

Appendix: Bluetooth LE

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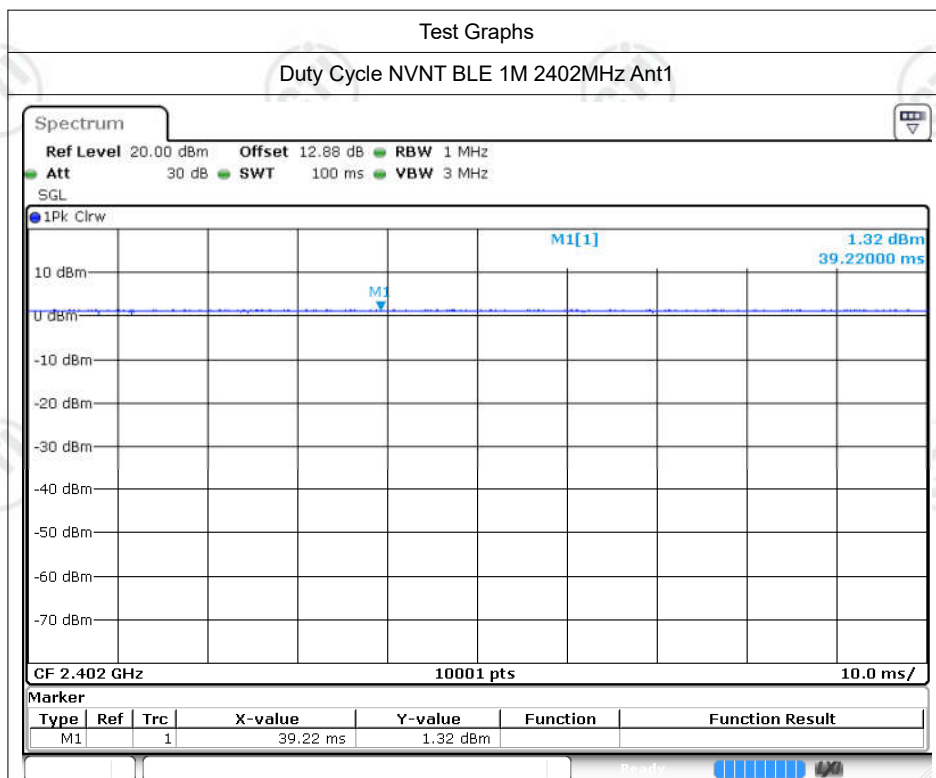
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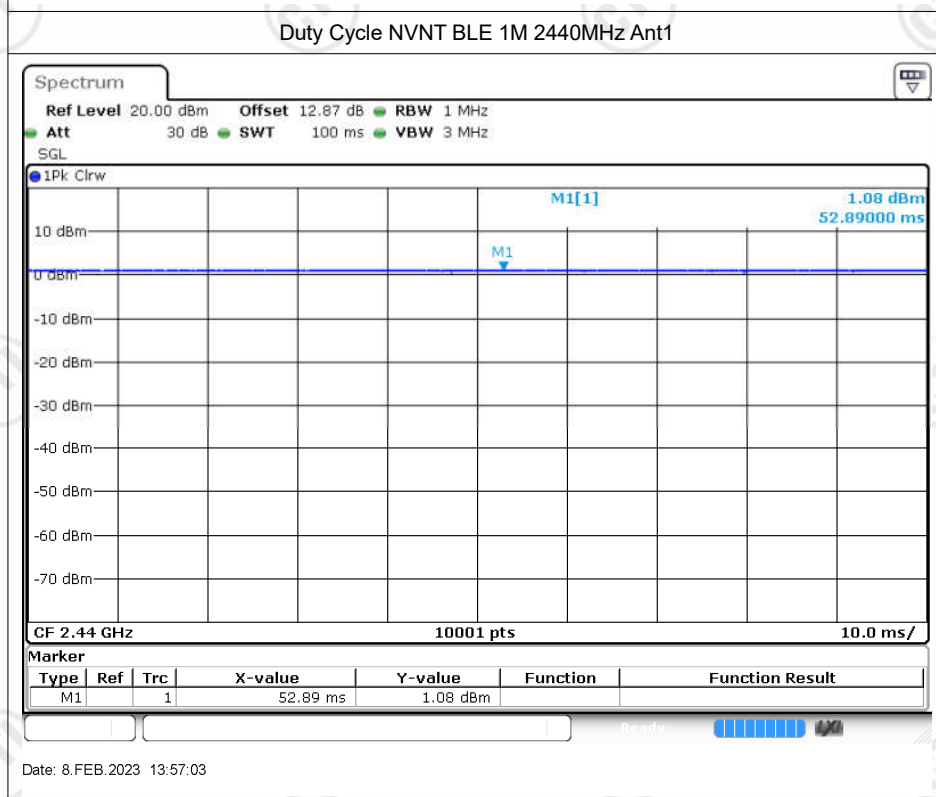
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Duty Cycle

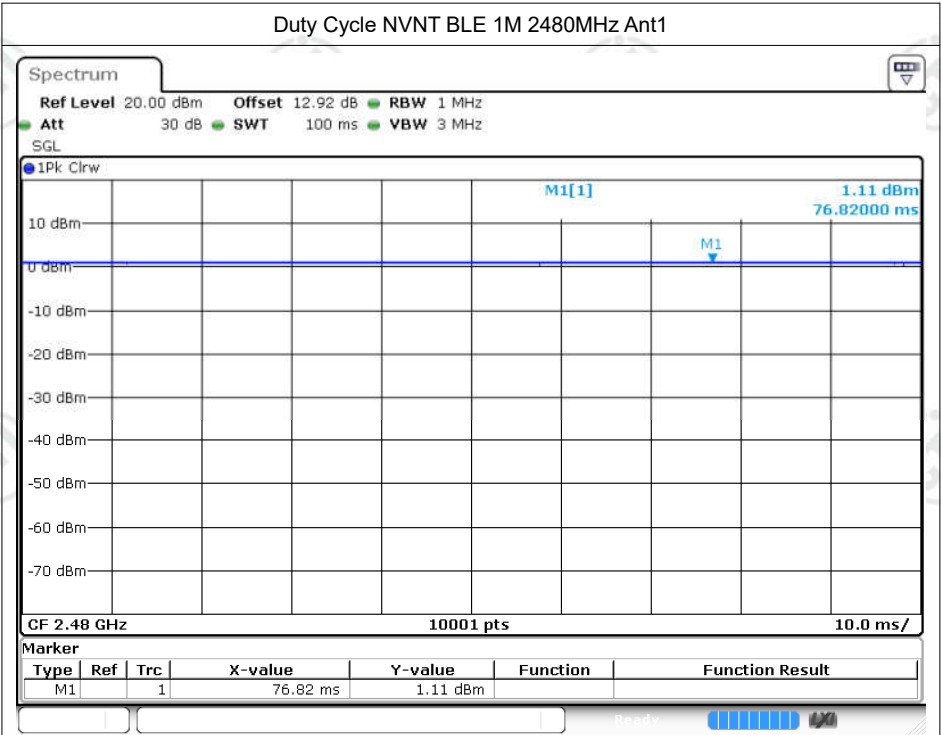
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0



