

Appendix: Bluetooth LE

Contents

Contents 2

Duty Cycle 3

Maximum Peak Conducted Output Power 7

-6dB Bandwidth 11

Occupied Channel Bandwidth 15

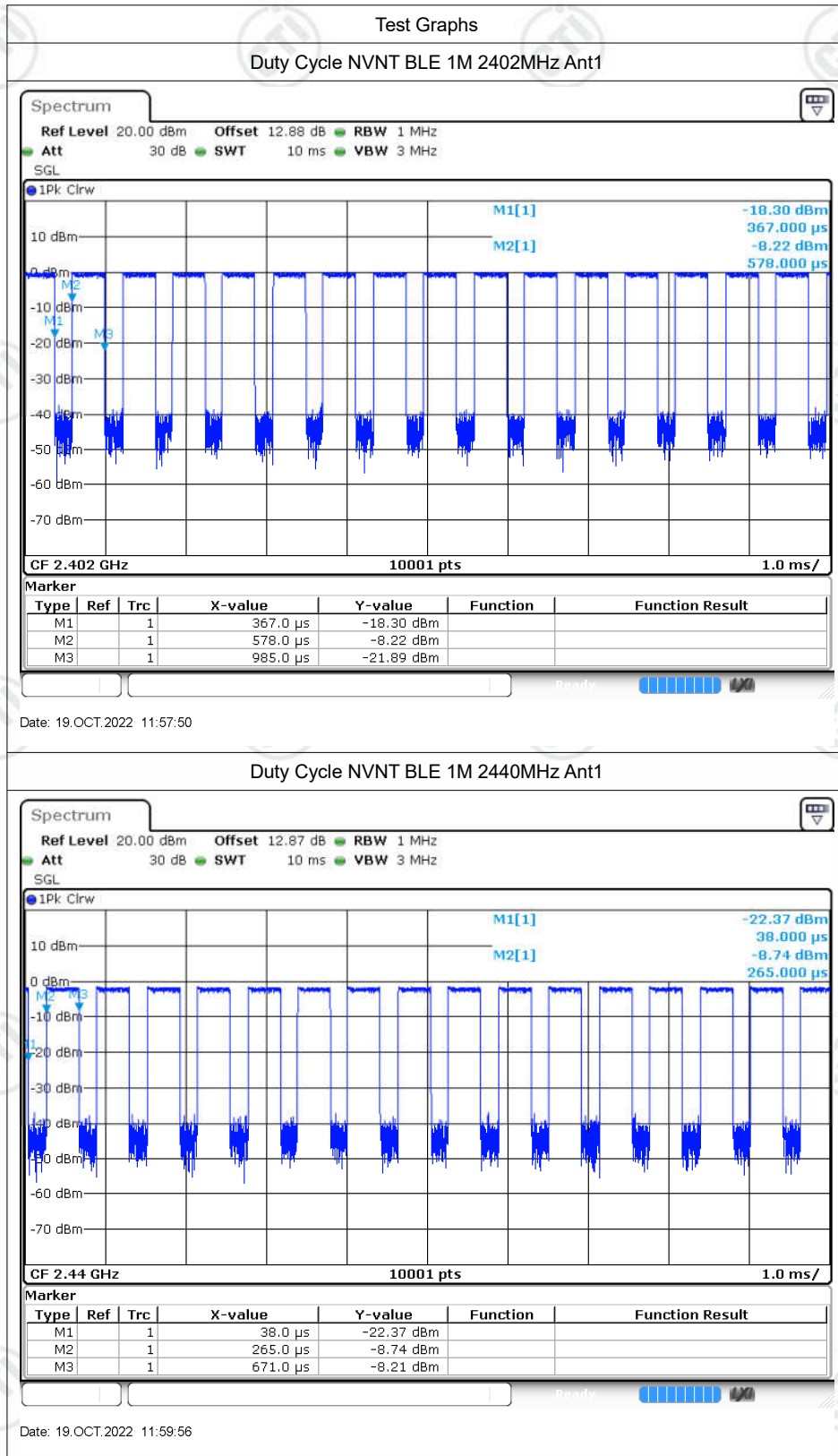
Maximum Power Spectral Density Level 19

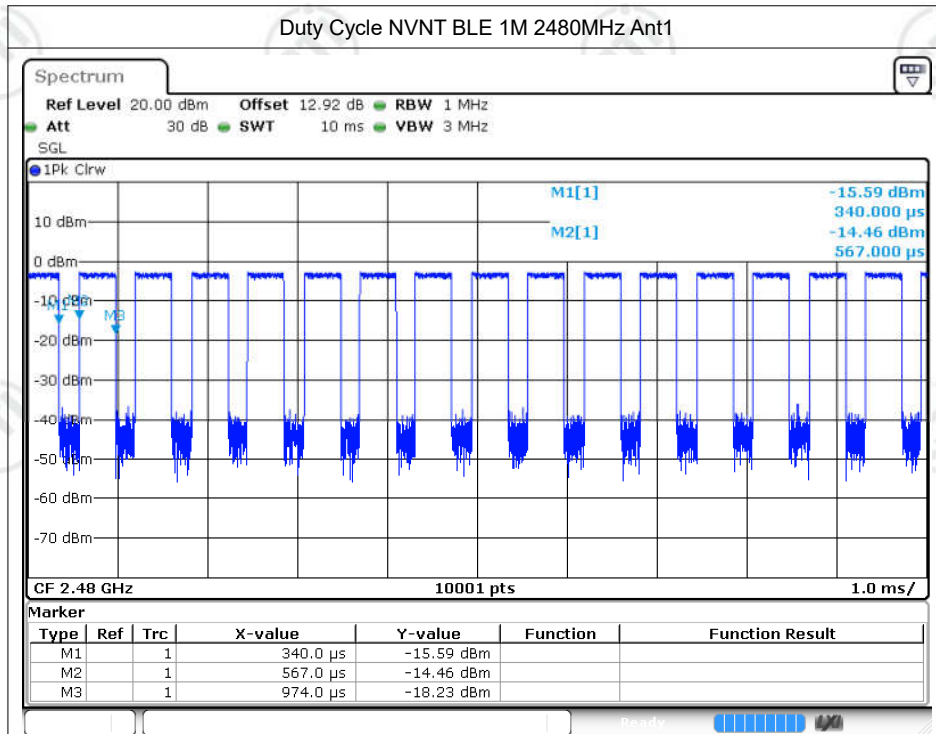
Band Edge 23

Conducted RF Spurious Emission 28

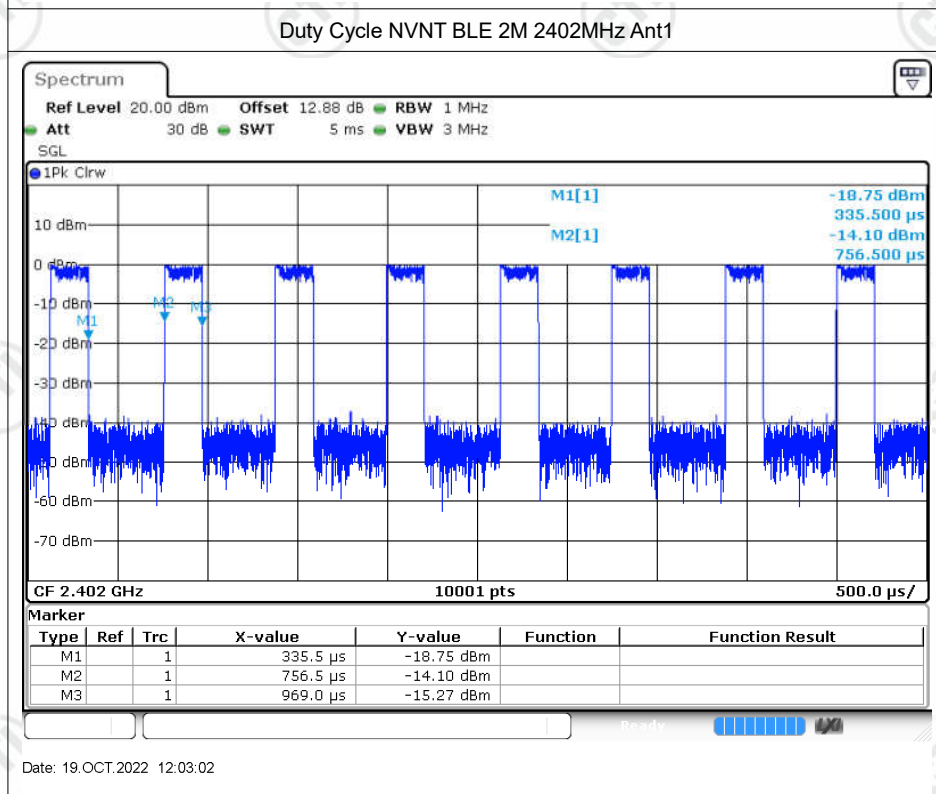
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	65.86	1.81	2.46
NVNT	BLE 1M	2440	Ant1	64.14	1.93	2.46
NVNT	BLE 1M	2480	Ant1	64.2	1.92	2.46
NVNT	BLE 2M	2402	Ant1	33.54	4.74	4.71
NVNT	BLE 2M	2440	Ant1	34.41	4.63	4.71
NVNT	BLE 2M	2480	Ant1	34.39	4.64	4.71

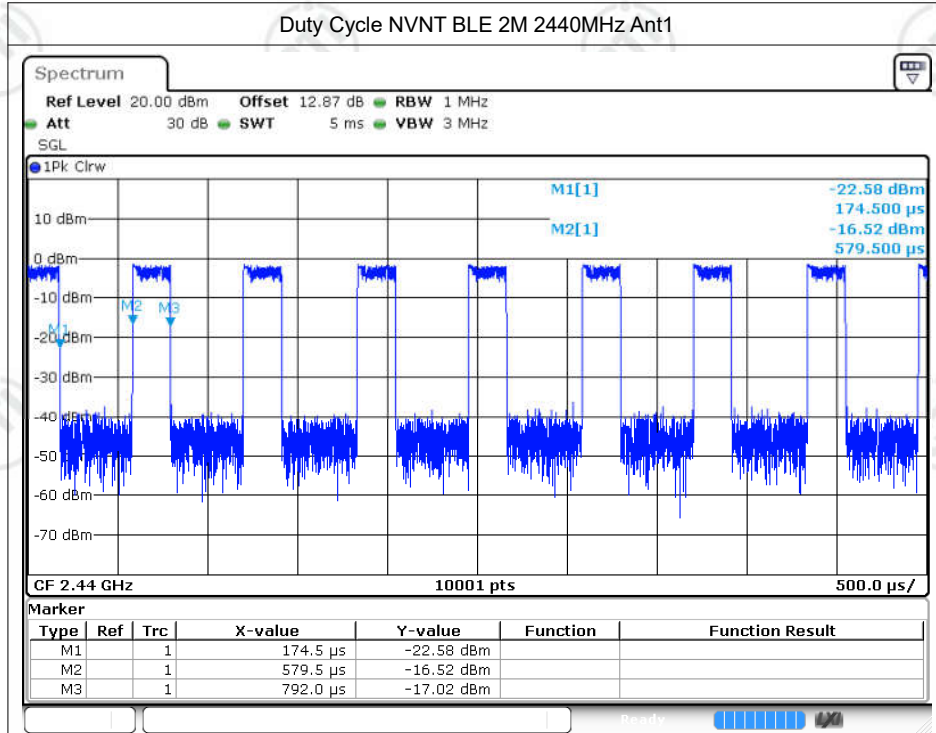




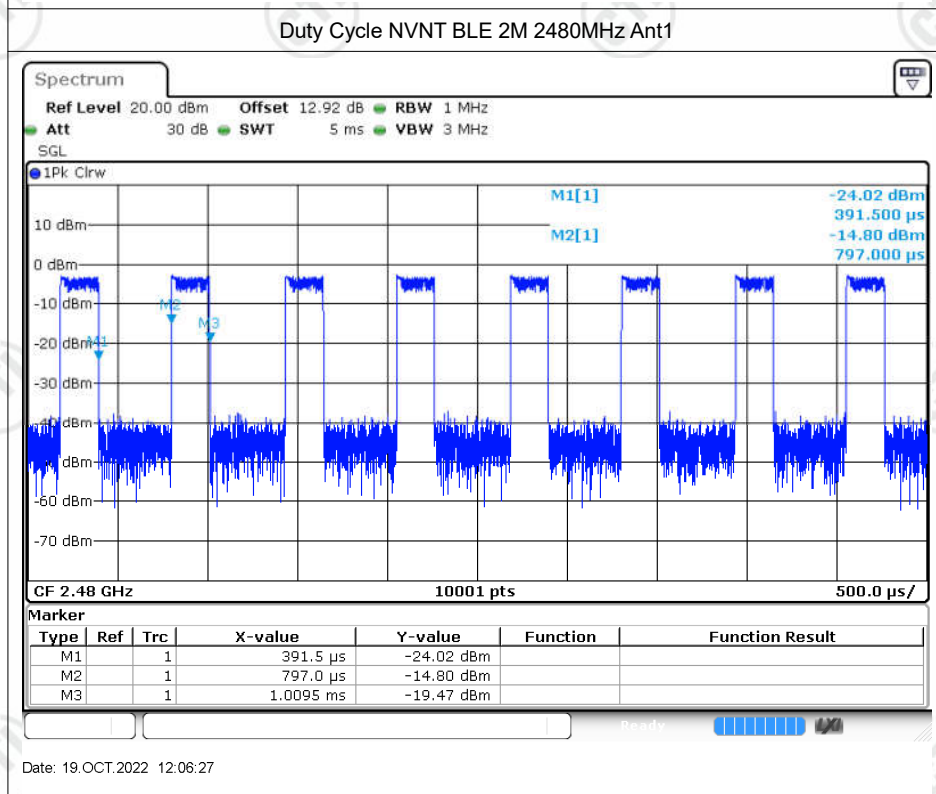
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Date: 19.OCT.2022 12:03:02



