

Appendix: Bluetooth LE

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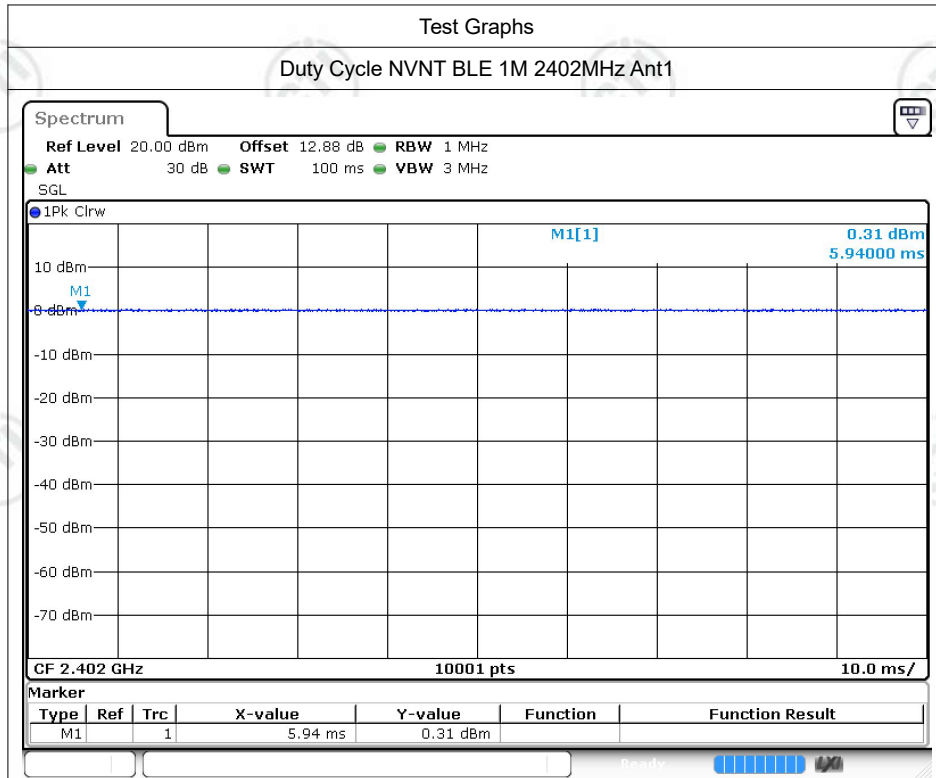
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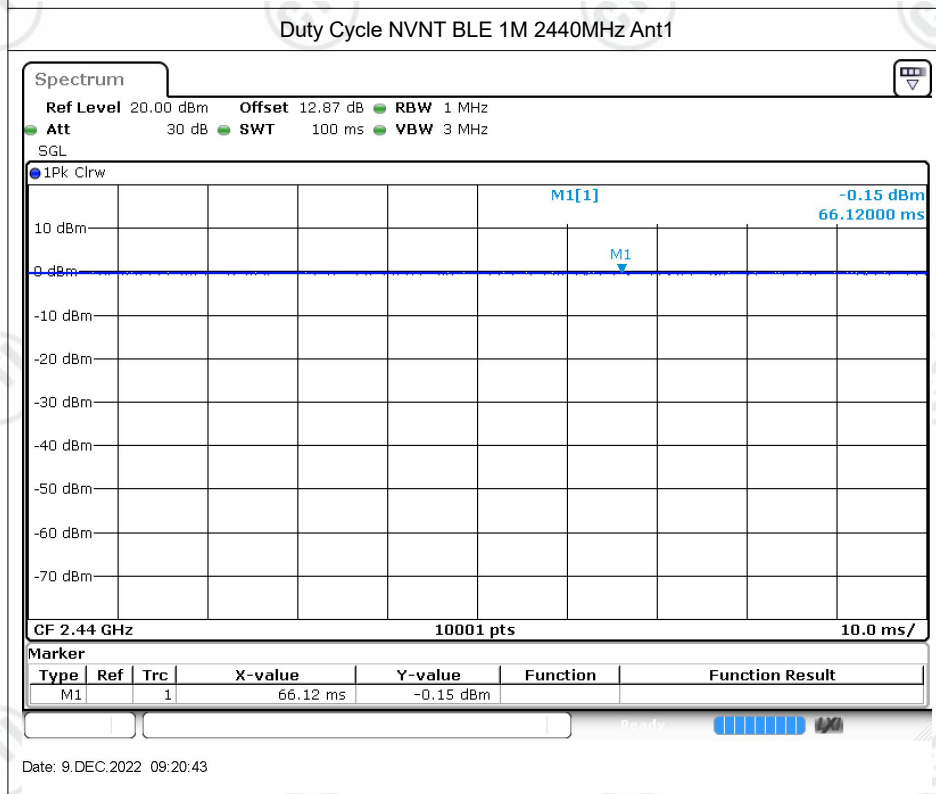
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Duty Cycle

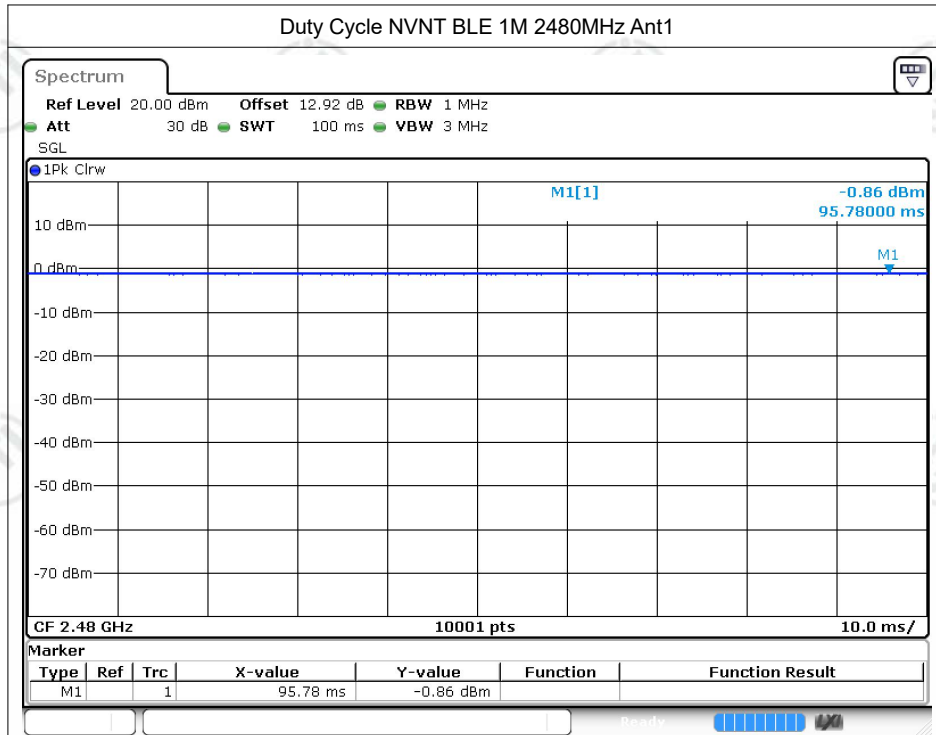
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0