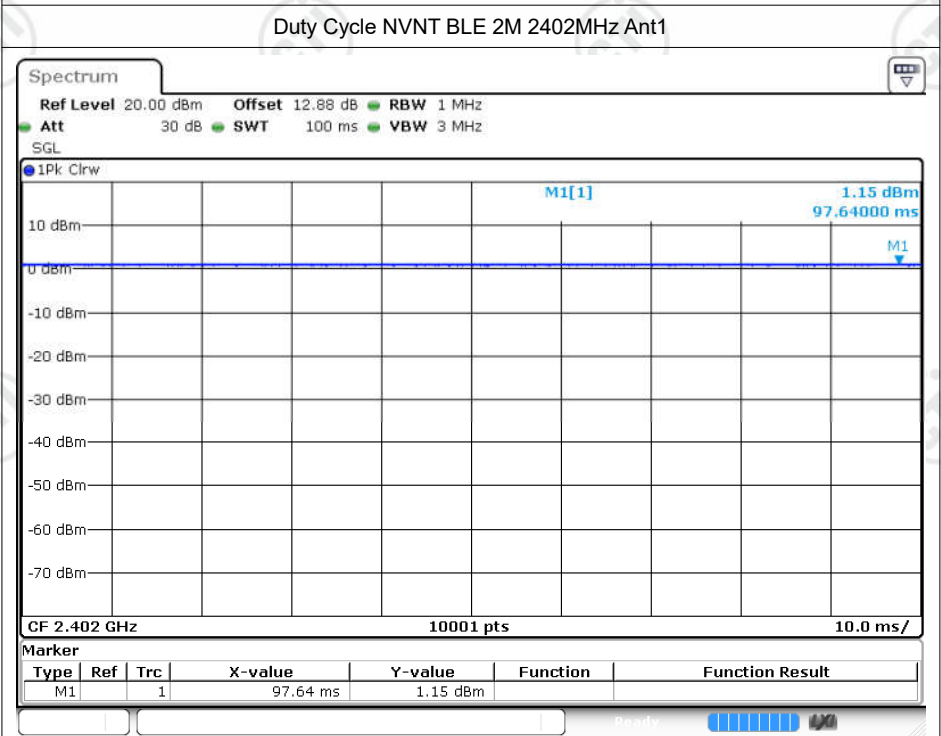
Date: 8.FEB.2023 13:53:39



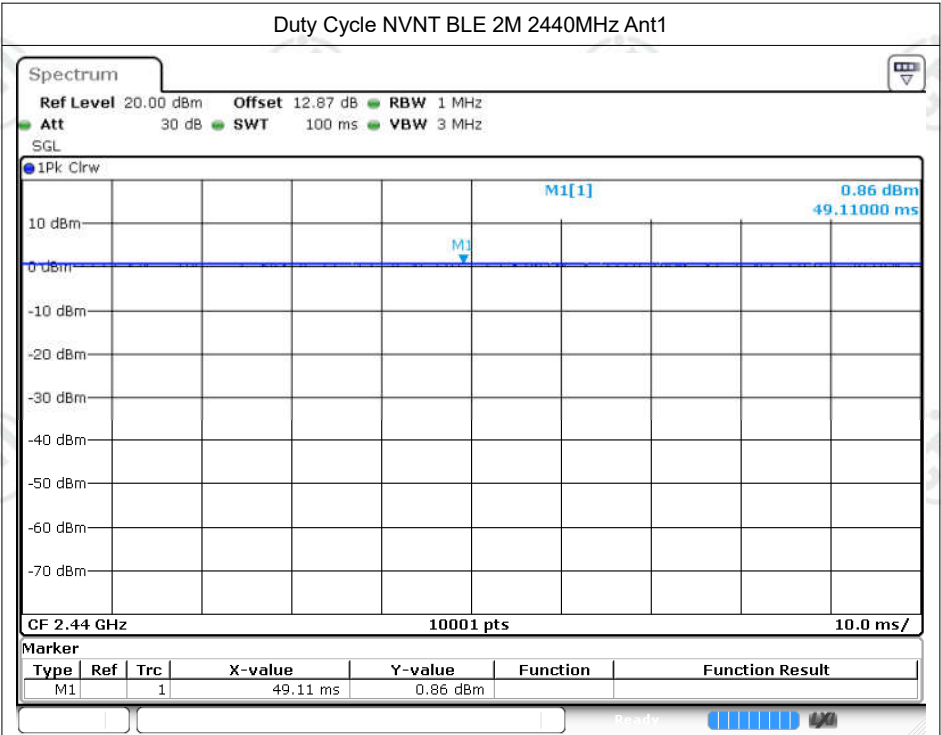
Date: 8.FEB.2023 13:57:03



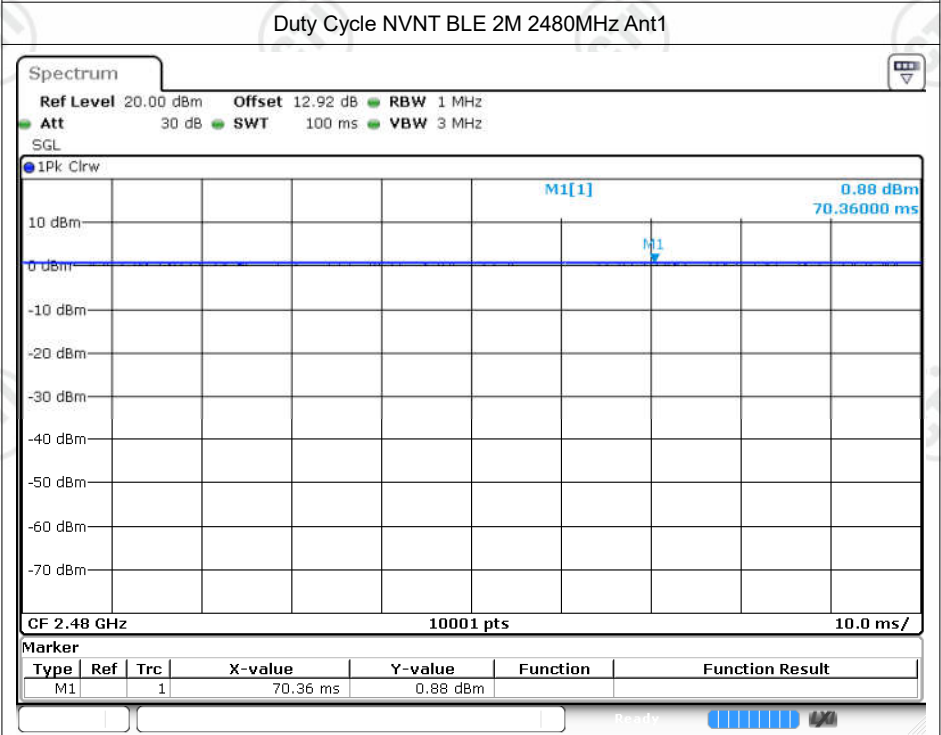
Date: 8.FEB.2023 13:58:57



Date: 8.FEB.2023 14:02:05



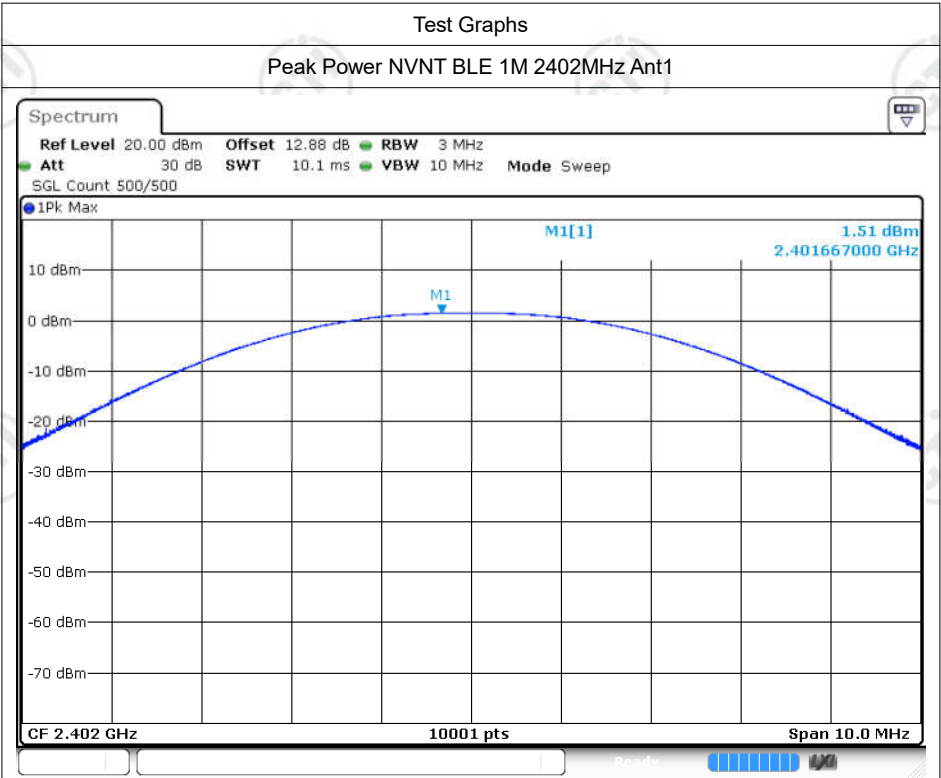
Date: 8.FEB.2023 14:04:27



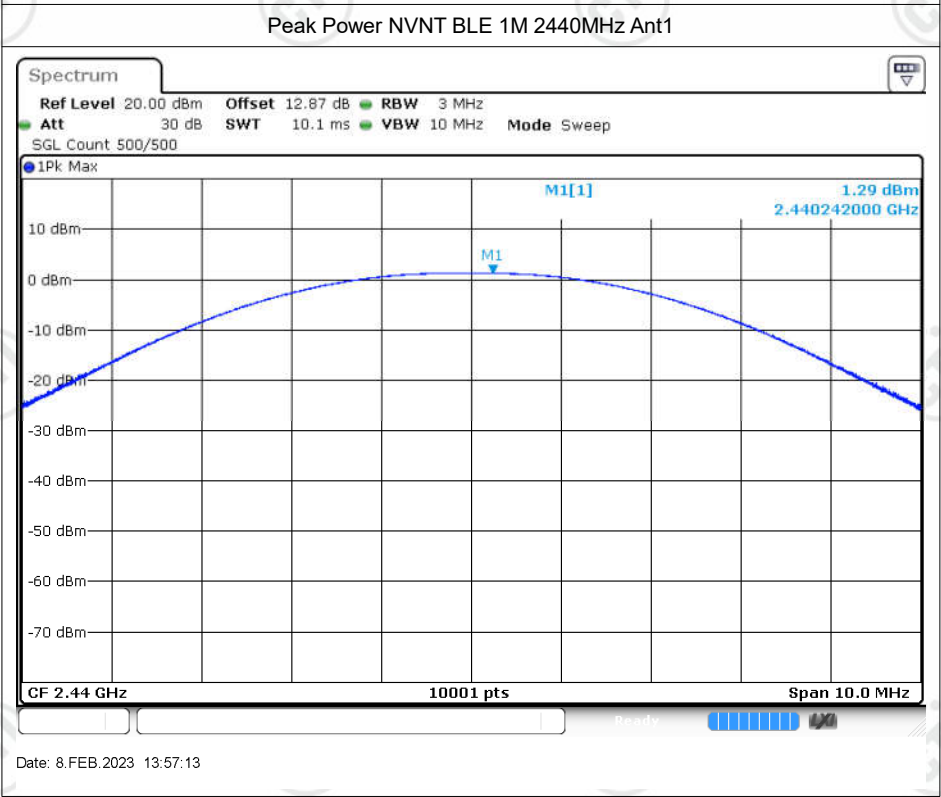
Date: 8.FEB.2023 14:06:29

Maximum Peak Conducted Output Power

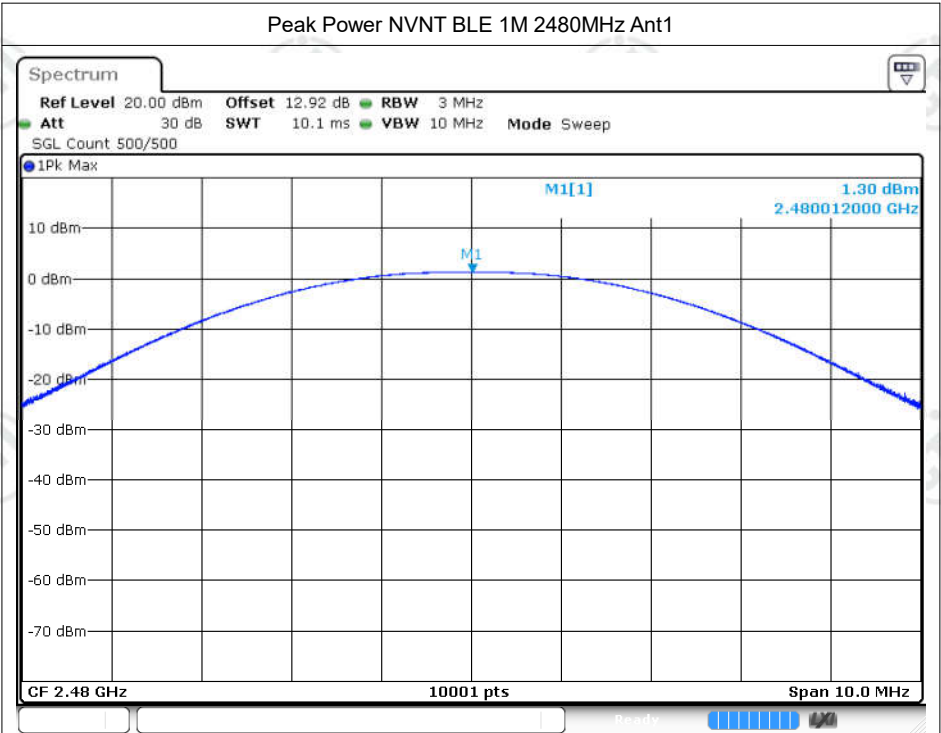
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.51	30	Pass
NVNT	BLE 1M	2440	Ant1	1.29	30	Pass
NVNT	BLE 1M	2480	Ant1	1.3	30	Pass
NVNT	BLE 2M	2402	Ant1	1.55	30	Pass
NVNT	BLE 2M	2440	Ant1	1.3	30	Pass
NVNT	BLE 2M	2480	Ant1	1.31	30	Pass



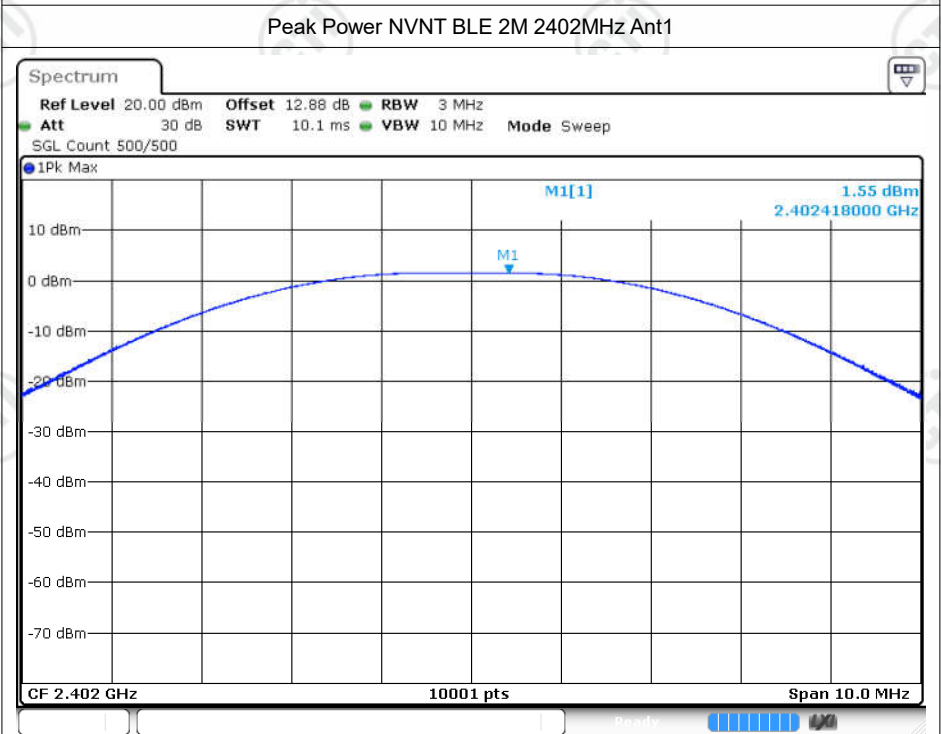
Date: 8.FEB.2023 13:53:49



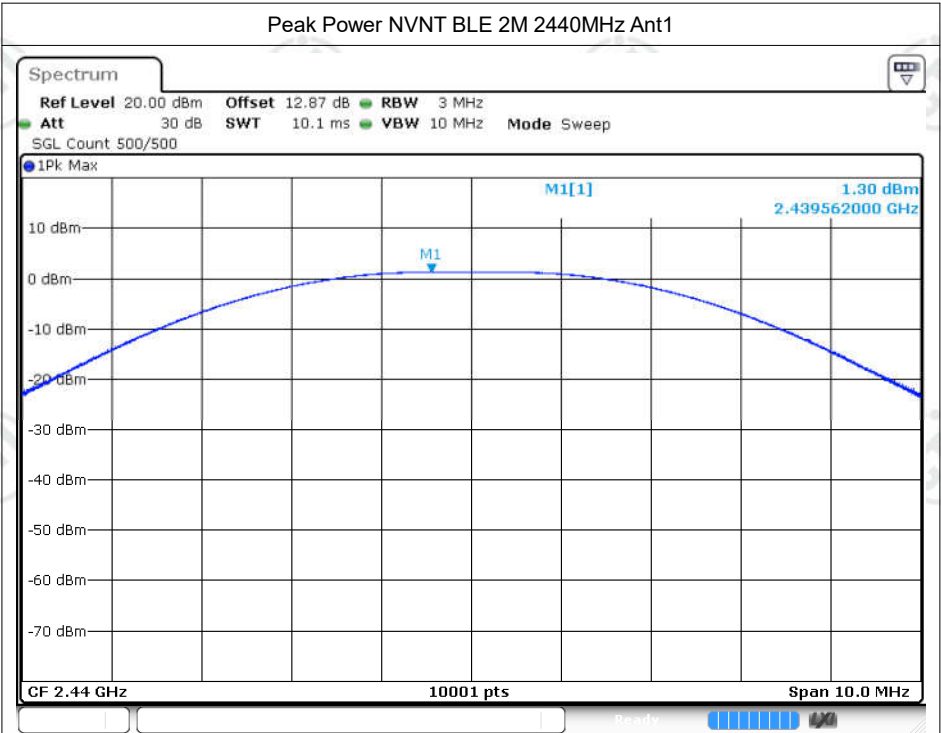
Date: 8.FEB.2023 13:57:13



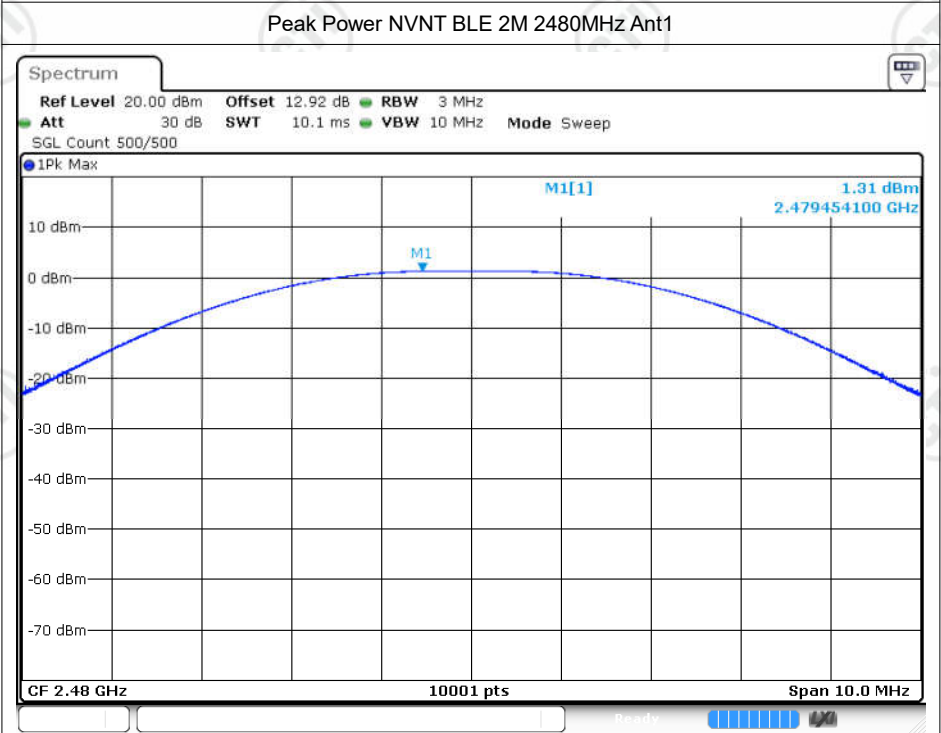
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Date: 8.FEB.2023 14:02:15



