

Appendix: Bluetooth LE

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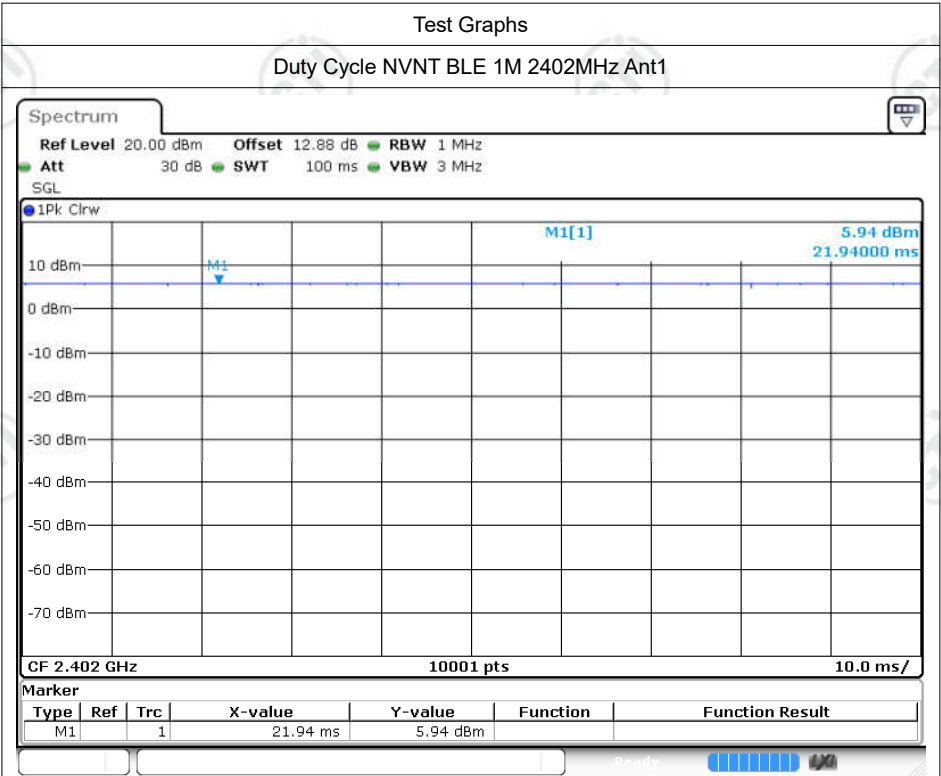
Maximum Power Spectral Density Level 19

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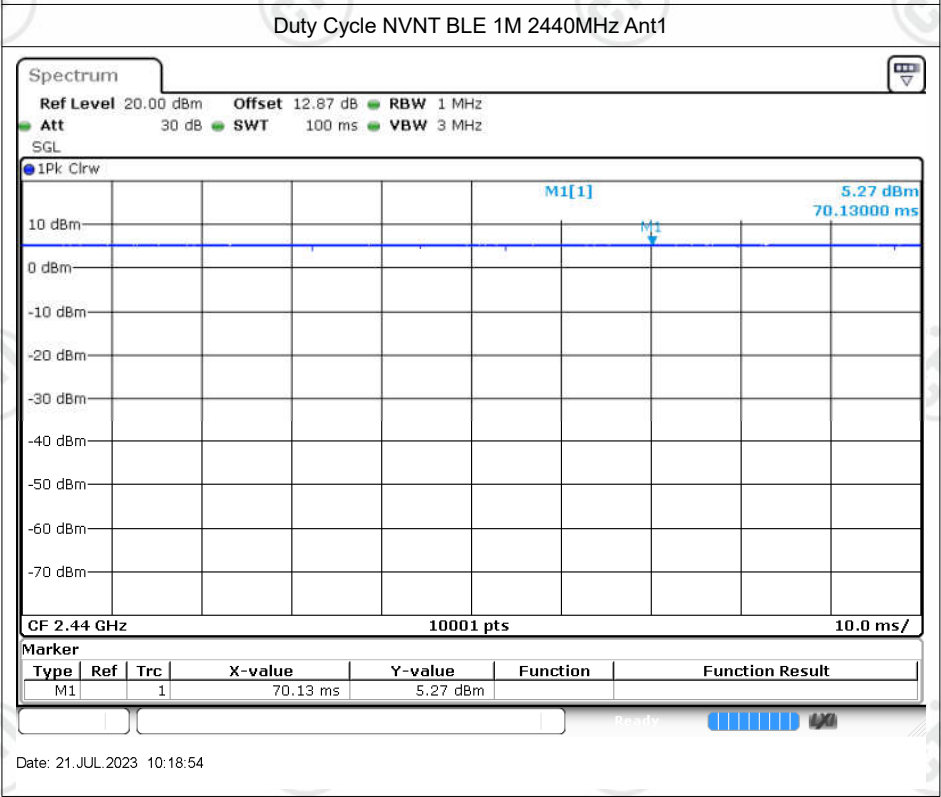
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Duty Cycle

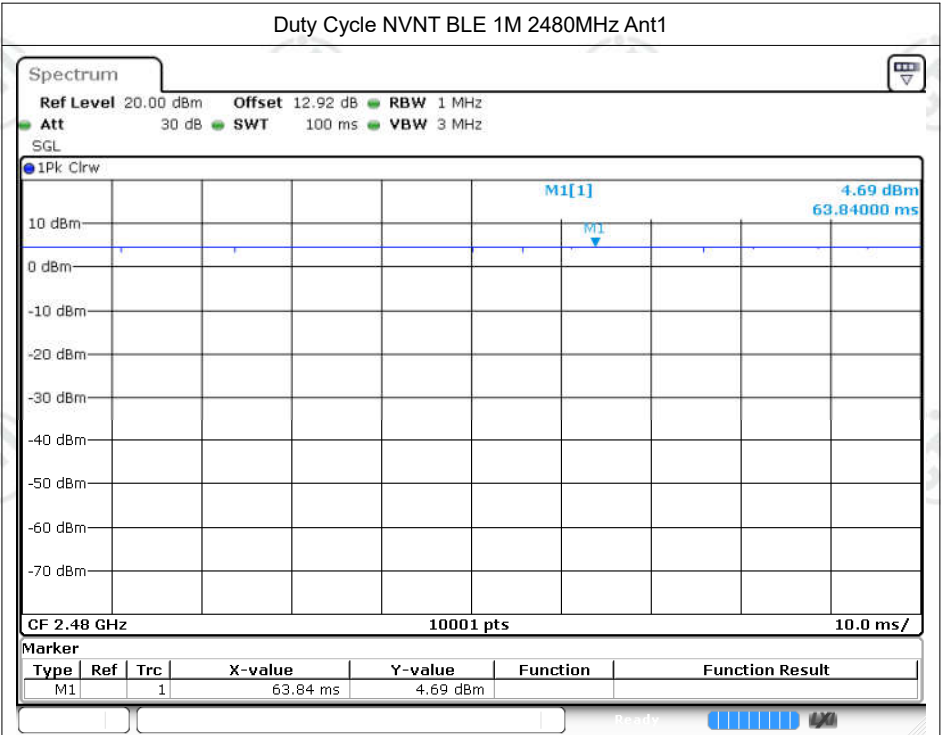
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0



