

Appendix: Bluetooth LE

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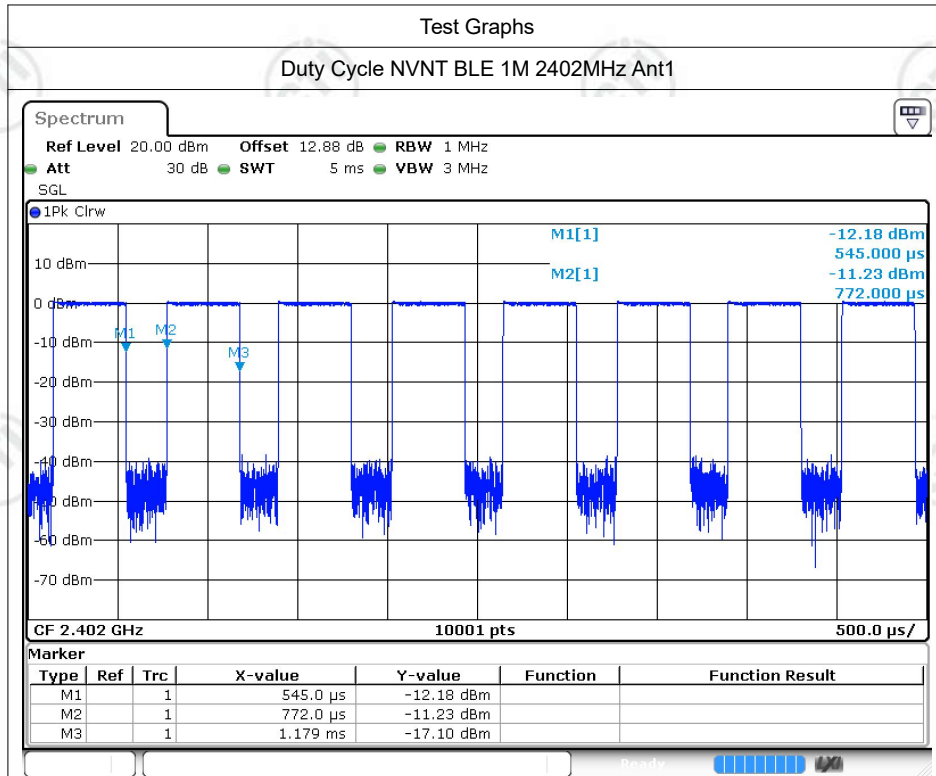
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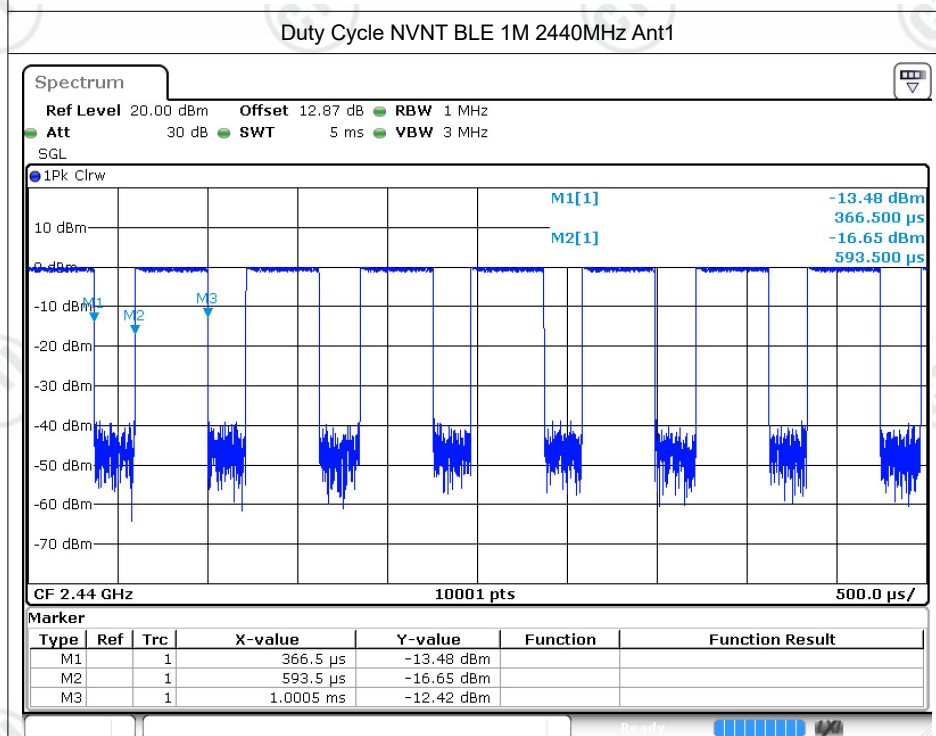
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Duty Cycle

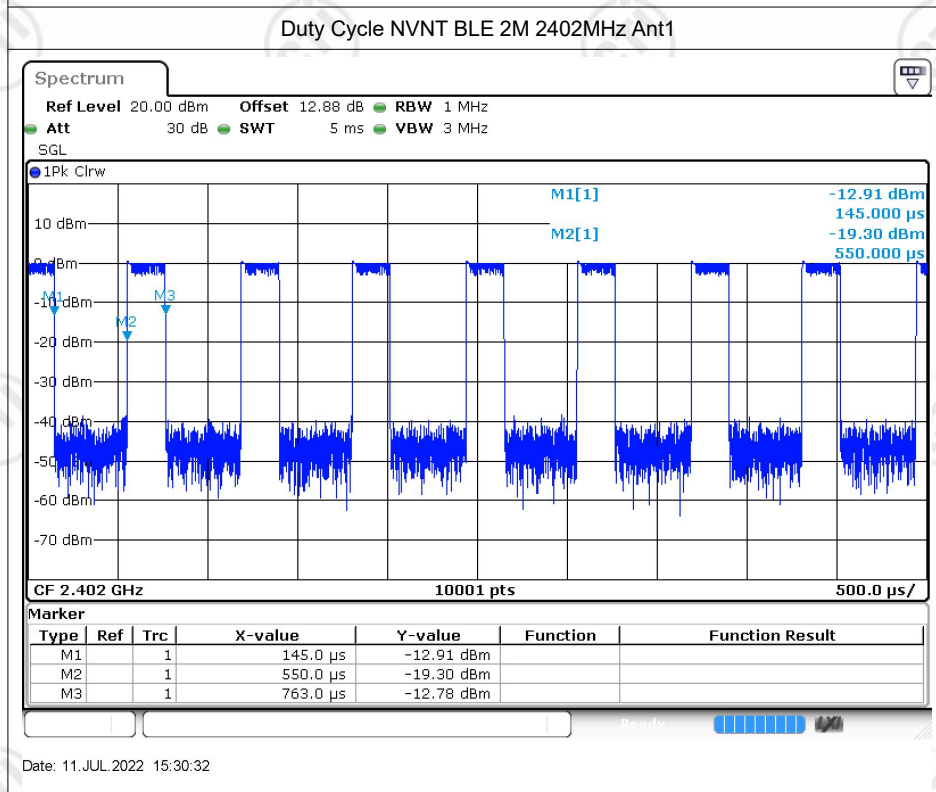
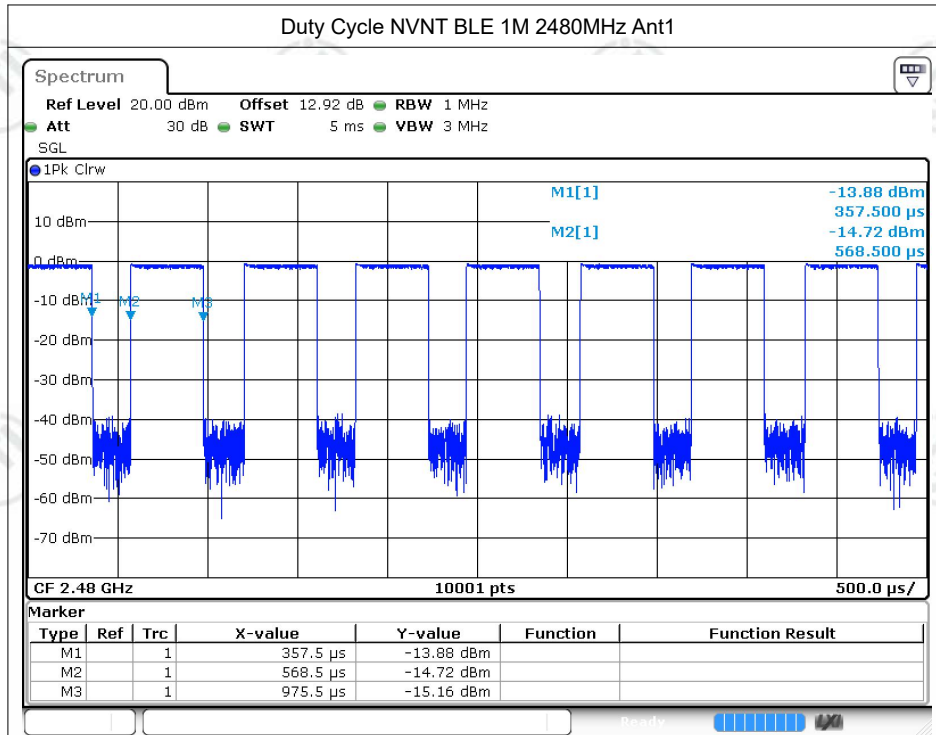
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	64.2	1.92	2.46
NVNT	BLE 1M	2440	Ant1	64.2	1.92	2.46
NVNT	BLE 1M	2480	Ant1	65.86	1.81	2.46
NVNT	BLE 2M	2402	Ant1	34.47	4.63	4.69
NVNT	BLE 2M	2440	Ant1	33.6	4.74	4.69
NVNT	BLE 2M	2480	Ant1	34.47	4.63	4.69

