

Appendix: Bluetooth LE

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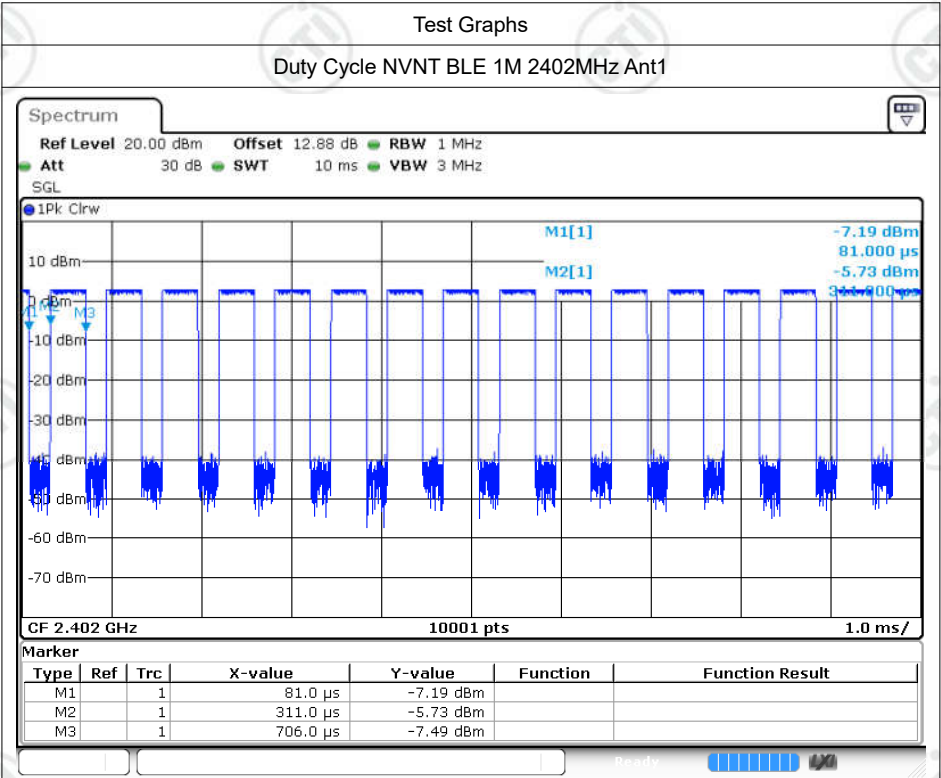
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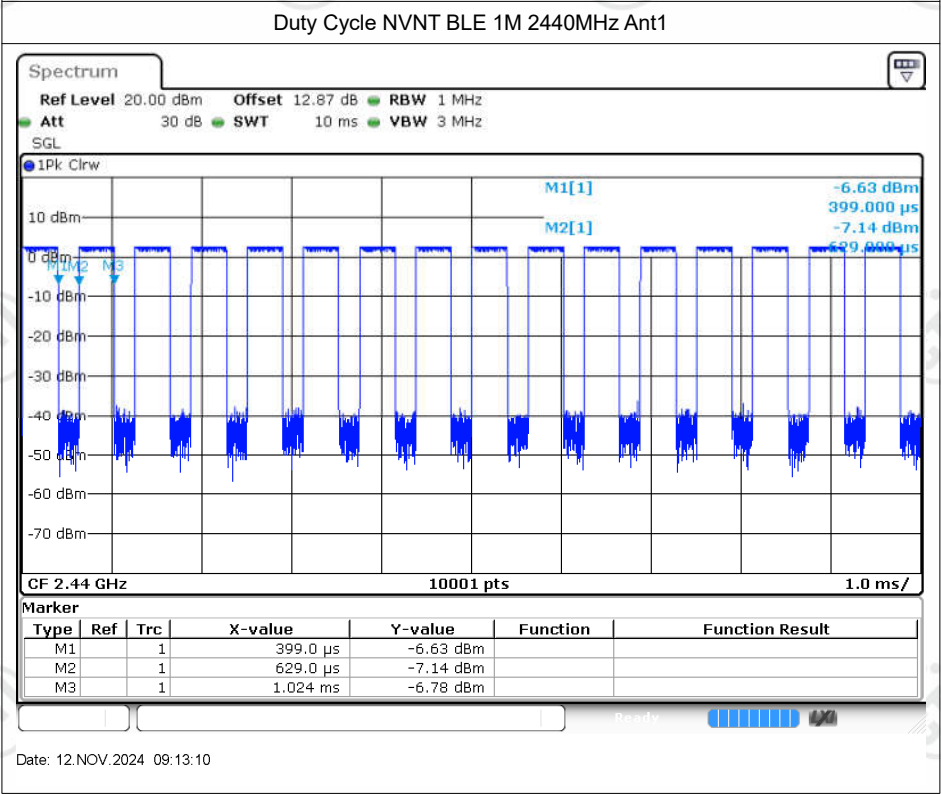
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	63.2	1.99	2.53
NVNT	BLE 1M	2440	Ant1	63.2	1.99	2.53
NVNT	BLE 1M	2480	Ant1	63.2	1.99	2.53
NVNT	BLE 2M	2402	Ant1	33.44	4.76	4.78
NVNT	BLE 2M	2440	Ant1	33.44	4.76	4.78
NVNT	BLE 2M	2480	Ant1	33.6	4.74	4.76

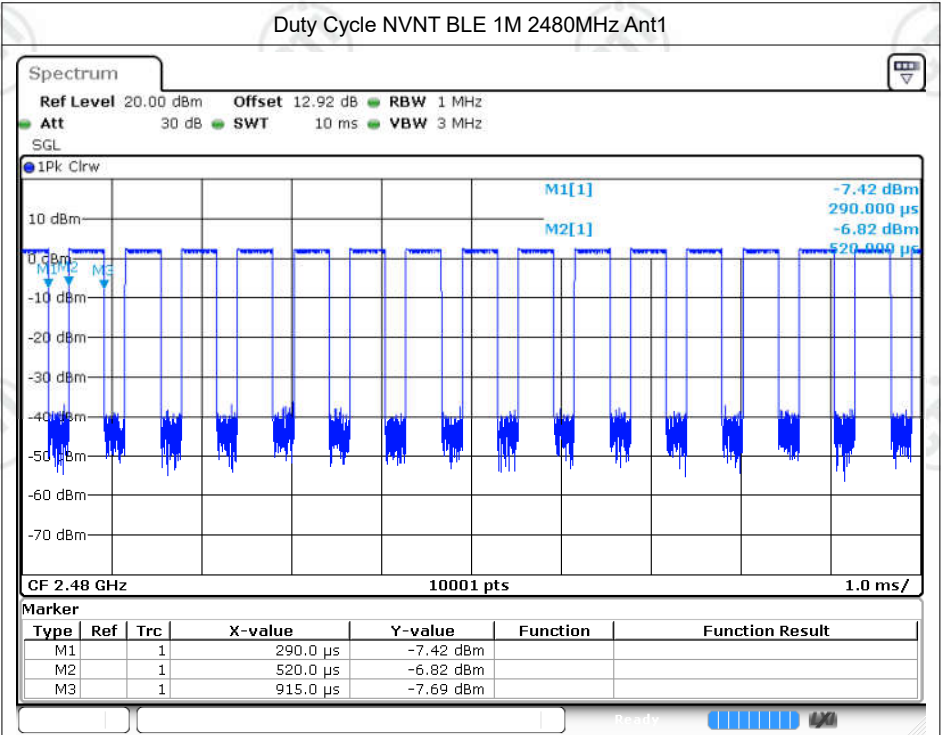
Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);



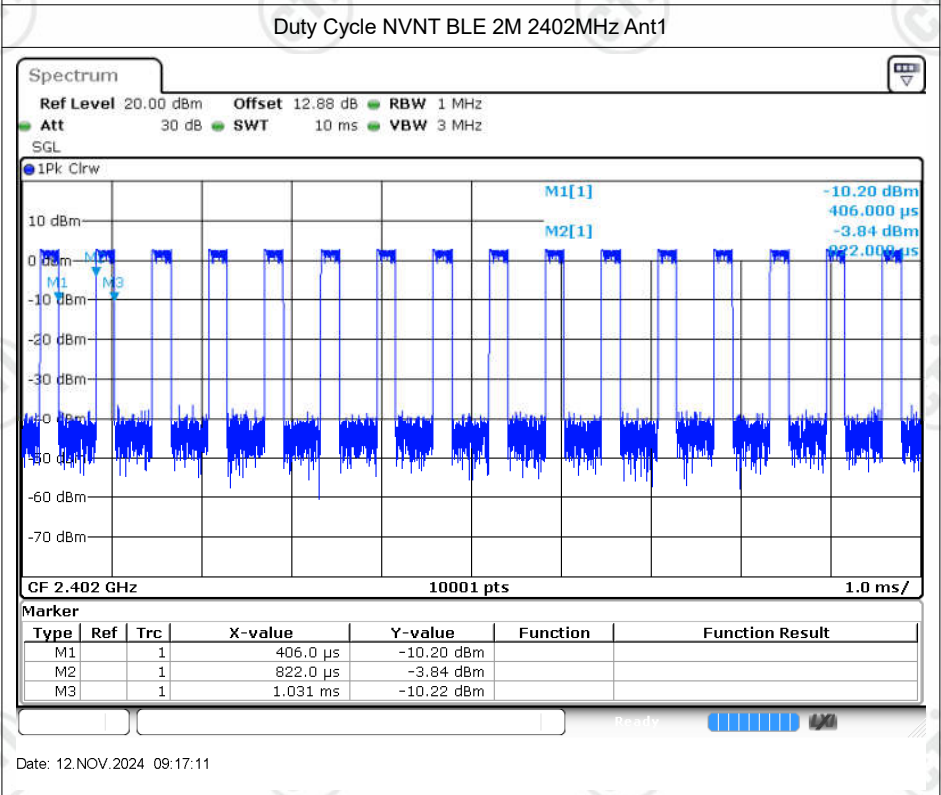
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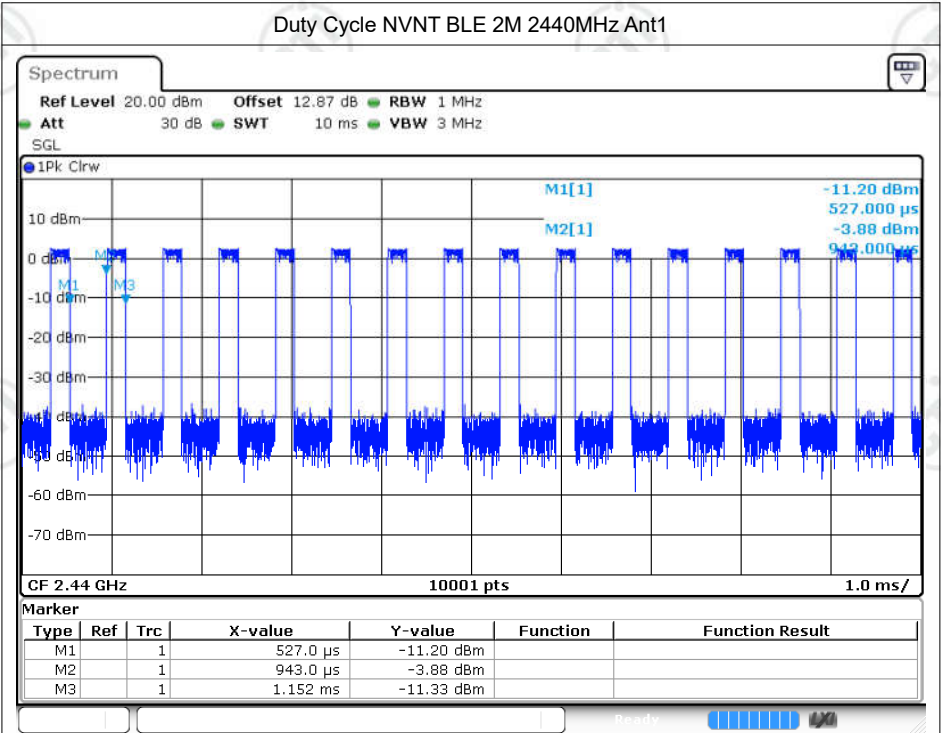
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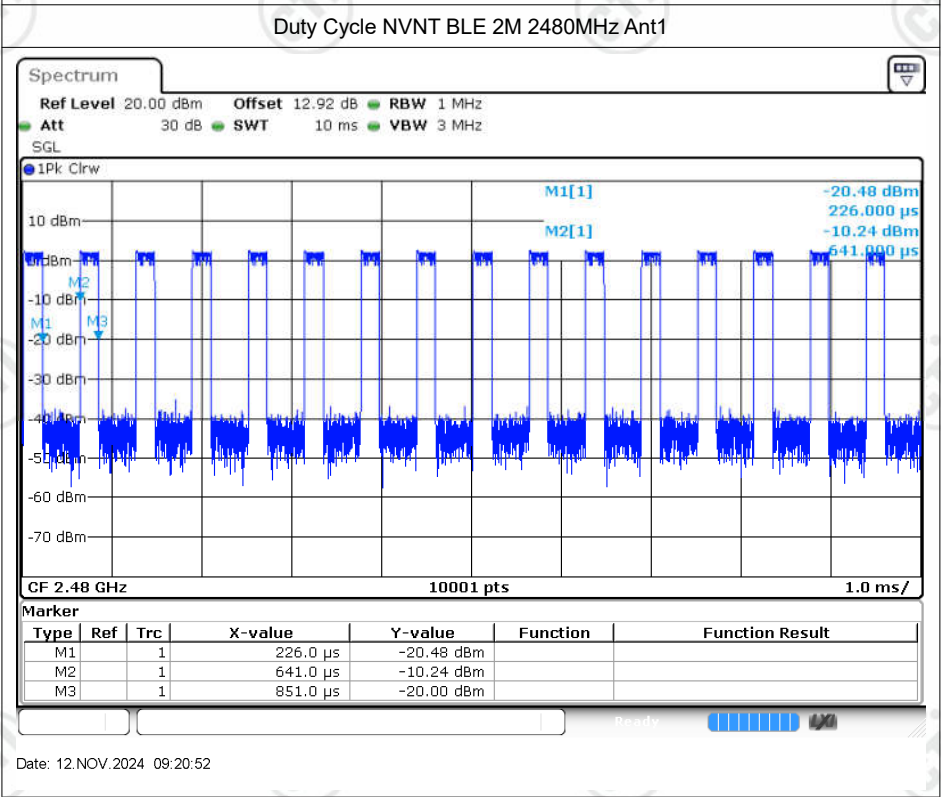
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Date: 12.NOV.2024 09:17:11