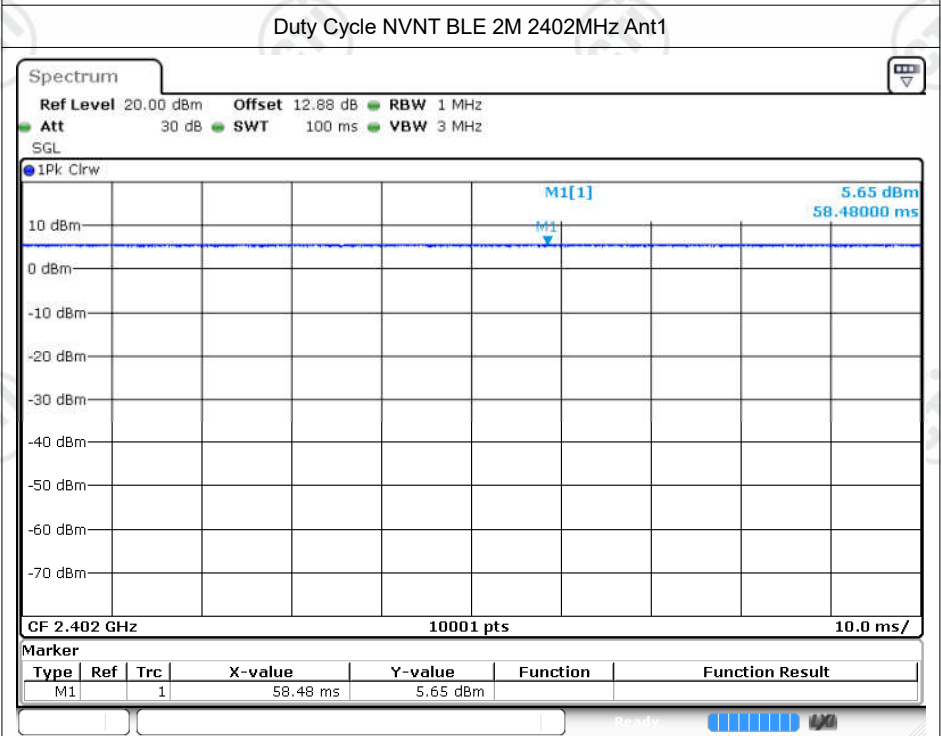
Date: 21.JUL.2023 10:16:32



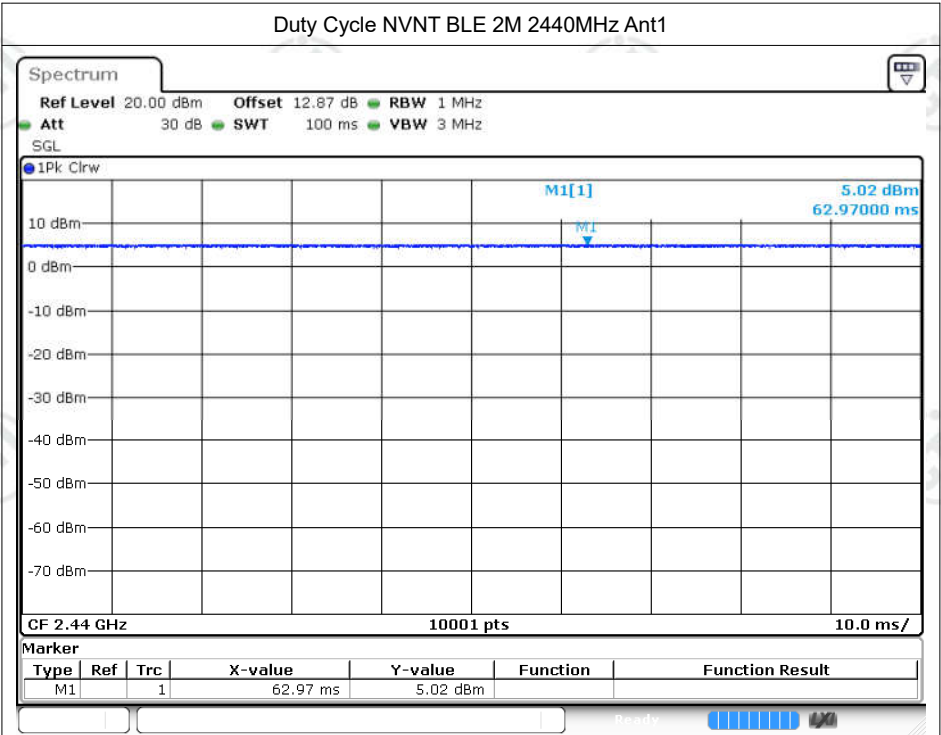
Date: 21.JUL.2023 10:18:54



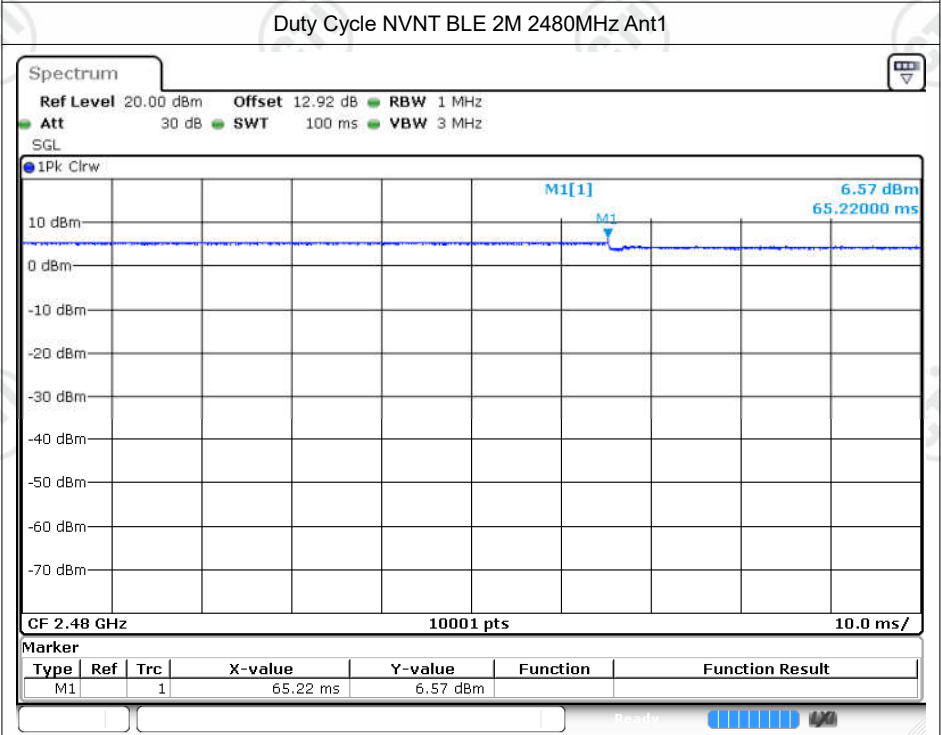
Date: 21.JUL.2023 10:20:37



Date: 21.JUL.2023 10:23:57



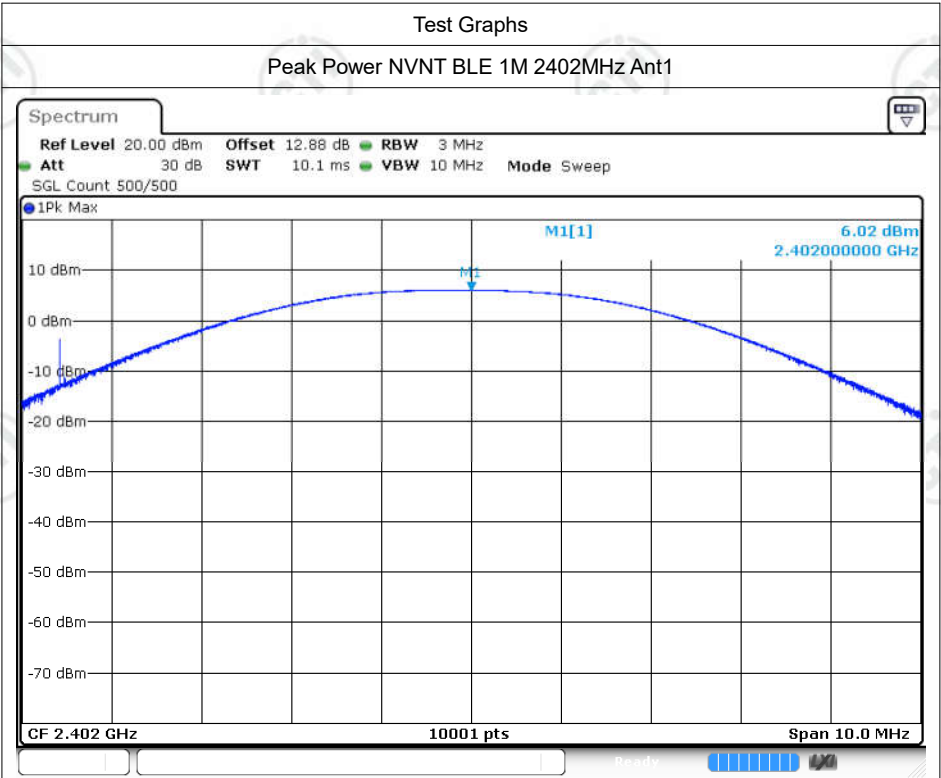
Date: 21.JUL.2023 10:26:07



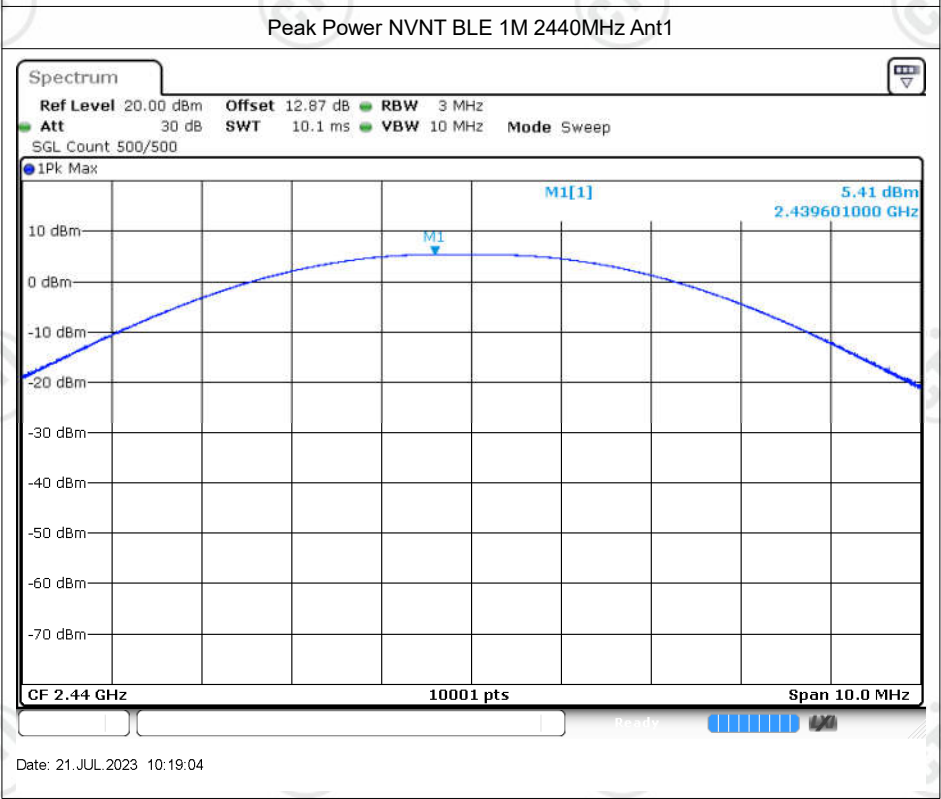
Date: 21.JUL.2023 10:28:06

Maximum Peak Conducted Output Power

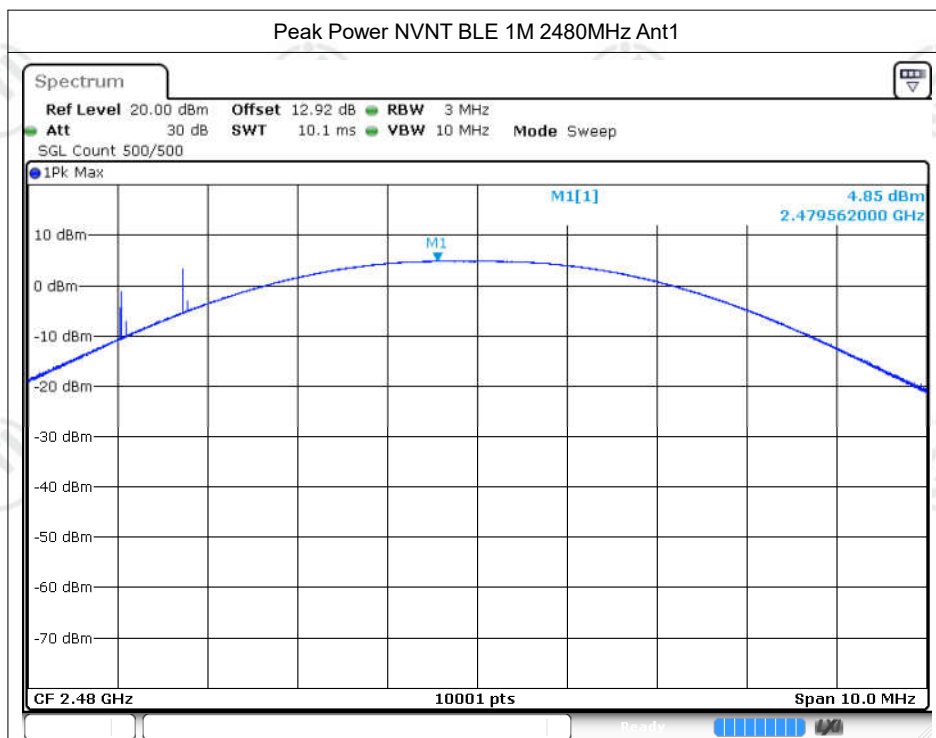
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	6.02	30	Pass
NVNT	BLE 1M	2440	Ant1	5.41	30	Pass
NVNT	BLE 1M	2480	Ant1	4.85	30	Pass
NVNT	BLE 2M	2402	Ant1	6.02	30	Pass
NVNT	BLE 2M	2440	Ant1	5.4	30	Pass
NVNT	BLE 2M	2480	Ant1	4.83	30	Pass