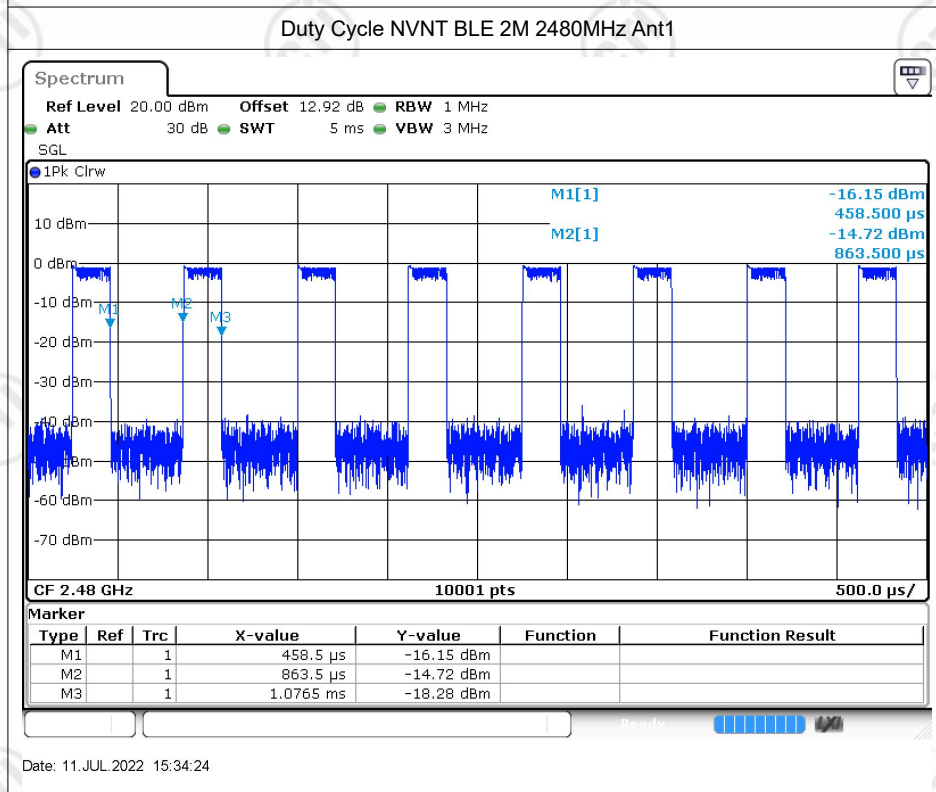
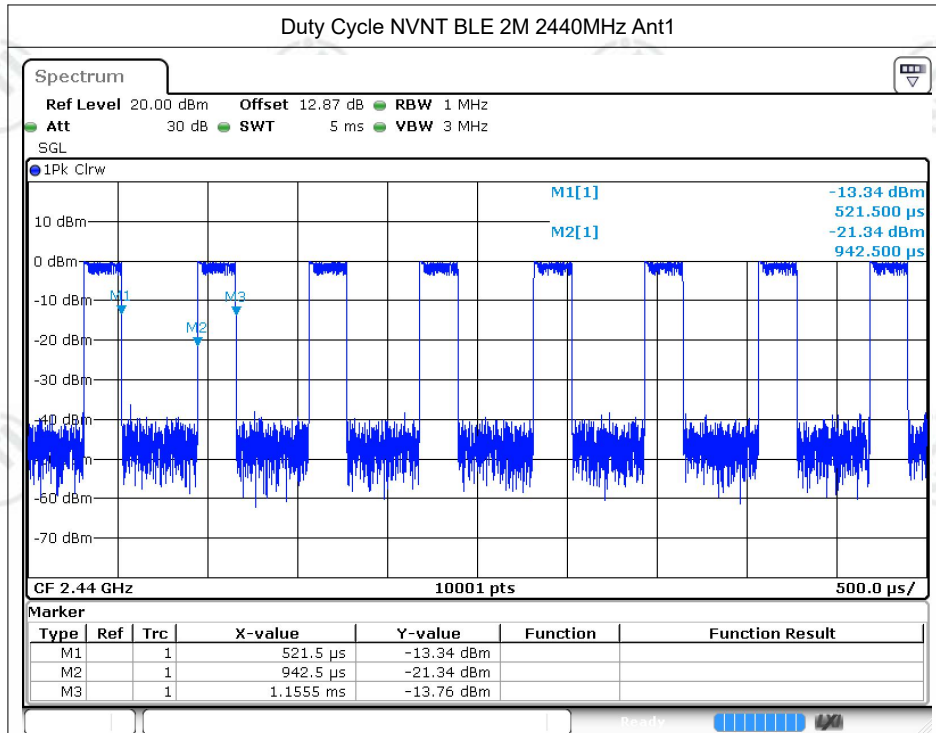


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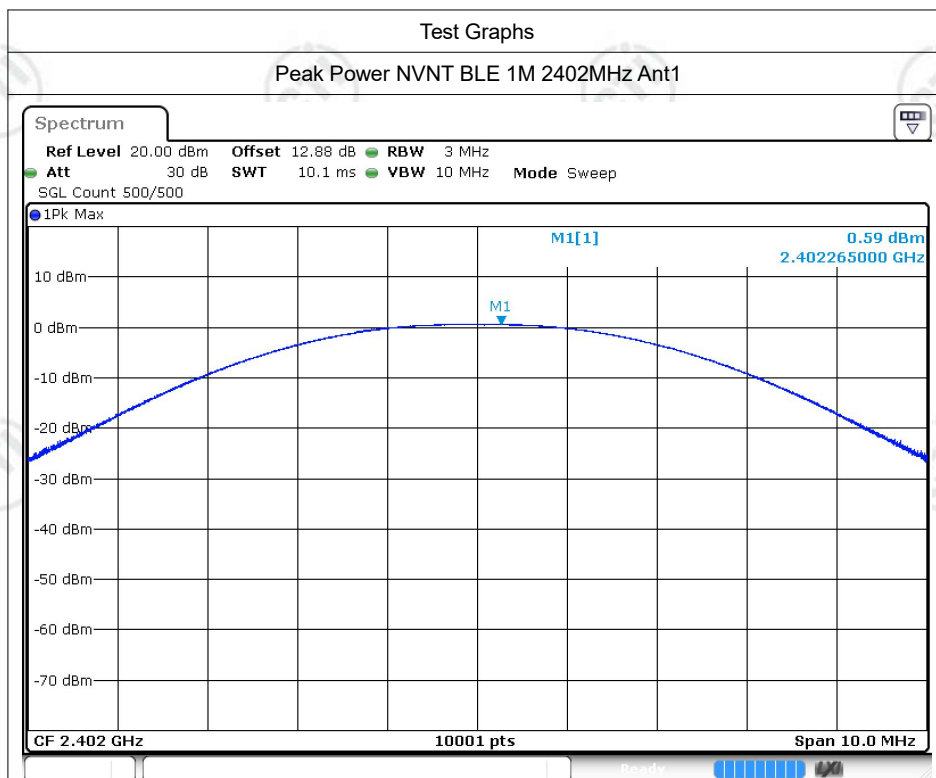
Date: 11.JUL.2022 15:26:44