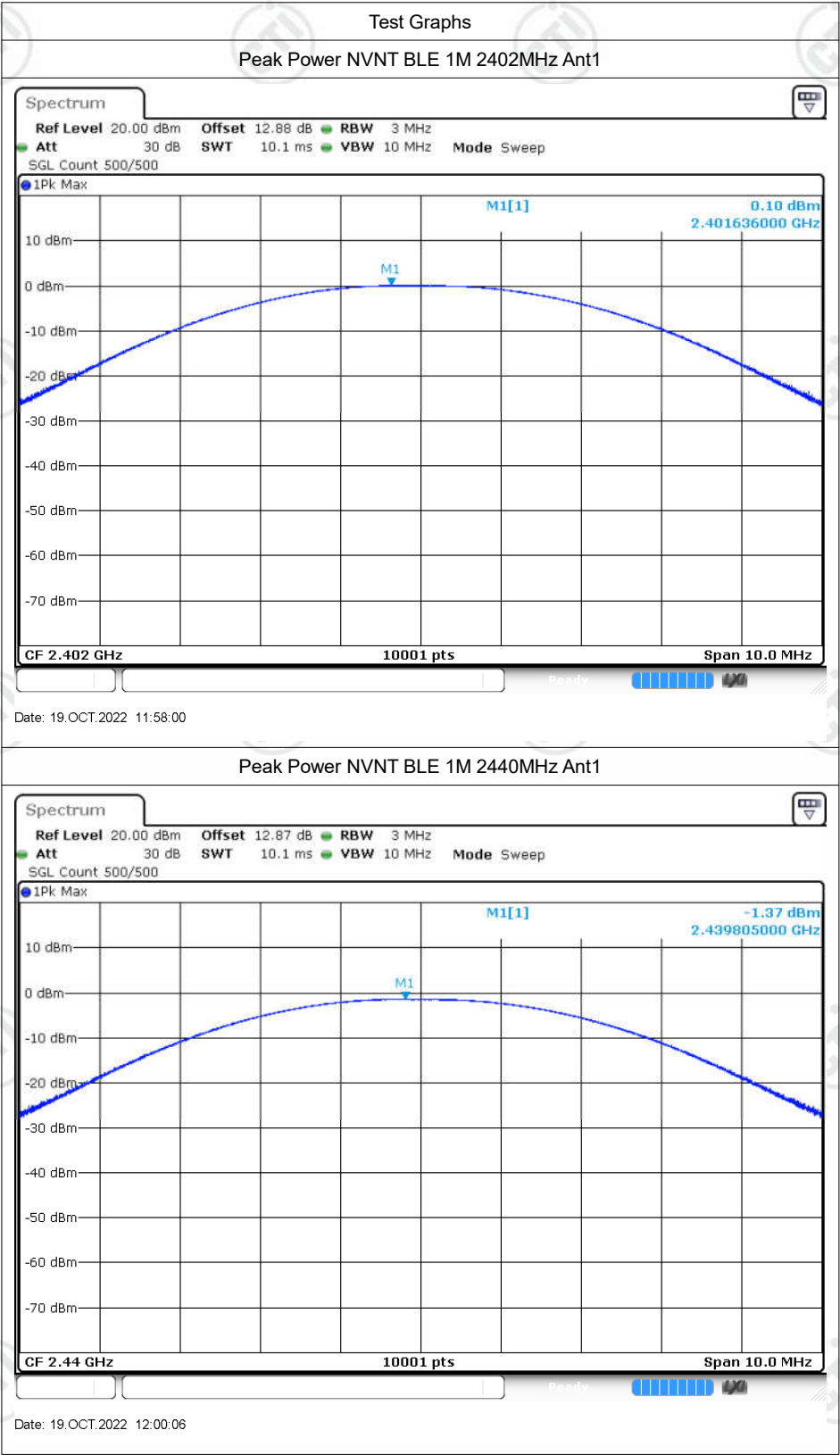
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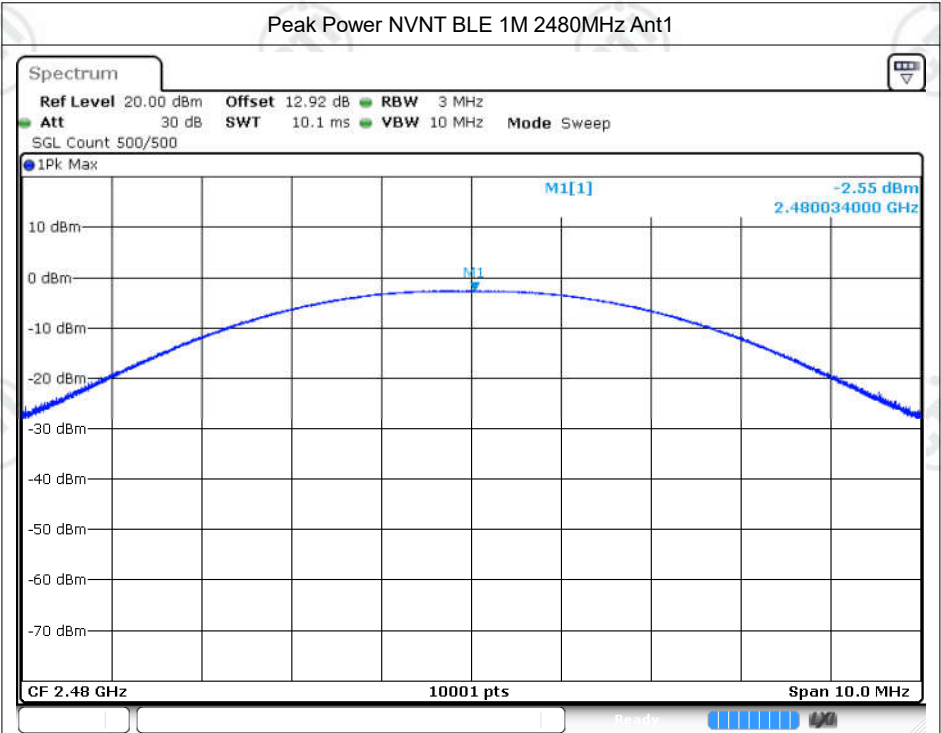


Date: 19.OCT.2022 12:06:27

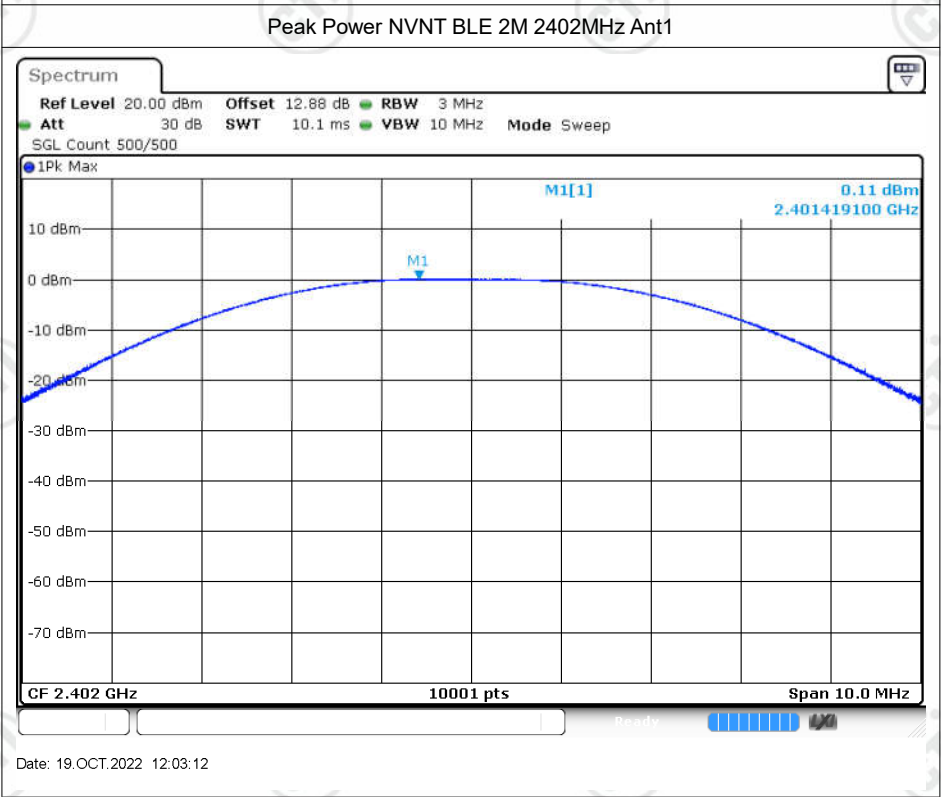
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.1	0	0.1	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.37	0	-1.37	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.55	0	-2.55	30	Pass
NVNT	BLE 2M	2402	Ant1	0.11	0	0.11	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.39	0	-1.39	30	Pass
NVNT	BLE 2M	2480	Ant1	-2.59	0	-2.59	30	Pass

