

Appendix: Bluetooth LE

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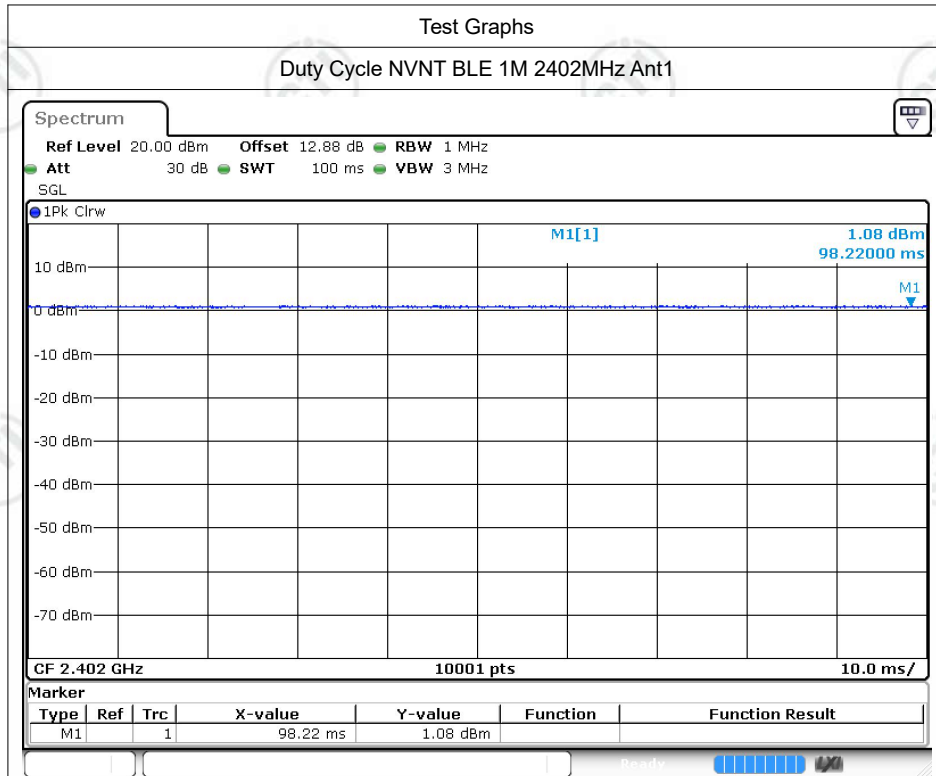
Maximum Power Spectral Density Level 19

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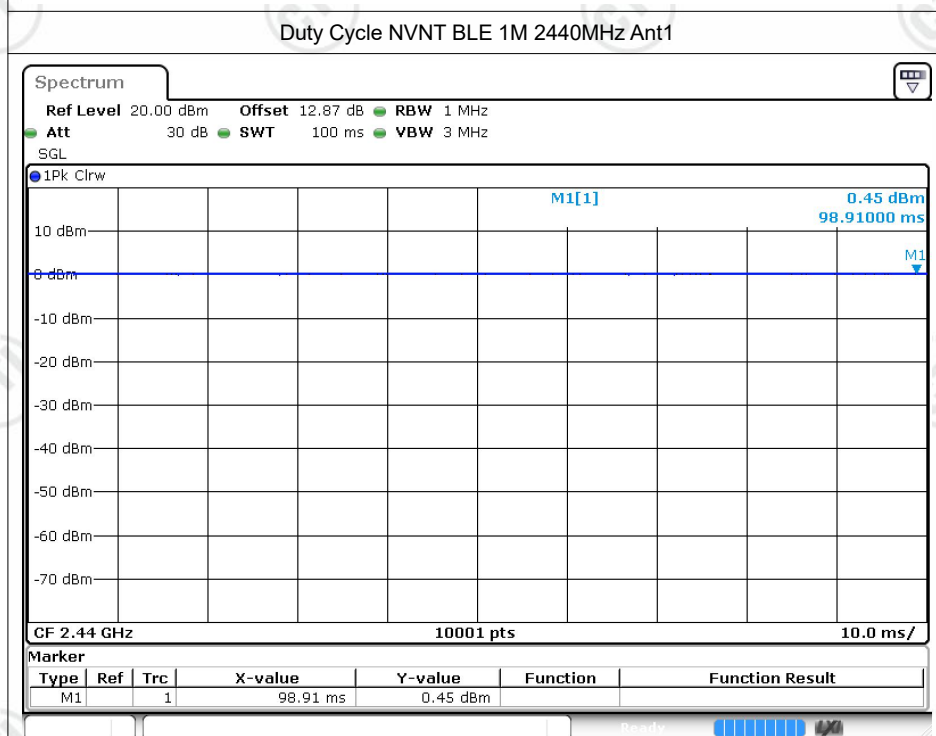
Conducted RF Spurious Emission 28

Duty Cycle

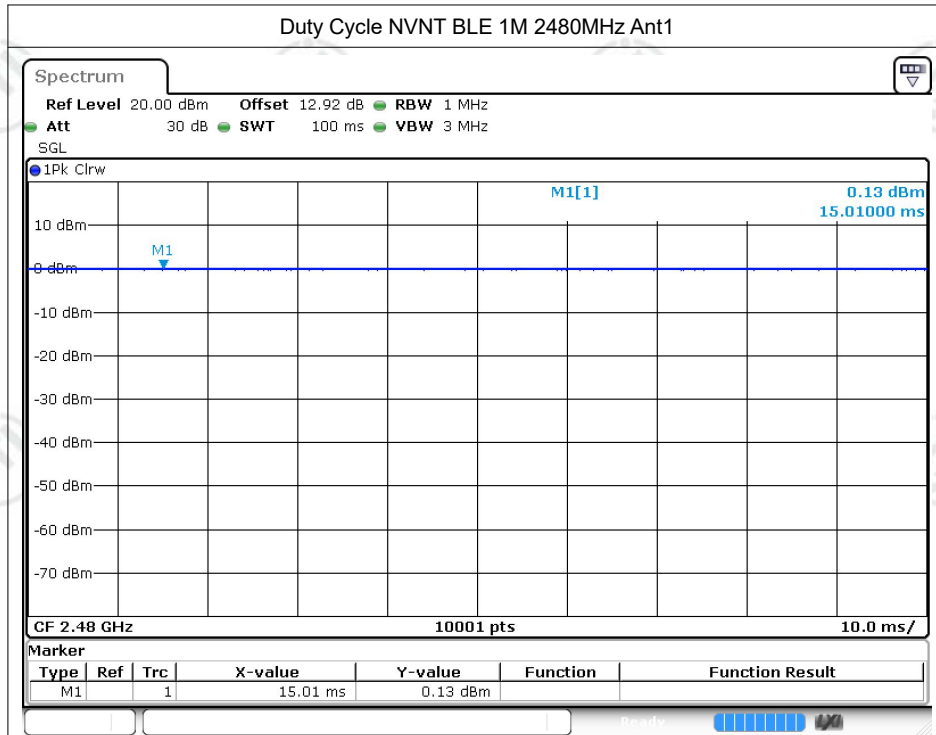
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0