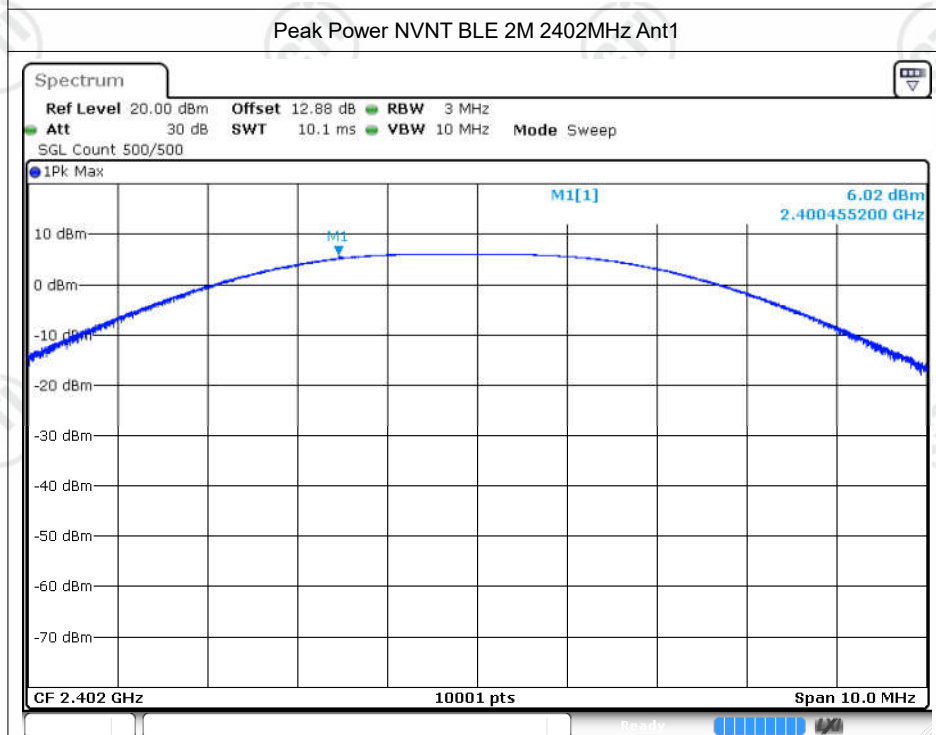
Date: 21.JUL.2023 10:17:05



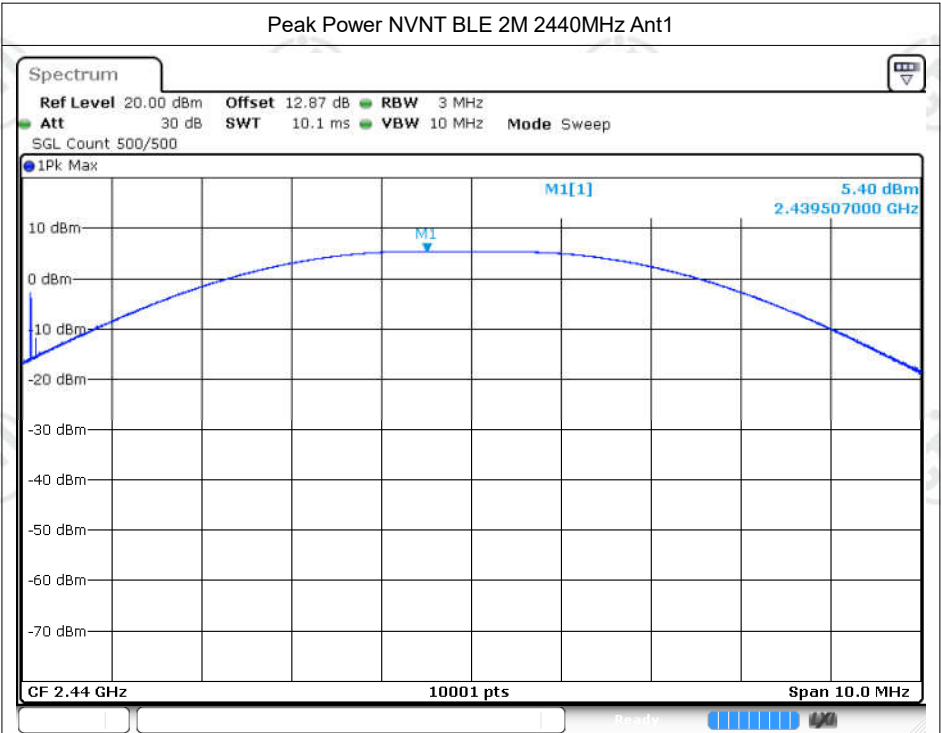
Date: 21.JUL.2023 10:19:04



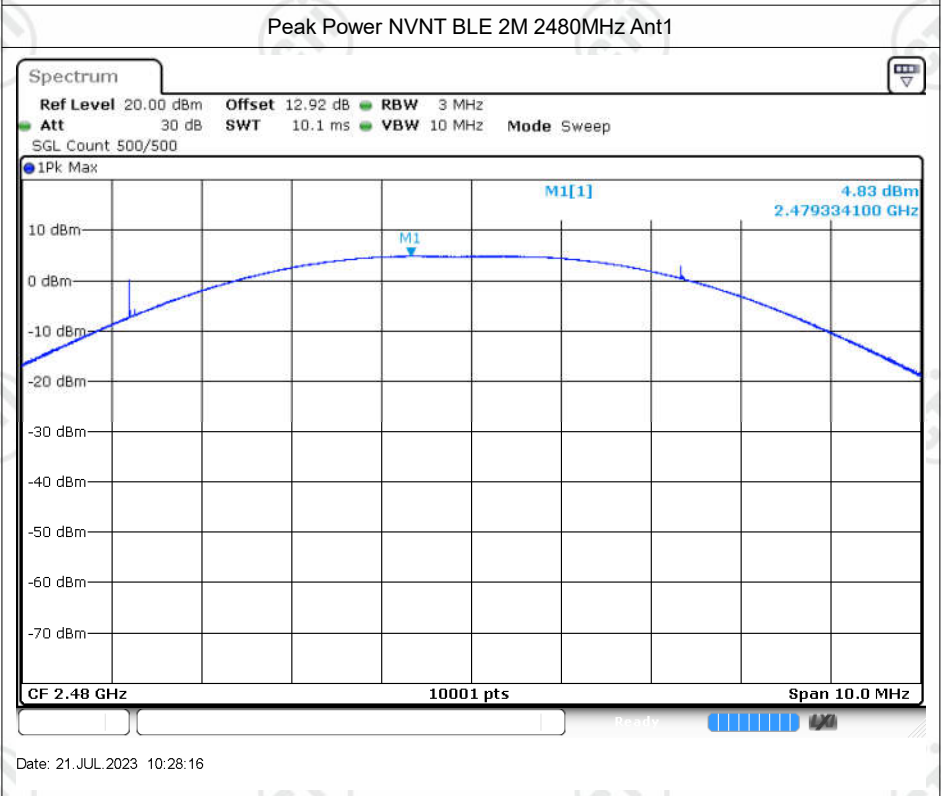
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Date: 21. JUL. 2023 10:24:07



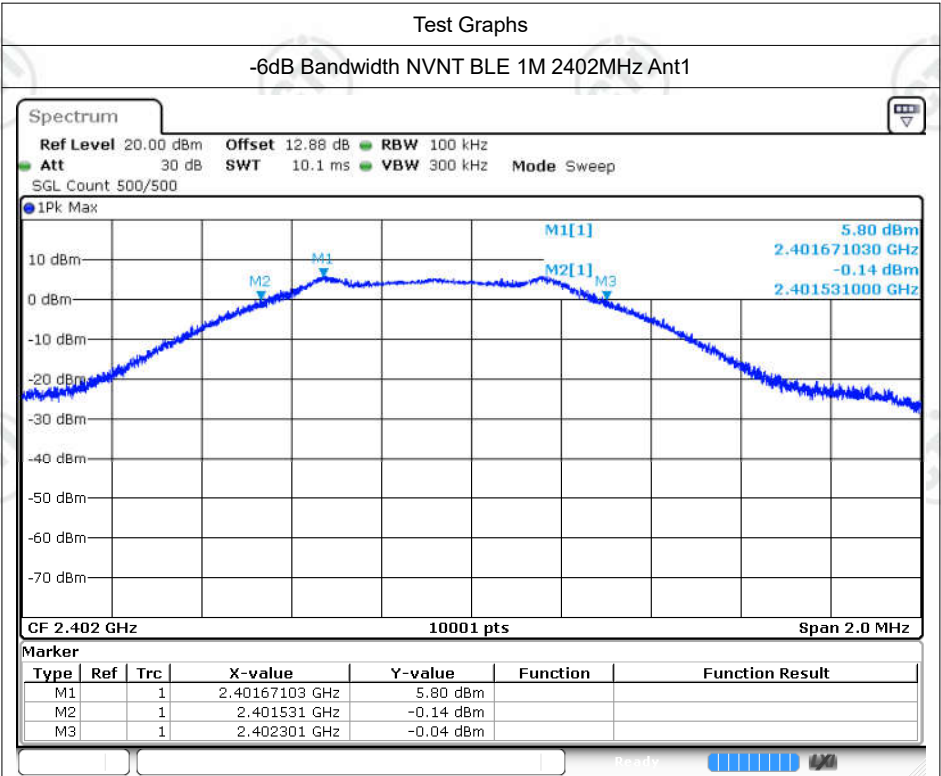
Date: 21. JUL. 2023 10:26:17



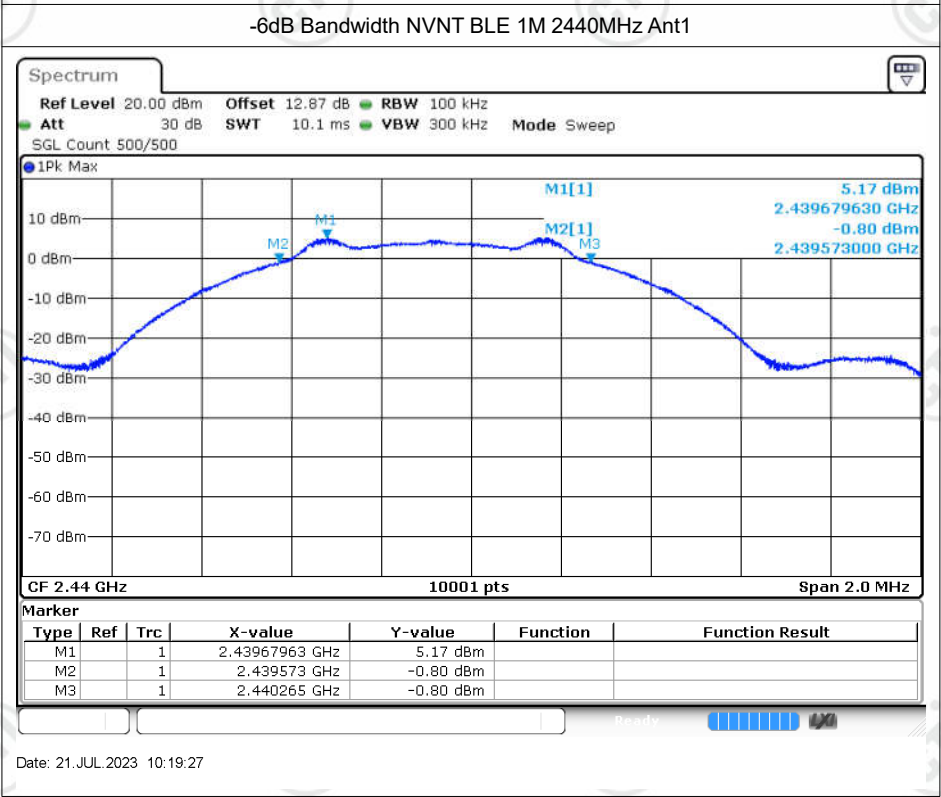
Date: 21. JUL. 2023 10:28:16

-6dB Bandwidth

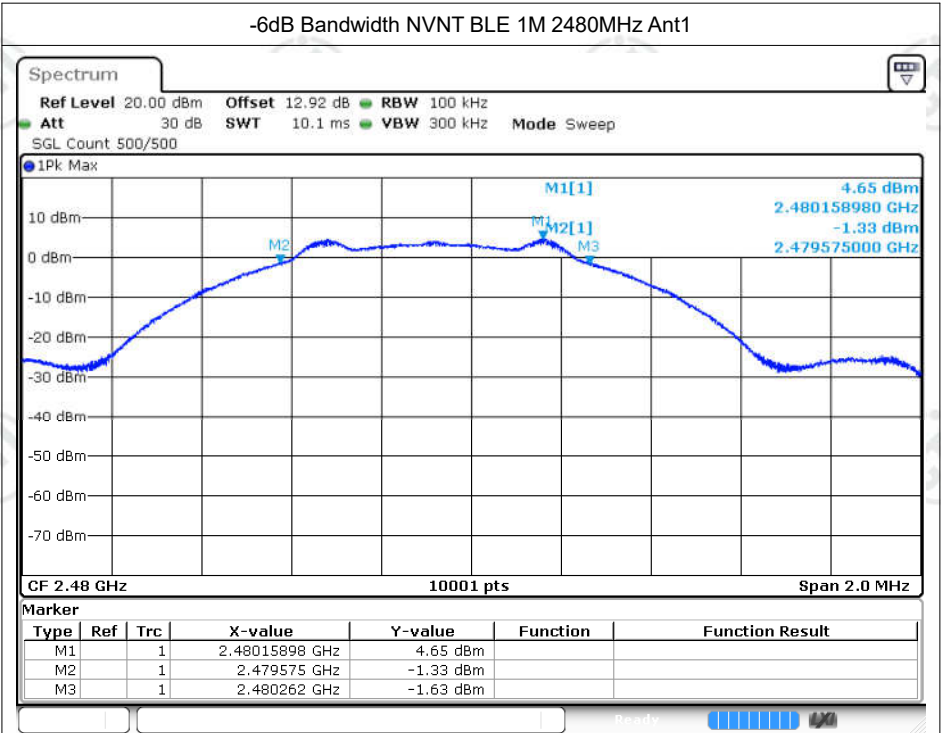
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.77	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.692	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.687	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.386	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.394	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.409	0.5	Pass



