

Appendix: Bluetooth LE

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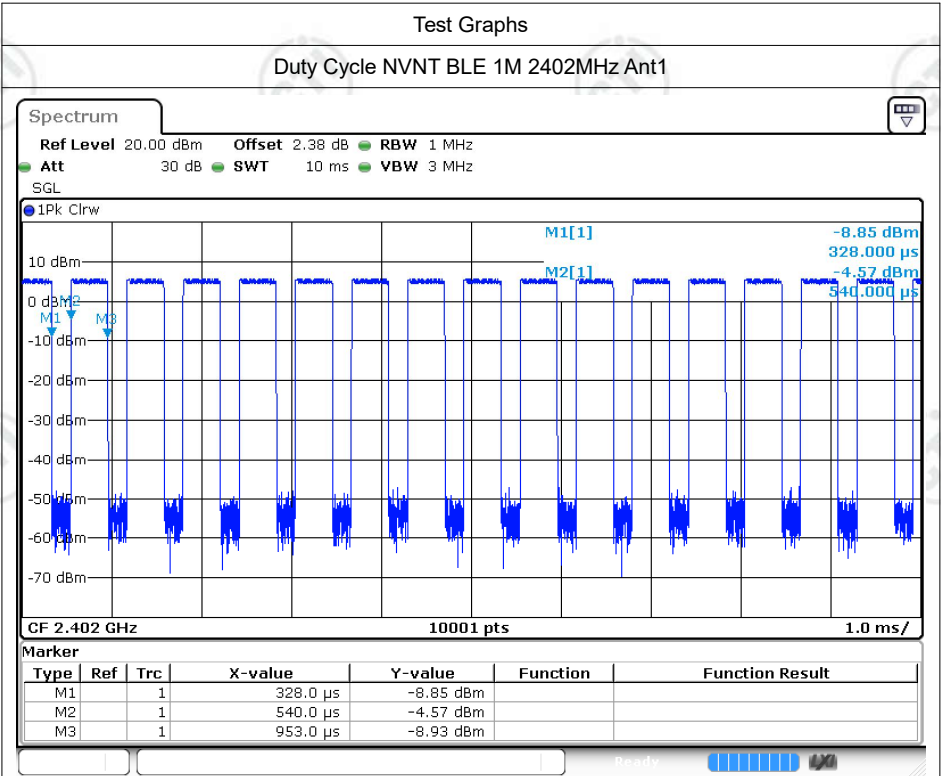
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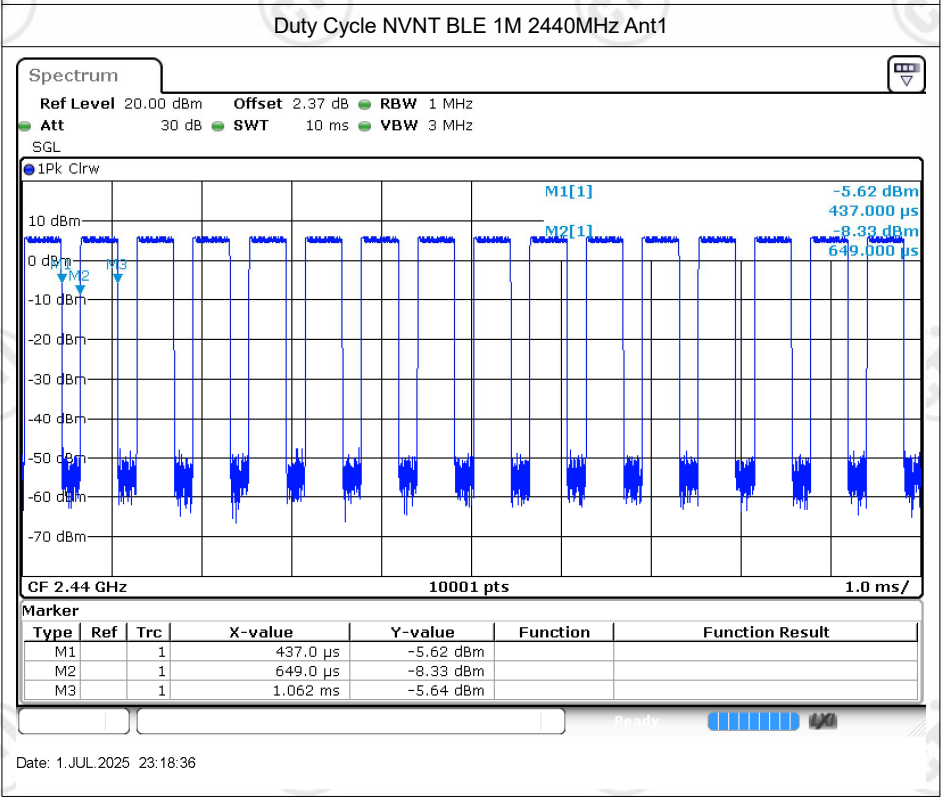
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Duty Cycle

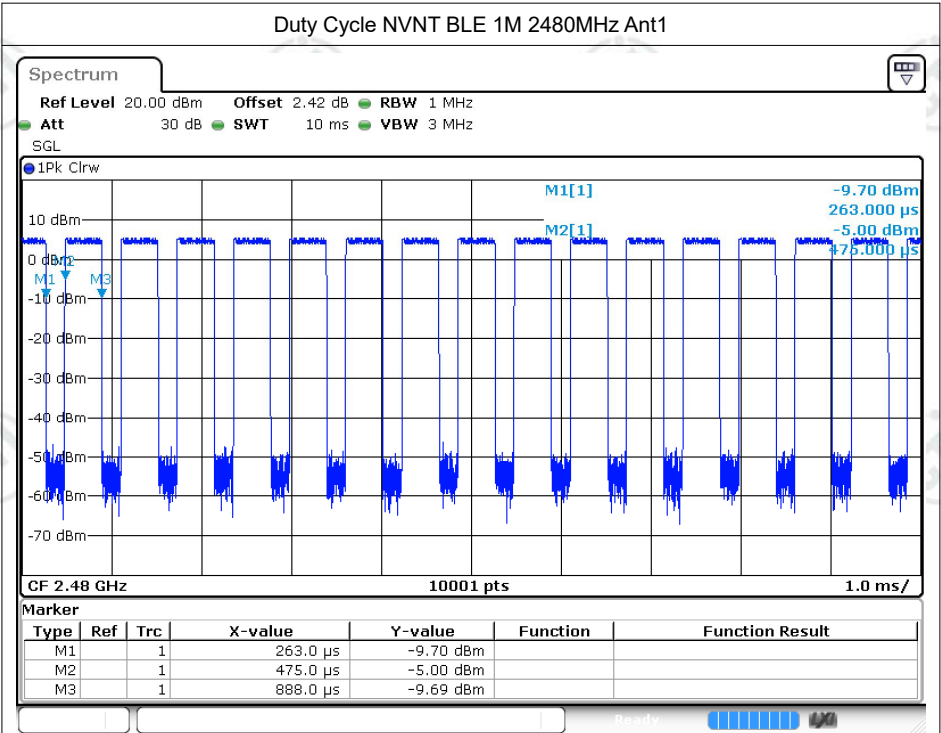
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	66.08	1.8	2.42
NVNT	BLE 1M	2440	Ant1	66.08	1.8	2.42
NVNT	BLE 1M	2480	Ant1	66.08	1.8	2.42
NVNT	BLE 2M	2402	Ant1	37.12	4.3	4.31
NVNT	BLE 2M	2440	Ant1	37.12	4.3	4.31
NVNT	BLE 2M	2480	Ant1	37.12	4.3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



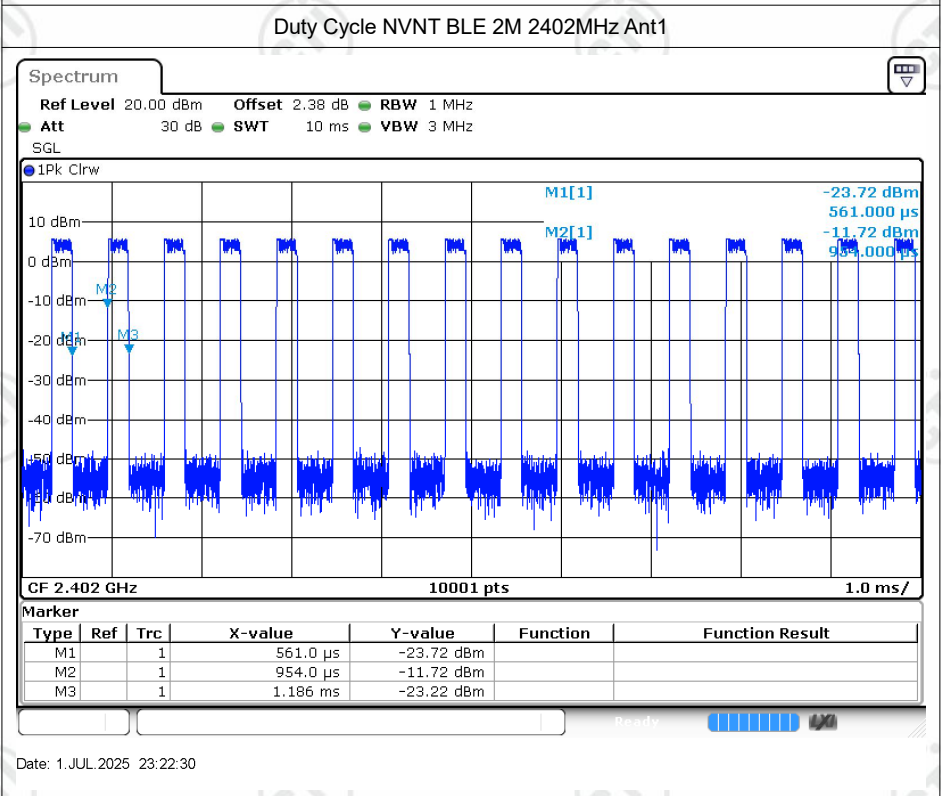
Date: 1.JUL.2025 23:14:13



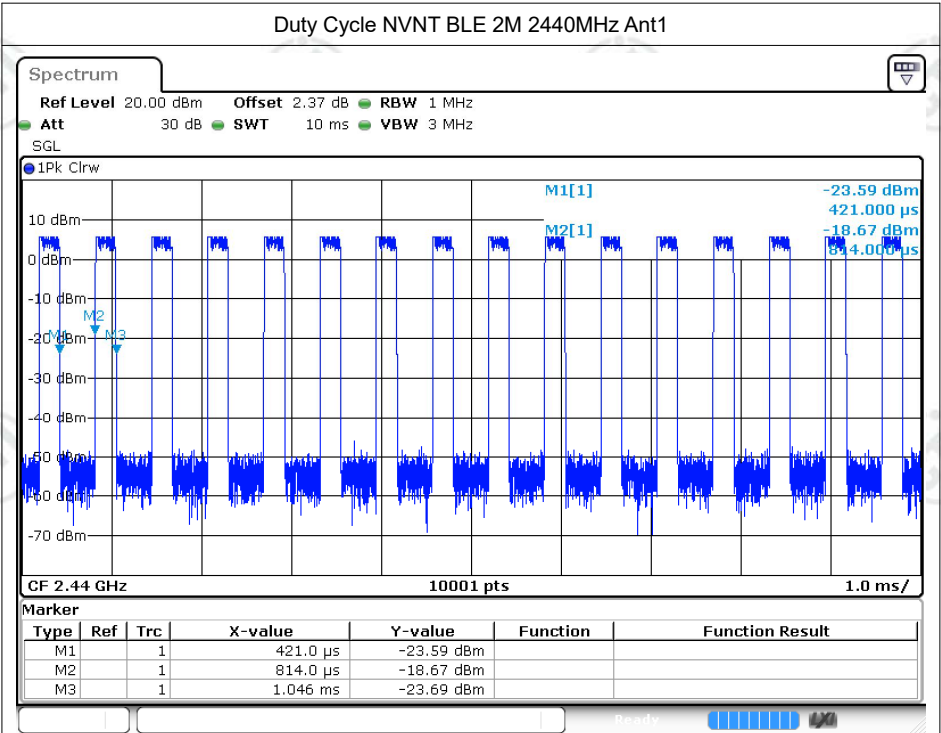
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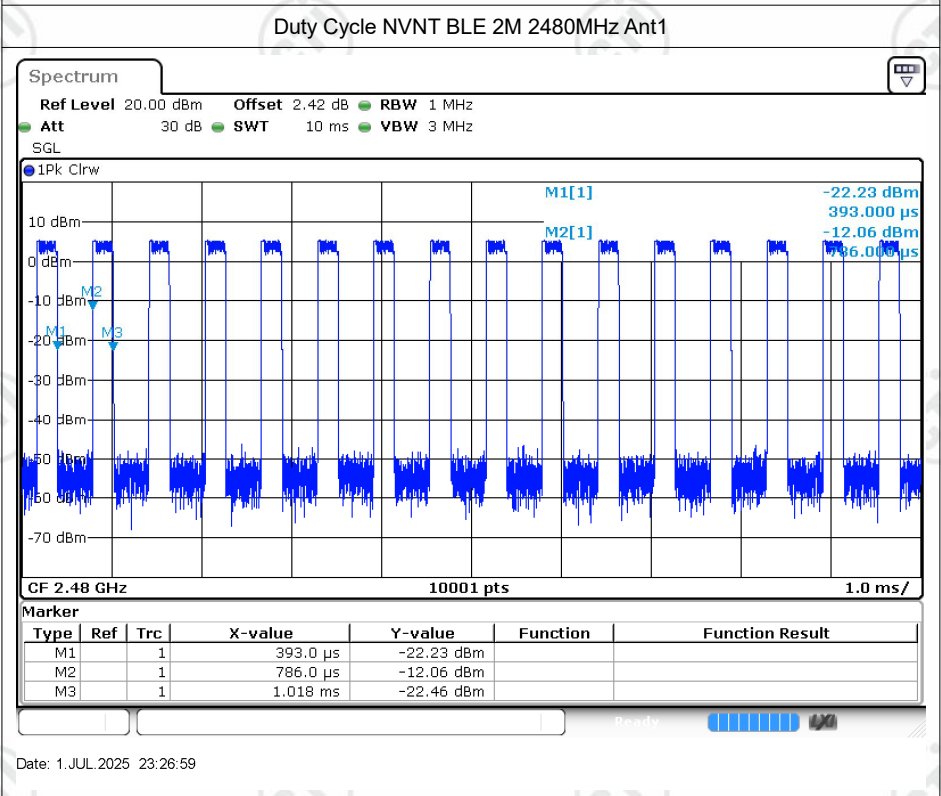
Date: 1.JUL.2025 23:20:14



