

Appendix: Bluetooth BLE

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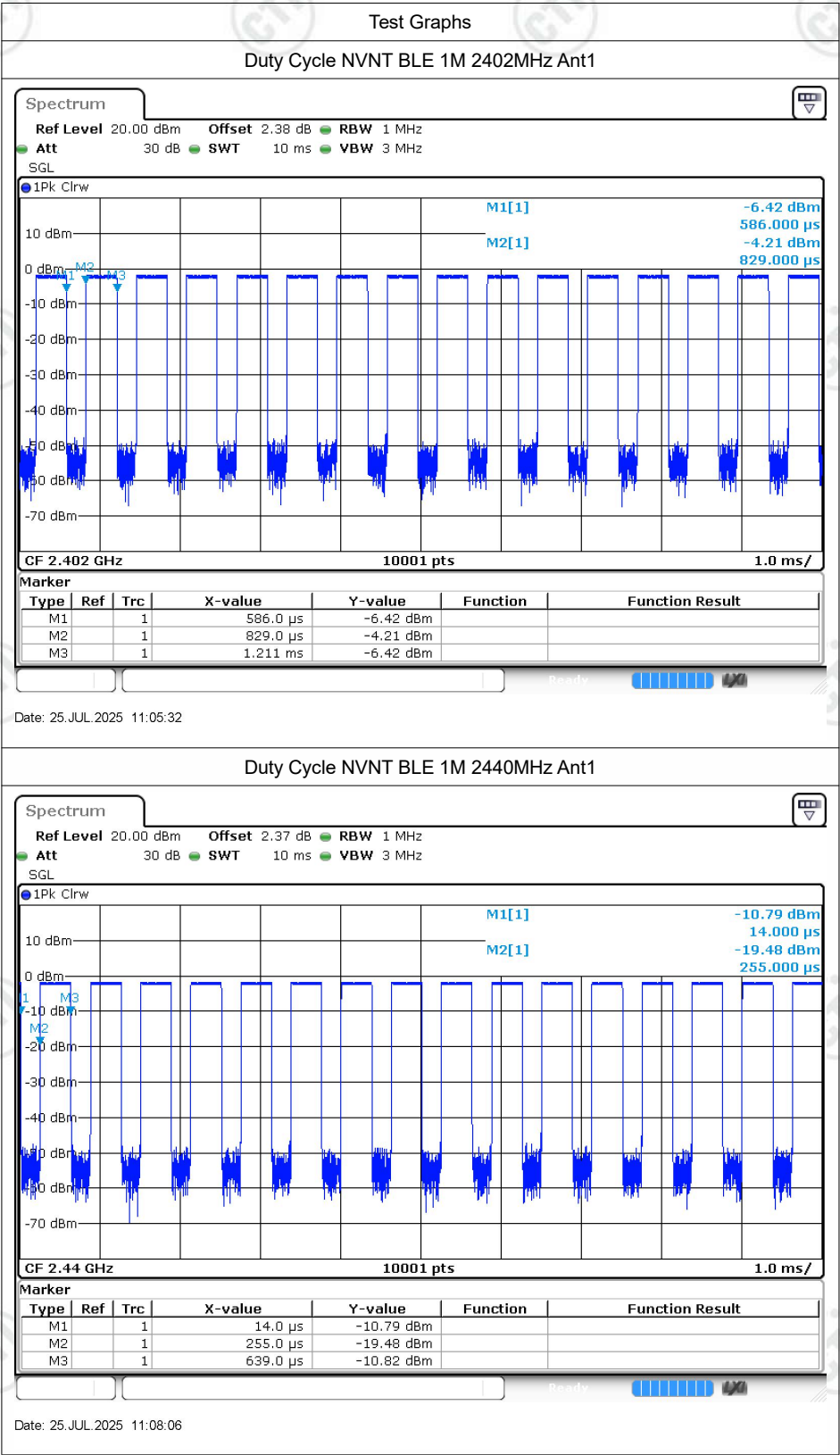
Maximum Power Spectral Density Level 19

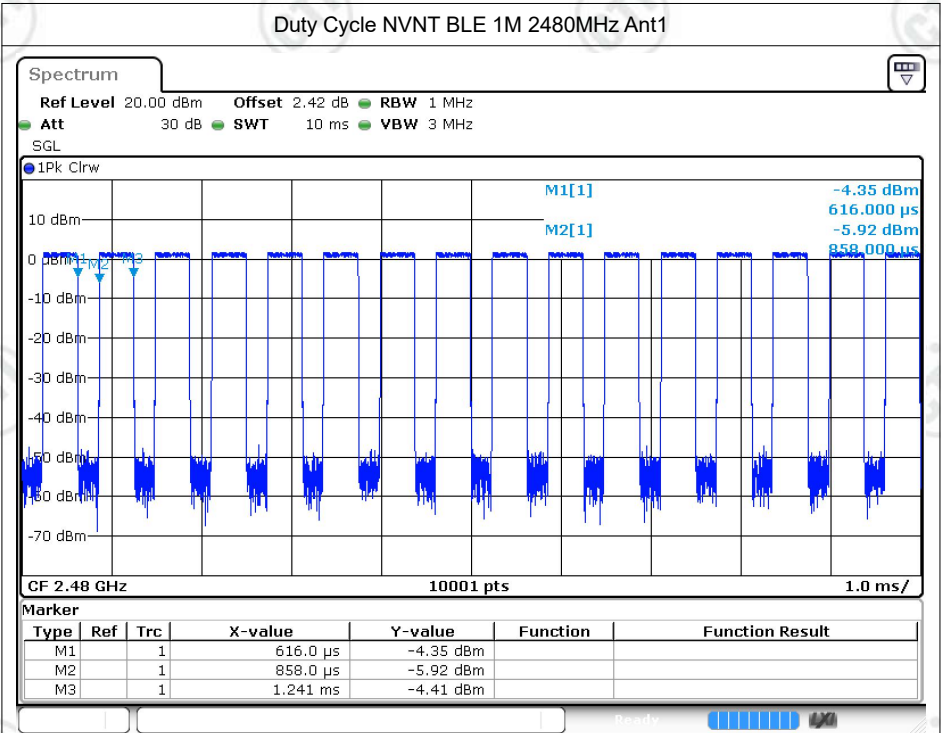
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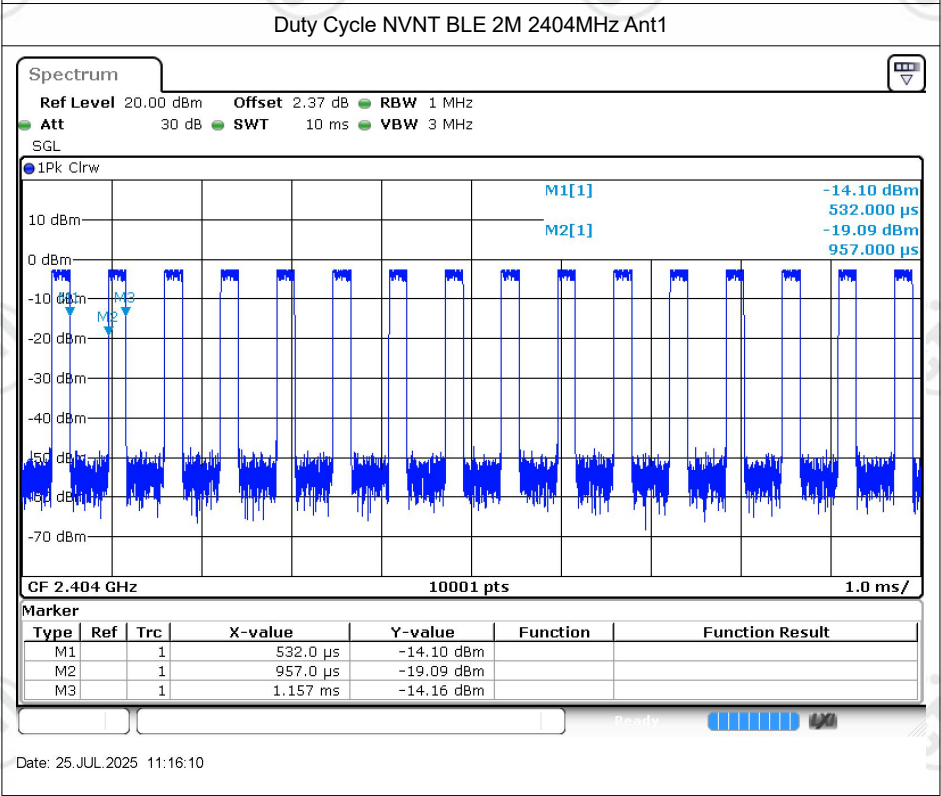
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	61.12	2.14	2.62
