

Appendix: Bluetooth LE

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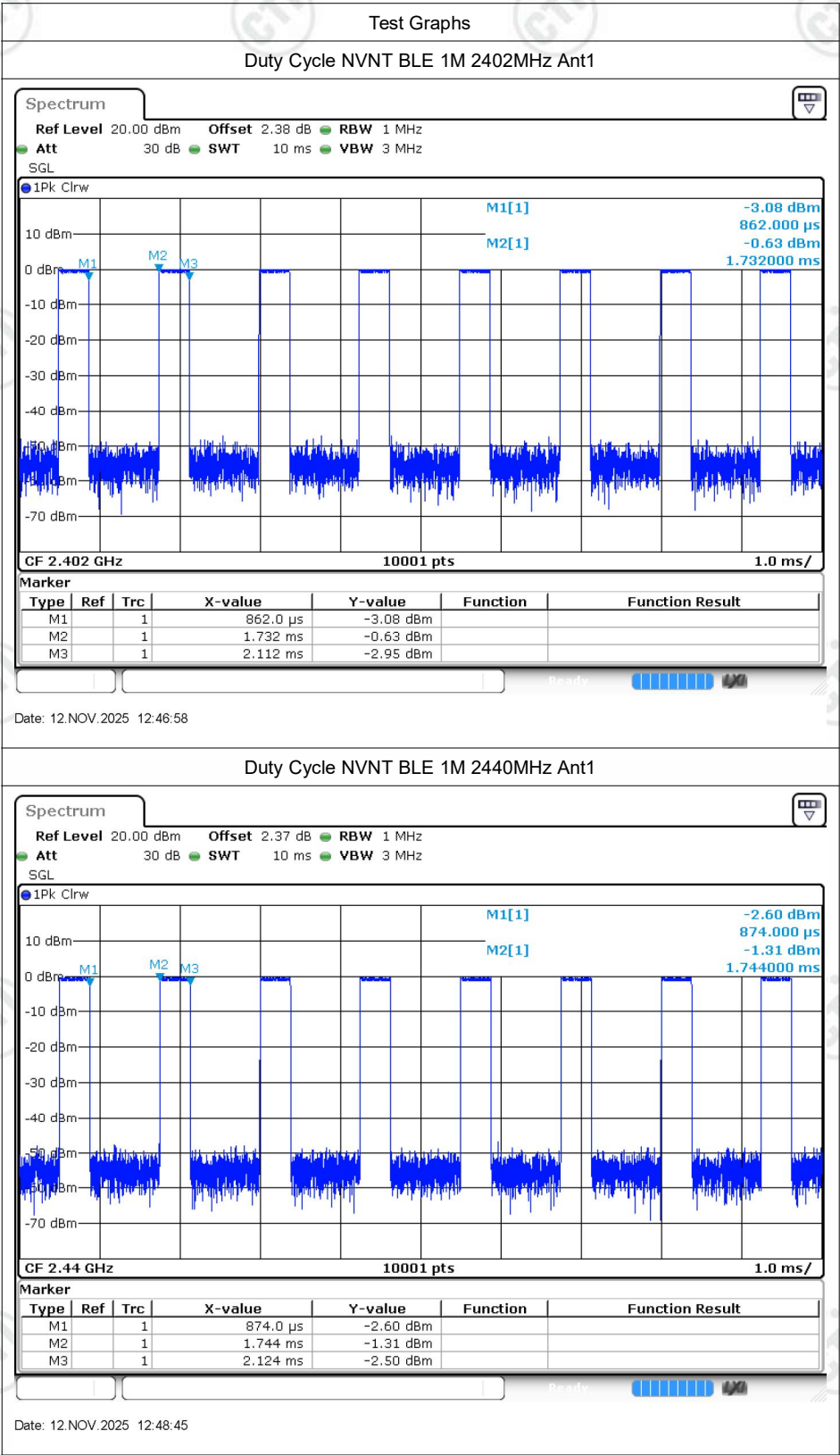
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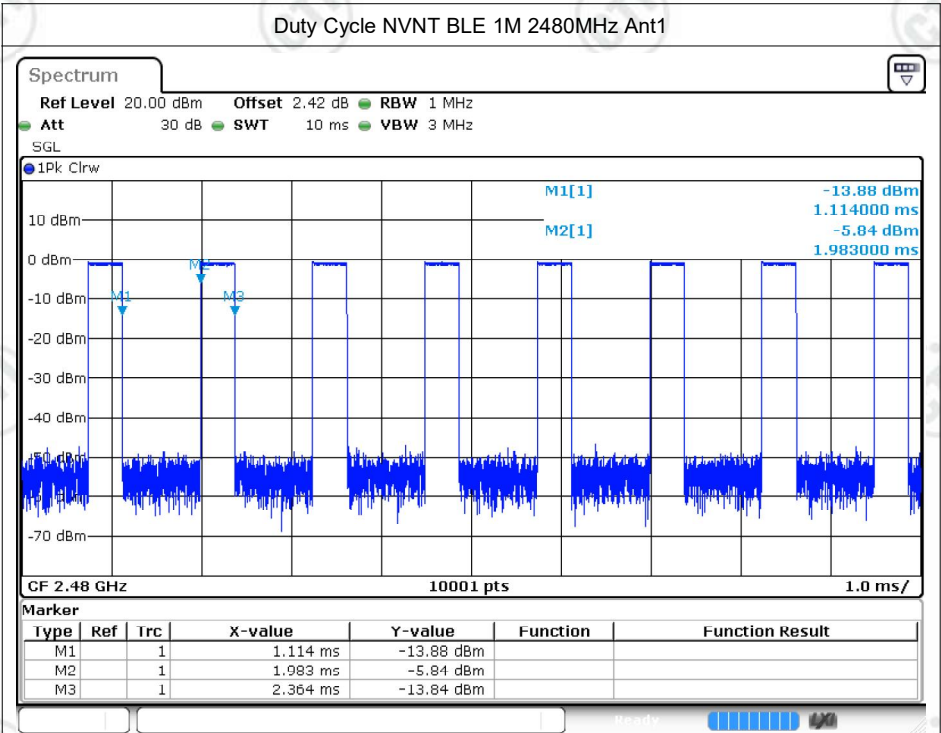
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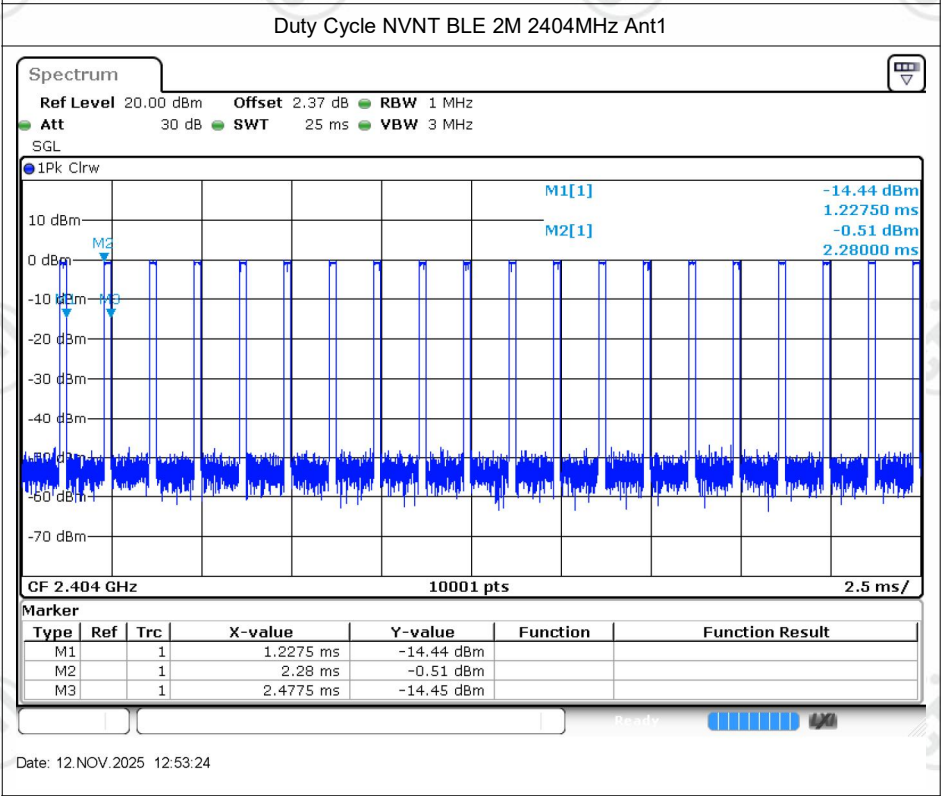
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	30.40	5.17	2.63
NVNT	BLE 1M	2440	Ant1	30.40	5.17	2.63
NVNT	BLE 1M	2480	Ant1	30.48	5.16	2.62
NVNT	BLE 2M	2404	Ant1	15.8	8.01	5.06
NVNT	BLE 2M	2440	Ant1	15.6	8.07	5.13
NVNT	BLE 2M	2478	Ant1	15.8	8.01	5.06