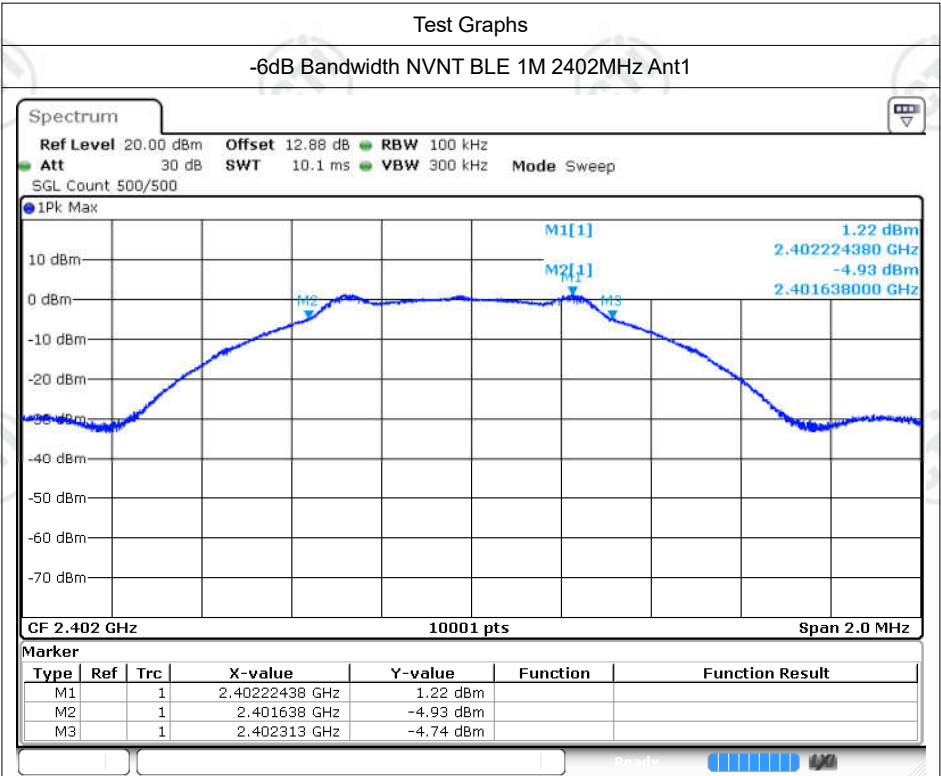
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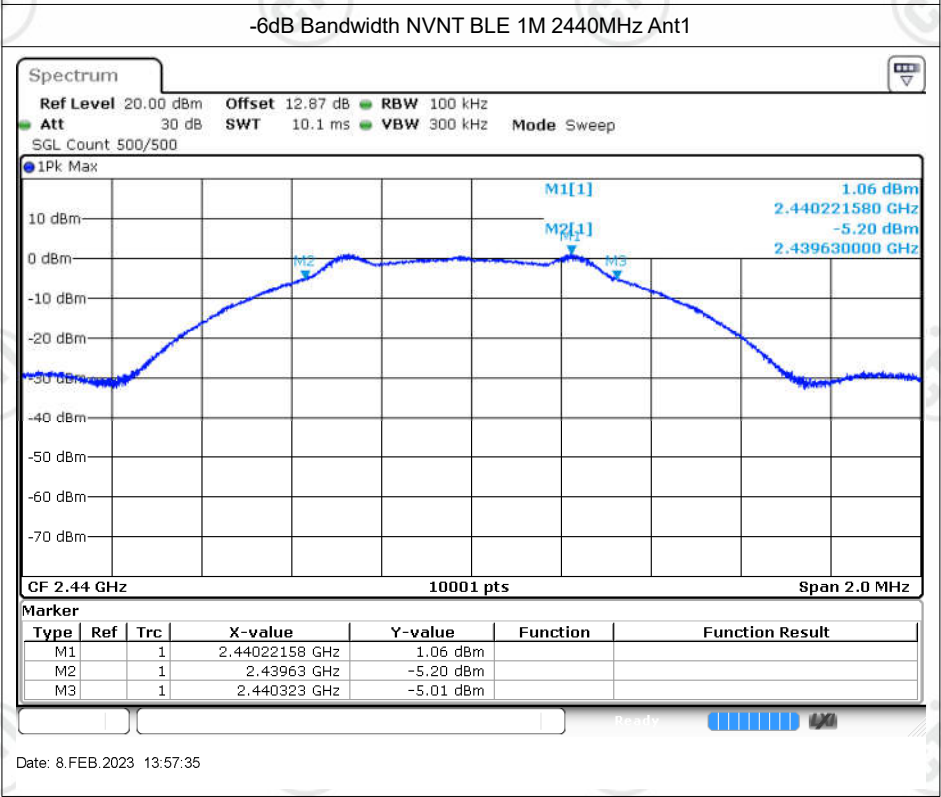
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-6dB Bandwidth

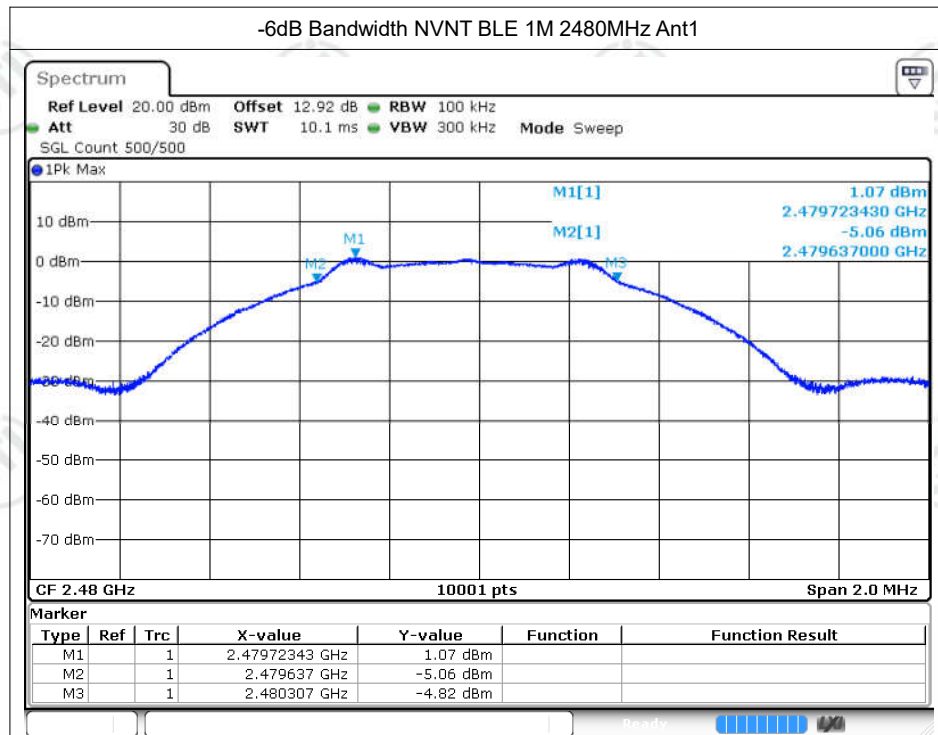
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.675	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.692	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.671	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.366	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.404	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.339	0.5	Pass



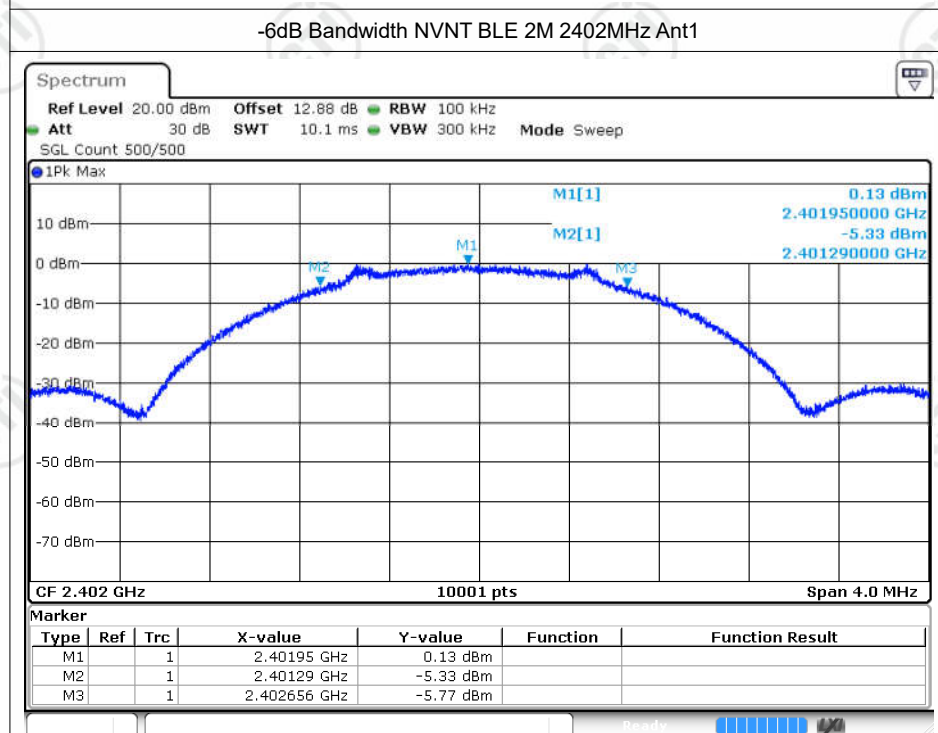
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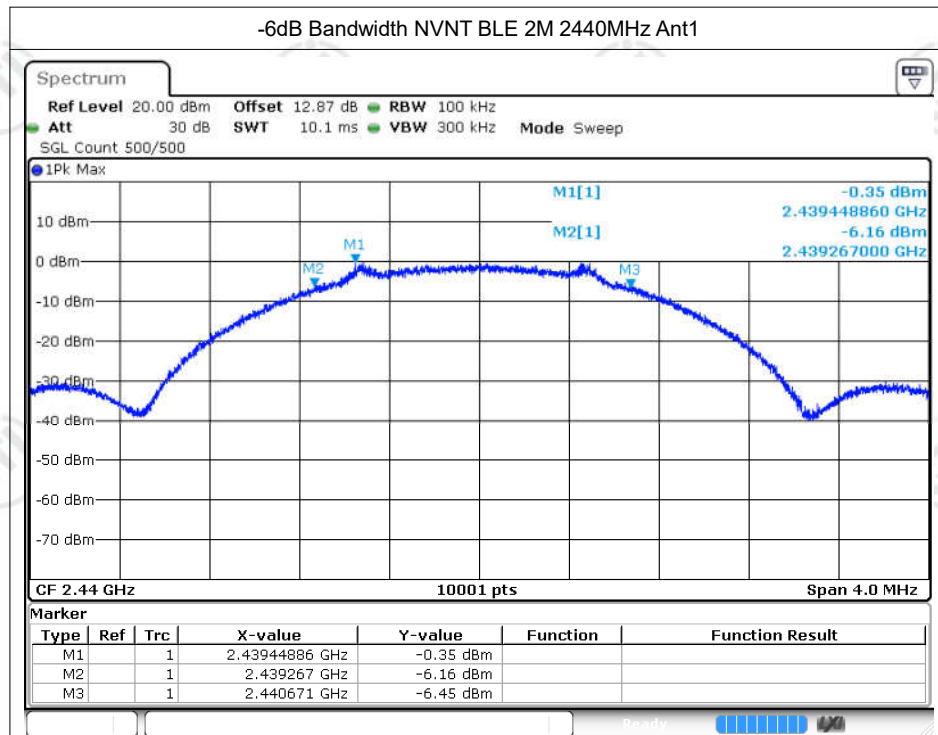
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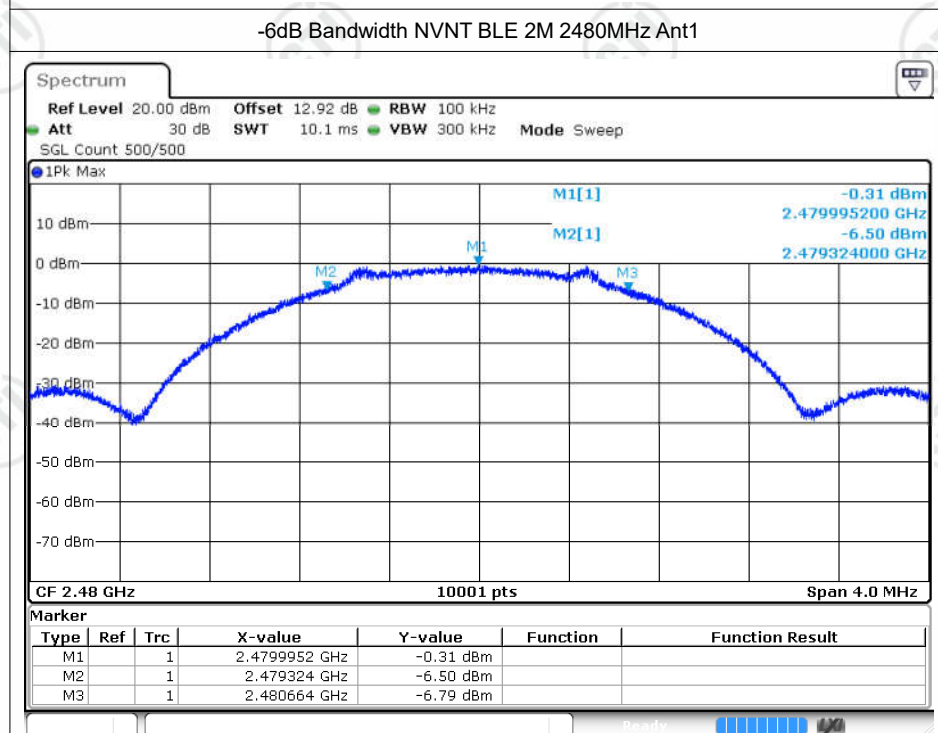
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Date: 8.FEB.2023 14:02:37



