

Appendix: Bluetooth LE

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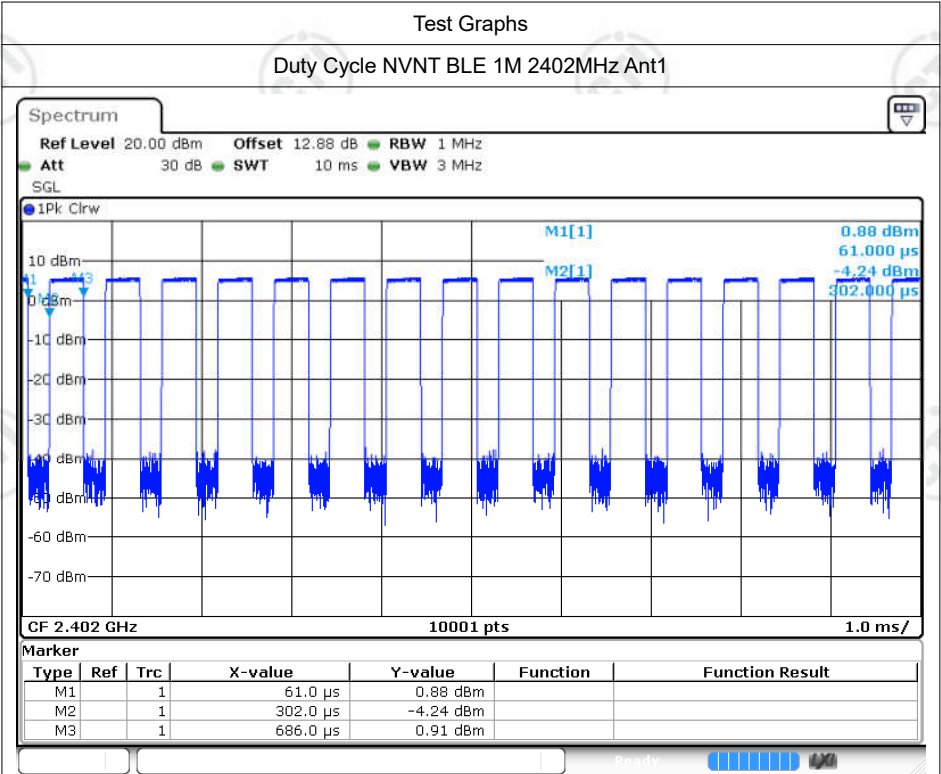
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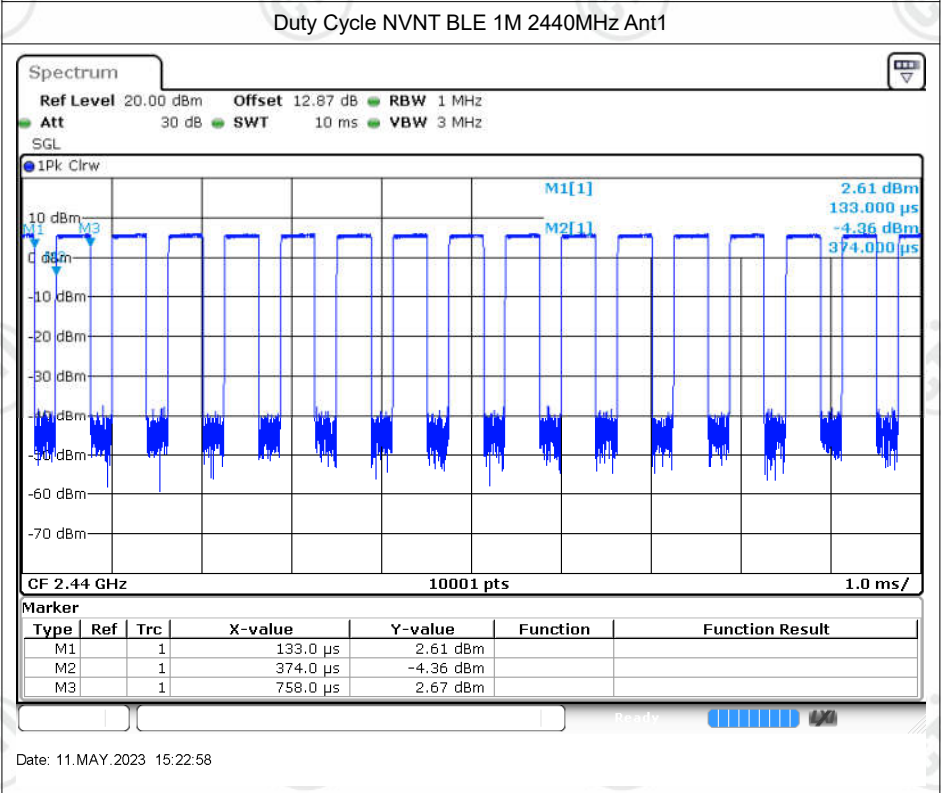
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Duty Cycle

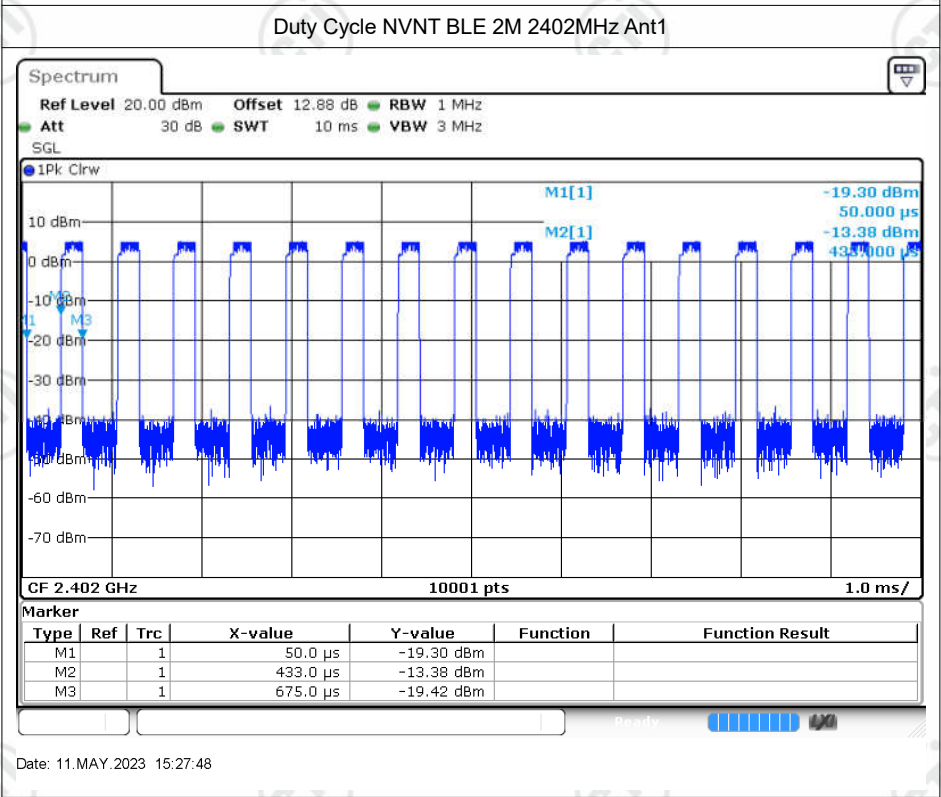
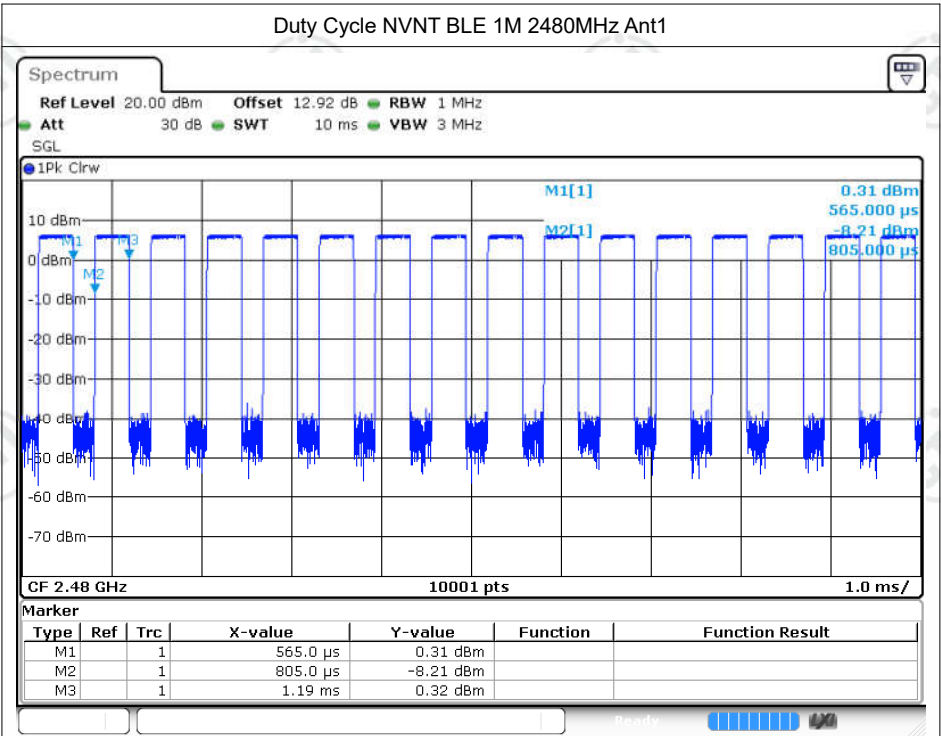
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	61.44	2.12	2.6
NVNT	BLE 1M	2440	Ant1	61.44	2.12	2.6
NVNT	BLE 1M	2480	Ant1	61.6	2.1	2.6
NVNT	BLE 2M	2402	Ant1	38.72	4.12	4.13
NVNT	BLE 2M	2440	Ant1	38.72	4.12	4.13
NVNT	BLE 2M	2480	Ant1	38.72	4.12	4.13

