

Appendix: Bluetooth LE

Contents

Duty Cycle 3

Maximum Peak Conducted Output Power 7

-6dB Bandwidth 11

Occupied Channel Bandwidth 15

Maximum Power Spectral Density Level 19

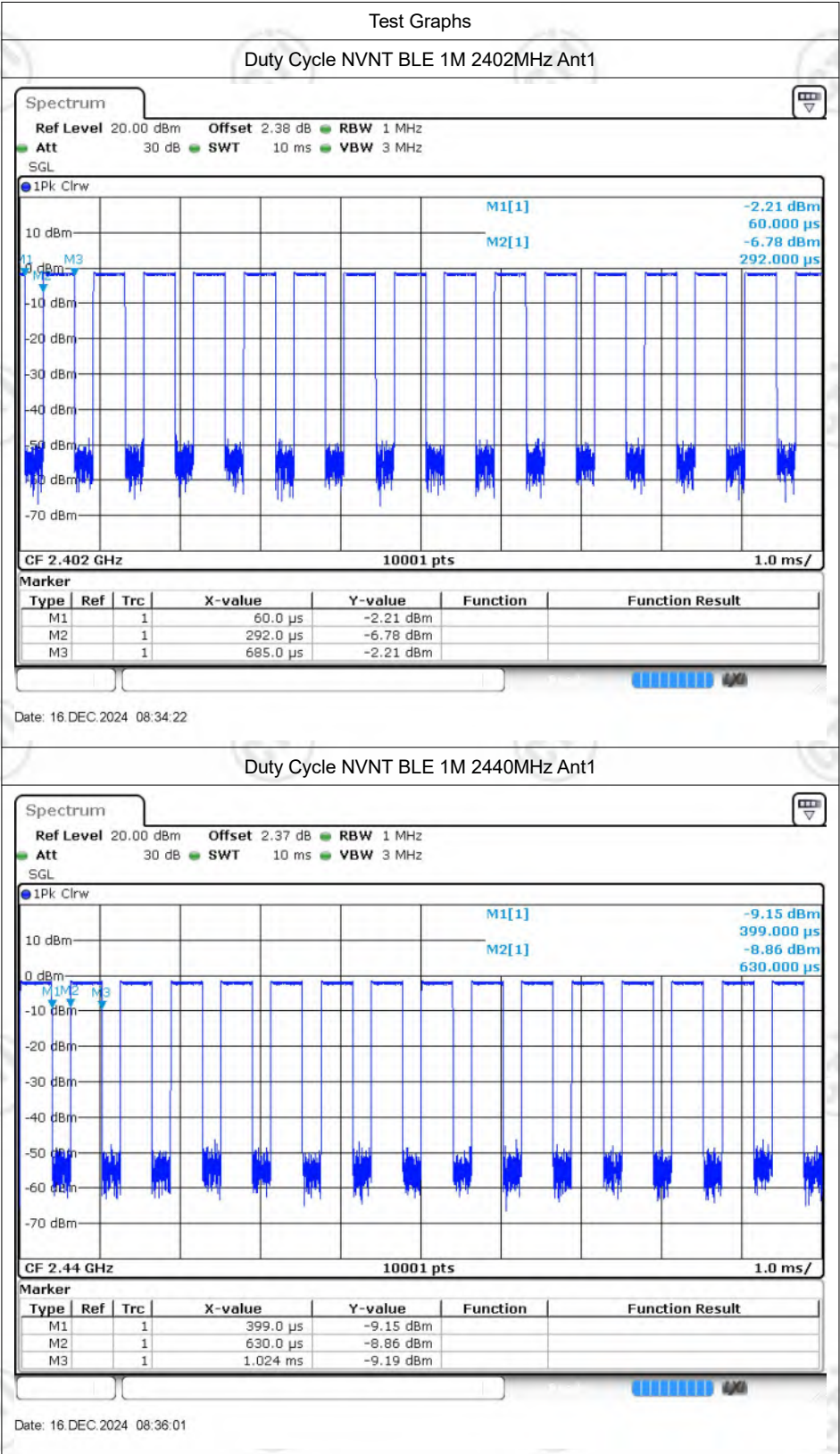
Band Edge 23

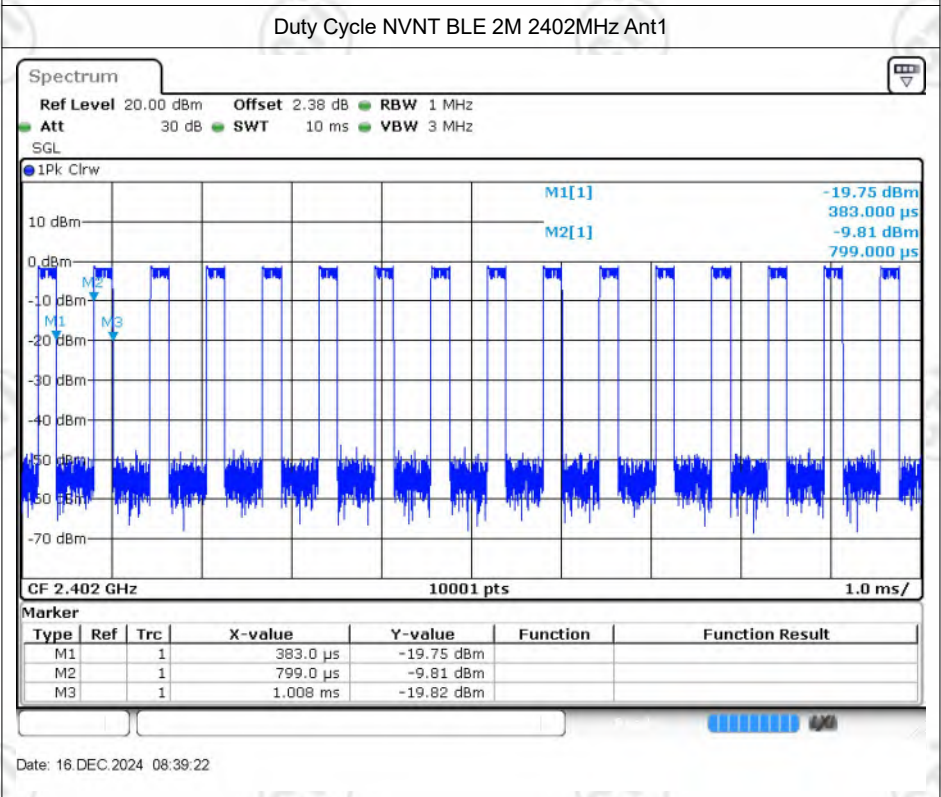
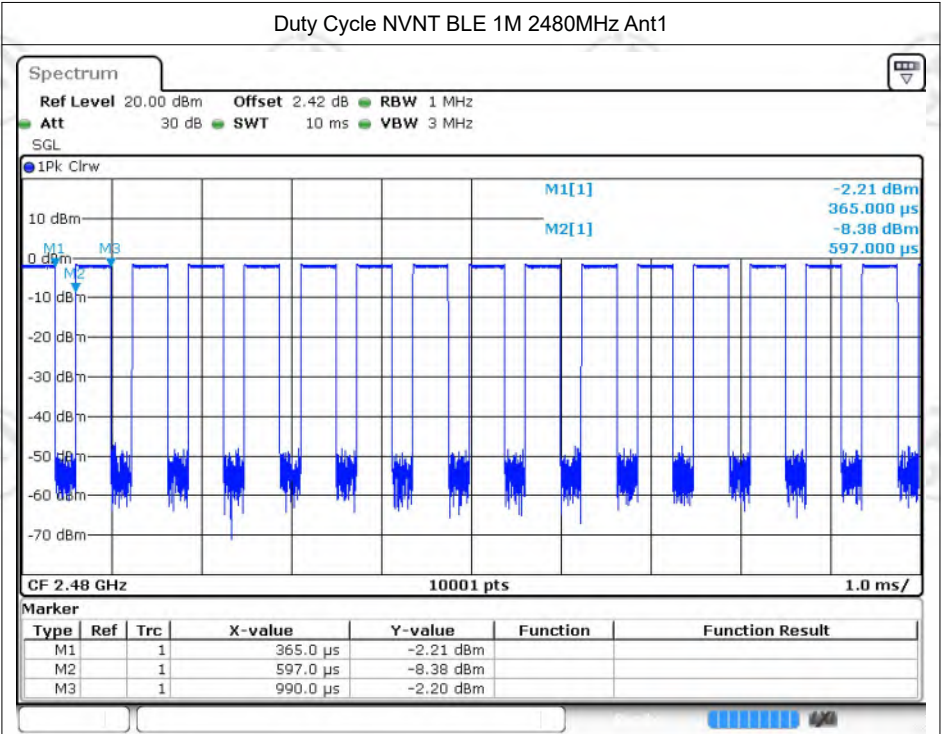
Conducted RF Spurious Emission 28

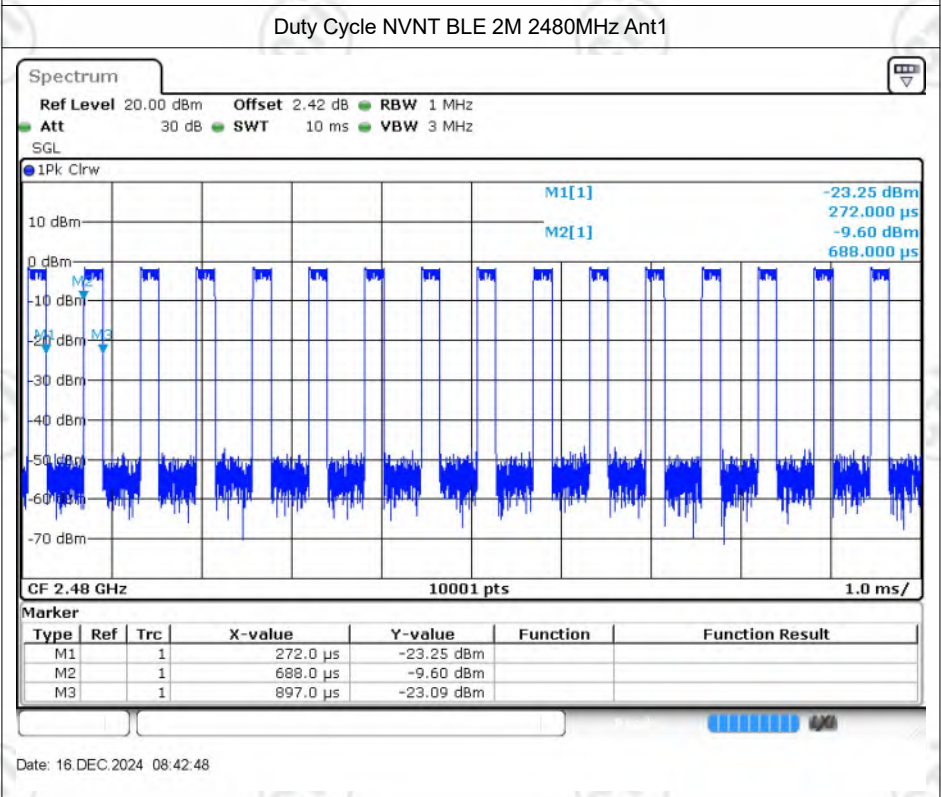
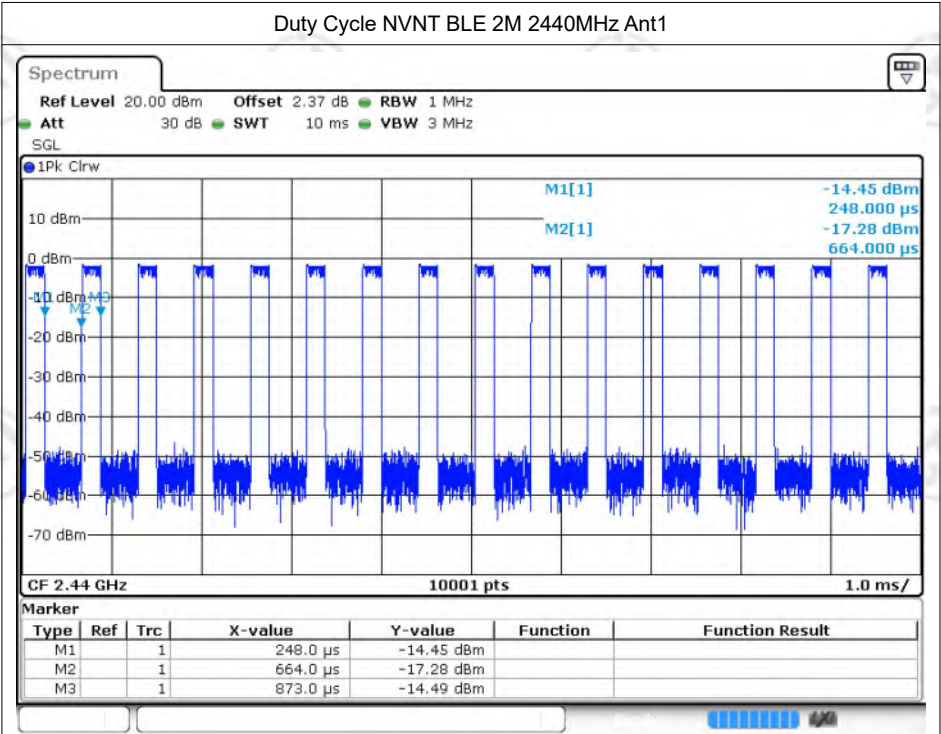
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2440	Ant1	63.04	2	2.54
NVNT	BLE 1M	2480	Ant1	62.88	2.01	2.54
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	33.44	4.76	4.78