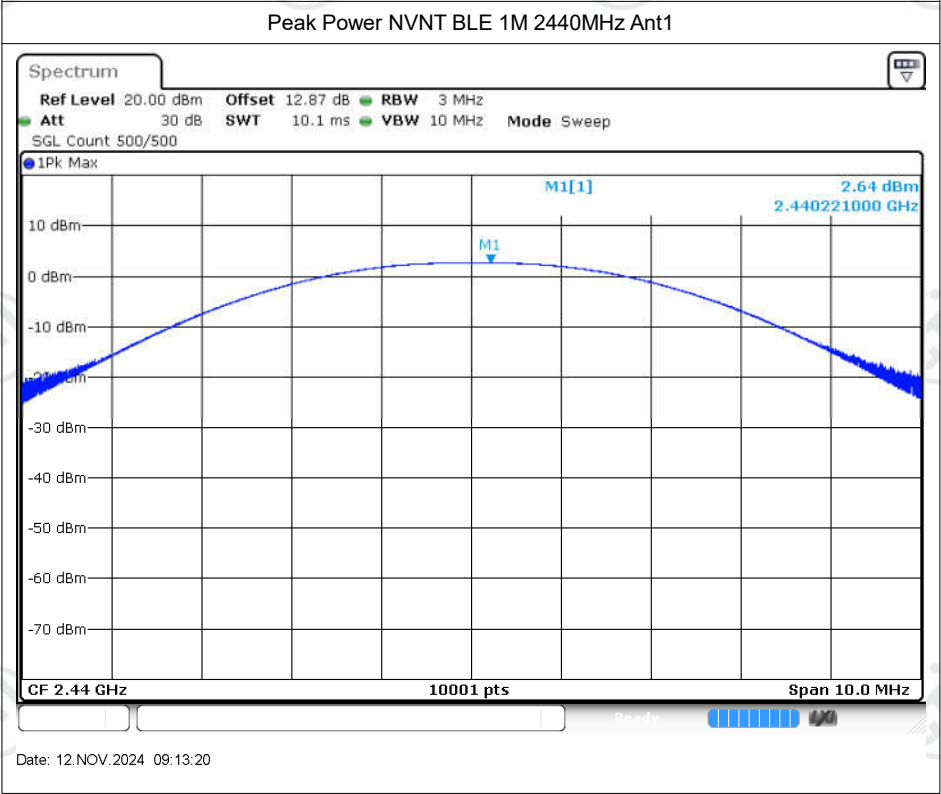
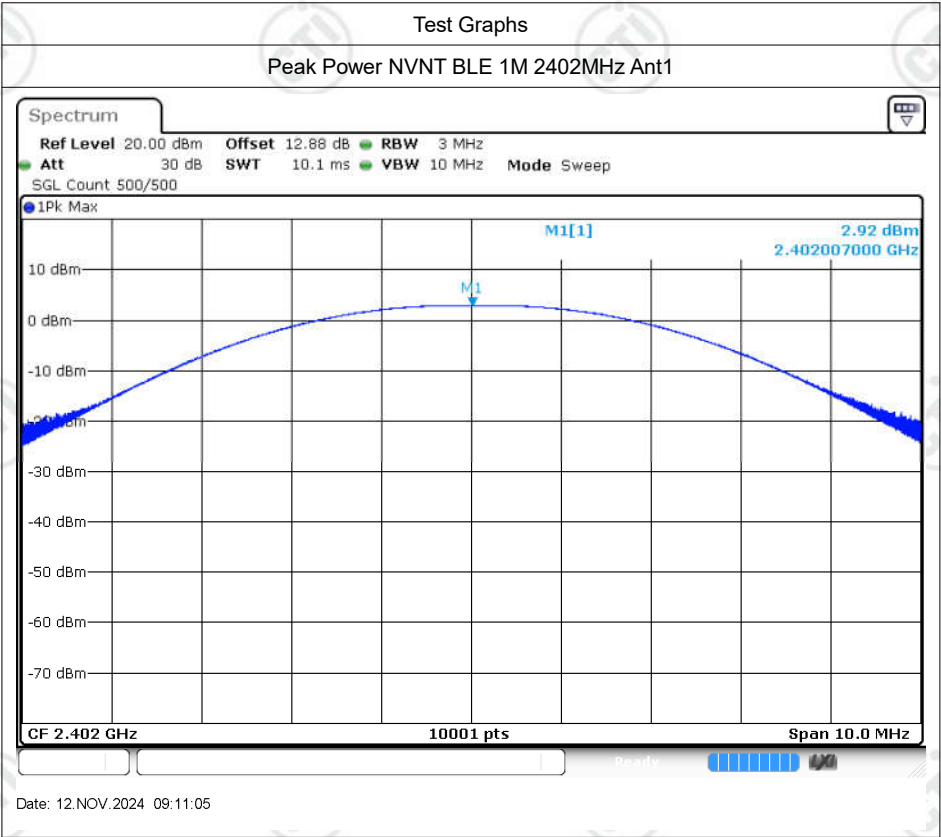
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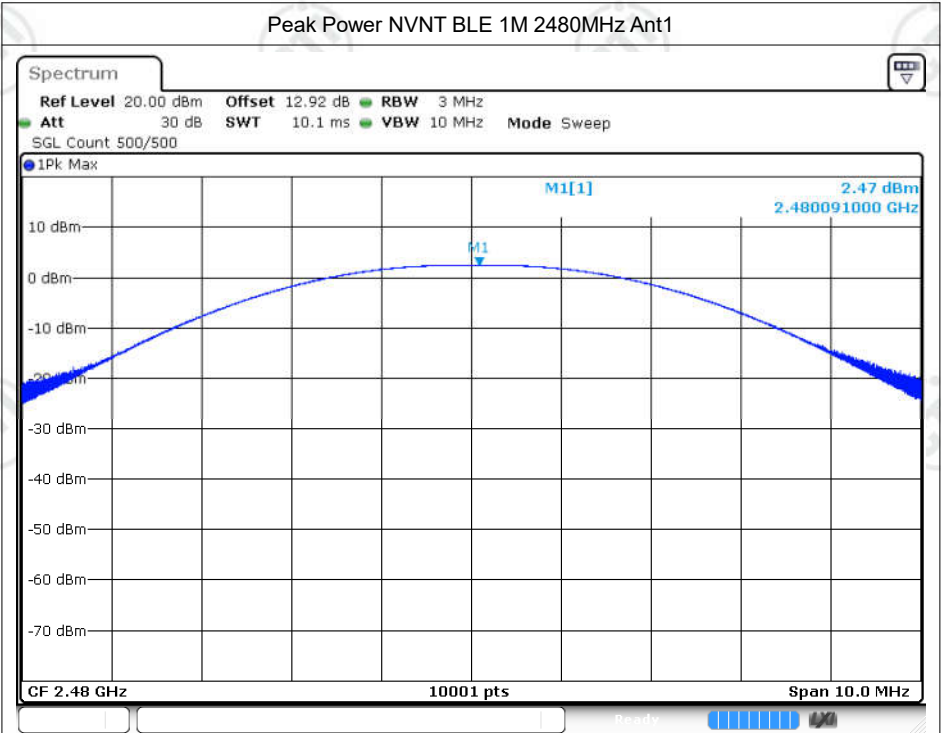


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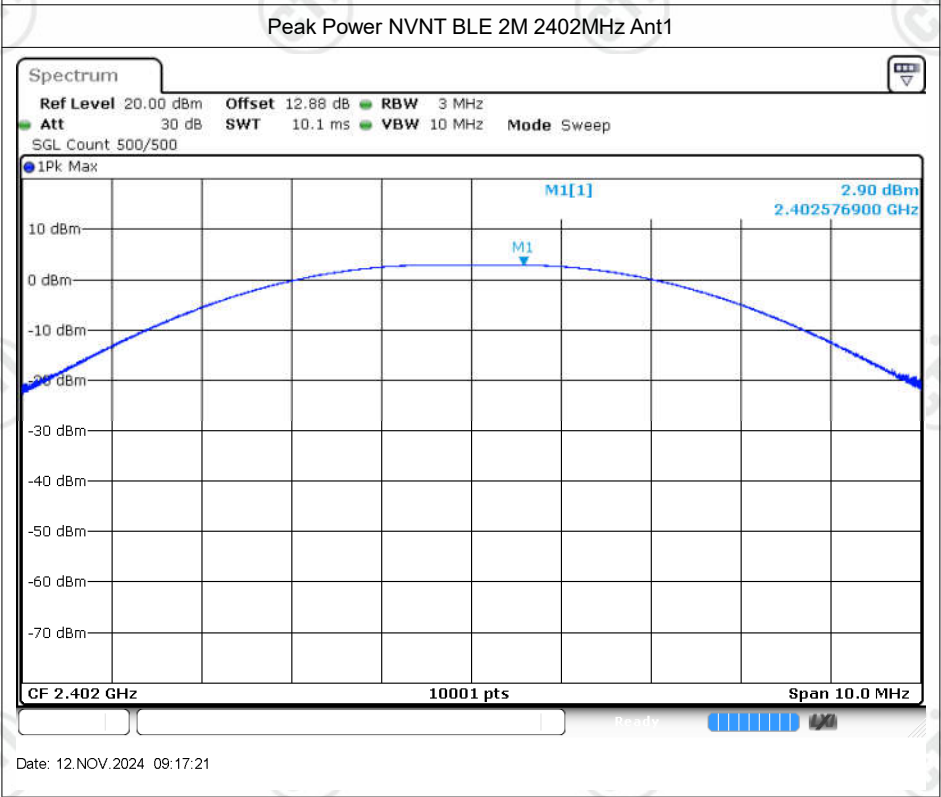
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.92	30	Pass
NVNT	BLE 1M	2440	Ant1	2.64	30	Pass
NVNT	BLE 1M	2480	Ant1	2.47	30	Pass
NVNT	BLE 2M	2402	Ant1	2.90	30	Pass
NVNT	BLE 2M	2440	Ant1	2.61	30	Pass
NVNT	BLE 2M	2480	Ant1	2.45	30	Pass

