

Appendix: Bluetooth LE

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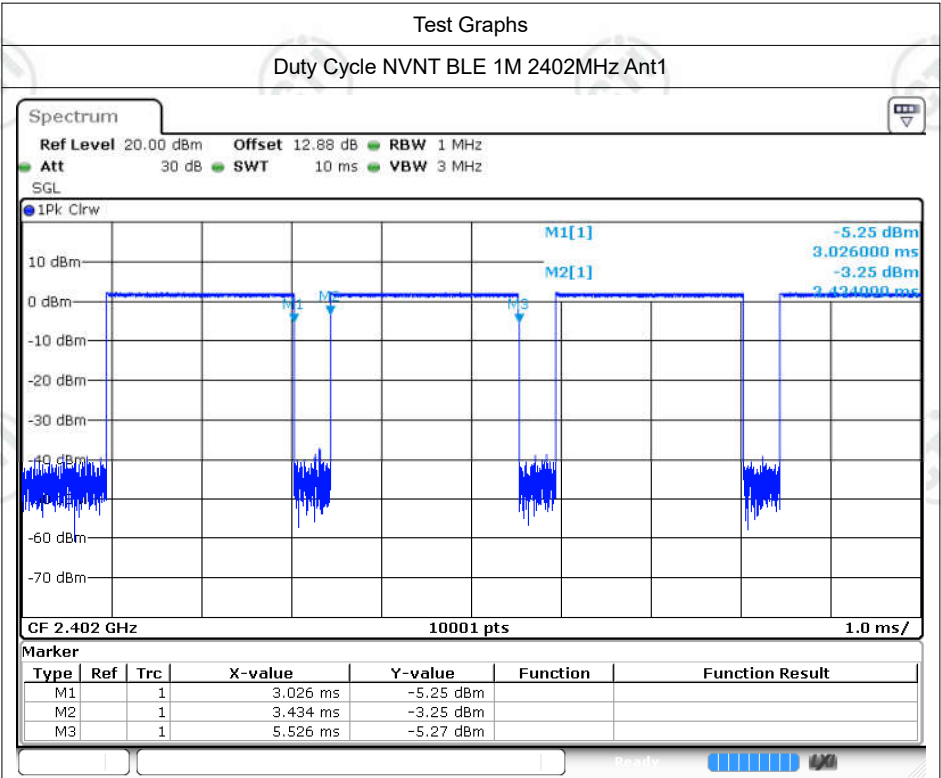
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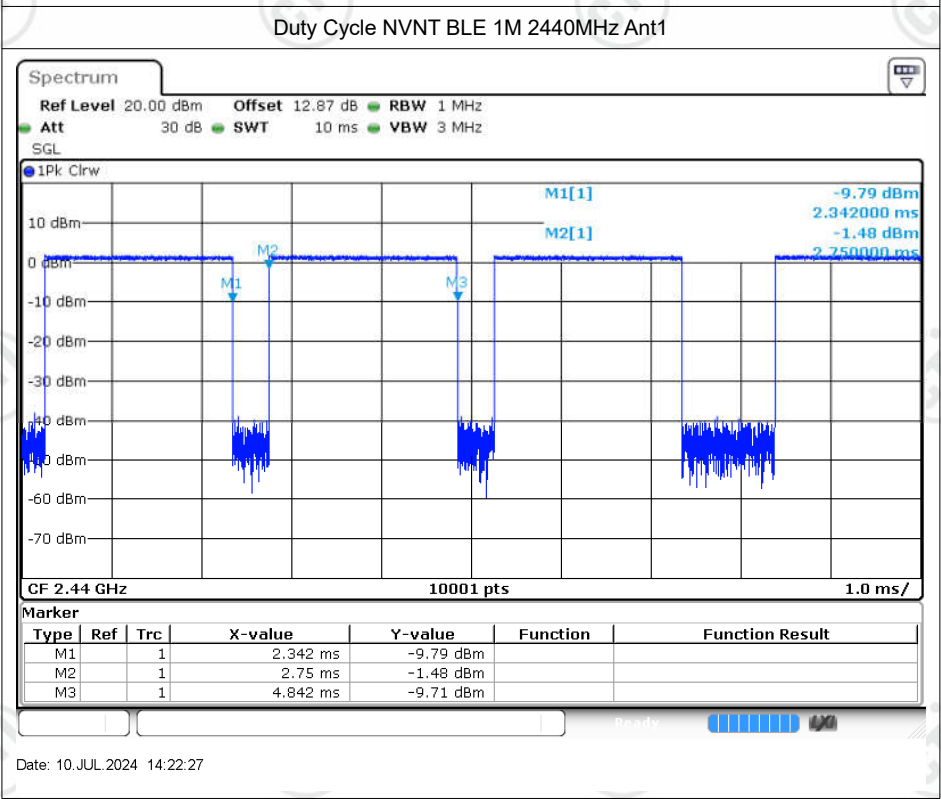
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Duty Cycle

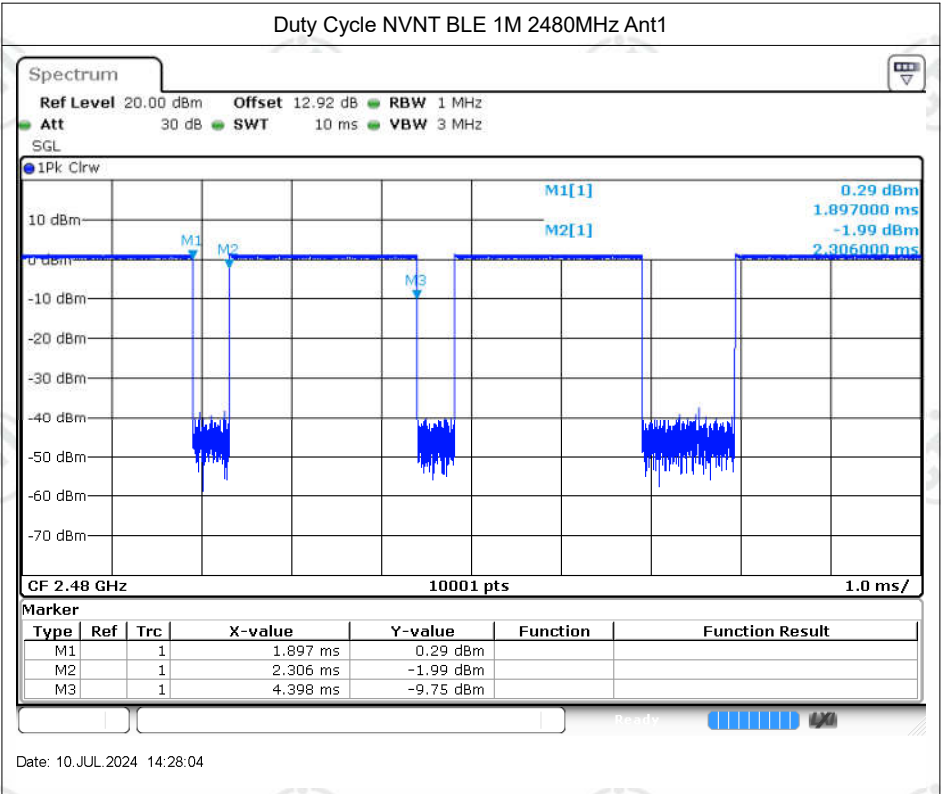
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	83.68	0.77	0.48
NVNT	BLE 1M	2440	Ant1	83.68	0.77	0.48
NVNT	BLE 1M	2480	Ant1	83.65	0.78	0.48