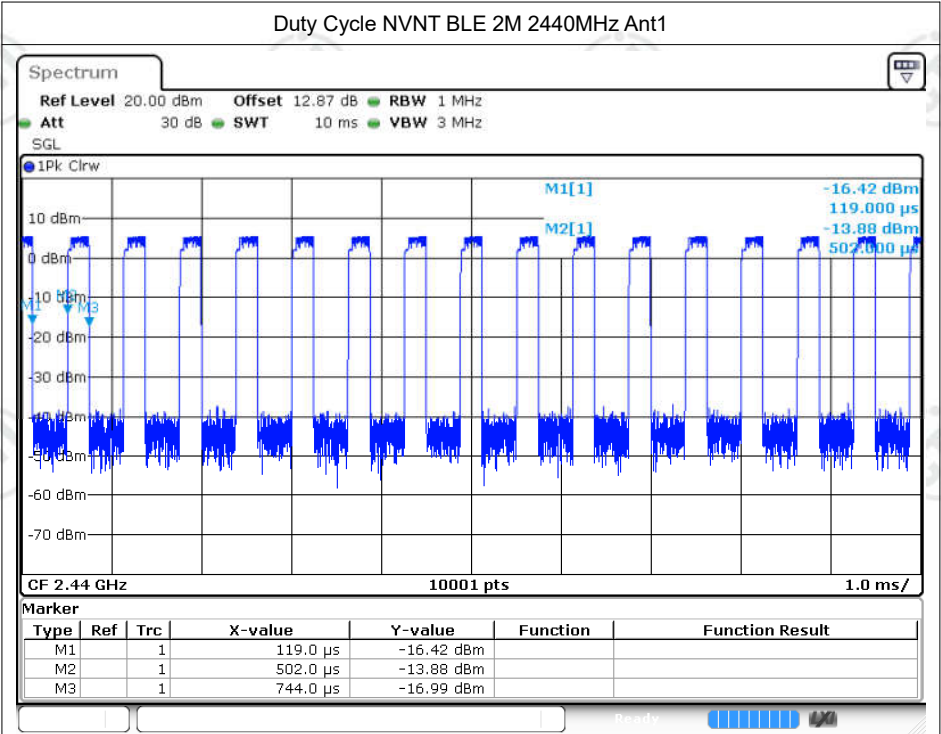


Date: 11.MAY.2023 15:21:12

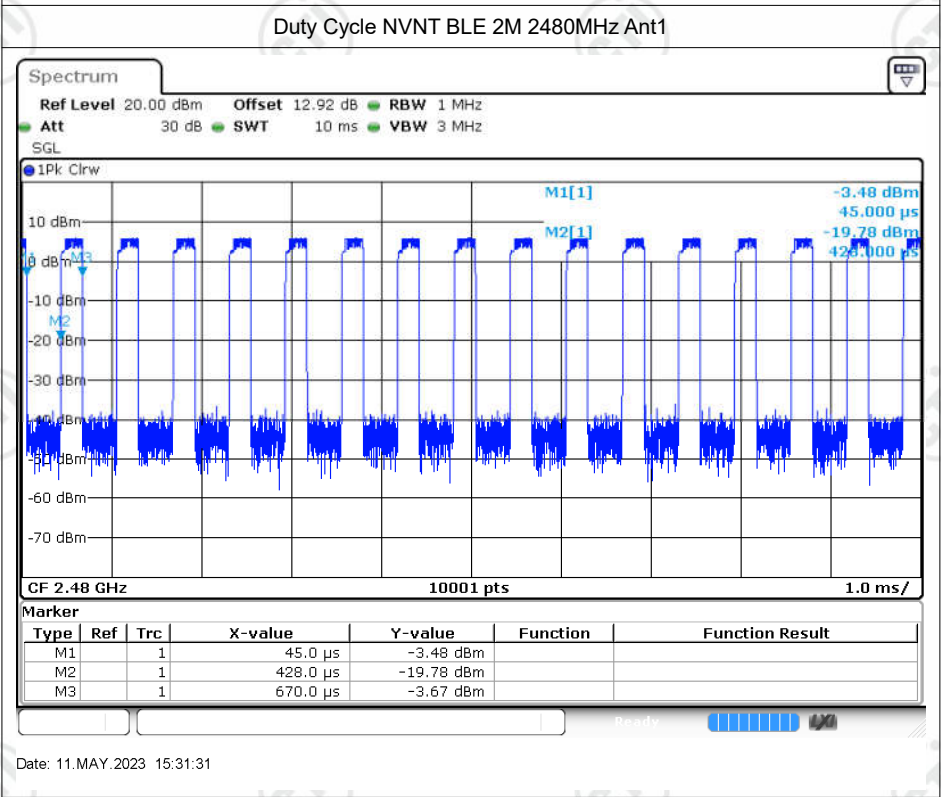


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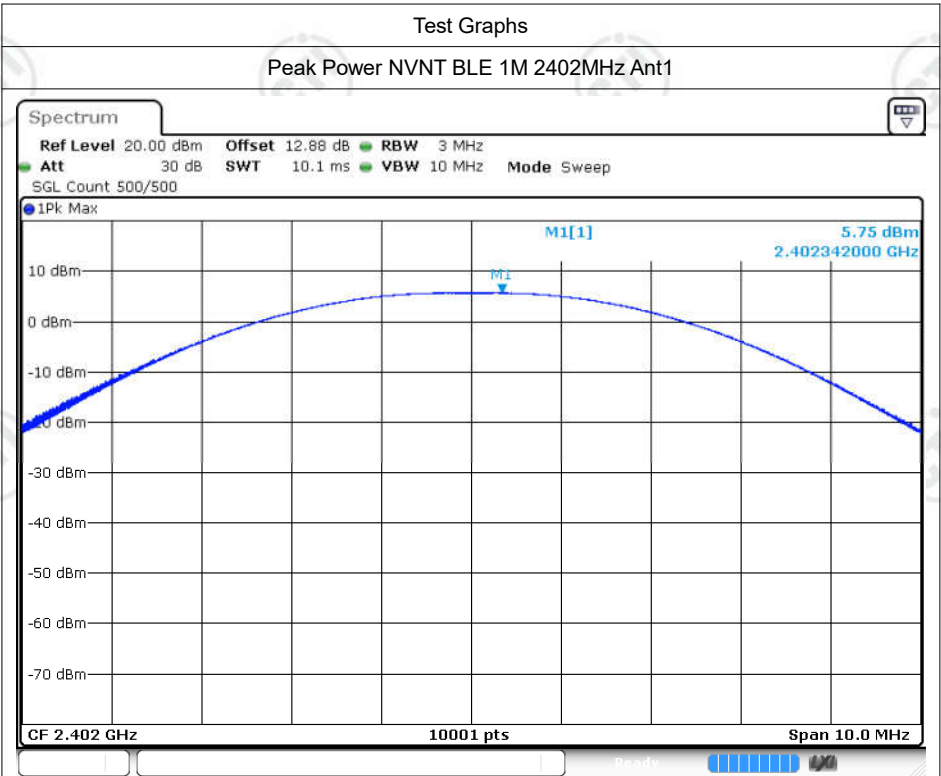
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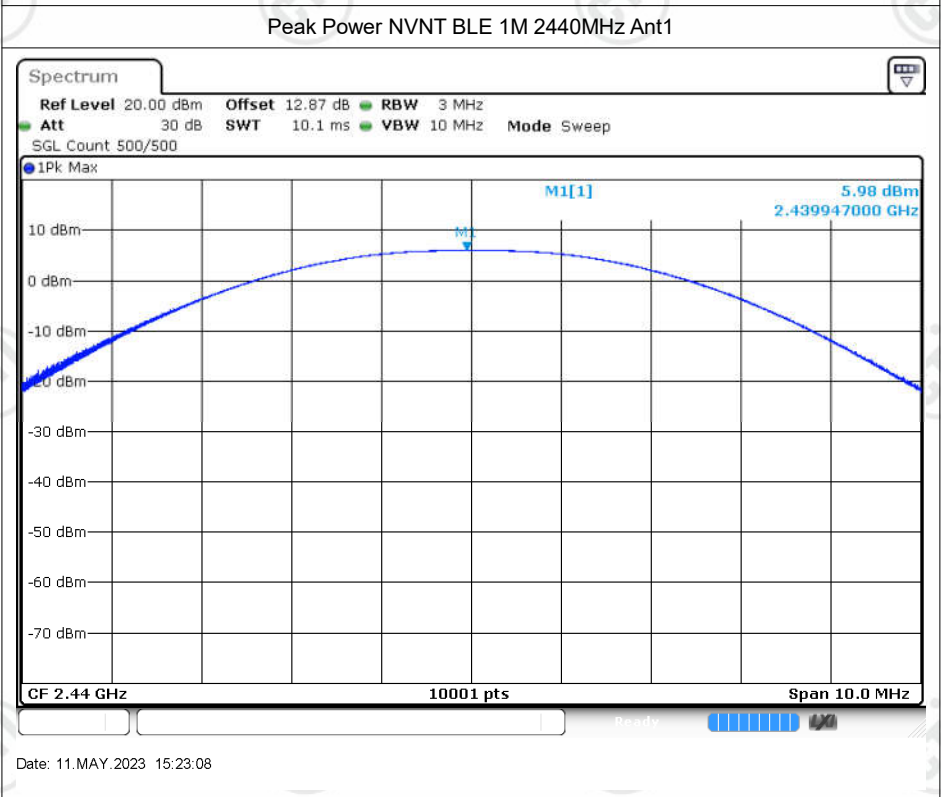
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Maximum Peak Conducted Output Power

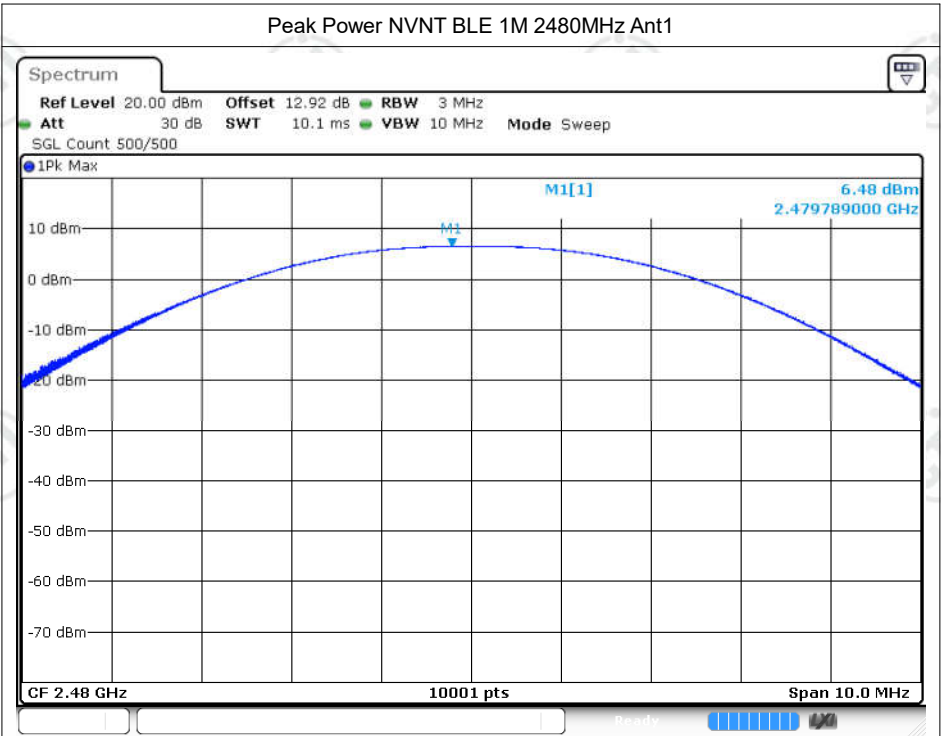
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	5.75	30	Pass
NVNT	BLE 1M	2440	Ant1	5.98	30	Pass
NVNT	BLE 1M	2480	Ant1	6.48	30	Pass
NVNT	BLE 2M	2402	Ant1	5.67	30	Pass
NVNT	BLE 2M	2440	Ant1	5.98	30	Pass
NVNT	BLE 2M	2480	Ant1	6.46	30	Pass



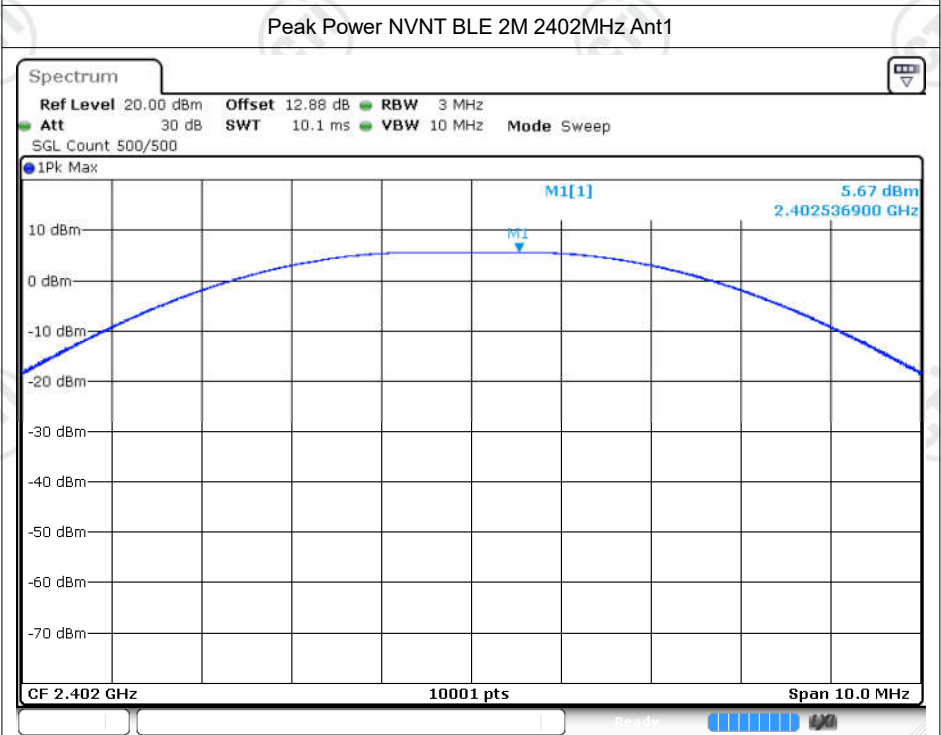
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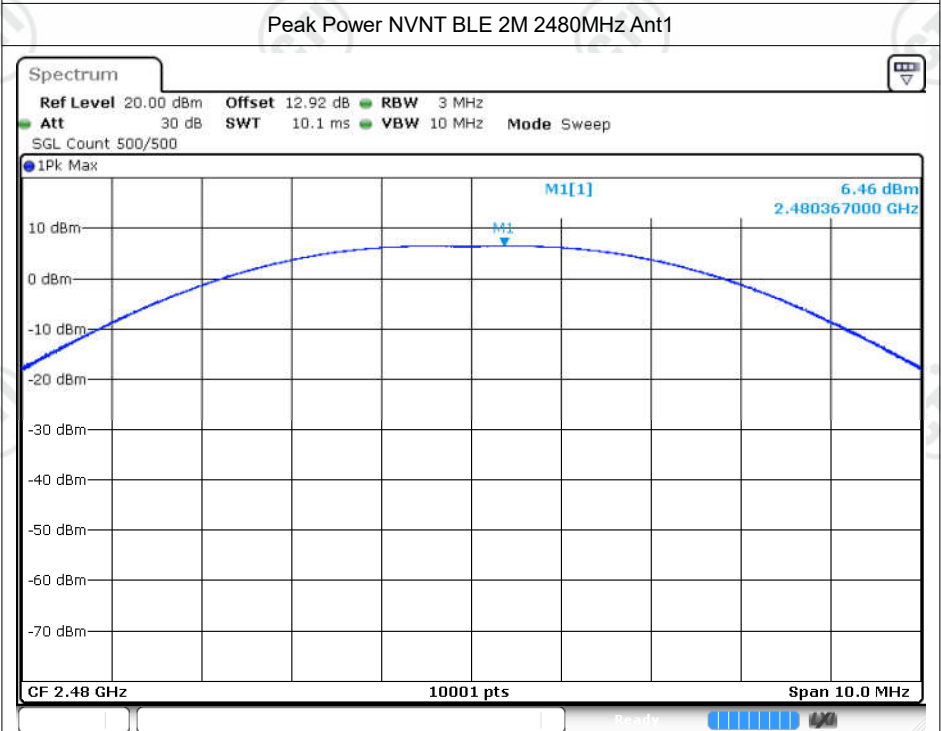
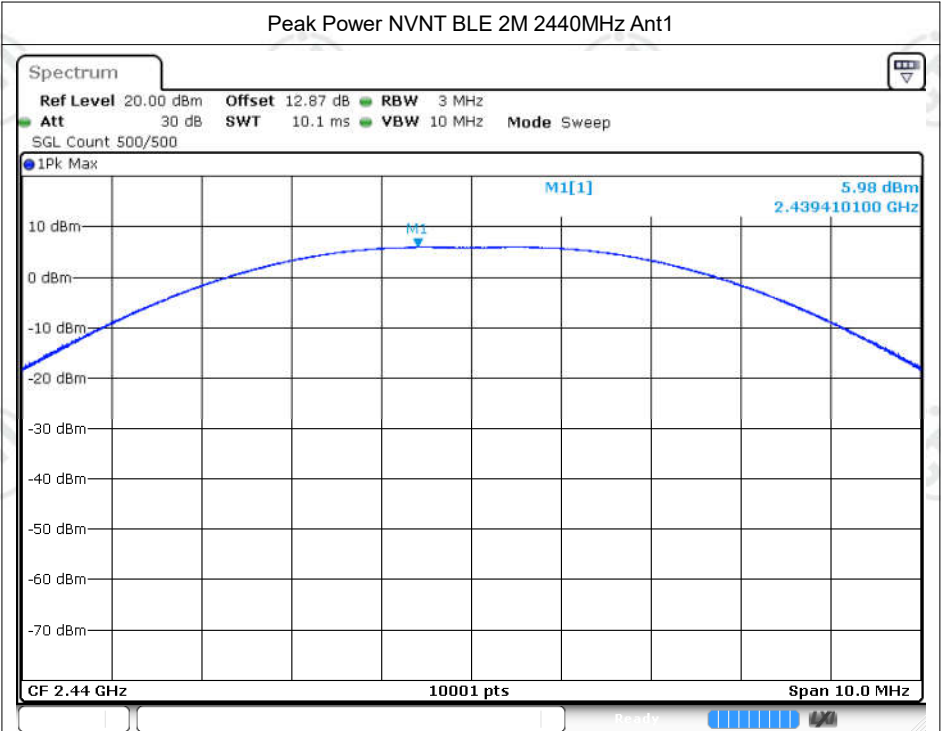
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Date: 11.MAY.2023 15:24:59