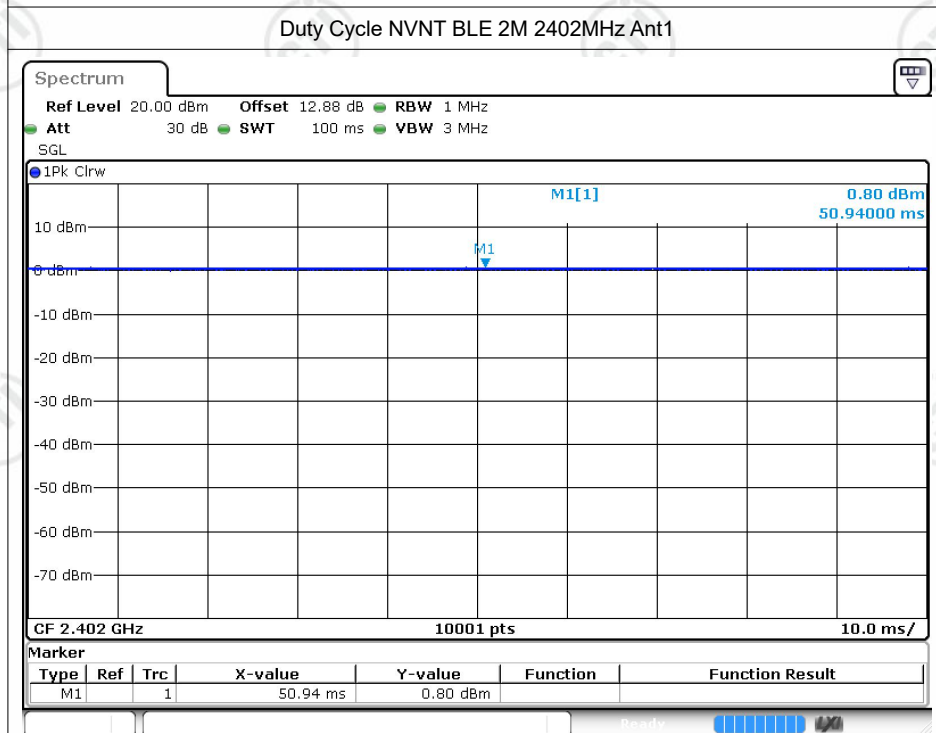
Date: 9.DEC.2022 08:51:04



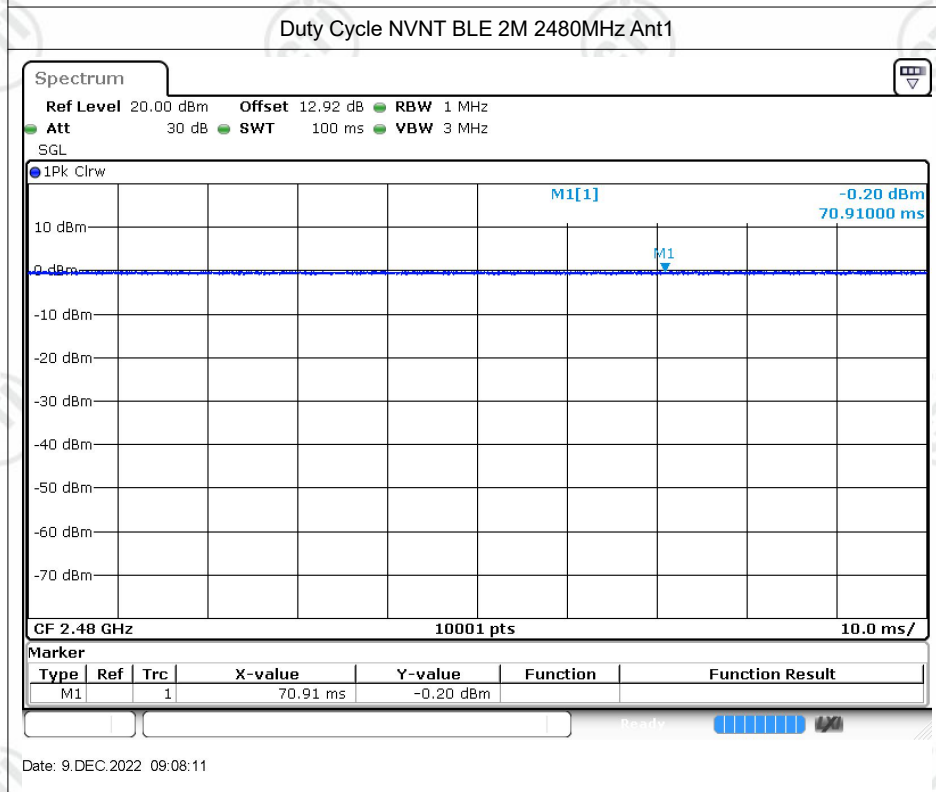
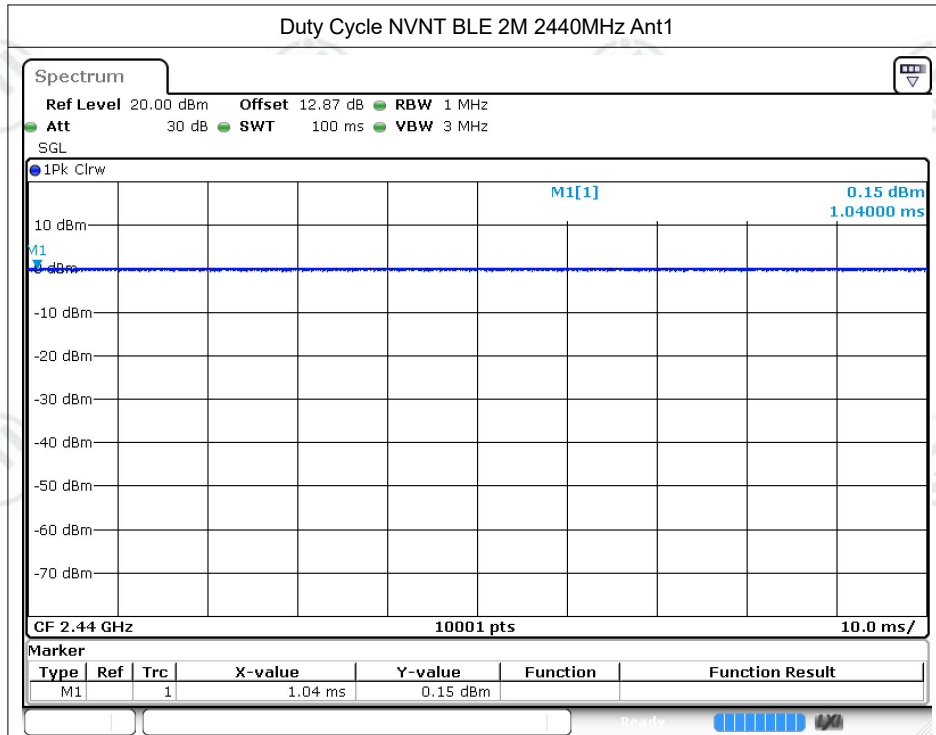
Date: 9.DEC.2022 08:57:28



