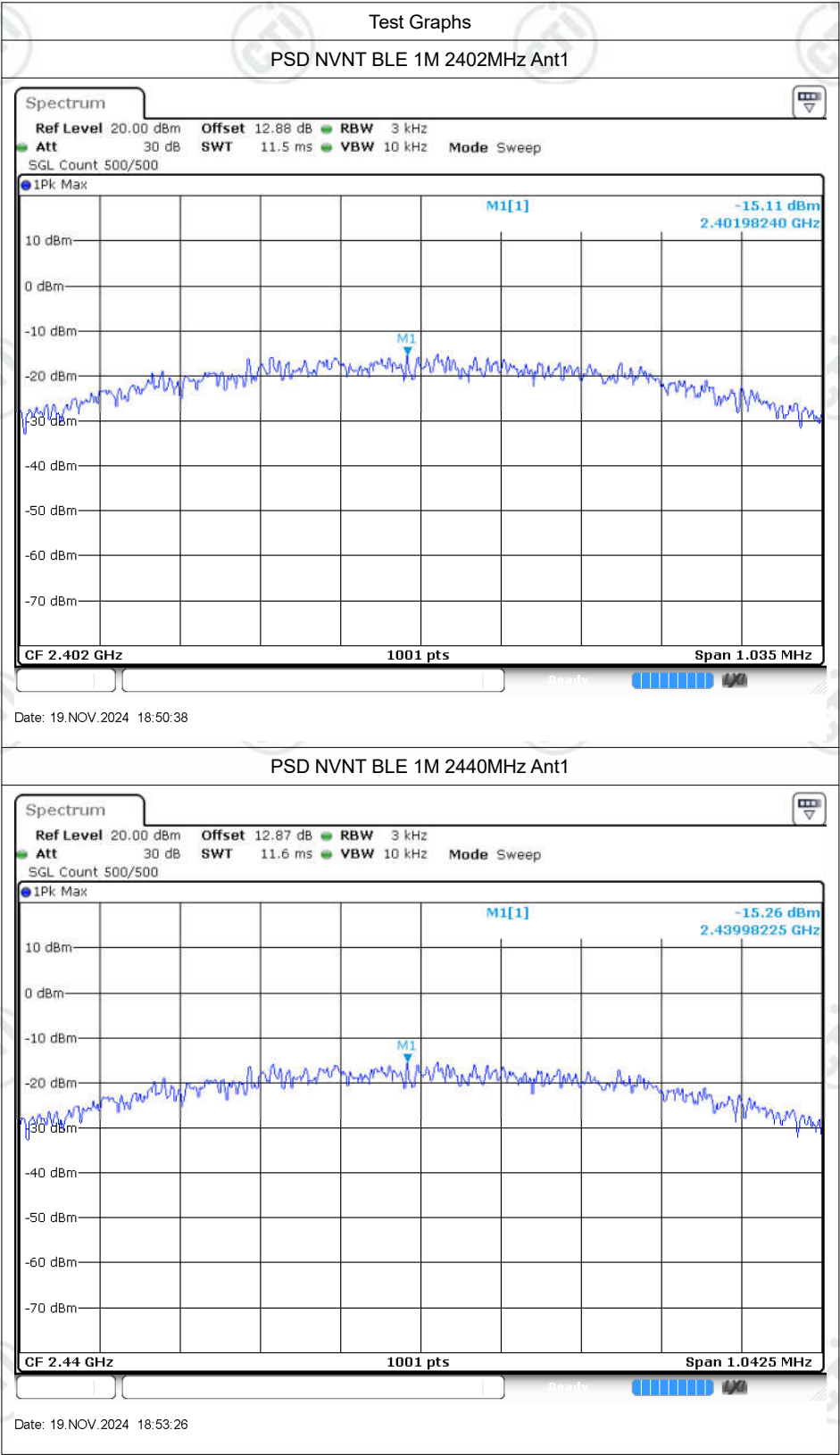
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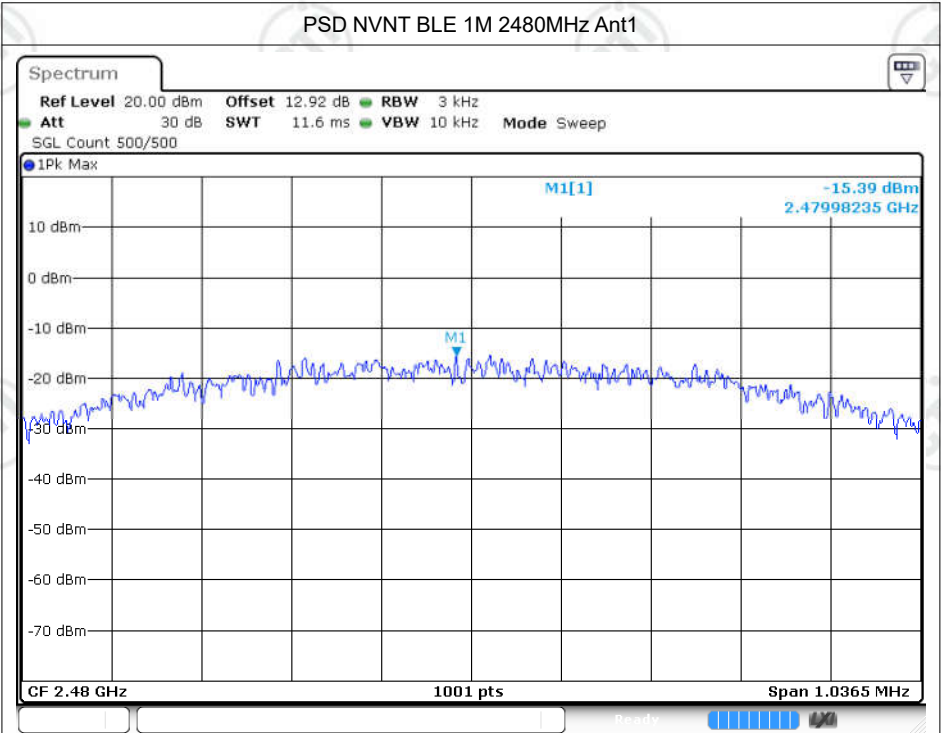


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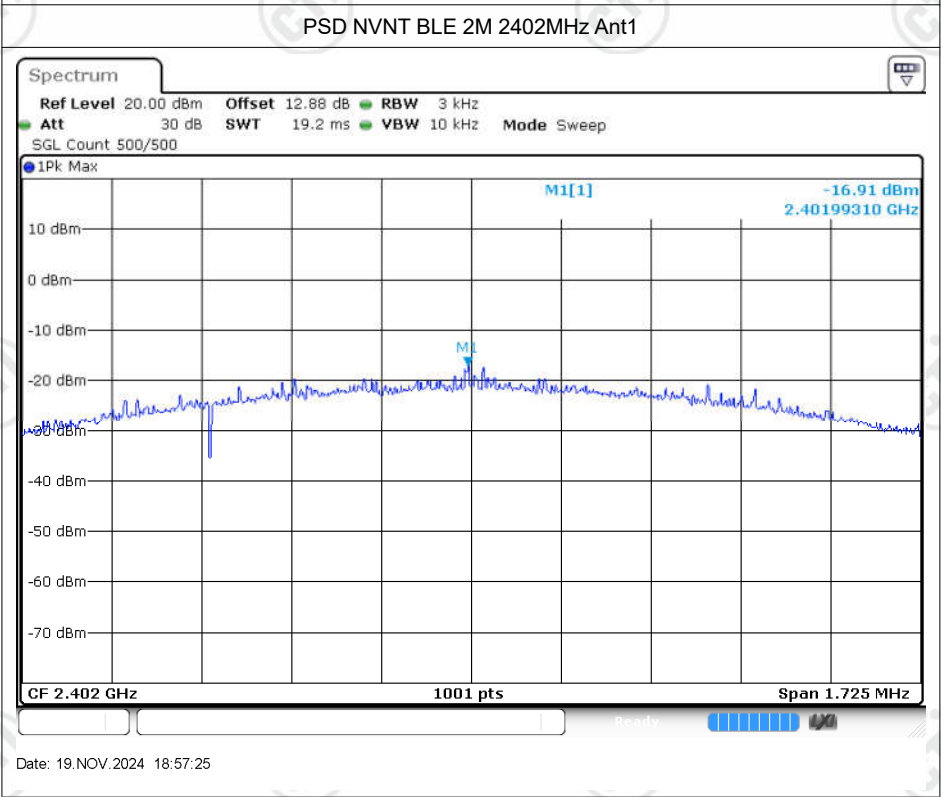
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.11	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.26	