

Appendix: Bluetooth LE

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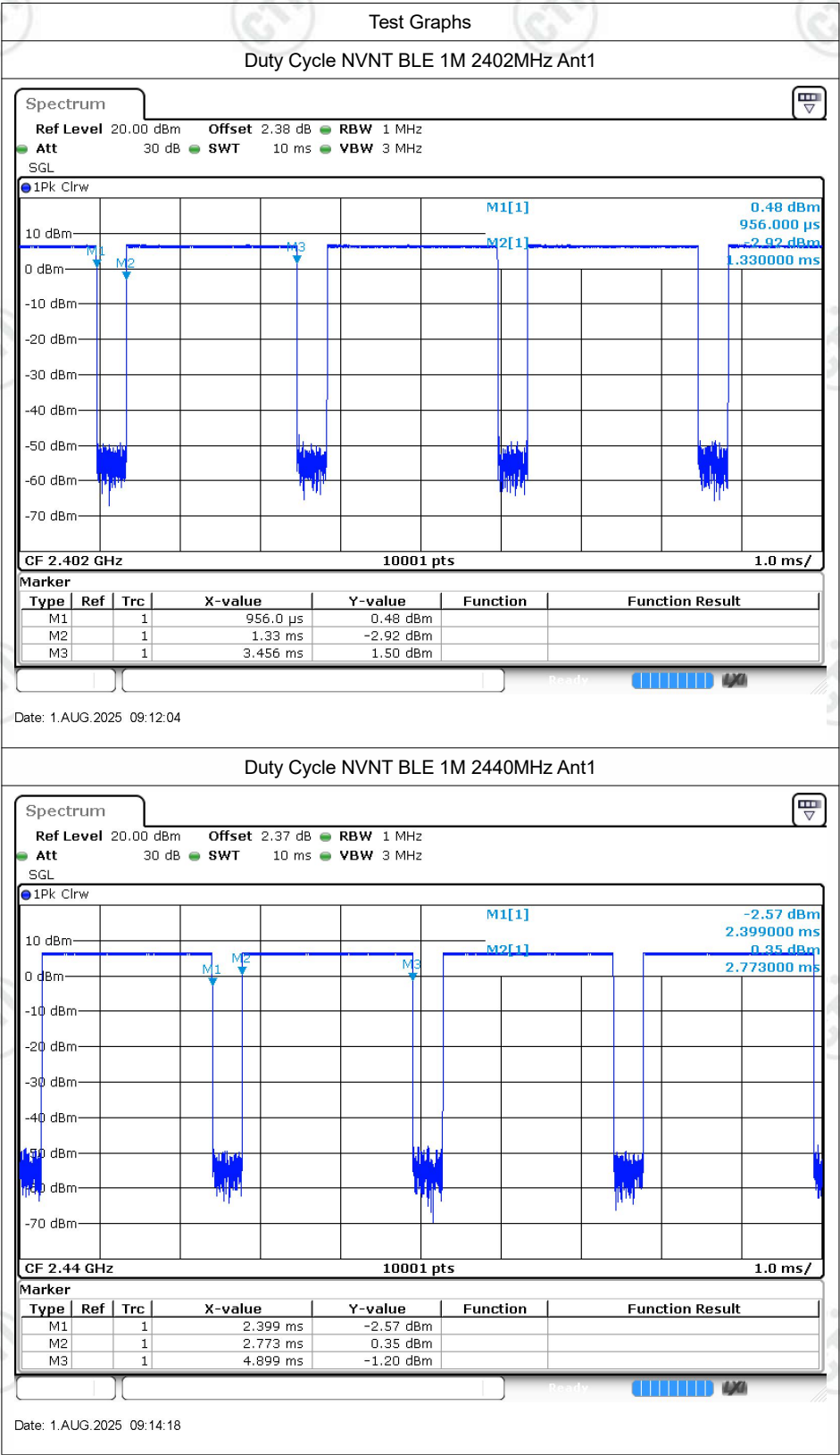
Maximum Power Spectral Density Level 19

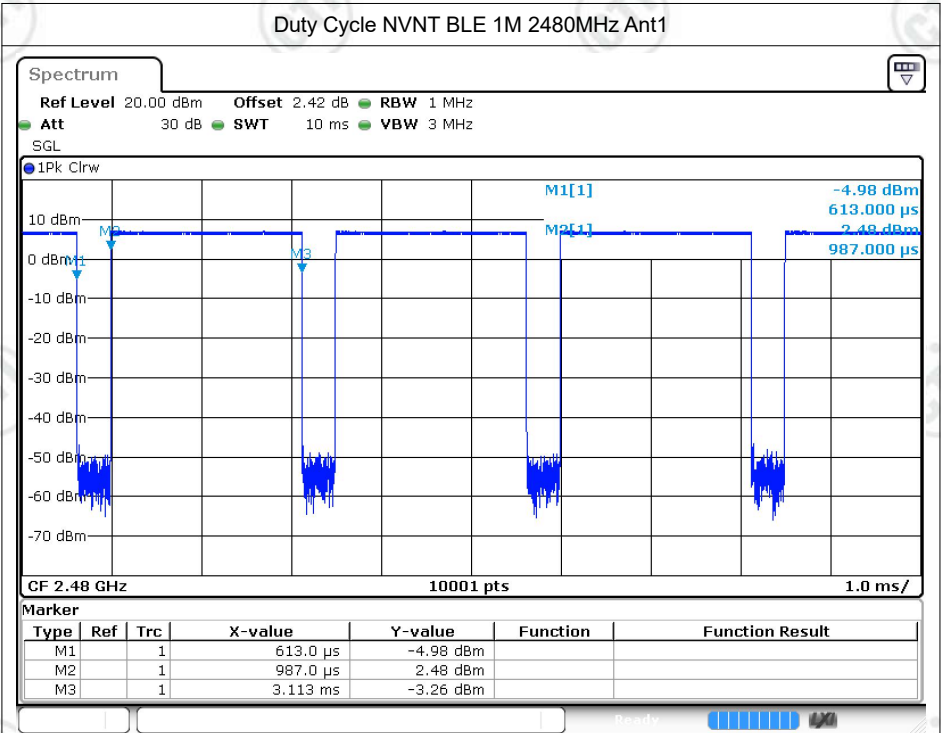
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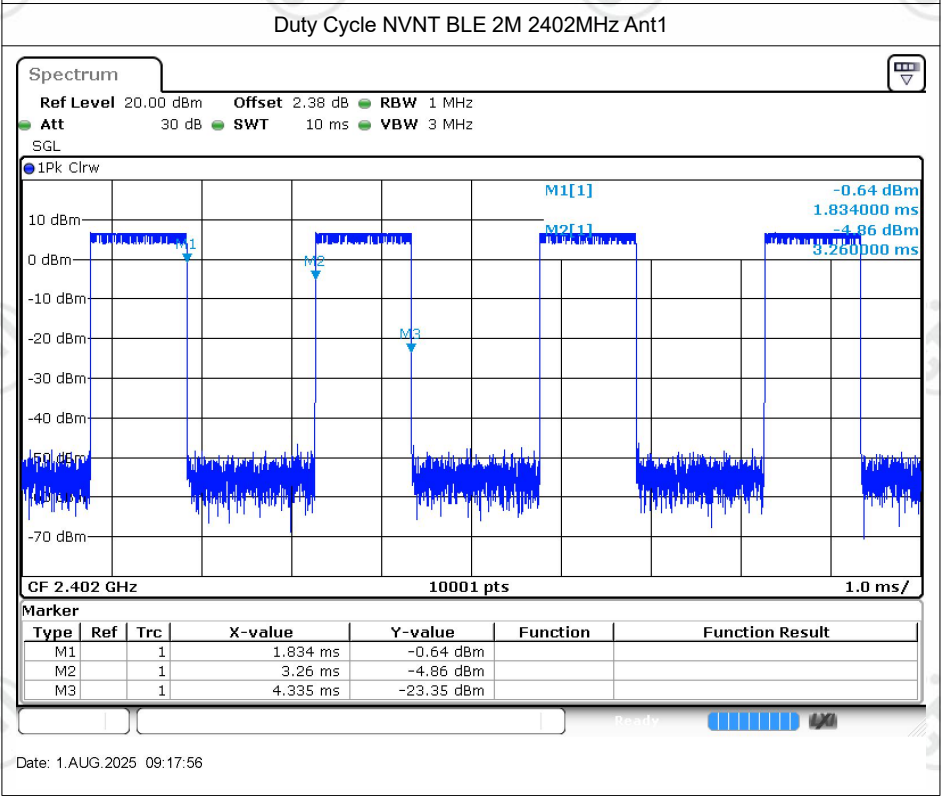
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	85.04	0.7	0.47
