

Appendix: Bluetooth LE

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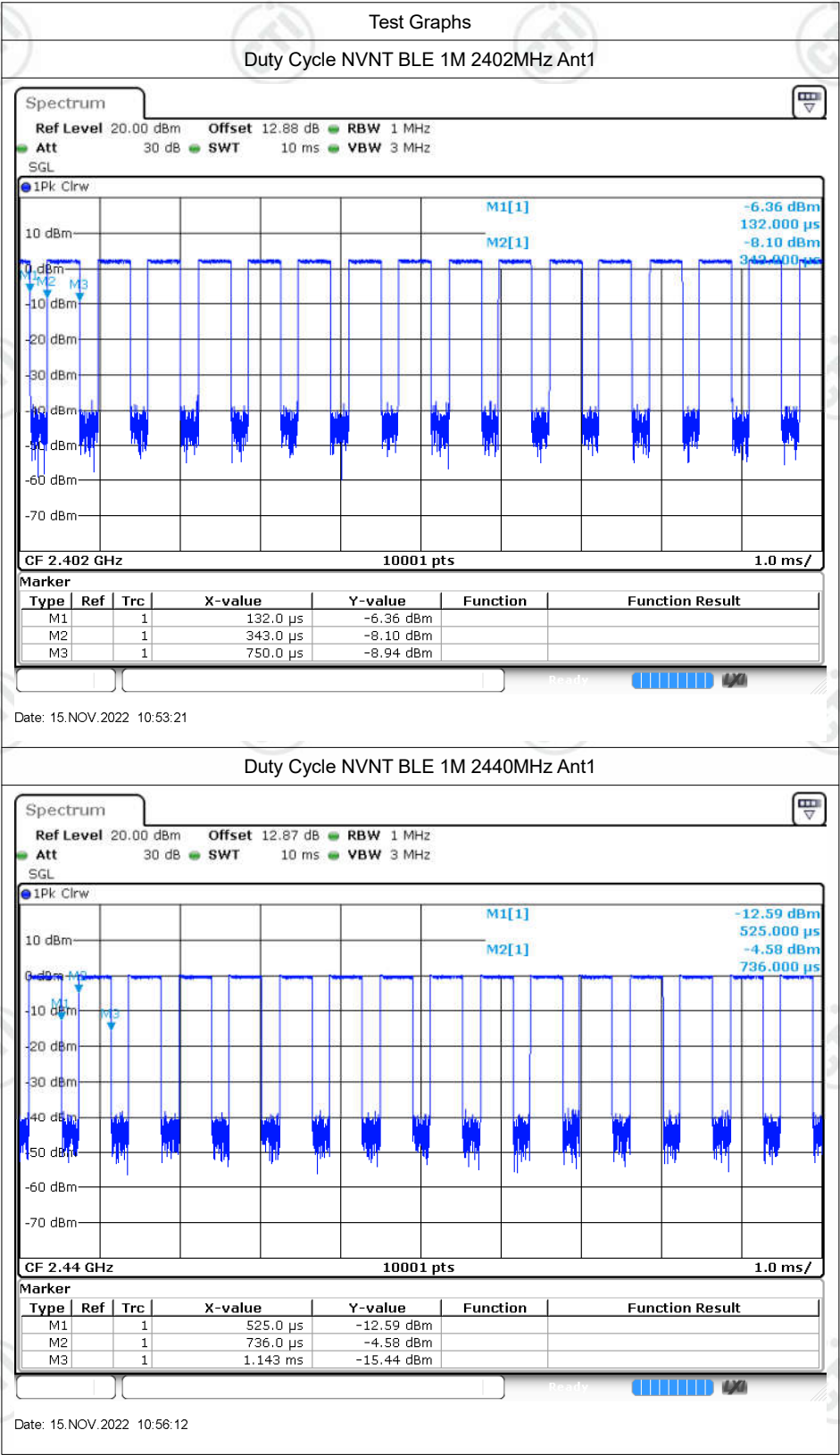
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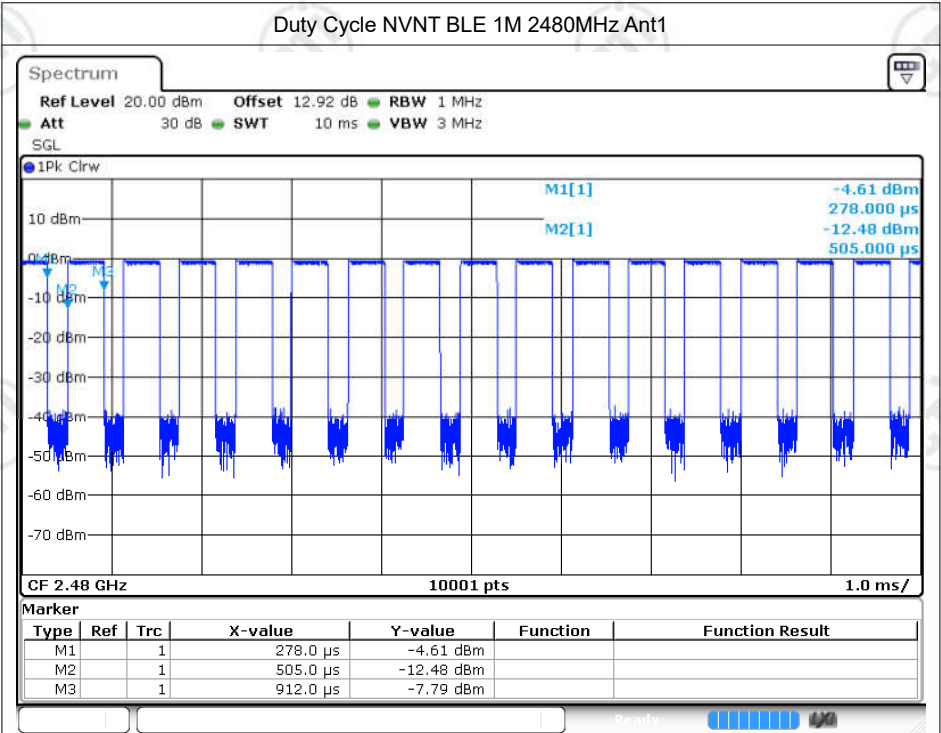
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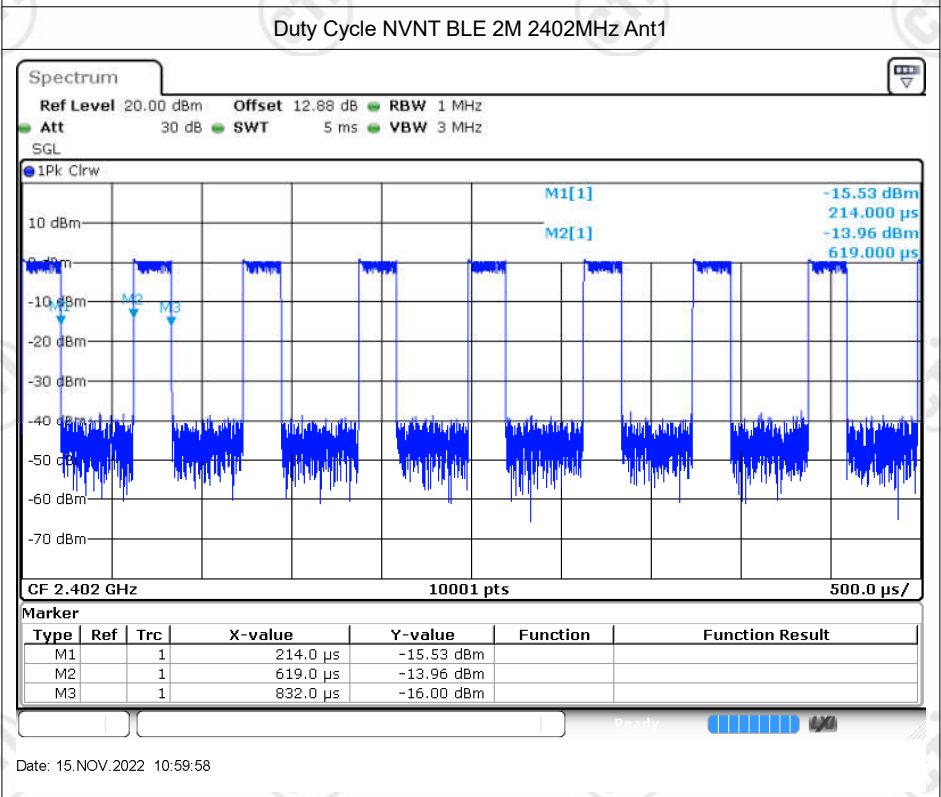
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	65.86	1.81	2.46
NVNT	BLE 1M	2440	Ant1	65.86	1.81	2.46
NVNT	BLE 1M	2480	Ant1	64.2	1.92	2.46
NVNT	BLE 2M	2402	Ant1	34.47	4.63	4.69
NVNT	BLE 2M	2440	Ant1	33.6	4.74	4.69
NVNT	BLE 2M	2480	Ant1	34.47	4.63	4.69

