

Appendix: Bluetooth LE

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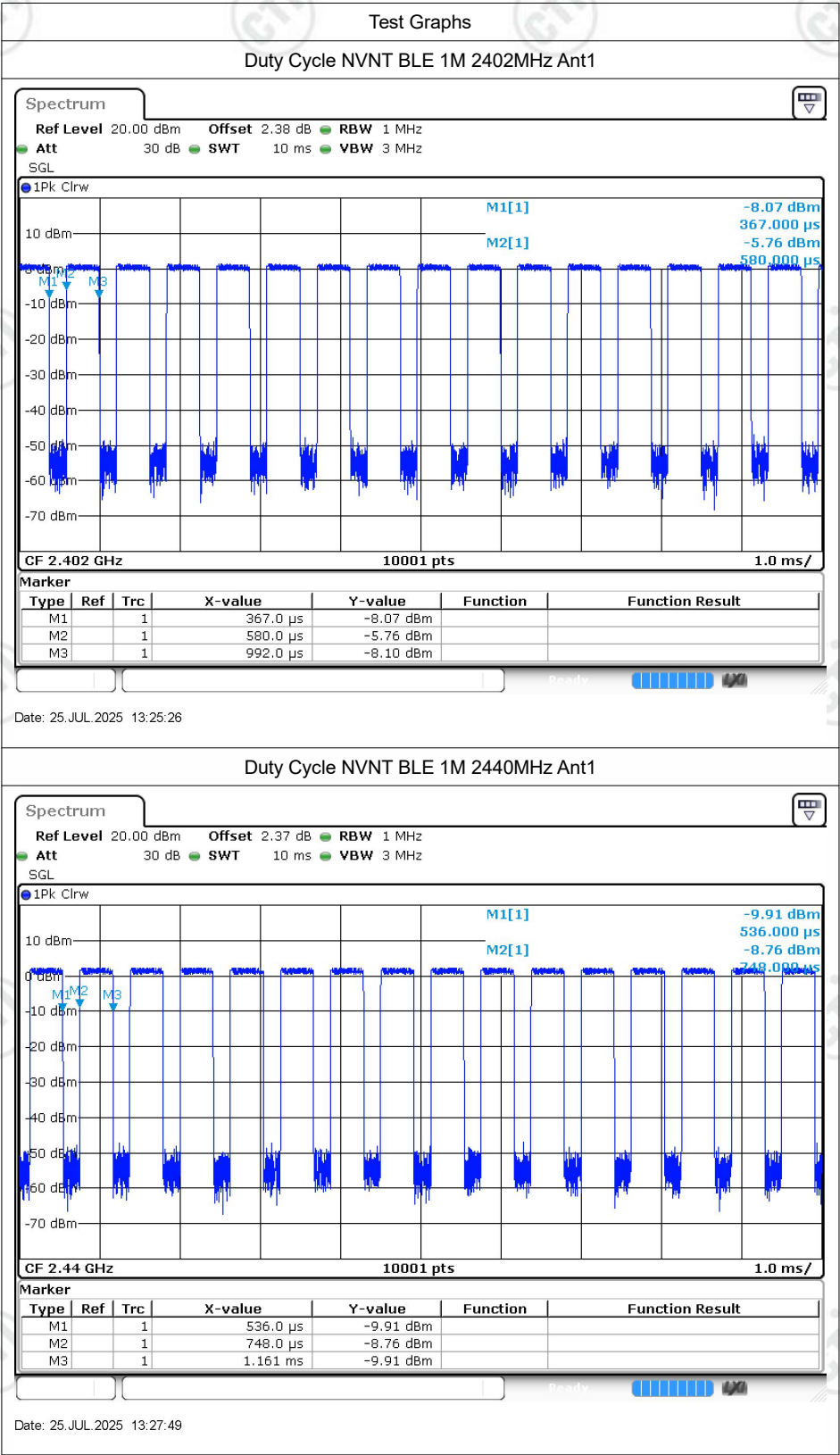
Maximum Power Spectral Density Level 19

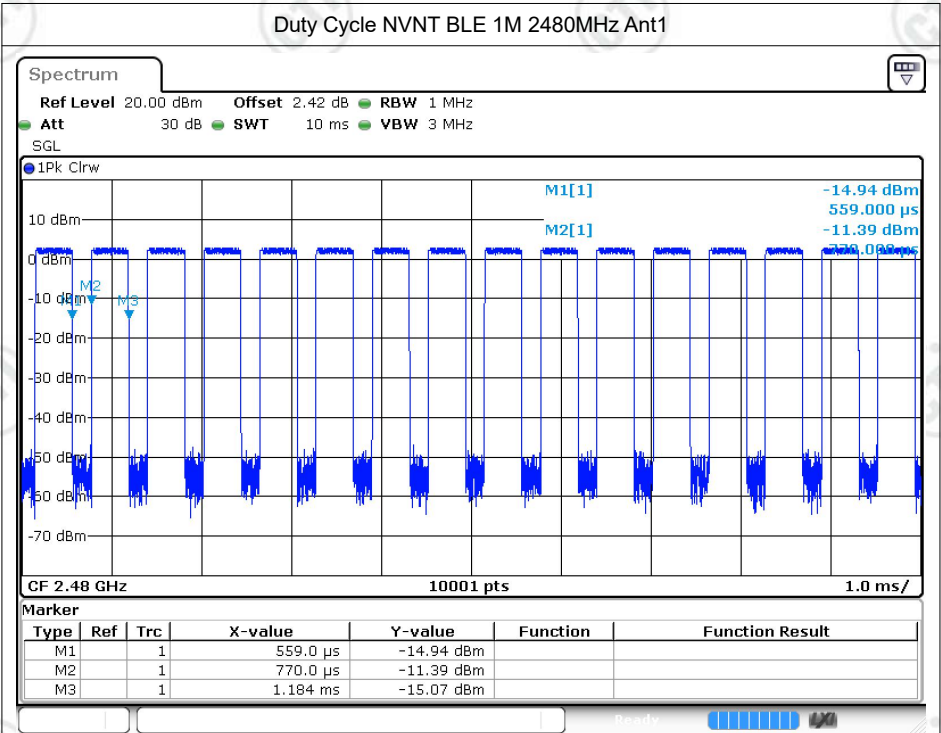
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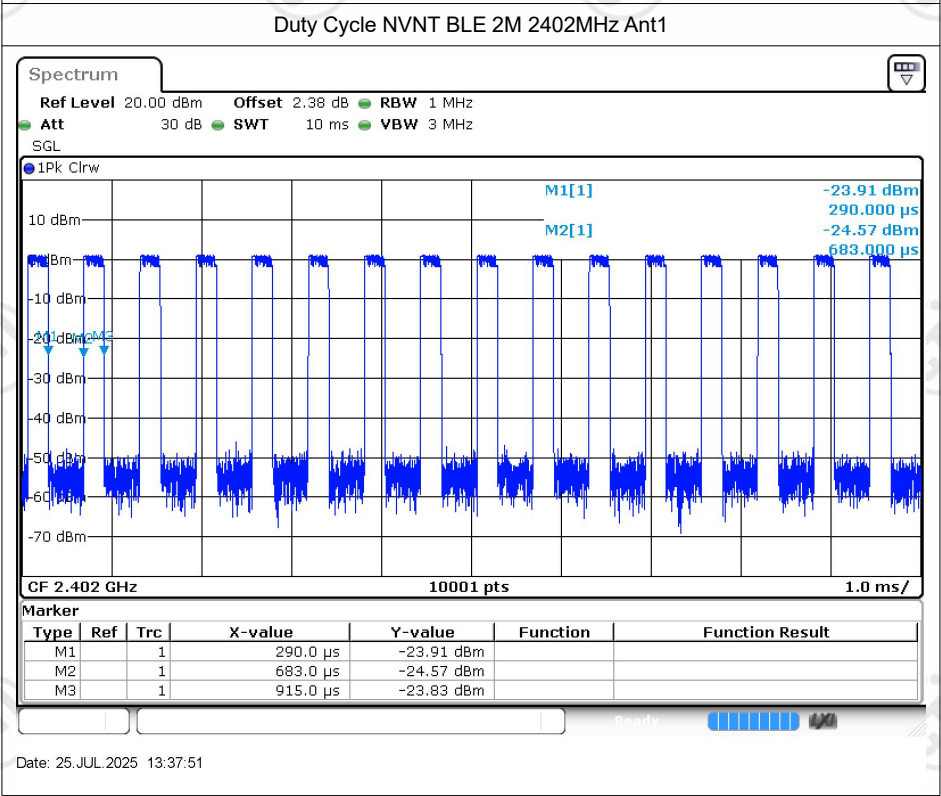