NVNT	BLE 1M	2440	Ant1	85.04	0.7	0.47
NVNT	BLE 1M	2480	Ant1	85.04	0.7	0.47
NVNT	BLE 2M	2402	Ant1	42.98	3.67	0.93
NVNT	BLE 2M	2440	Ant1	43	3.67	0.93
NVNT	BLE 2M	2480	Ant1	43	3.67	0.93

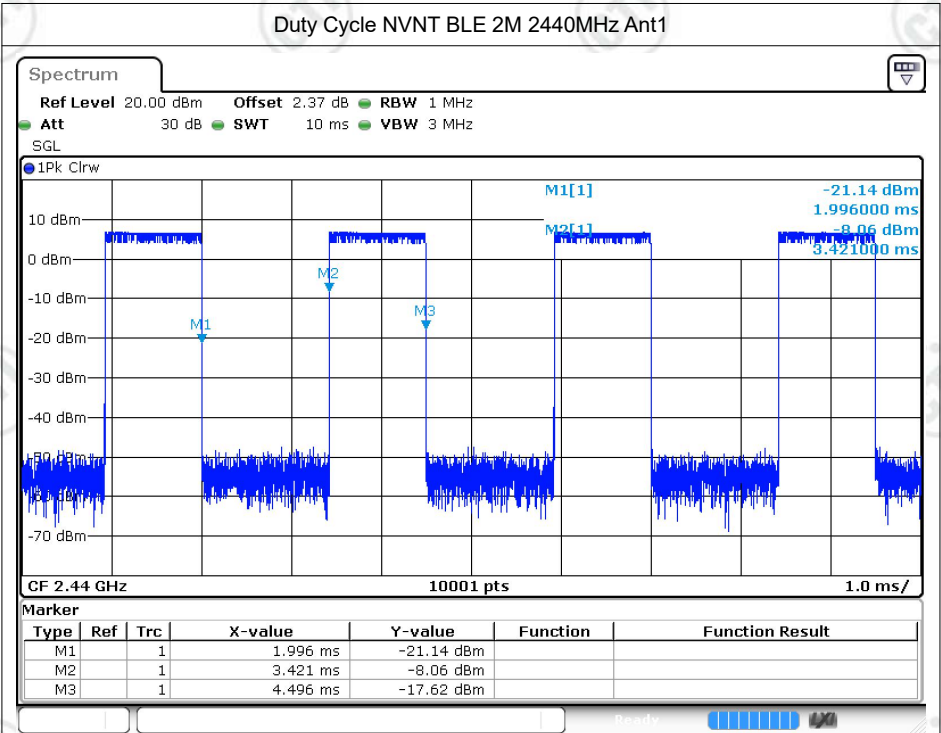




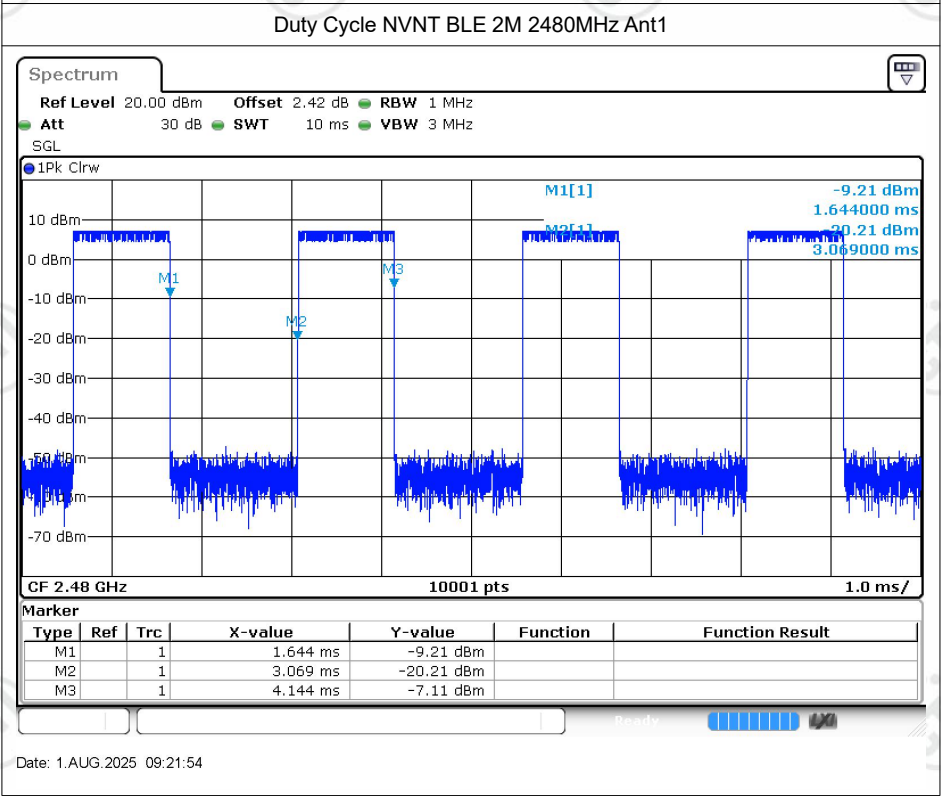
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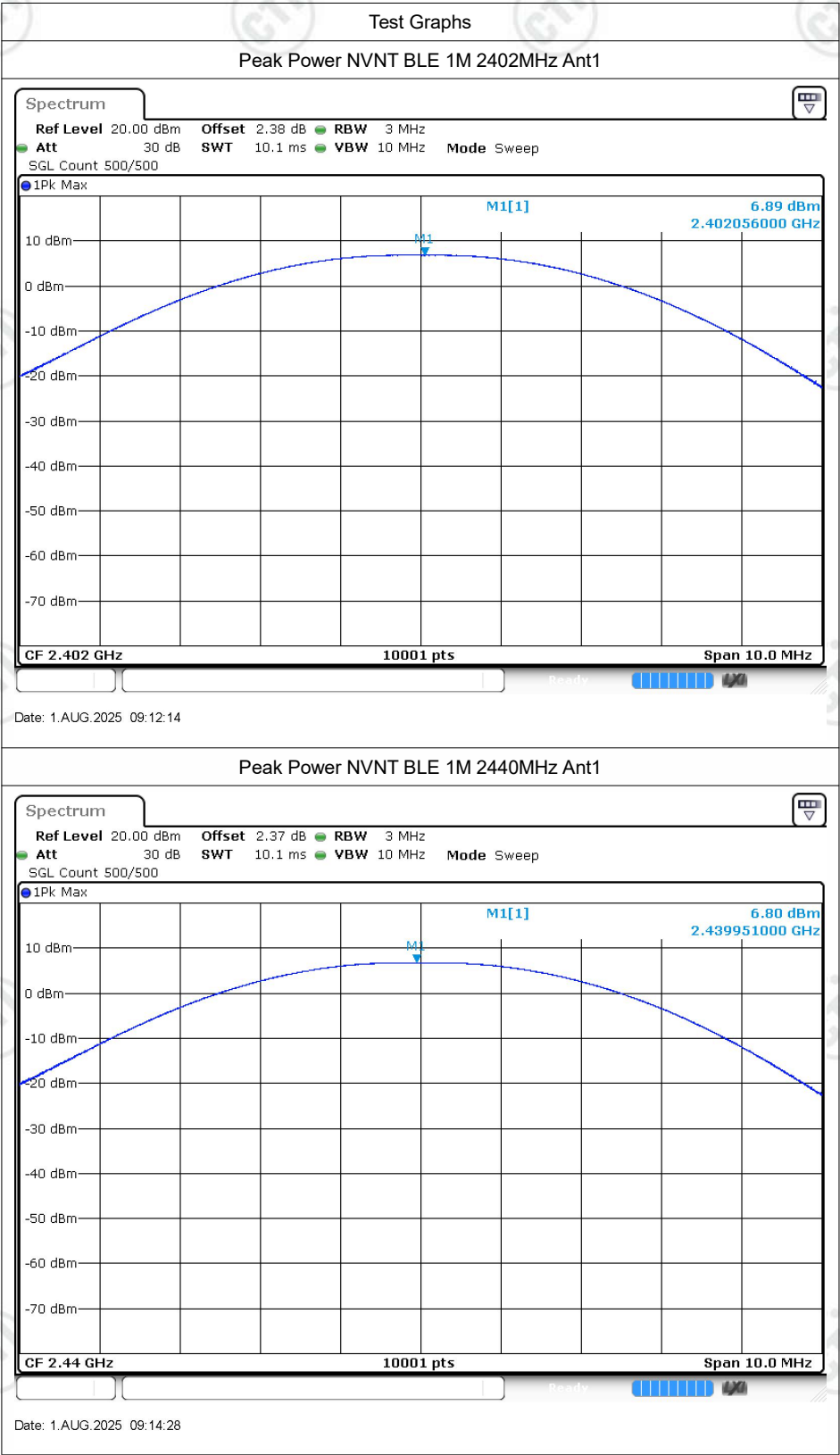
