

Appendix: Bluetooth LE

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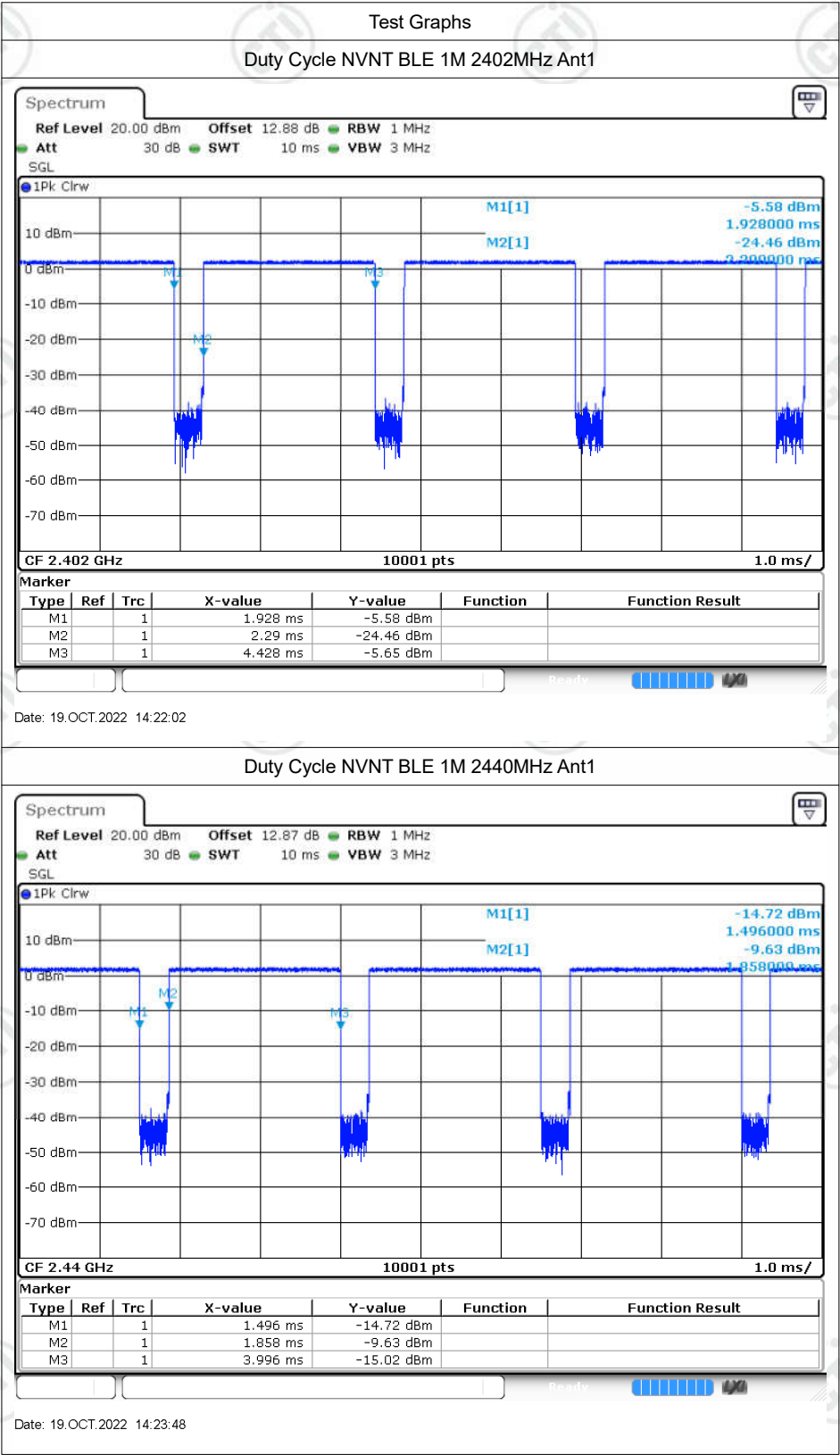
Maximum Power Spectral Density Level 19

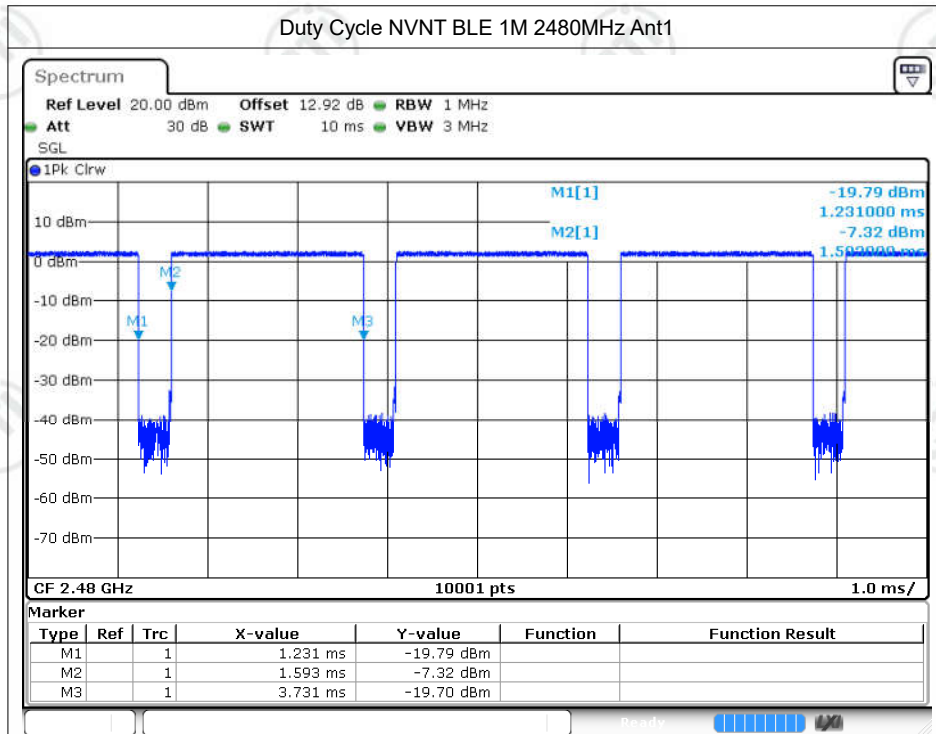
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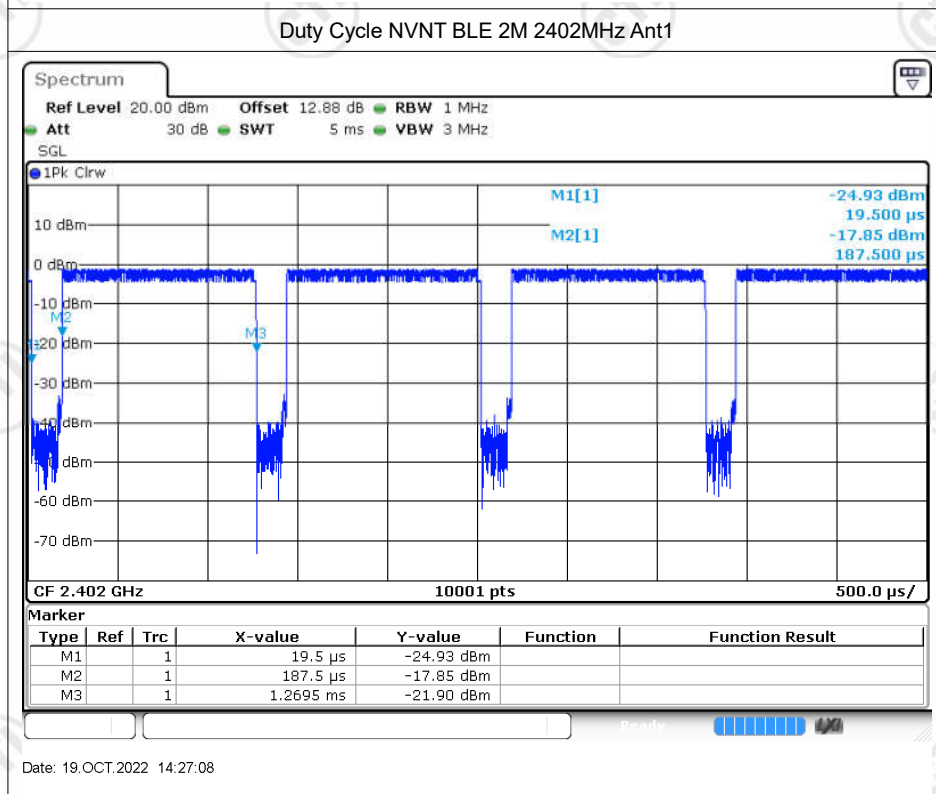
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	85.52	0.68	0.47
NVNT	BLE 1M	2440	Ant1	85.52	0.68	0.47
NVNT	BLE 1M	2480	Ant1	85.52	0.68	0.47
NVNT	BLE 2M	2402	Ant1	86.56	0.63	0.92
NVNT	BLE 2M	2440	Ant1	86.56	0.63	0.92
NVNT	BLE 2M	2480	Ant1	86.53	0.63	0.92

