

Appendix: Bluetooth LE

Contents

Contents 2

Duty Cycle 3

Maximum Peak Conducted Output Power 7

-6dB Bandwidth 11

Occupied Channel Bandwidth 15

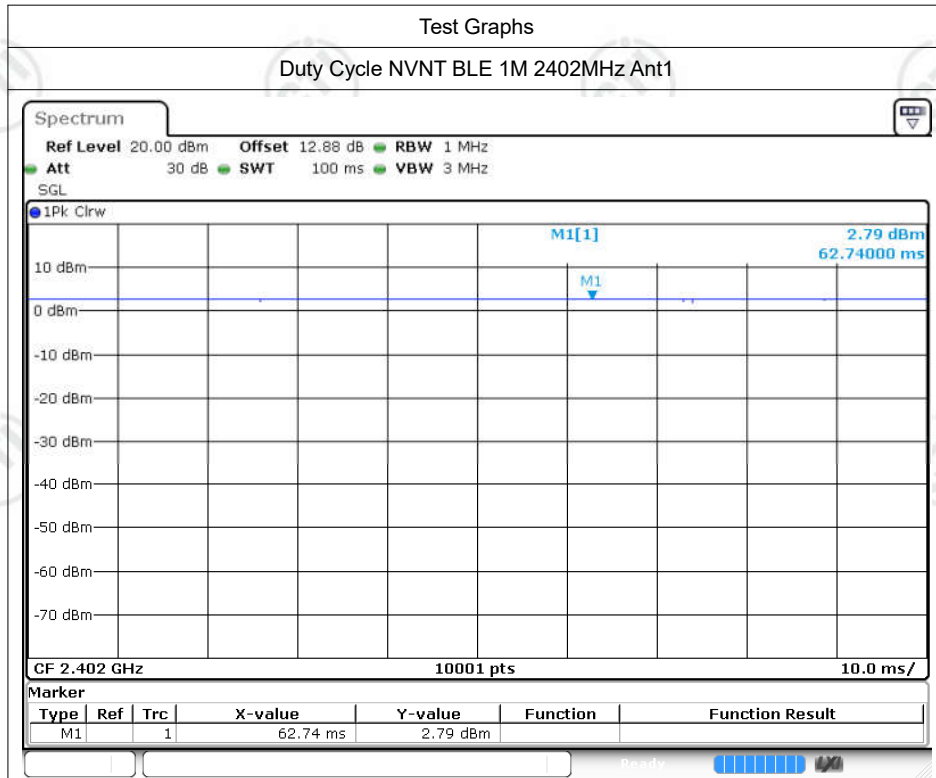
Maximum Power Spectral Density Level 19

Band Edge 23

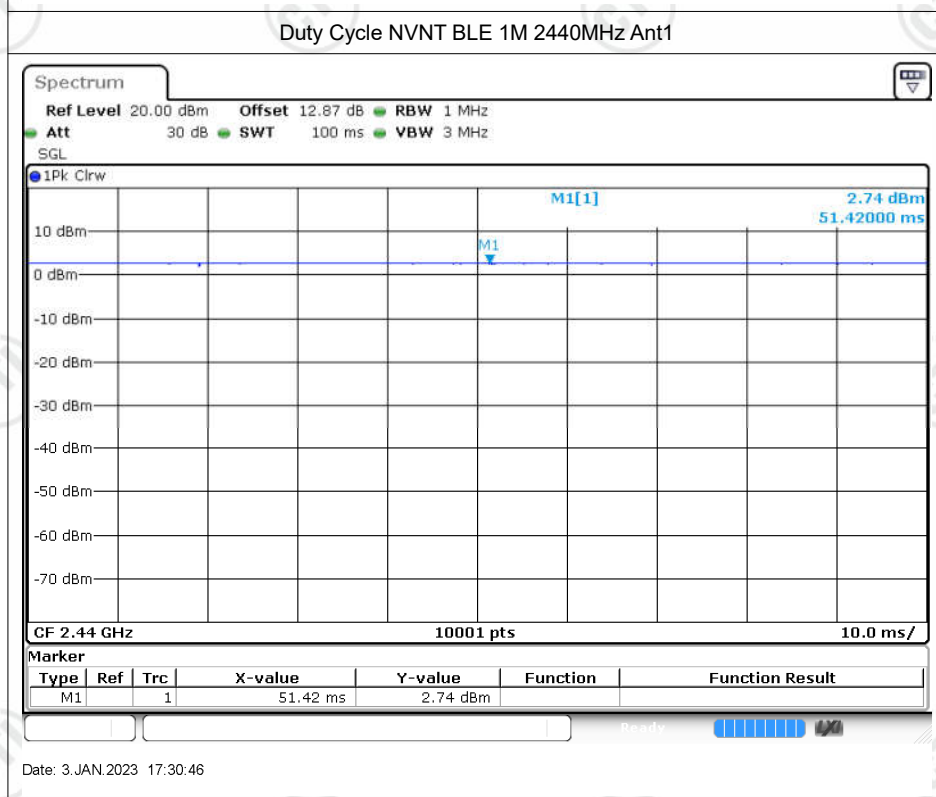
Conducted RF Spurious Emission 28

Duty Cycle

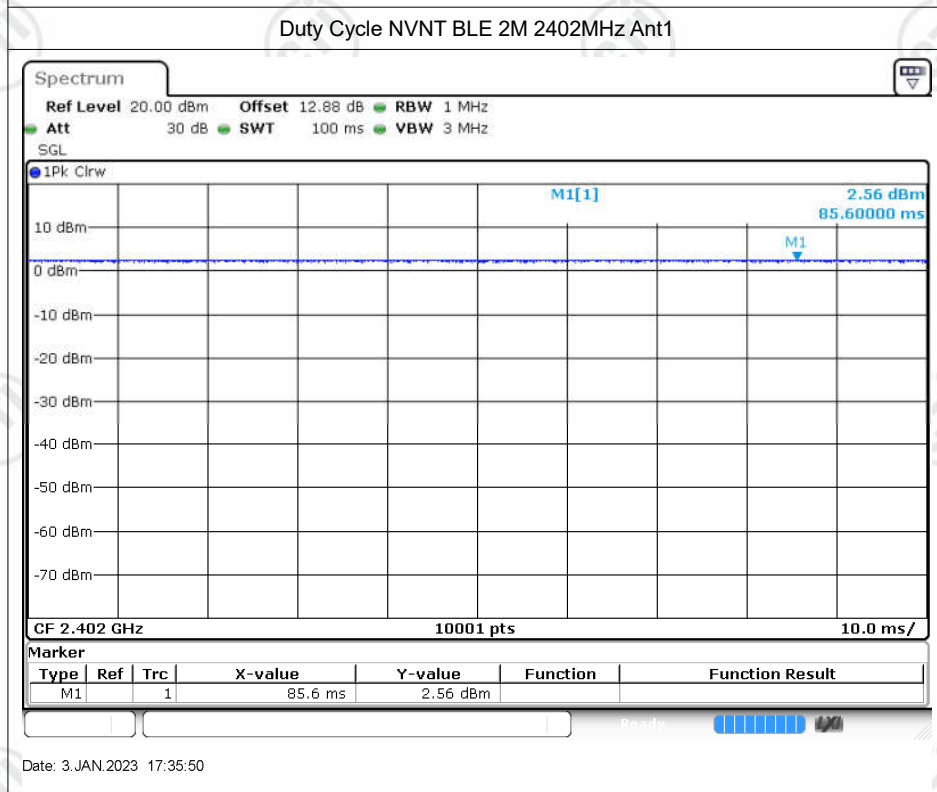
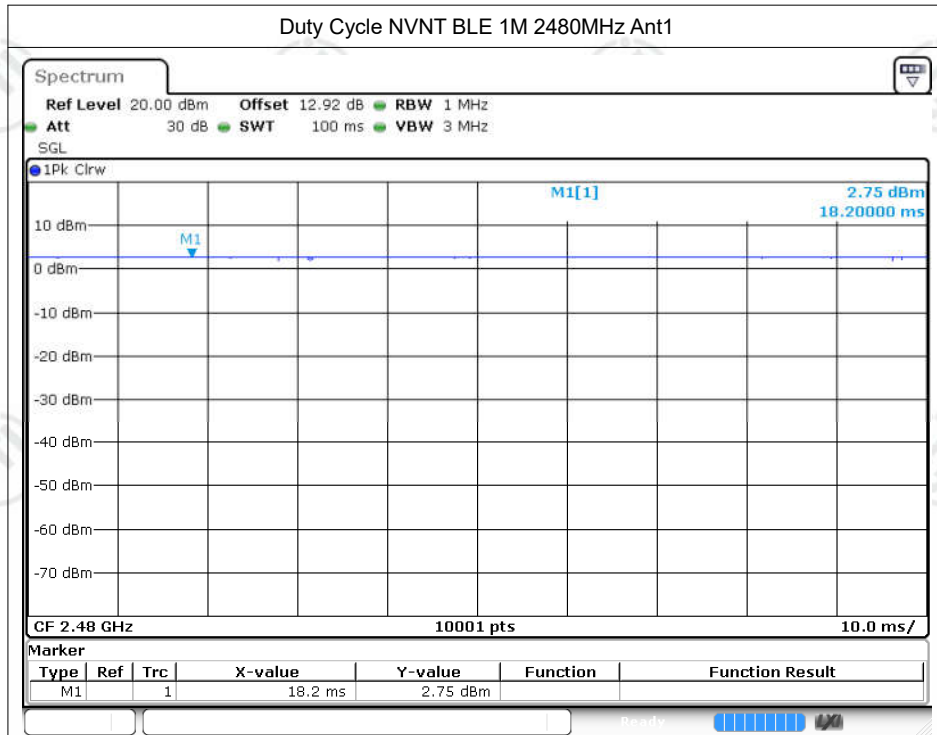
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0