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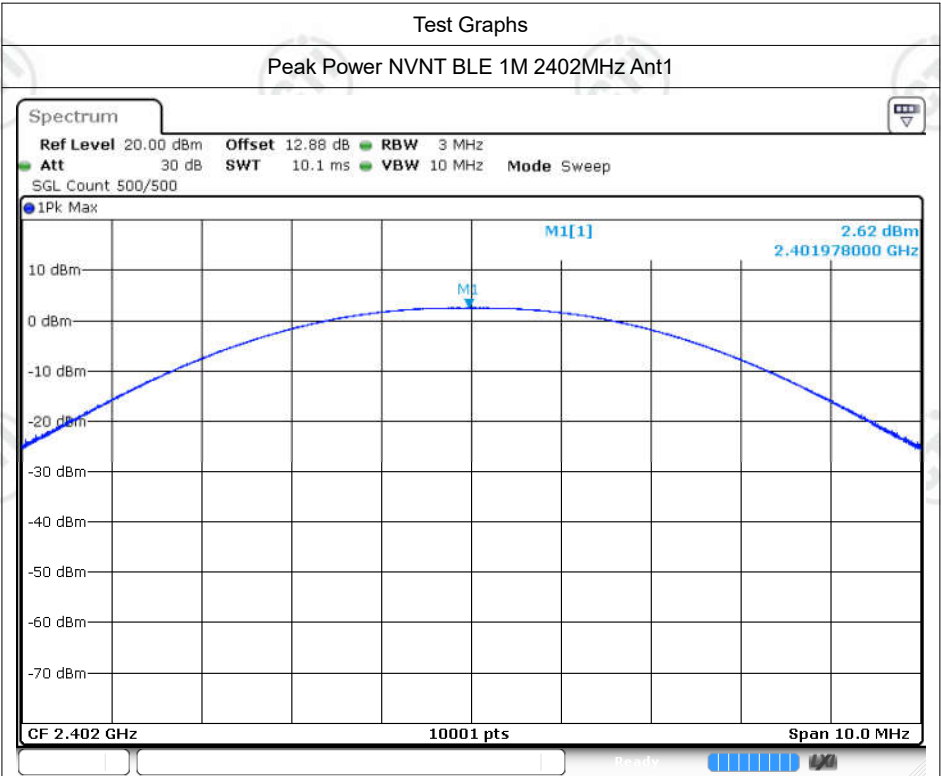


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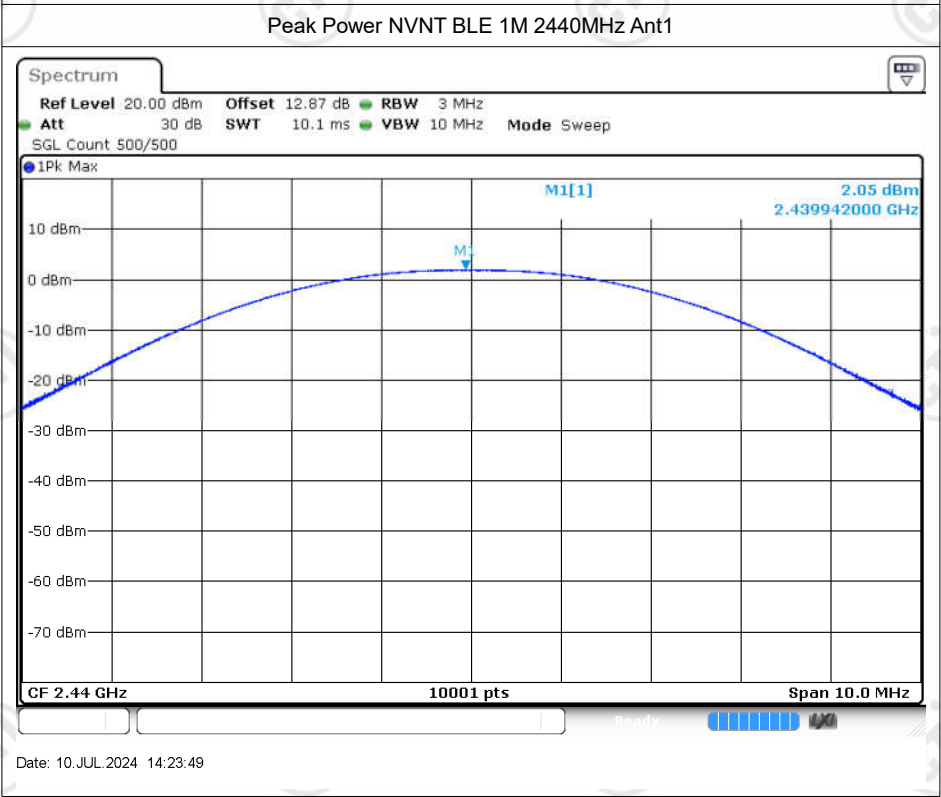


Maximum Peak Conducted Output Power

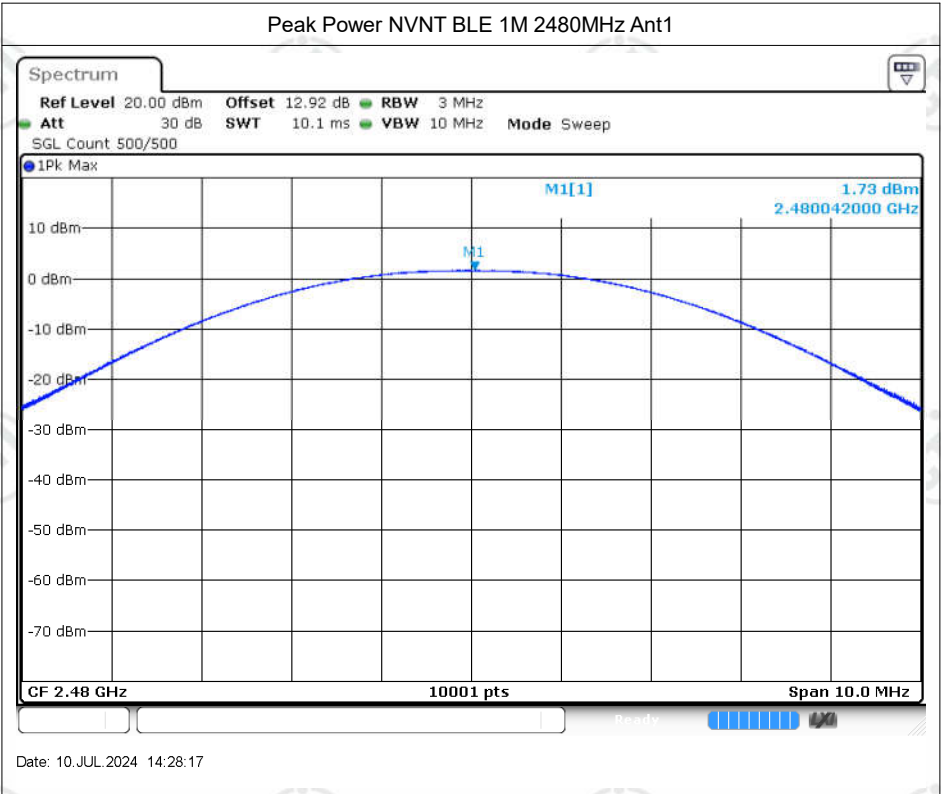
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.62	0	2.62	30	Pass
NVNT	BLE 1M	2440	Ant1	2.05	0	2.05	30	Pass
NVNT	BLE 1M	2480	Ant1	1.73	0	1.73	30	Pass



