

Appendix: Bluetooth LE

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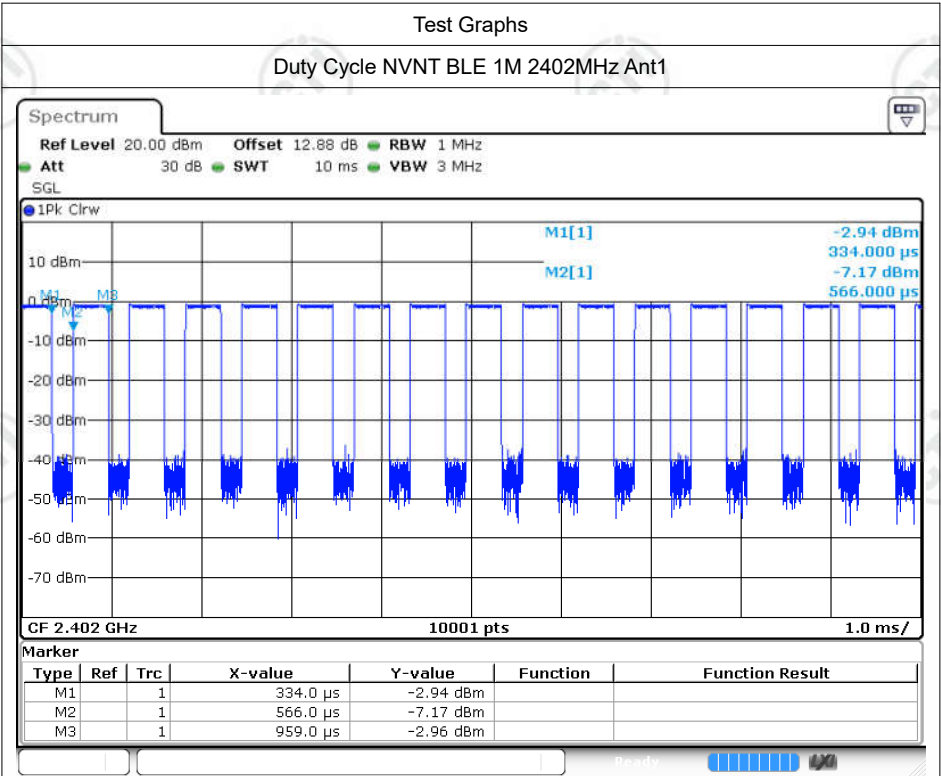
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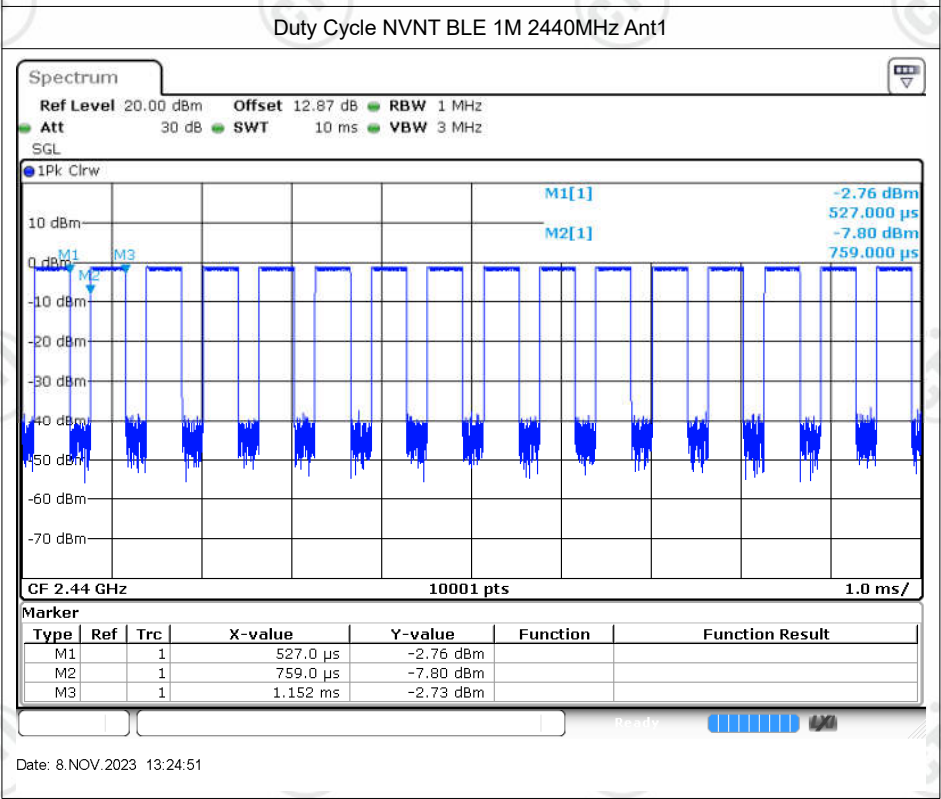
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Duty Cycle

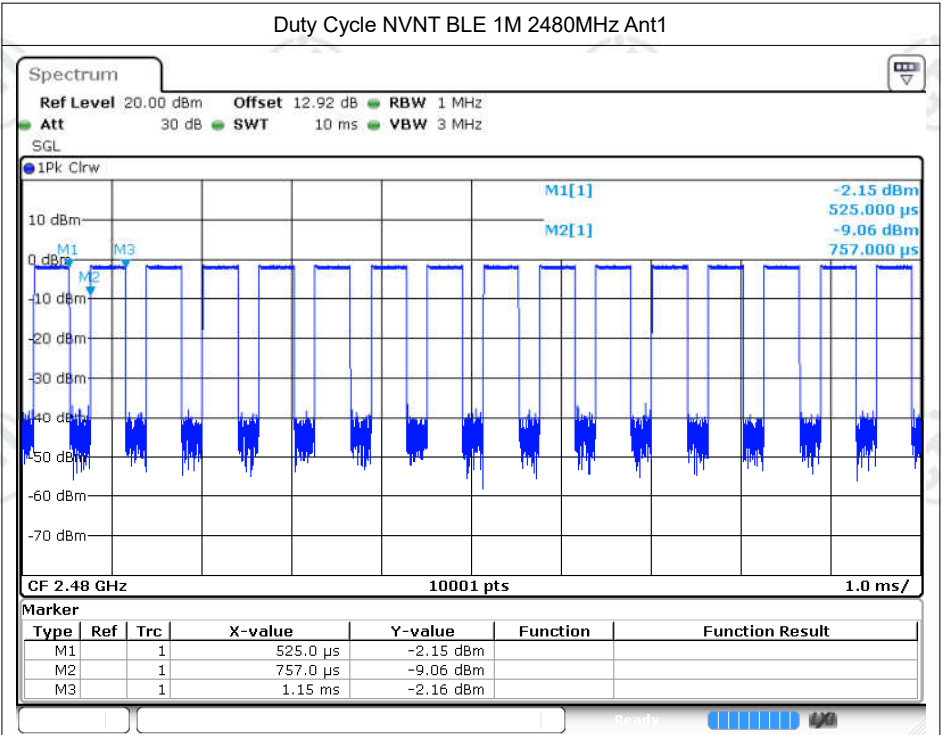
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2440	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2480	Ant1	62.88	2.01	2.54
NVNT	BLE 2M	2402	Ant1	33.44	4.76	4.78
NVNT	BLE 2M	2440	Ant1	33.44	4.76	4.78
NVNT	BLE 2M	2480	Ant1	33.44	4.76	4.78