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

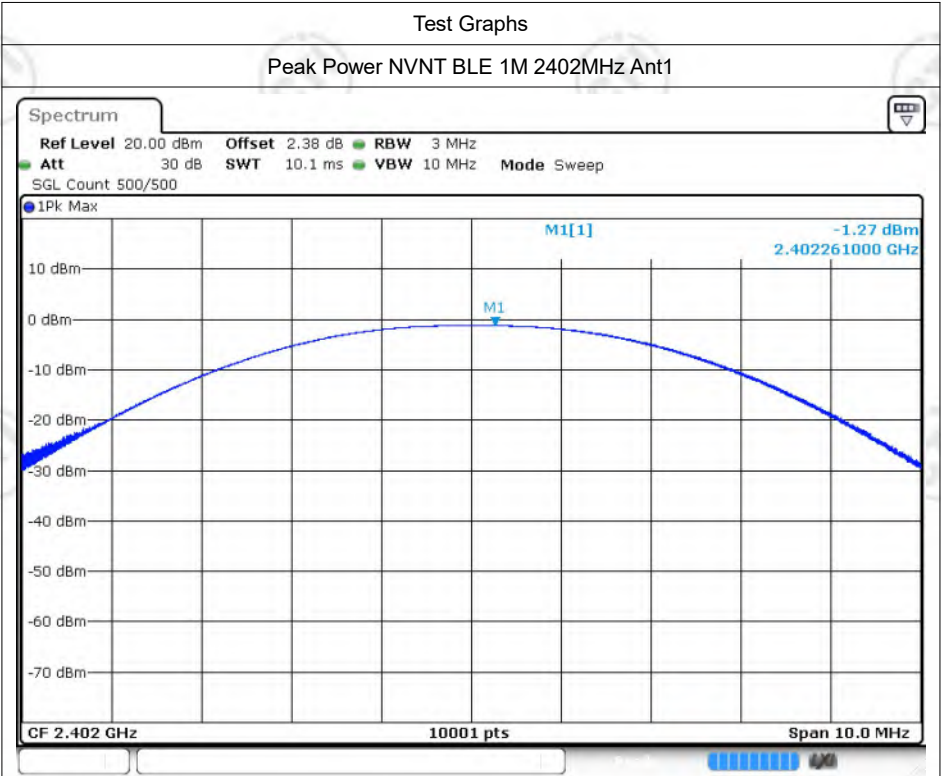




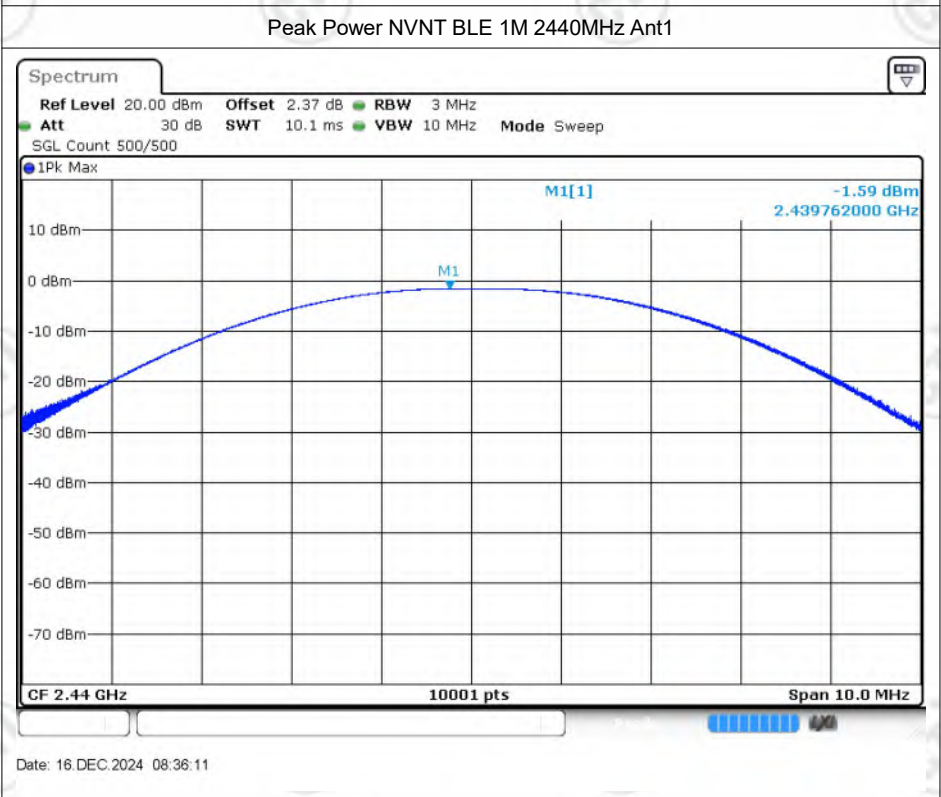


Maximum Peak Conducted Output Power

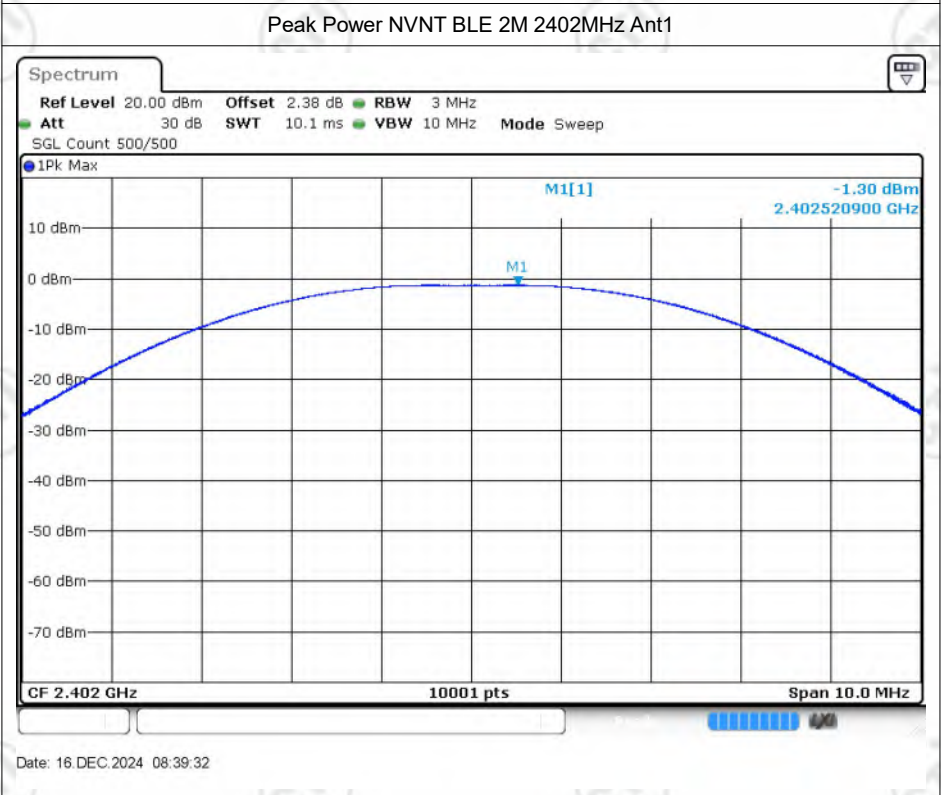
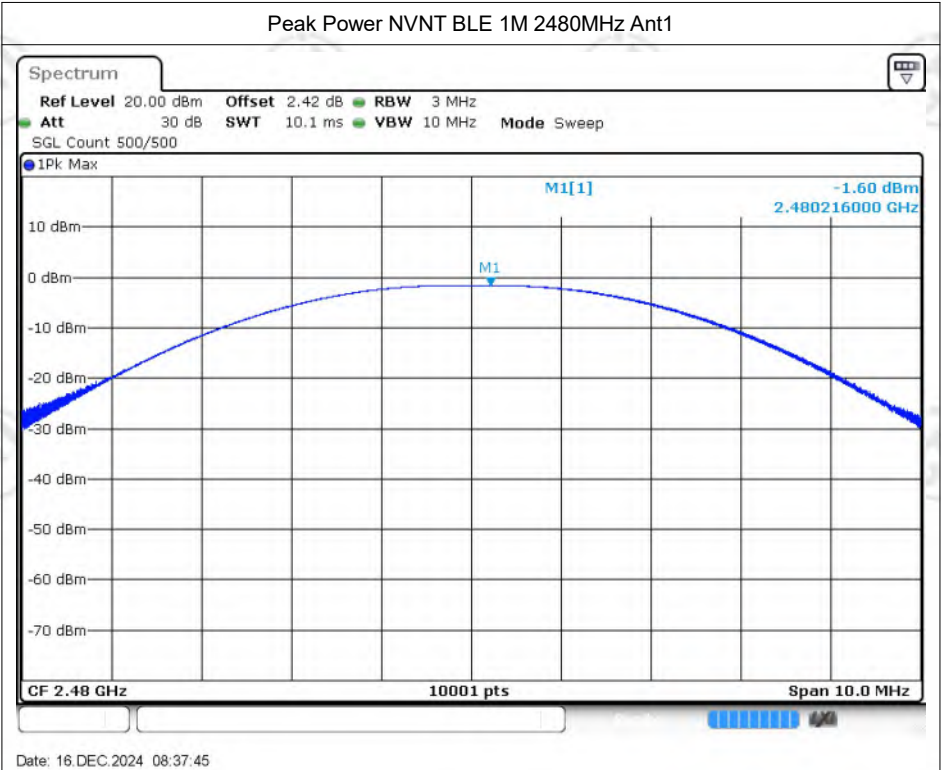
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.27	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.59	30	Pass
NVNT	BLE 1M	2480	Ant1	-1.60	30	Pass
NVNT	BLE 2M	2402	Ant1	-1.30	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.65	30	Pass
NVNT	BLE 2M	2480	Ant1	-1.63	30	Pass