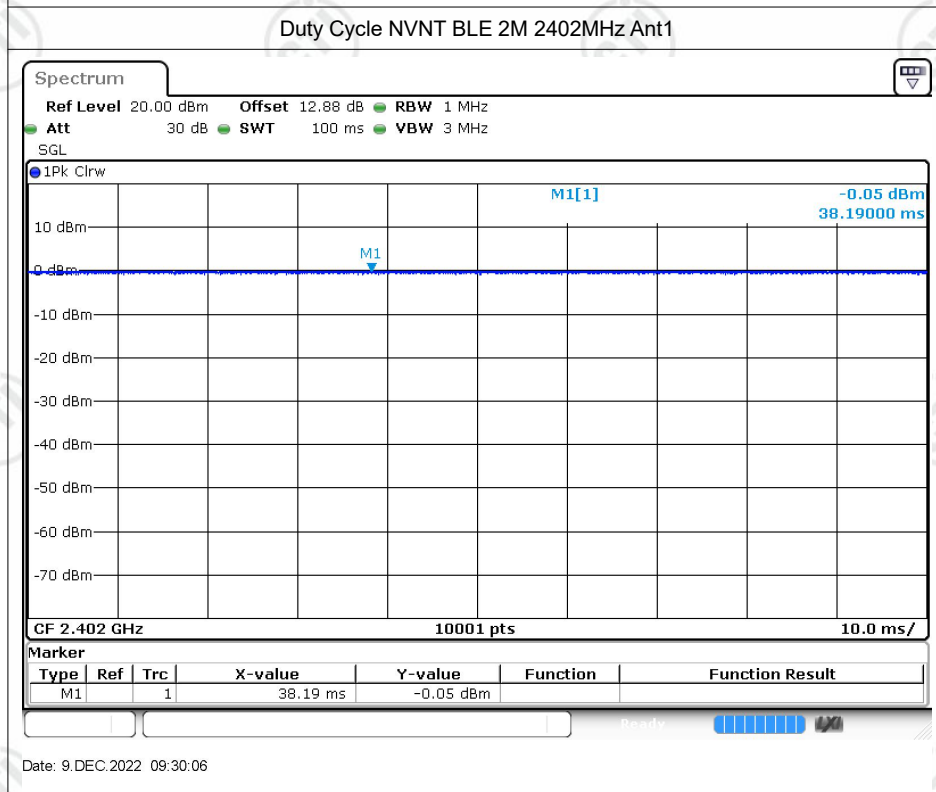
Date: 9.DEC.2022 09:18:30



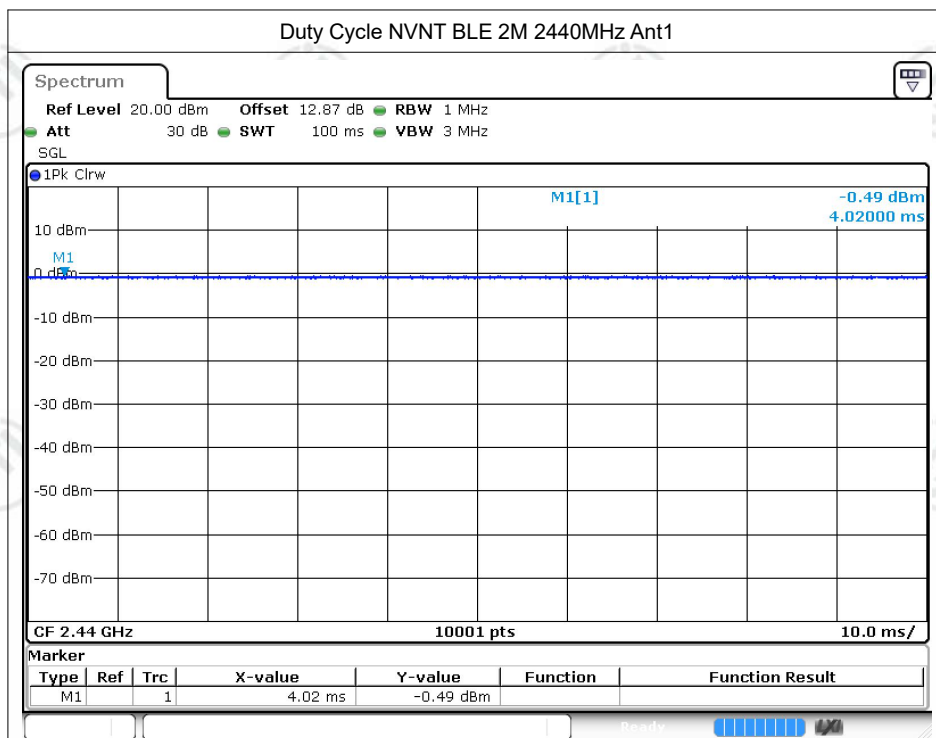
Date: 9.DEC.2022 09:20:43



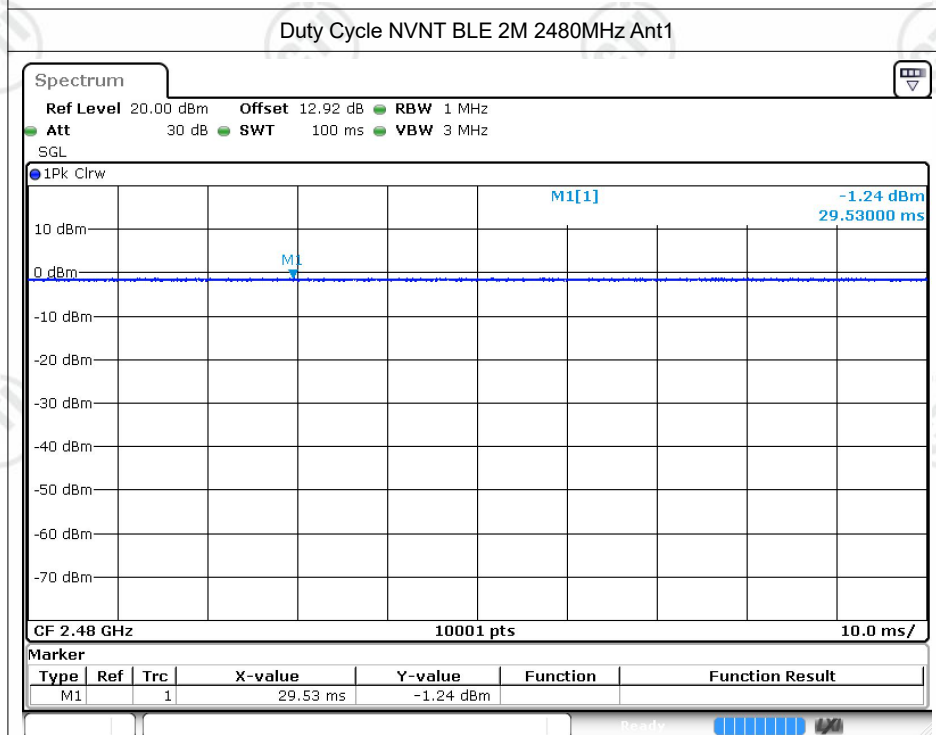
Date: 9.DEC.2022 09:22:33



Date: 9.DEC.2022 09:30:06



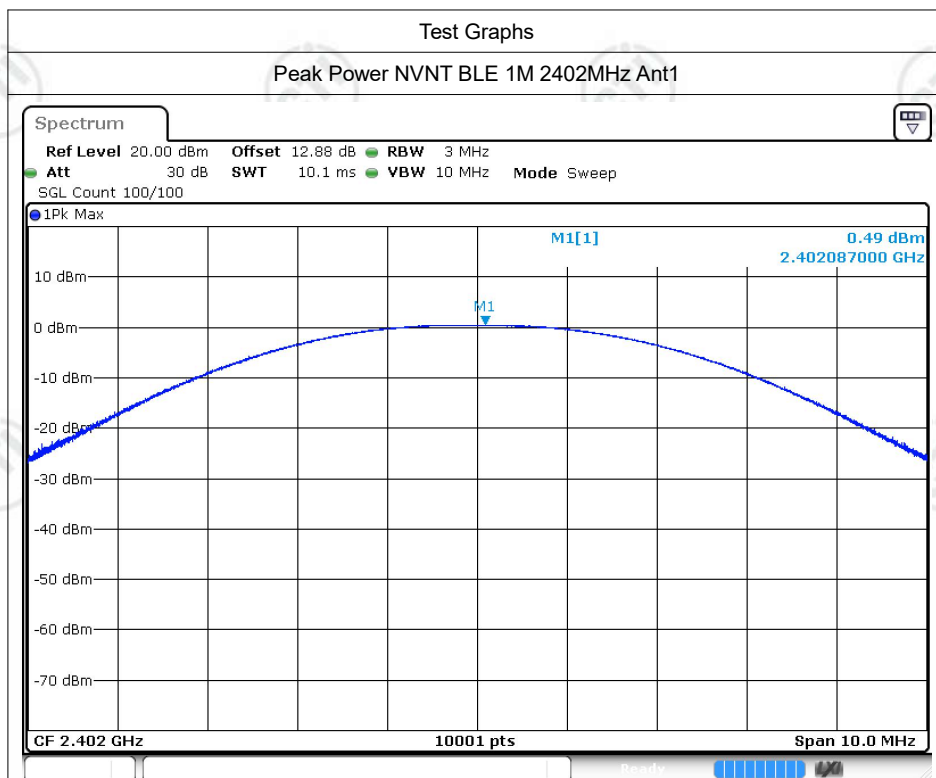
Date: 9,DEC,2022 09:32:00



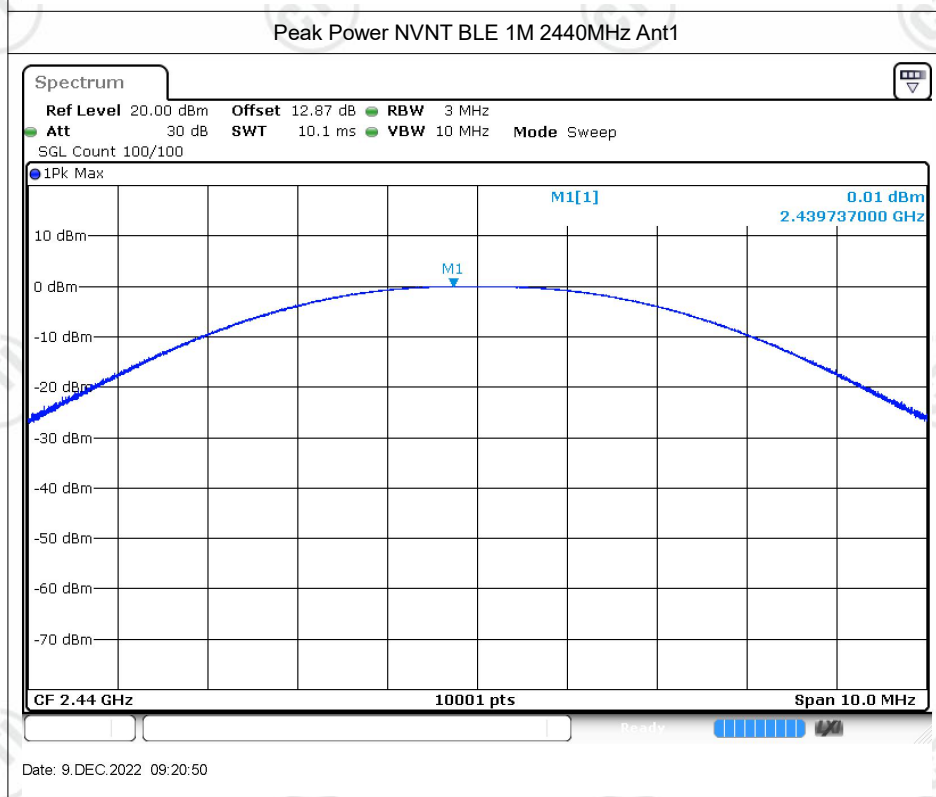
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Maximum Peak Conducted Output Power