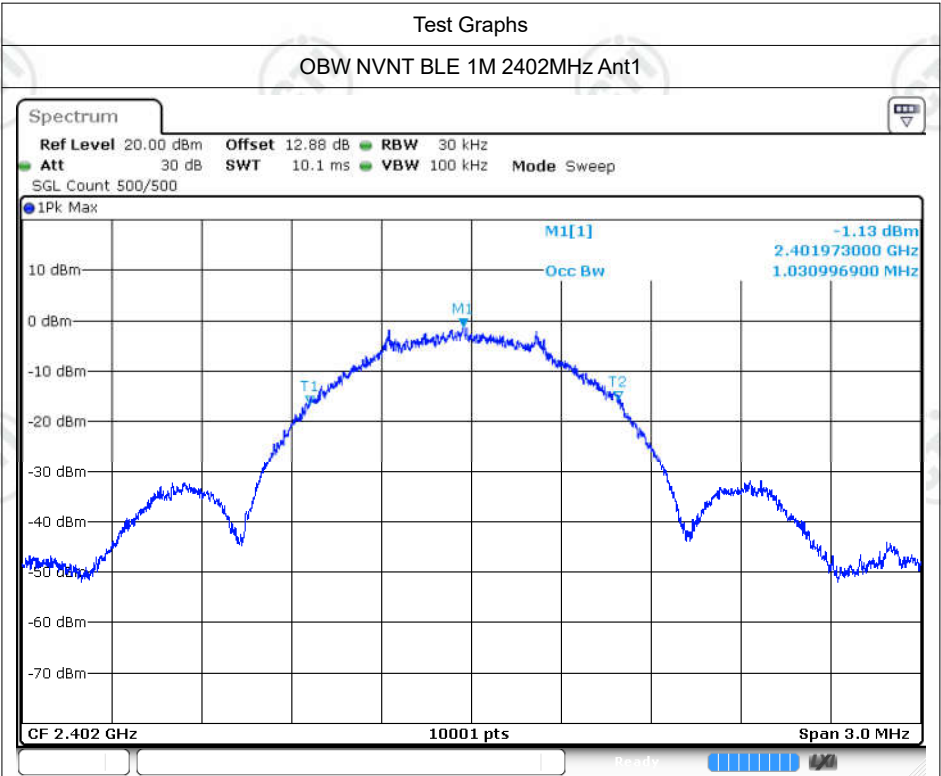
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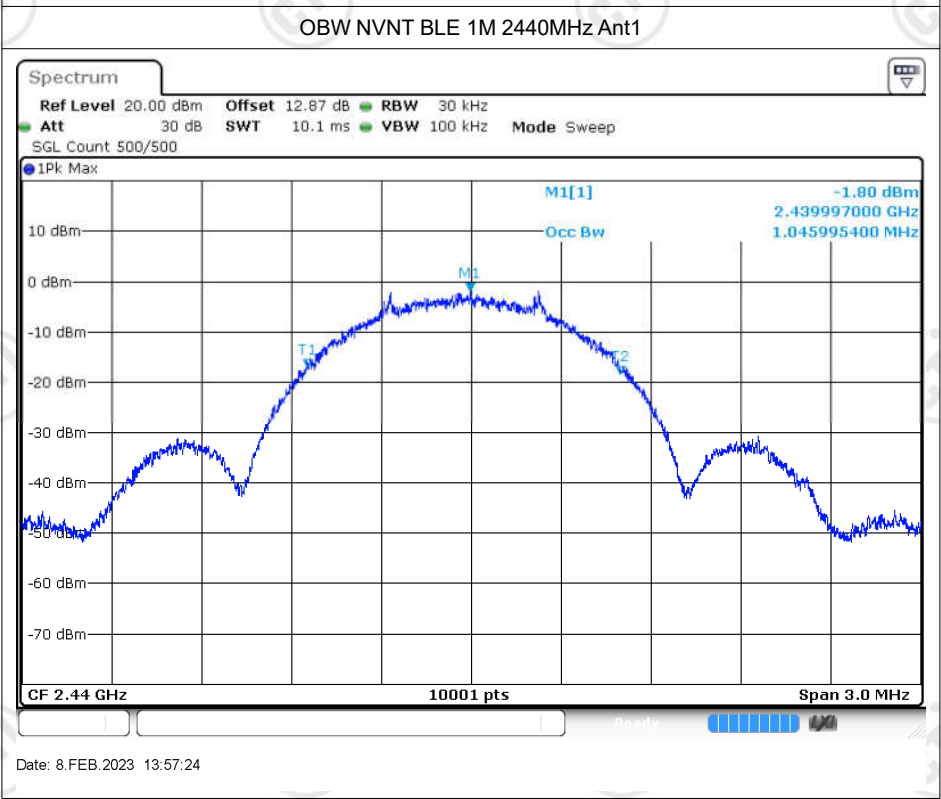
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Occupied Channel Bandwidth

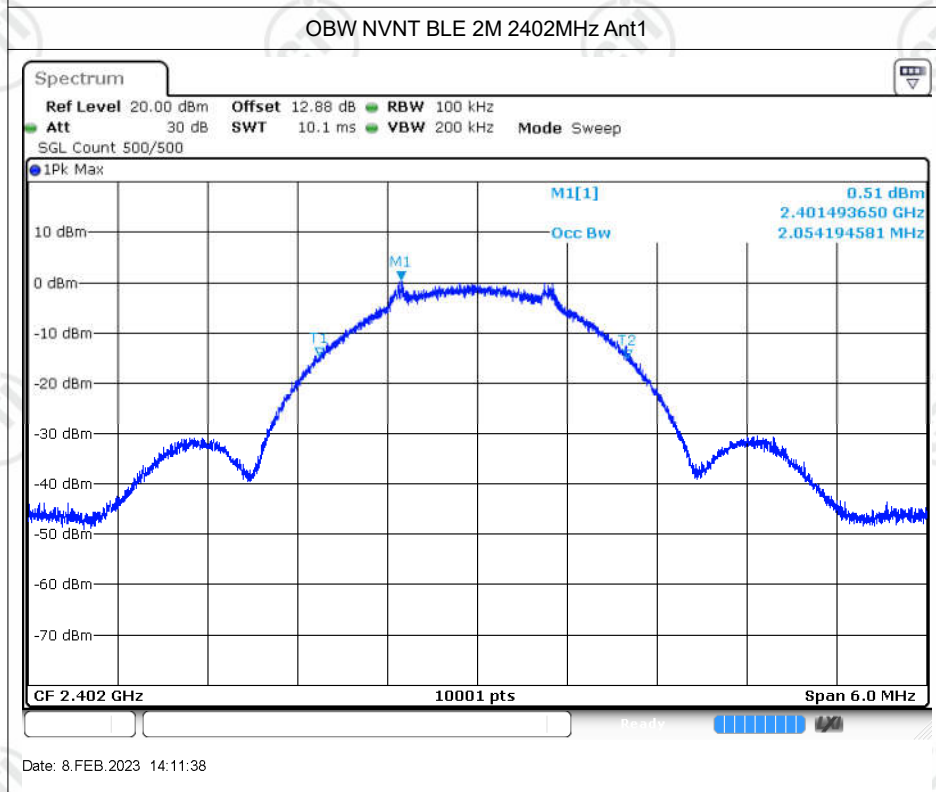
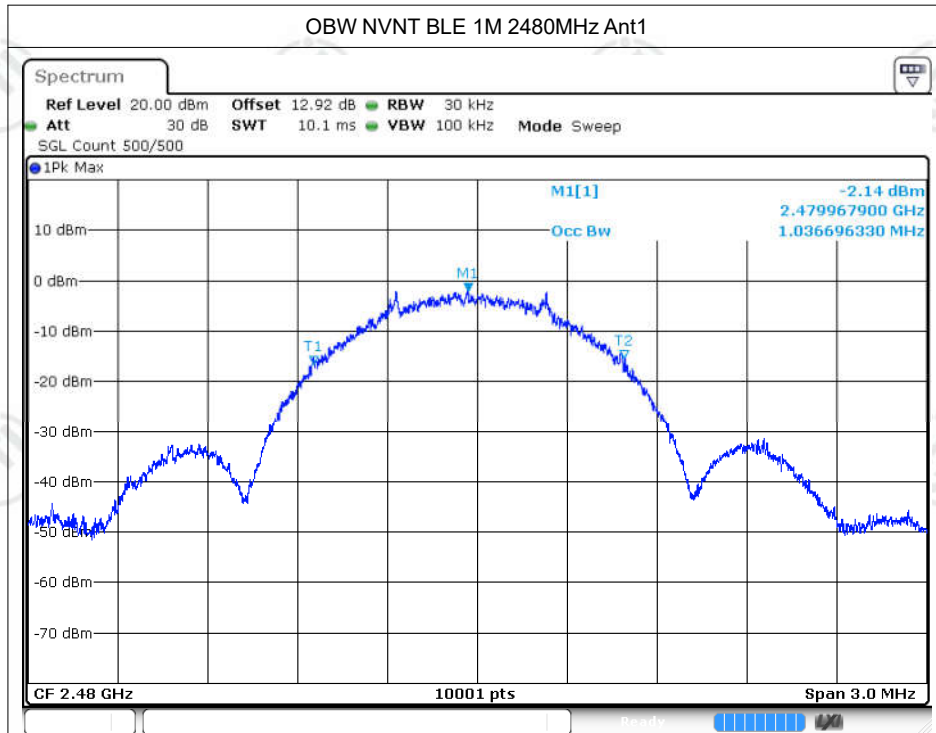
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.031
NVNT	BLE 1M	2440	Ant1	1.046
NVNT	BLE 1M	2480	Ant1	1.037
NVNT	BLE 2M	2402	Ant1	2.054
NVNT	BLE 2M	2440	Ant1	2.068
NVNT	BLE 2M	2480	Ant1	2.052

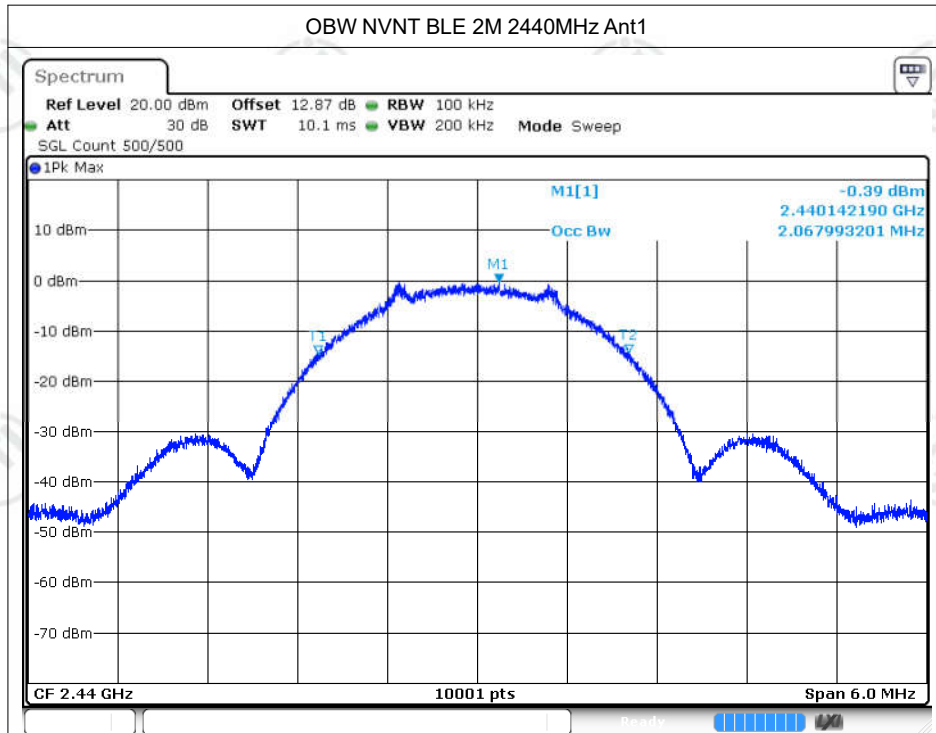


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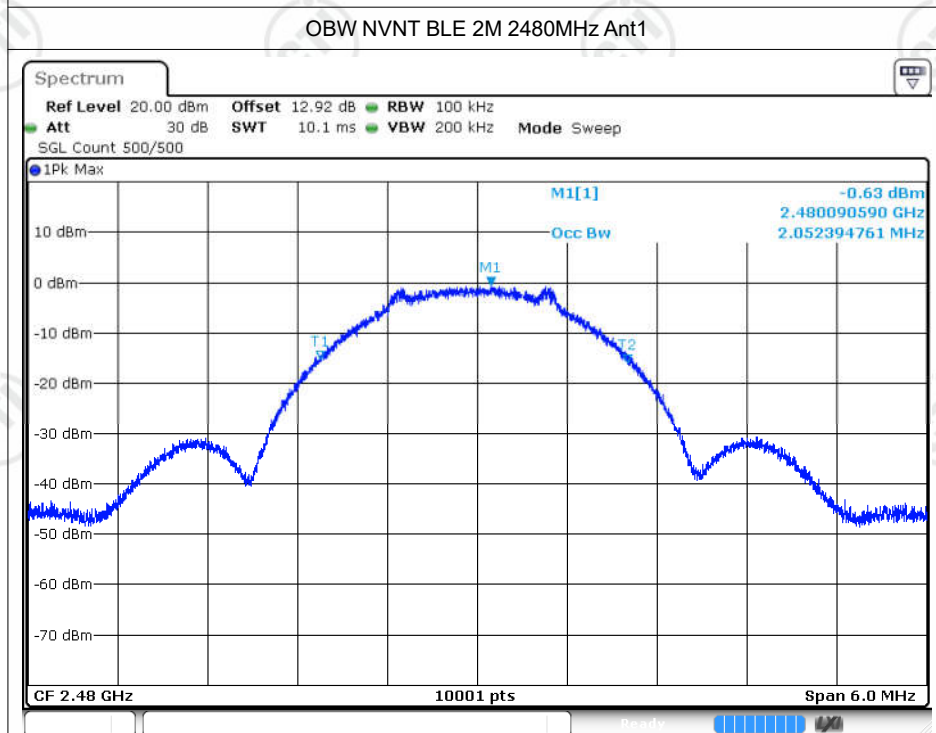


Date: 8.FEB.2023 13:57:24





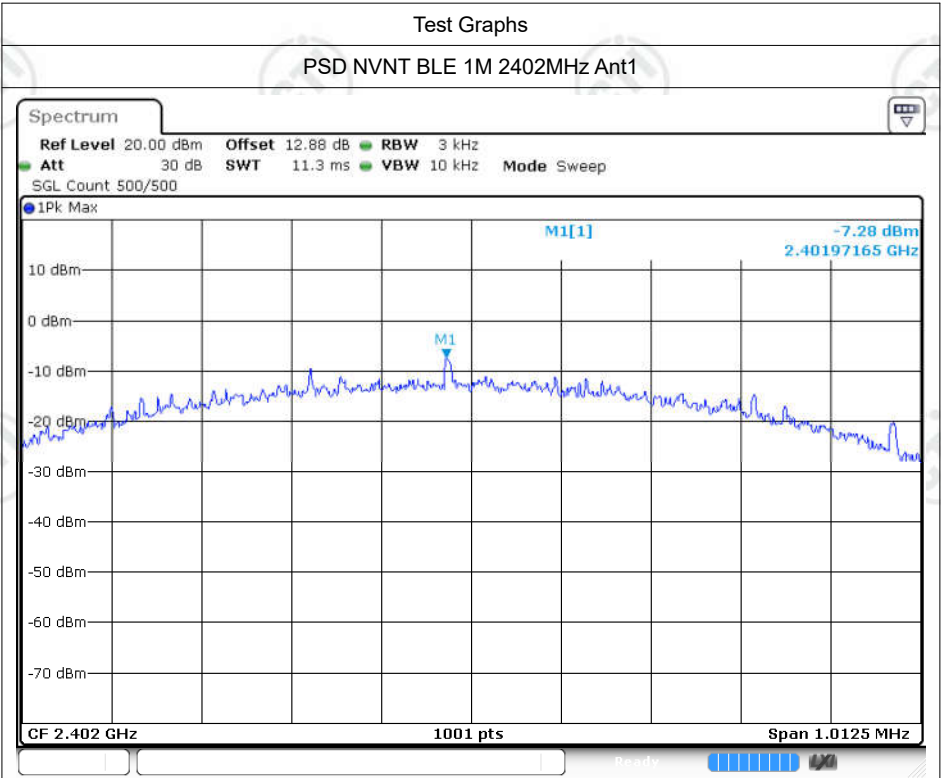
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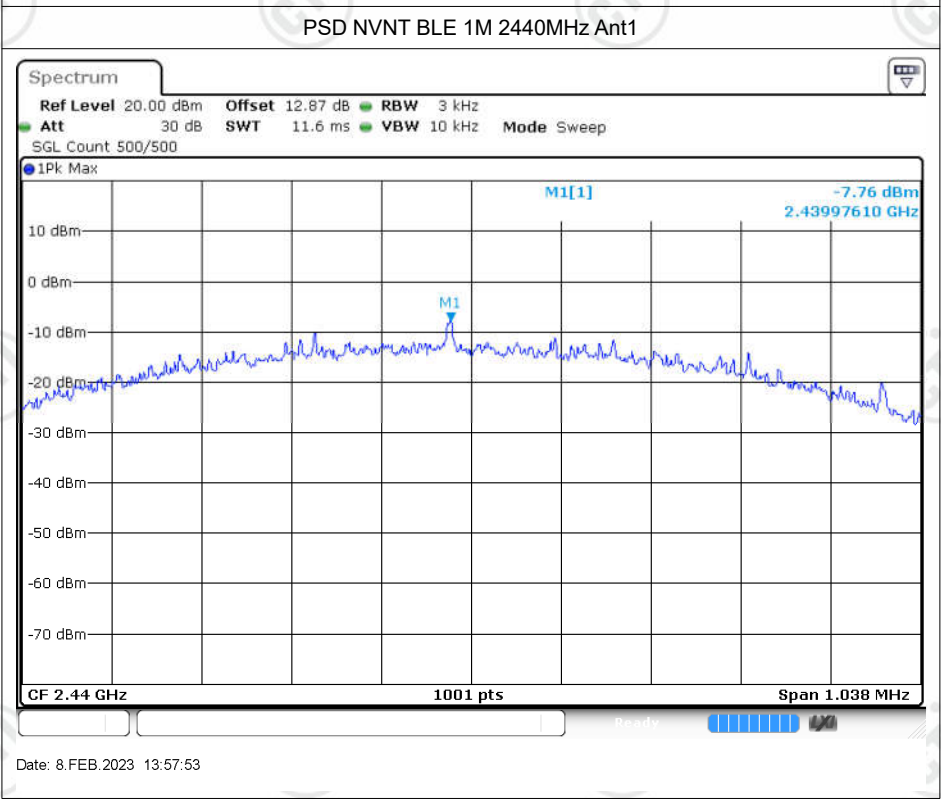
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Maximum Power Spectral Density Level