NVNT	BLE 1M	2440	Ant1	61.44	2.12	2.6
NVNT	BLE 1M	2480	Ant1	61.28	2.13	2.61
NVNT	BLE 2M	2404	Ant1	32	4.95	5
NVNT	BLE 2M	2440	Ant1	32	4.95	5
NVNT	BLE 2M	2478	Ant1	32	4.95	5

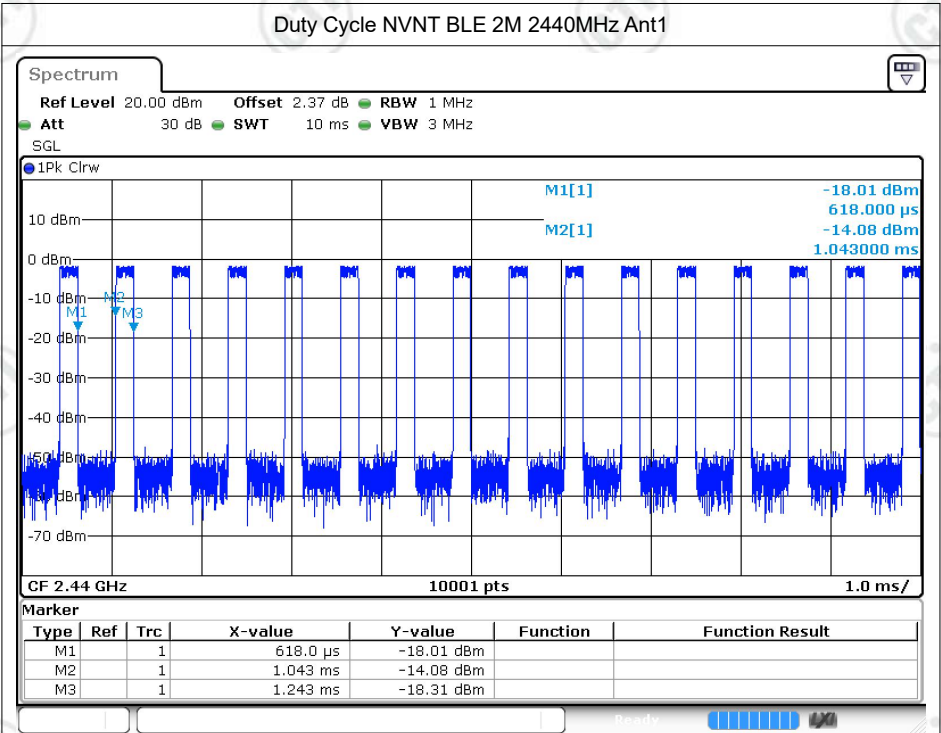




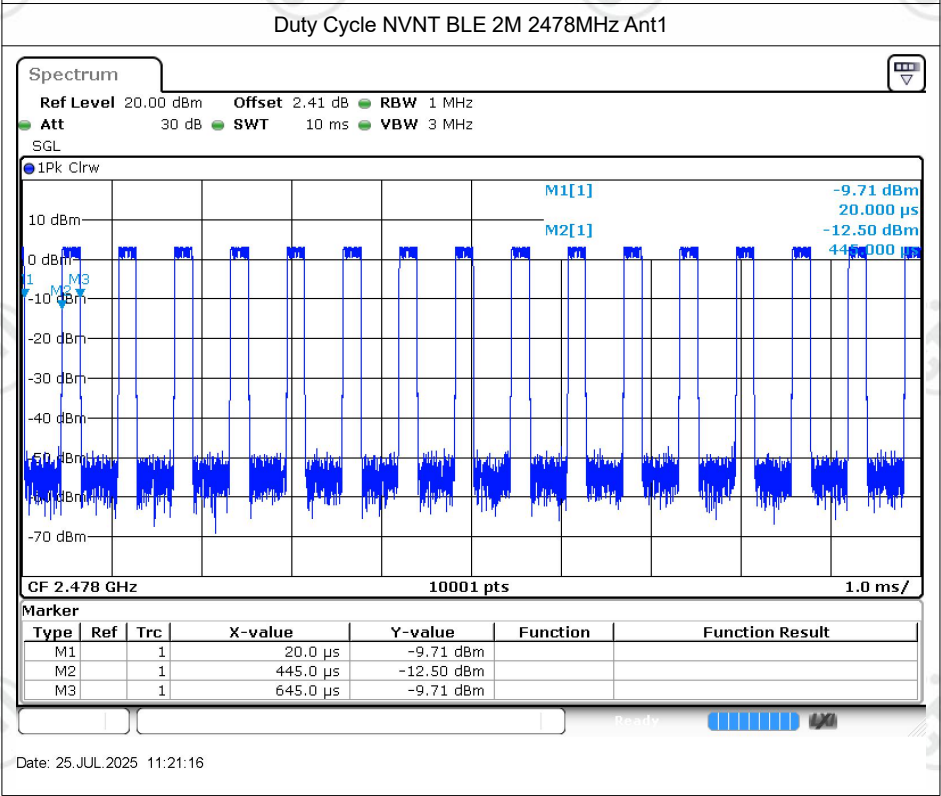
Date: 25.JUL.2025 11:10:47