Date: 9.DEC.2022 08:59:54

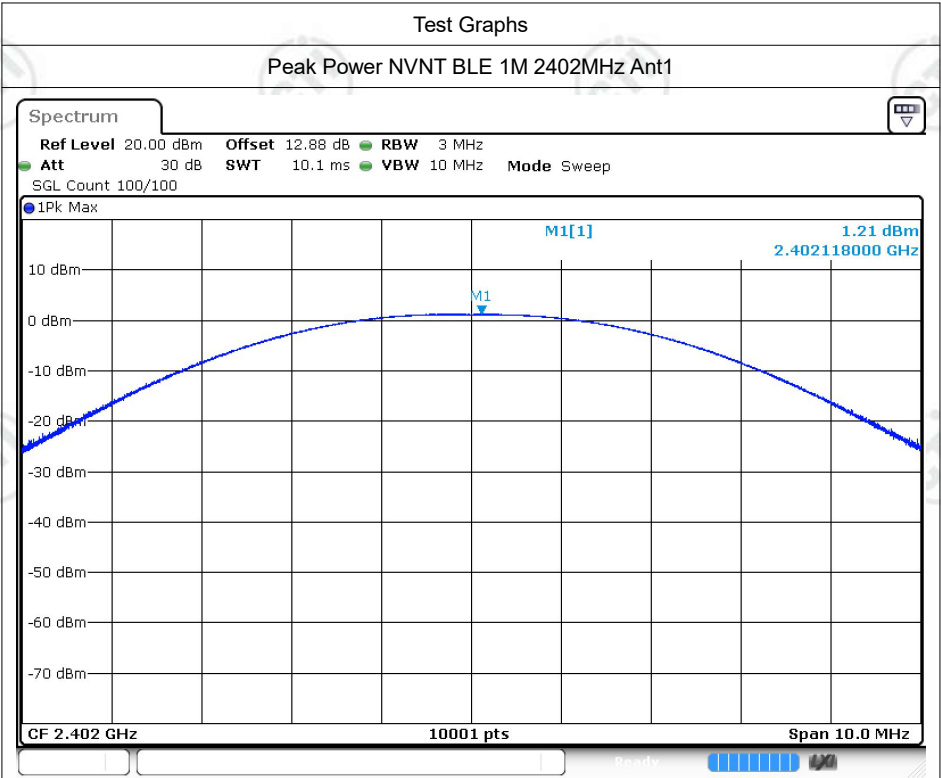


Date: 9.DEC.2022 09:02:52

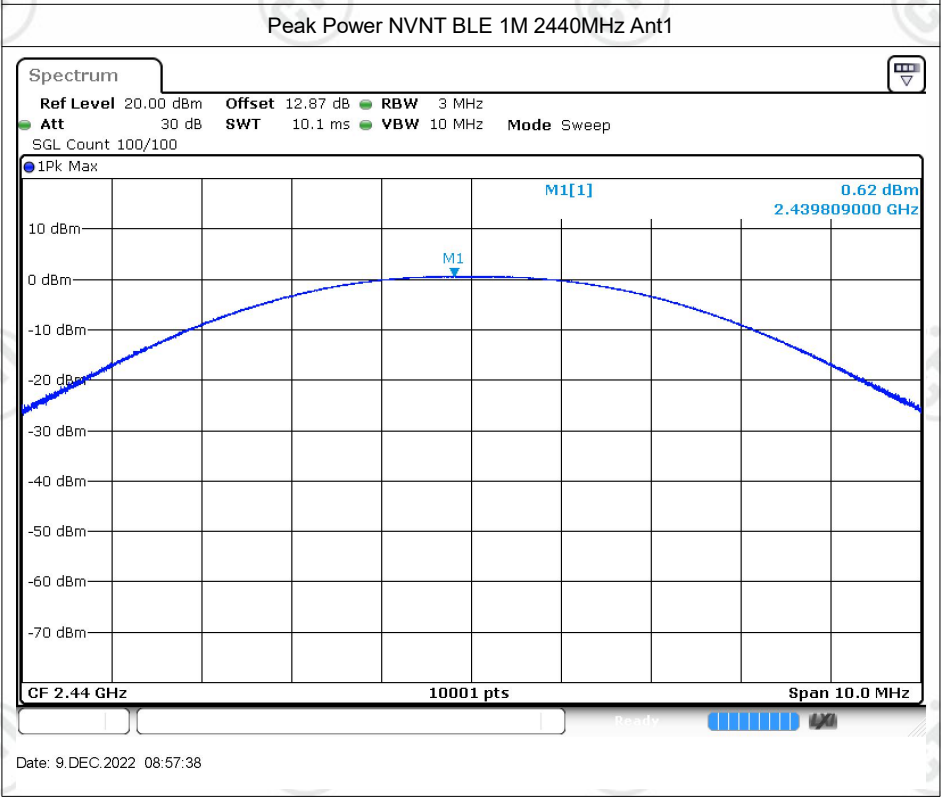


Maximum Peak Conducted Output Power

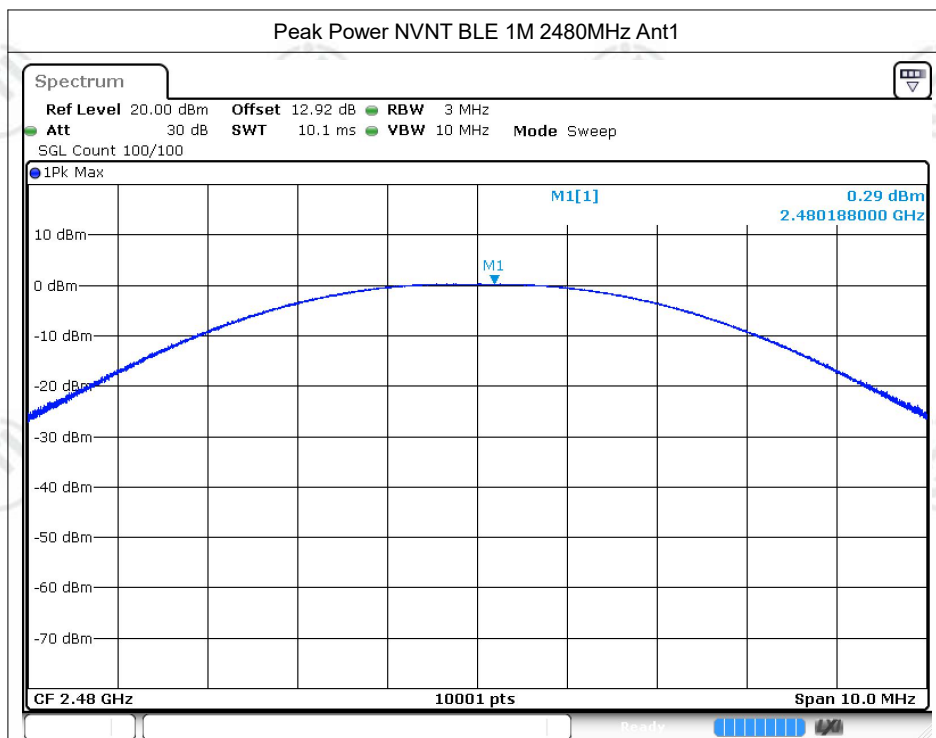
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.21	0	1.21	30	Pass
NVNT	BLE 1M	2440	Ant1	0.62	0	0.62	30	Pass
NVNT	BLE 1M	2480	Ant1	0.29	0	0.29	30	Pass
NVNT	BLE 2M	2402	Ant1	1.17	0	1.17	30	Pass
NVNT	BLE 2M	2440	Ant1	0.5	0	0.5	30	Pass
NVNT	BLE 2M	2480	Ant1	0.28	0	0.28	30	Pass