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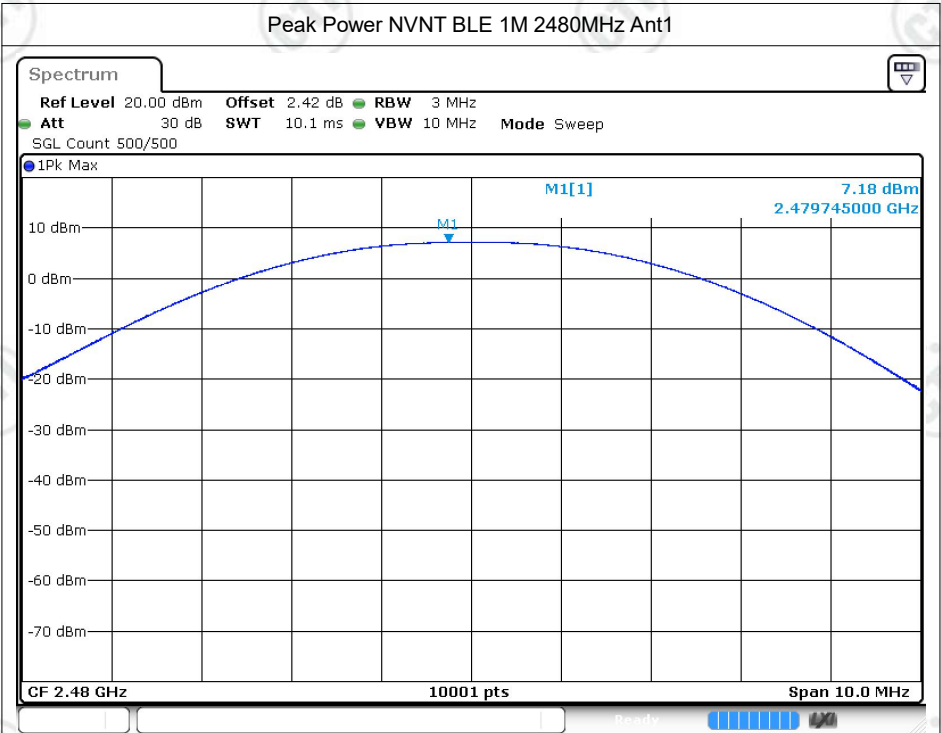


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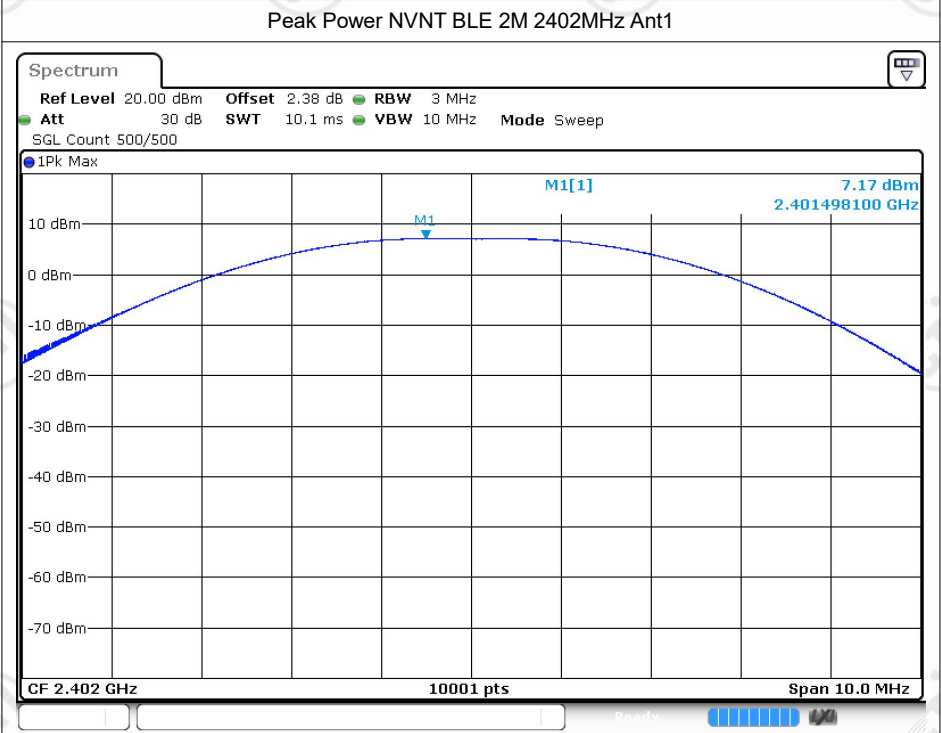
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	6.89	0	6.89	30	Pass
NVNT	BLE 1M	2440	Ant1	6.8	0	6.8	30	Pass