Date: 1.JUL.2025 23:22:30



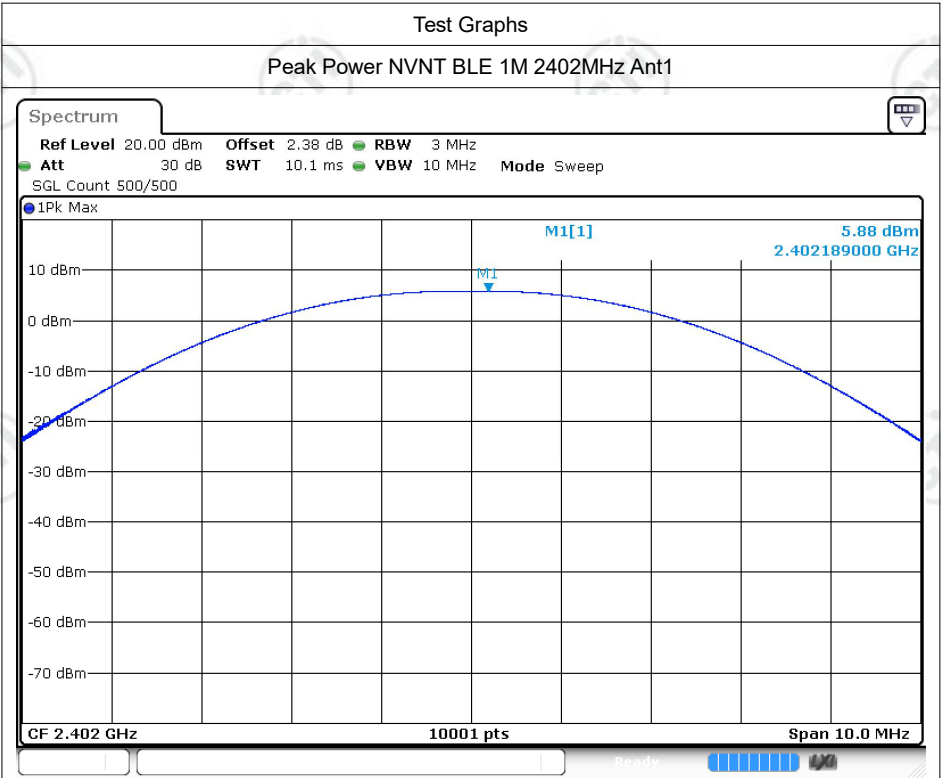
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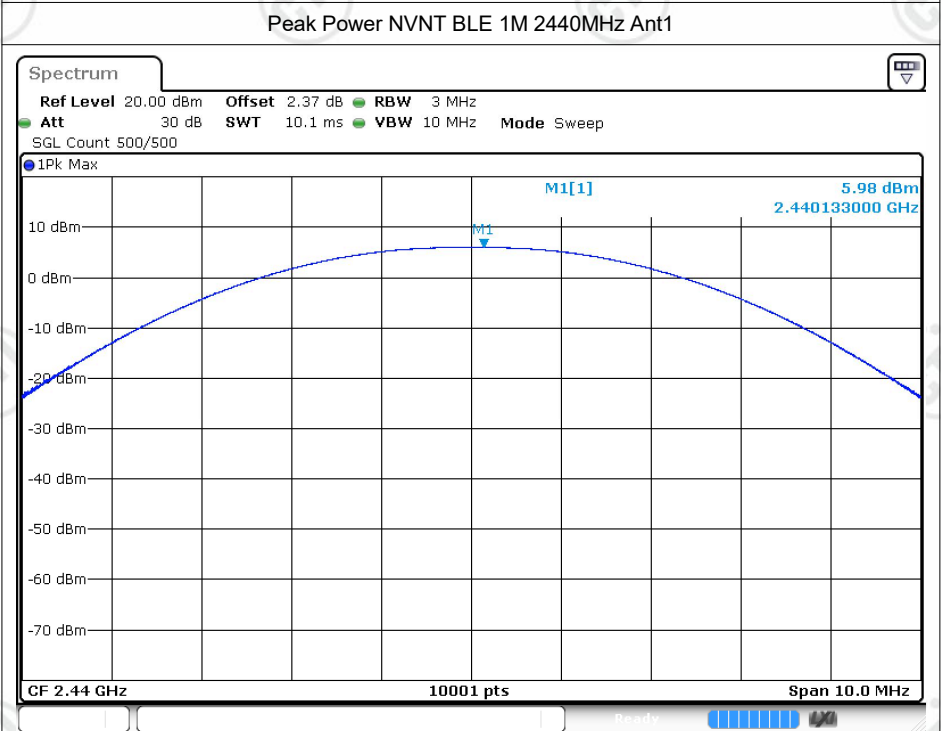
Date: 1.JUL.2025 23:26:59

Maximum Peak Conducted Output Power

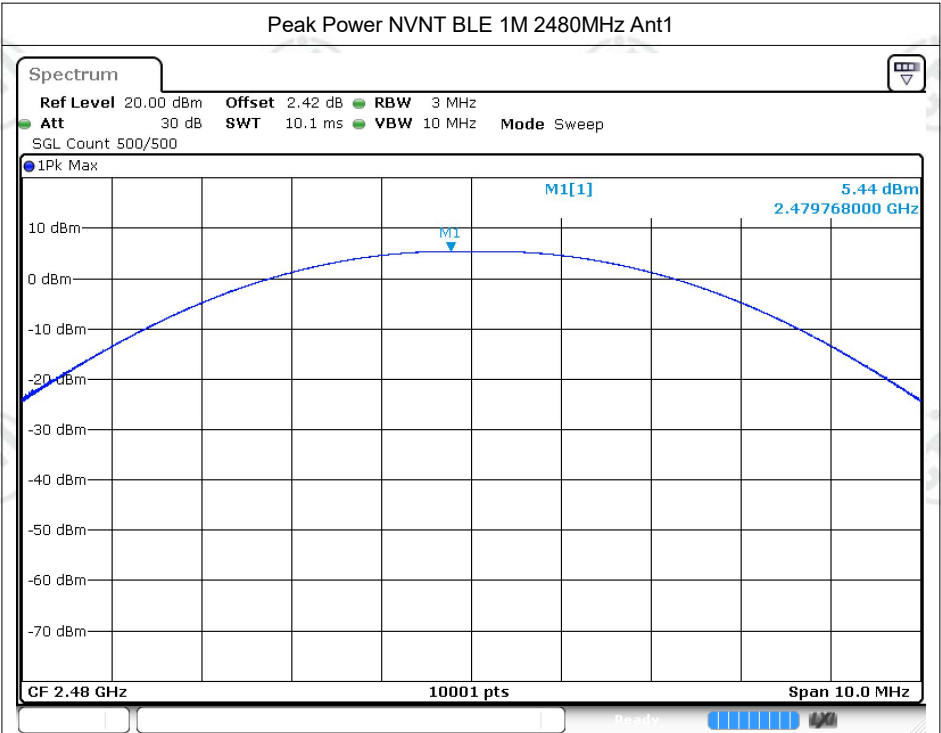
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	5.88	30	Pass
NVNT	BLE 1M	2440	Ant1	5.98	30	Pass
NVNT	BLE 1M	2480	Ant1	5.44	30	Pass
NVNT	BLE 2M	2402	Ant1	5.39	30	Pass
NVNT	BLE 2M	2440	Ant1	5.22	30	Pass
NVNT	BLE 2M	2480	Ant1	5.04	30	Pass