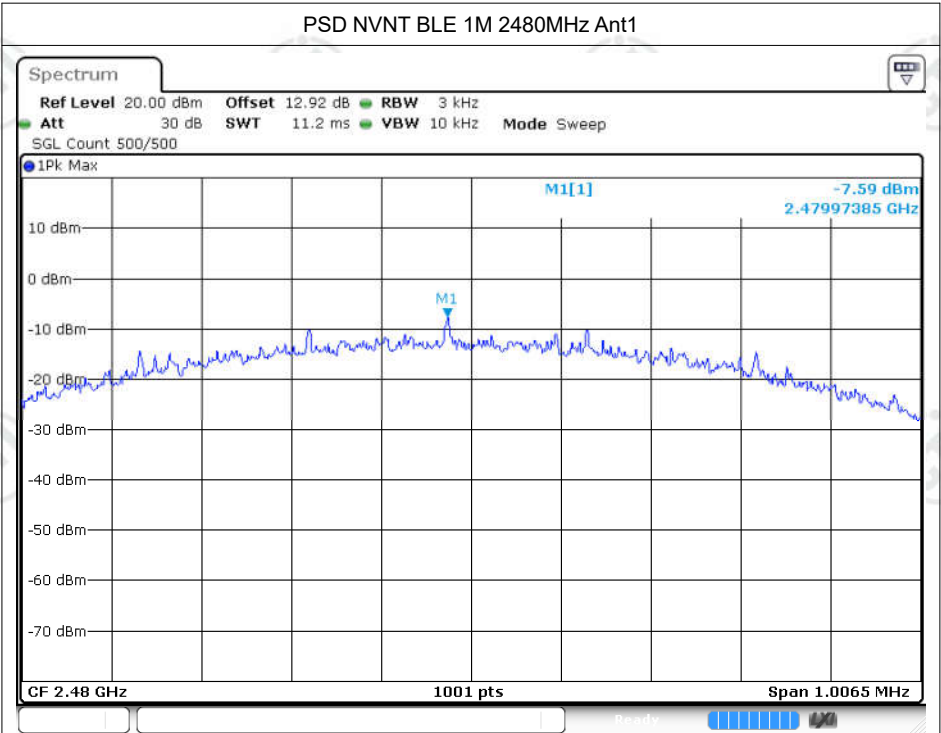
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-7.28	0	-7.28	8	Pass
NVNT	BLE 1M	2440	Ant1	-7.76	0	-7.76	8	Pass
NVNT	BLE 1M	2480	Ant1	-7.59	0	-7.59	8	Pass
NVNT	BLE 2M	2402	Ant1	-12.05	0	-12.05	8	Pass
NVNT	BLE 2M	2440	Ant1	-13.54	0	-13.54	8	Pass
NVNT	BLE 2M	2480	Ant1	-13.42	0	-13.42	8	Pass



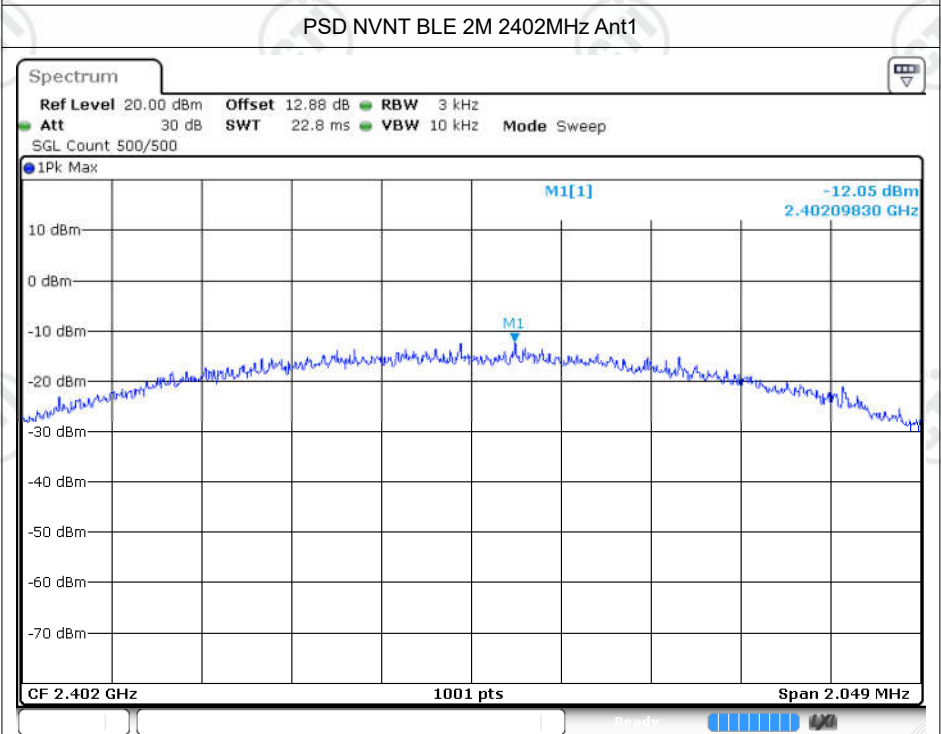
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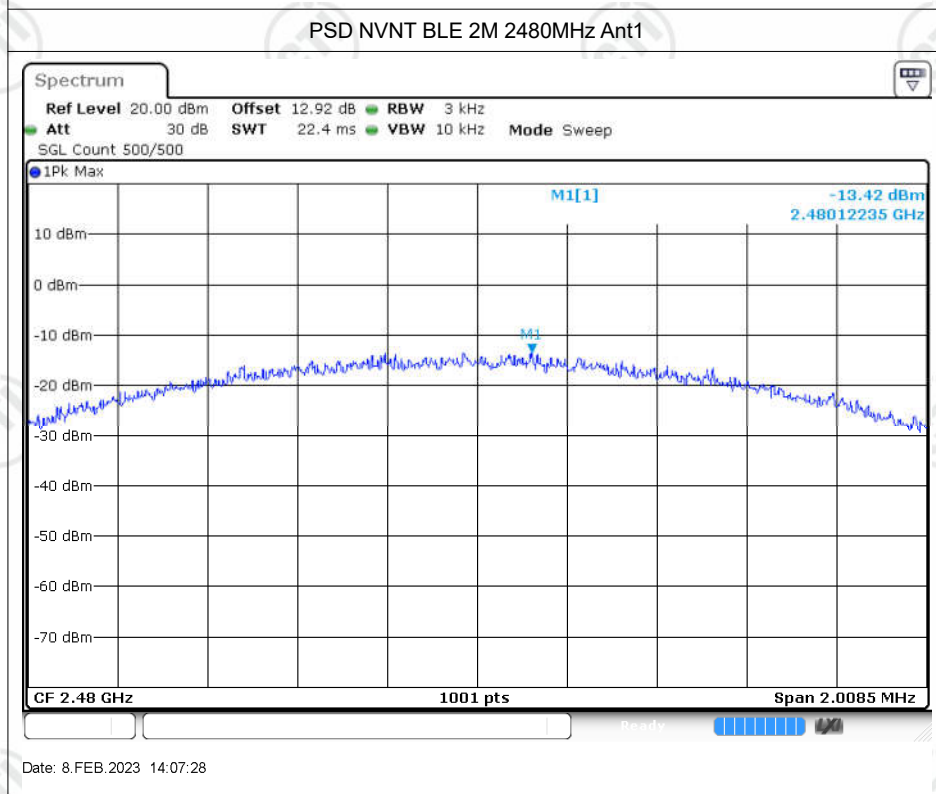
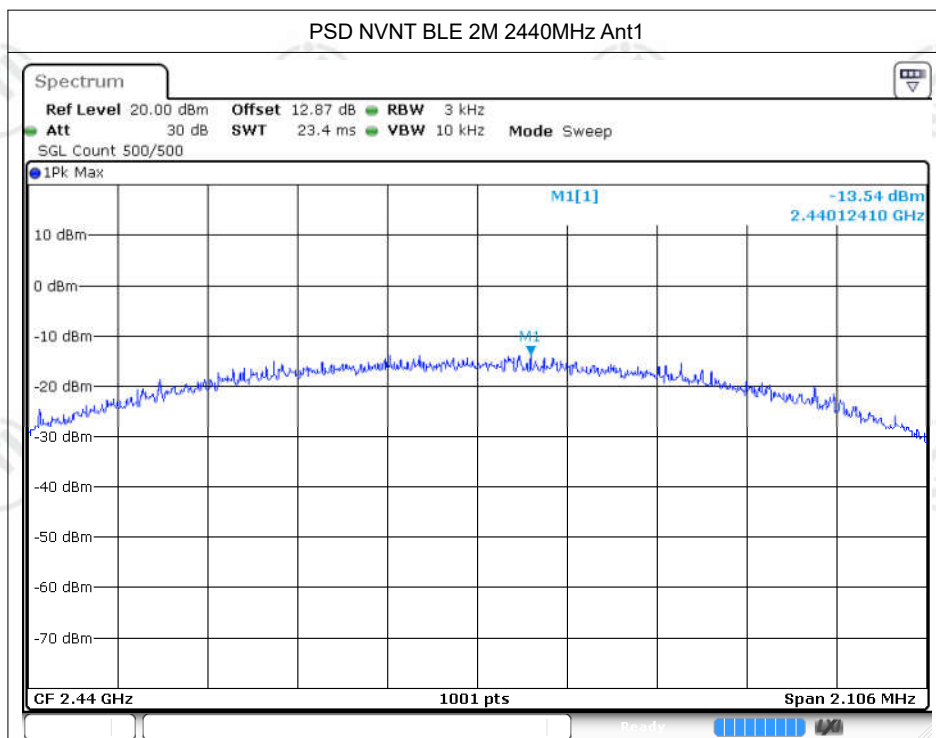
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Date: 8.FEB.2023 13:59:47