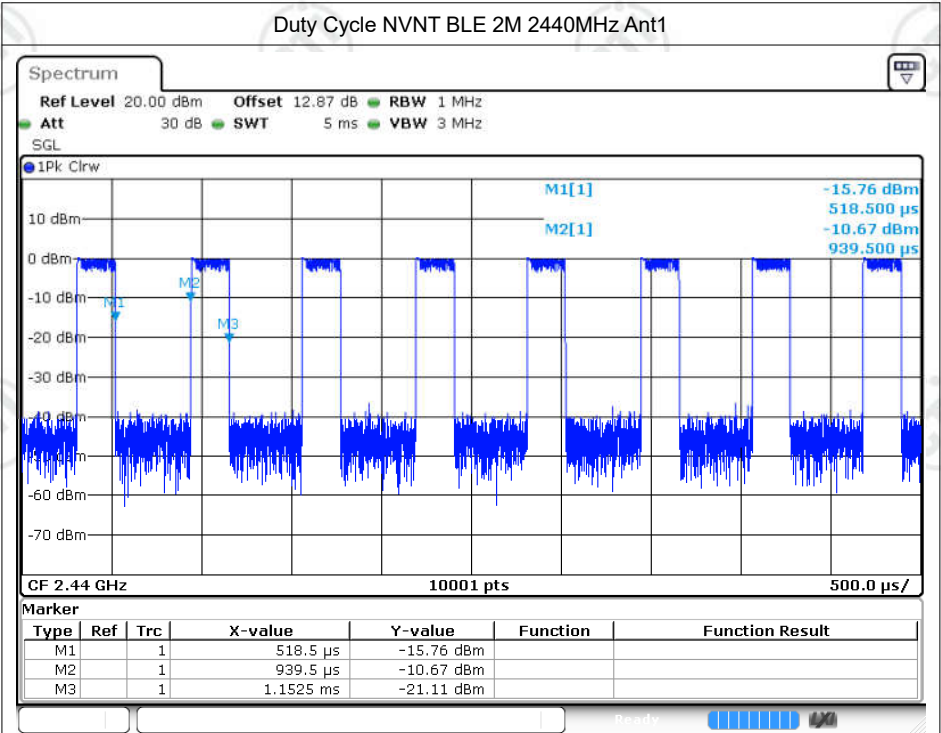




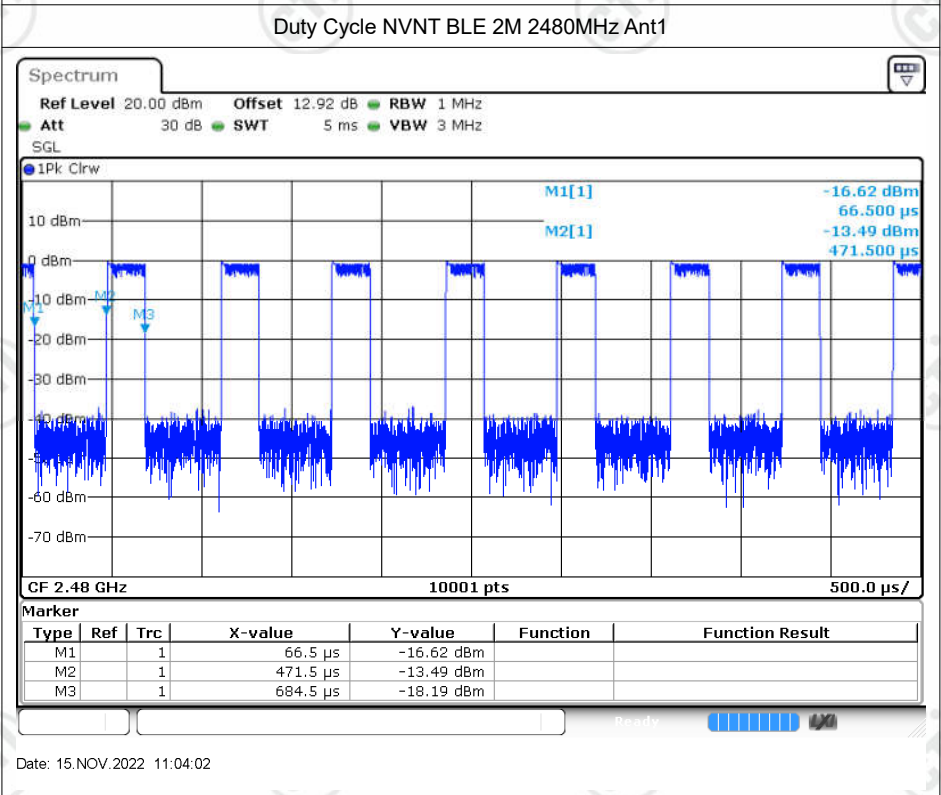
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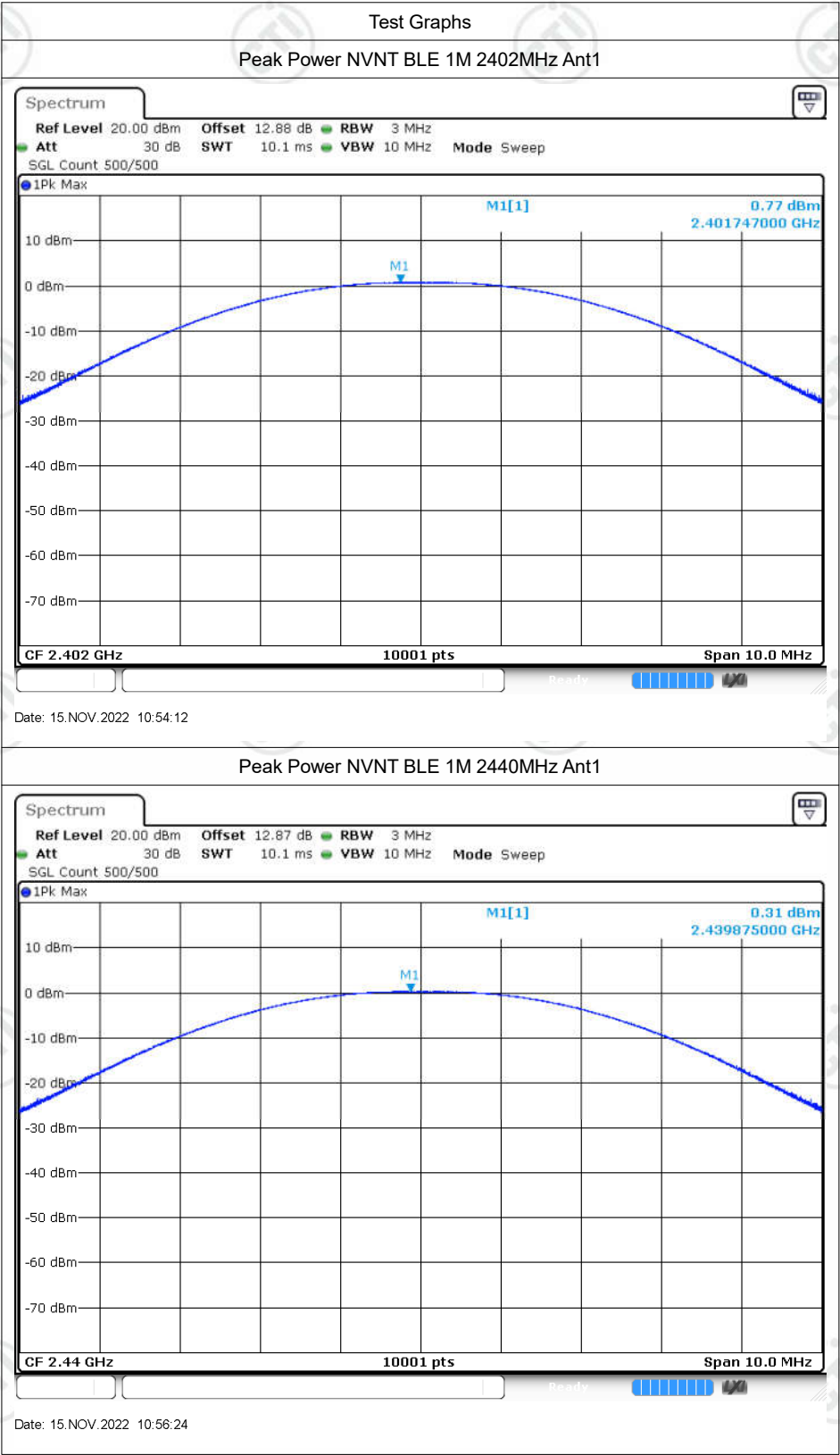
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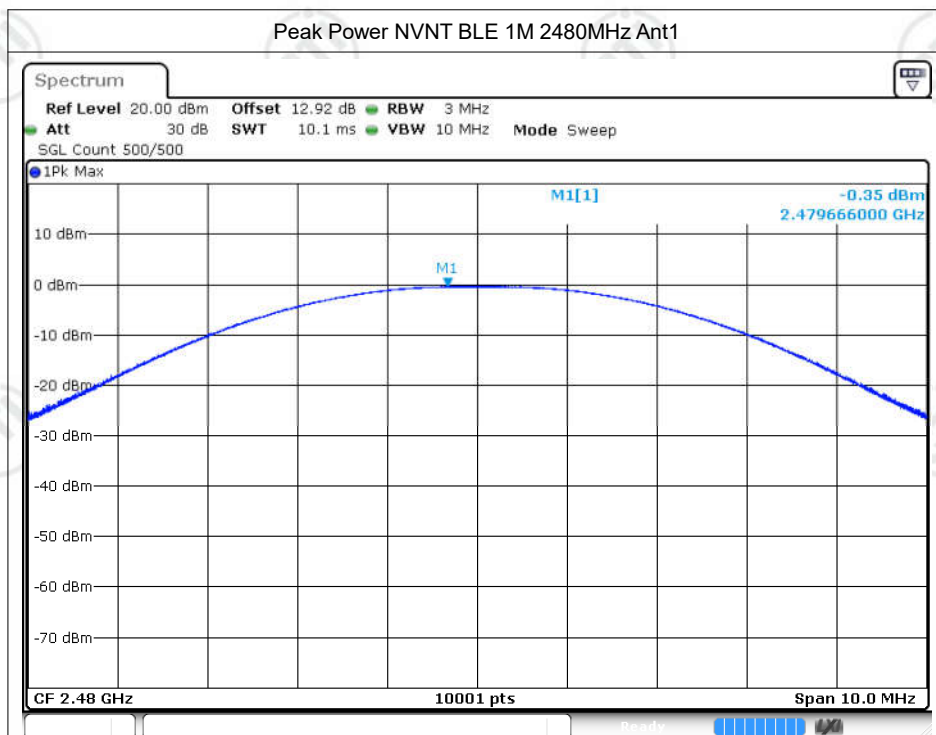


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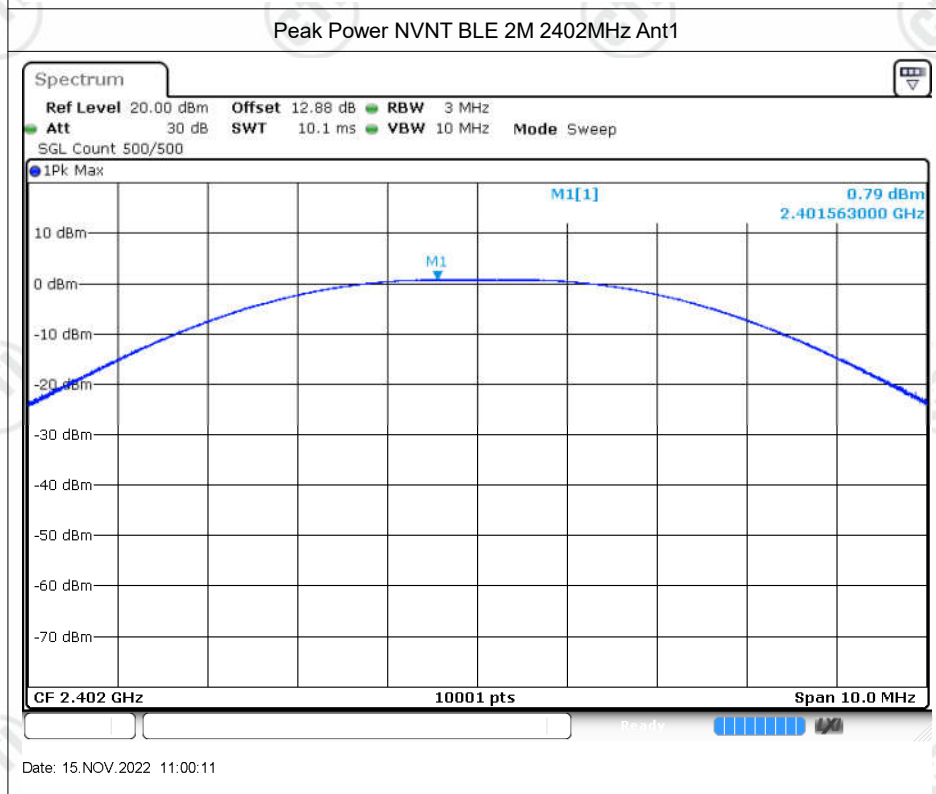
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.77	0	0.77	30	Pass
NVNT	BLE 1M	2440	Ant1	0.31	0	0.31	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.35	0	-0.35	30	Pass
NVNT	BLE 2M	2402	Ant1	0.79	0	0.79	30	Pass
NVNT	BLE 2M	2440	Ant1	0.37	0	0.37	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.26	0	-0.26	30	Pass

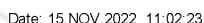




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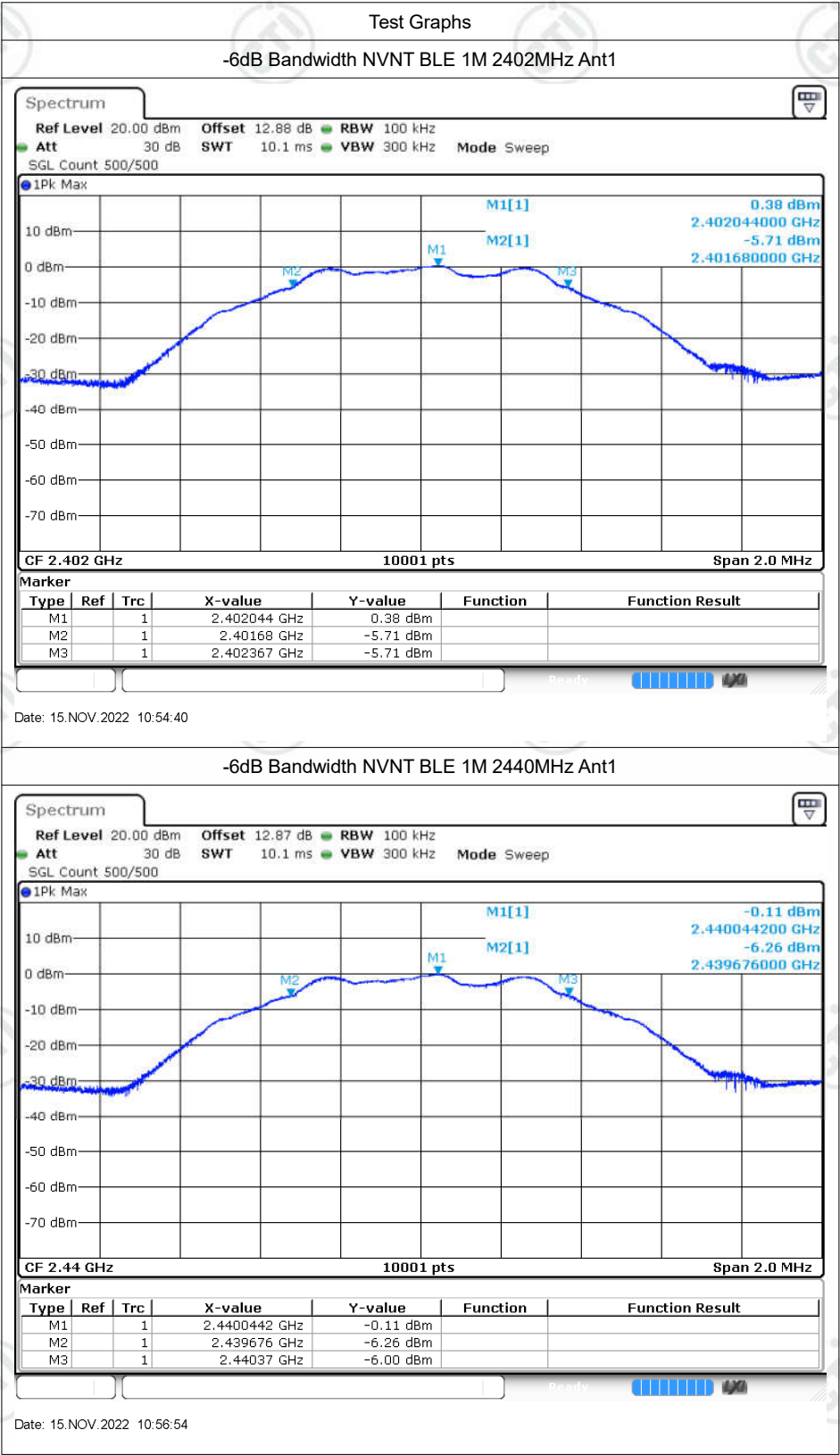