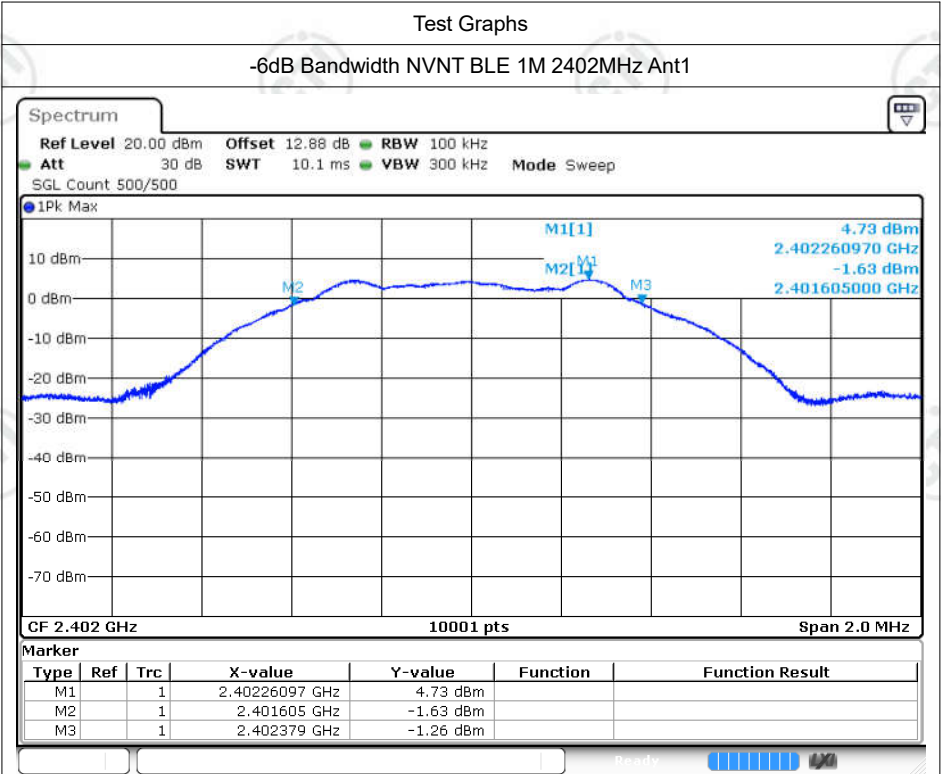


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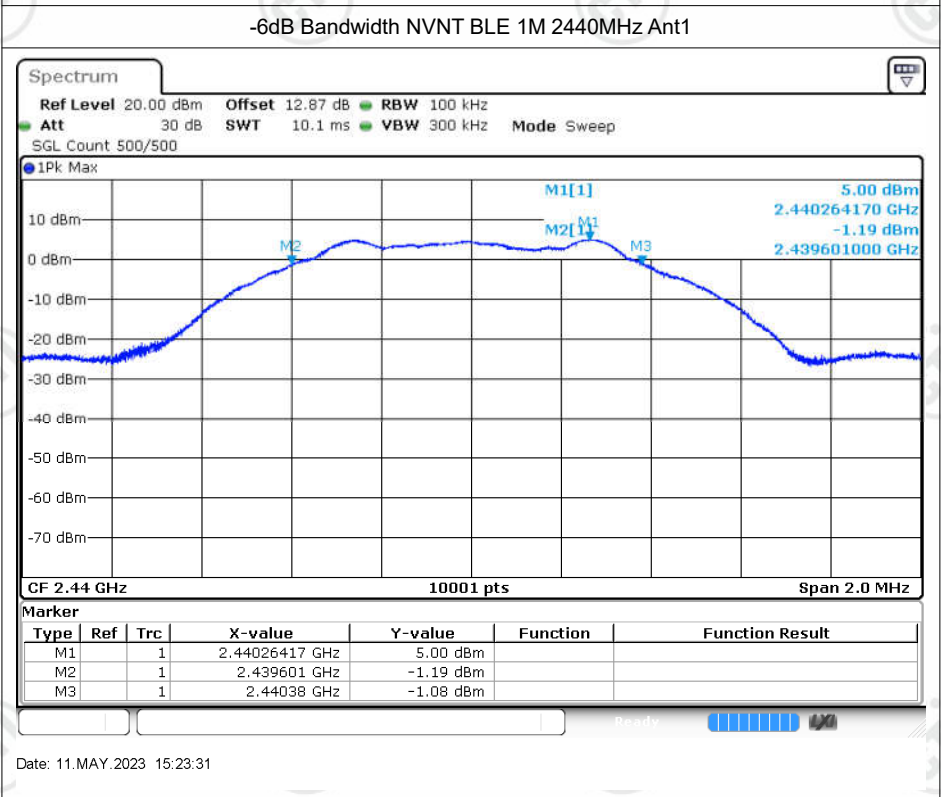


-6dB Bandwidth

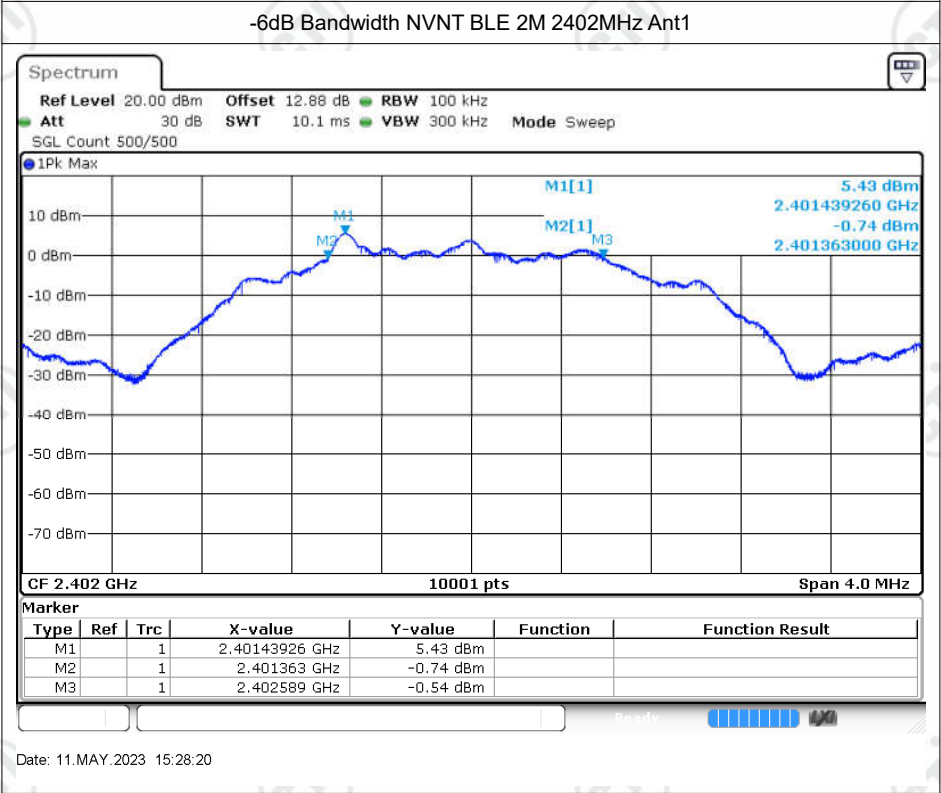
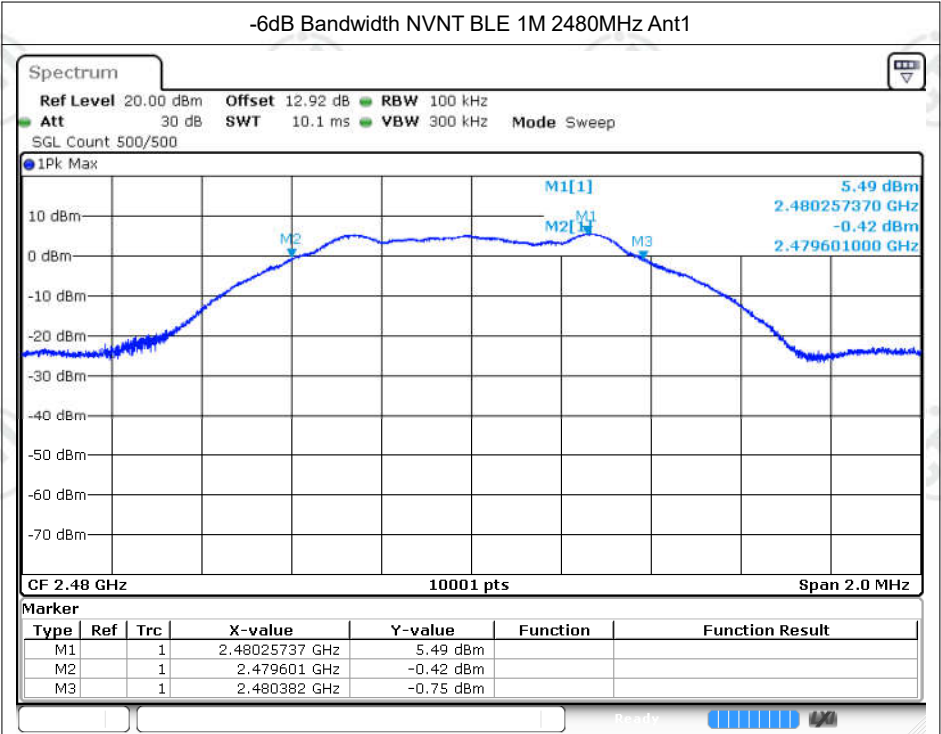
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.774	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.779	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.781	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.226	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.218	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.221	0.5	Pass

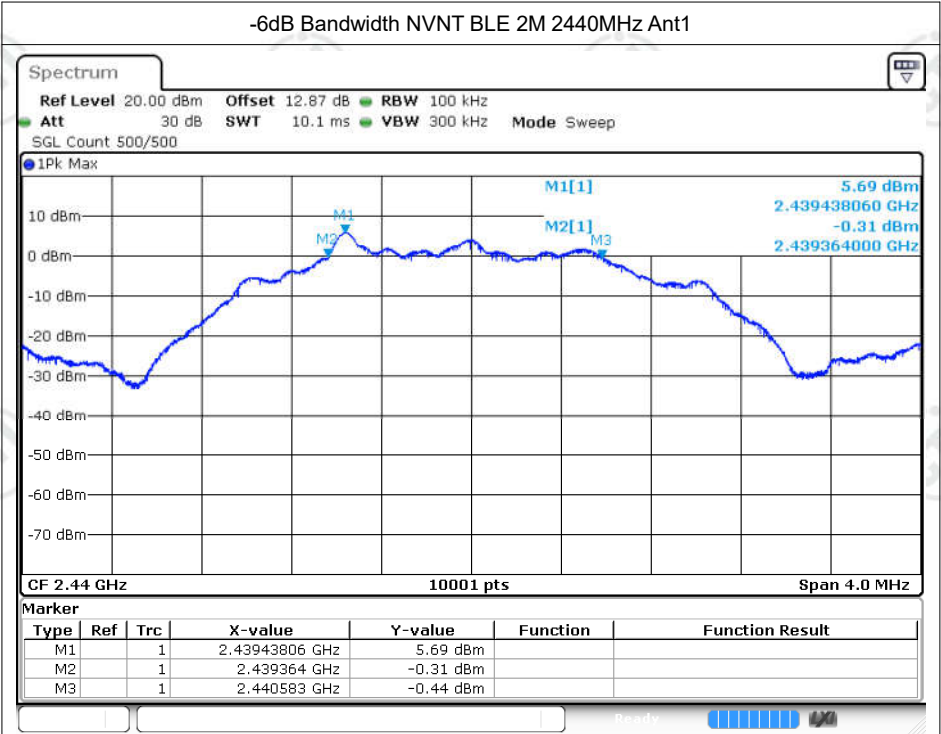


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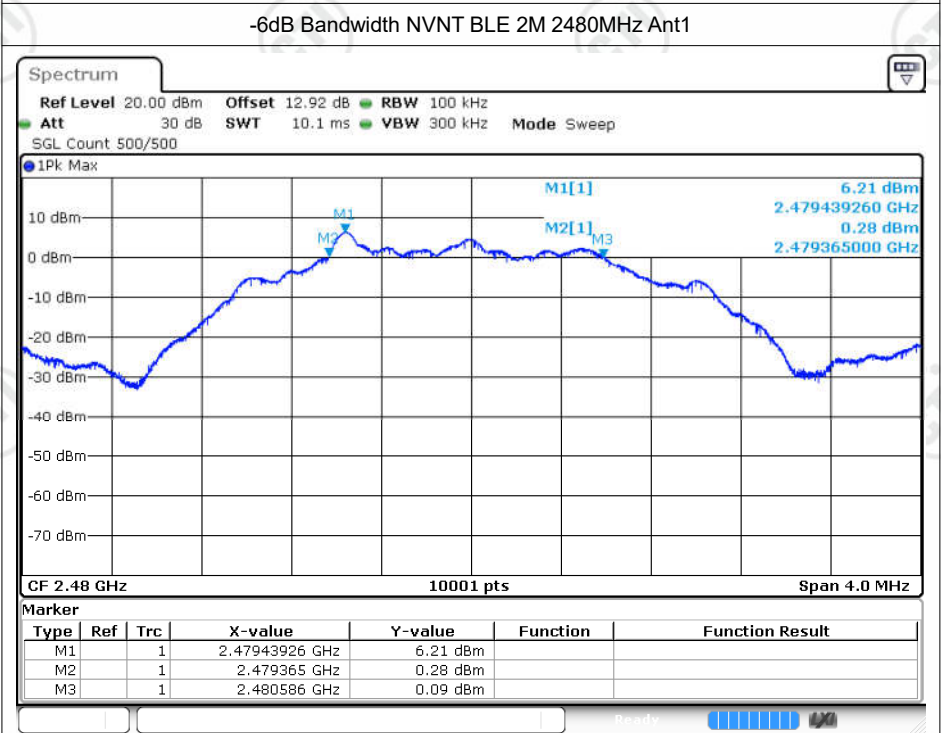