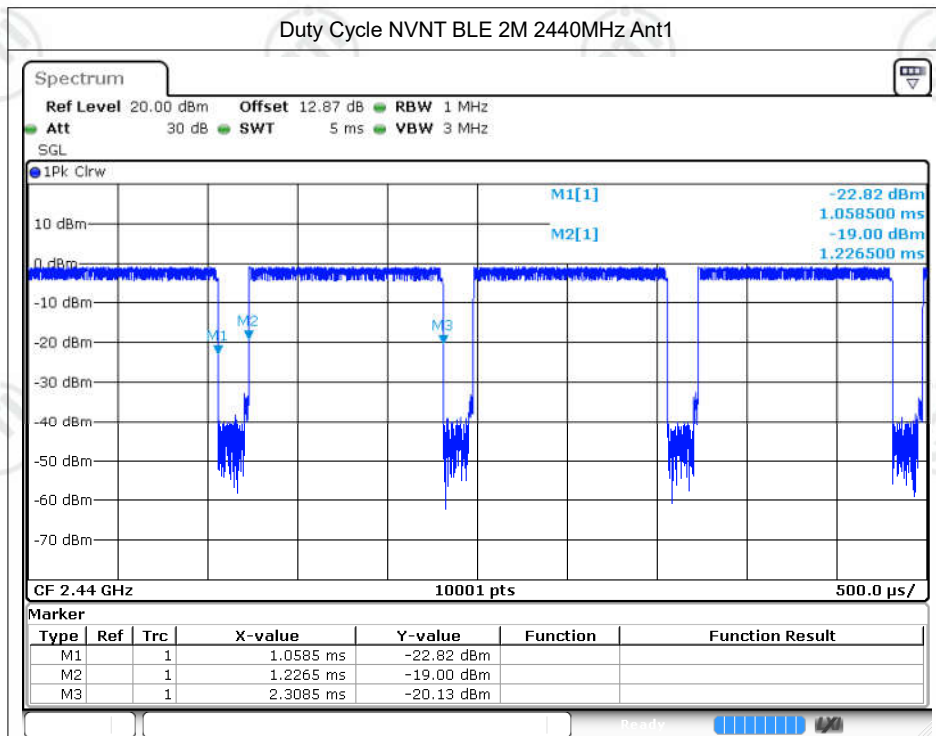




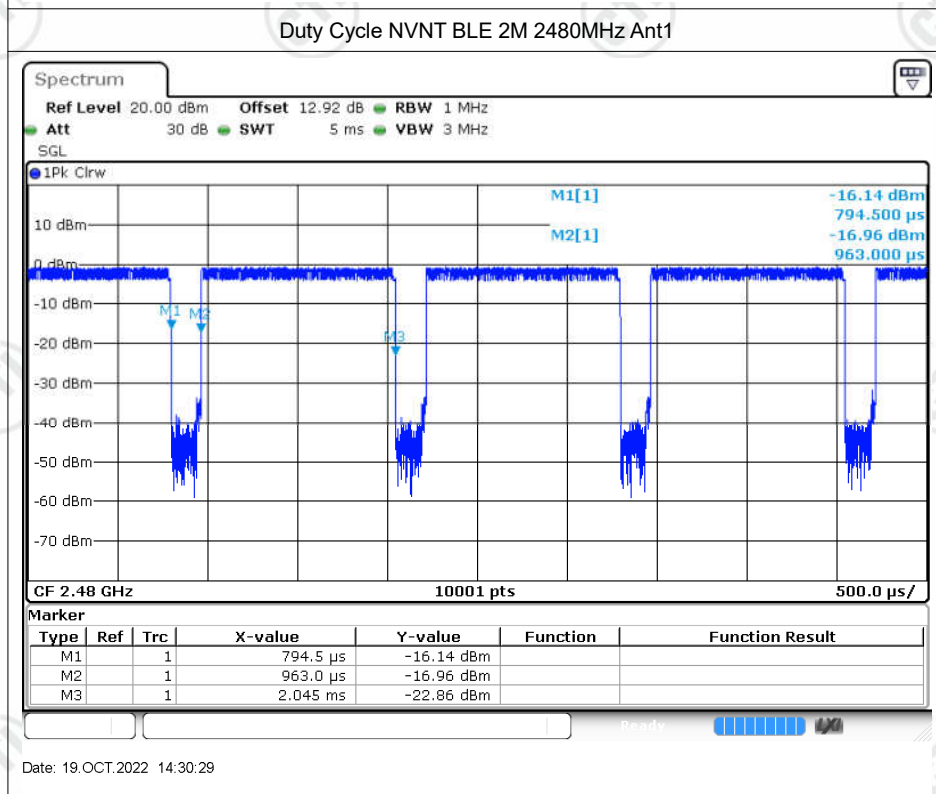
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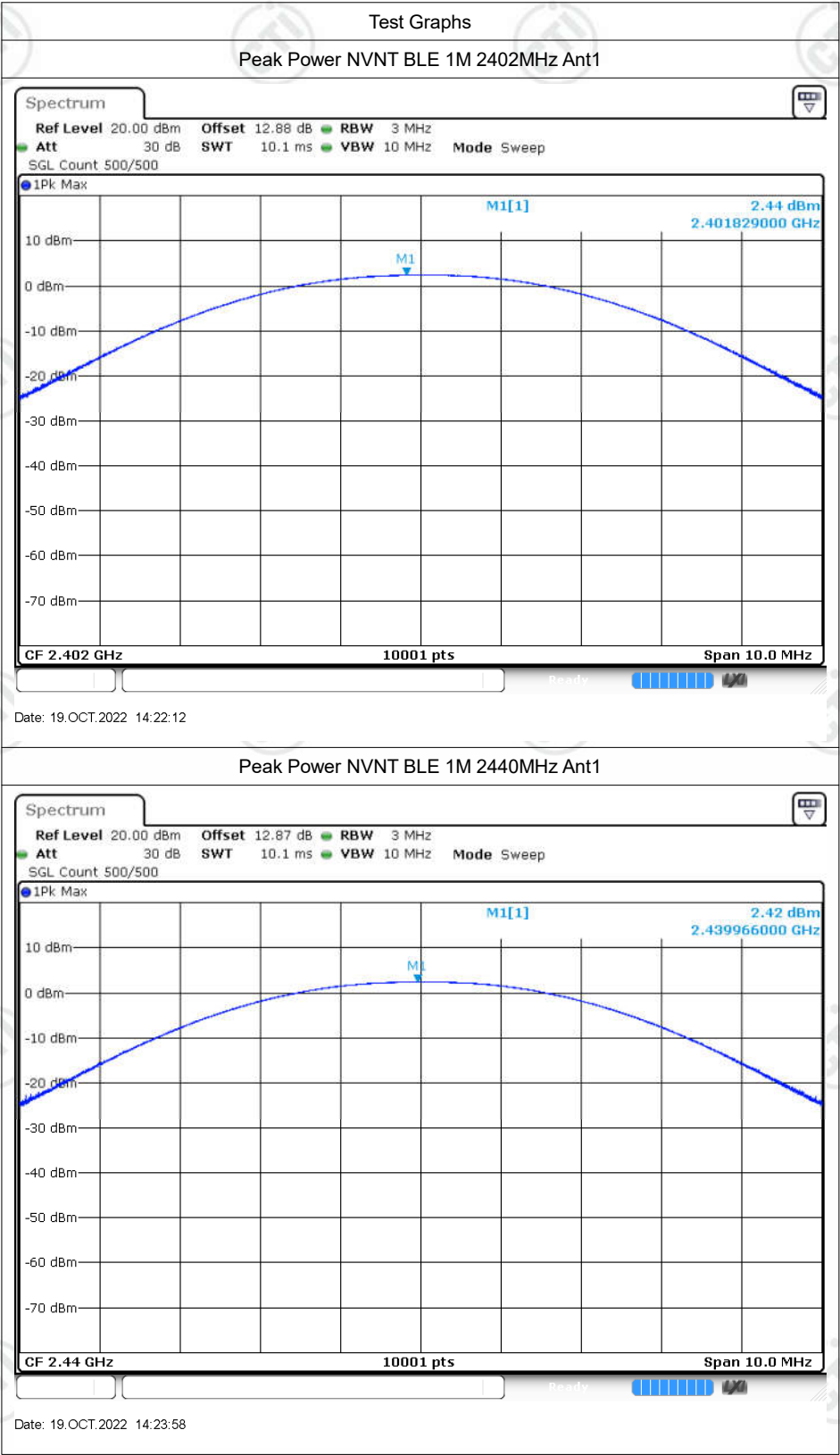
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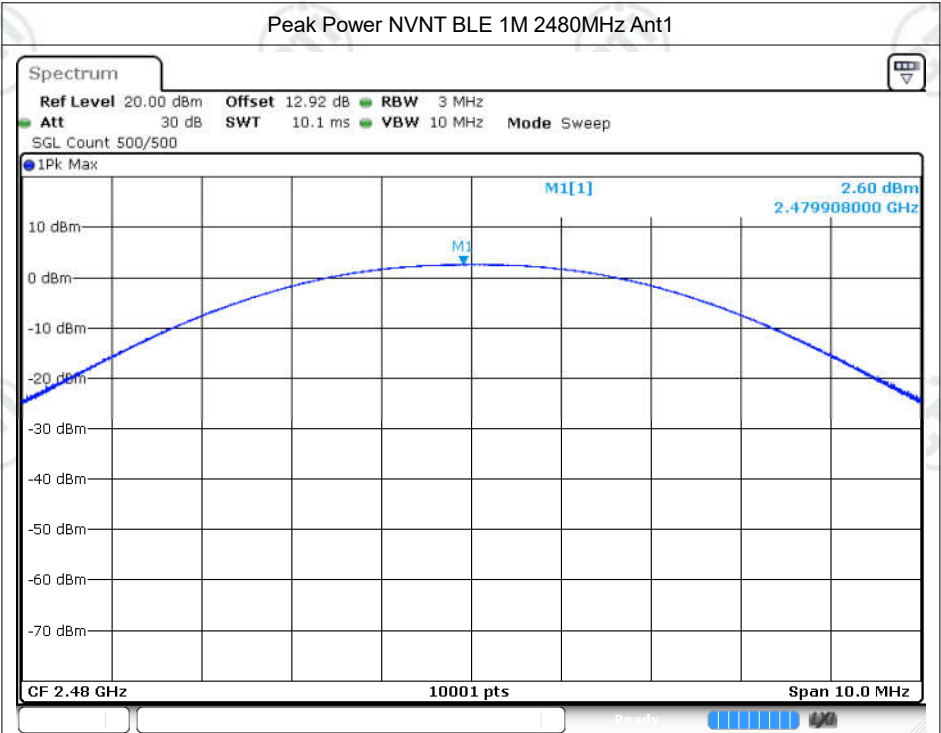


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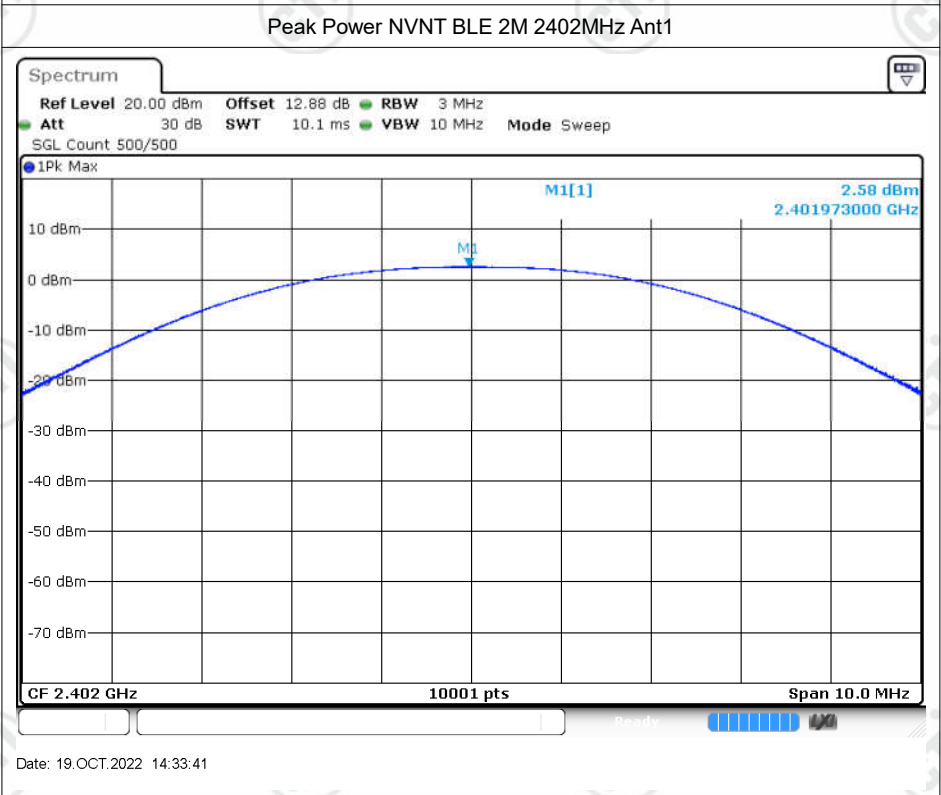
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.44	30	Pass
NVNT	BLE 1M	2440	Ant1	2.42	30	Pass
NVNT	BLE 1M	2480	Ant1	2.6	30	Pass
NVNT	BLE 2M	2402	Ant1	2.58	30	Pass
NVNT	BLE 2M	2440	Ant1	2.71	30	Pass
NVNT	BLE 2M	2480	Ant1	2.89	30	Pass

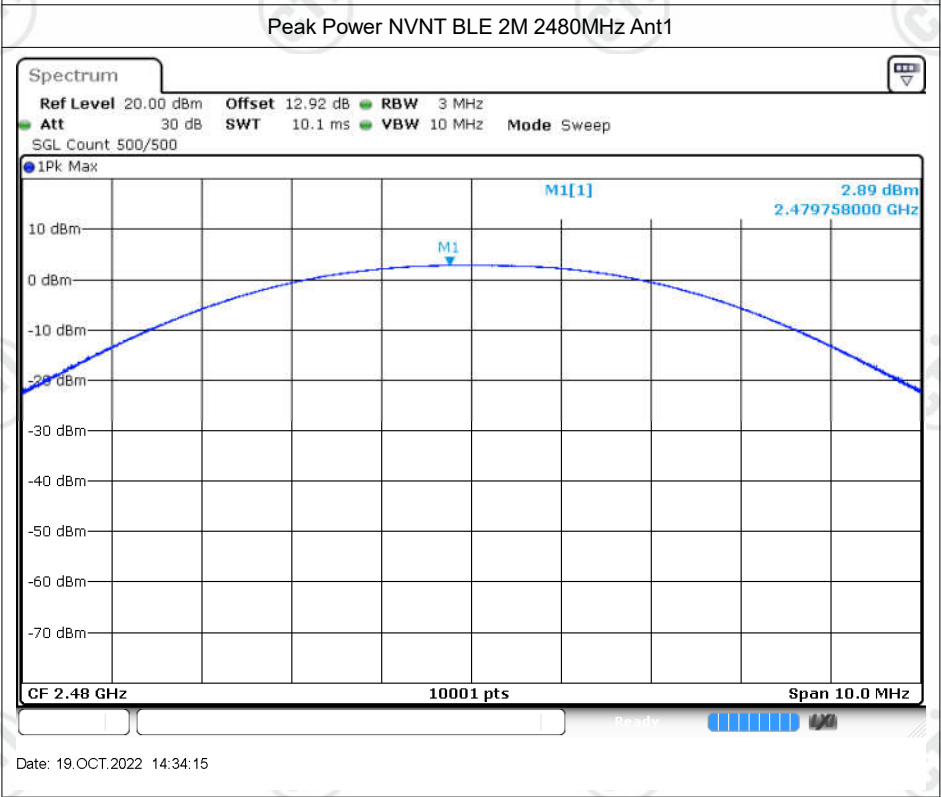
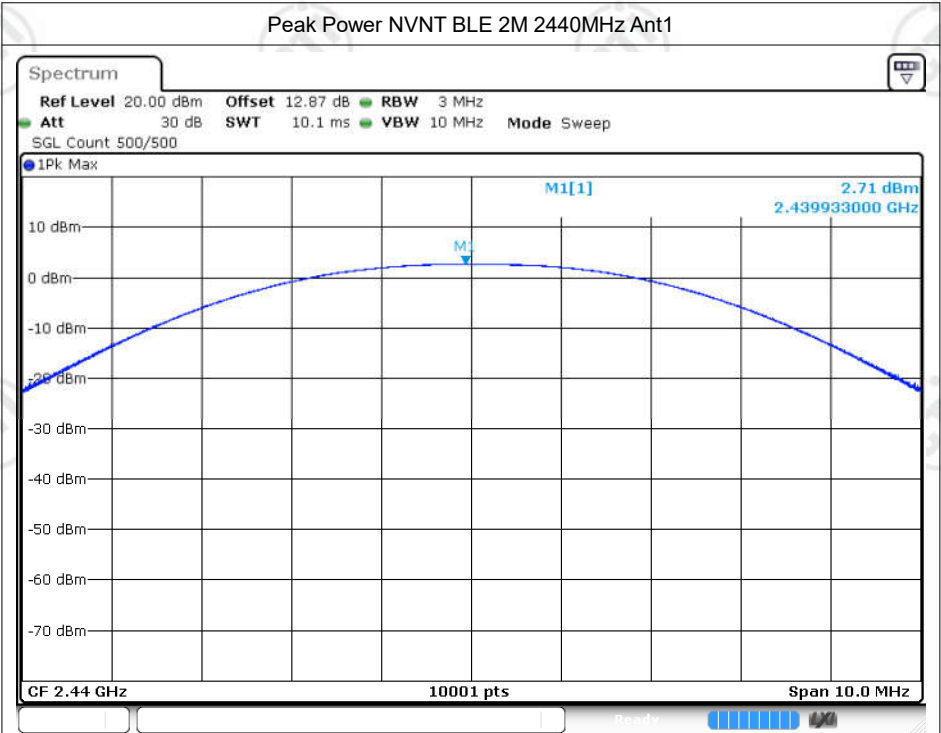