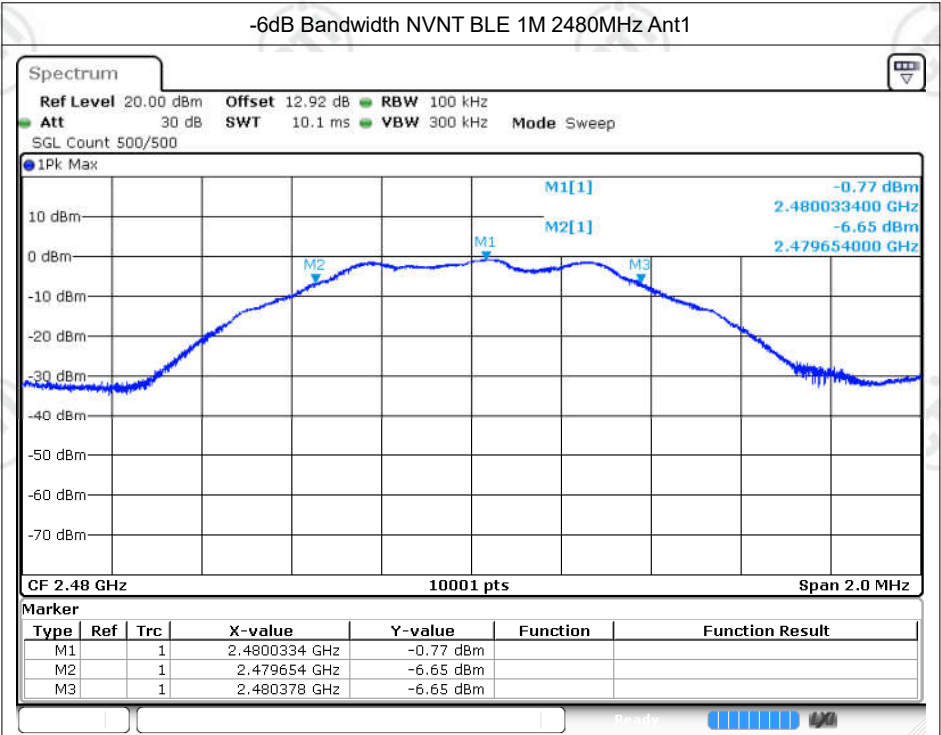
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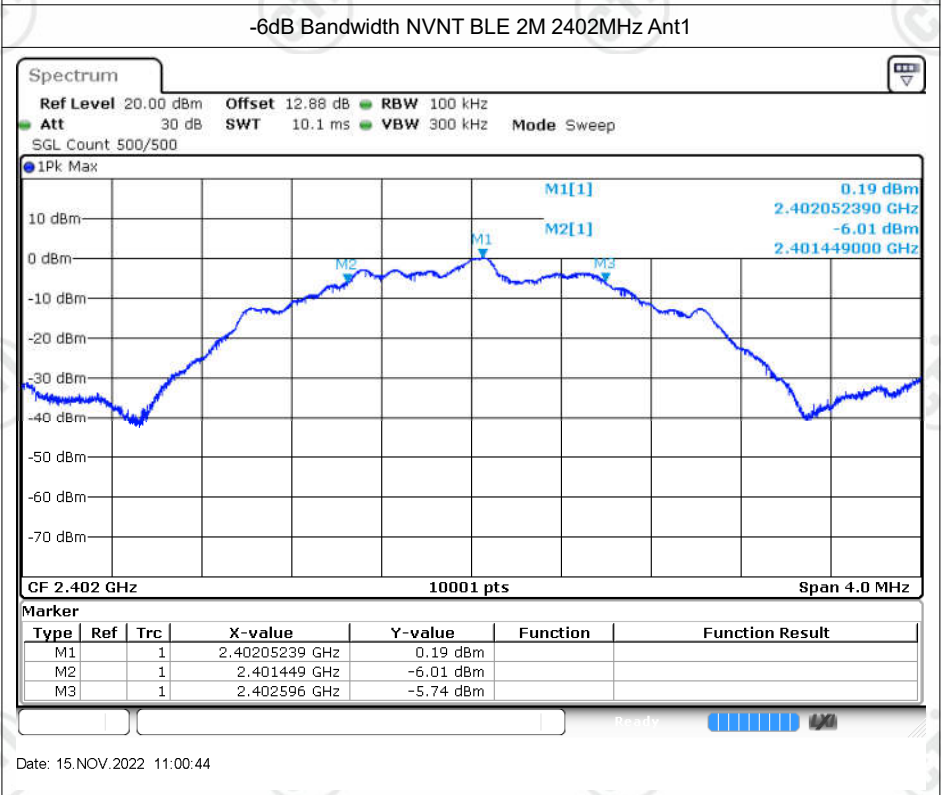
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.687	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.694	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.724	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.147	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.144	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.155	0.5	Pass

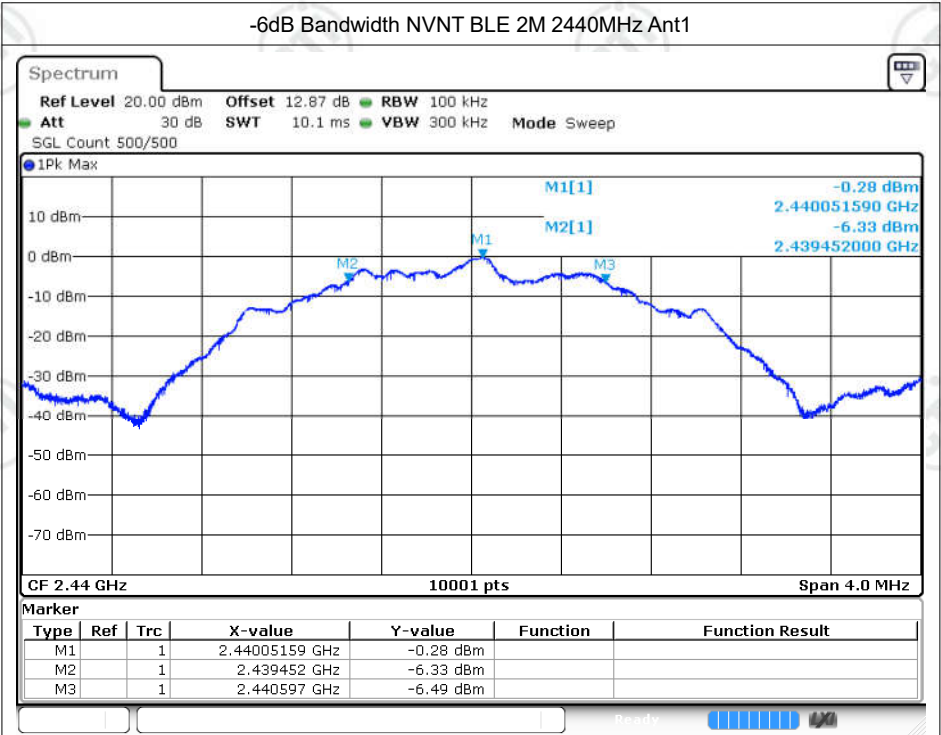




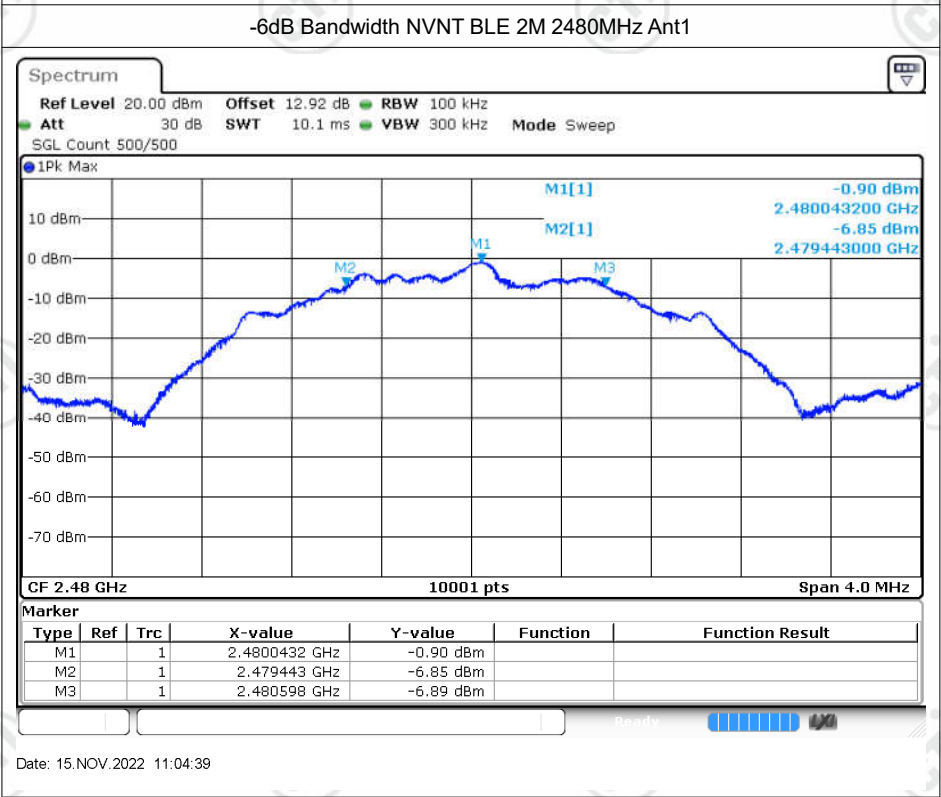
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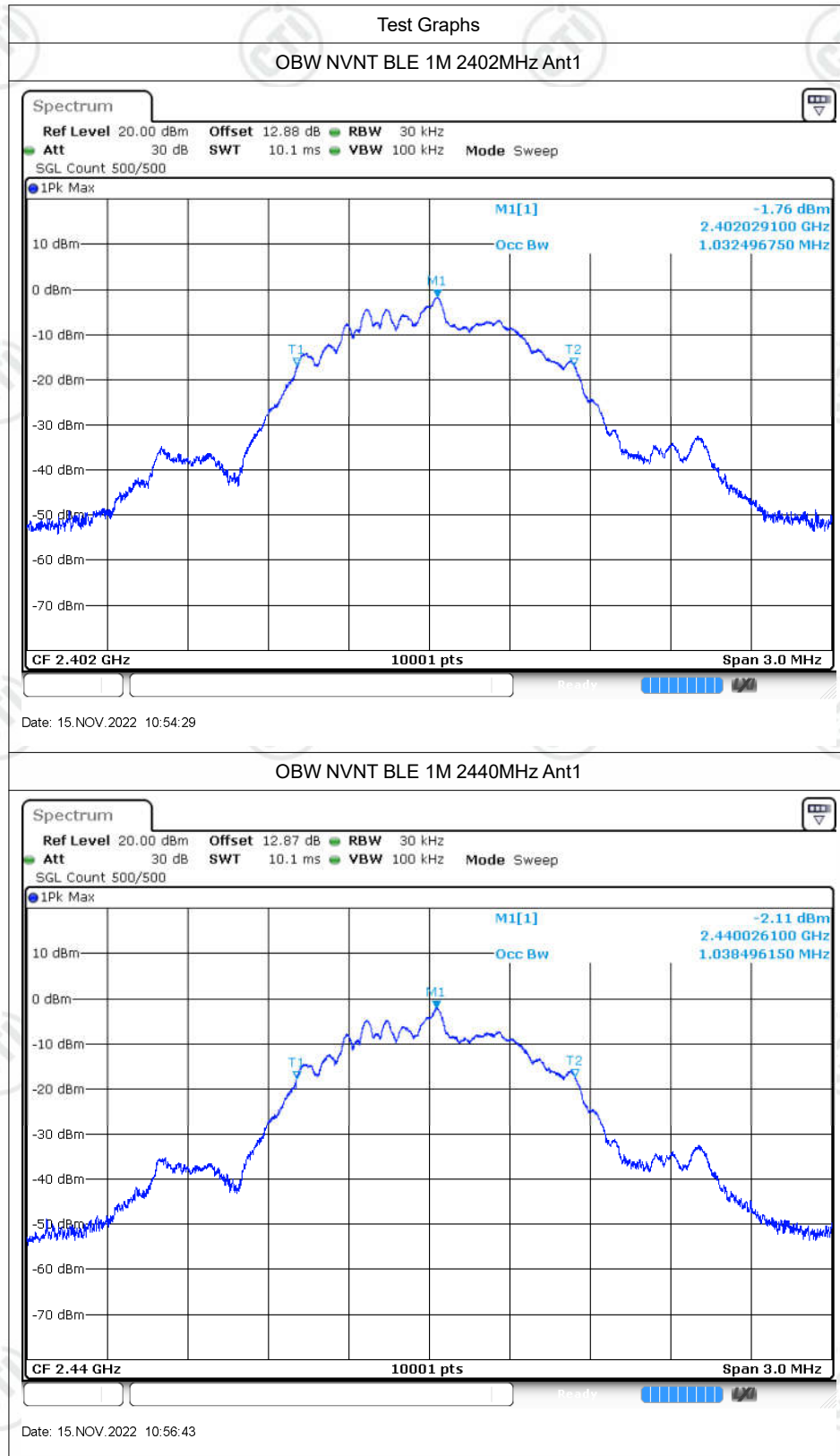
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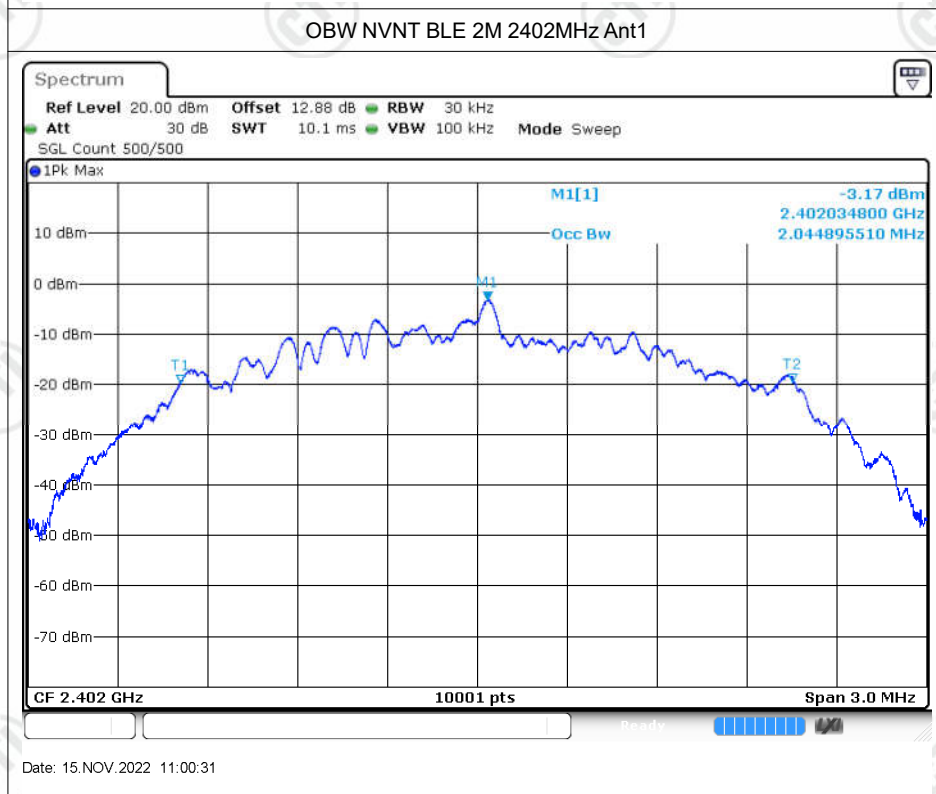
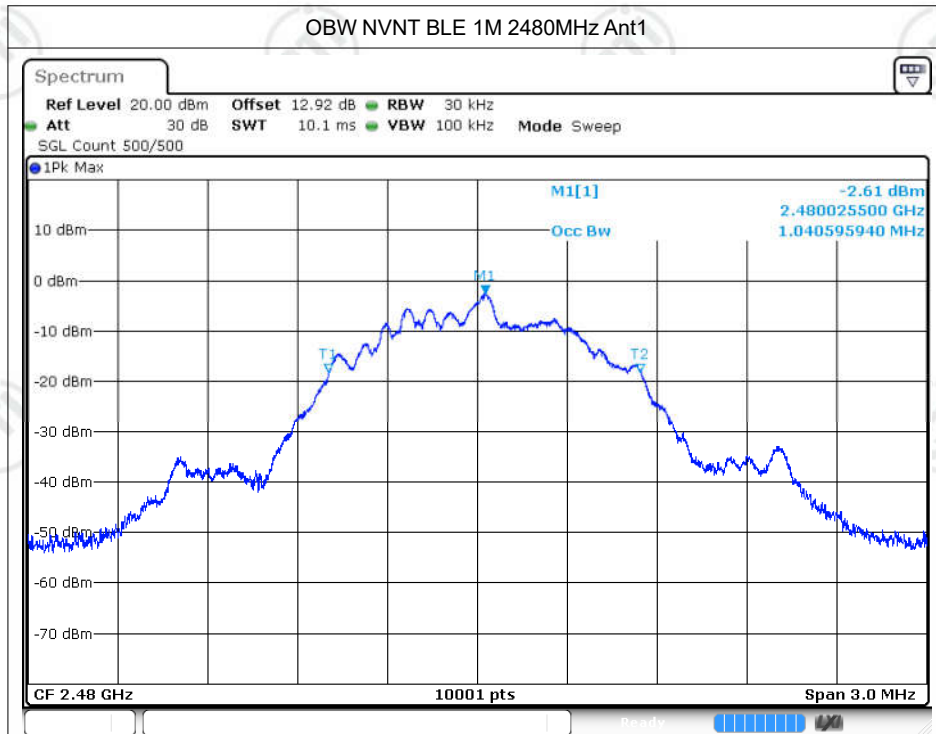