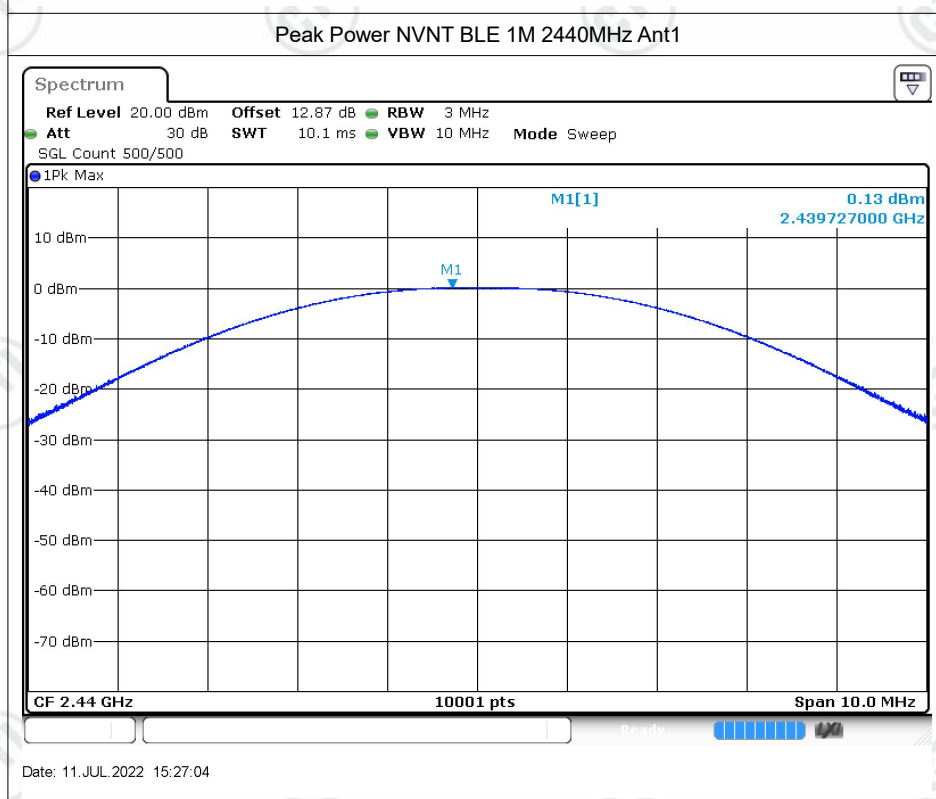


Maximum Peak Conducted Output Power

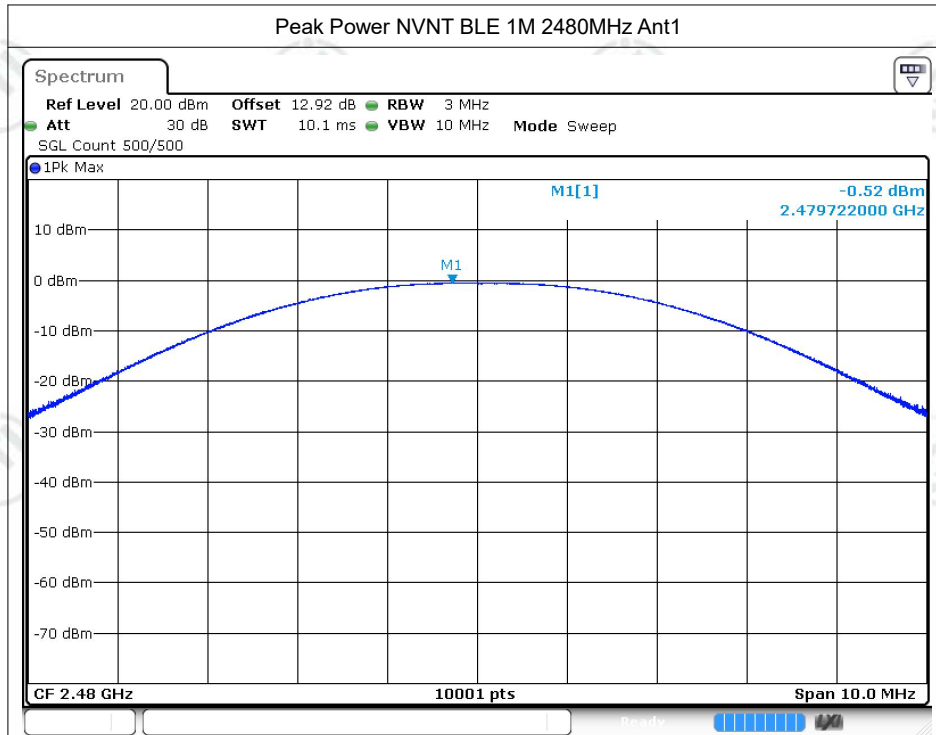
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.59	0	0.59	30	Pass
NVNT	BLE 1M	2440	Ant1	0.13	0	0.13	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.52	0	-0.52	30	Pass
NVNT	BLE 2M	2402	Ant1	0.59	0	0.59	30	Pass
NVNT	BLE 2M	2440	Ant1	0.14	0	0.14	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.53	0	-0.53	30	Pass