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	65.92	1.81	2.43
NVNT	BLE 1M	2440	Ant1	66.08	1.8	2.42
NVNT	BLE 1M	2480	Ant1	66.24	1.79	2.42
NVNT	BLE 2M	2402	Ant1	37.12	4.3	4.31
NVNT	BLE 2M	2440	Ant1	37.12	4.3	4.31
NVNT	BLE 2M	2480	Ant1	37.12	4.3	4.31

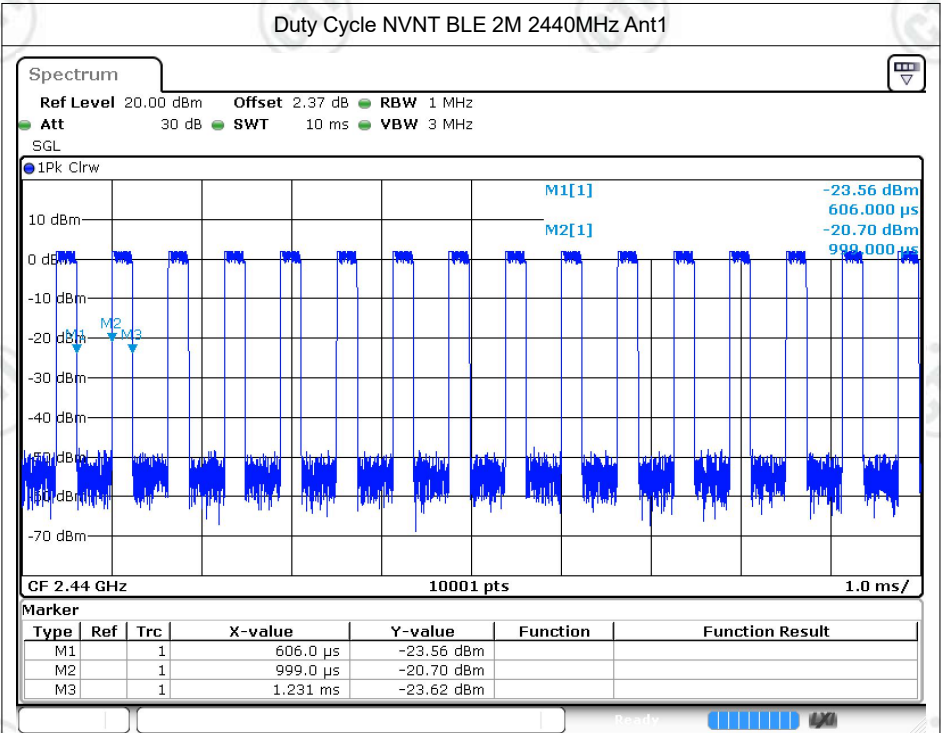




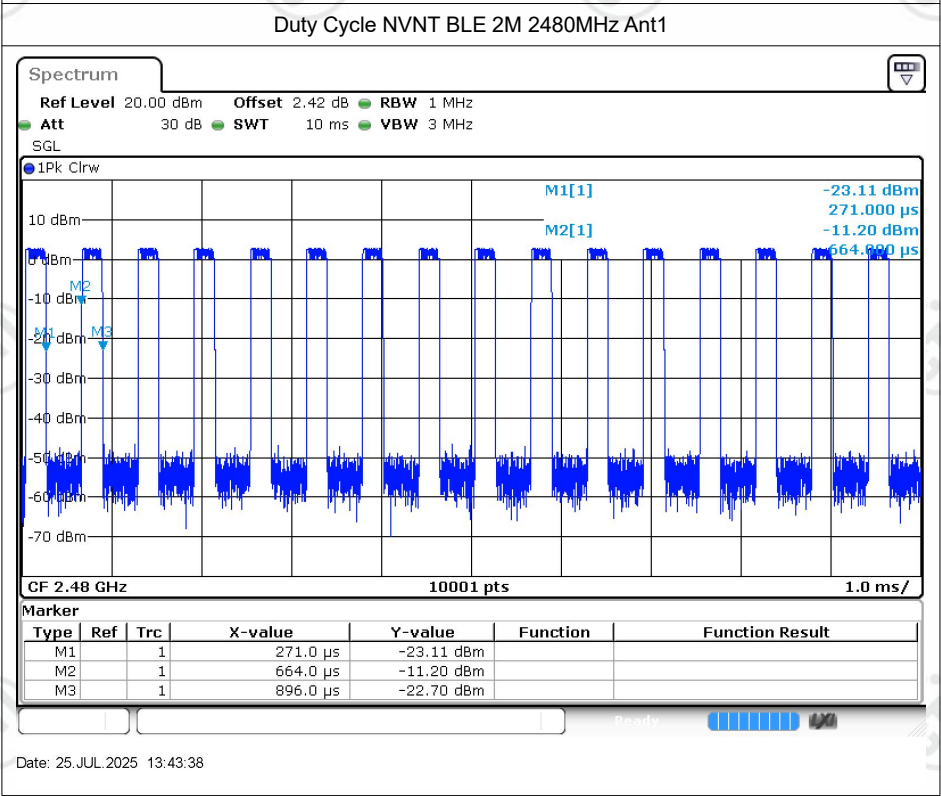