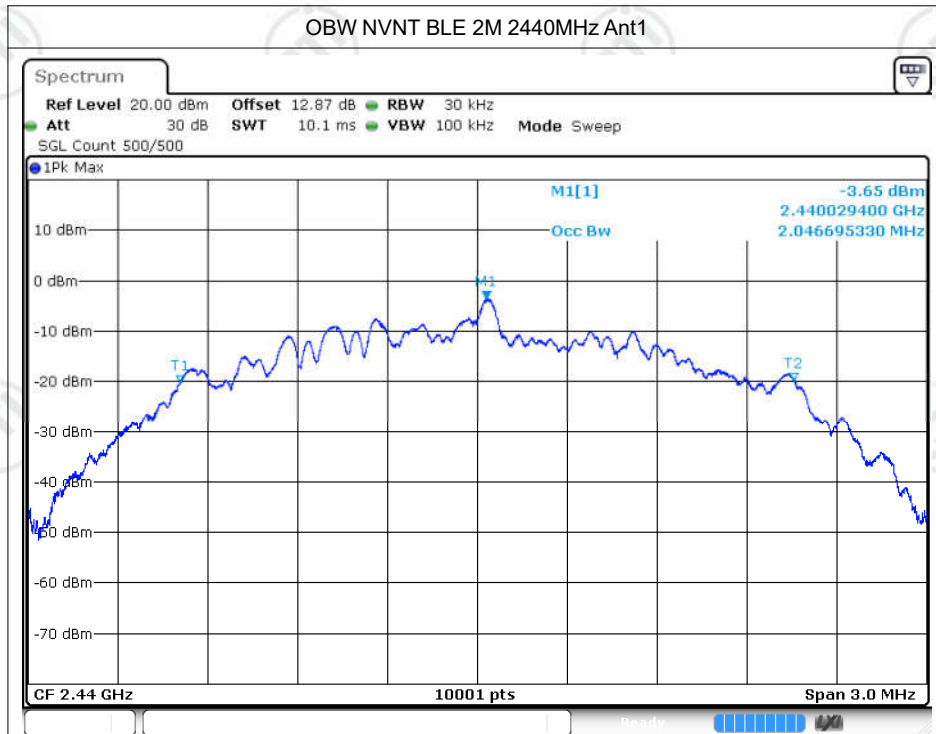
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Occupied Channel Bandwidth

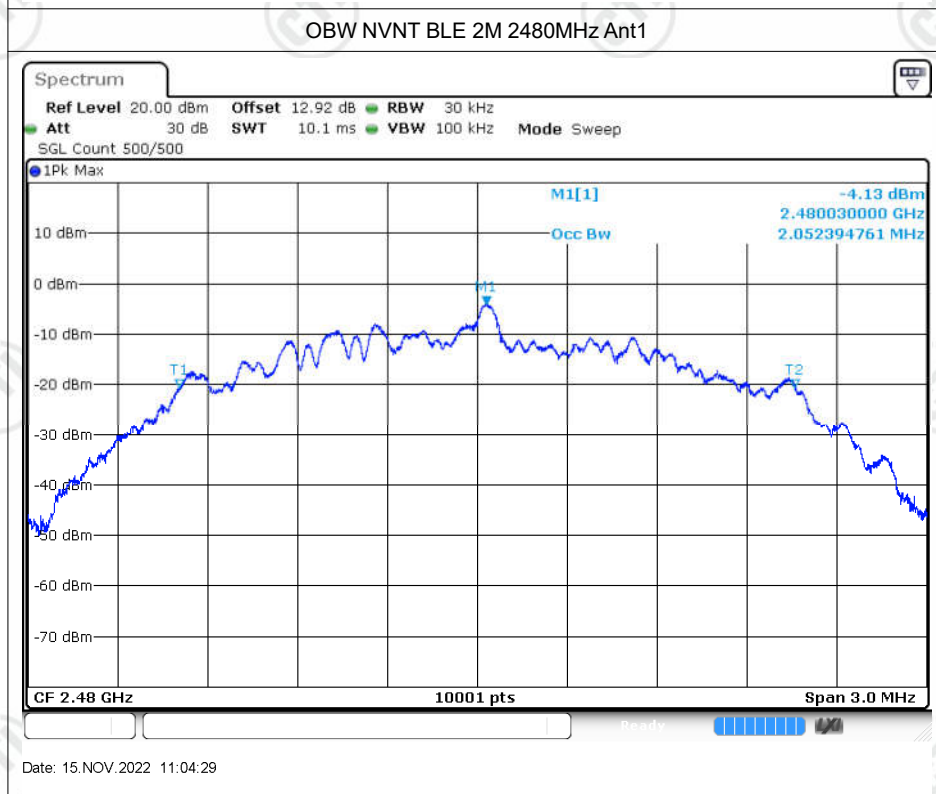
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.032
NVNT	BLE 1M	2440	Ant1	1.038
NVNT	BLE 1M	2480	Ant1	1.041
NVNT	BLE 2M	2402	Ant1	2.045
NVNT	BLE 2M	2440	Ant1	2.047
NVNT	BLE 2M	2480	Ant1	2.052







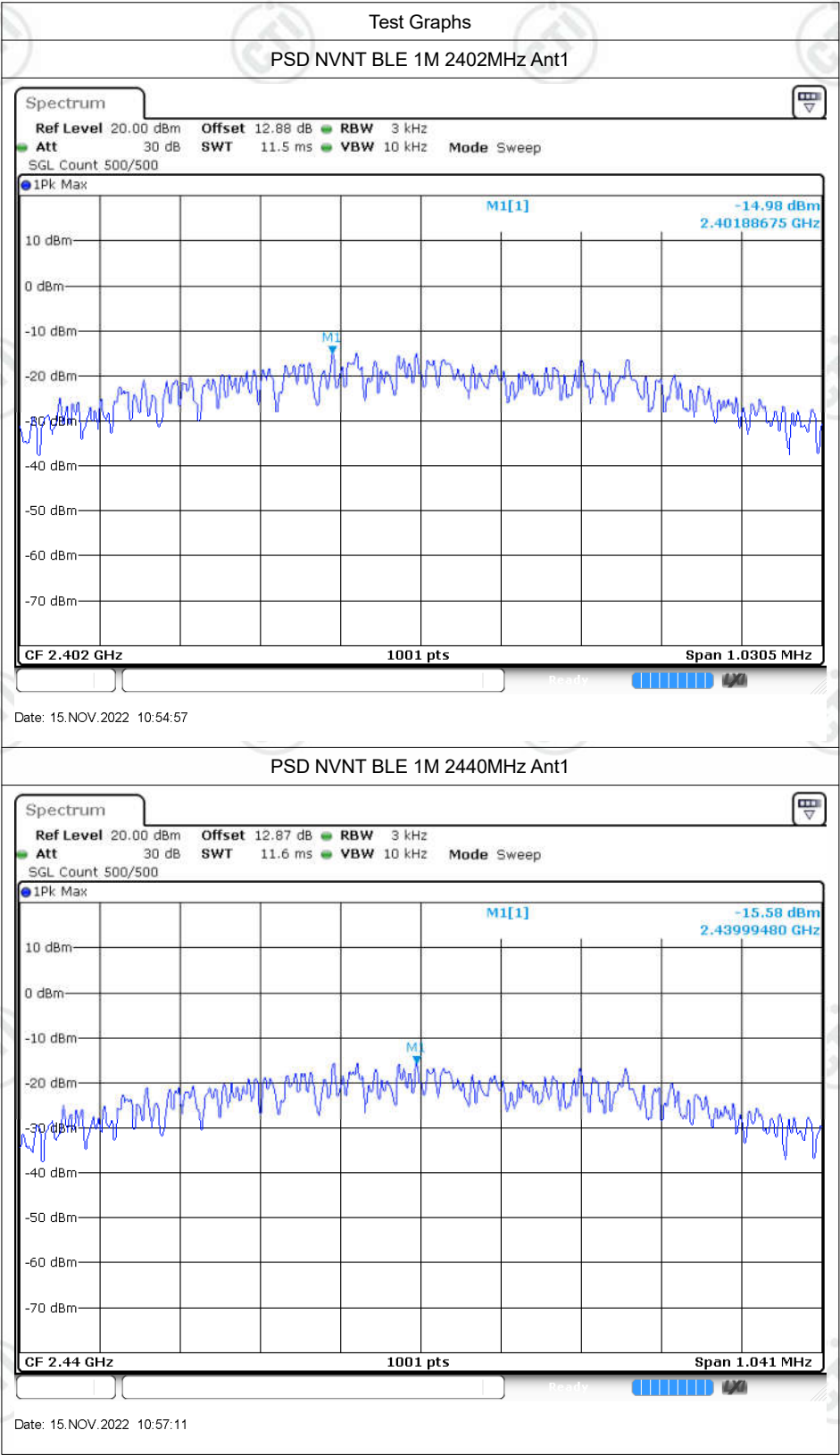
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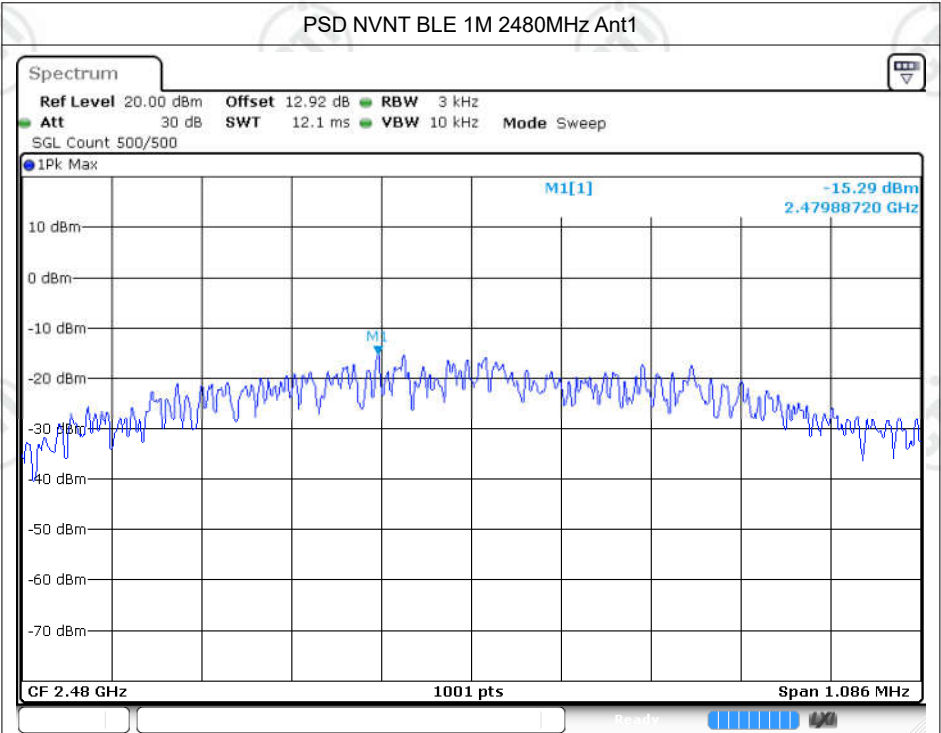