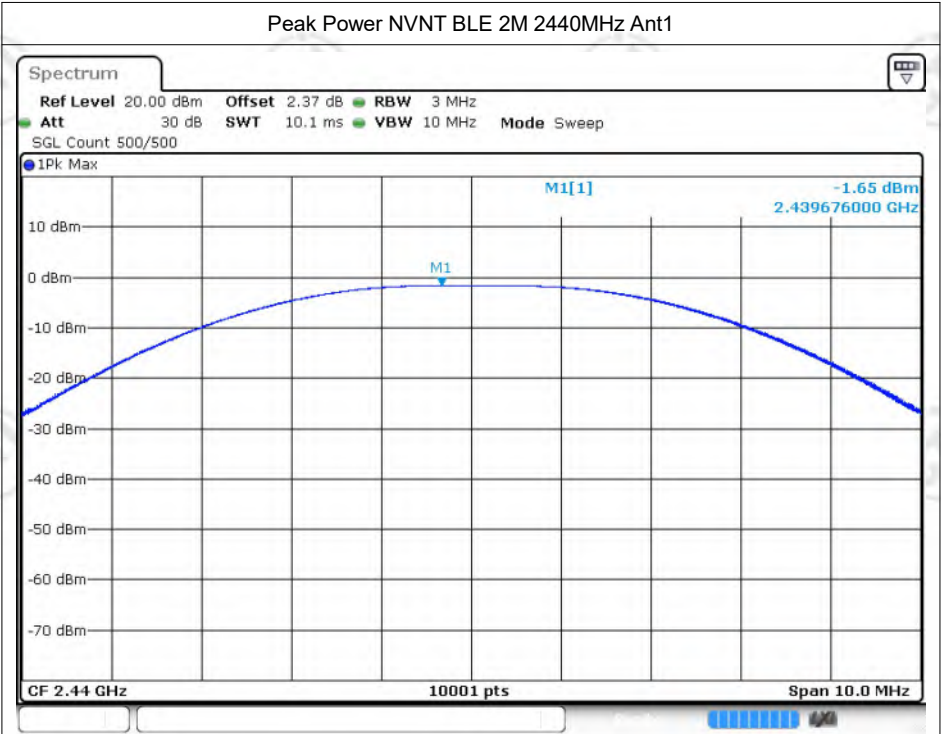


Date: 16 DEC 2024 08:34:33

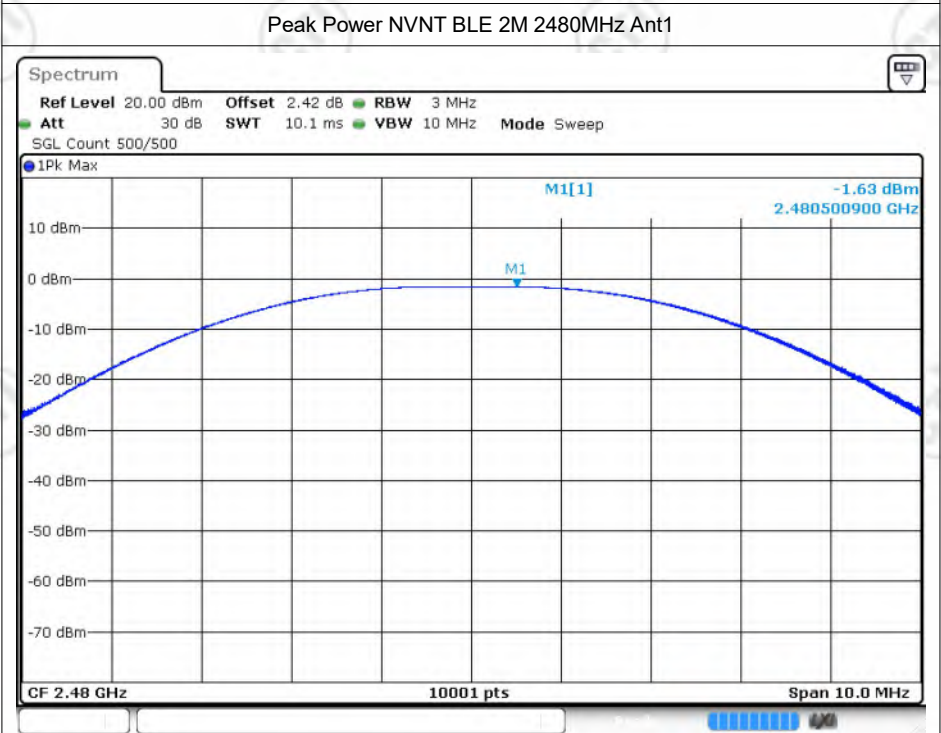


Date: 16 DEC 2024 08:36:11





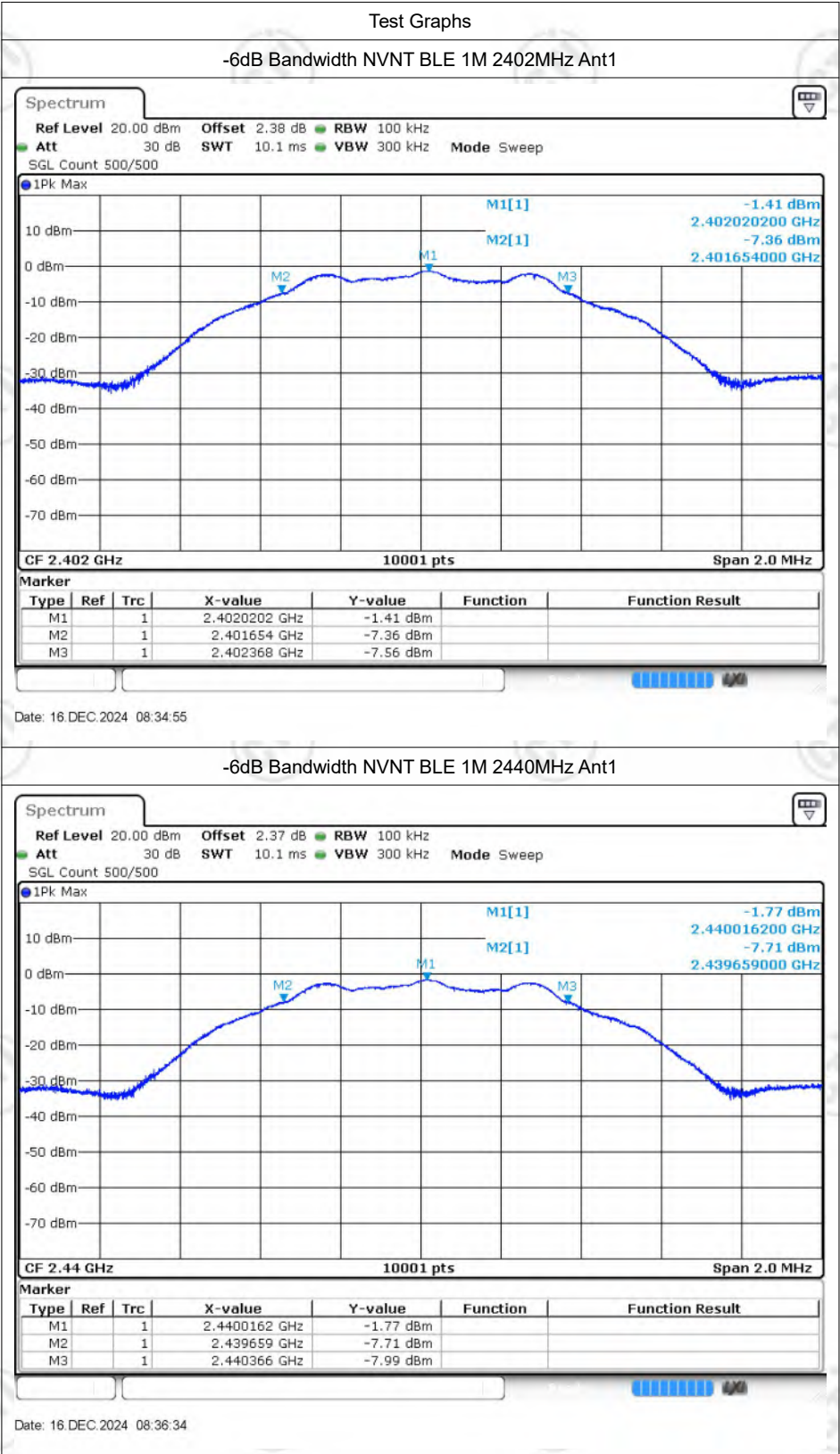
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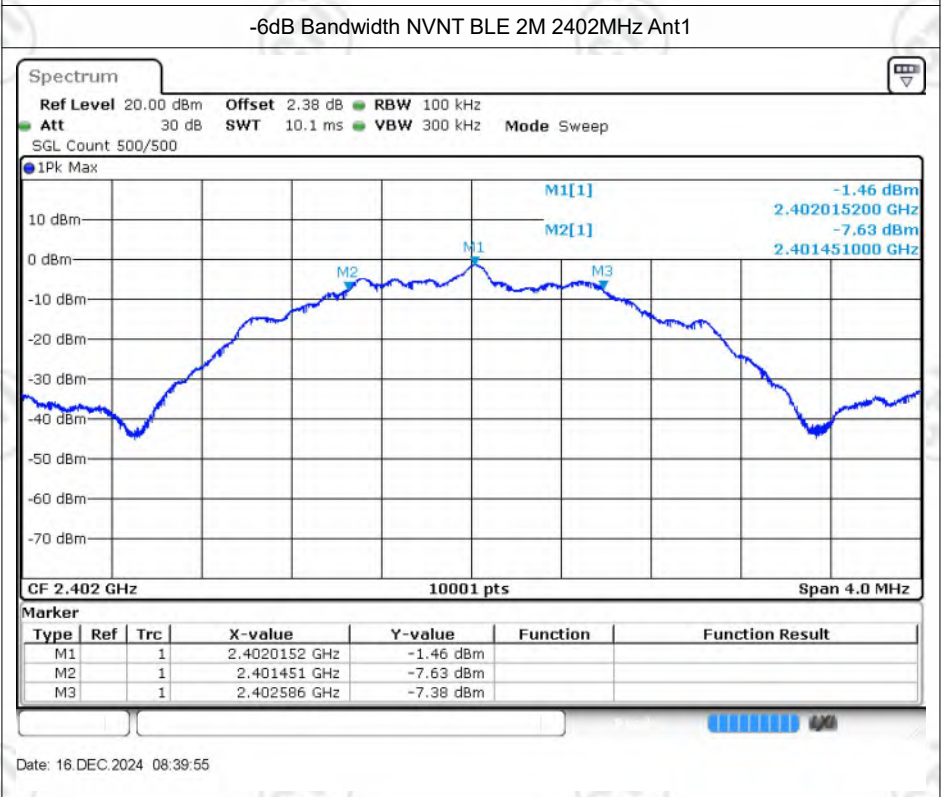
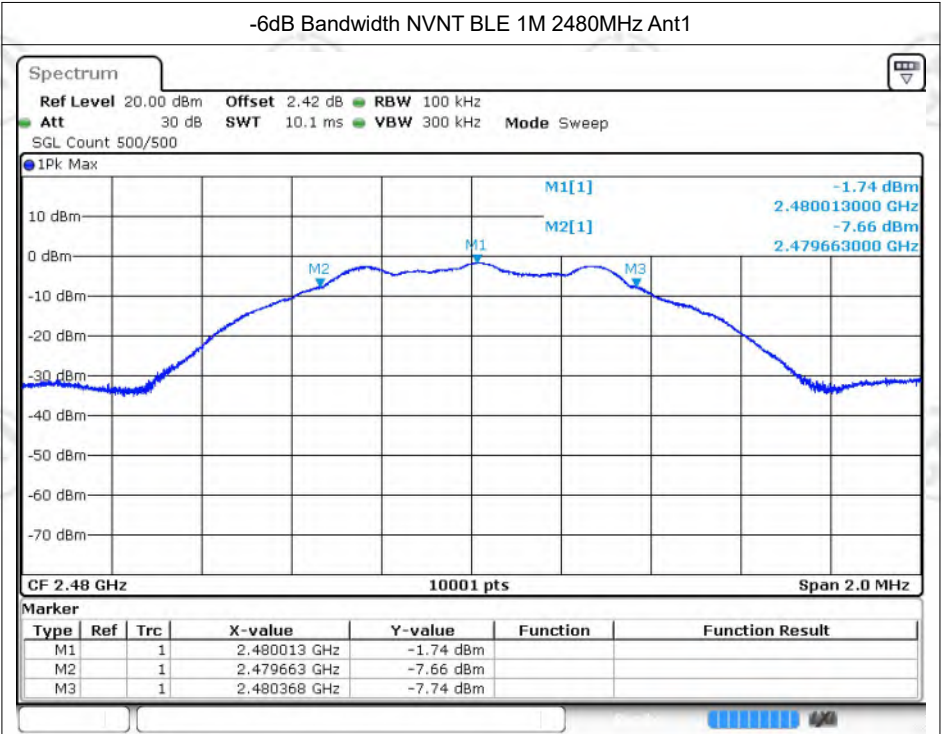


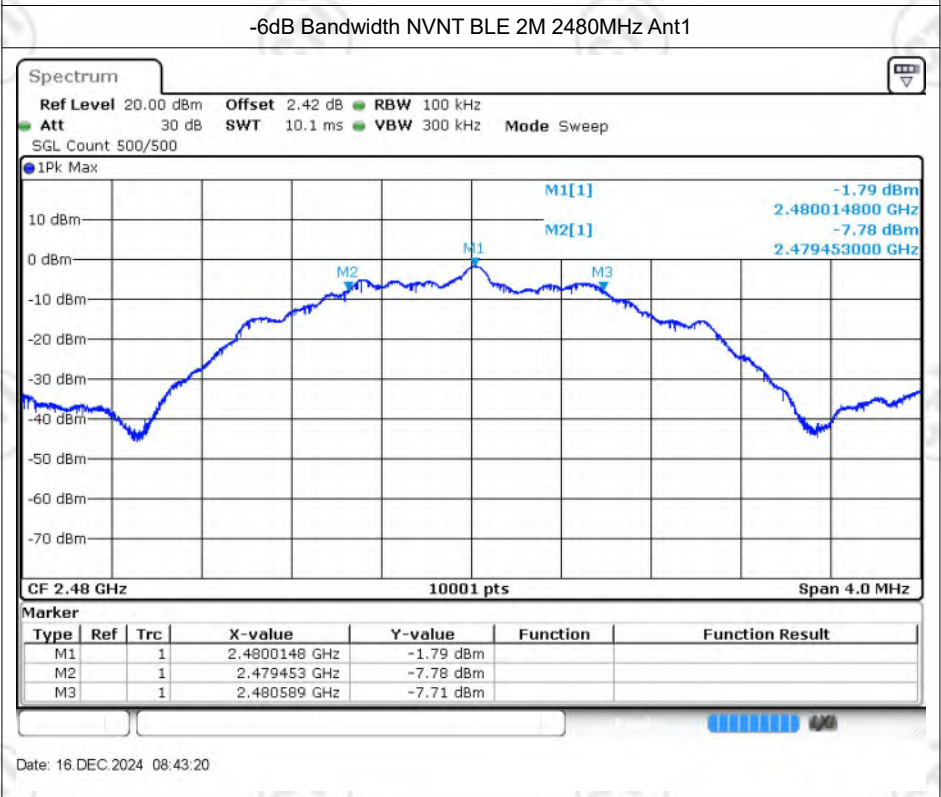
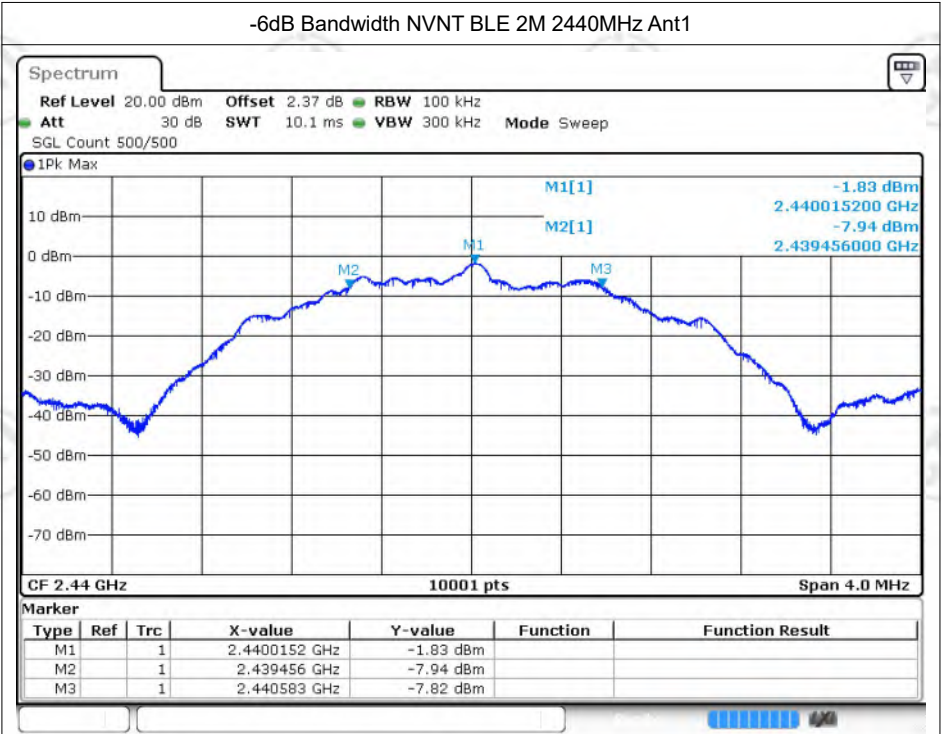
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-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.714	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.707	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.705	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.135	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.127	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.136	0.5	Pass