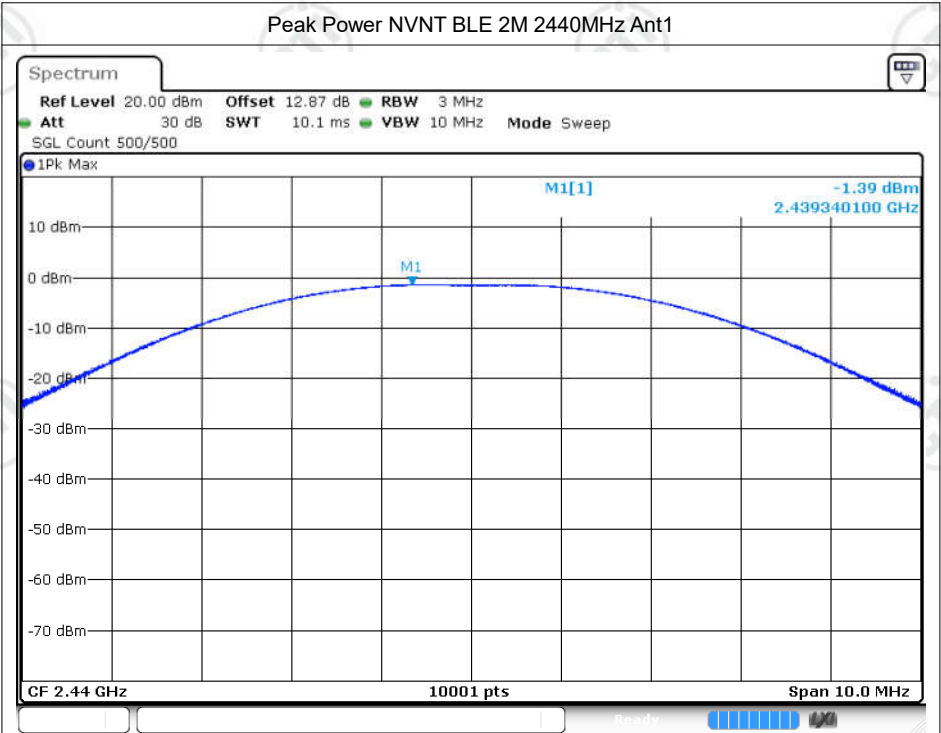




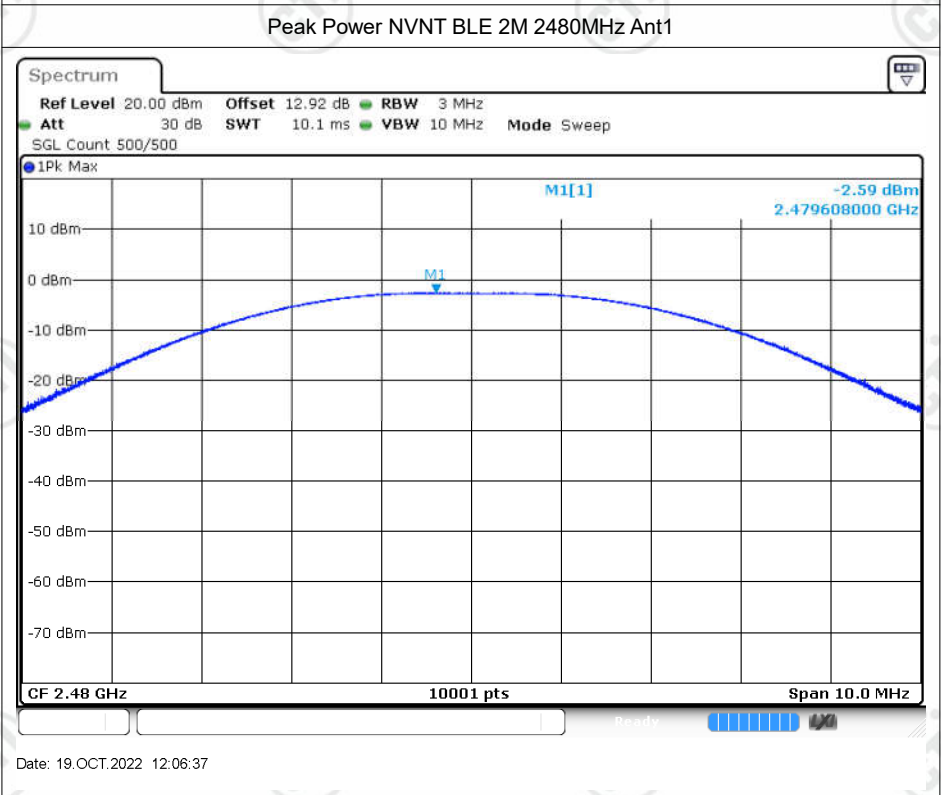
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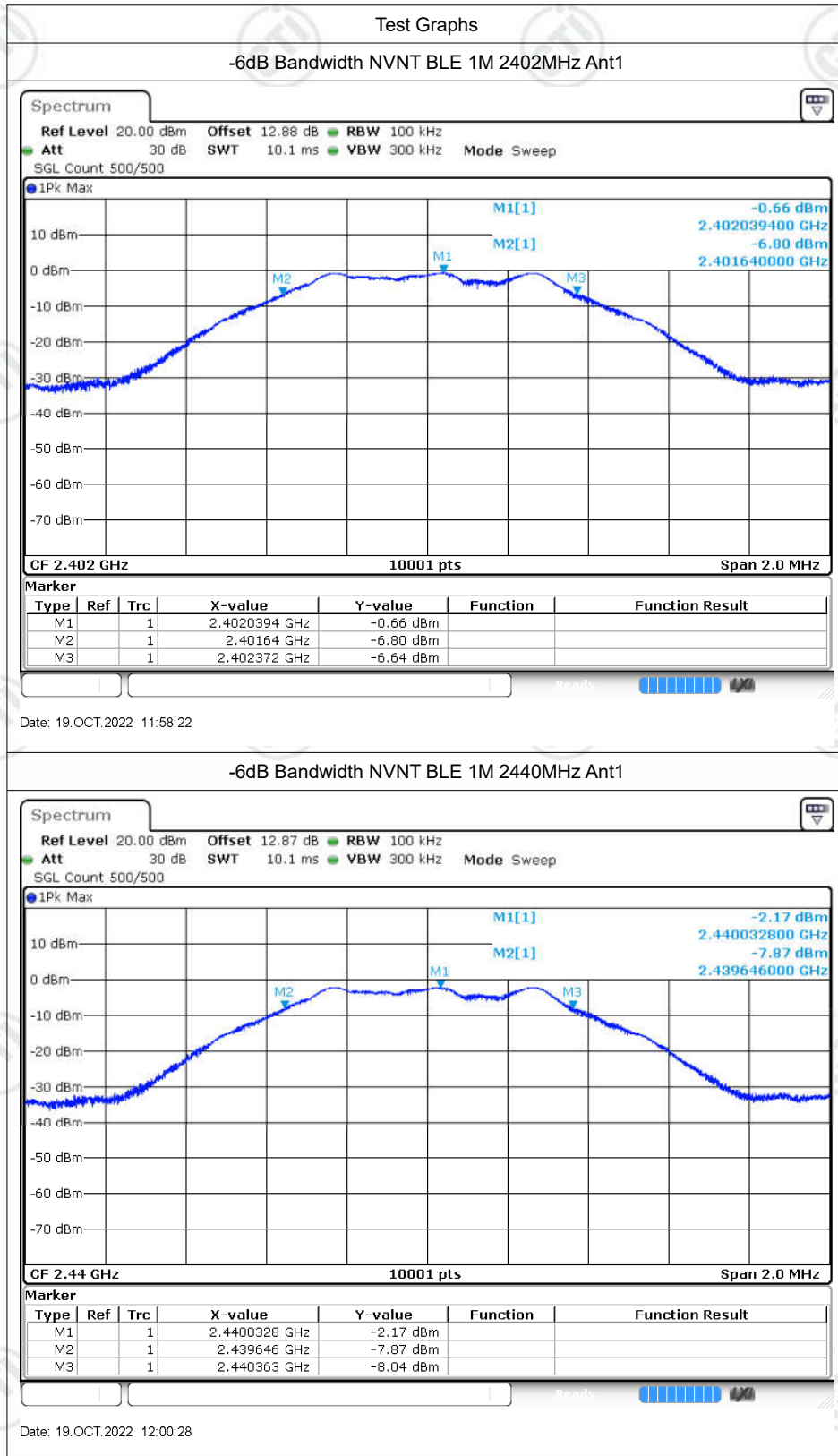
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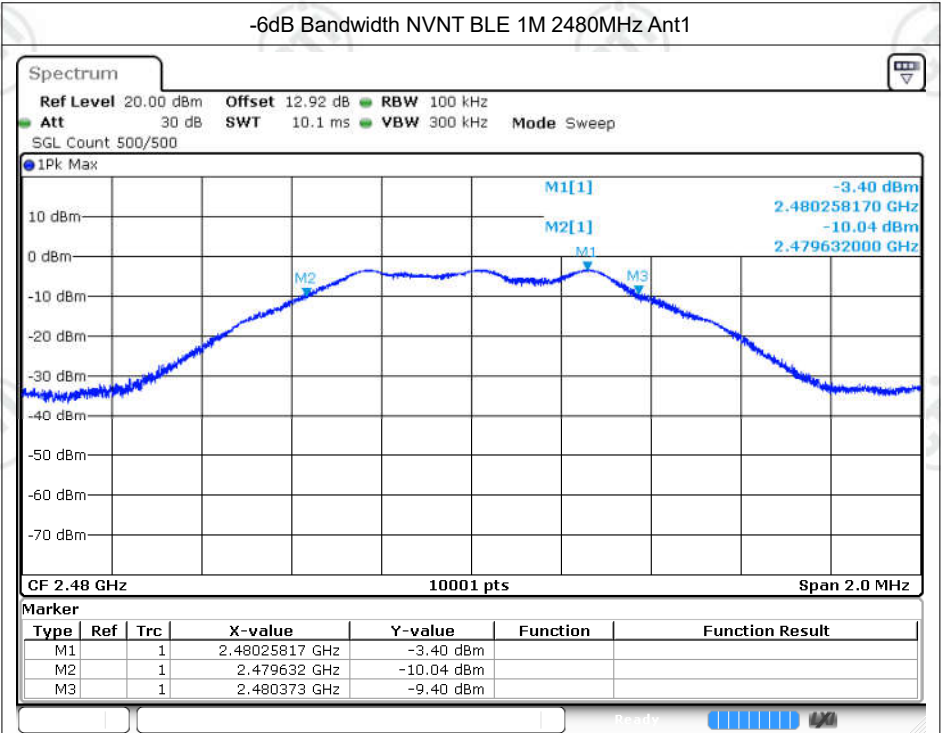


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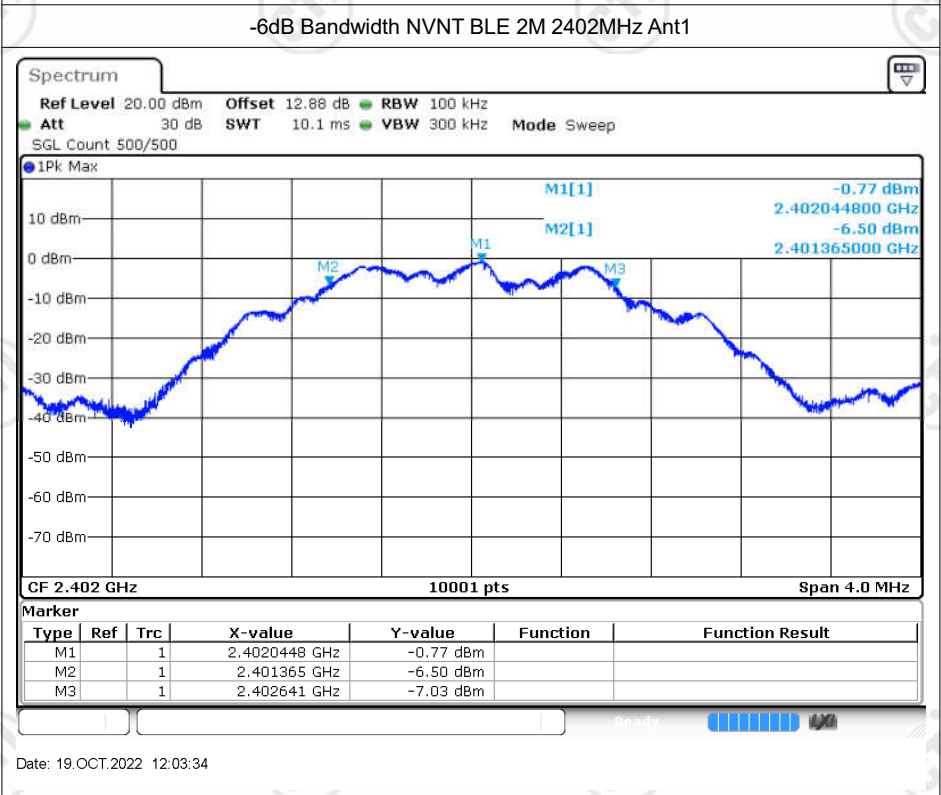
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.732	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.717	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.741	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.276	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.26	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.269	0.5	Pass