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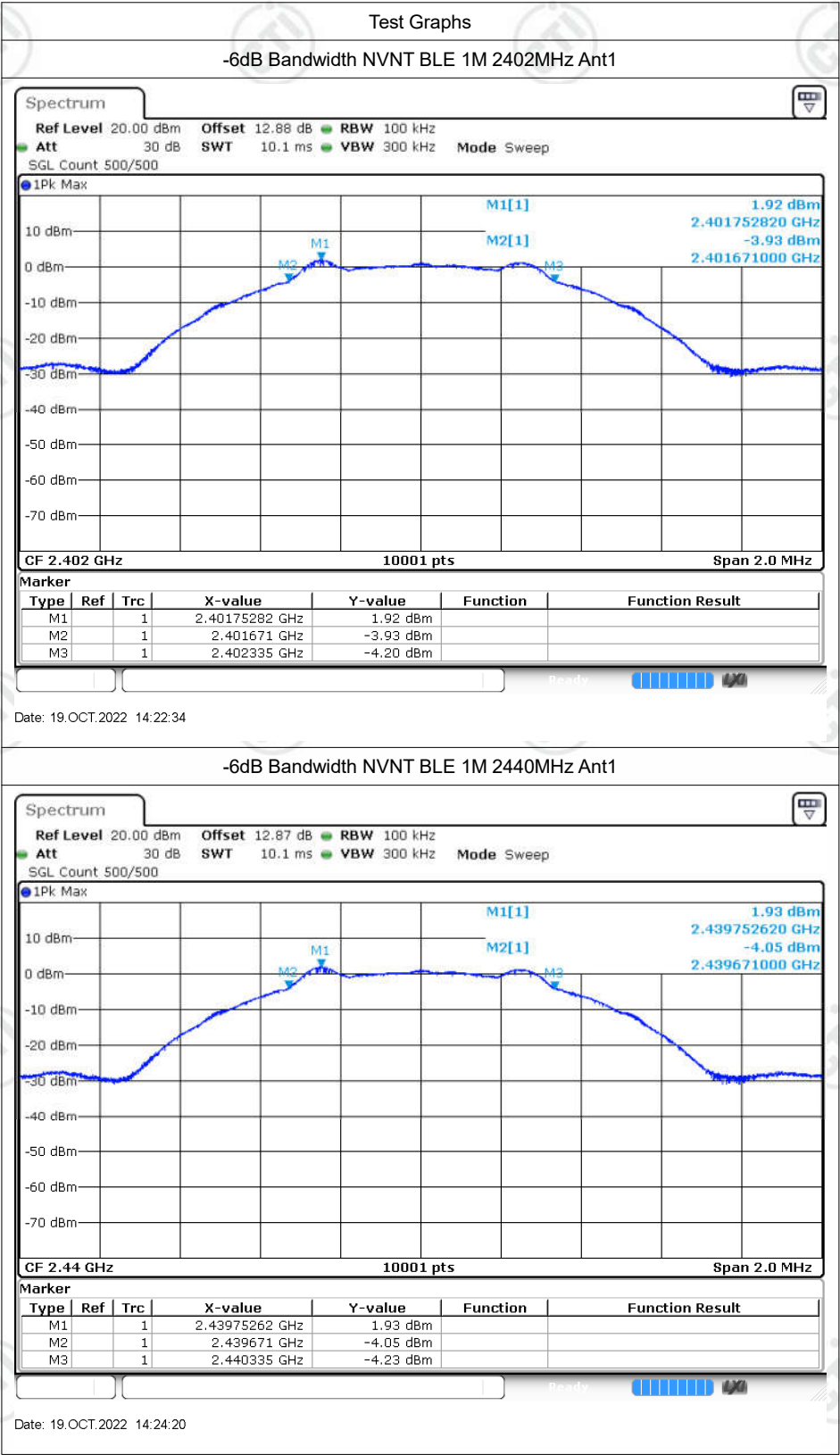


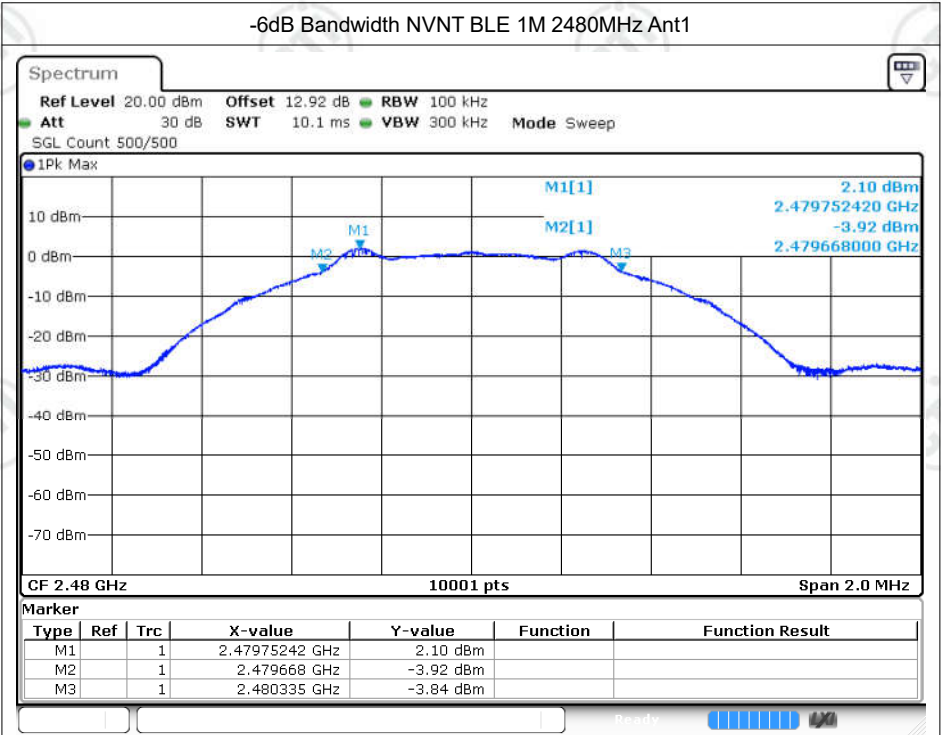
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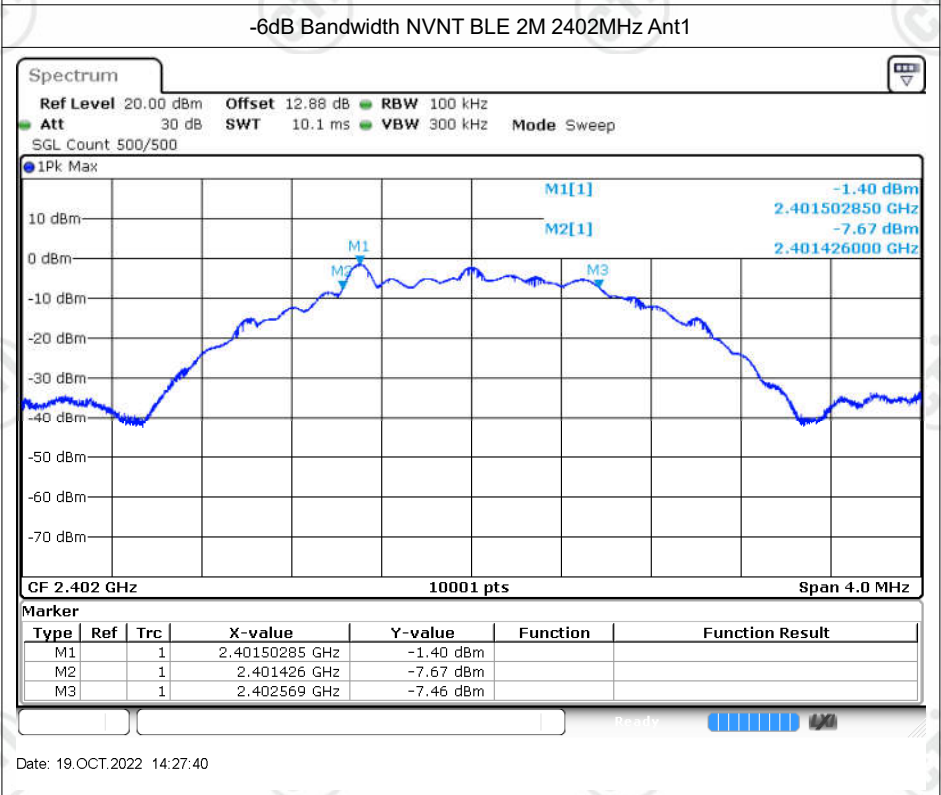
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.664	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.664	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.667	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.142	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.141	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.144	0.5	Pass