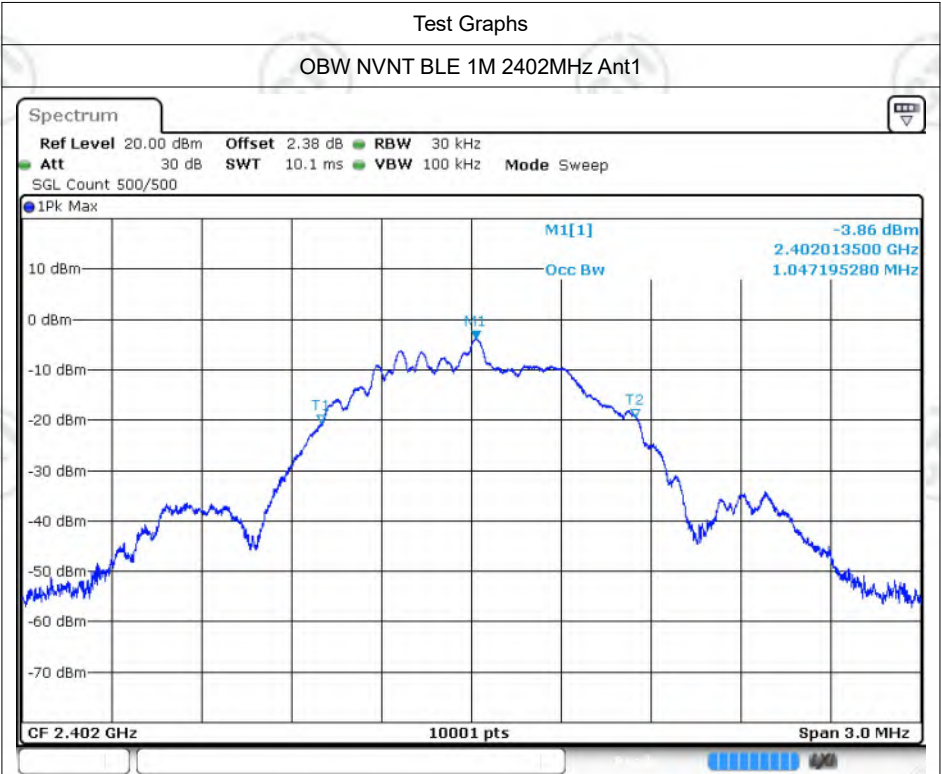




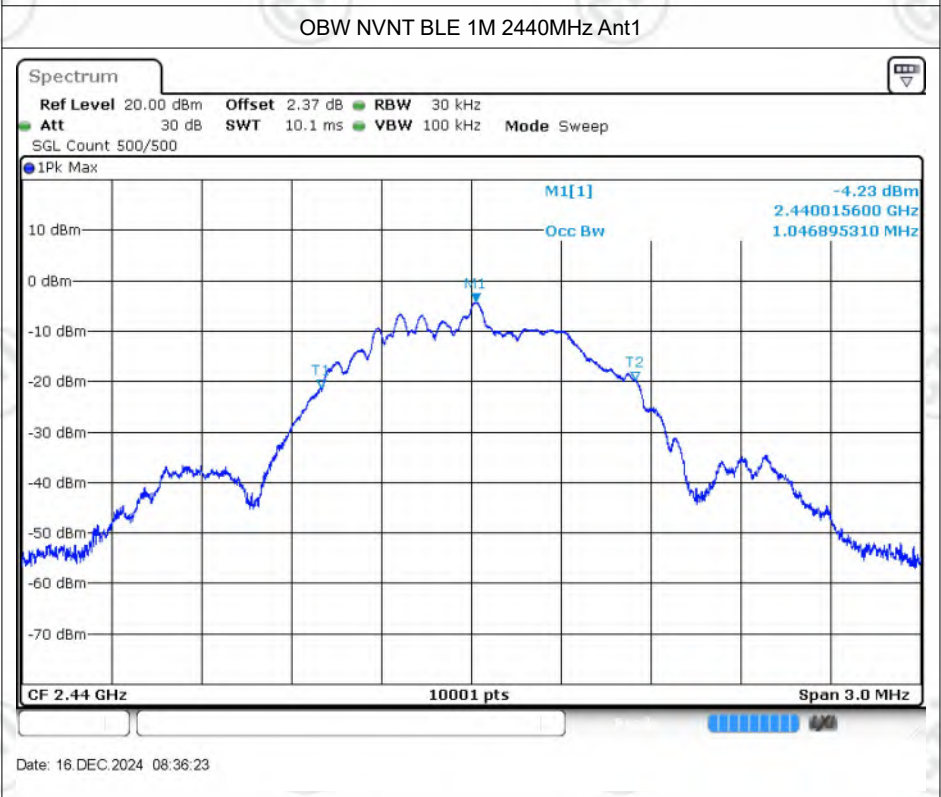


Occupied Channel Bandwidth

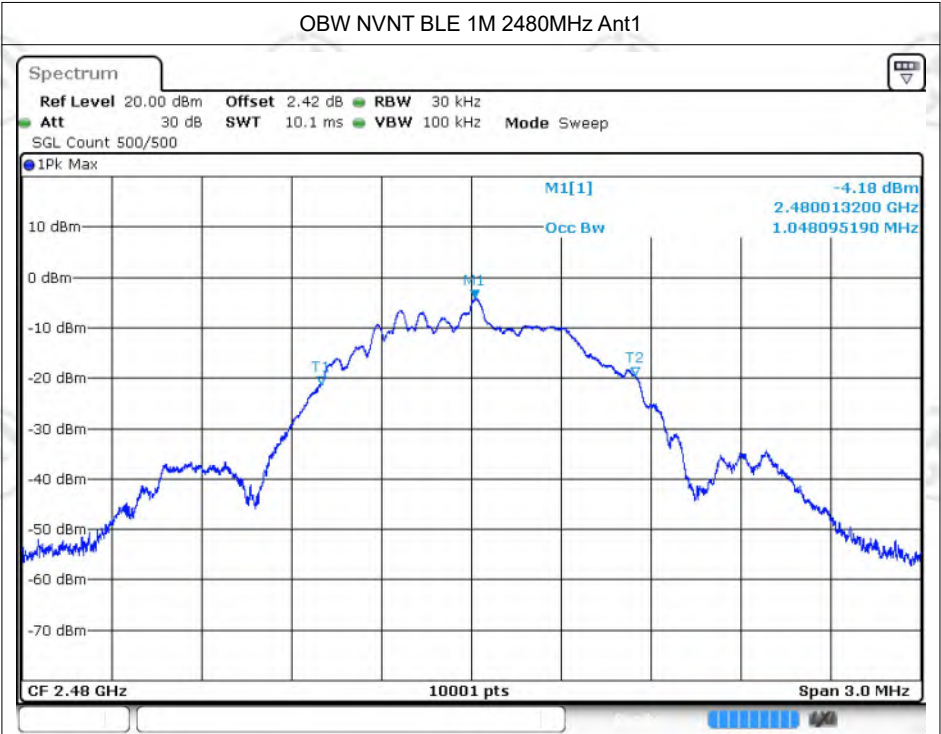
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NVNT	BLE 1M	2402	Ant1	1.047
NVNT	BLE 1M	2440	Ant1	1.047
NVNT	BLE 1M	2480	Ant1	1.048
NVNT	BLE 2M	2402	Ant1	2.045
NVNT	BLE 2M	2440	Ant1	2.049
NVNT	BLE 2M	2480	Ant1	2.051



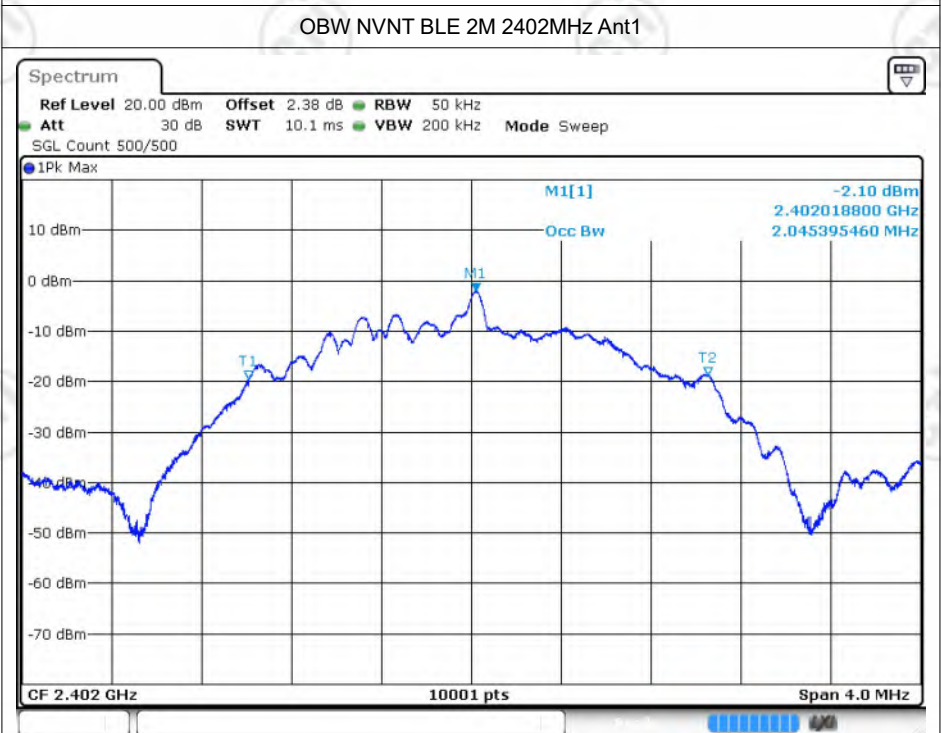
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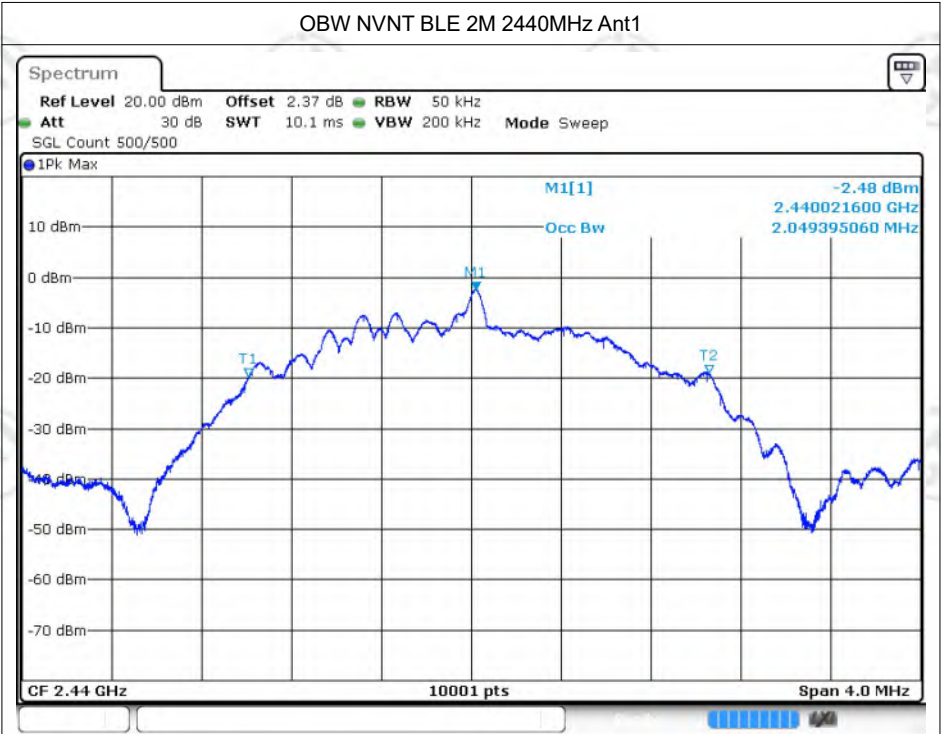
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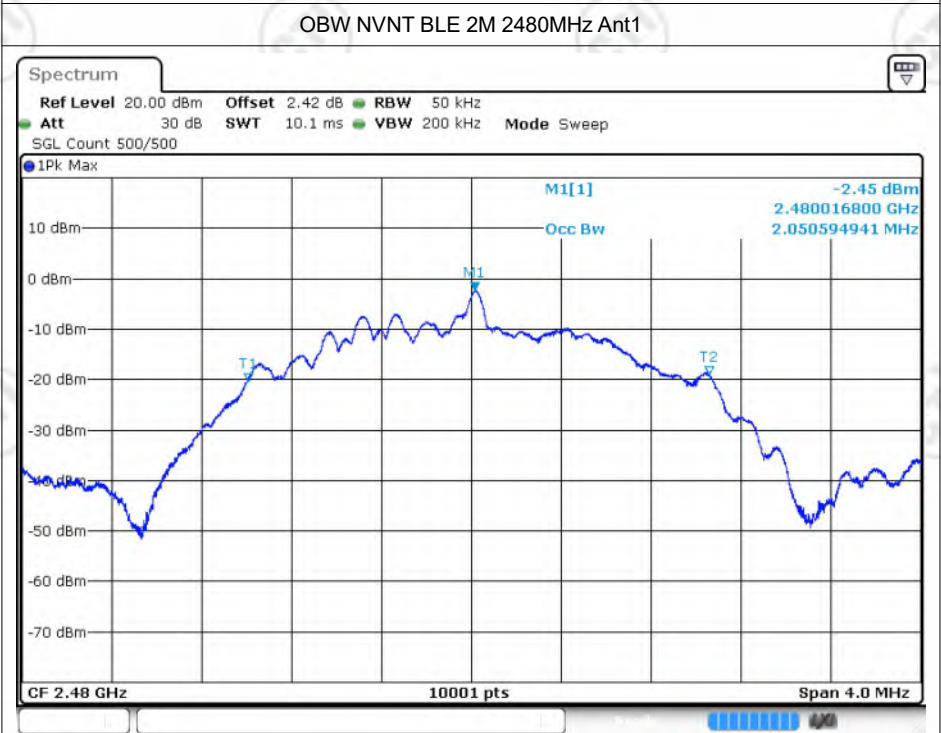
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Date: 16.DEC.2024 08:39:43