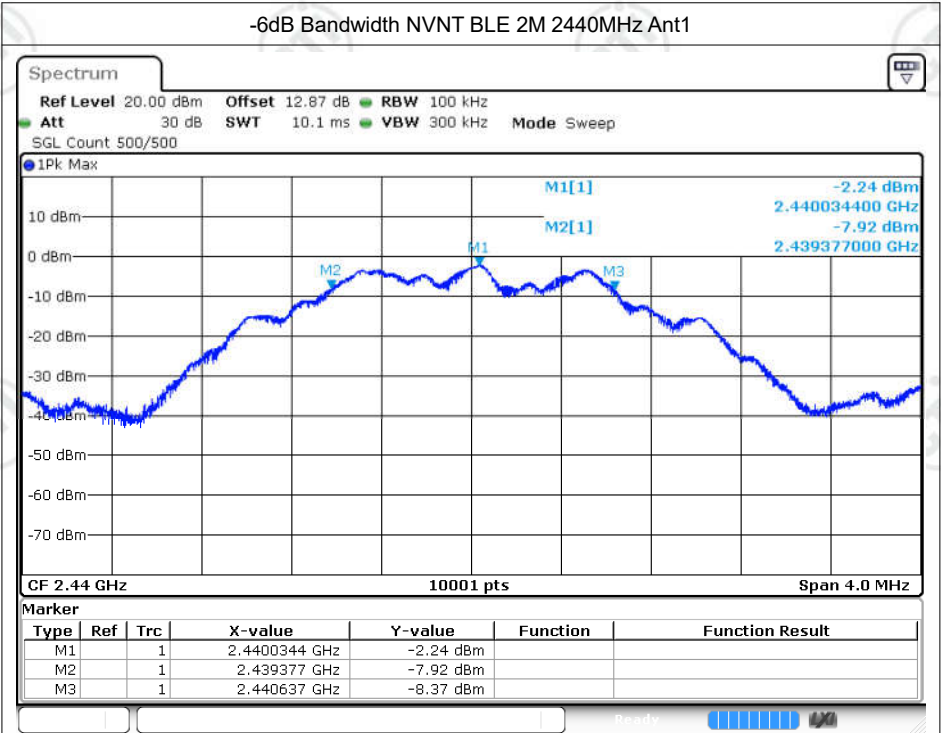




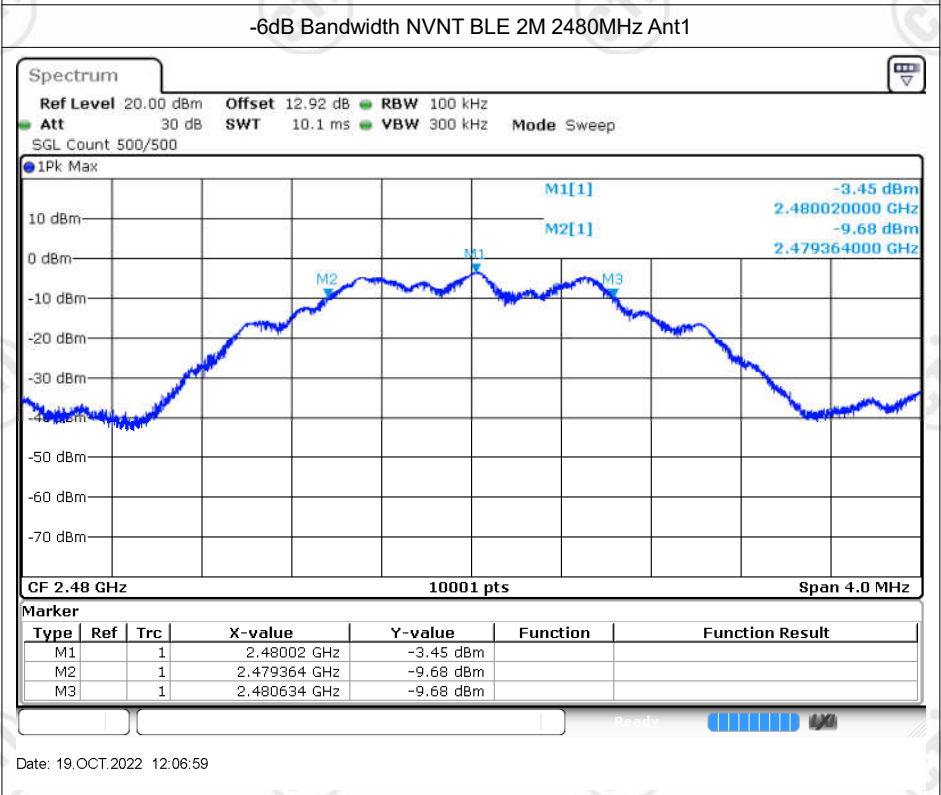
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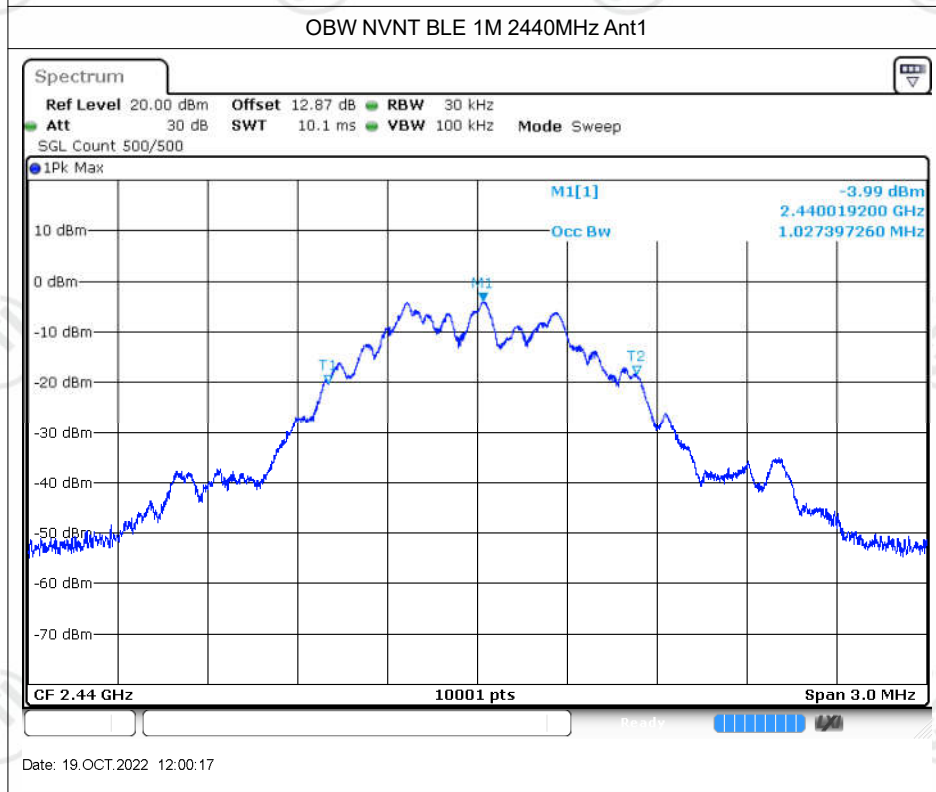
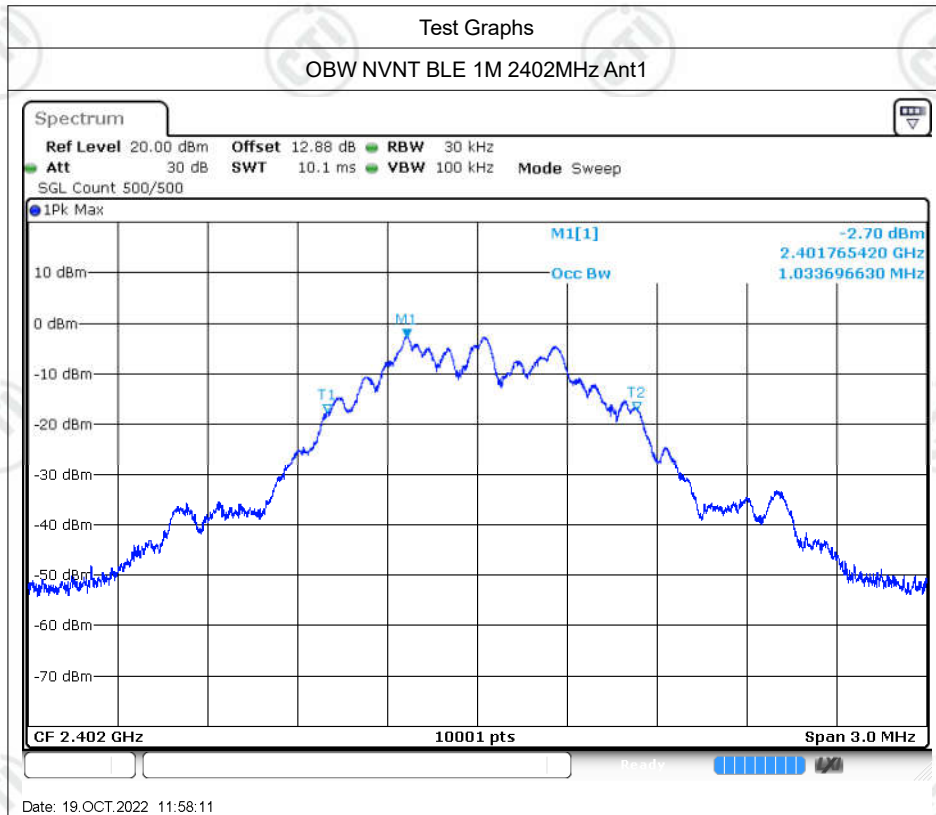
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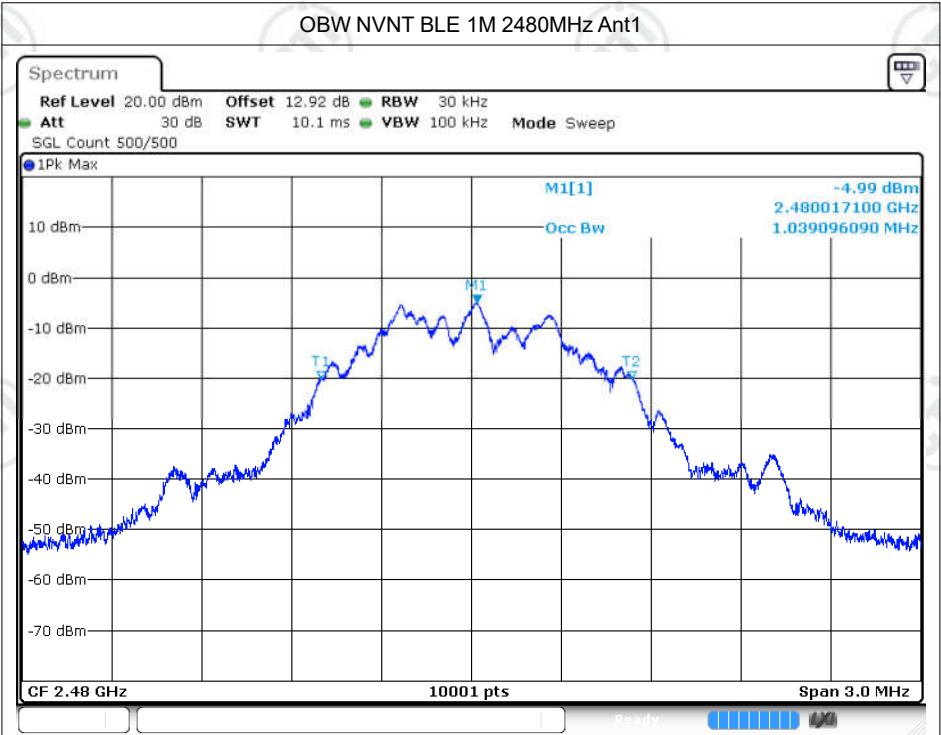


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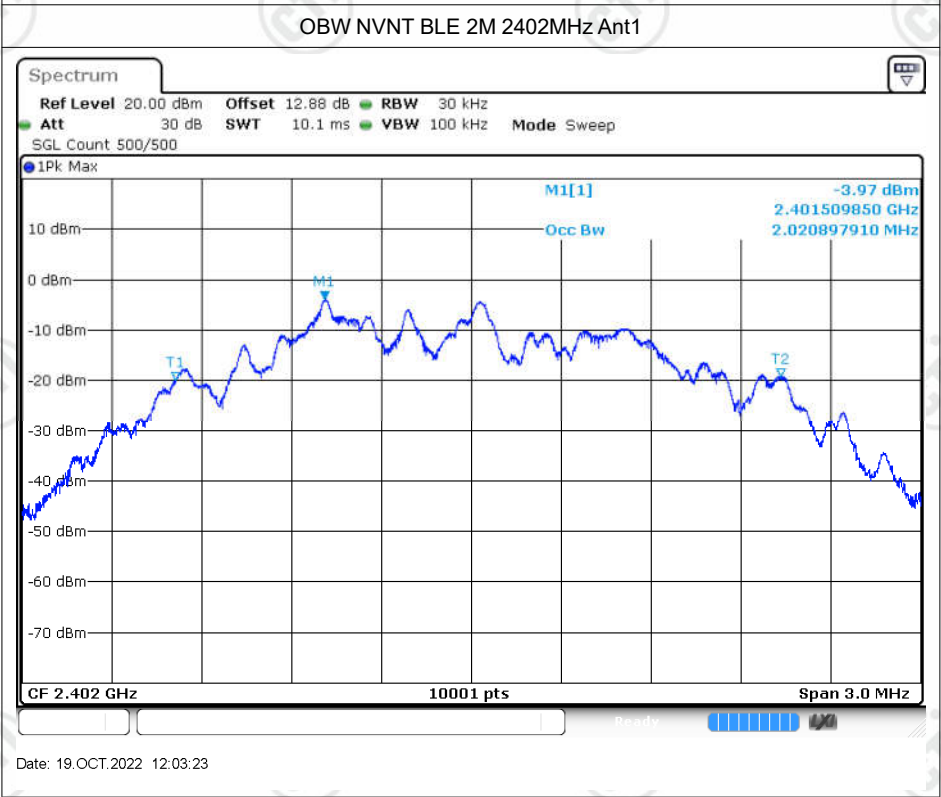
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.034
NVNT	BLE 1M	2440	Ant1	1.027
NVNT	BLE 1M	2480	Ant1	1.039
NVNT	BLE 2M	2402	Ant1	2.021
NVNT	BLE 2M	2440	Ant1	2.019
NVNT	BLE 2M	2480	Ant1	2.024

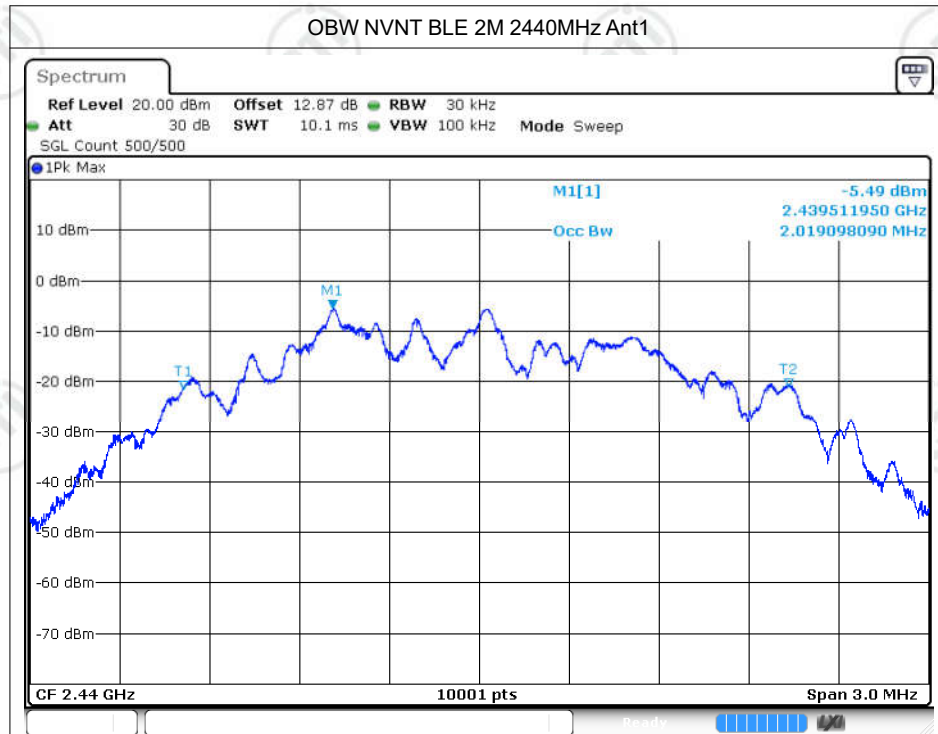




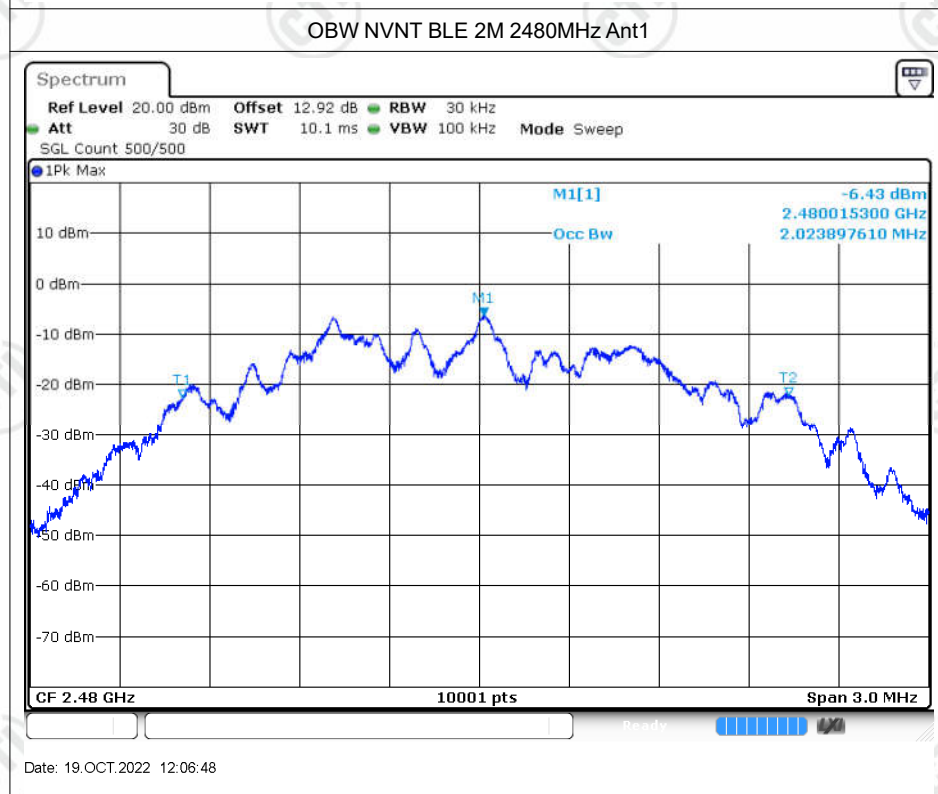
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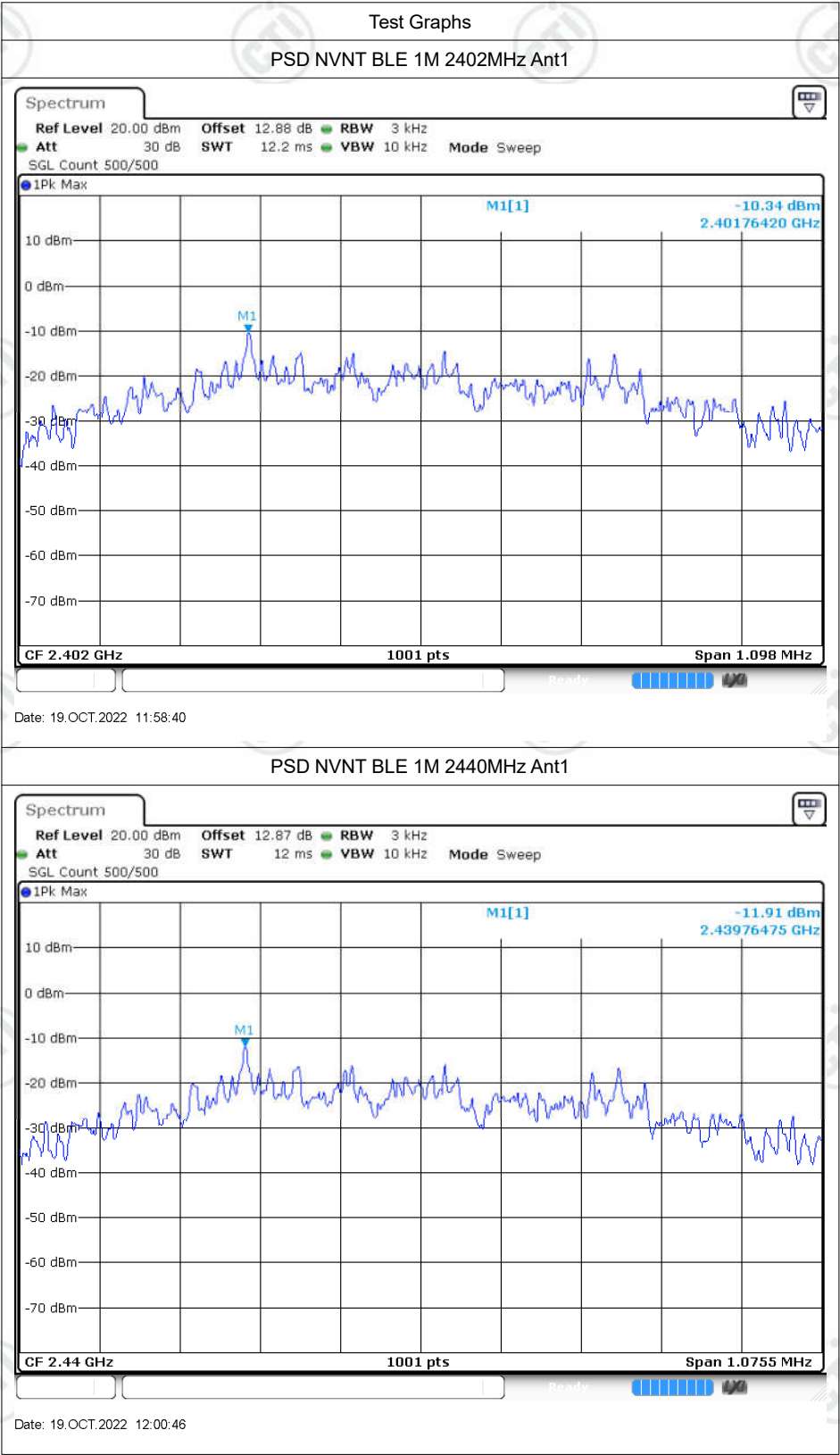
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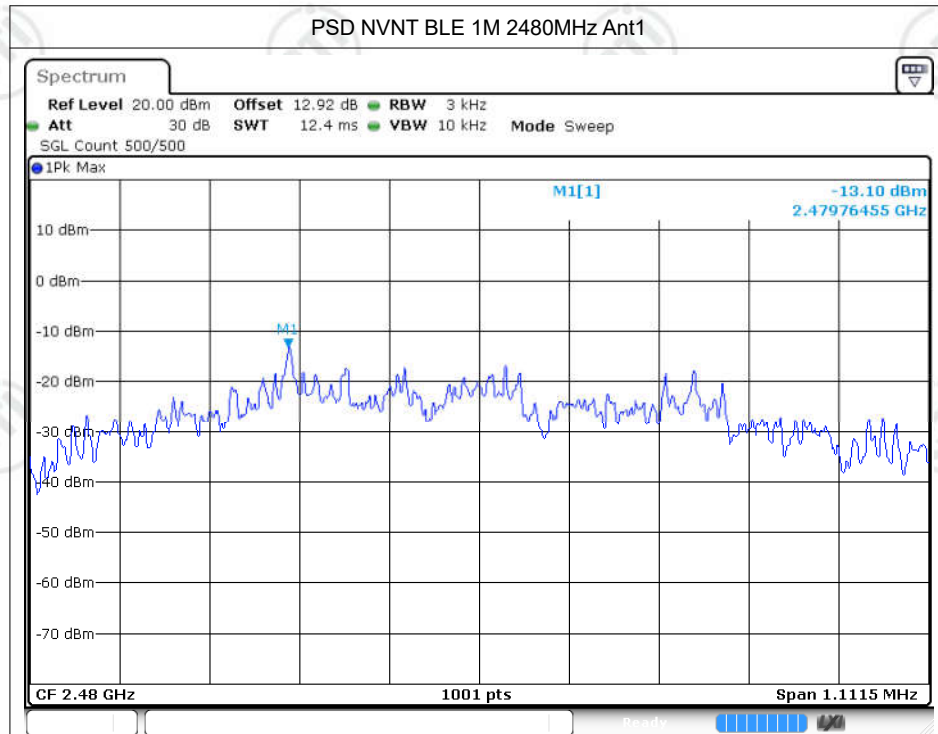