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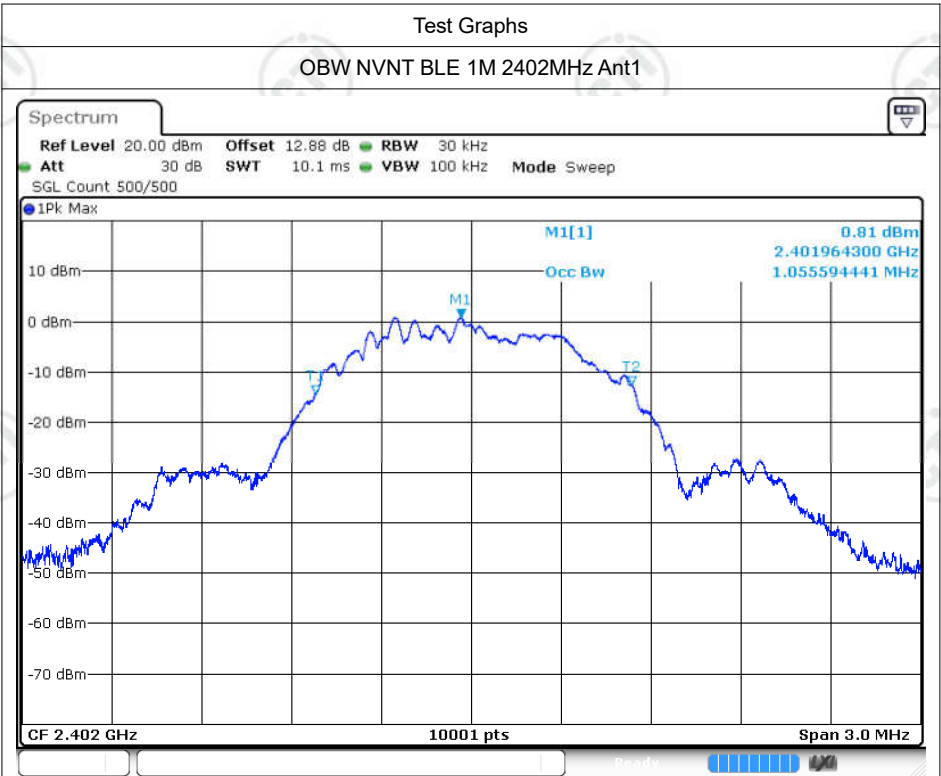
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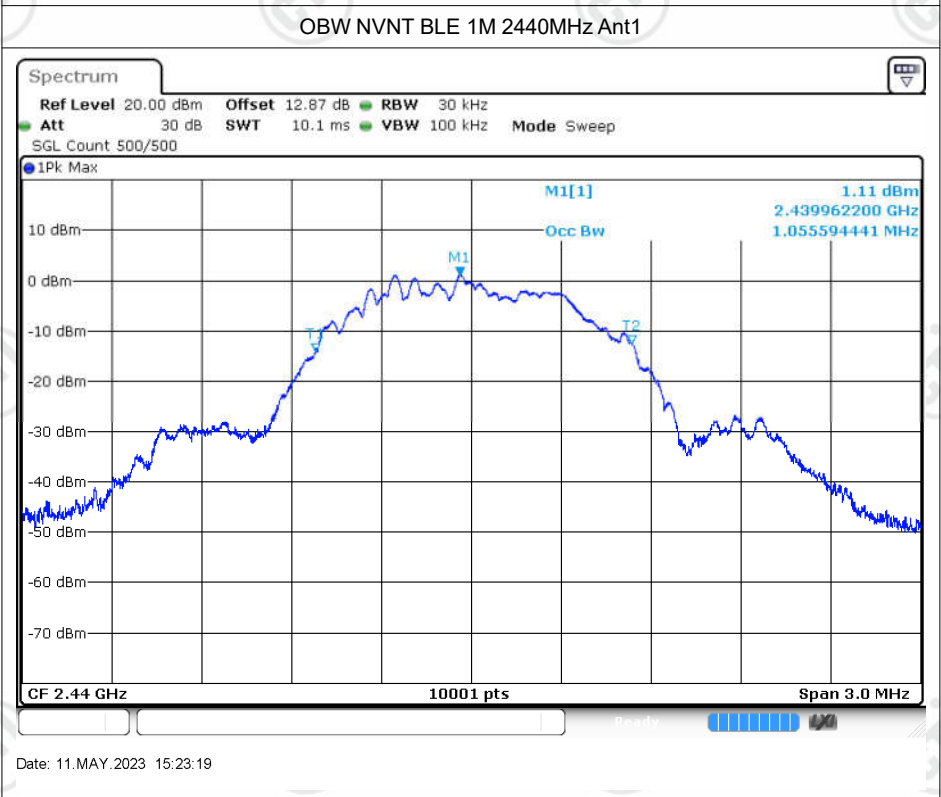
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Occupied Channel Bandwidth

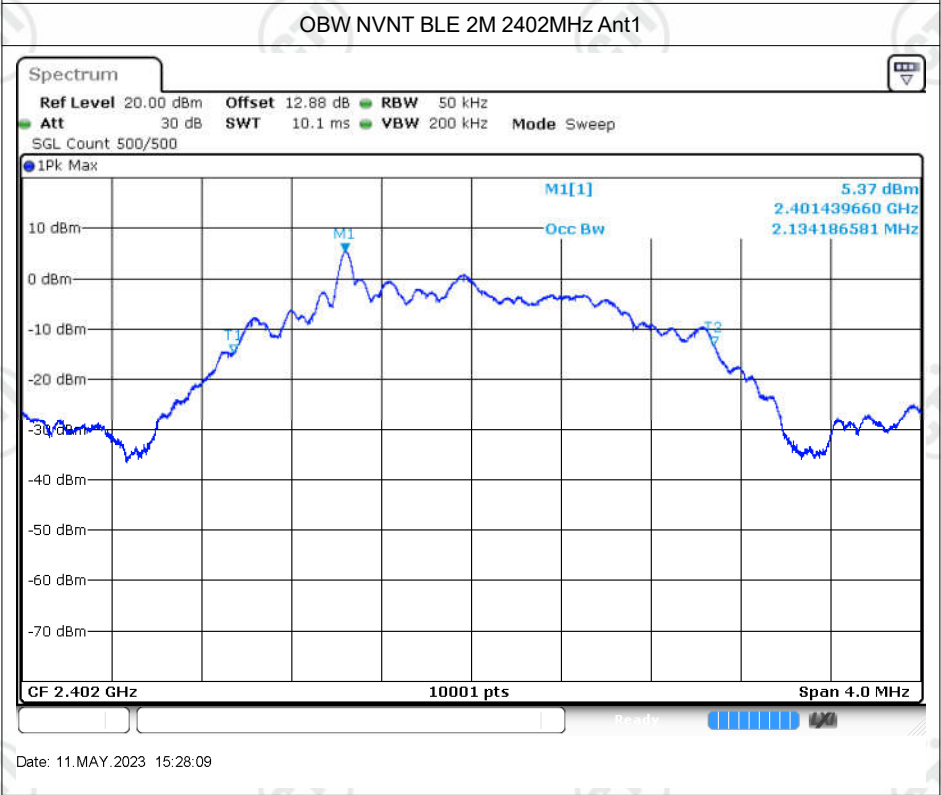
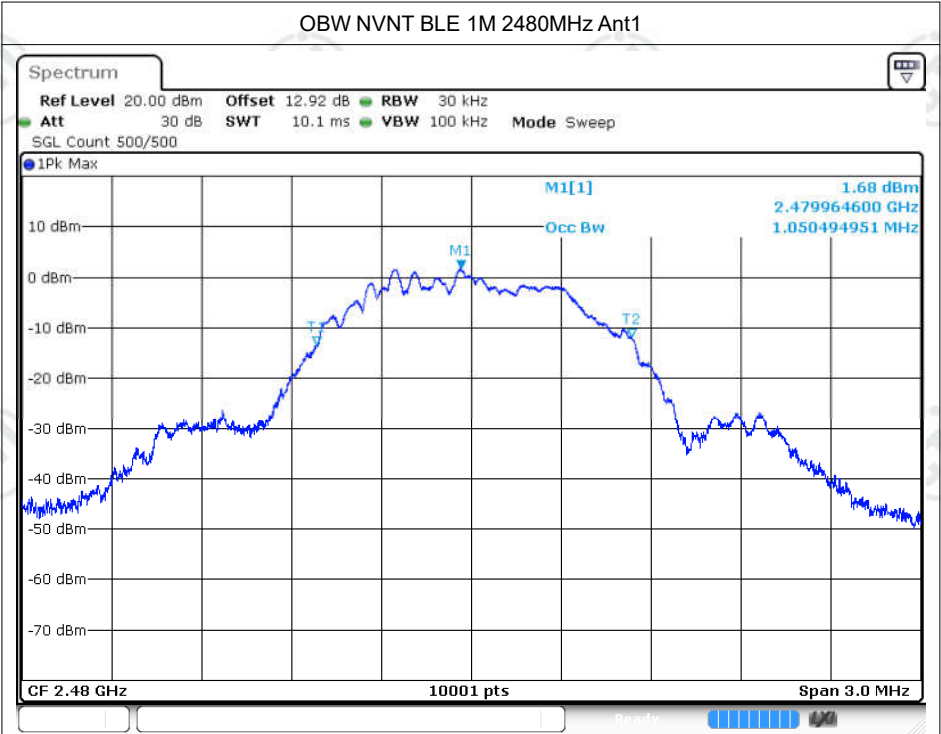
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.056
NVNT	BLE 1M	2440	Ant1	1.056
NVNT	BLE 1M	2480	Ant1	1.05
NVNT	BLE 2M	2402	Ant1	2.134
NVNT	BLE 2M	2440	Ant1	2.124
NVNT	BLE 2M	2480	Ant1	2.106

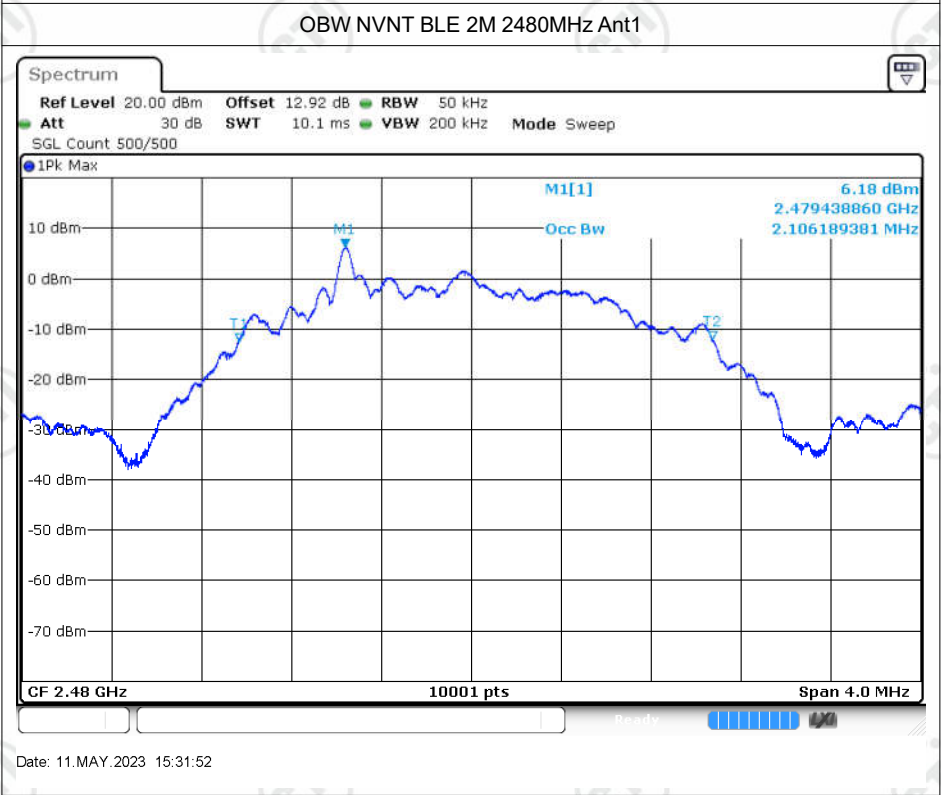
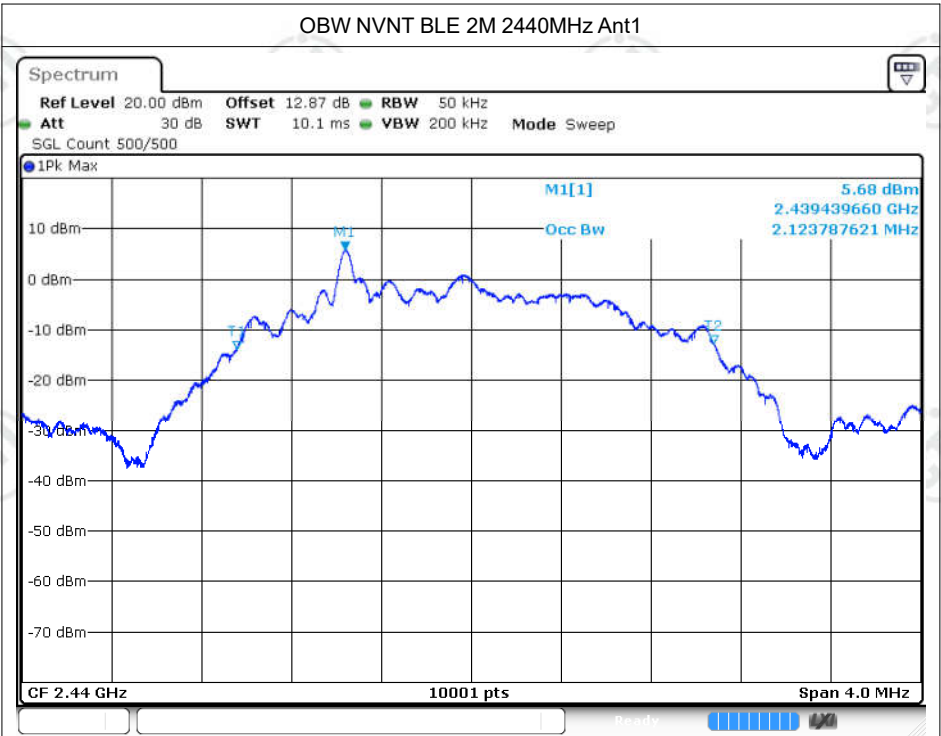


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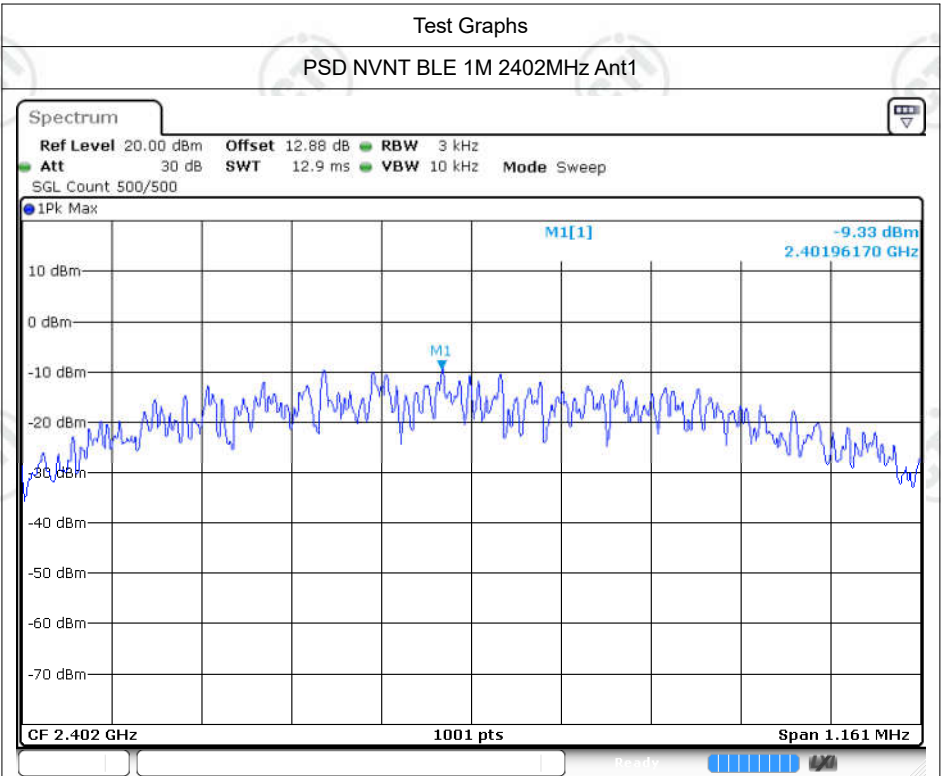
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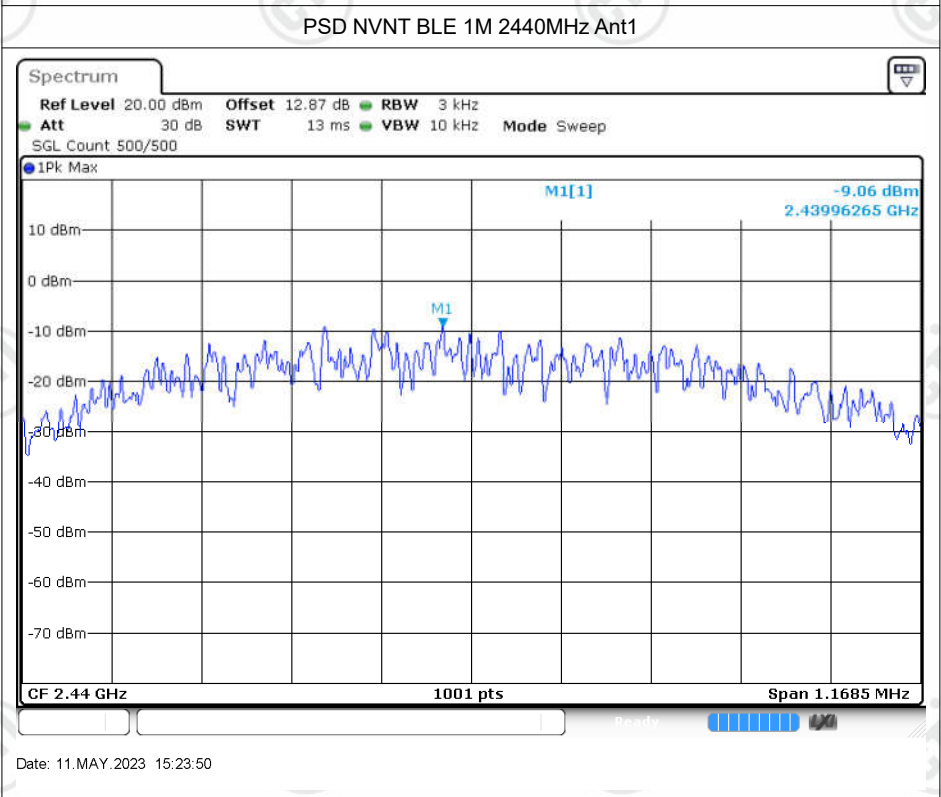