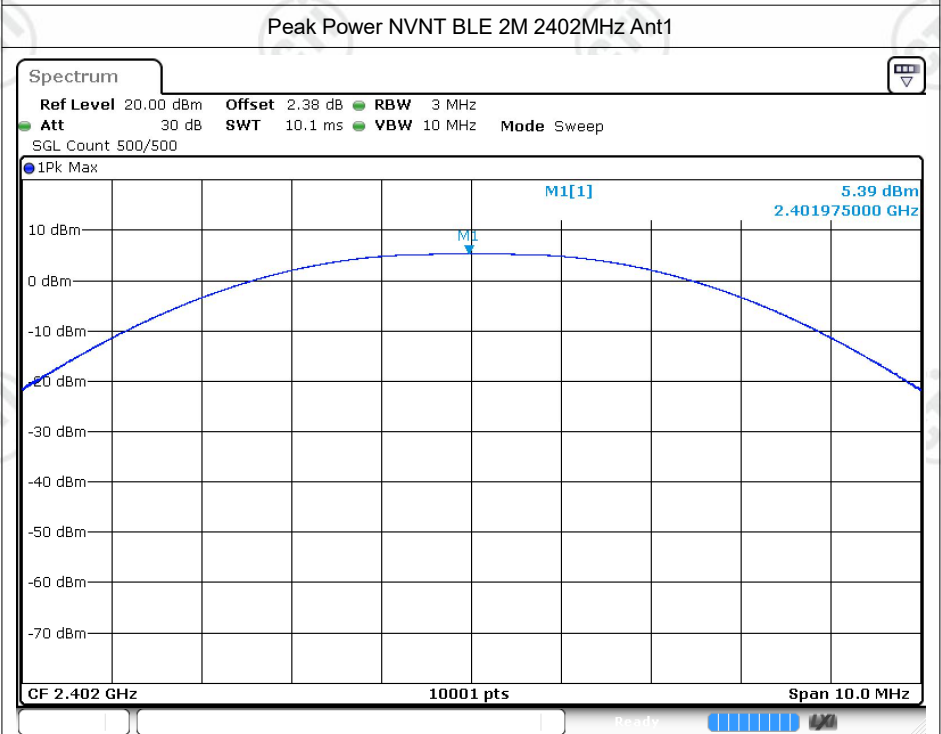
Date: 1.JUL.2025 23:14:23



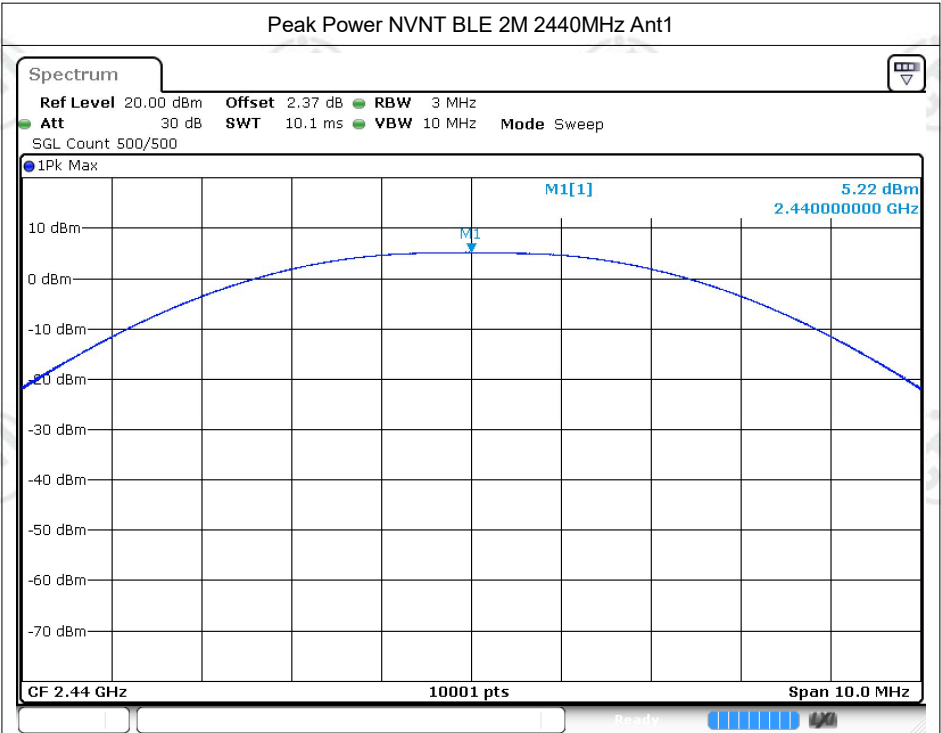
Date: 1.JUL.2025 23:18:46



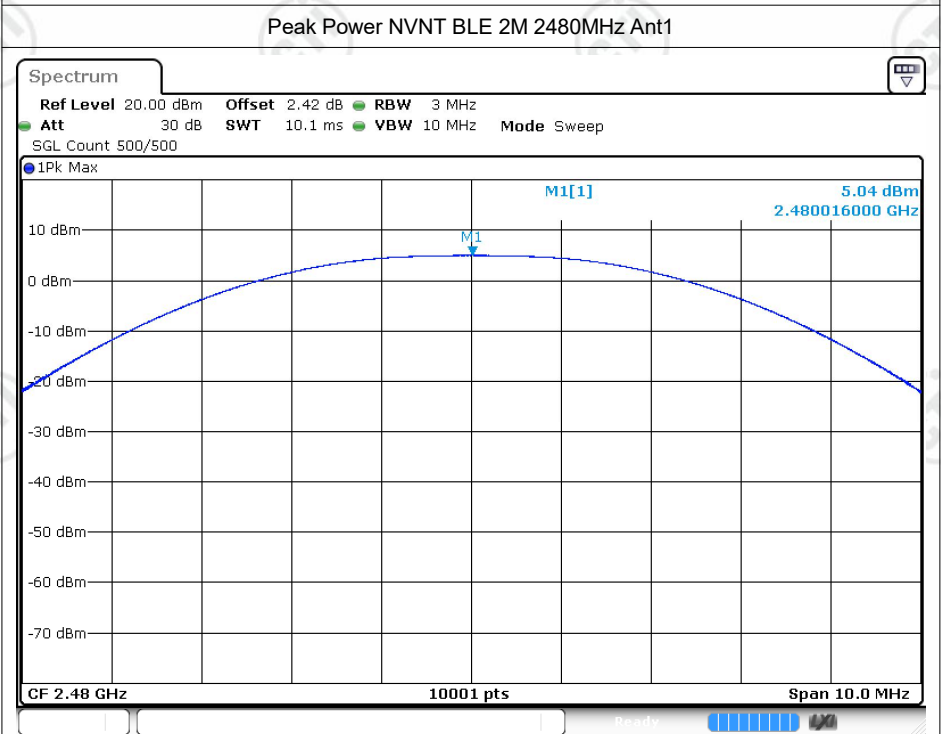
Date: 1.JUL.2025 23:20:24



Date: 16.JUL.2025 21:06:28



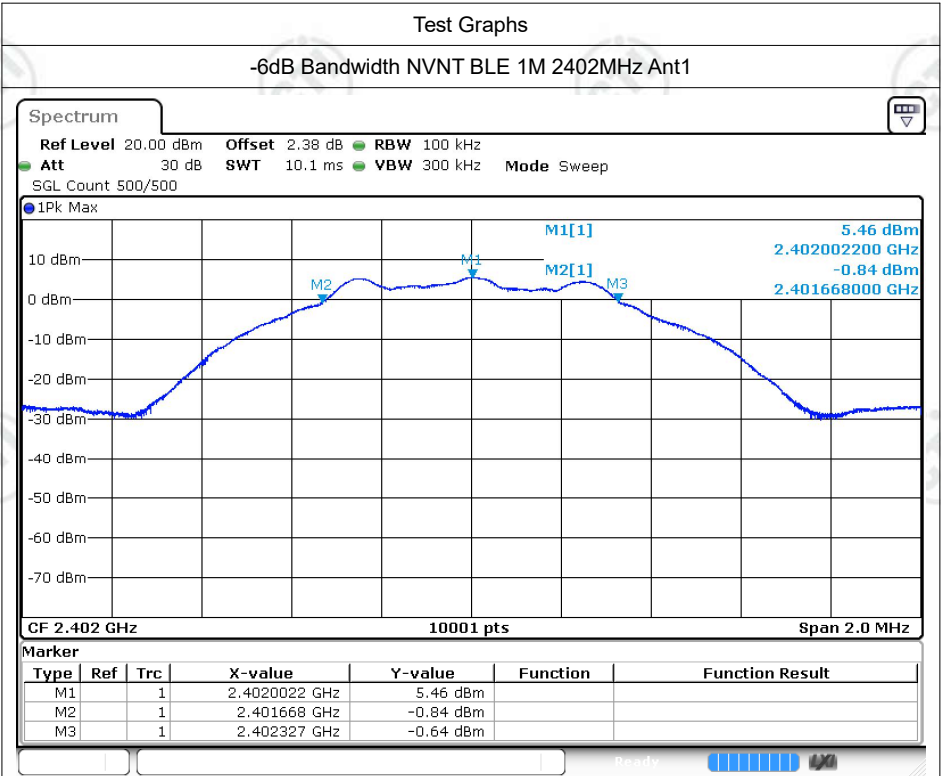
Date: 16.JUL.2025 21:05:45



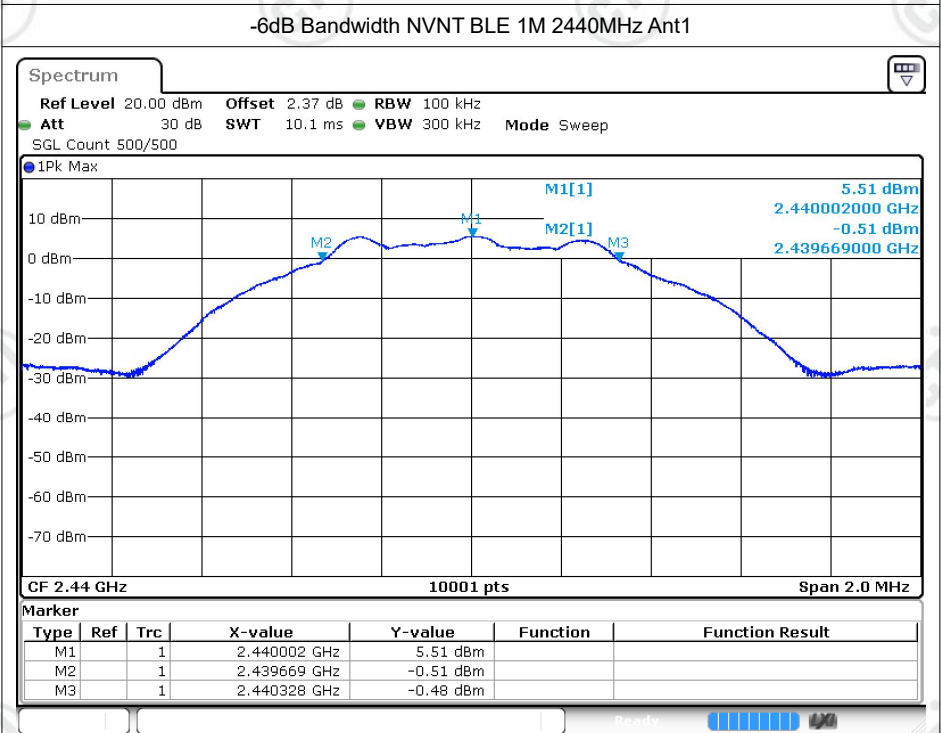
Date: 16.JUL.2025 21:04:31

-6dB Bandwidth

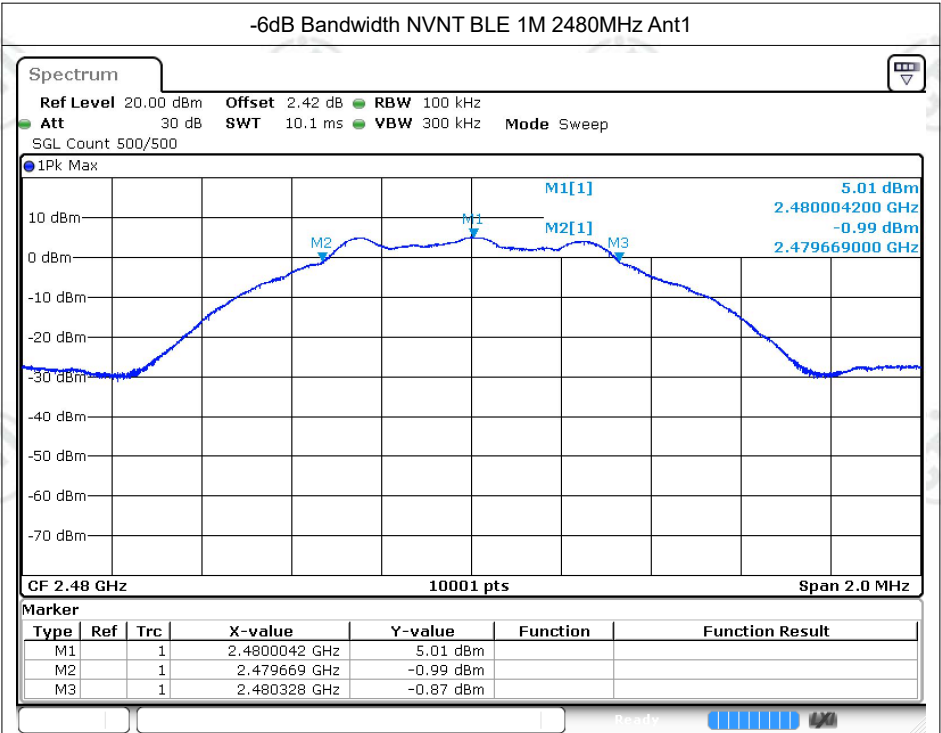
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.658	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.659	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.66	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.134	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.134	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.134	0.5	Pass