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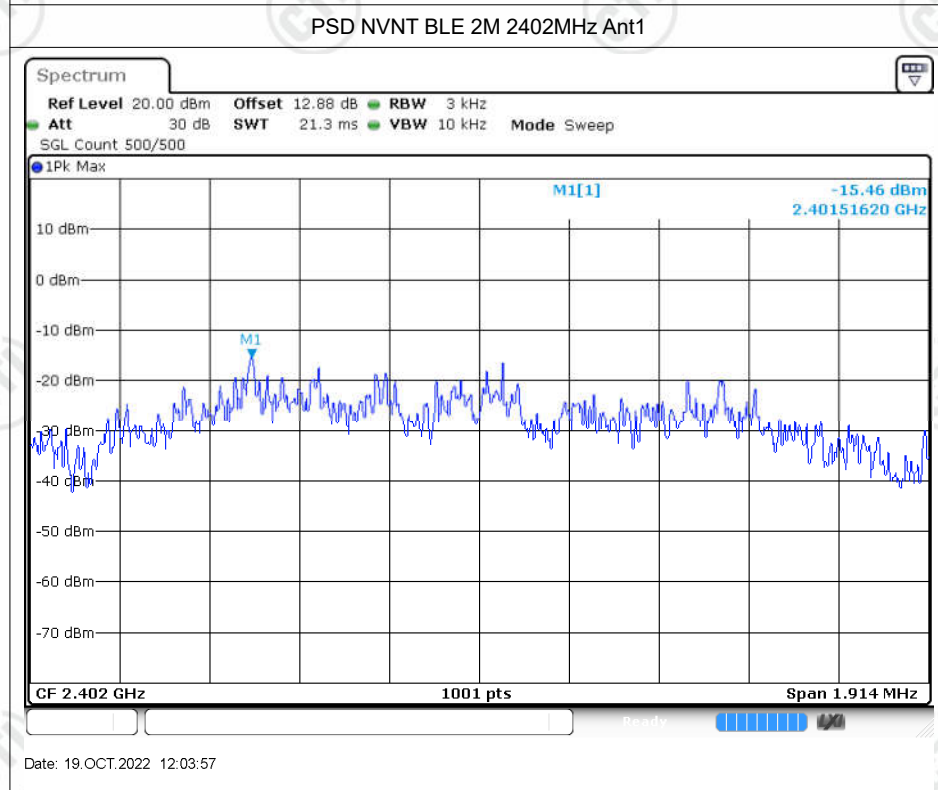
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-10.34	0	-10.34	8	Pass
NVNT	BLE 1M	2440	Ant1	-11.91	0	-11.91	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.1	0	-13.1	8	Pass
NVNT	BLE 2M	2402	Ant1	-15.46	0	-15.46	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.04	0	-17.04	8	Pass
NVNT	BLE 2M	2480	Ant1	-18.33	0	-18.33	8	Pass

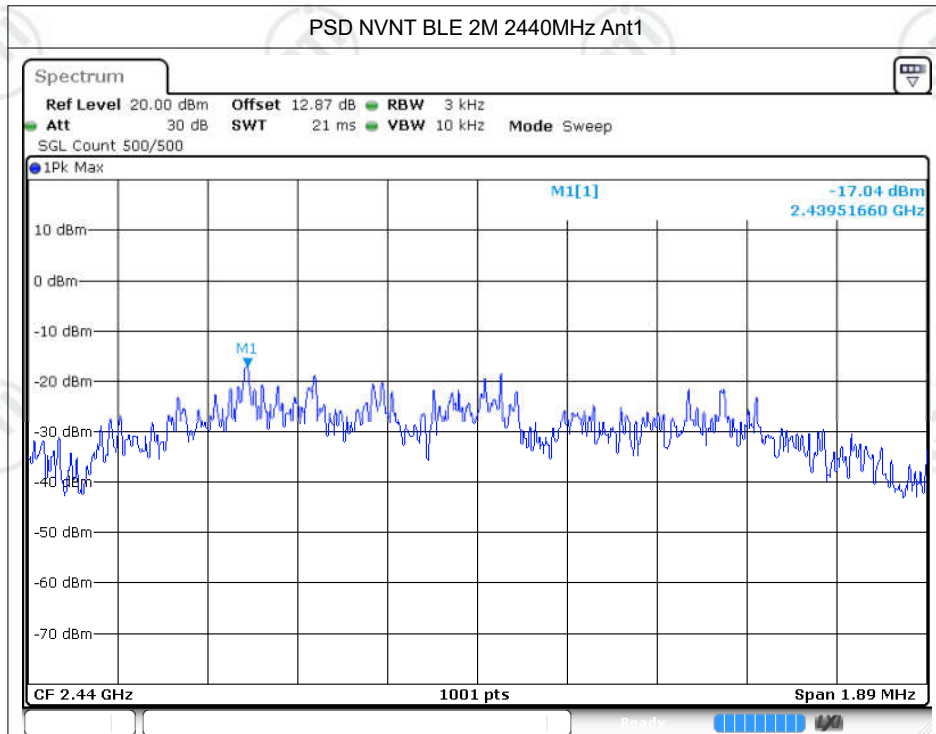




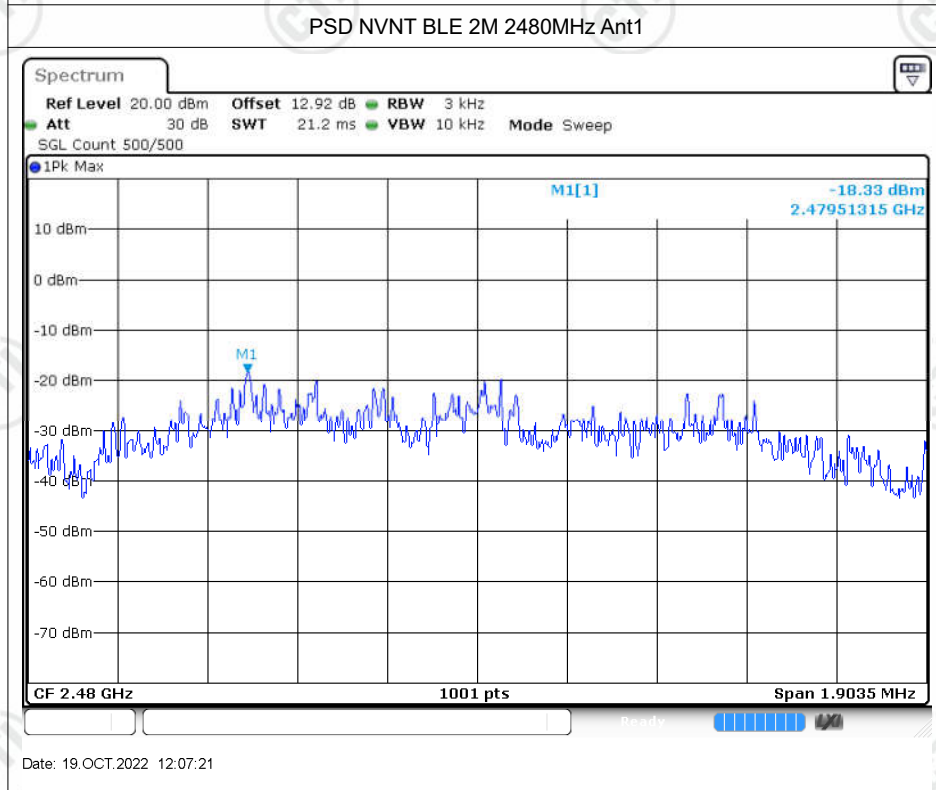
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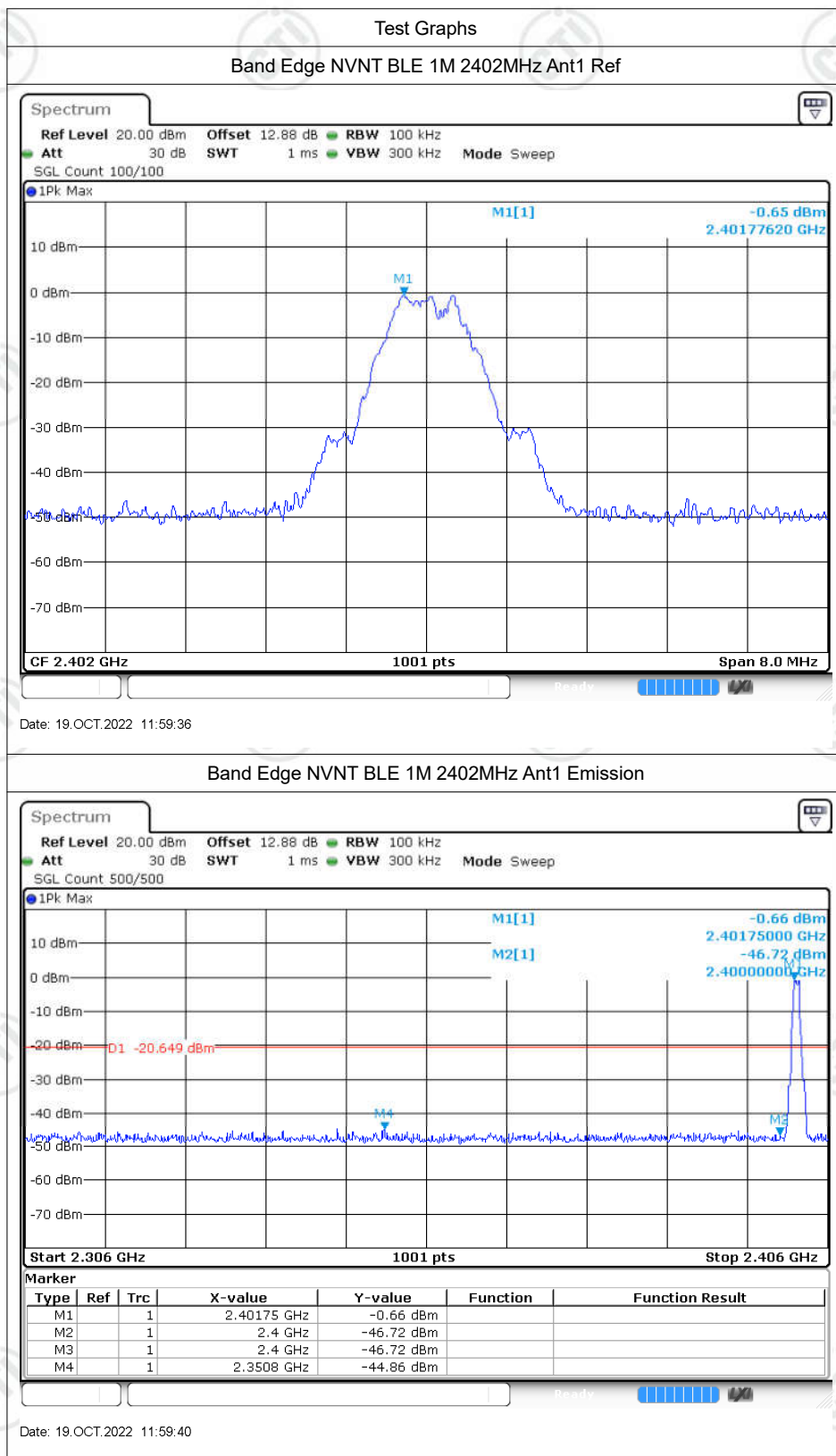
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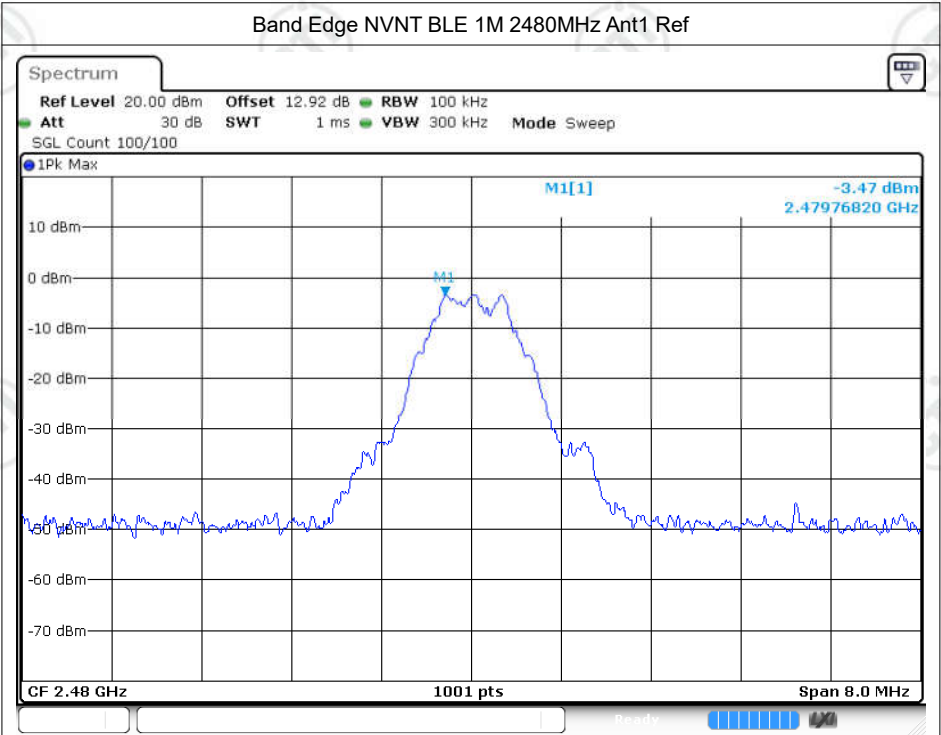