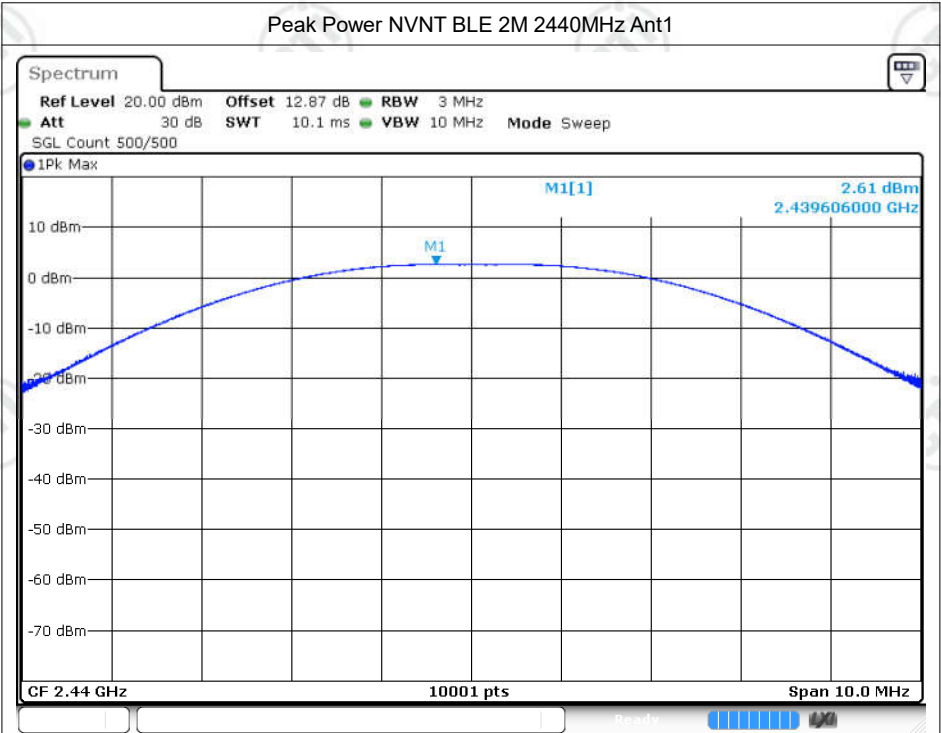




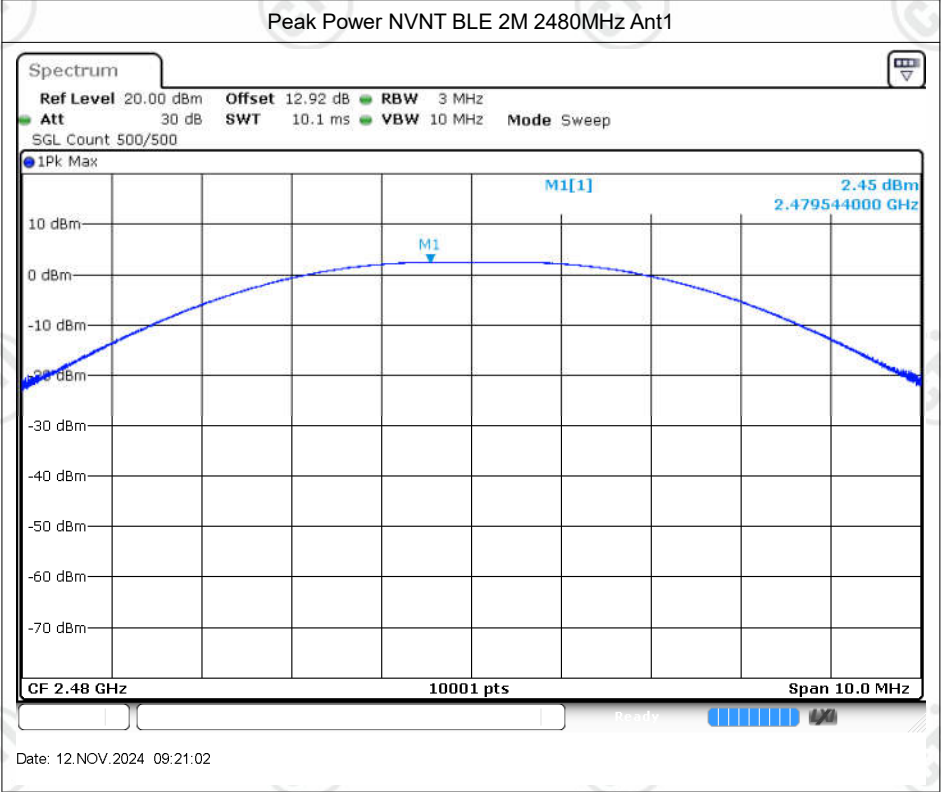
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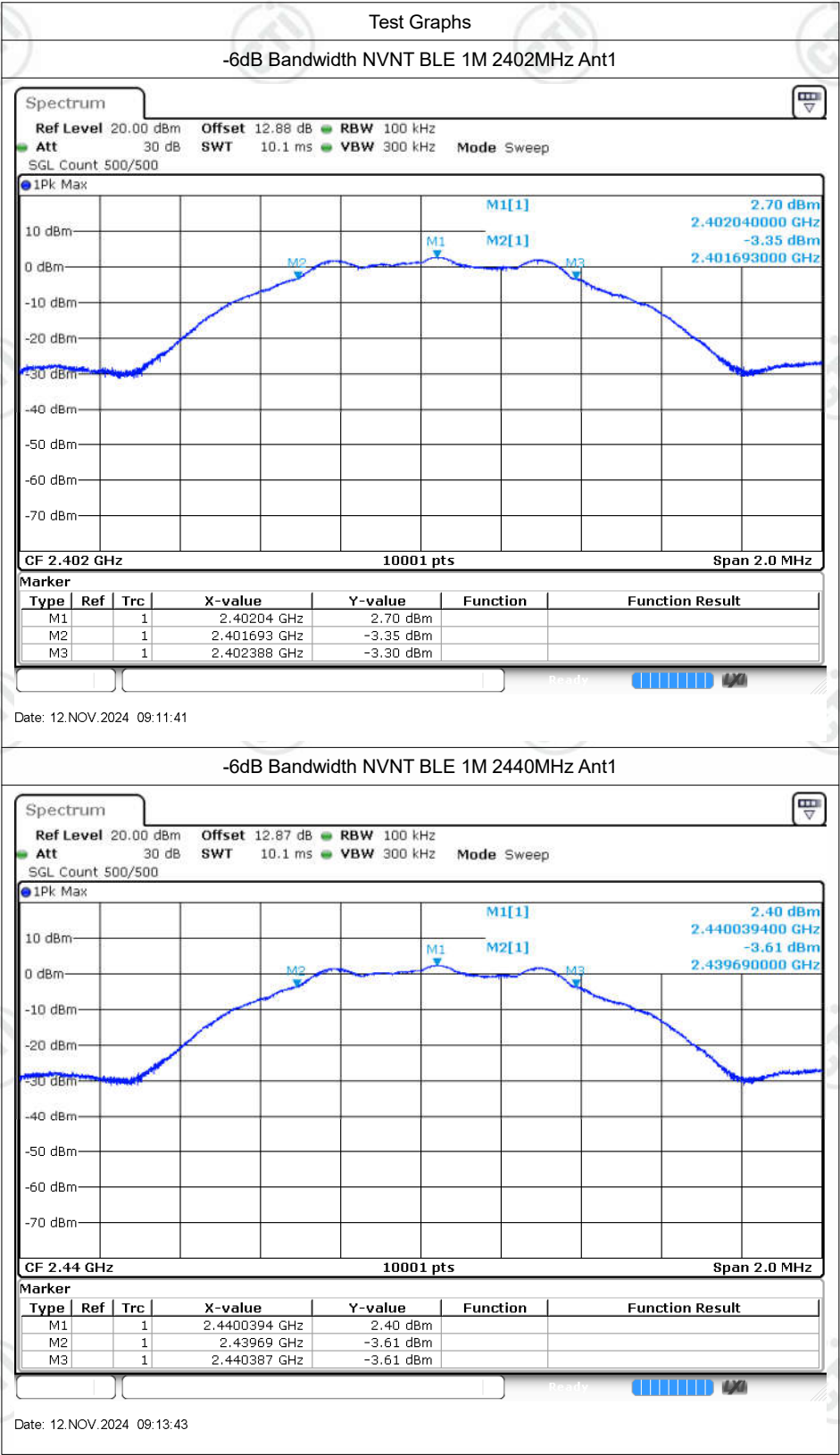
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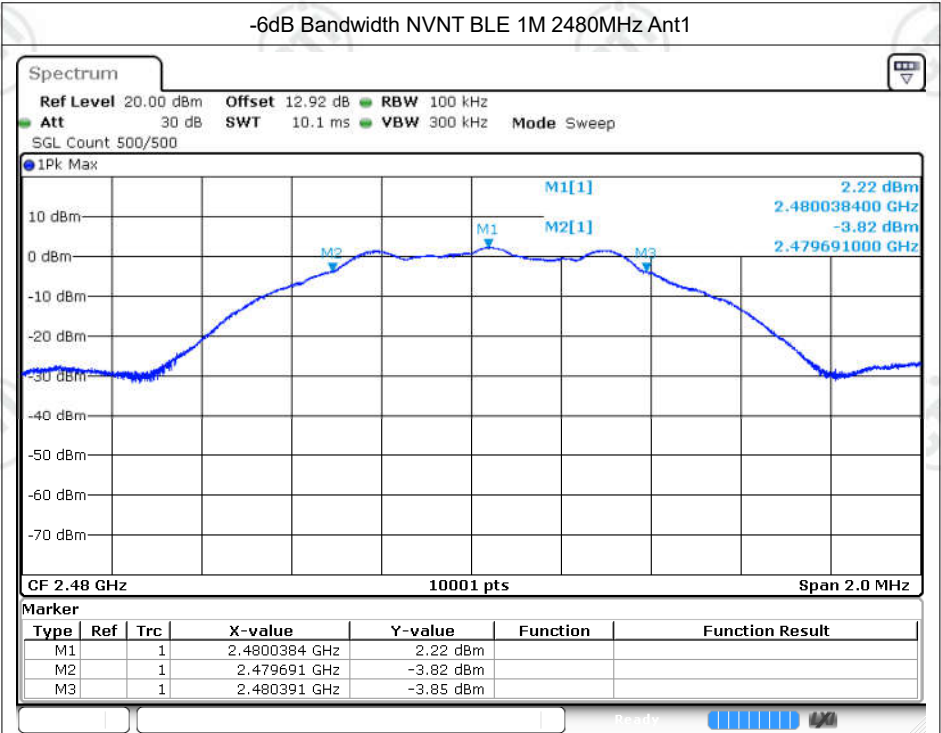


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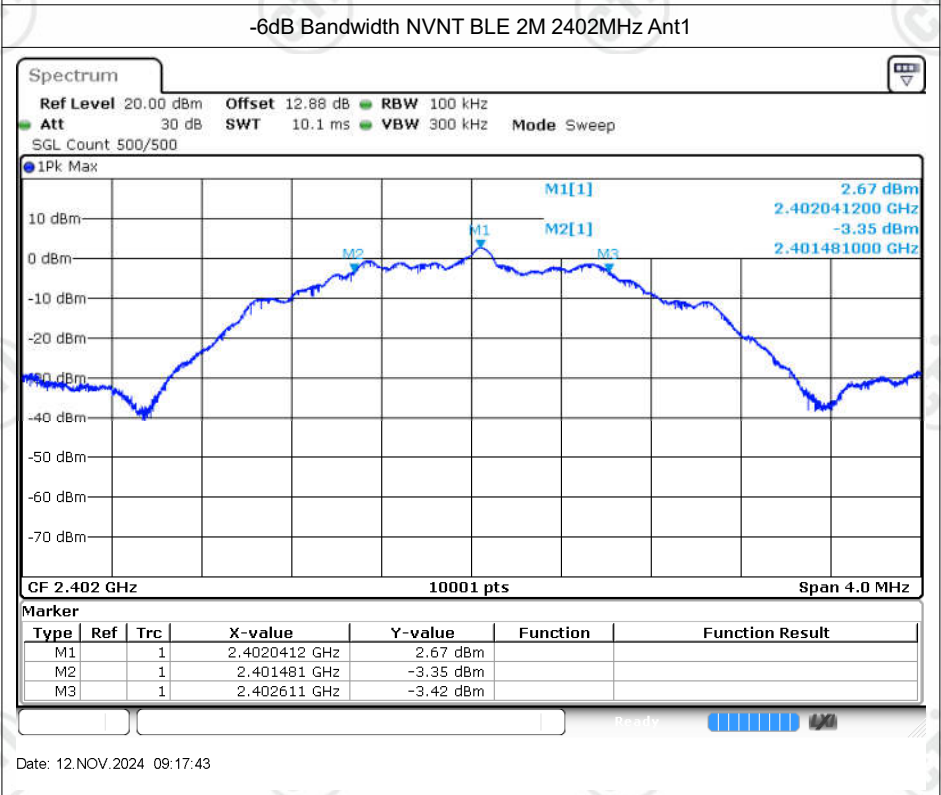
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.695	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.698	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.7	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.13	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.14	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.134	0.5	Pass

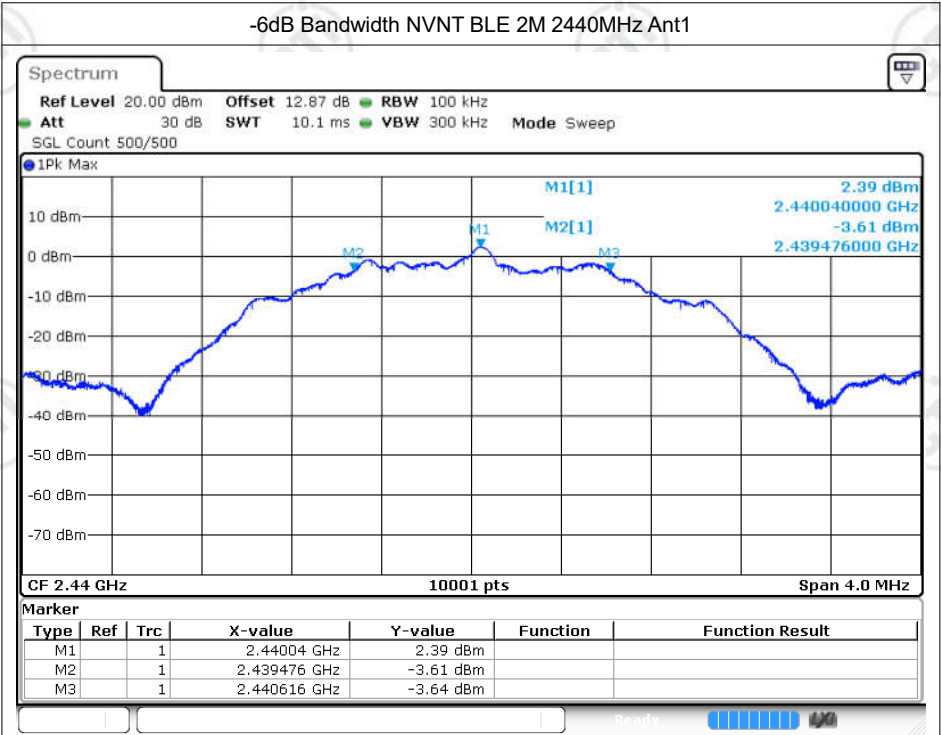




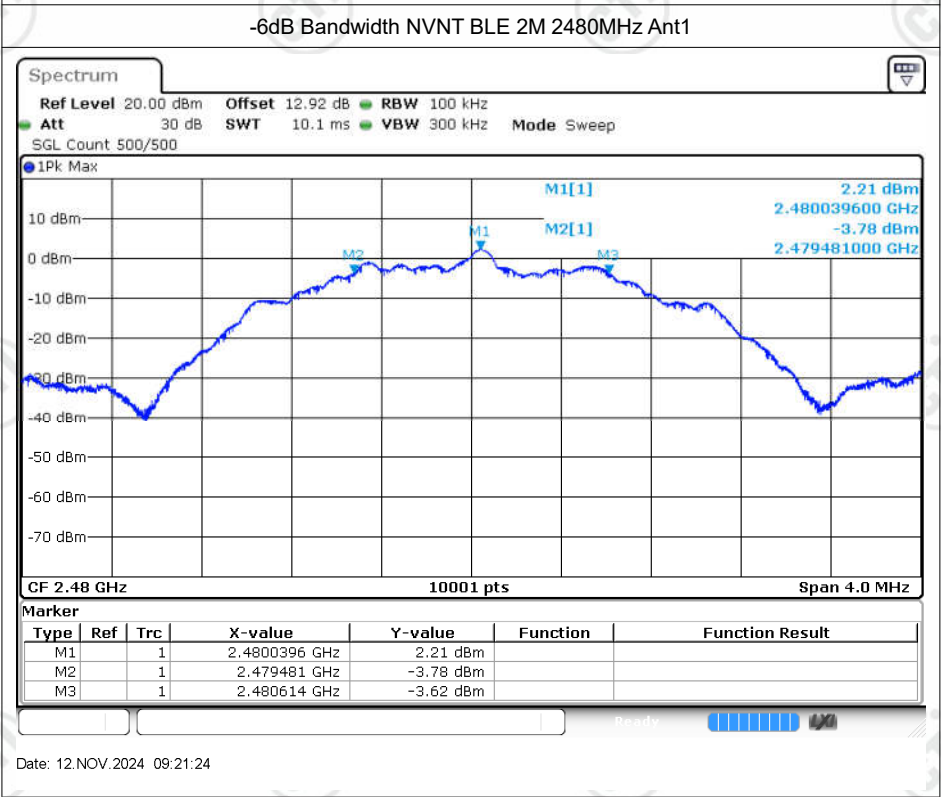
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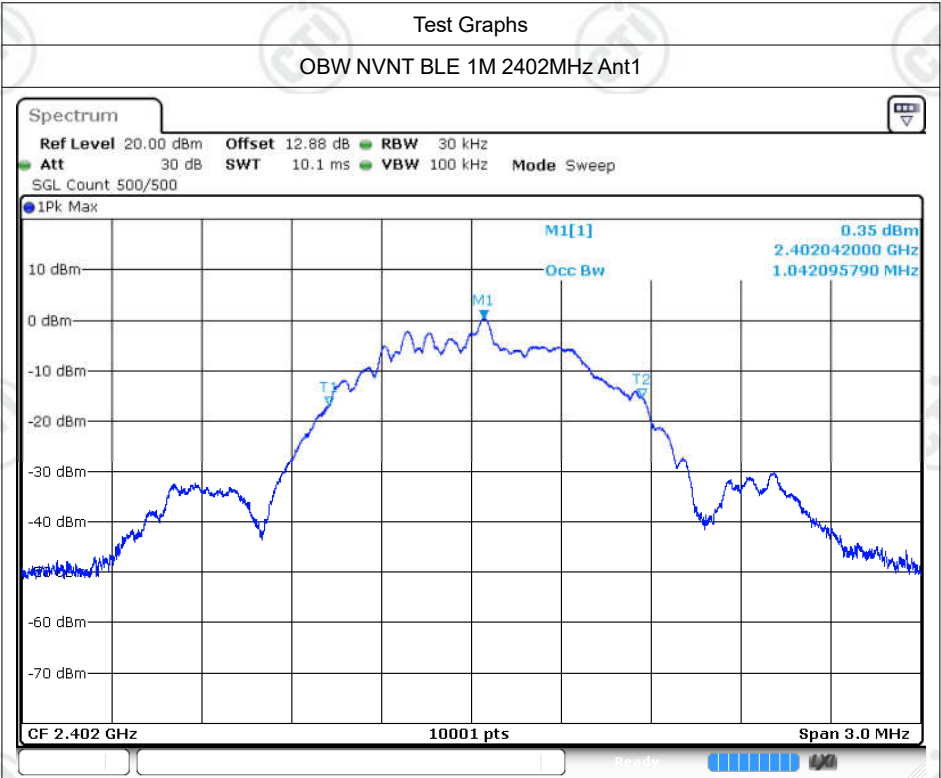
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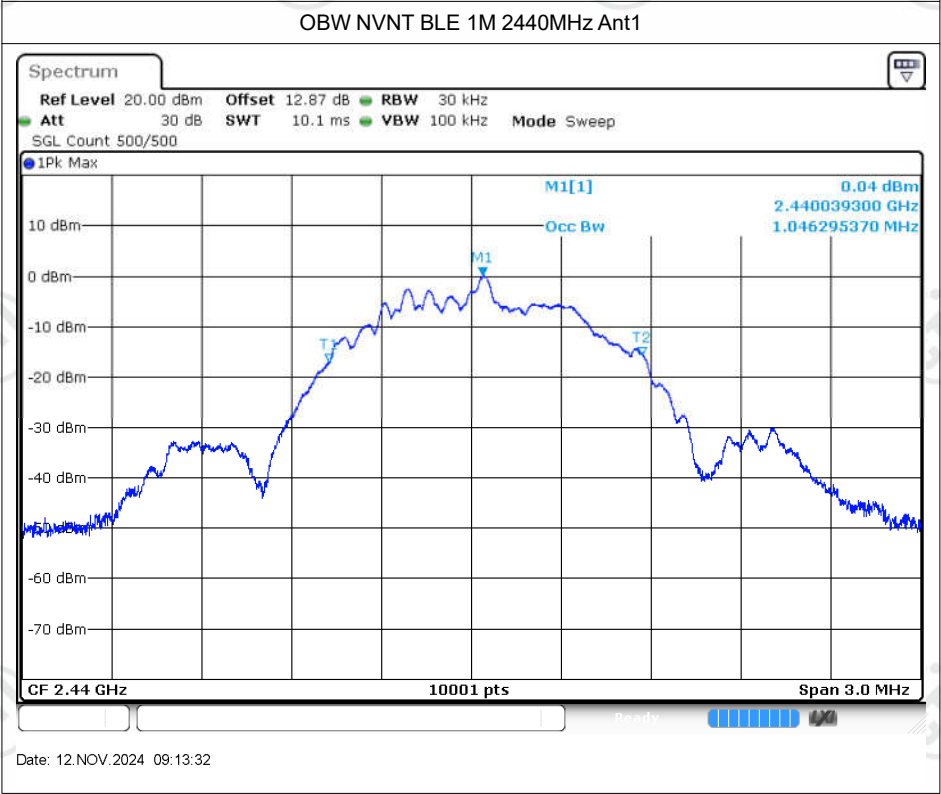
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Occupied Channel Bandwidth