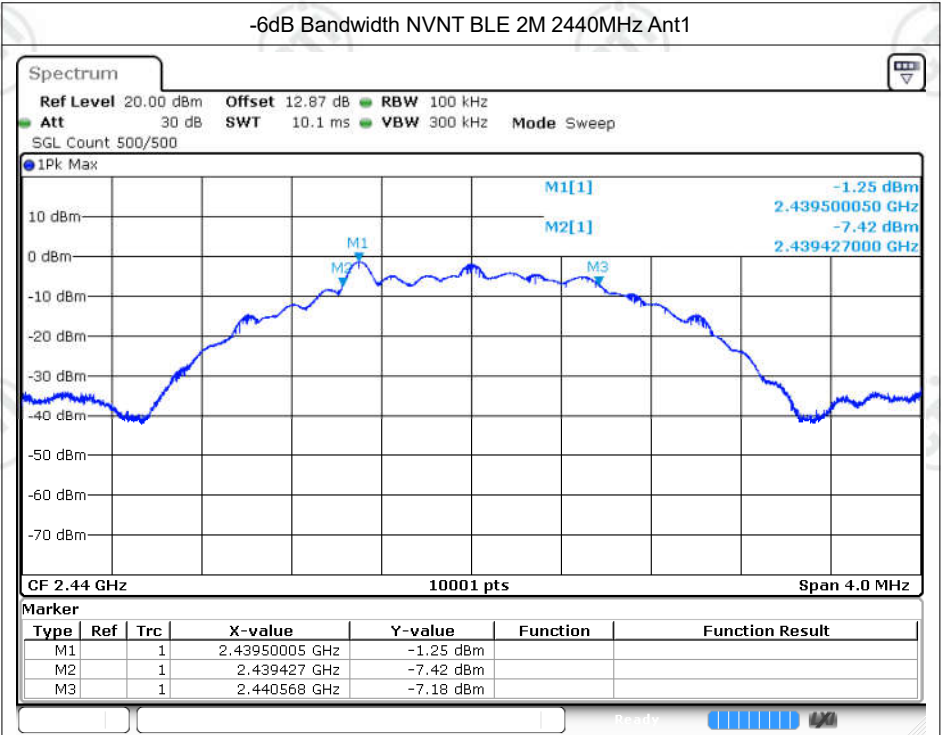




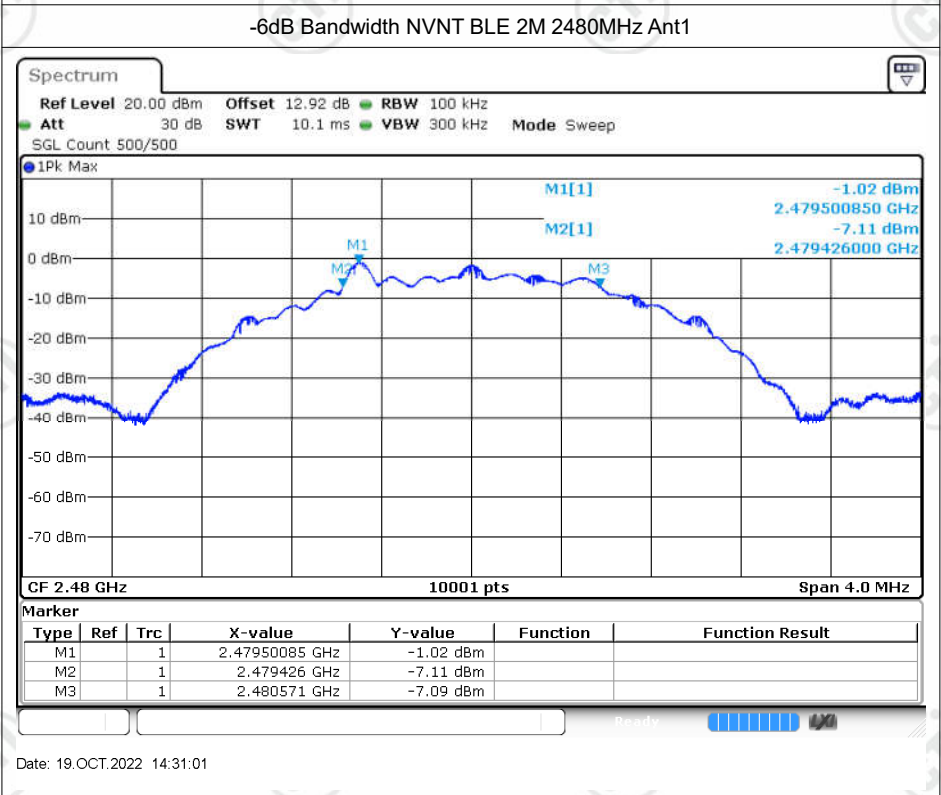
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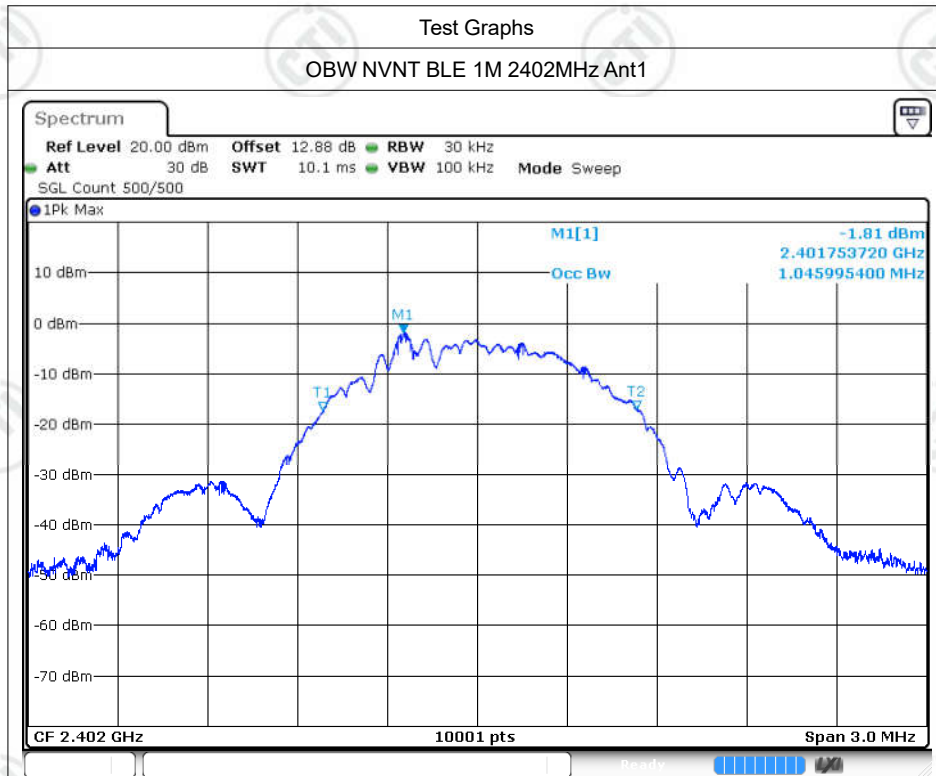
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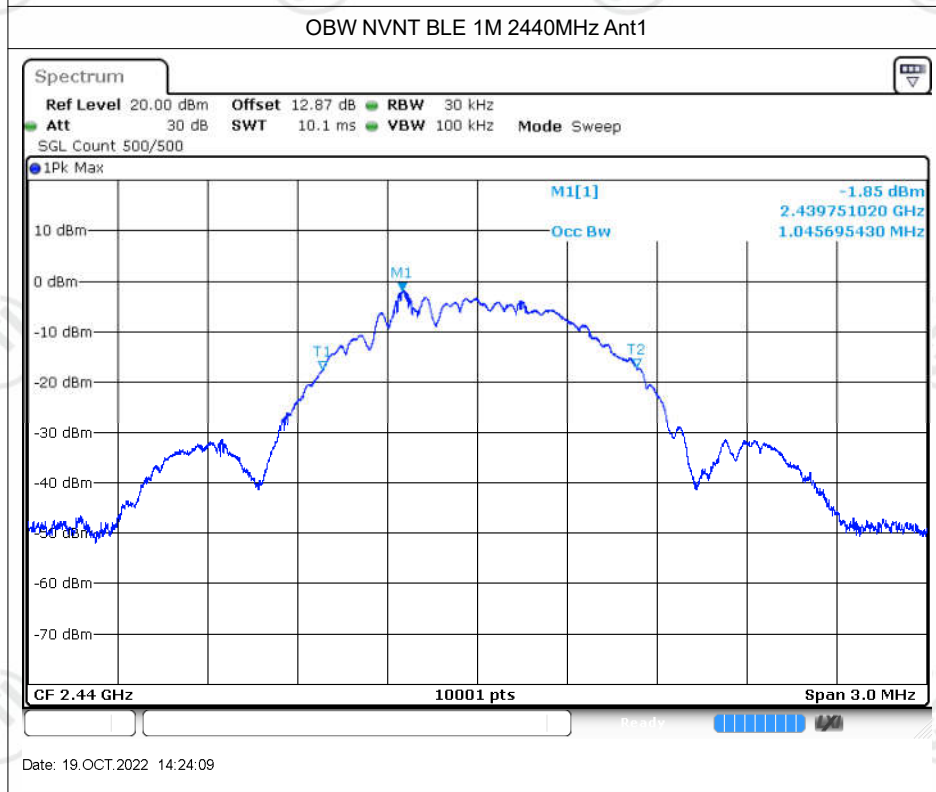
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Occupied Channel Bandwidth

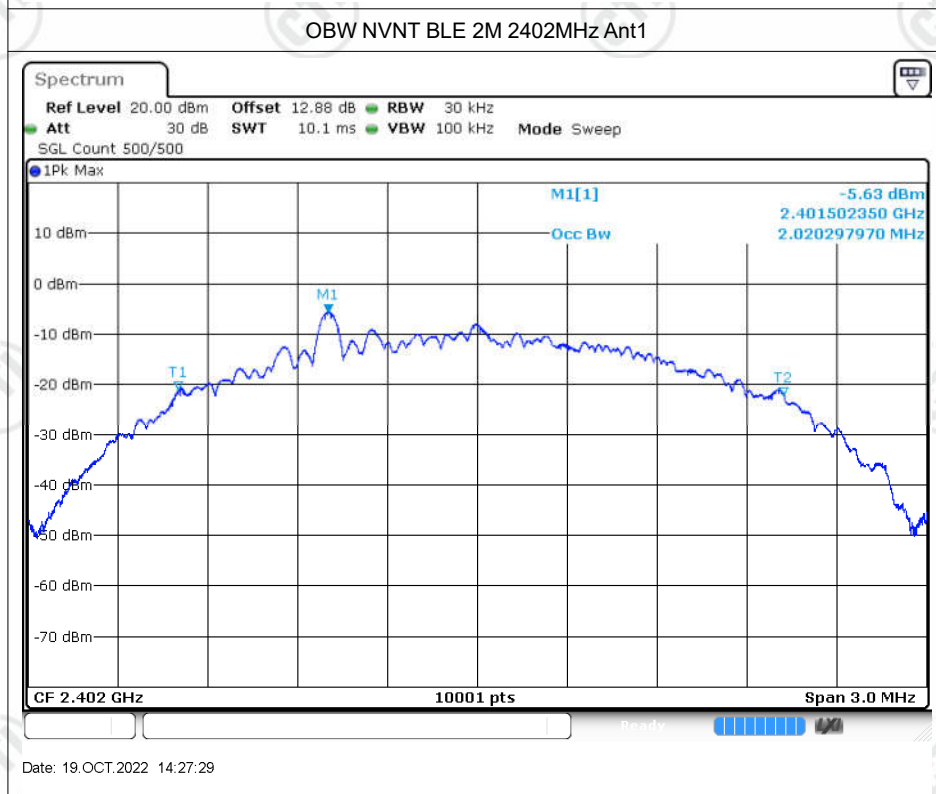
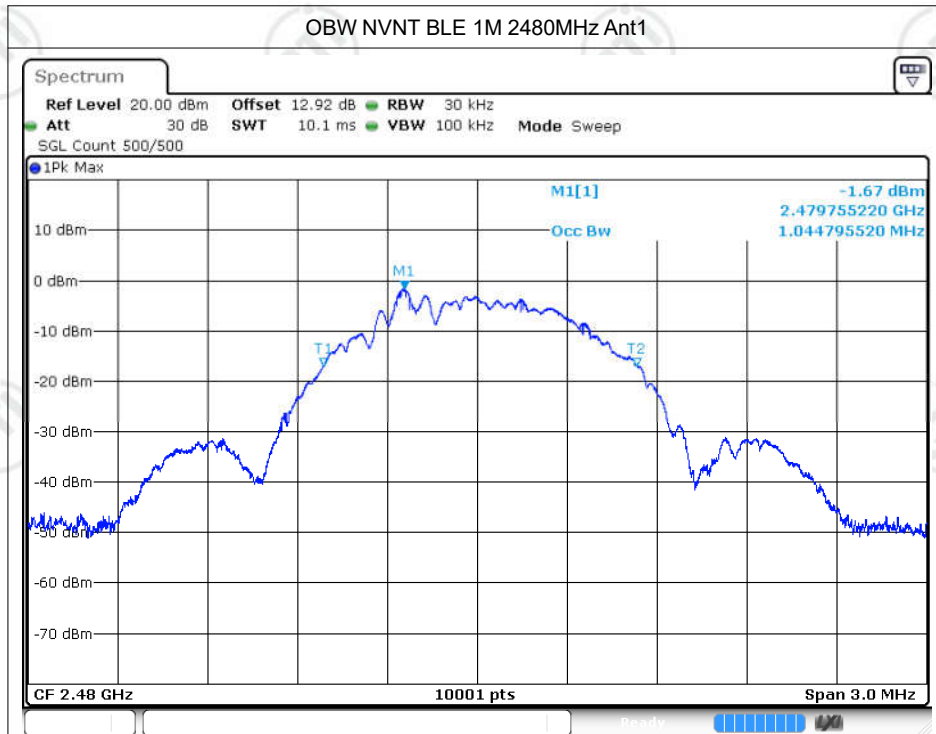
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.046
NVNT	BLE 1M	2440	Ant1	1.046
NVNT	BLE 1M	2480	Ant1	1.045
NVNT	BLE 2M	2402	Ant1	2.02
NVNT	BLE 2M	2440	Ant1	2.021
NVNT	BLE 2M	2480	Ant1	2.022

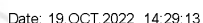


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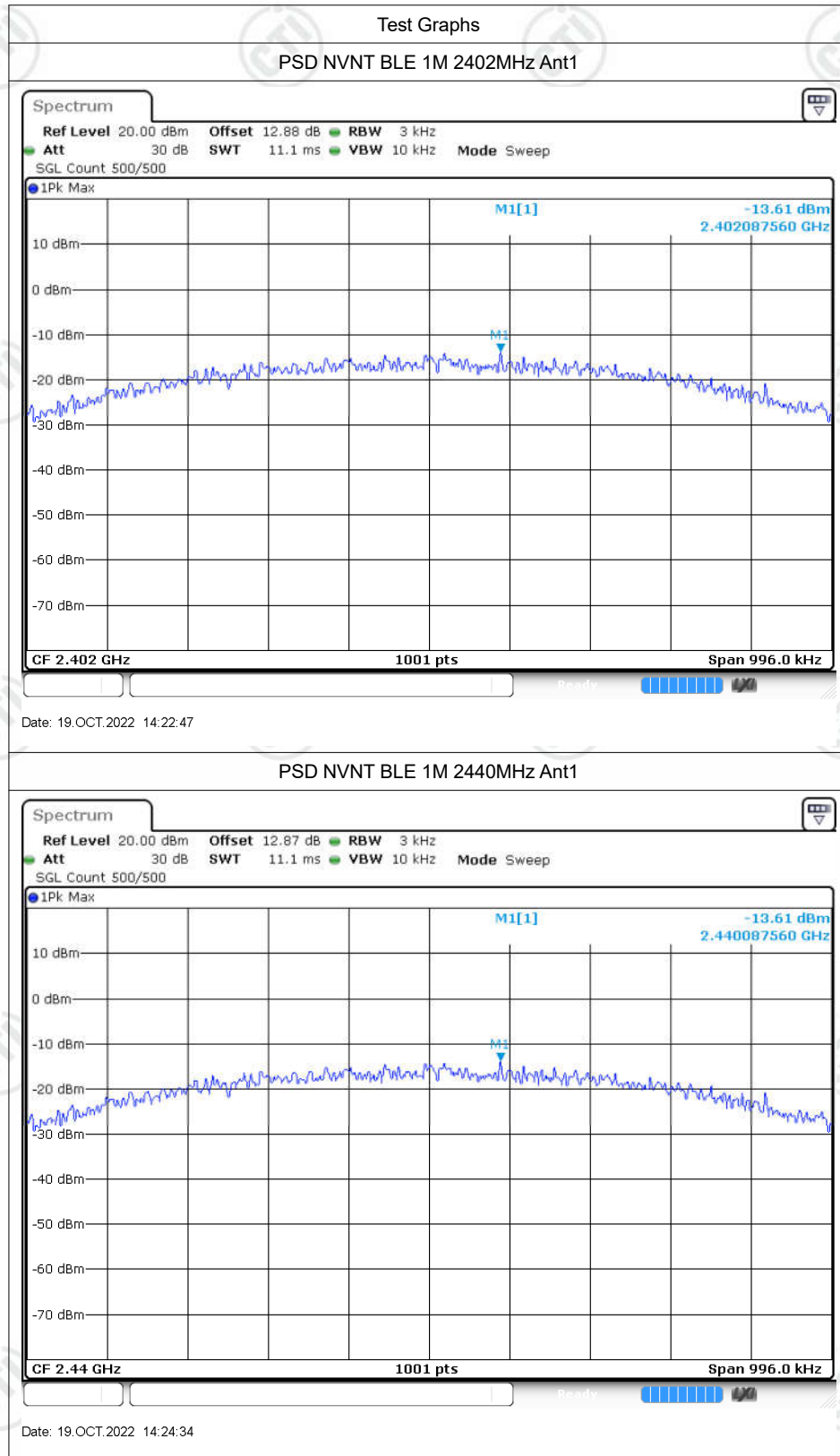
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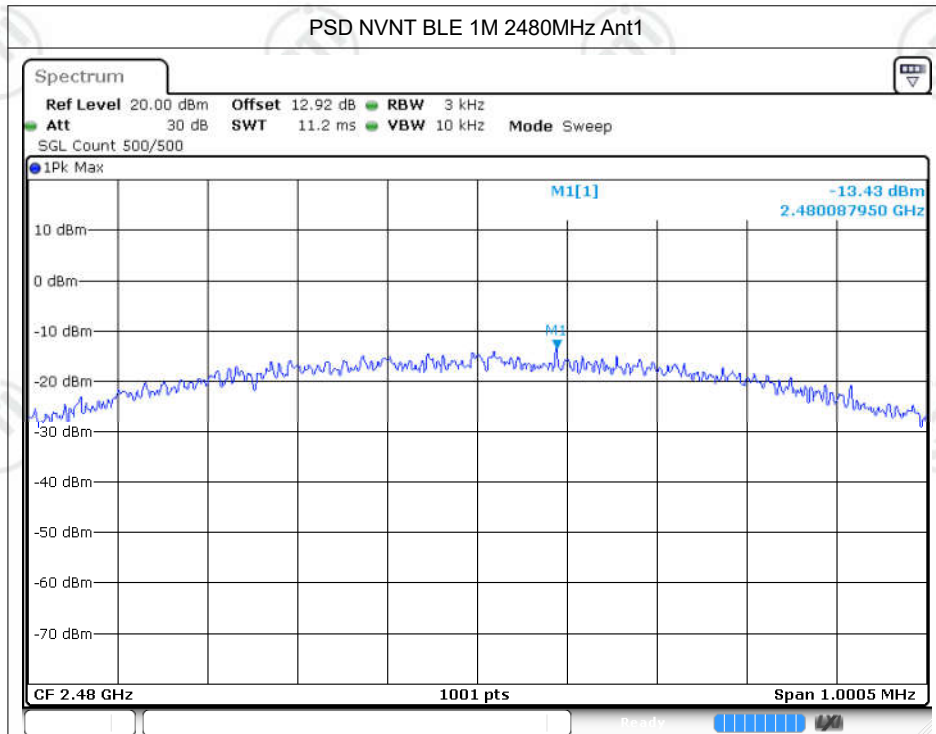