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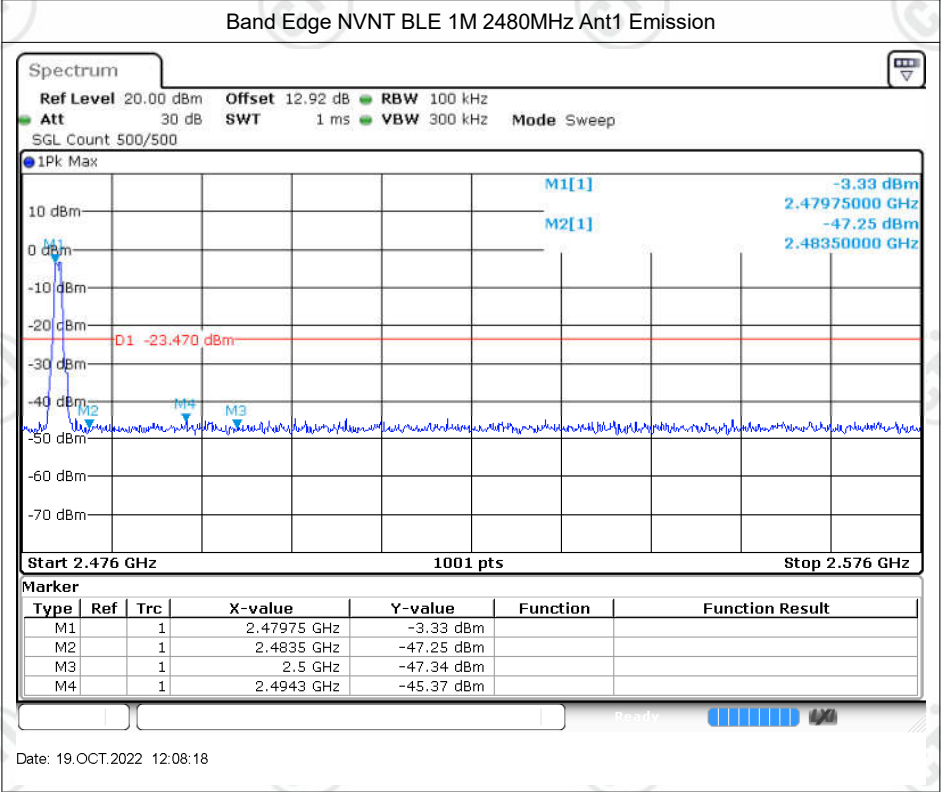
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.2	-20	Pass
NVNT	BLE 1M	2480	Ant1	-41.89	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.68	-20	Pass
NVNT	BLE 2M	2480	Ant1	-41.4	-20	Pass

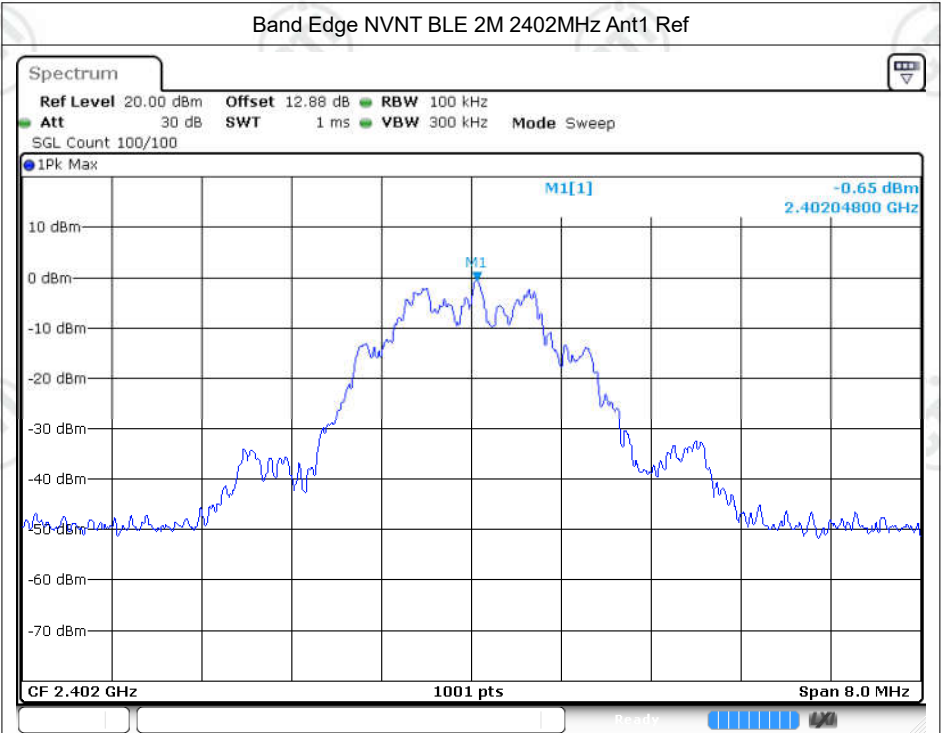




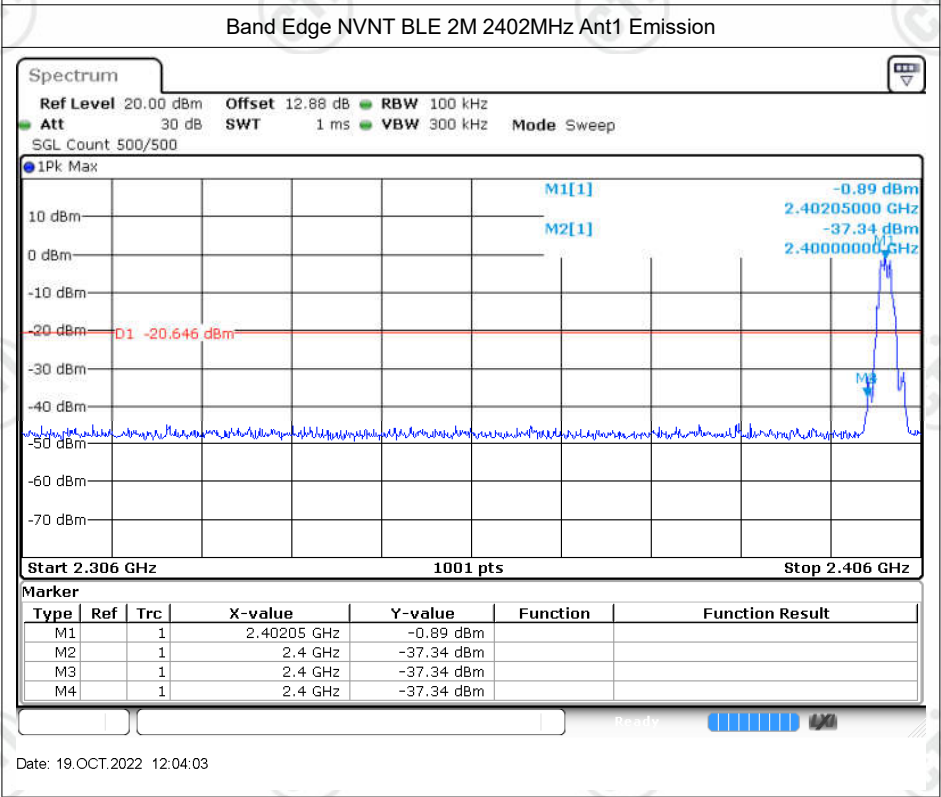
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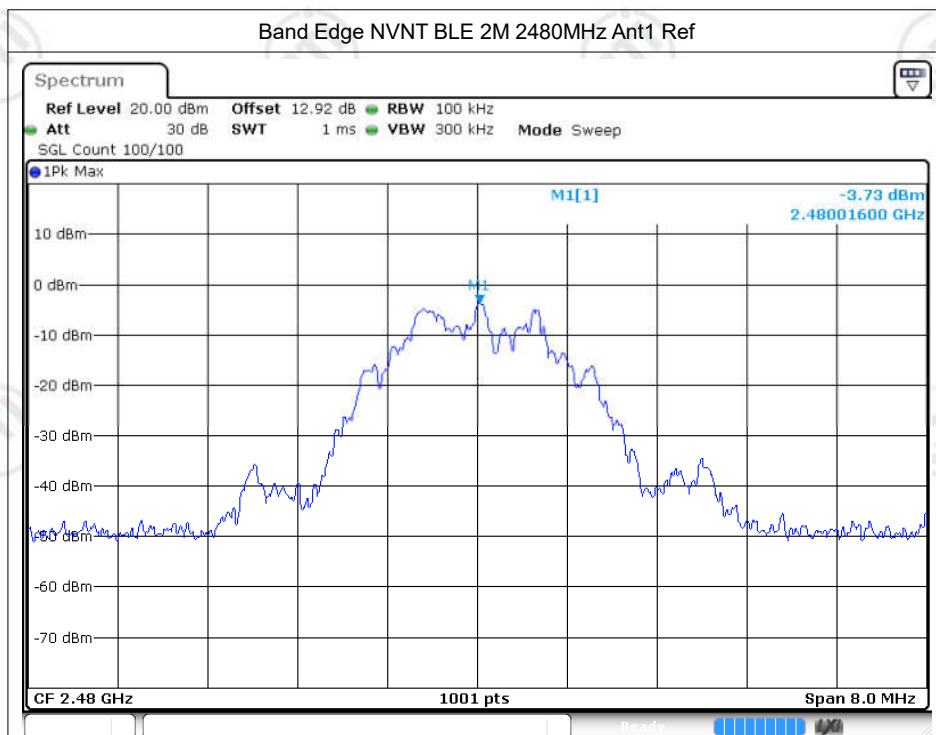
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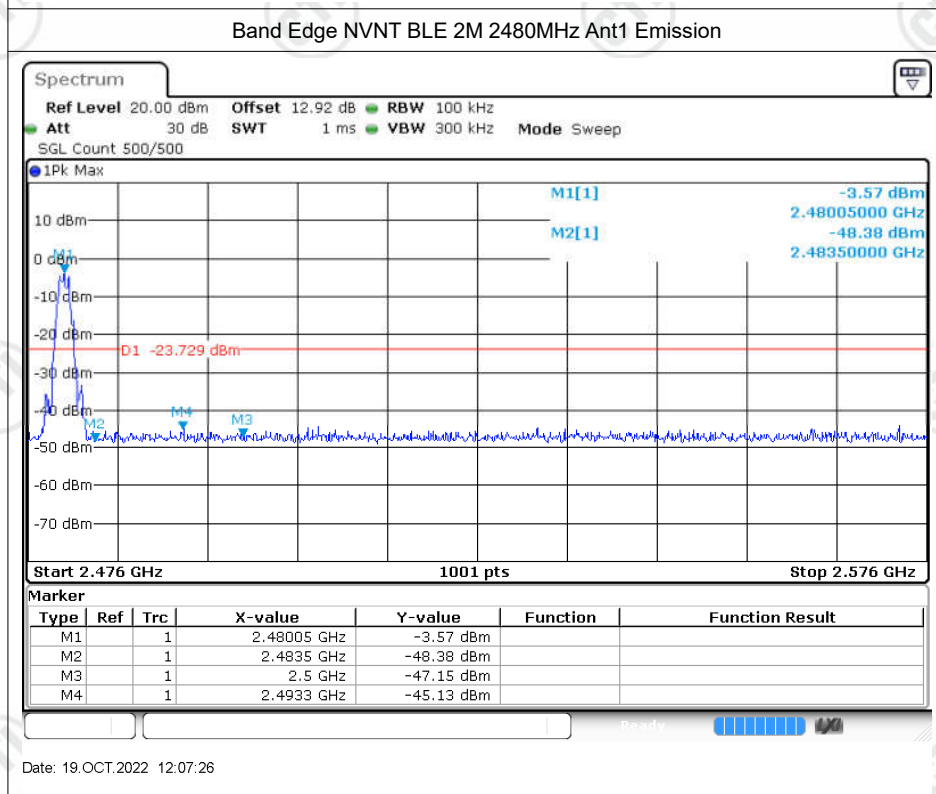
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Date: 19.OCT.2022 12:04:03