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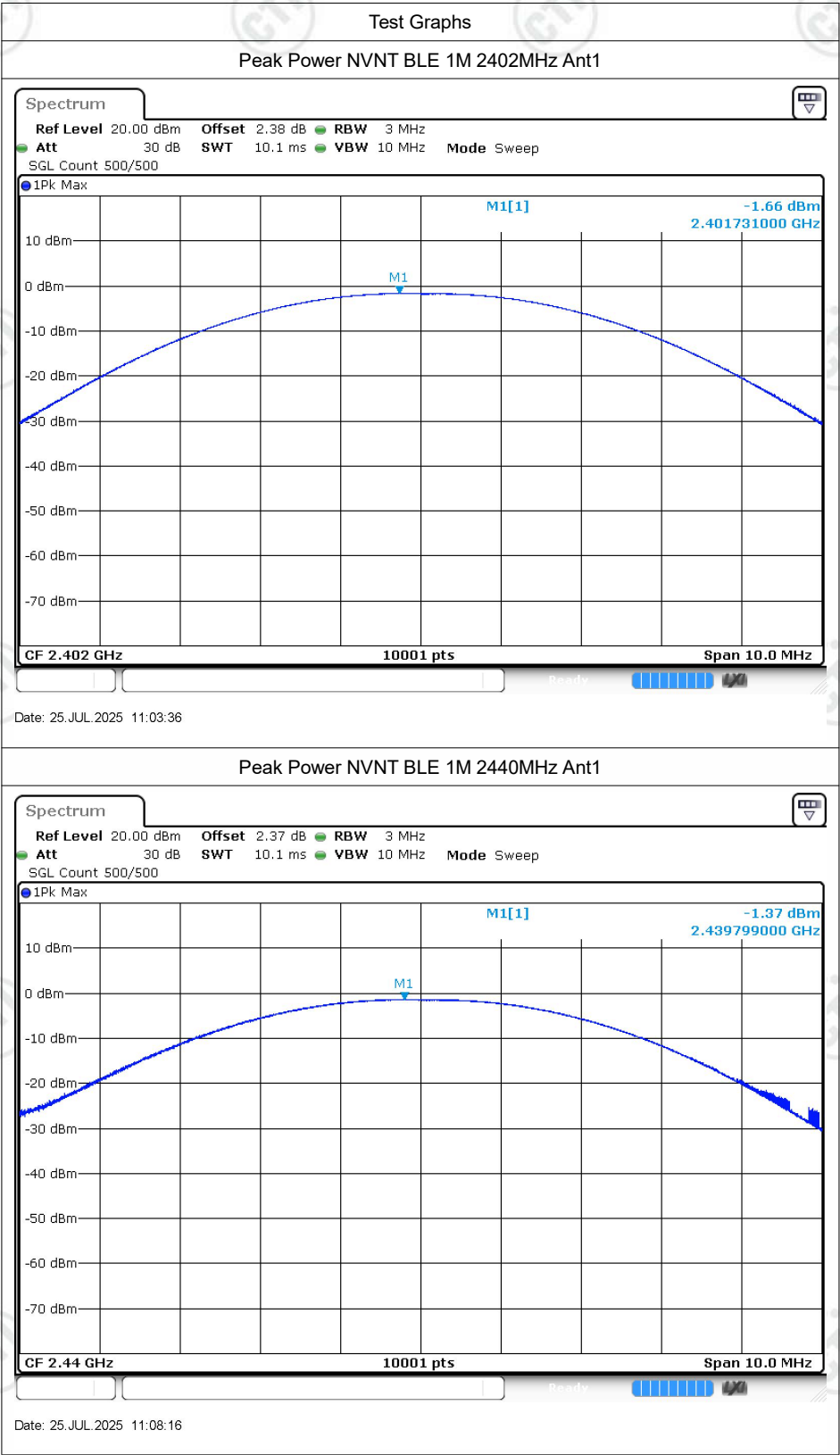
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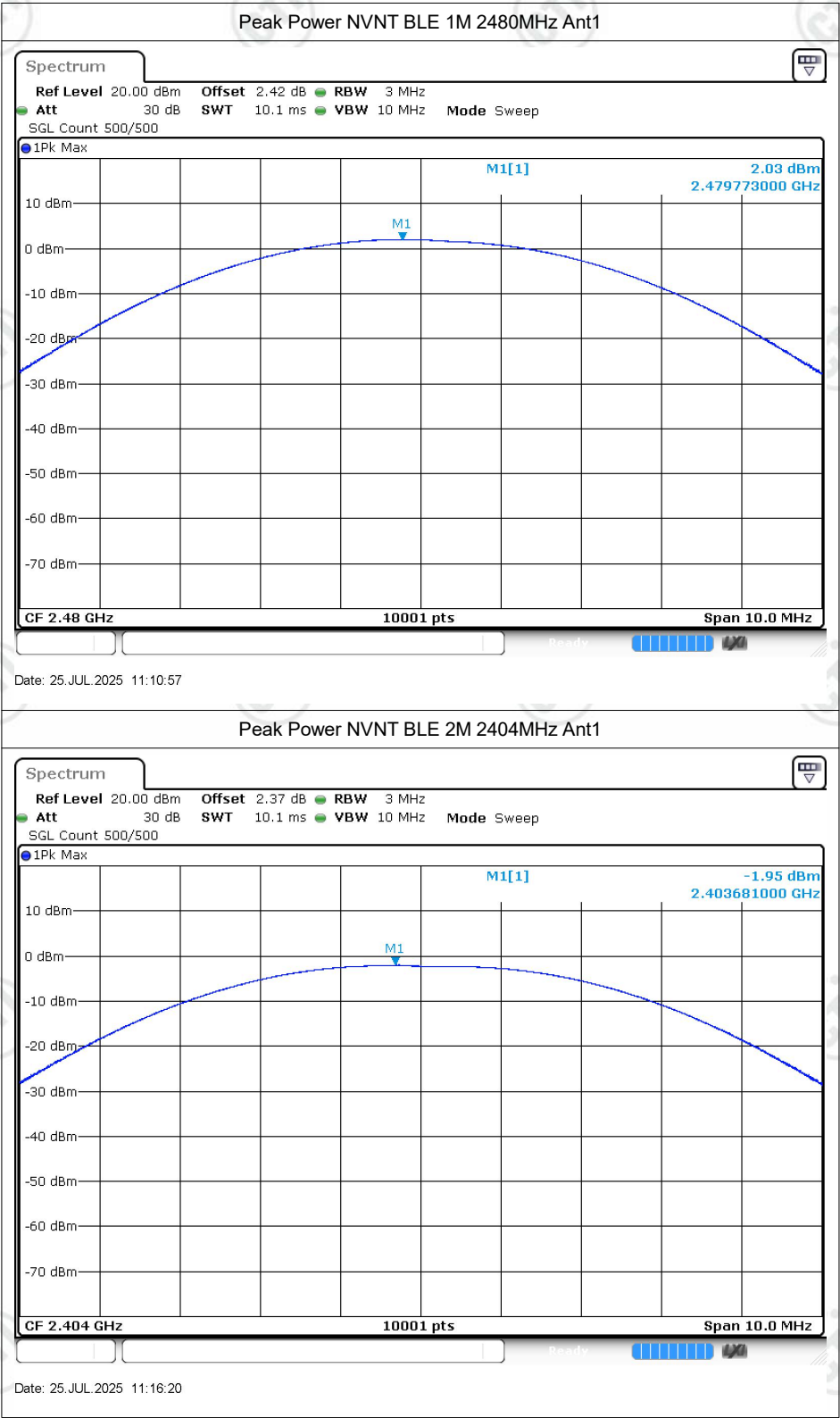


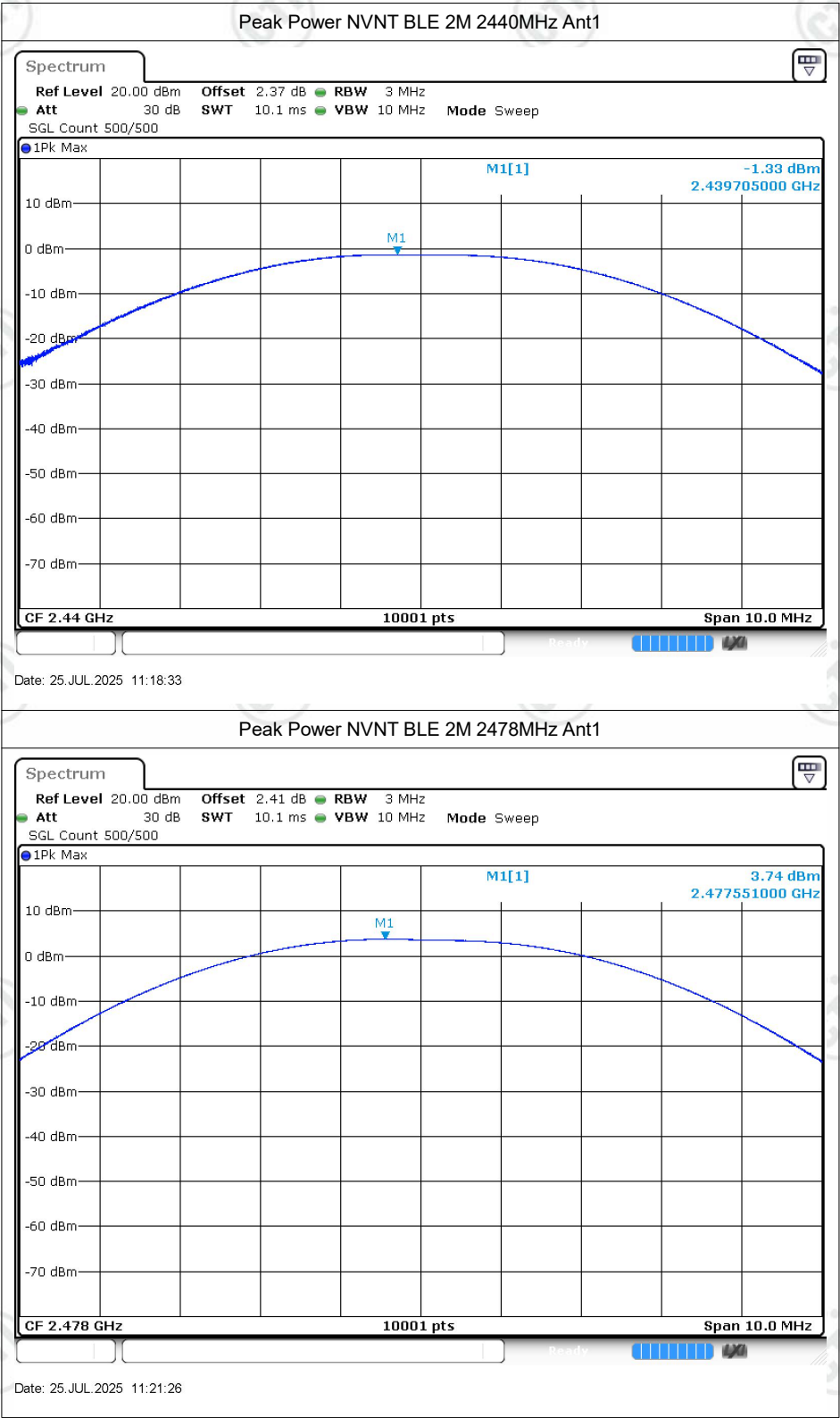
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Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.66	0	-1.66	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.37	0	-1.37	30	Pass