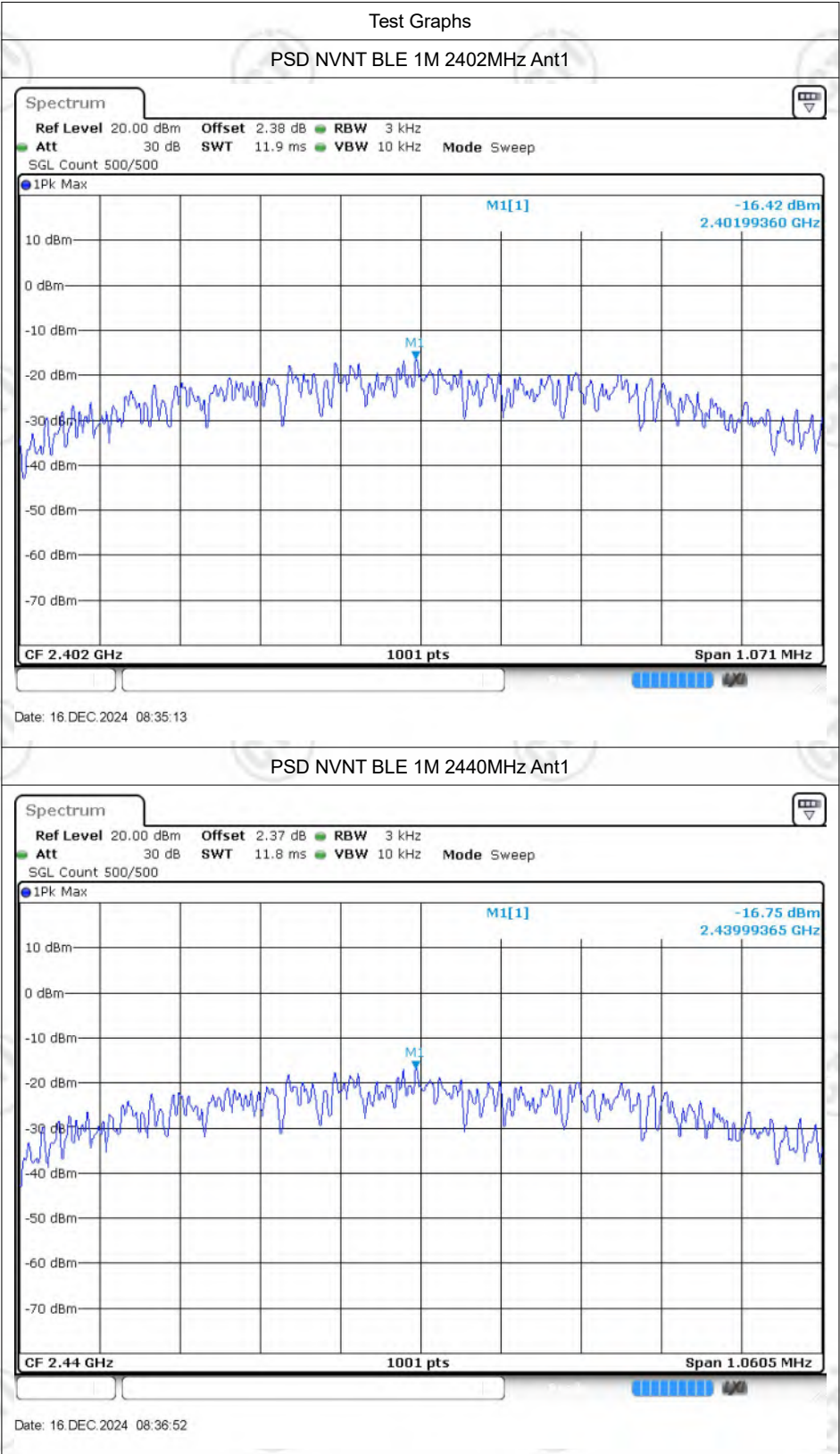
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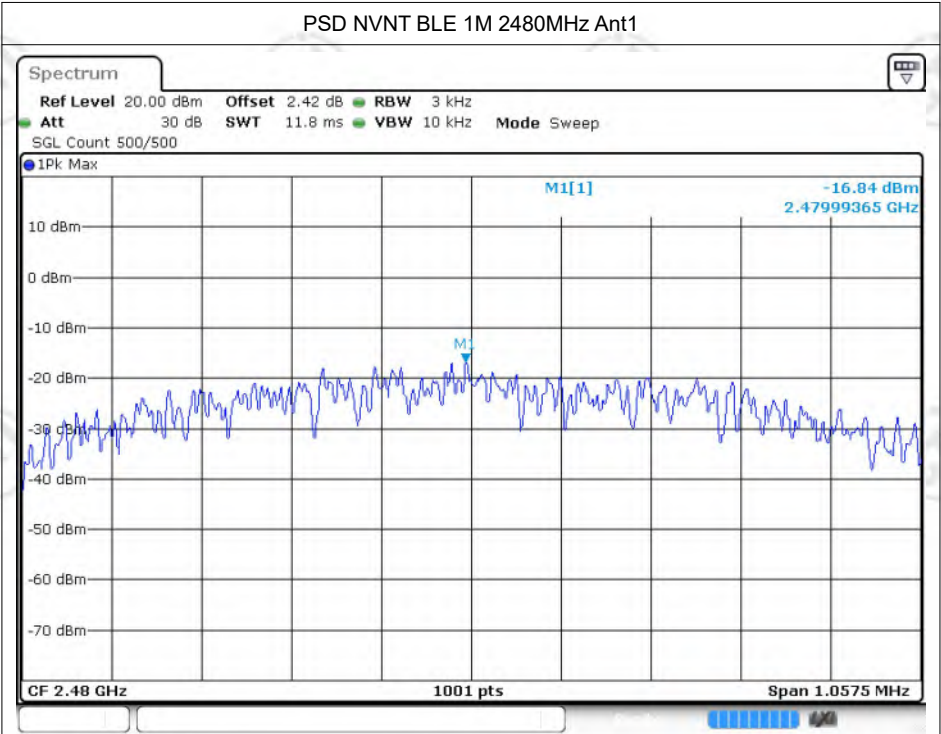


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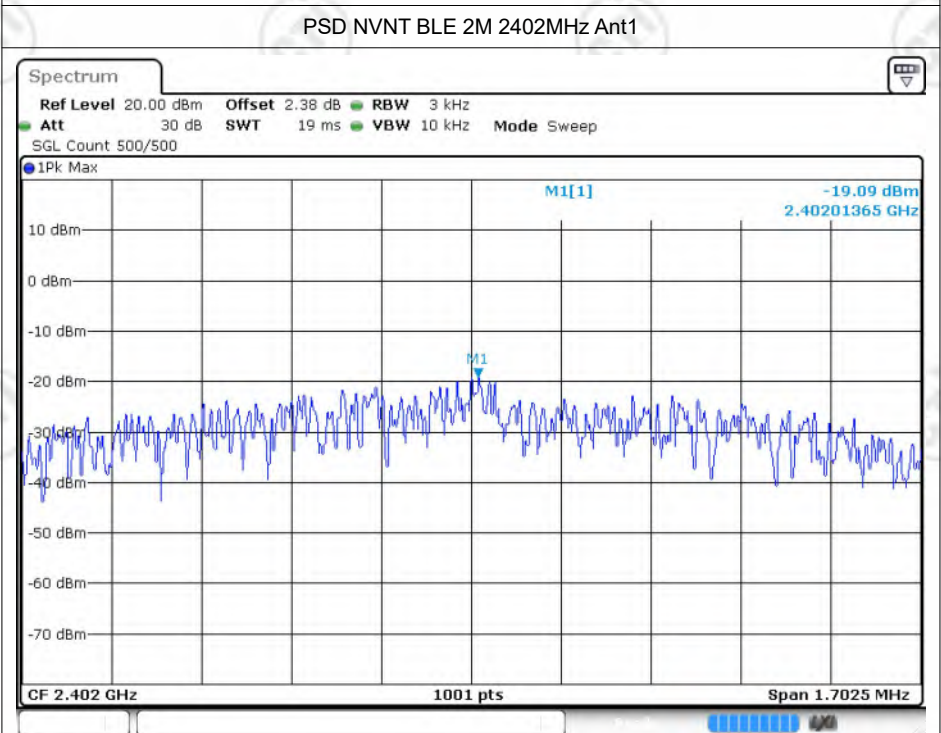
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.42	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.75	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.84	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.09	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.47	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.47	8	Pass

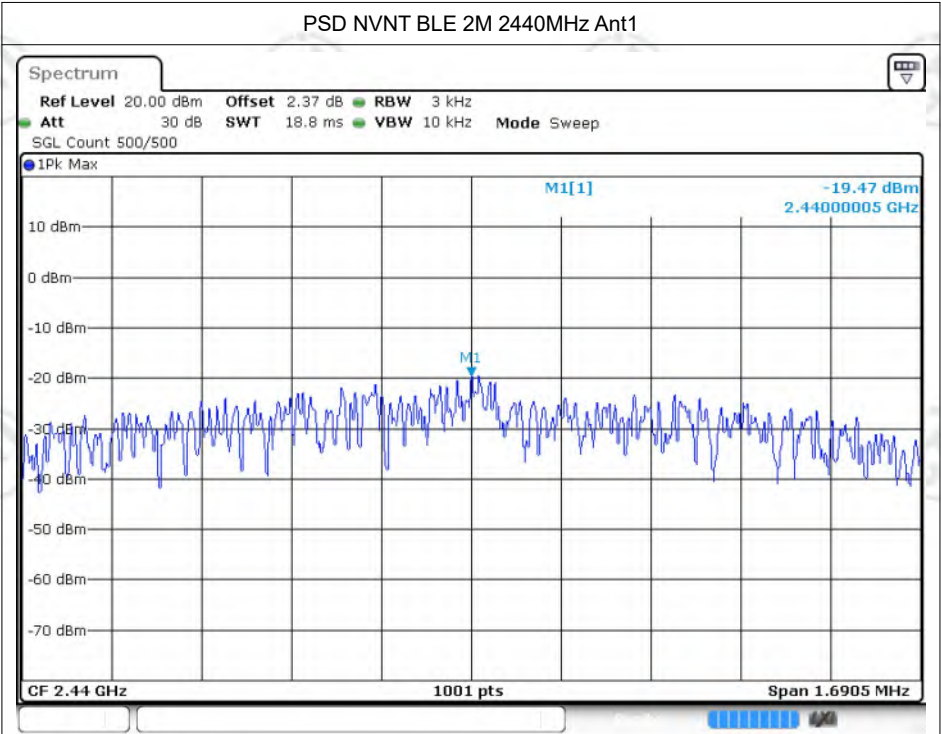




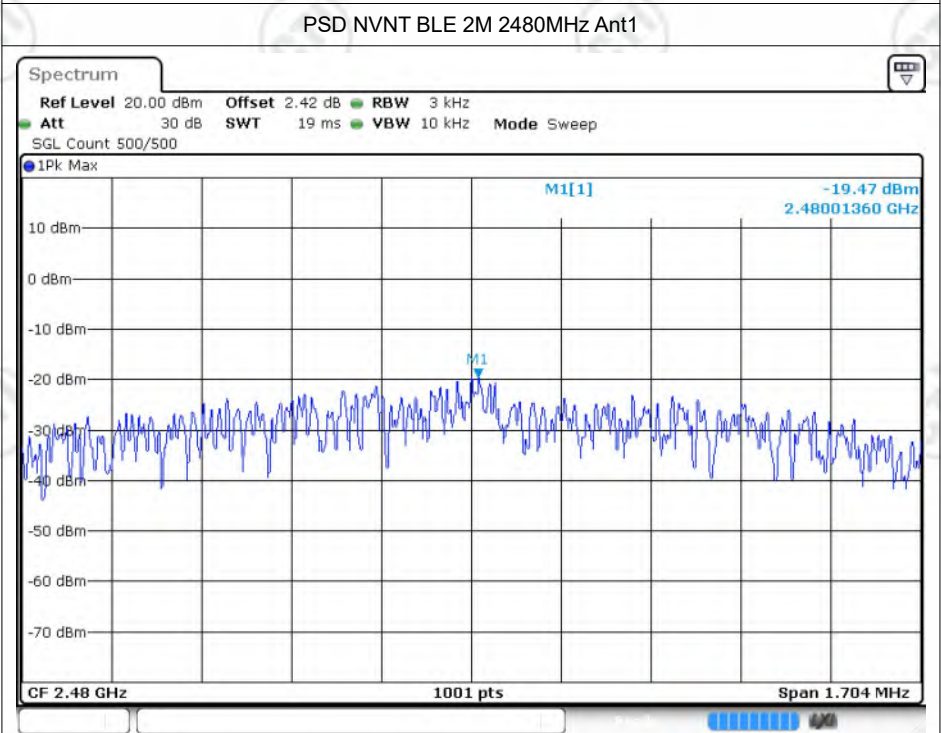
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Date: 16 DEC 2024 08:40:16