Maximum Power Spectral Density Level

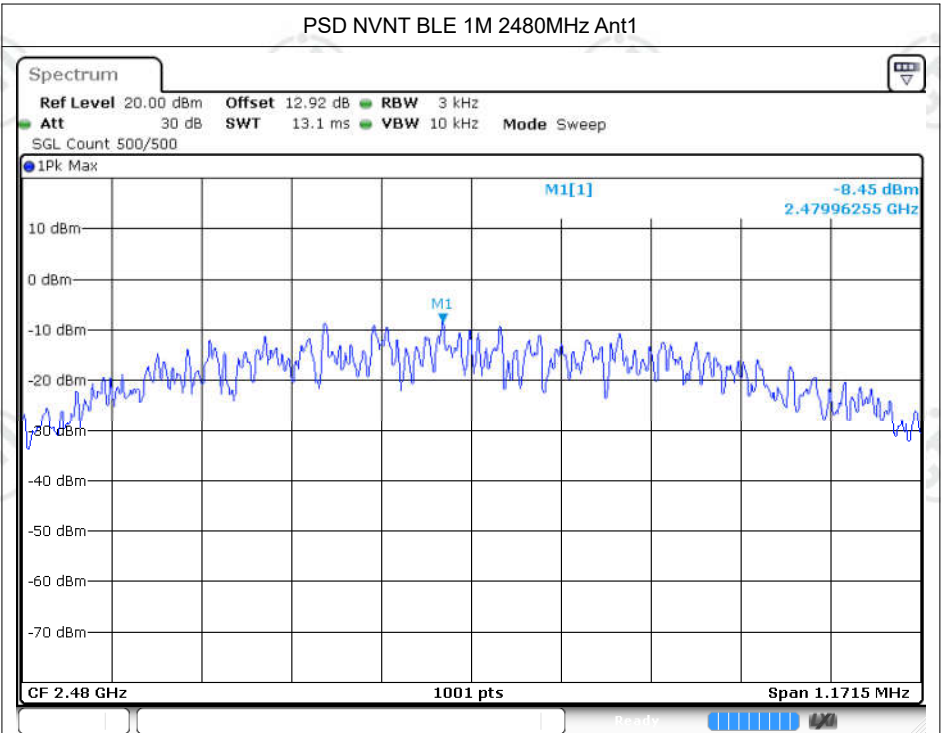
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-9.33	0	-9.33	8	Pass
NVNT	BLE 1M	2440	Ant1	-9.06	0	-9.06	8	Pass
NVNT	BLE 1M	2480	Ant1	-8.45	0	-8.45	8	Pass
NVNT	BLE 2M	2402	Ant1	-8.24	0	-8.24	8	Pass
NVNT	BLE 2M	2440	Ant1	-7.92	0	-7.92	8	Pass
NVNT	BLE 2M	2480	Ant1	-7.39	0	-7.39	8	Pass



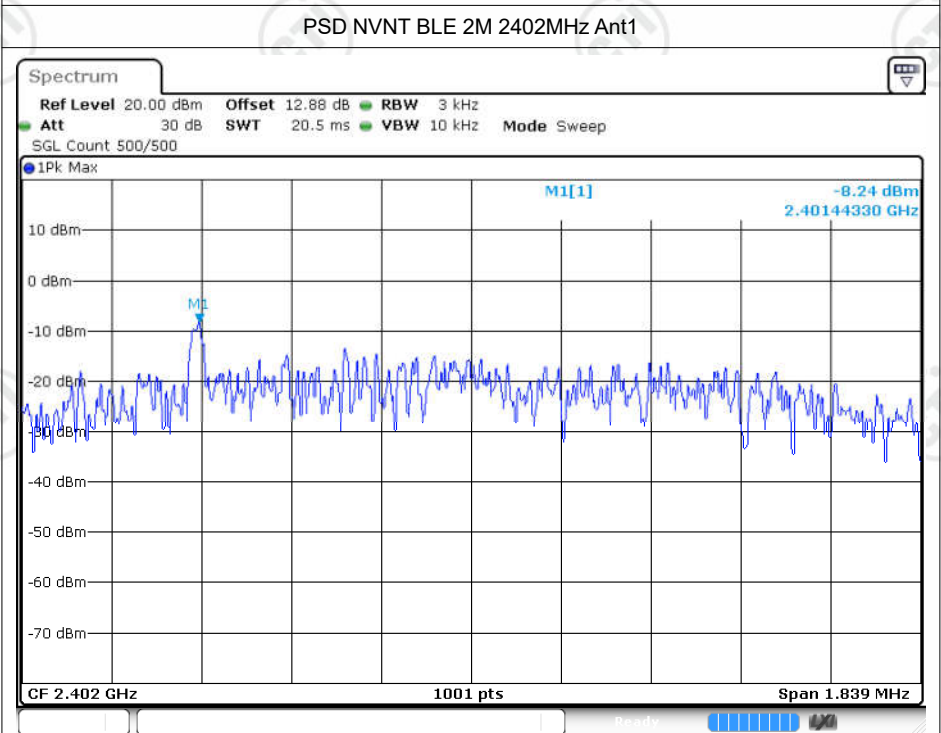
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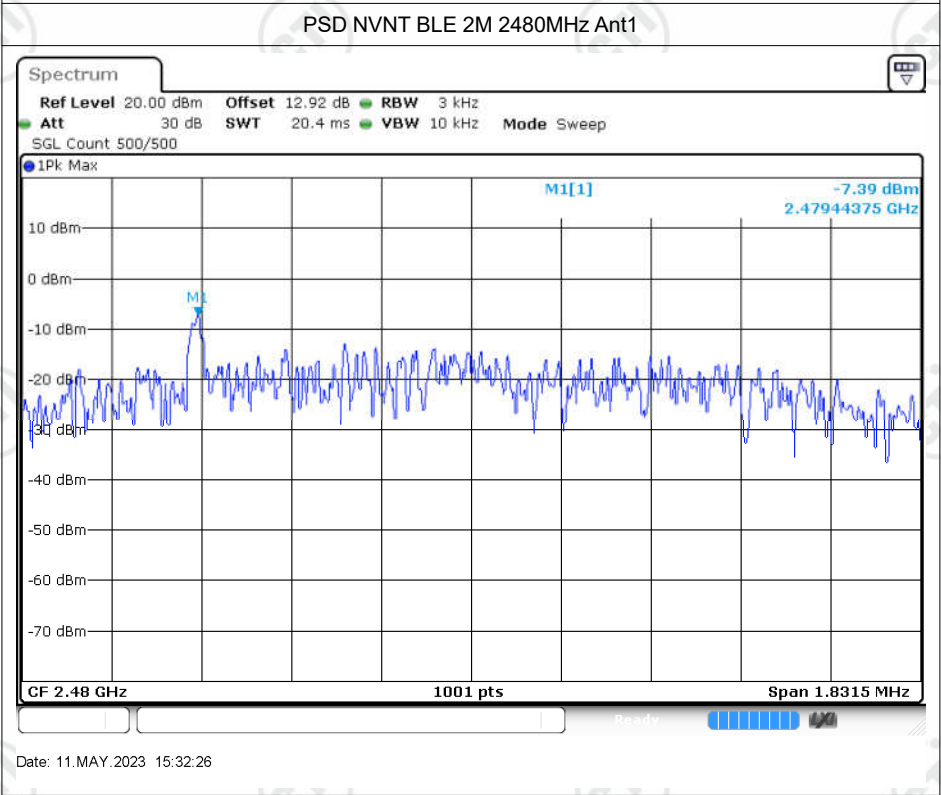
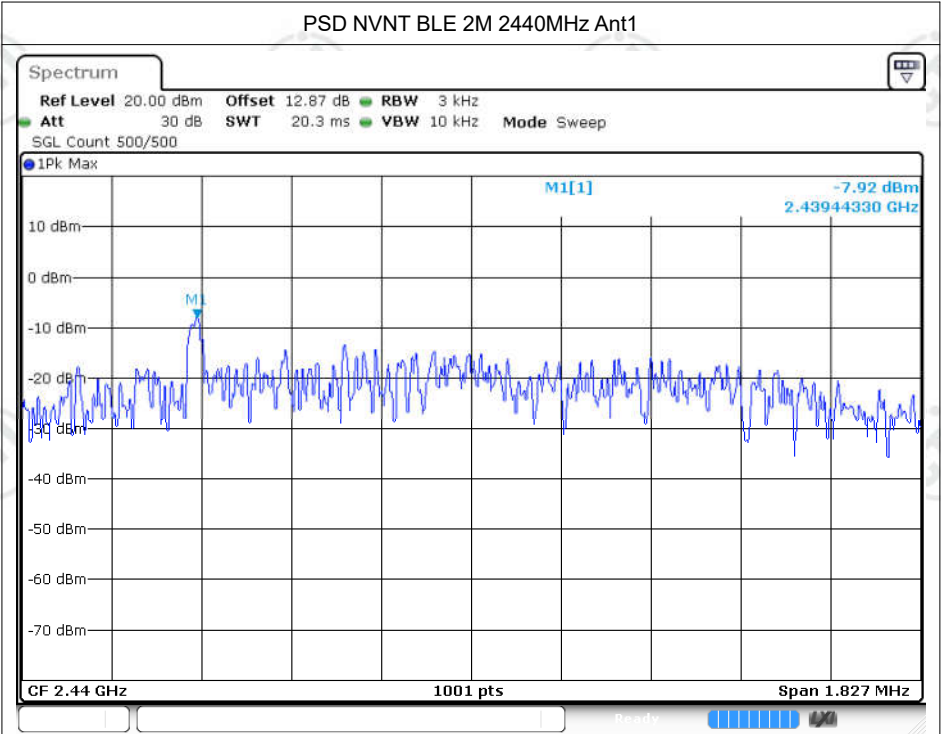
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Date: 11.MAY.2023 15:25:40

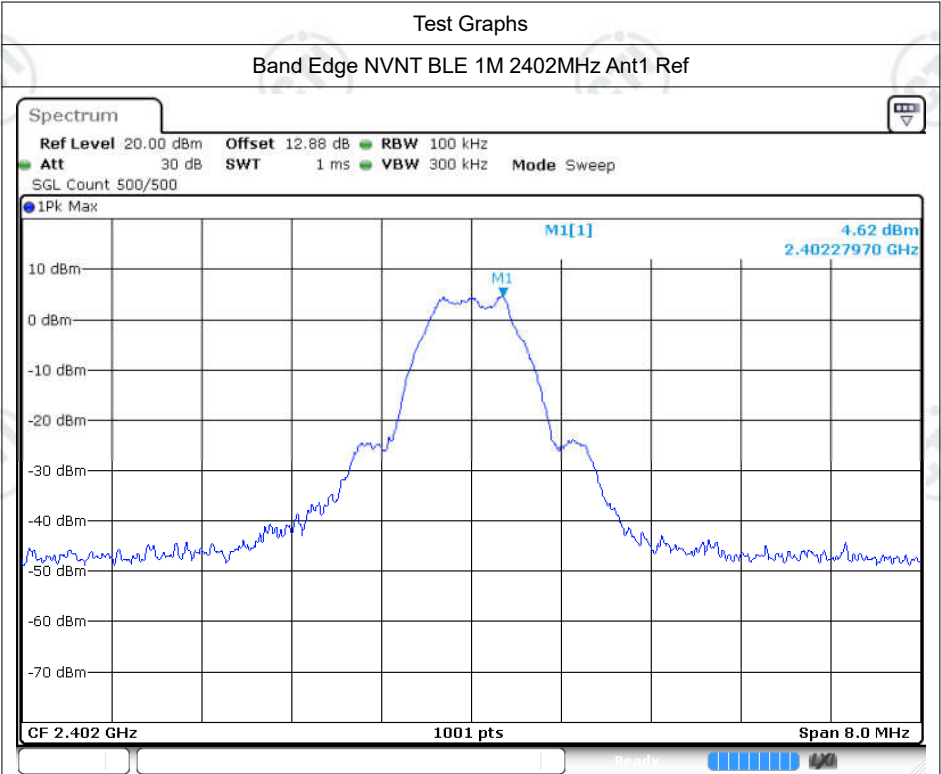


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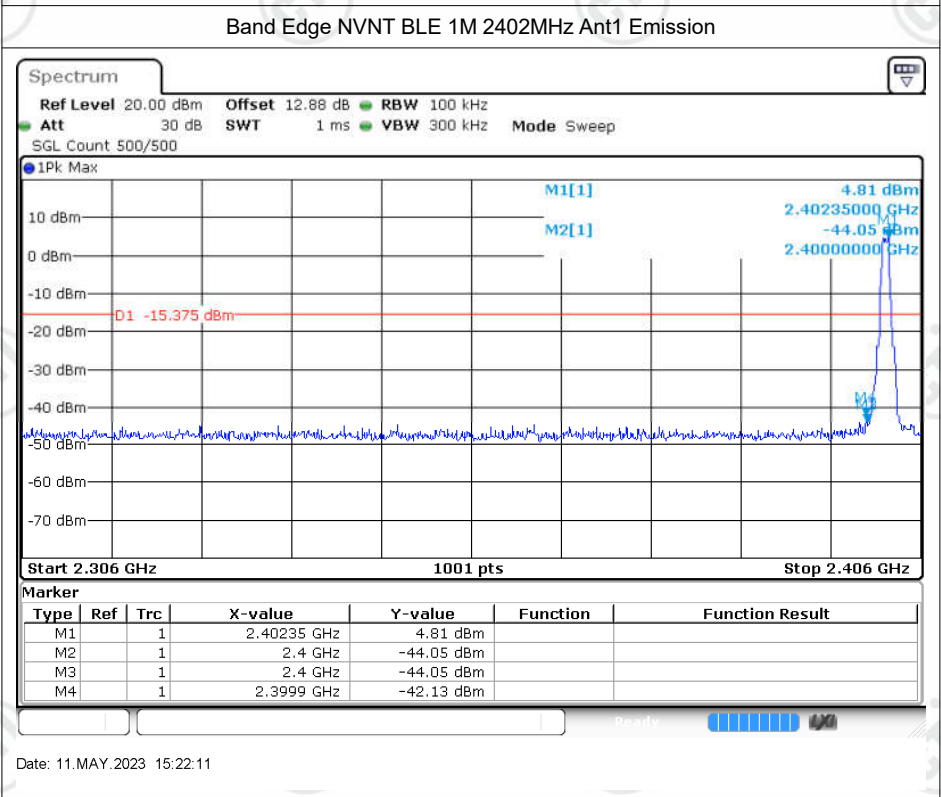