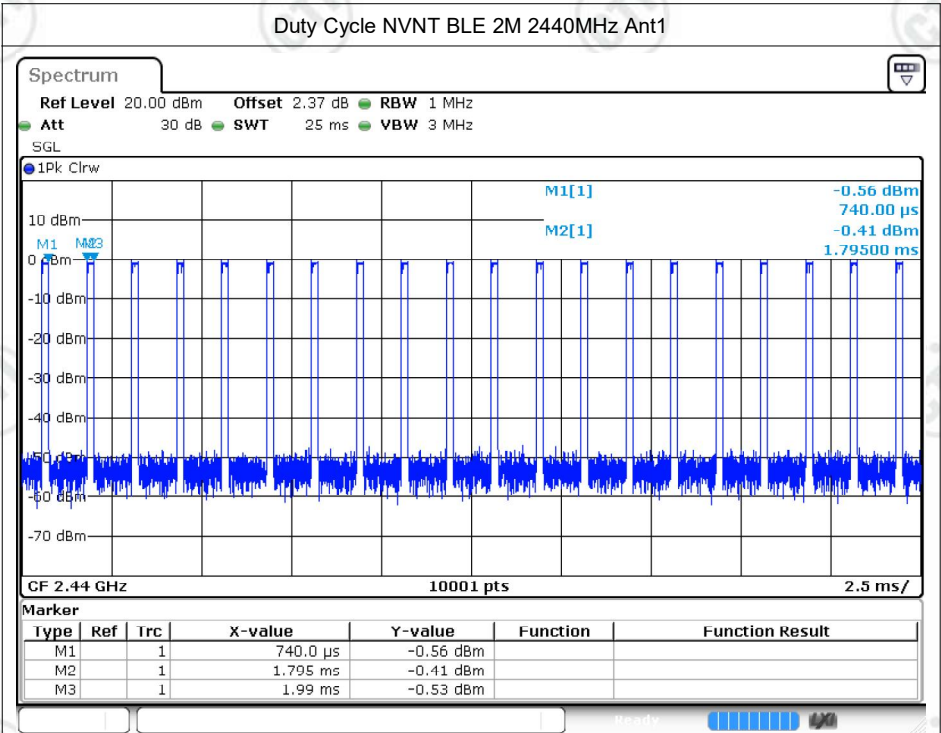




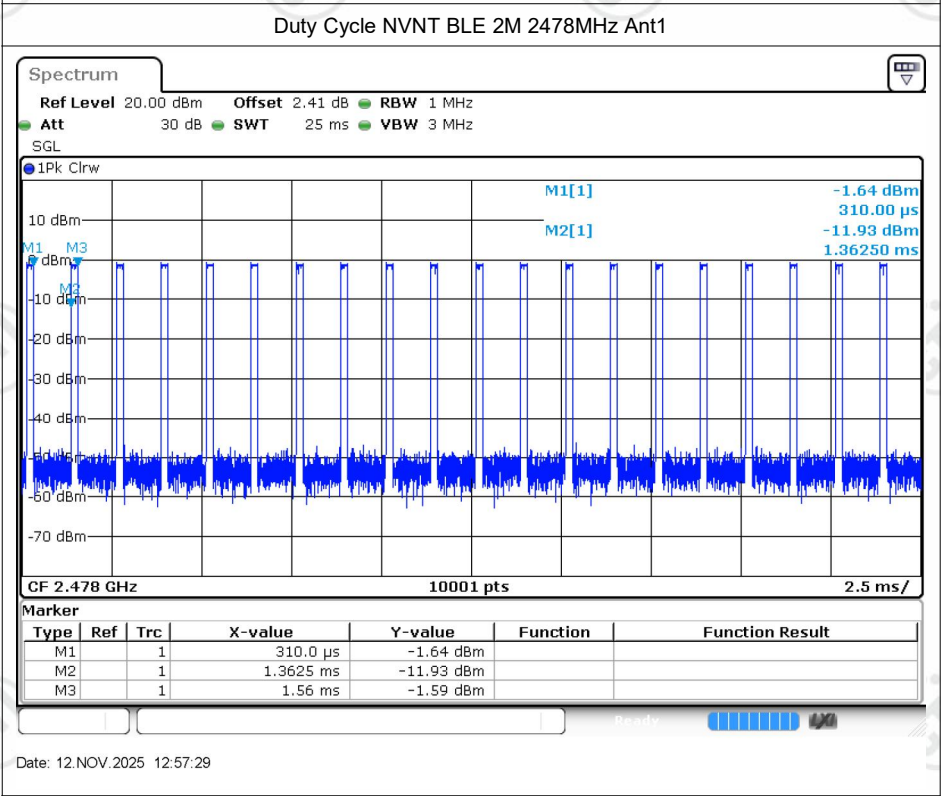
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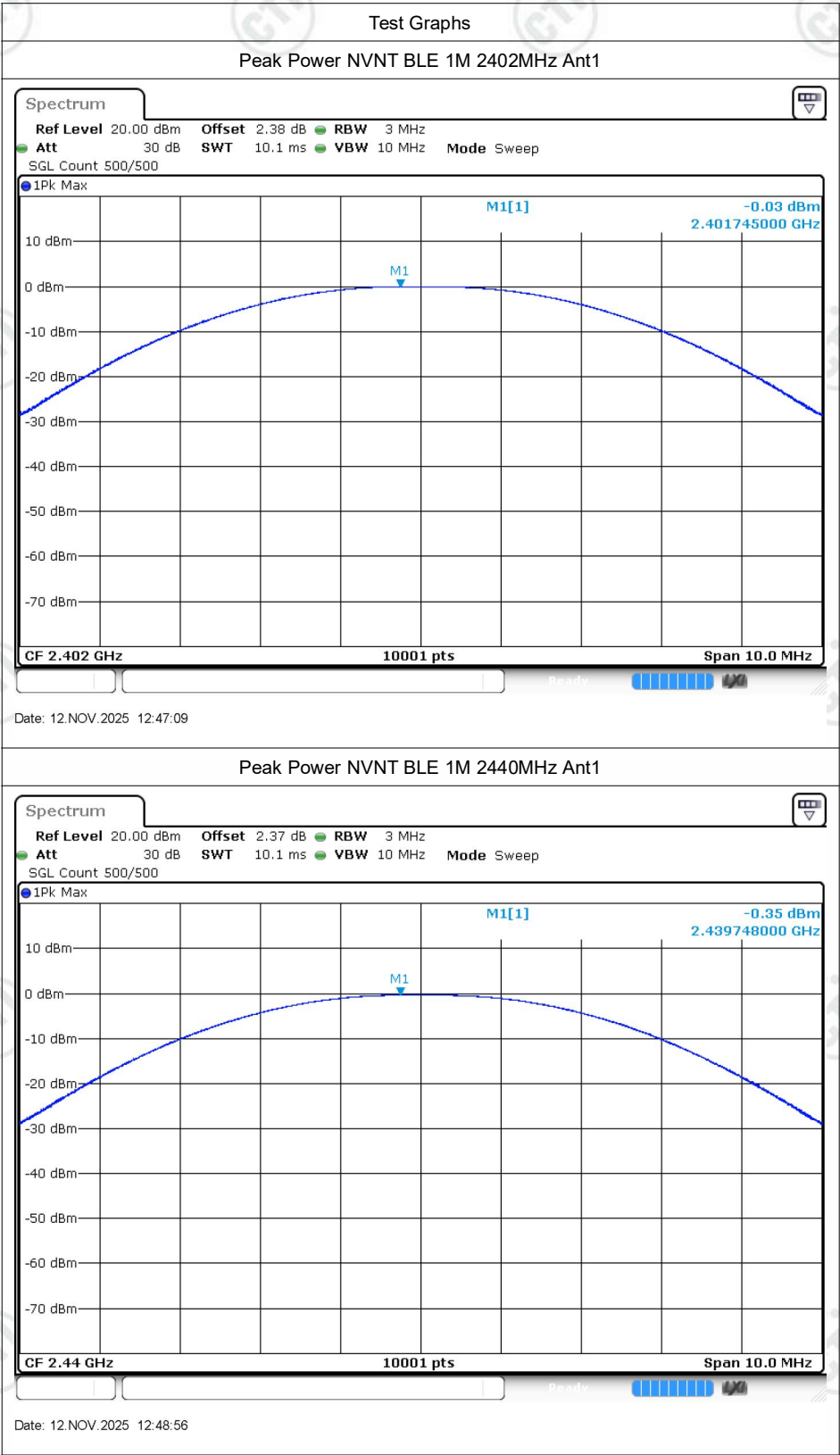
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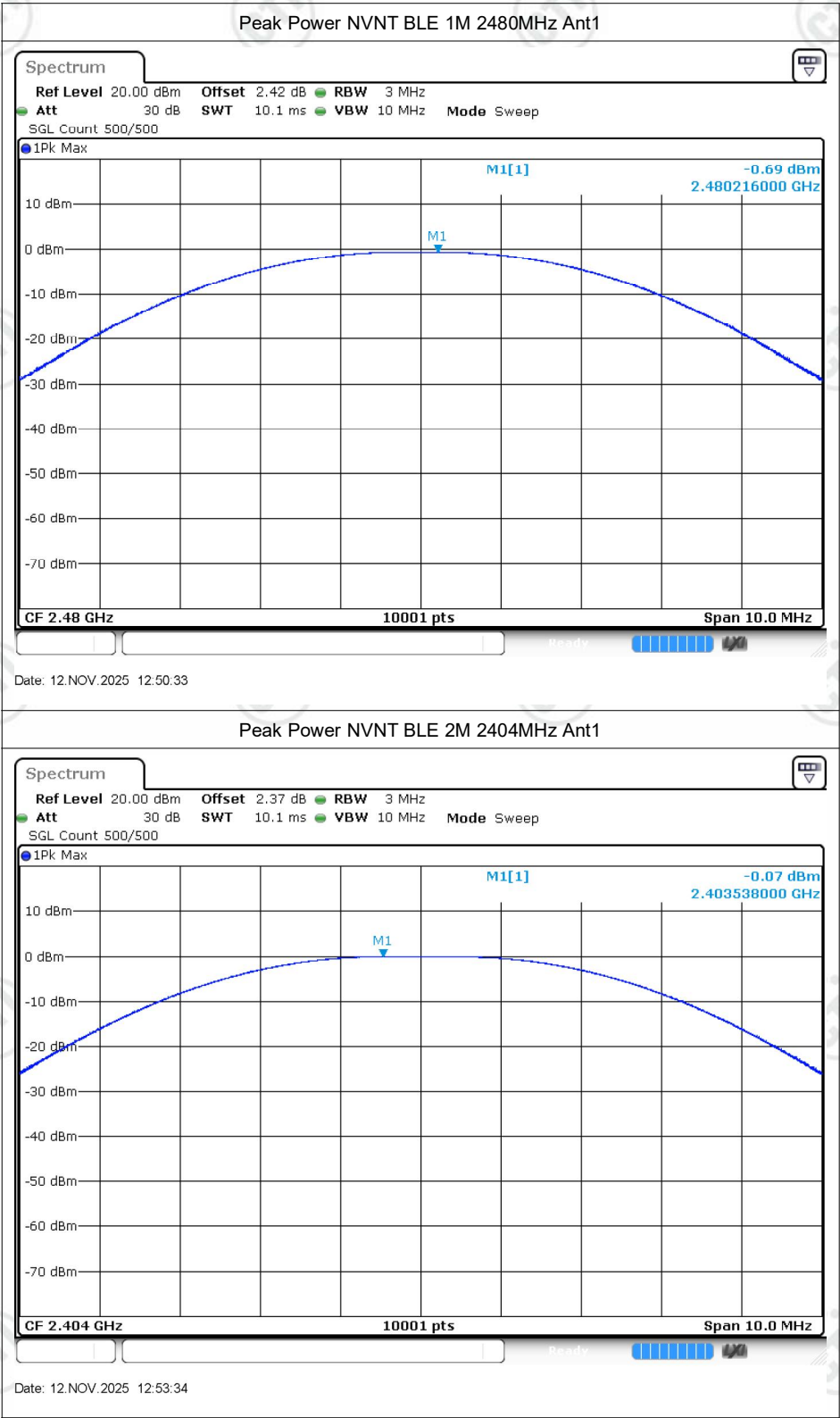


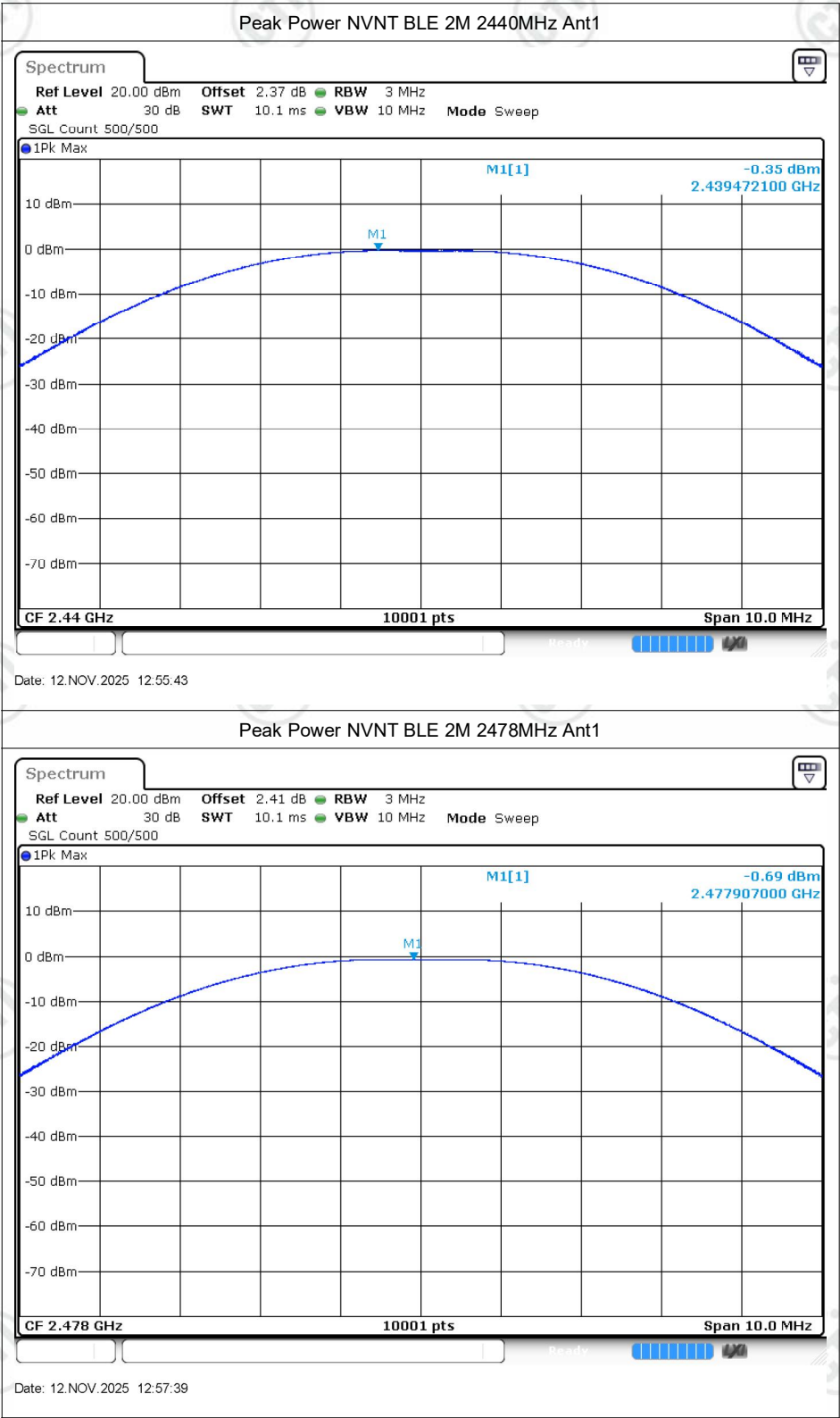
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Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.03	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.35	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.69	30	Pass
NVNT	BLE 2M	2404	Ant1	-0.07	30	Pass
NVNT	BLE 2M	2440	Ant1	-0.35	30	Pass
NVNT	BLE 2M	2478	Ant1	-0.69	30	Pass