NVNT	BLE 1M	2480	Ant1	7.18	0	7.18	30	Pass
NVNT	BLE 2M	2402	Ant1	7.17	0	7.17	30	Pass
NVNT	BLE 2M	2440	Ant1	7.23	0	7.23	30	Pass
NVNT	BLE 2M	2480	Ant1	7.63	0	7.63	30	Pass

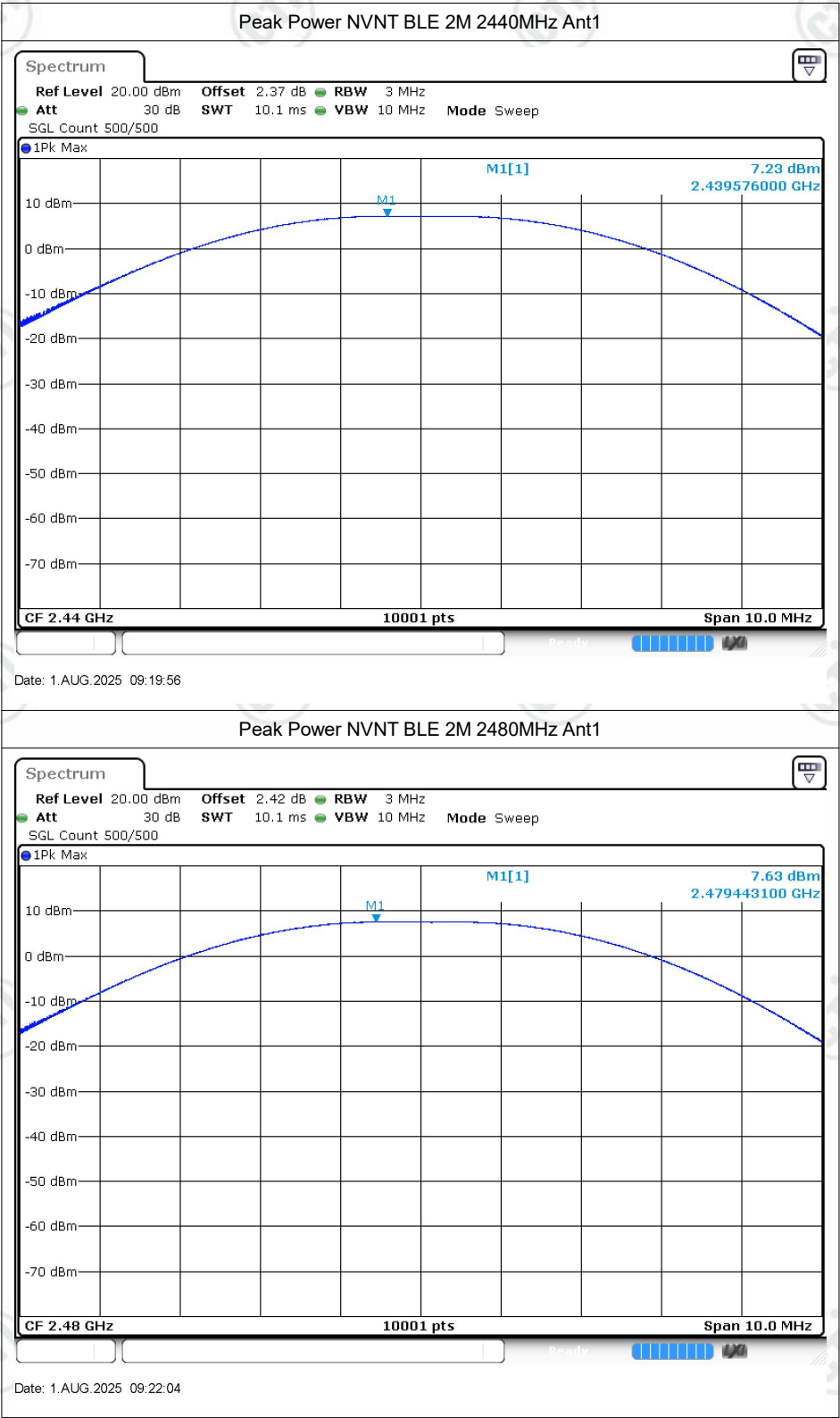




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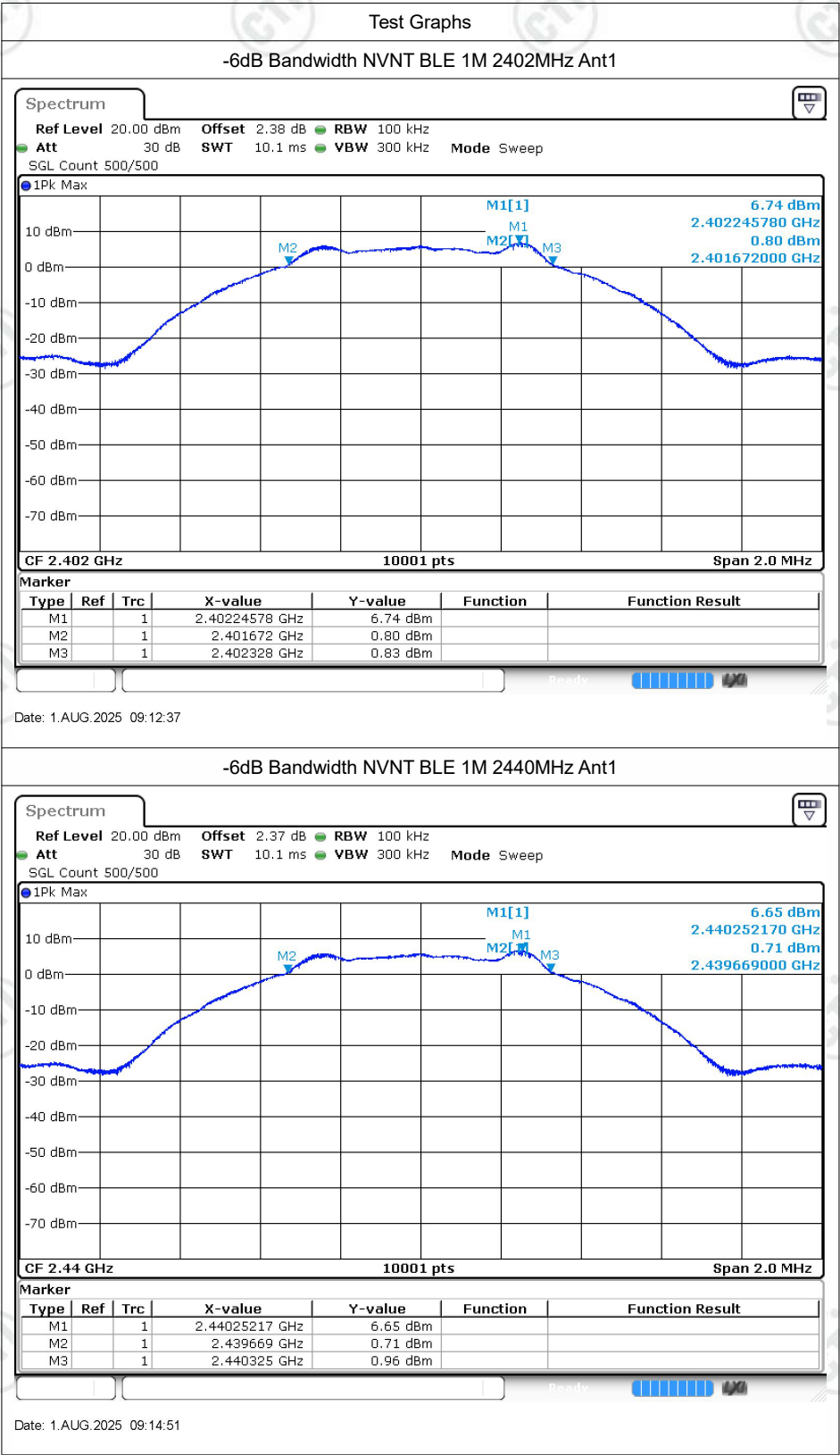


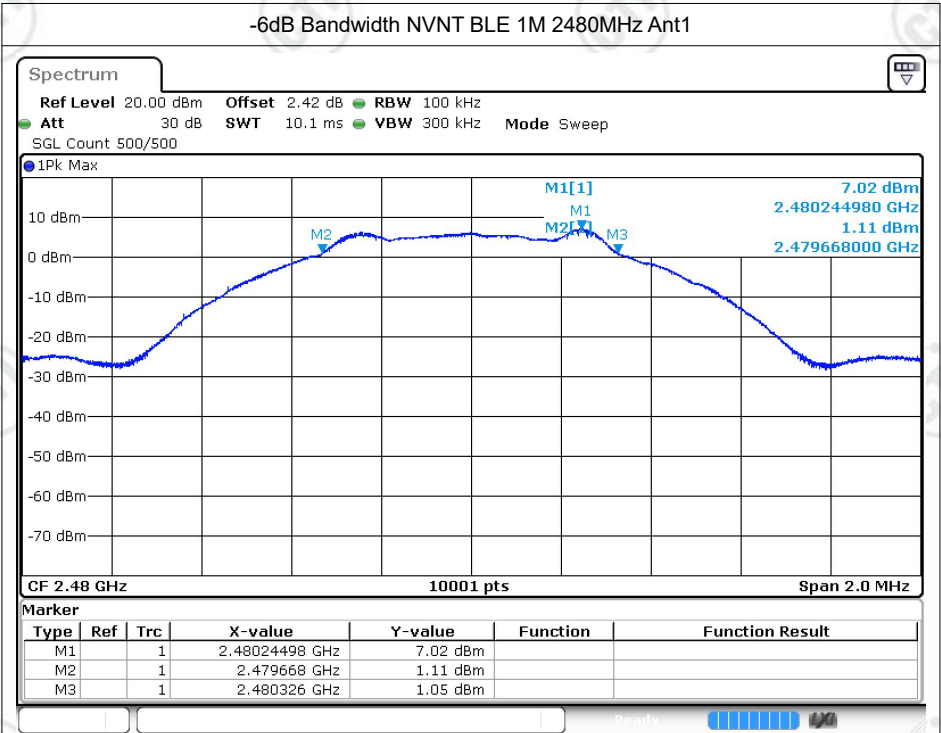