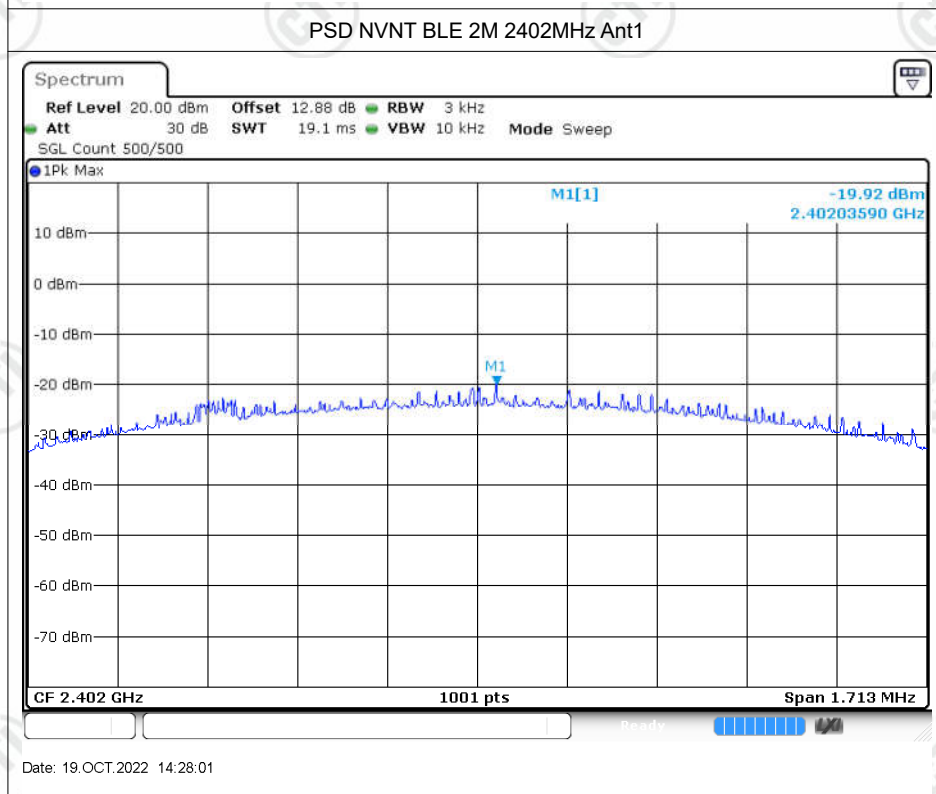
Maximum Power Spectral Density Level

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	-13.61	0	-13.61	8	Pass
NVNT	BLE 1M	2440	Ant1	-13.61	0	-13.61	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.43	0	-13.43	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.92	0	-19.92	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.77	0	-19.77	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.57	0	-19.57	8	Pass

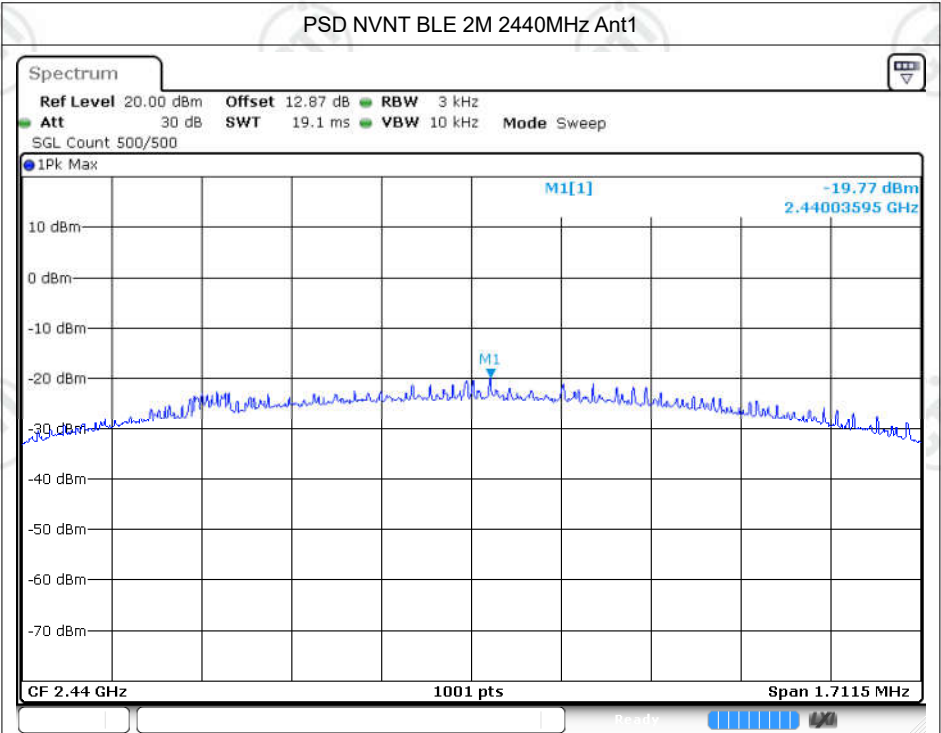




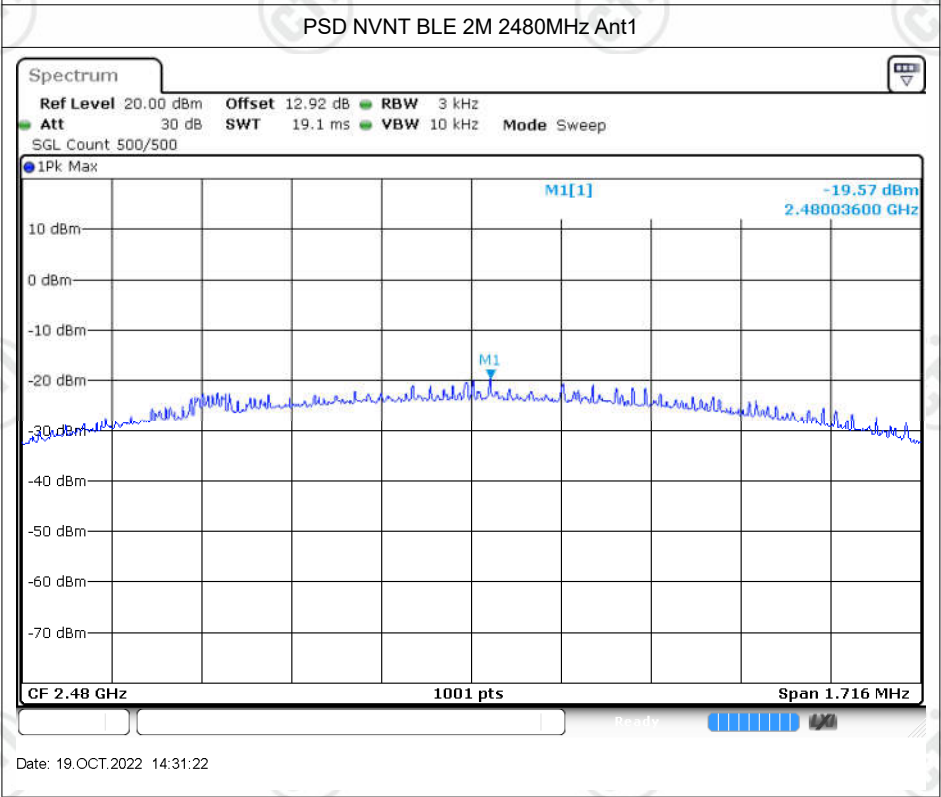
Date: 19.OCT.2022 14:26:11



Date: 19.OCT.2022 14:28:01



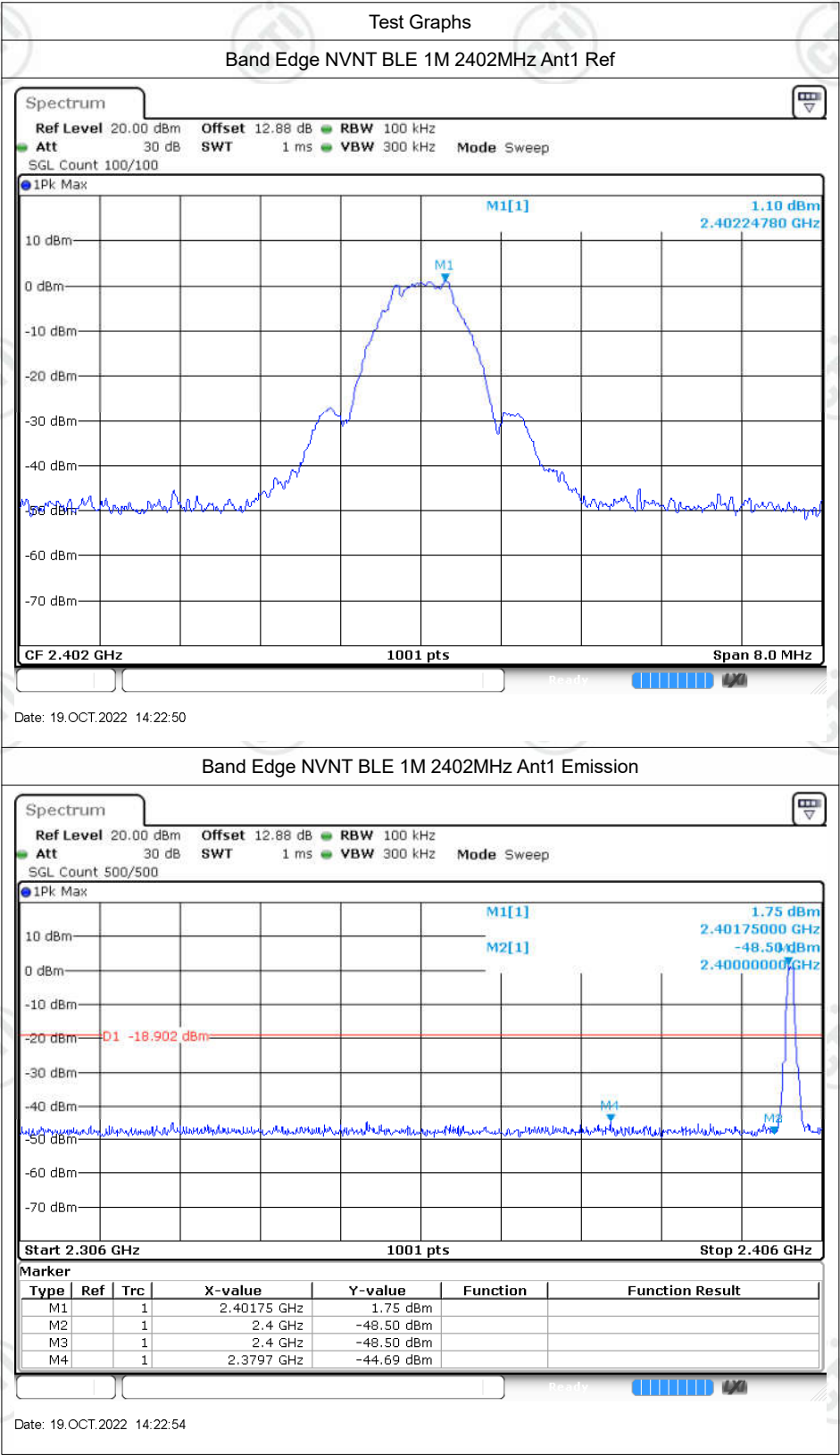
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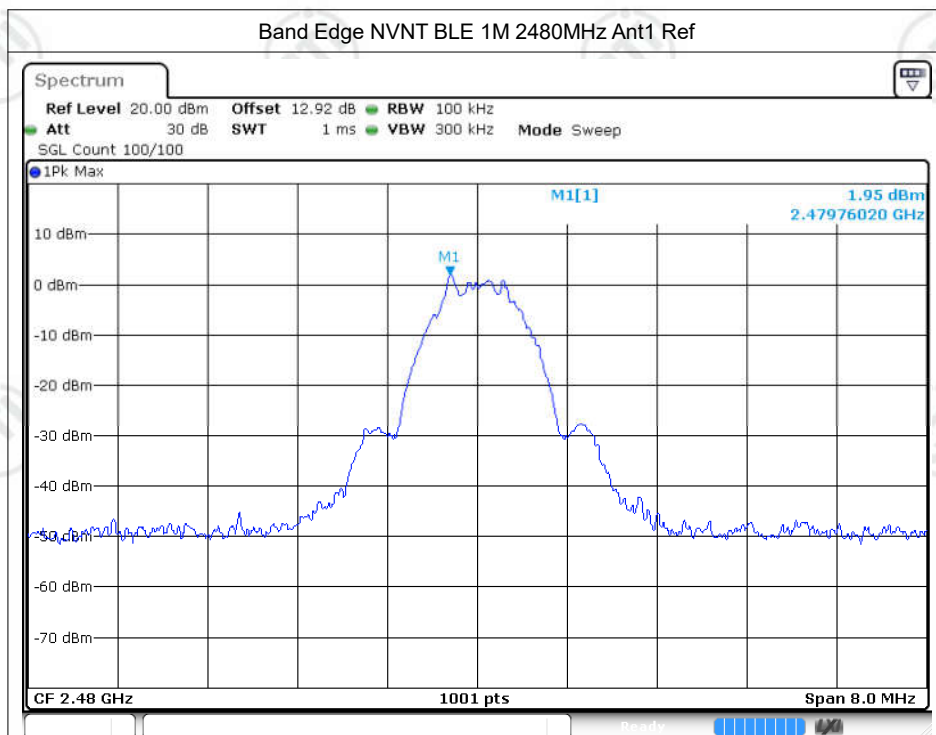