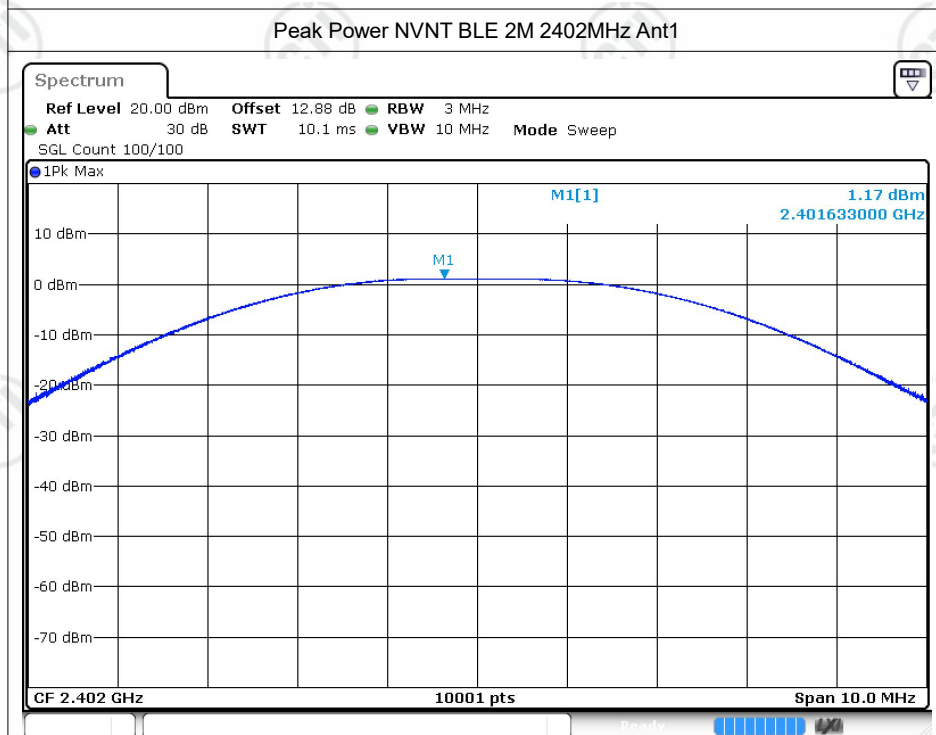
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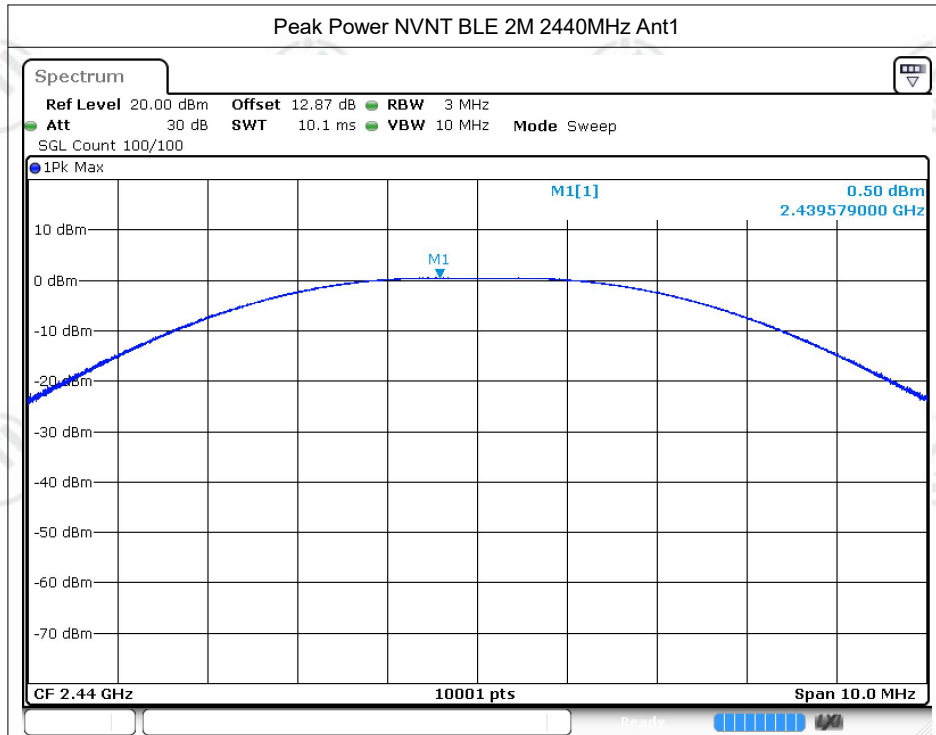
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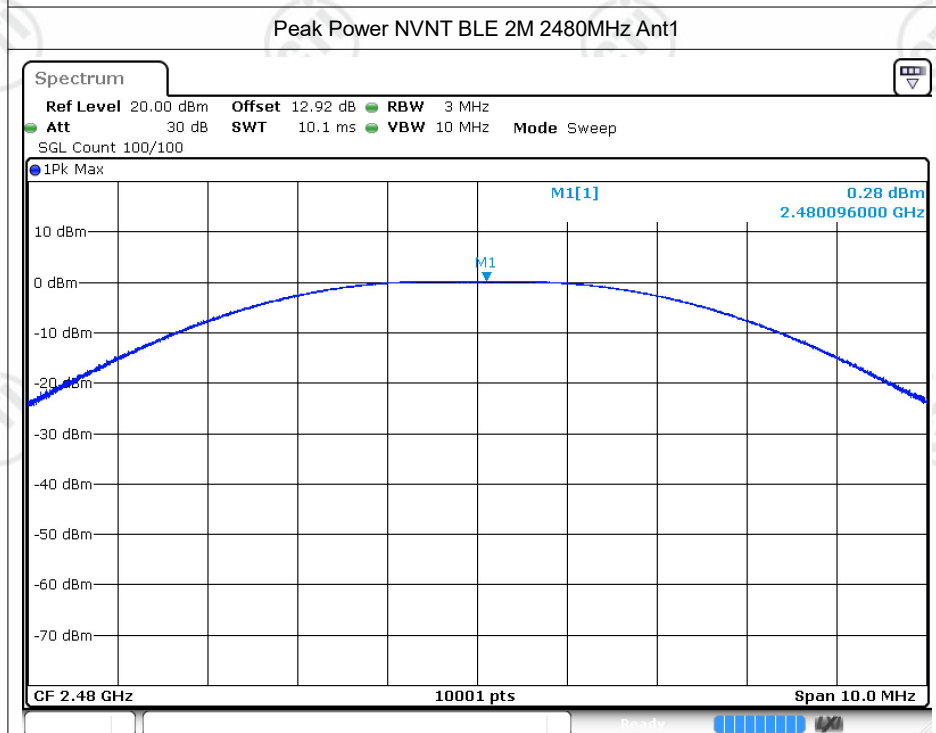
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Date: 9.DEC.2022 09:03:00



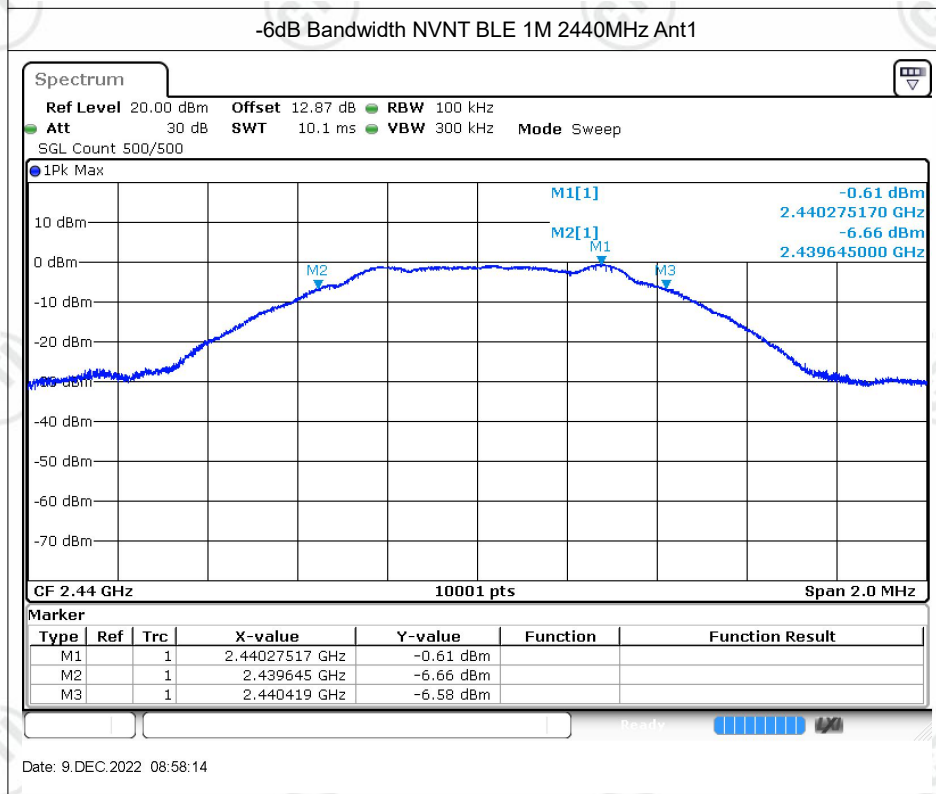
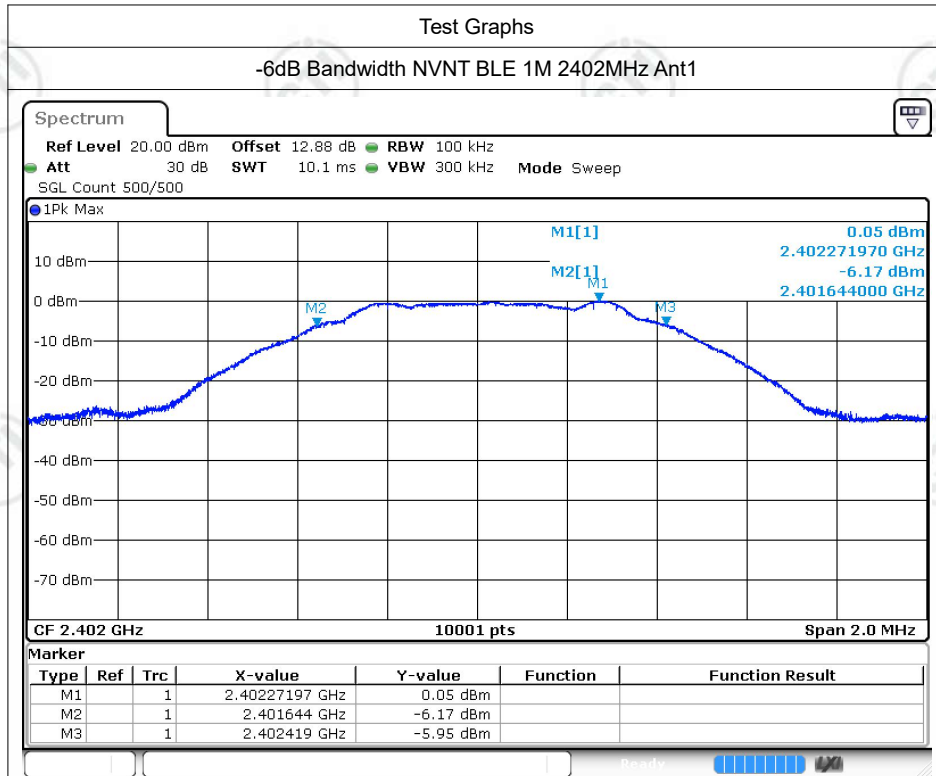
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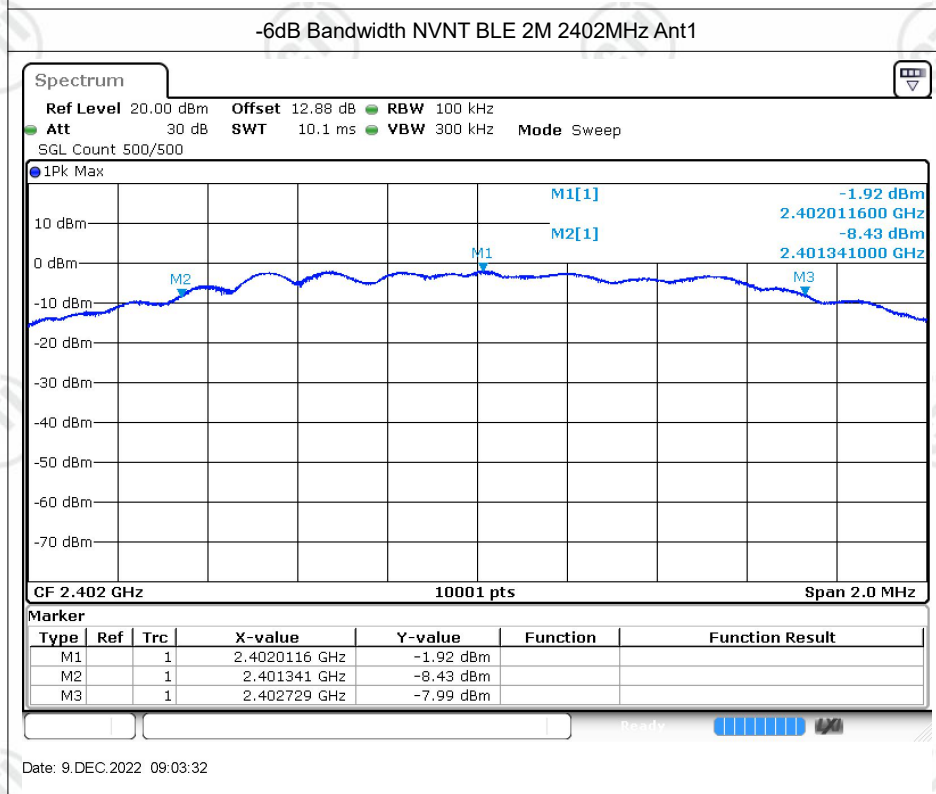
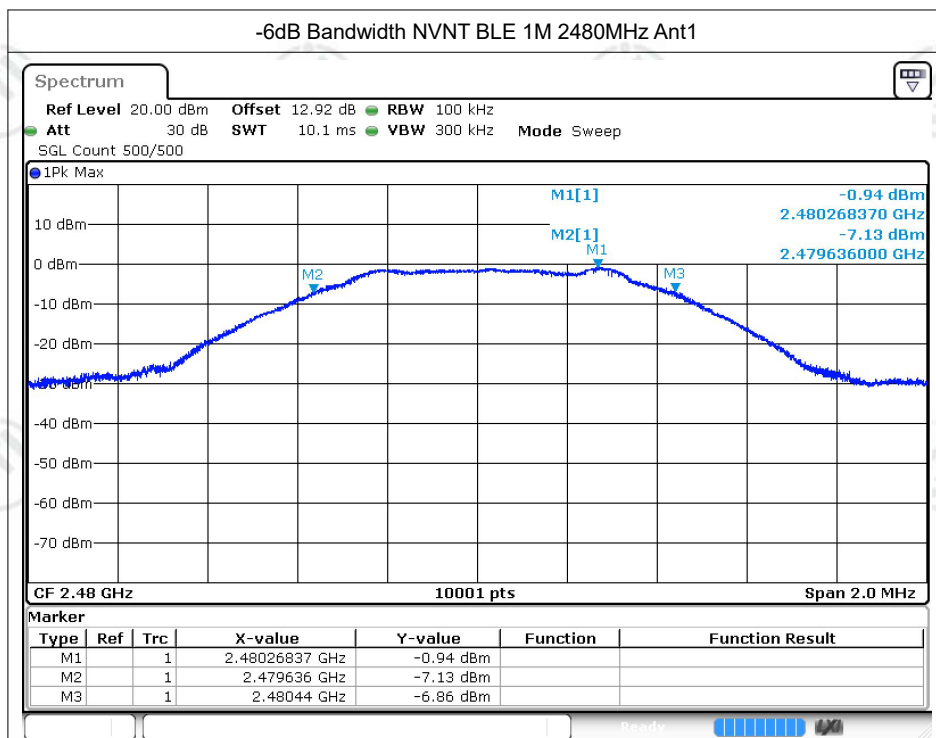