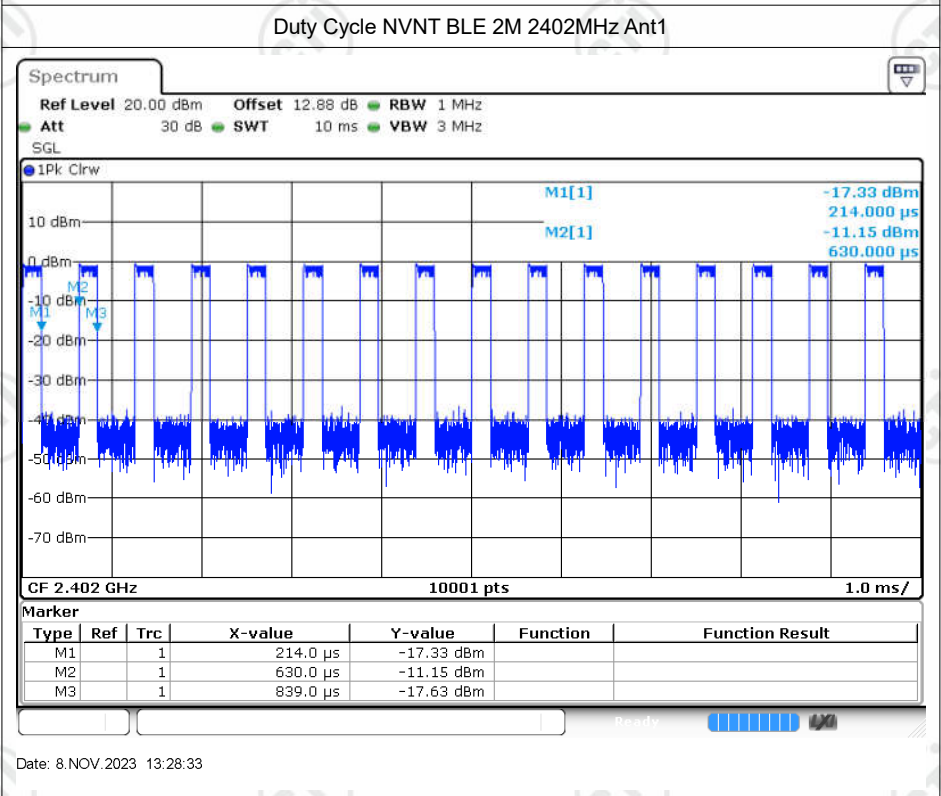
Date: 8.NOV.2023 13:22:51



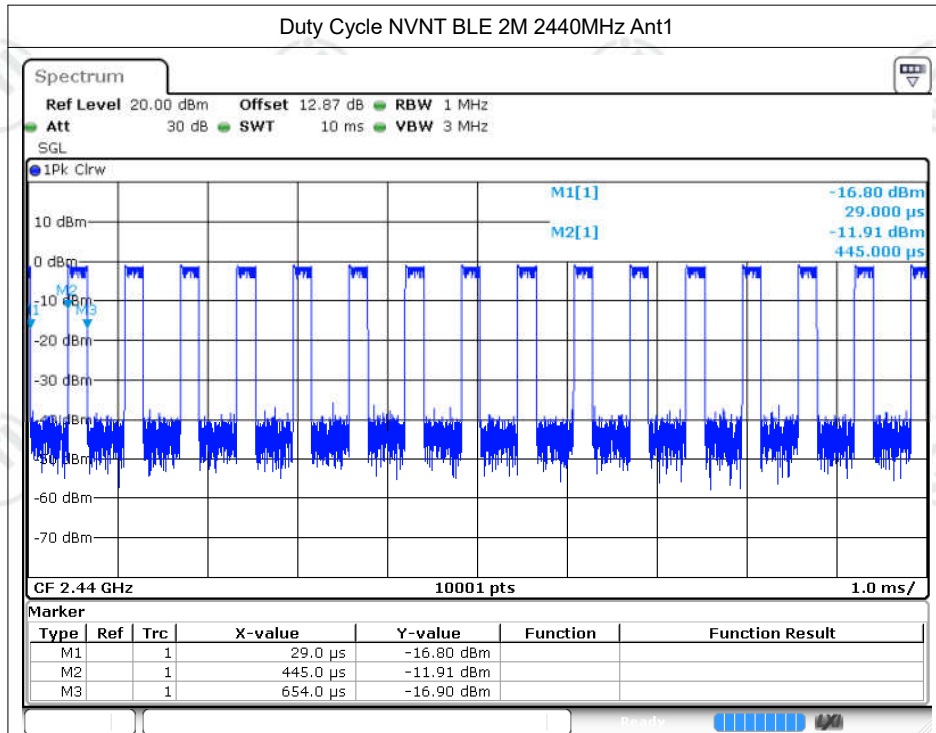
Date: 8.NOV.2023 13:24:51



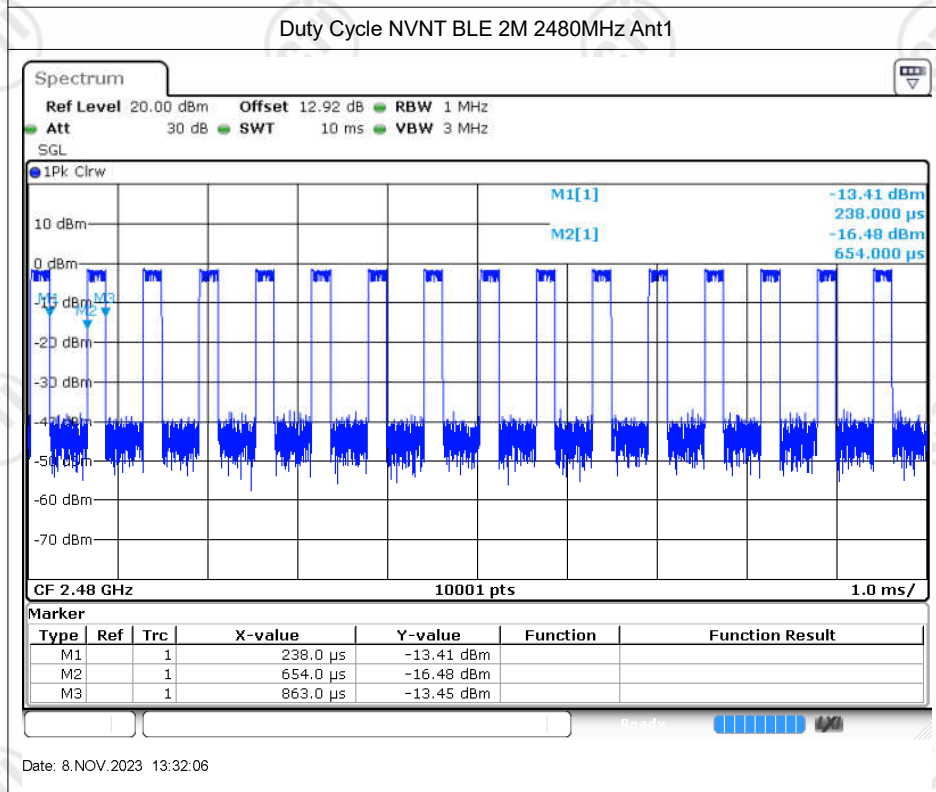
Date: 8.NOV.2023 13:26:31



Date: 8.NOV.2023 13:28:33



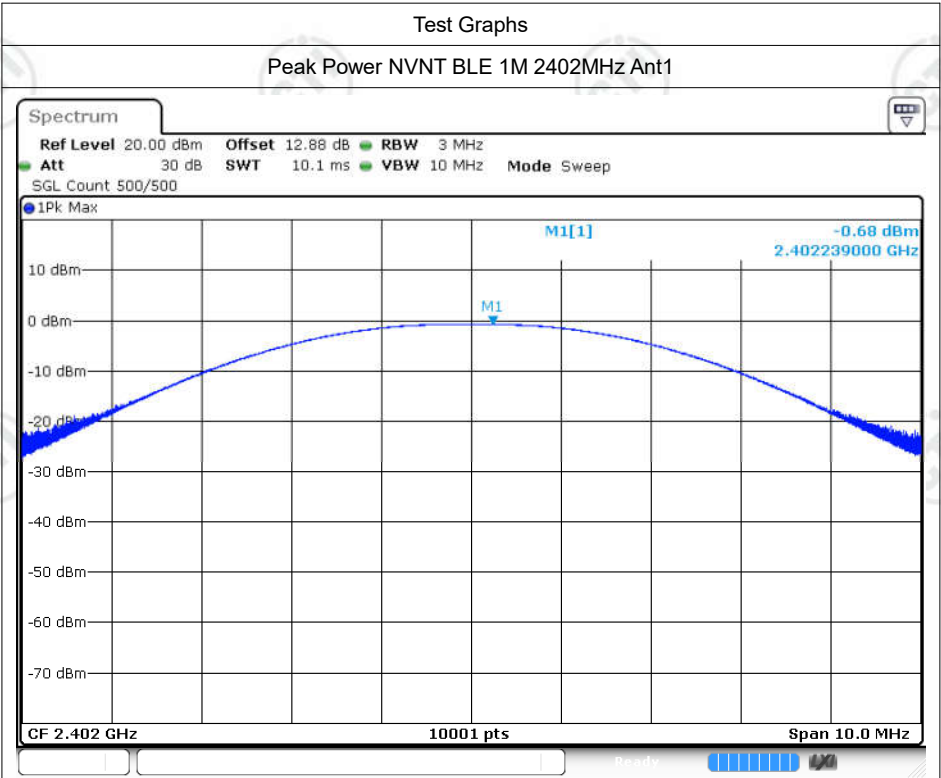
Date: 8.NOV.2023 13:30:25



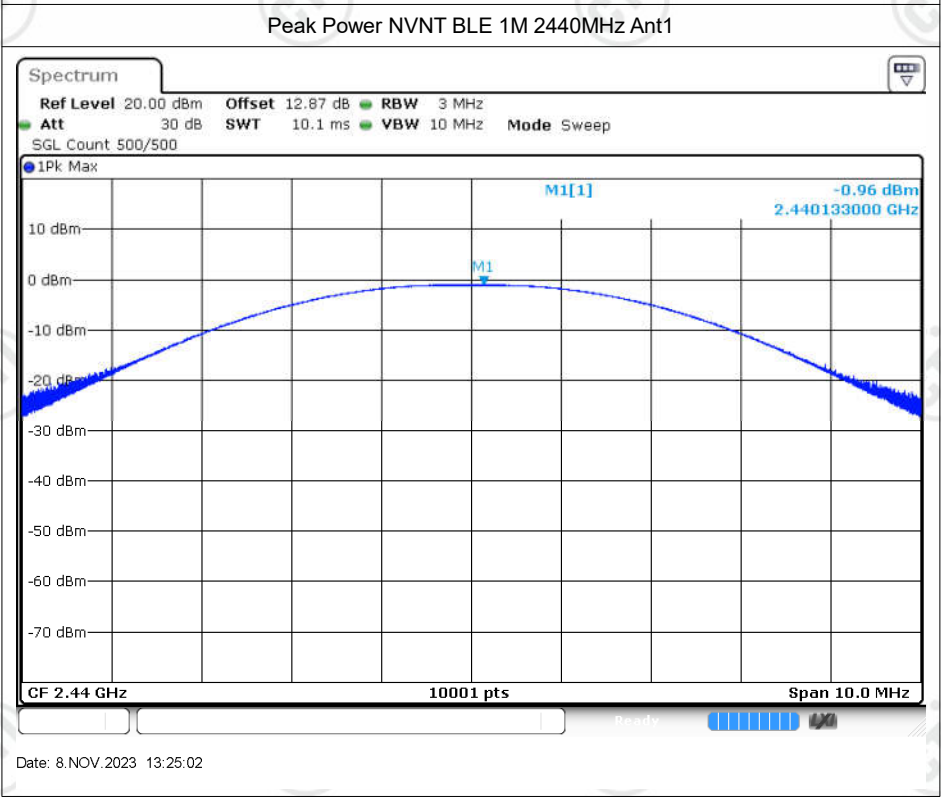
Date: 8.NOV.2023 13:32:06

Maximum Peak Conducted Output Power

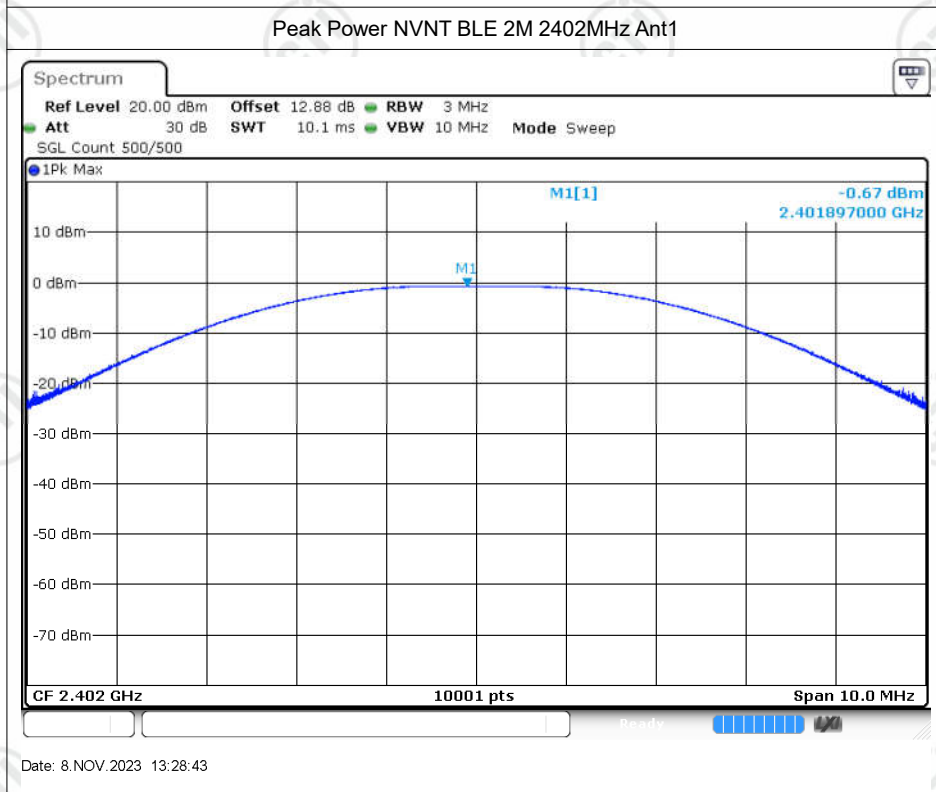
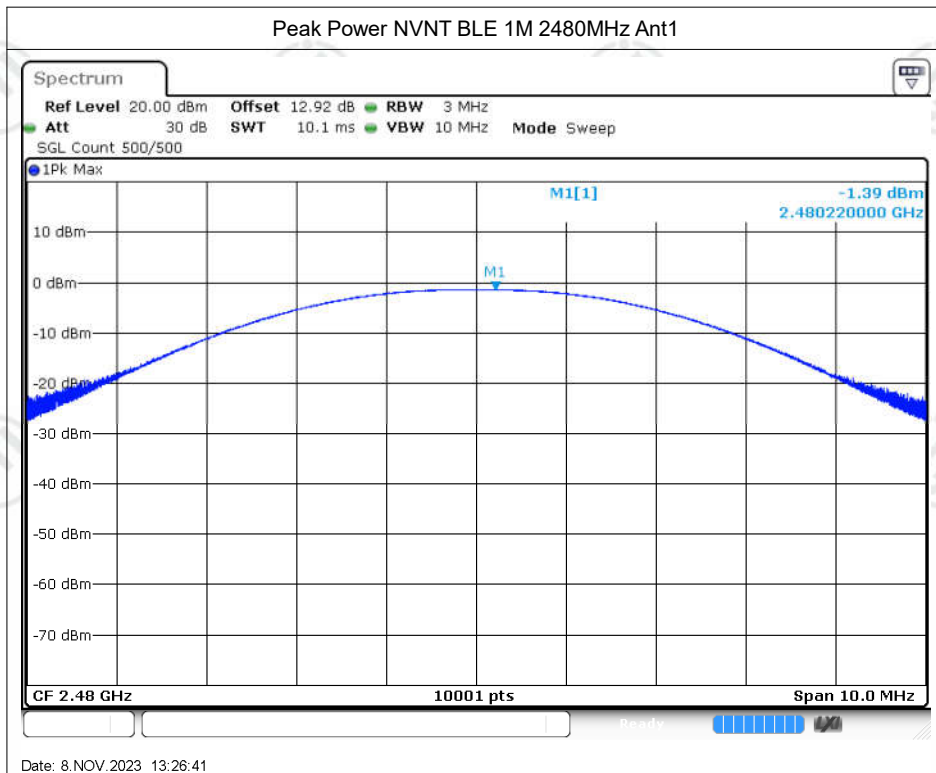
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.68	0	-0.68	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.96	0	-0.96	30	Pass
NVNT	BLE 1M	2480	Ant1	-1.39	0	-1.39	30	Pass
NVNT	BLE 2M	2402	Ant1	-0.67	0	-0.67	30	Pass
NVNT	BLE 2M	2440	Ant1	-0.95	0	-0.95	30	Pass
NVNT	BLE 2M	2480	Ant1	-1.29	0	-1.29	30	Pass

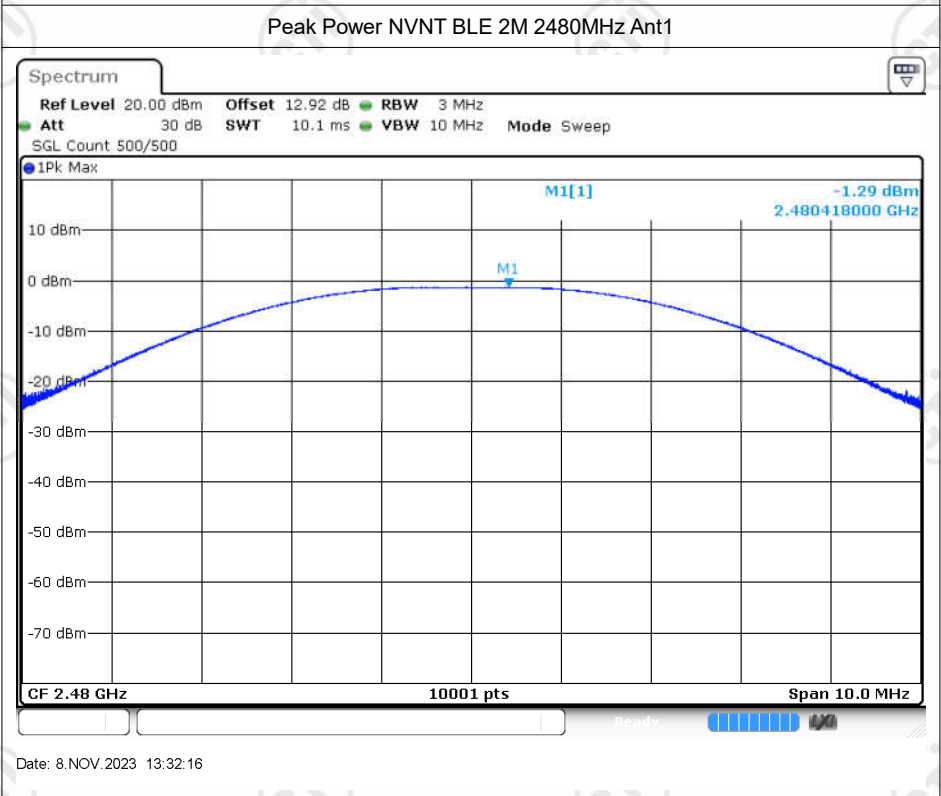
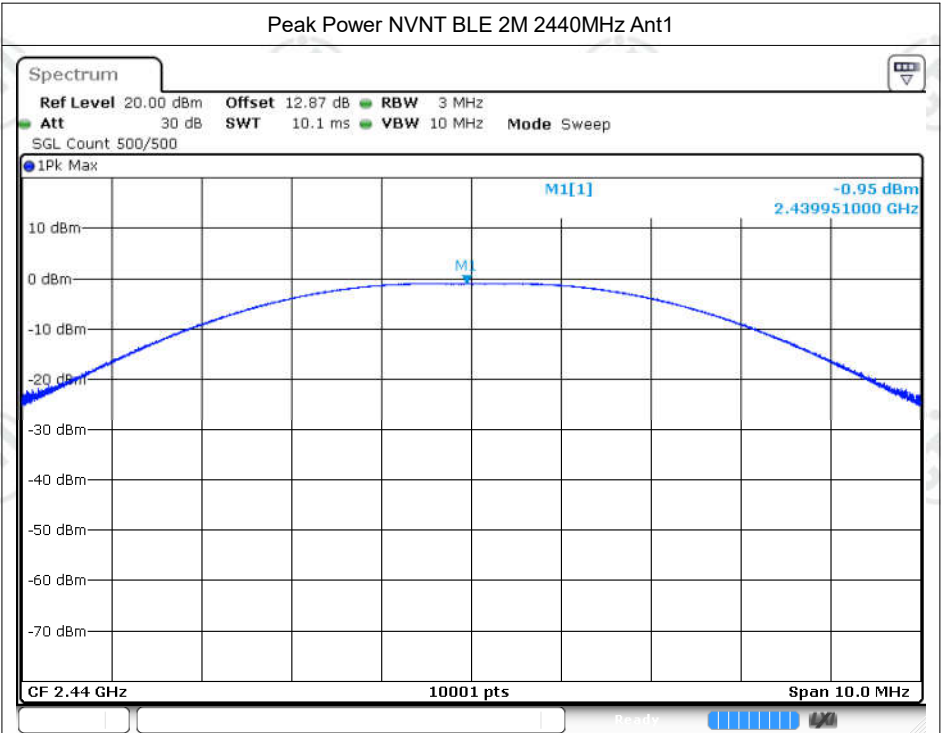