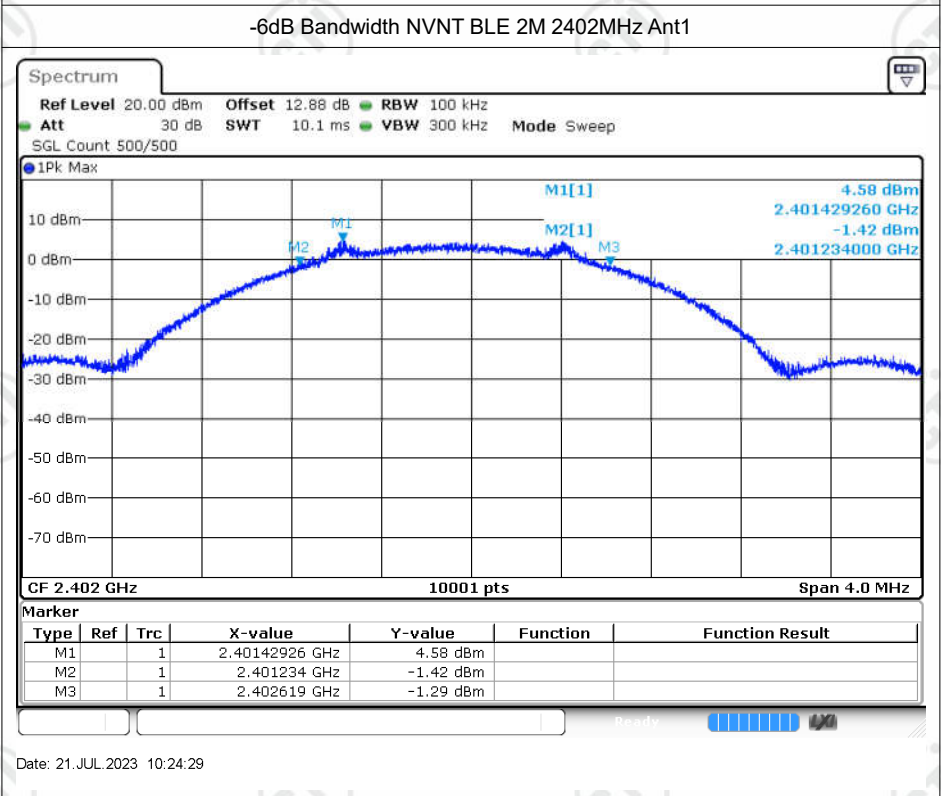
Date: 21.JUL.2023 10:17:27



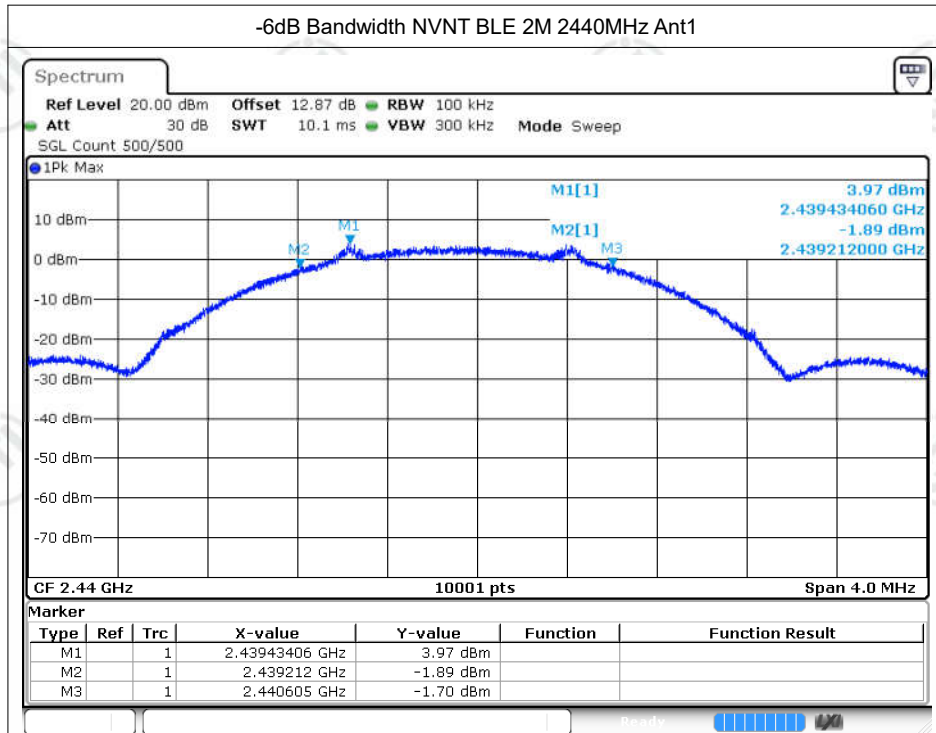
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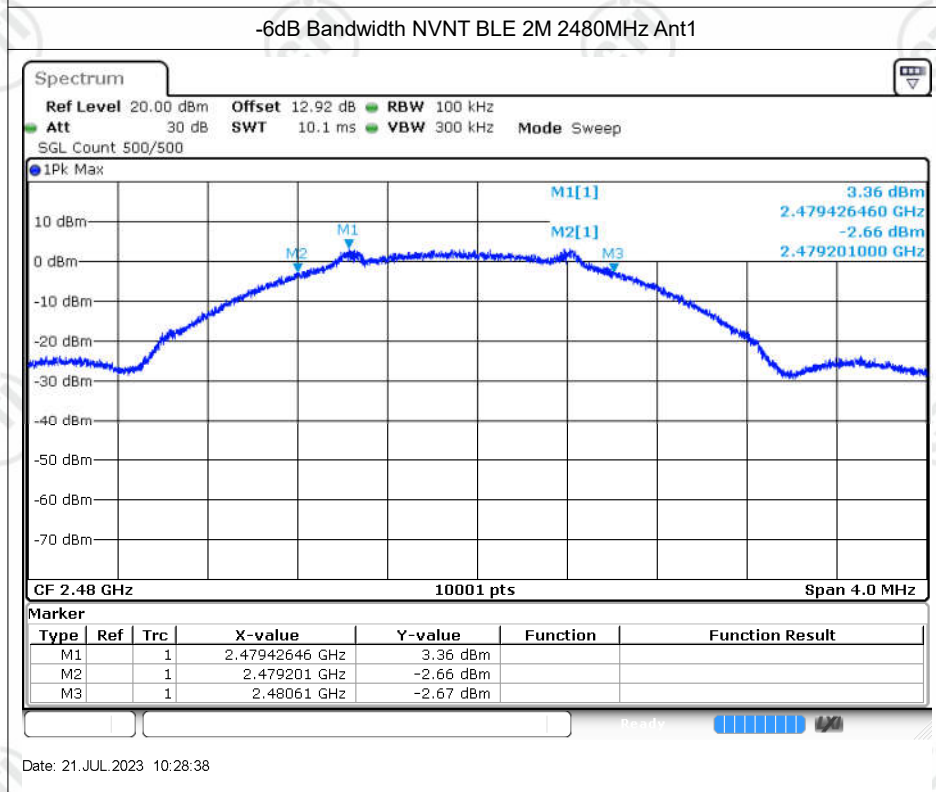
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Date: 21. JUL. 2023 10:24:29



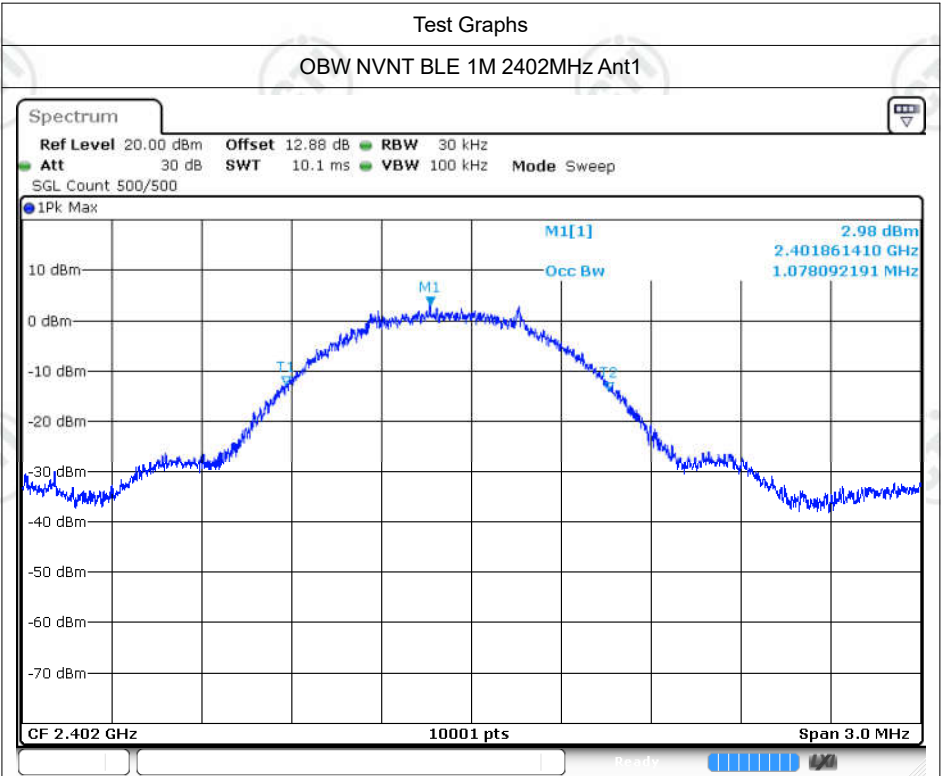
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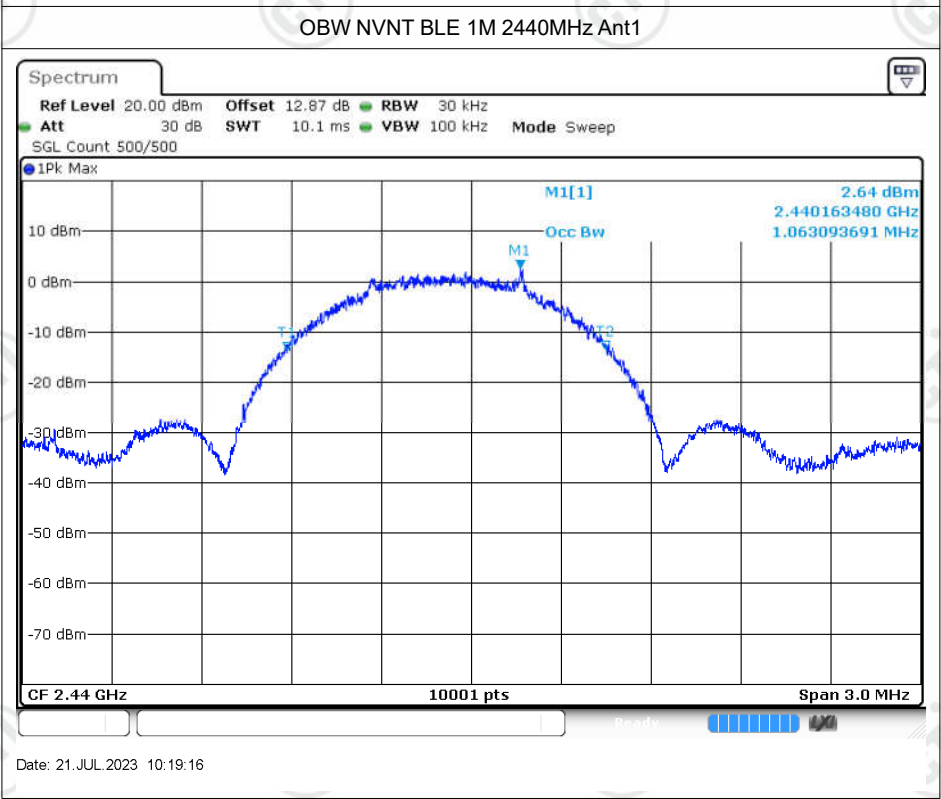
Date: 21.JUL.2023 10:28:38