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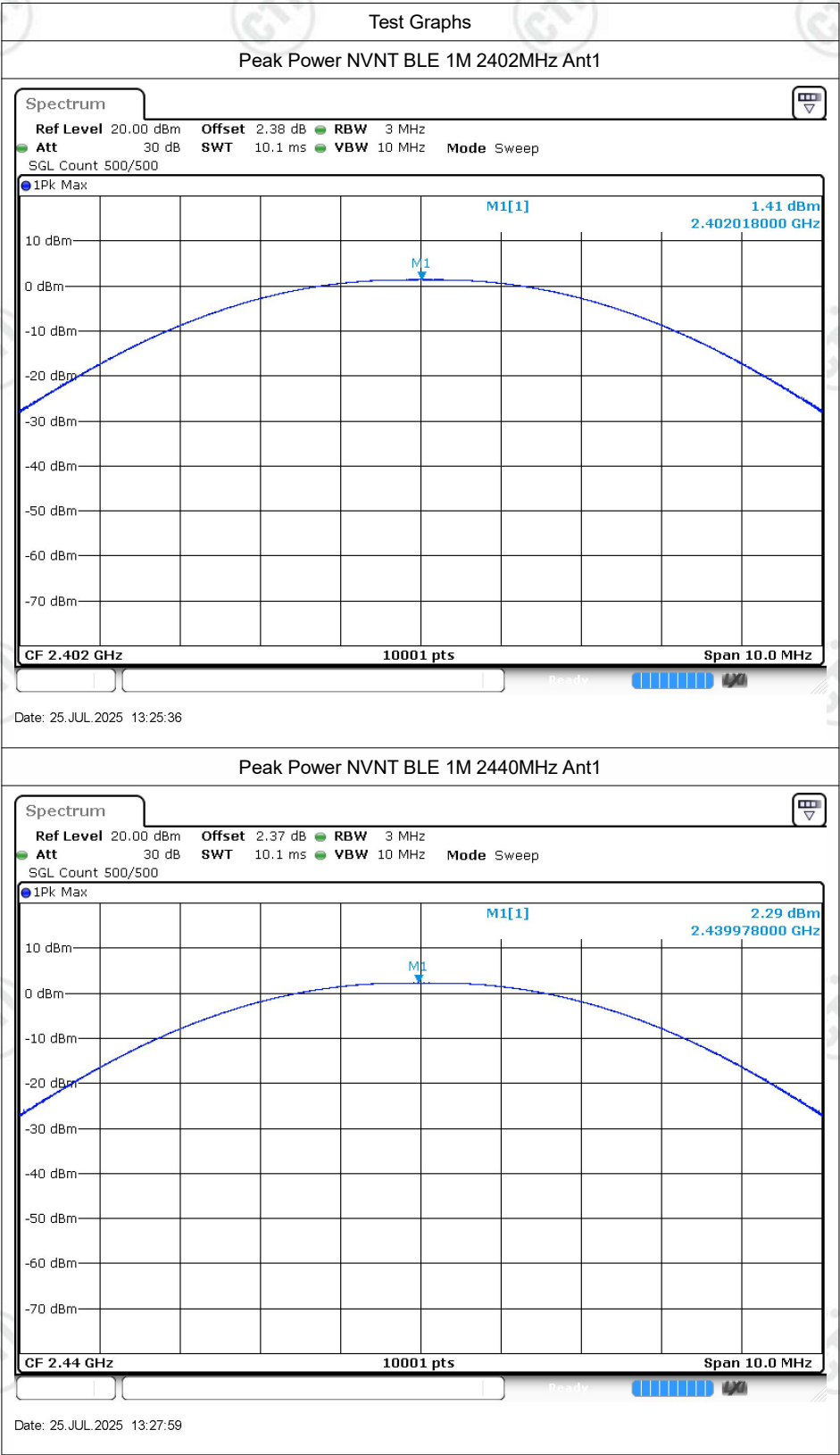
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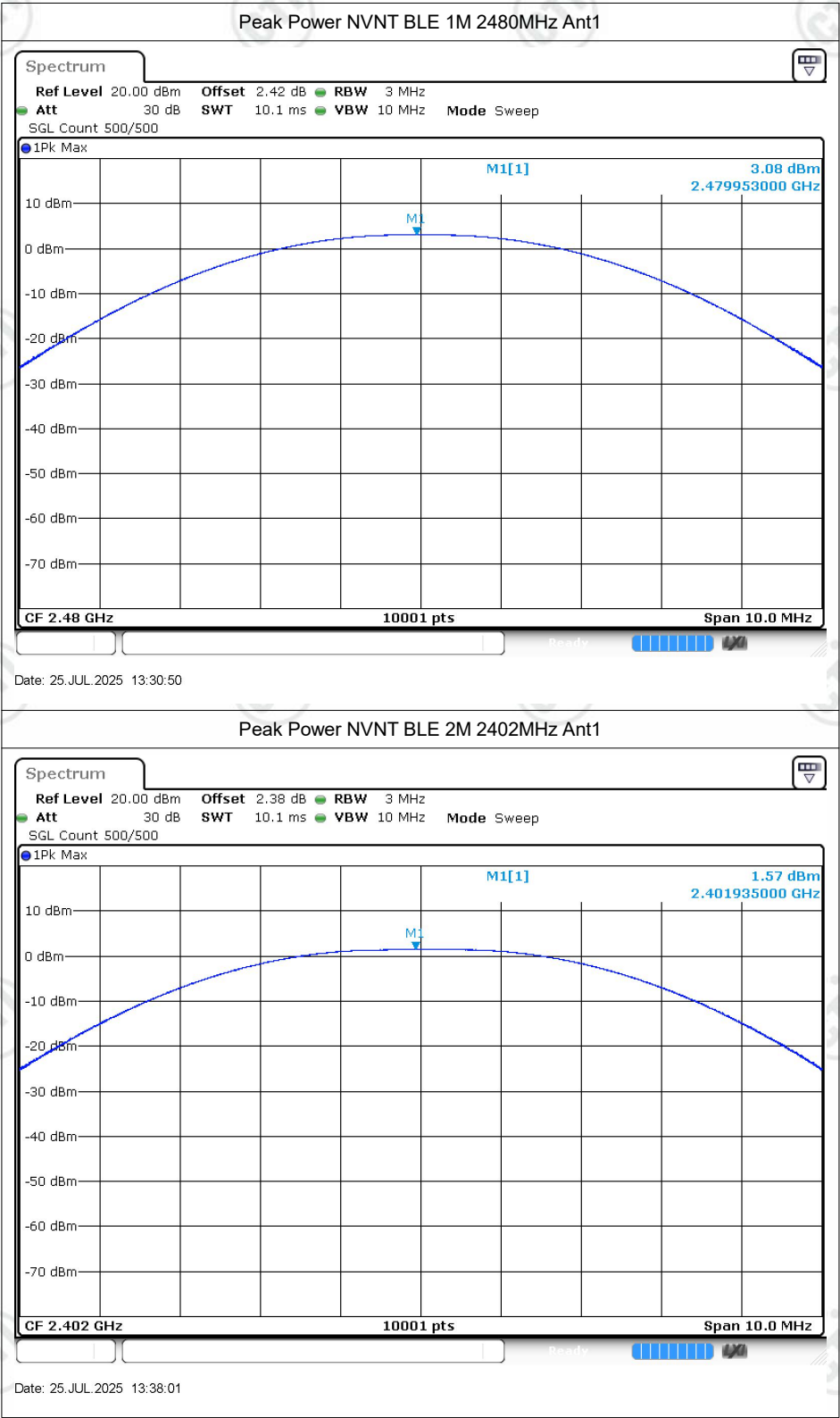


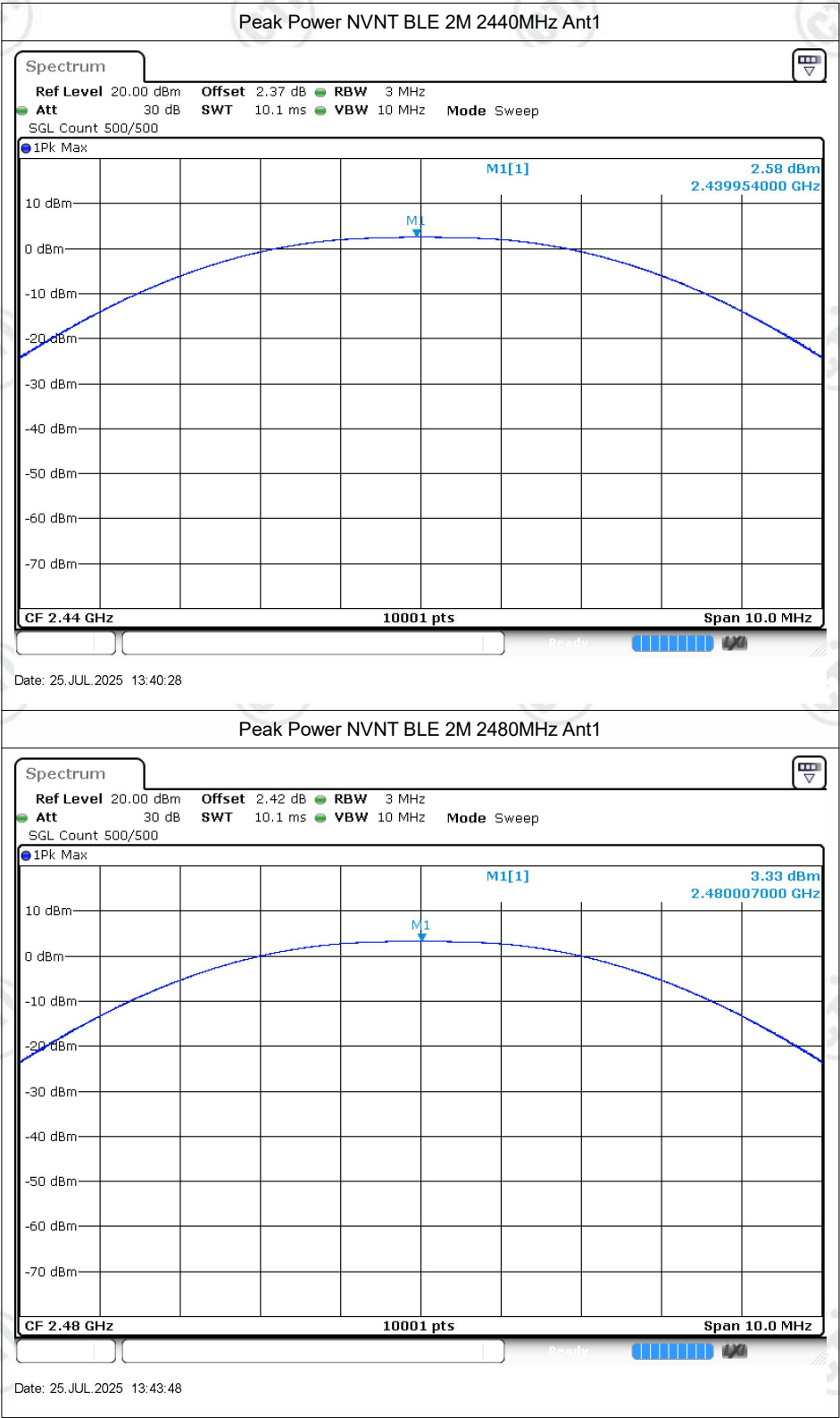
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Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.41	0	1.41	30	Pass