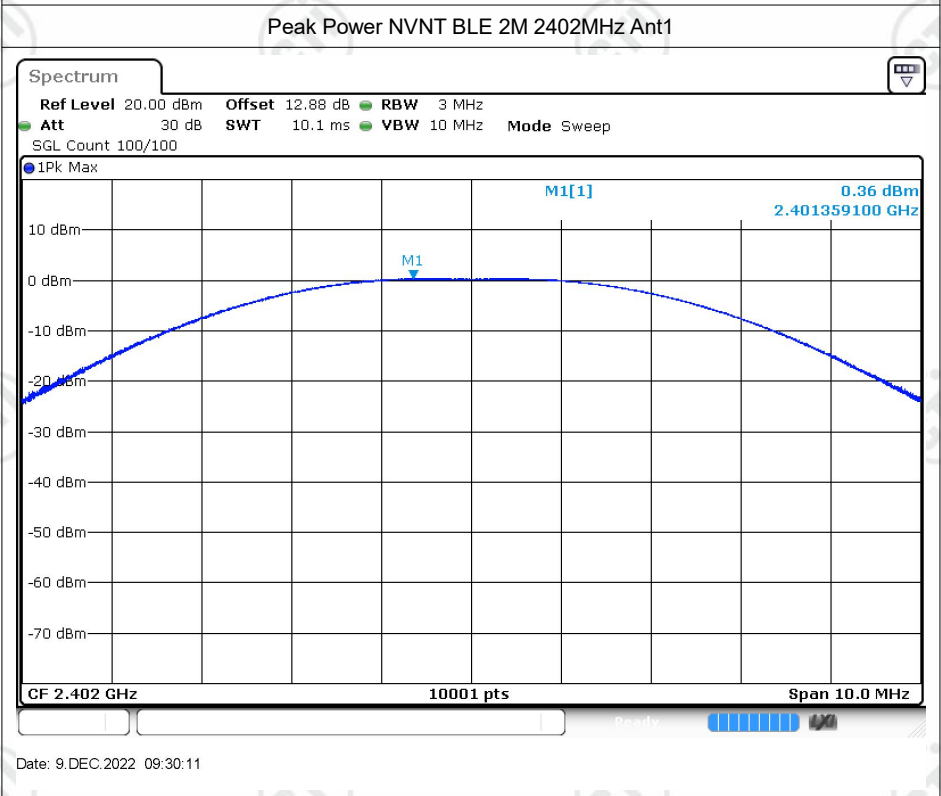
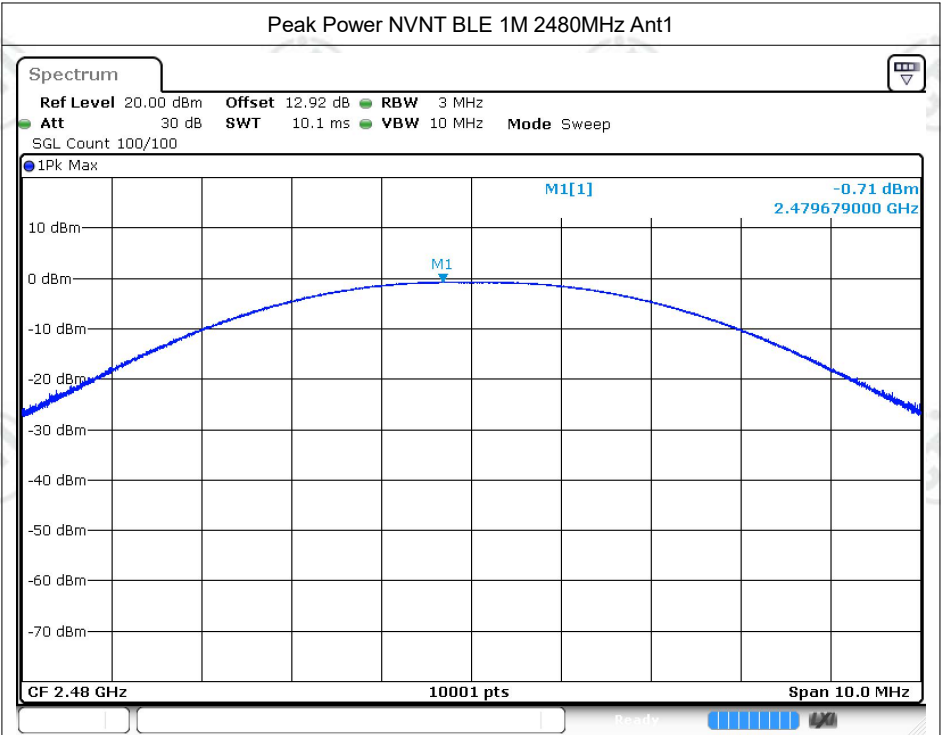
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.49	0	0.49	30	Pass
NVNT	BLE 1M	2440	Ant1	0.01	0	0.01	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.71	0	-0.71	30	Pass
NVNT	BLE 2M	2402	Ant1	0.36	0	0.36	30	Pass
NVNT	BLE 2M	2440	Ant1	-0.08	0	-0.08	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.83	0	-0.83	30	Pass