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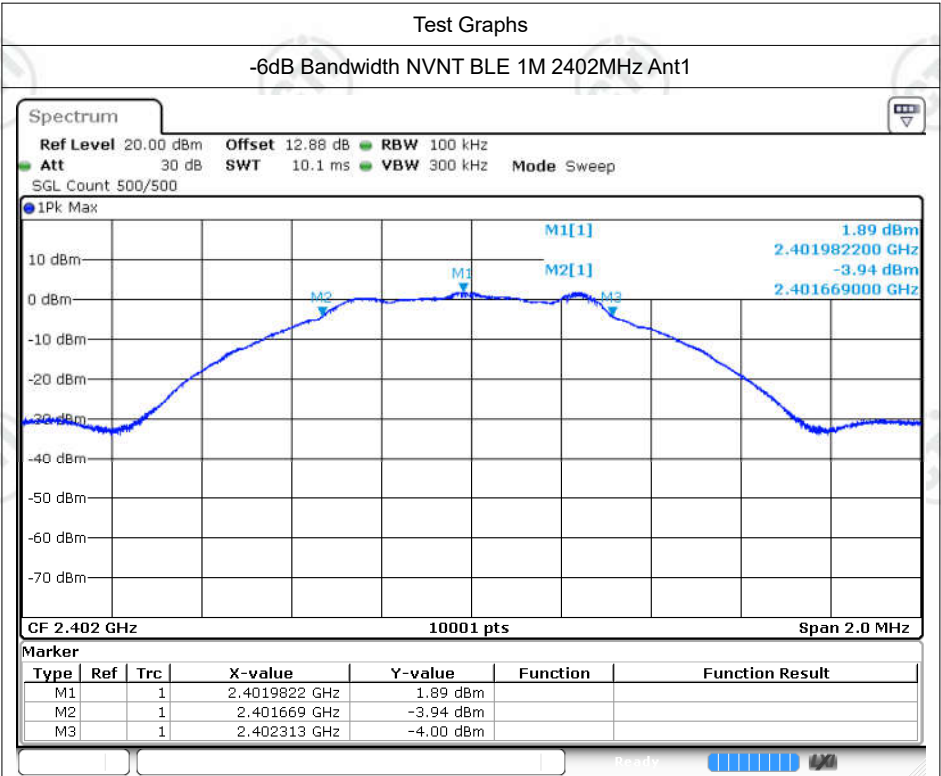


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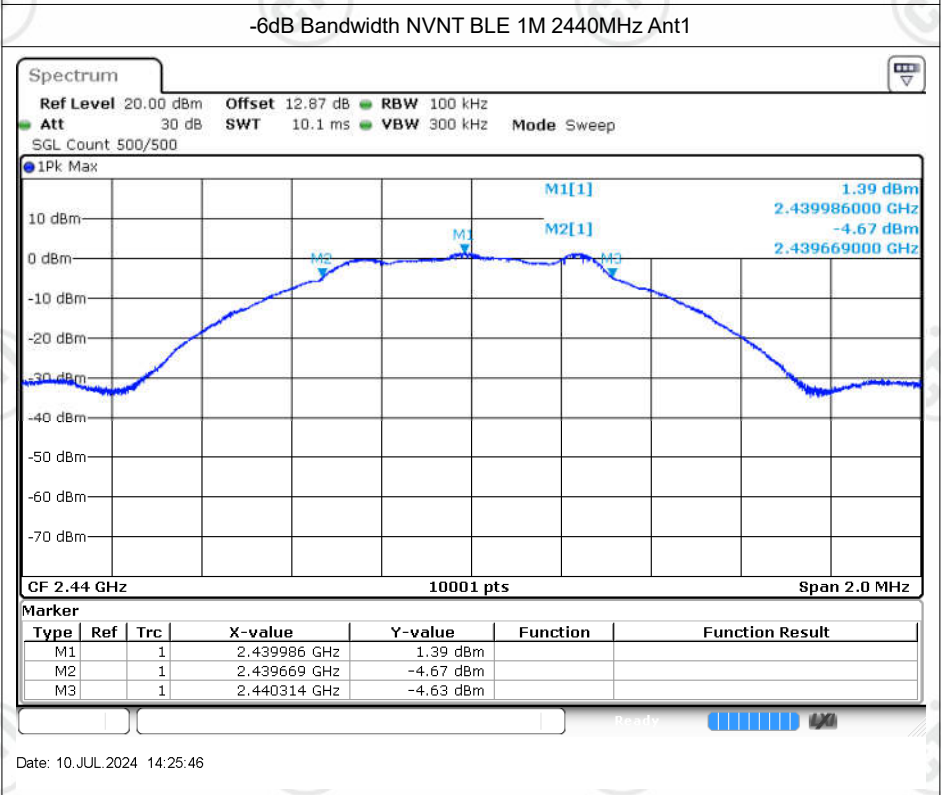


-6dB Bandwidth

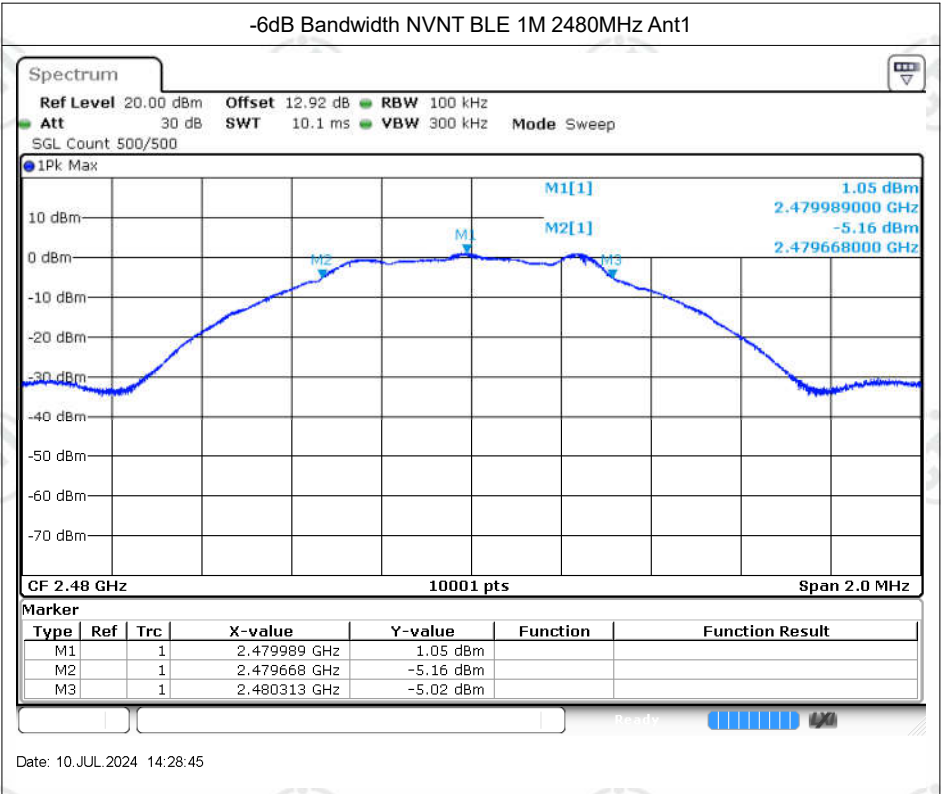
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.644	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.645	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.645	0.5	Pass