NVNT	BLE 1M	2440	Ant1	2.29	0	2.29	30	Pass
NVNT	BLE 1M	2480	Ant1	3.08	0	3.08	30	Pass
NVNT	BLE 2M	2402	Ant1	1.57	0	1.57	30	Pass
NVNT	BLE 2M	2440	Ant1	2.58	0	2.58	30	Pass
NVNT	BLE 2M	2480	Ant1	3.33	0	3.33	30	Pass

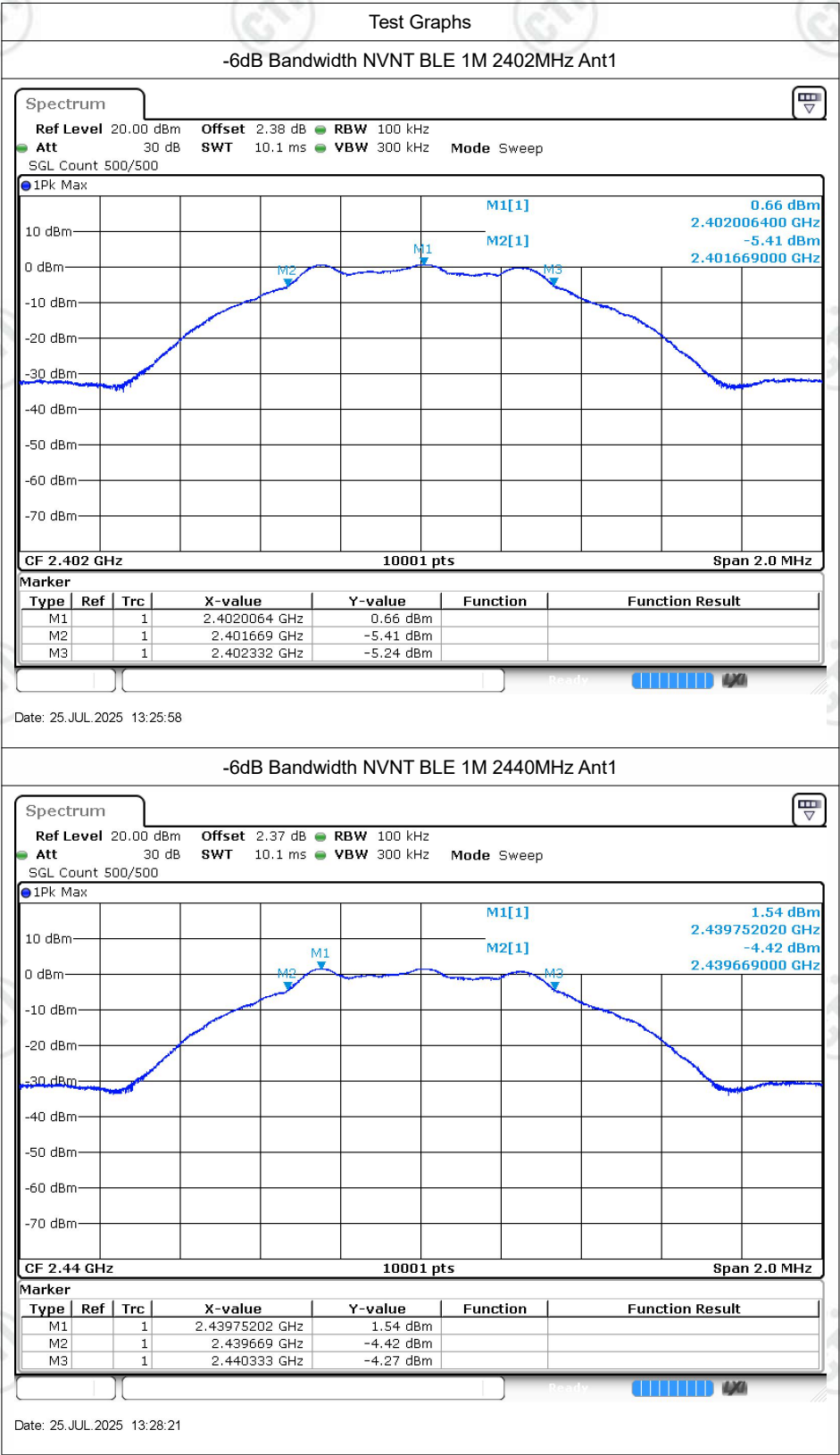


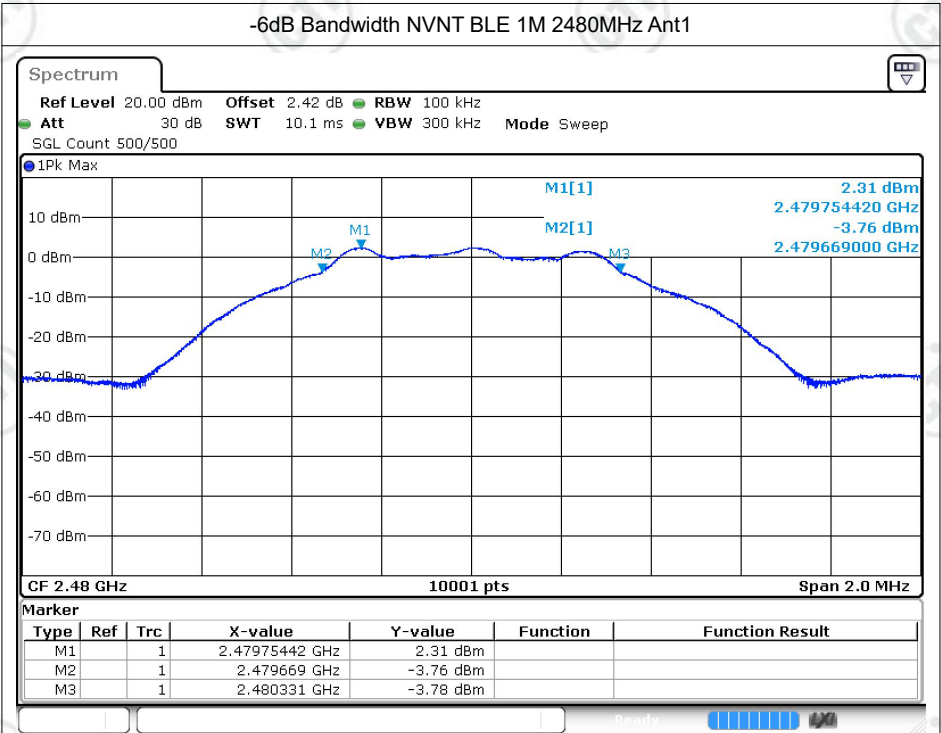