Date: 8.NOV.2023 13:23:01



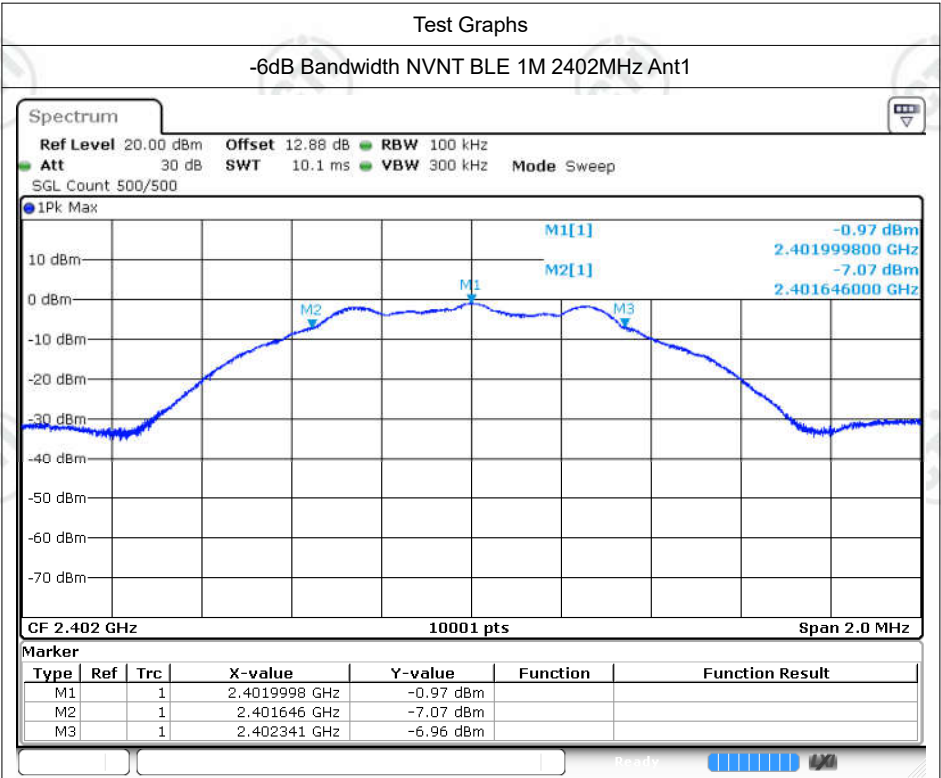
Date: 8.NOV.2023 13:25:02



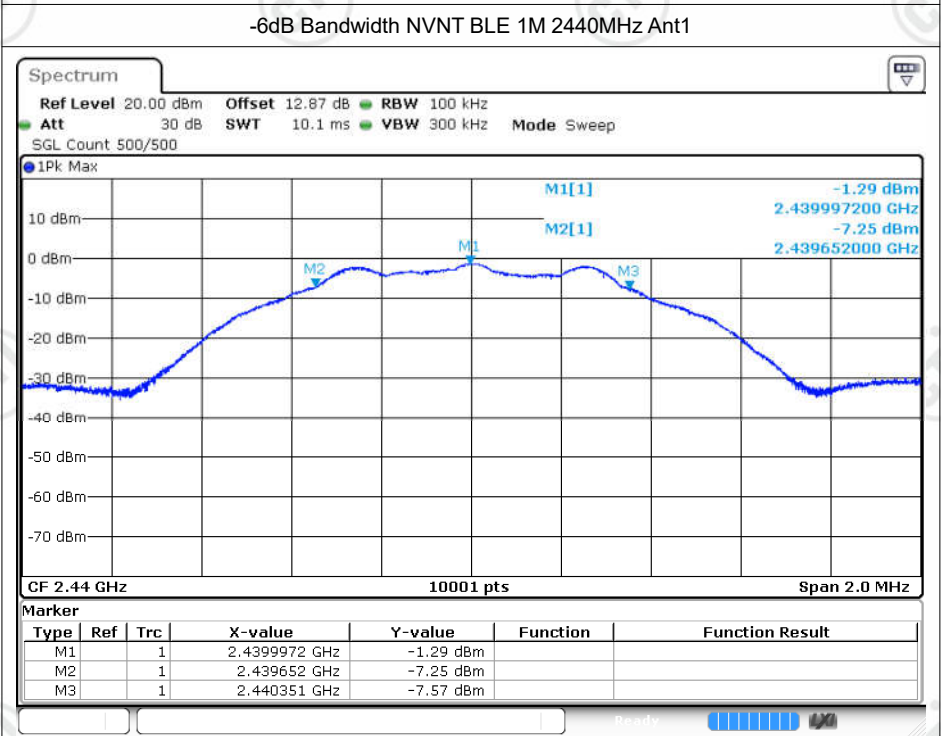


-6dB Bandwidth

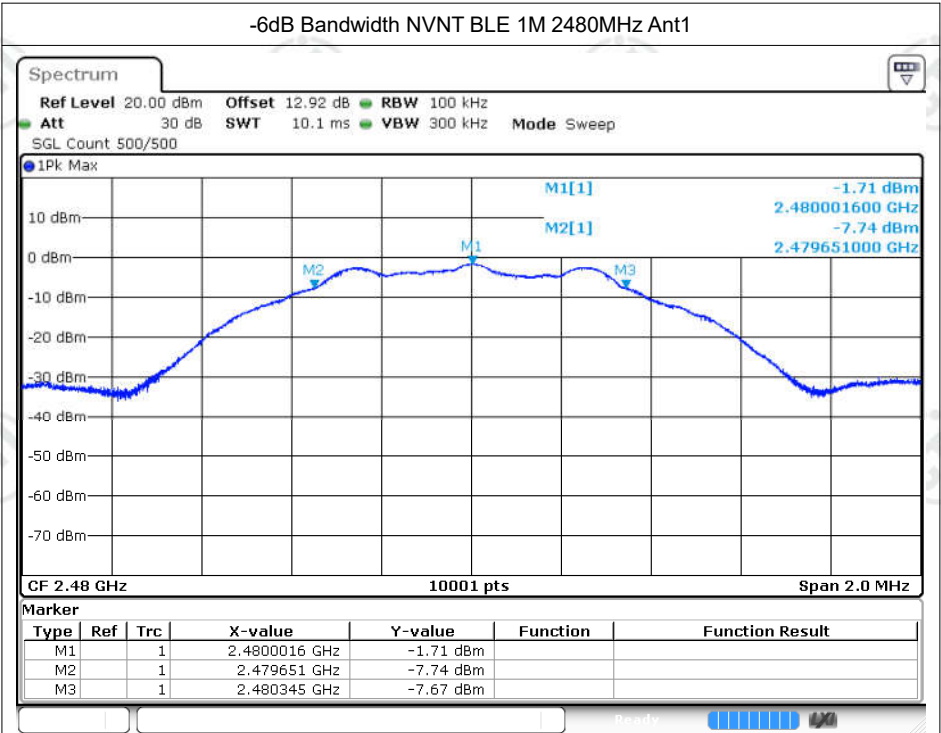
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.696	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.699	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.694	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.137	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.139	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.137	0.5	Pass



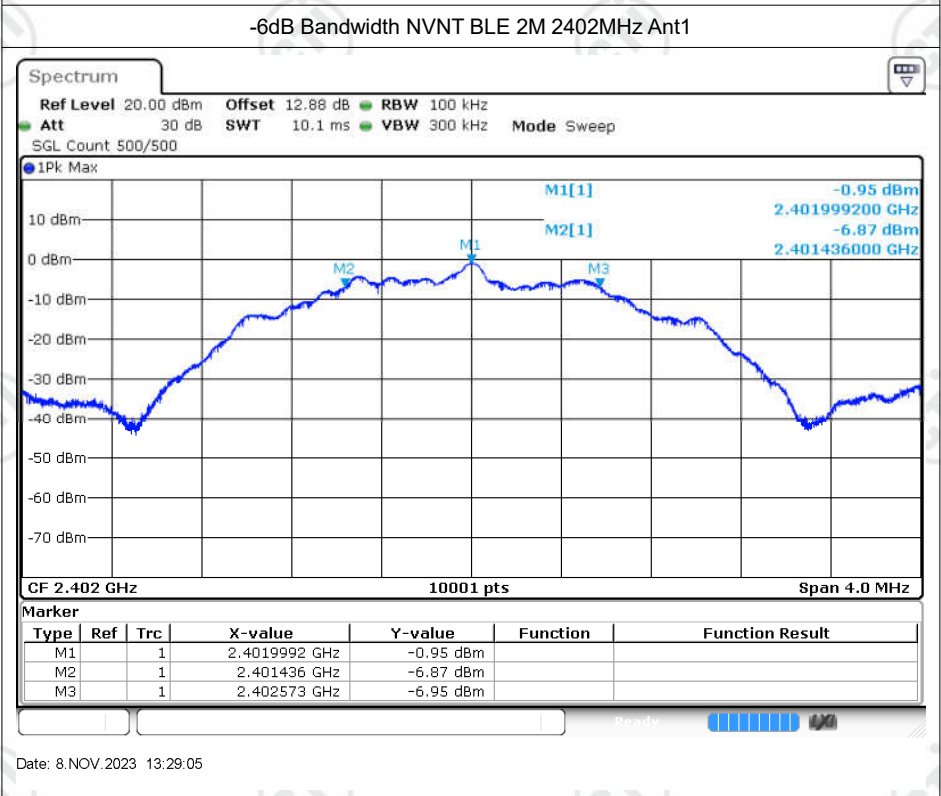
Date: 8.NOV.2023 13:23:24



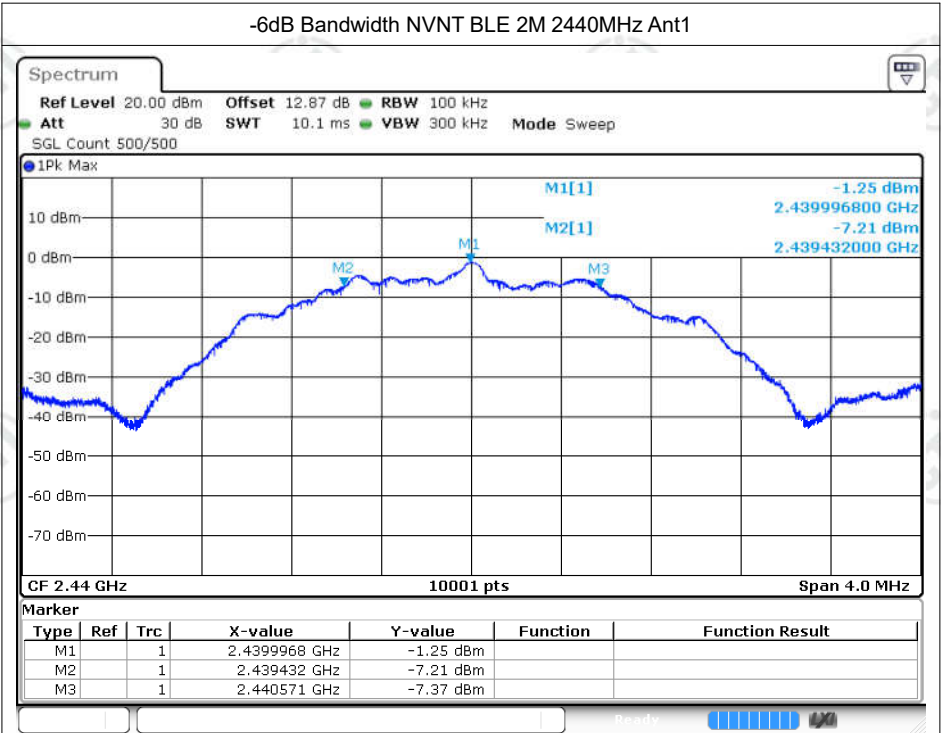
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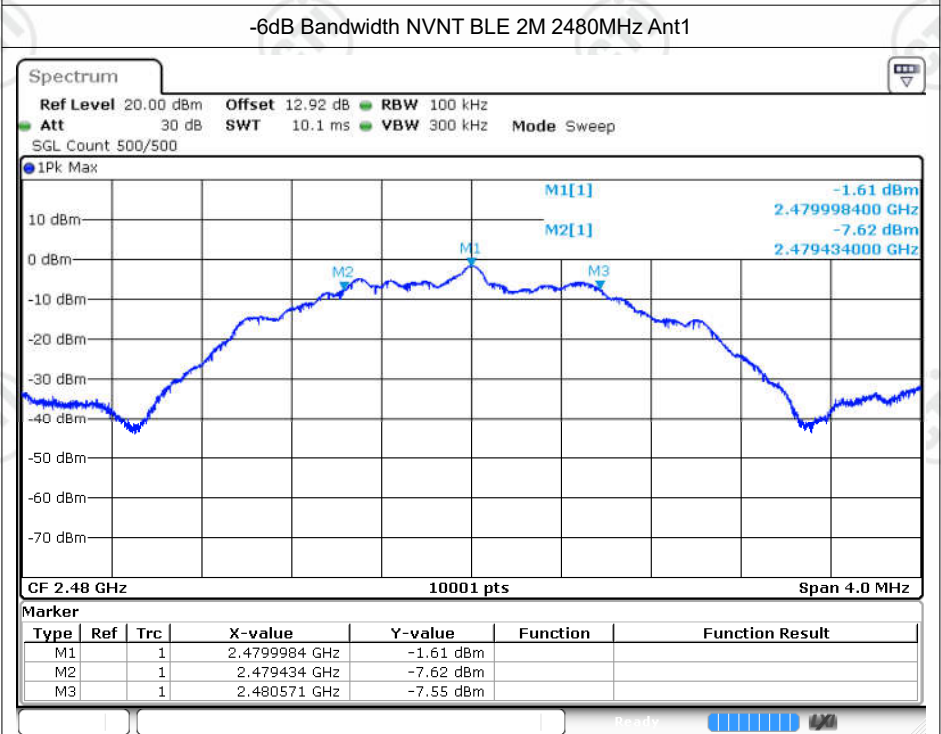
Date: 8.NOV.2023 13:27:04