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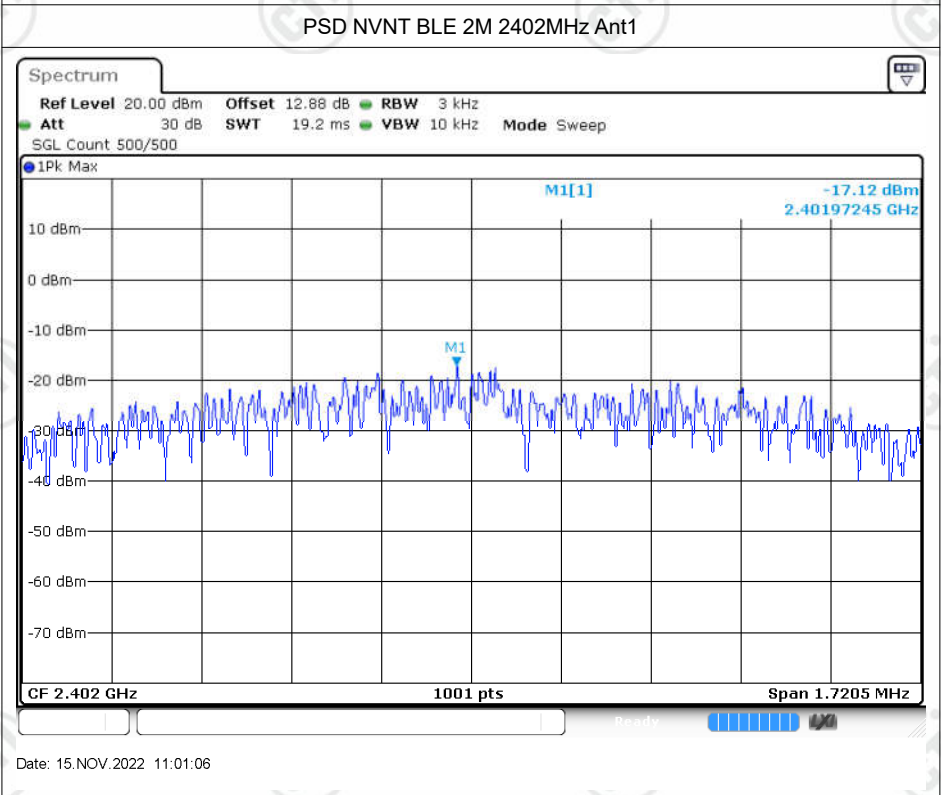
Maximum Power Spectral Density Level

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	-14.98	0	-14.98	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.58	0	-15.58	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.29	0	-15.29	8	Pass
NVNT	BLE 2M	2402	Ant1	-17.12	0	-17.12	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.65	0	-17.65	8	Pass
NVNT	BLE 2M	2480	Ant1	-18.11	0	-18.11	8	Pass

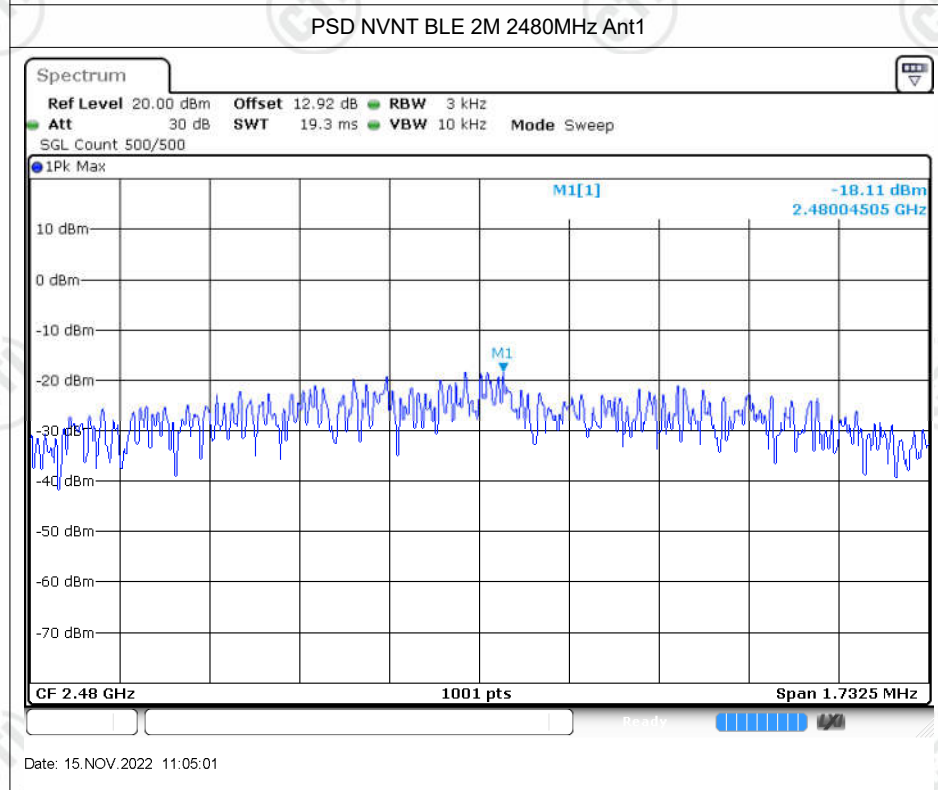
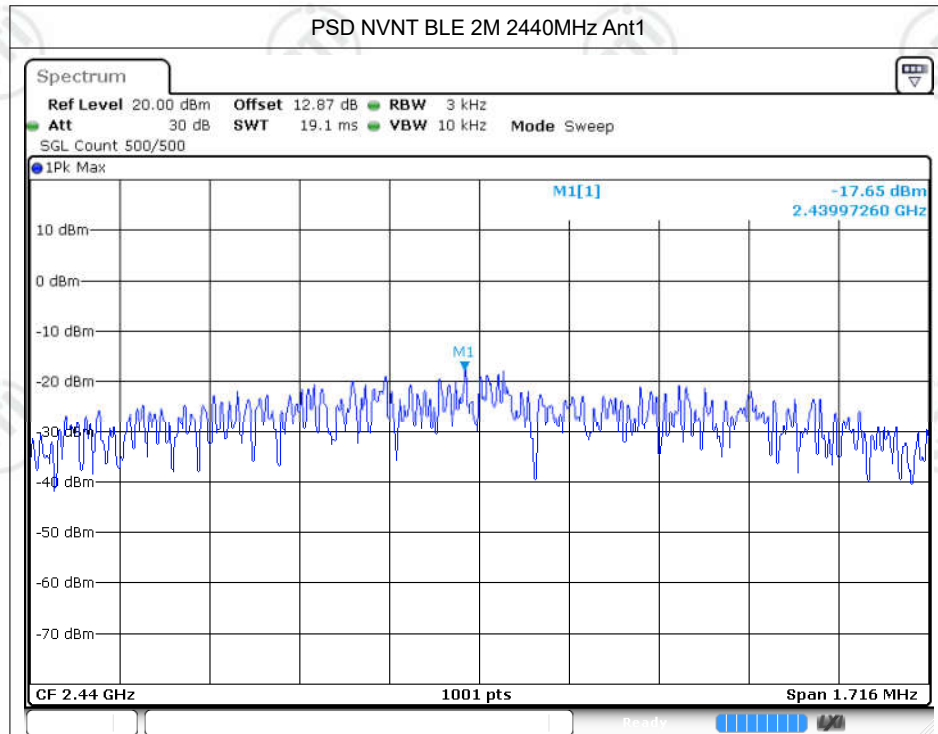




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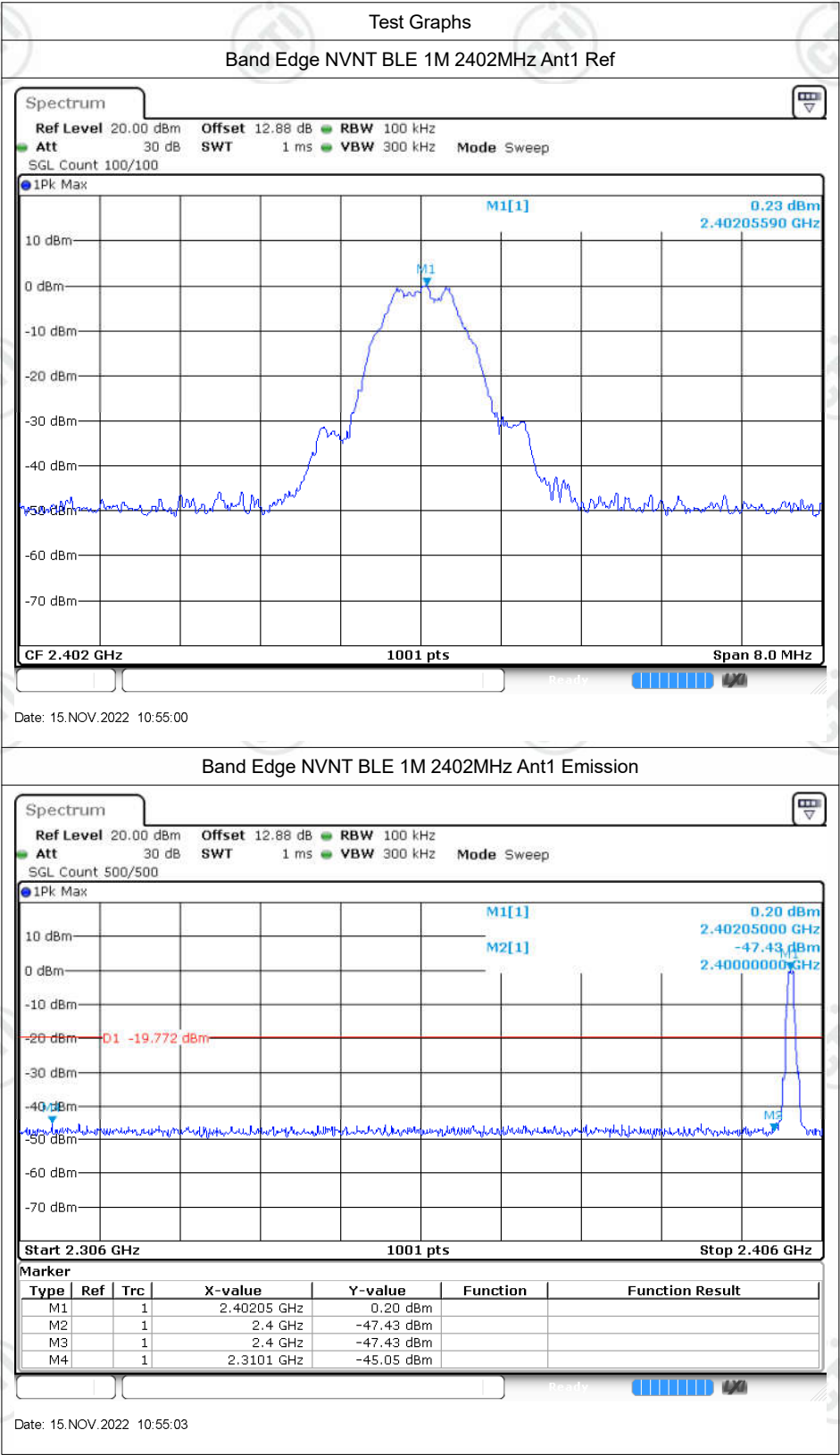