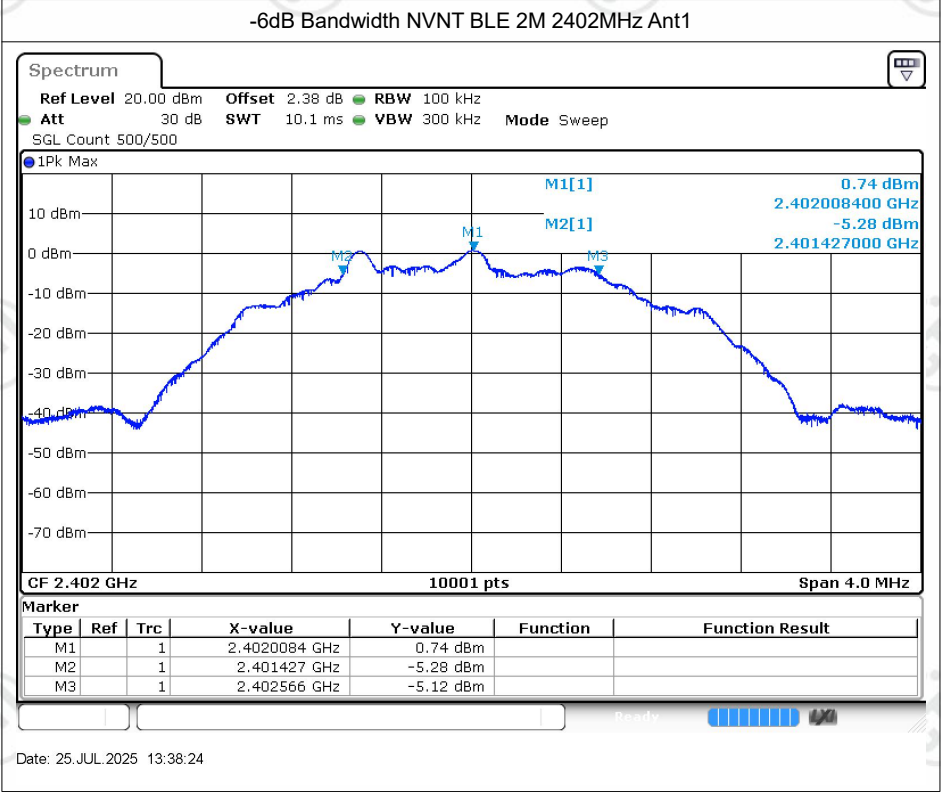
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.664	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.665	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.661	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.139	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.145	