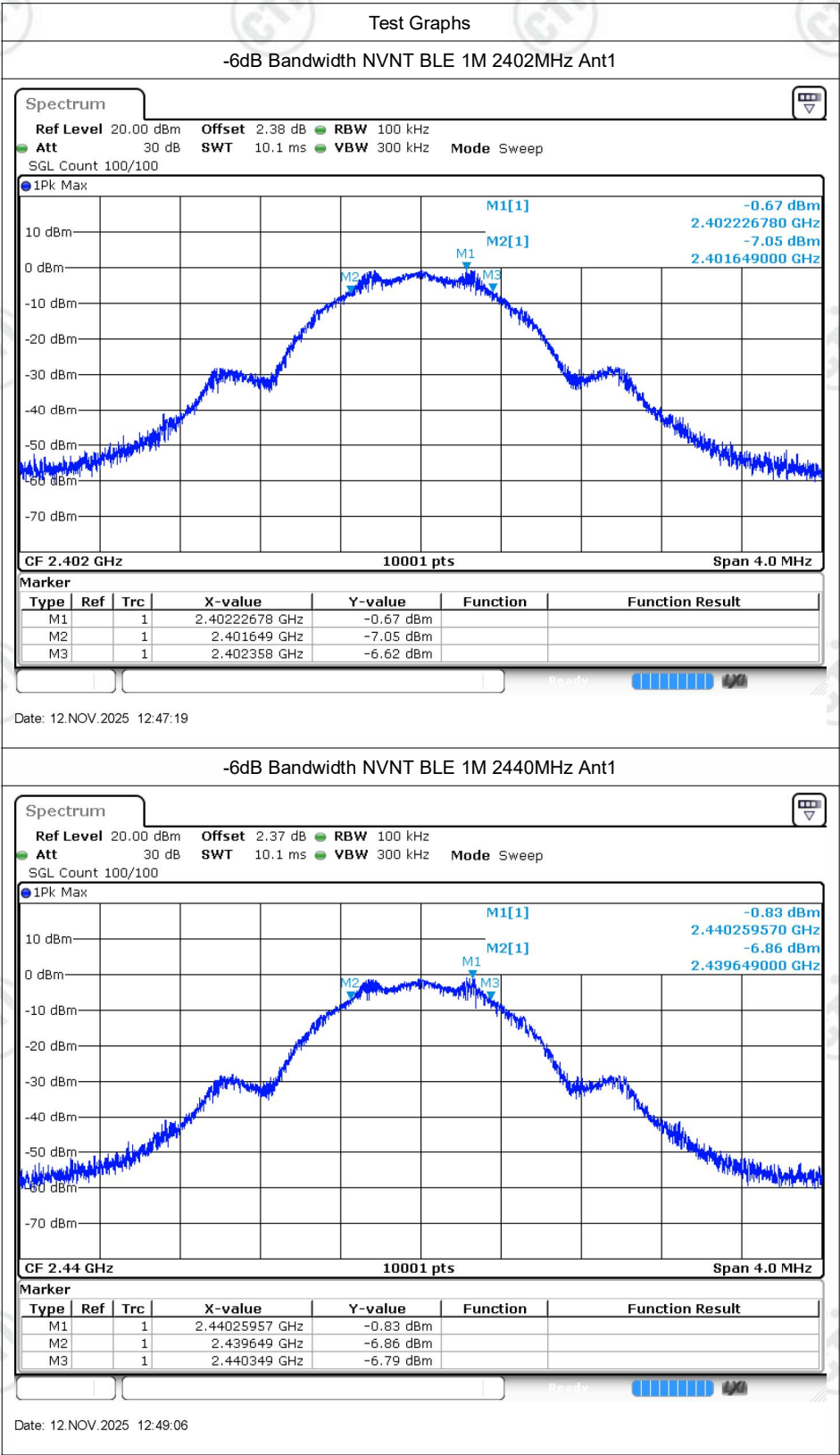


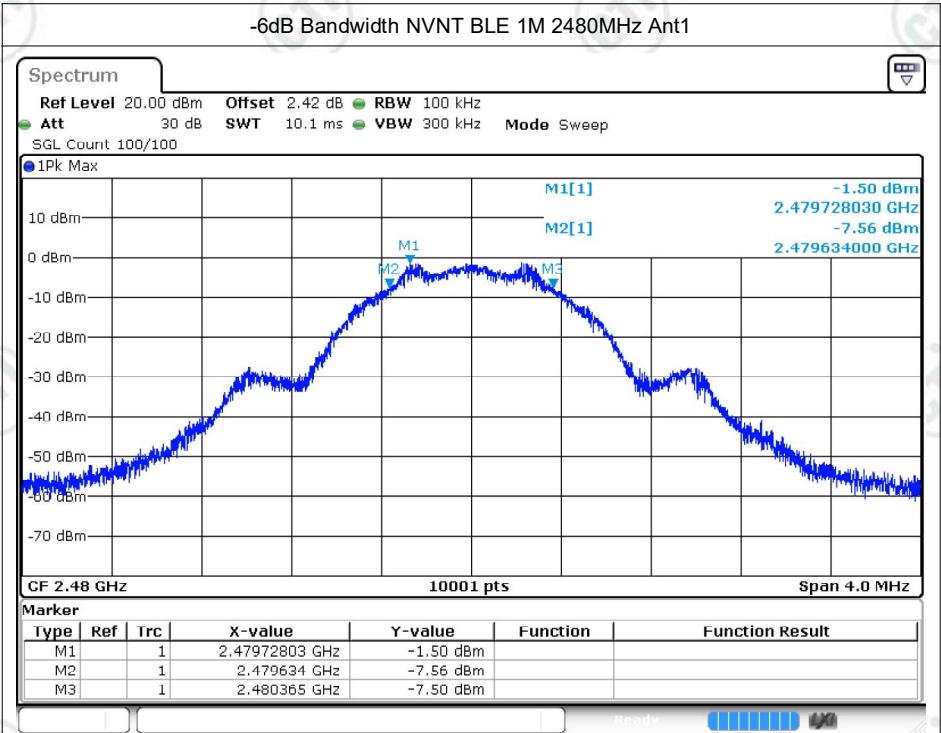




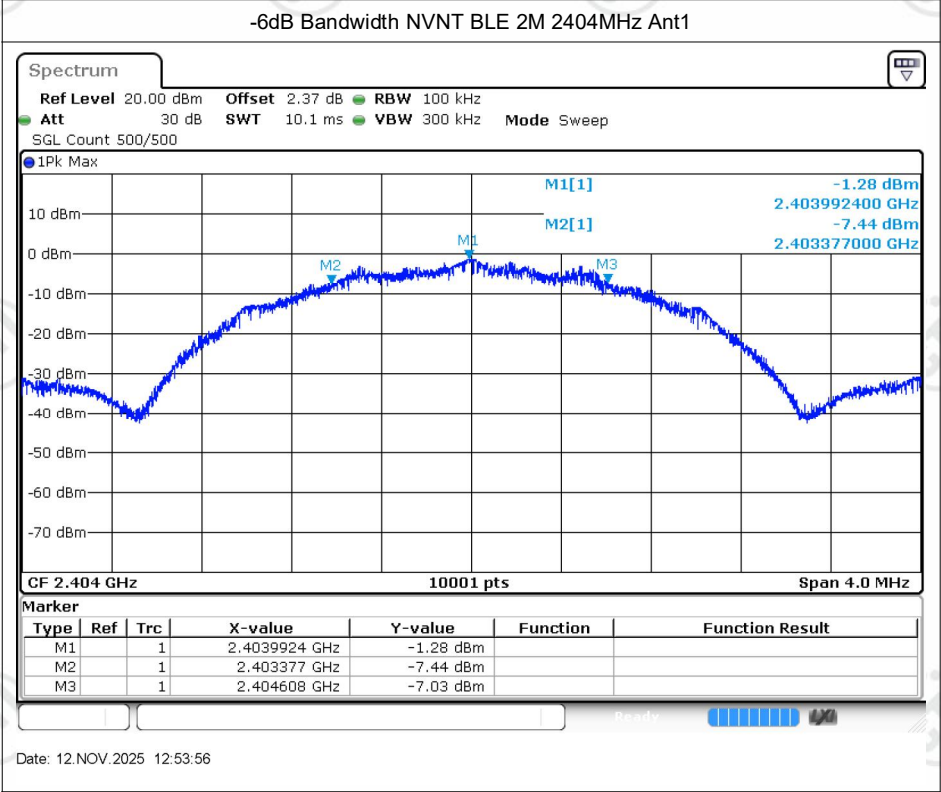
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.709	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.700	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.731	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.231	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.327	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.225	0.5	Pass