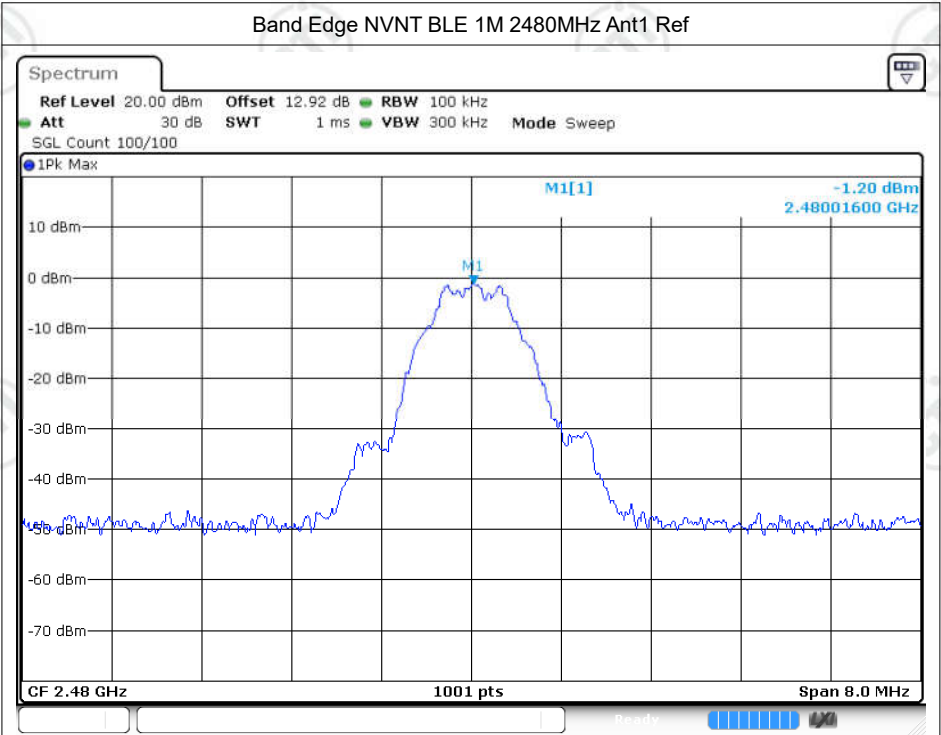
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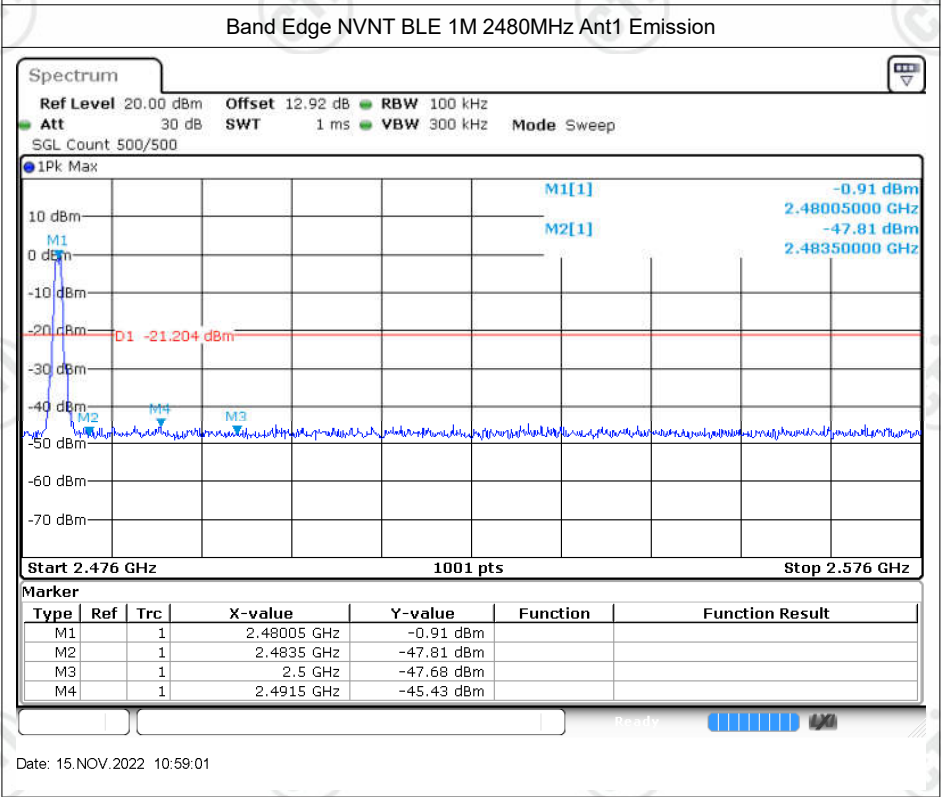
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.28	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.22	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.78	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.85	-20	Pass

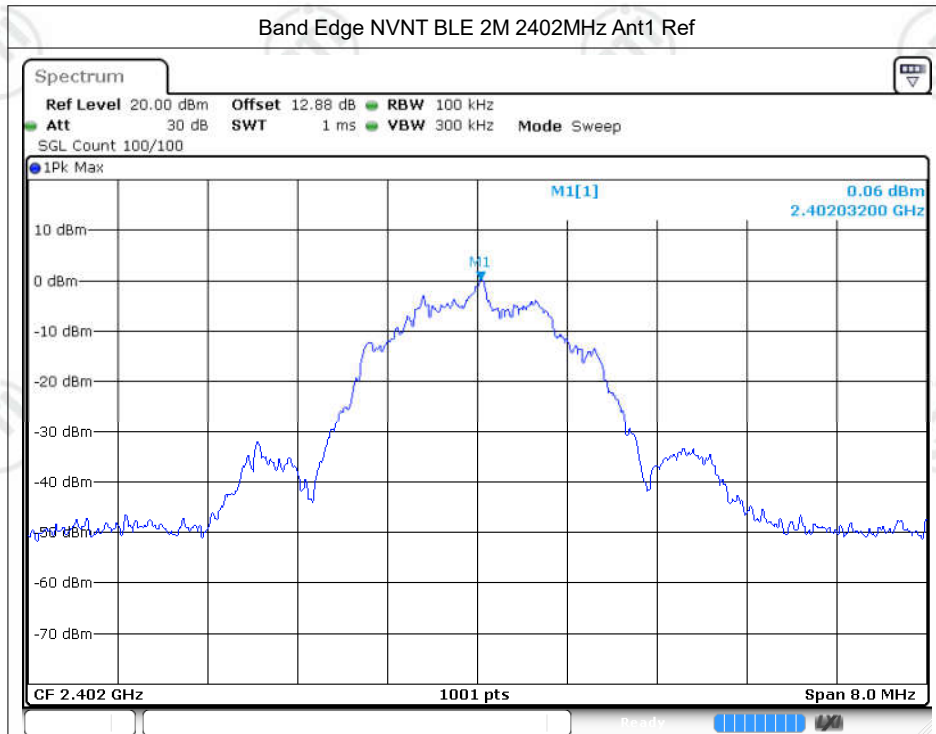




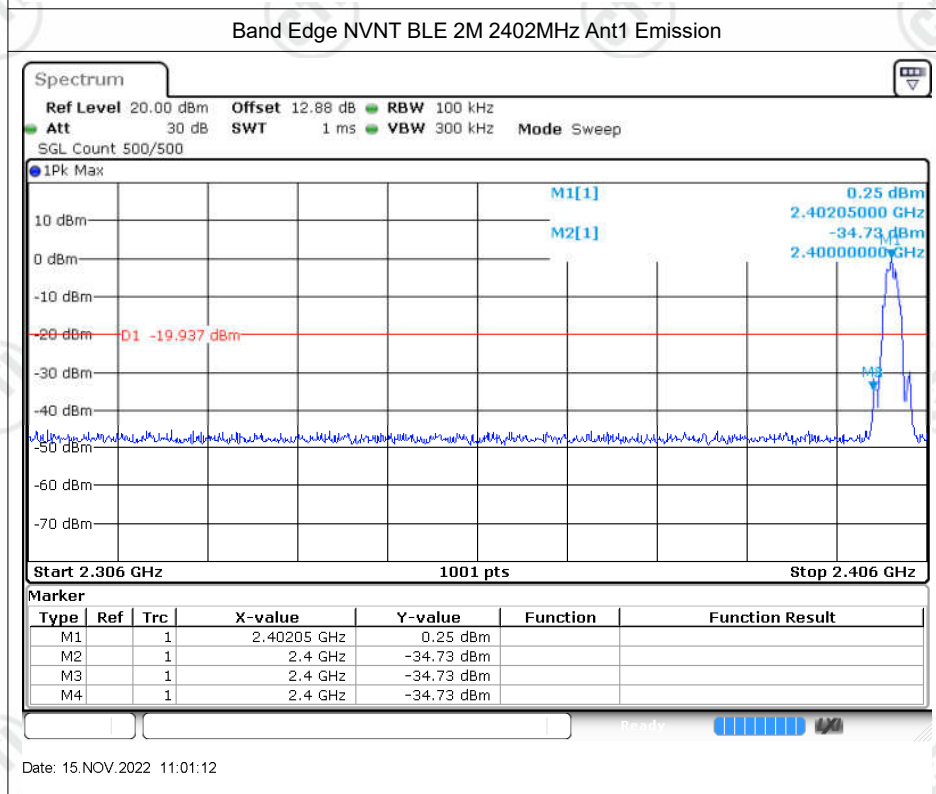
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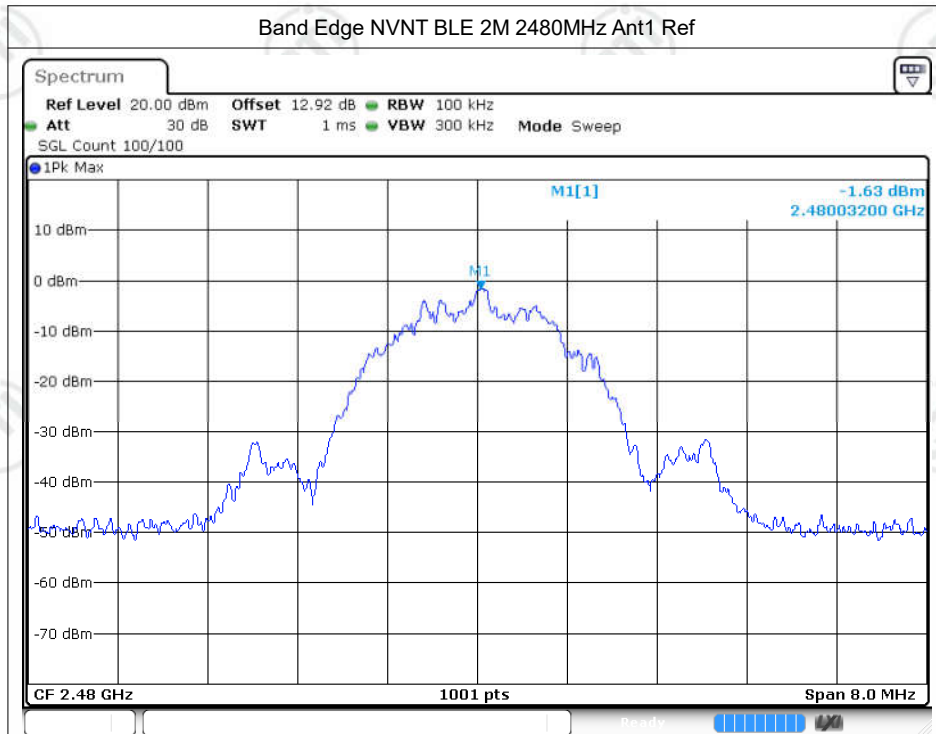
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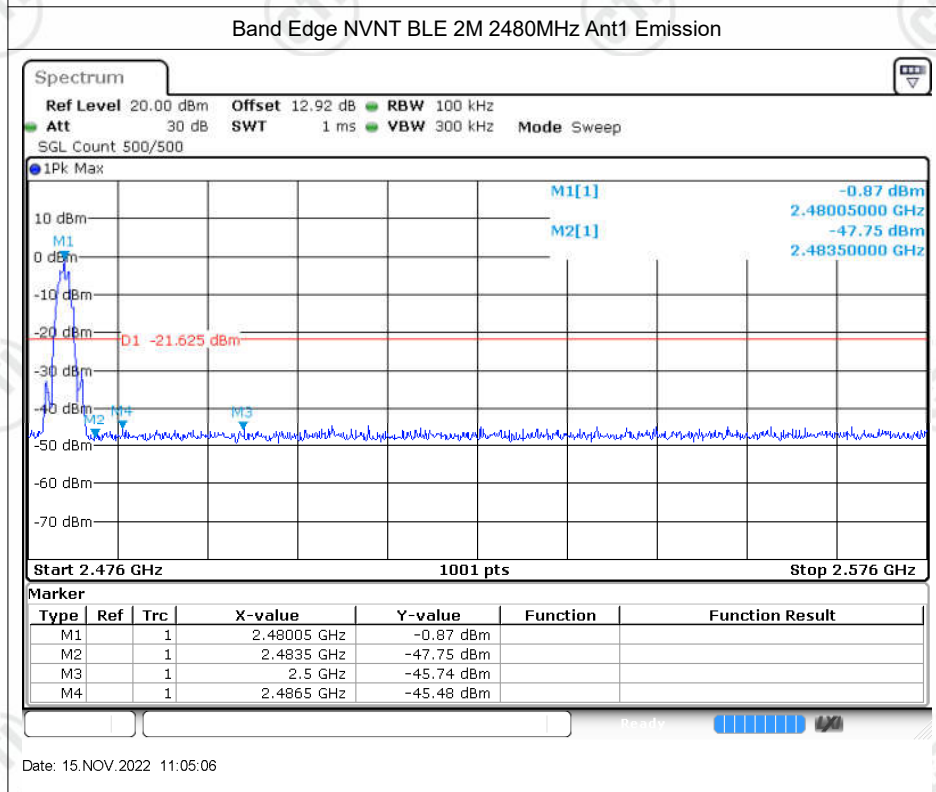
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Date: 15.NOV.2022 11:01:12