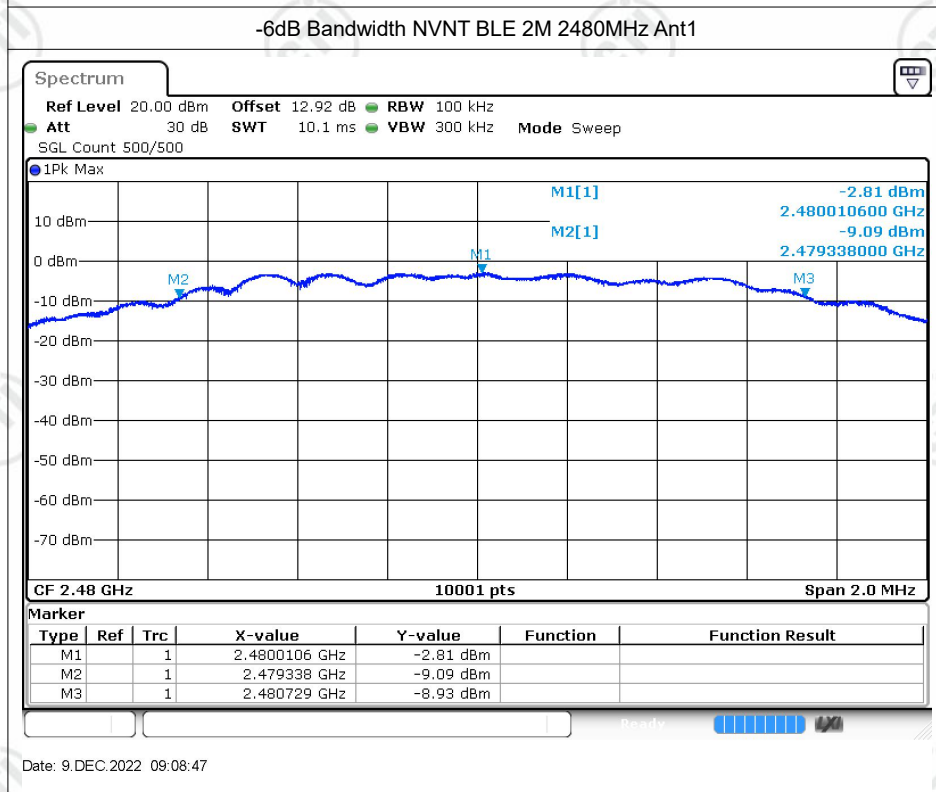
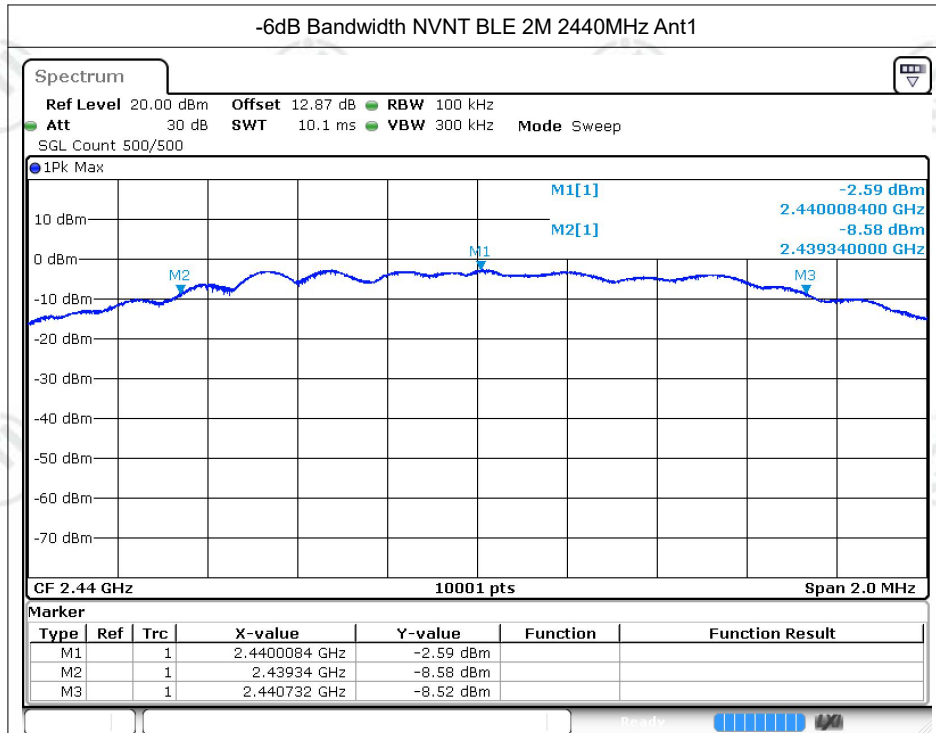
Date: 9.DEC.2022 09:08:21