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.39	8	Pass
NVNT	BLE 2M	2402	Ant1	-16.91	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.02	8	Pass
NVNT	BLE 2M	2480	Ant1	-17.15	8	Pass

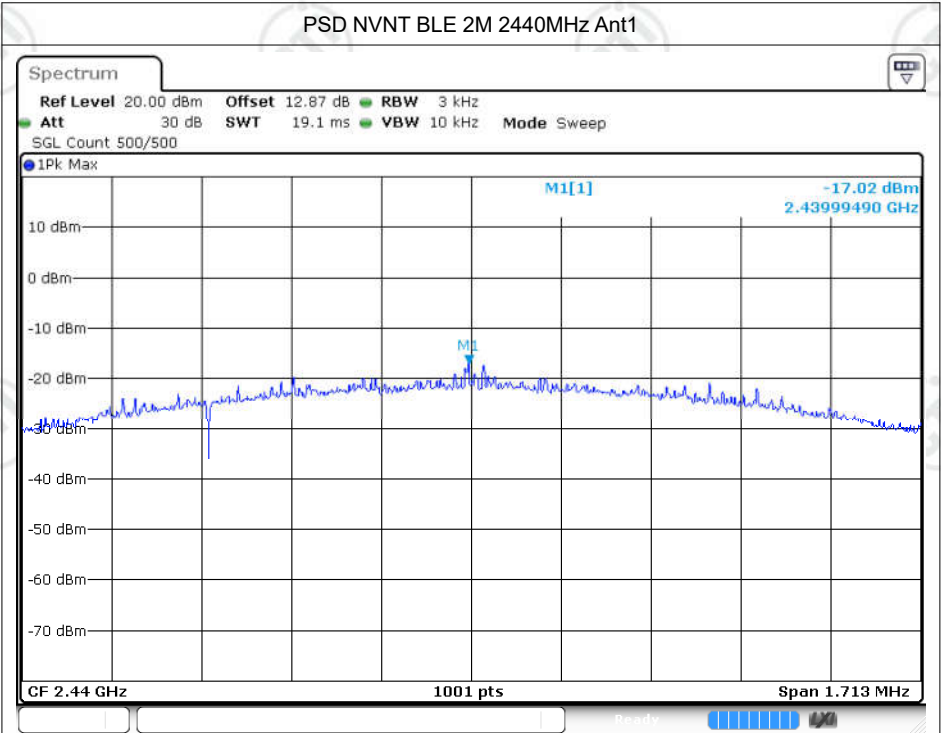




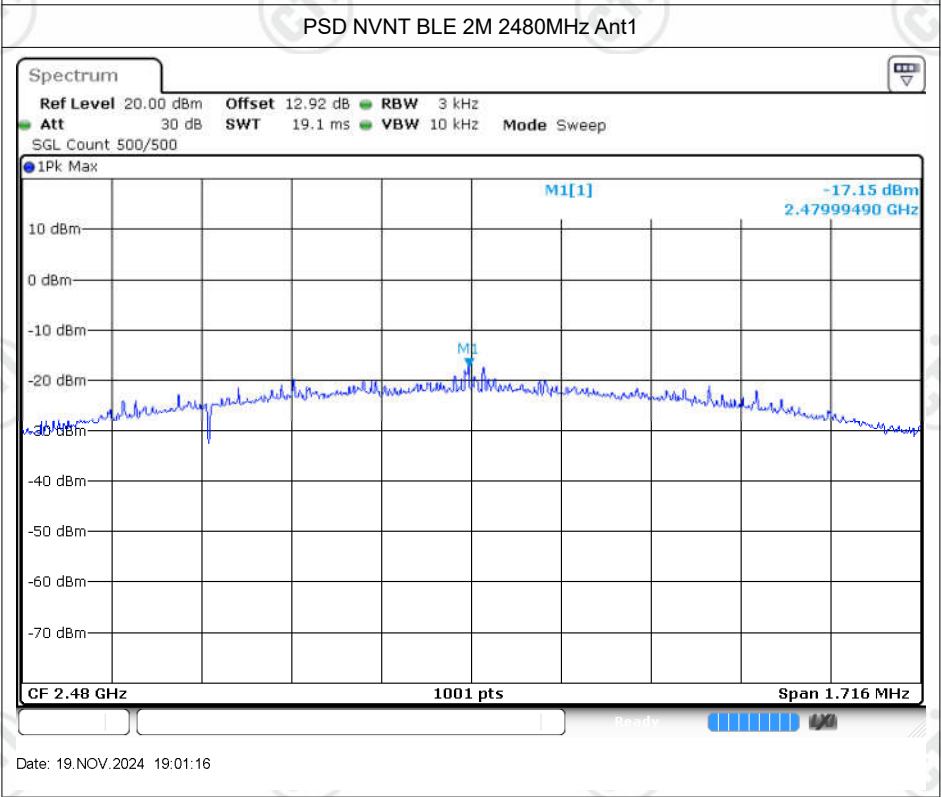
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Date: 19.NOV.2024 18:57:25