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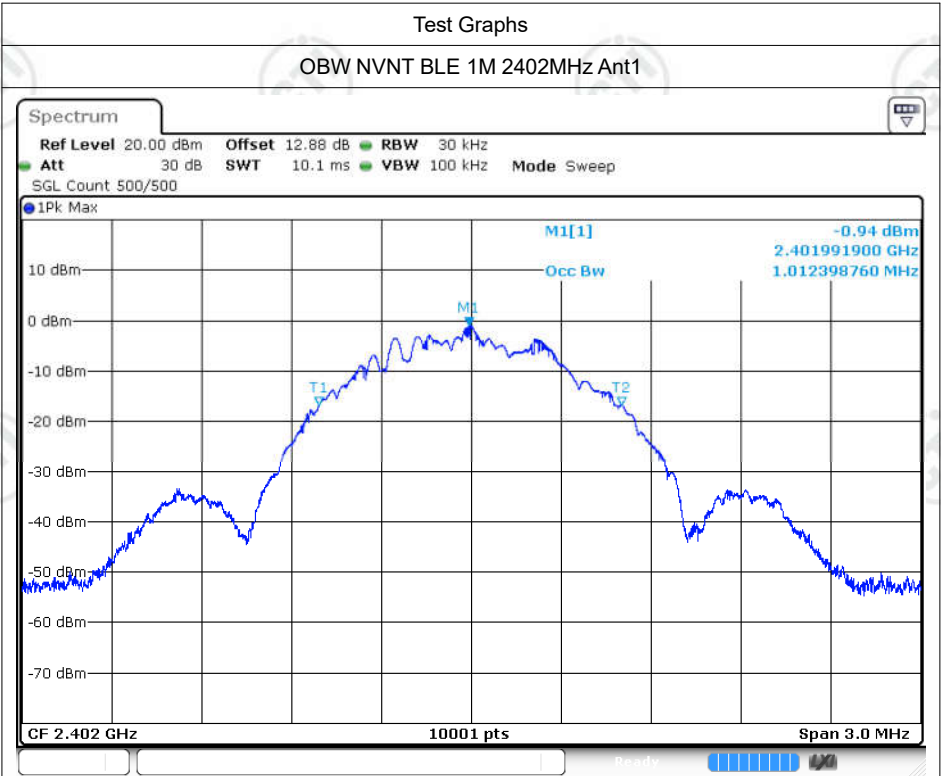


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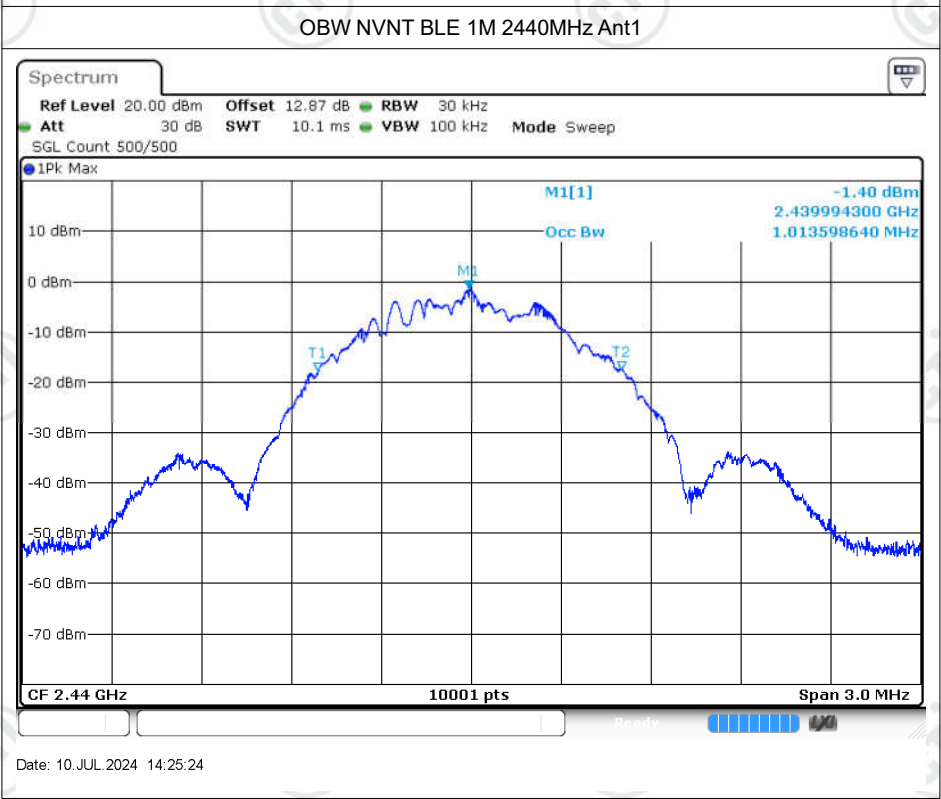


Occupied Channel Bandwidth

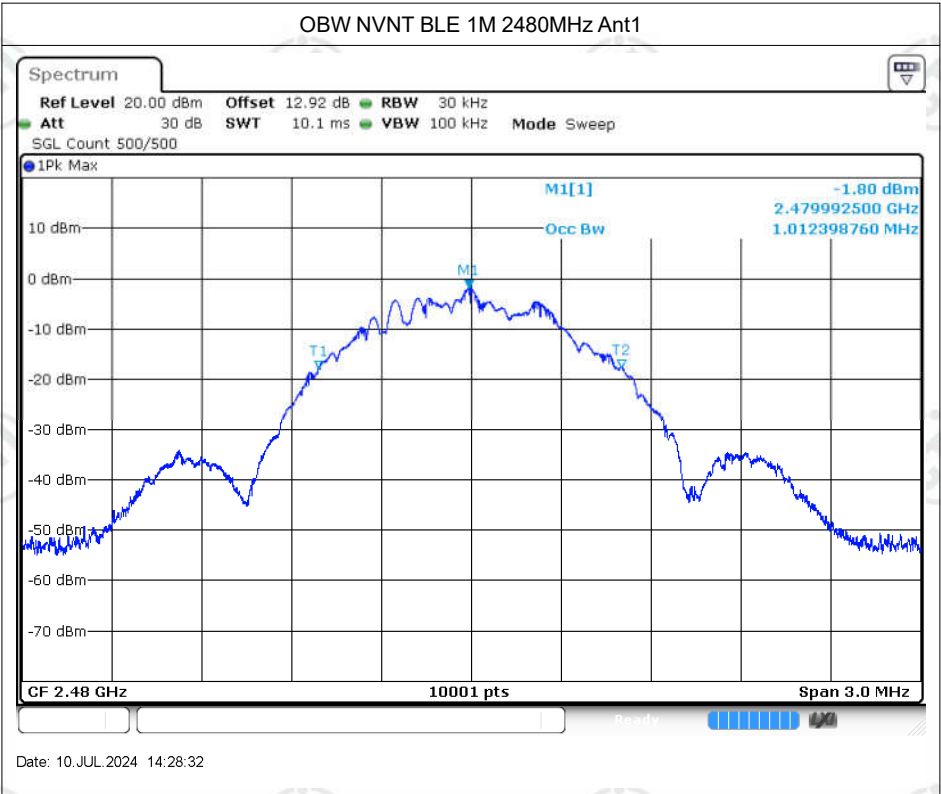
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.012
NVNT	BLE 1M	2440	Ant1	1.014
NVNT	BLE 1M	2480	Ant1	1.012