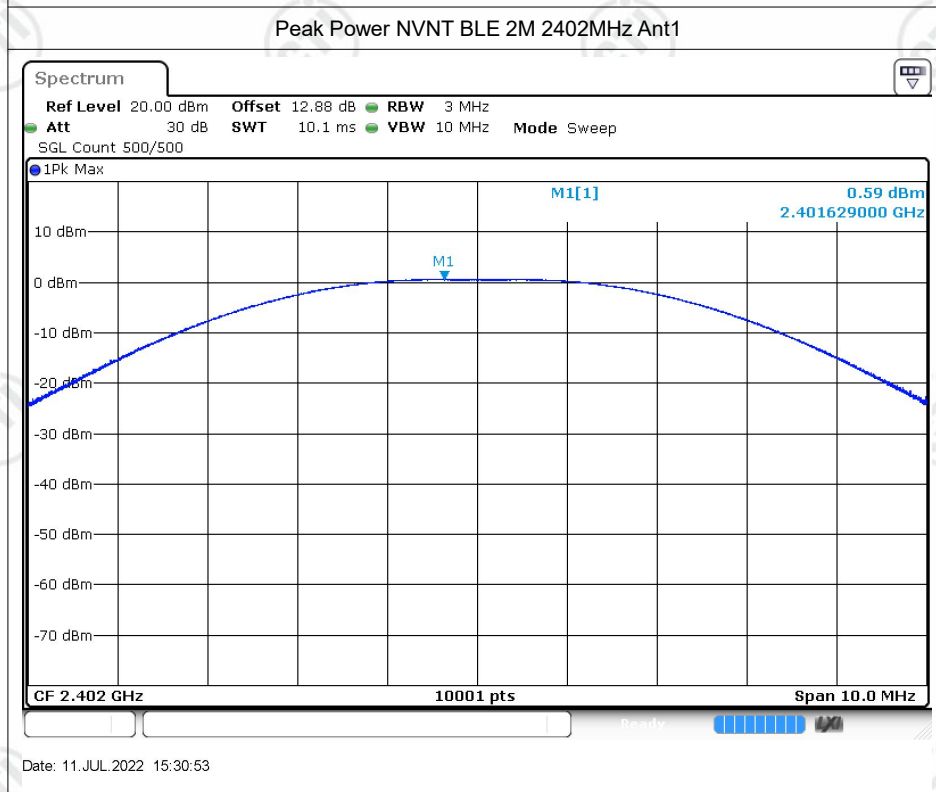
Date: 11.JUL.2022 15:25:22



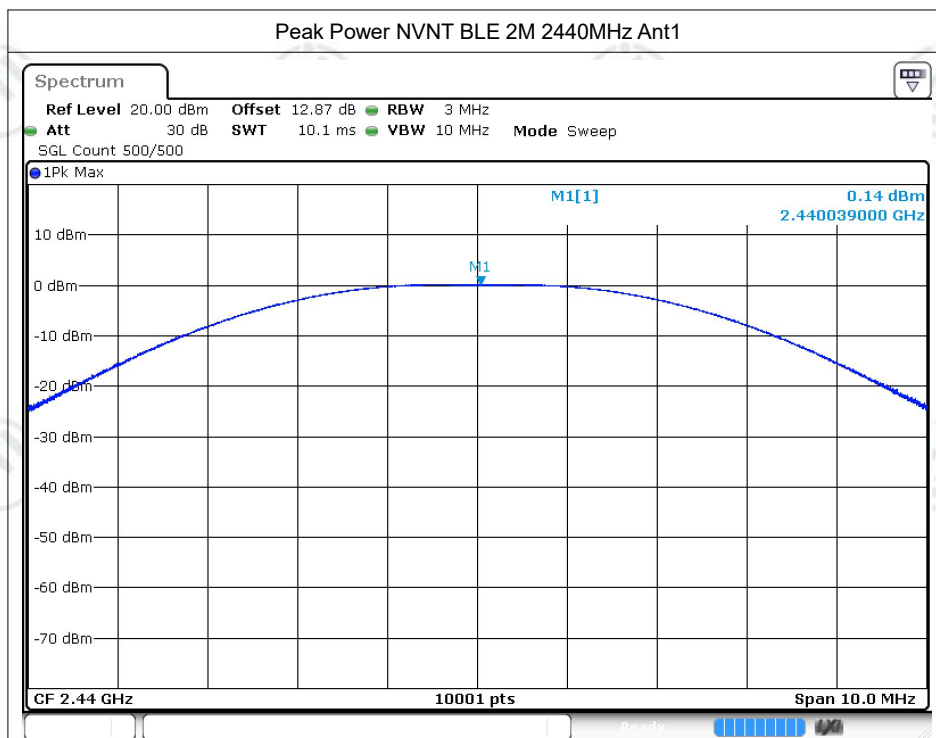
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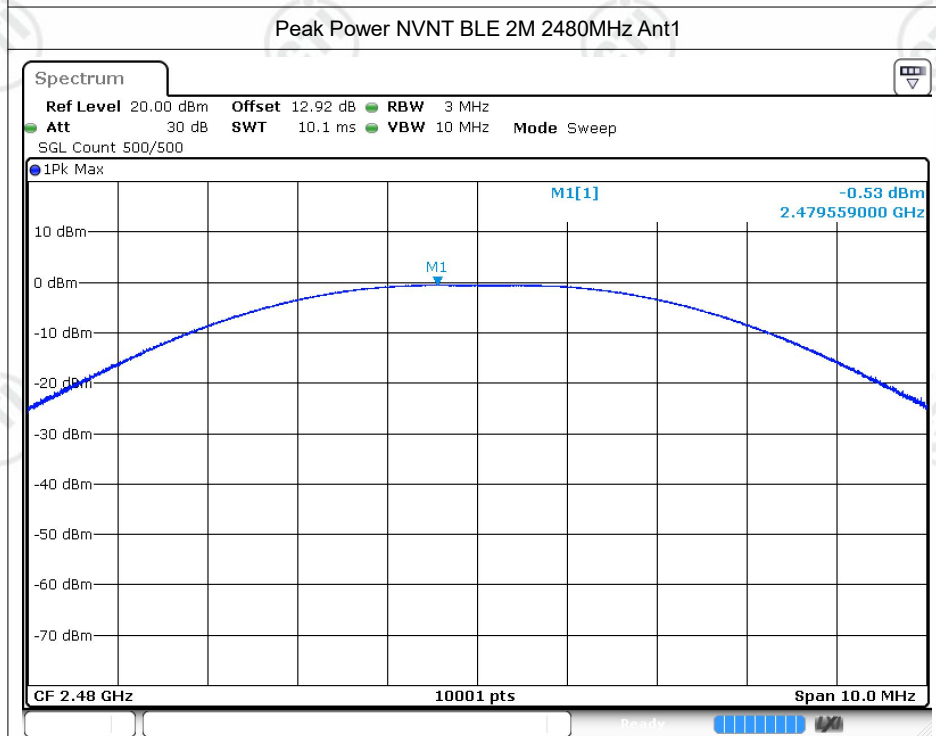
Date: 11.JUL.2022 15:28:49