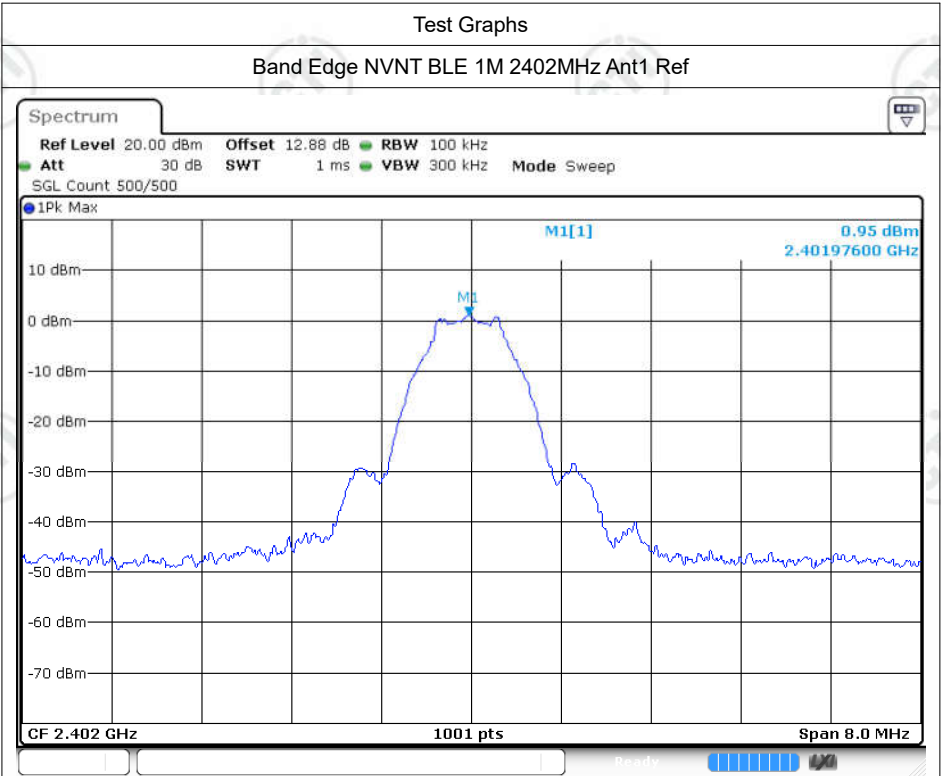


Date: 8.FEB.2023 14:03:05

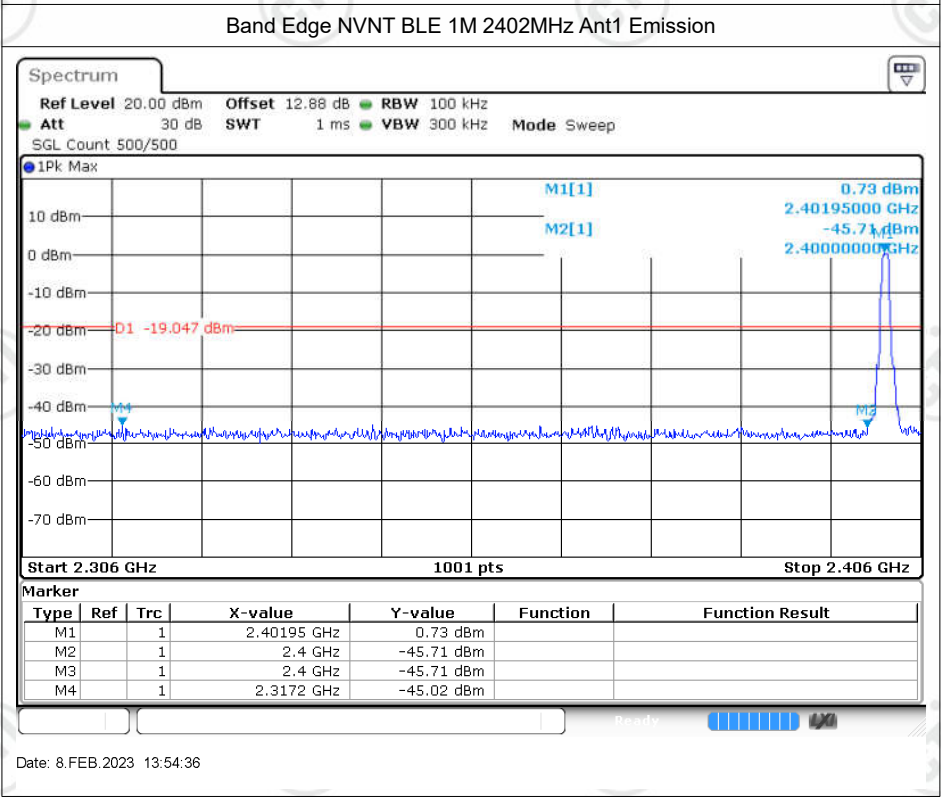


Band Edge

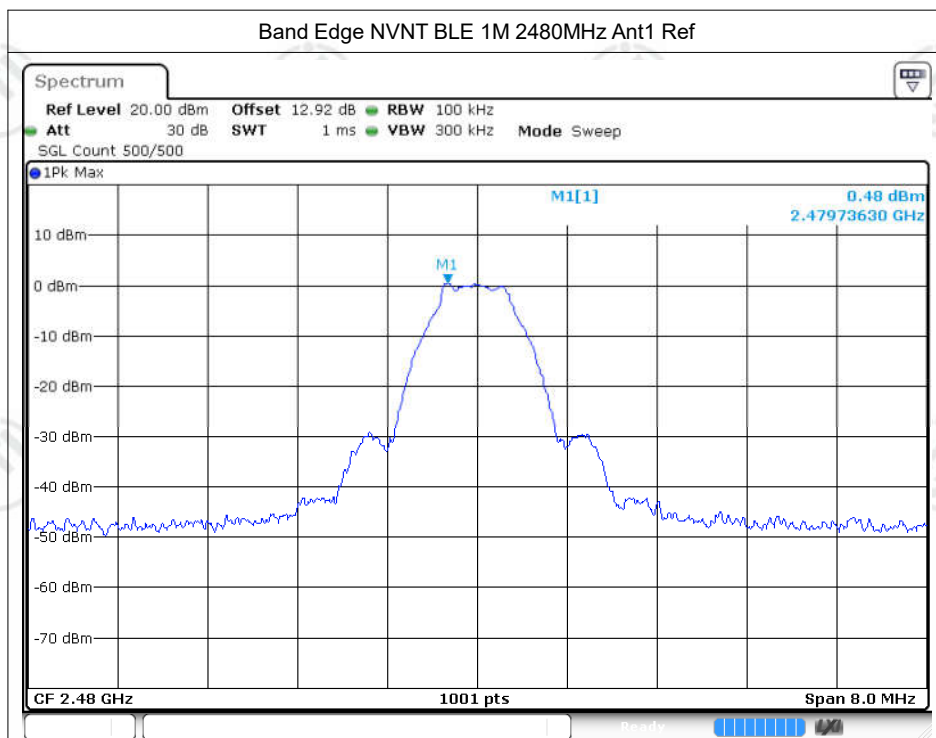
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.97	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.91	-20	Pass
NVNT	BLE 2M	2402	Ant1	-31.9	-20	Pass
NVNT	BLE 2M	2480	Ant1	-44.58	-20	Pass



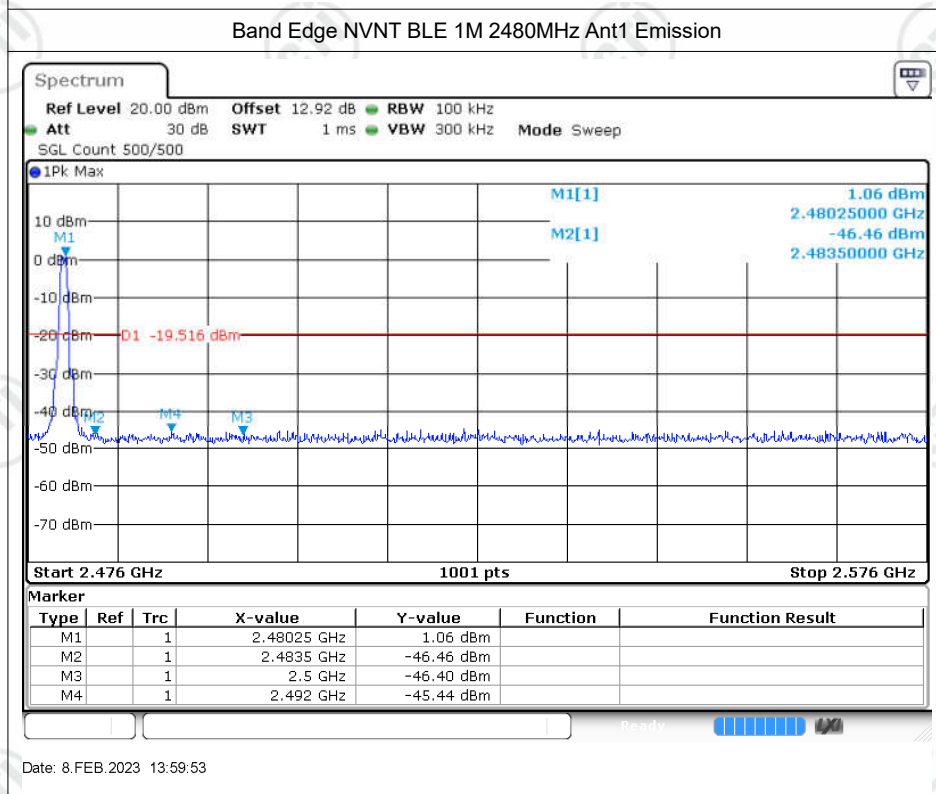
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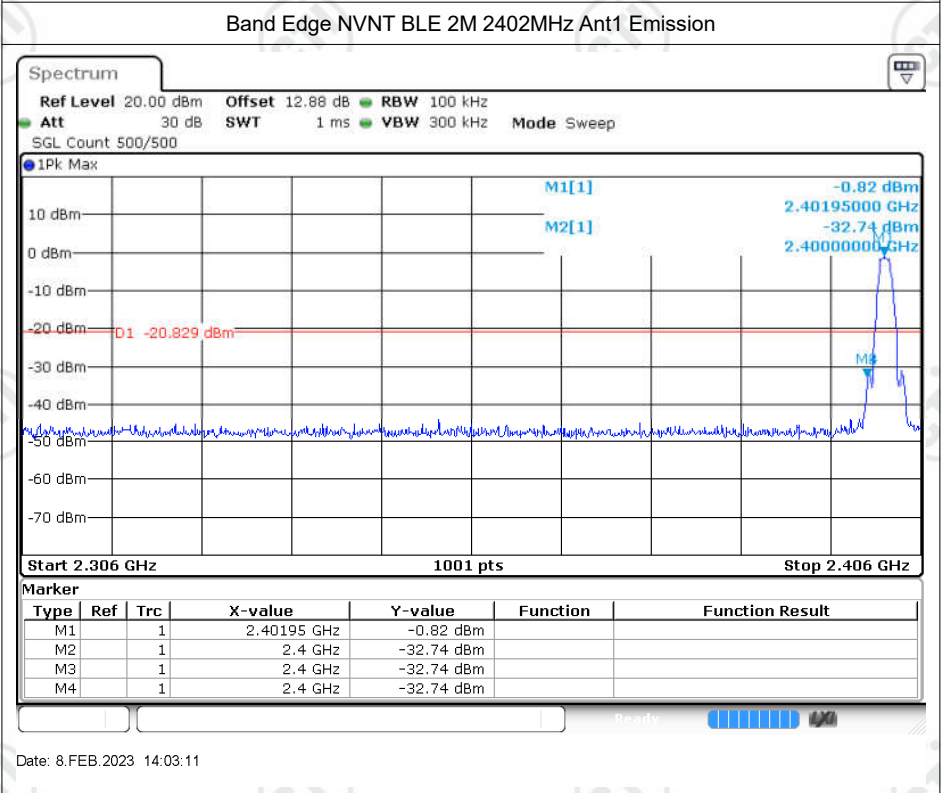
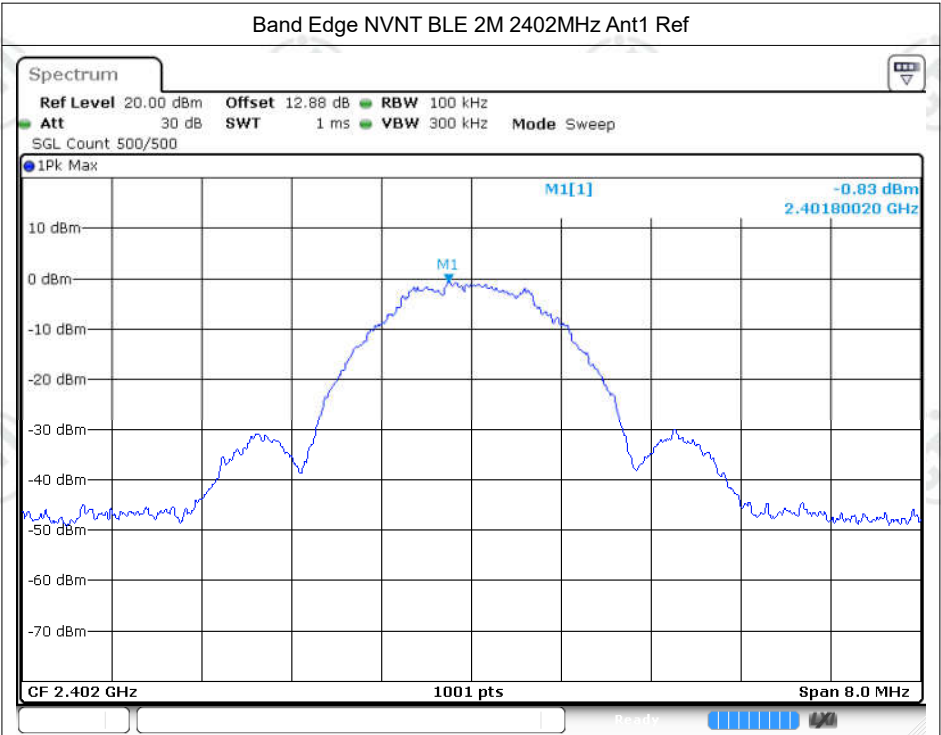
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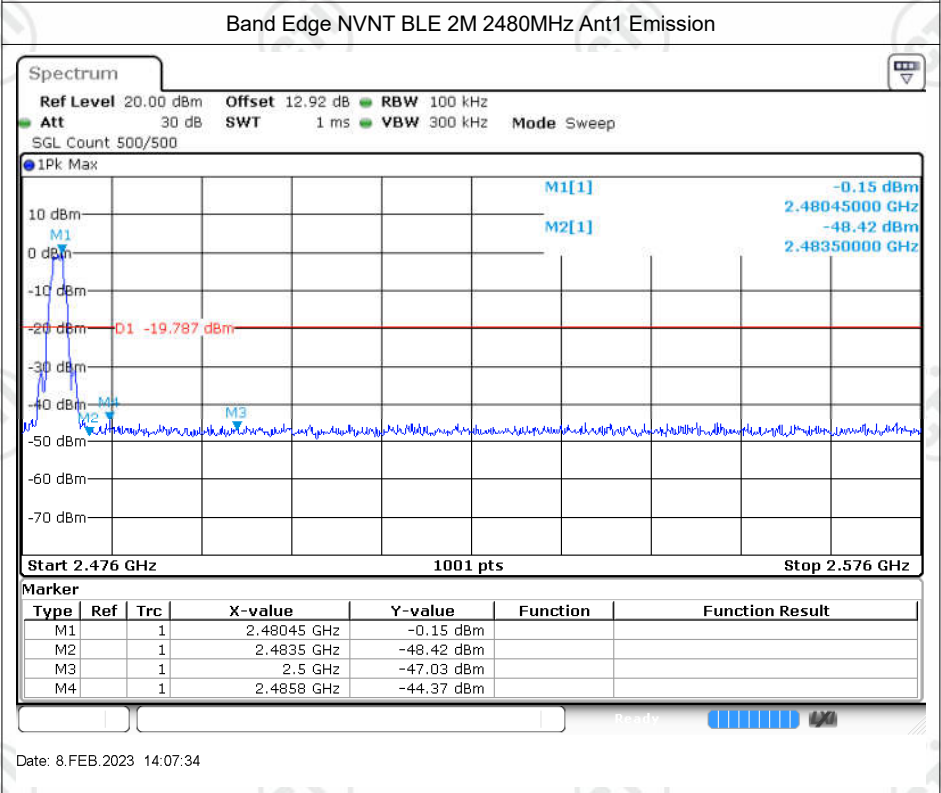
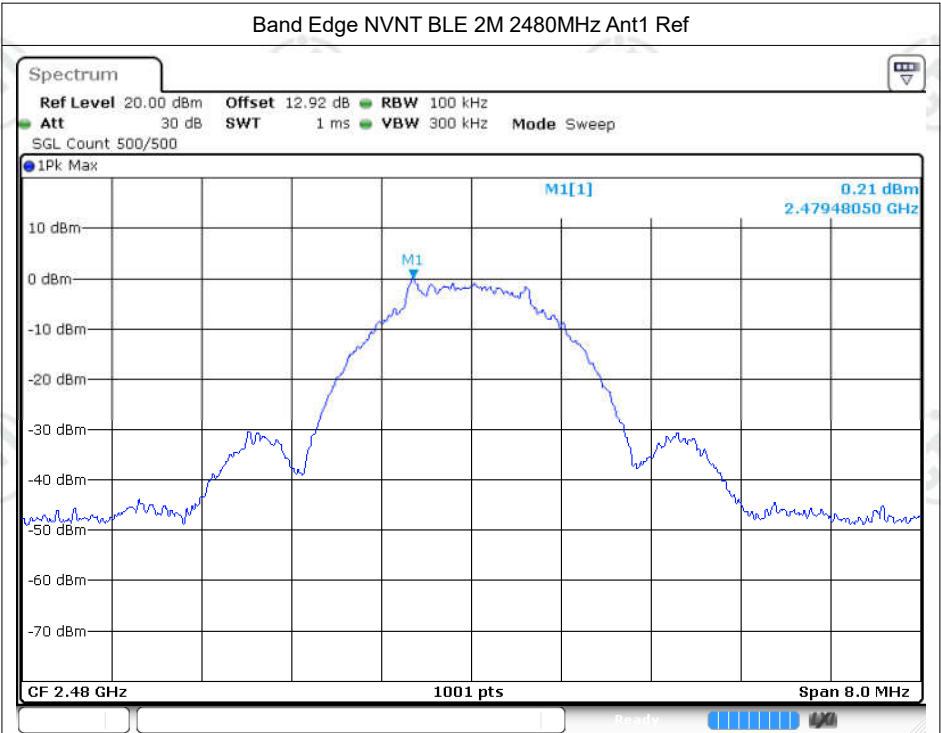