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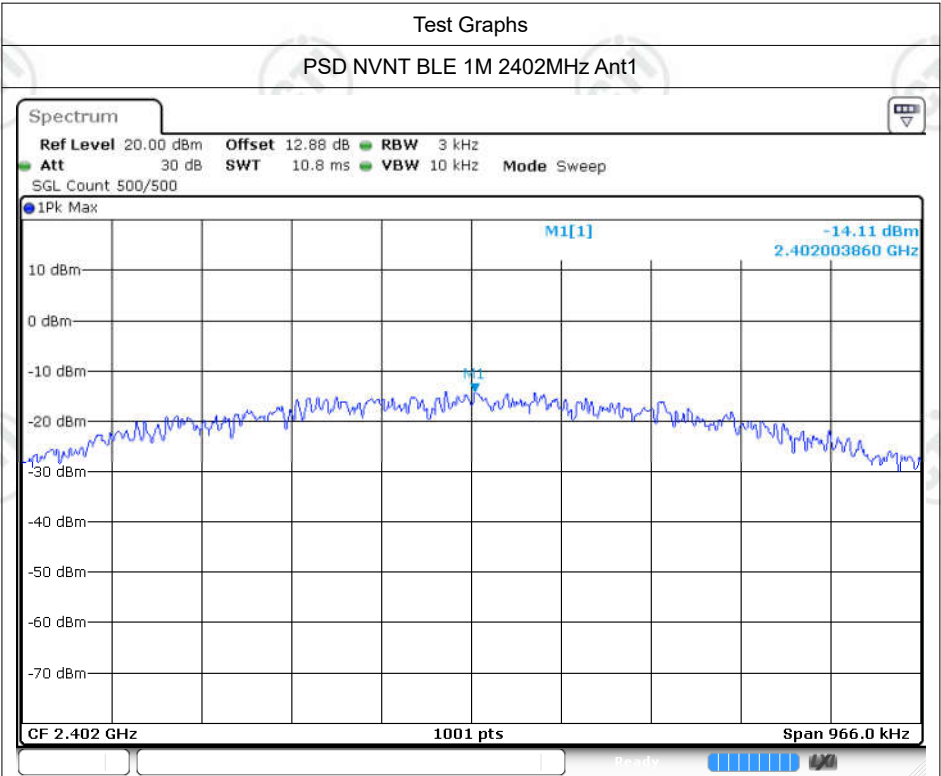


Date: 10.JUL.2024 14:25:24

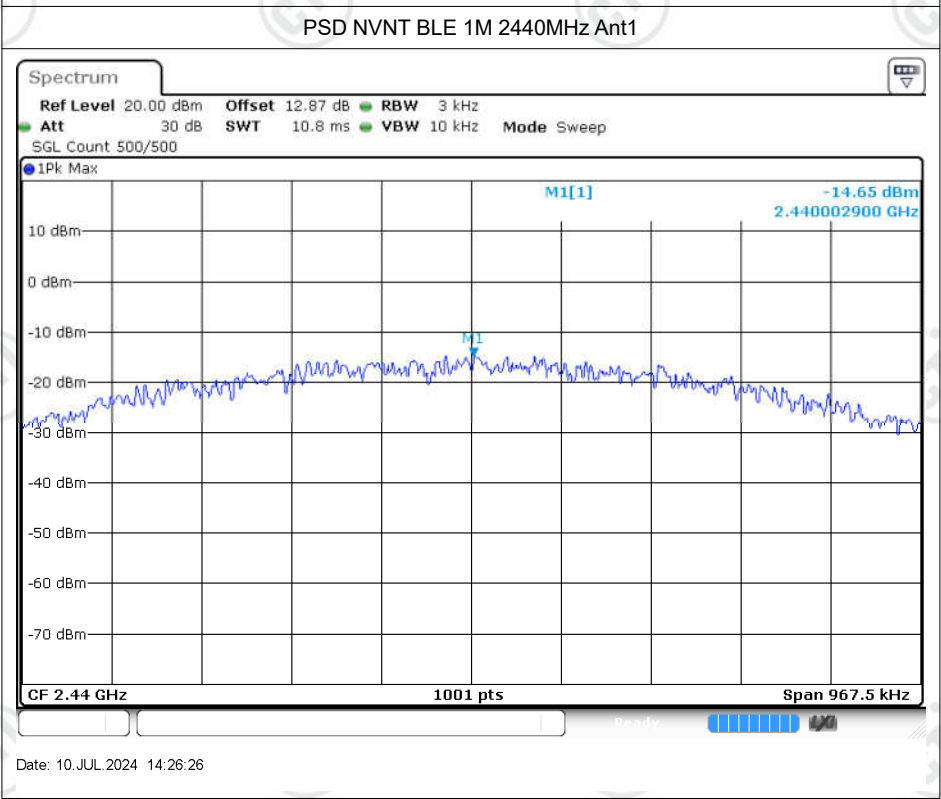


Maximum Power Spectral Density Level

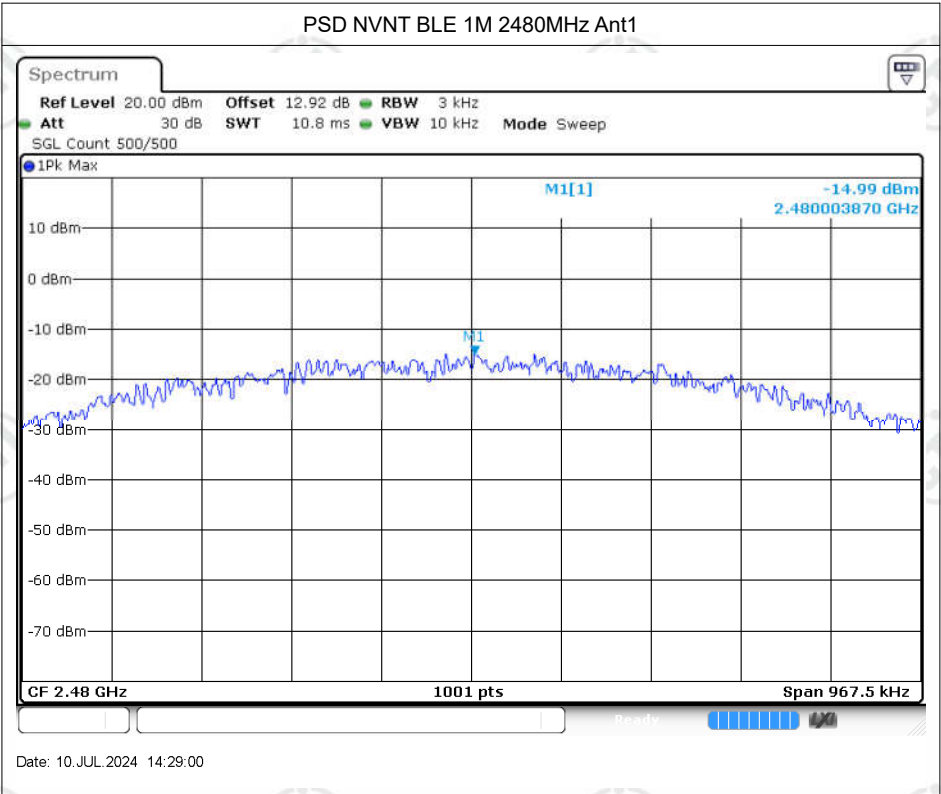
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-14.11	0	-14.11	8	Pass
NVNT	BLE 1M	2440	Ant1	-14.65	0	-14.65	8	Pass
NVNT	BLE 1M	2480	Ant1	-14.99	0	-14.99	8	Pass