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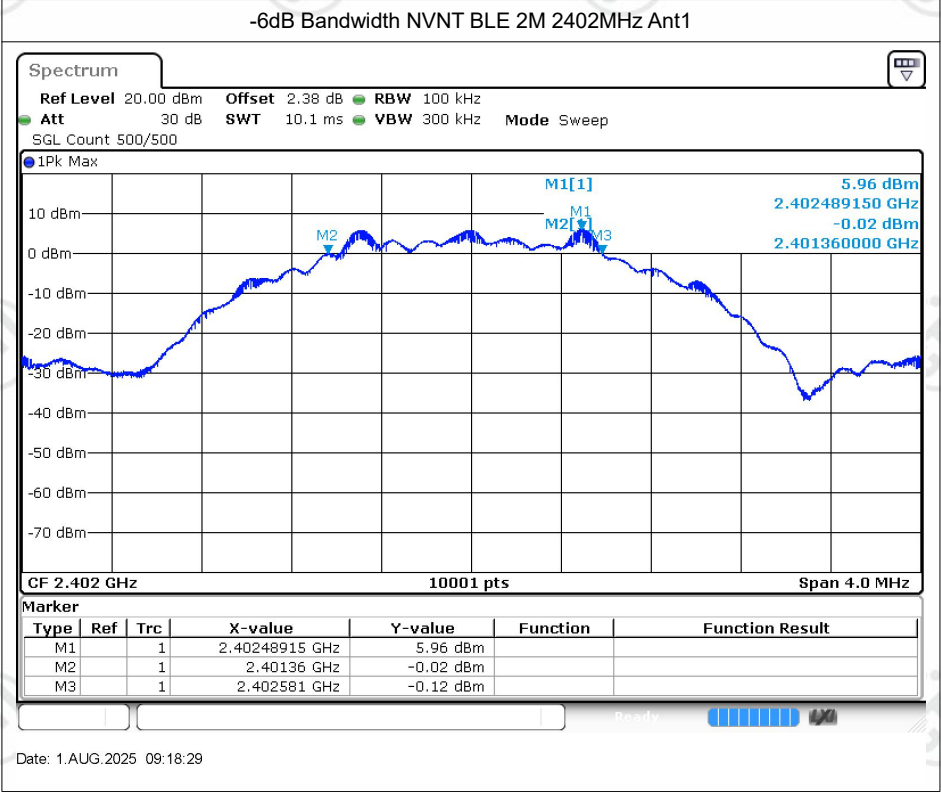
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.657	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.656	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.658	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.221	