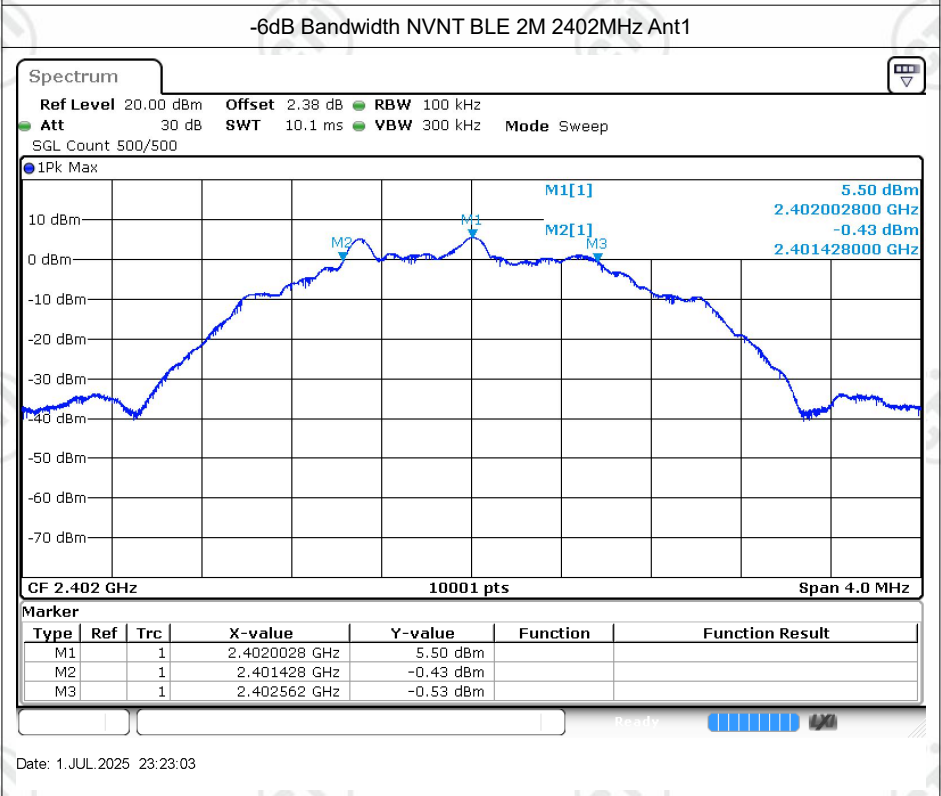
Date: 1.JUL.2025 23:14:45



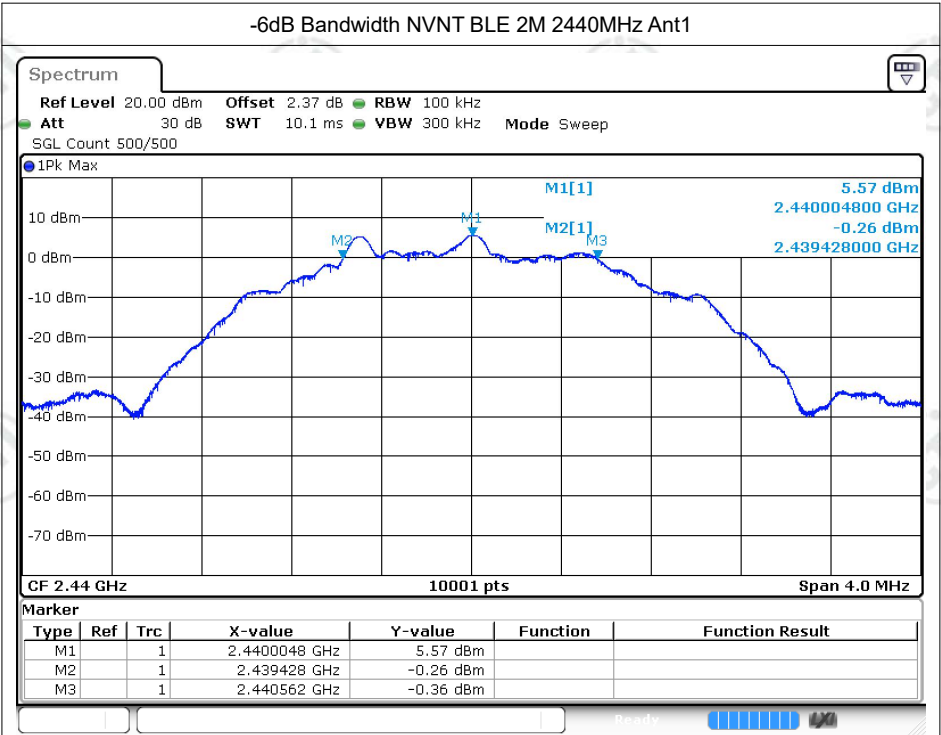
Date: 1.JUL.2025 23:19:09



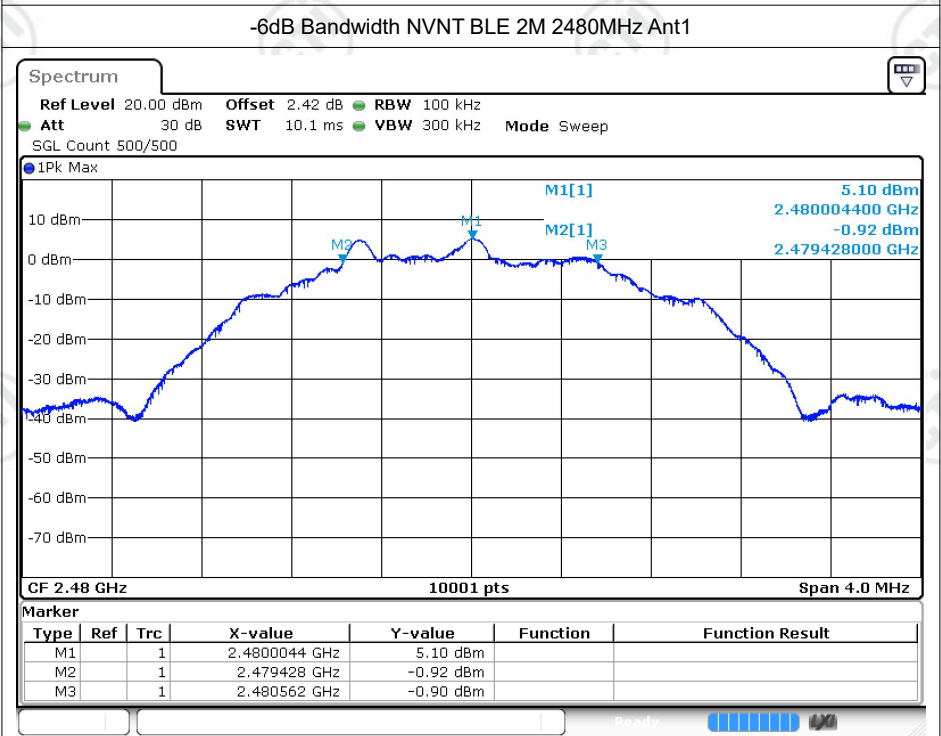
Date: 1.JUL.2025 23:20:46



Date: 1.JUL.2025 23:23:03



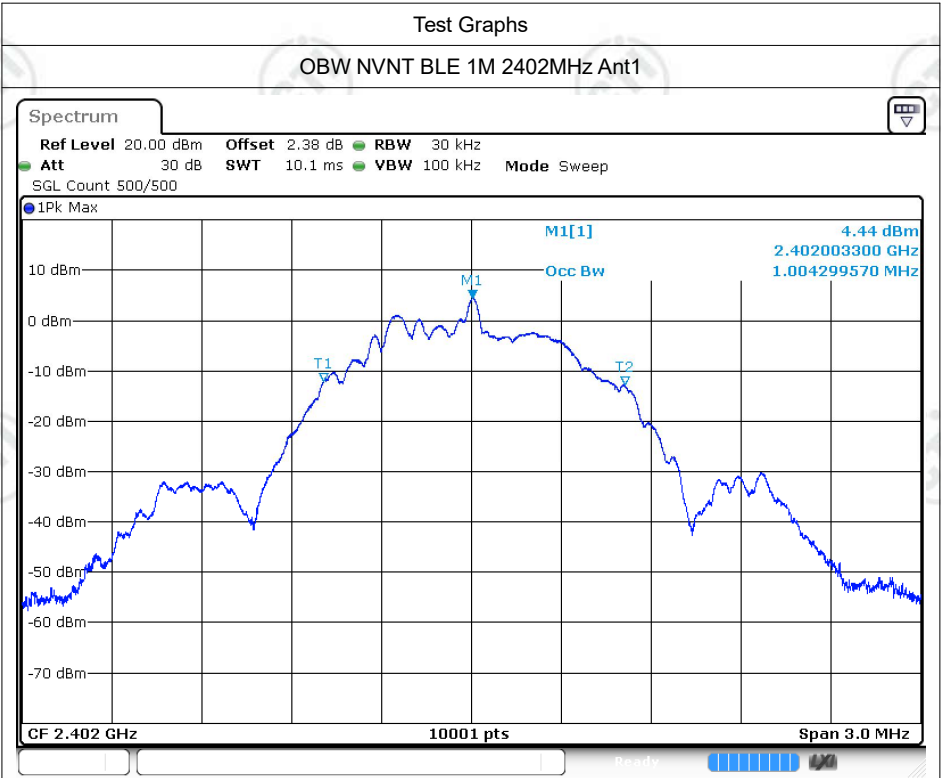
Date: 1.JUL.2025 23:25:50



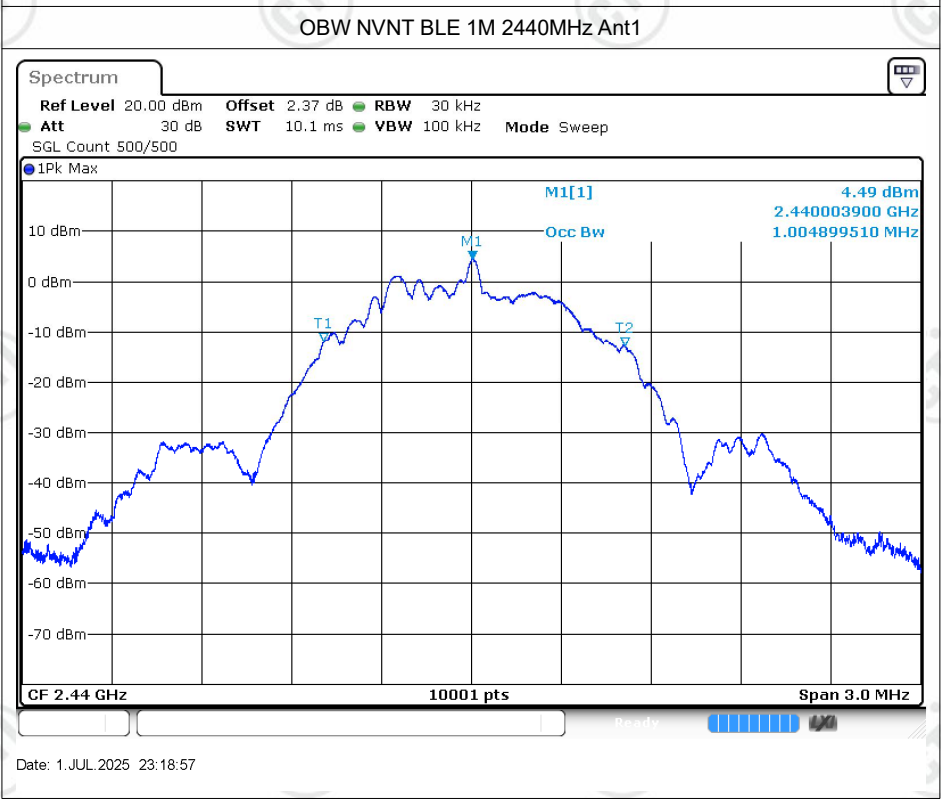
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Occupied Channel Bandwidth

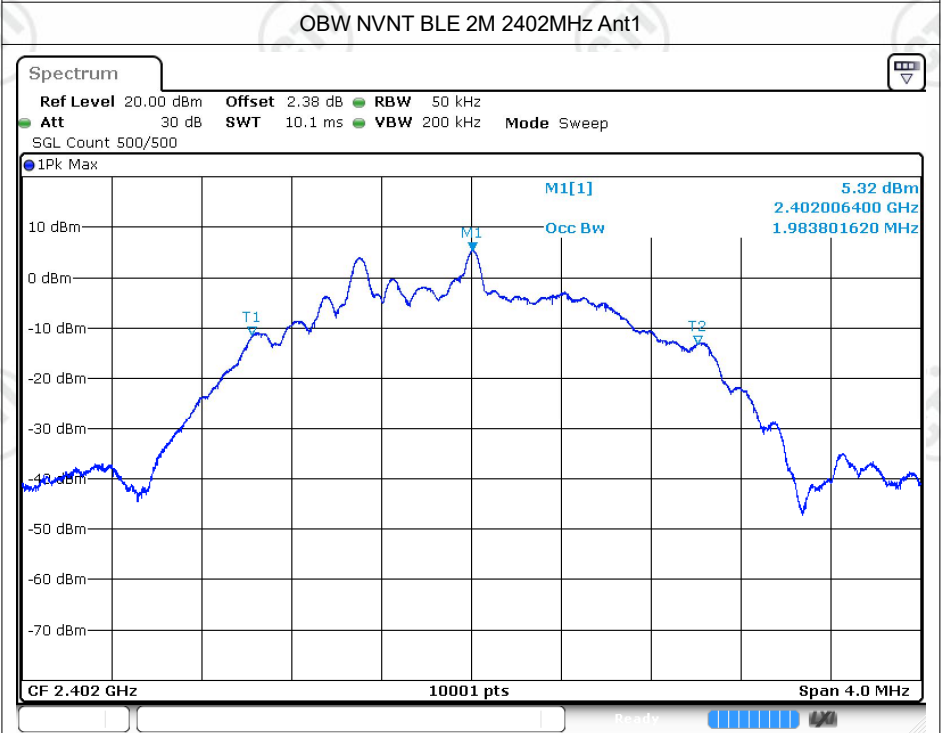
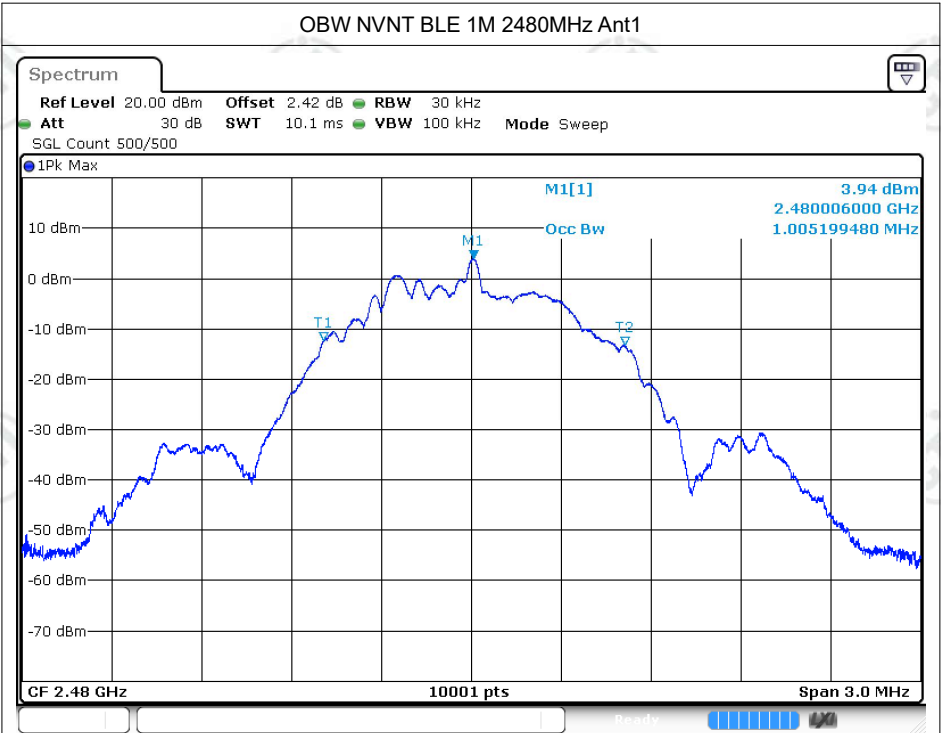
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.004
NVNT	BLE 1M	2440	Ant1	1.005
NVNT	BLE 1M	2480	Ant1	1.005
NVNT	BLE 2M	2402	Ant1	1.984
NVNT	BLE 2M	2440	Ant1	1.984
NVNT	BLE 2M	2480	Ant1	1.985

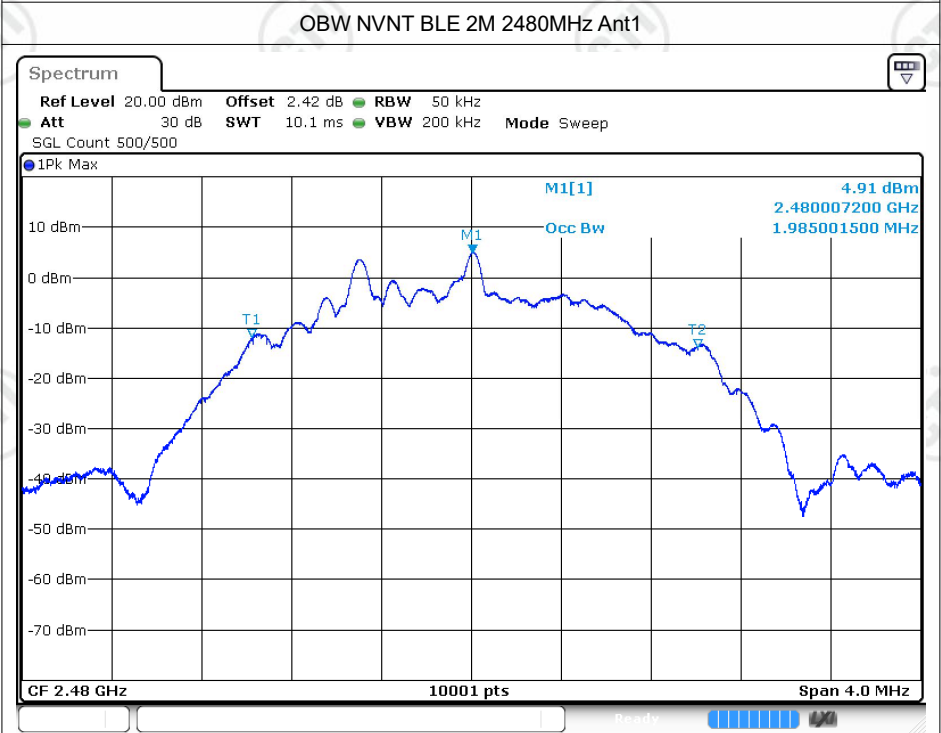
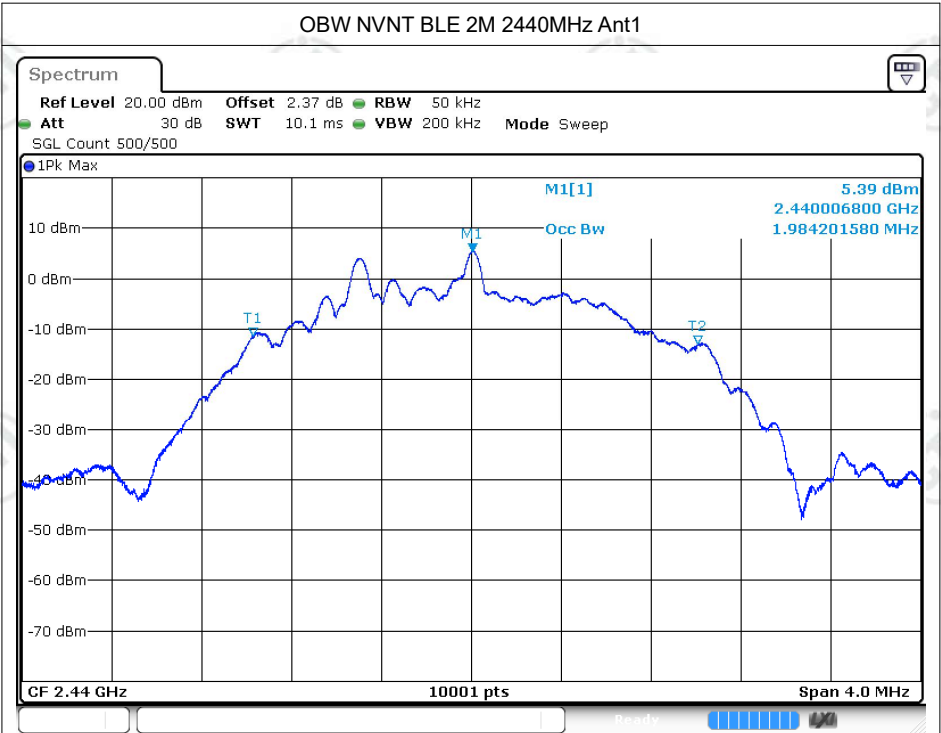