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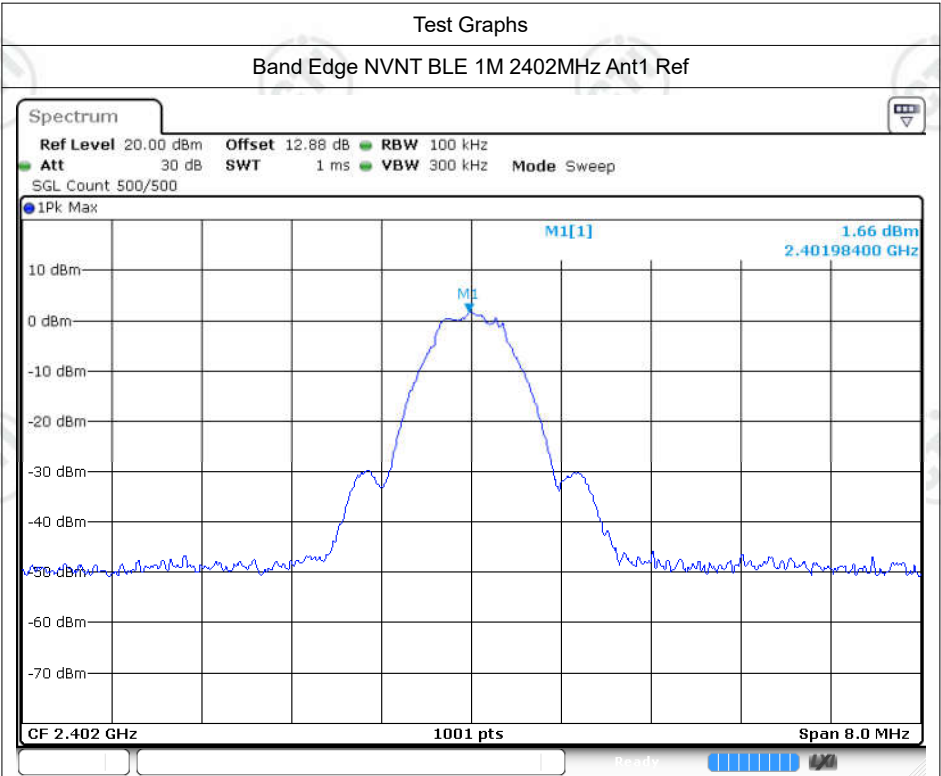


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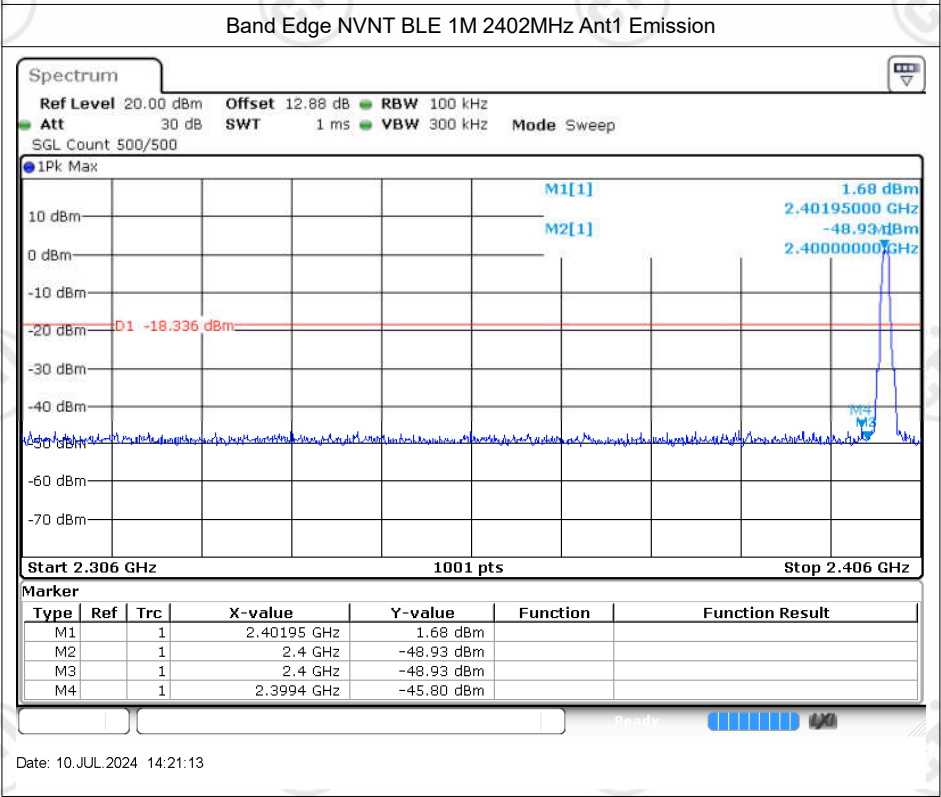