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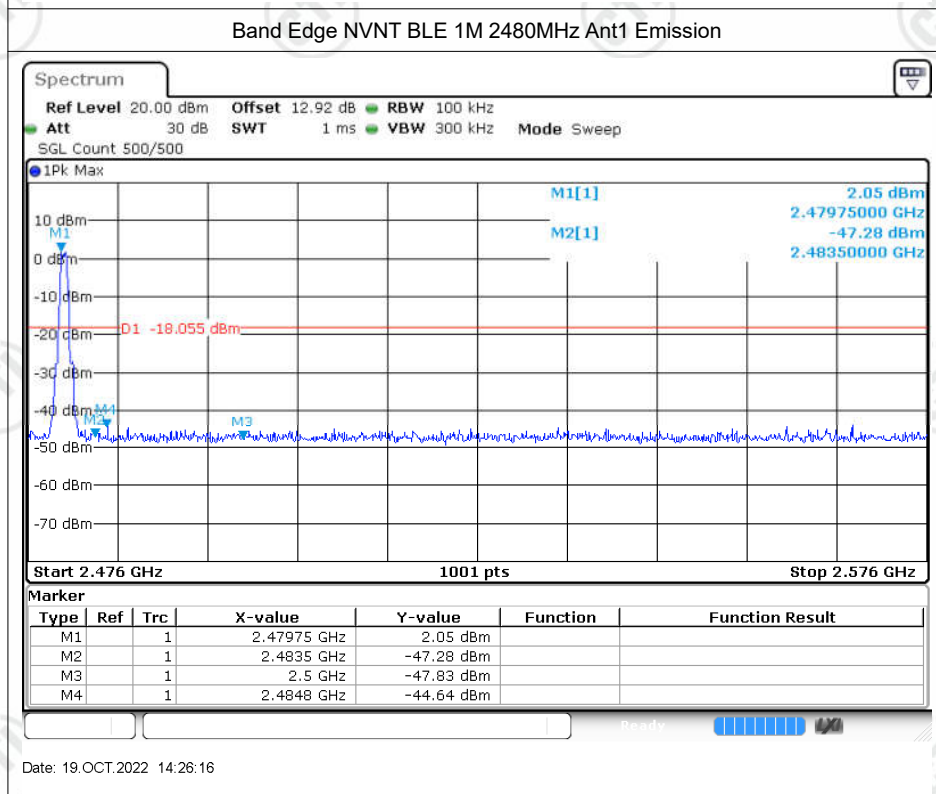
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.79	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.58	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.65	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.42	-20	Pass

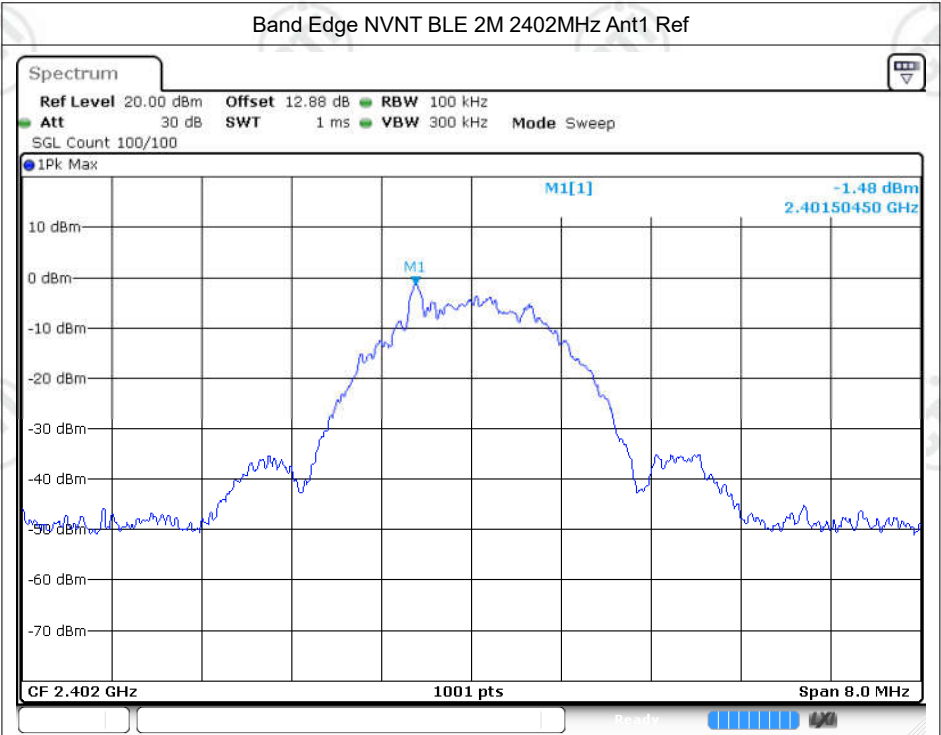




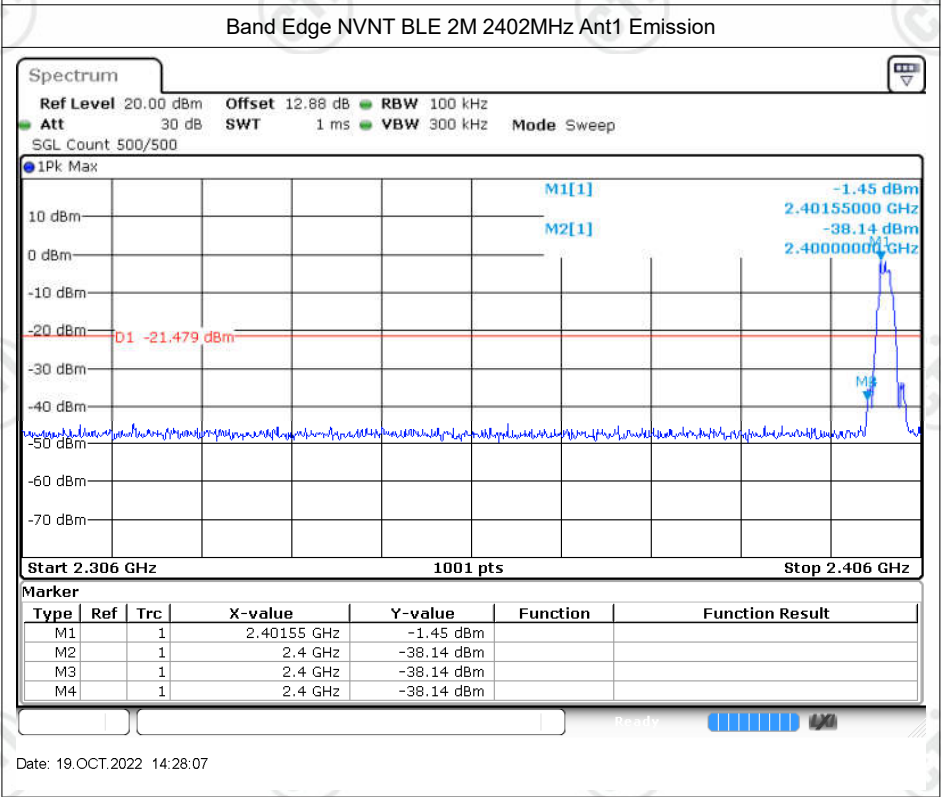
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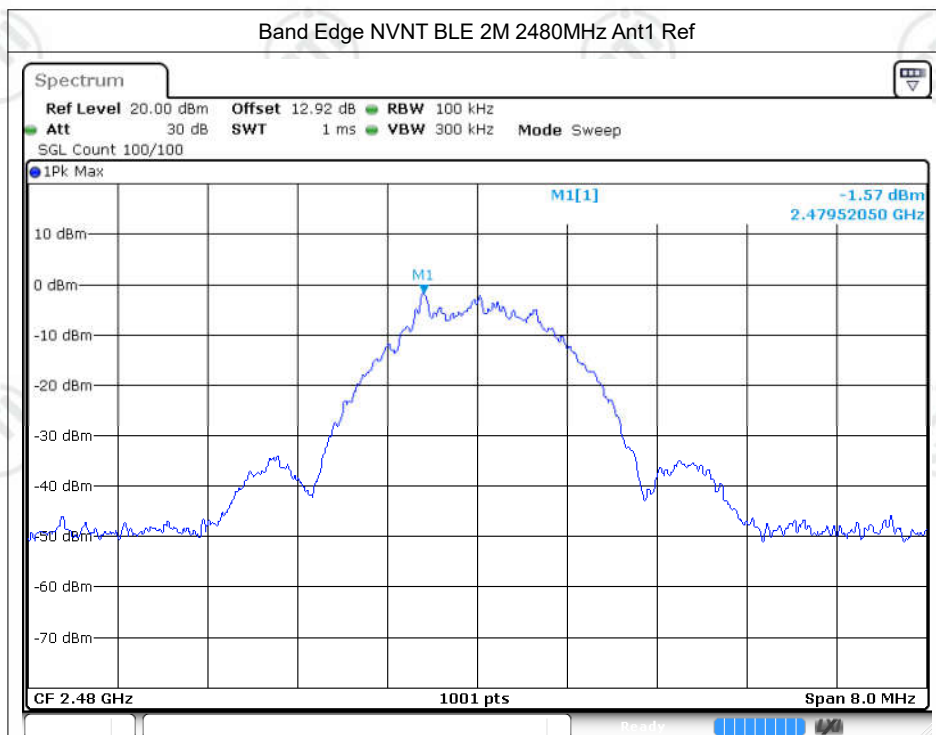
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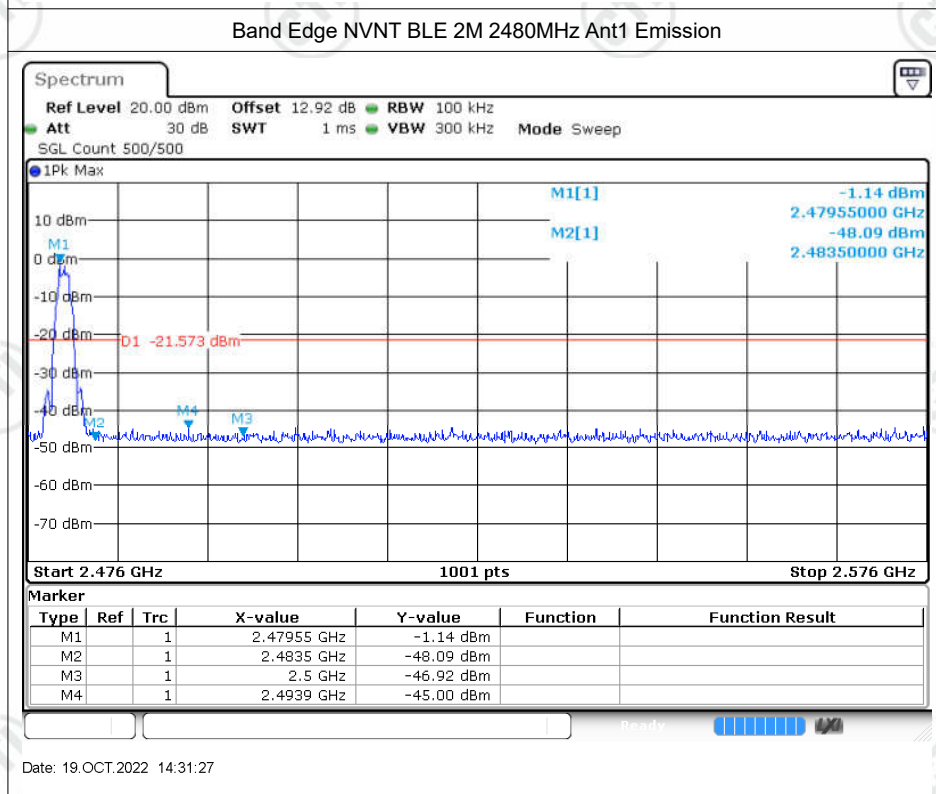
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Date: 19.OCT.2022 14:28:07