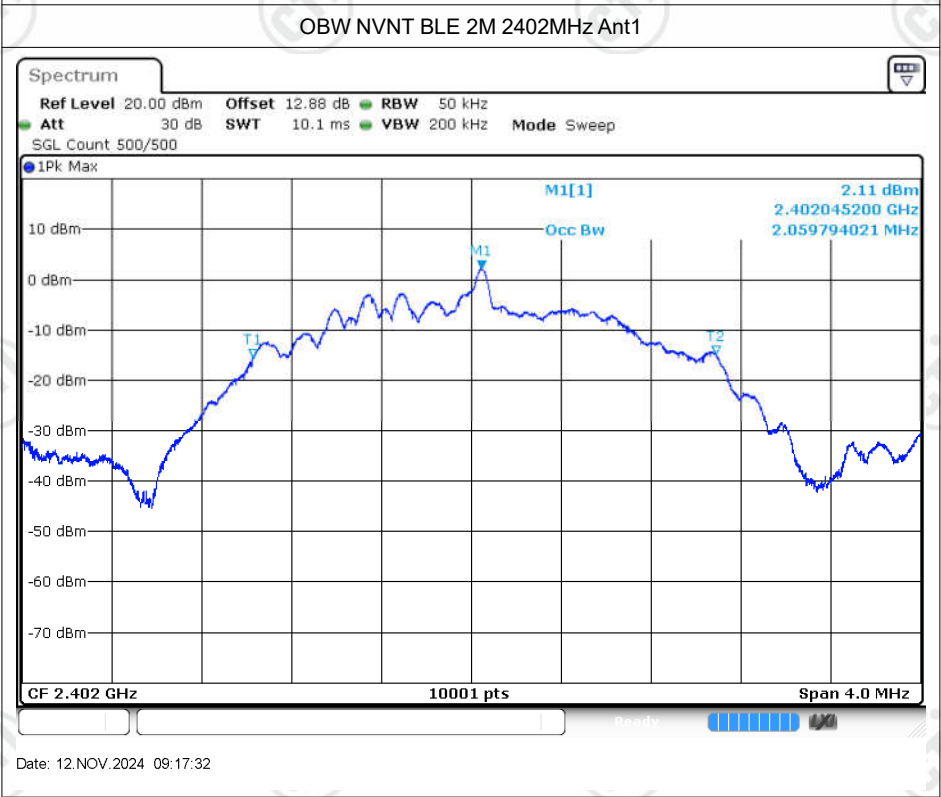
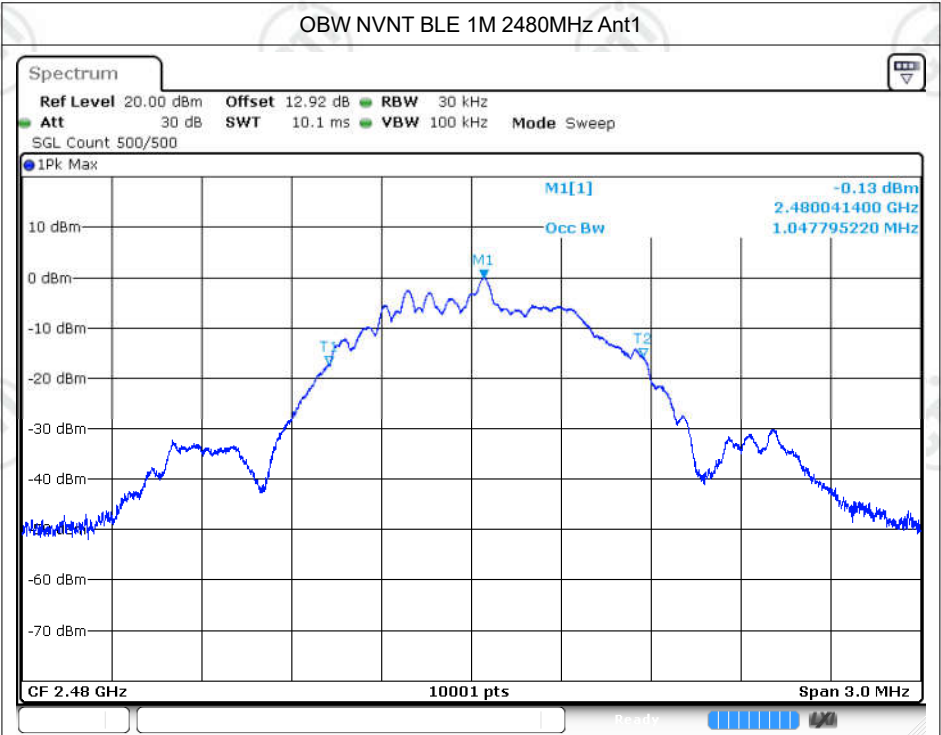
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.042
NVNT	BLE 1M	2440	Ant1	1.046
NVNT	BLE 1M	2480	Ant1	1.048
NVNT	BLE 2M	2402	Ant1	2.06
NVNT	BLE 2M	2440	Ant1	2.066
NVNT	BLE 2M	2480	Ant1	2.066

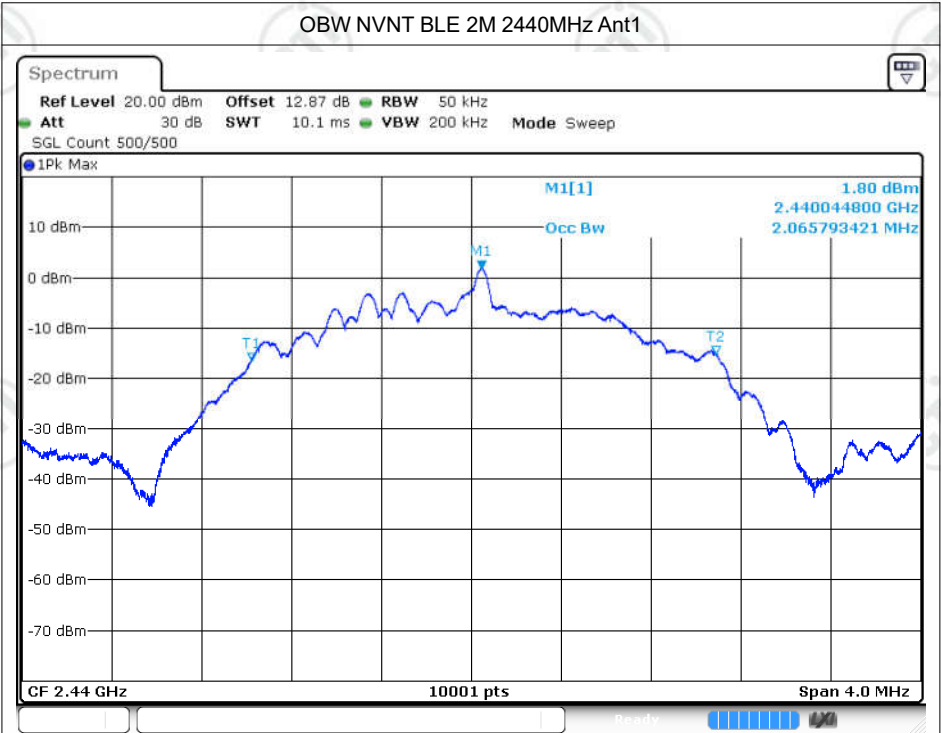


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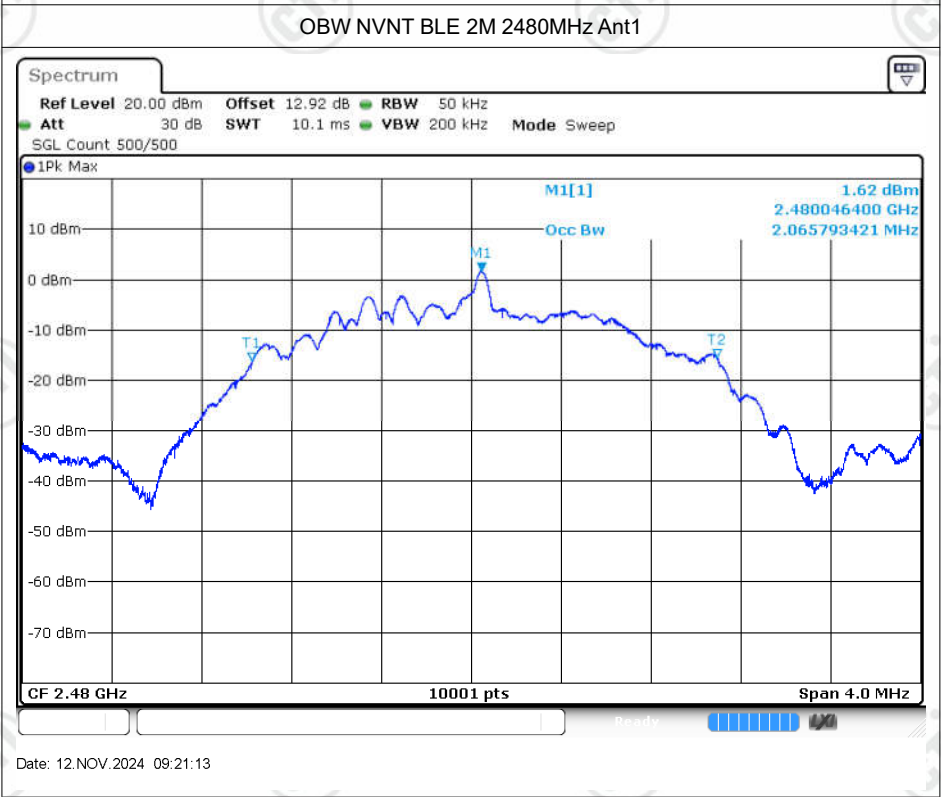