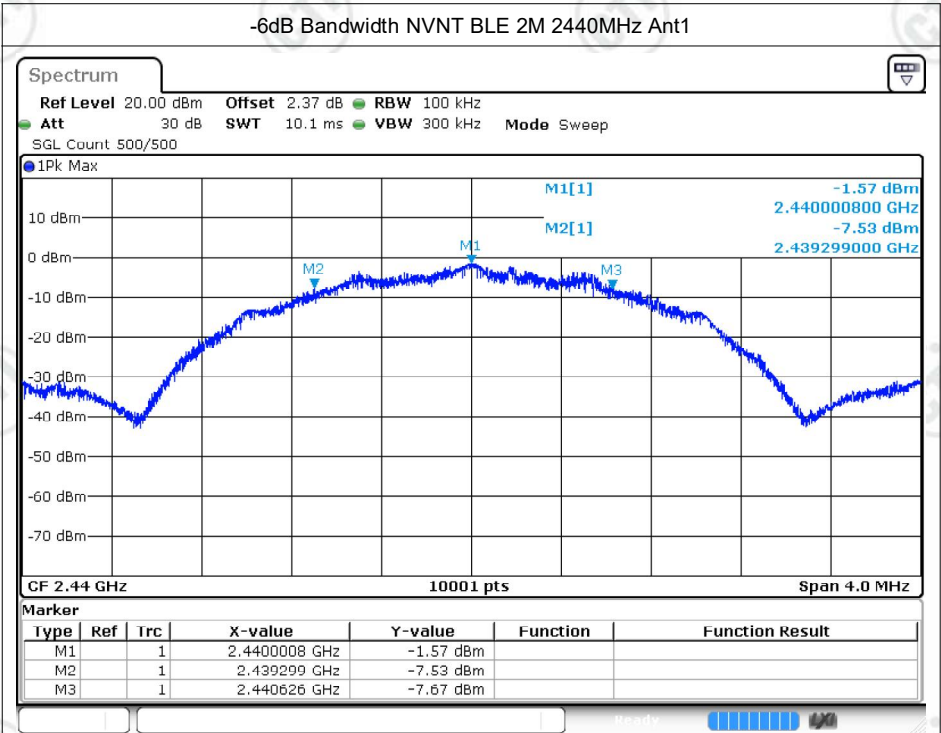




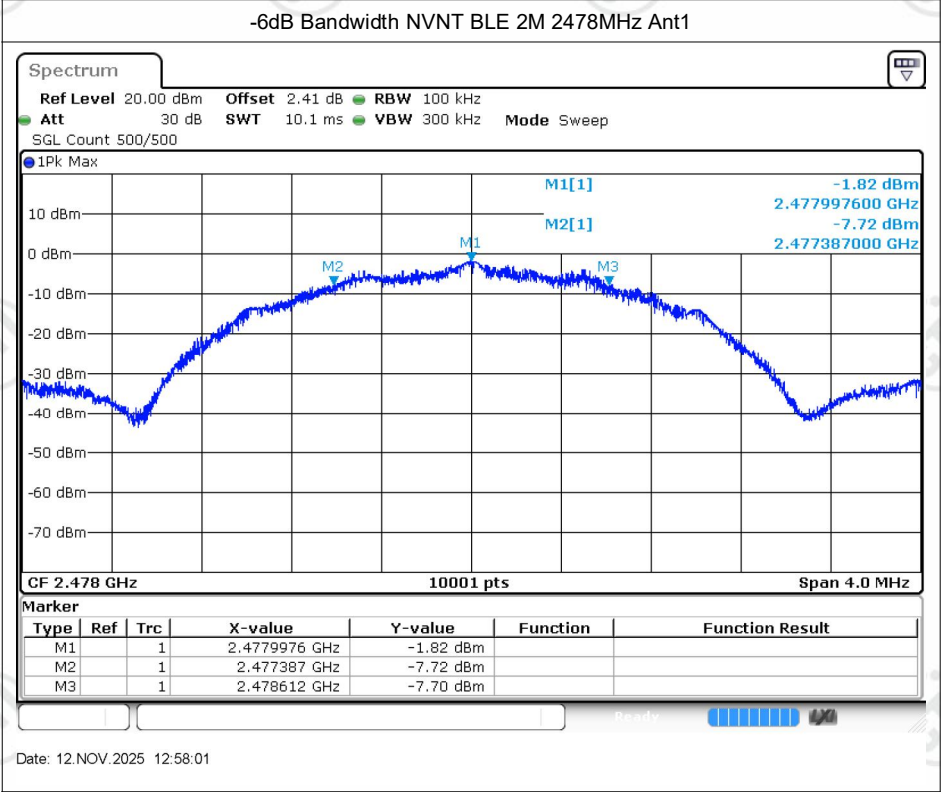
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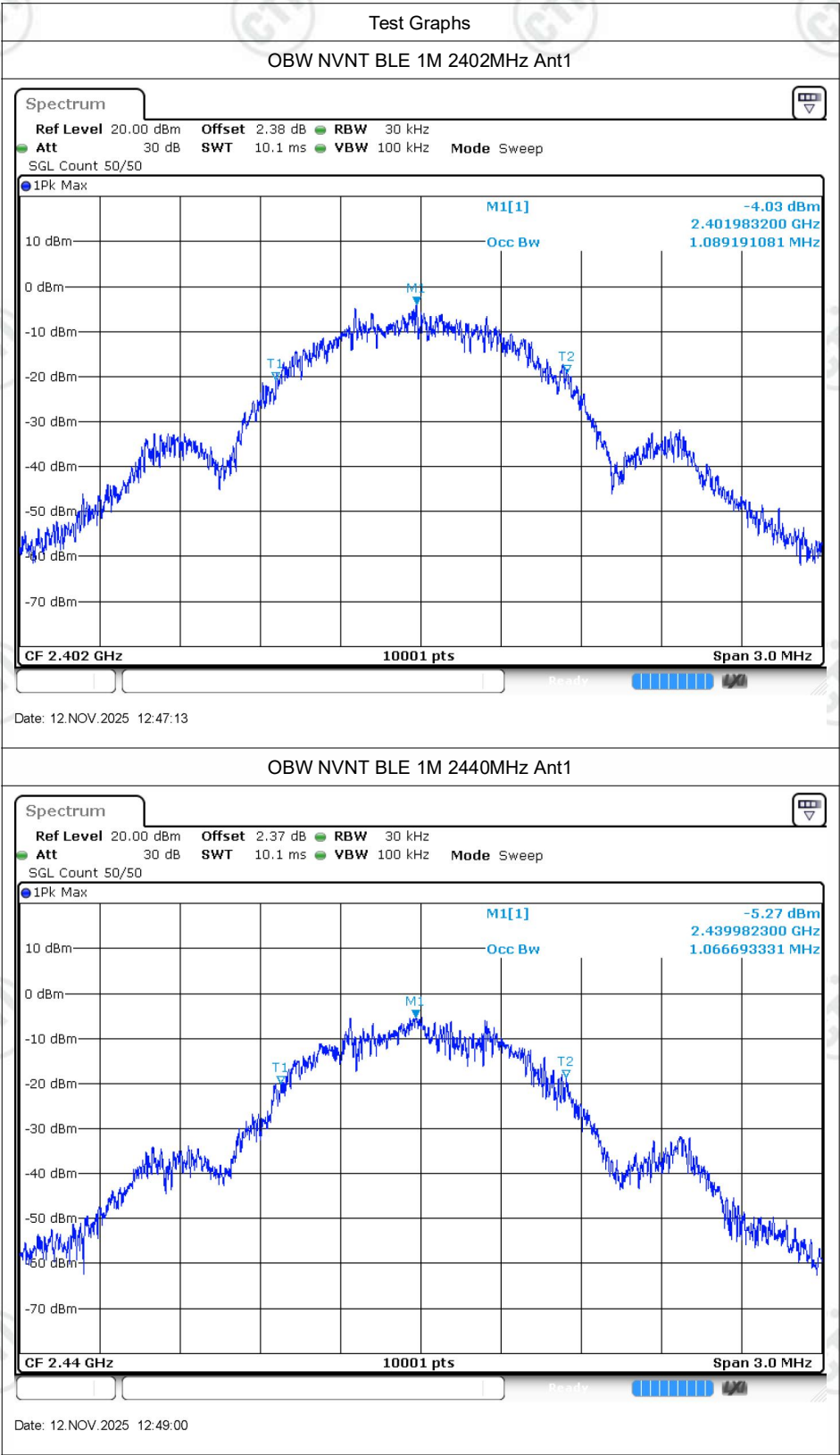