Date: 11.JUL.2022 15:30:53



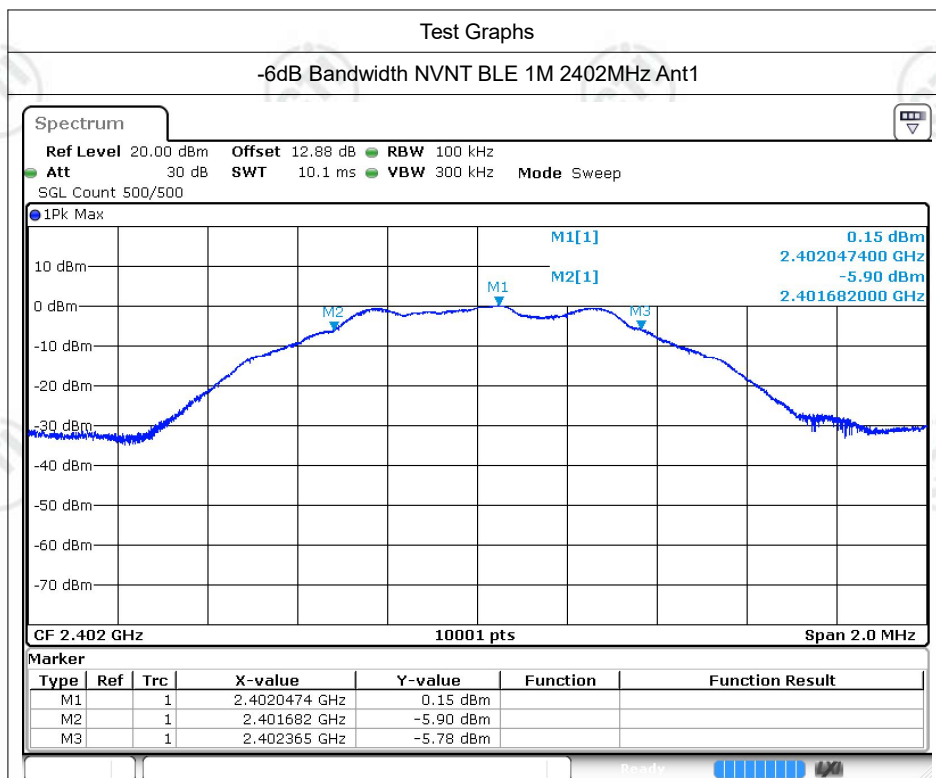
Date: 11. JUL. 2022 15:32:49



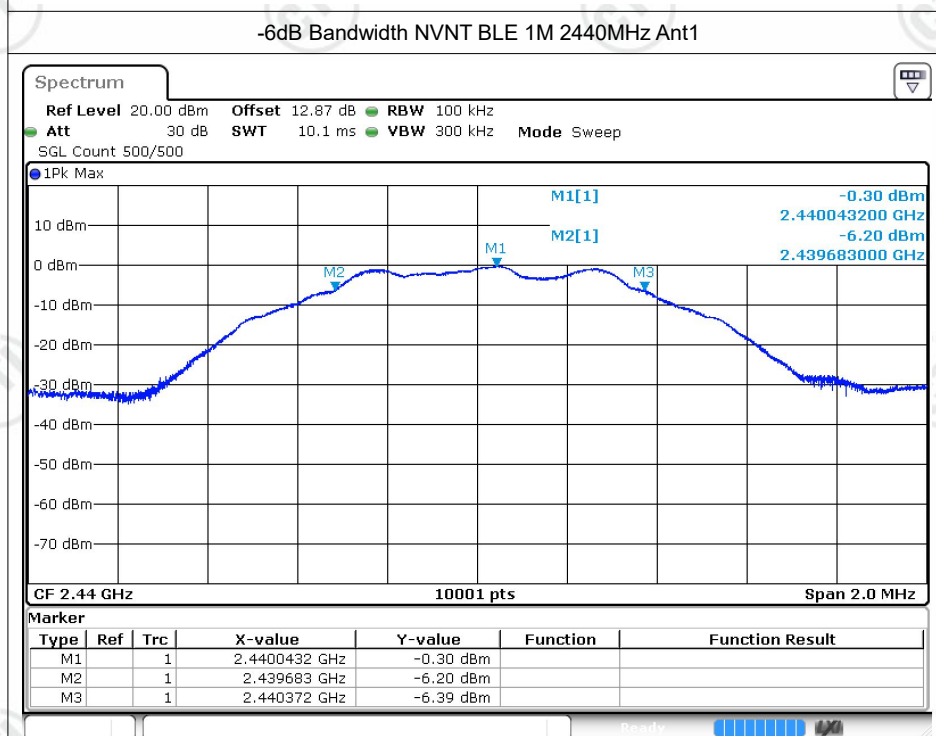
Date: 11. JUL. 2022 15:34:44

-6dB Bandwidth

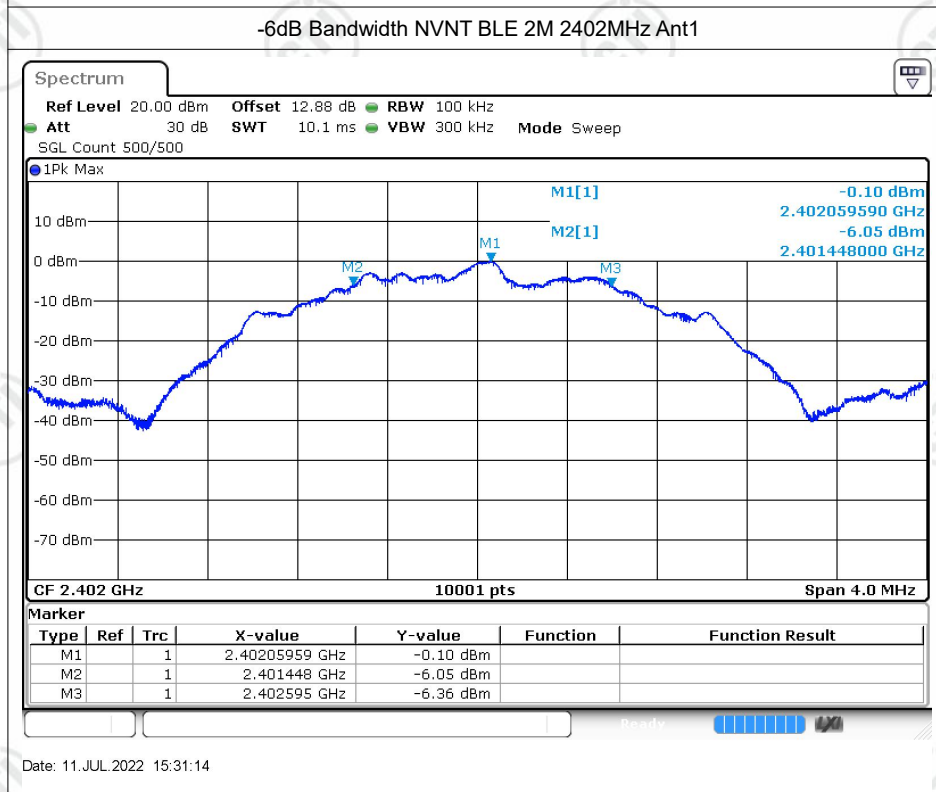
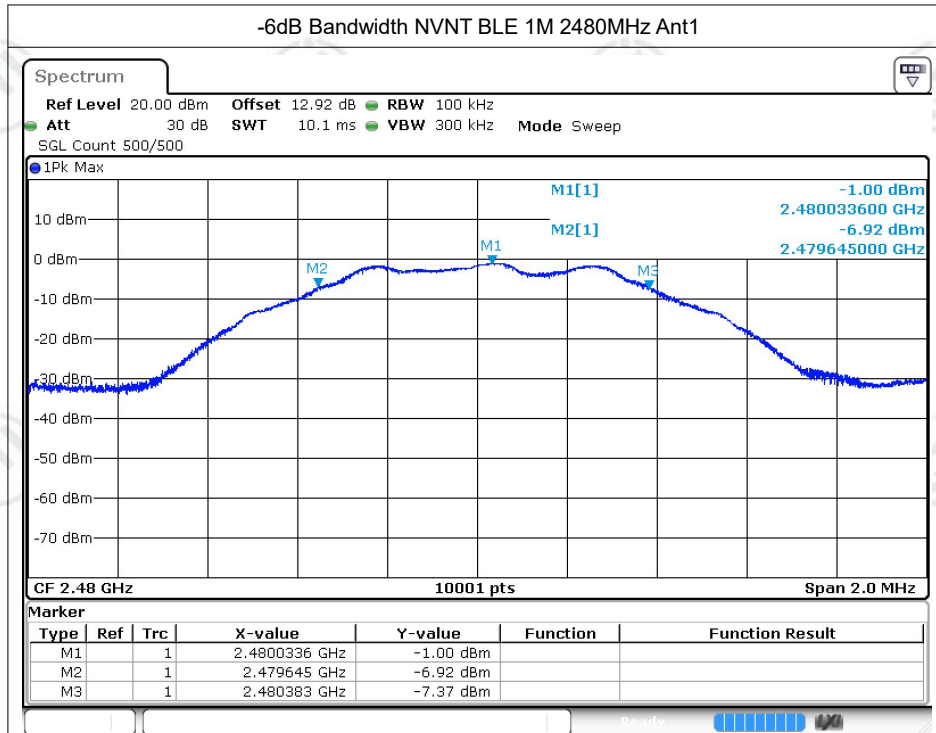
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.683	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.689	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.738	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.147	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.147	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.16	0.5	Pass