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.216	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.217	0.5	Pass

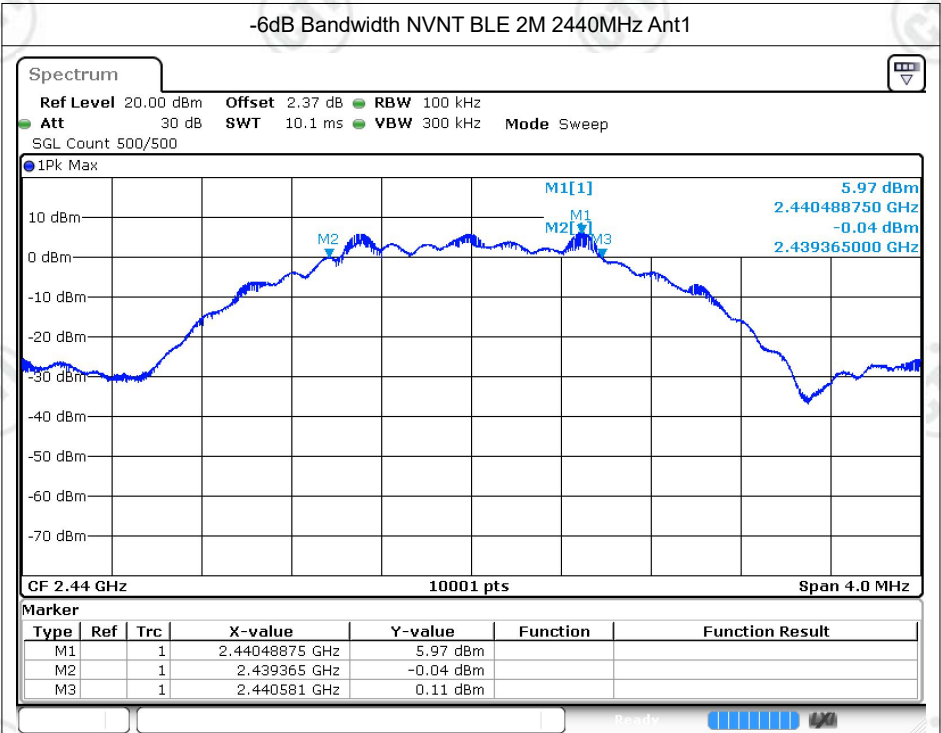




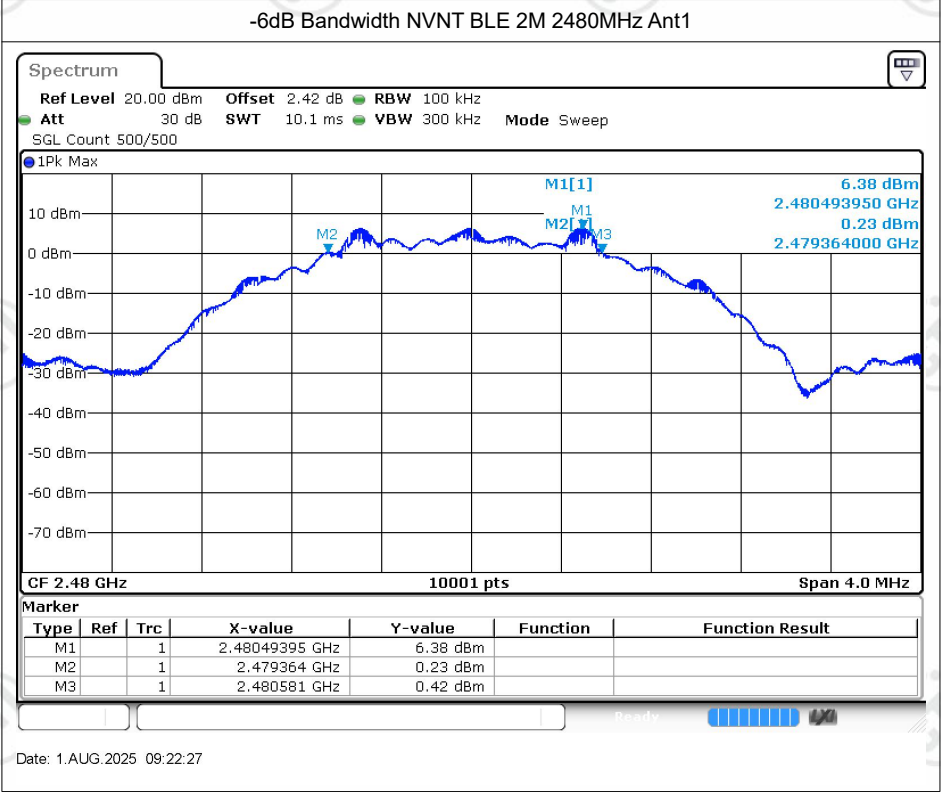
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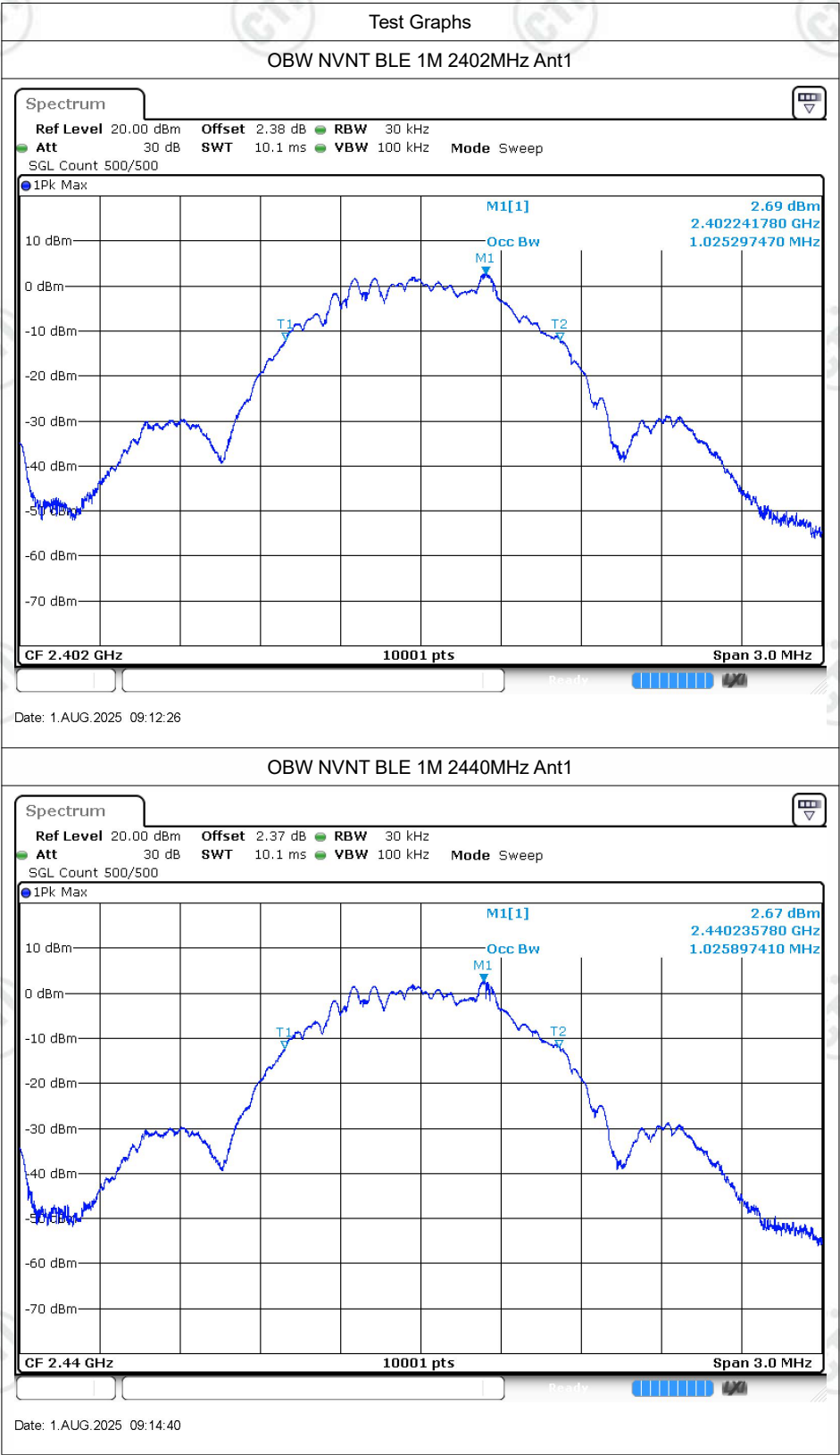