NVNT	BLE 1M	2480	Ant1	2.03	0	2.03	30	Pass
NVNT	BLE 2M	2404	Ant1	-1.95	0	-1.95	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.33	0	-1.33	30	Pass
NVNT	BLE 2M	2478	Ant1	3.74	0	3.74	30	Pass

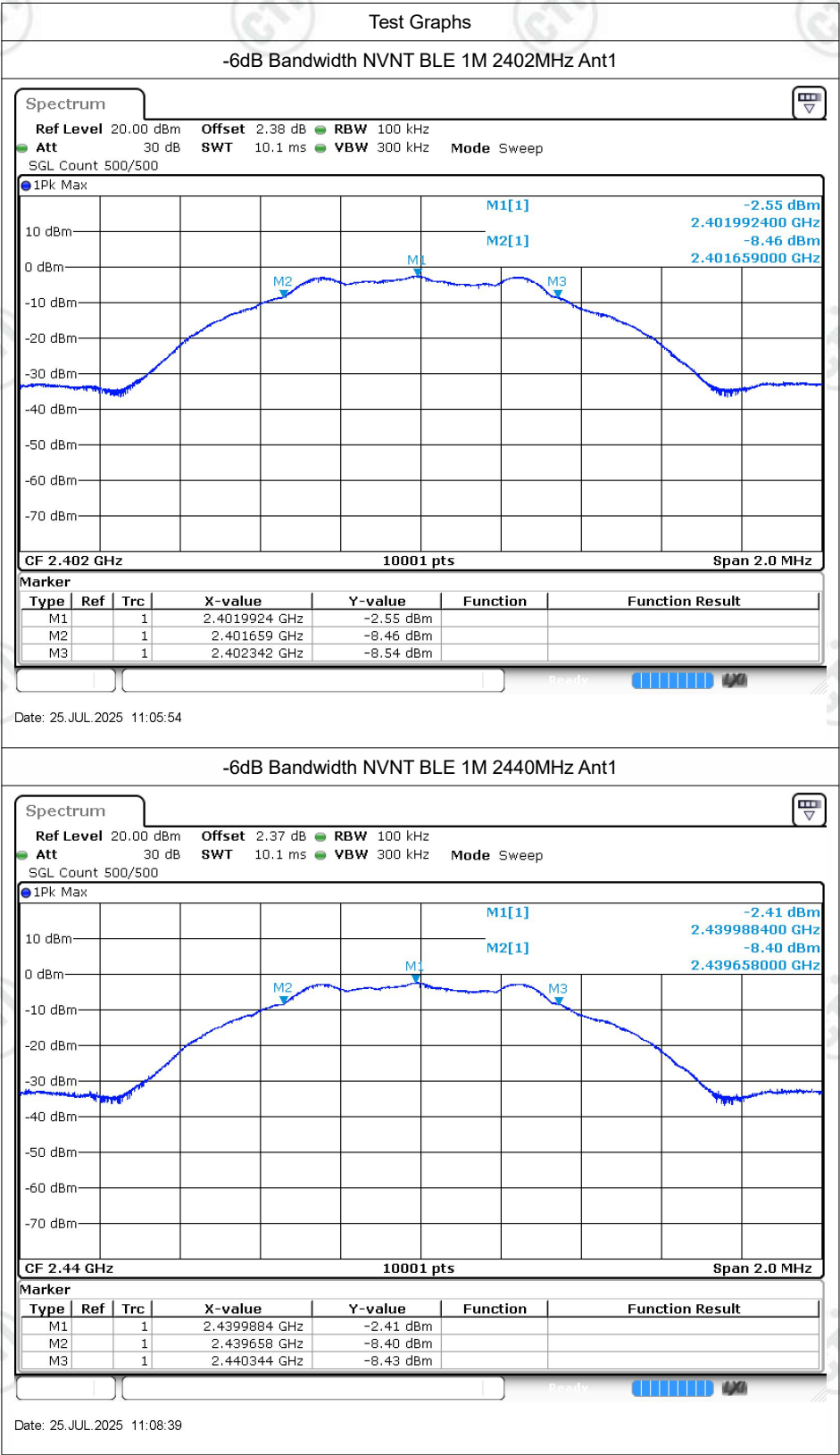


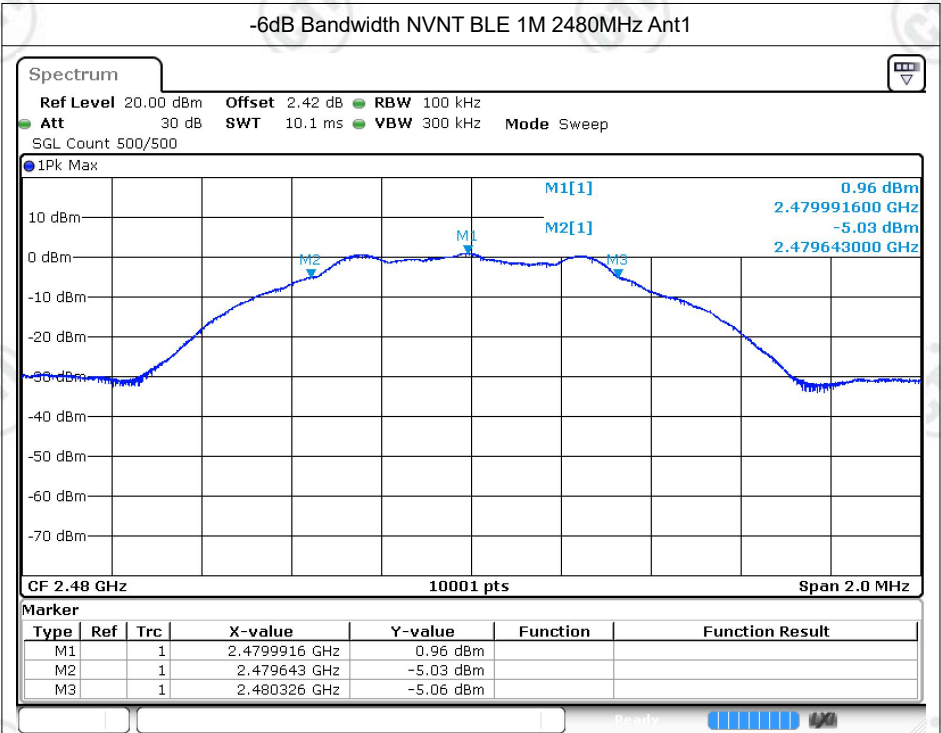