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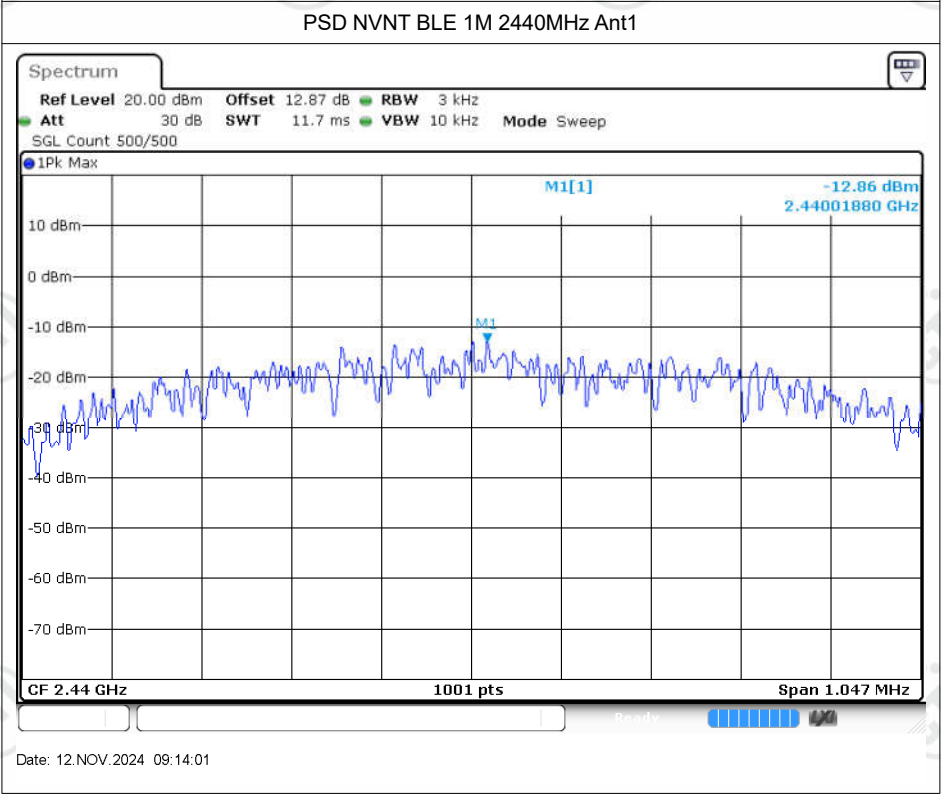
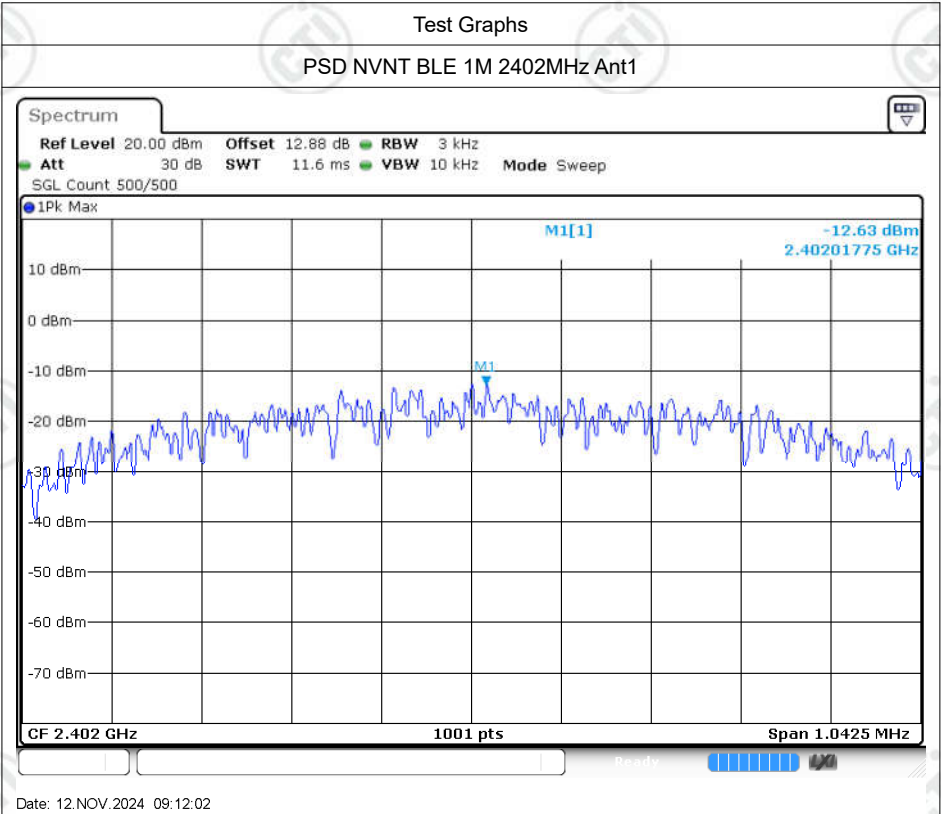
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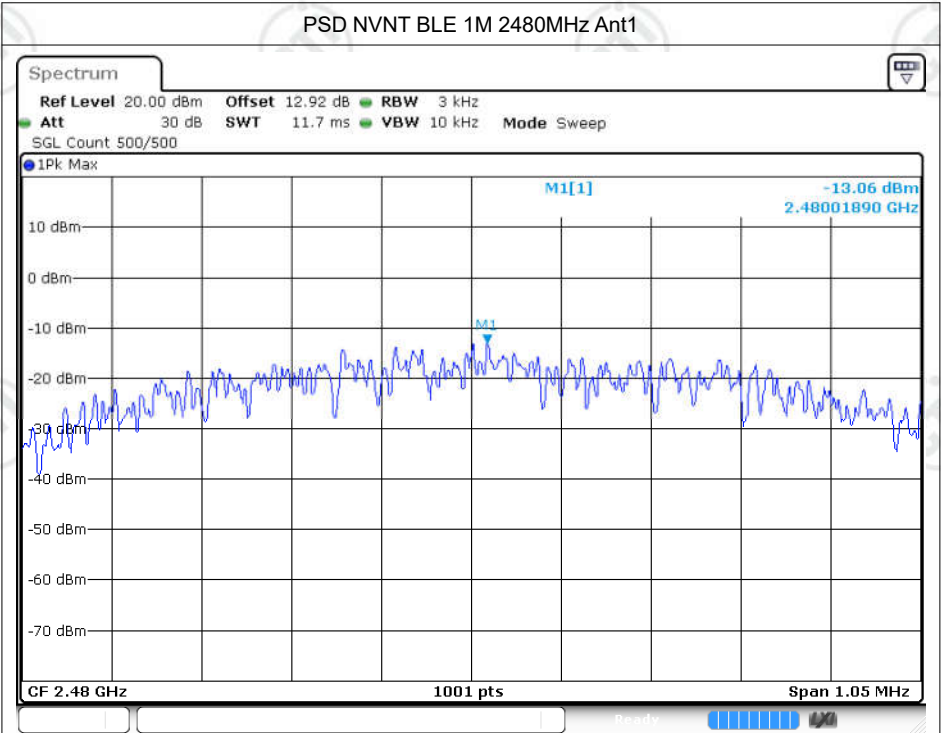


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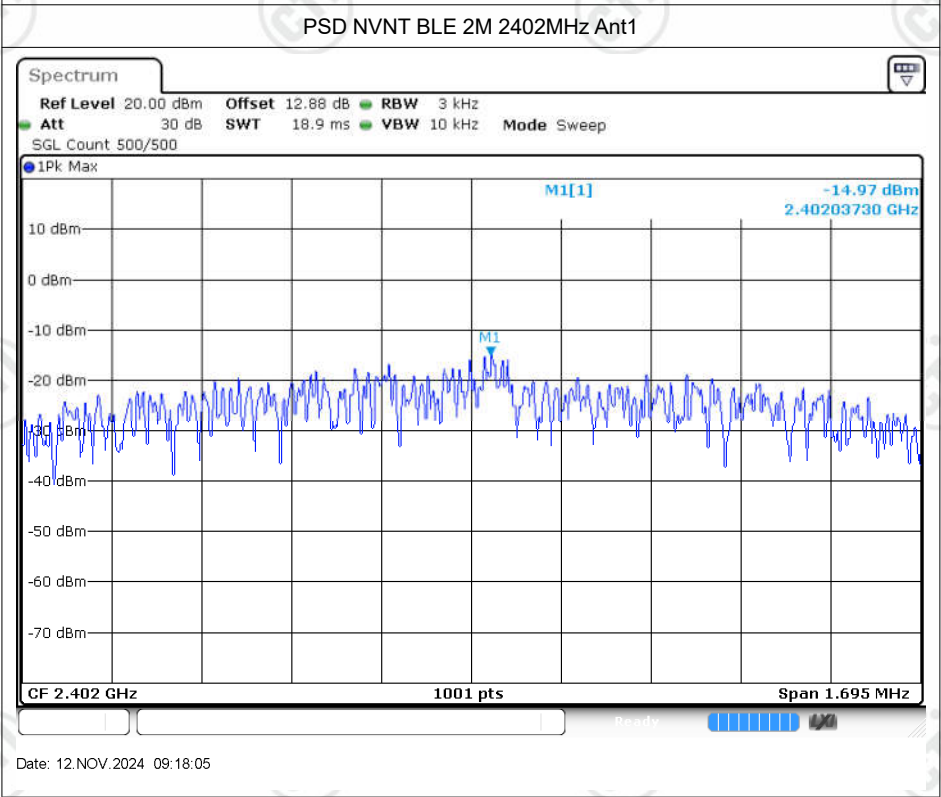
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.63	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.86	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.06	8	Pass
NVNT	BLE 2M	2402	Ant1	-14.97	8	Pass
NVNT	BLE 2M	2440	Ant1	-15.32	8	Pass
NVNT	BLE 2M	2480	Ant1	-15.42	8	Pass

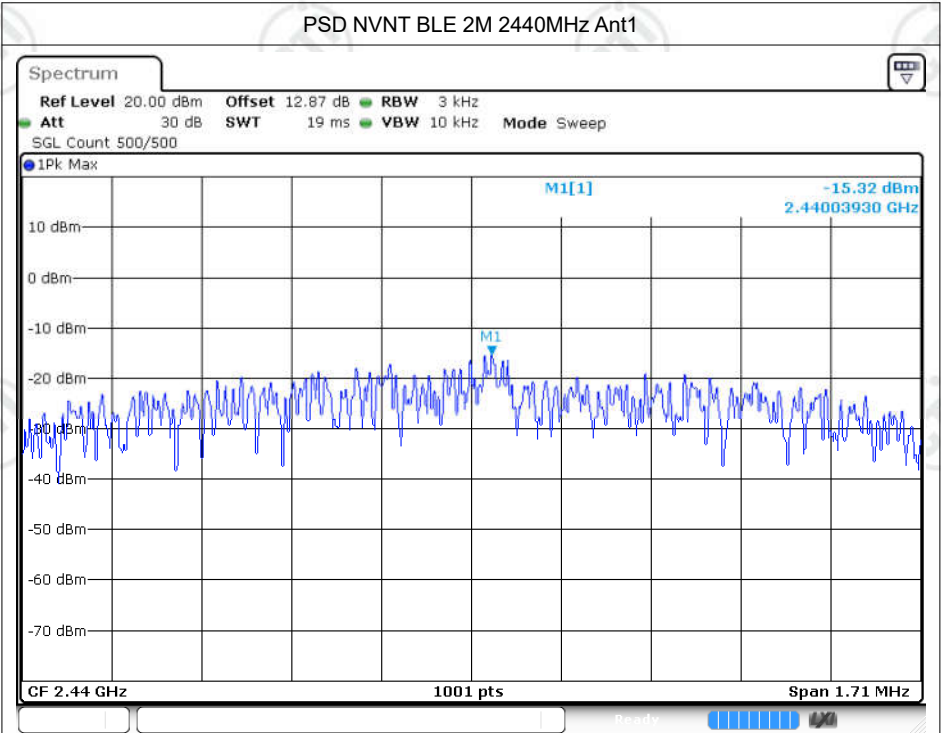




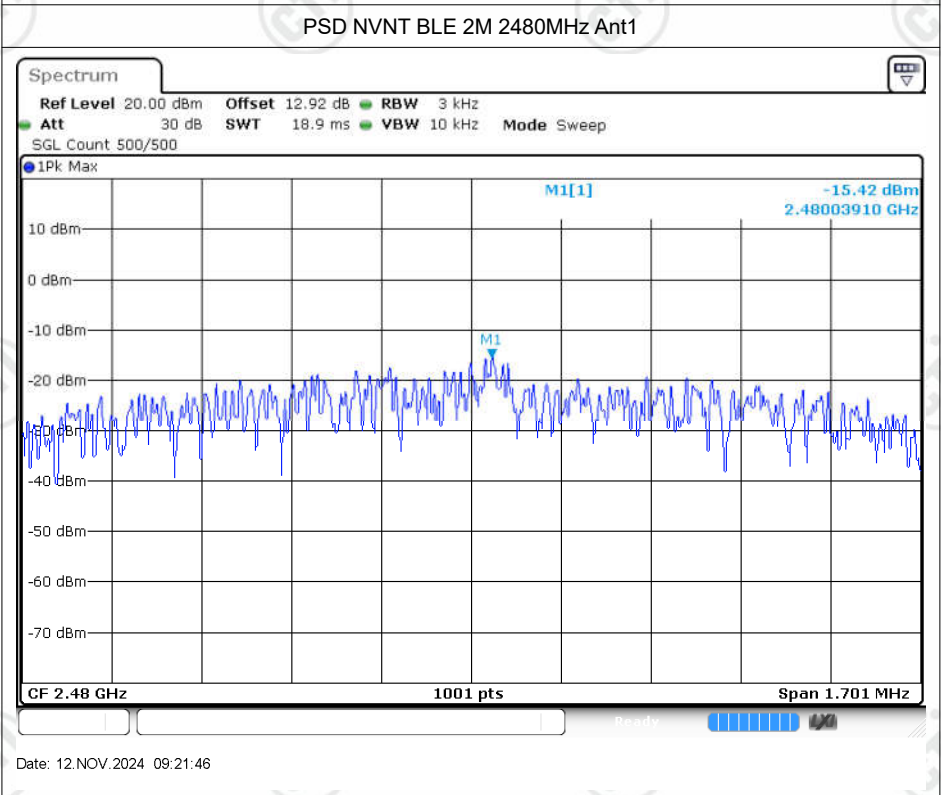
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Date: 12.NOV.2024 09:18:05