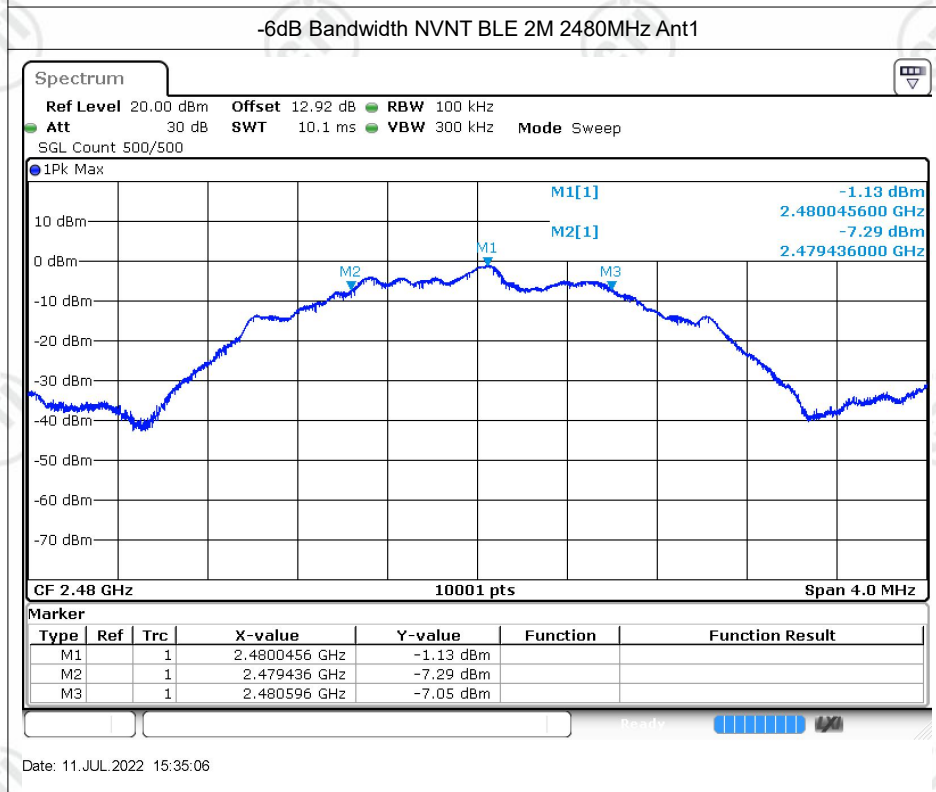
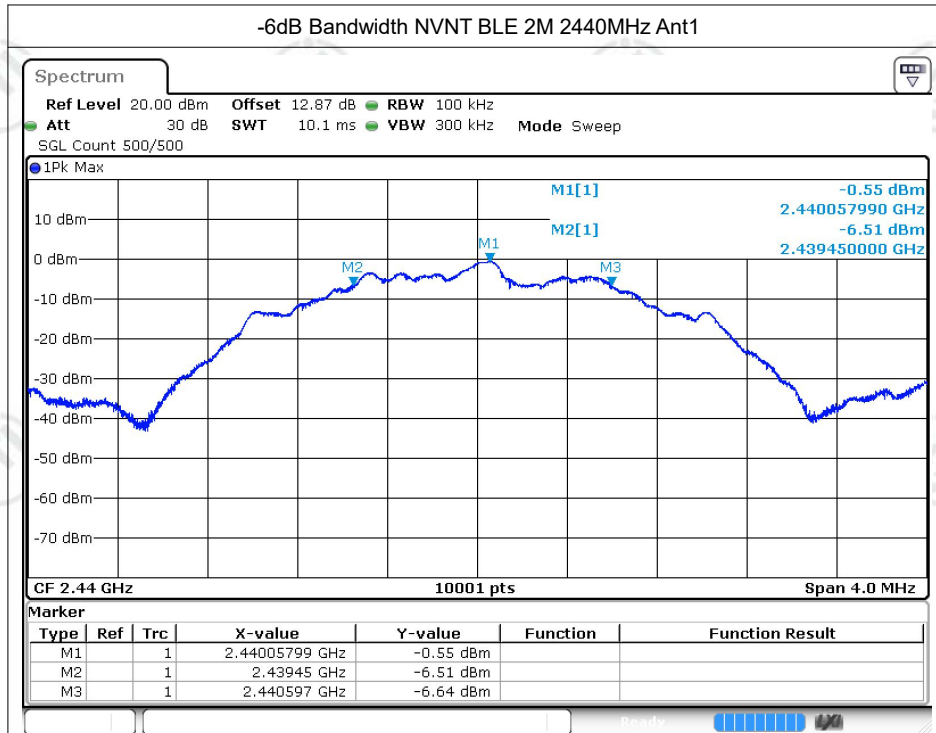


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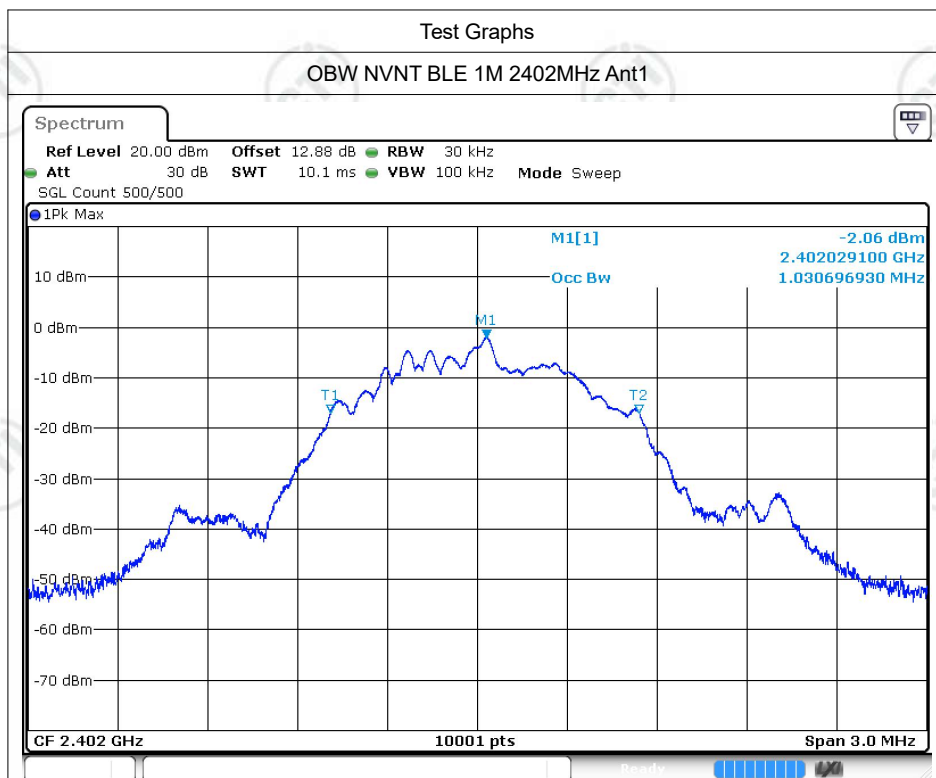
Date: 11.JUL.2022 15:27:26