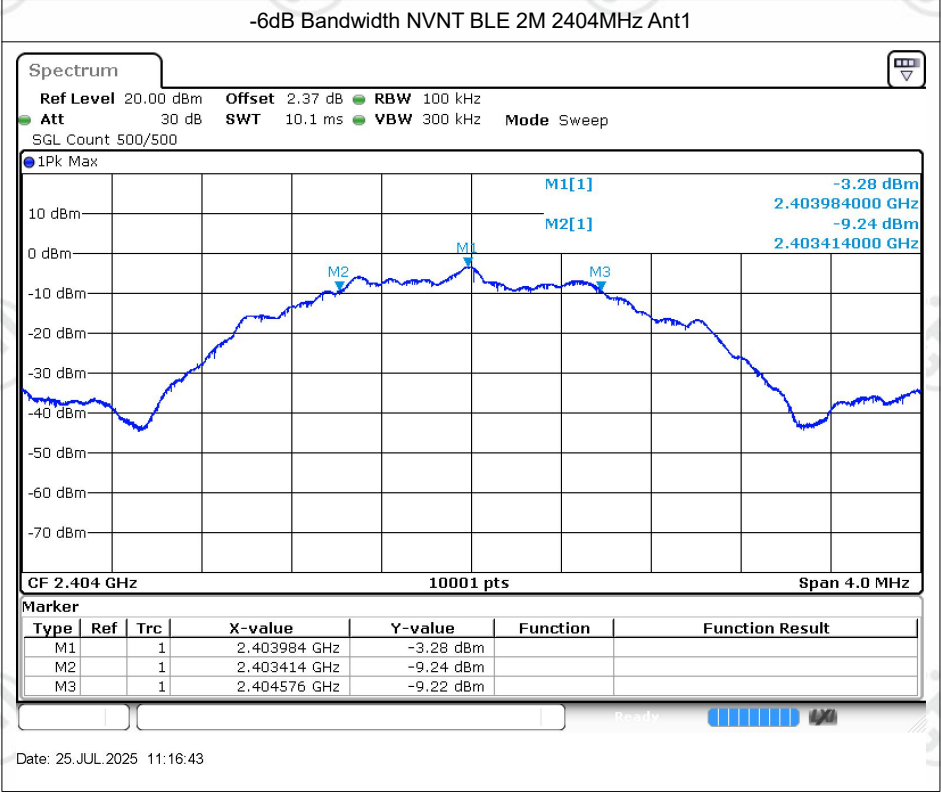
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.683	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.686	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.683	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.162	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.163	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.164	0.5	Pass