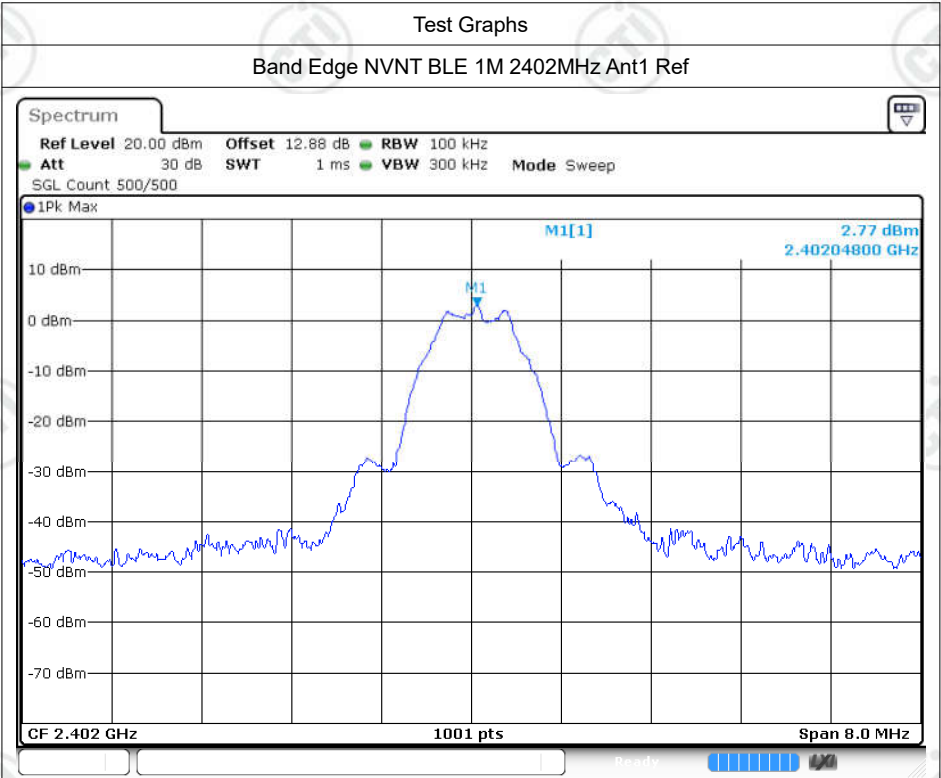
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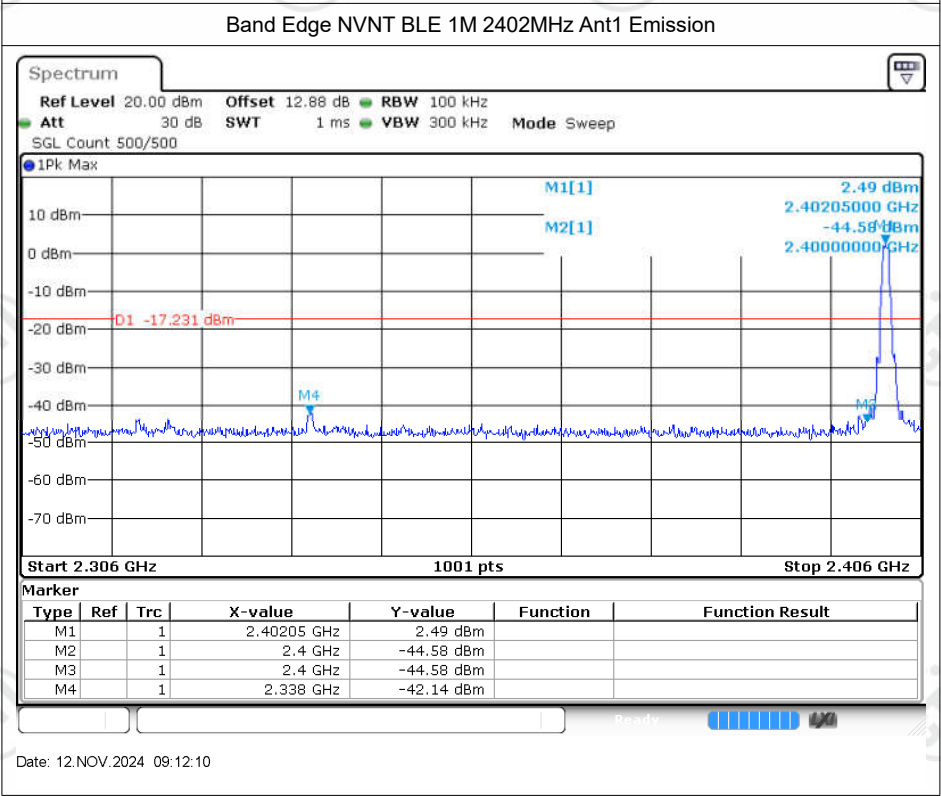
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Band Edge

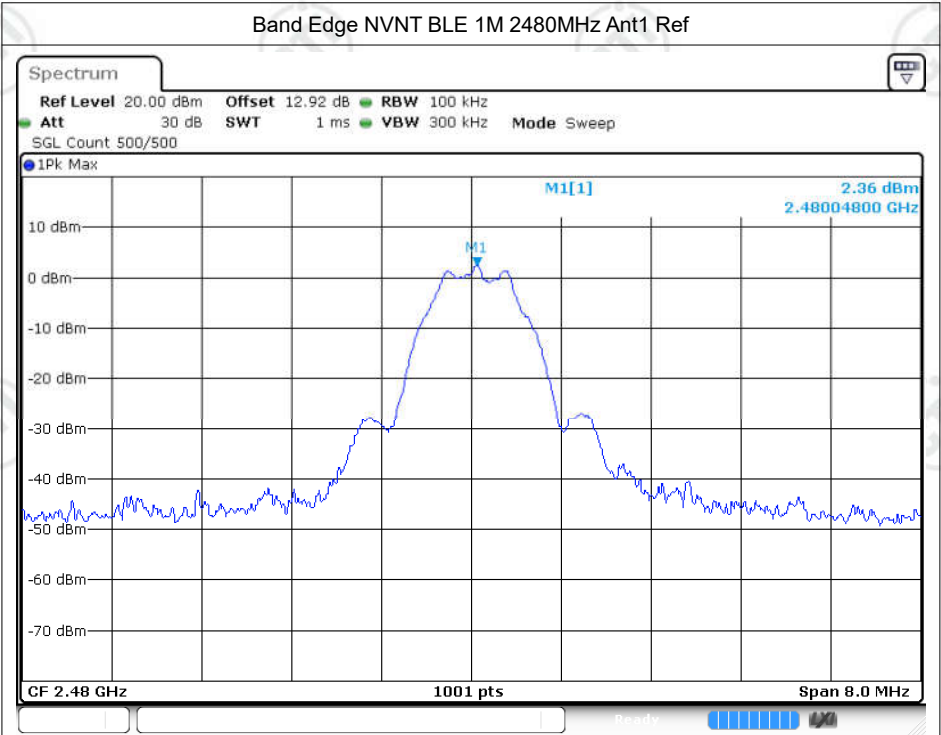
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.9	-20	Pass
NVNT	BLE 1M	2480	Ant1	-47.81	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.75	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.18	-20	Pass



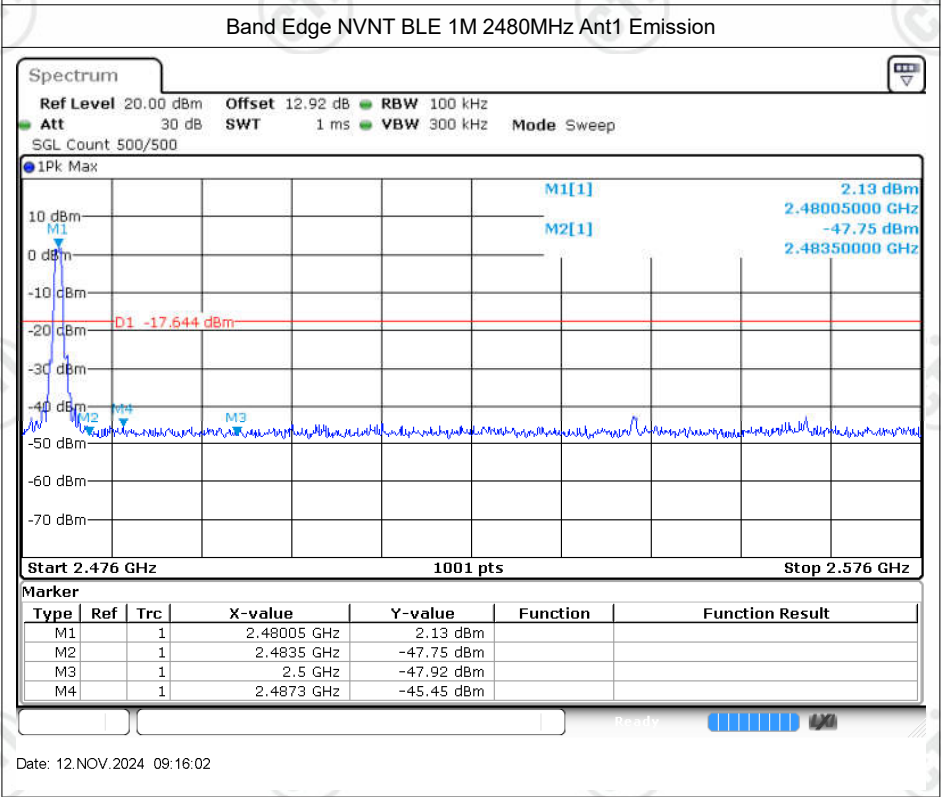
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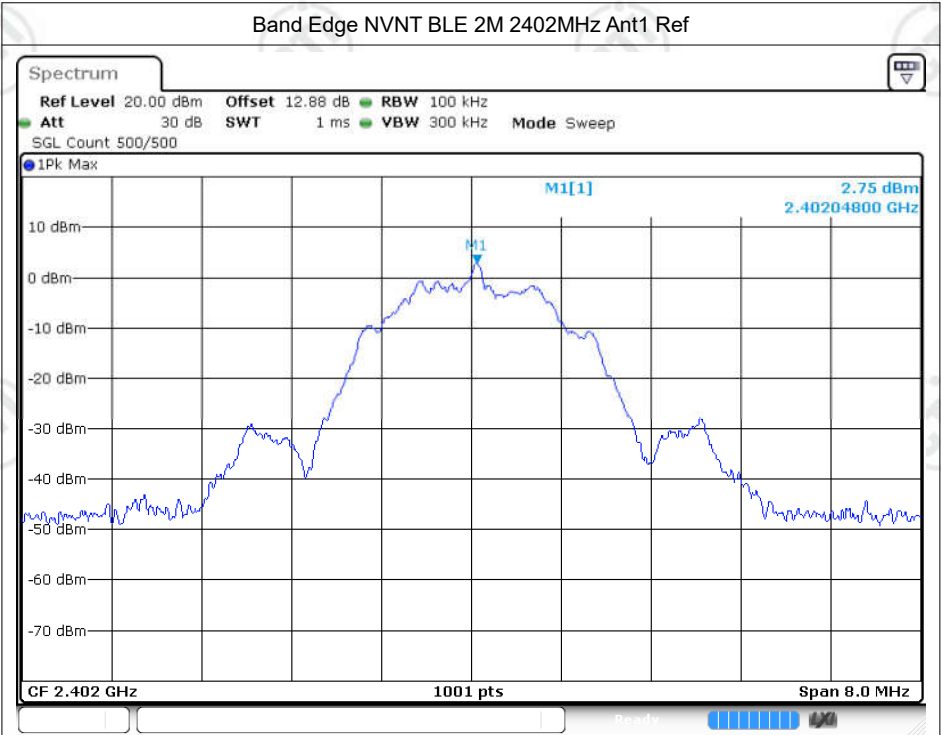
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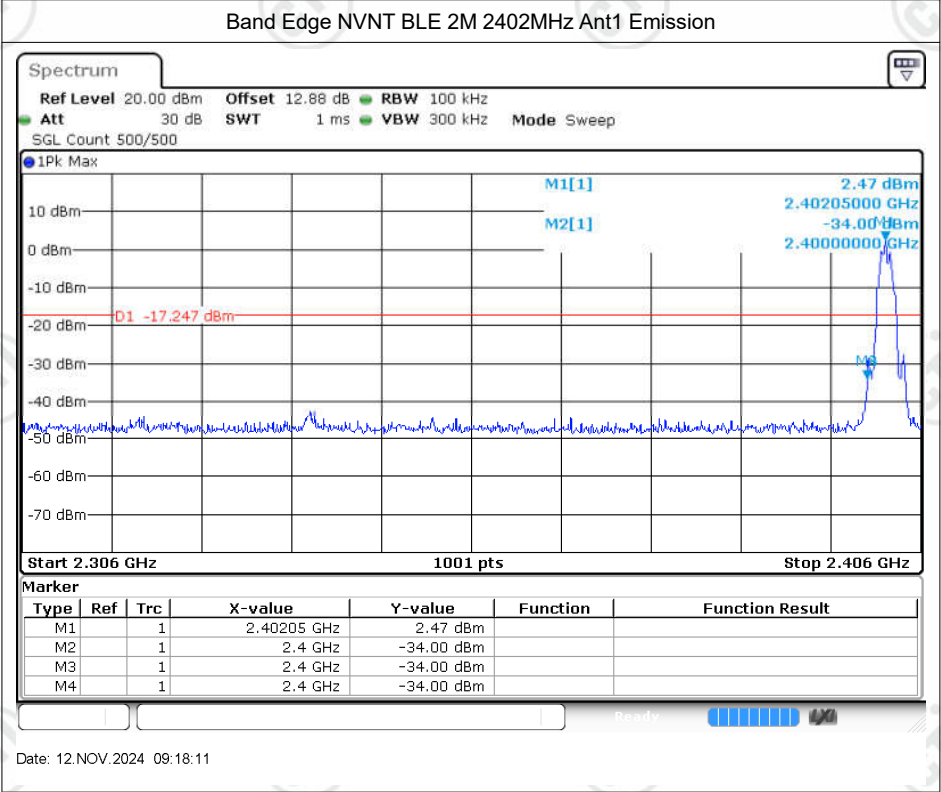
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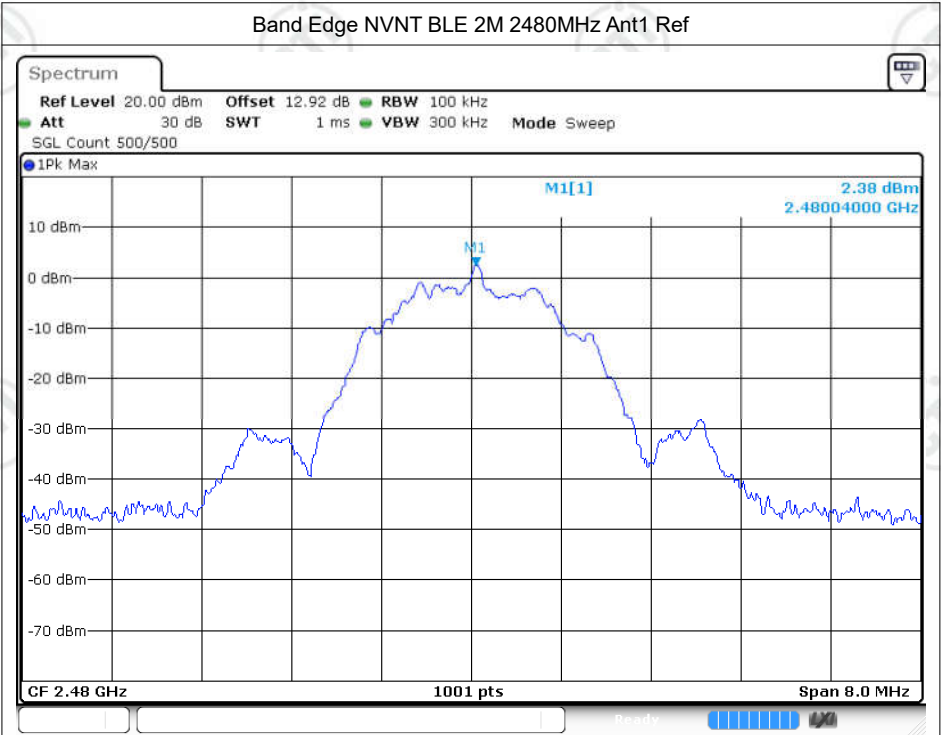
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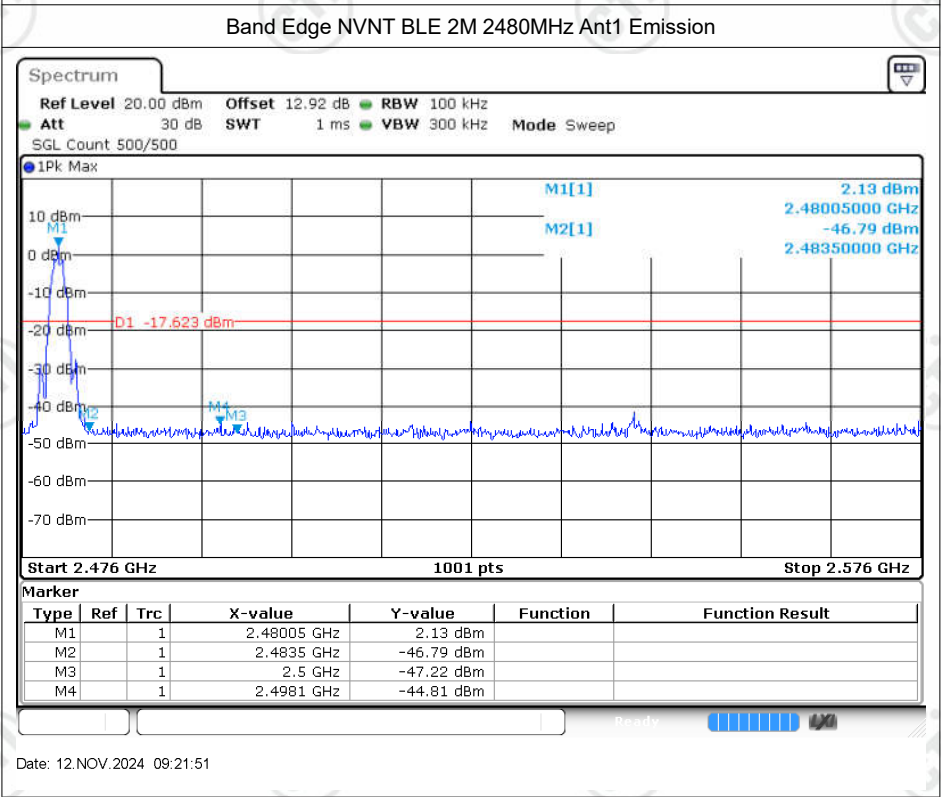
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Date: 12.NOV.2024 09:18:11