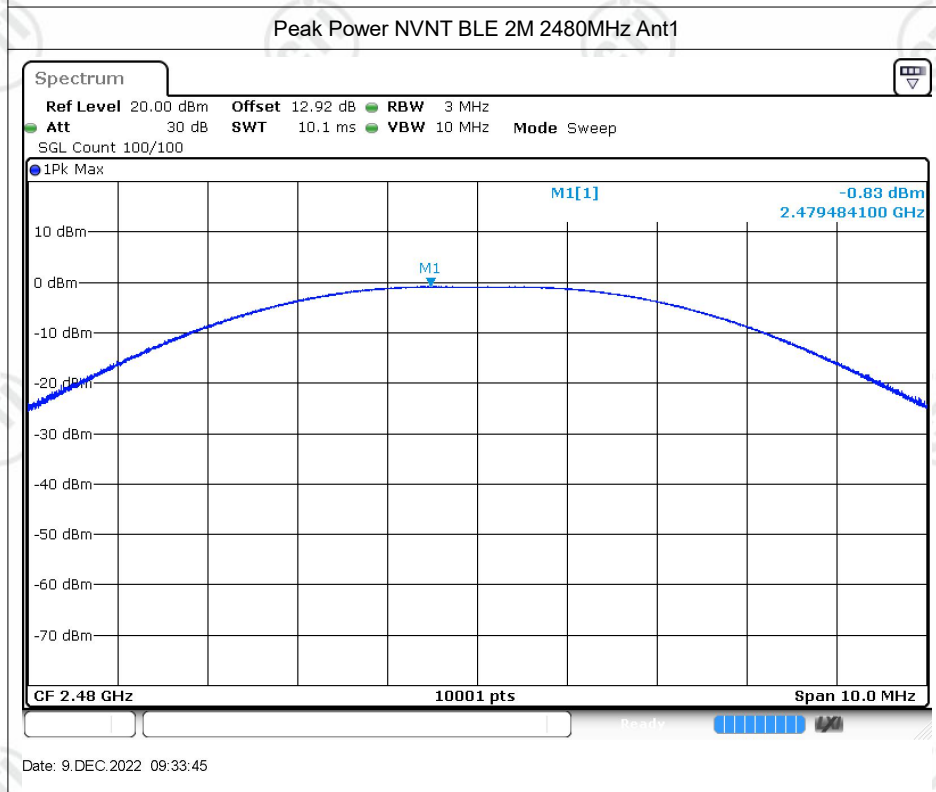
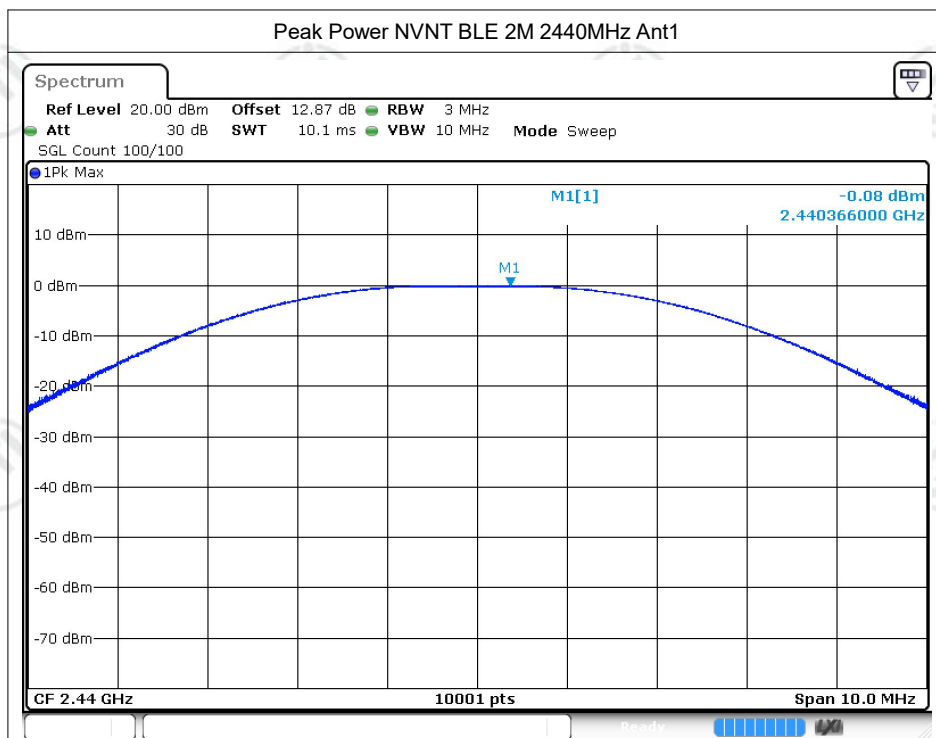


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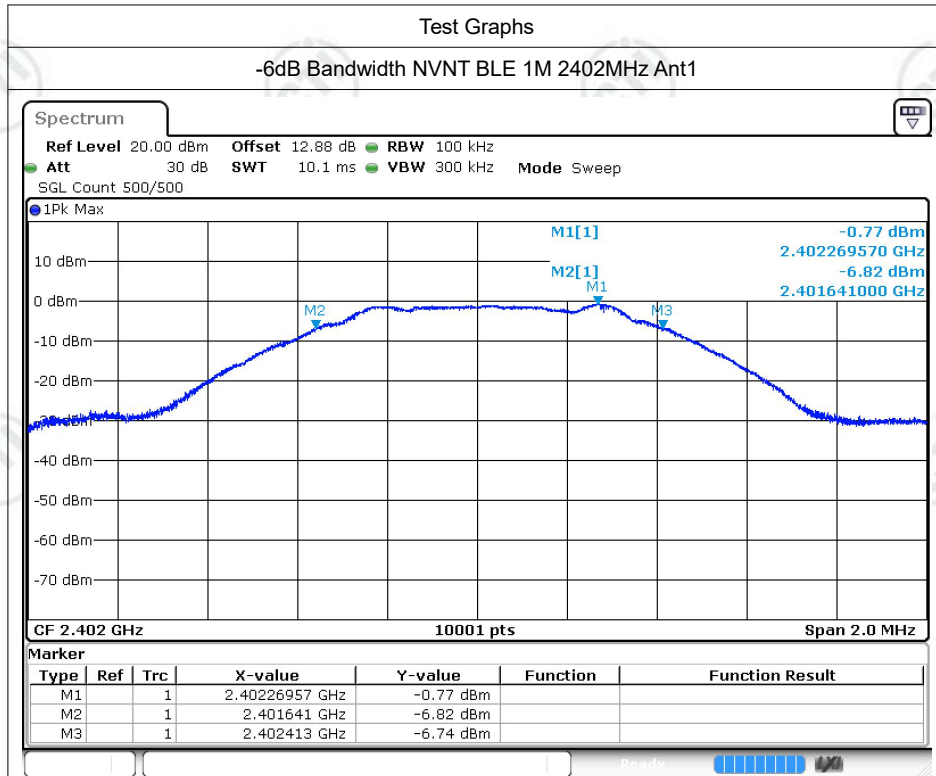
Date: 9.DEC.2022 09:20:50