Occupied Channel Bandwidth

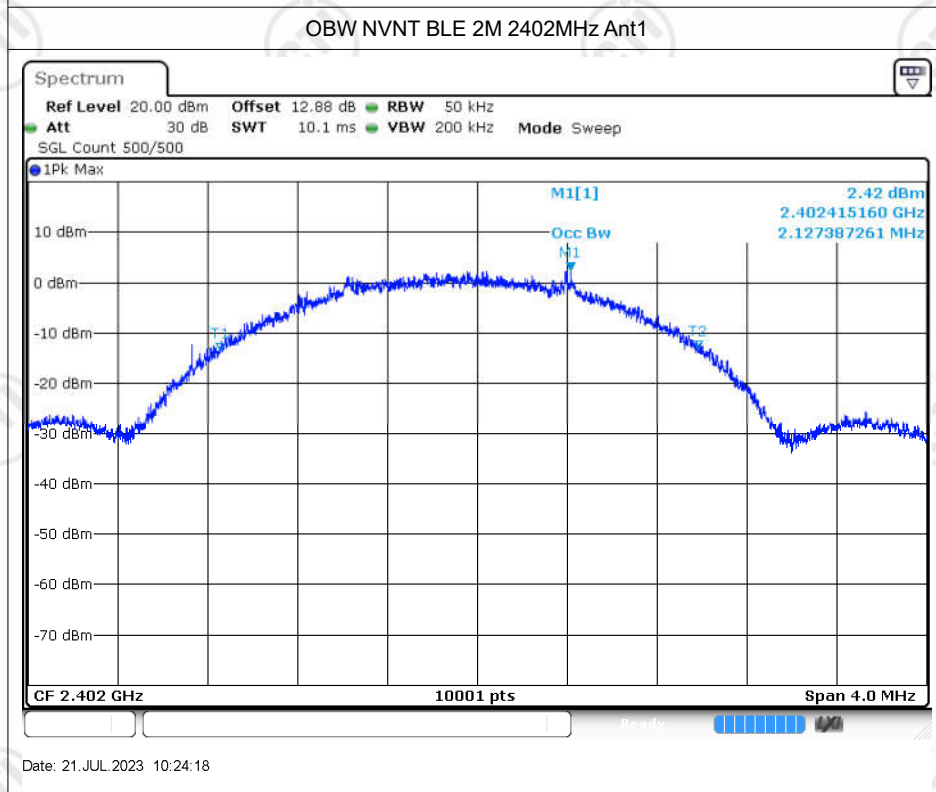
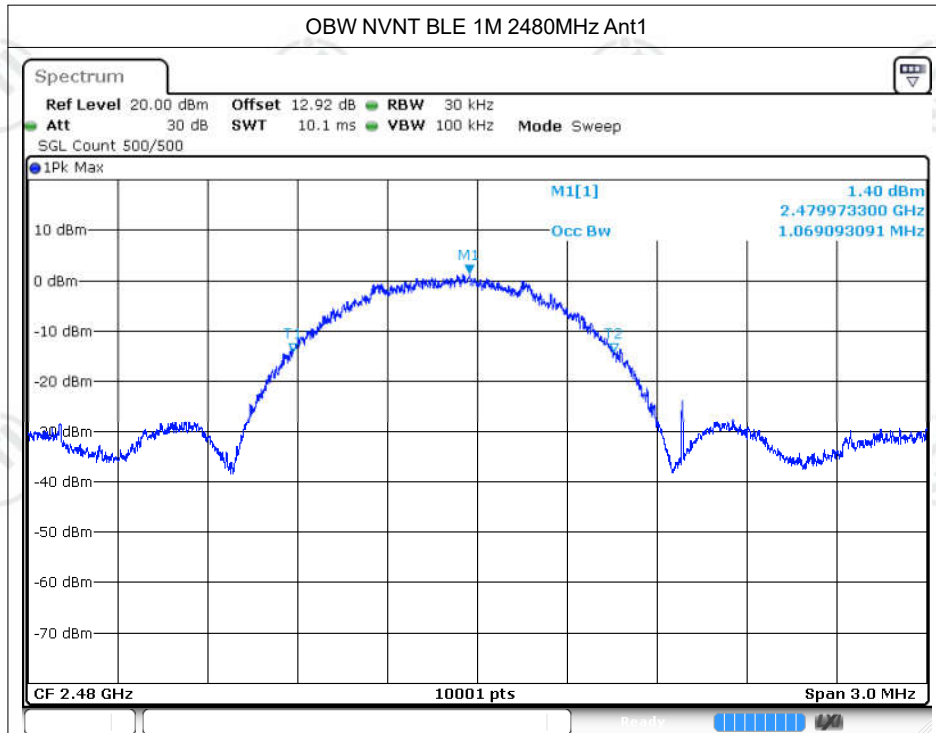
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.078
NVNT	BLE 1M	2440	Ant1	1.063
NVNT	BLE 1M	2480	Ant1	1.069
NVNT	BLE 2M	2402	Ant1	2.127
NVNT	BLE 2M	2440	Ant1	2.125
NVNT	BLE 2M	2480	Ant1	2.141