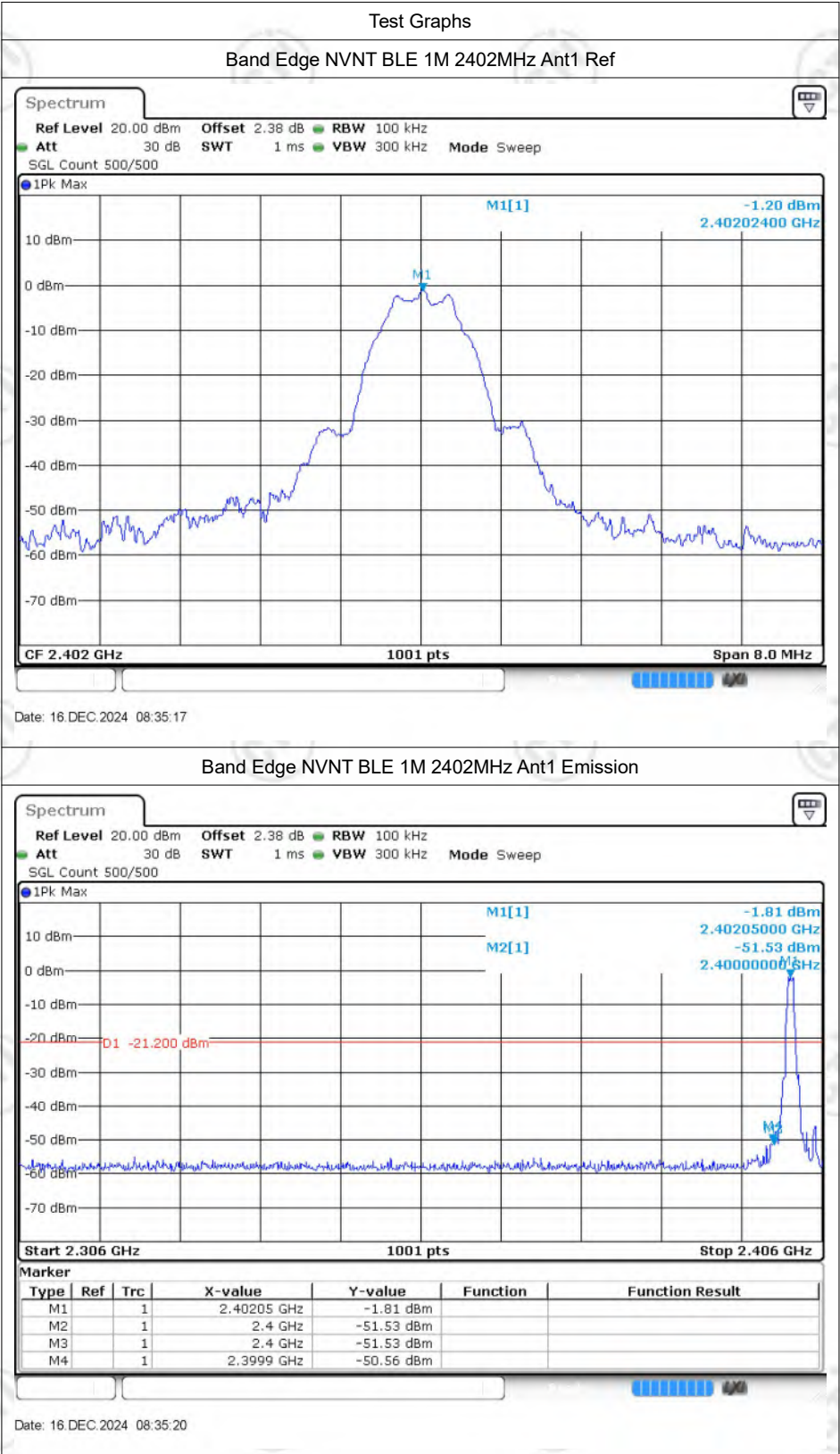
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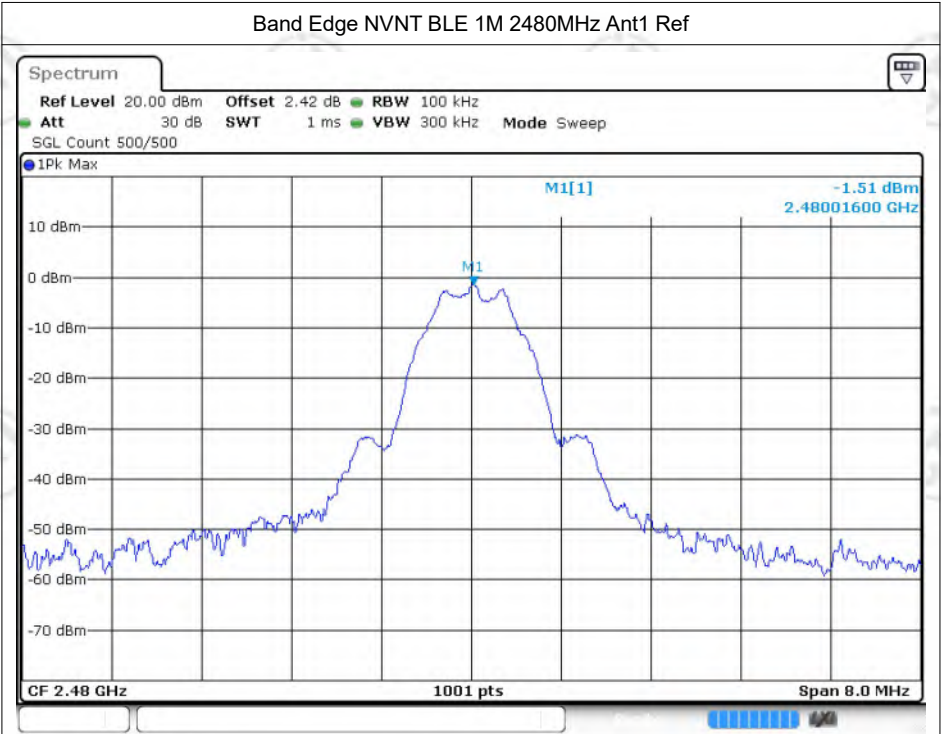


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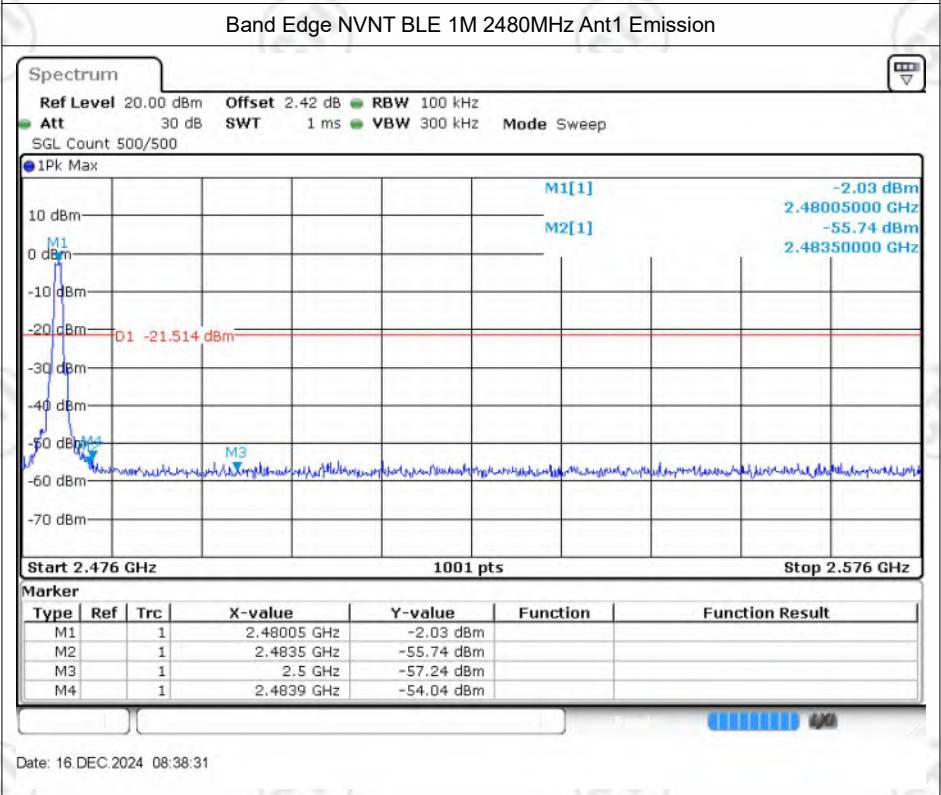
Band Edge

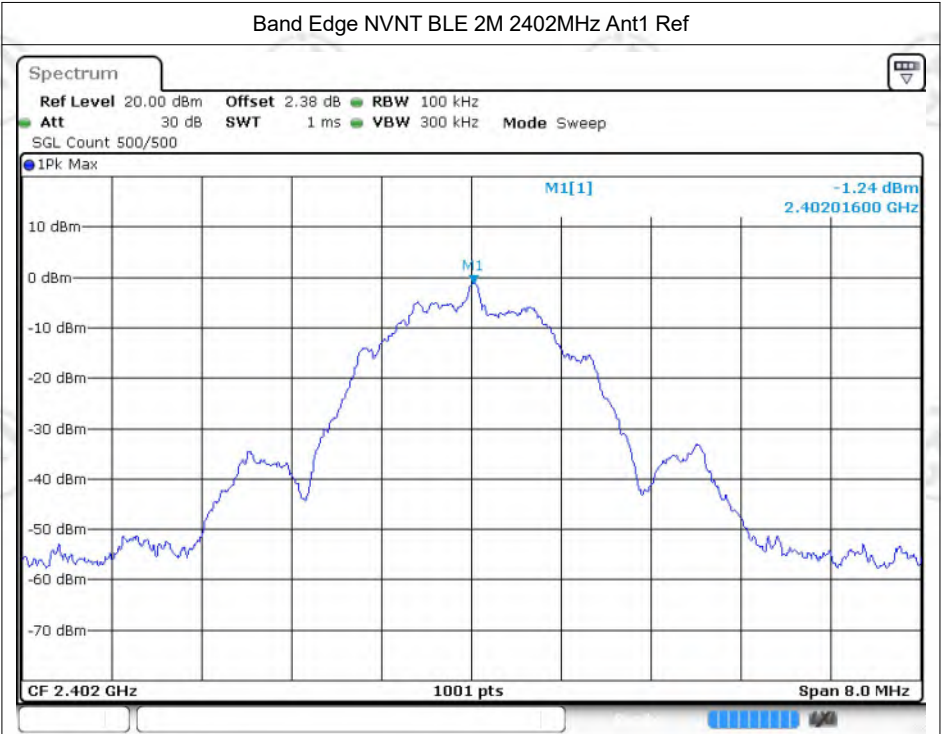
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-49.35	-20	Pass
NVNT	BLE 1M	2480	Ant1	-52.52	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.07	-20	Pass
NVNT	BLE 2M	2480	Ant1	-53.64	-20	Pass



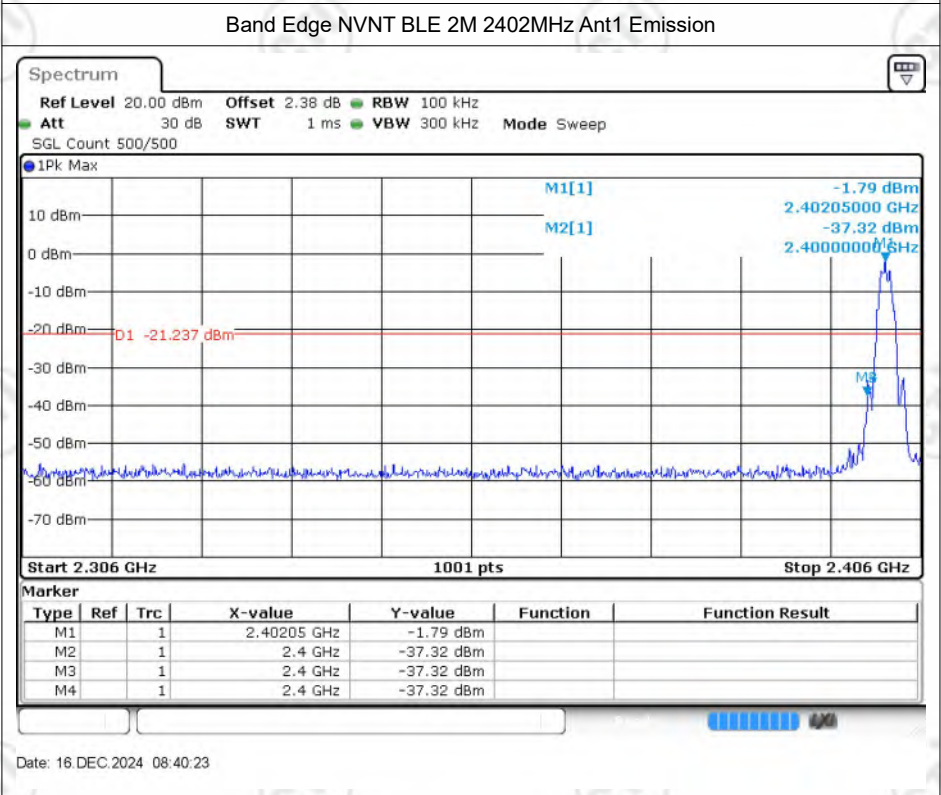


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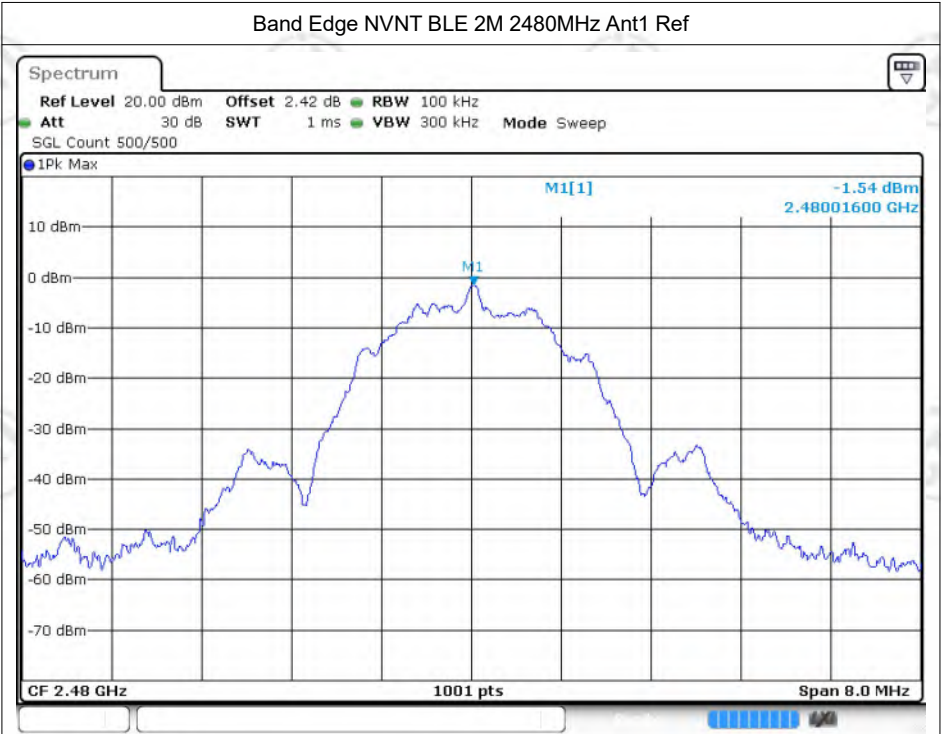