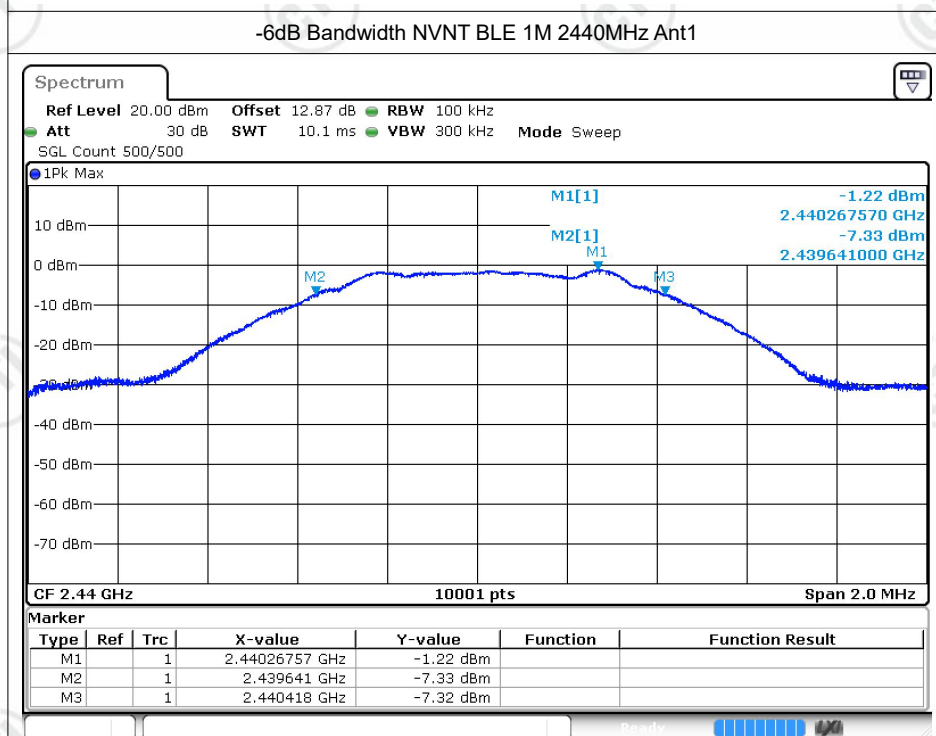


-6dB Bandwidth

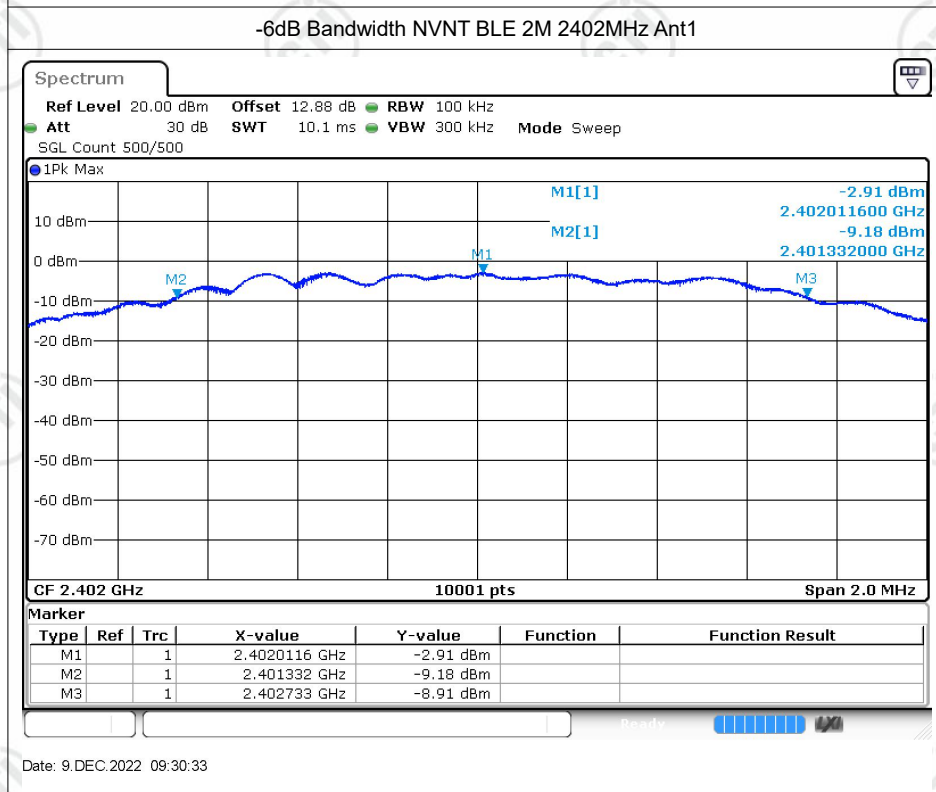
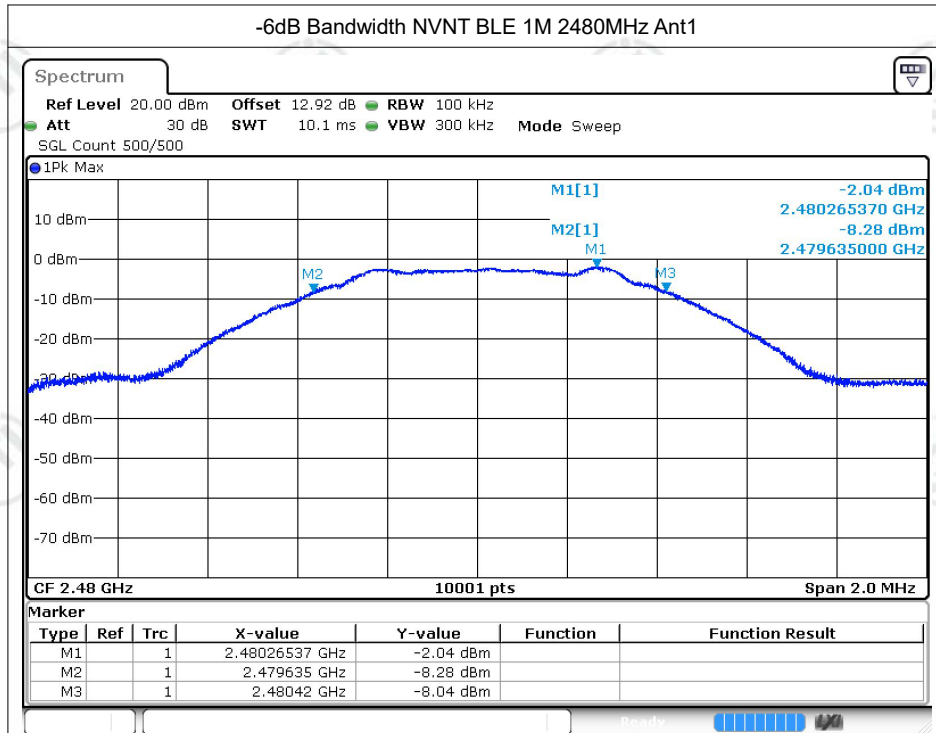
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.773	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.777	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.785	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.401	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.391	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.38	0.5	Pass