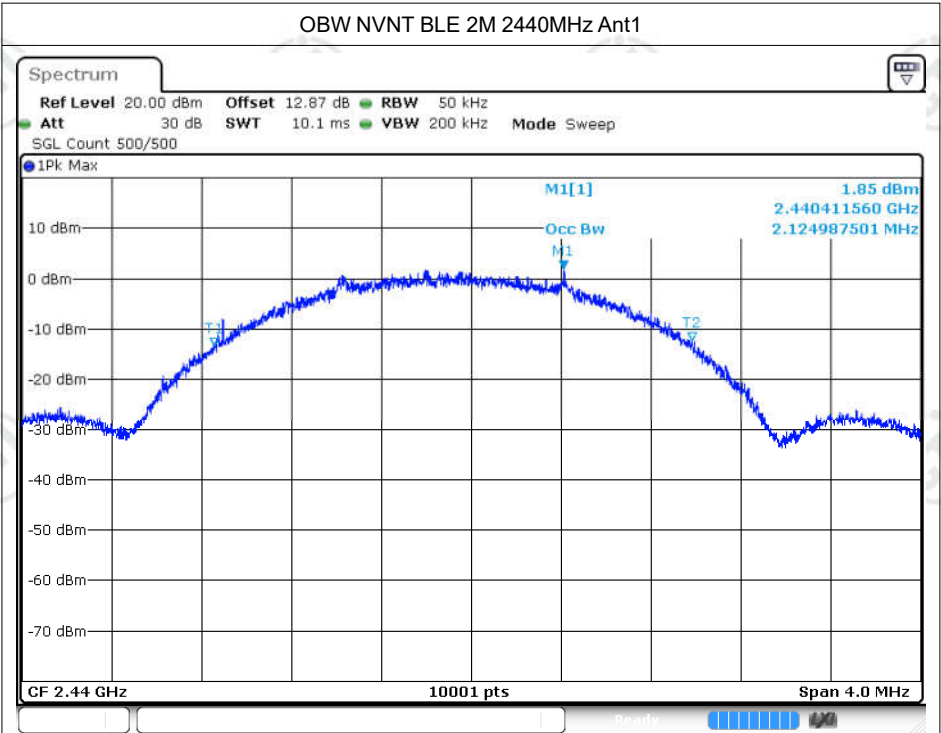


Date: 21.JUL.2023 10:17:16

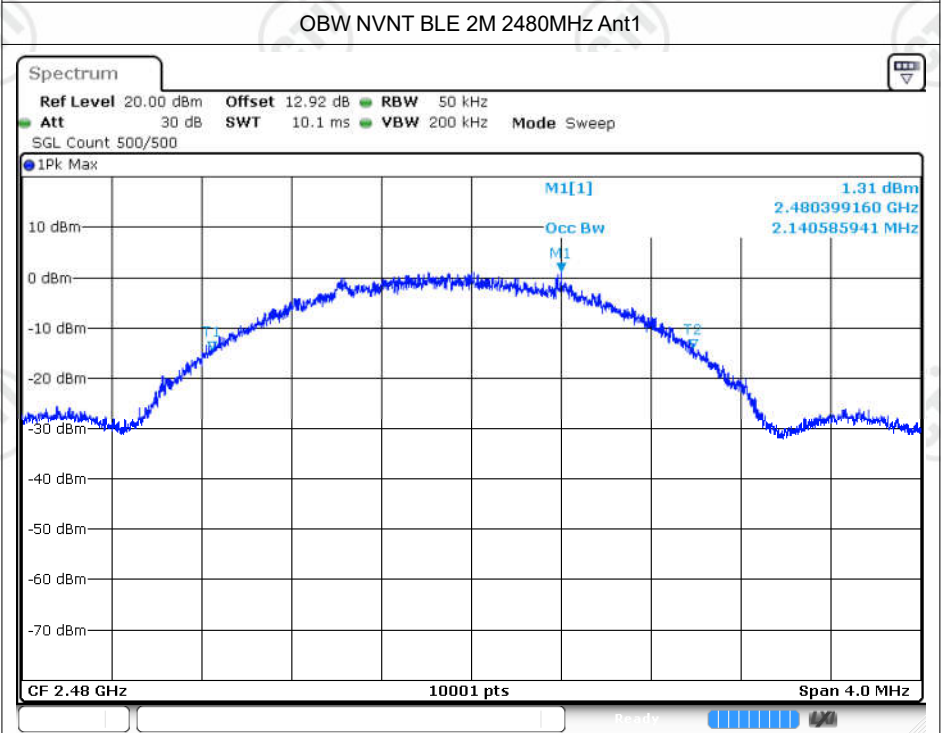


Date: 21.JUL.2023 10:19:16





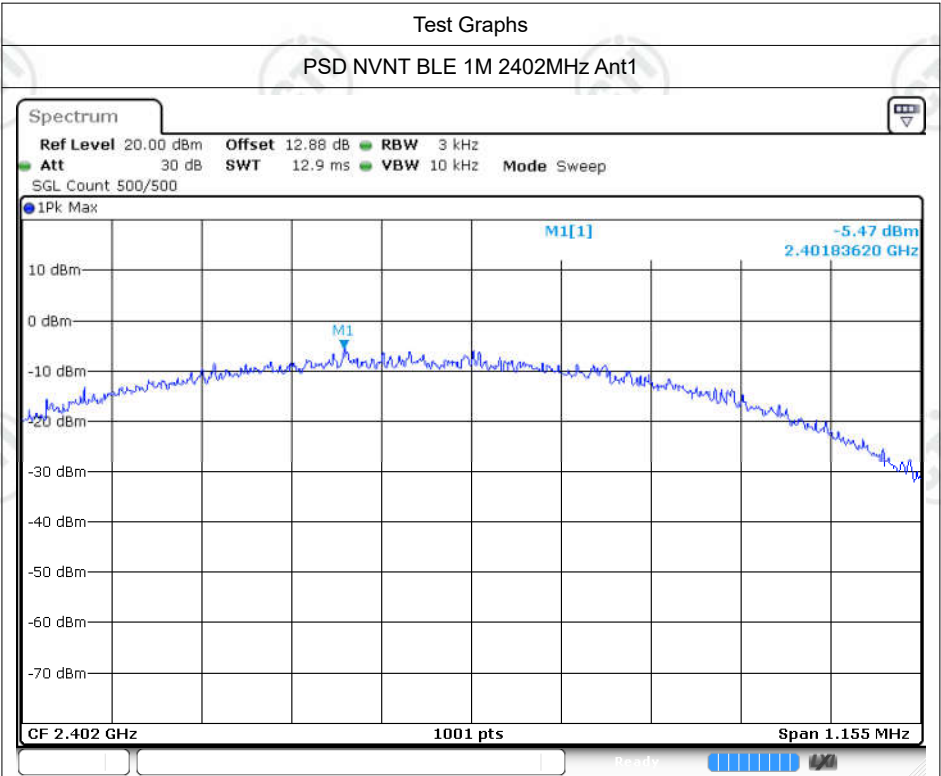
Date: 21. JUL. 2023 10:26:29



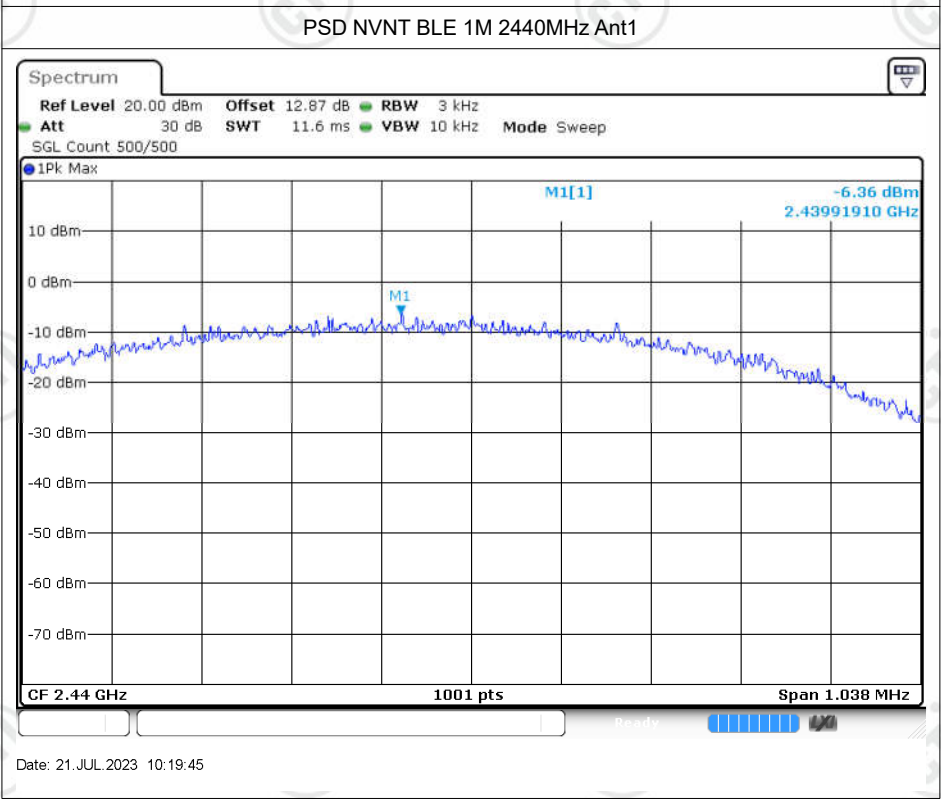
Date: 21. JUL. 2023 10:28:27

Maximum Power Spectral Density Level

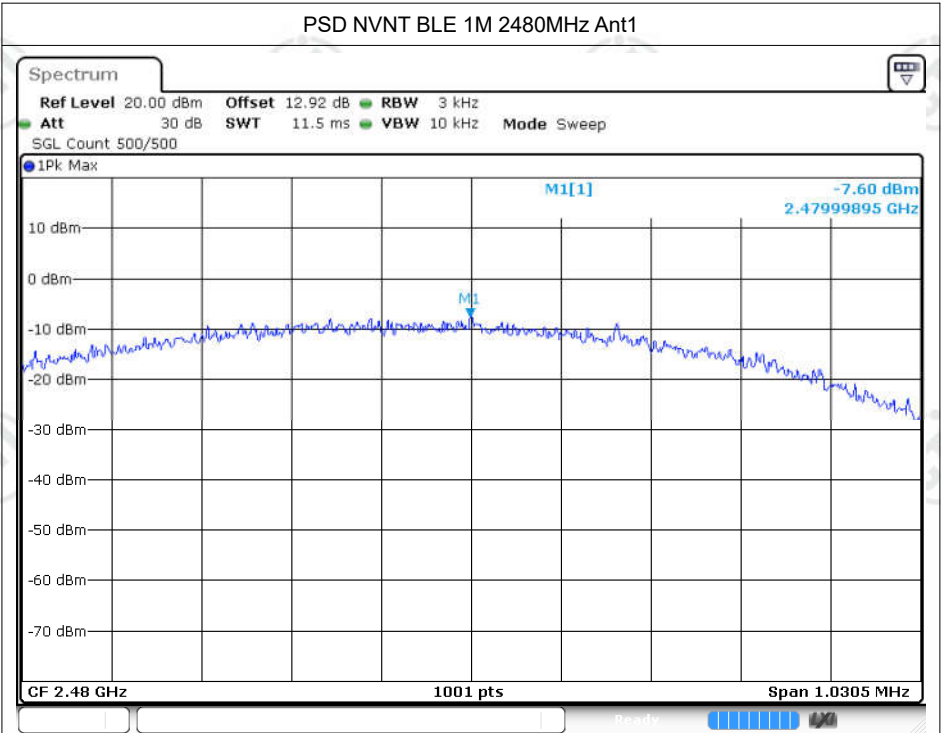
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-5.47	8	Pass
NVNT	BLE 1M	2440	Ant1	-6.36	8	Pass
NVNT	BLE 1M	2480	Ant1	-7.6	8	Pass
NVNT	BLE 2M	2402	Ant1	-8.72	8	Pass
NVNT	BLE 2M	2440	Ant1	-9.04	8	Pass
NVNT	BLE 2M	2480	Ant1	-10.5	8	Pass