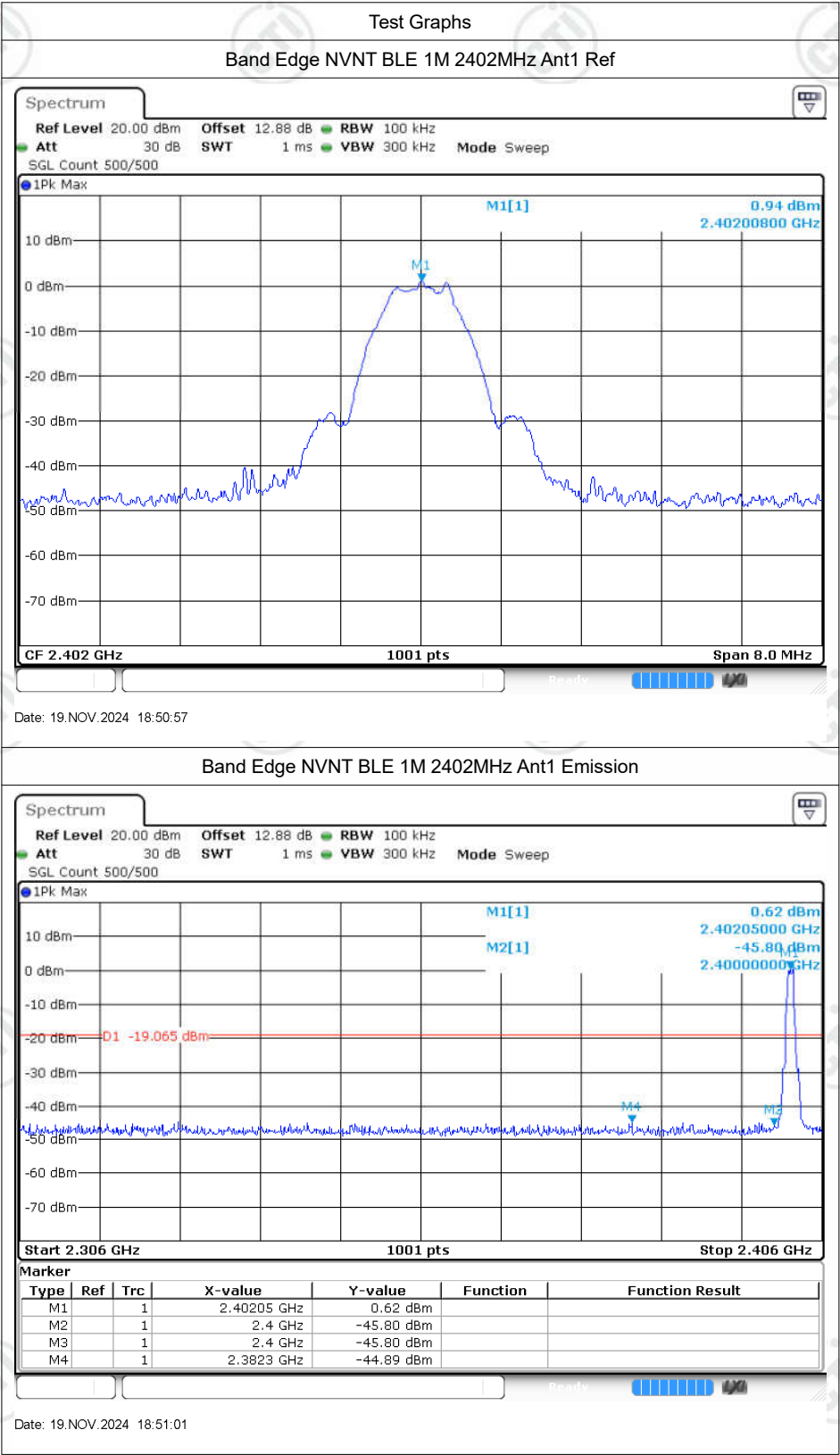
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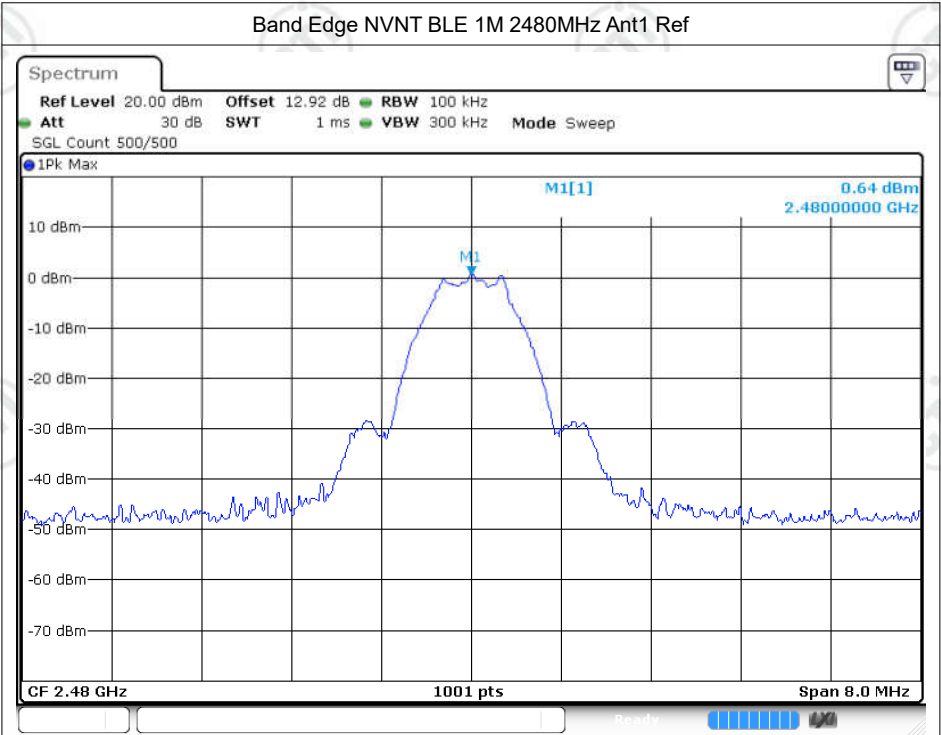


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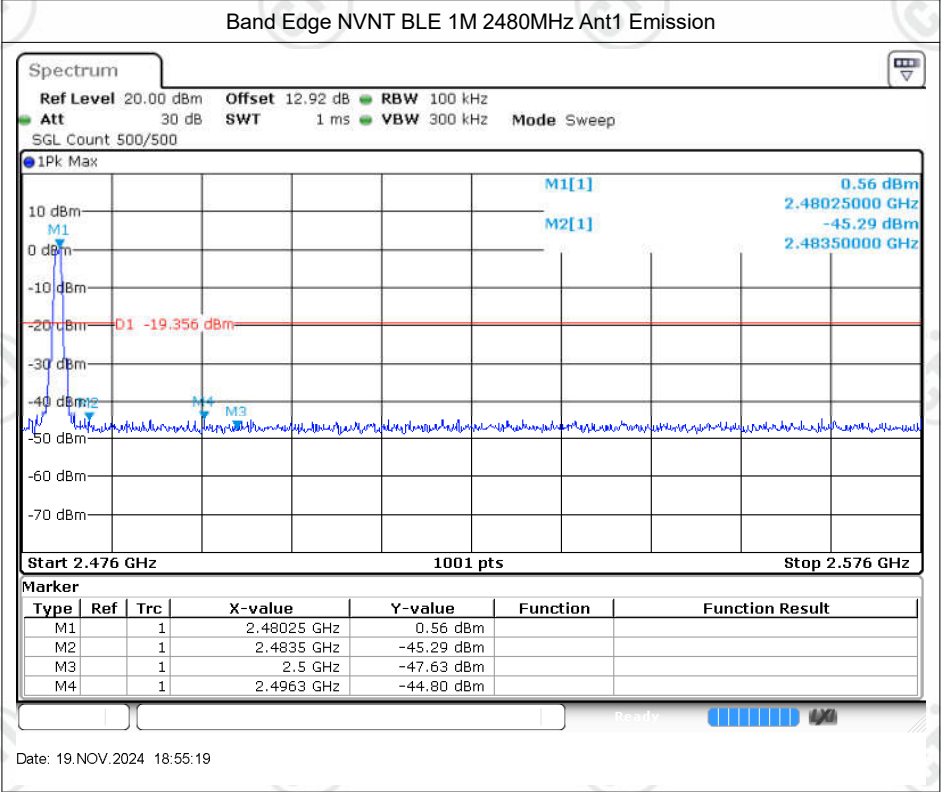
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.82	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.43	