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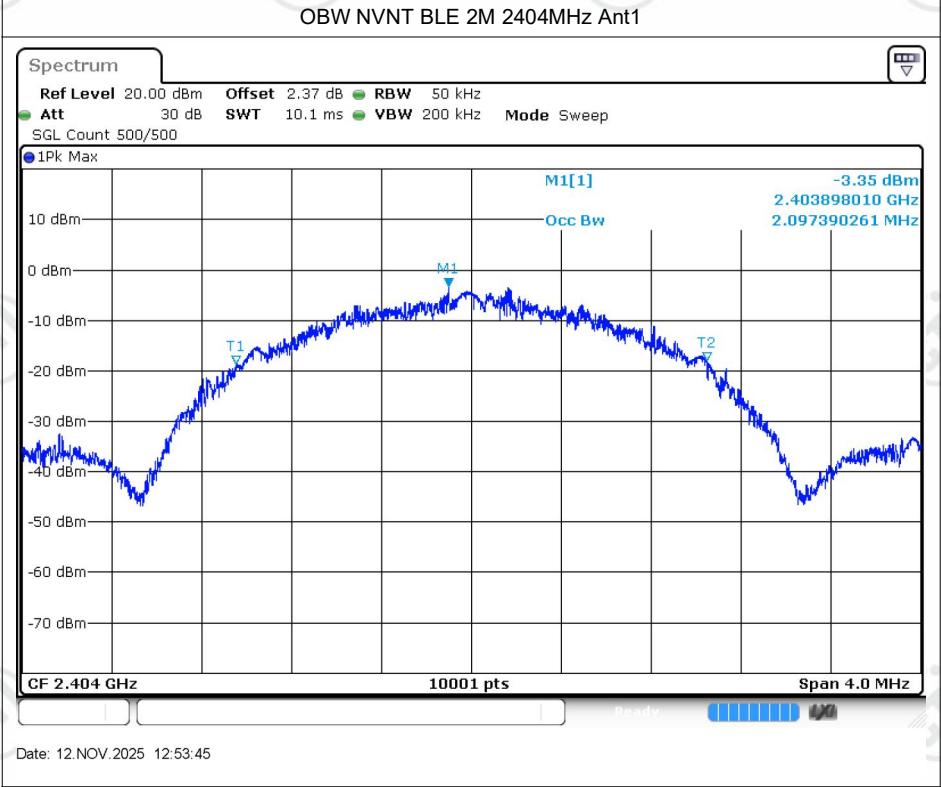
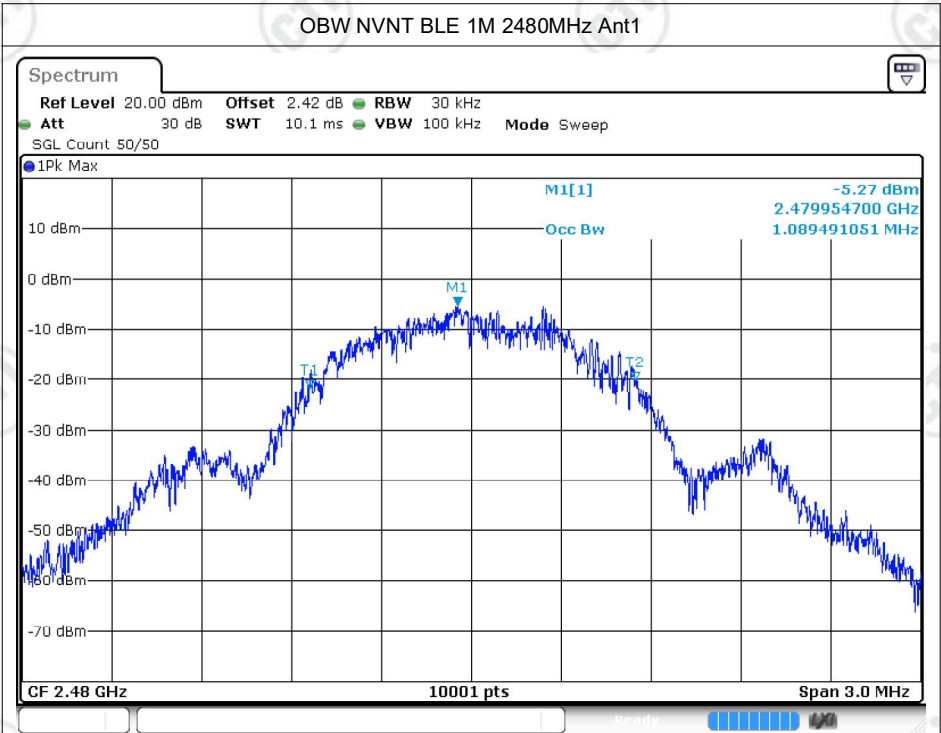