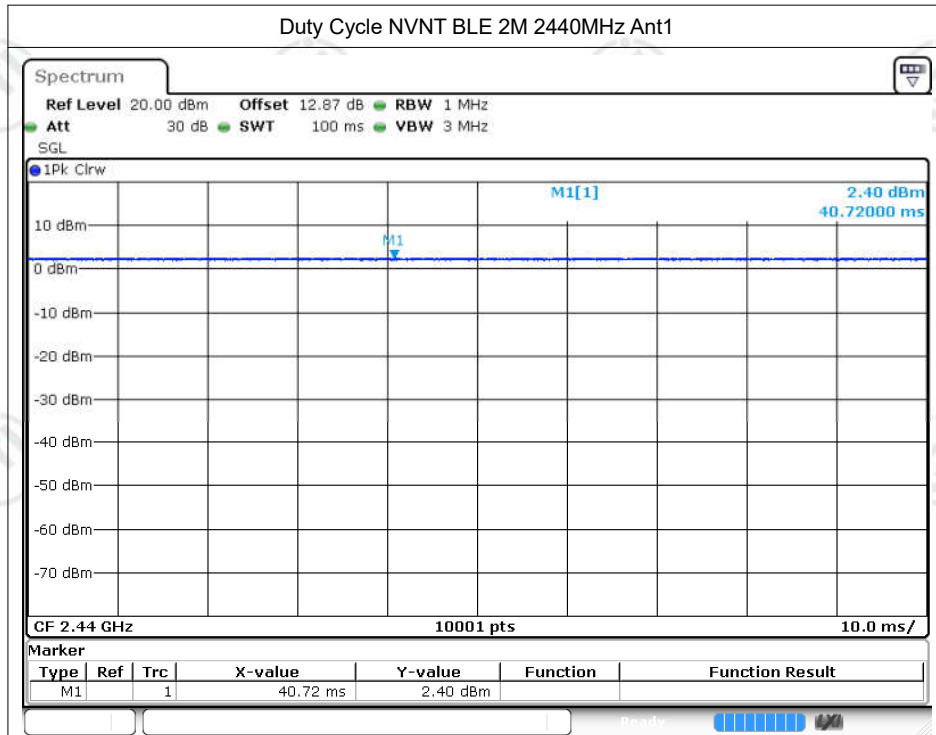


Date: 3 JAN 2023 17:27:00

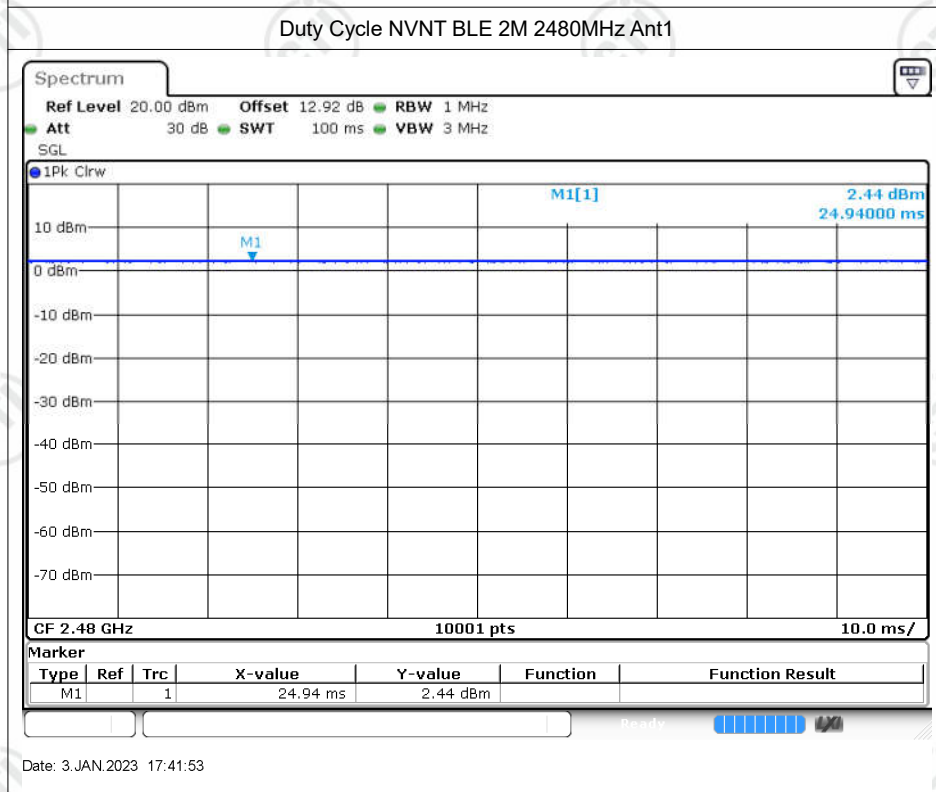


Date: 3 JAN 2023 17:30:46





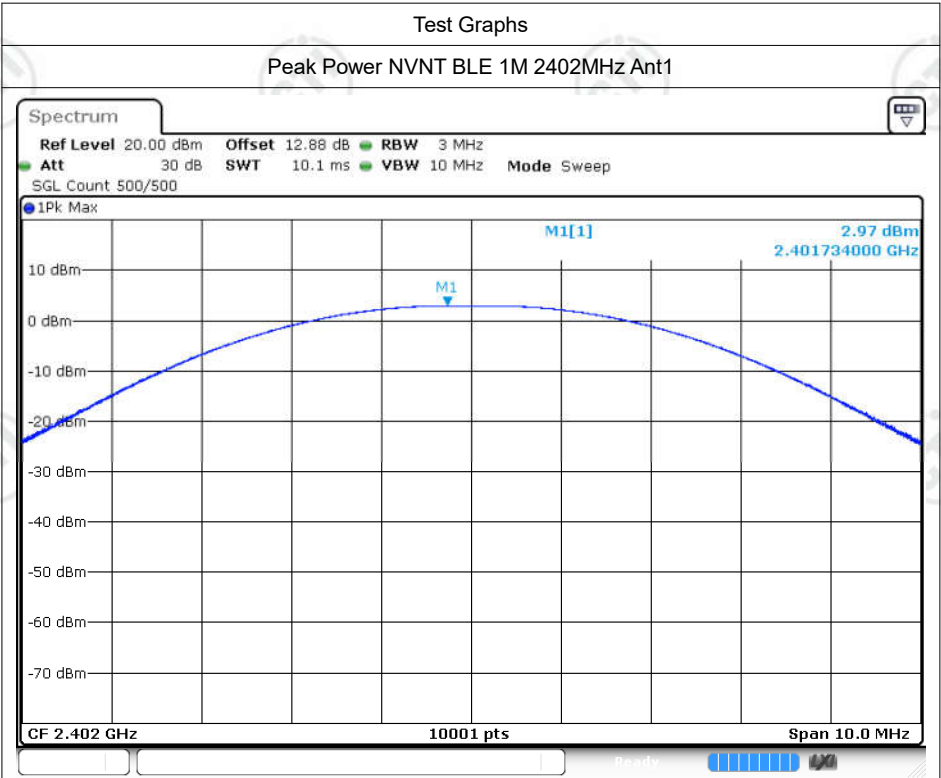
Date: 3.JAN.2023 17:38:56



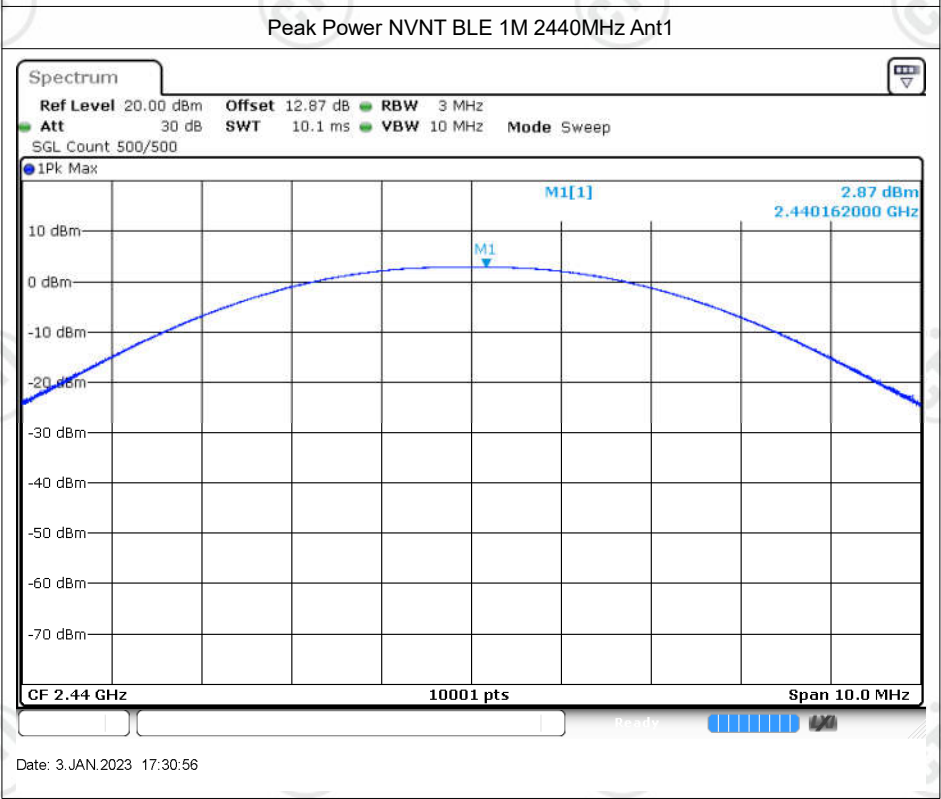
Date: 3.JAN.2023 17:41:53

Maximum Peak Conducted Output Power

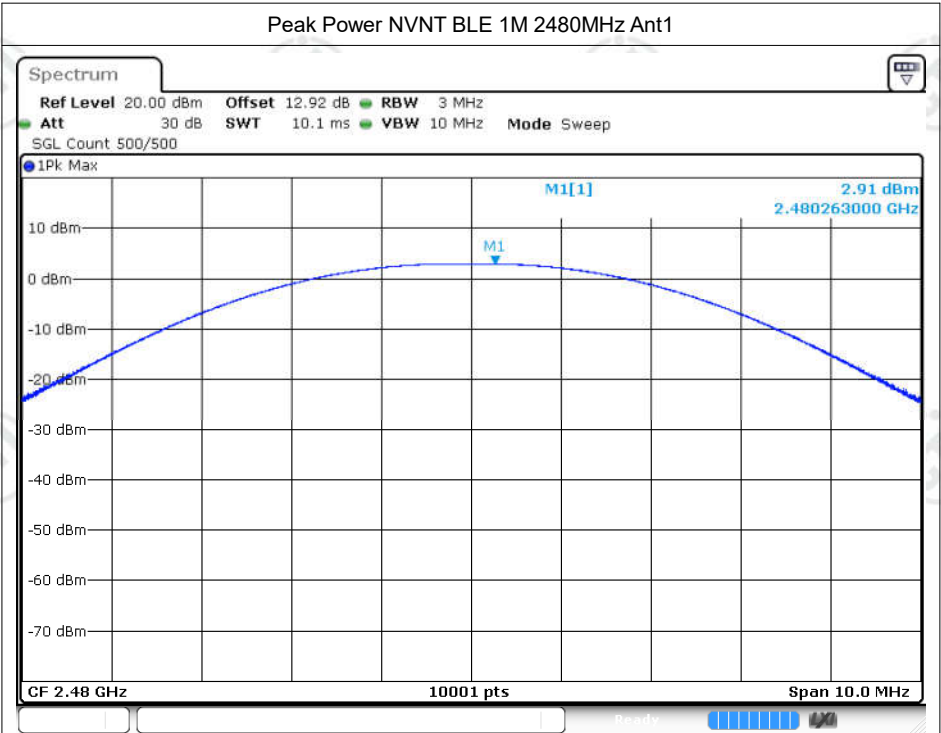
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.97	30	Pass
NVNT	BLE 1M	2440	Ant1	2.87	30	Pass
NVNT	BLE 1M	2480	Ant1	2.91	30	Pass
NVNT	BLE 2M	2402	Ant1	2.96	30	Pass
NVNT	BLE 2M	2440	Ant1	2.82	30	Pass
NVNT	BLE 2M	2480	Ant1	2.81	30	Pass



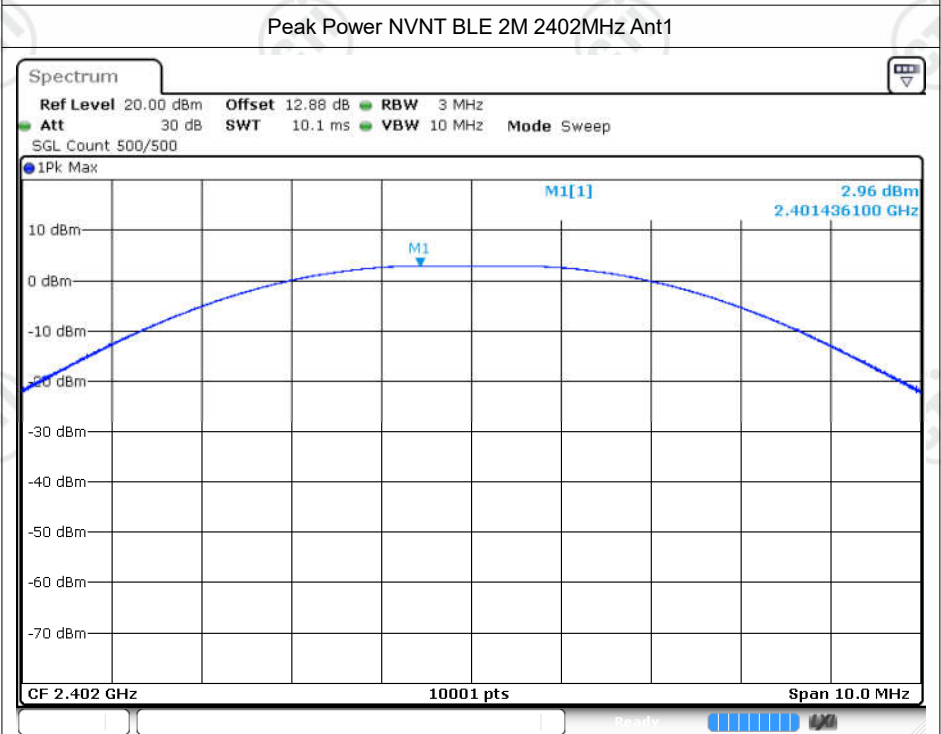
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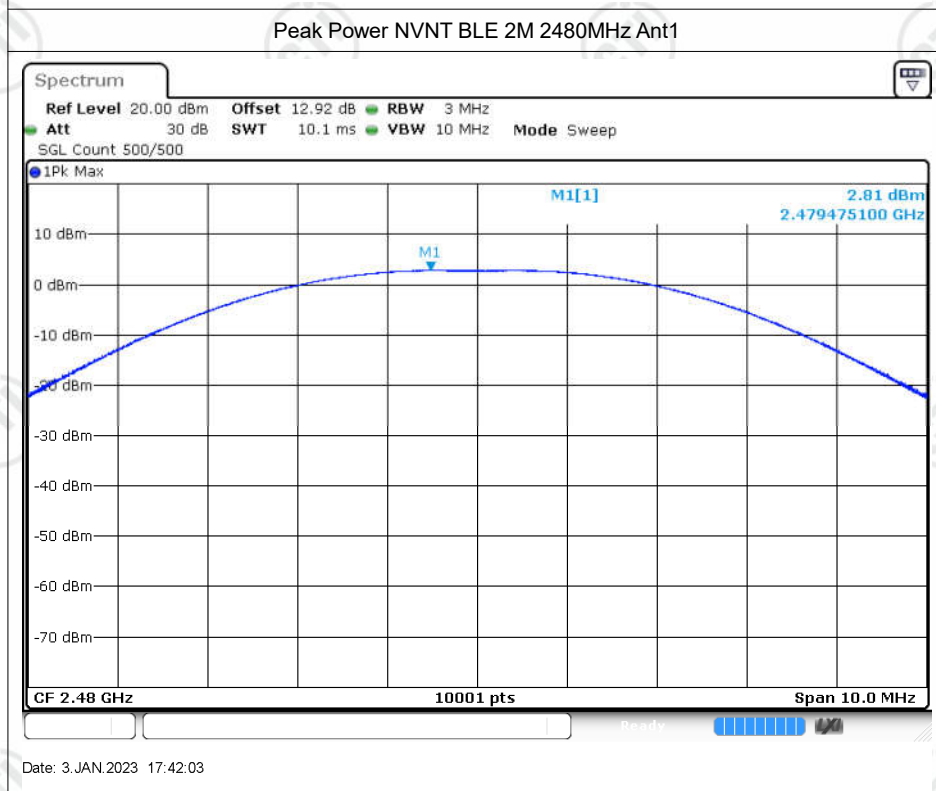
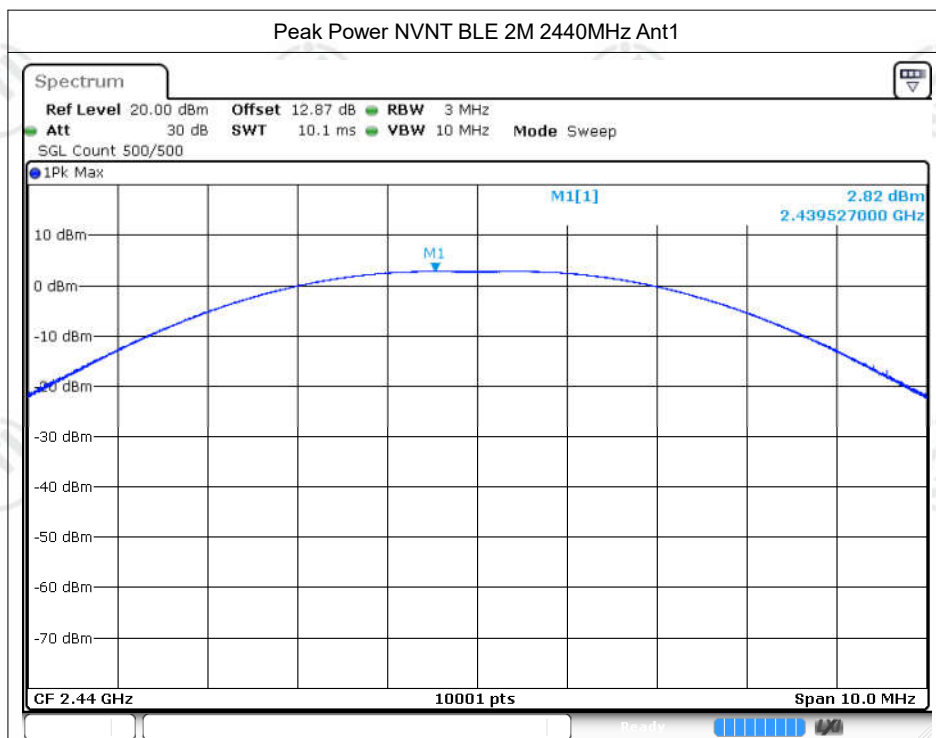
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Date: 3.JAN.2023 17:33:28