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.147	0.5	Pass

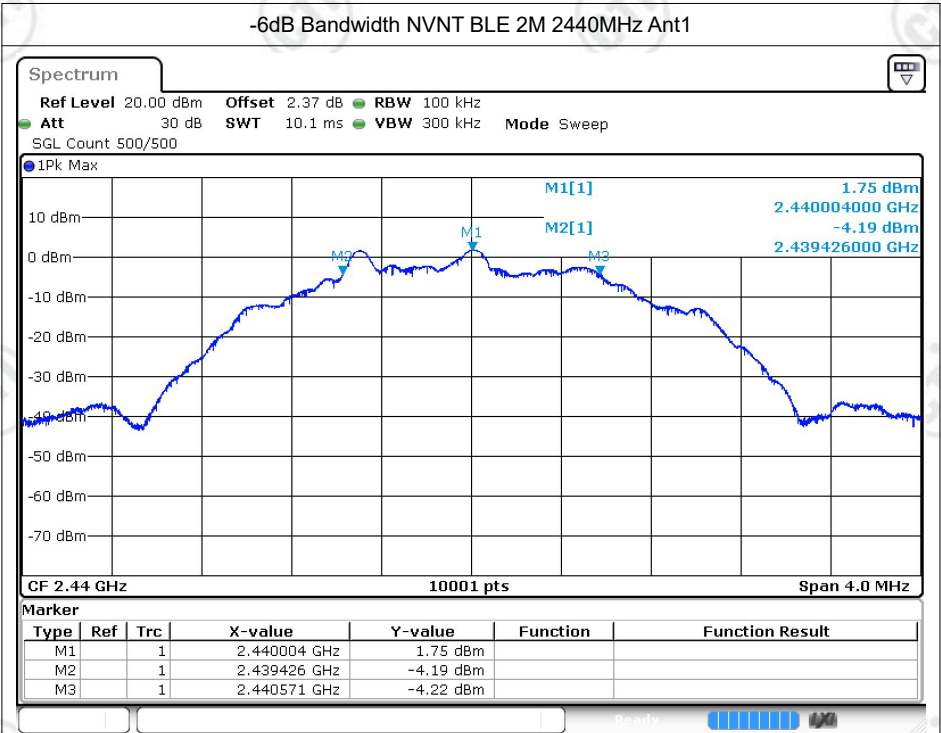




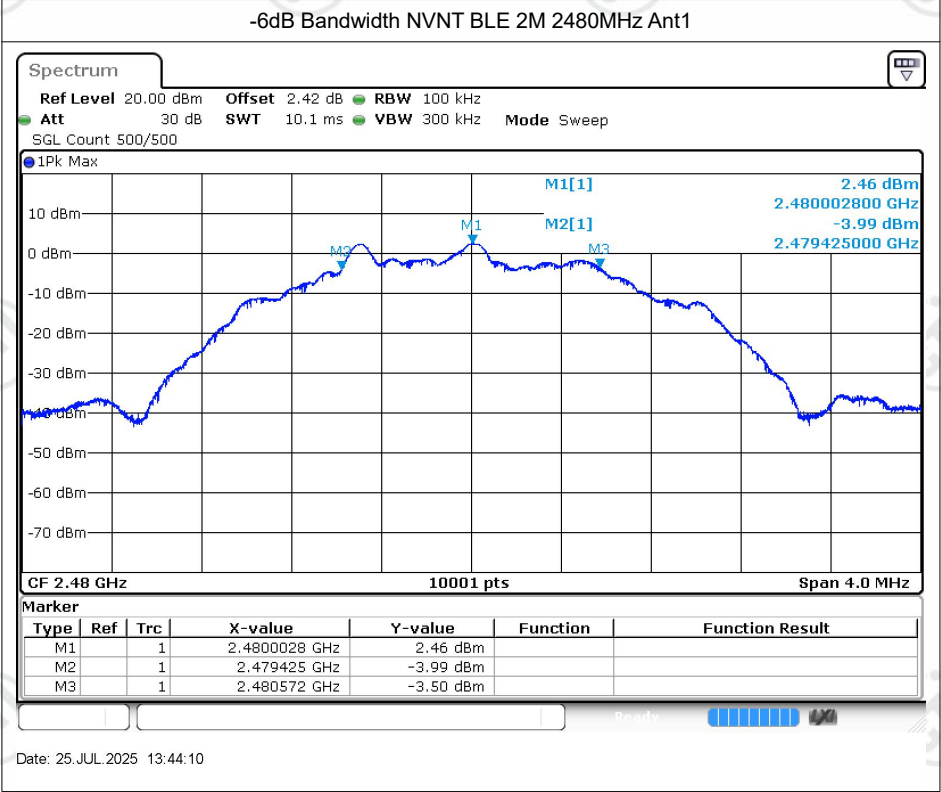
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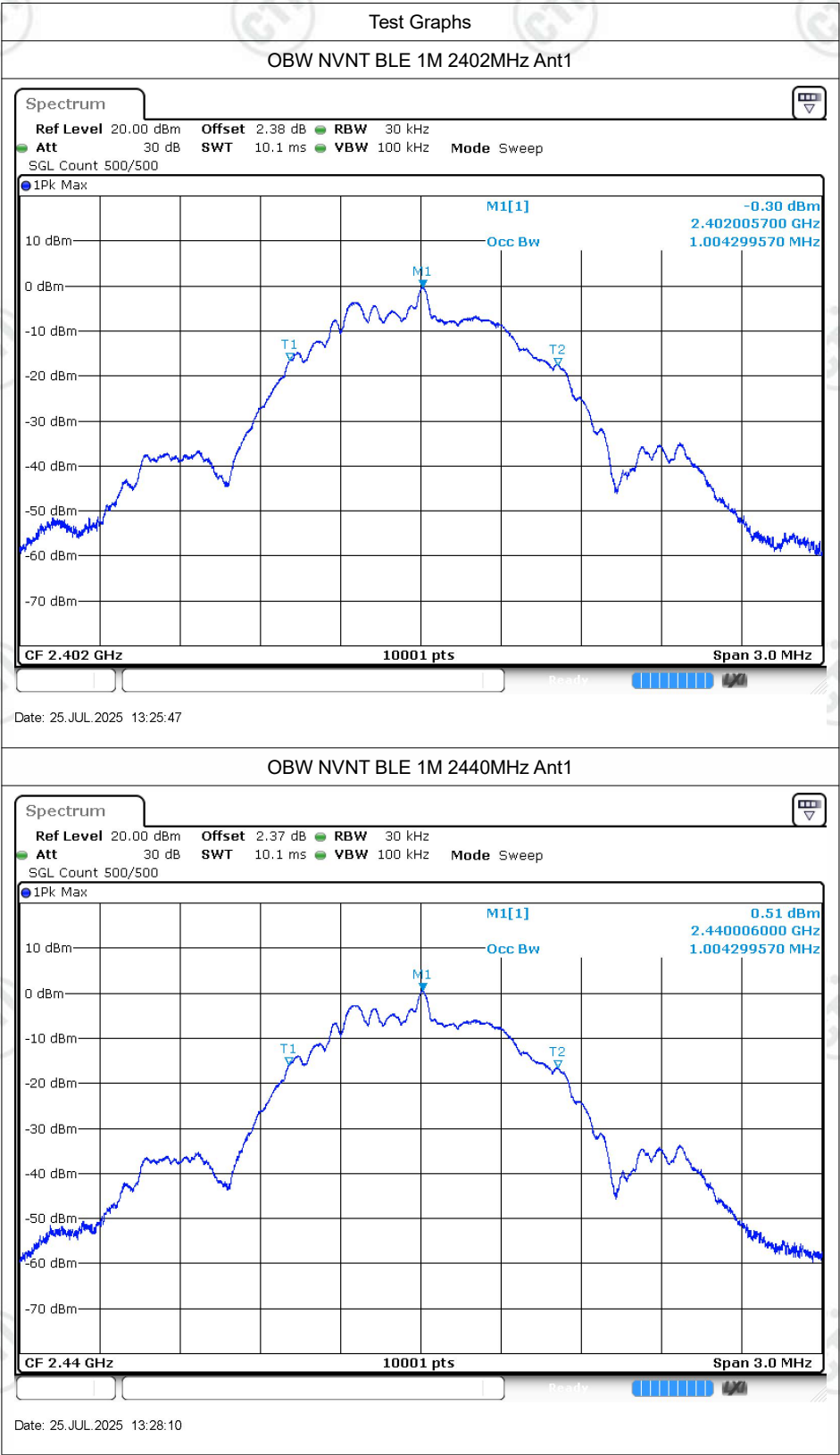
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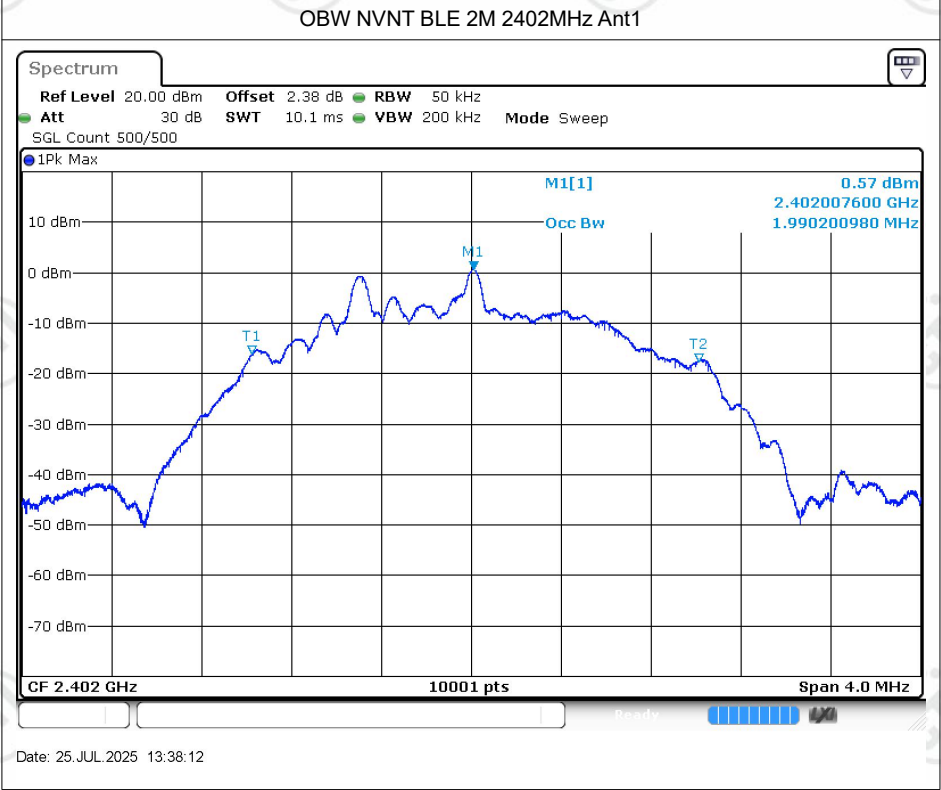