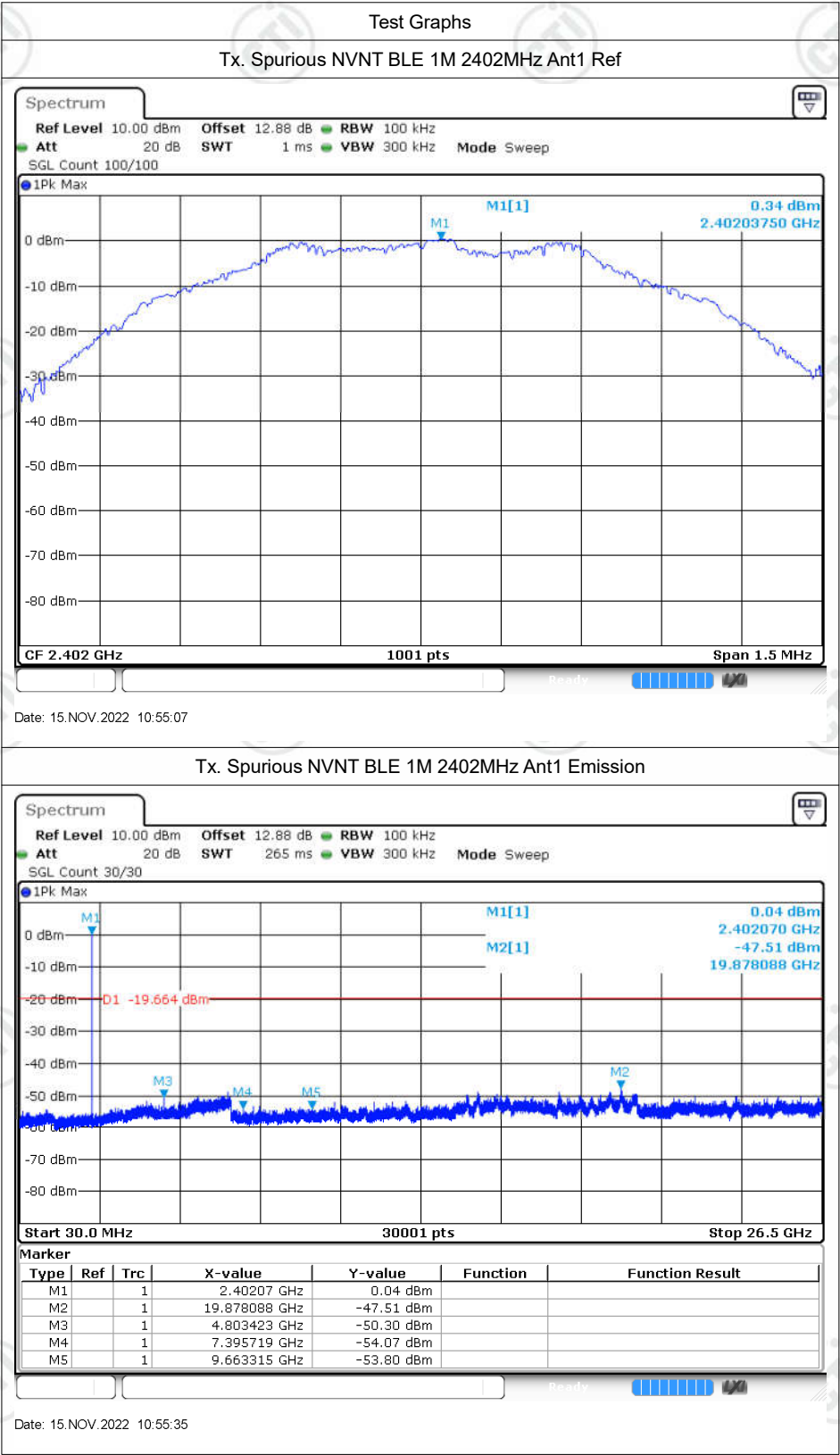
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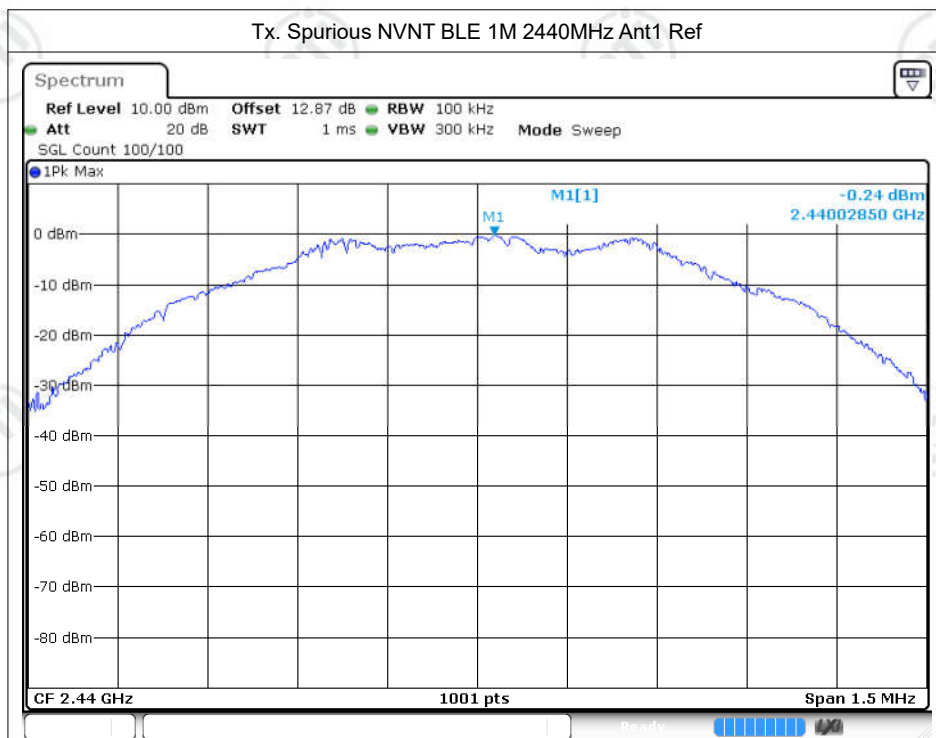


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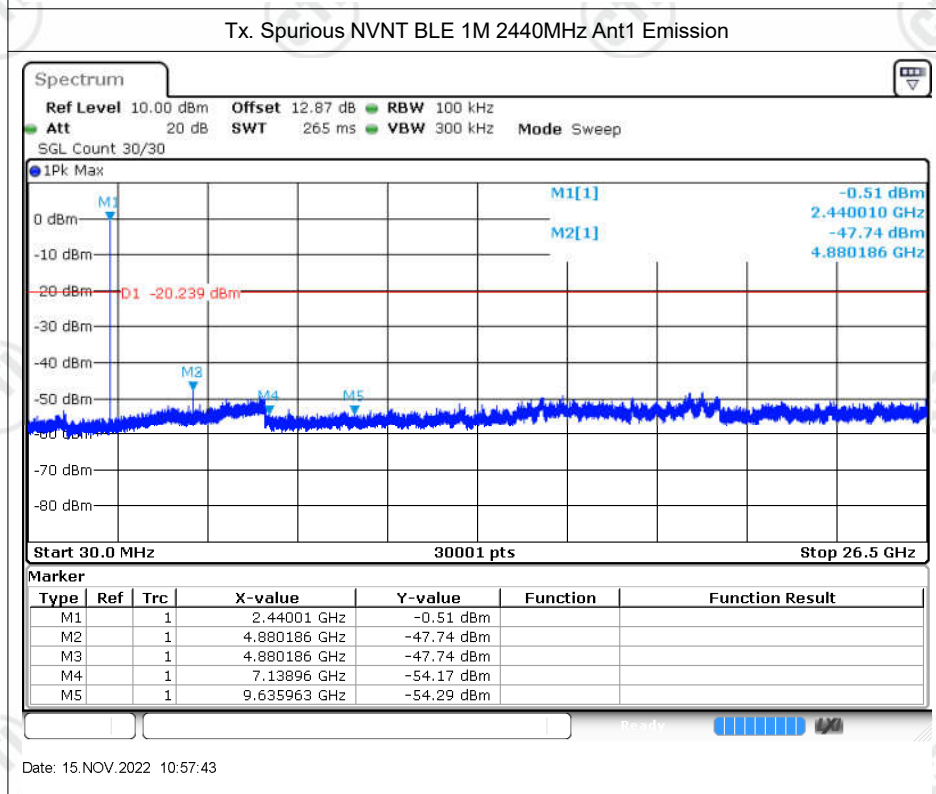
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.85	-20	Pass
NVNT	BLE 1M	2440	Ant1	-47.49	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.19	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.22	-20	Pass
NVNT	BLE 2M	2440	Ant1	-48.1	-20	Pass
NVNT	BLE 2M	2480	Ant1	-44.23	-20	Pass