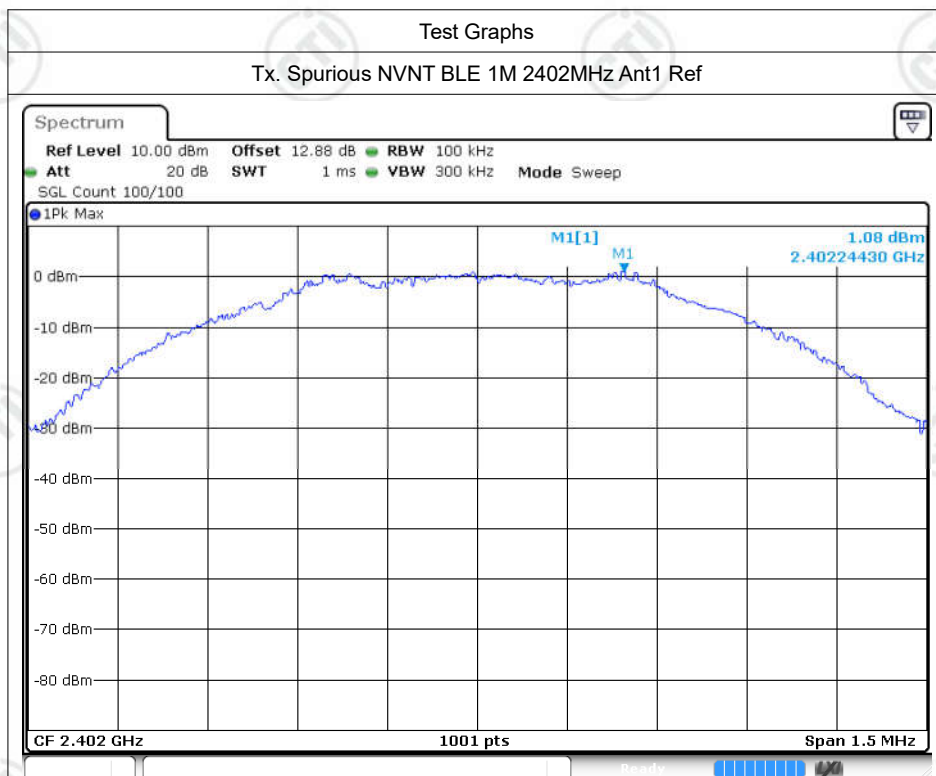
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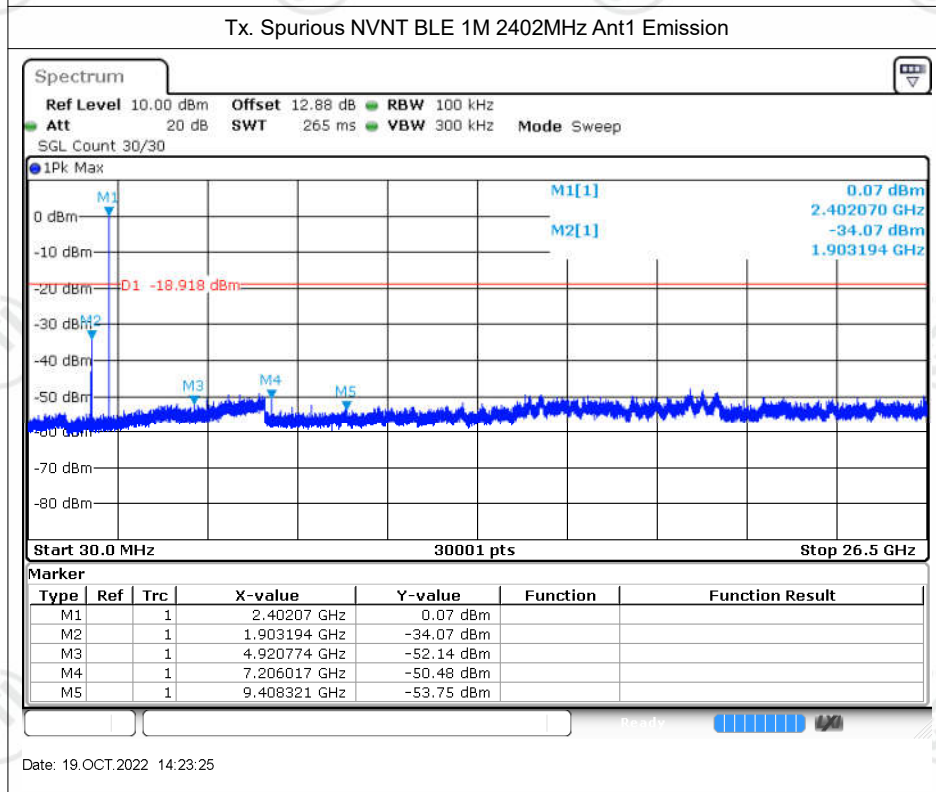
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Conducted RF Spurious Emission

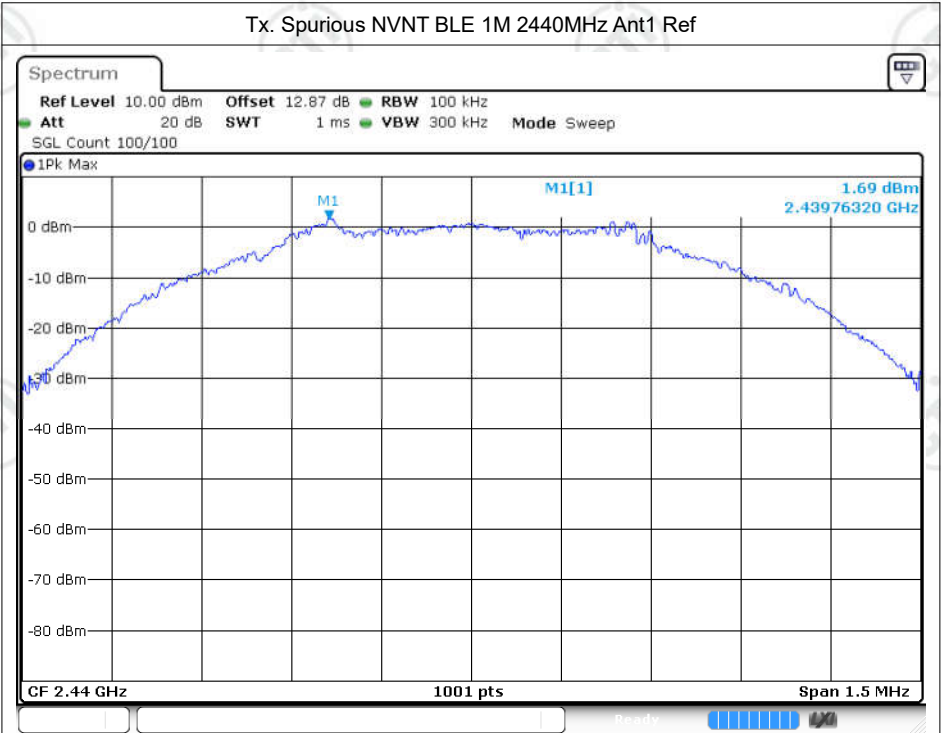
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-35.15	-20	Pass
NVNT	BLE 1M	2440	Ant1	-50.65	-20	Pass
NVNT	BLE 1M	2480	Ant1	-49.72	-20	Pass
NVNT	BLE 2M	2402	Ant1	-46.31	-20	Pass
NVNT	BLE 2M	2440	Ant1	-46.66	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.61	-20	Pass