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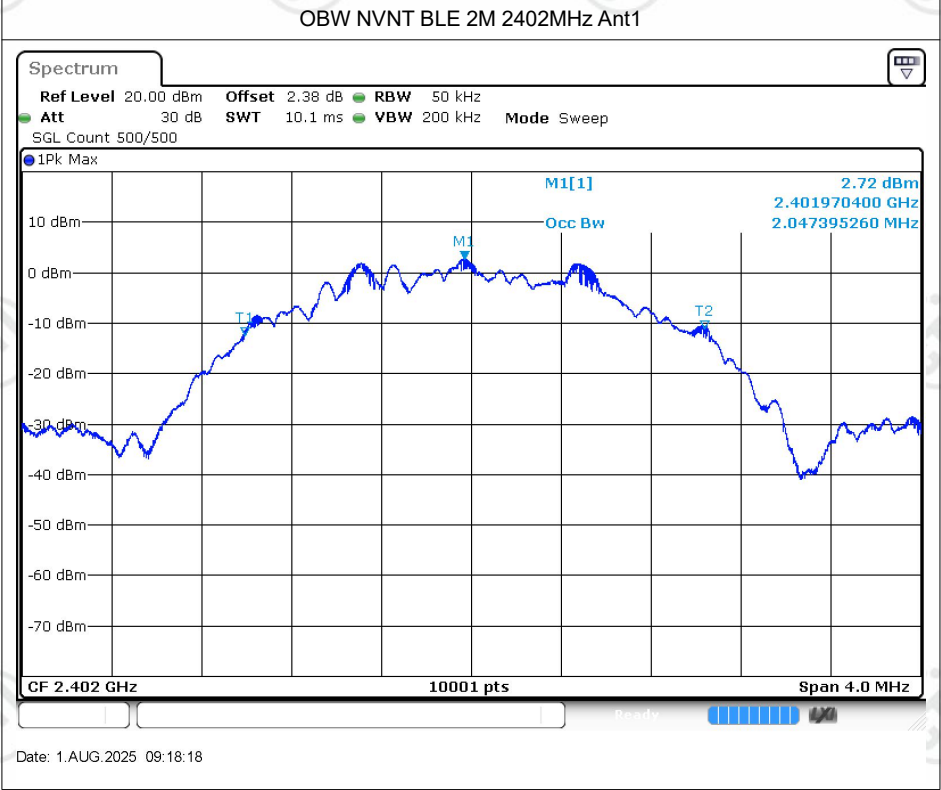
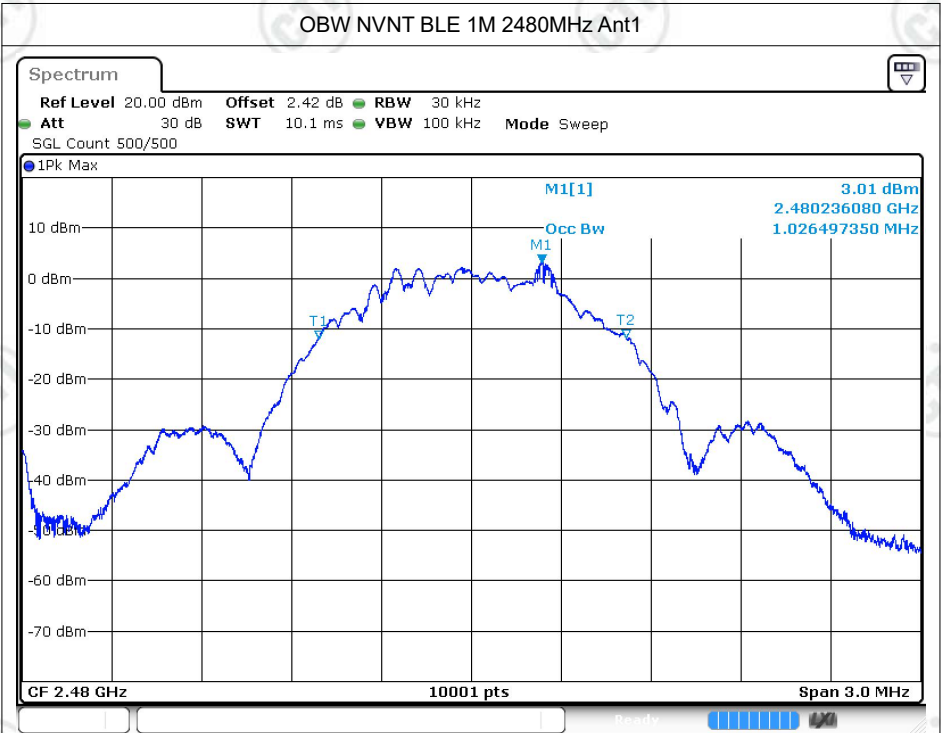


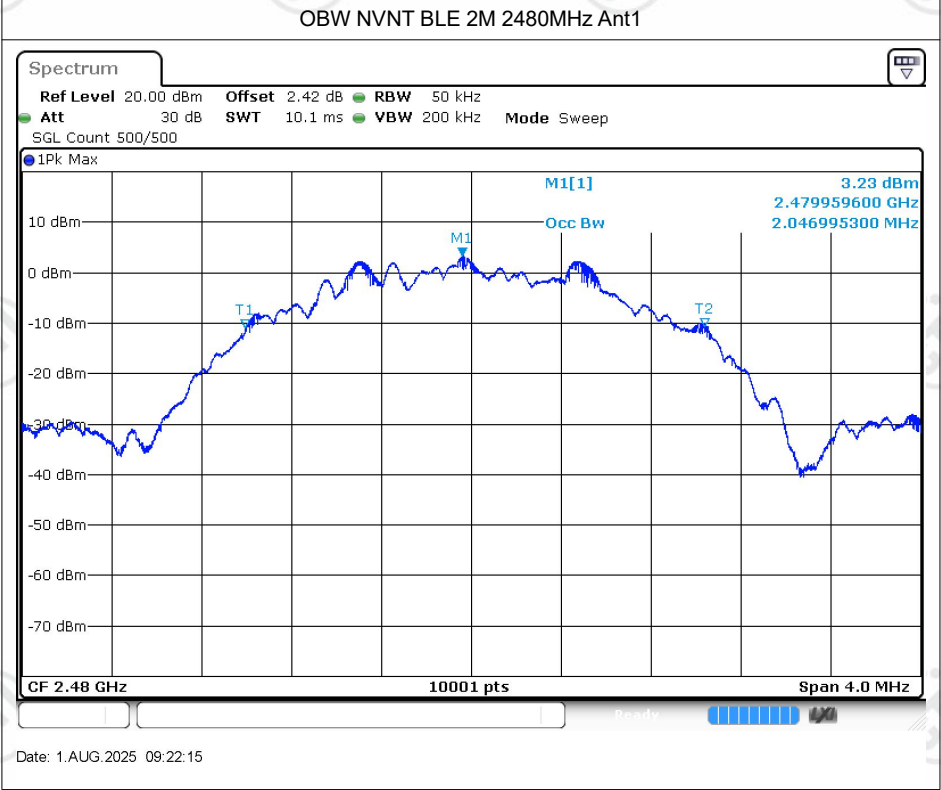
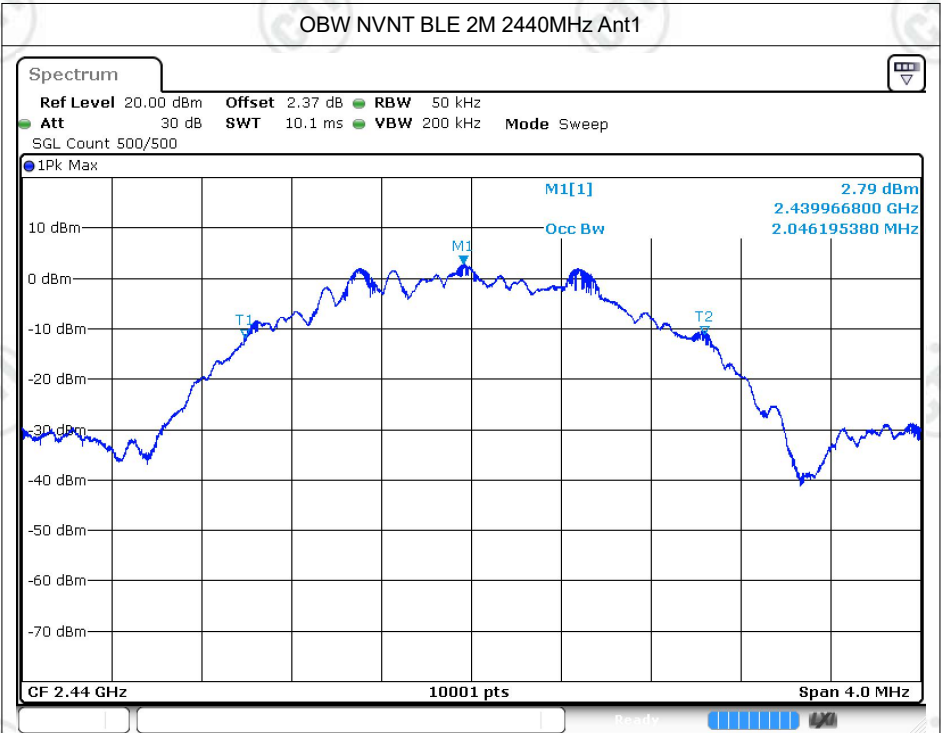
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.025
NVNT	BLE 1M	2440	Ant1	1.026
NVNT	BLE 1M	2480	Ant1	1.026
NVNT	BLE 2M	2402	Ant1	2.047
NVNT	BLE 2M	2440	Ant1	2.046
NVNT	BLE 2M	2480	Ant1	2.047







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	-9.56	0	-9.56	8	Pass
NVNT	BLE 1M	2440	Ant1	-9.78	0	-9.78	8	Pass
NVNT	BLE 1M	2480	Ant1	-9.41	0	-9.41	8	Pass
NVNT	BLE 2M	2402	Ant1	-12.56	0	-12.56	8	Pass
NVNT	BLE 2M	2440	Ant1	-12.5	0	-12.5	8	Pass
NVNT	BLE 2M	2480	Ant1	-11	0	-11	8	Pass