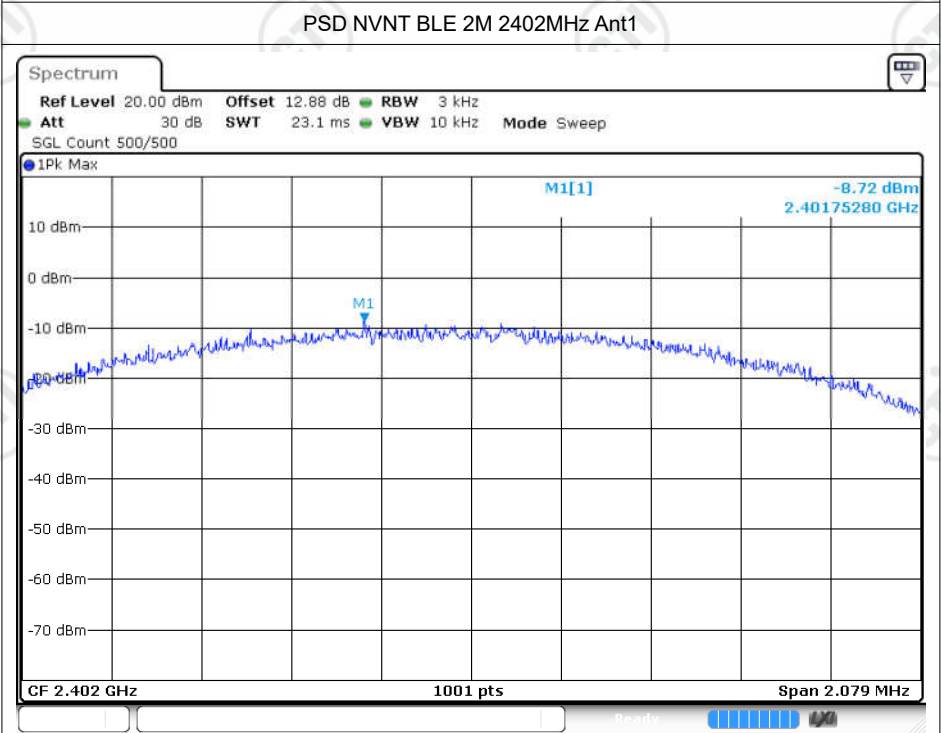
Date: 21.JUL.2023 10:17:46



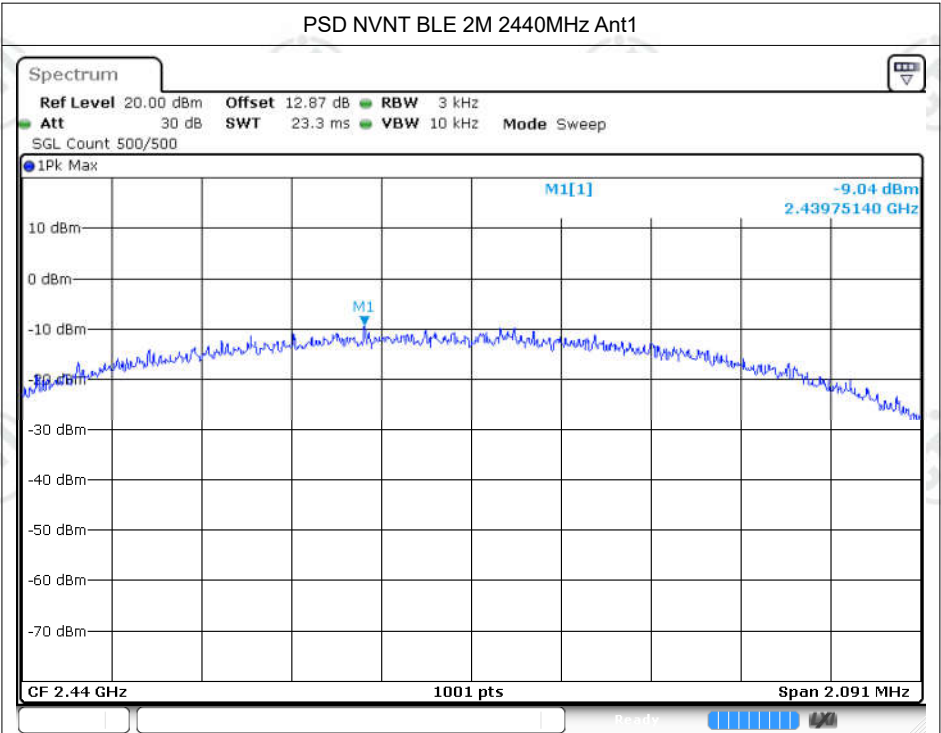
Date: 21.JUL.2023 10:19:45



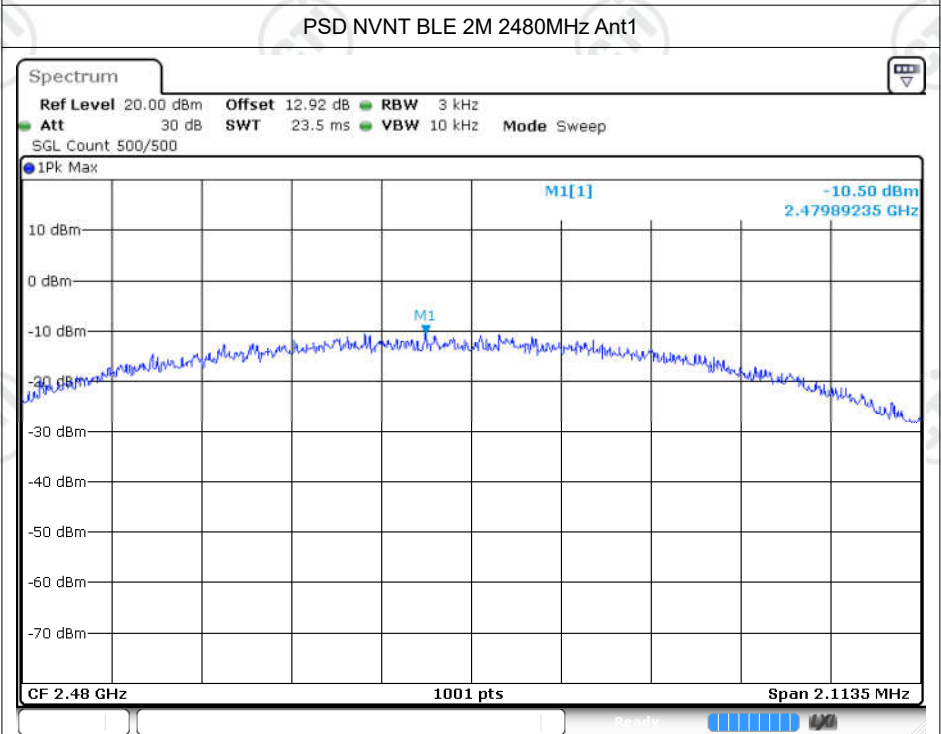
Date: 21.JUL.2023 10:21:27



Date: 21.JUL.2023 10:24:57



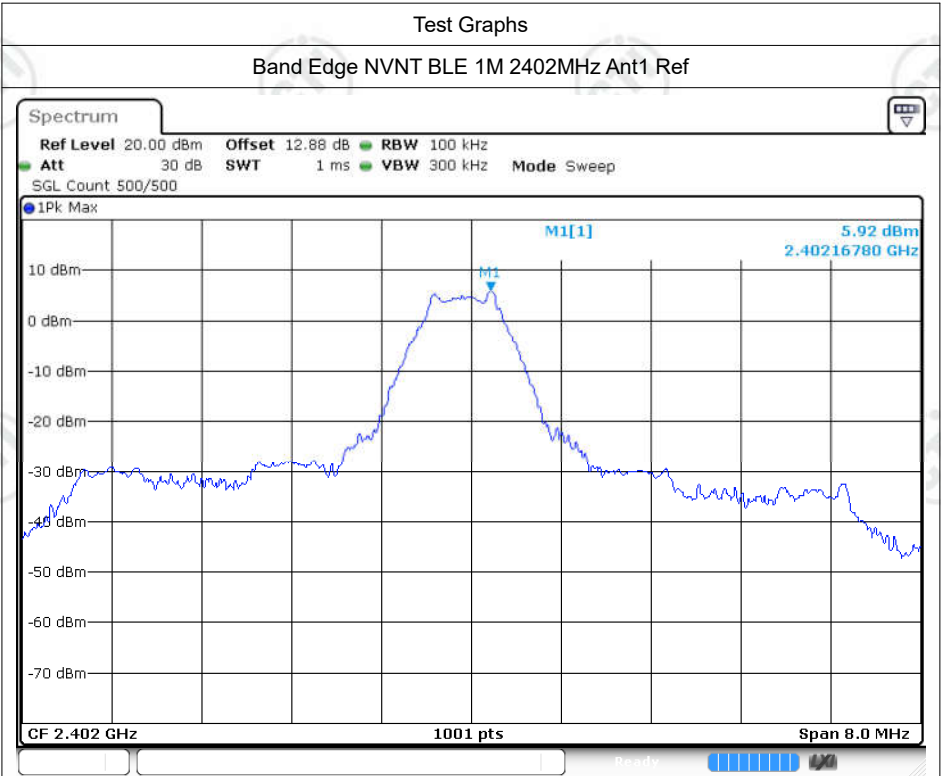
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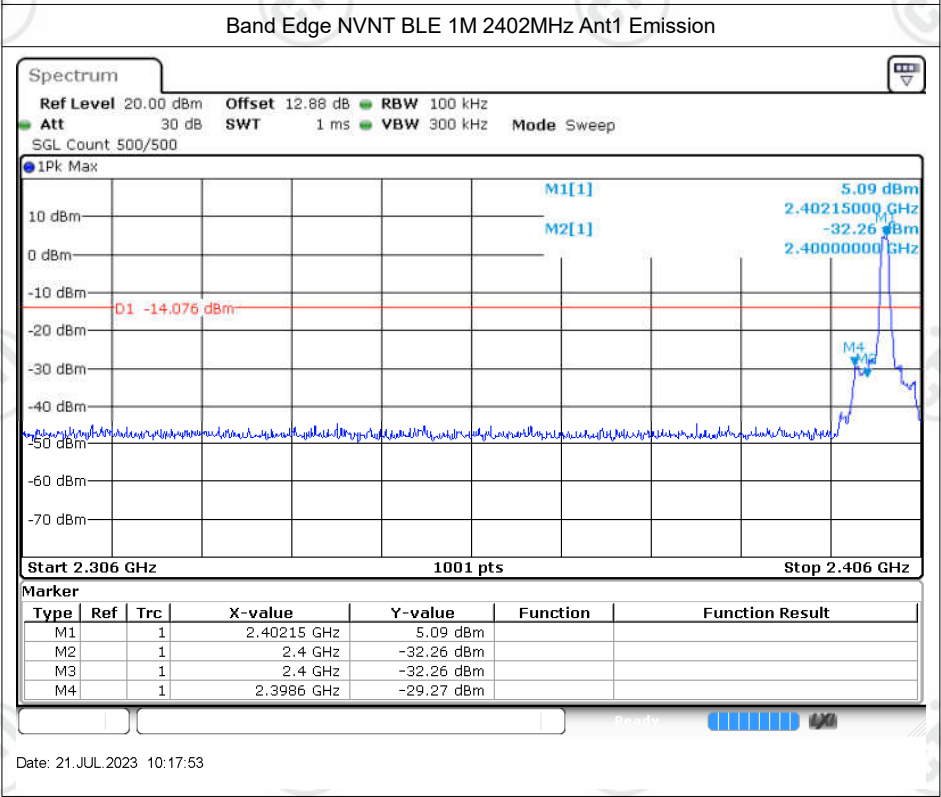
Date: 21. JUL. 2023 10:29:06

Band Edge

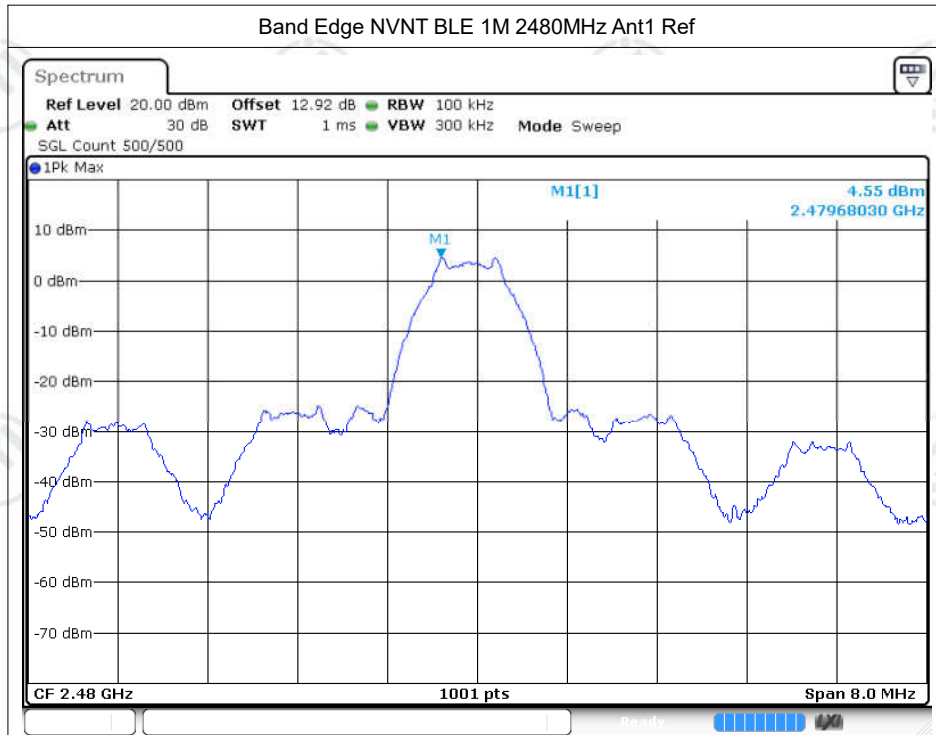
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-35.18	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.85	-20	Pass
NVNT	BLE 2M	2402	Ant1	-31.43	-20	Pass
NVNT	BLE 2M	2480	Ant1	-37.59	-20	Pass