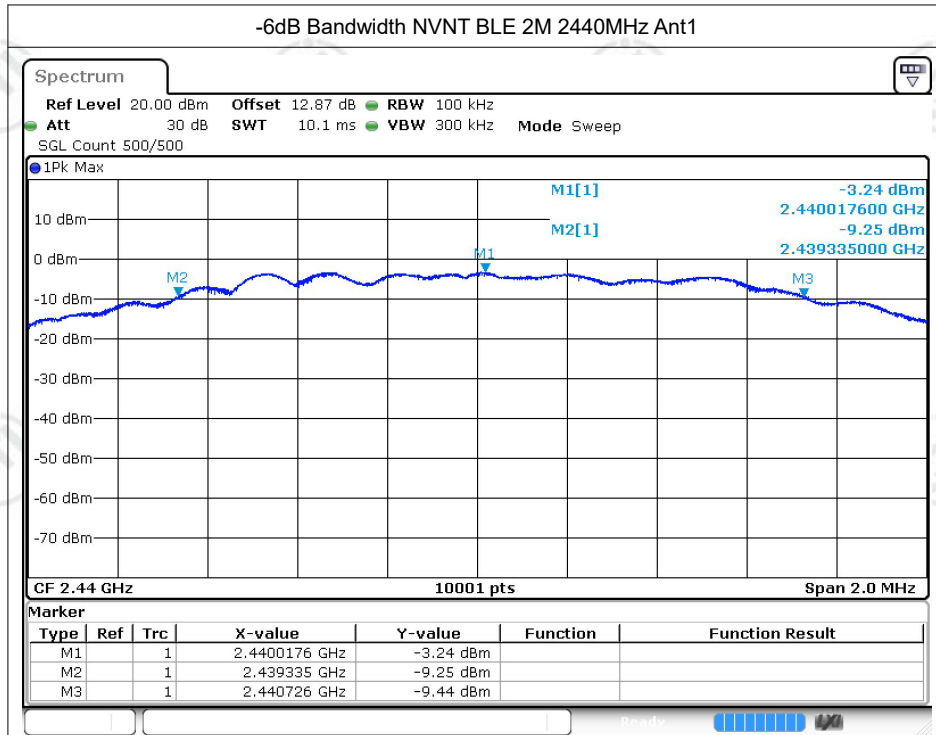


Date: 9.DEC.2022 09:19:09

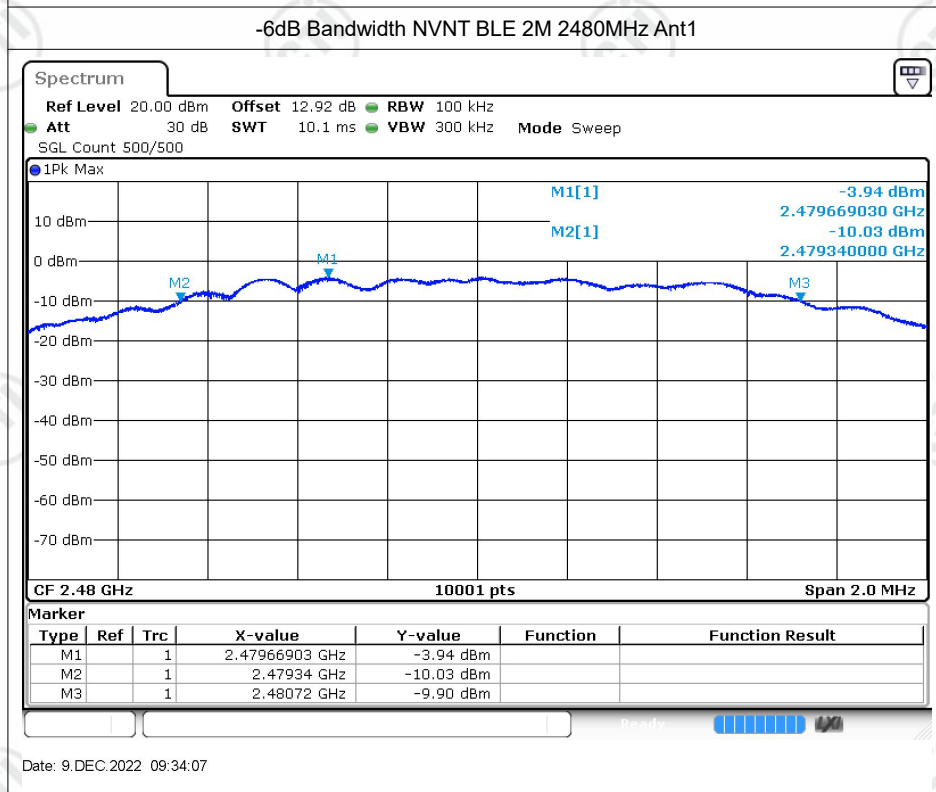


Date: 9.DEC.2022 09:21:20





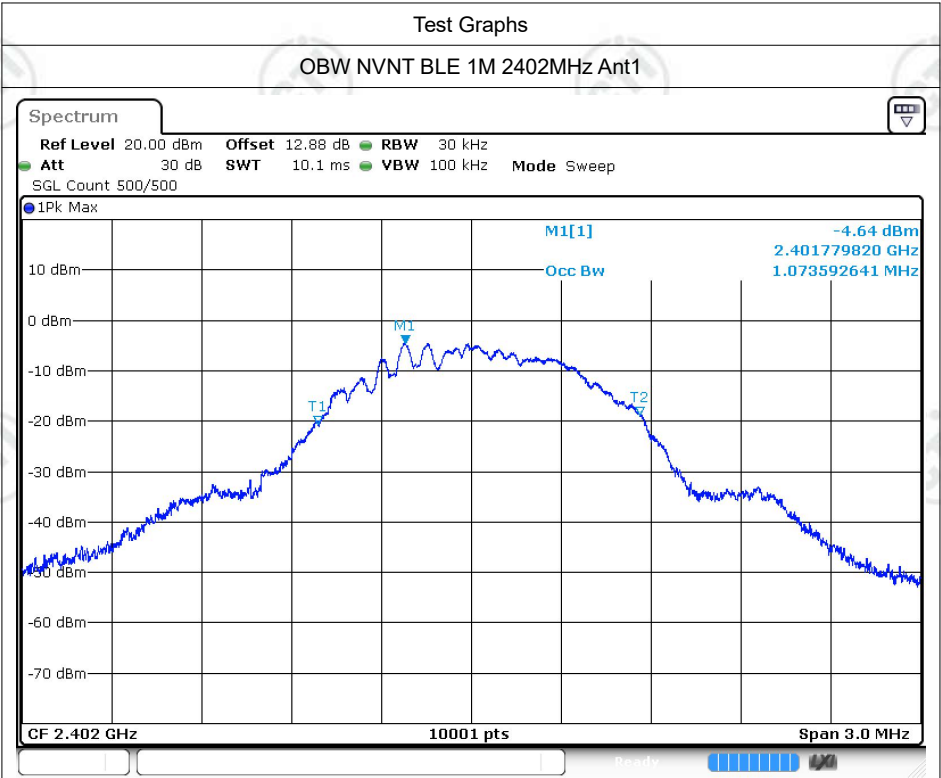
Date: 9.DEC.2022 09:32:26



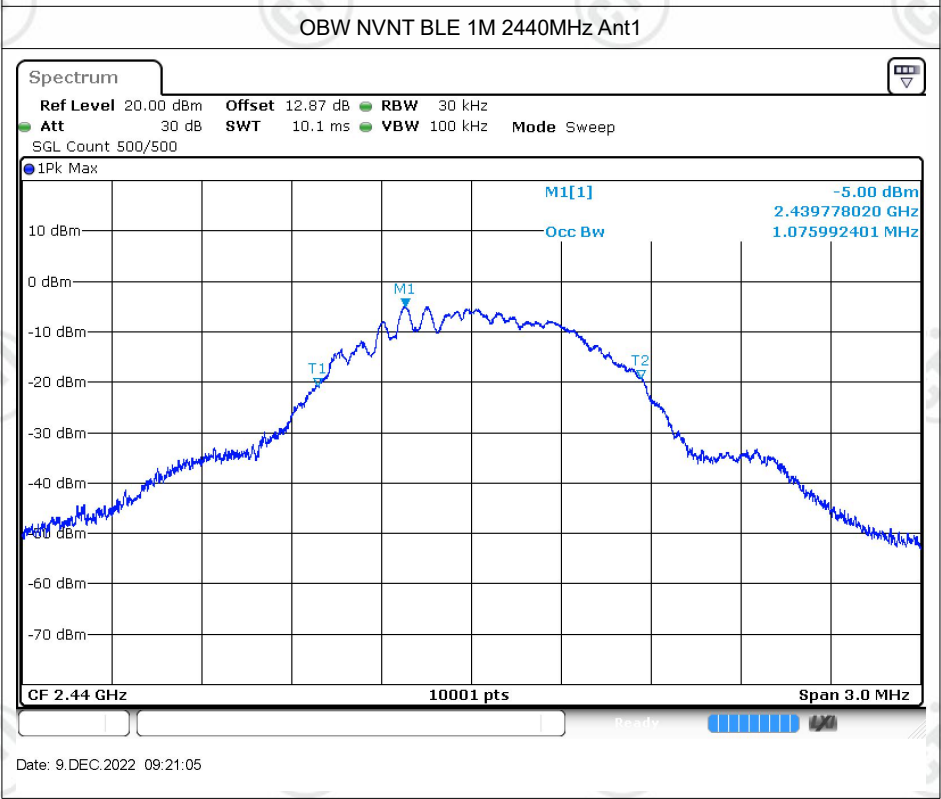
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Occupied Channel Bandwidth

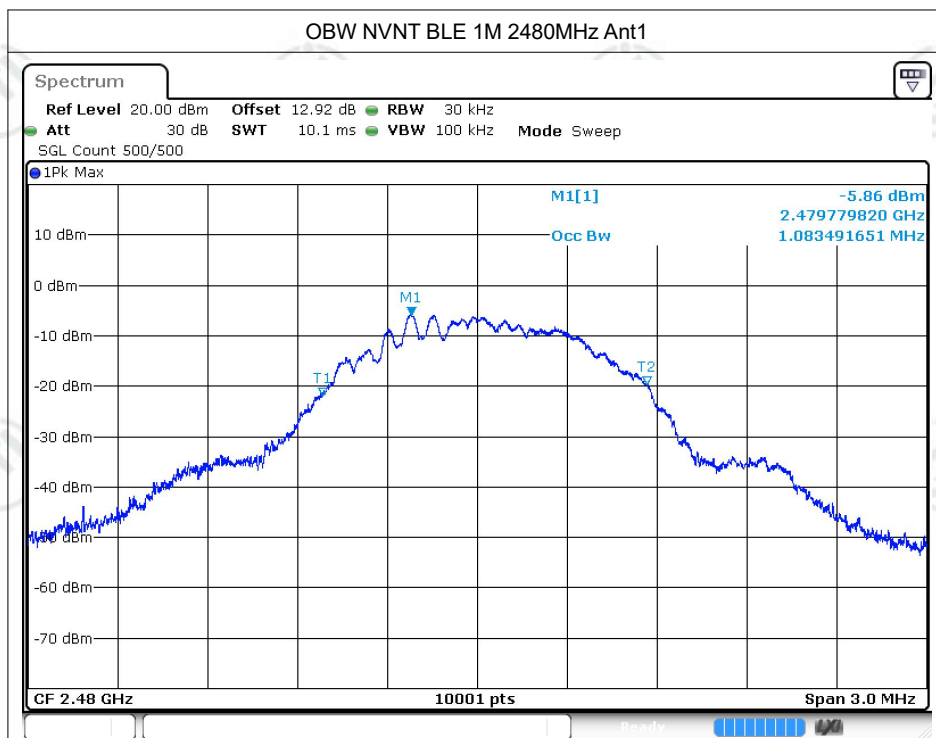
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.074
NVNT	BLE 1M	2440	Ant1	1.076
NVNT	BLE 1M	2480	Ant1	1.083
NVNT	BLE 2M	2402	Ant1	2.096
NVNT	BLE 2M	2440	Ant1	2.089
NVNT	BLE 2M	2480	Ant1	2.085