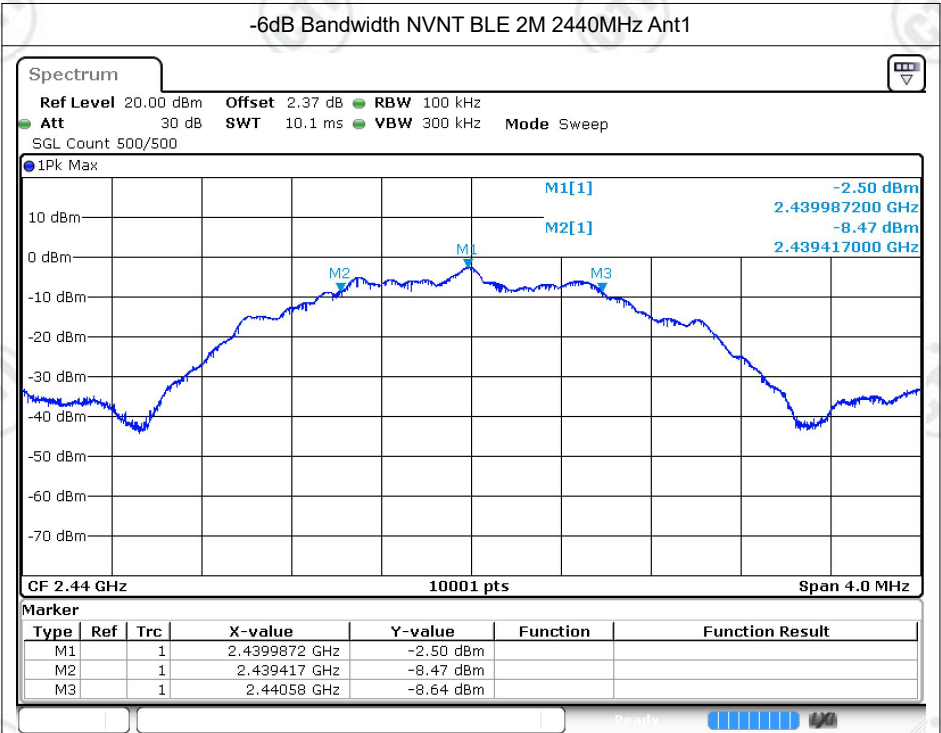




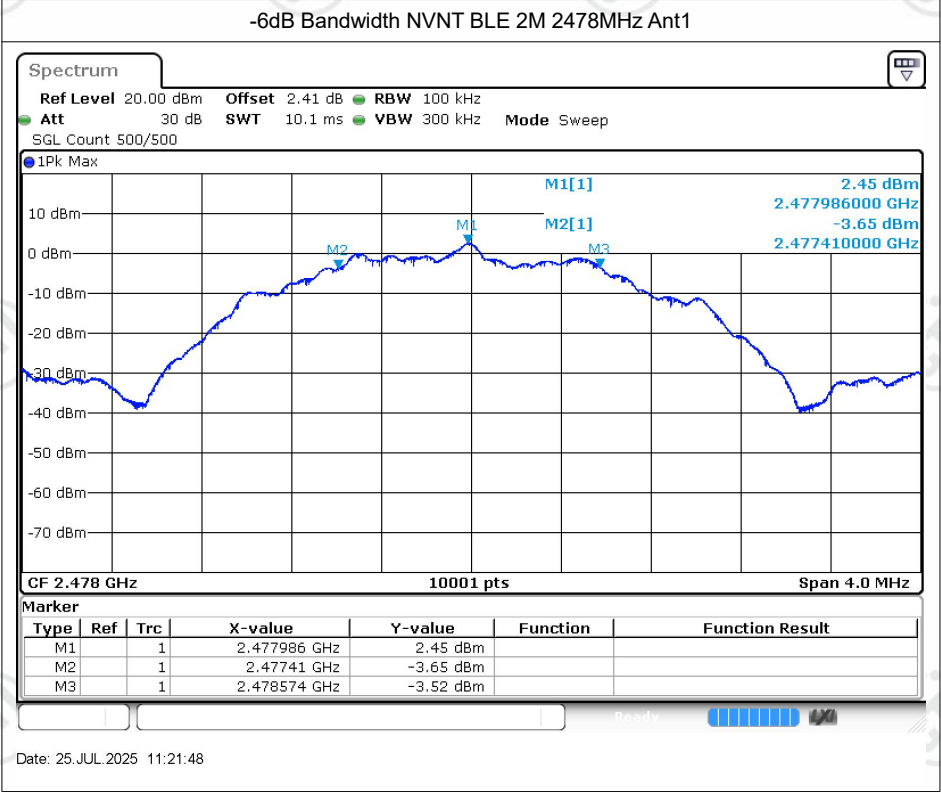
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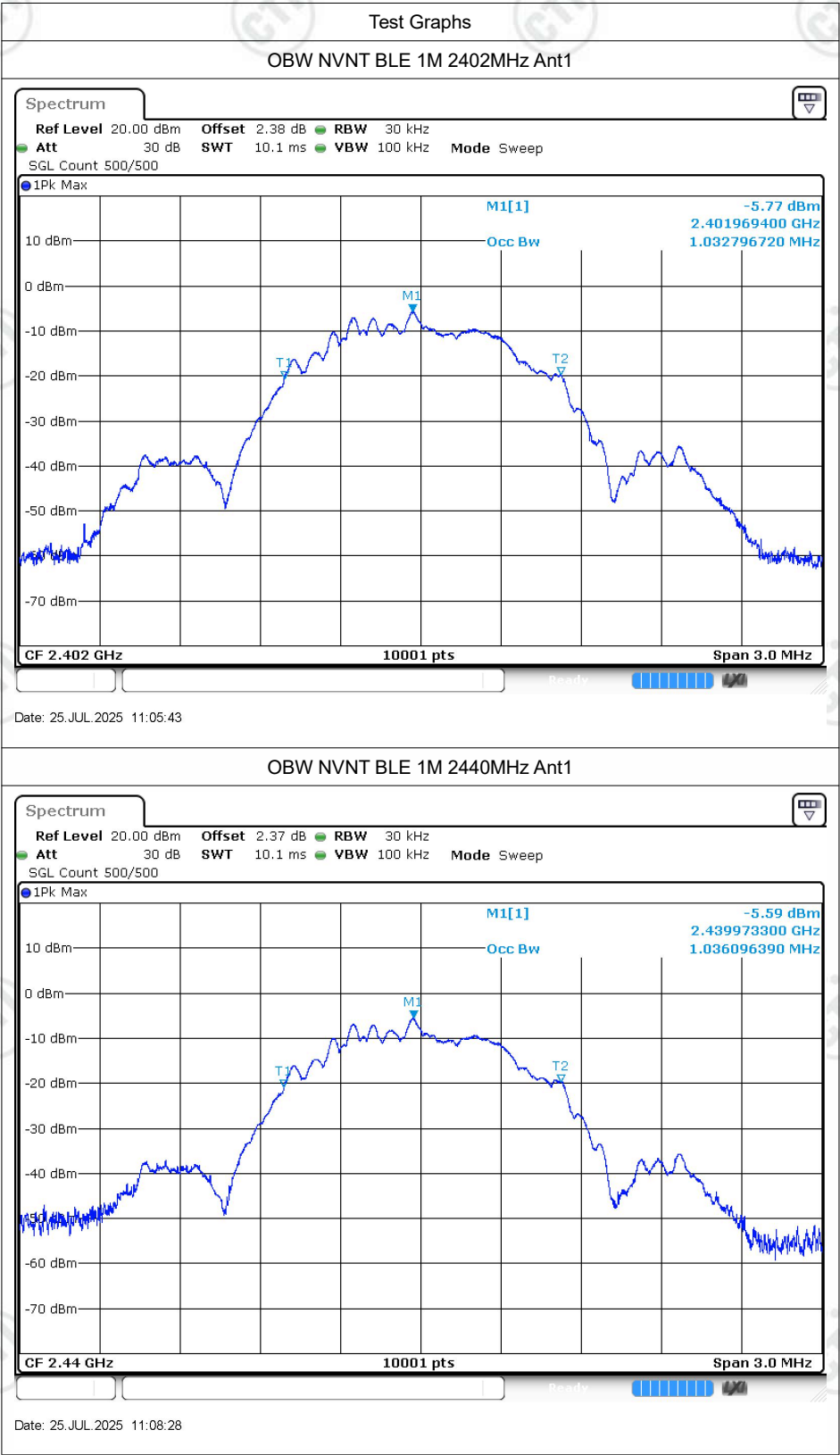
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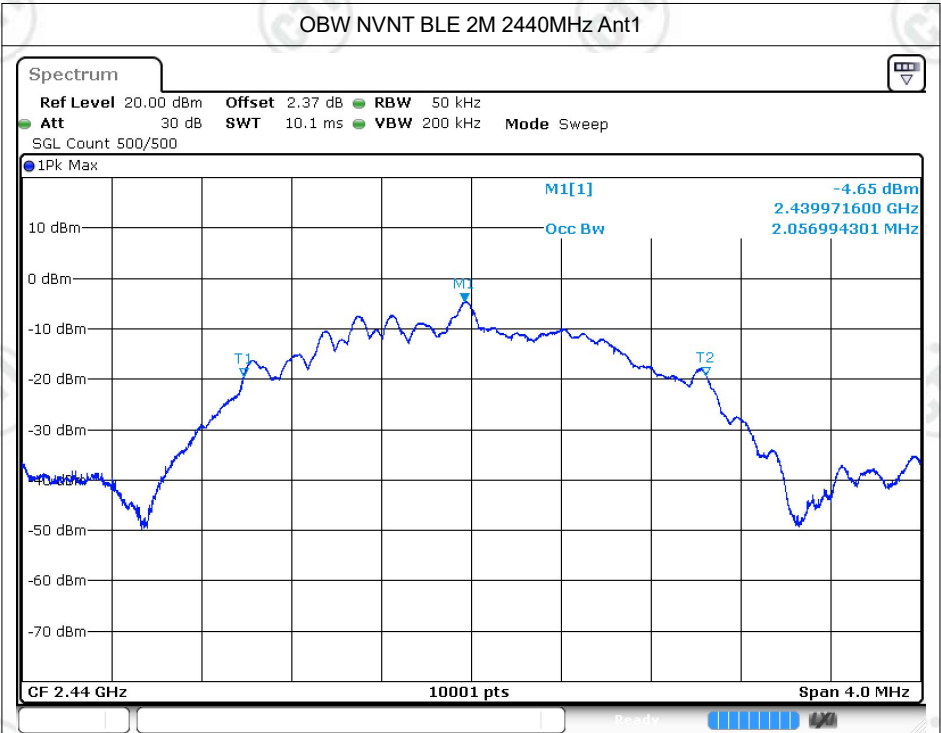