Date: 8.NOV.2023 13:29:05



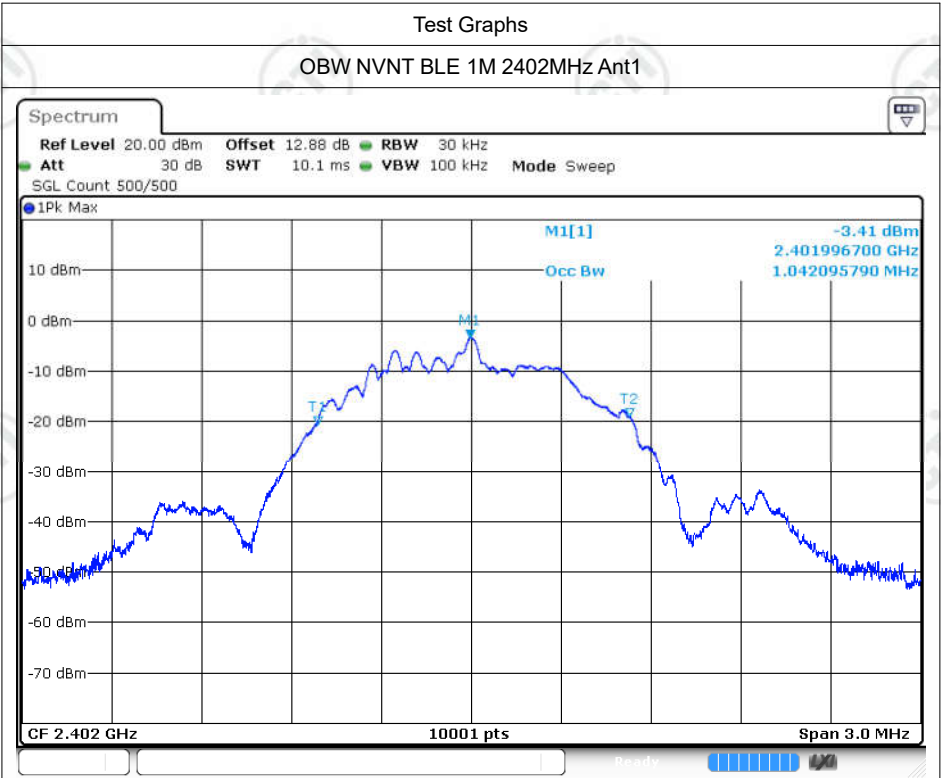
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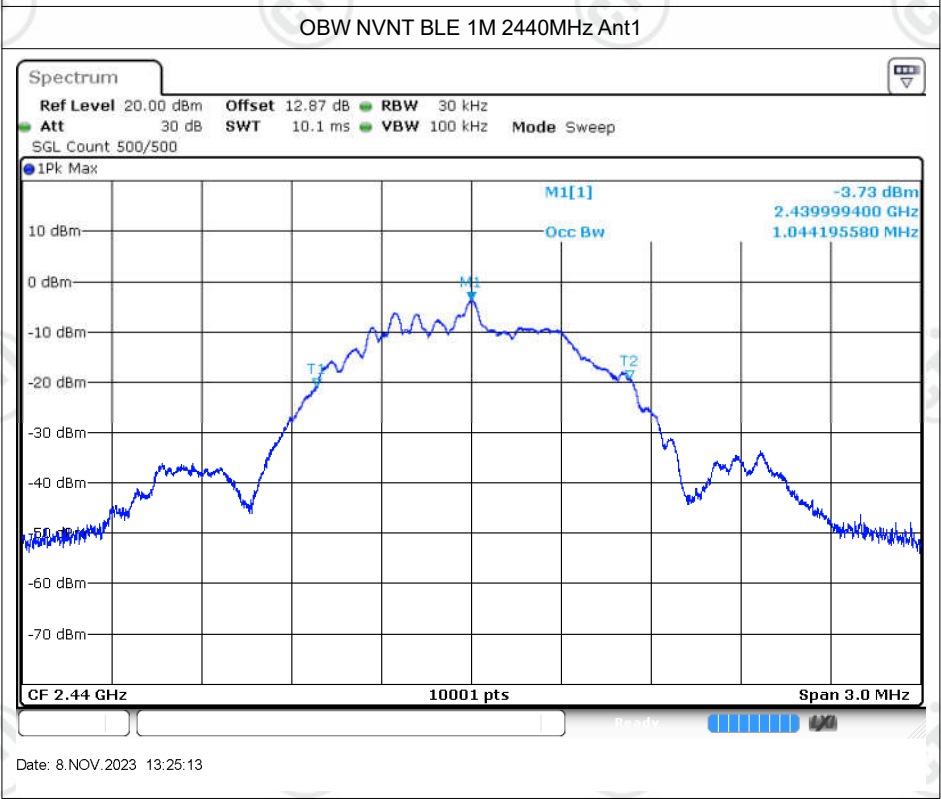
Date: 8.NOV.2023 13:32:38

Occupied Channel Bandwidth

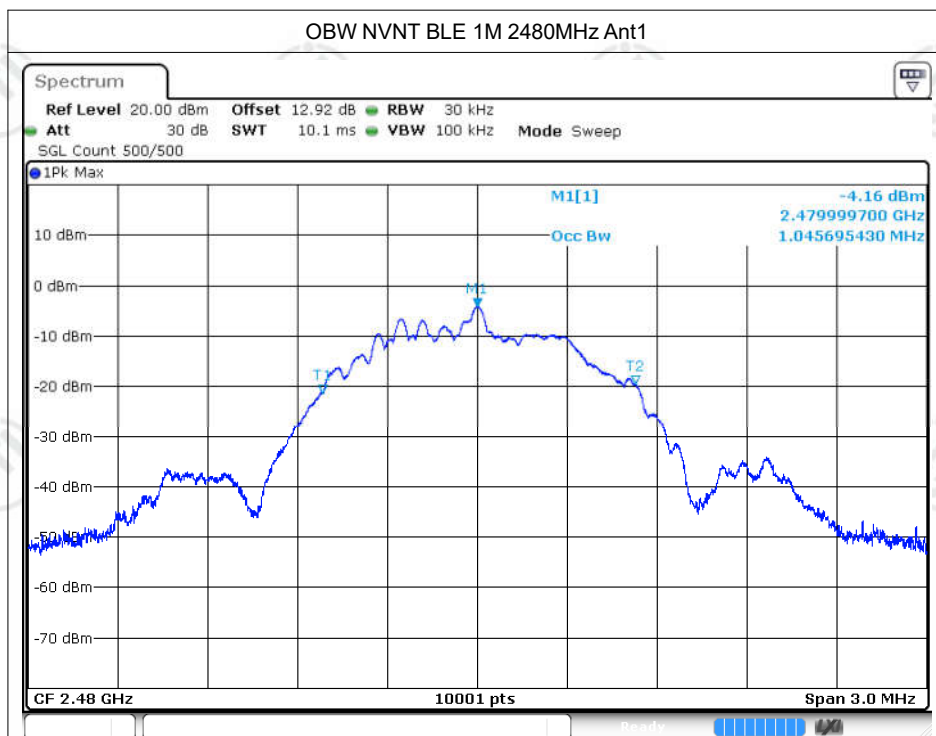
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.042
NVNT	BLE 1M	2440	Ant1	1.044
NVNT	BLE 1M	2480	Ant1	1.046
NVNT	BLE 2M	2402	Ant1	2.054
NVNT	BLE 2M	2440	Ant1	2.057
NVNT	BLE 2M	2480	Ant1	2.061



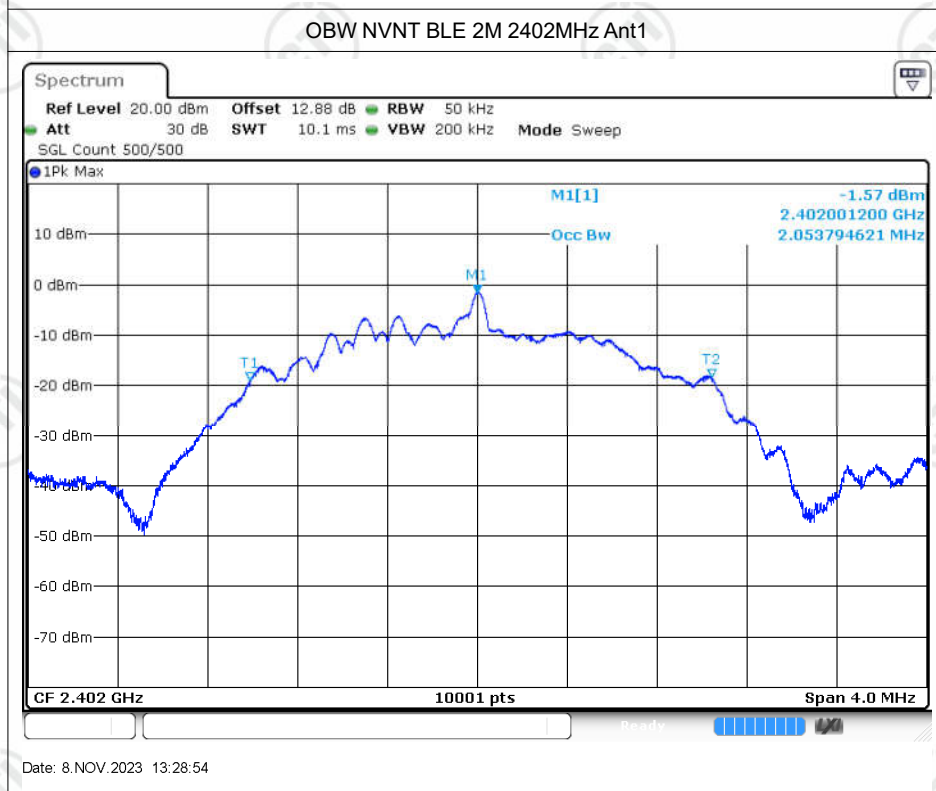
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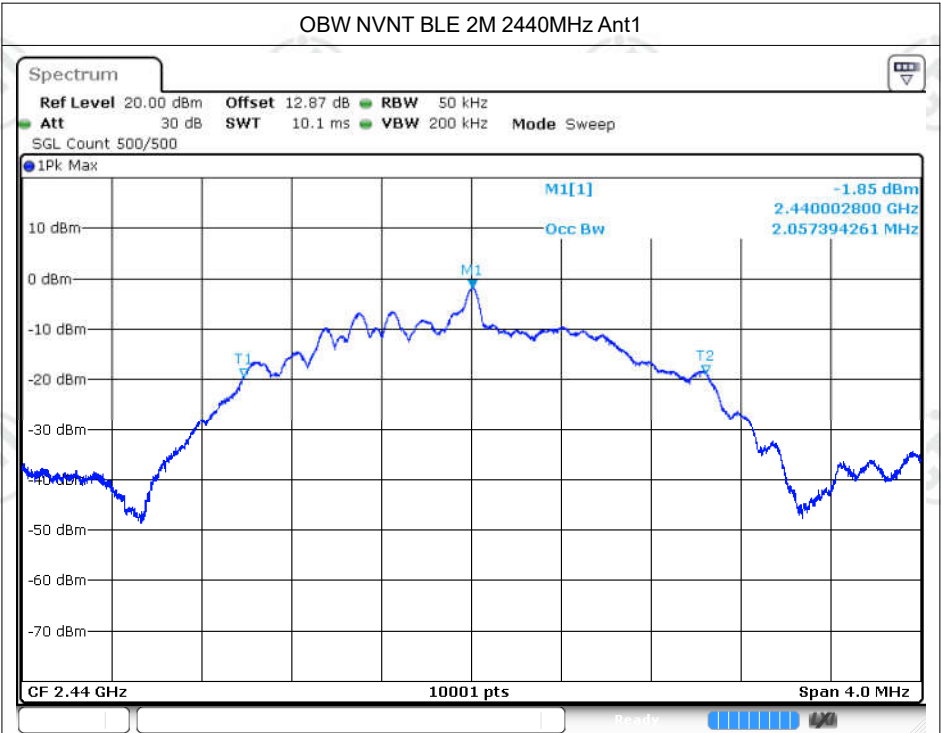
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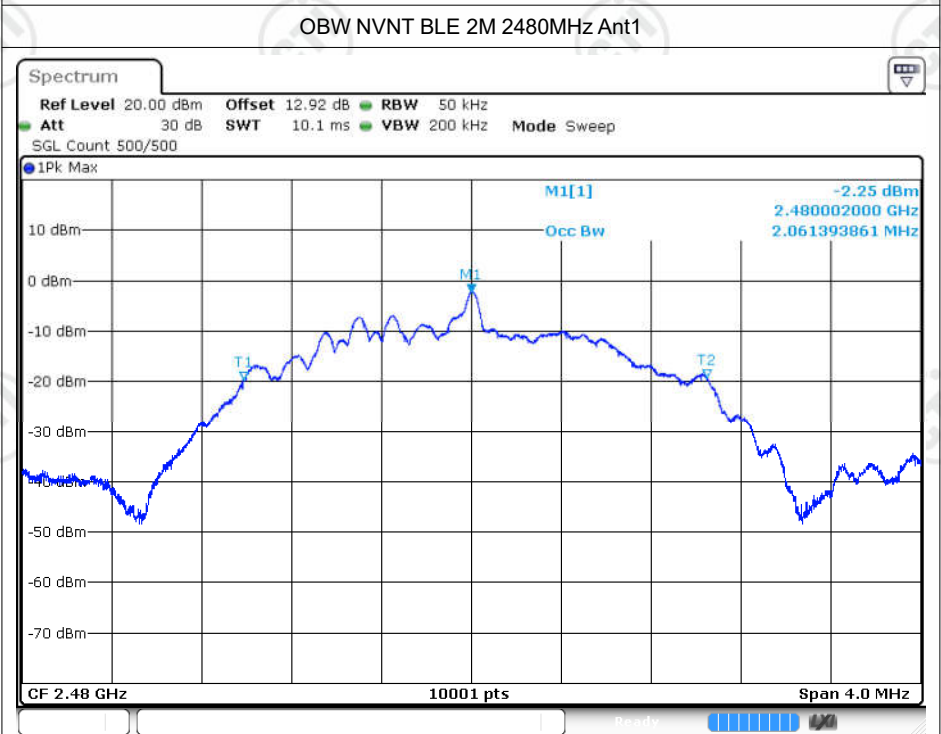
Date: 8.NOV.2023 13:26:53