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.73	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.43	-20	Pass

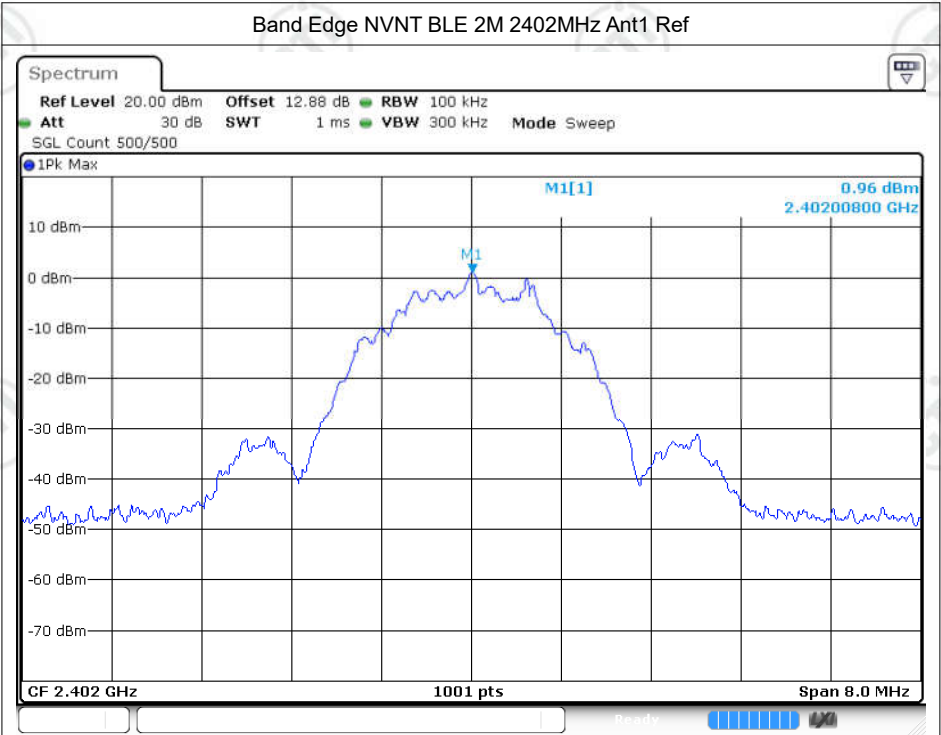




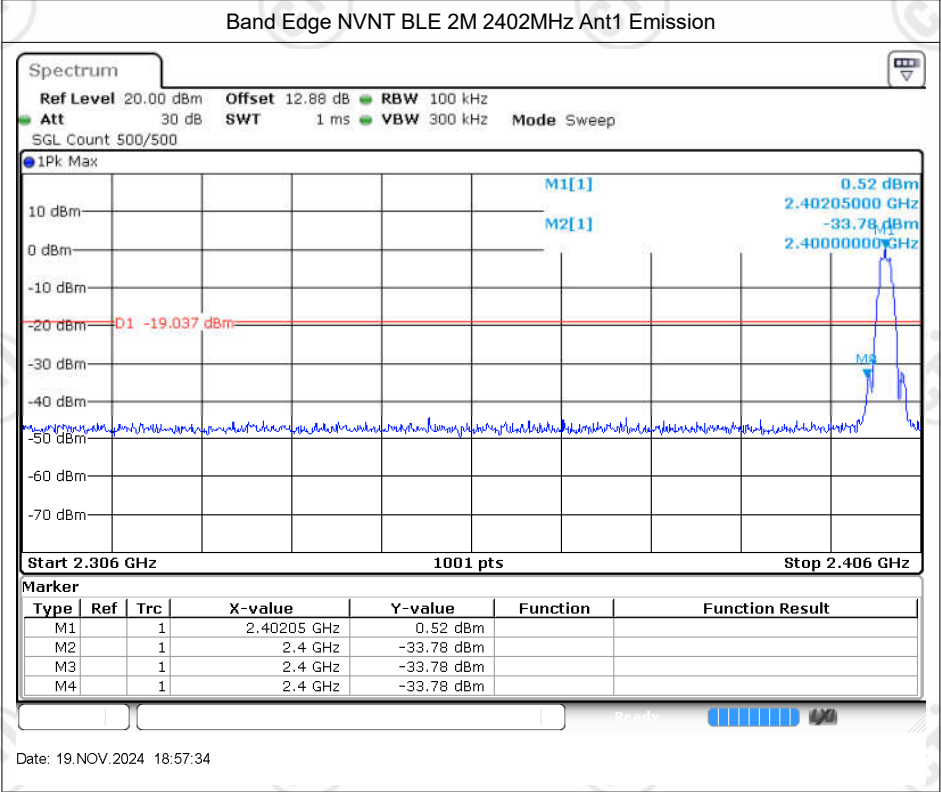
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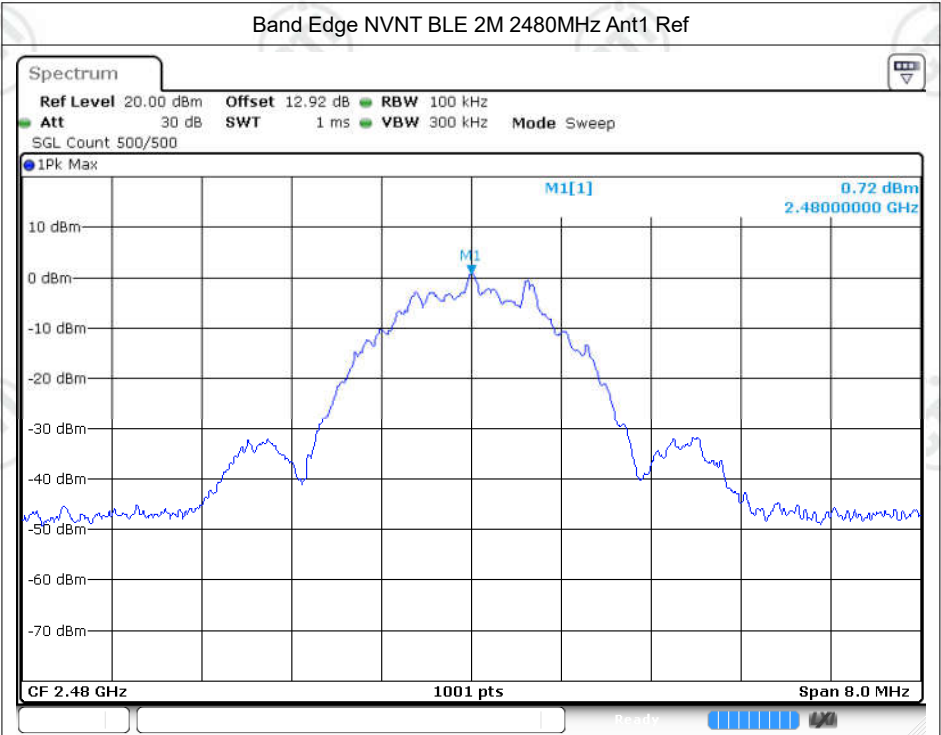