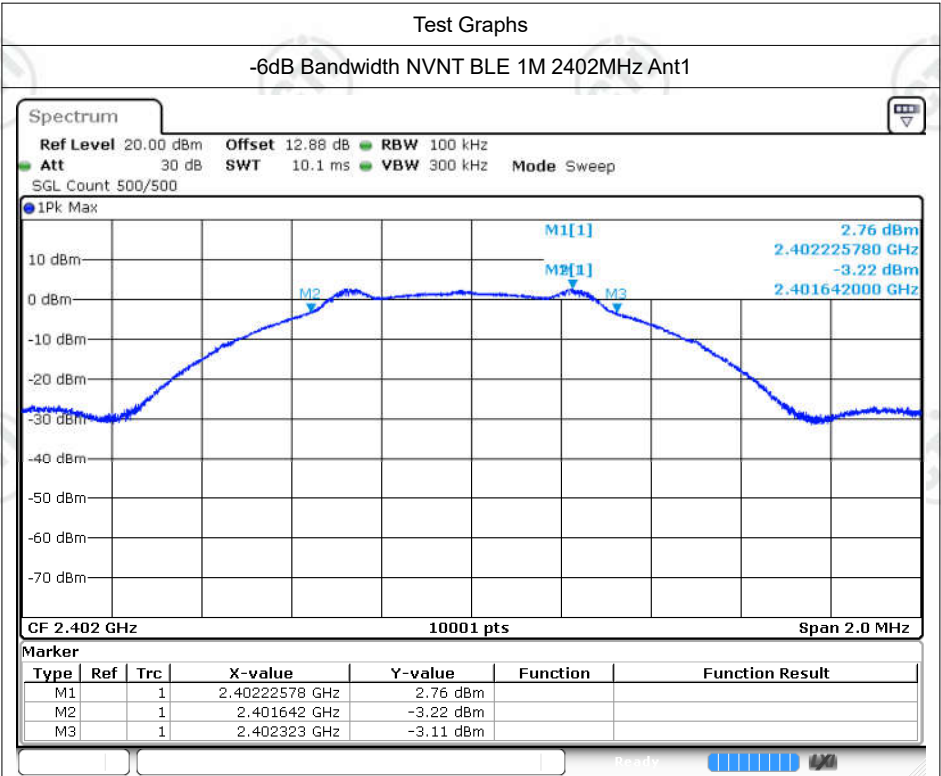


Date: 3.JAN.2023 17:36:00

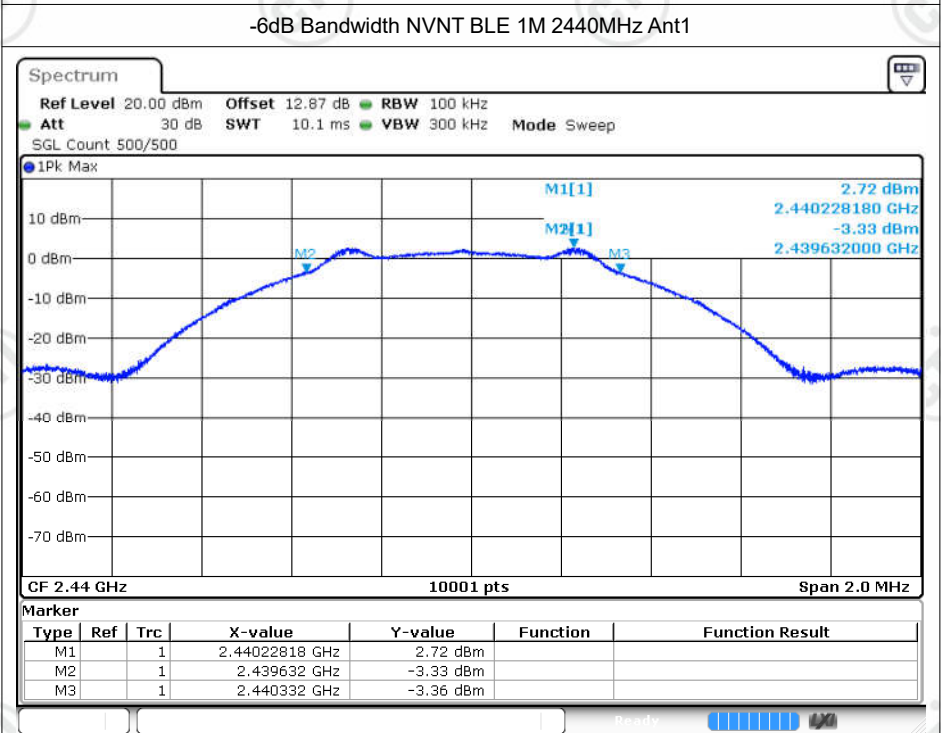


-6dB Bandwidth

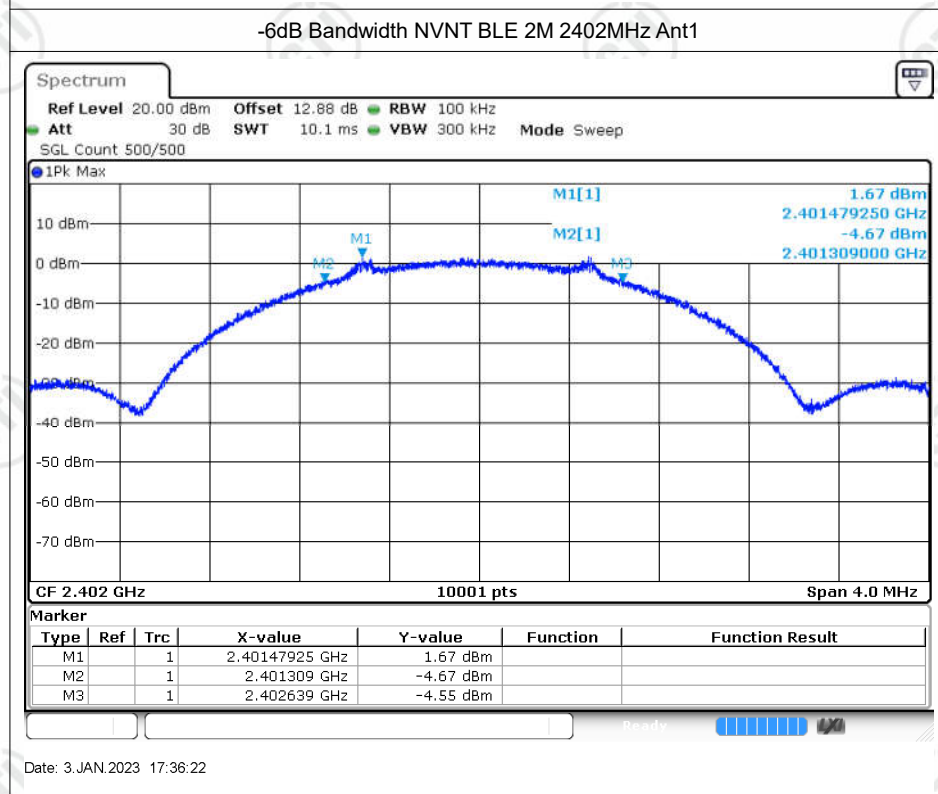
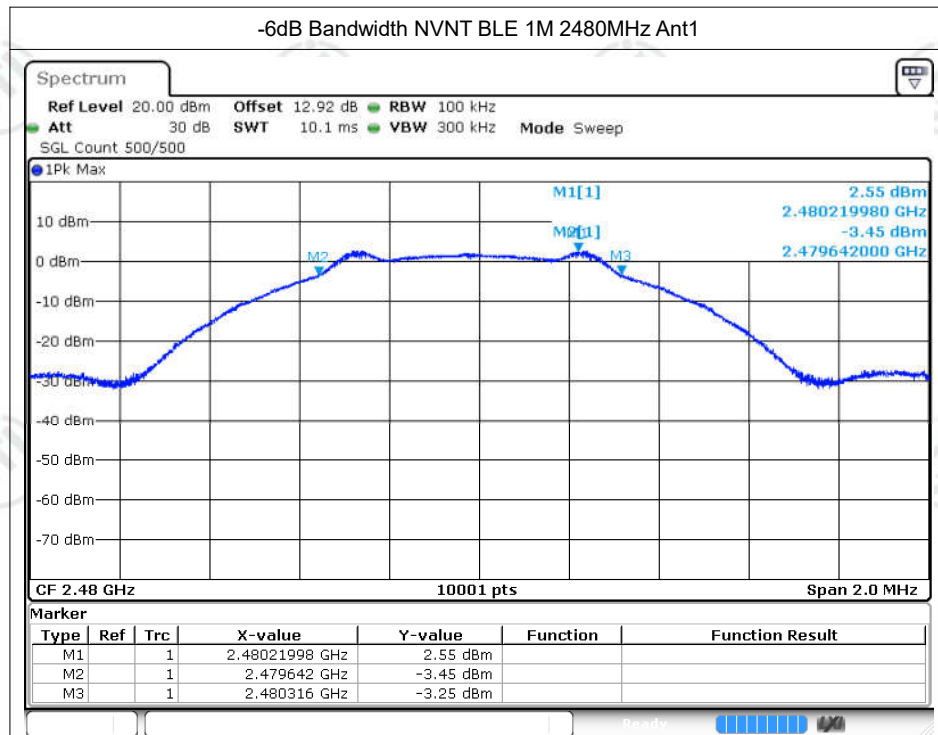
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.681	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.7	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.674	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.33	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.358	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.268	0.5	Pass

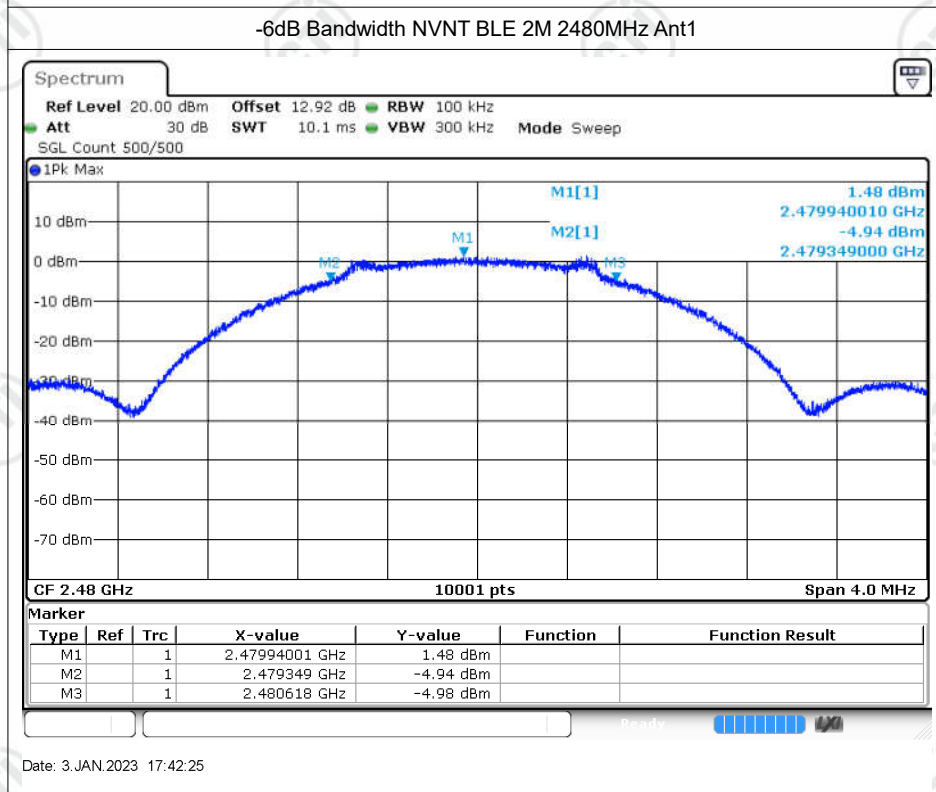
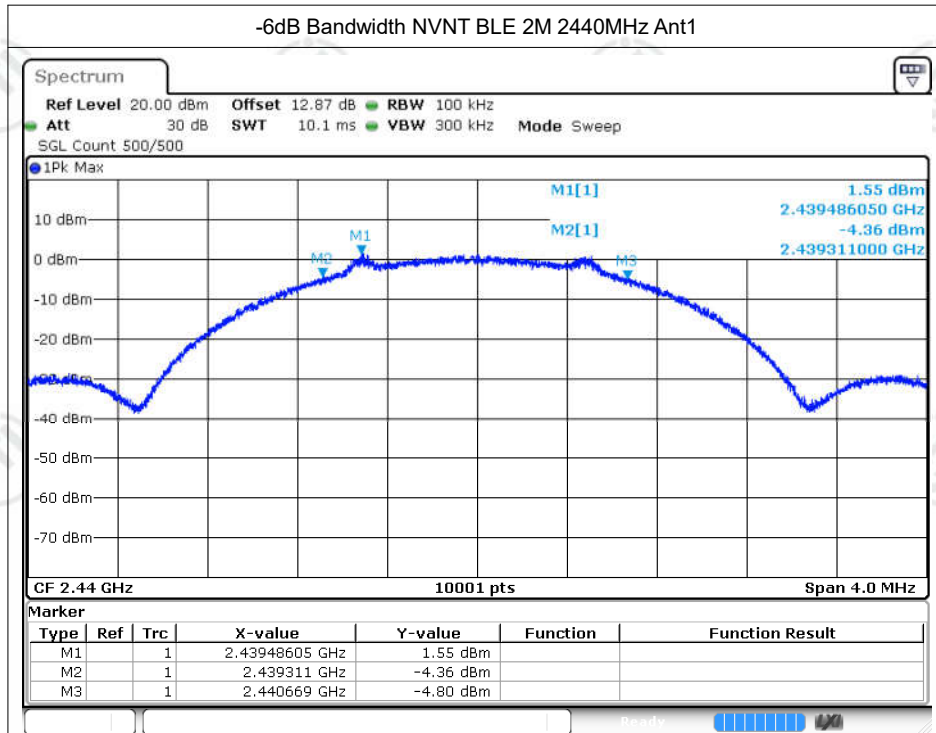