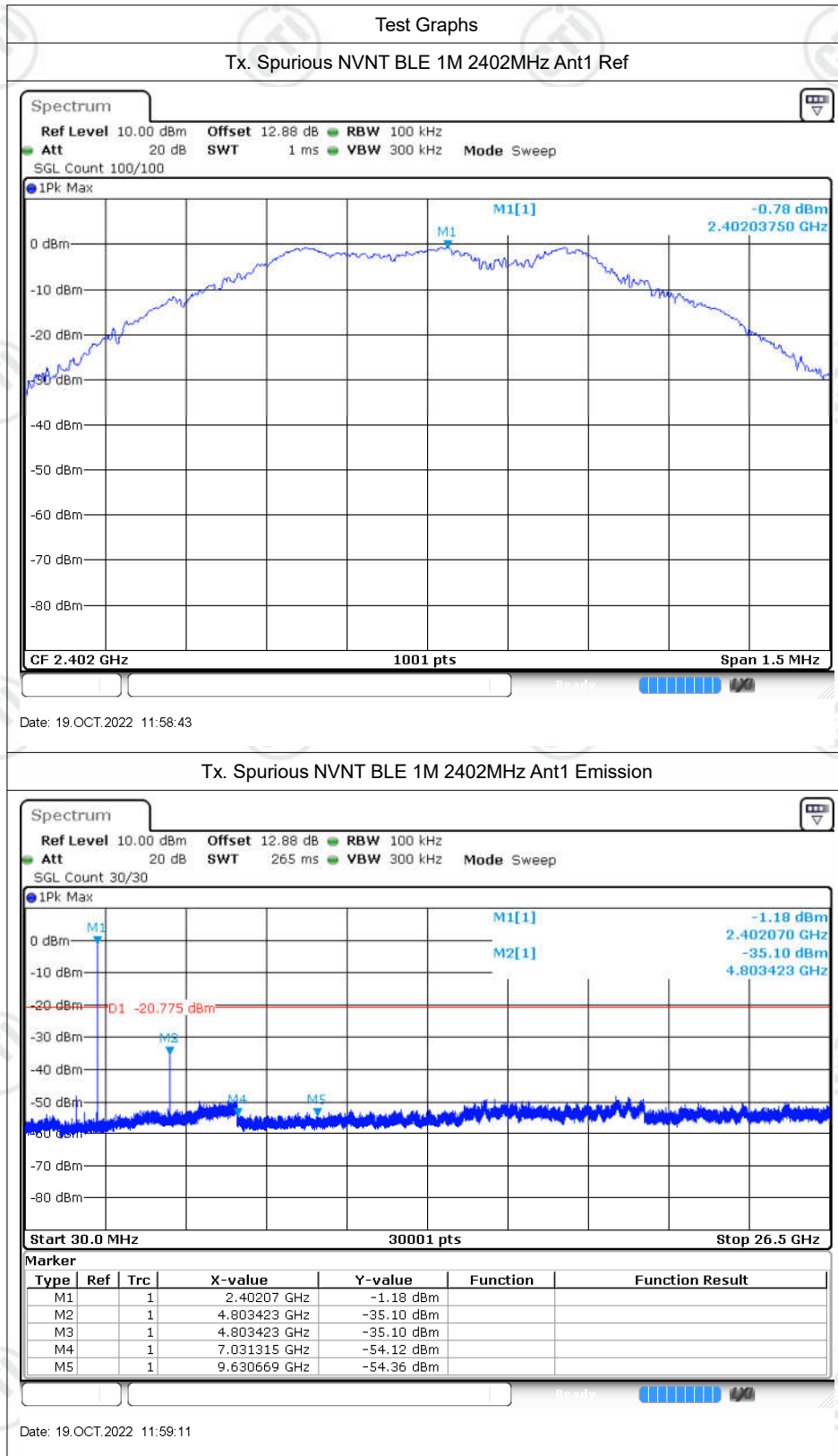
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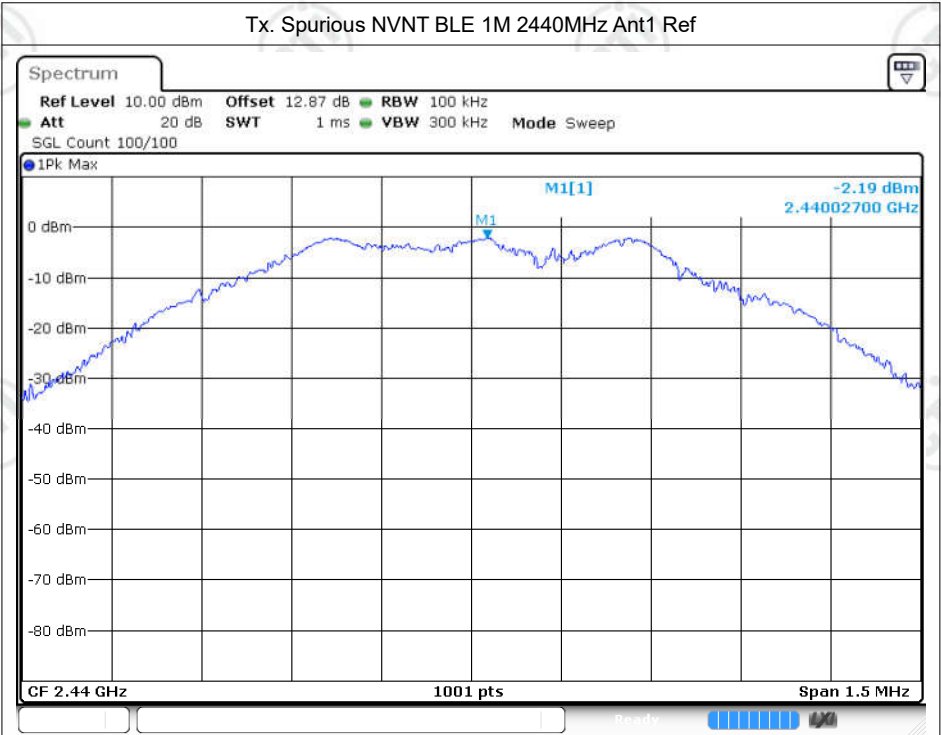


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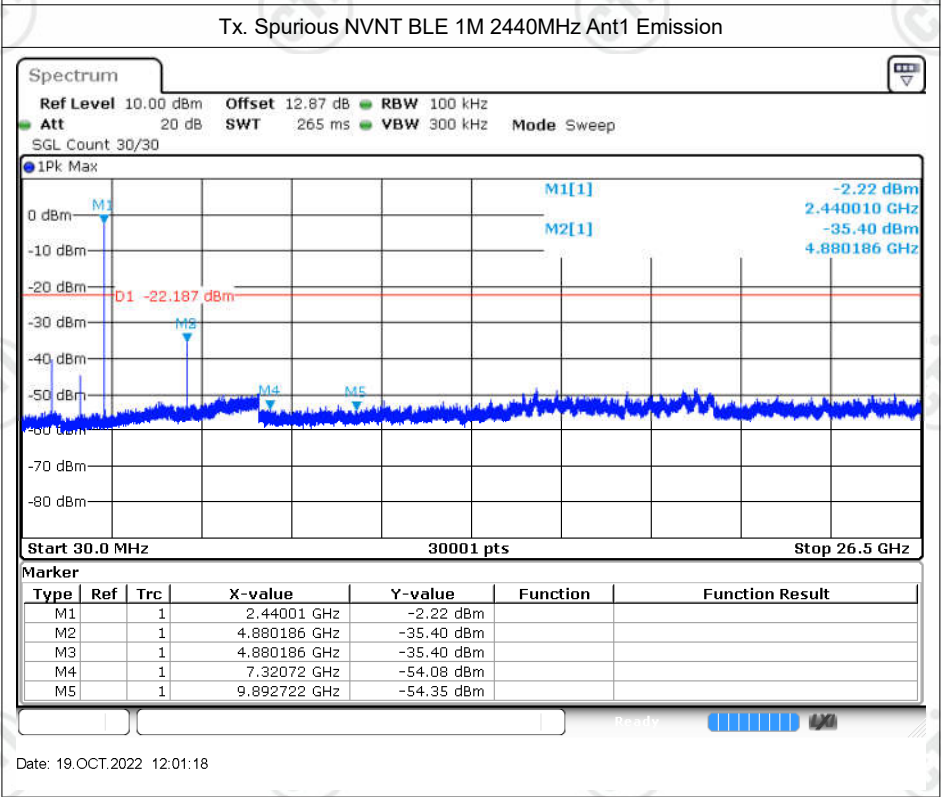
Conducted RF Spurious Emission

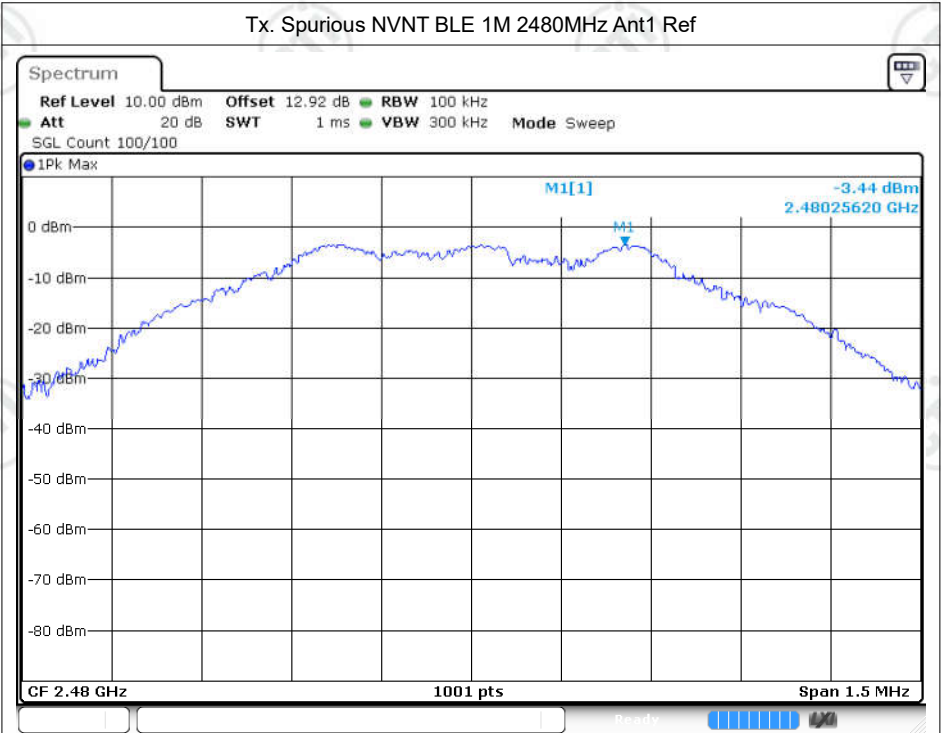
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-34.32	-20	Pass
NVNT	BLE 1M	2440	Ant1	-33.2	-20	Pass
NVNT	BLE 1M	2480	Ant1	-34.57	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.75	-20	Pass
NVNT	BLE 2M	2440	Ant1	-34.29	-20	Pass
NVNT	BLE 2M	2480	Ant1	-34.93	-20	Pass