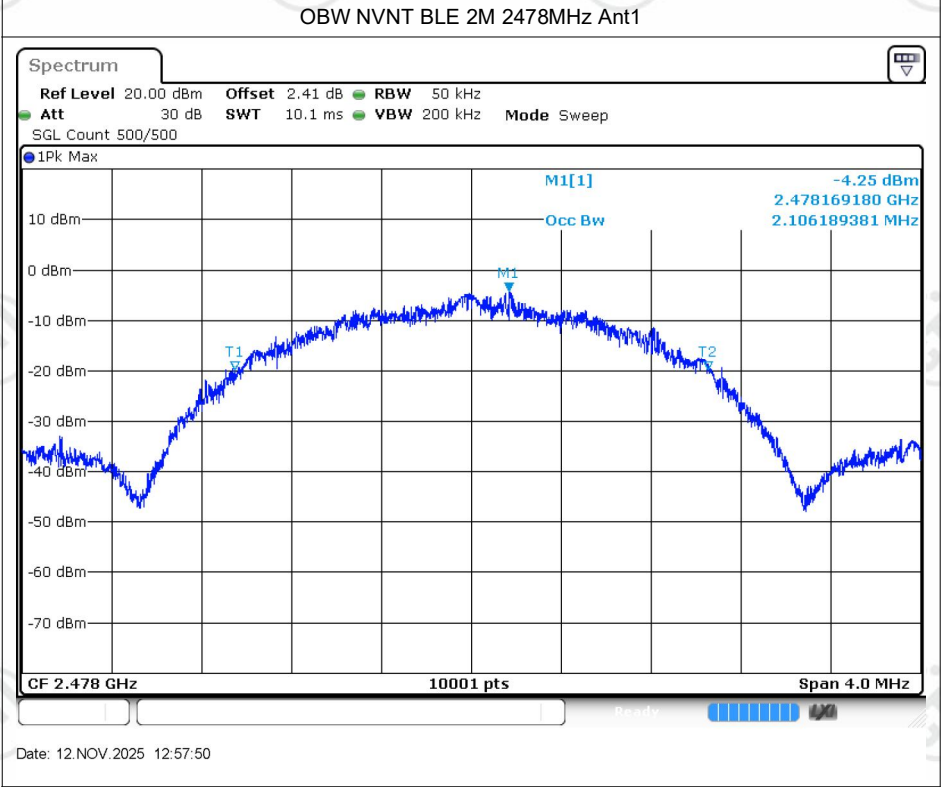
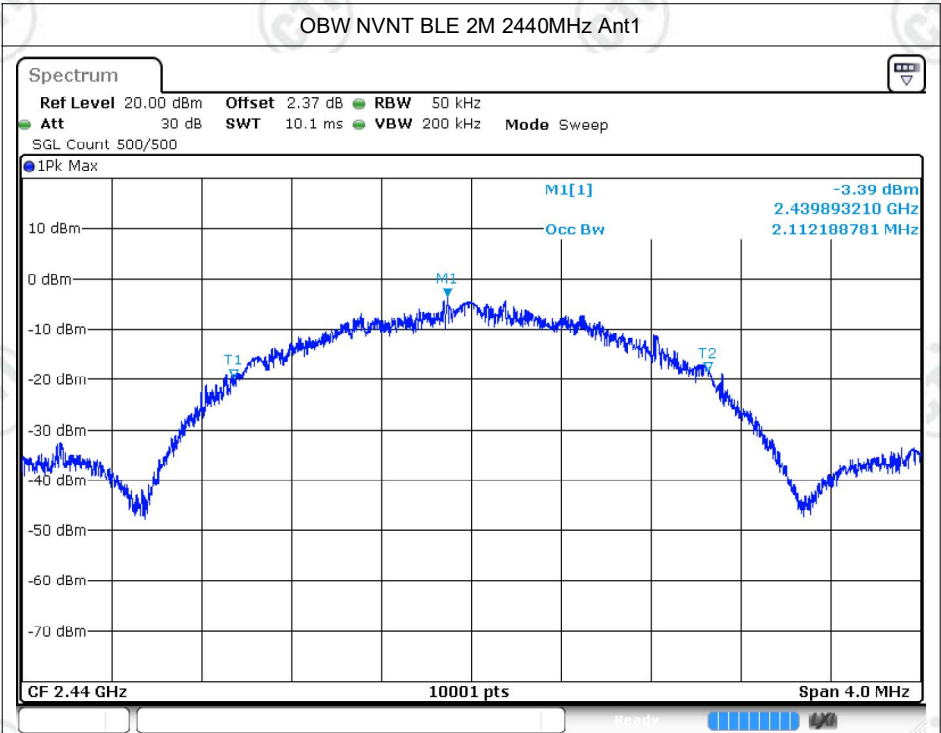
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.089
NVNT	BLE 1M	2440	Ant1	1.067
NVNT	BLE 1M	2480	Ant1	1.089
NVNT	BLE 2M	2404	Ant1	2.097
NVNT	BLE 2M	2440	Ant1	2.112
NVNT	BLE 2M	2478	Ant1	2.106