Date: 8.NOV.2023 13:28:54



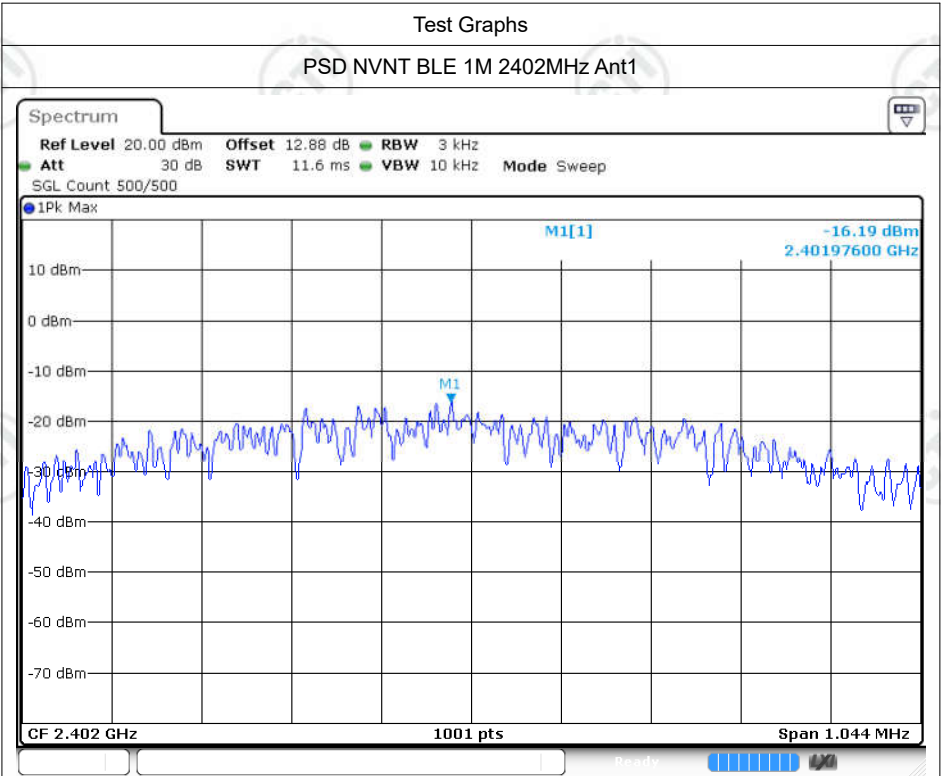
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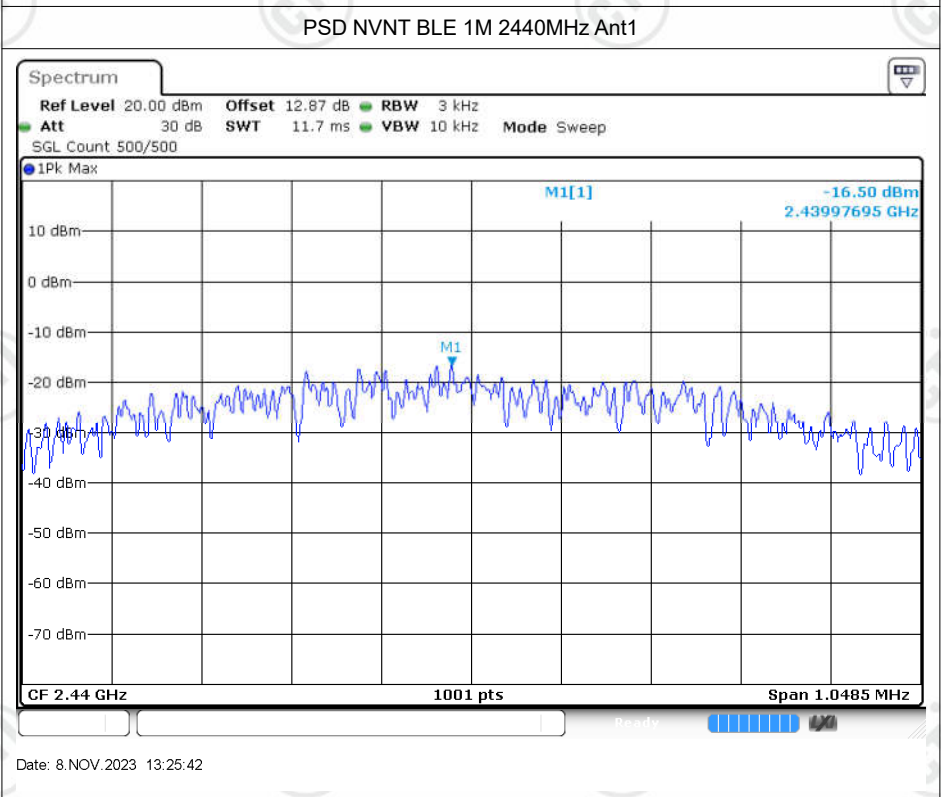
Date: 8.NOV.2023 13:32:27

Maximum Power Spectral Density Level

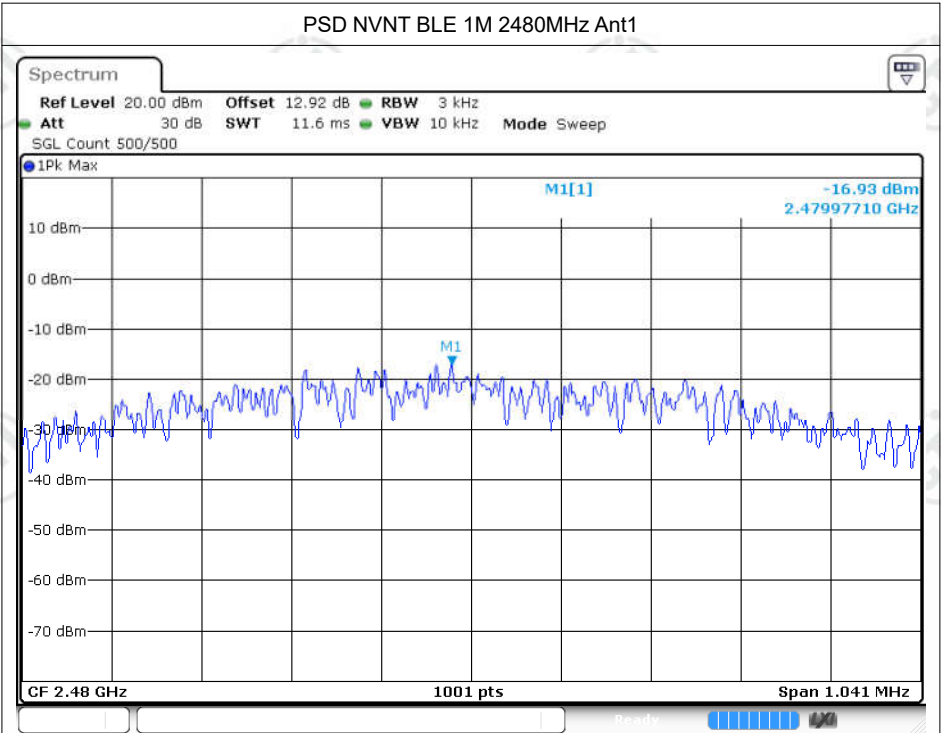
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.19	0	-16.19	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.5	0	-16.5	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.93	0	-16.93	8	Pass
NVNT	BLE 2M	2402	Ant1	-18.66	0	-18.66	8	Pass
NVNT	BLE 2M	2440	Ant1	-18.98	0	-18.98	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.4	0	-19.4	8	Pass