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.775	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.774	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.805	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.387	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.392	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.392	0.5	Pass

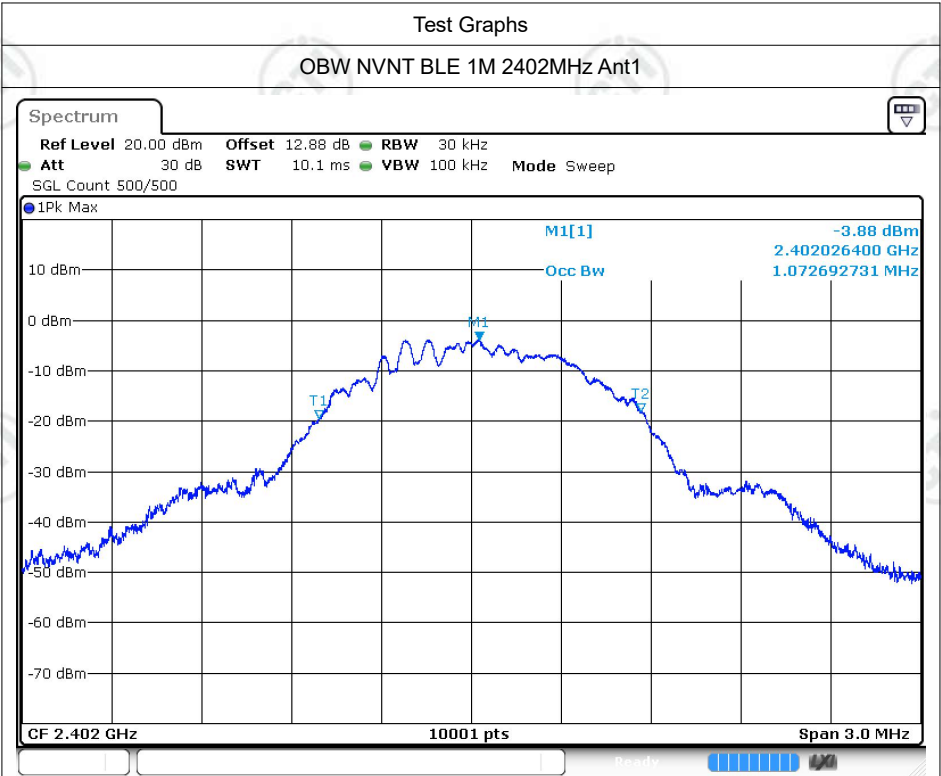




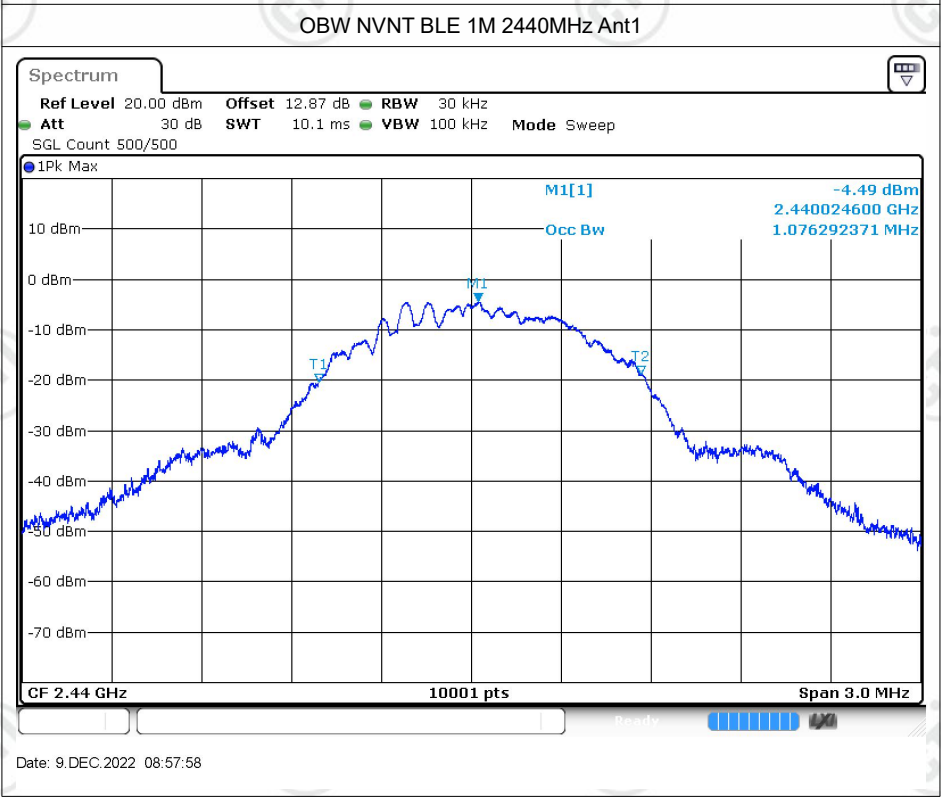


Occupied Channel Bandwidth

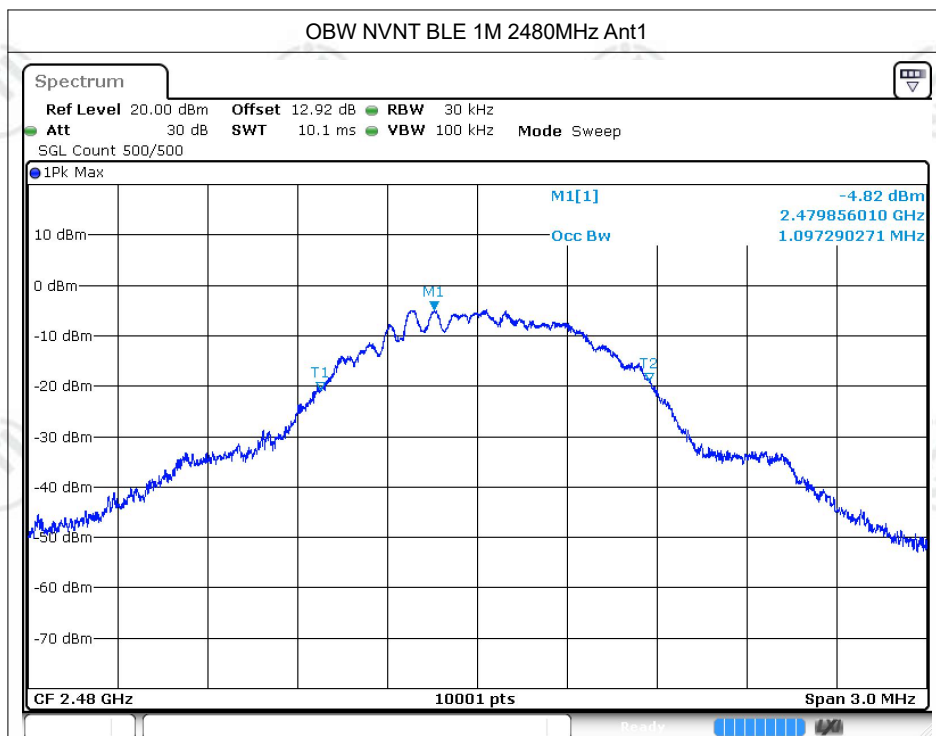
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.073
NVNT	BLE 1M	2440	Ant1	1.076
NVNT	BLE 1M	2480	Ant1	1.097
NVNT	BLE 2M	2402	Ant1	2.09
NVNT	BLE 2M	2440	Ant1	2.095
NVNT	BLE 2M	2480	Ant1	2.099