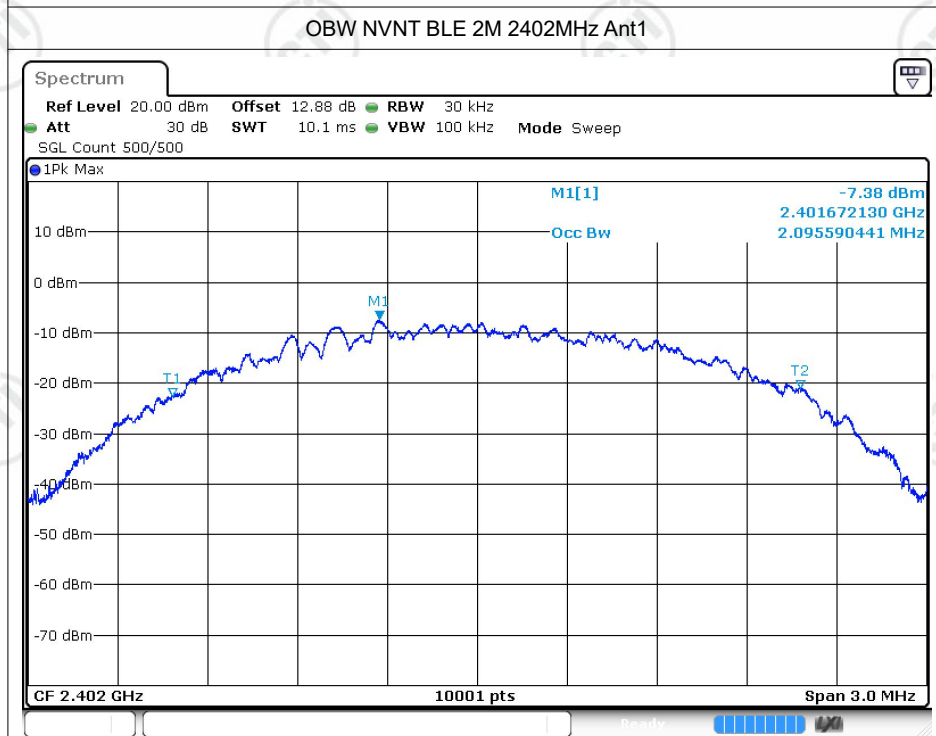
Date: 9.DEC.2022 09:18:56



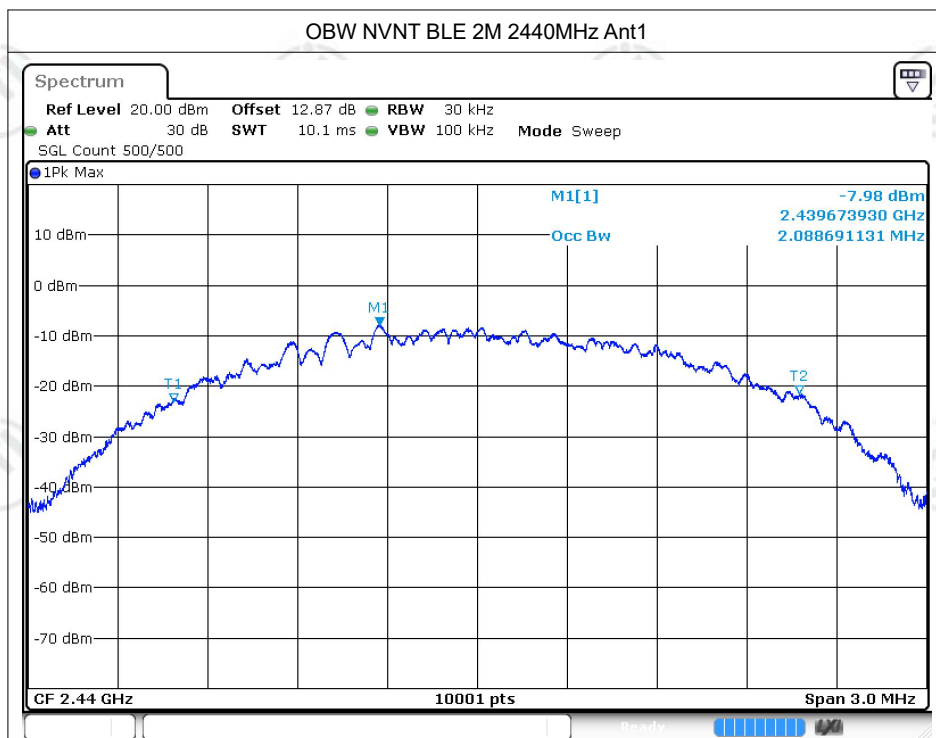
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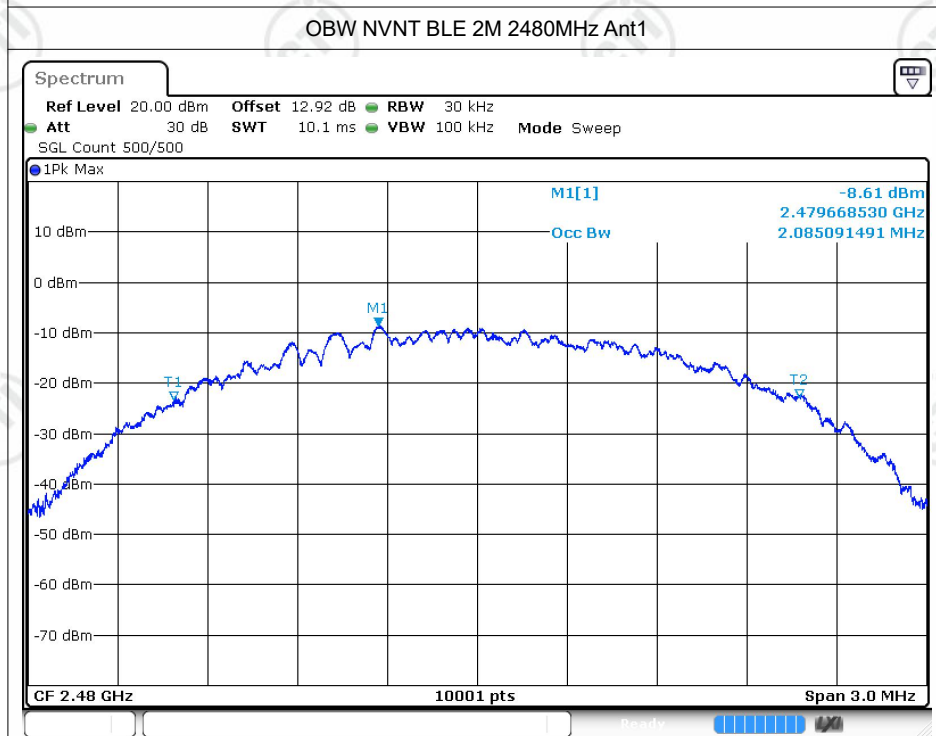
Date: 9.DEC.2022 09:28:26