Date: 3.JAN.2023 17:28:00



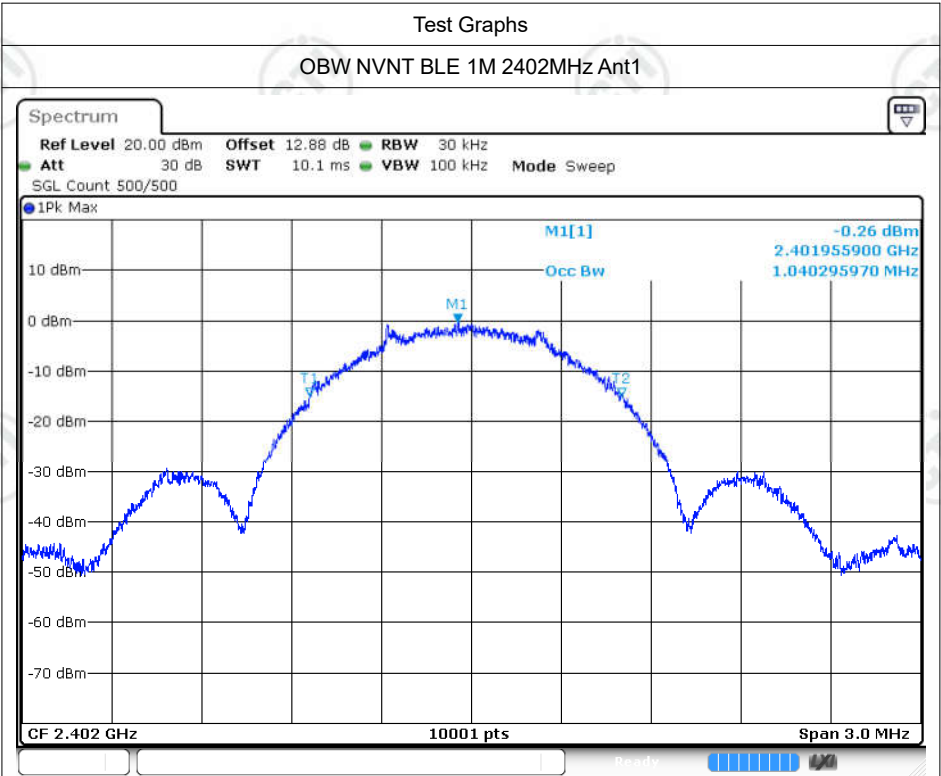
Date: 3.JAN.2023 17:31:18



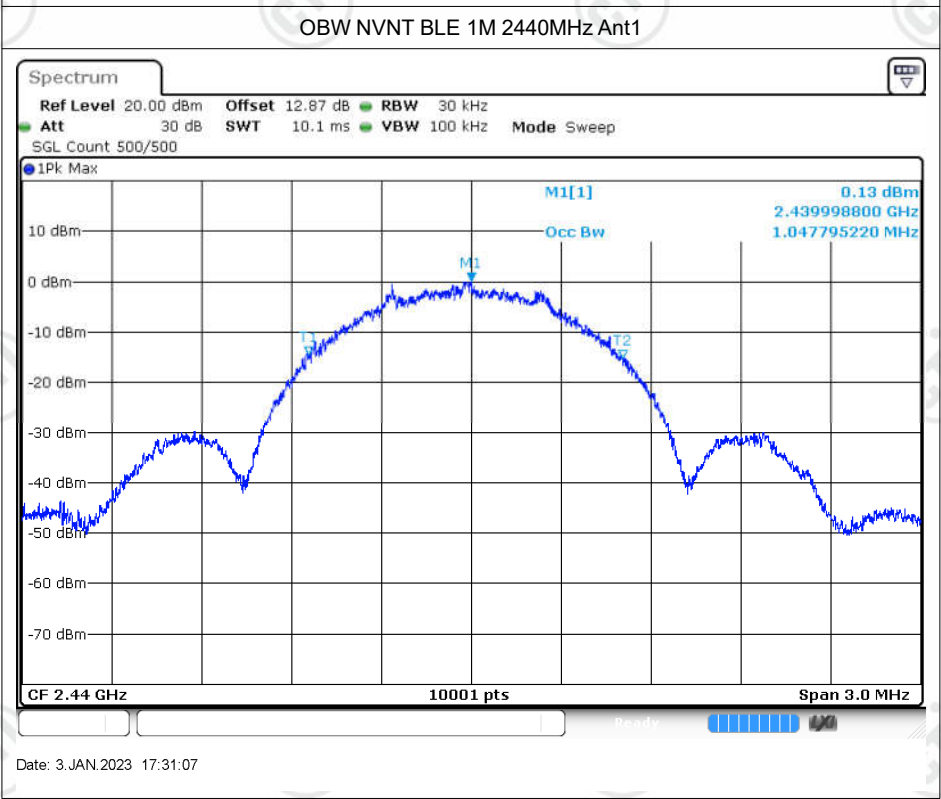


Occupied Channel Bandwidth

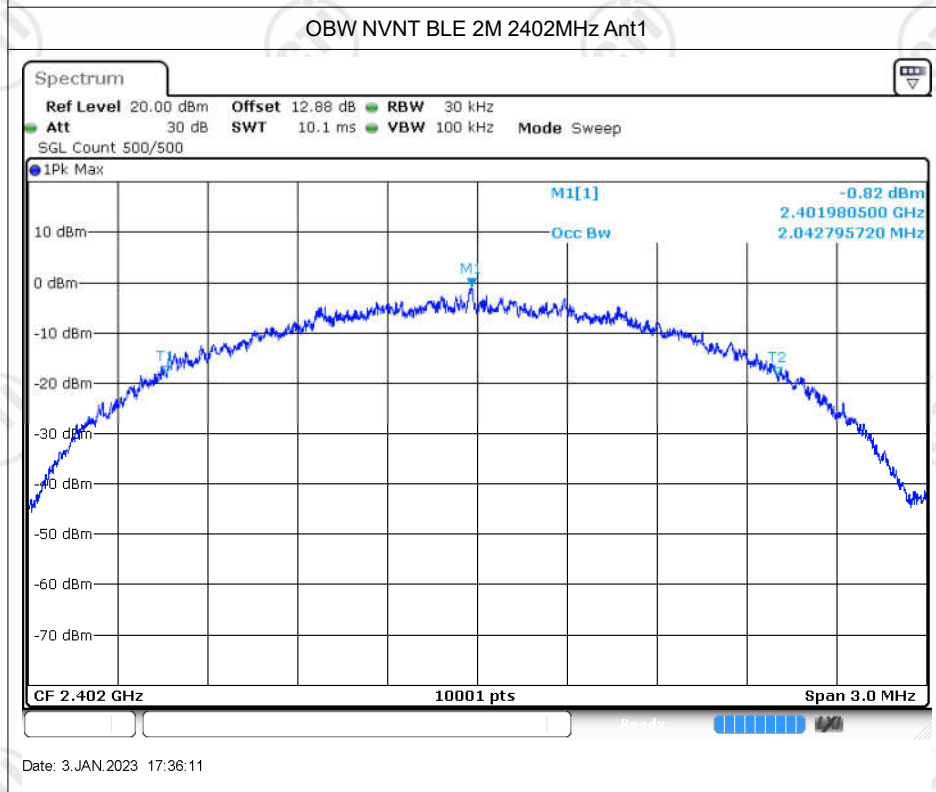
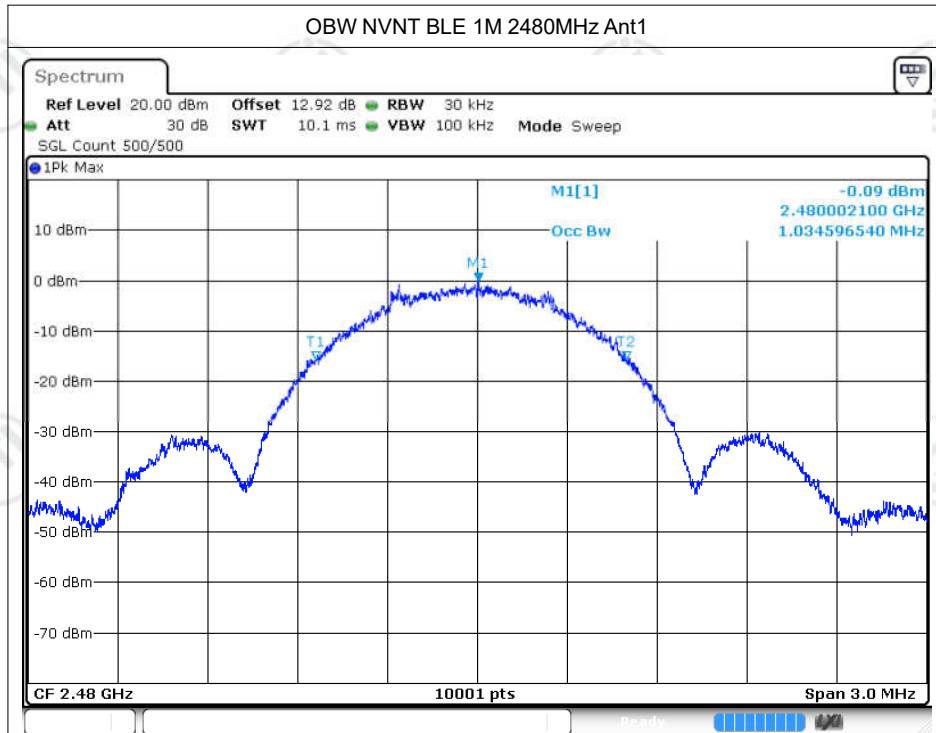
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.04
NVNT	BLE 1M	2440	Ant1	1.048
NVNT	BLE 1M	2480	Ant1	1.035
NVNT	BLE 2M	2402	Ant1	2.043
NVNT	BLE 2M	2440	Ant1	2.055
NVNT	BLE 2M	2480	Ant1	2.027

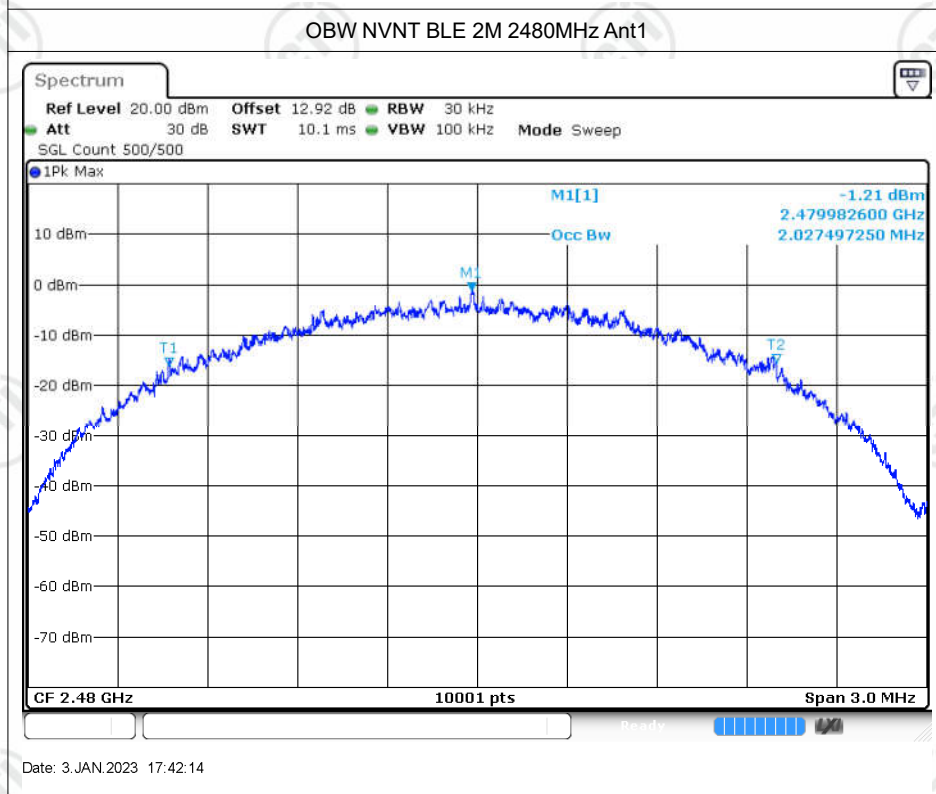
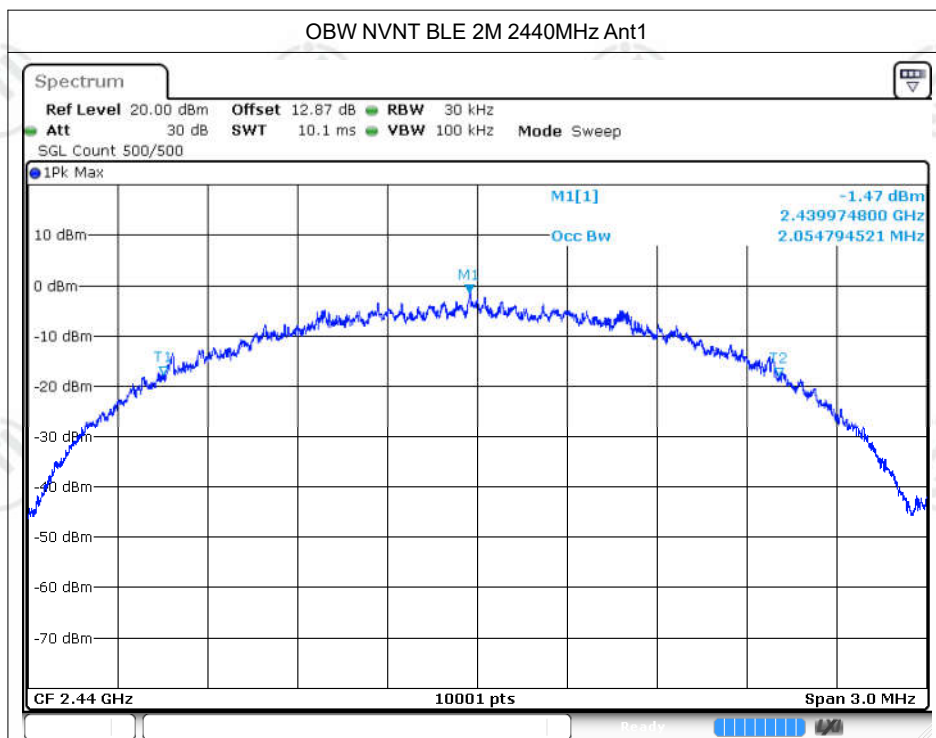


Date: 3.JAN.2023 17:27:42



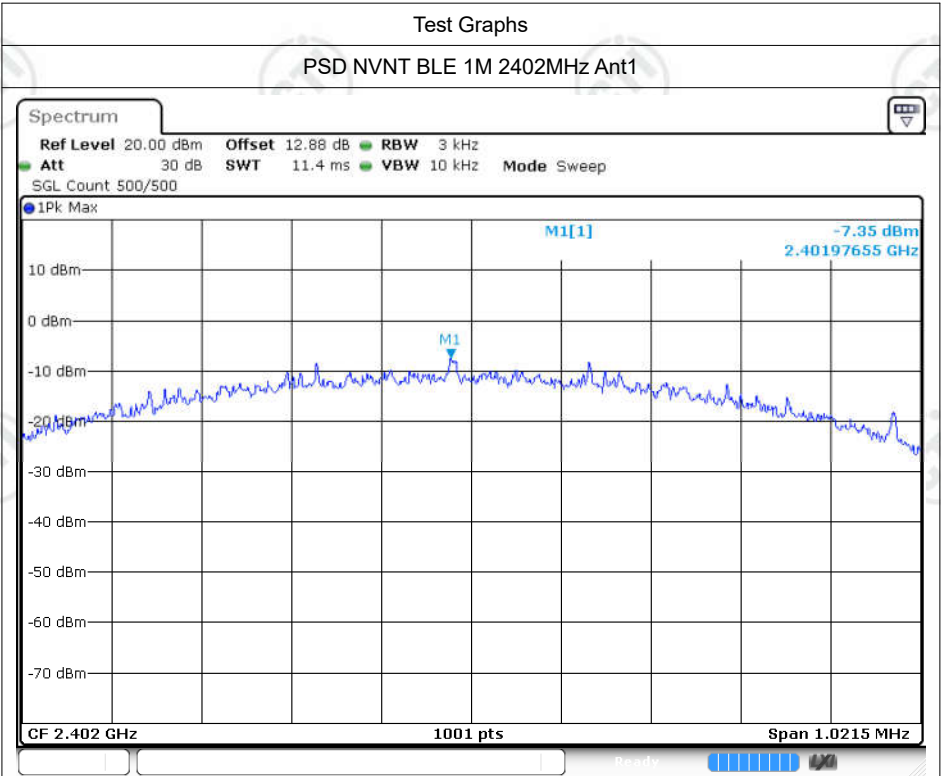
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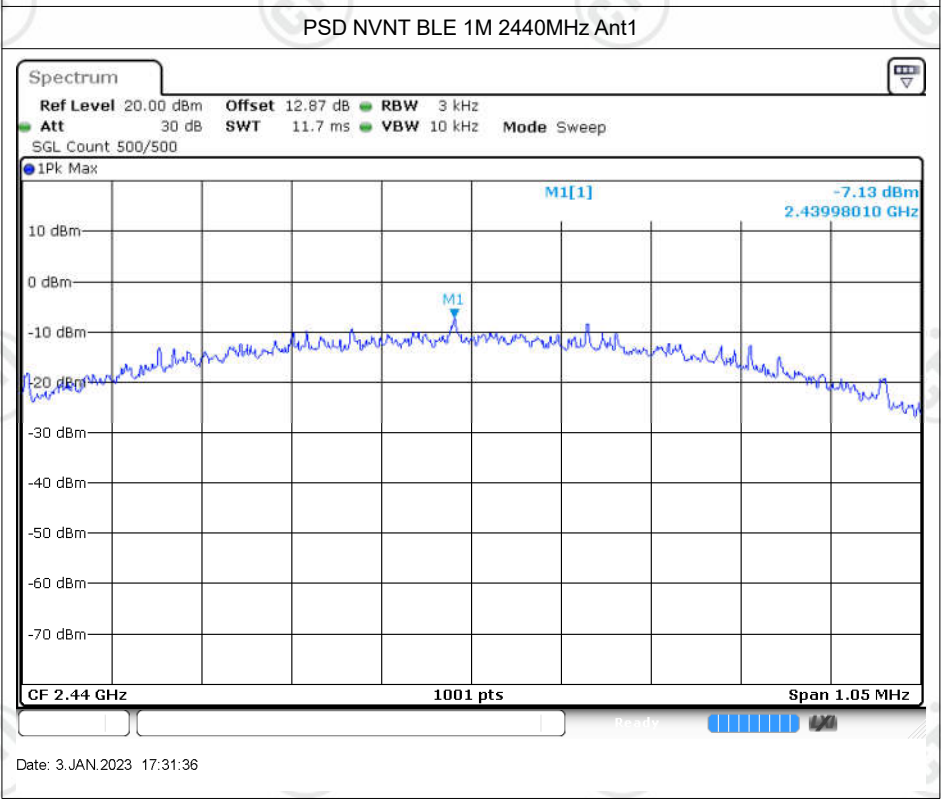