Band Edge

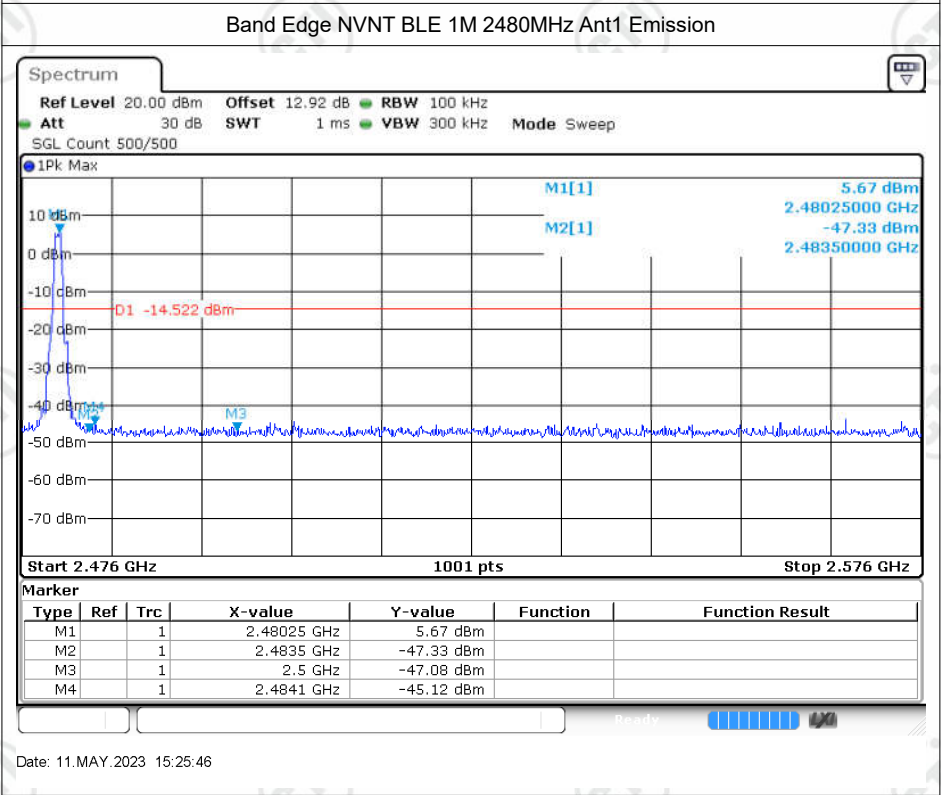
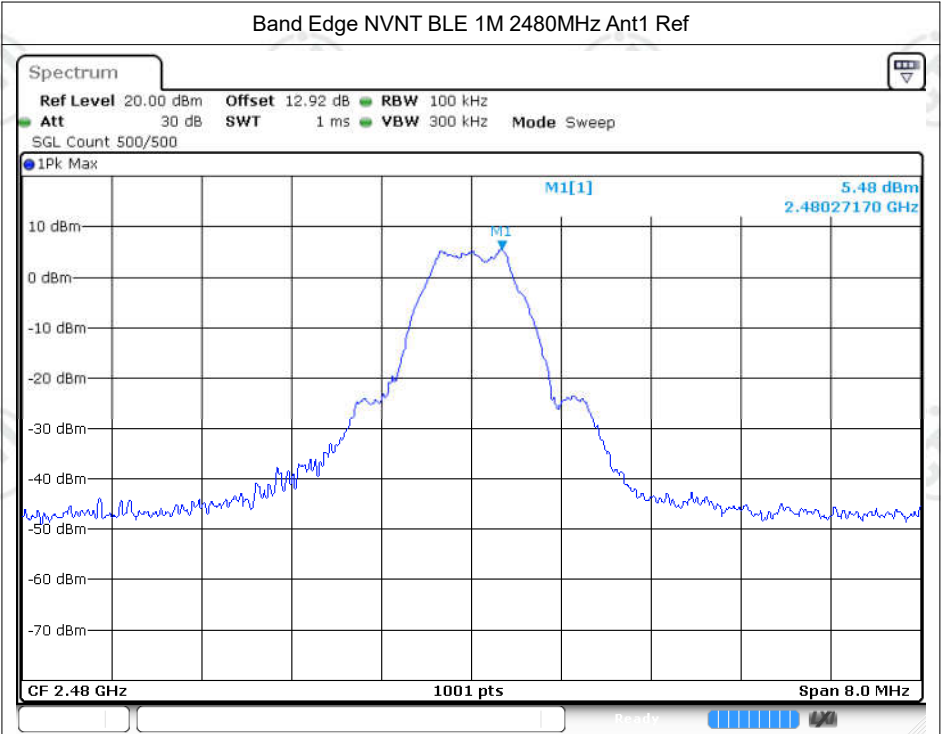
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.75	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.6	-20	Pass
NVNT	BLE 2M	2402	Ant1	-30.07	-20	Pass
NVNT	BLE 2M	2480	Ant1	-50.91	-20	Pass

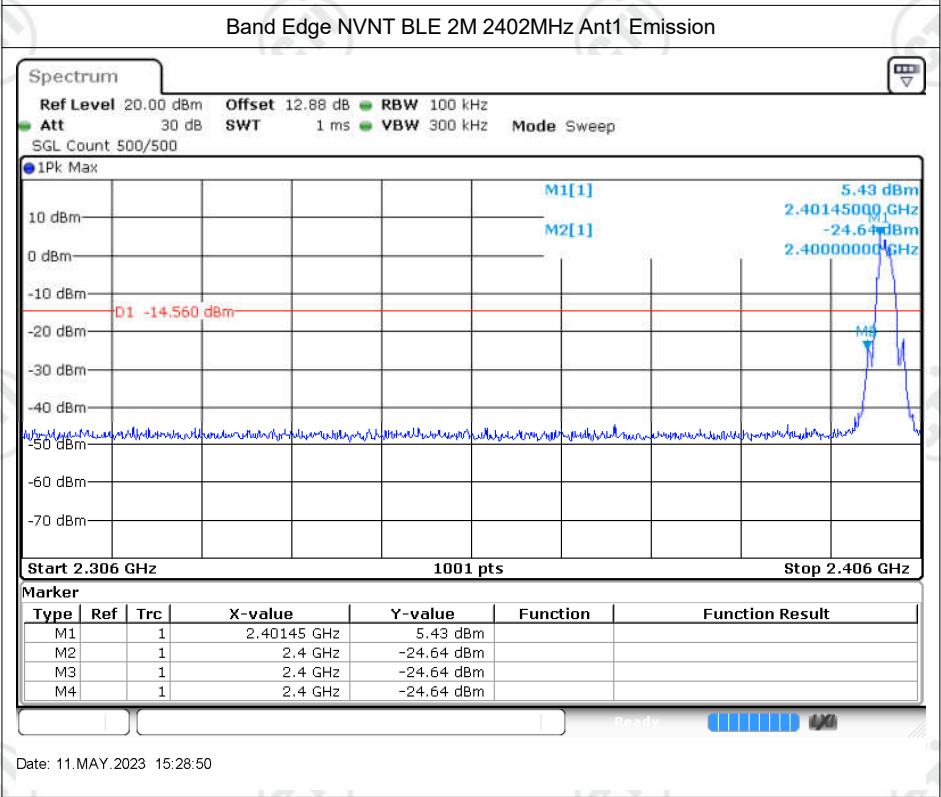
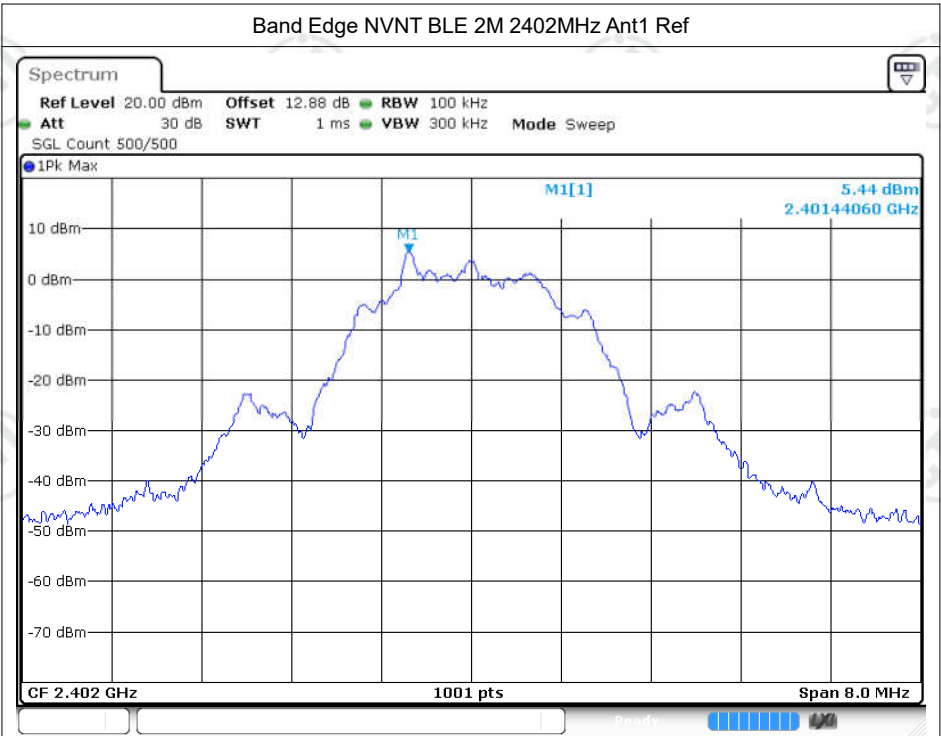