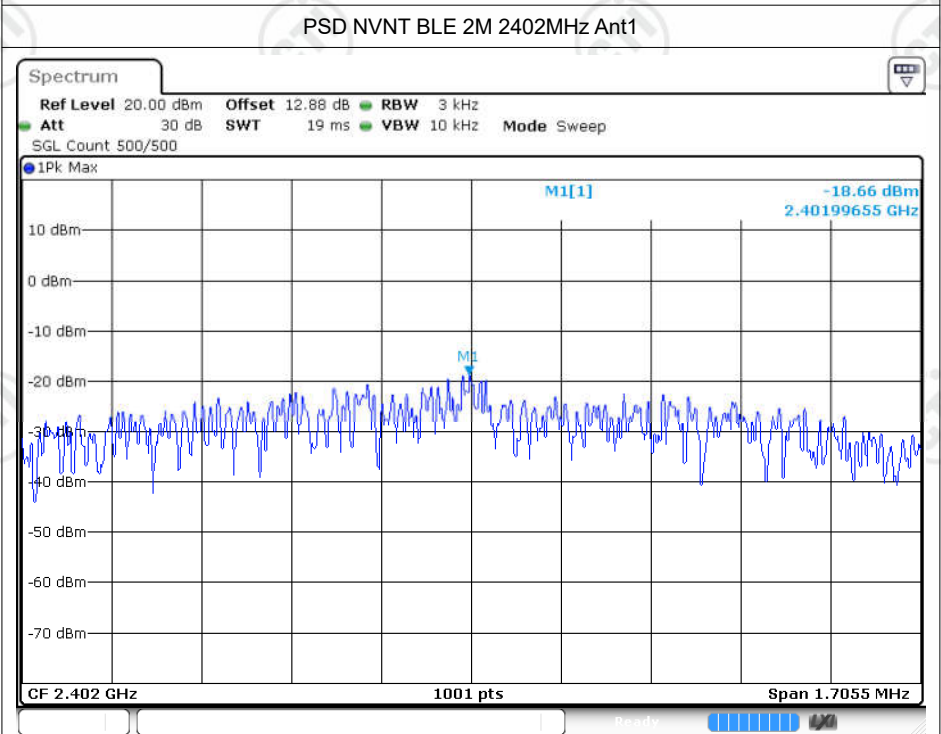
Date: 8.NOV.2023 13:23:42



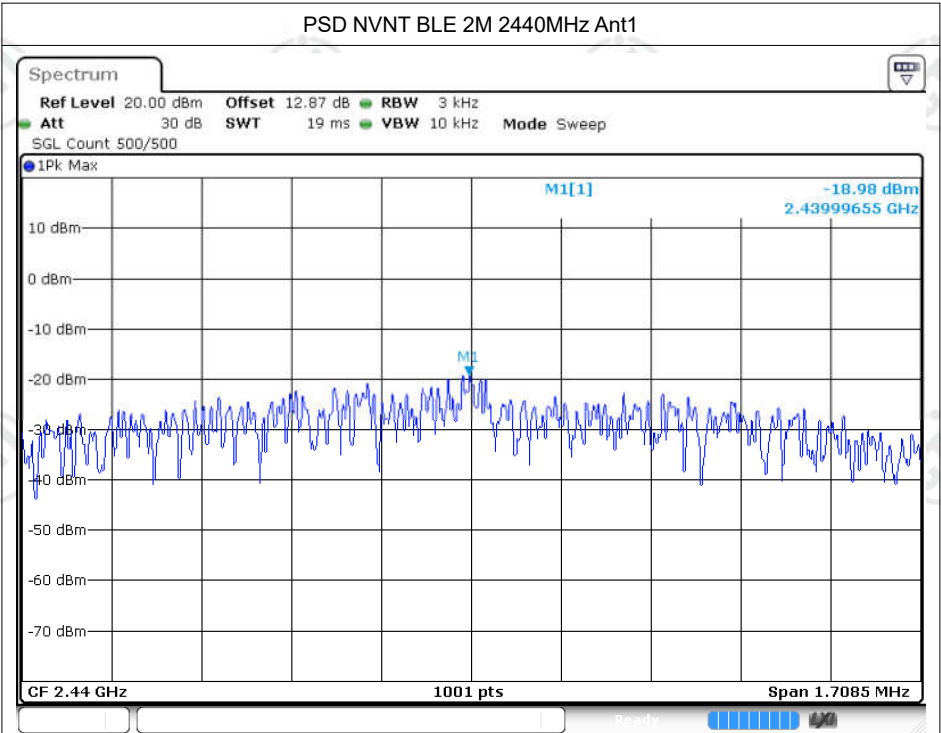
Date: 8.NOV.2023 13:25:42



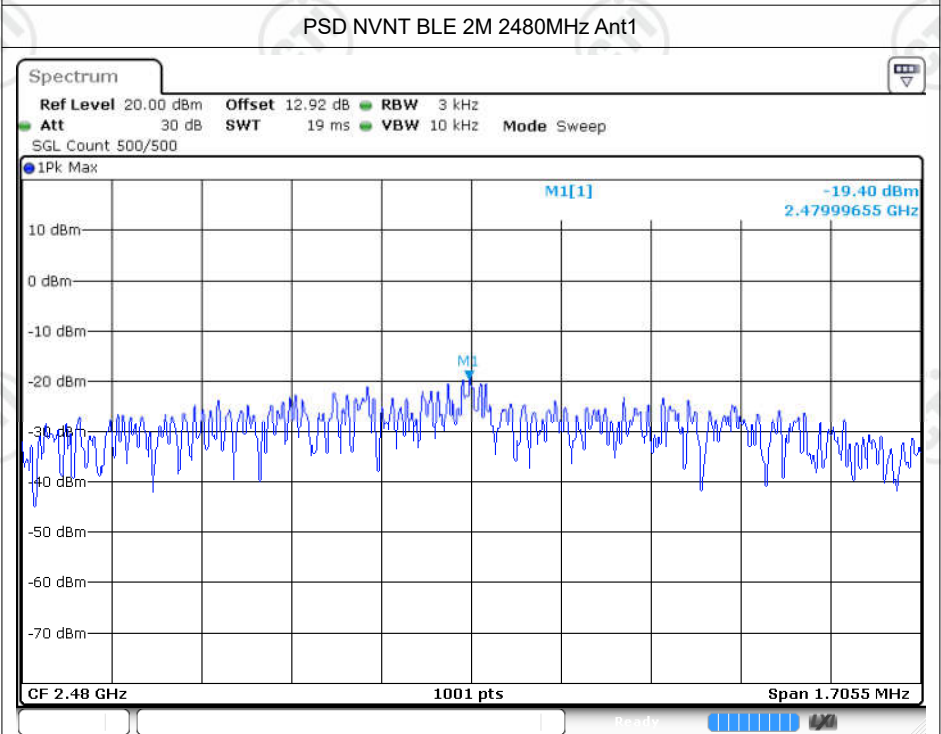
Date: 8.NOV.2023 13:27:22



Date: 8.NOV.2023 13:29:27



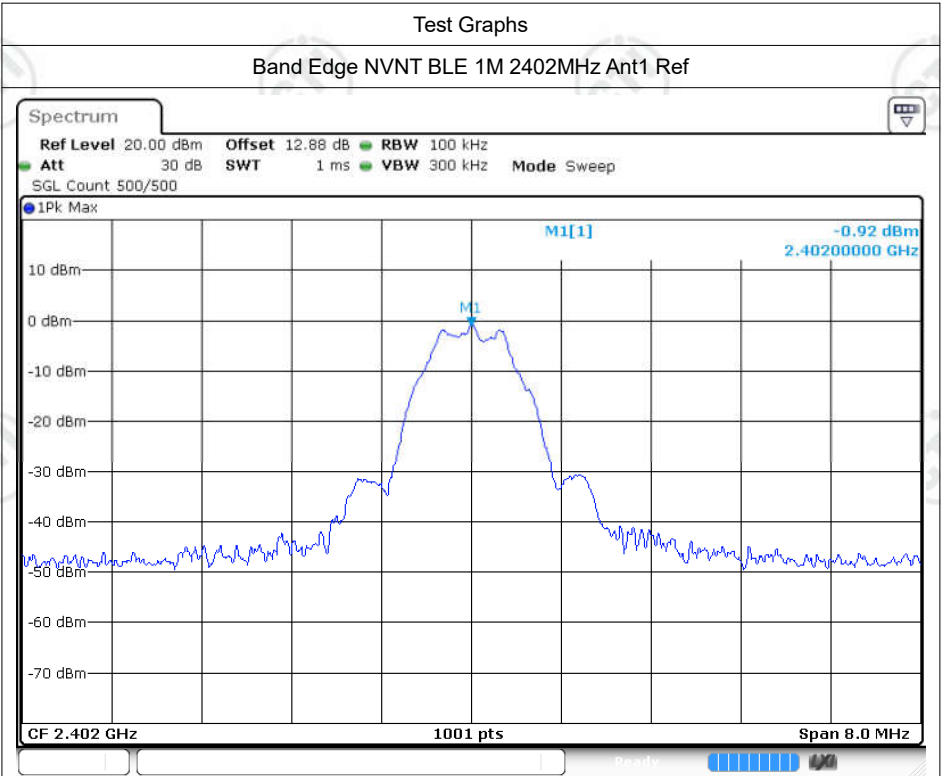
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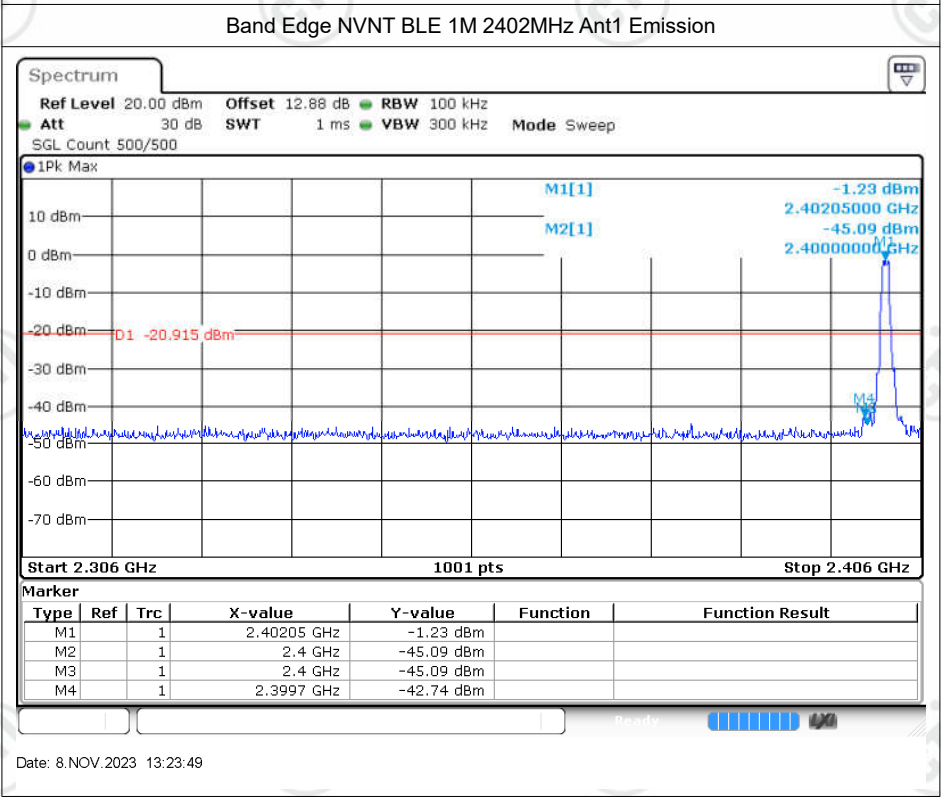
Date: 8.NOV.2023 13:33:00

Band Edge

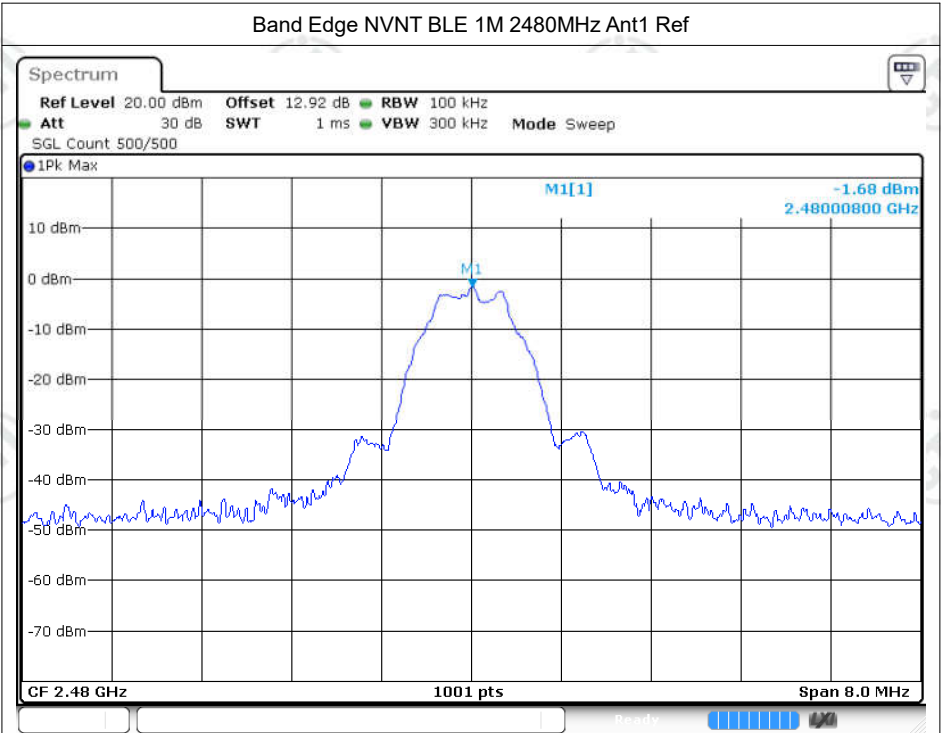
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-41.81	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.51	-20	Pass
NVNT	BLE 2M	2402	Ant1	-33.3	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.56	-20	Pass



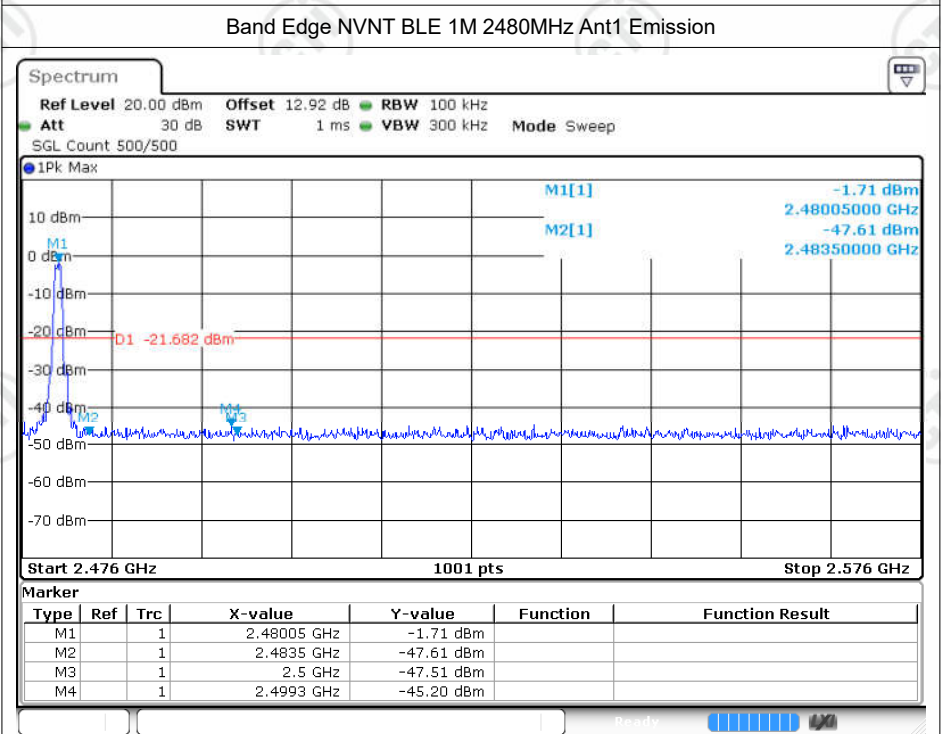
Date: 8.NOV.2023 13:23:45



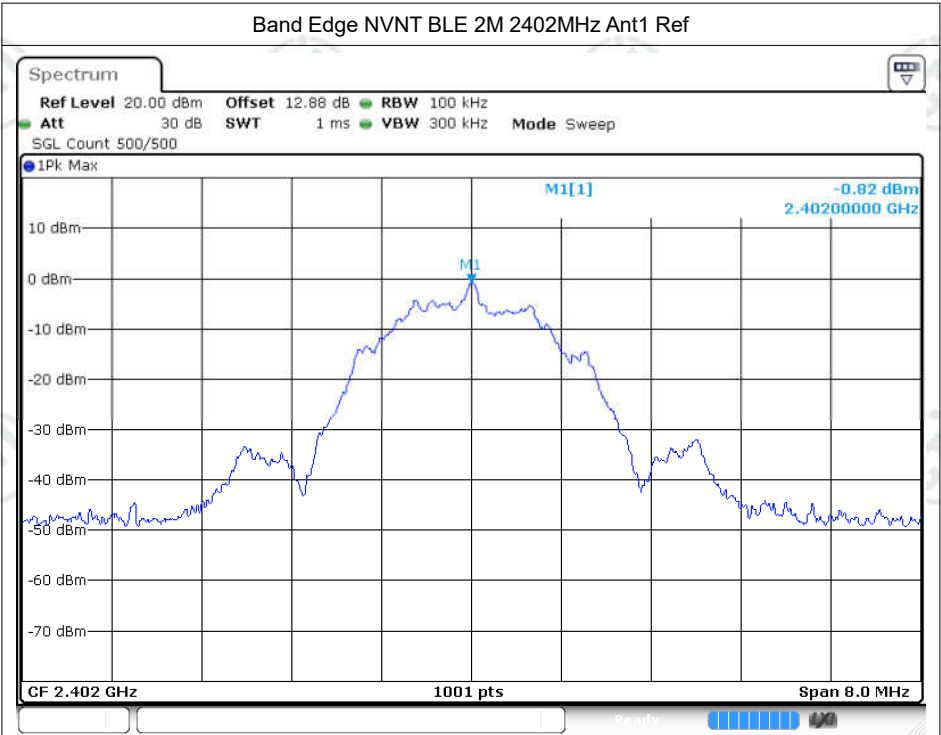
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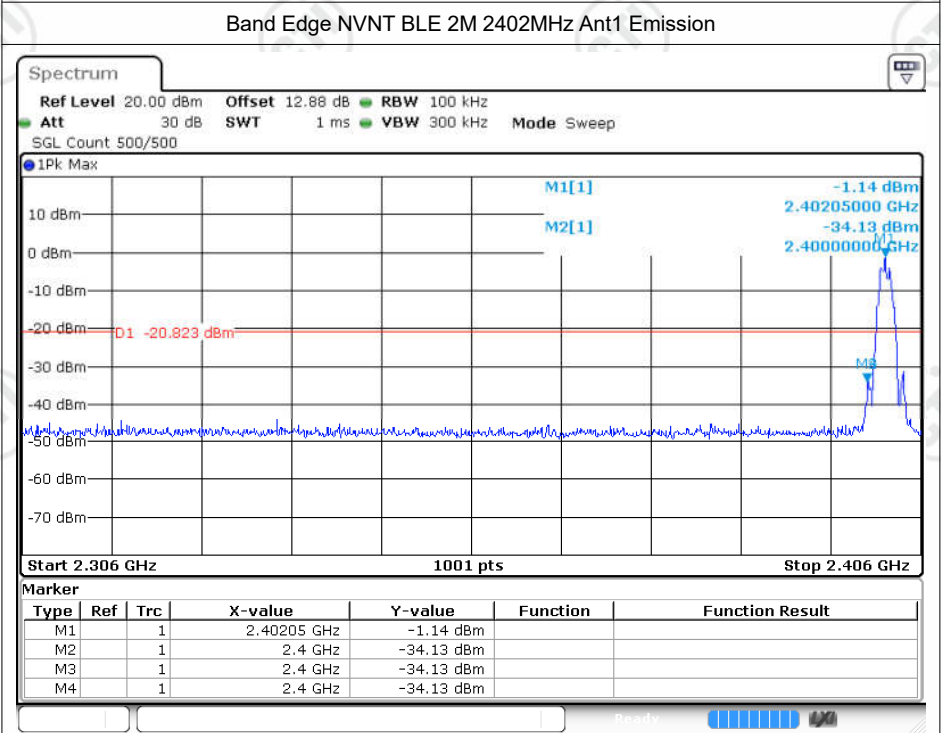
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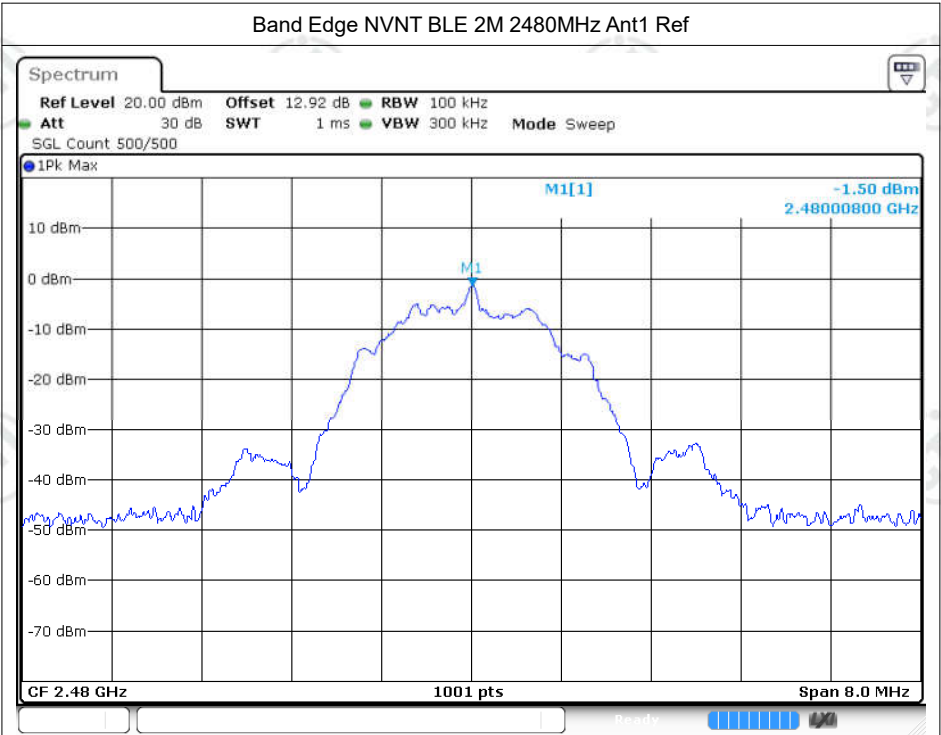
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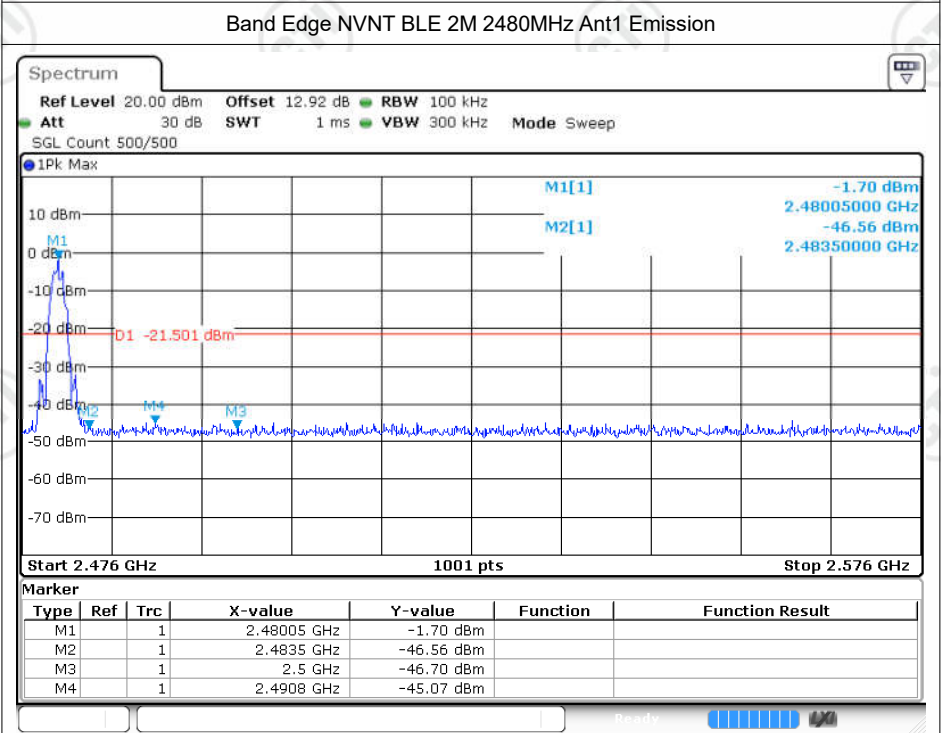
Date: 8.NOV.2023 13:29:30