Maximum Power Spectral Density Level

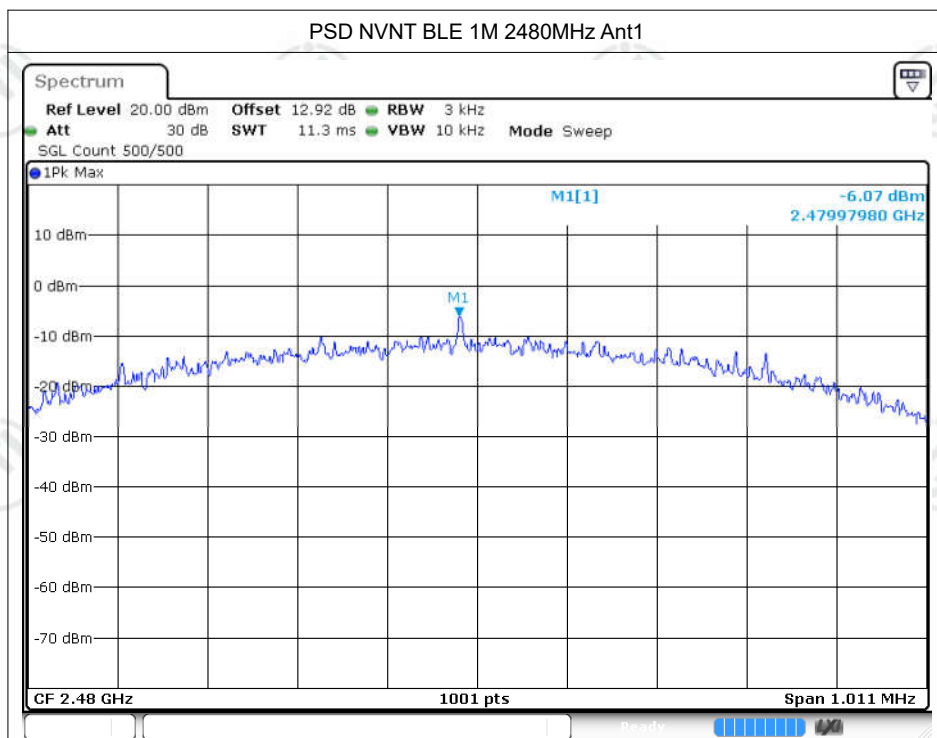
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-7.35	0	-7.35	8	Pass
NVNT	BLE 1M	2440	Ant1	-7.13	0	-7.13	8	Pass
NVNT	BLE 1M	2480	Ant1	-6.07	0	-6.07	8	Pass
NVNT	BLE 2M	2402	Ant1	-9.64	0	-9.64	8	Pass
NVNT	BLE 2M	2440	Ant1	-9.72	0	-9.72	8	Pass
NVNT	BLE 2M	2480	Ant1	-9.81	0	-9.81	8	Pass



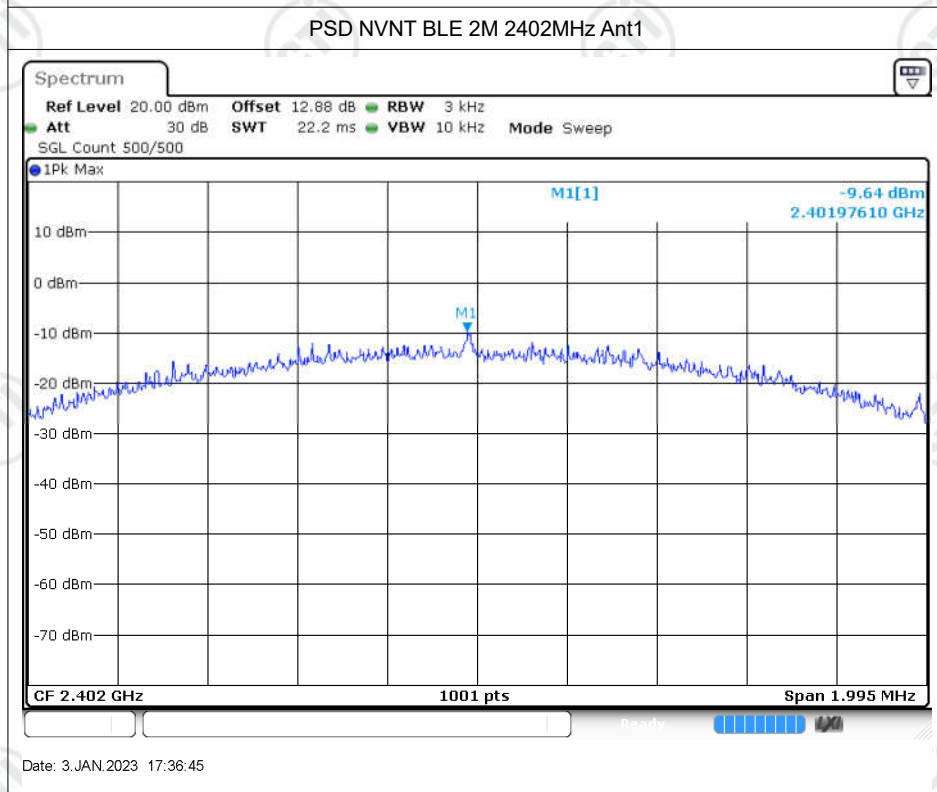
Date: 3.JAN.2023 17:28:18



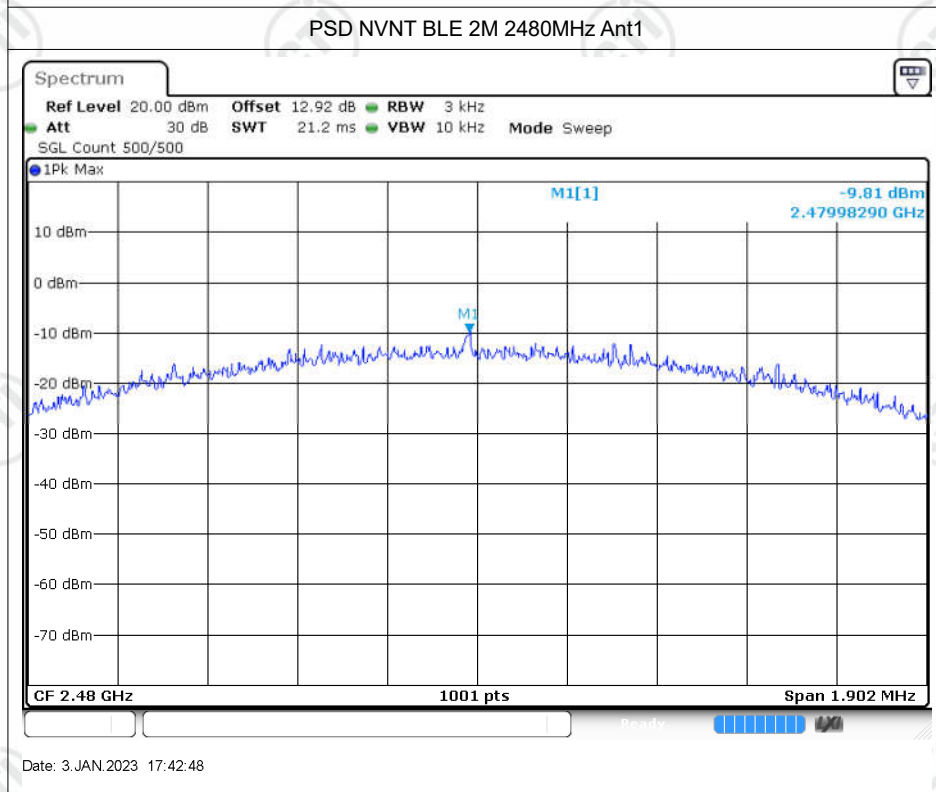
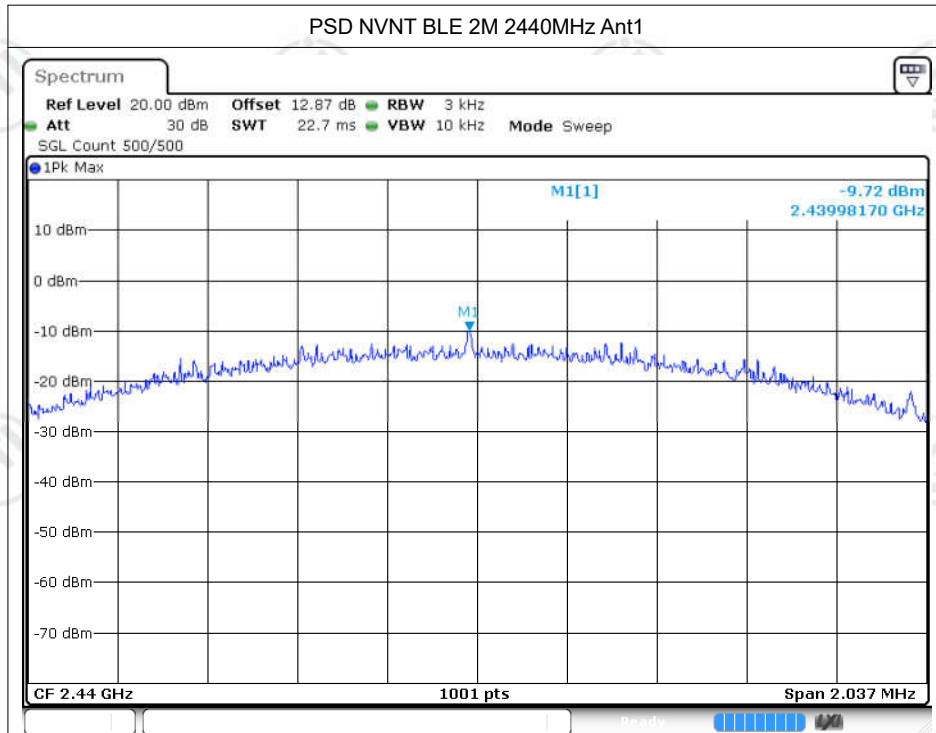
Date: 3.JAN.2023 17:31:36



Date: 3.JAN.2023 17:34:08

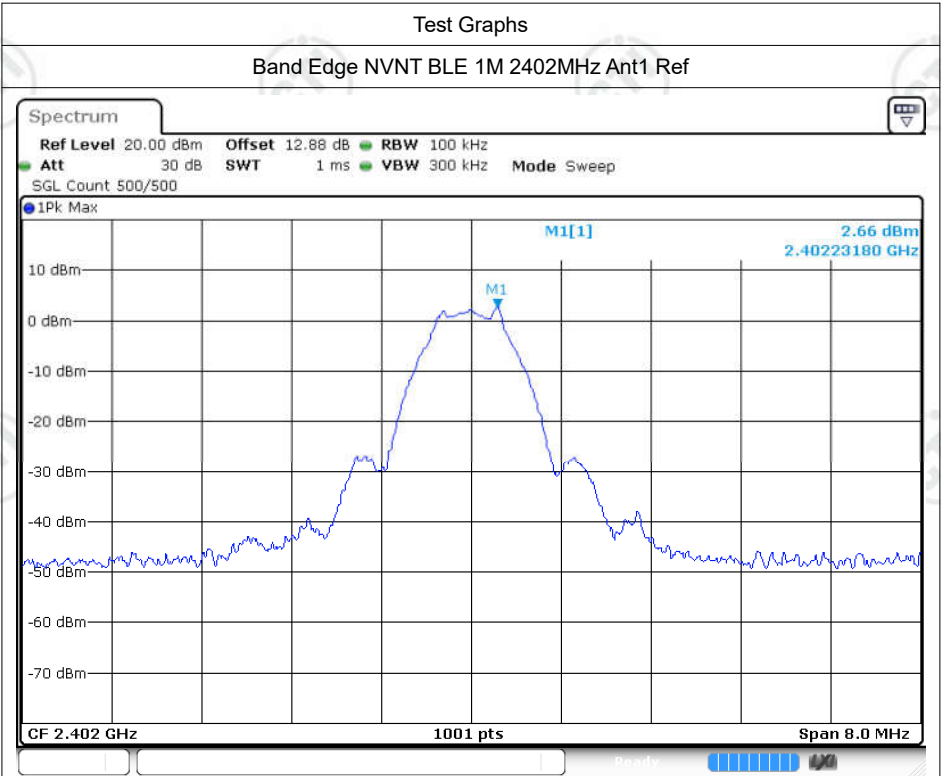


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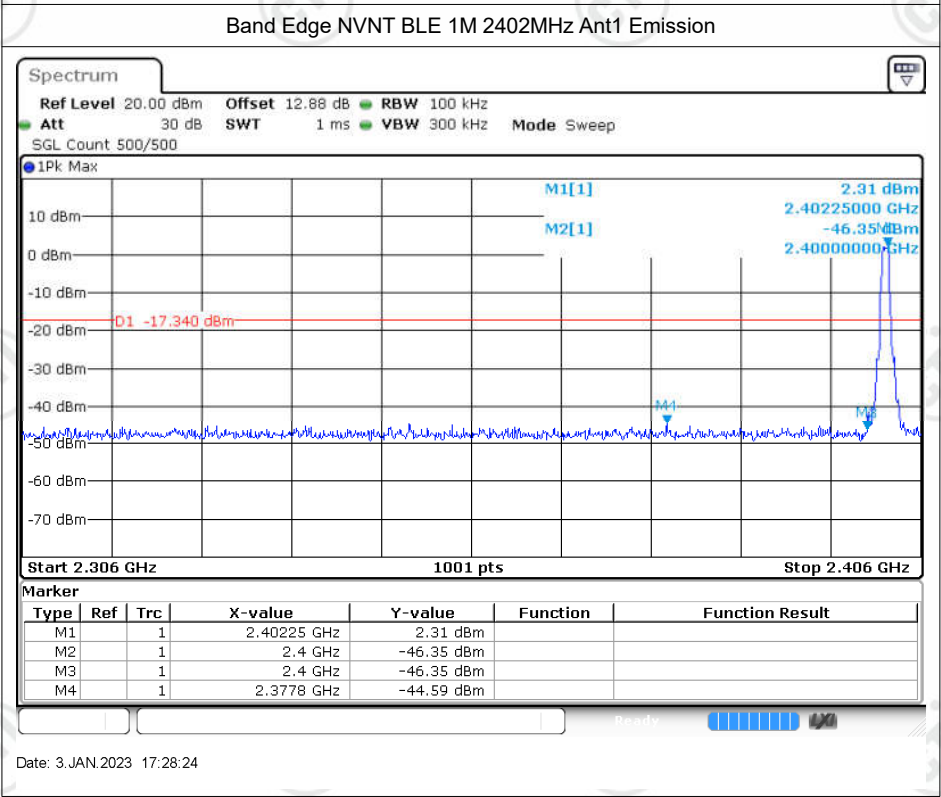