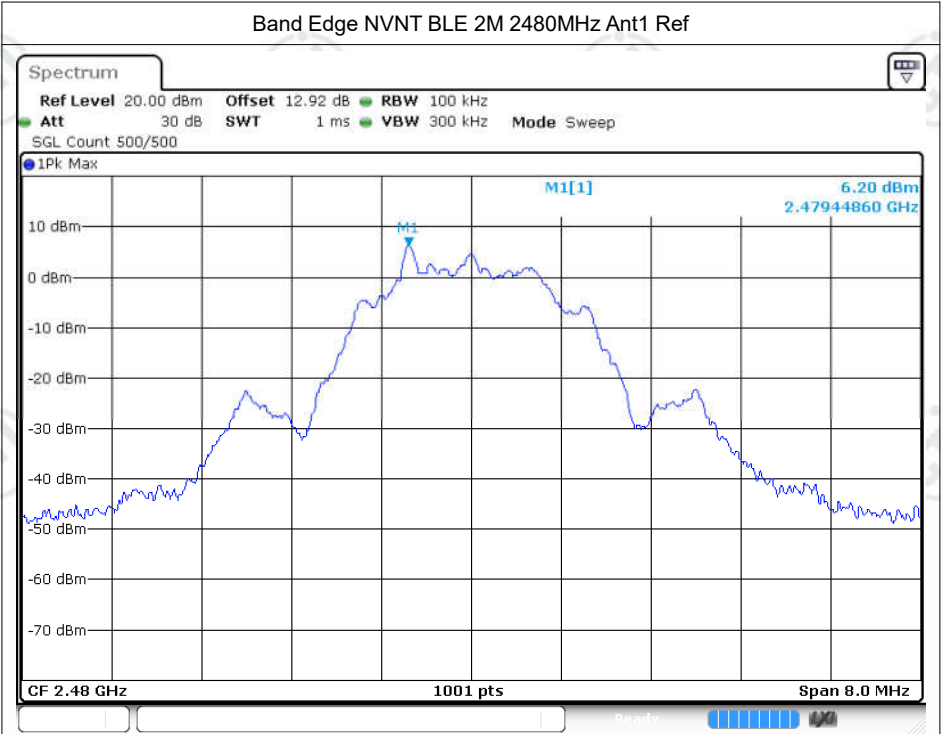
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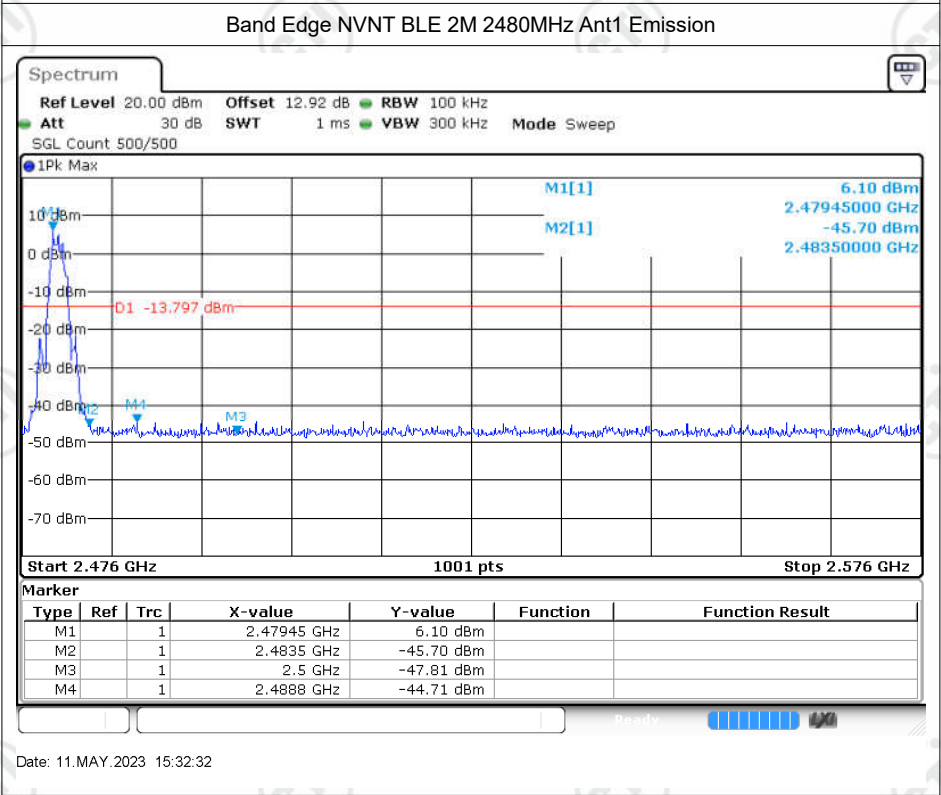
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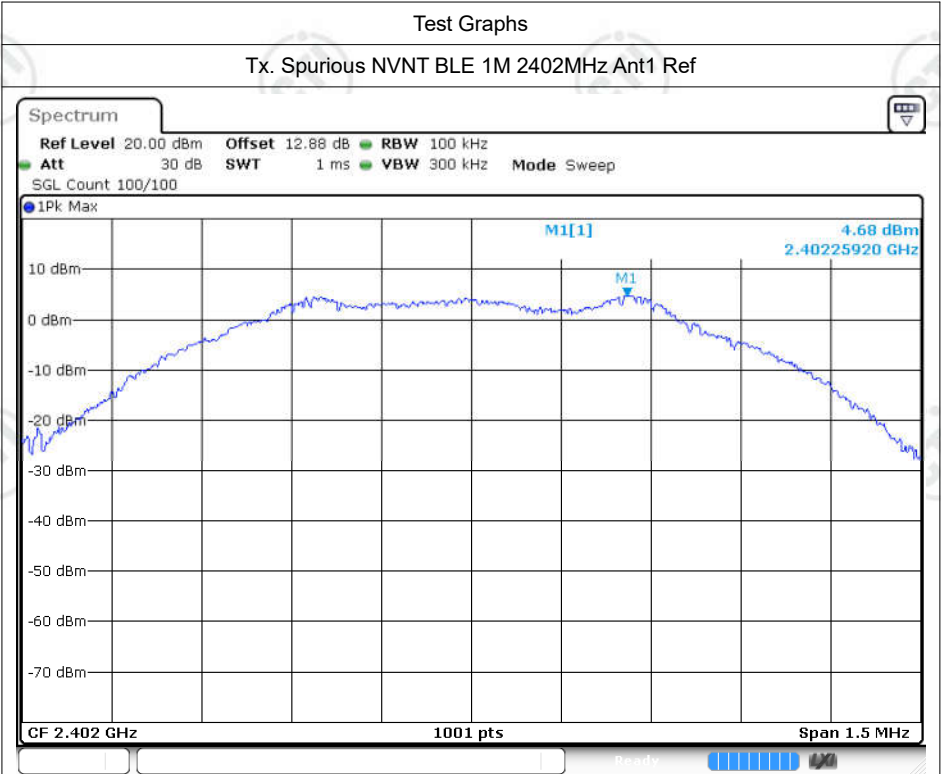
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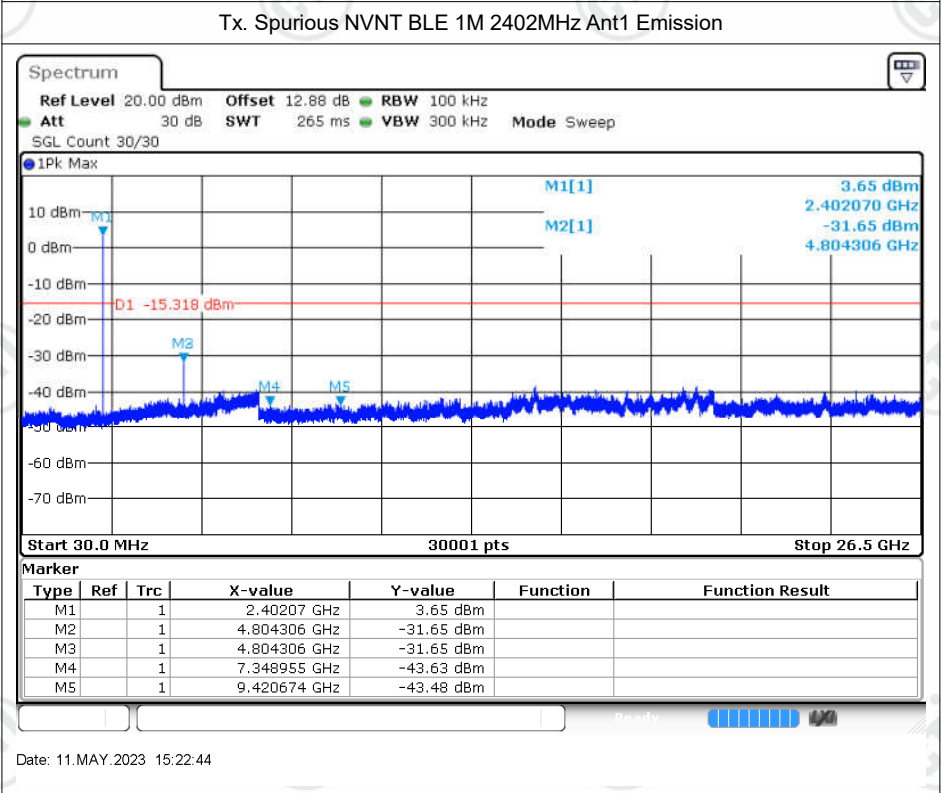
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Conducted RF Spurious Emission

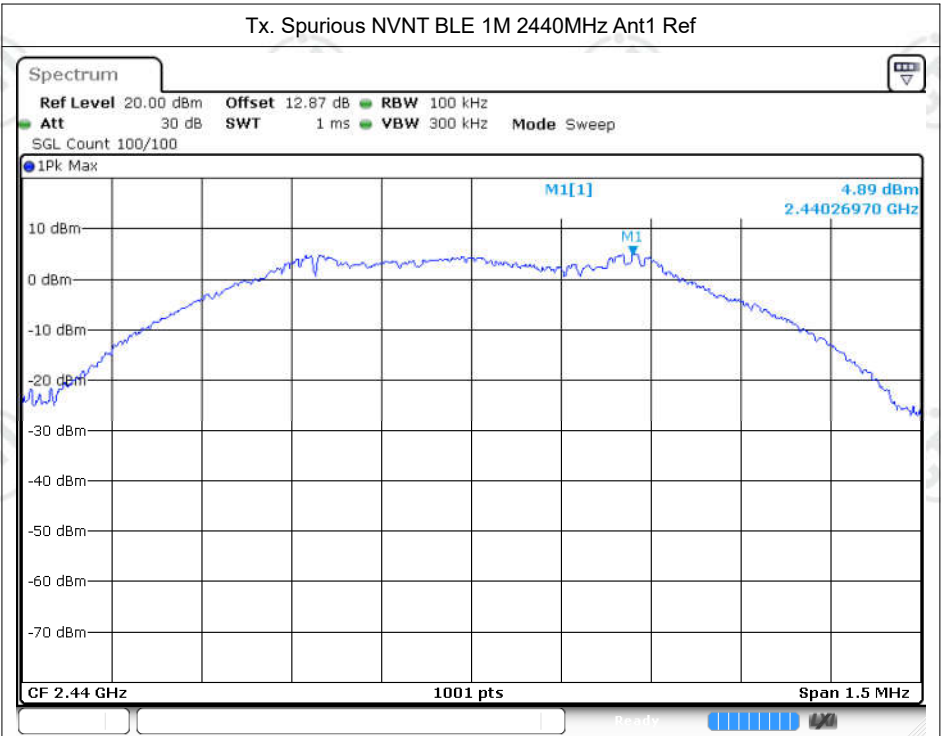
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-36.33	-20	Pass
NVNT	BLE 1M	2440	Ant1	-37.49	-20	Pass
NVNT	BLE 1M	2480	Ant1	-40.05	-20	Pass
NVNT	BLE 2M	2402	Ant1	-35.8	-20	Pass
NVNT	BLE 2M	2440	Ant1	-37.77	-20	Pass
NVNT	BLE 2M	2480	Ant1	-39.86	-20	Pass



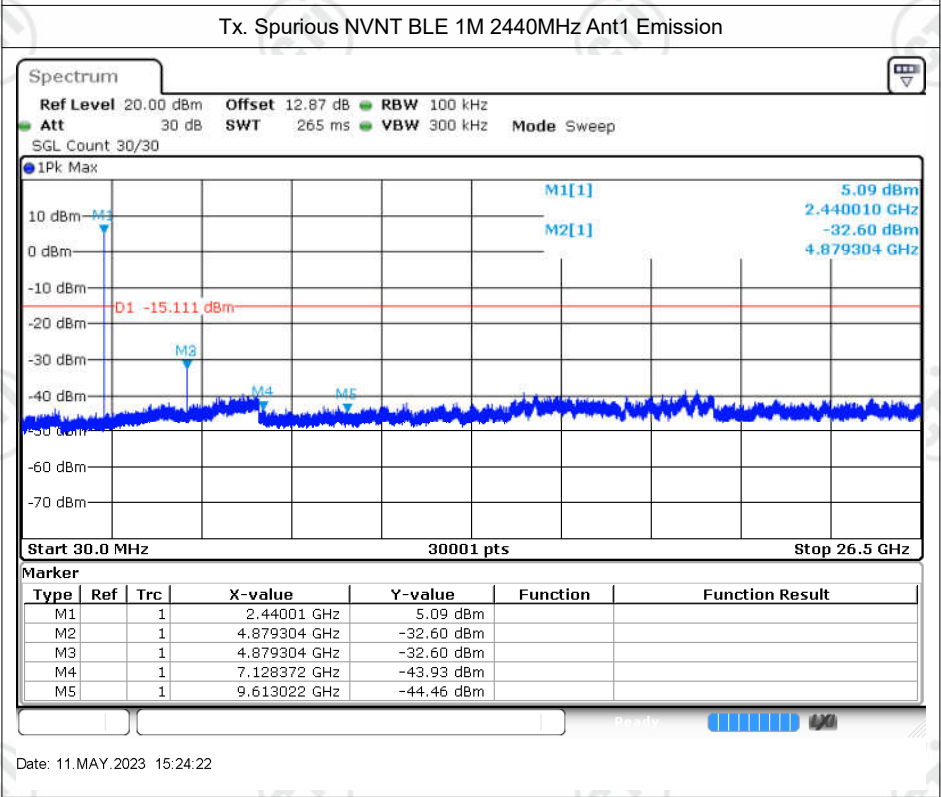
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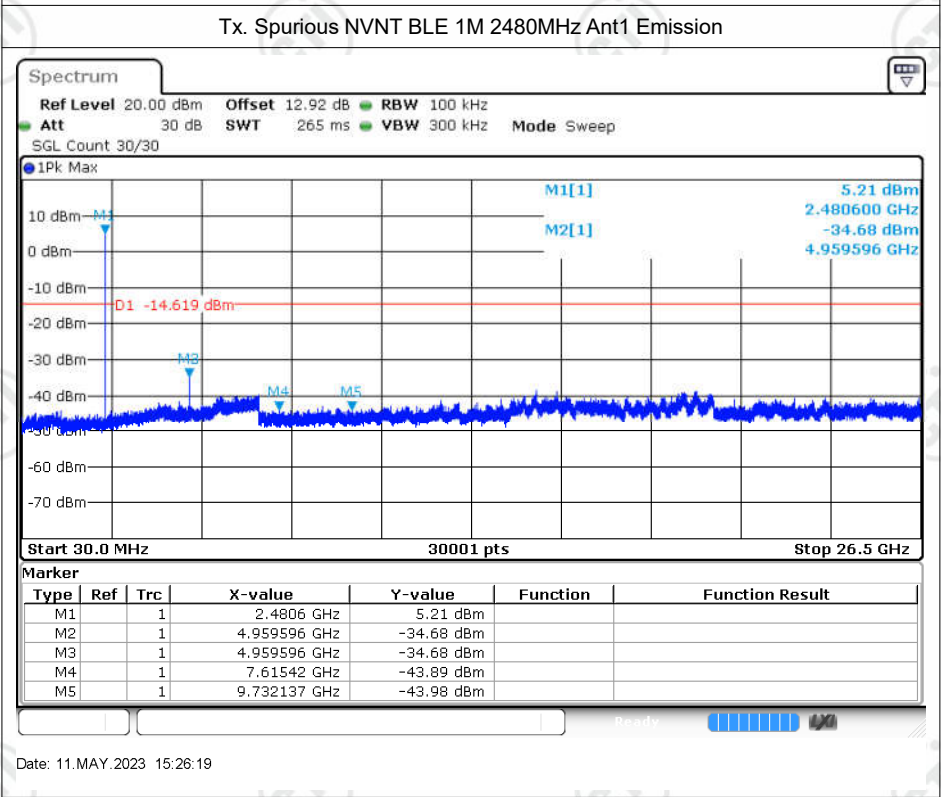
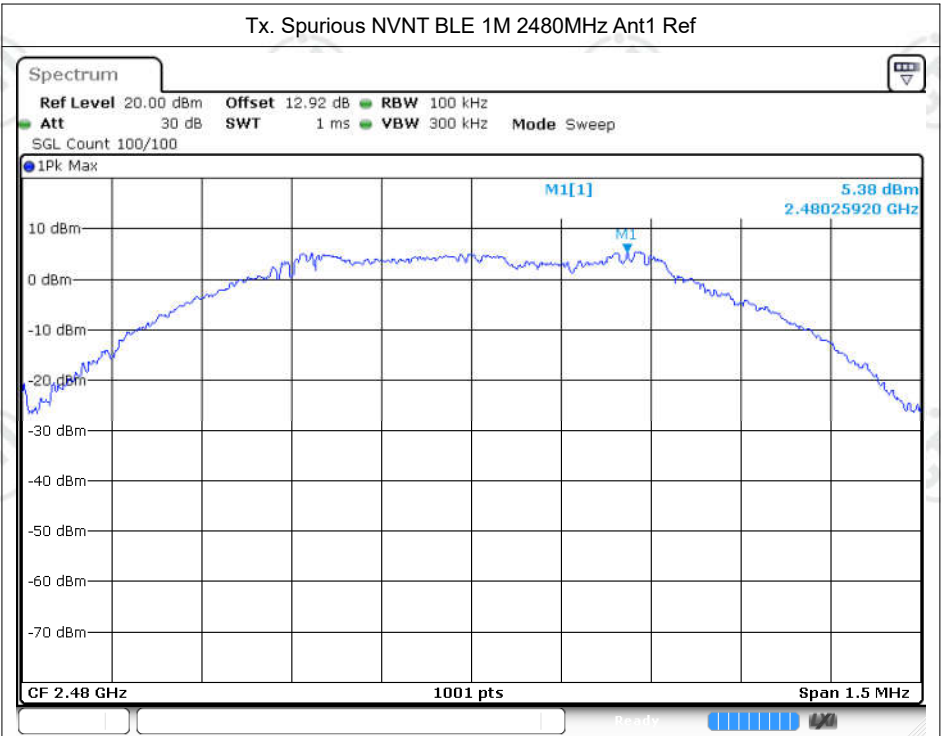