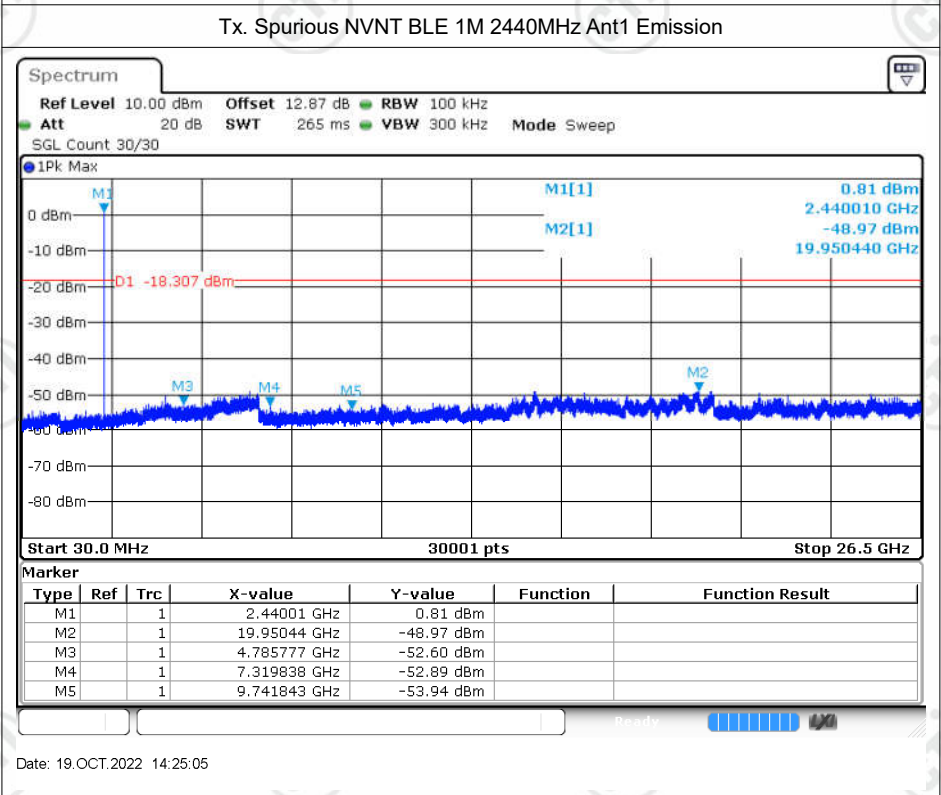
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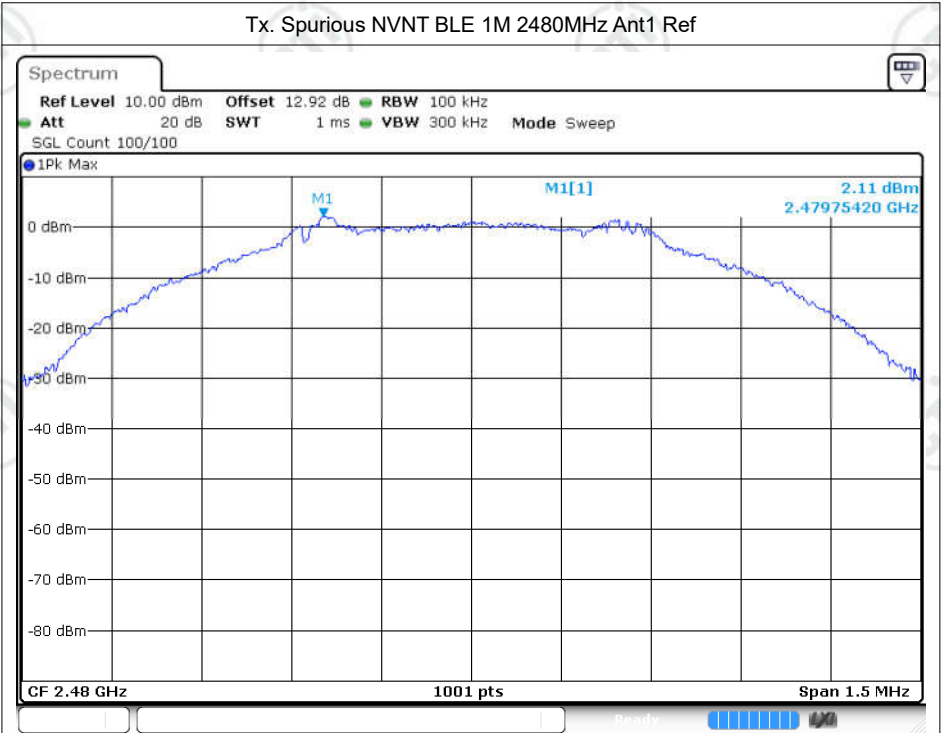
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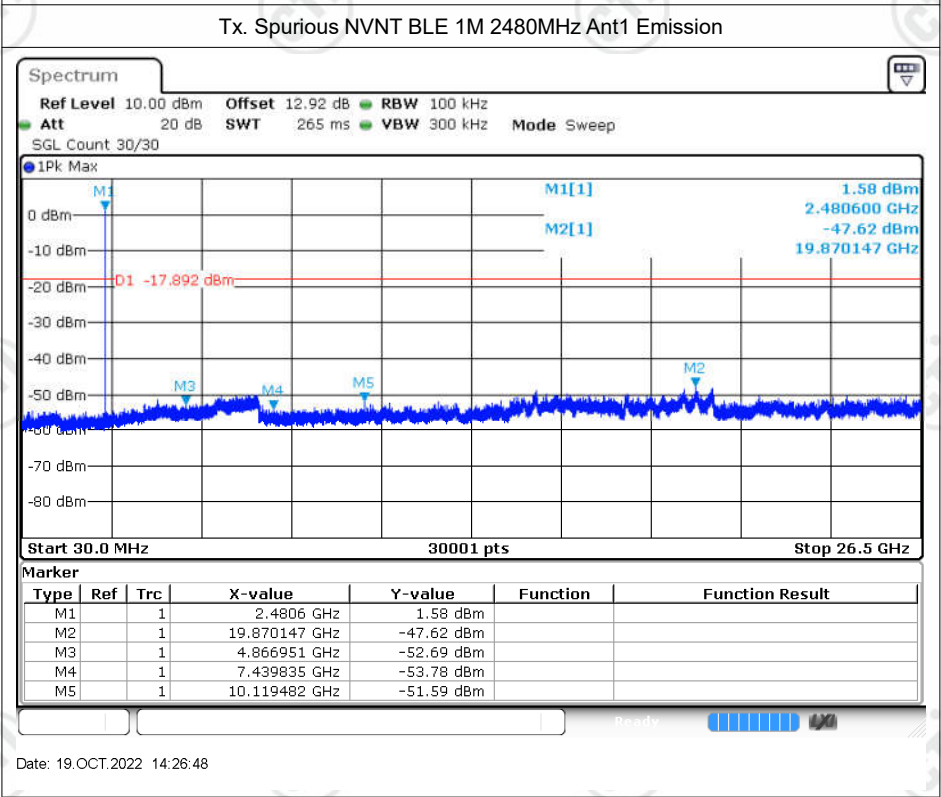
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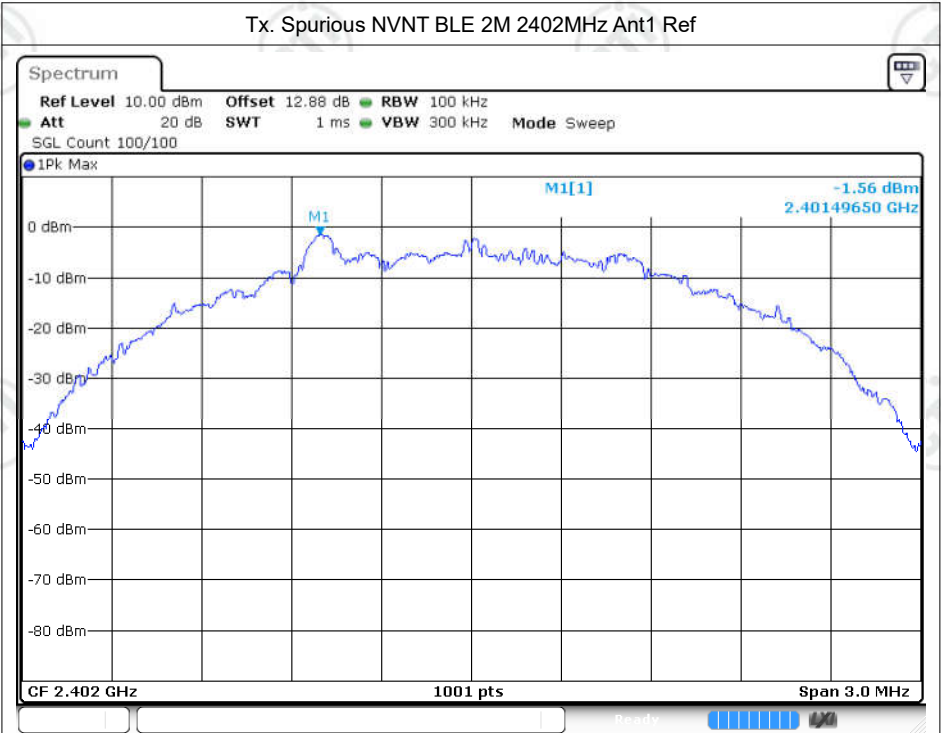
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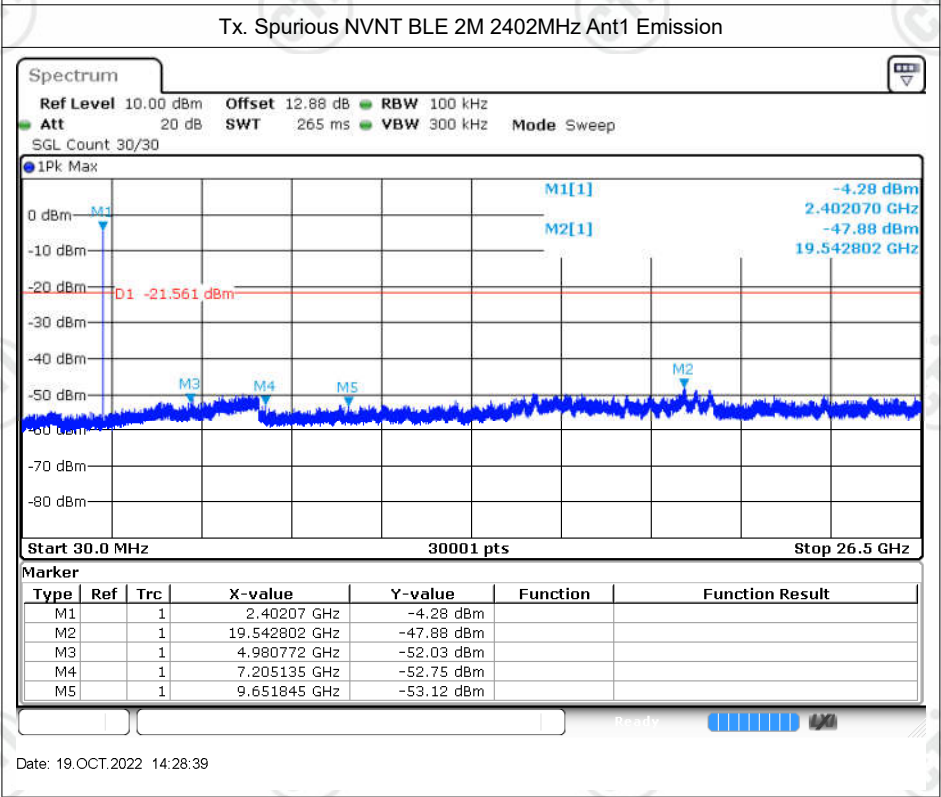
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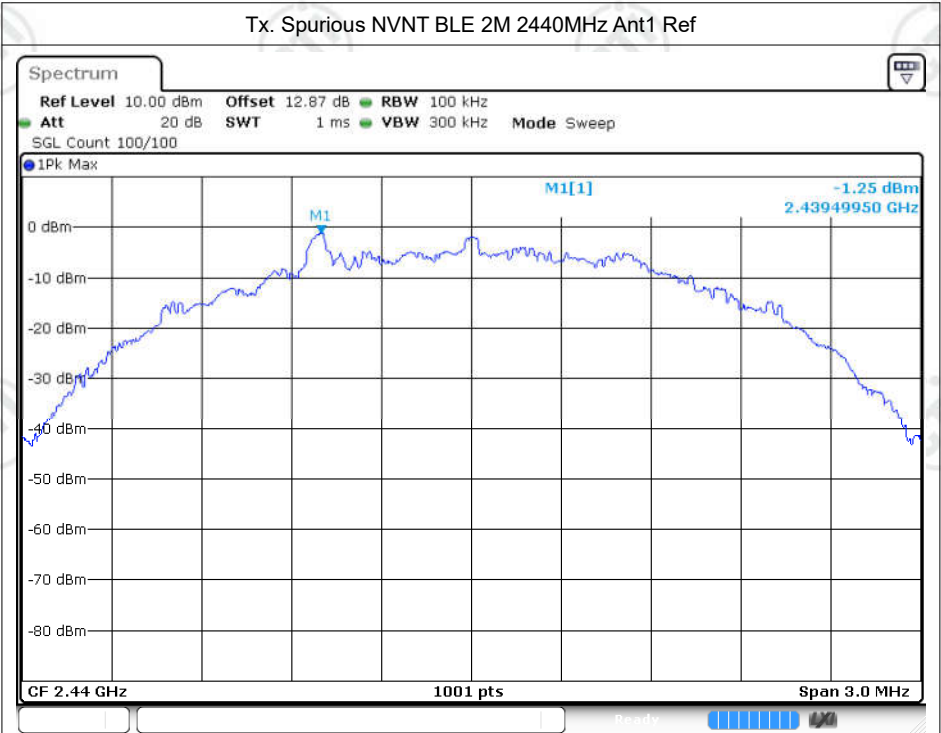
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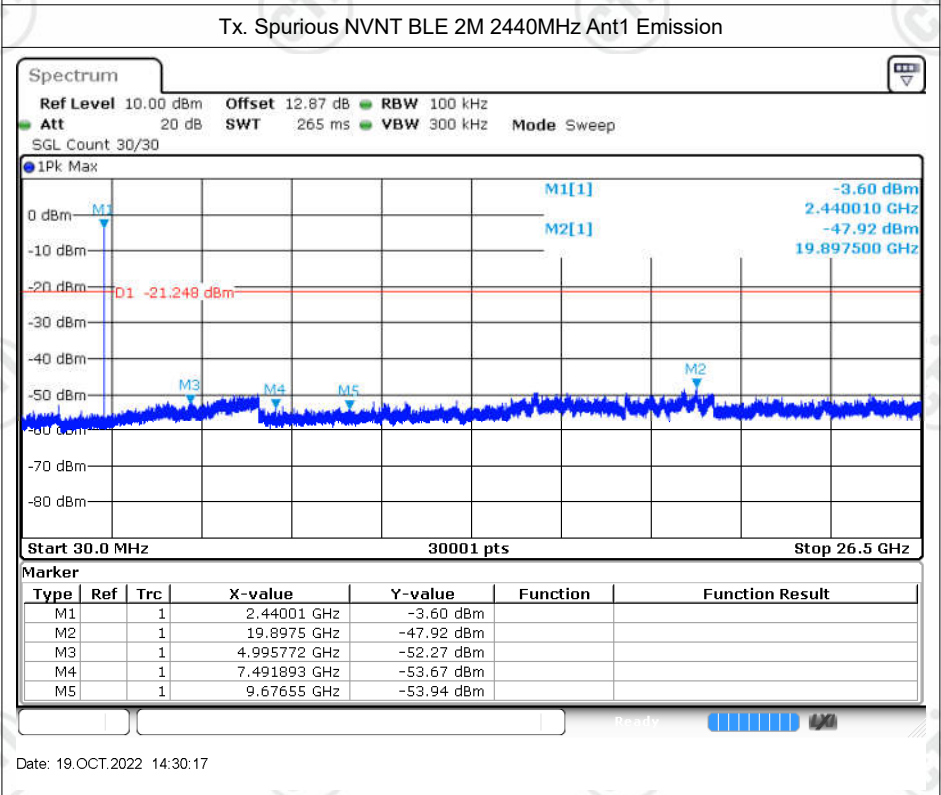
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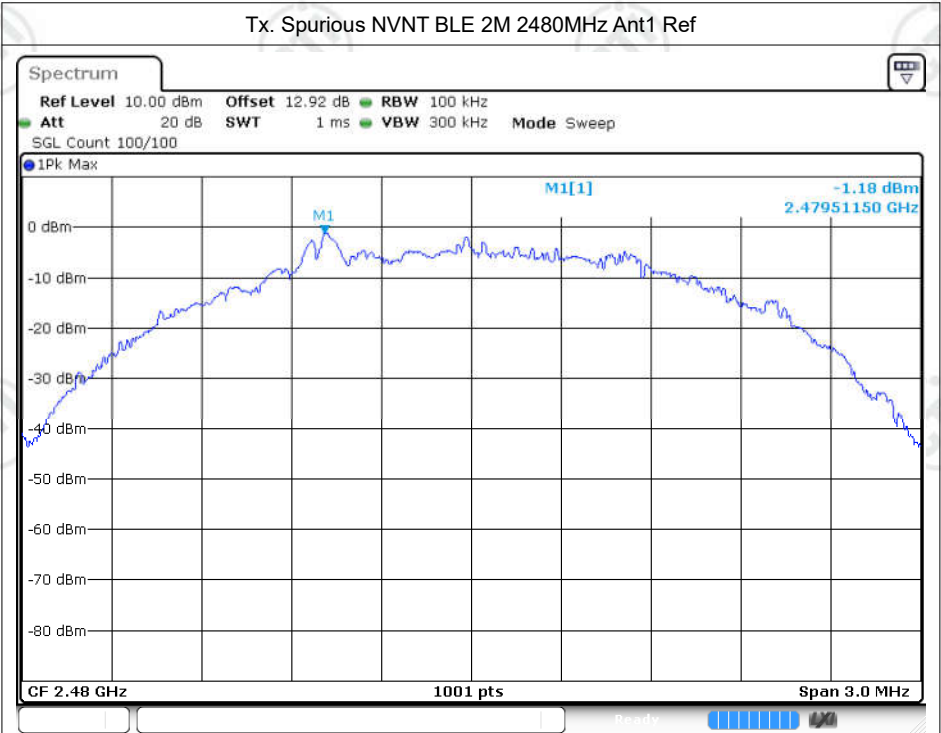
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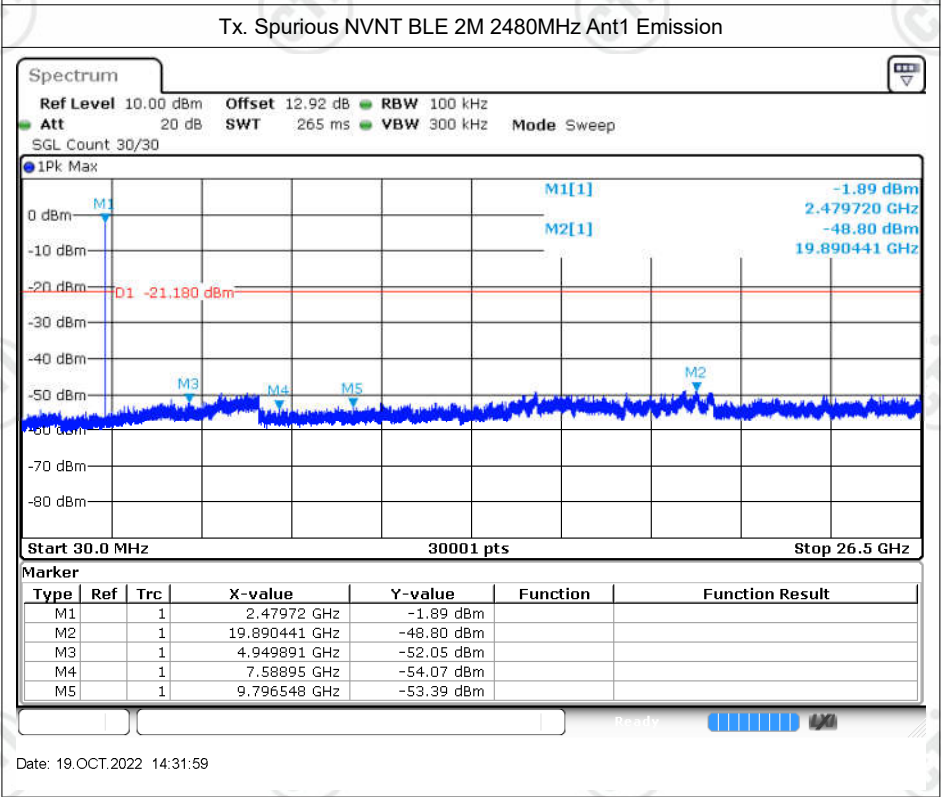
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Date: 19.OCT.2022 14:31:31



Date: 19.OCT.2022 14:31:59

*** End of Report ***