Date: 8.FEB.2023 13:59:50



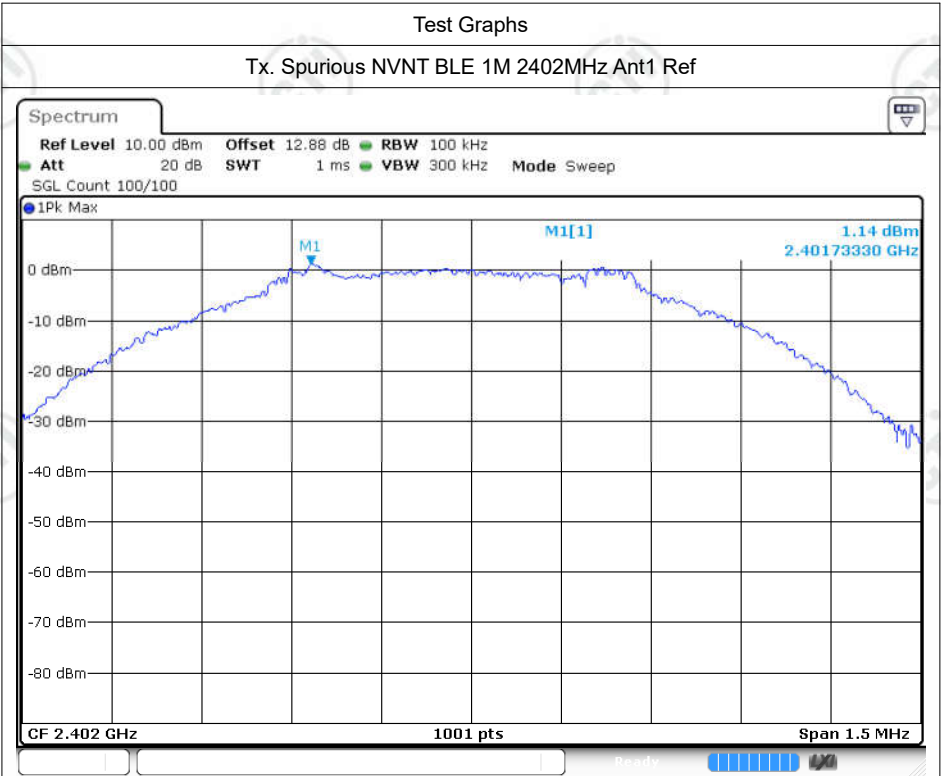
Date: 8.FEB.2023 13:59:53



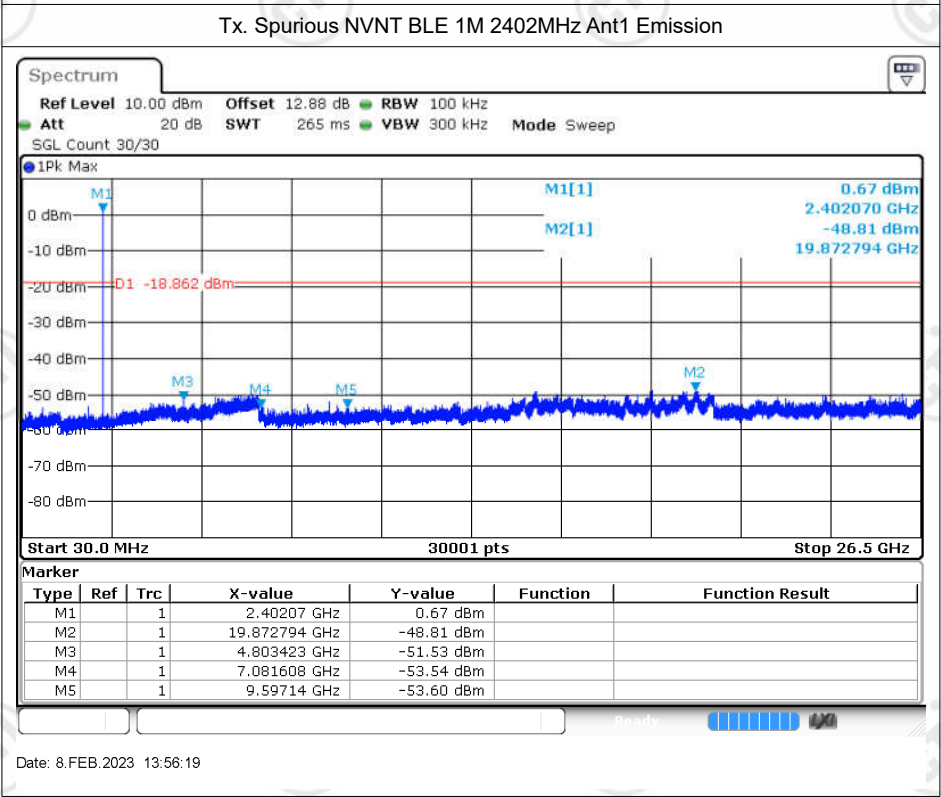


Conducted RF Spurious Emission

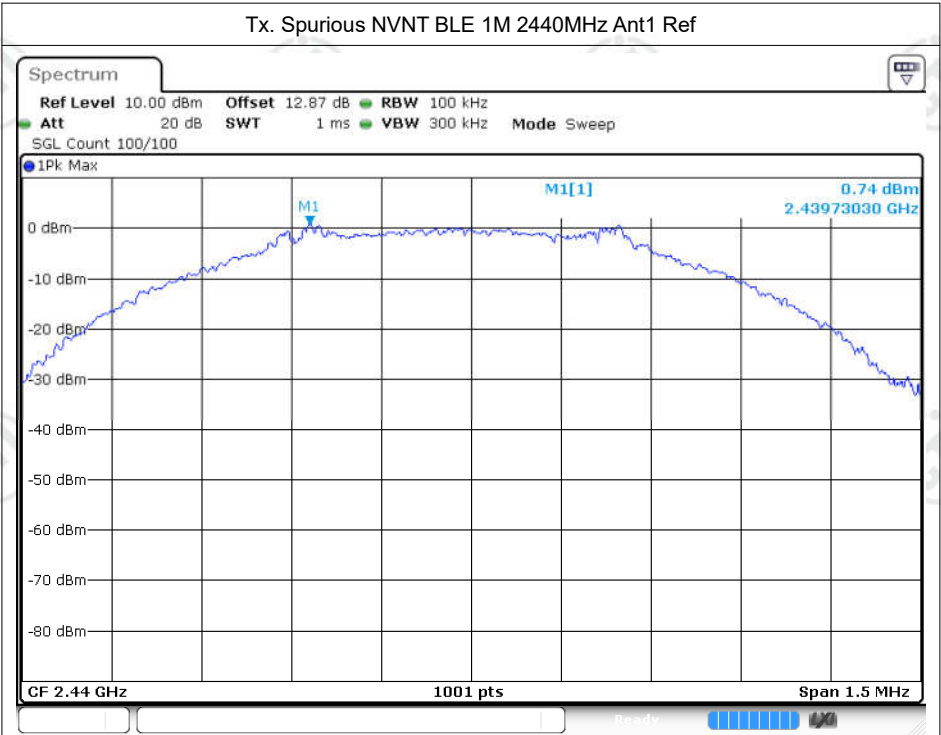
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-49.95	-20	Pass
NVNT	BLE 1M	2440	Ant1	-49.15	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.4	-20	Pass
NVNT	BLE 2M	2402	Ant1	-47.88	-20	Pass
NVNT	BLE 2M	2440	Ant1	-47.5	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.17	-20	Pass



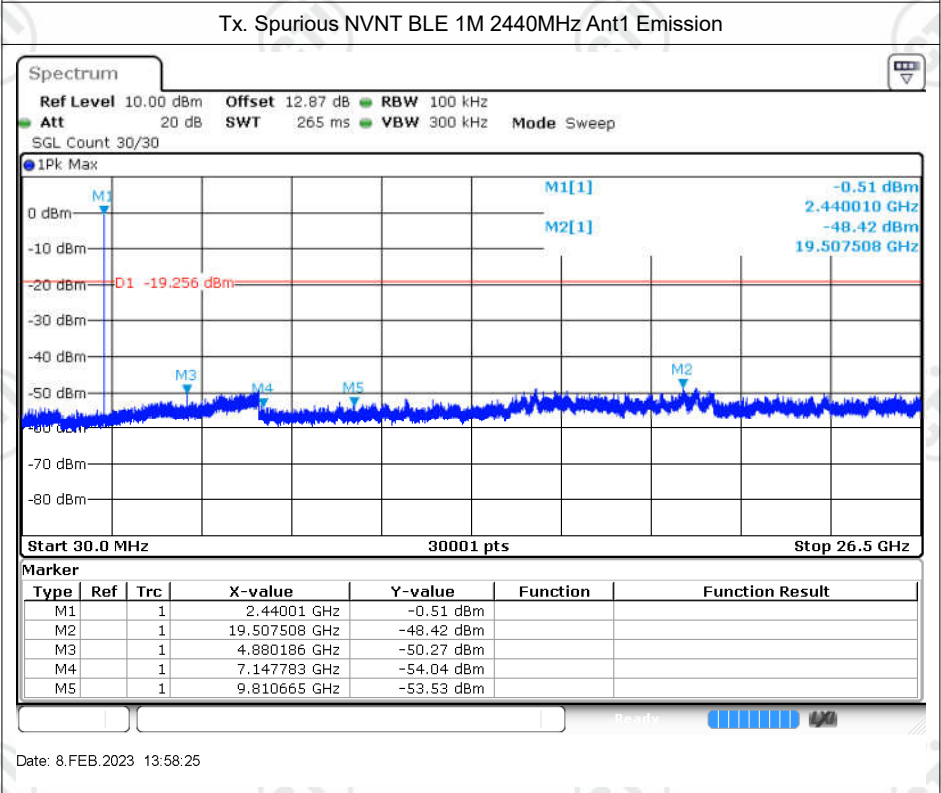
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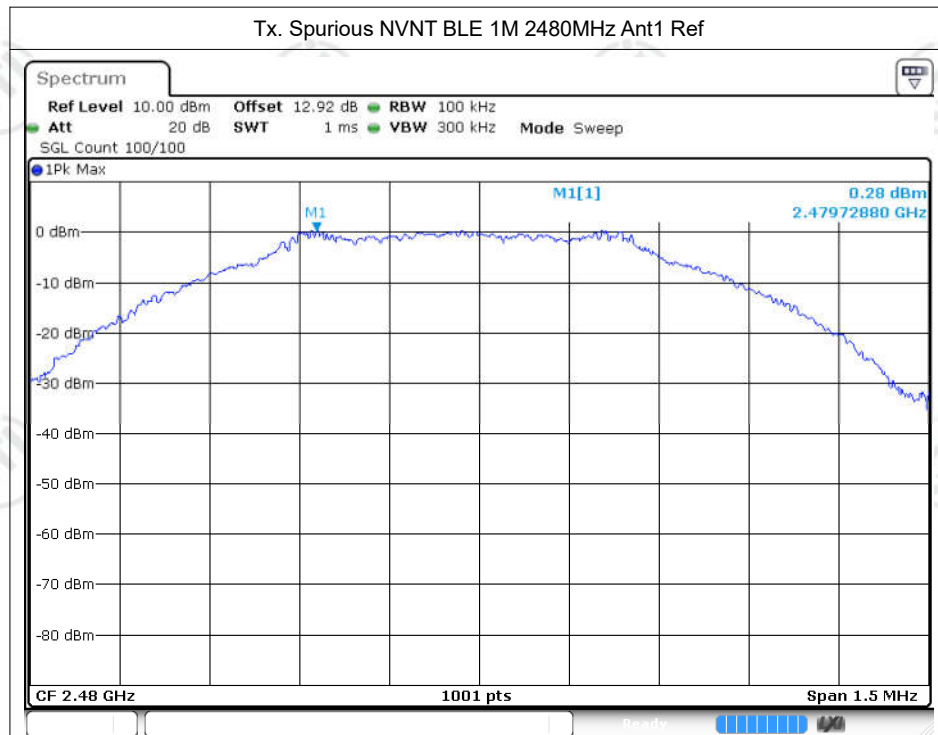
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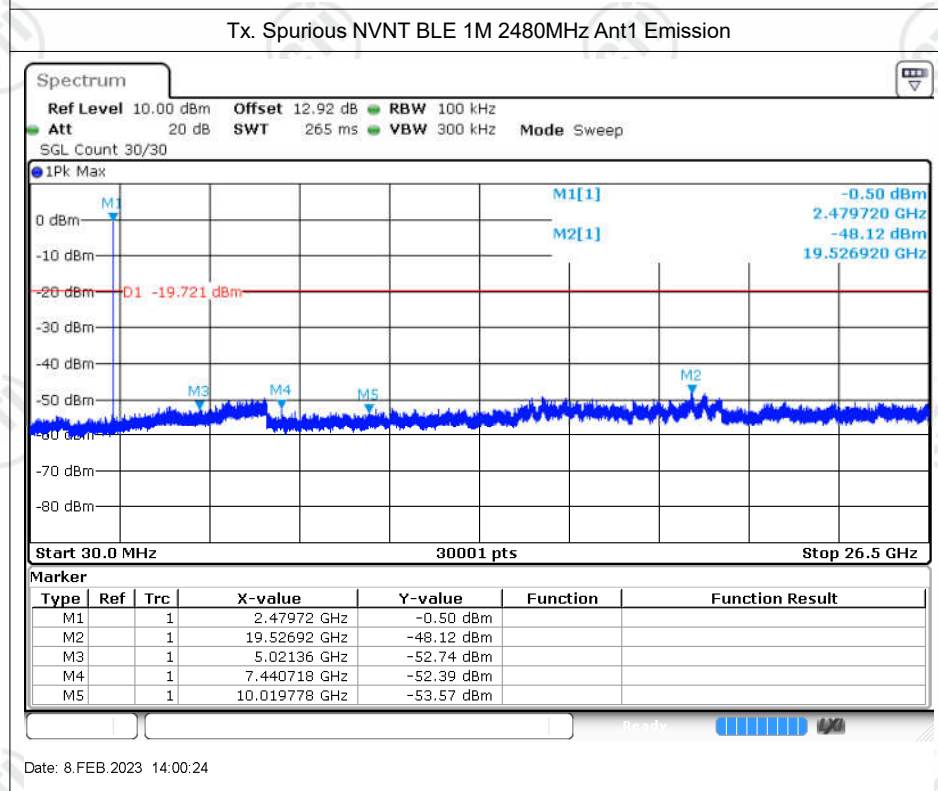
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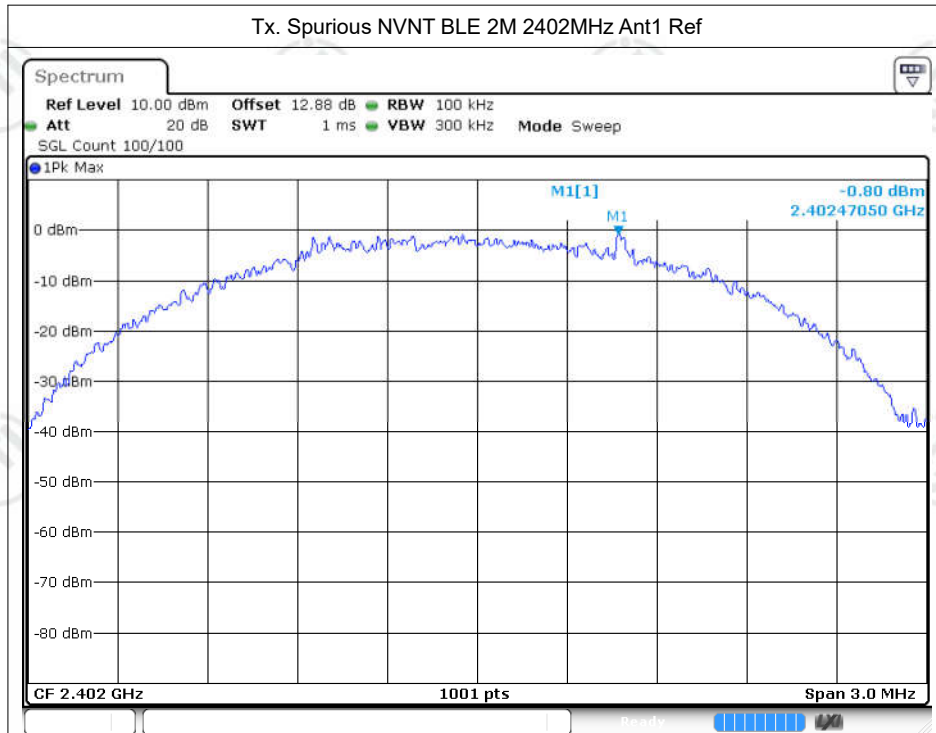
Date: 8.FEB.2023 13:58:25