Date: 9.DEC.2022 09:30:22



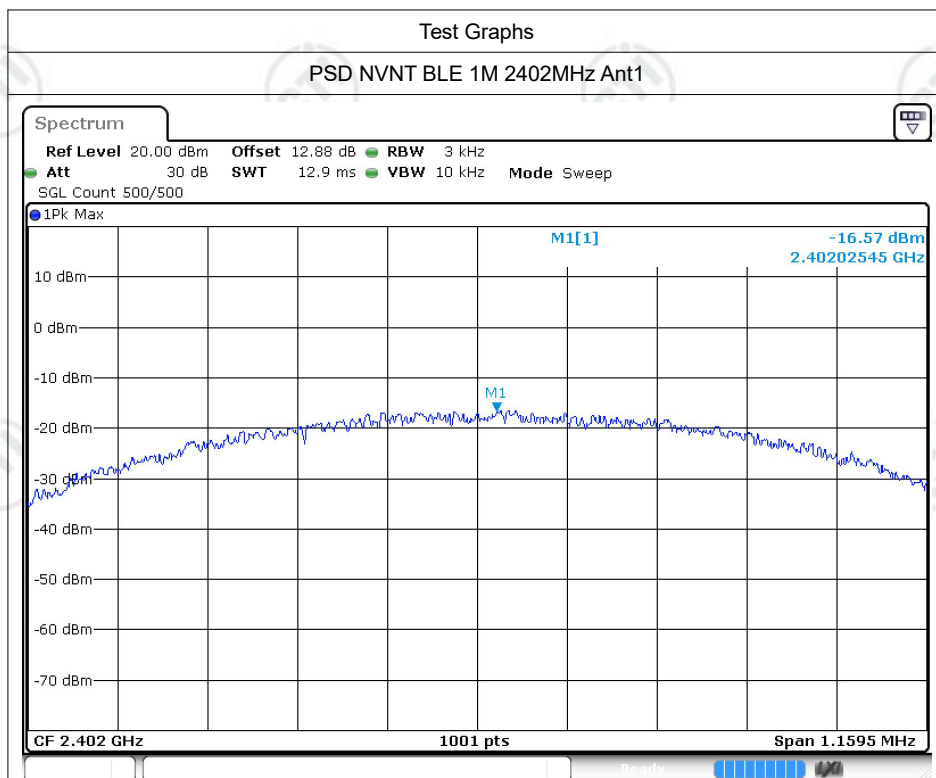
Date: 9.DEC.2022 09:32:15



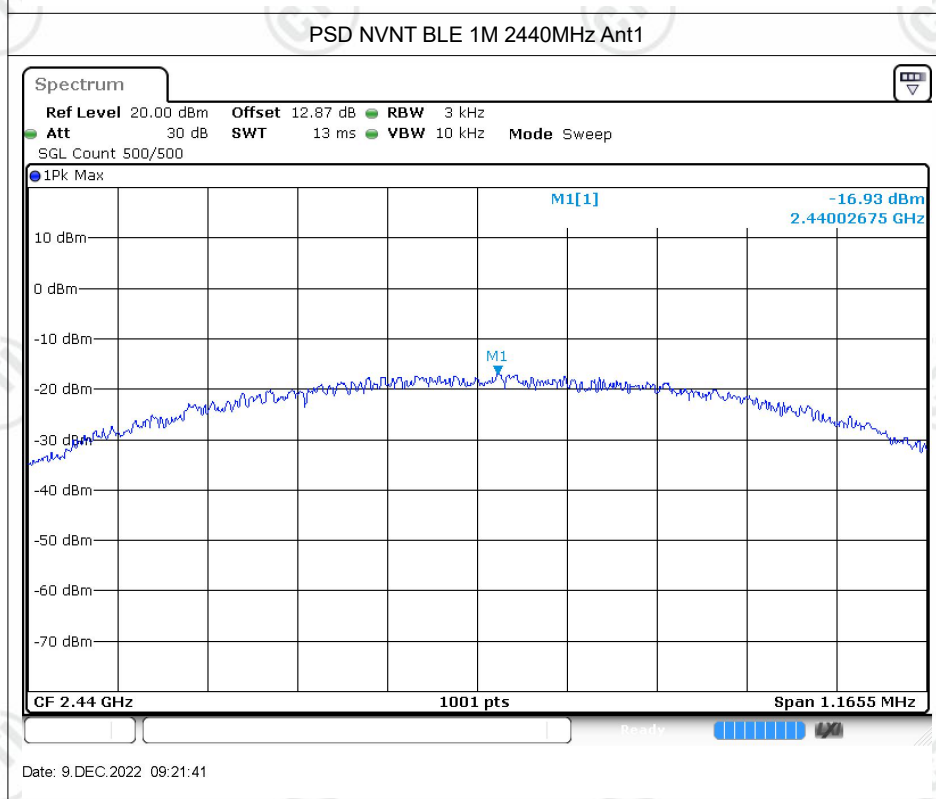
Date: 9.DEC.2022 09:33:56

Maximum Power Spectral Density Level

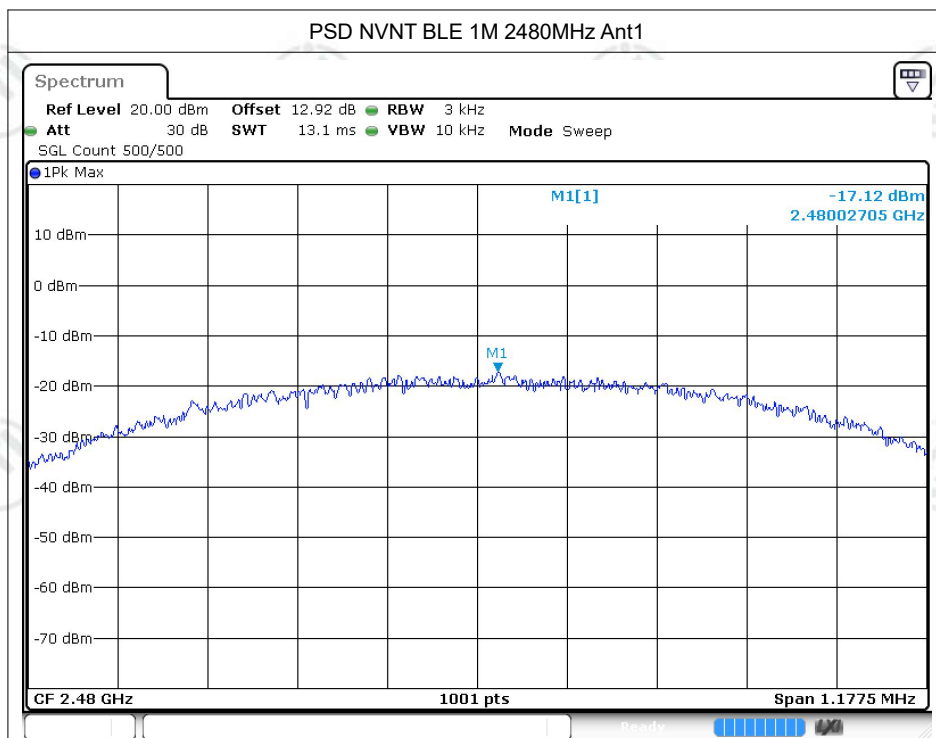
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.57	0	-16.57	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.93	0	-16.93	8	Pass
NVNT	BLE 1M	2480	Ant1	-17.12	0	-17.12	8	Pass
NVNT	BLE 2M	2402	Ant1	-21.18	0	-21.18	8	Pass
NVNT	BLE 2M	2440	Ant1	-21.39	0	-21.39	8	Pass
NVNT	BLE 2M	2480	Ant1	-22.04	0	-22.04	8	Pass



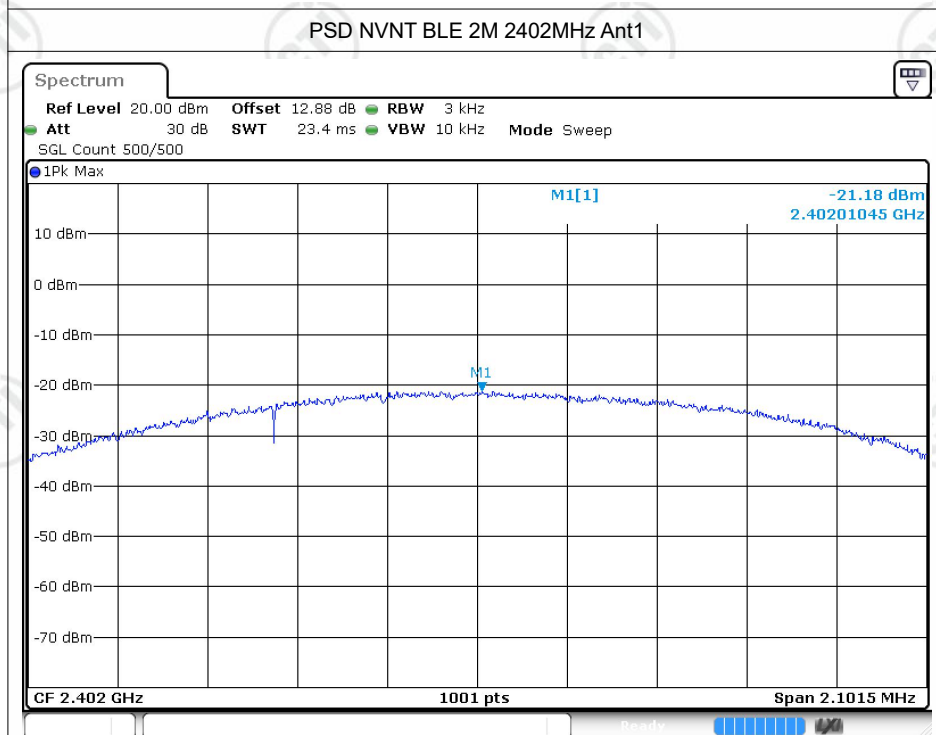
Date: 9.DEC.2022 09:19:31



Date: 9.DEC.2022 09:21:41



Date: 9.DEC.2022 09:28:56



Date: 9.DEC.2022 09:31:01