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Occupied Channel Bandwidth

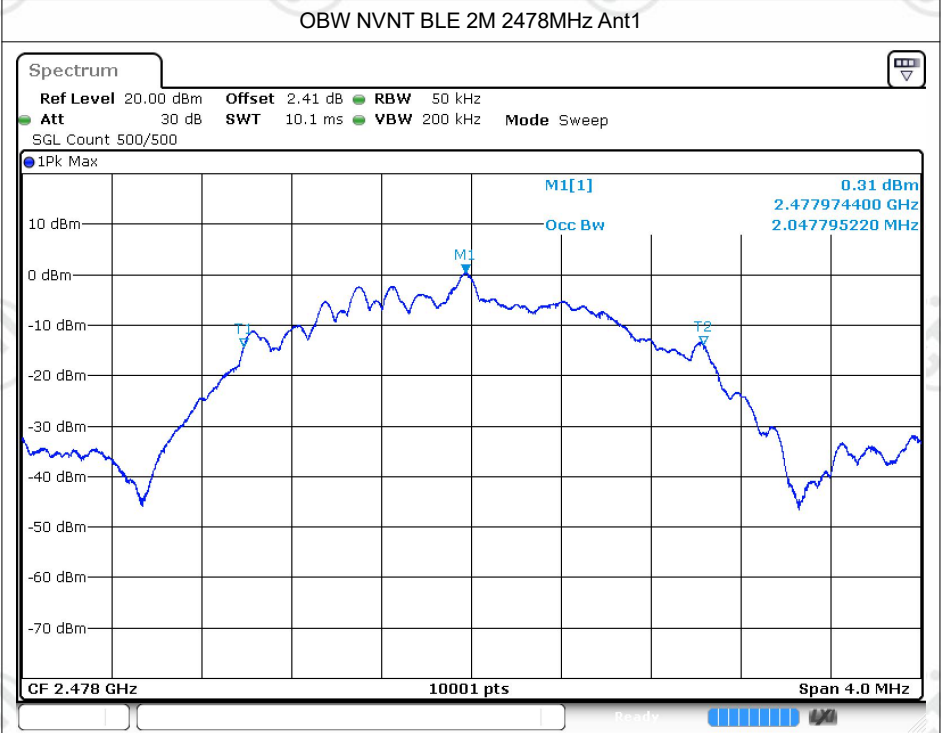
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.033
NVNT	BLE 1M	2440	Ant1	1.036
NVNT	BLE 1M	2480	Ant1	1.033
NVNT	BLE 2M	2404	Ant1	2.056
NVNT	BLE 2M	2440	Ant1	2.057
NVNT	BLE 2M	2478	Ant1	2.048







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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	-16.94	0	-16.94	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.78	0	-16.78	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.38	0	-13.38	8	Pass
NVNT	BLE 2M	2404	Ant1	-19.62	0	-19.62	8	Pass
NVNT	BLE 2M	2440	Ant1	-18.89	0	-18.89	8	Pass
NVNT	BLE 2M	2478	Ant1	-13.76	0	-13.76	8	Pass