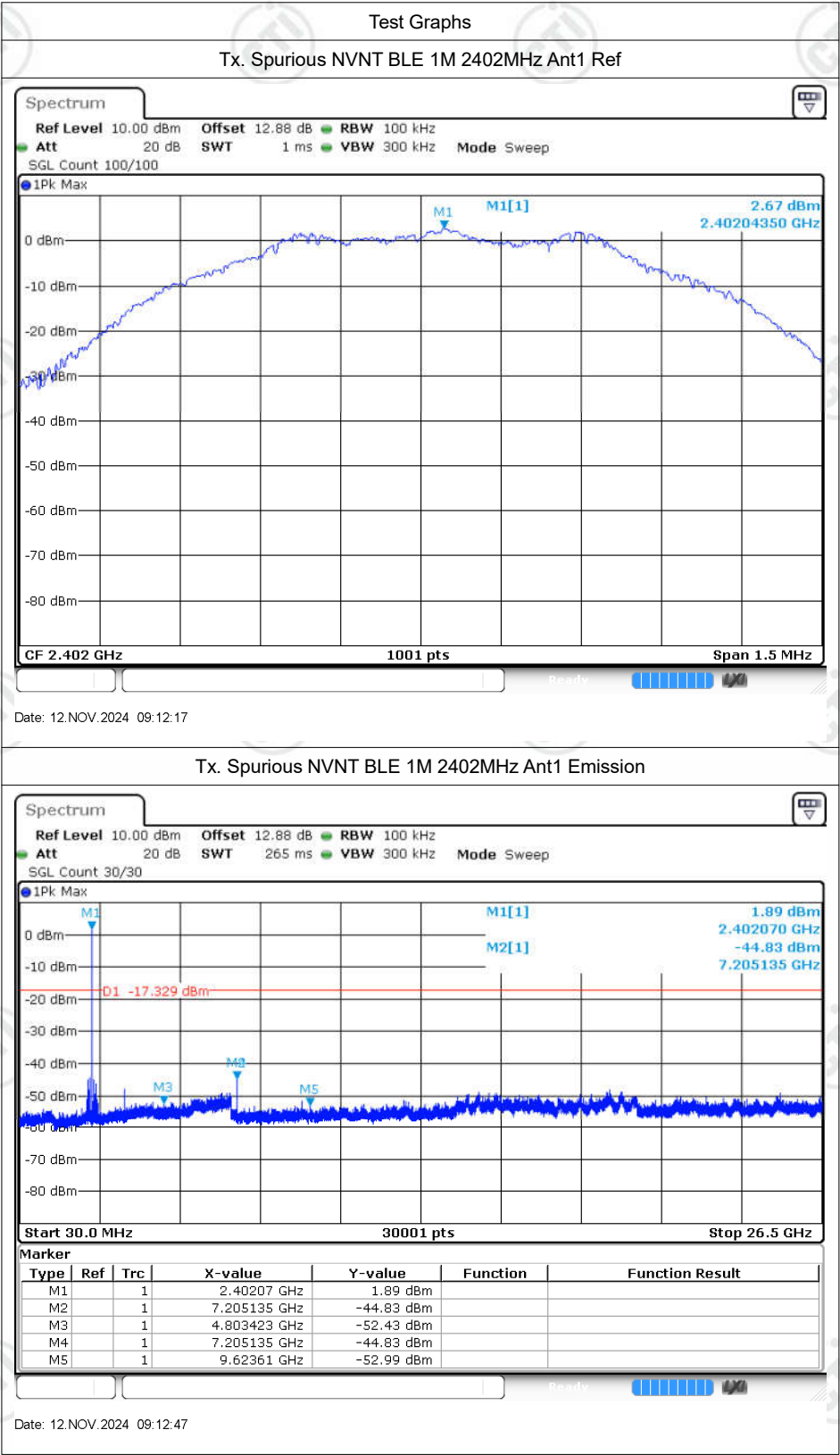
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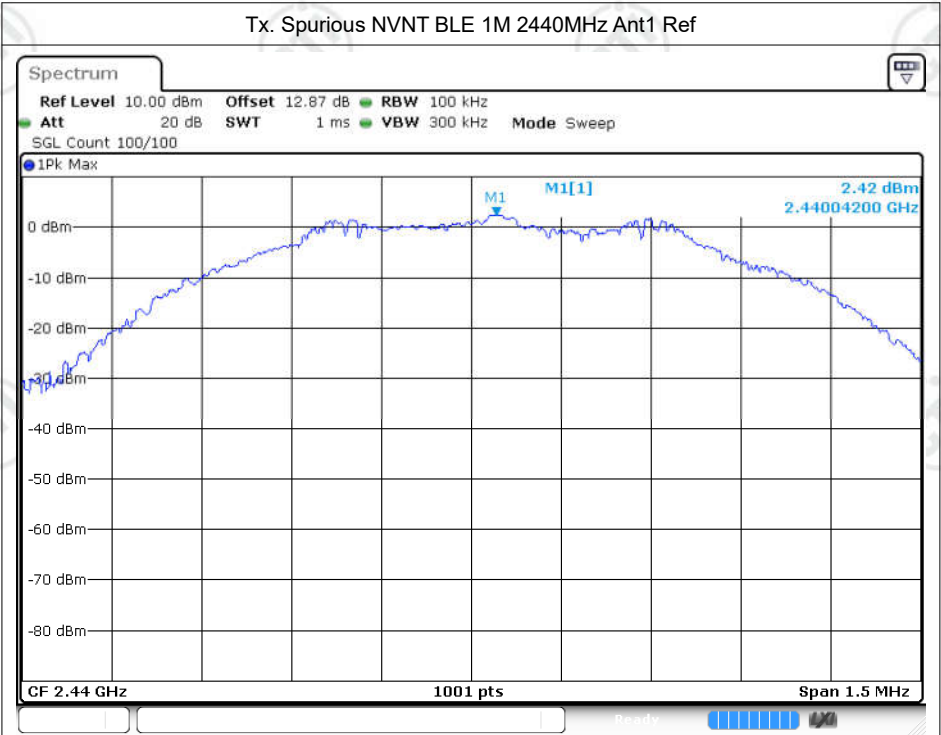


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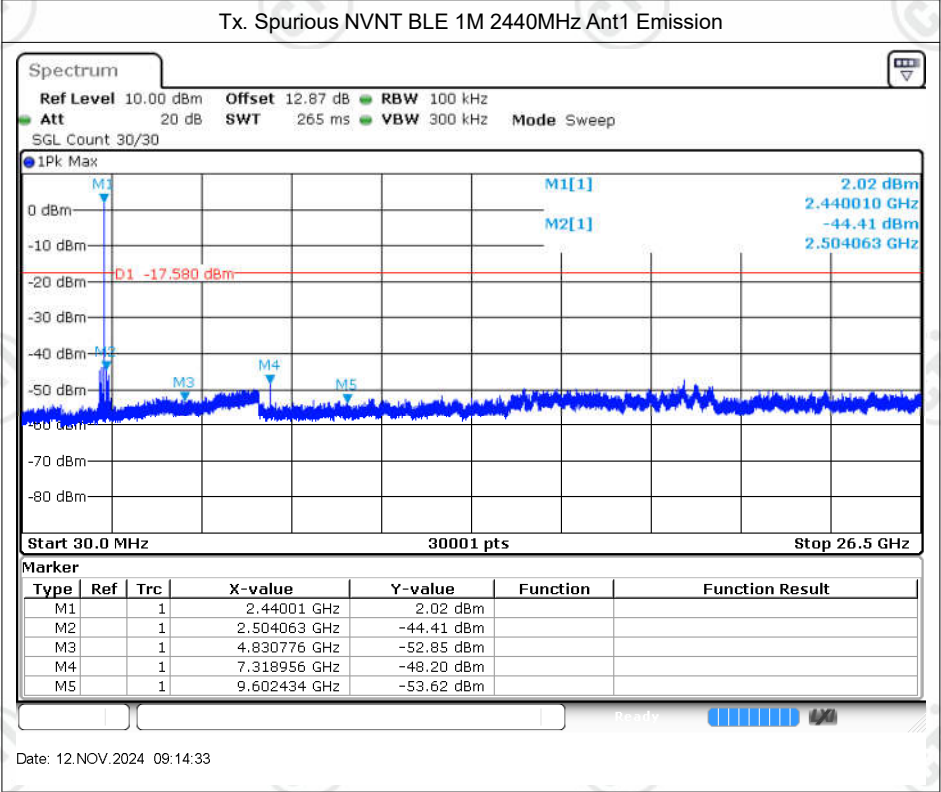
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.49	-20	Pass
NVNT	BLE 1M	2440	Ant1	-46.83	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.53	-20	Pass
NVNT	BLE 2M	2402	Ant1	-46.82	-20	Pass
NVNT	BLE 2M	2440	Ant1	-48.11	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.57	-20	Pass