Date: 1.JUL.2025 23:14:34



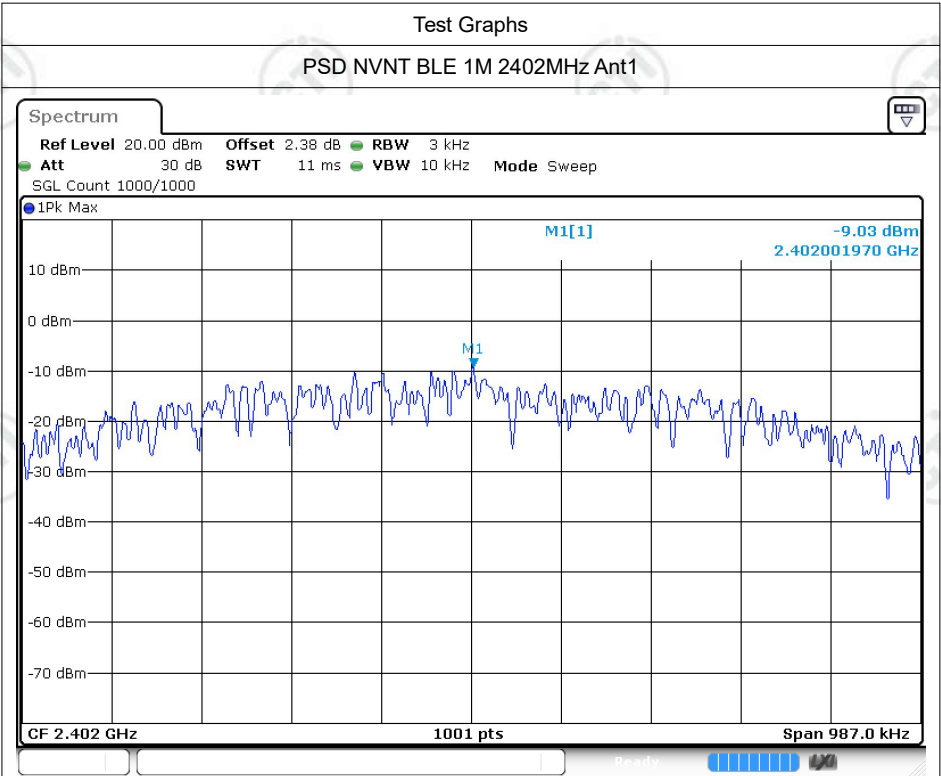
Date: 1.JUL.2025 23:18:57



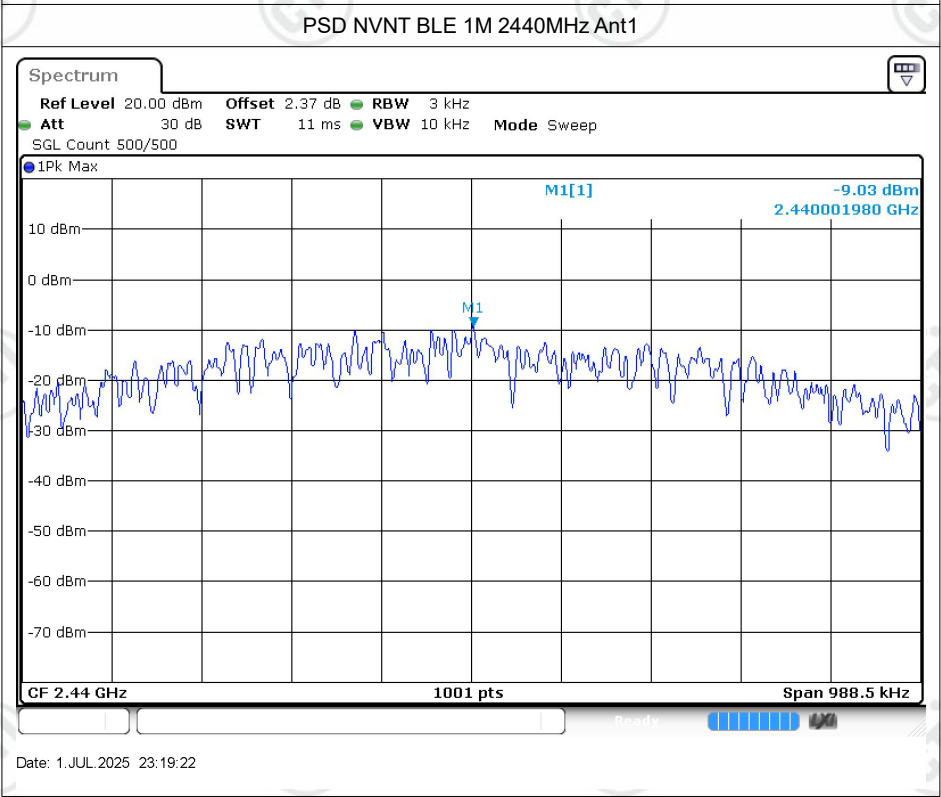


Maximum Power Spectral Density Level

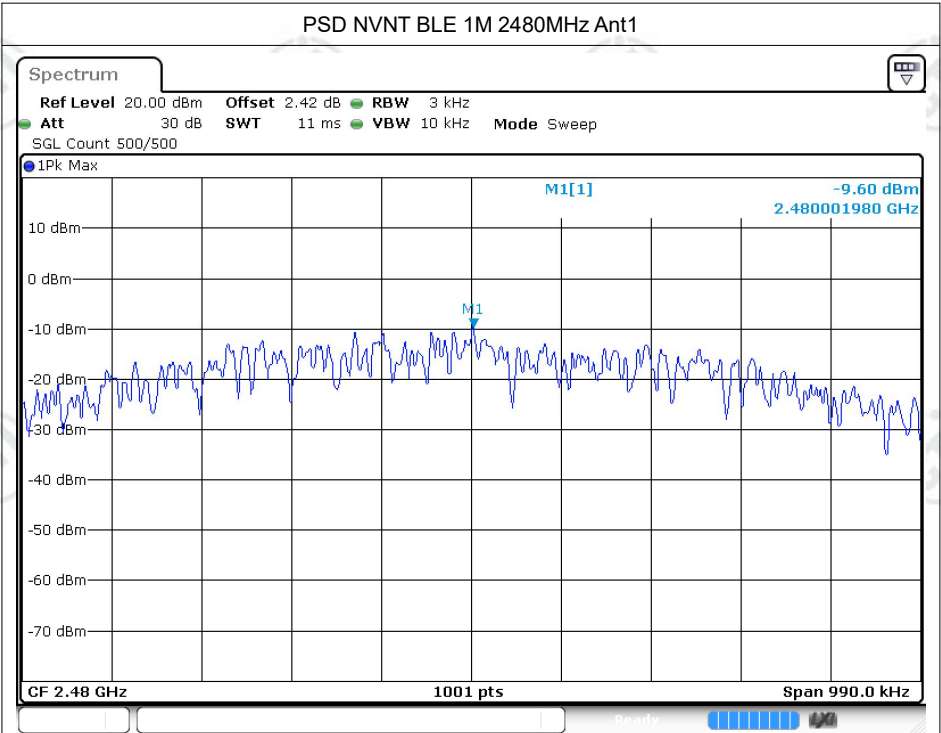
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-9.03	8	Pass
NVNT	BLE 1M	2440	Ant1	-9.03	8	Pass
NVNT	BLE 1M	2480	Ant1	-9.6	8	Pass
NVNT	BLE 2M	2402	Ant1	-10.61	8	Pass
NVNT	BLE 2M	2440	Ant1	-10.89	8	Pass
NVNT	BLE 2M	2480	Ant1	-11.13	8	Pass



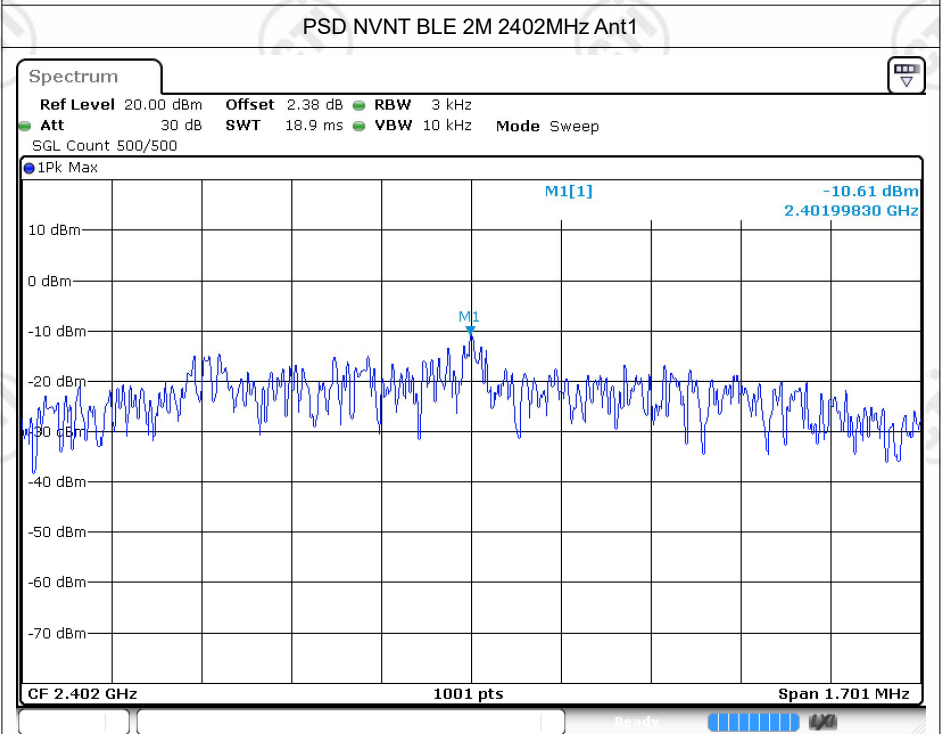
Date: 1.JUL.2025 23:15:09



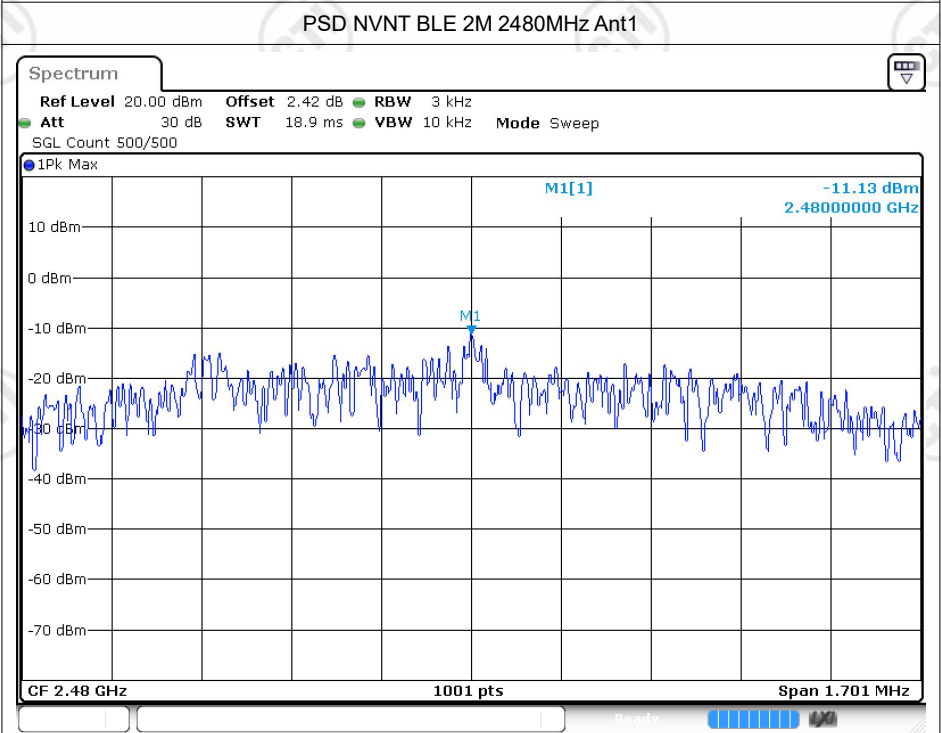
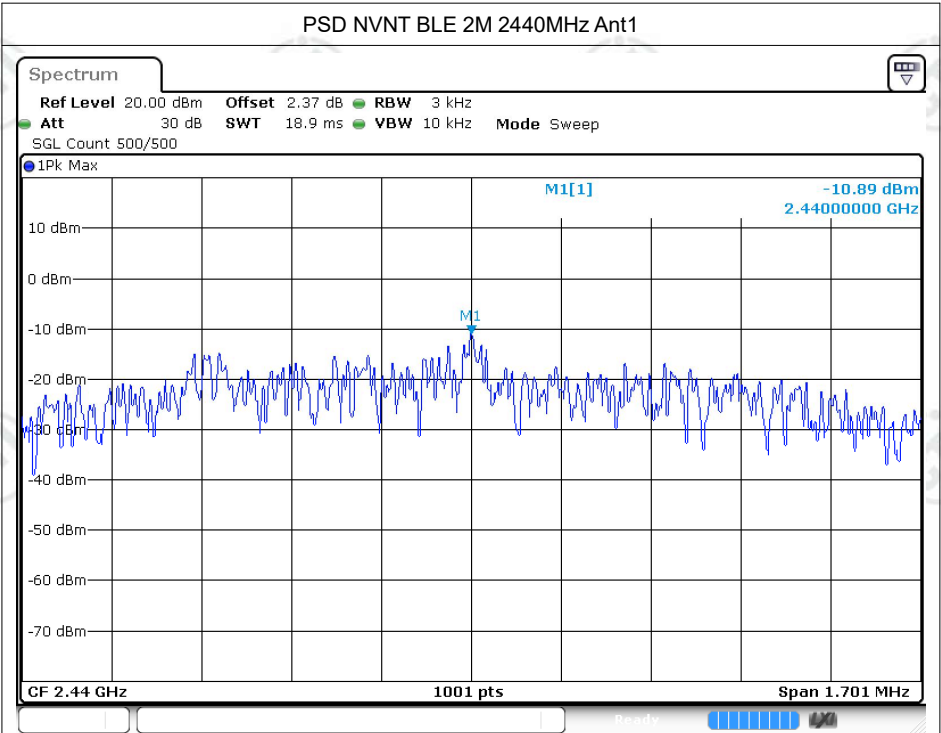
Date: 1.JUL.2025 23:19:22