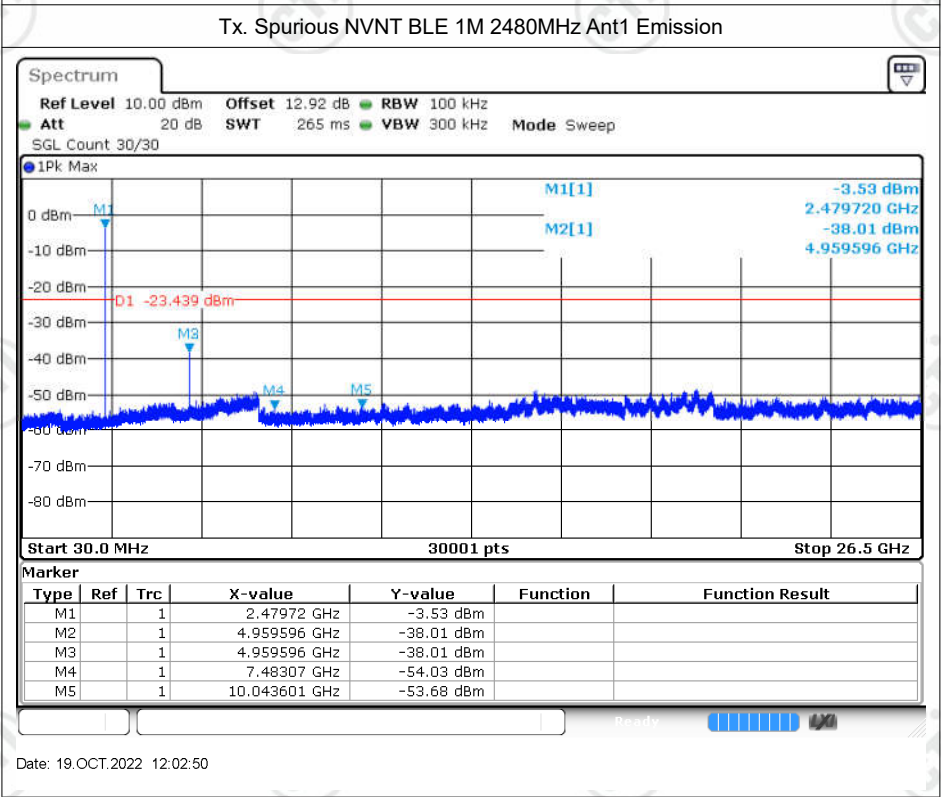


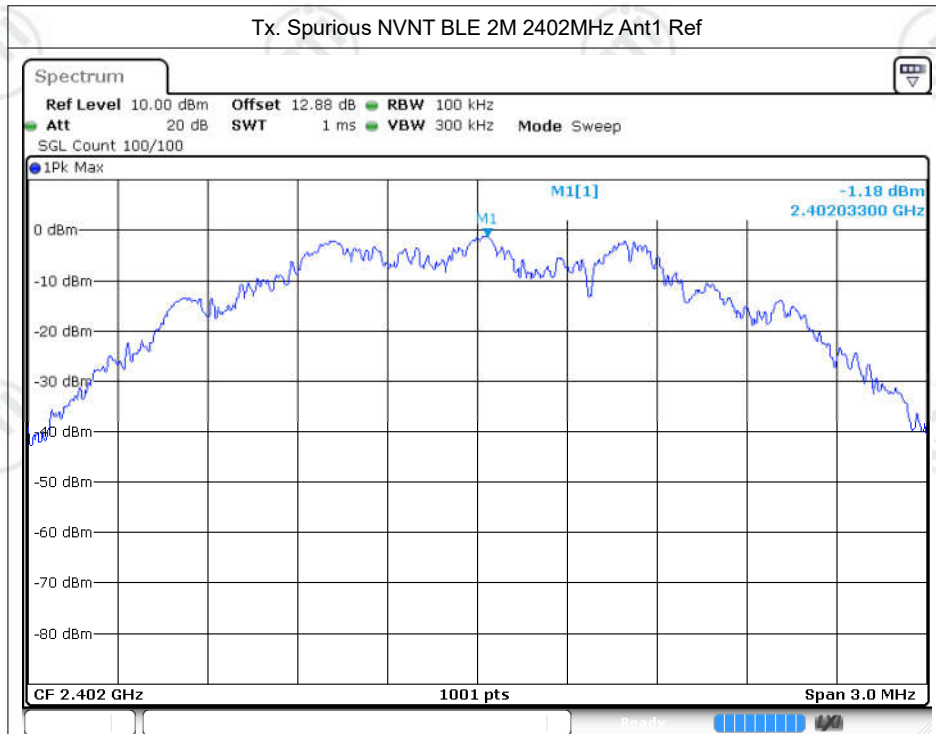
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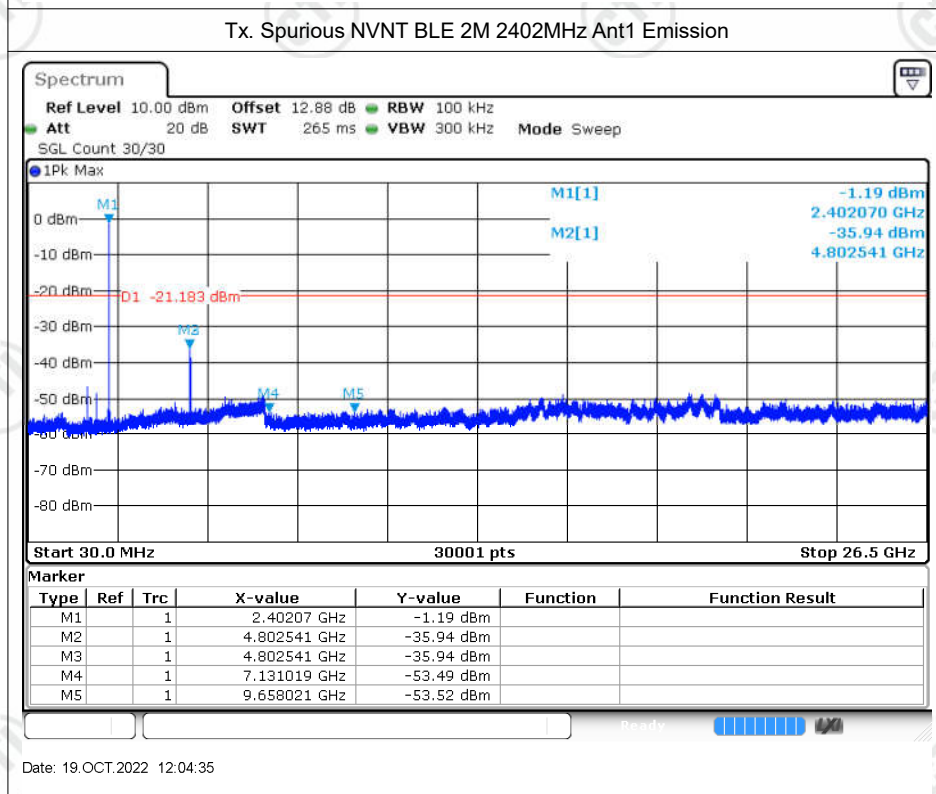


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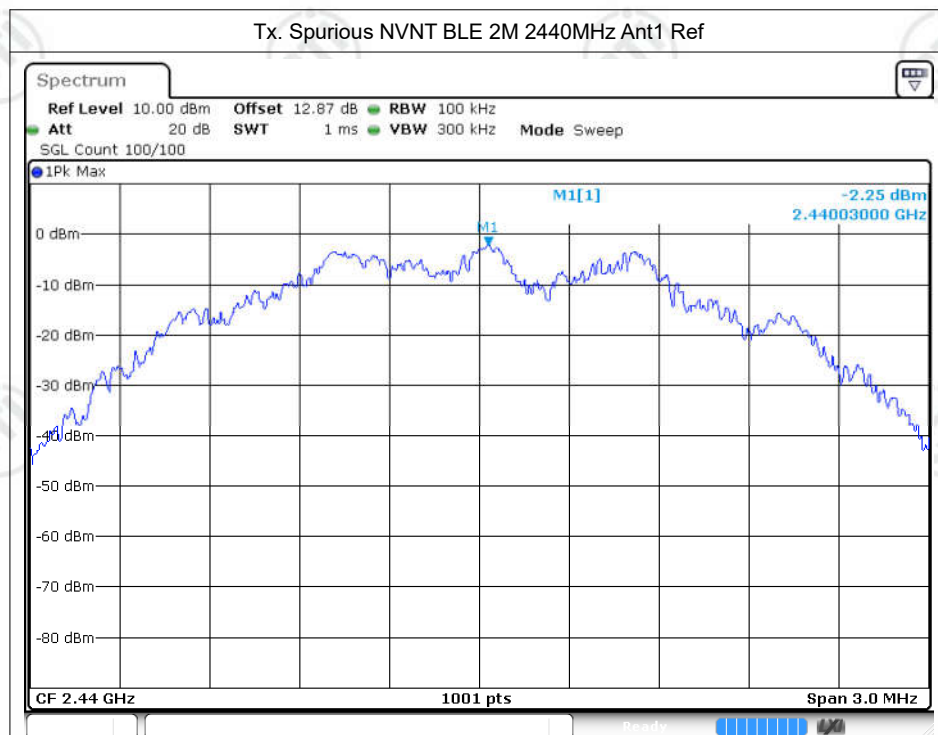




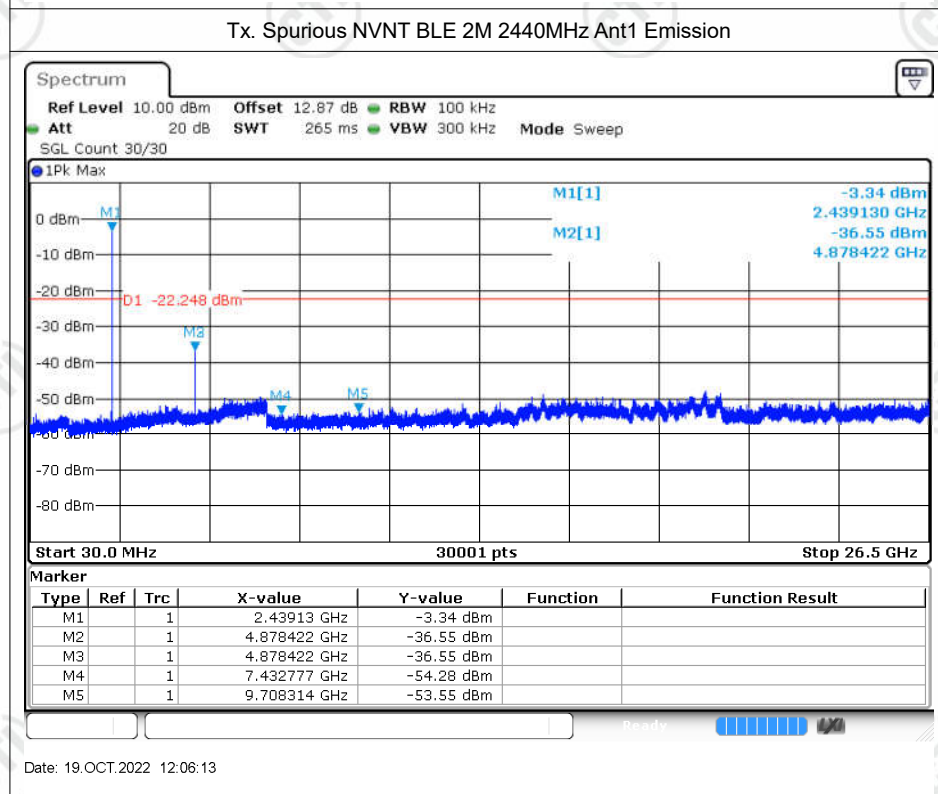
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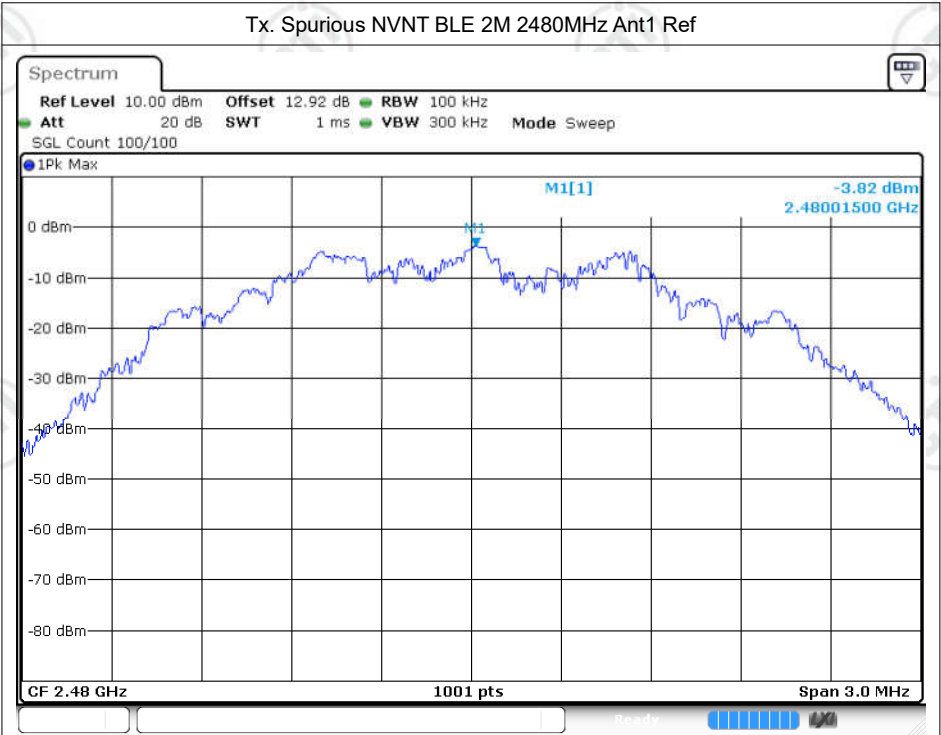
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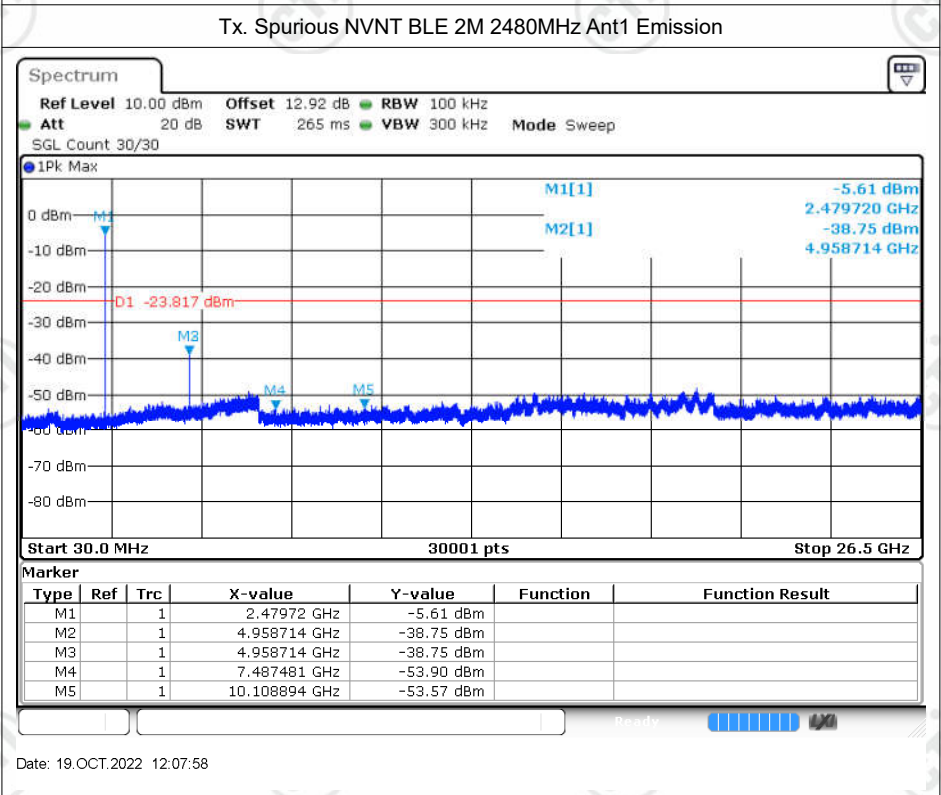
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*** End of Report ***