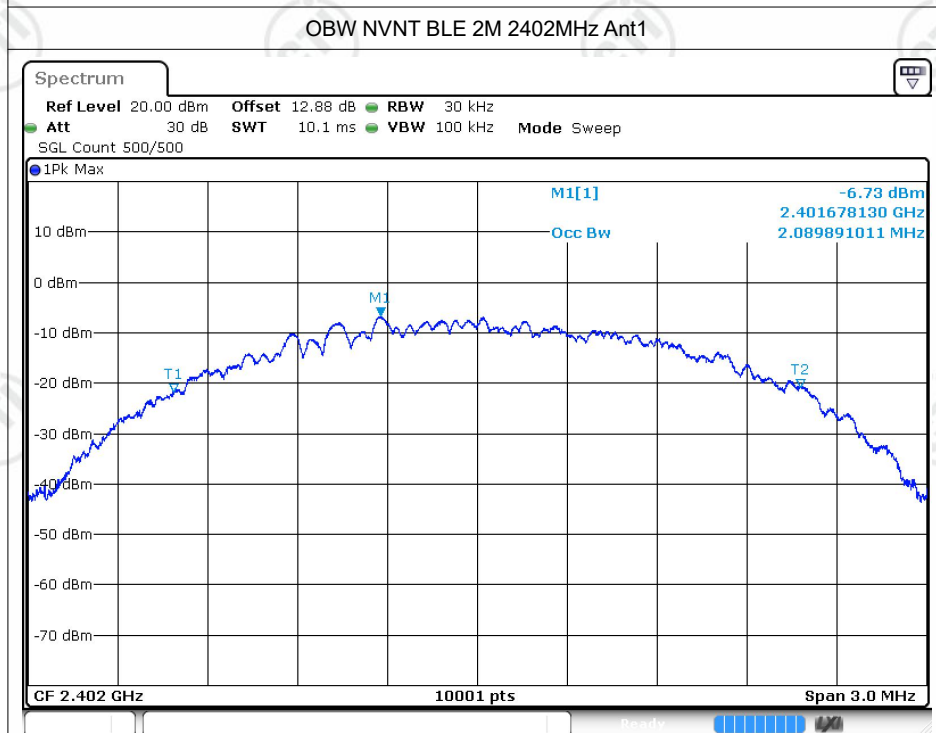
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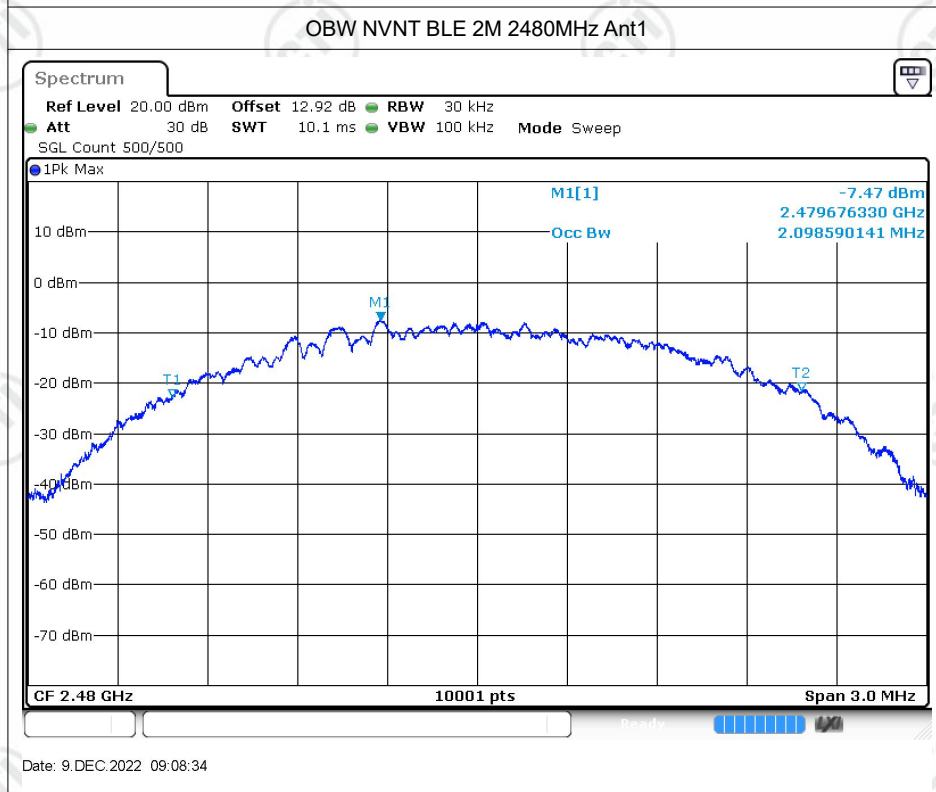
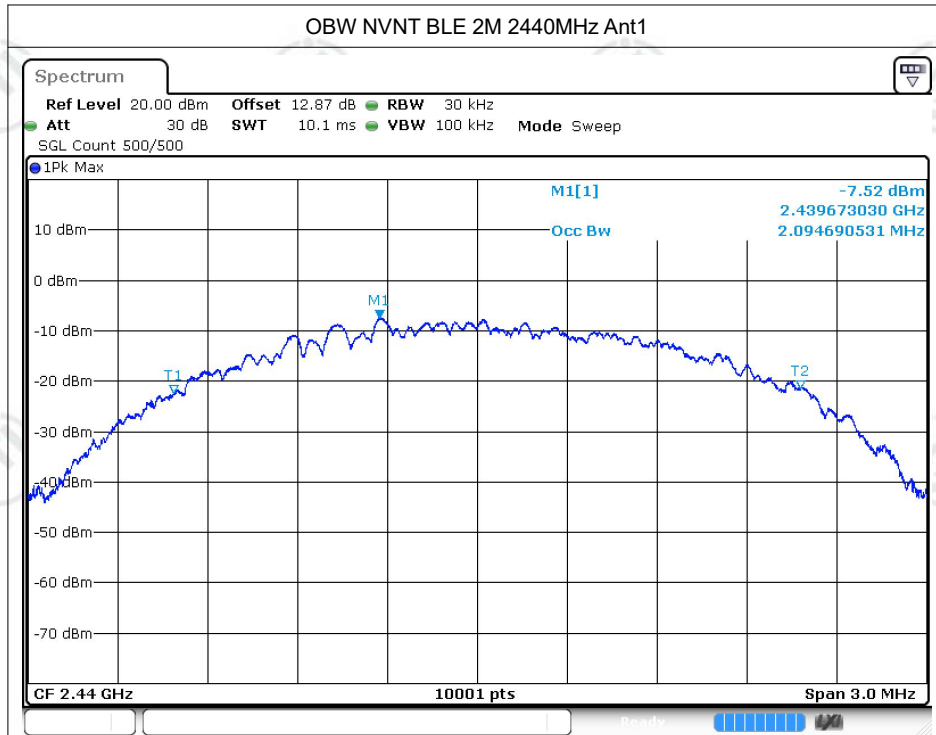
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Date: 9.DEC.2022 09:00:17