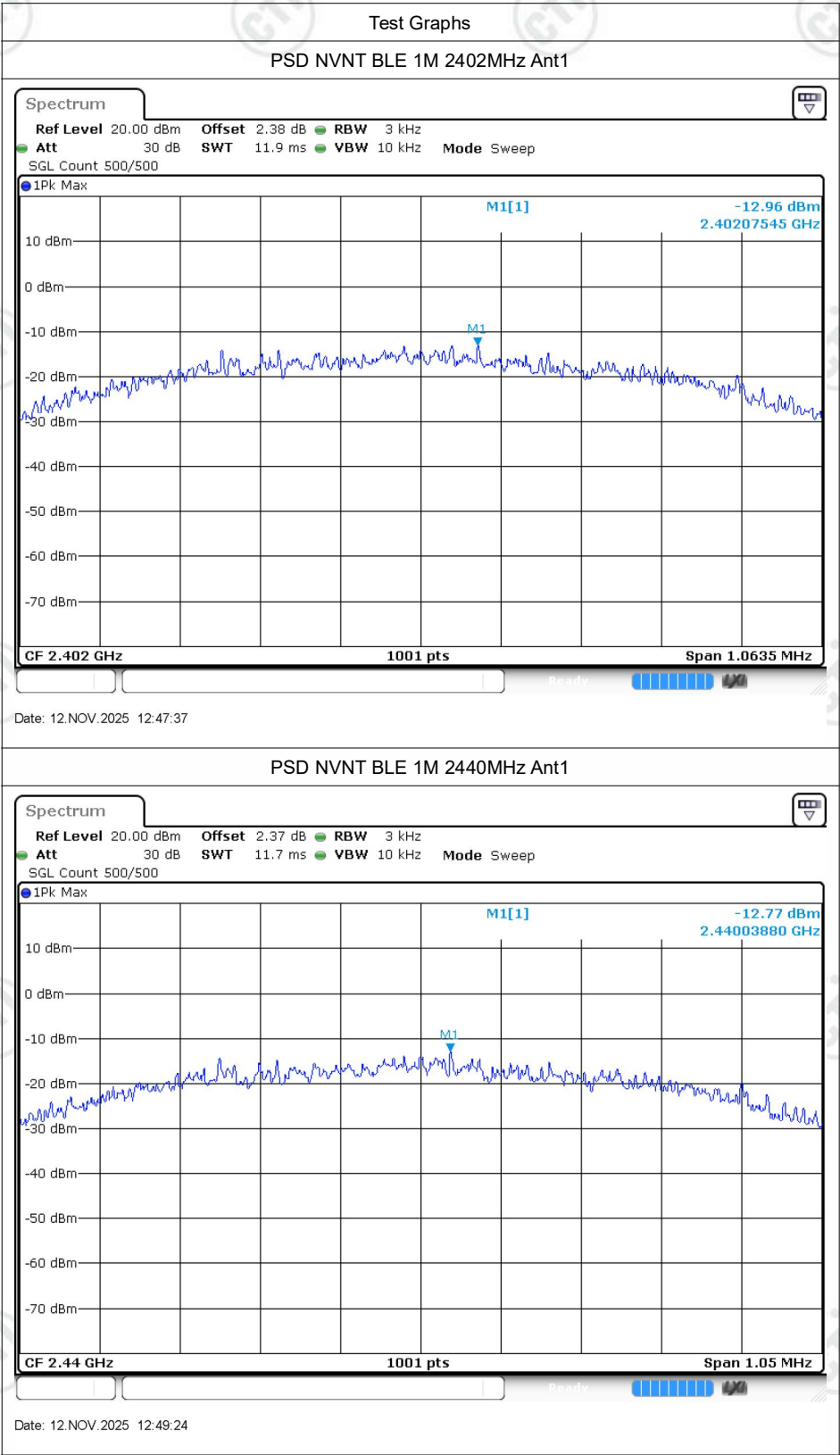


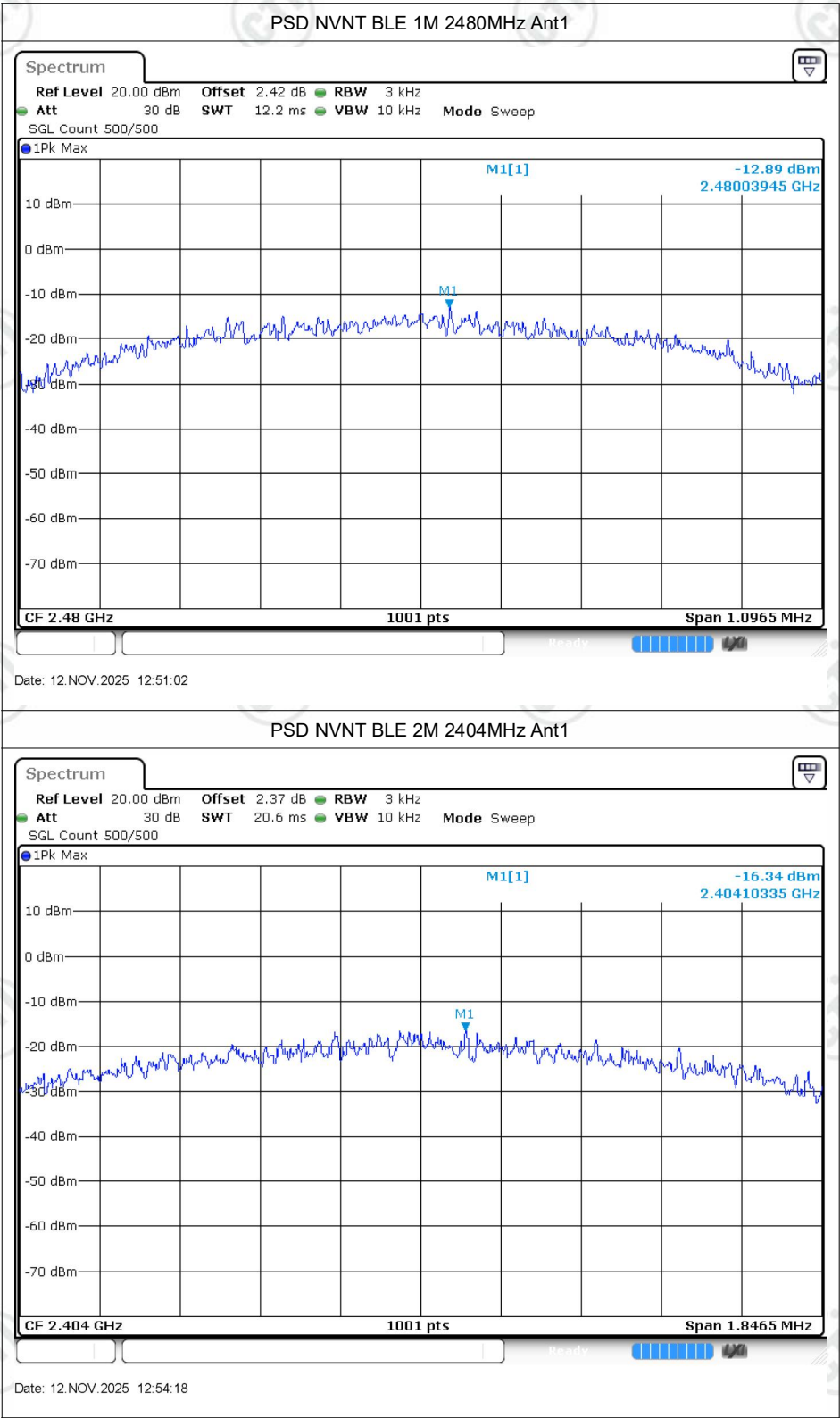


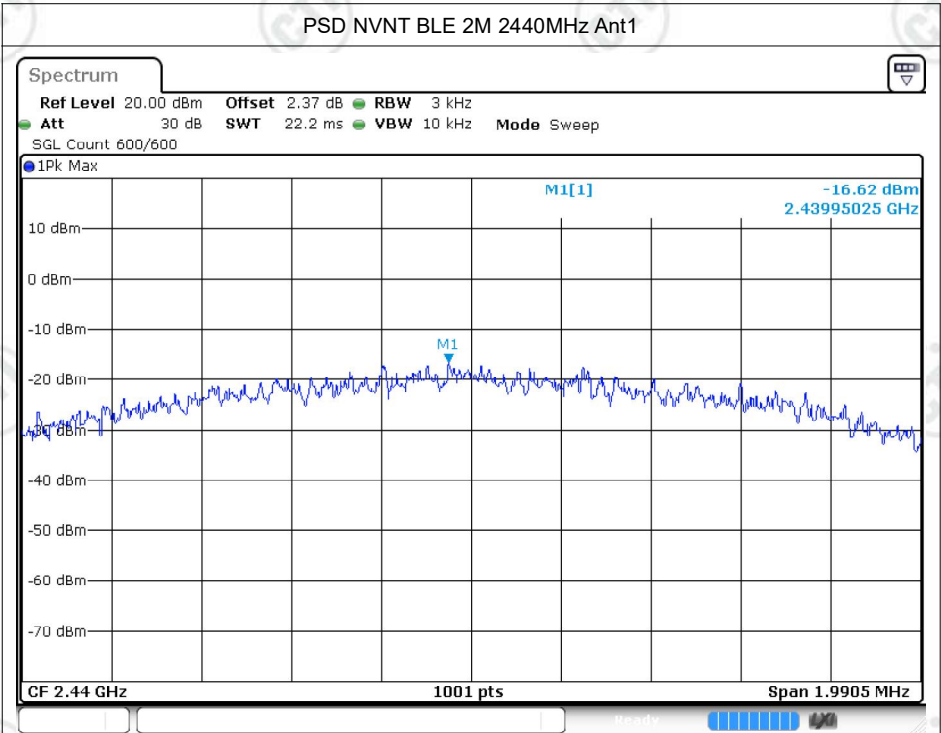


Maximum Power Spectral Density Level

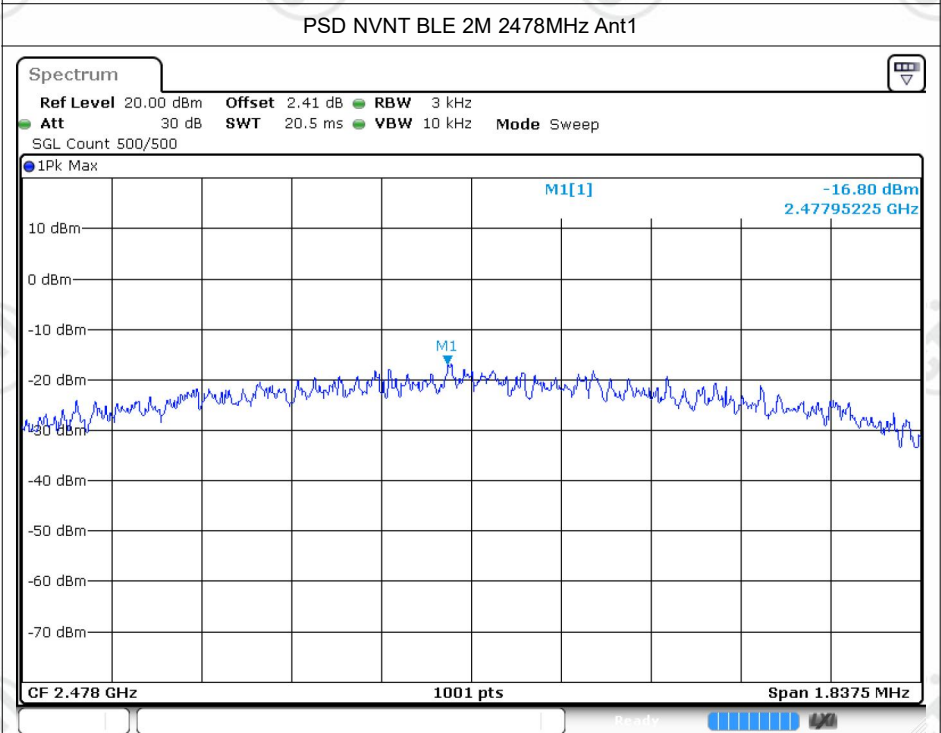
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.96	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.77	8	Pass
NVNT	BLE 1M	2480	Ant1	-12.89	8	Pass
NVNT	BLE 2M	2404	Ant1	-16.34	8	Pass
NVNT	BLE 2M	2440	Ant1	-16.62	8	Pass
NVNT	BLE 2M	2478	Ant1	-16.8	8	Pass







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Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.7	-20	Pass
NVNT	BLE 1M	2480	Ant1	-54.83	-20	Pass
NVNT	BLE 2M	2404	Ant1	-53.53	-20	Pass
NVNT	BLE 2M	2478	Ant1	-53.41	-20	Pass