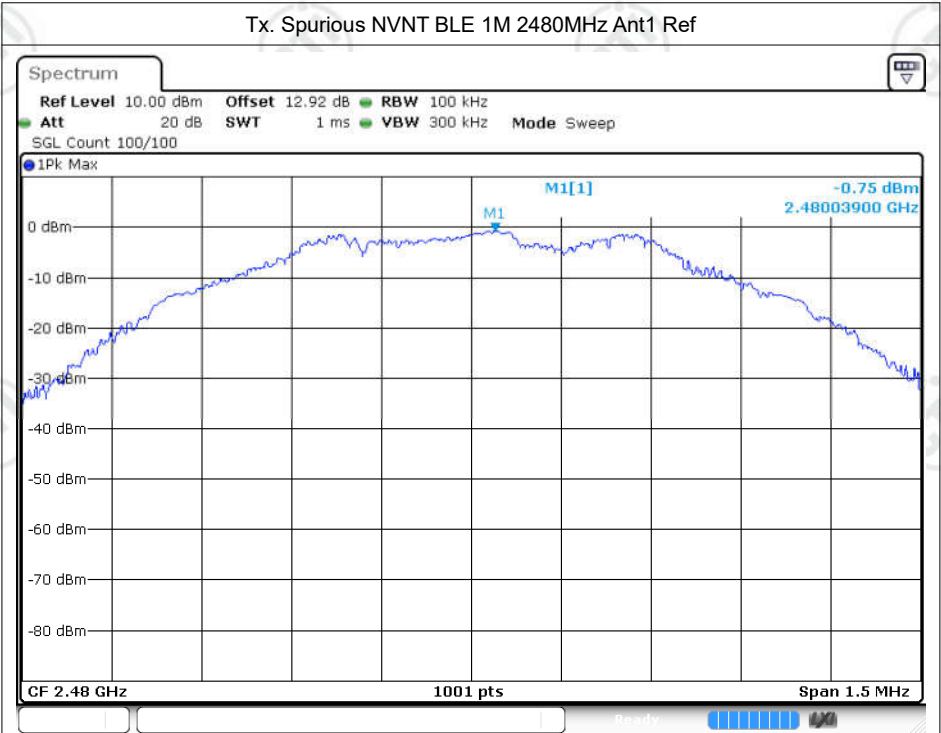




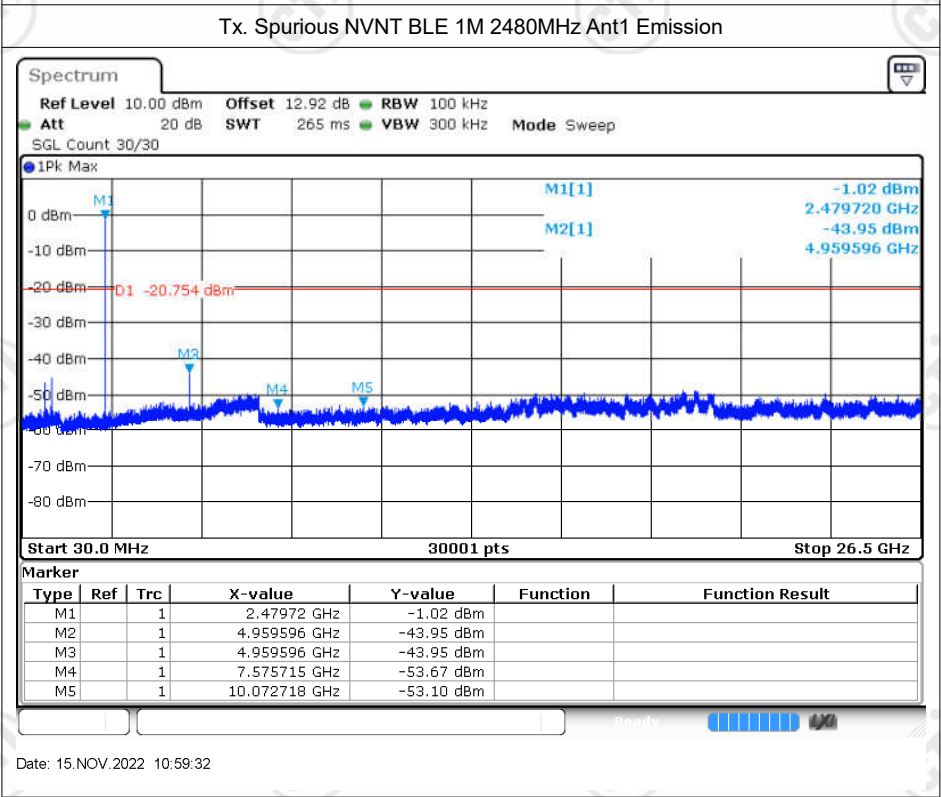
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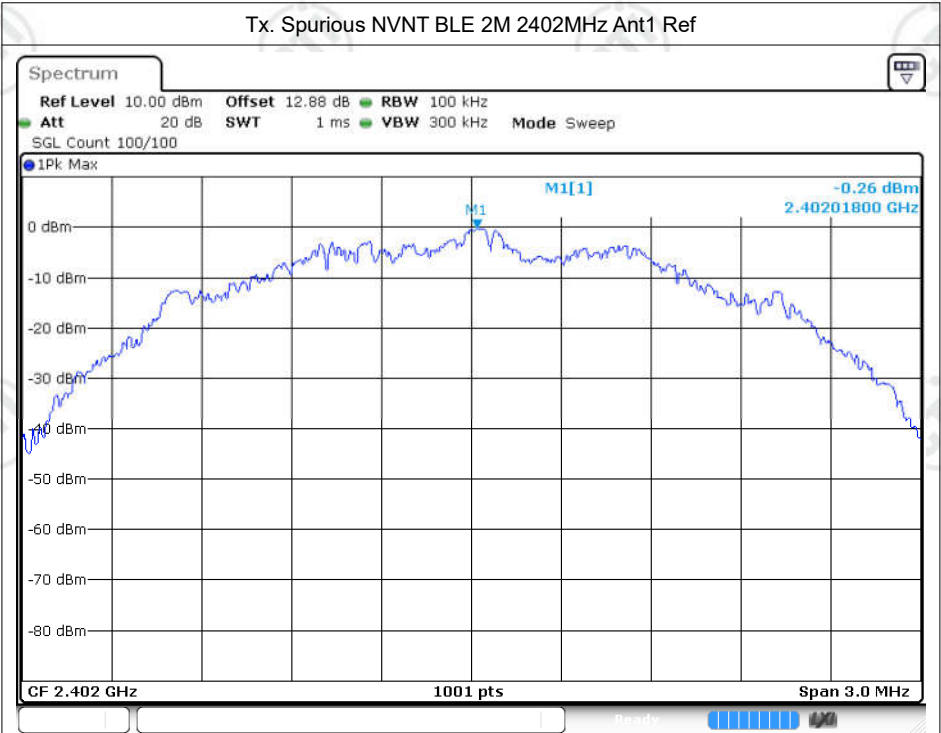
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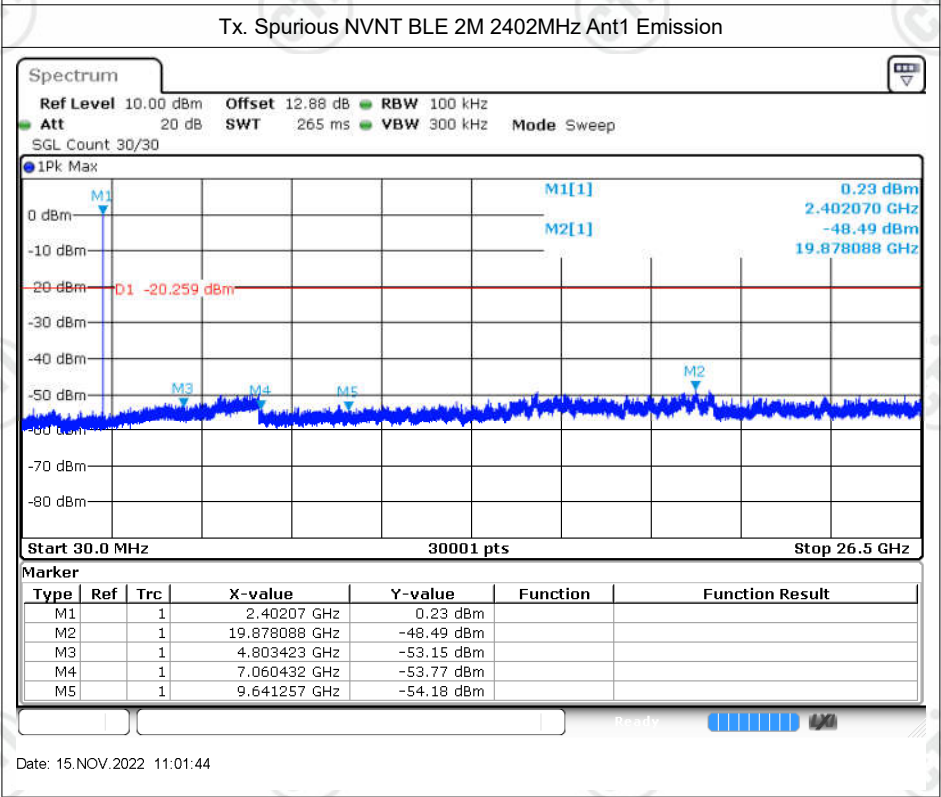
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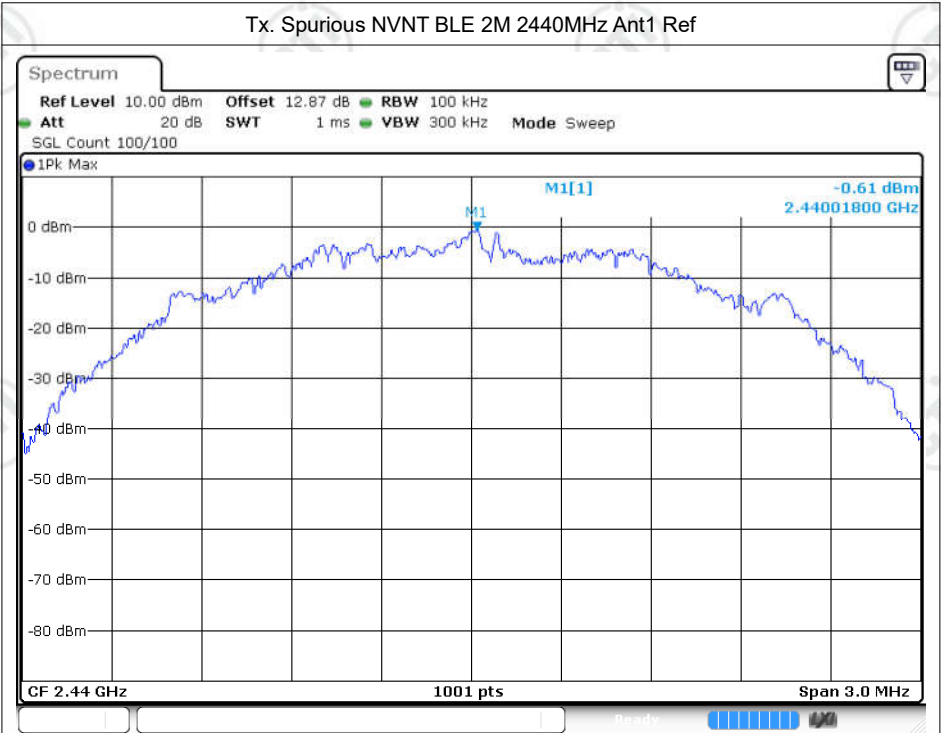
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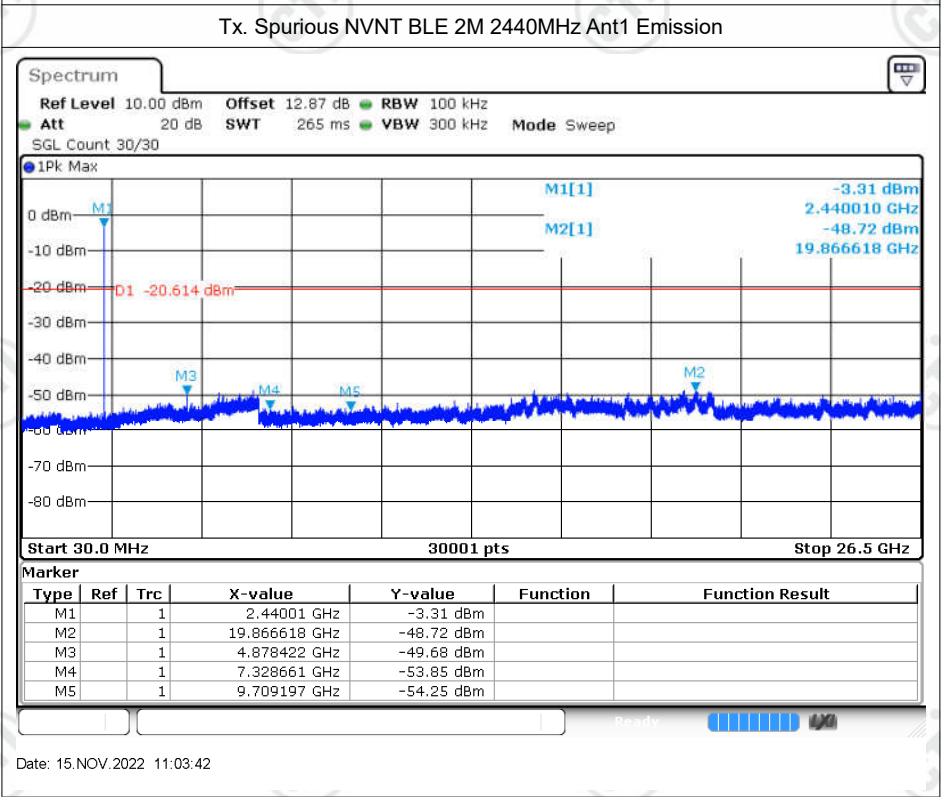
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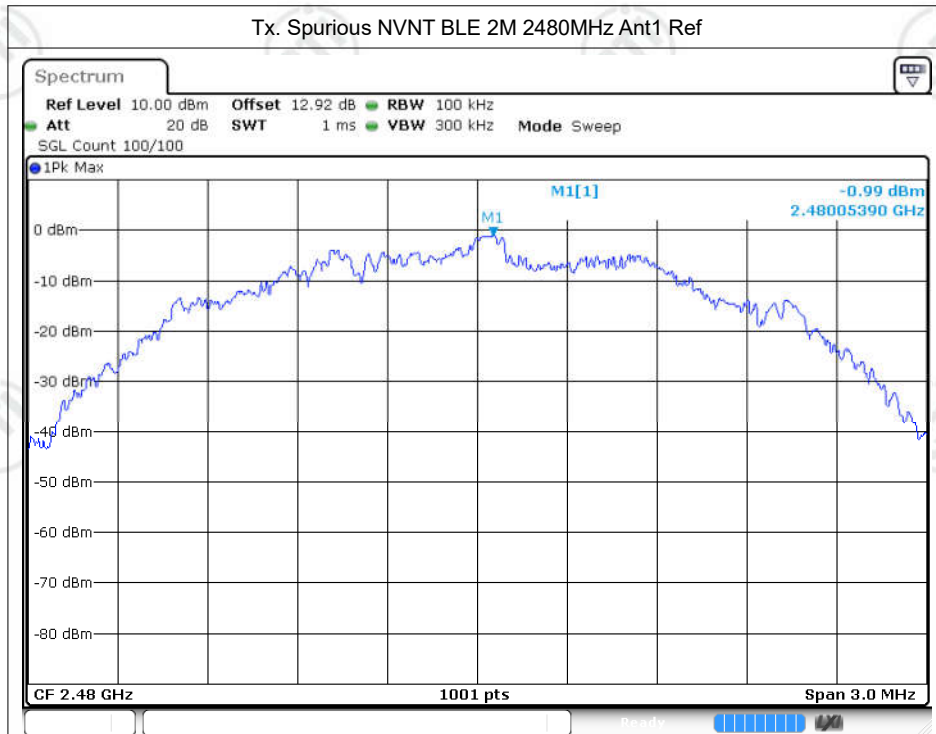
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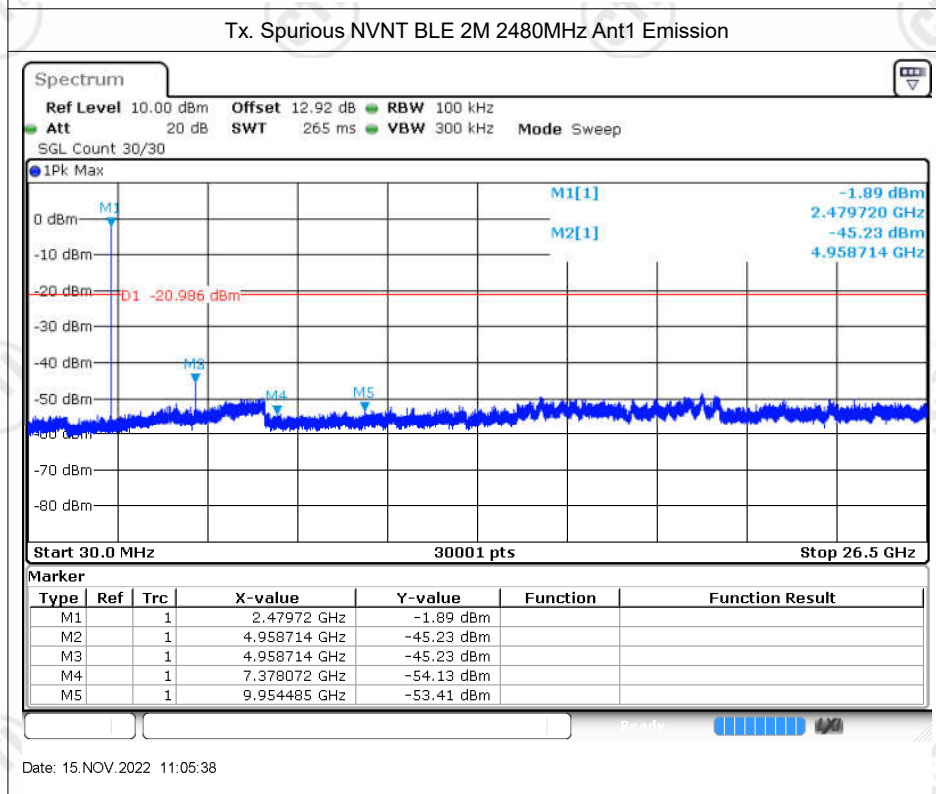
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*** End of Report ***