Band Edge

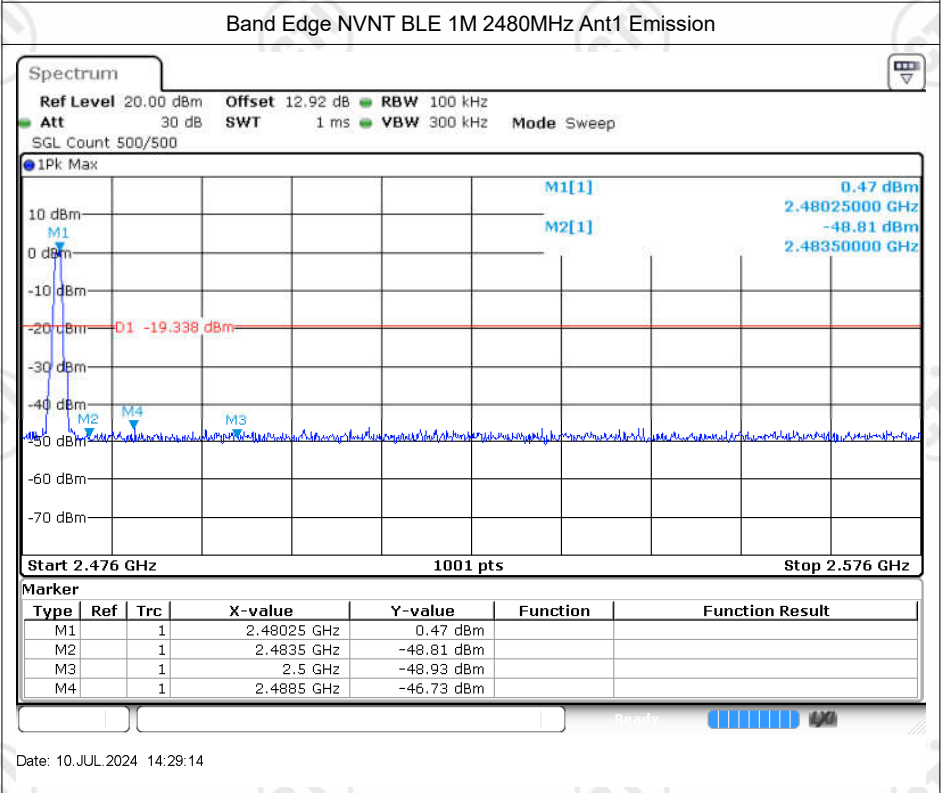
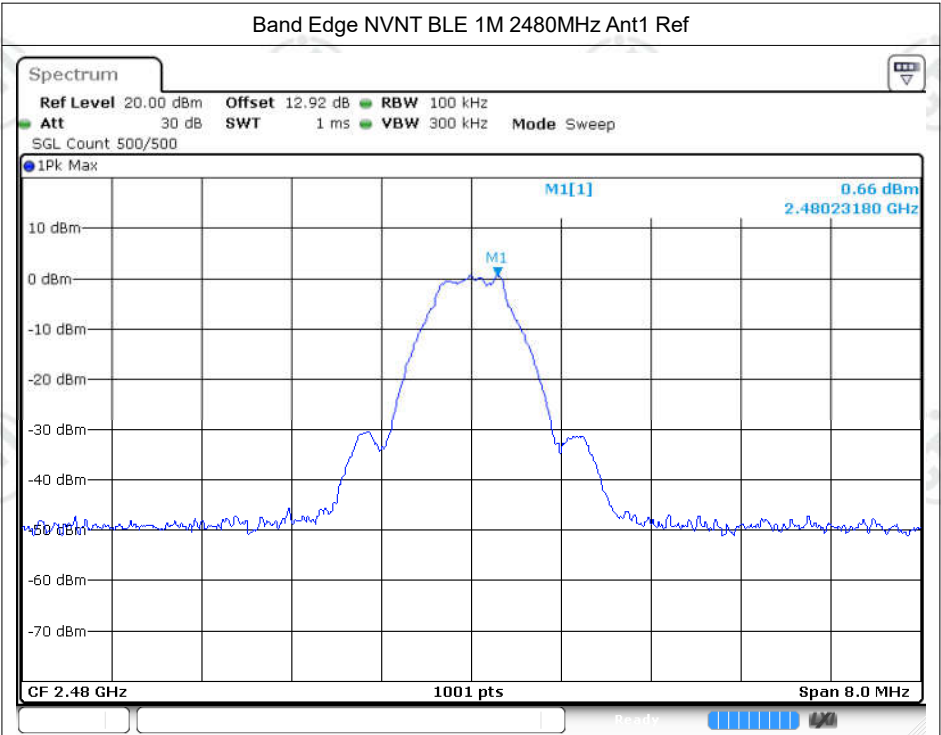
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.46	-20	Pass
NVNT	BLE 1M	2480	Ant1	-47.39	-20	Pass



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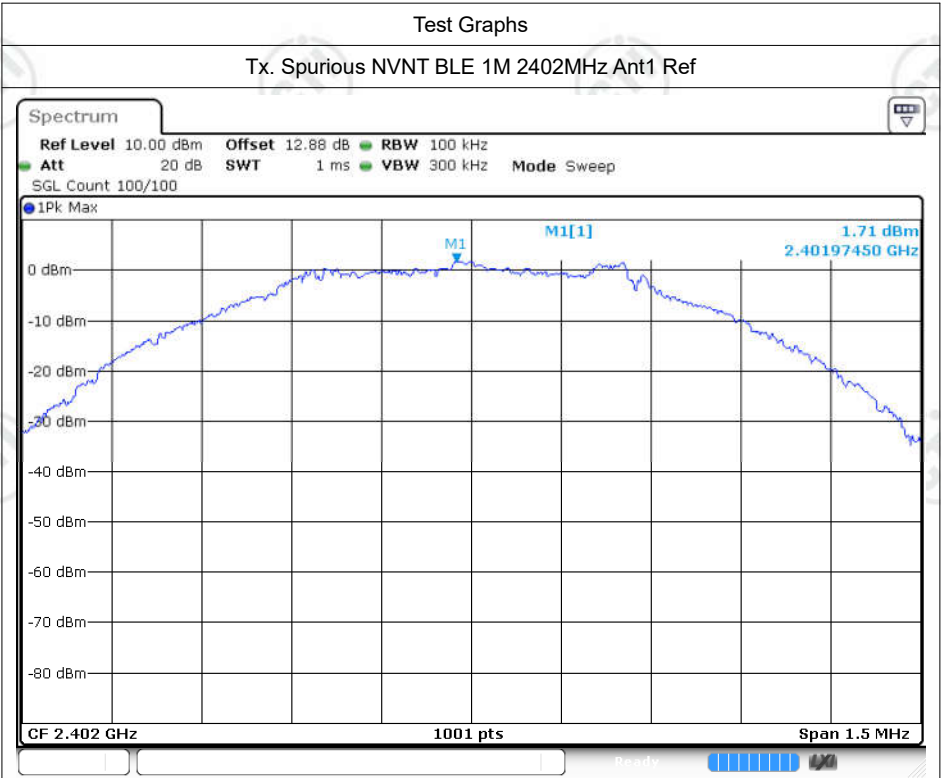