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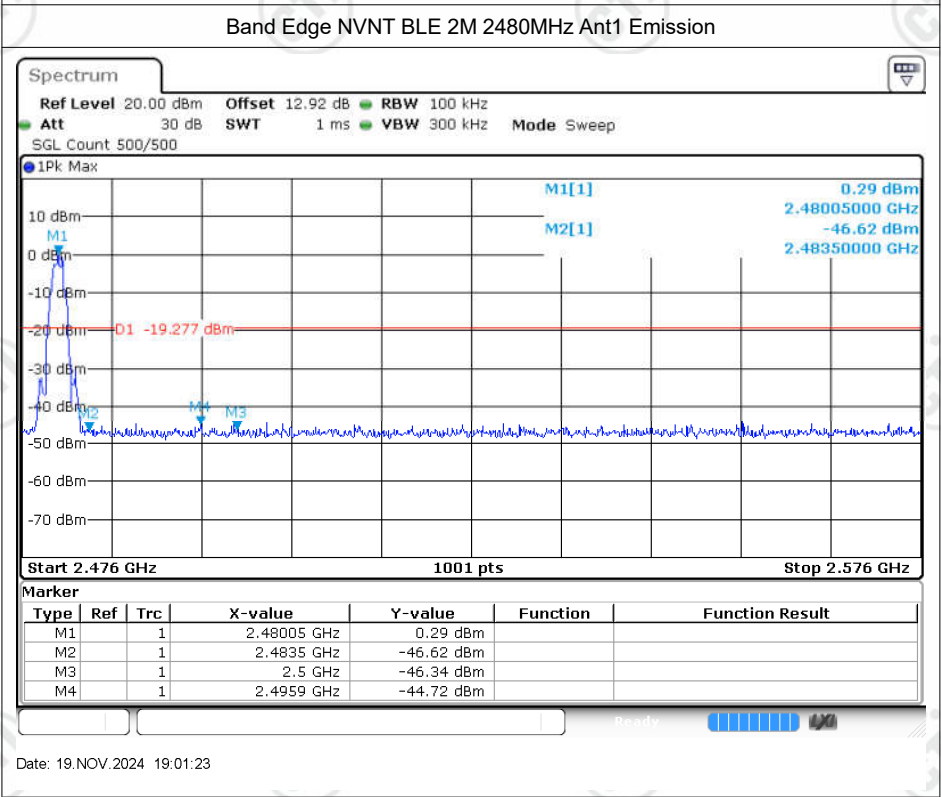
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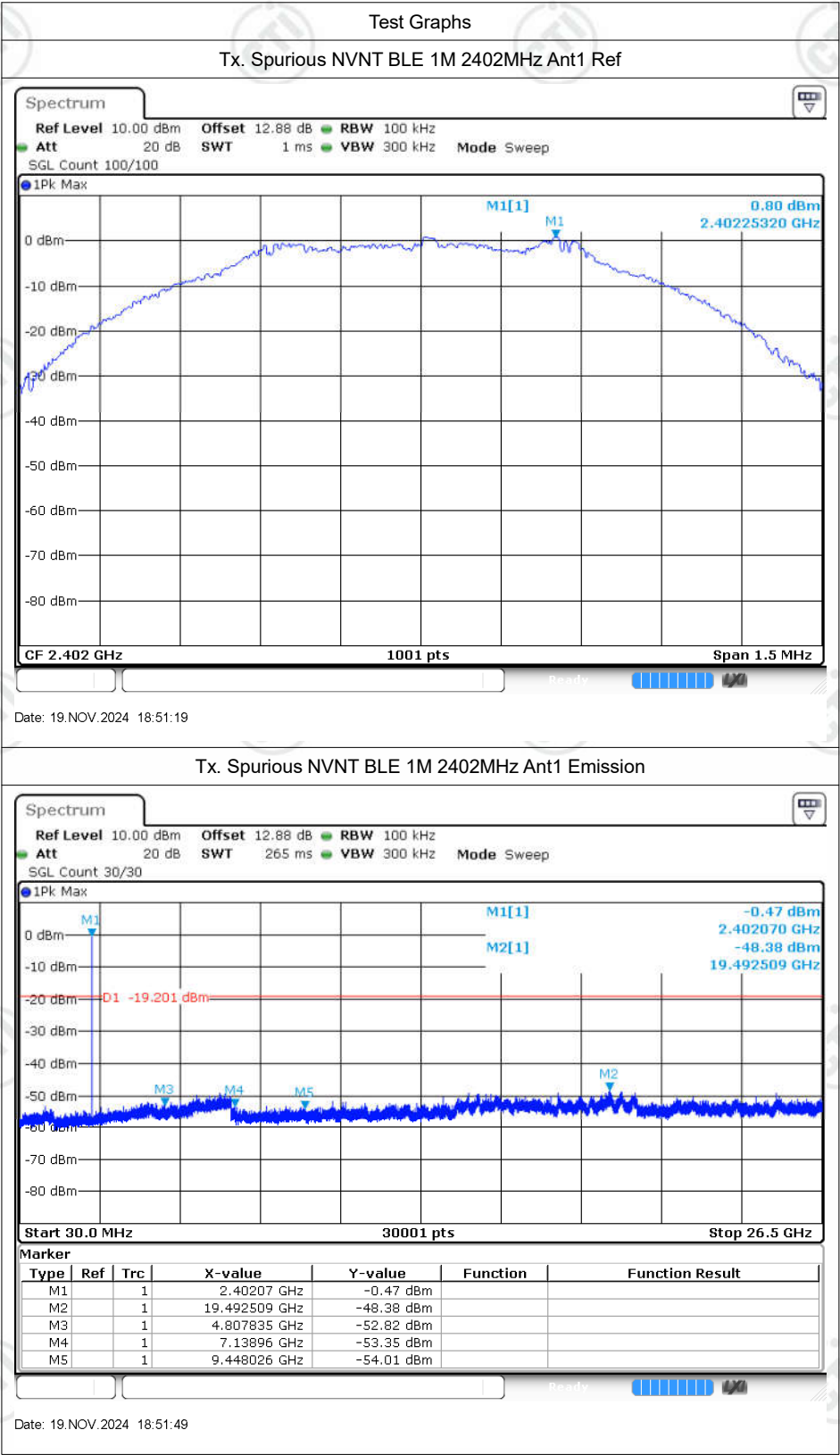


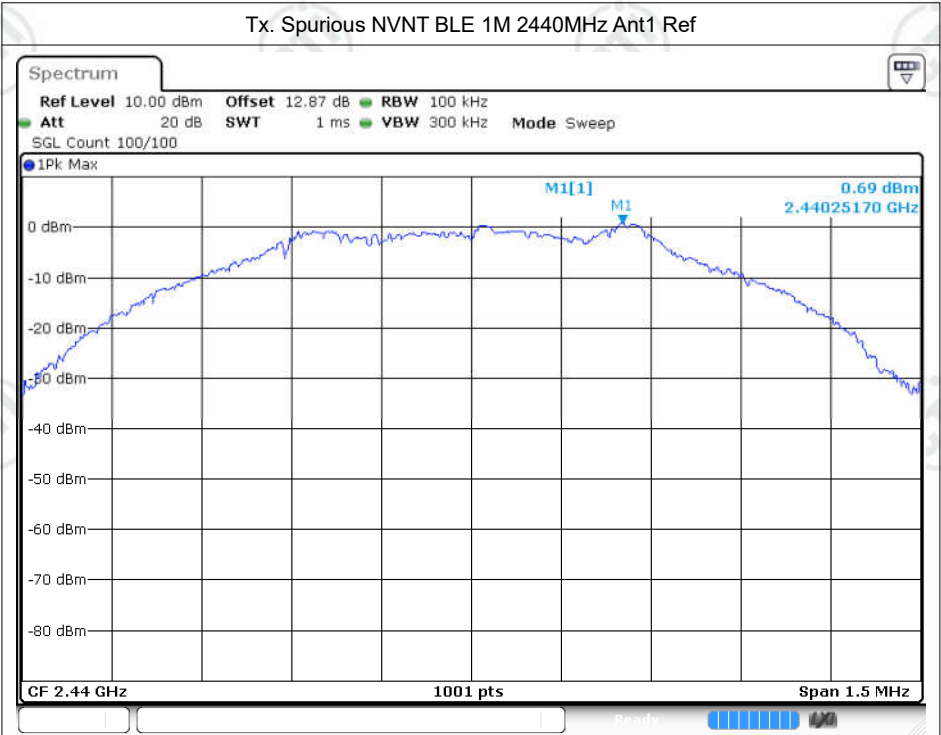
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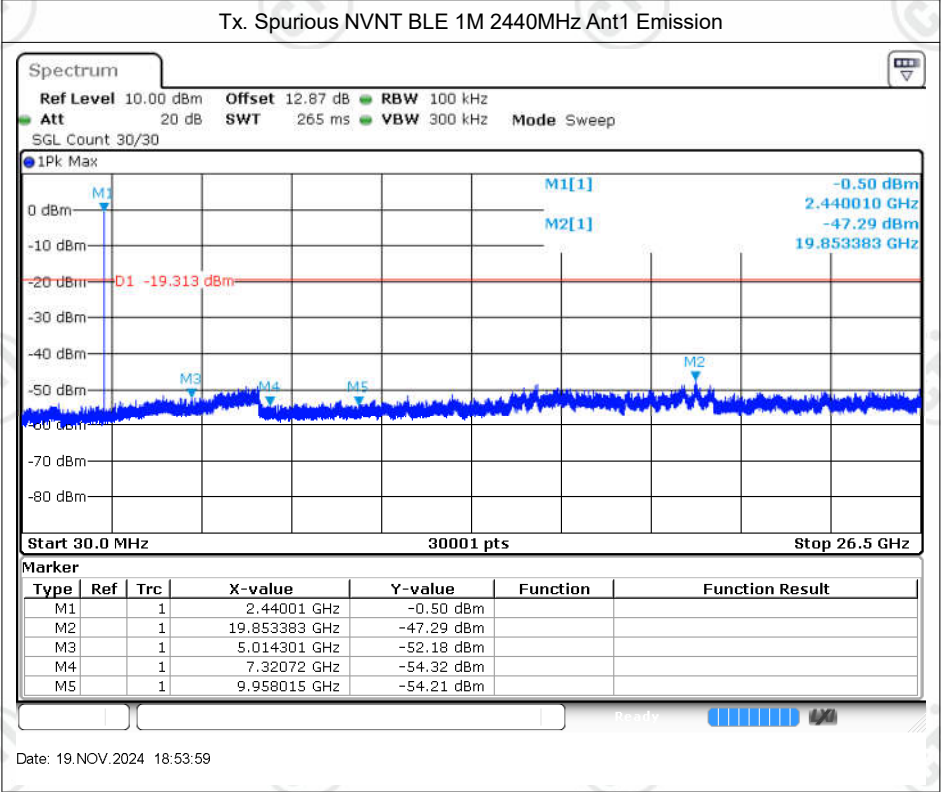
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-49.17	-20	Pass