Band Edge

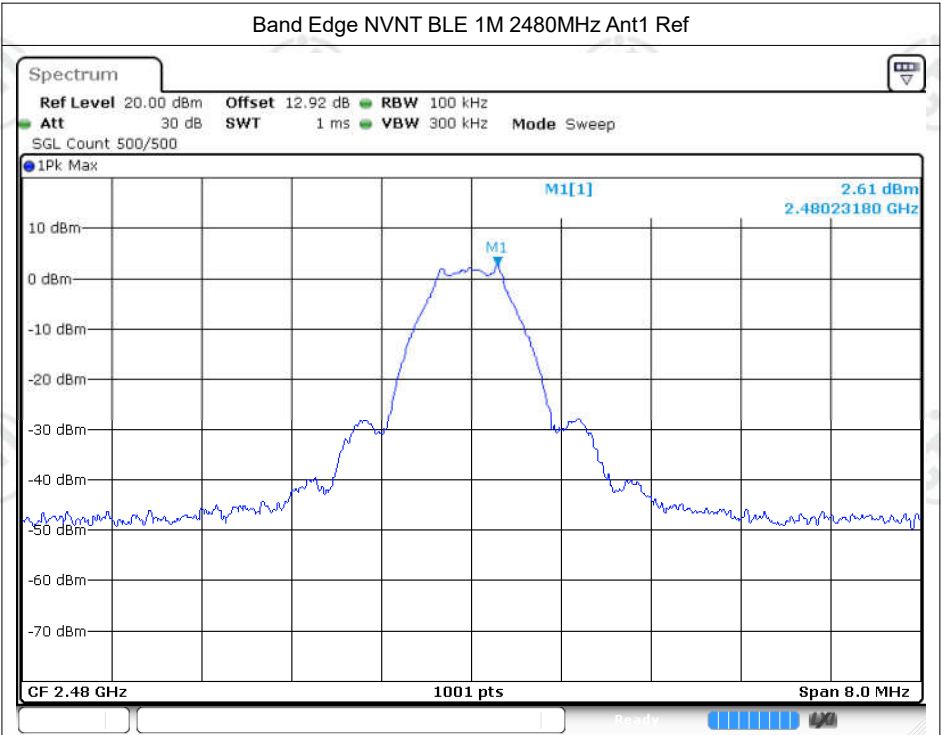
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.25	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.07	-20	Pass
NVNT	BLE 2M	2402	Ant1	-33.89	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.08	-20	Pass



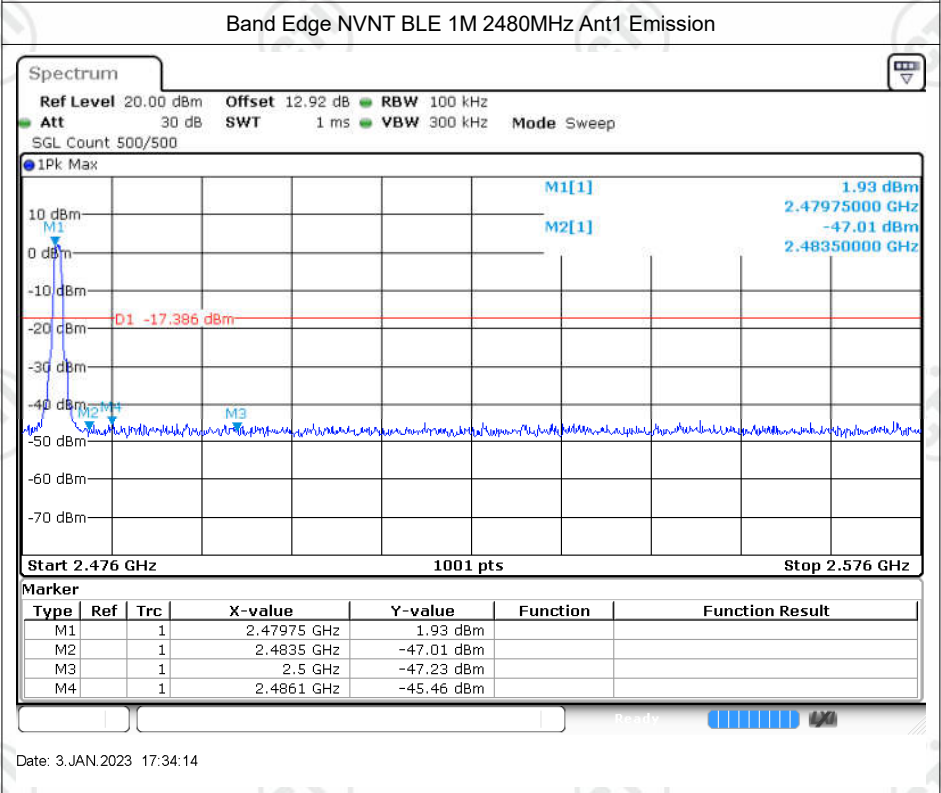
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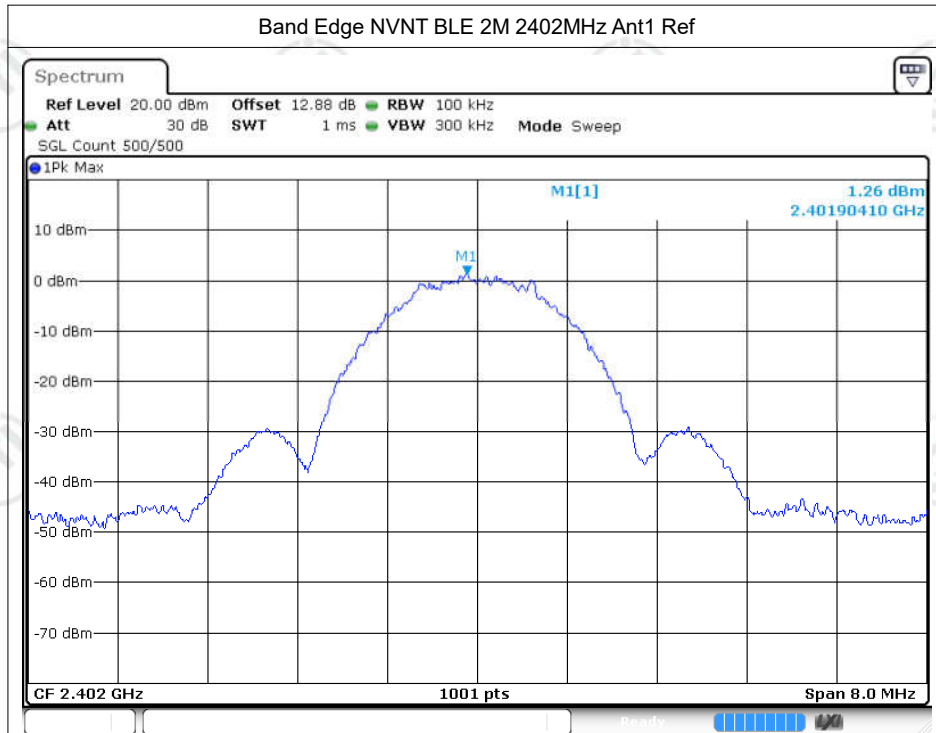
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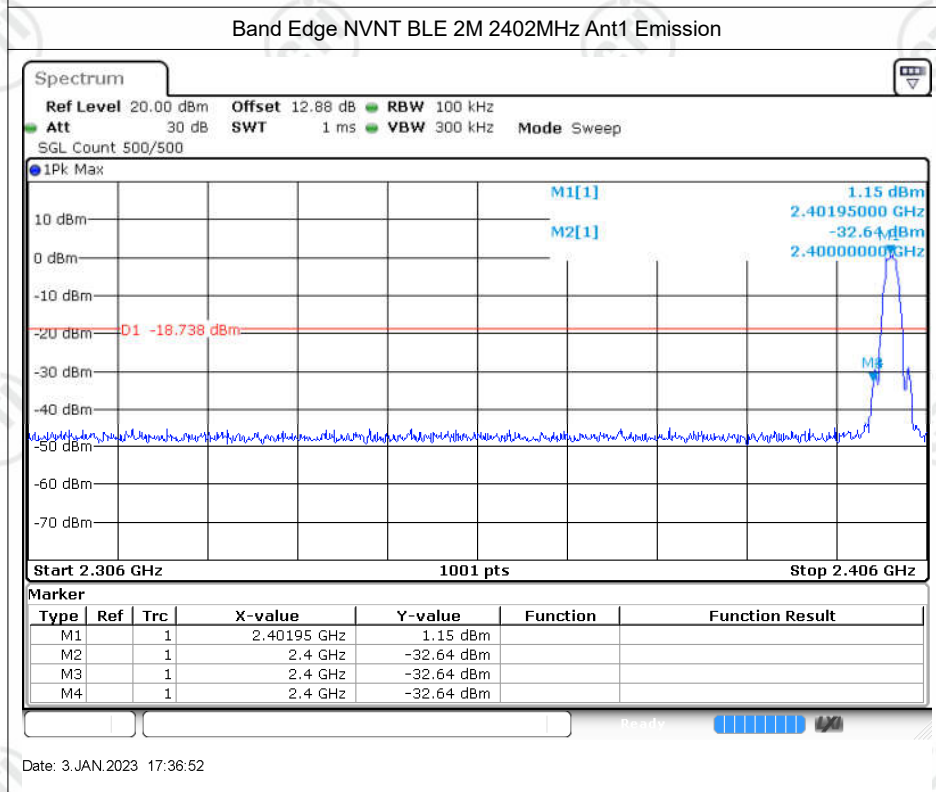
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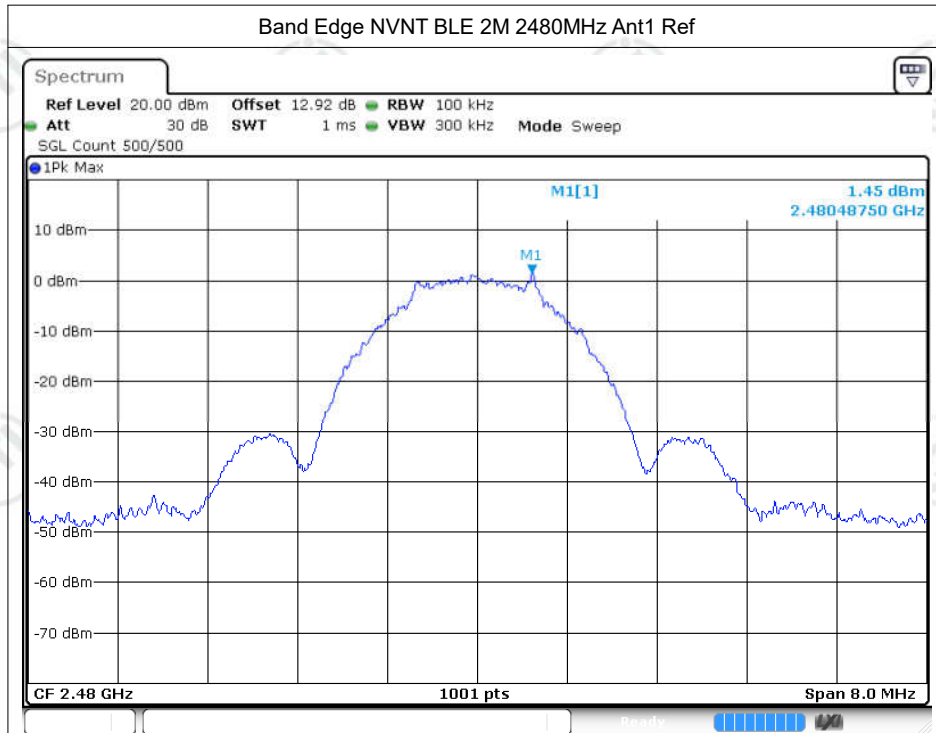
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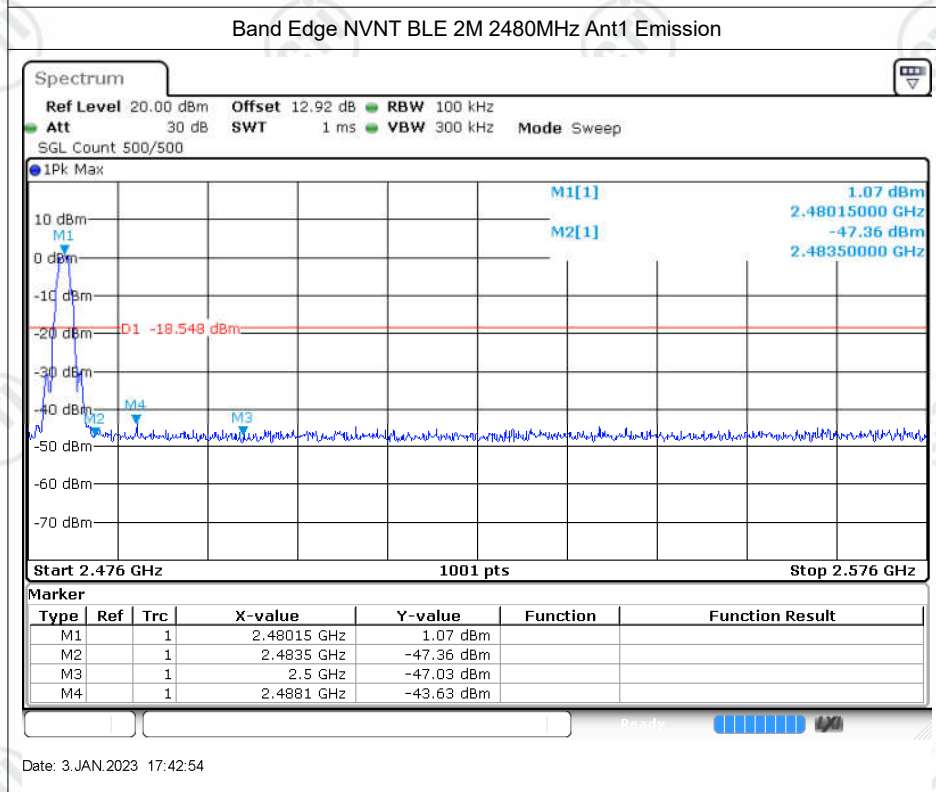
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Date: 3.JAN.2023 17:36:52