Date: 10.JUL.2024 14:21:13

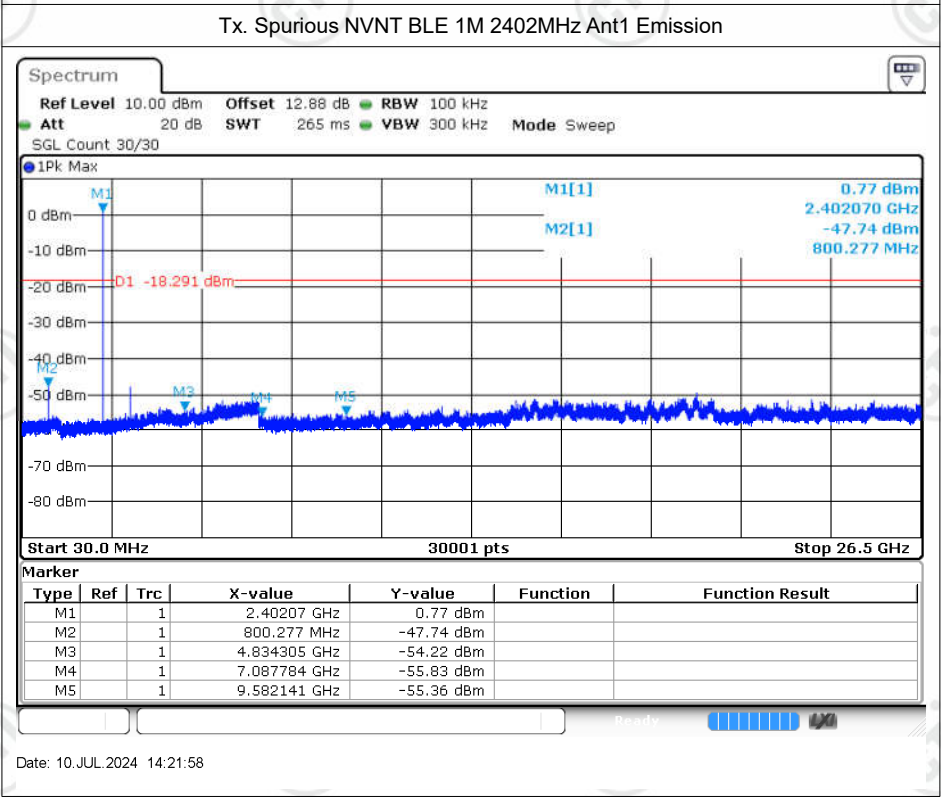


Conducted RF Spurious Emission

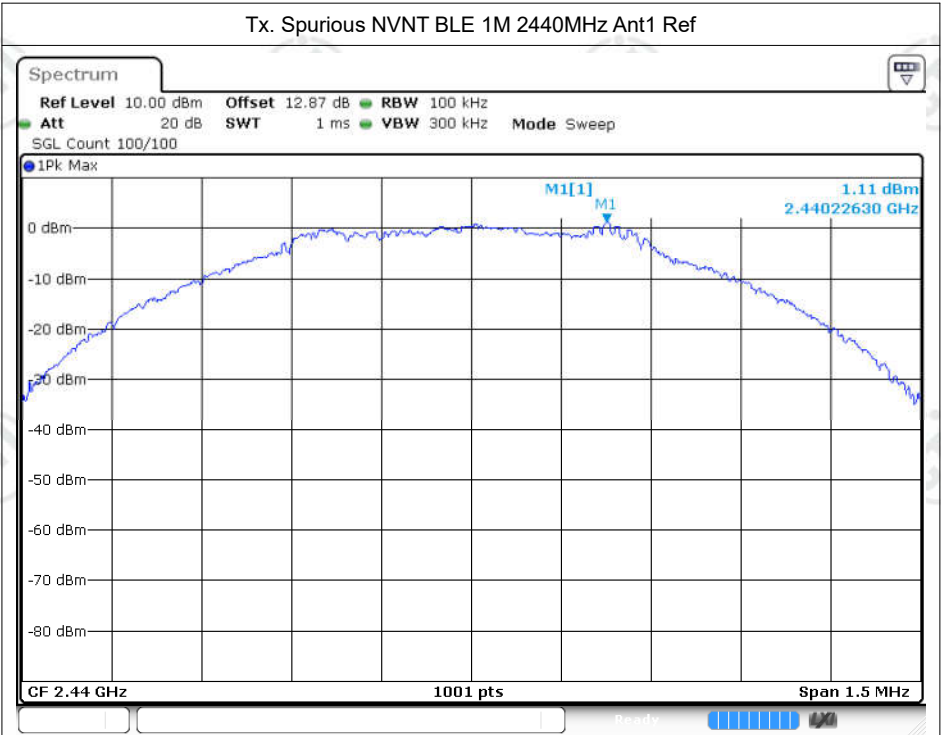
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-49.45	-20	Pass
NVNT	BLE 1M	2440	Ant1	-48.86	-20	Pass
NVNT	BLE 1M	2480	Ant1	-47.55	-20	Pass



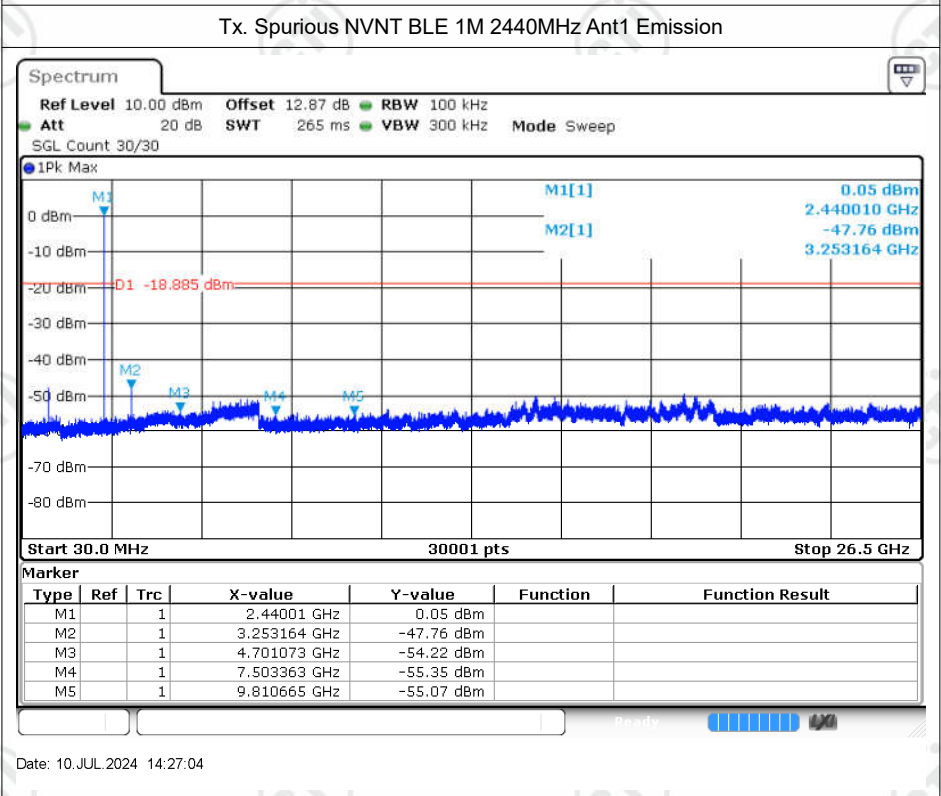
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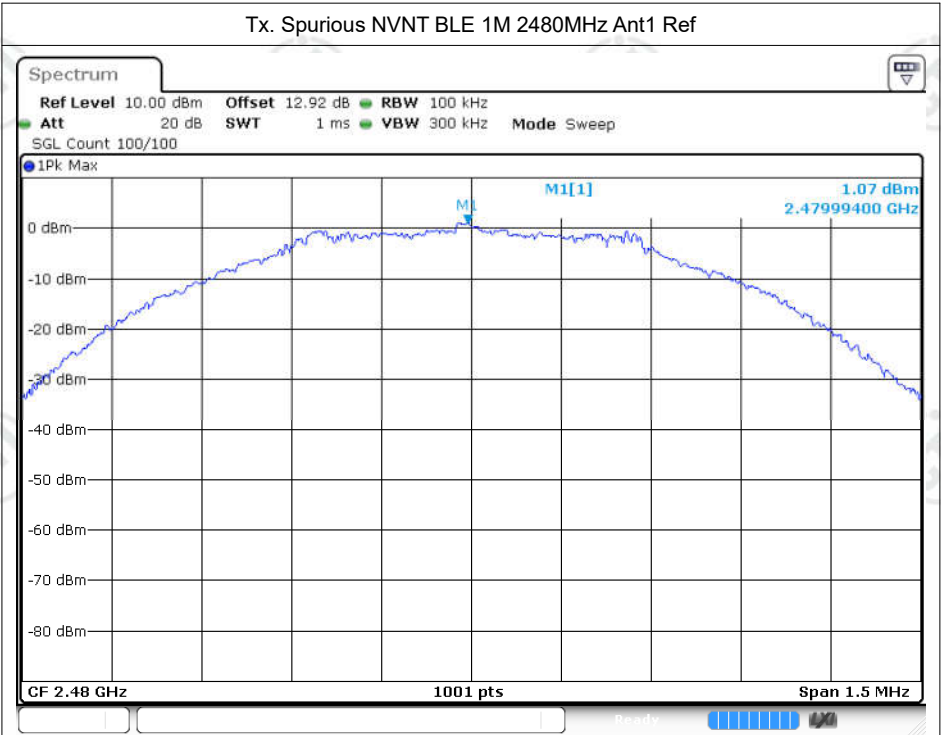
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Date: 10. JUL. 2024 14:26:35



Date: 10. JUL. 2024 14:27:04



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