Date: 1.JUL.2025 23:21:00

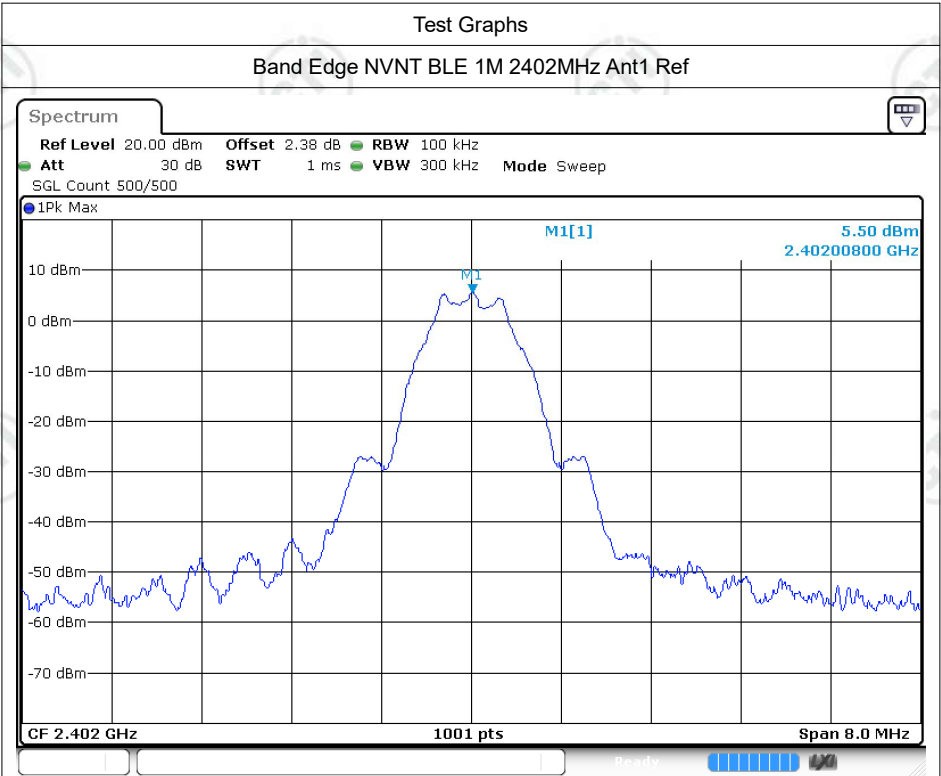


Date: 16.JUL.2025 21:06:51

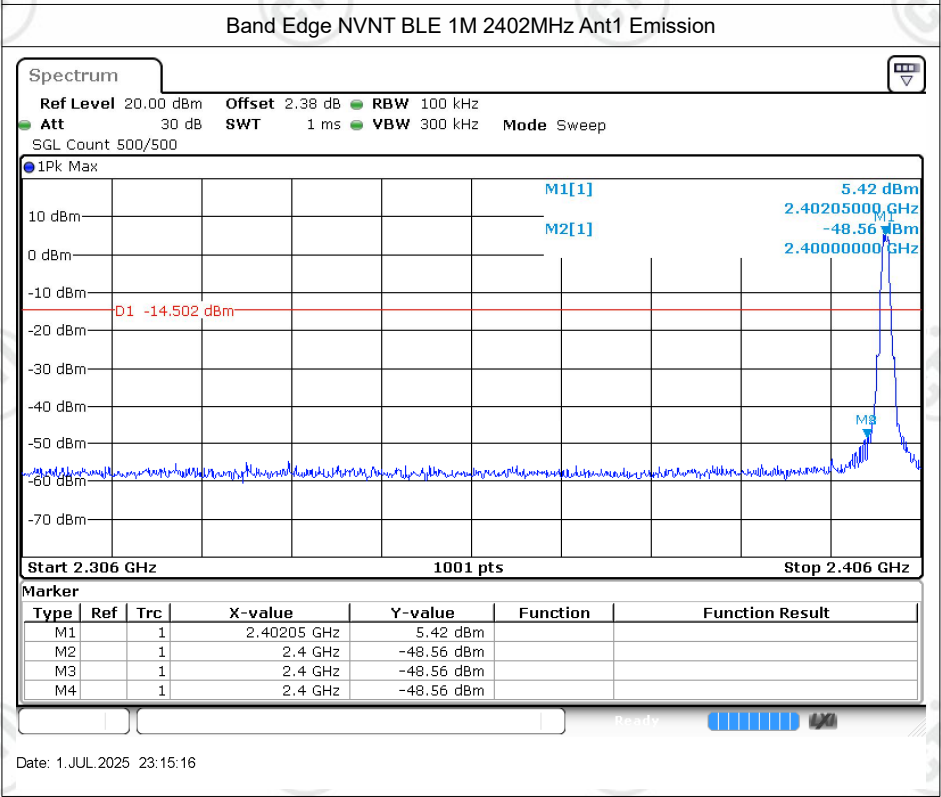


Band Edge

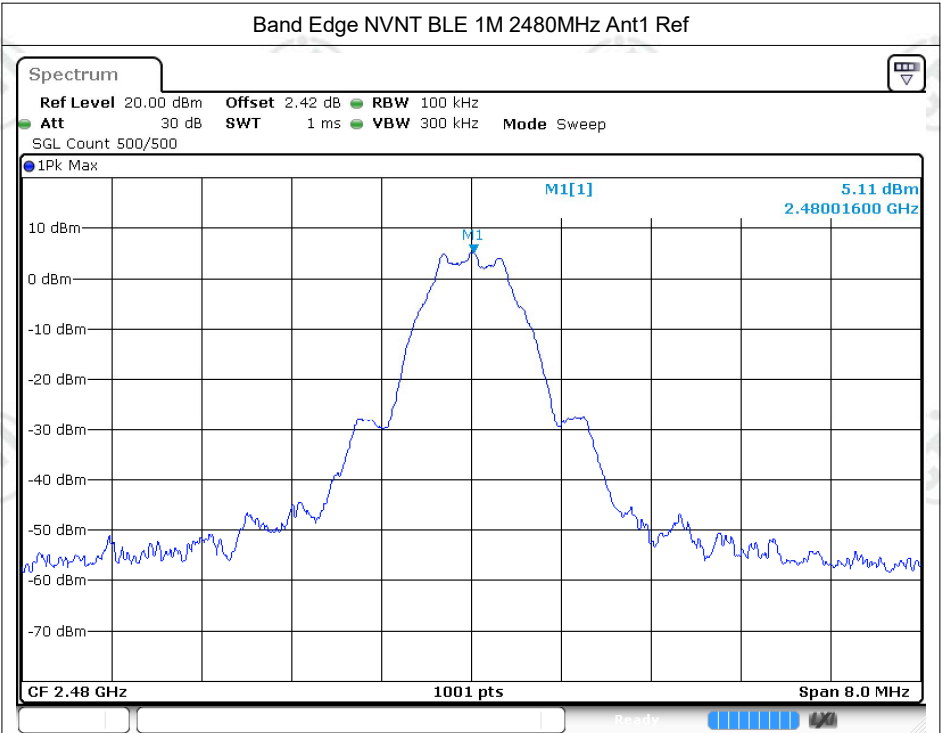
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-54.05	-20	Pass
NVNT	BLE 1M	2480	Ant1	-59.57	-20	Pass
NVNT	BLE 2M	2402	Ant1	-47.36	-20	Pass
NVNT	BLE 2M	2480	Ant1	-58.77	-20	Pass