NVNT	BLE 1M	2440	Ant1	-47.97	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.69	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.82	-20	Pass
NVNT	BLE 2M	2440	Ant1	-49.08	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.99	-20	Pass

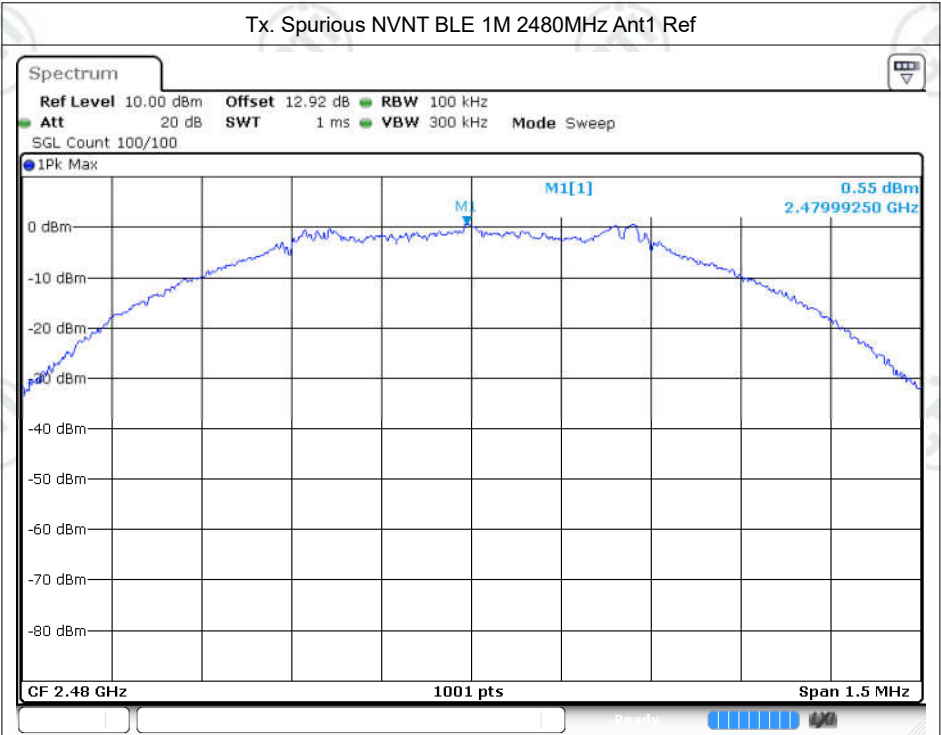




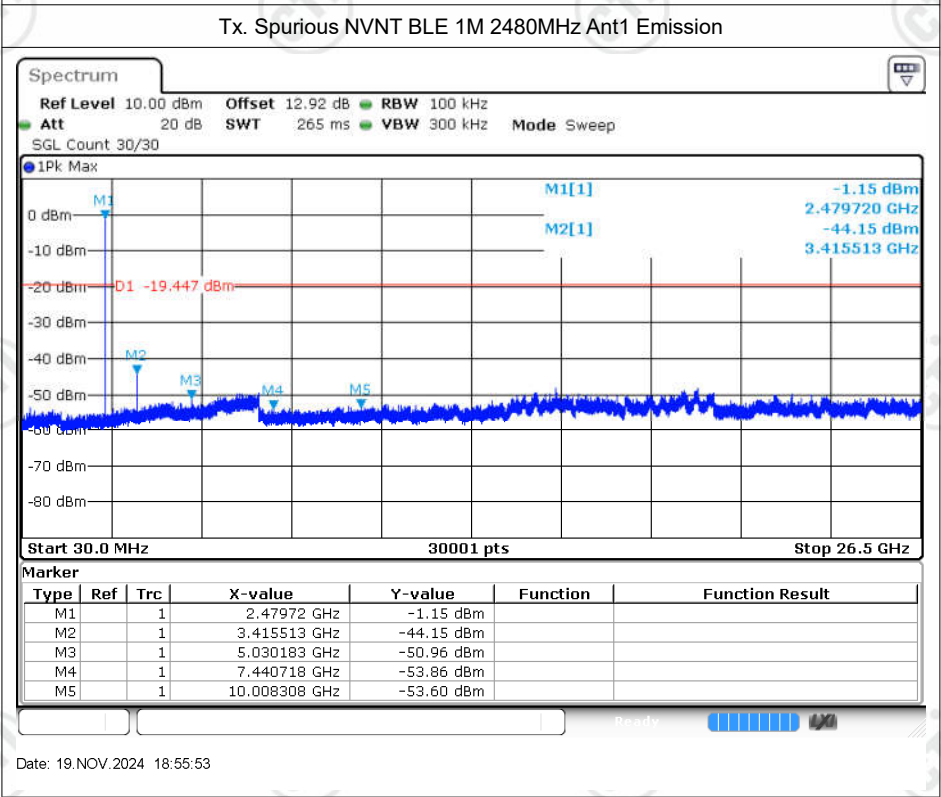