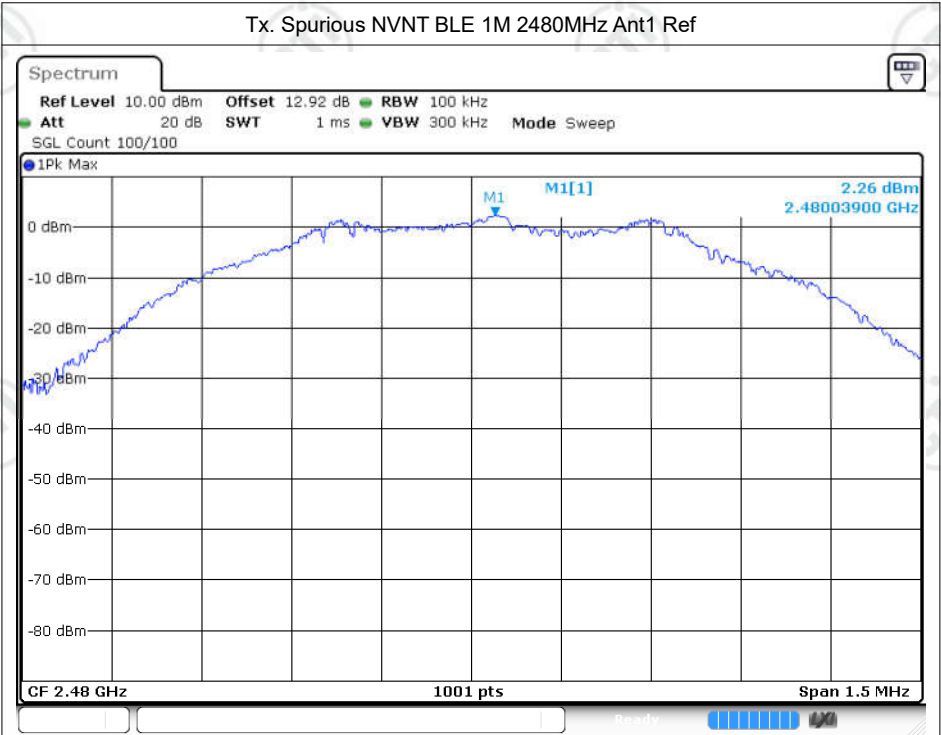




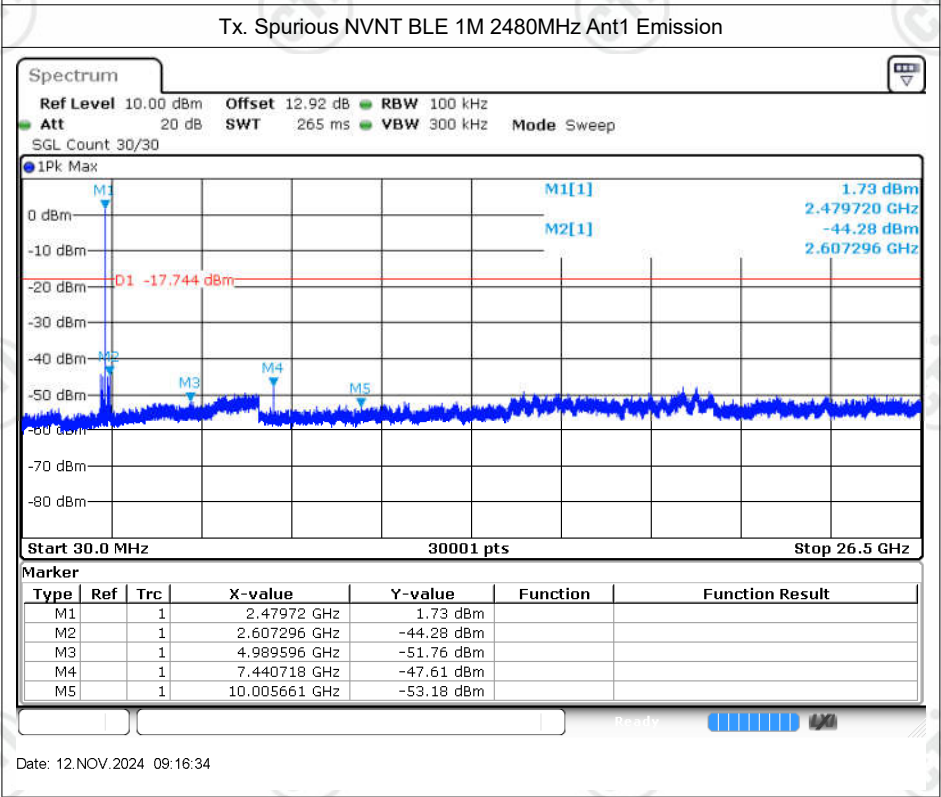
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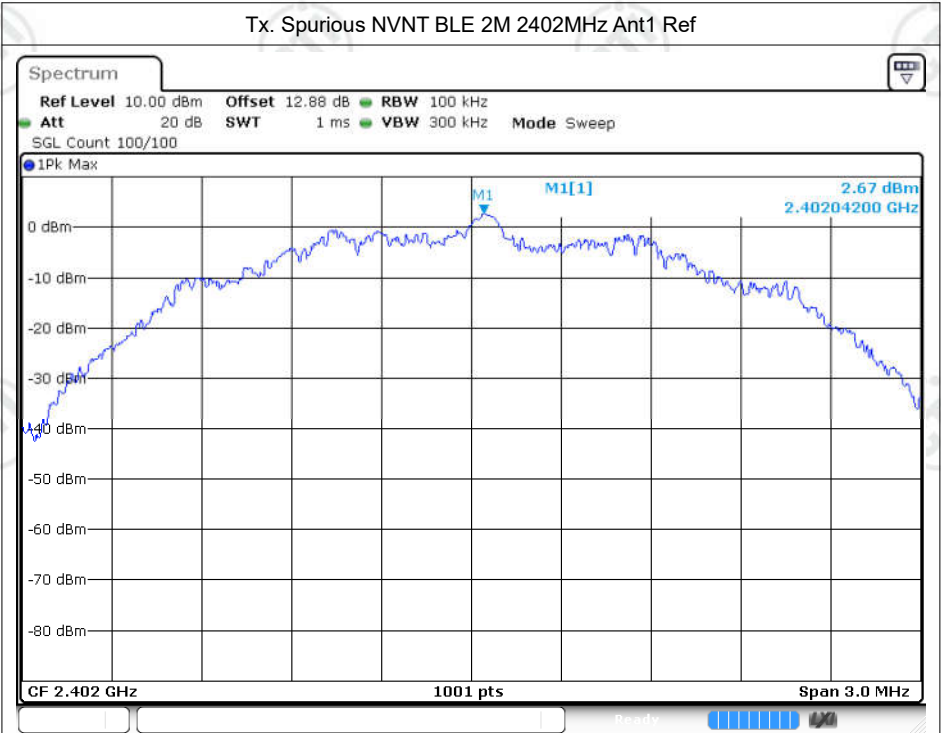
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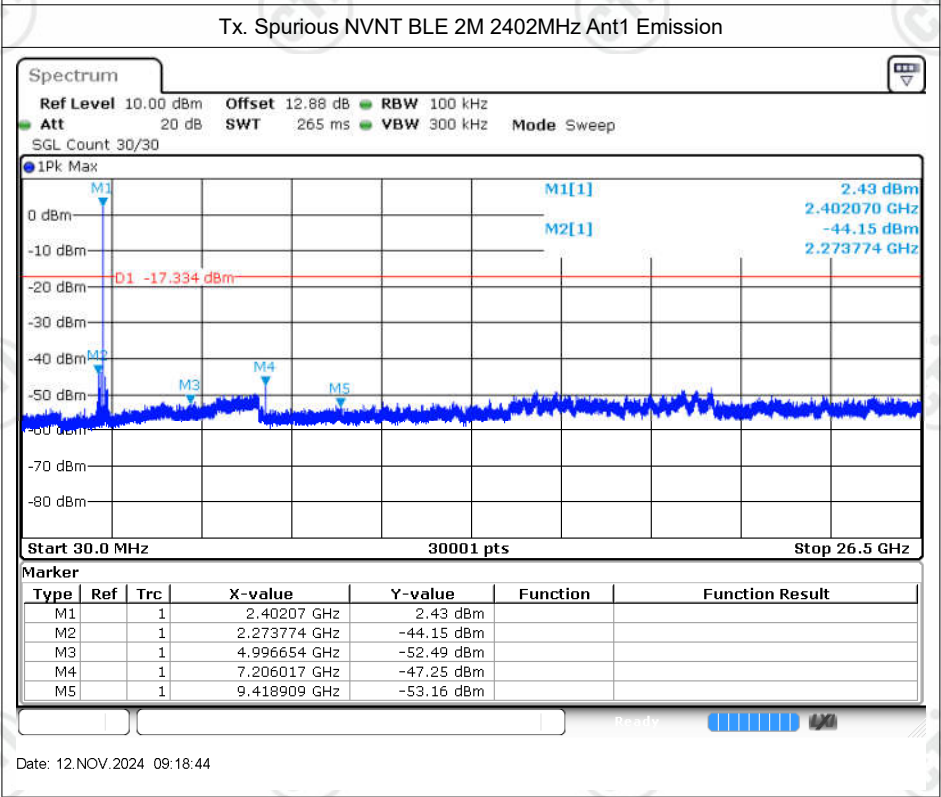
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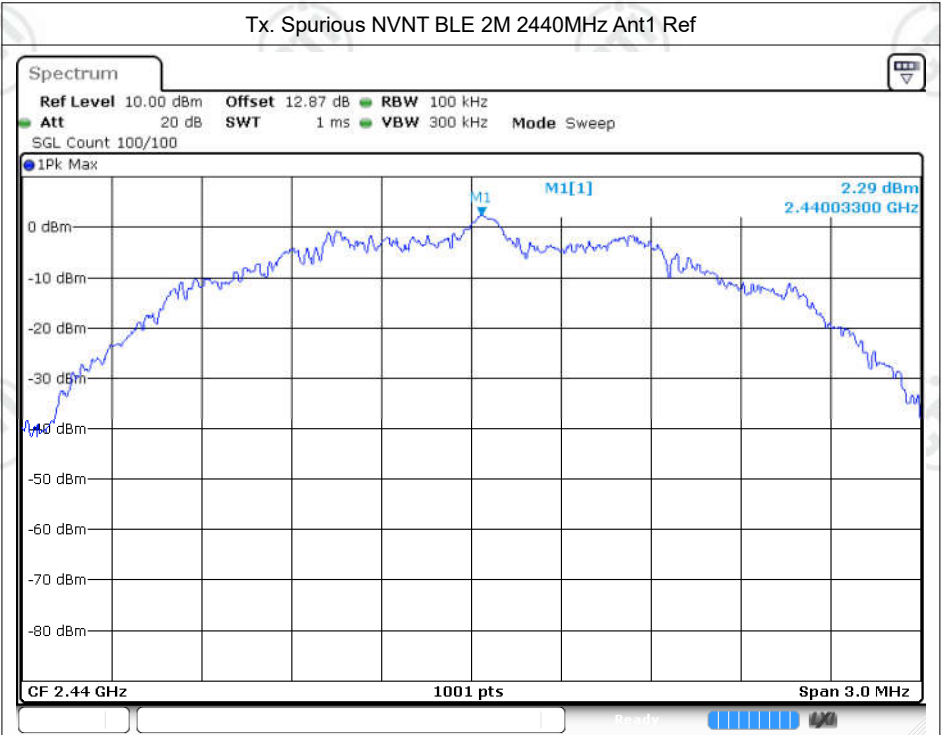
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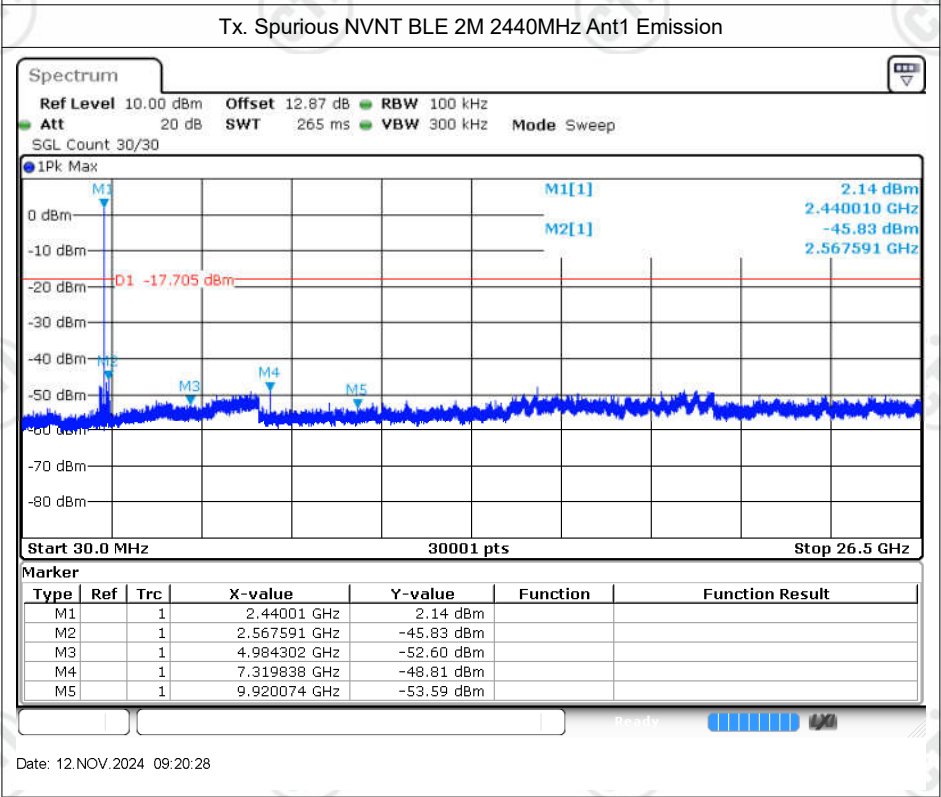
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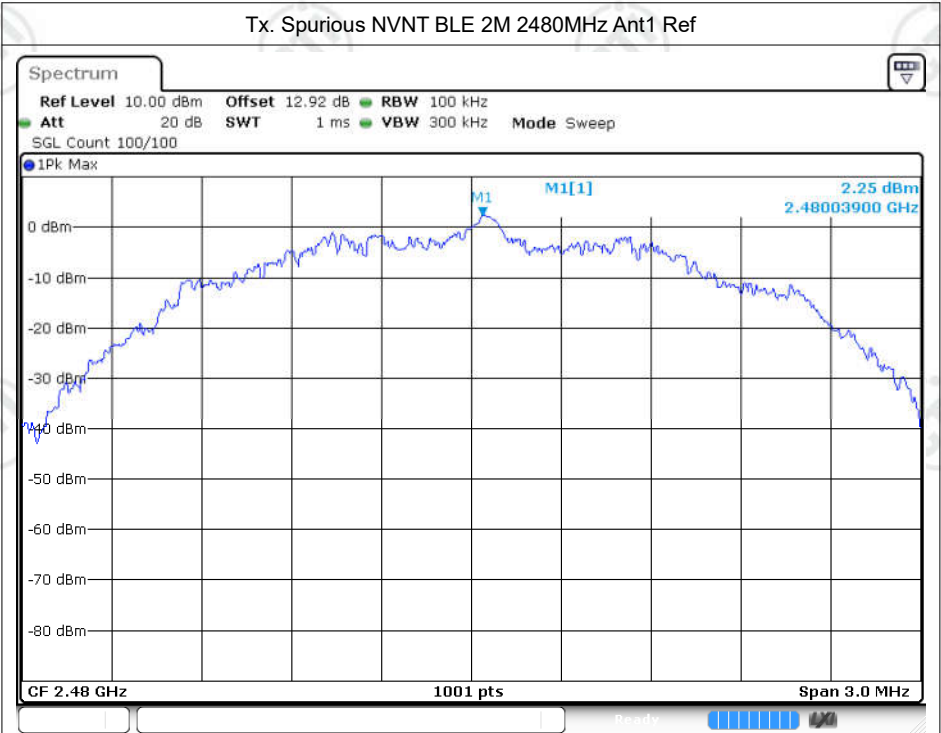
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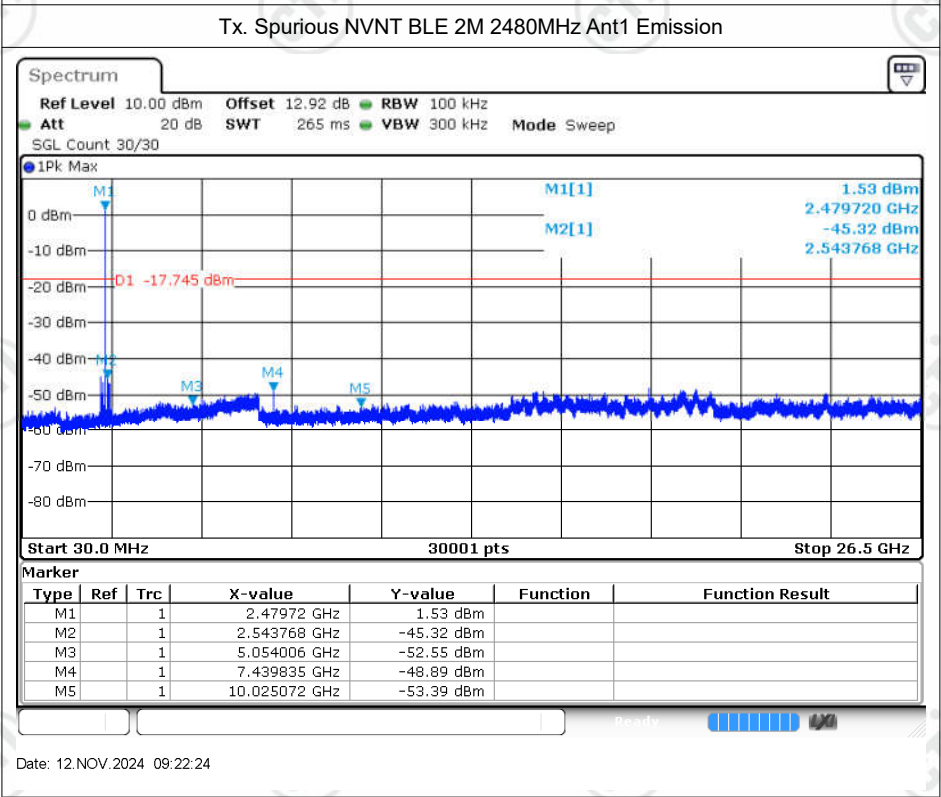
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Date: 12.NOV.2024 09:21:54



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END OF REPORT