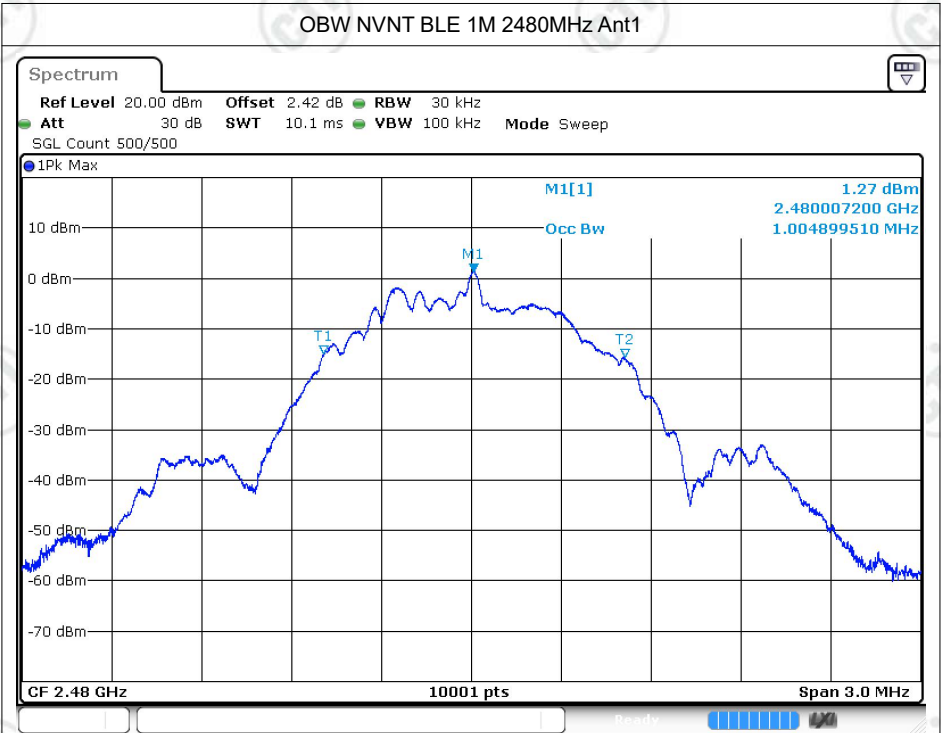


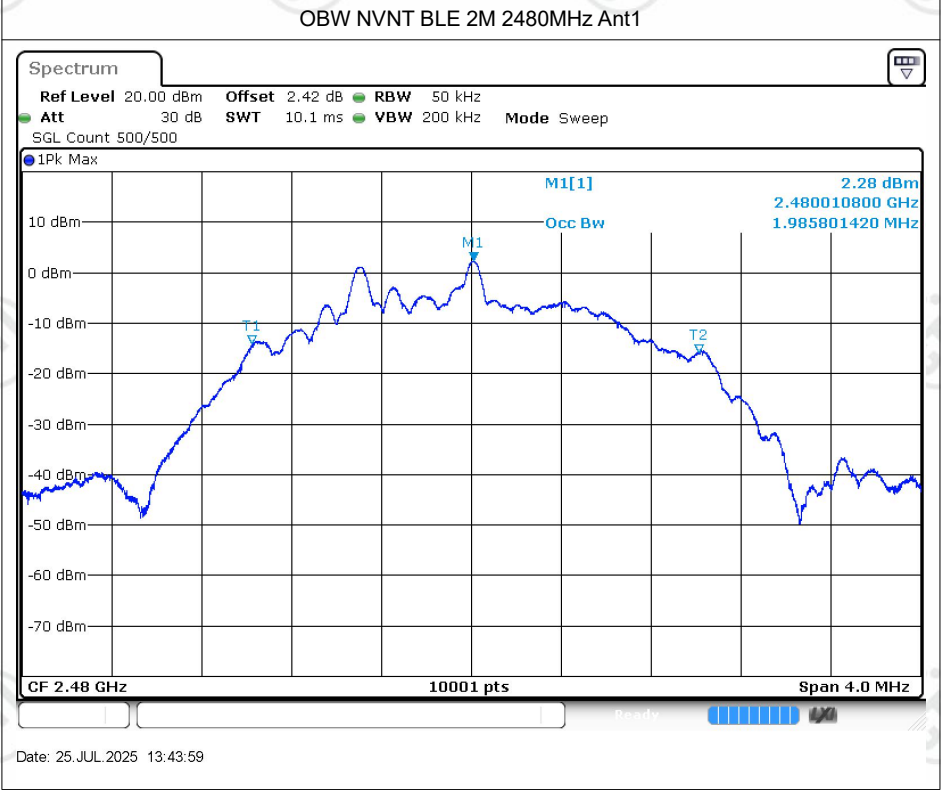
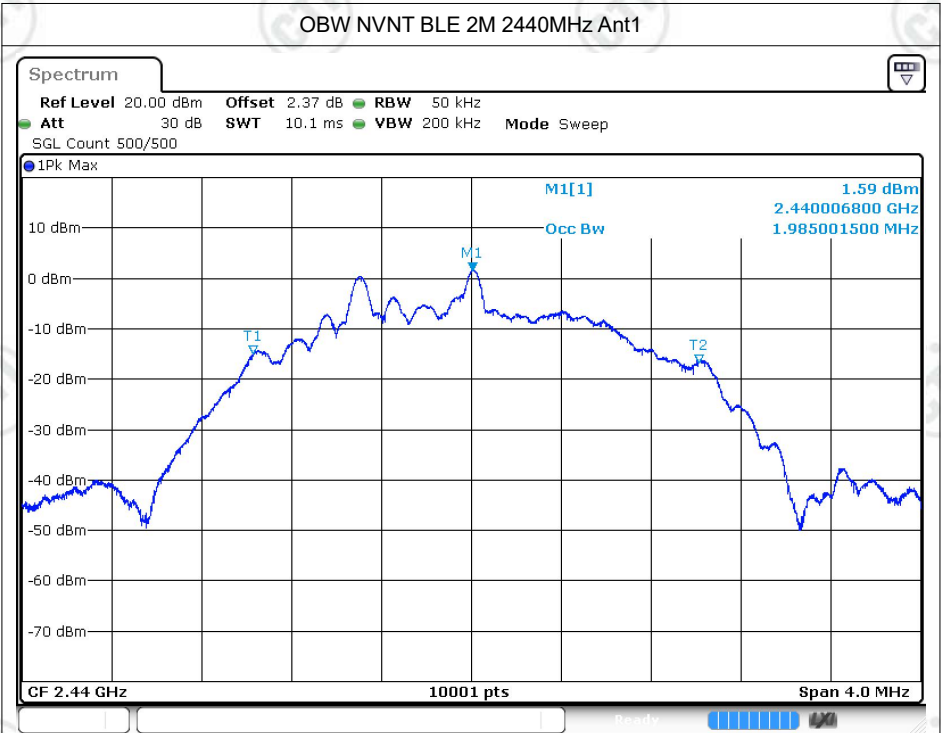
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.004
NVNT	BLE 1M	2440	Ant1	1.004
NVNT	BLE 1M	2480	Ant1	1.005
NVNT	BLE 2M	2402	Ant1	1.99
NVNT	BLE 2M	2440	Ant1	1.985
NVNT	BLE 2M	2480	Ant1	1.986







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	-13.64	0	-13.64	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.99	0	-12.99	8	Pass
NVNT	BLE 1M	2480	Ant1	-12.17	0	-12.17	8	Pass
NVNT	BLE 2M	2402	Ant1	-14.83	0	-14.83	8	Pass
NVNT	BLE 2M	2440	Ant1	-13.7	0	-13.7	8	Pass
NVNT	BLE 2M	2480	Ant1	-13.05	0	-13.05	8	Pass