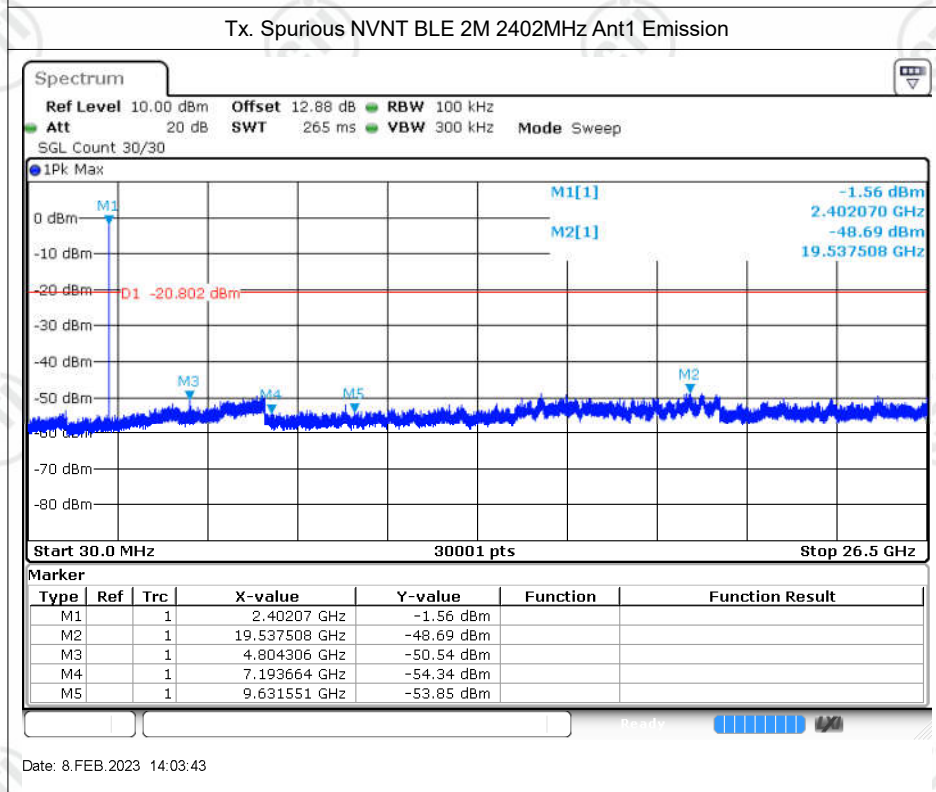
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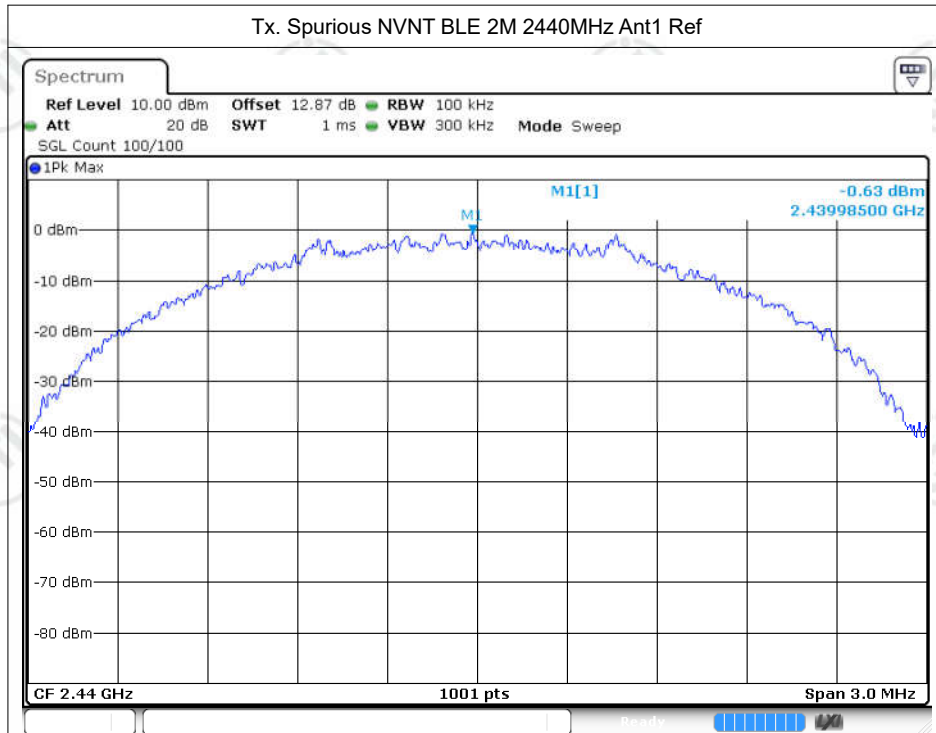
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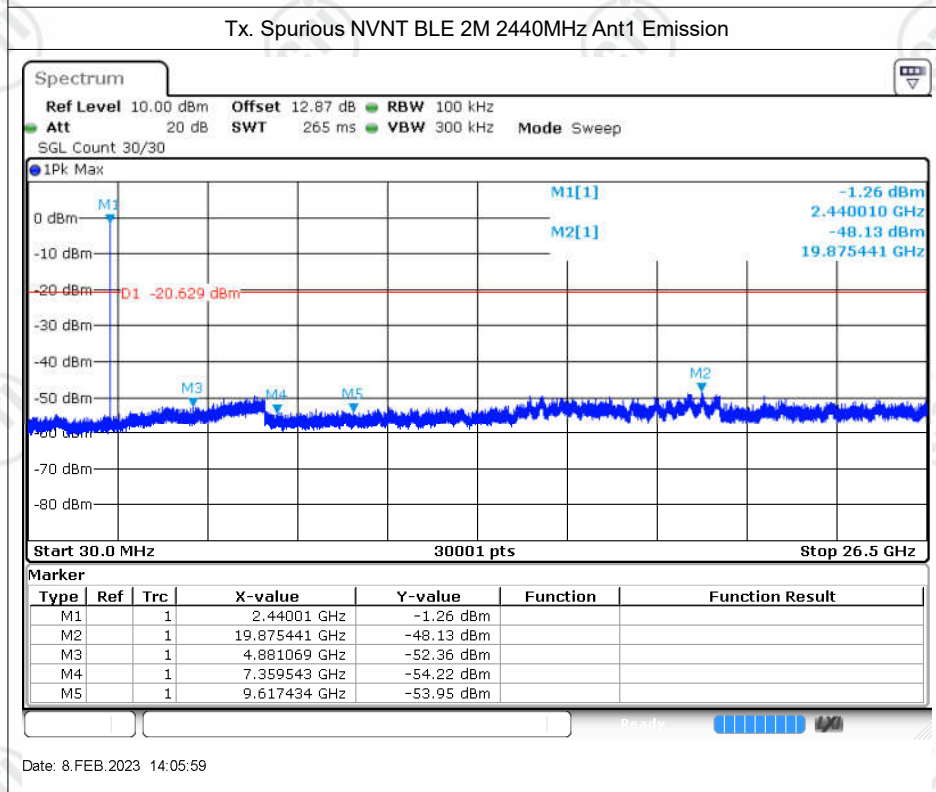
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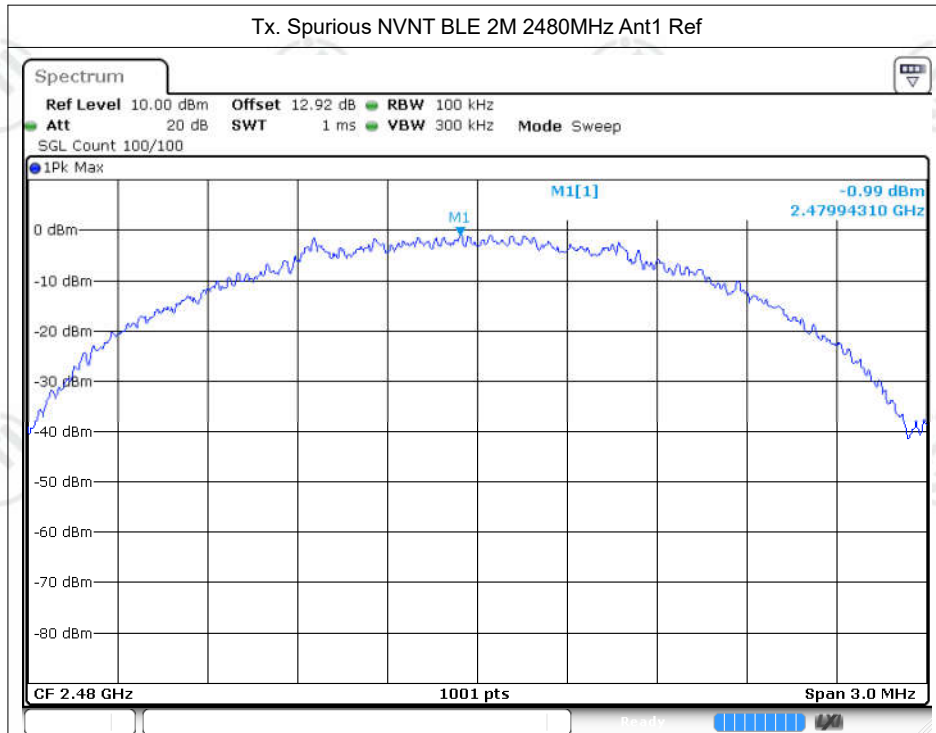
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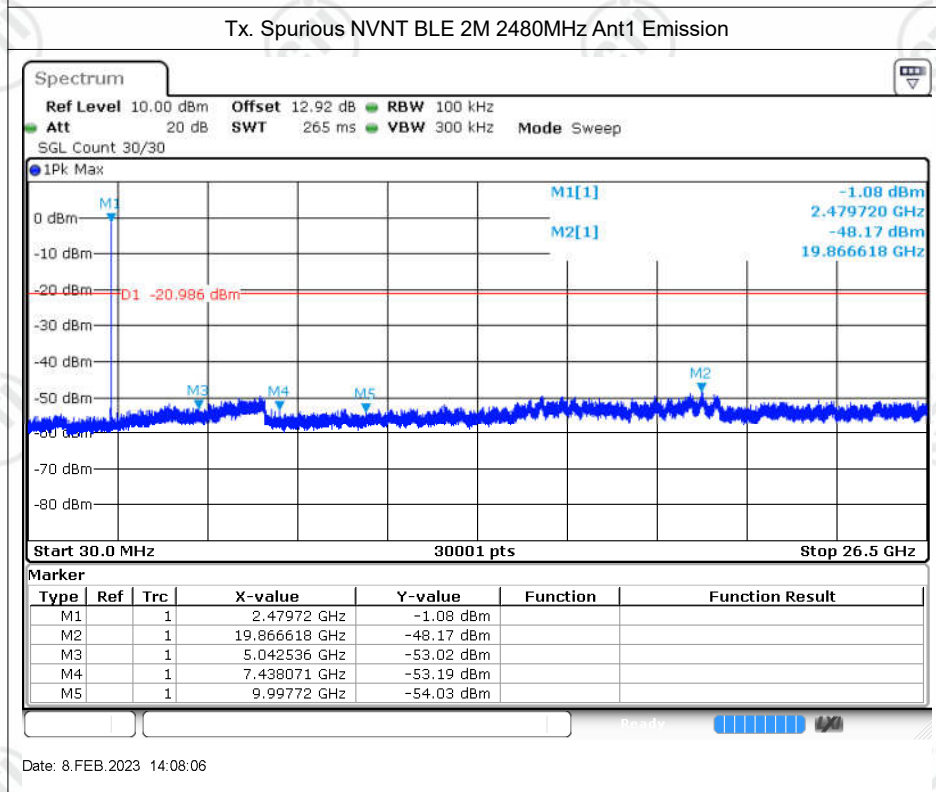
Date: 8.FEB.2023 14:05:30



Date: 8.FEB.2023 14:05:59



Date: 8.FEB.2023 14:07:37



Date: 8.FEB.2023 14:08:06

*** End of Report ***