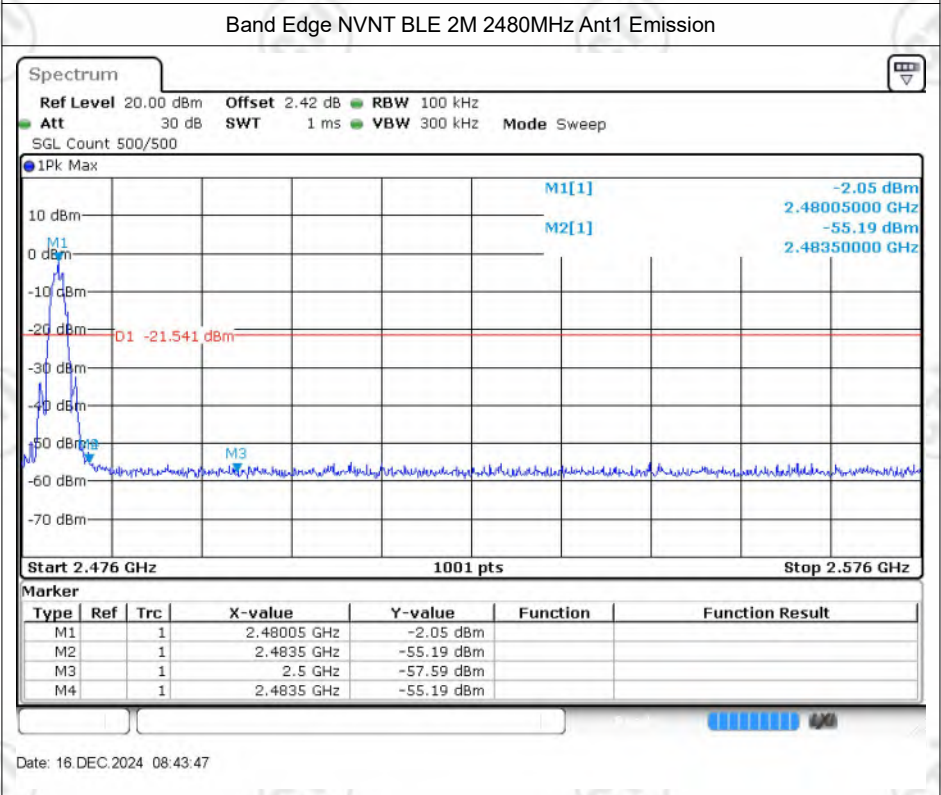
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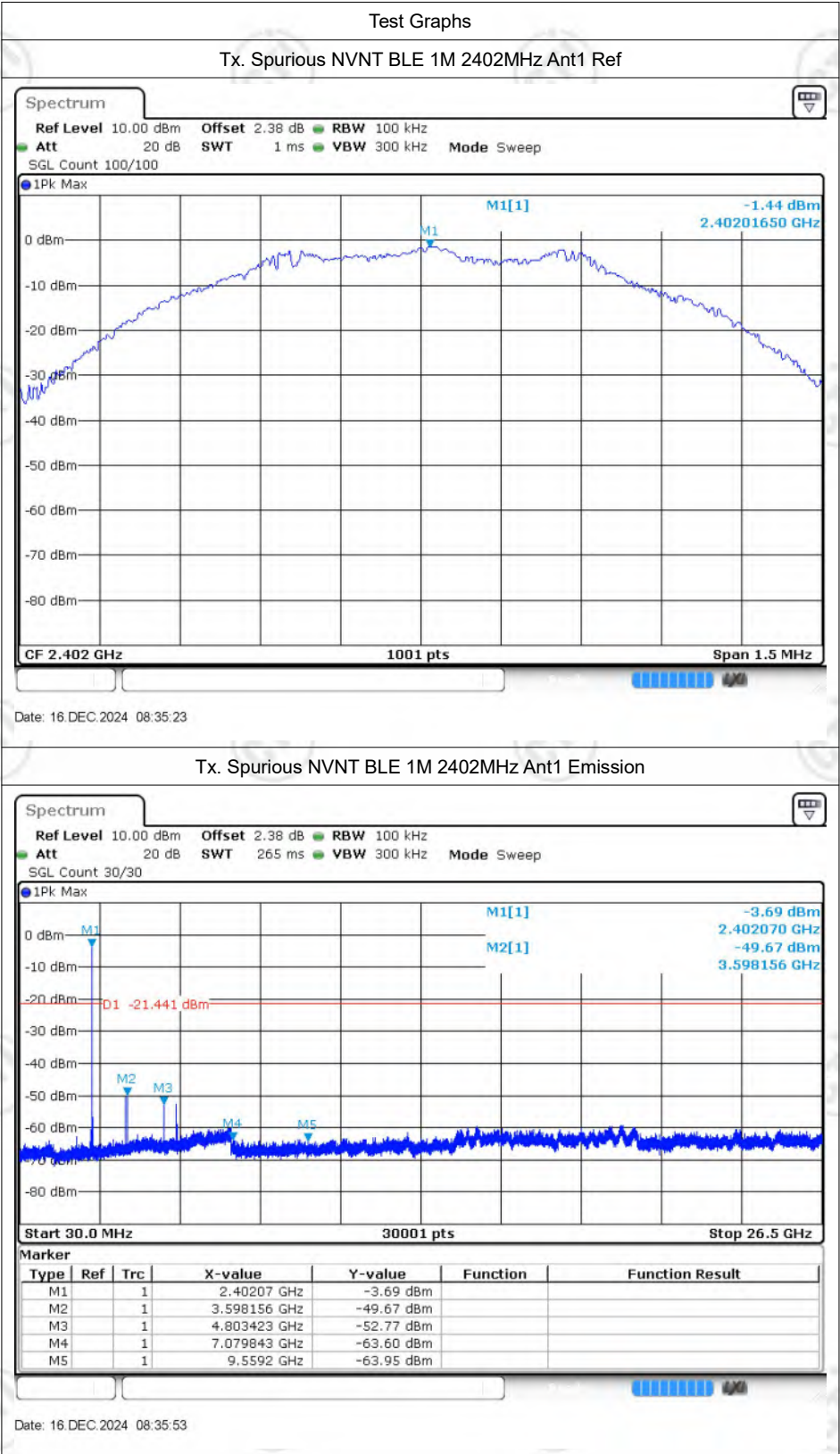
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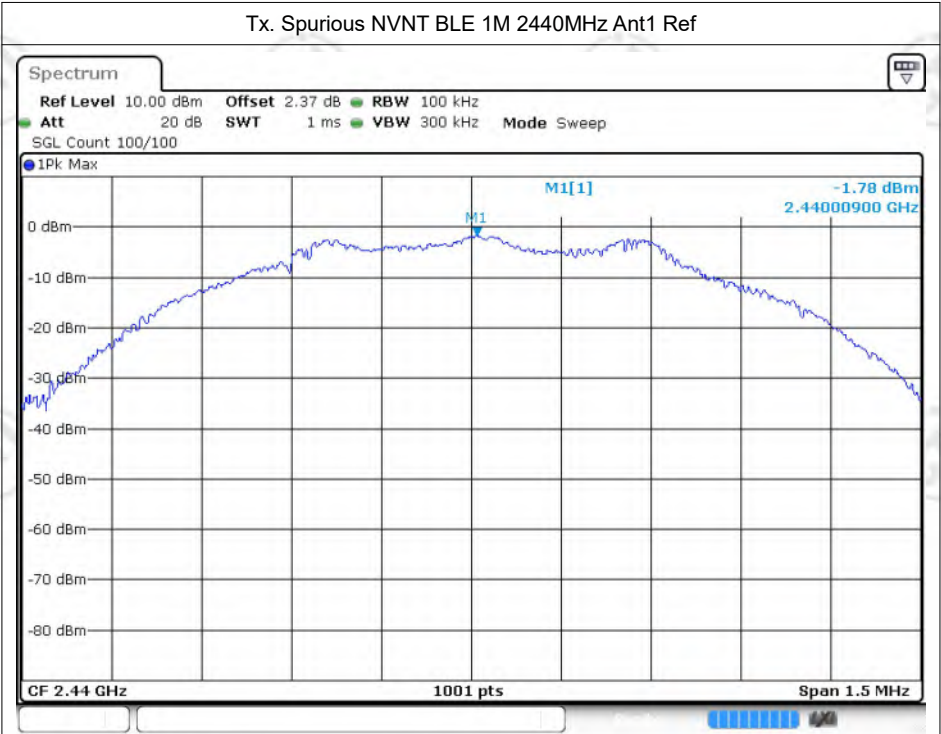


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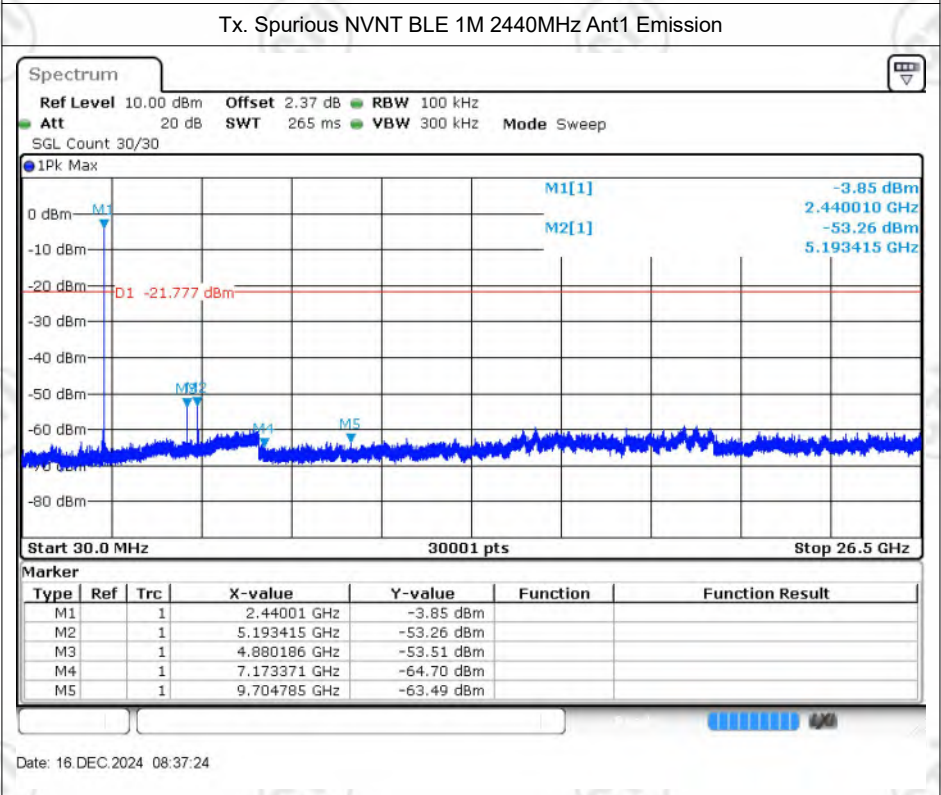
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.23	-20	Pass
NVNT	BLE 1M	2440	Ant1	-51.48	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.89	-20	Pass
NVNT	BLE 2M	2402	Ant1	-50.38	-20	Pass
NVNT	BLE 2M	2440	Ant1	-52.87	-20	Pass
NVNT	BLE 2M	2480	Ant1	-50.18	-20	Pass