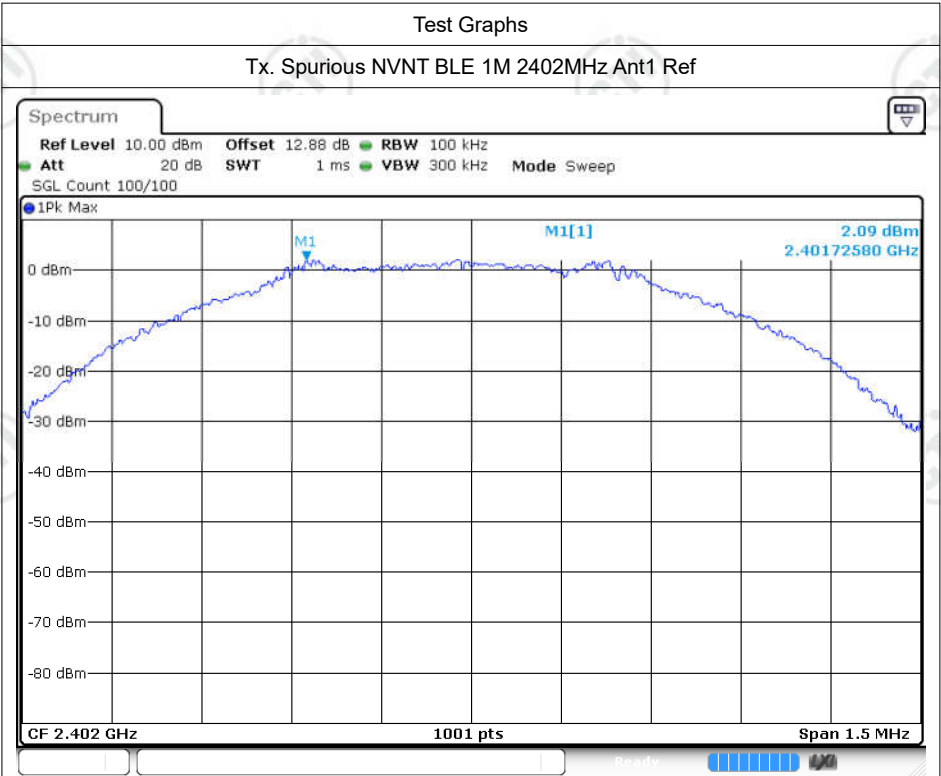
Date: 3.JAN.2023 17:42:52



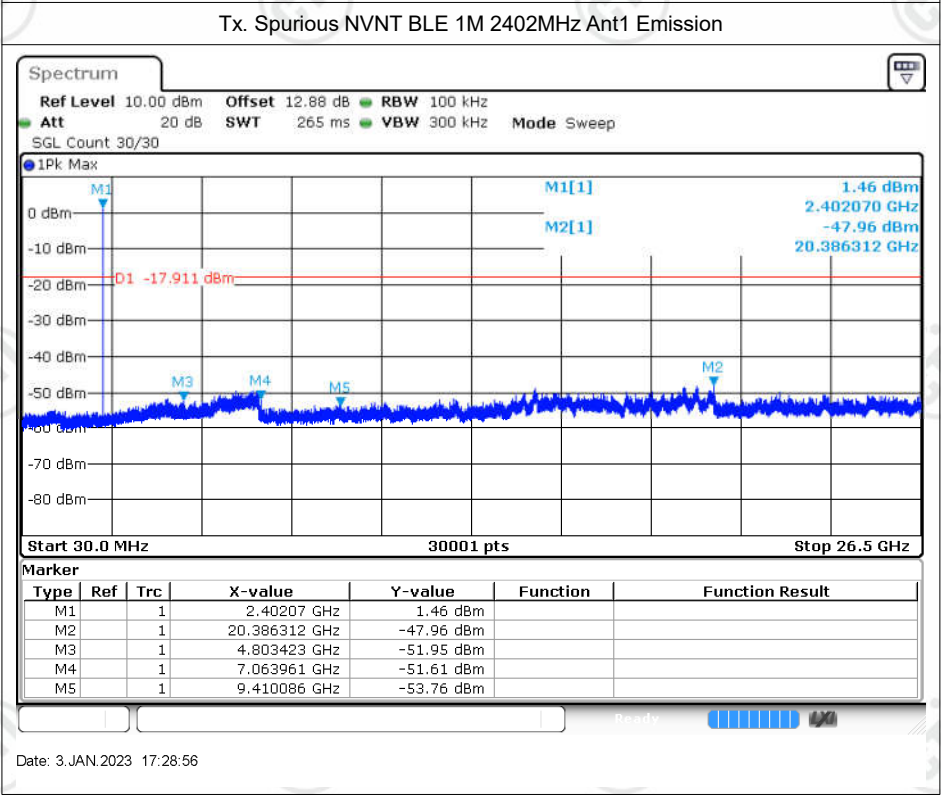
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Conducted RF Spurious Emission

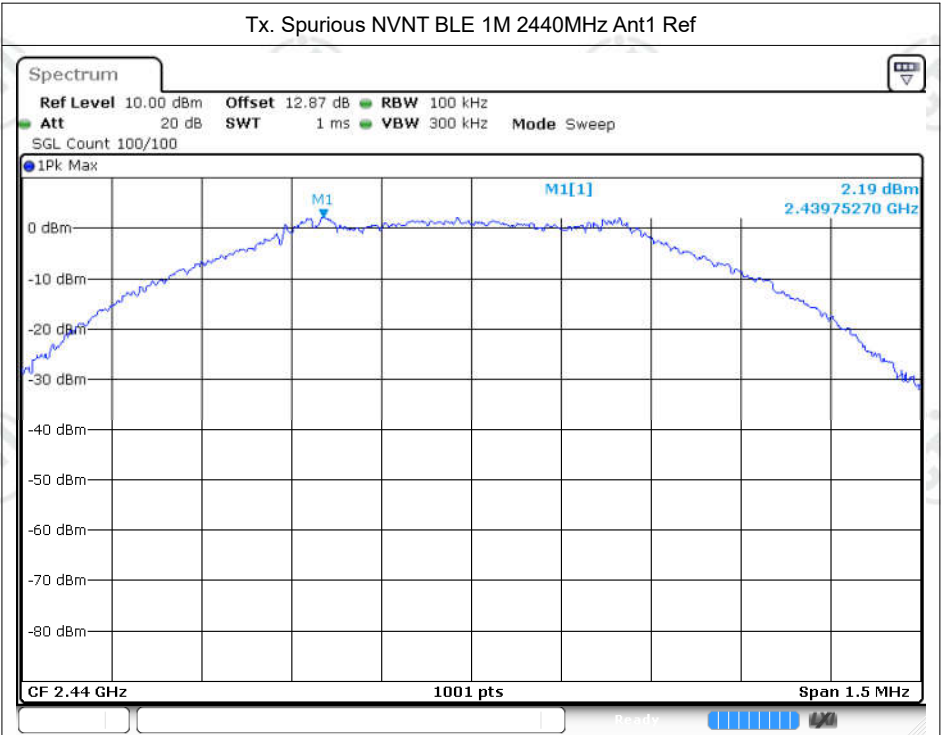
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-50.04	-20	Pass
NVNT	BLE 1M	2440	Ant1	-50.49	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.81	-20	Pass
NVNT	BLE 2M	2402	Ant1	-49.81	-20	Pass
NVNT	BLE 2M	2440	Ant1	-47.84	-20	Pass
NVNT	BLE 2M	2480	Ant1	-49.12	-20	Pass