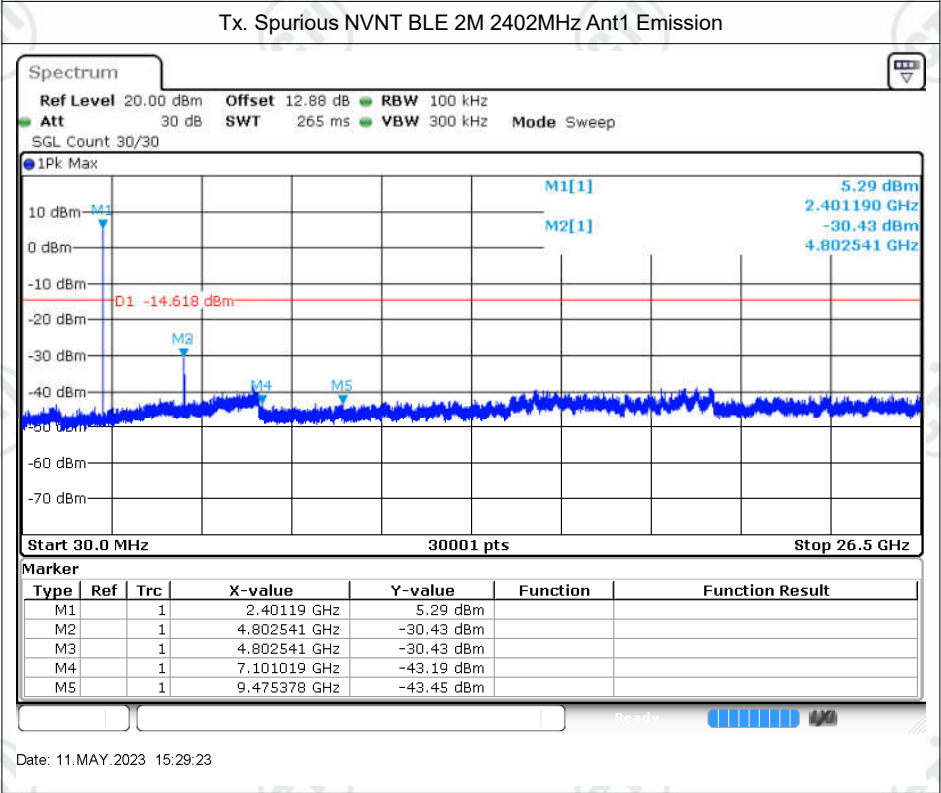
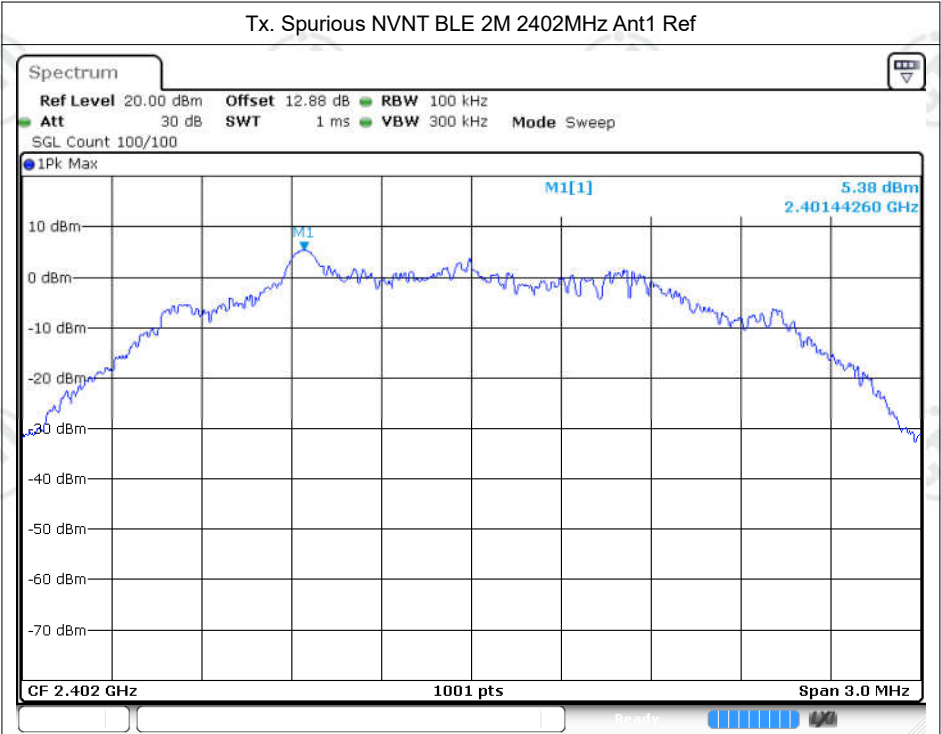
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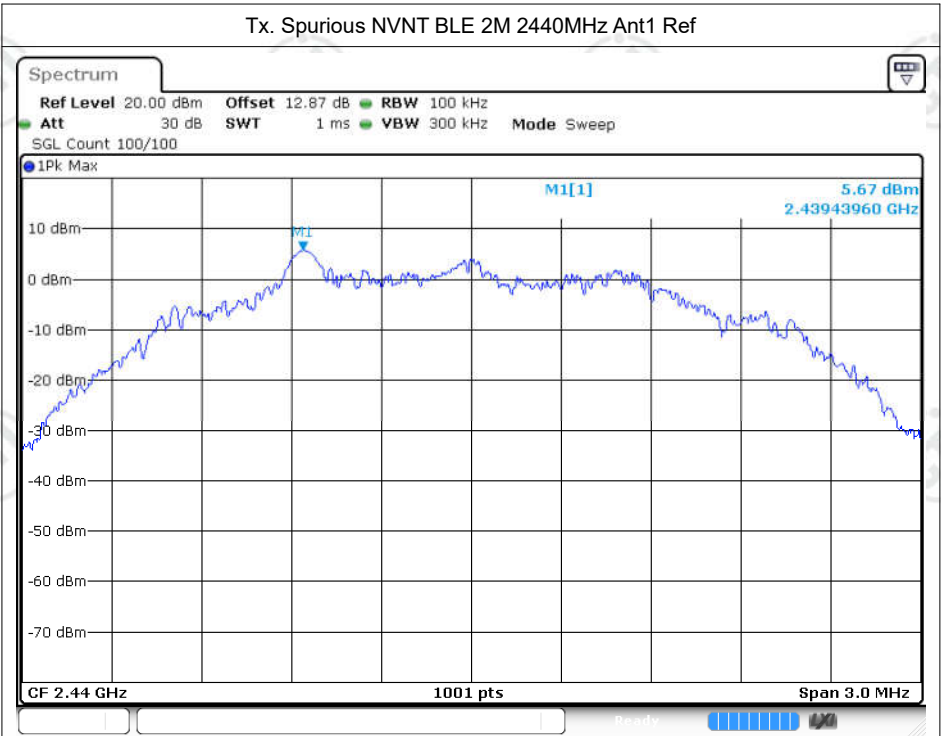


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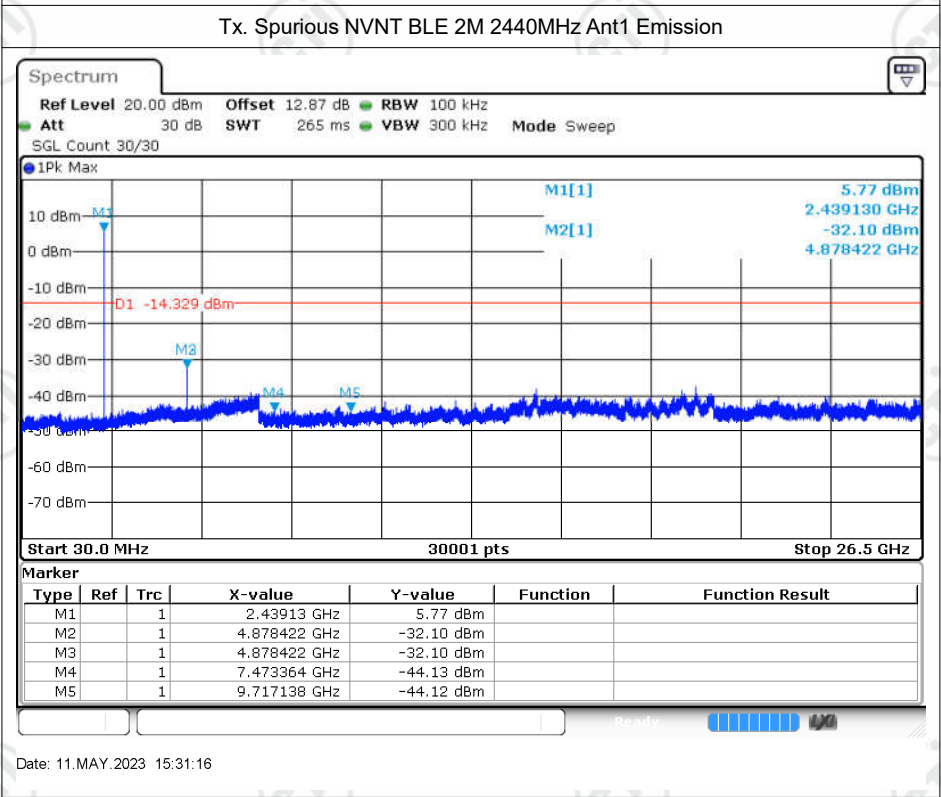


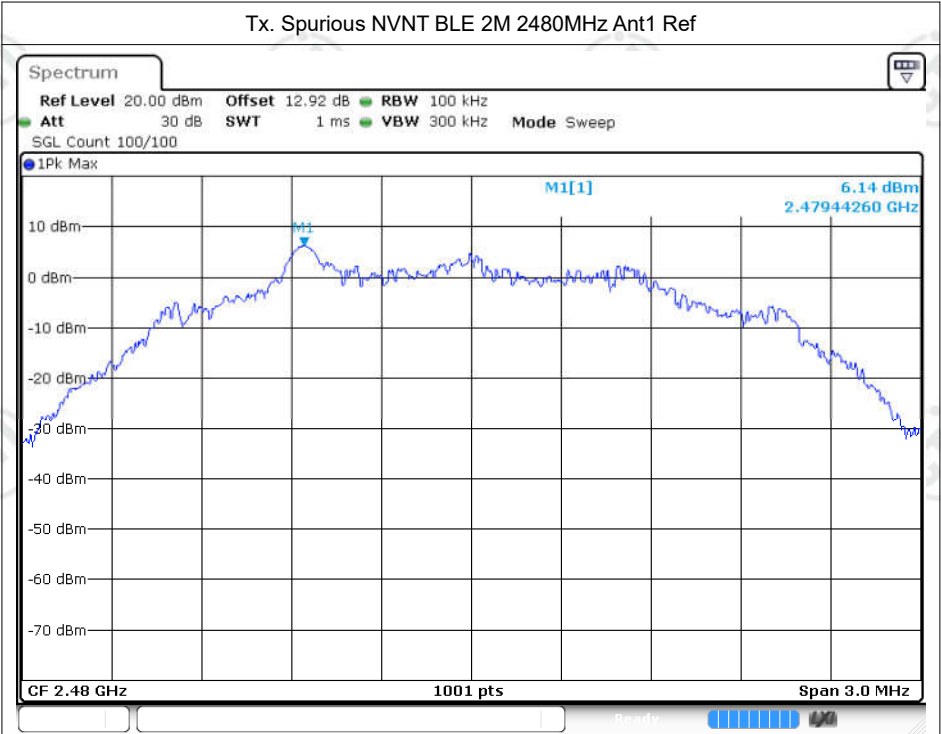




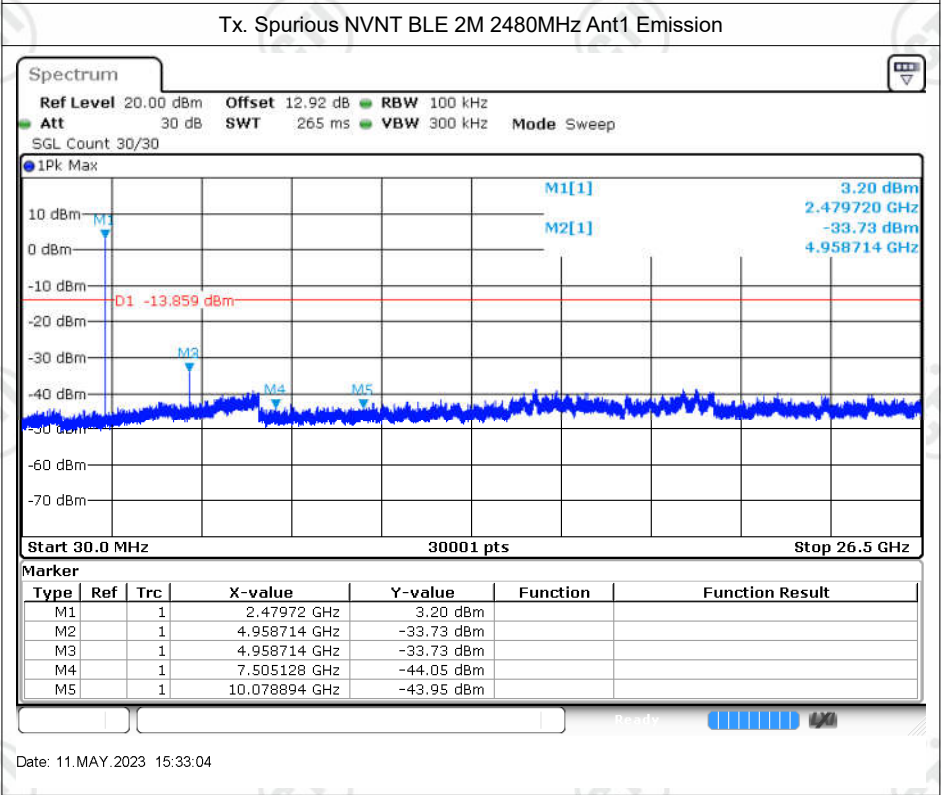


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Date: 11.MAY.2023 15:32:35



*** End of Report ***