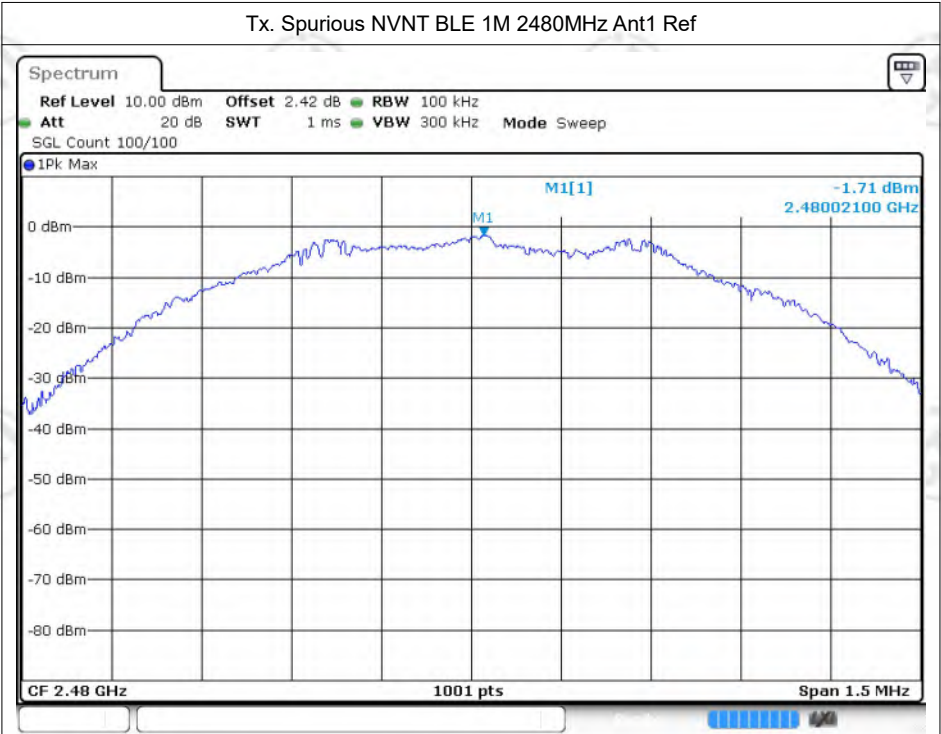




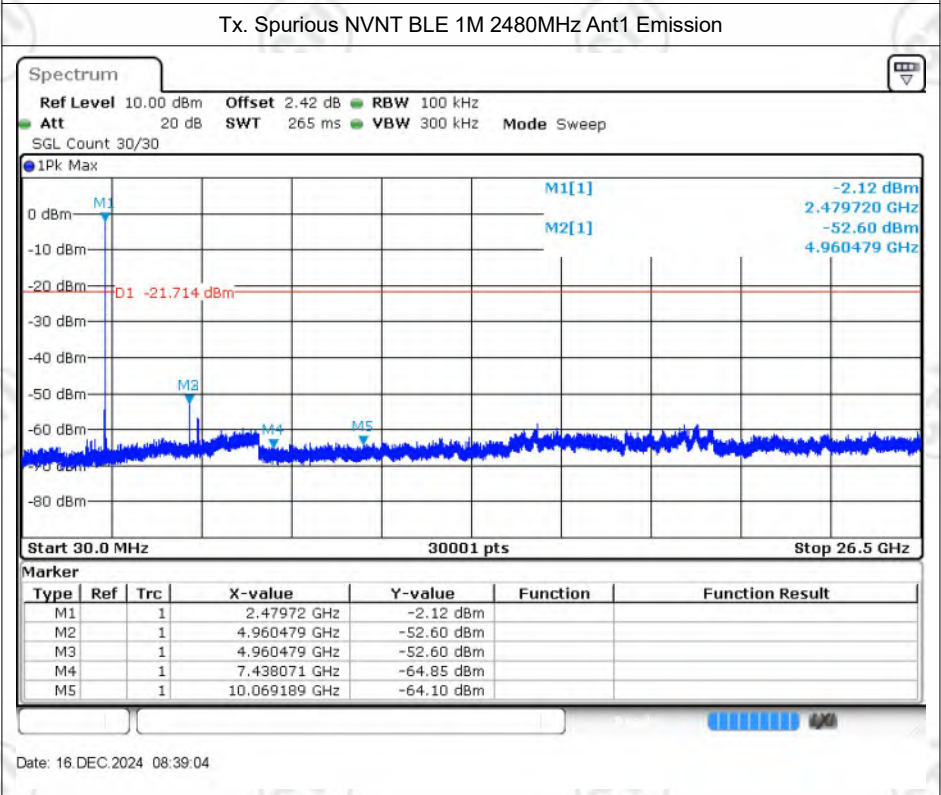
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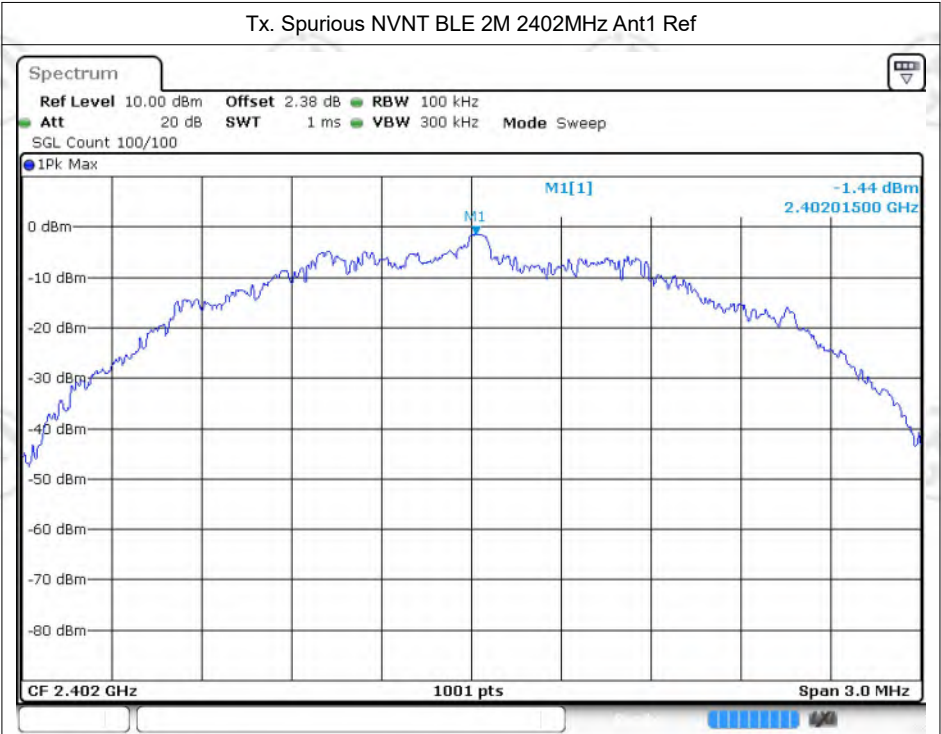
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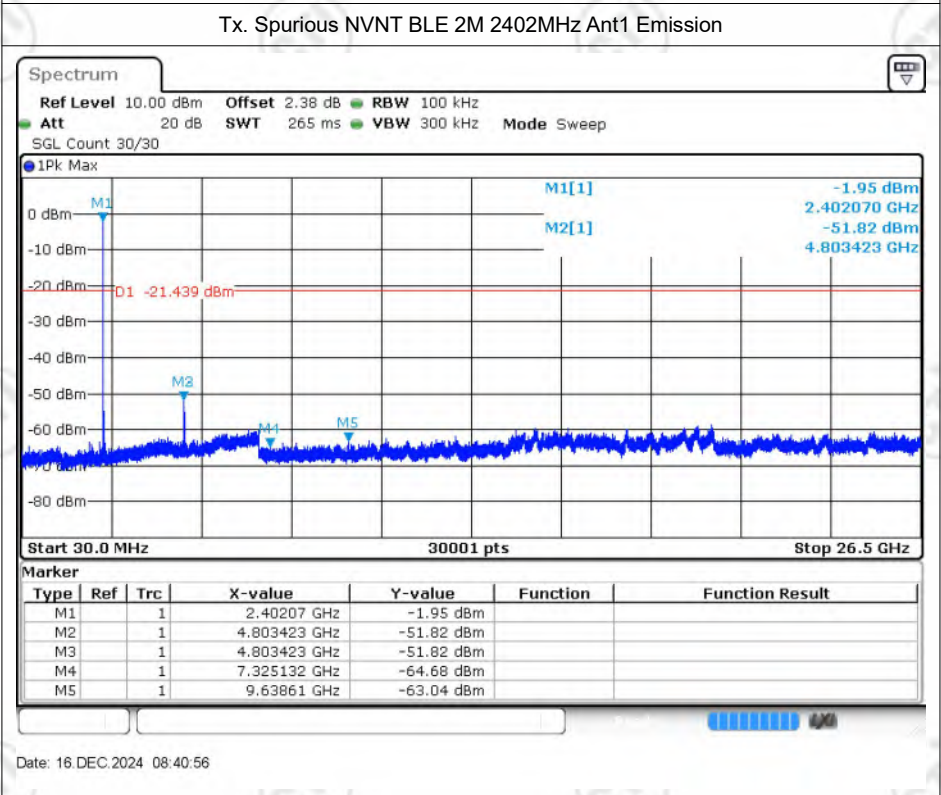
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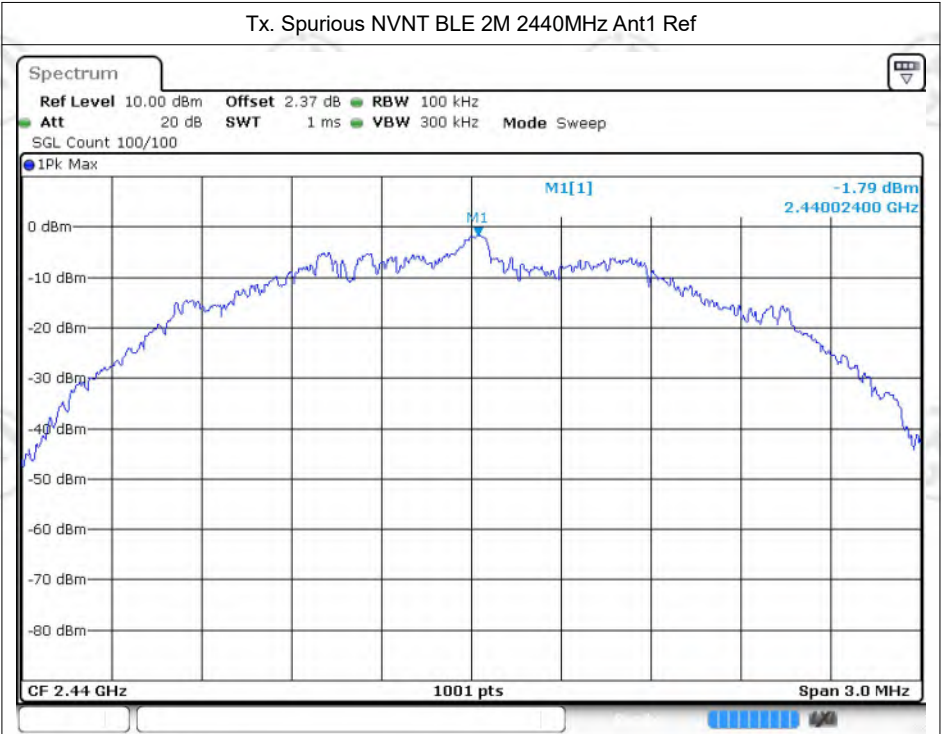


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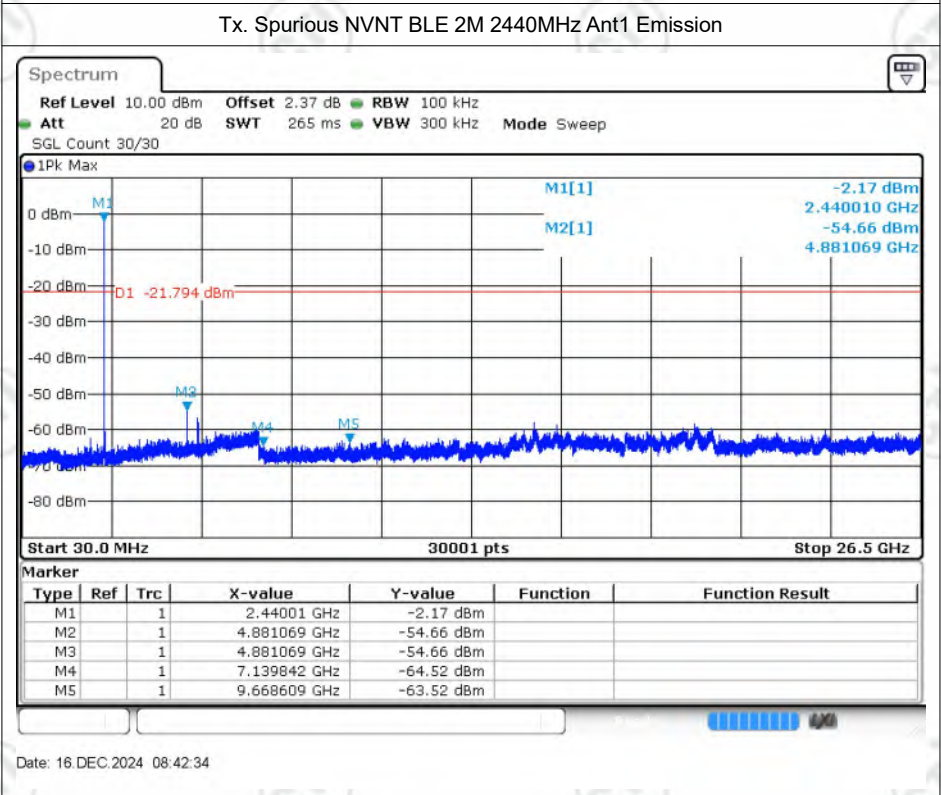


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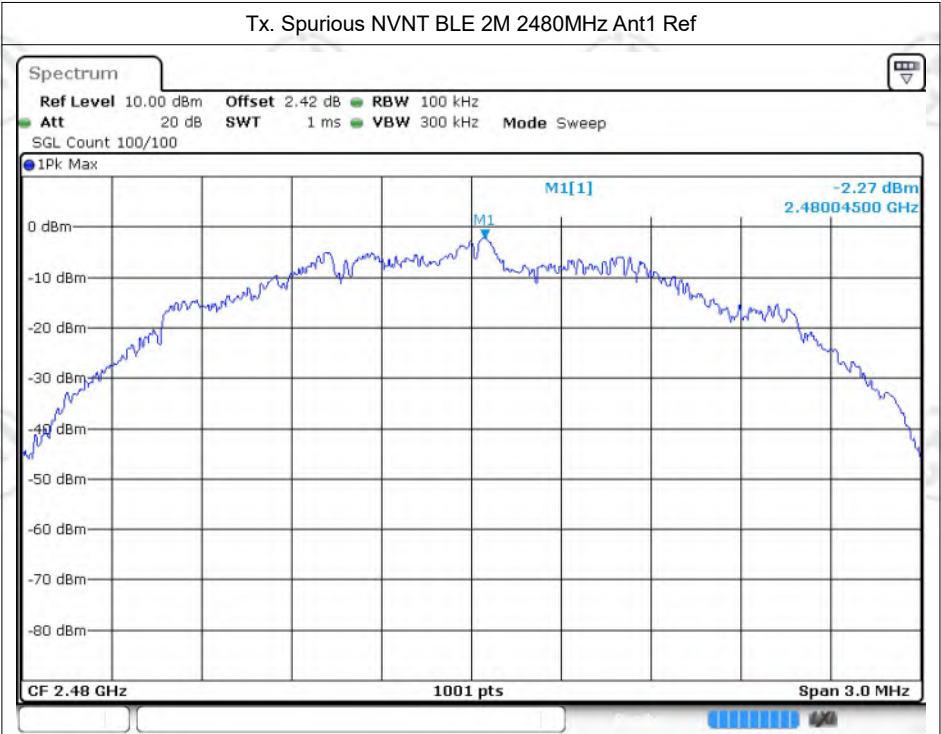




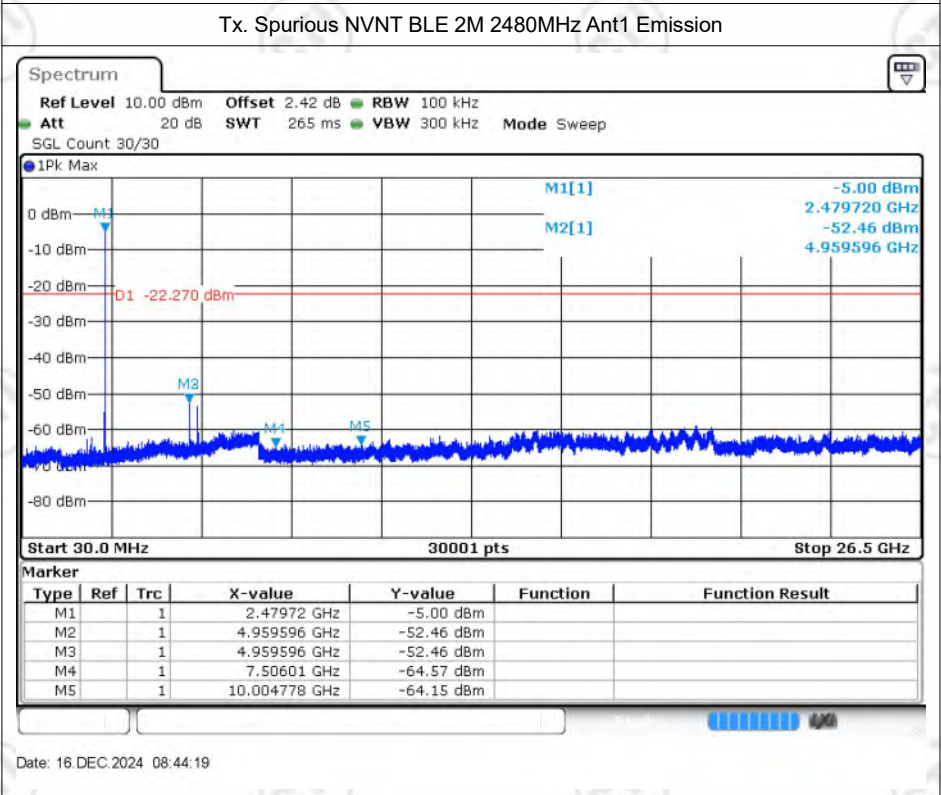
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END OF REPORT