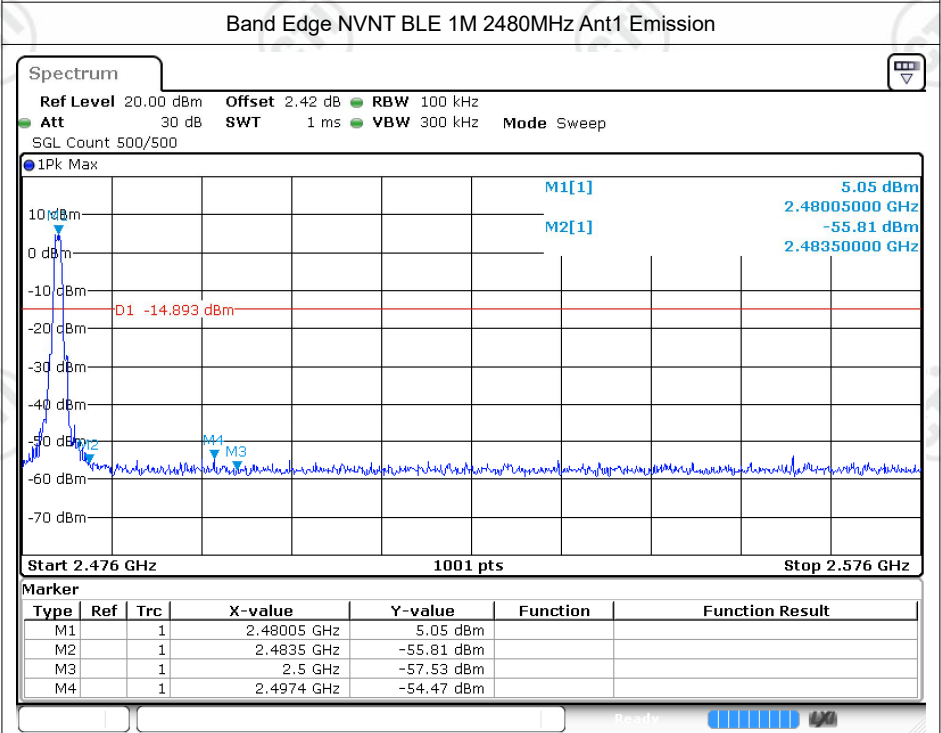
Date: 1.JUL.2025 23:15:13



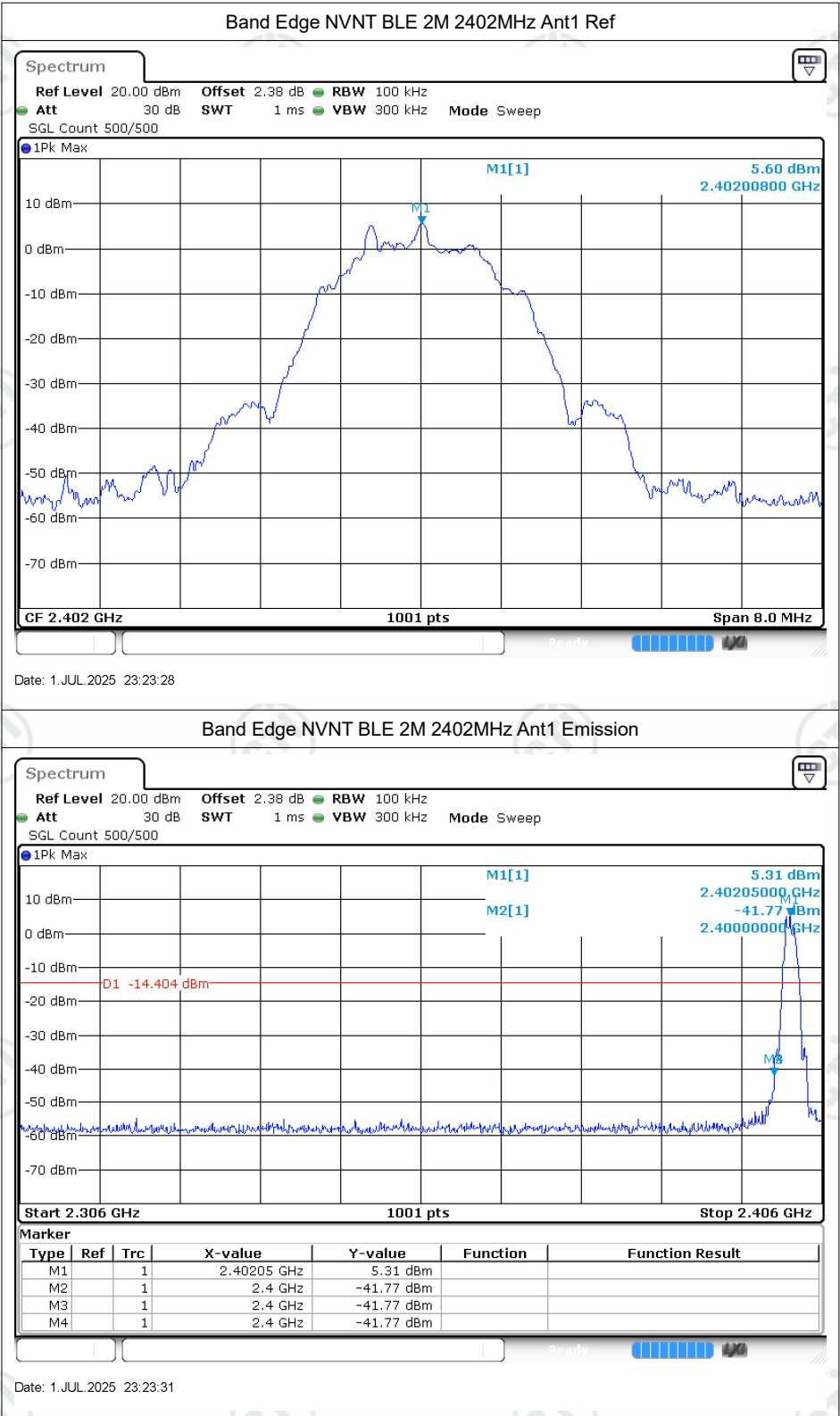
Date: 1.JUL.2025 23:15:16

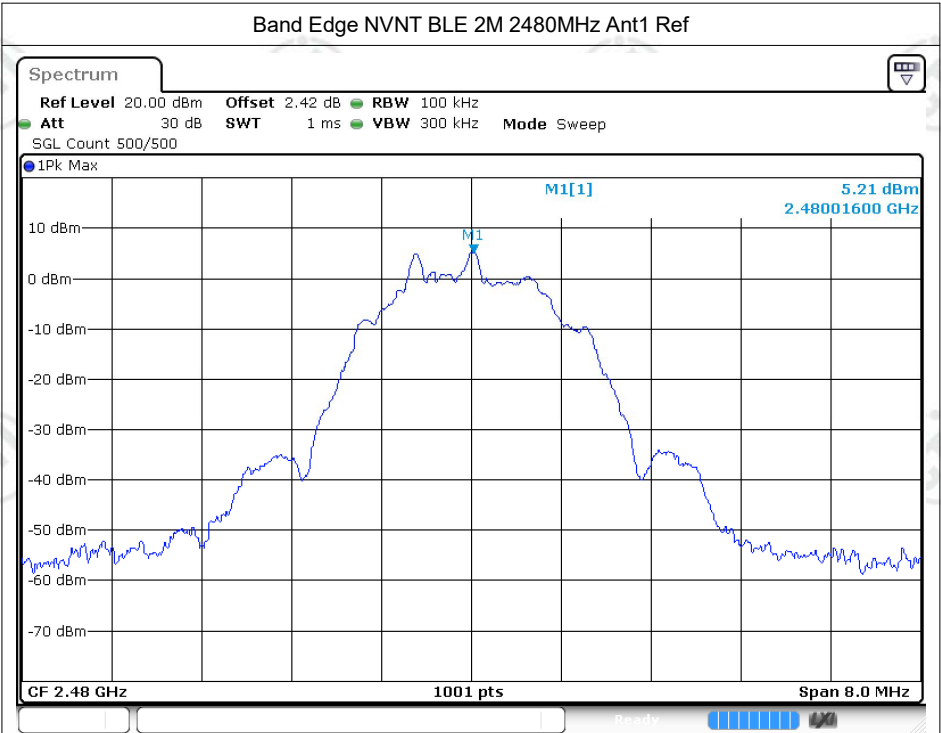


Date: 1.JUL.2025 23:21:03

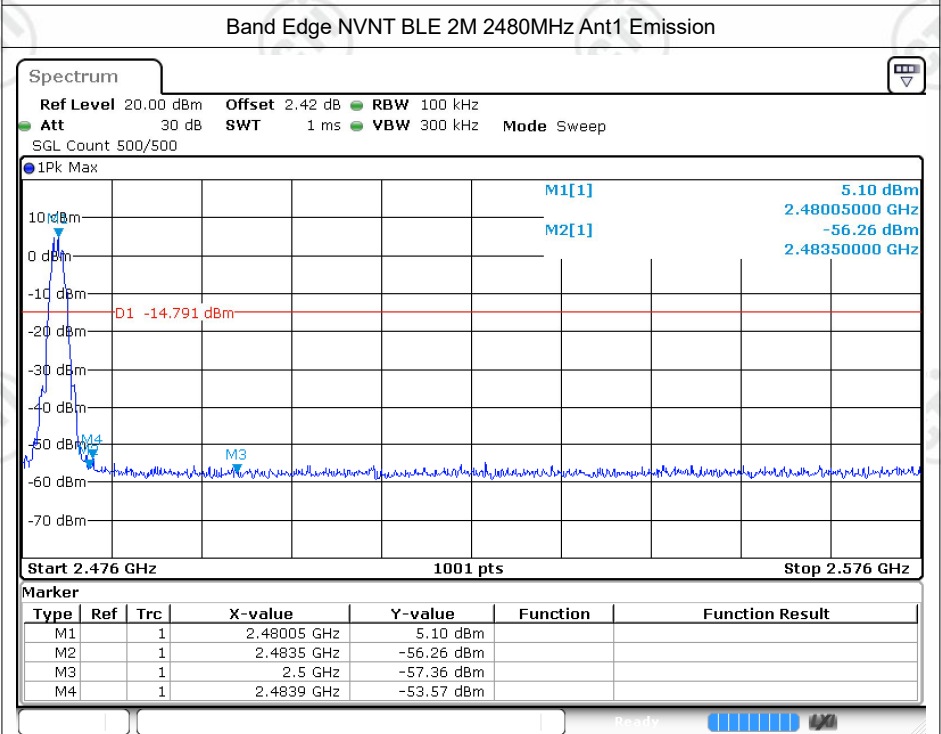


Date: 1.JUL.2025 23:21:05





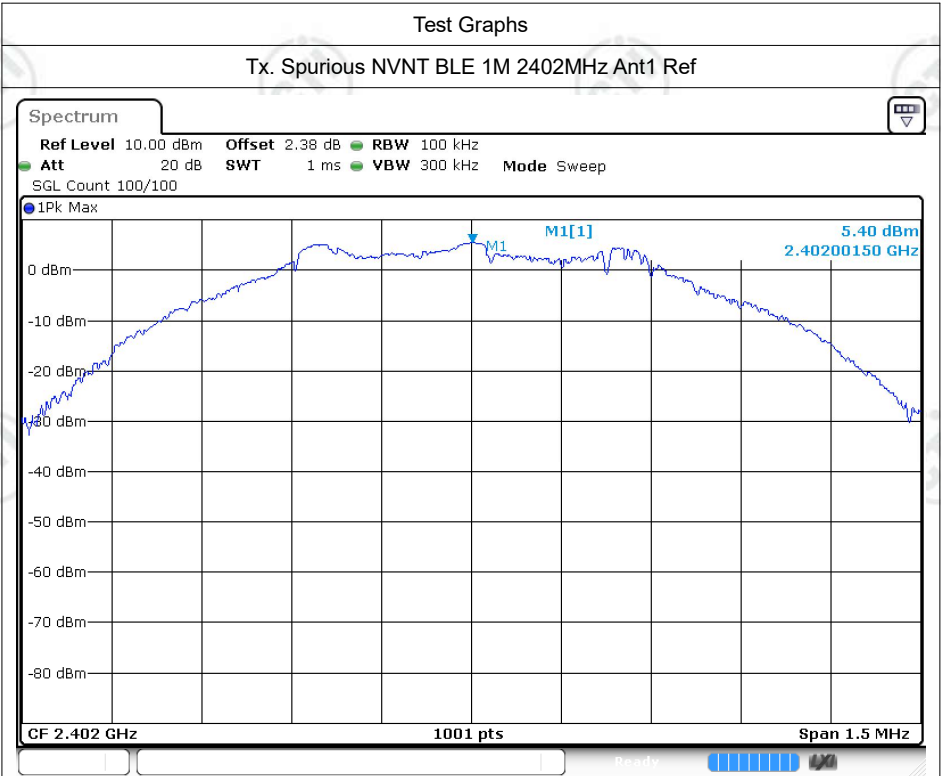
Date: 1.JUL.2025 23:27:57



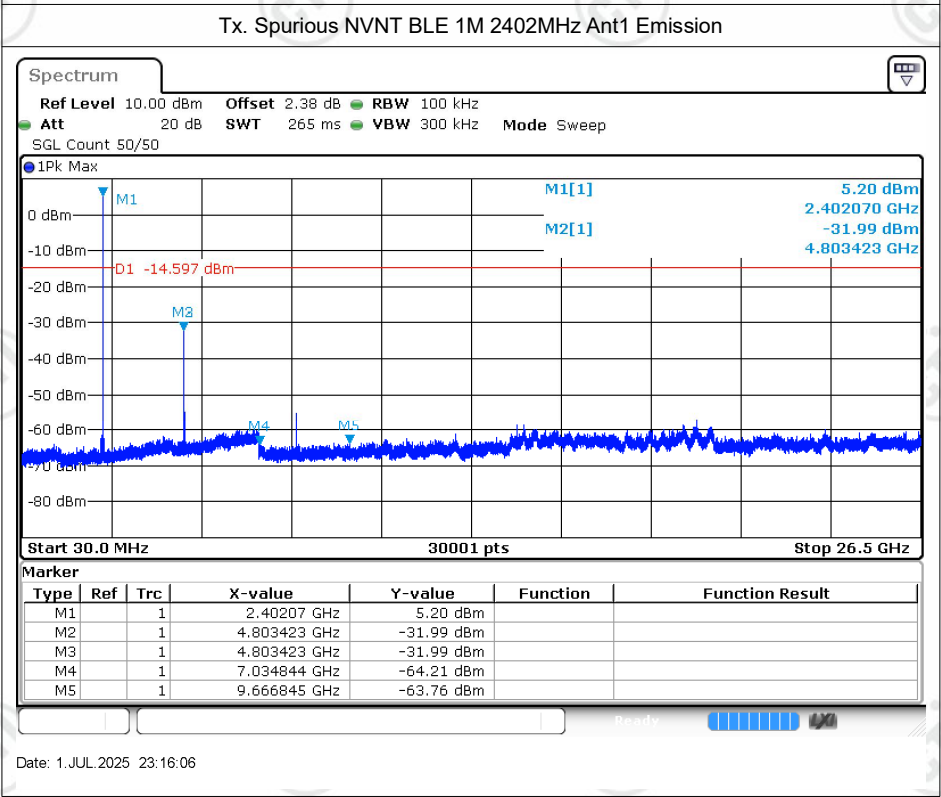
Date: 1.JUL.2025 23:27:59

Conducted RF Spurious Emission

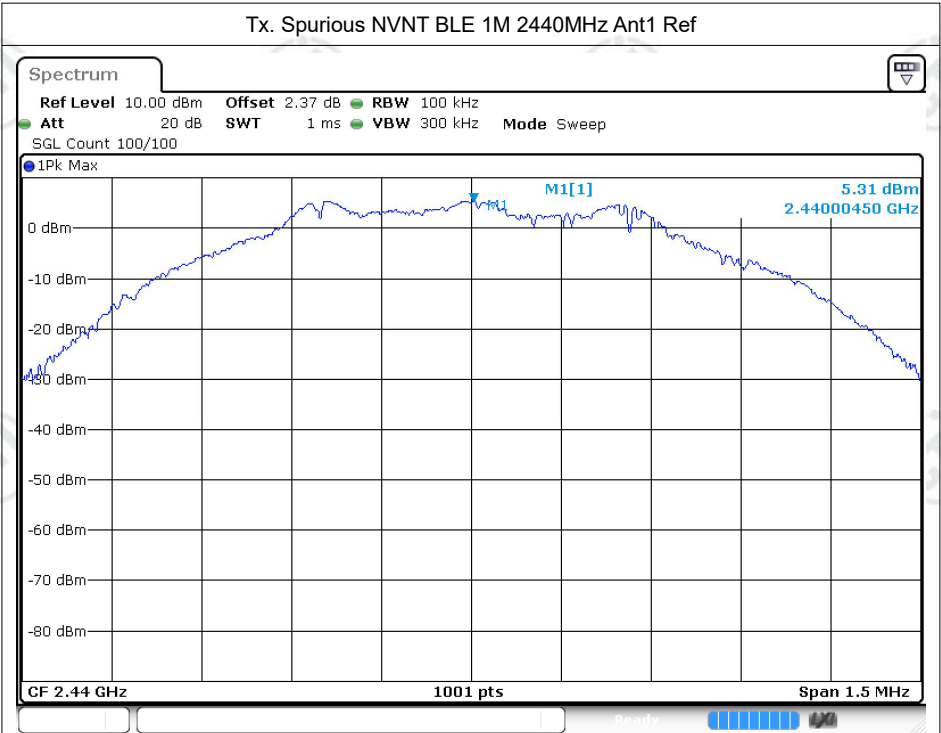
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-37.38	-20	Pass
NVNT	BLE 1M	2440	Ant1	-37.43	-20	Pass
NVNT	BLE 1M	2480	Ant1	-37.43	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.91	-20	Pass
NVNT	BLE 2M	2440	Ant1	-38.02	-20	Pass
NVNT	BLE 2M	2480	Ant1	-37.66	-20	Pass