Date: 8.NOV.2023 13:29:33



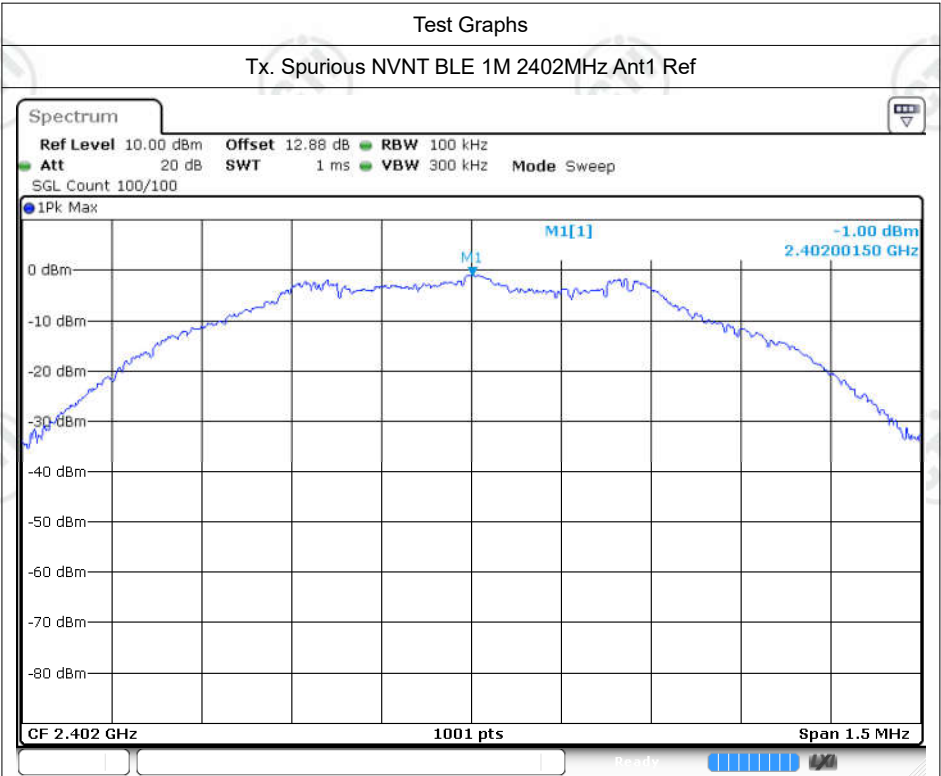
Date: 8.NOV.2023 13:33:03



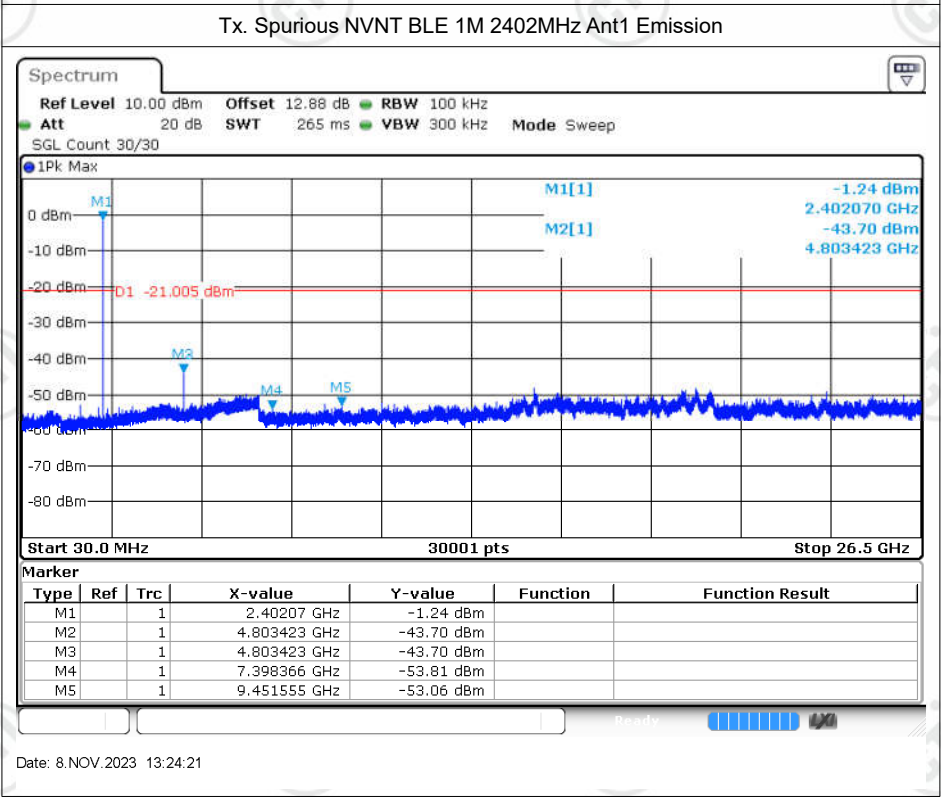
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Conducted RF Spurious Emission

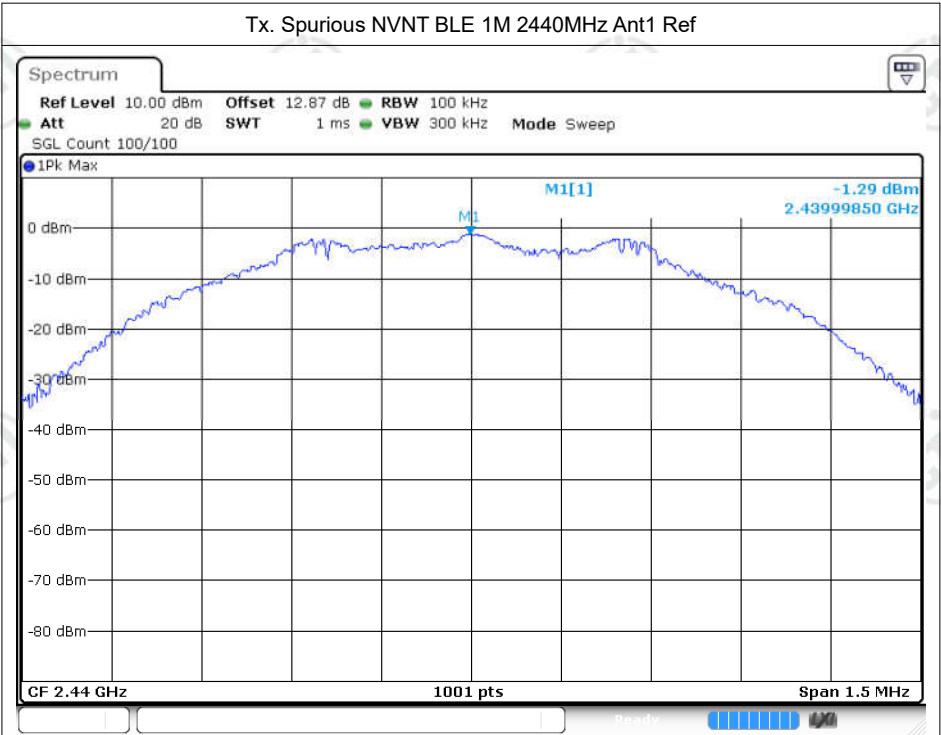
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-42.7	-20	Pass
NVNT	BLE 1M	2440	Ant1	-41.97	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.2	-20	Pass
NVNT	BLE 2M	2402	Ant1	-46.06	-20	Pass
NVNT	BLE 2M	2440	Ant1	-42.67	-20	Pass
NVNT	BLE 2M	2480	Ant1	-42.75	-20	Pass



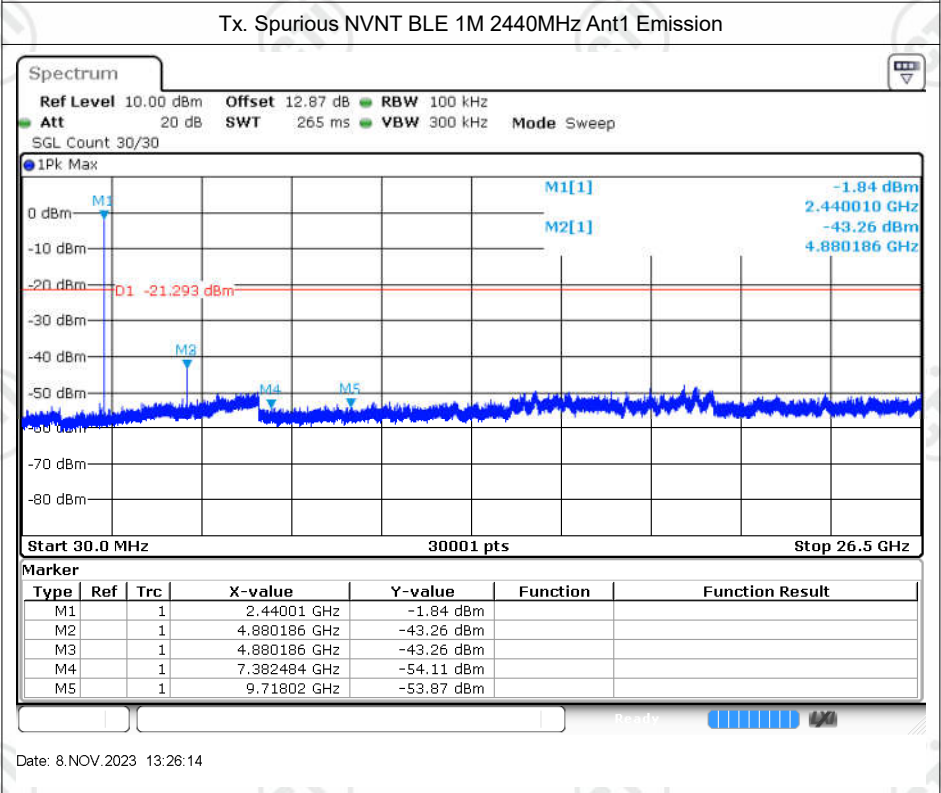
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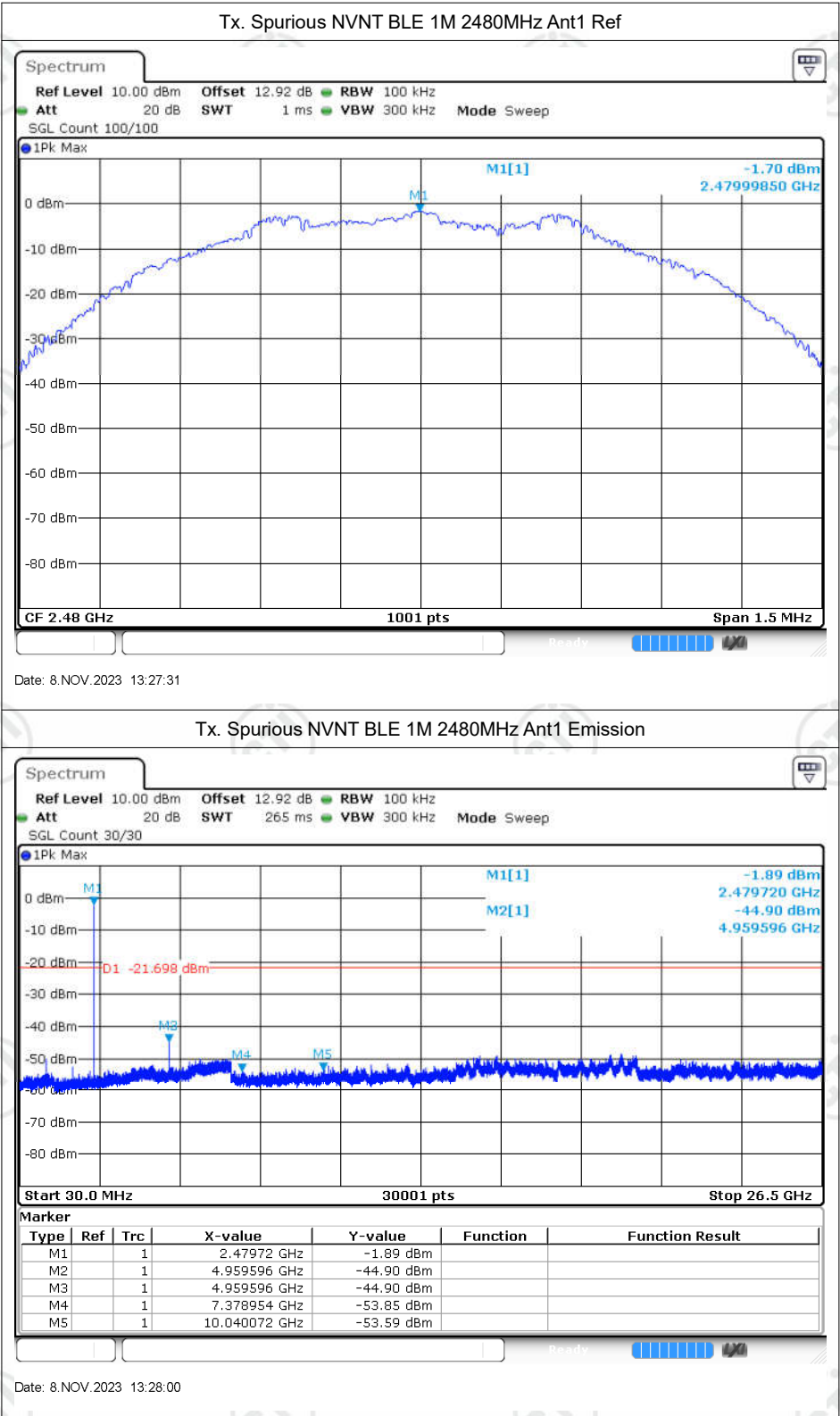
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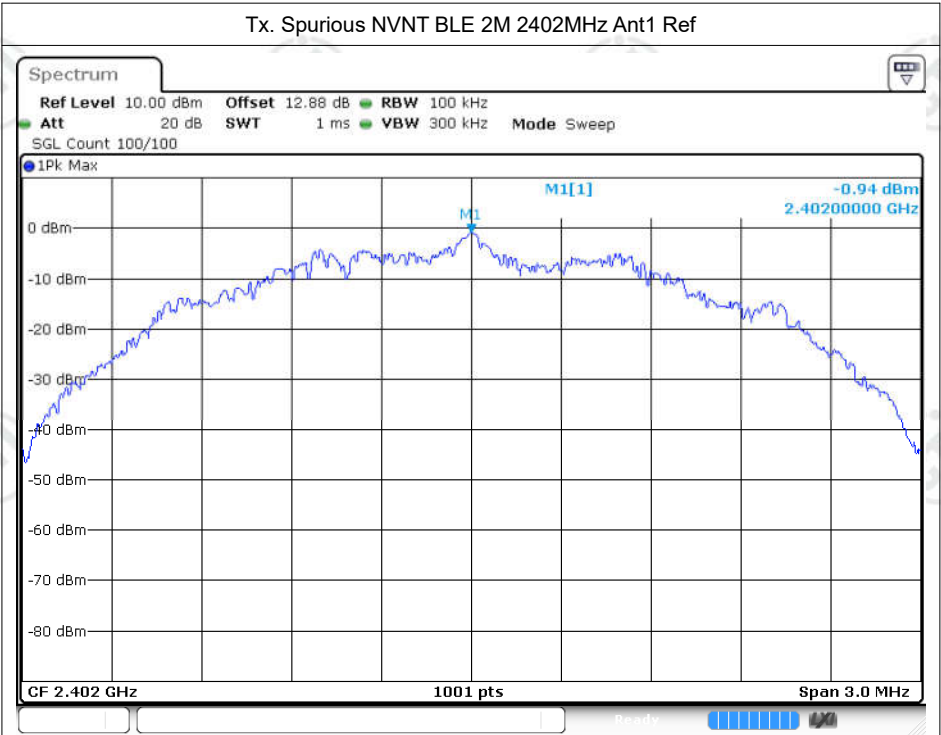
Date: 8.NOV.2023 13:25:45