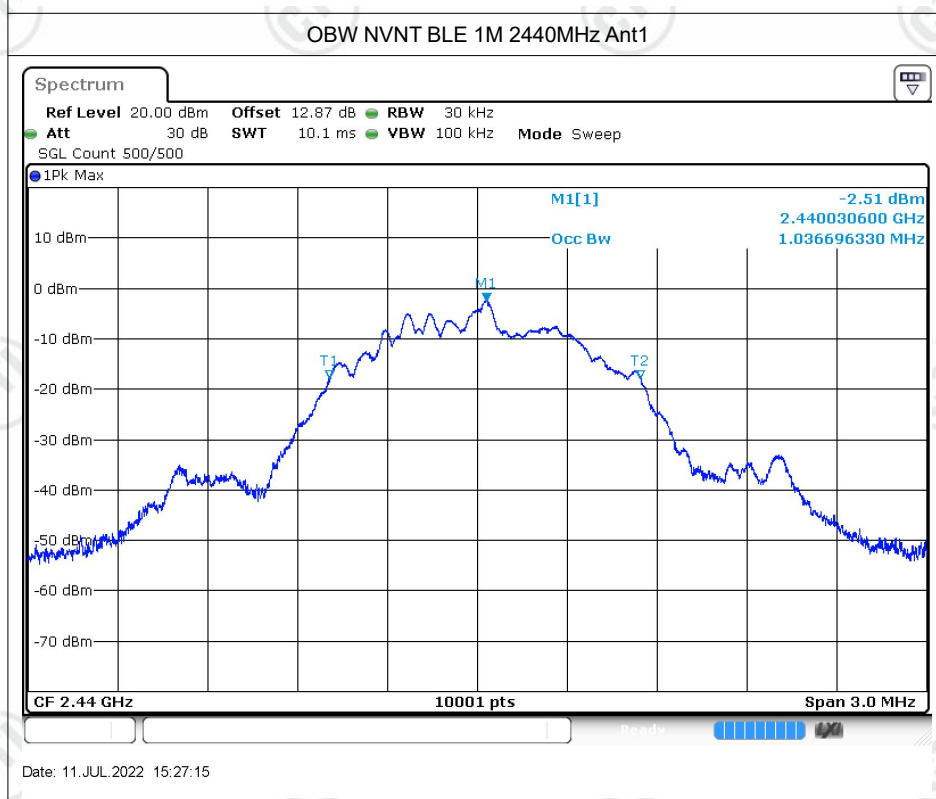


Occupied Channel Bandwidth

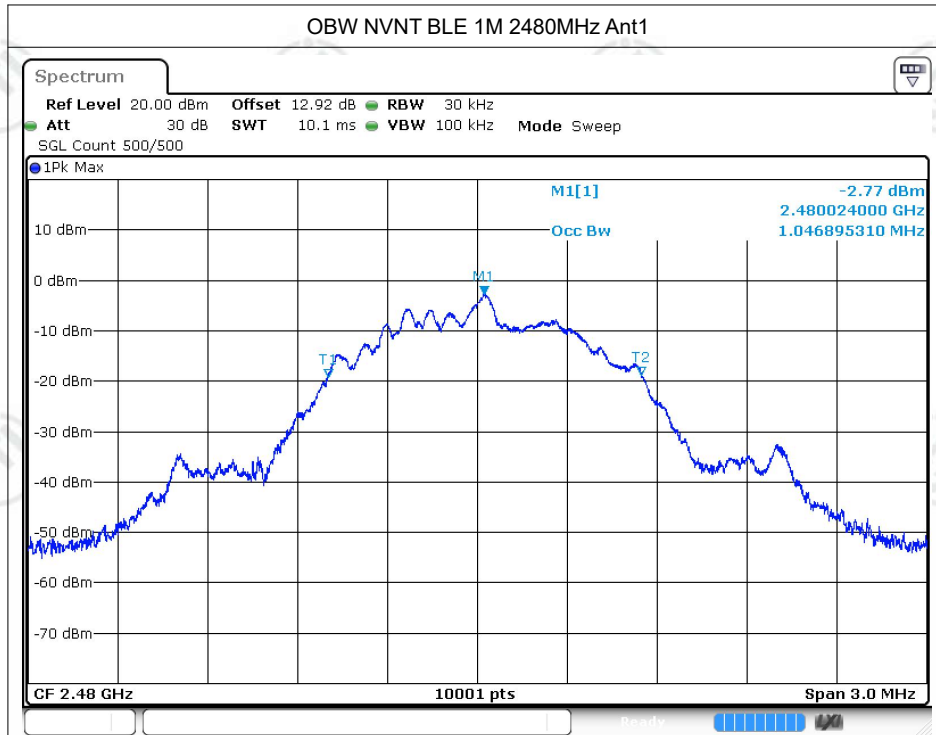
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.031
NVNT	BLE 1M	2440	Ant1	1.037
NVNT	BLE 1M	2480	Ant1	1.047
NVNT	BLE 2M	2402	Ant1	2.049
NVNT	BLE 2M	2440	Ant1	2.048
NVNT	BLE 2M	2480	Ant1	2.05



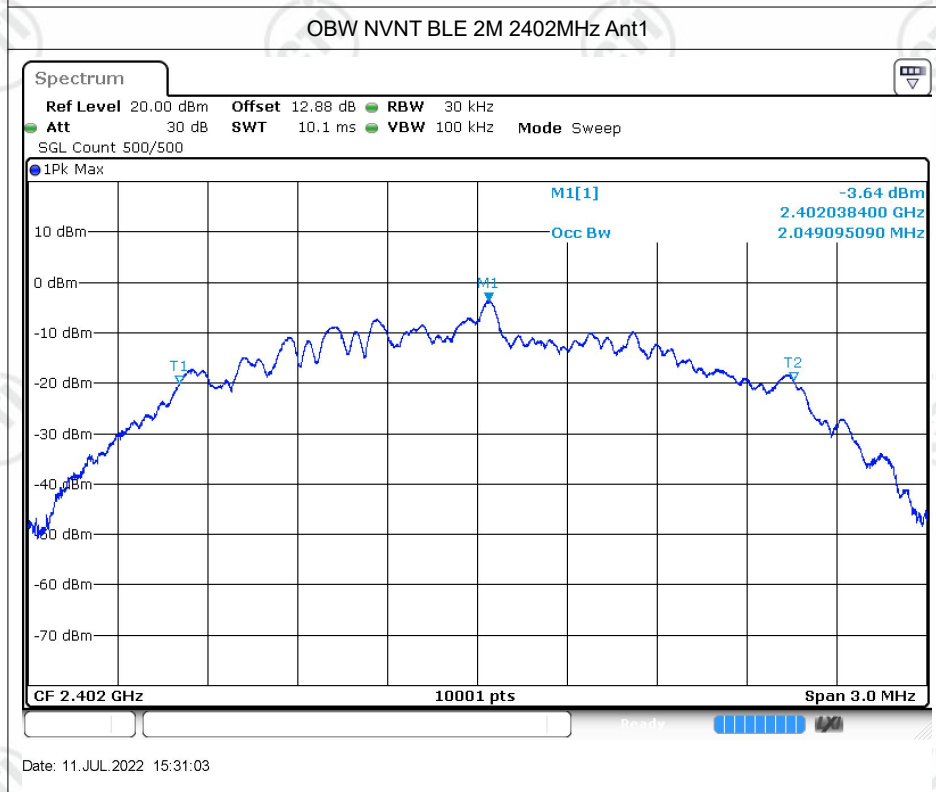
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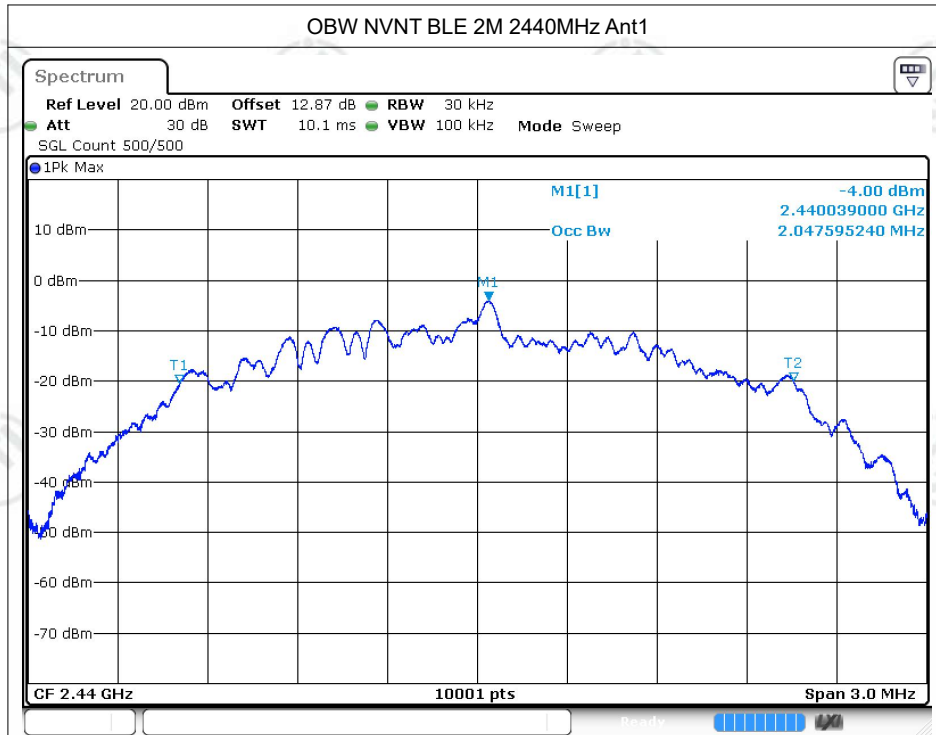
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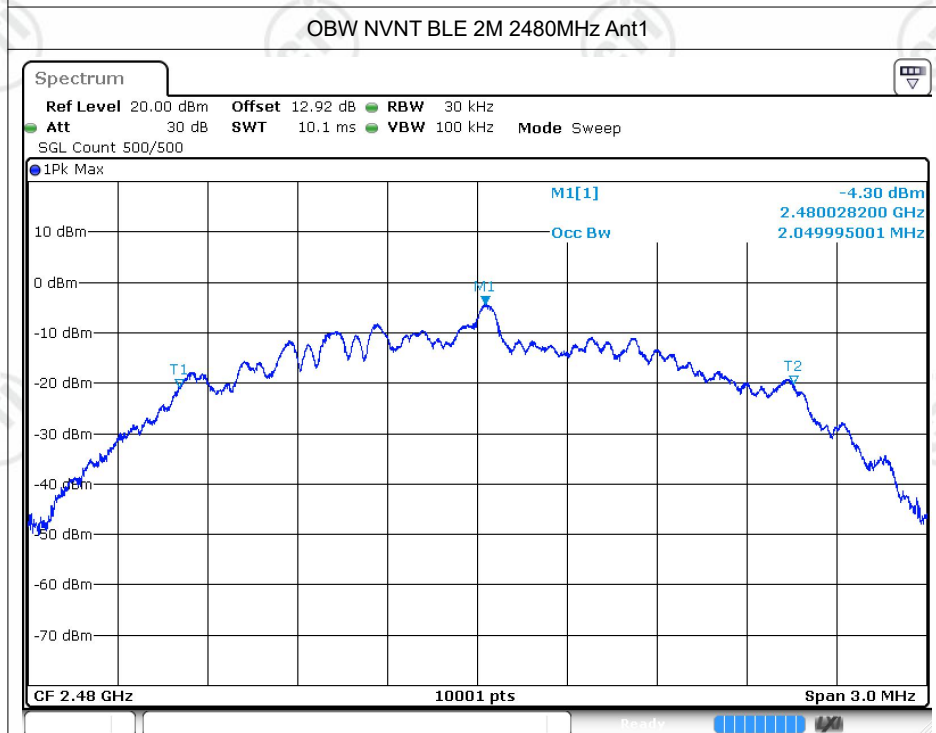
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Date: 11.JUL.2022 15:31:03