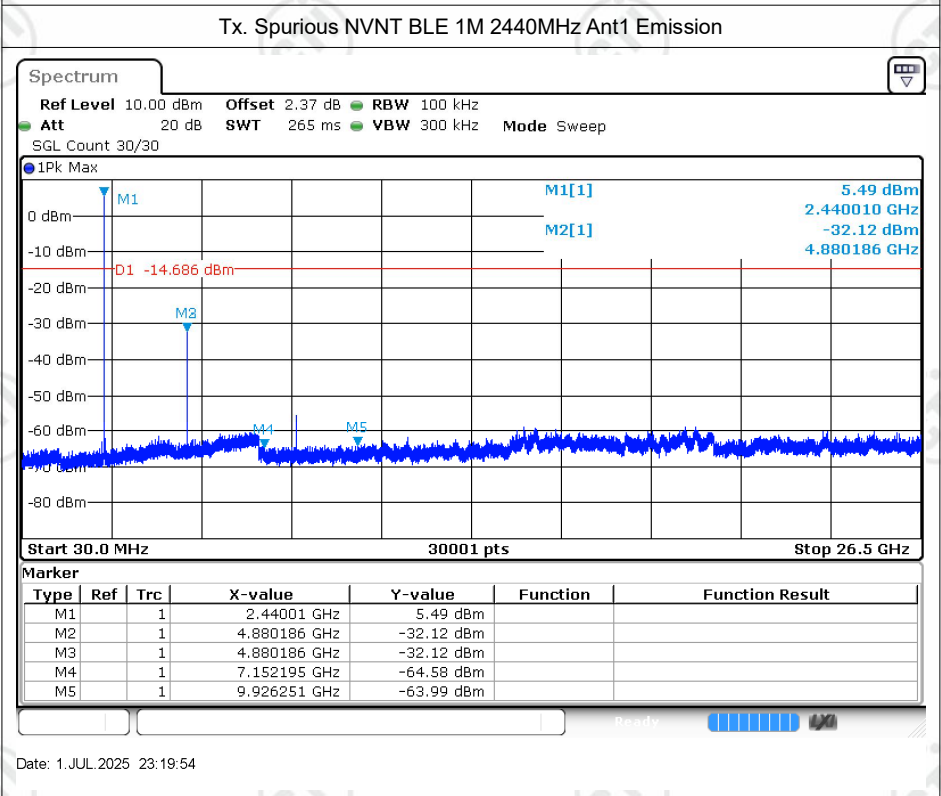
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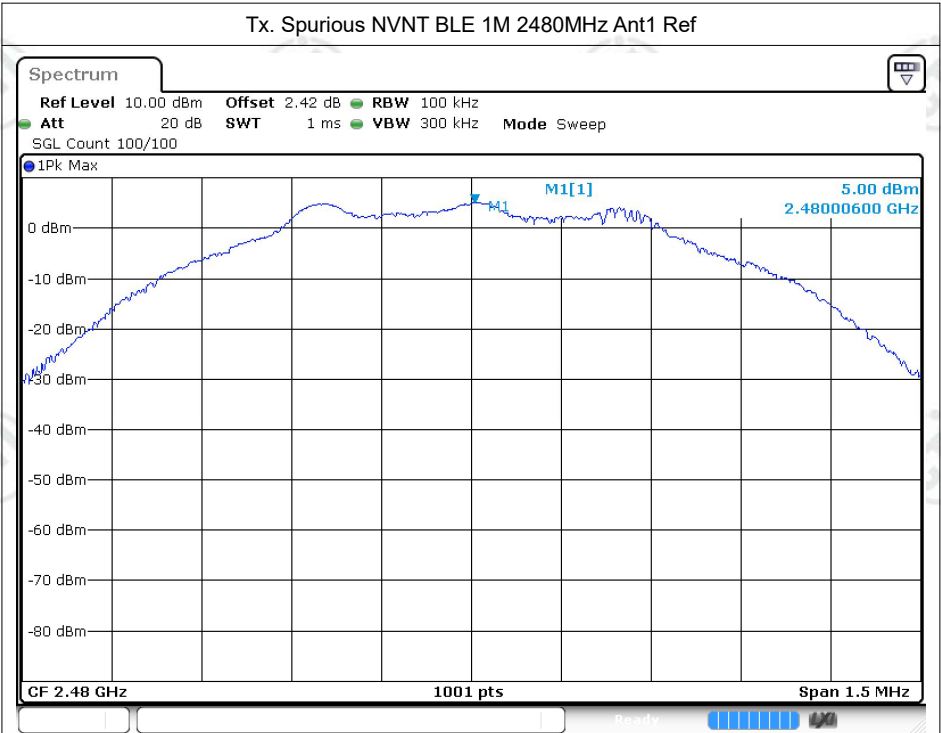


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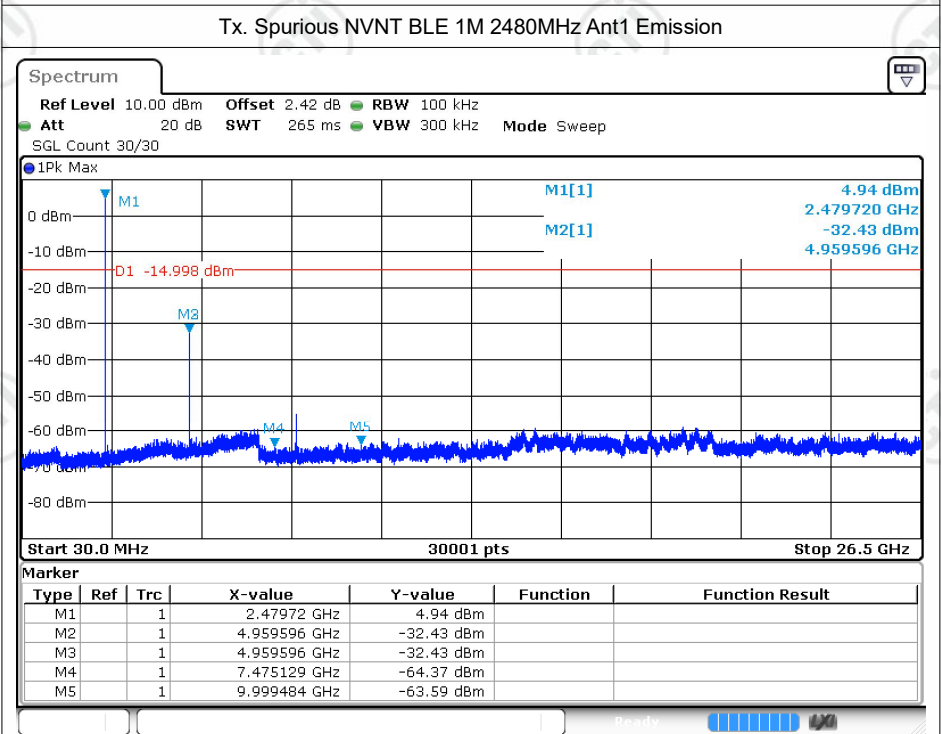


Date: 1.JUL.2025 23:19:25

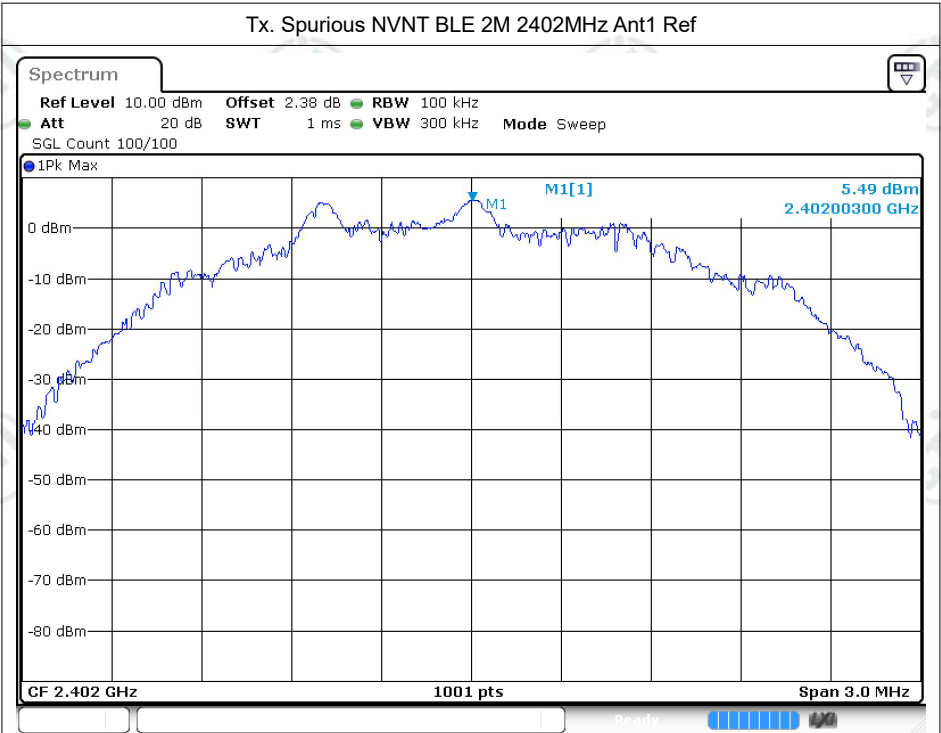




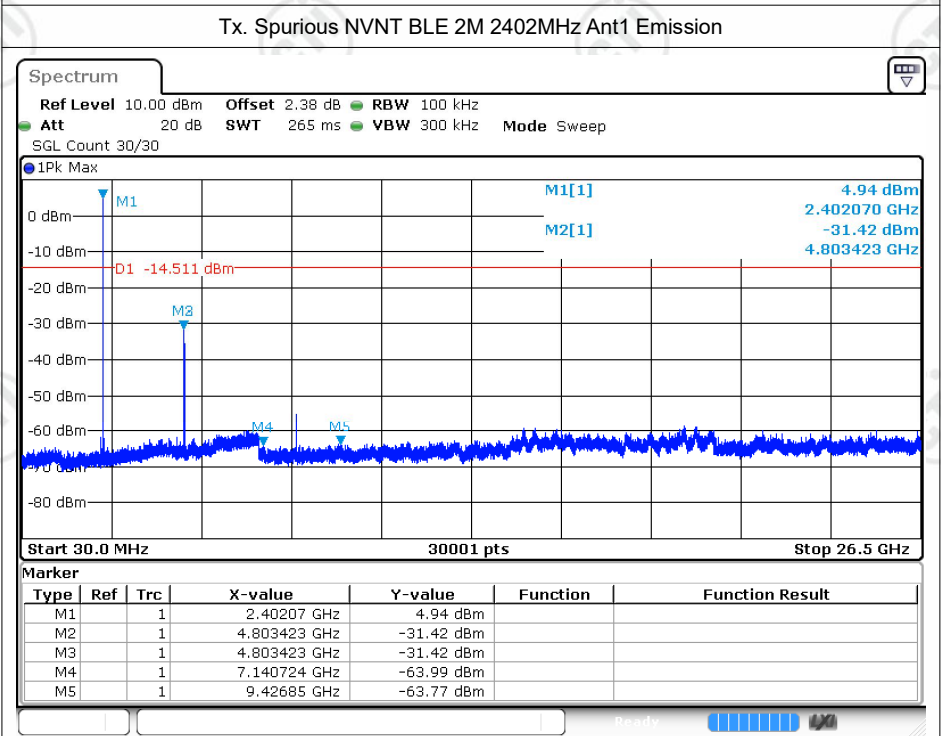
Date: 1.JUL.2025 23:21:09



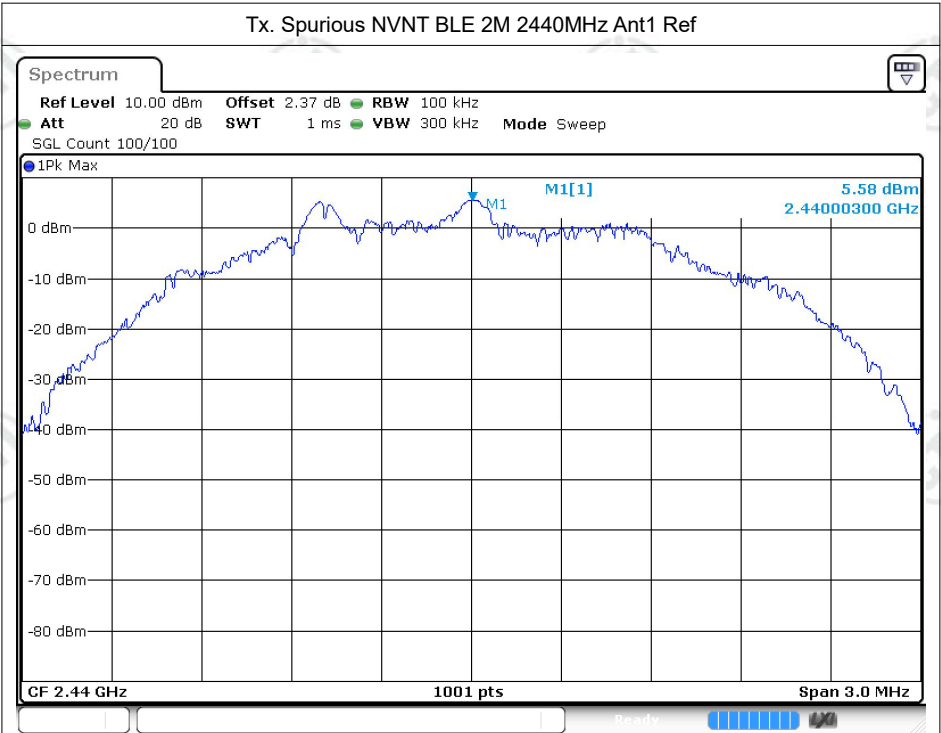
Date: 1.JUL.2025 23:21:38



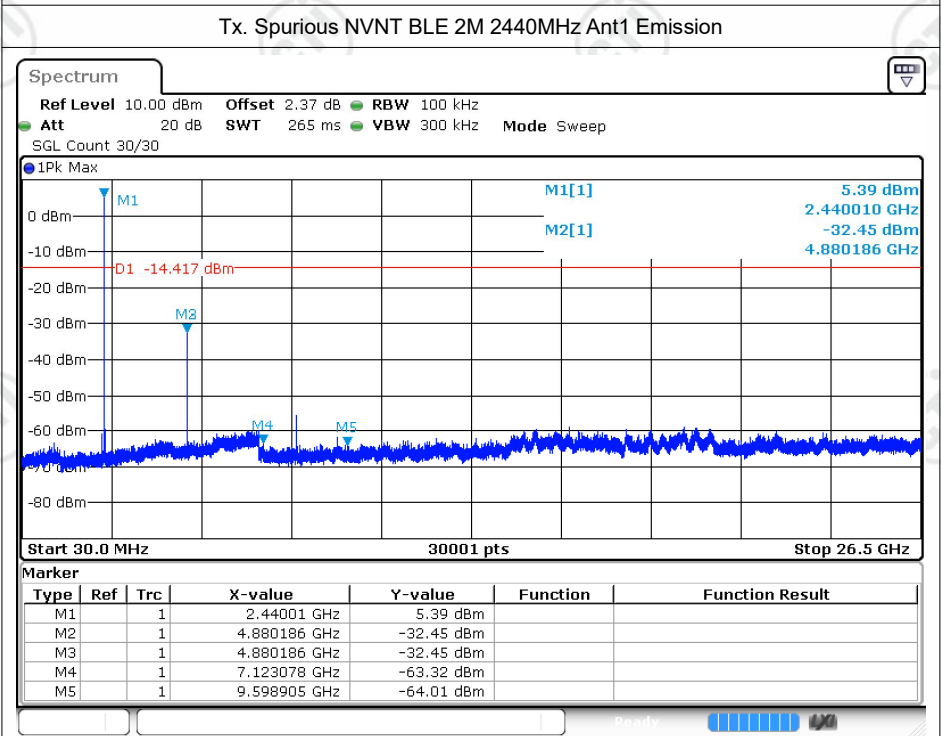
Date: 1.JUL.2025 23:23:35



Date: 1.JUL.2025 23:24:04



Date: 1.JUL.2025 23:26:14



Date: 1.JUL.2025 23:26:43