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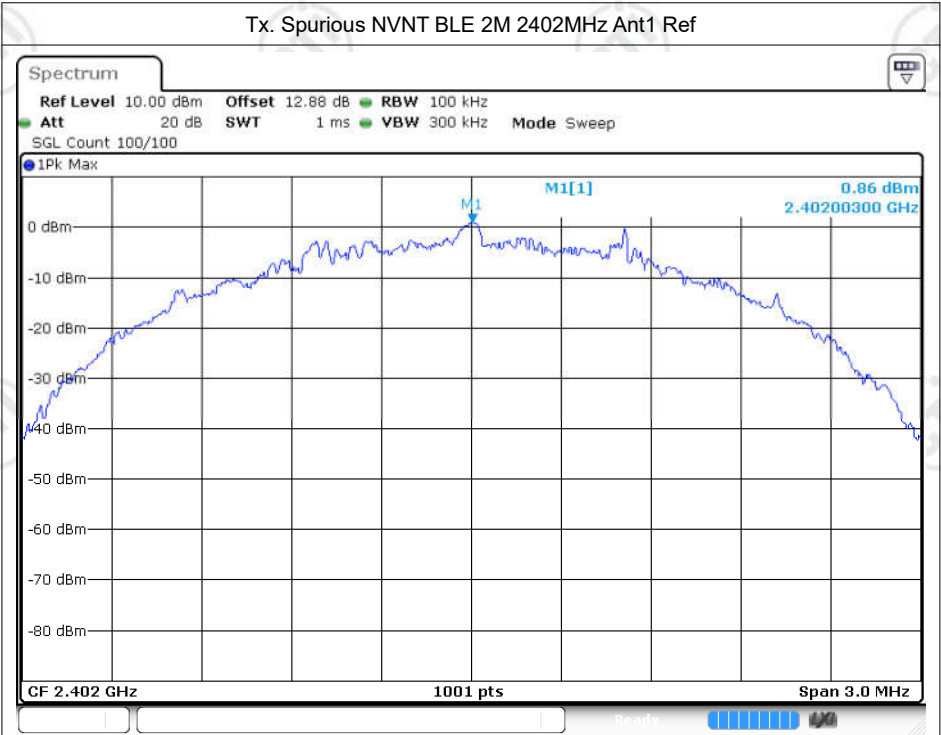


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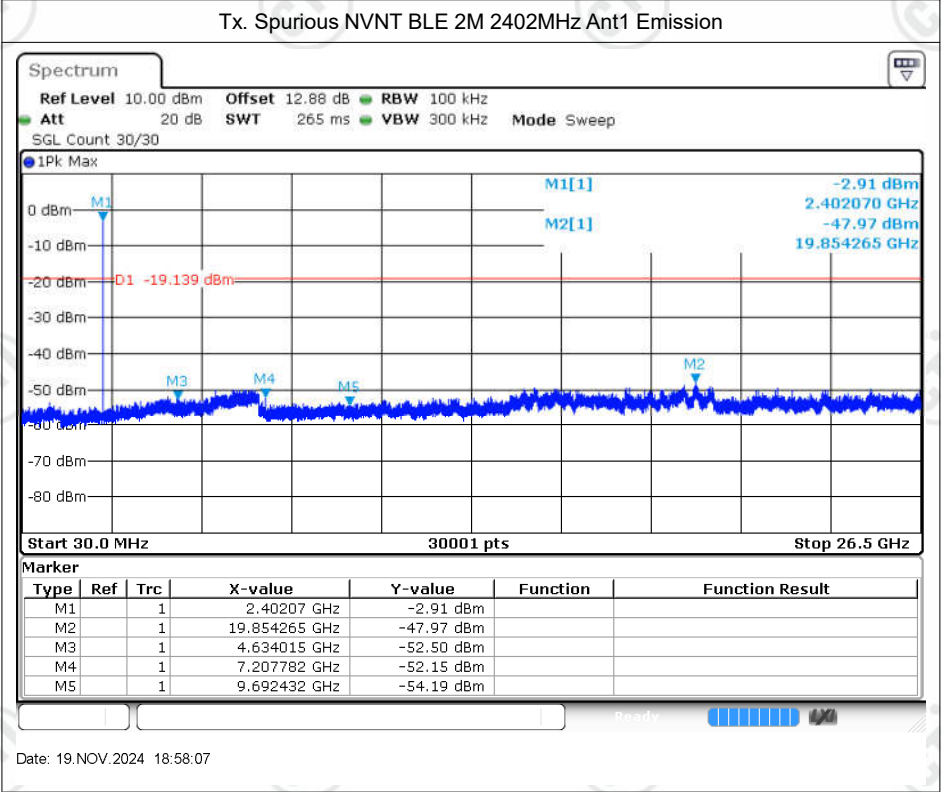


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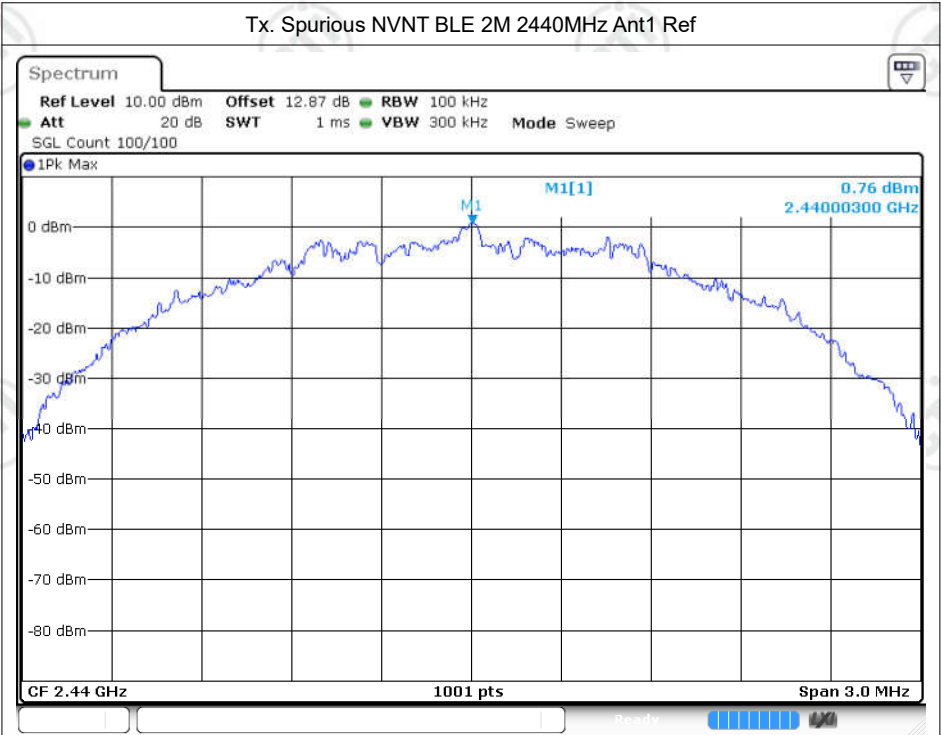




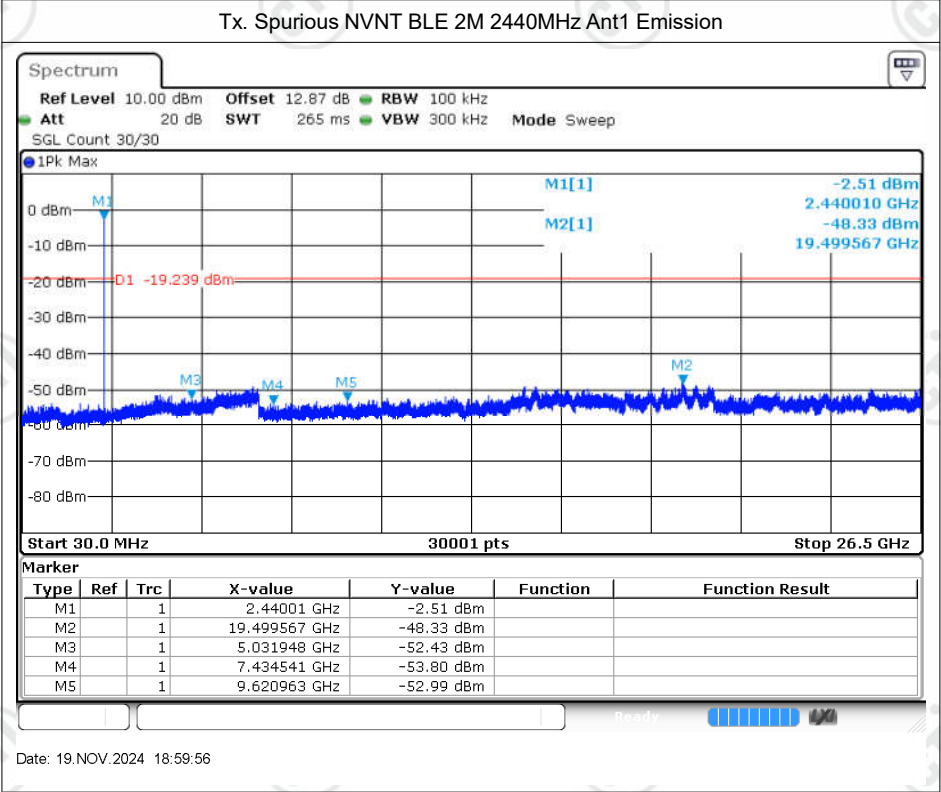