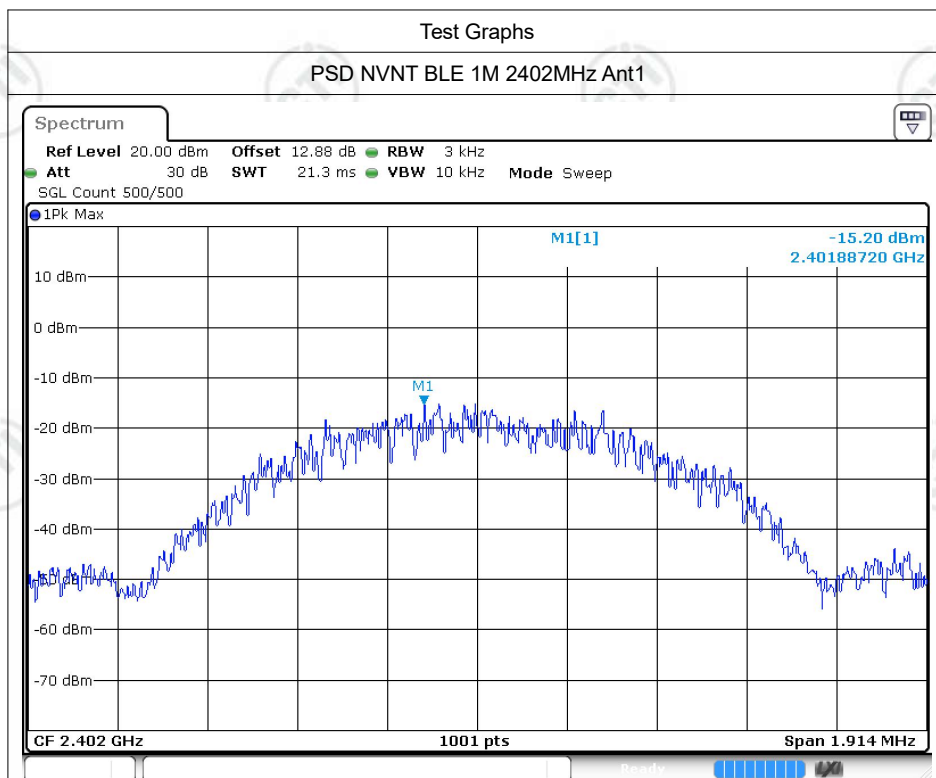
Date: 11. JUL. 2022 15:33:00



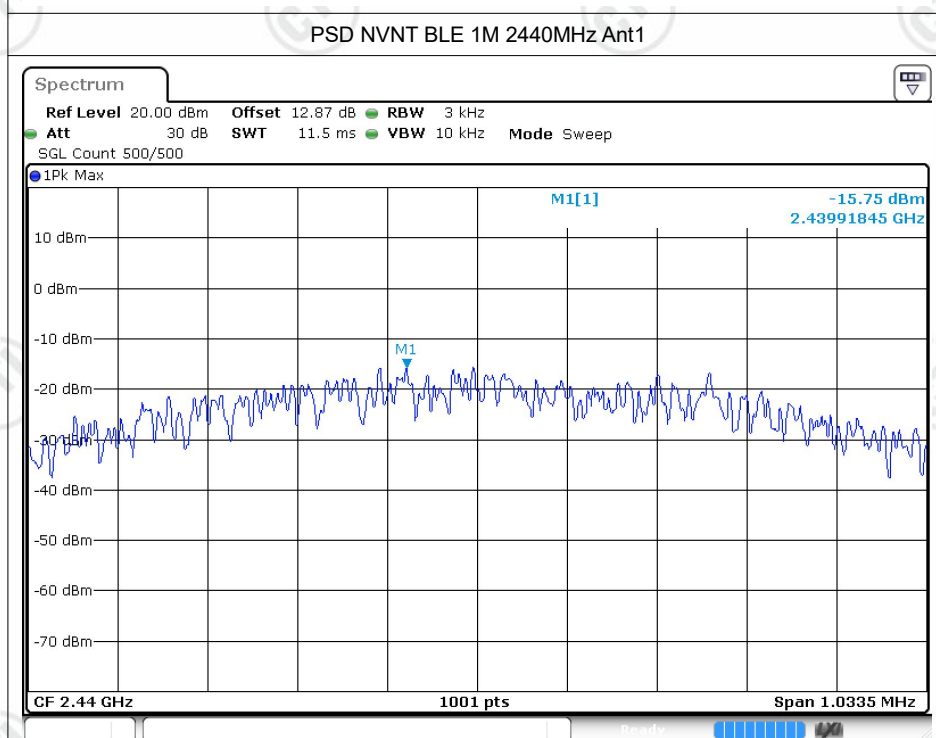
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Maximum Power Spectral Density Level

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	-15.2	0	-15.2	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.75	0	-15.75	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.45	0	-15.45	8	Pass
NVNT	BLE 2M	2402	Ant1	-17.1	0	-17.1	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.81	0	-17.81	8	Pass
NVNT	BLE 2M	2480	Ant1	-18.19	0	-18.19	8	Pass



Date: 11.JUL.2022 15:22:43



Date: 11.JUL.2022 15:27:44