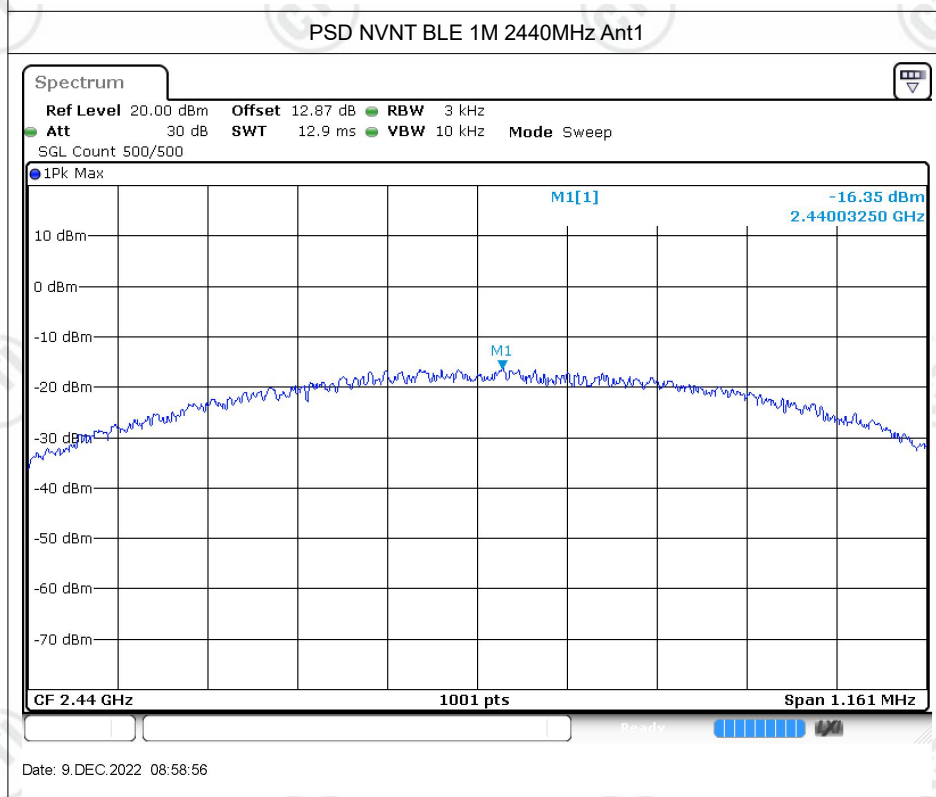
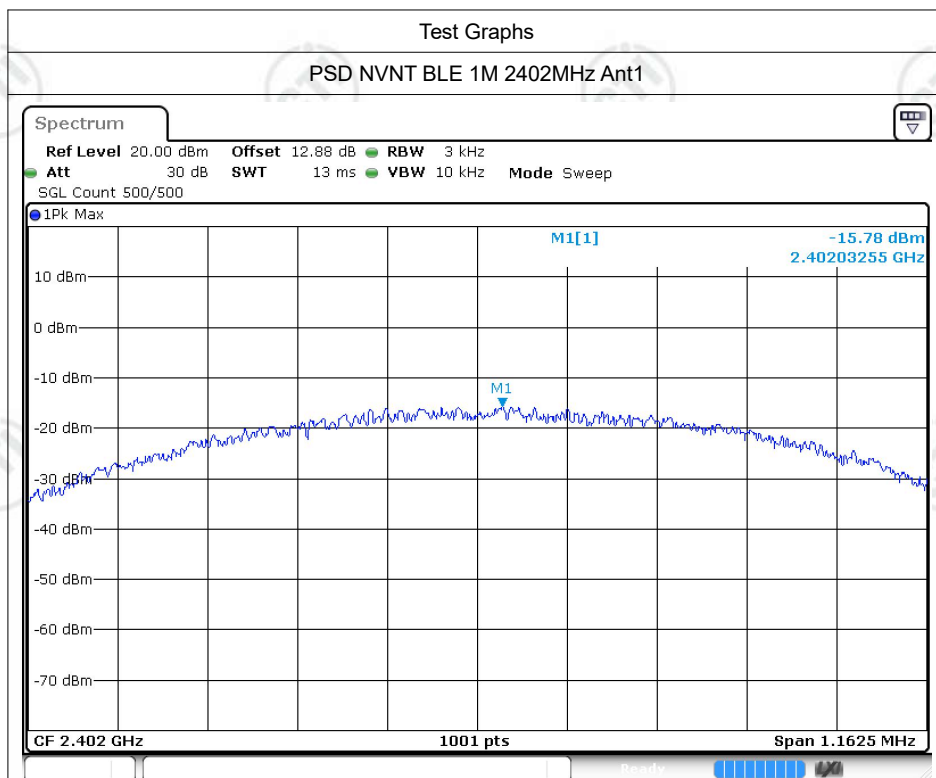


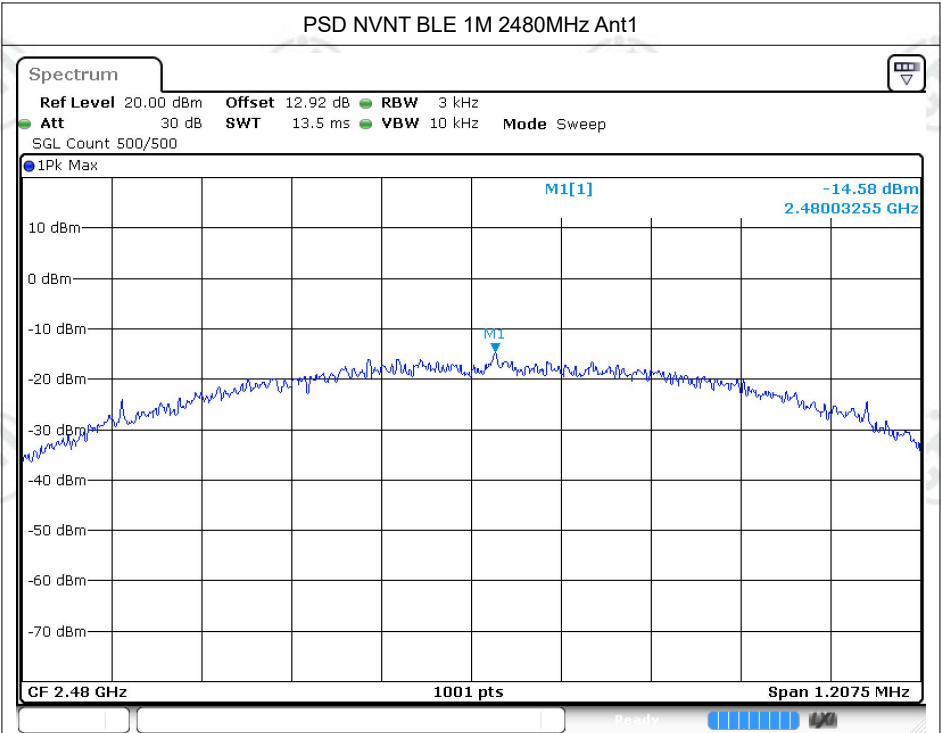
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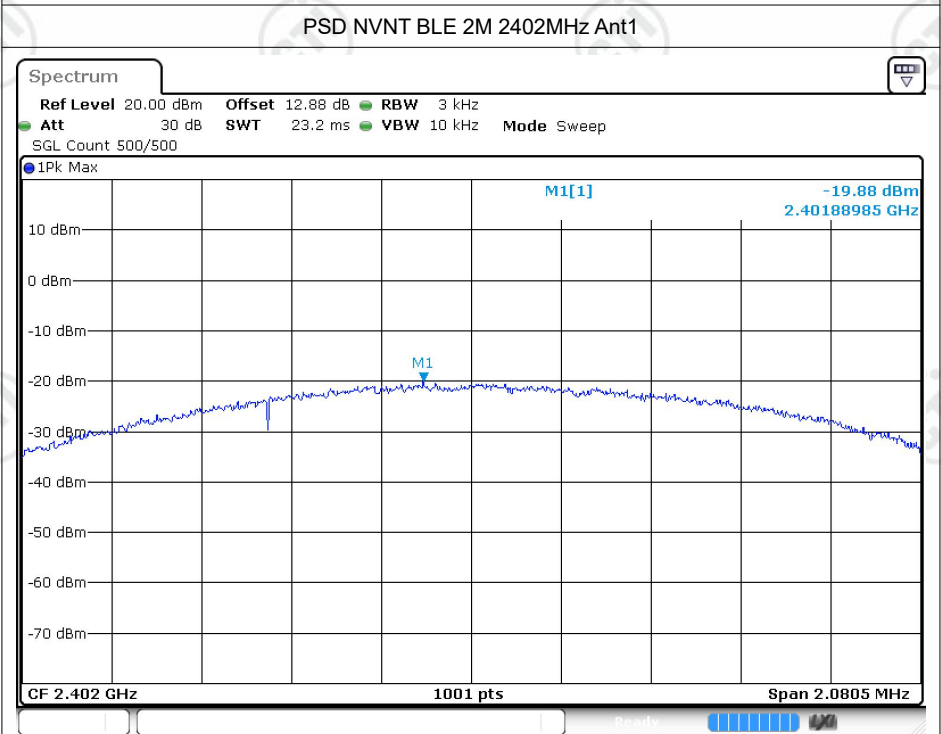
Maximum Power Spectral Density Level

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	-15.78	0	-15.78	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.35	0	-16.35	8	Pass
NVNT	BLE 1M	2480	Ant1	-14.58	0	-14.58	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.88	0	-19.88	8	Pass
NVNT	BLE 2M	2440	Ant1	-20.97	0	-20.97	8	Pass
NVNT	BLE 2M	2480	Ant1	-20.43	0	-20.43	8	Pass





Date: 9.DEC.2022 09:00:55



Date: 9.DEC.2022 09:04:06