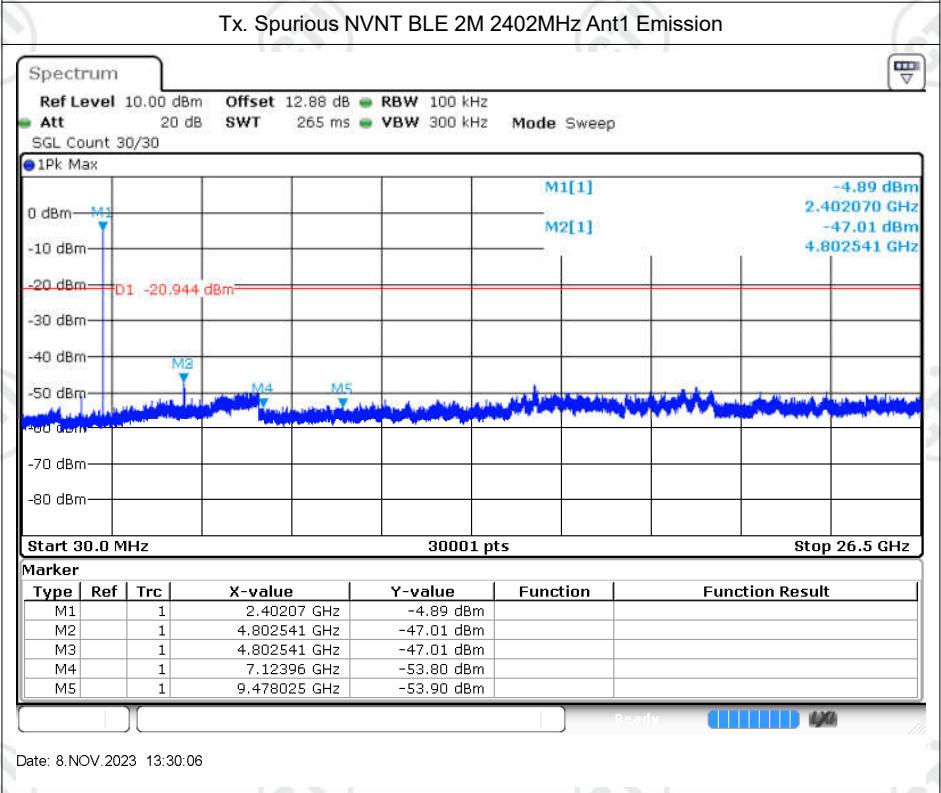
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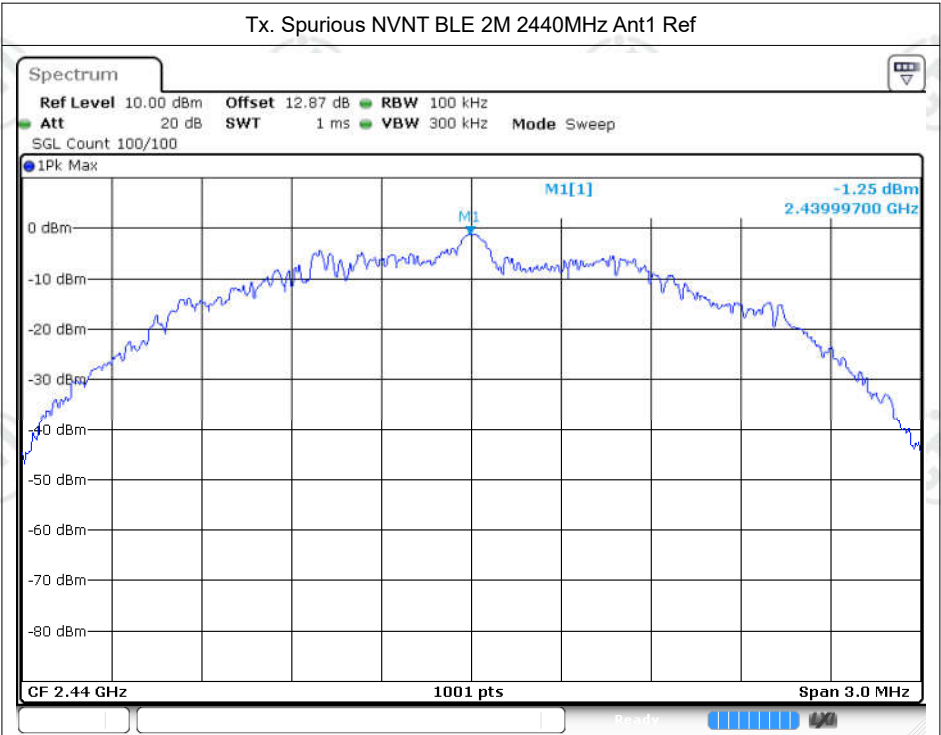
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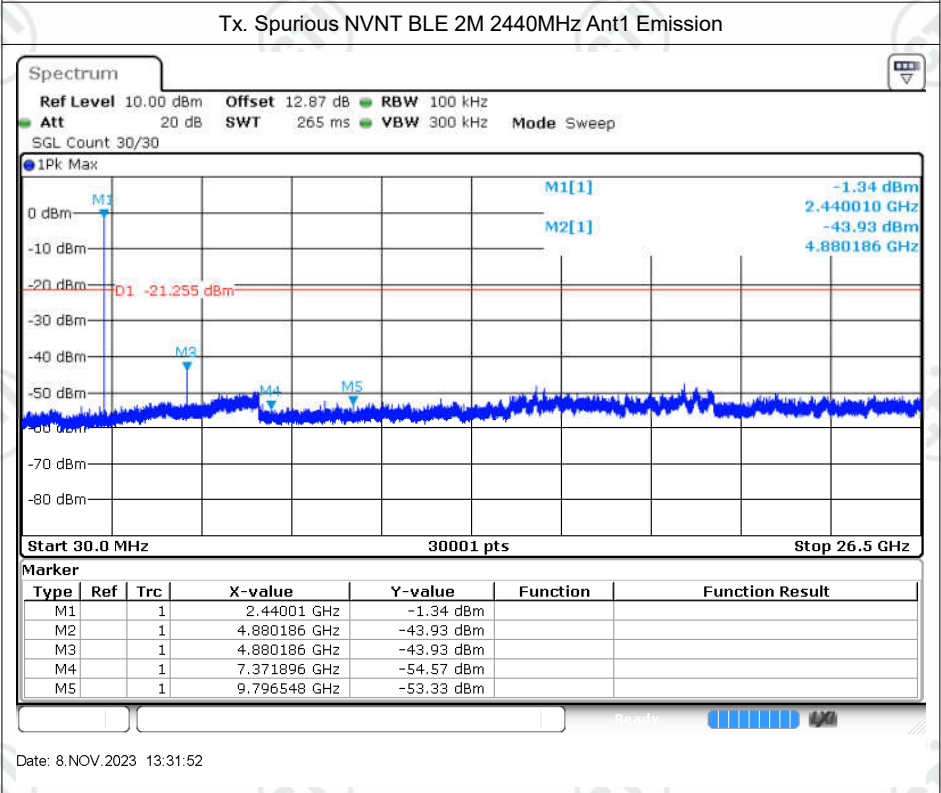
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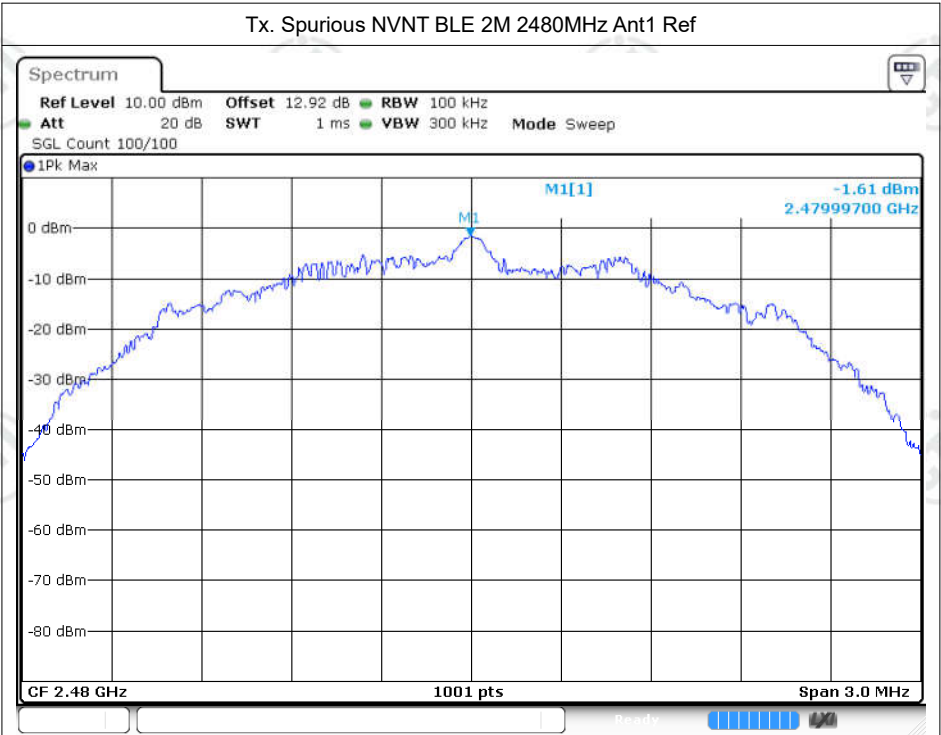


Date: 8.NOV.2023 13:30:06

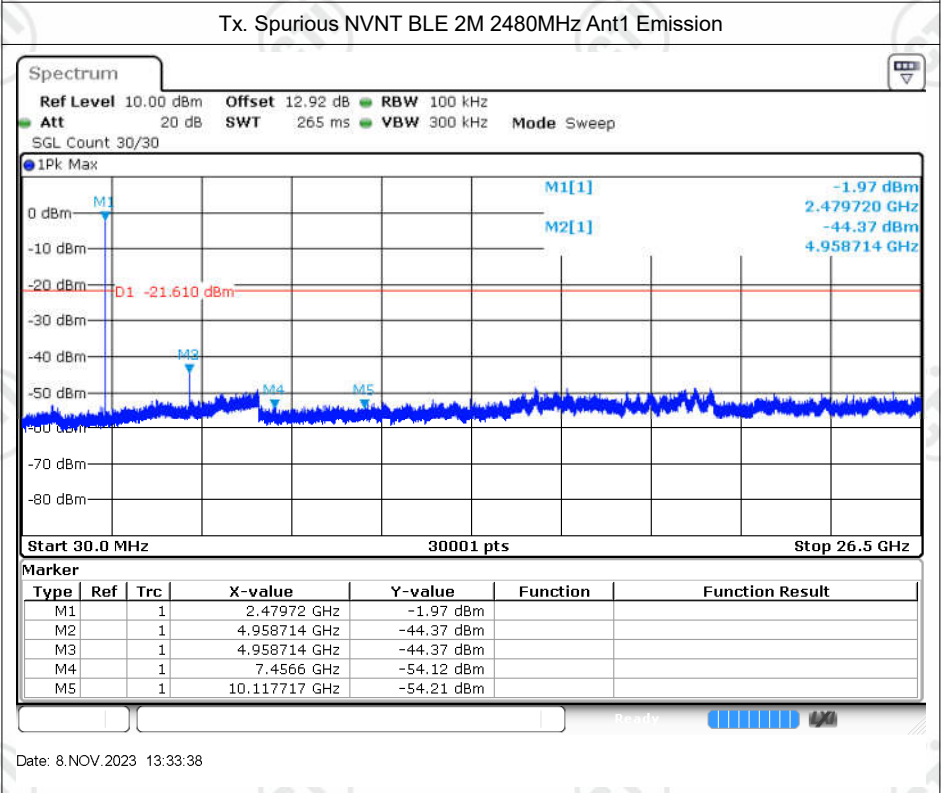


Date: 8.NOV.2023 13:31:22





Date: 8.NOV.2023 13:33:09



Date: 8.NOV.2023 13:33:38

END OF REPORT