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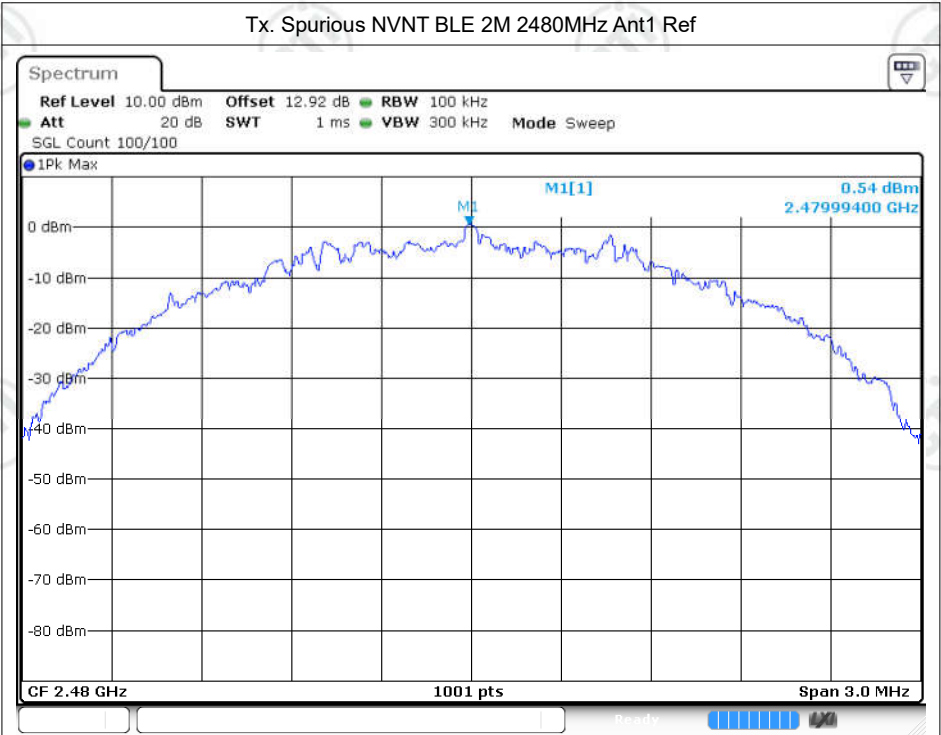
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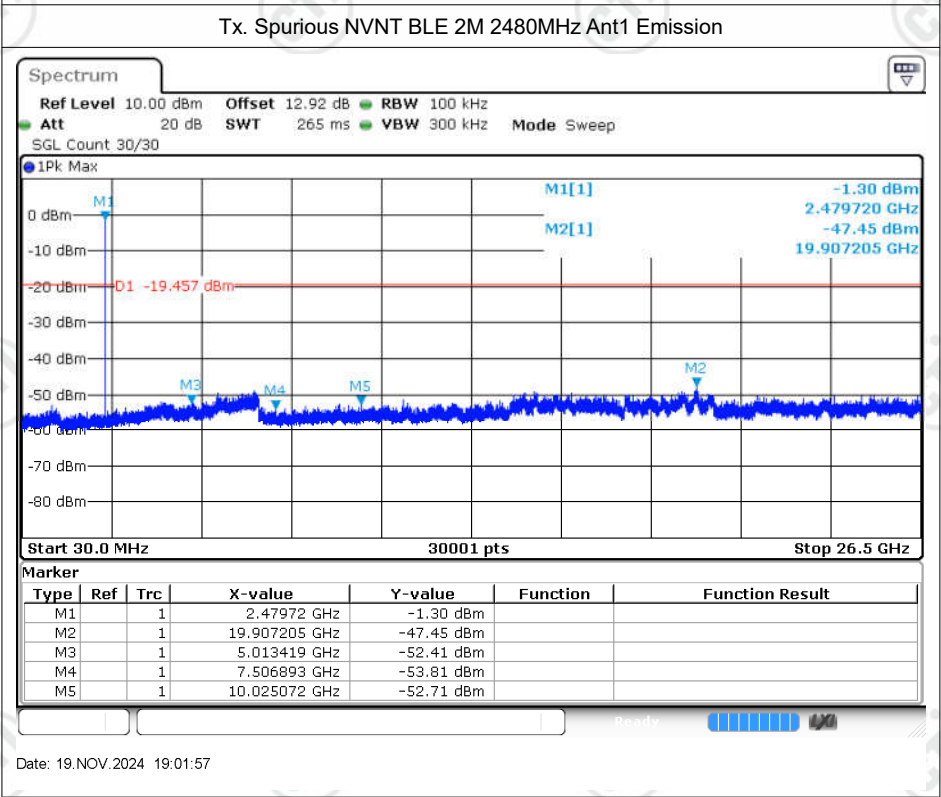
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Date: 19.NOV.2024 19:01:28



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END OF REPORT