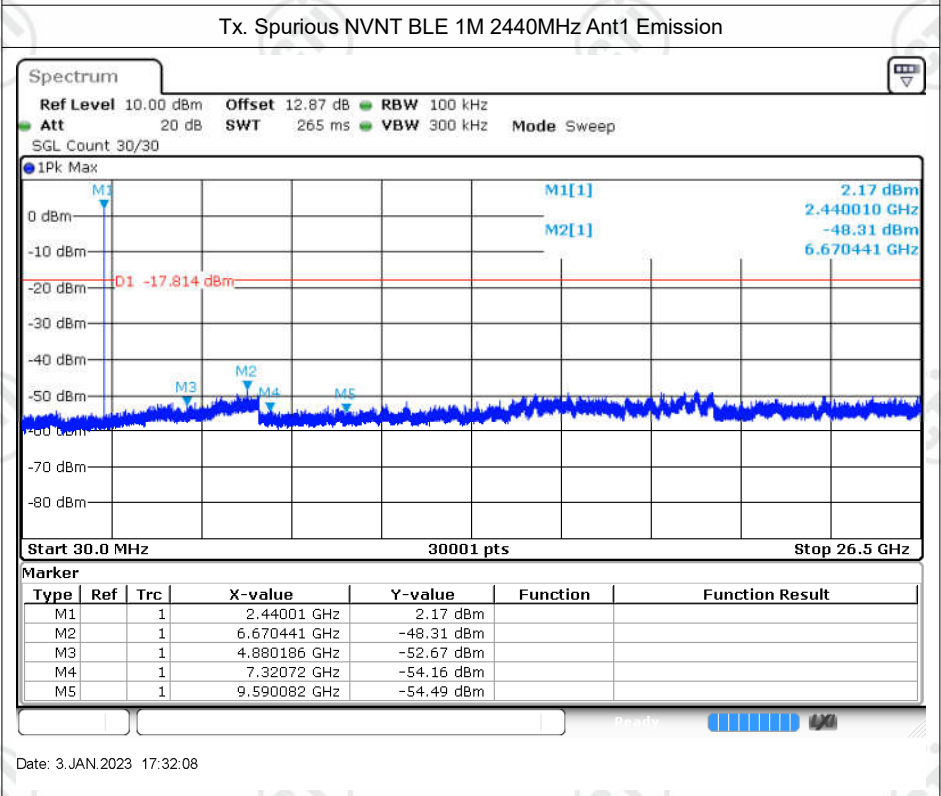
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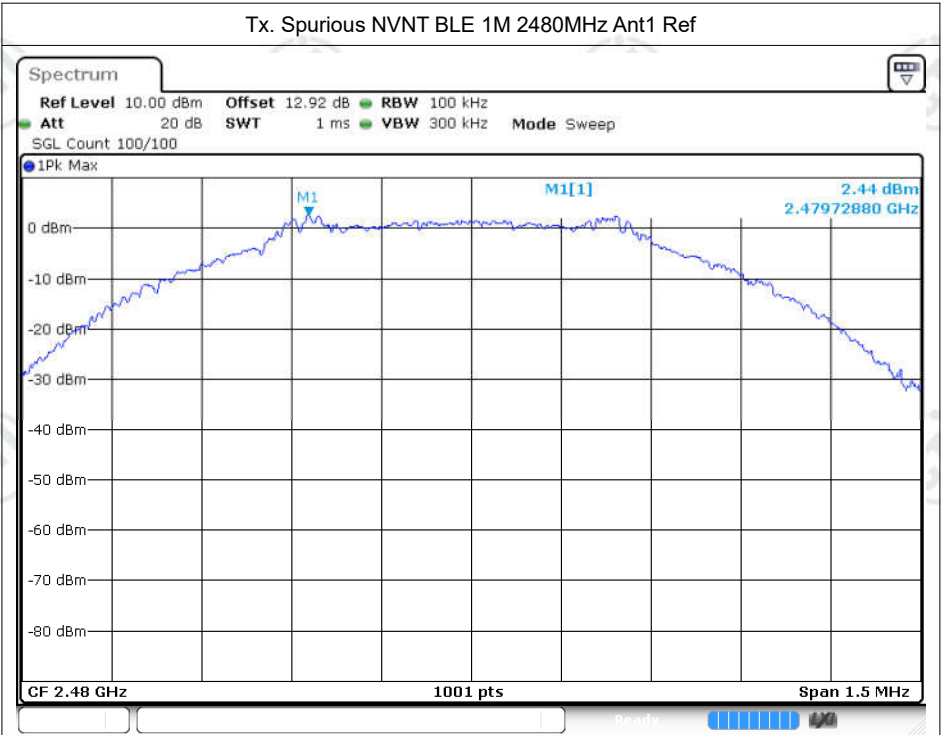
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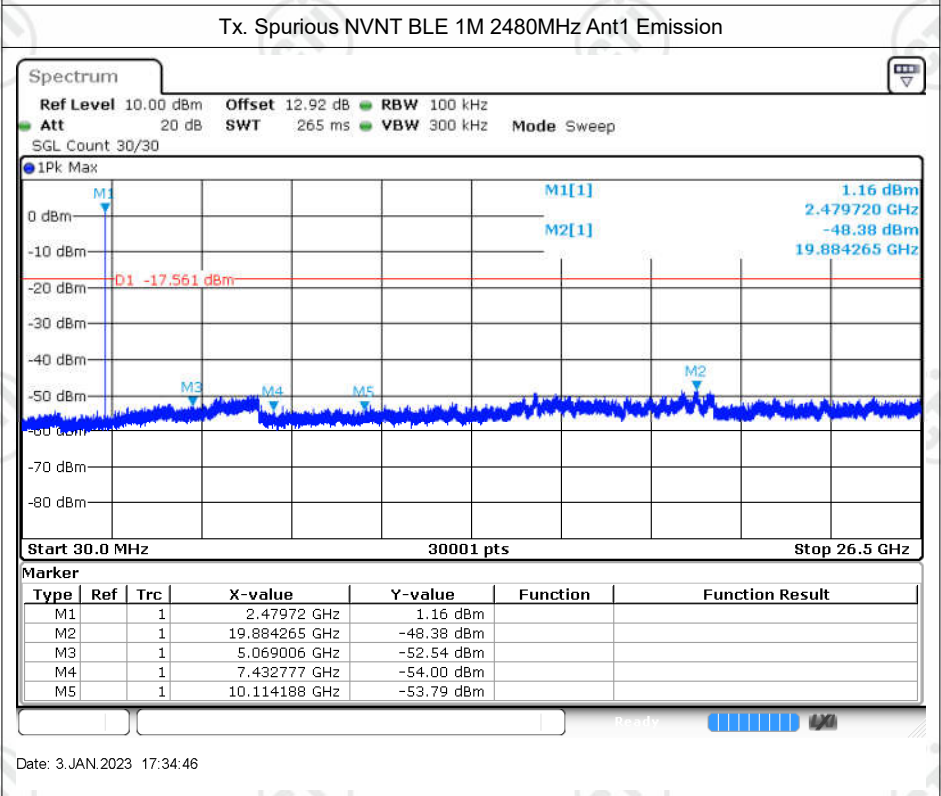
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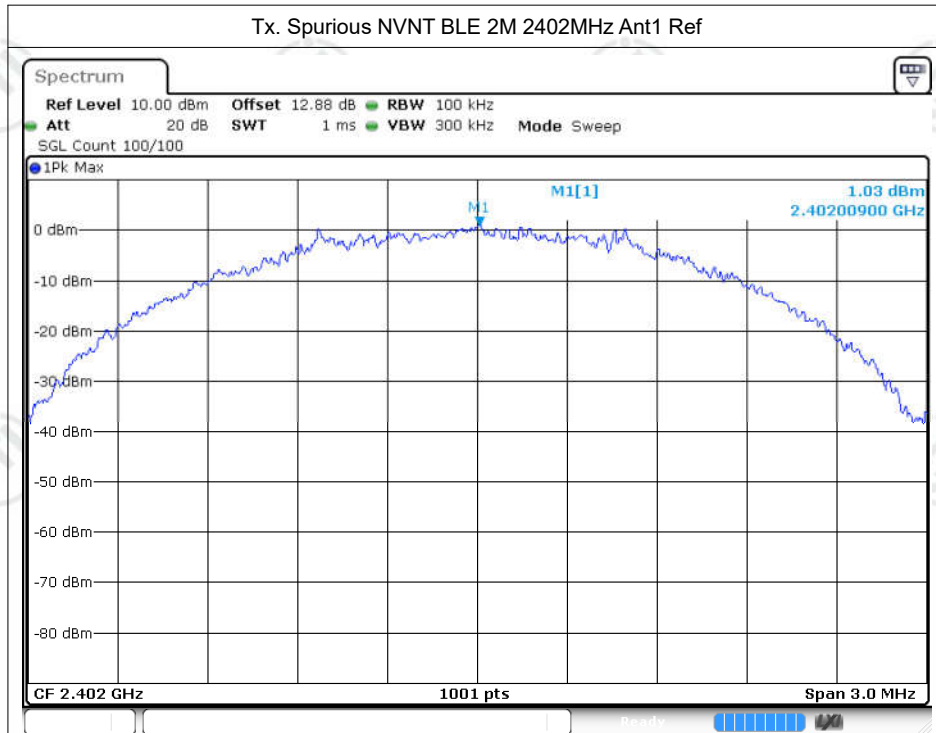
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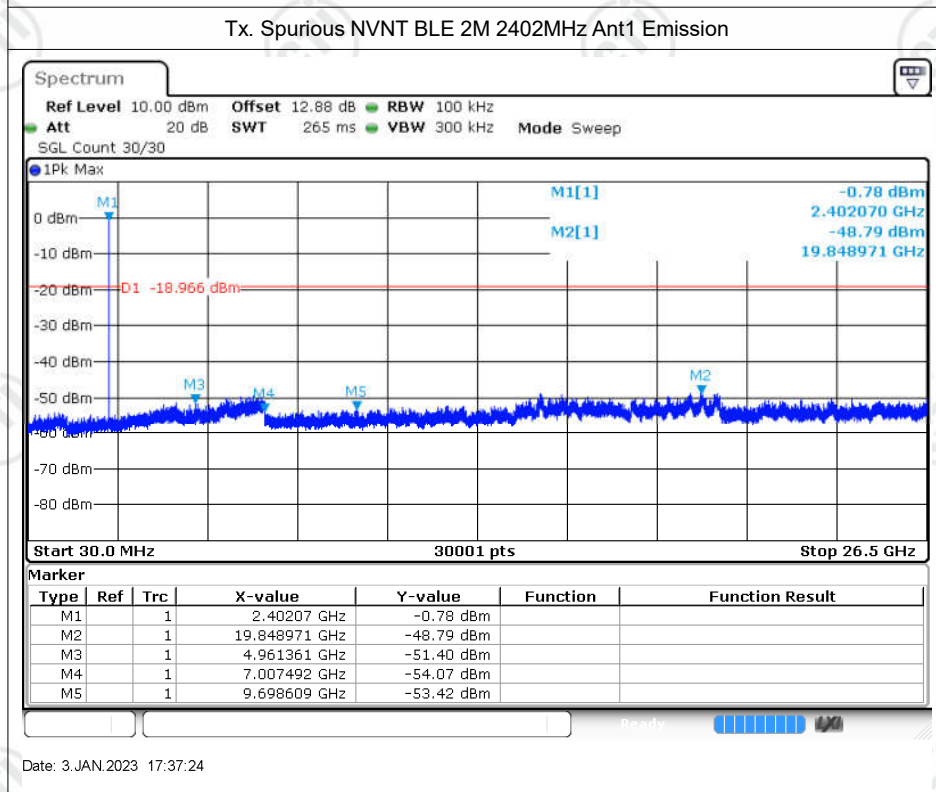
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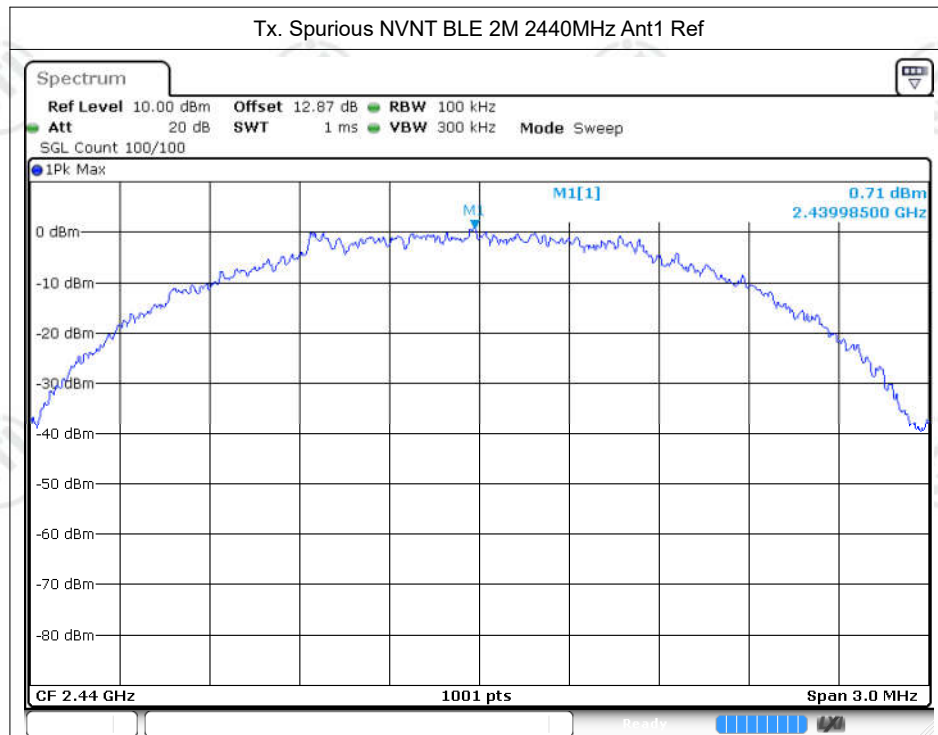
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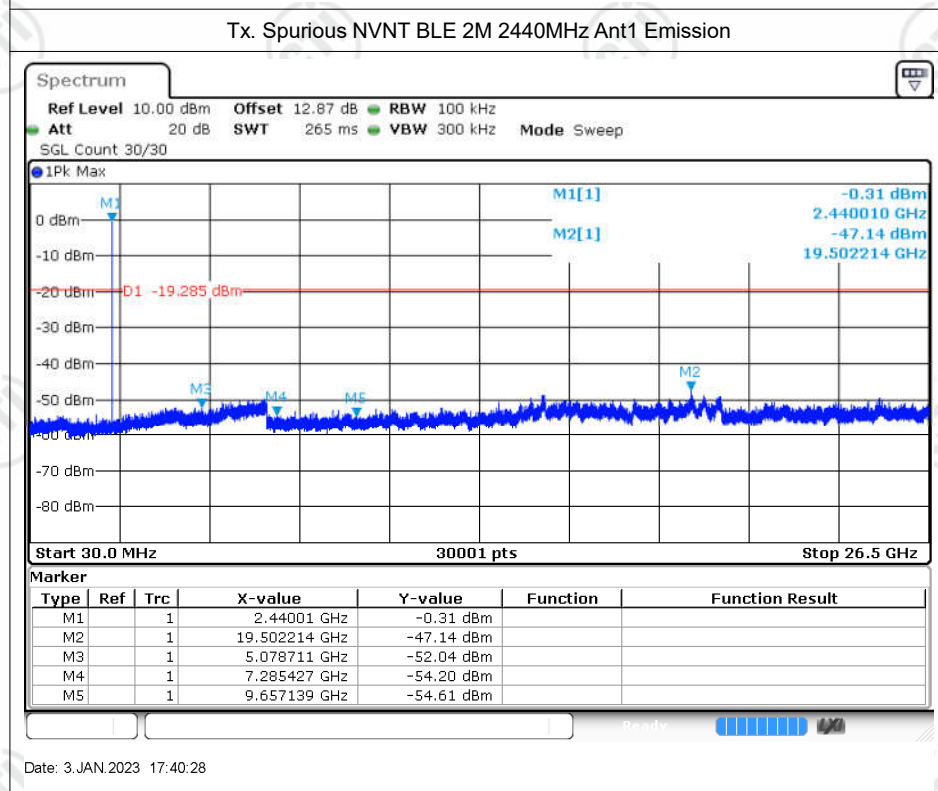
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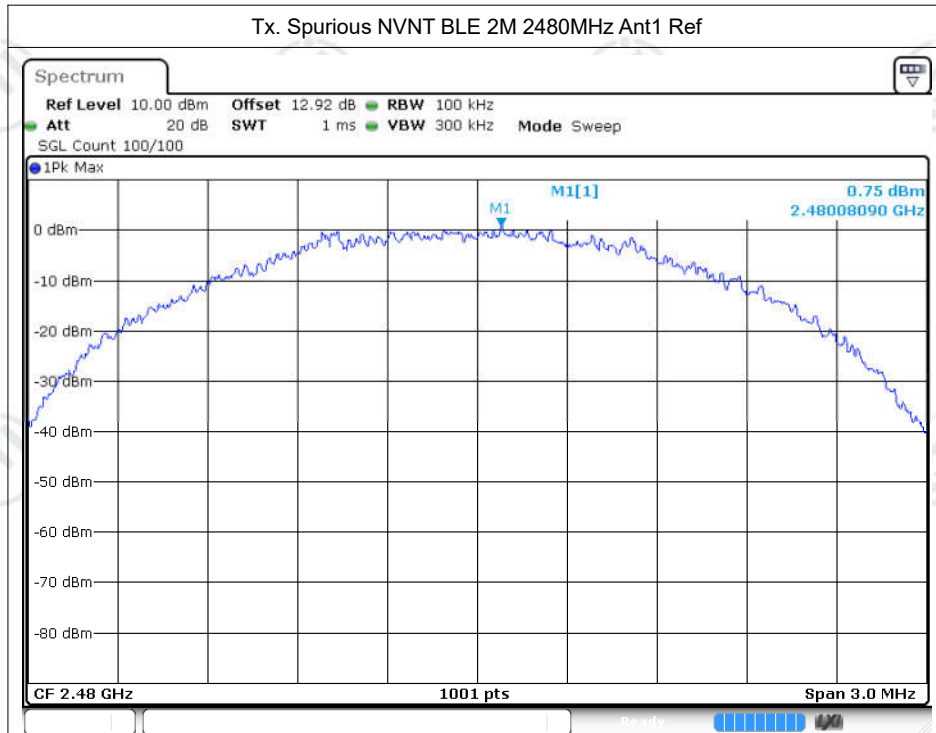
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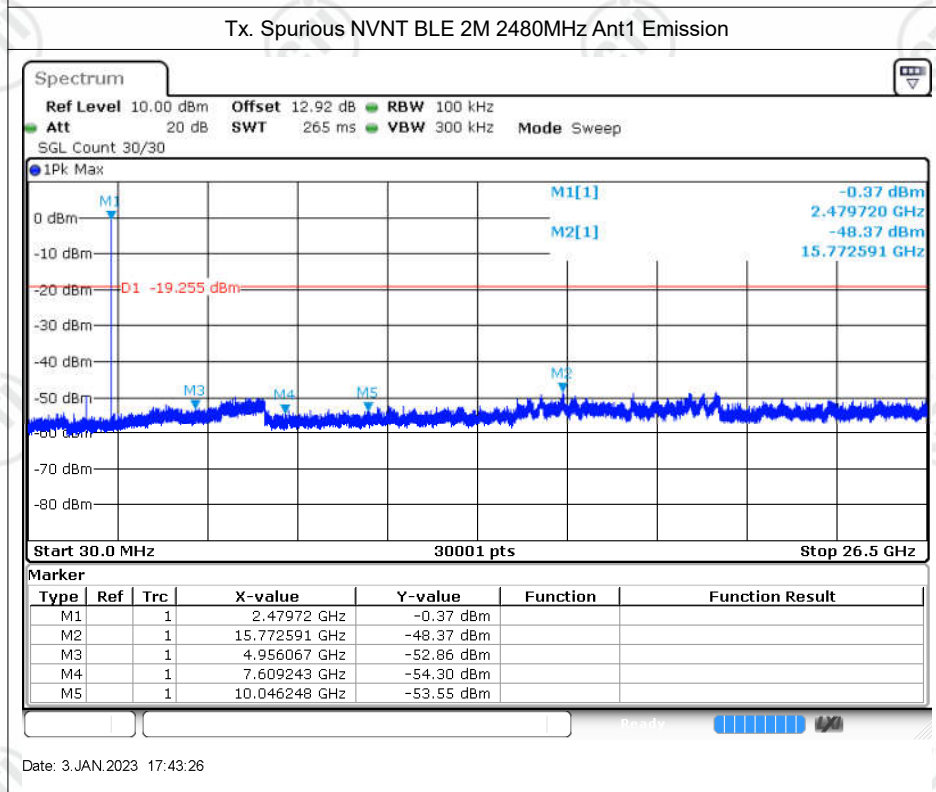
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Date: 3.JAN.2023 17:40:28



Date: 3.JAN.2023 17:42:57



Date: 3.JAN.2023 17:43:26

*** End of Report ***