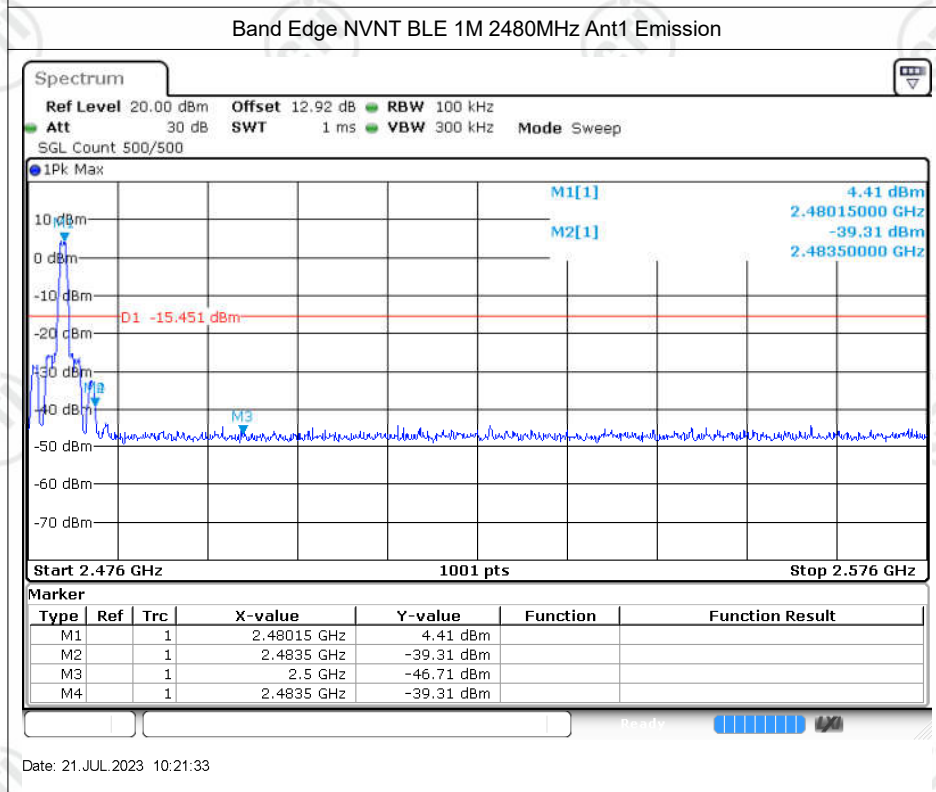
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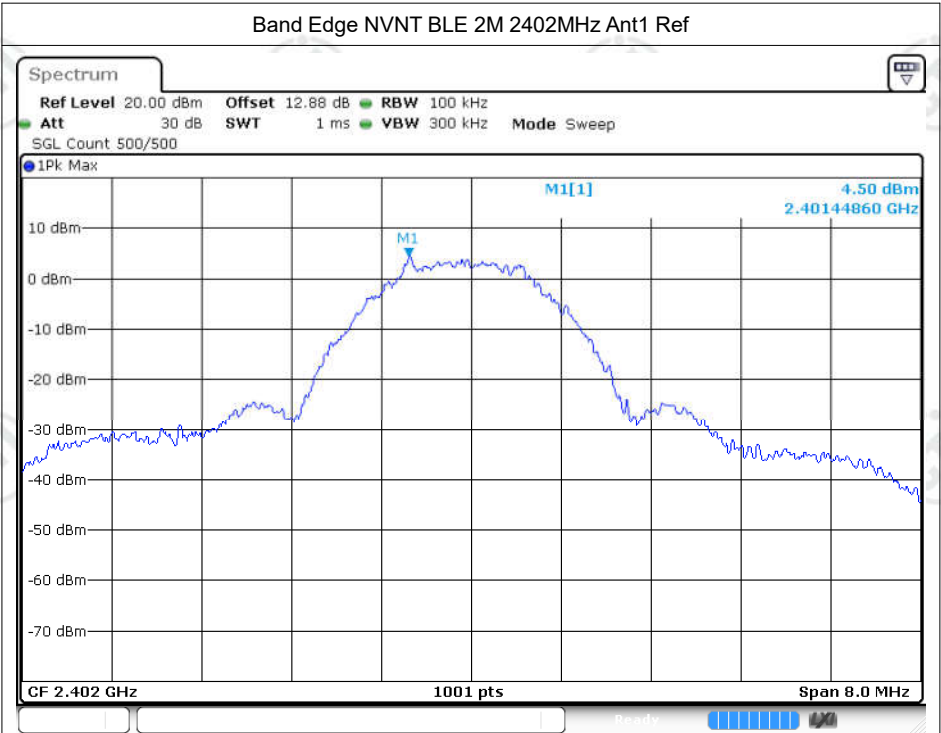
Date: 21.JUL.2023 10:17:53



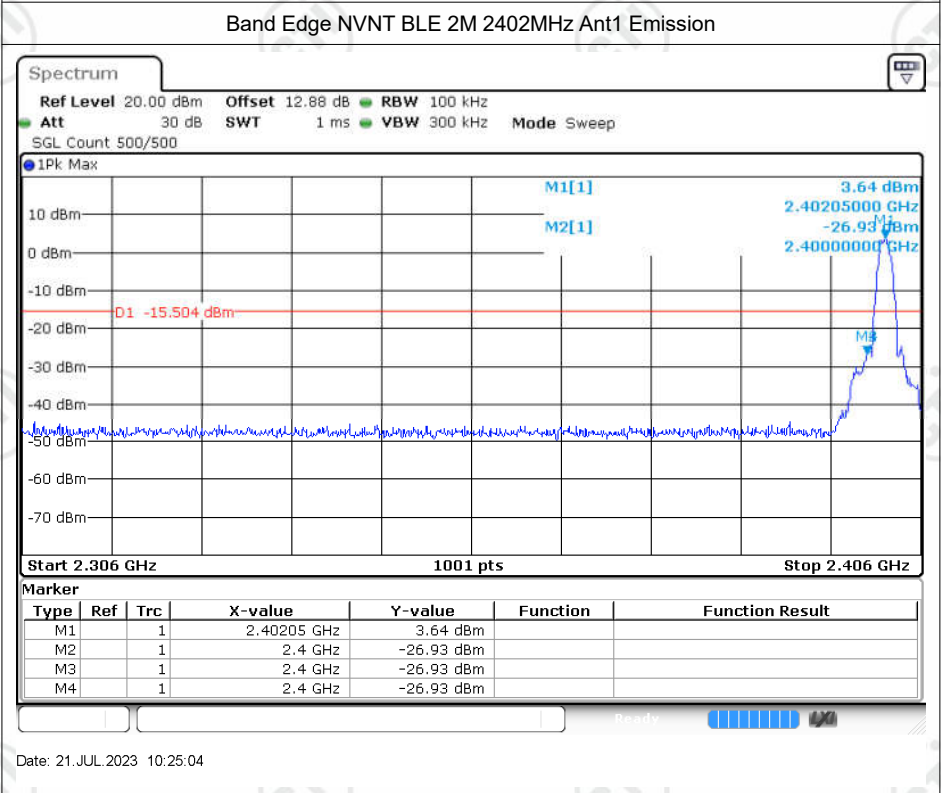
Date: 21.JUL.2023 10:21:31



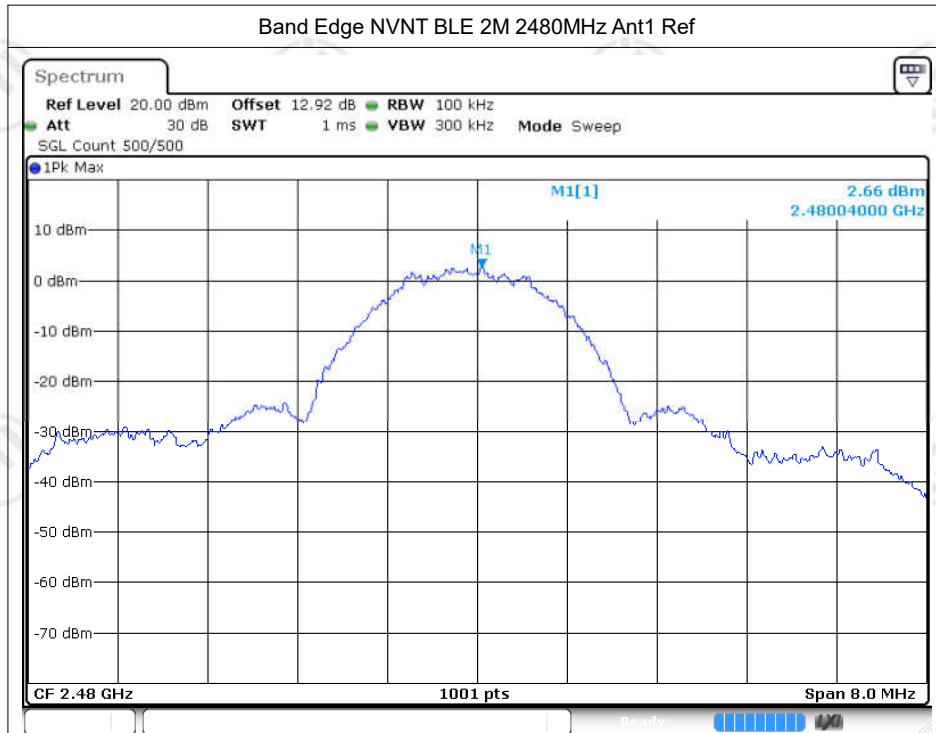
Date: 21.JUL.2023 10:21:33



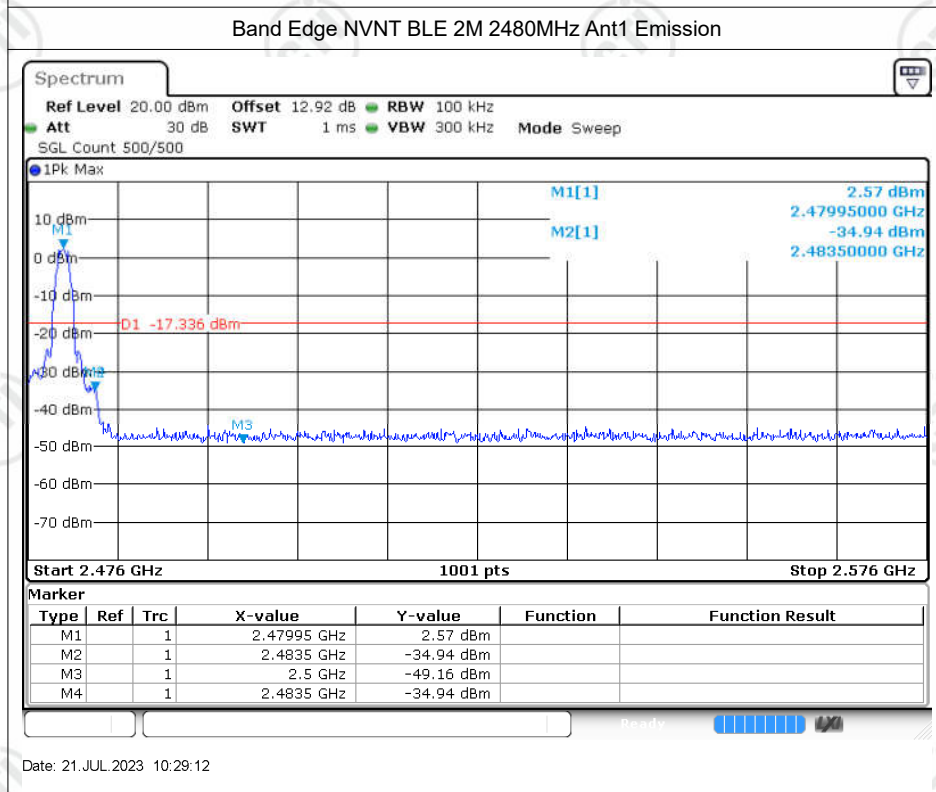
Date: 21.JUL.2023 10:25:01



Date: 21.JUL.2023 10:25:04



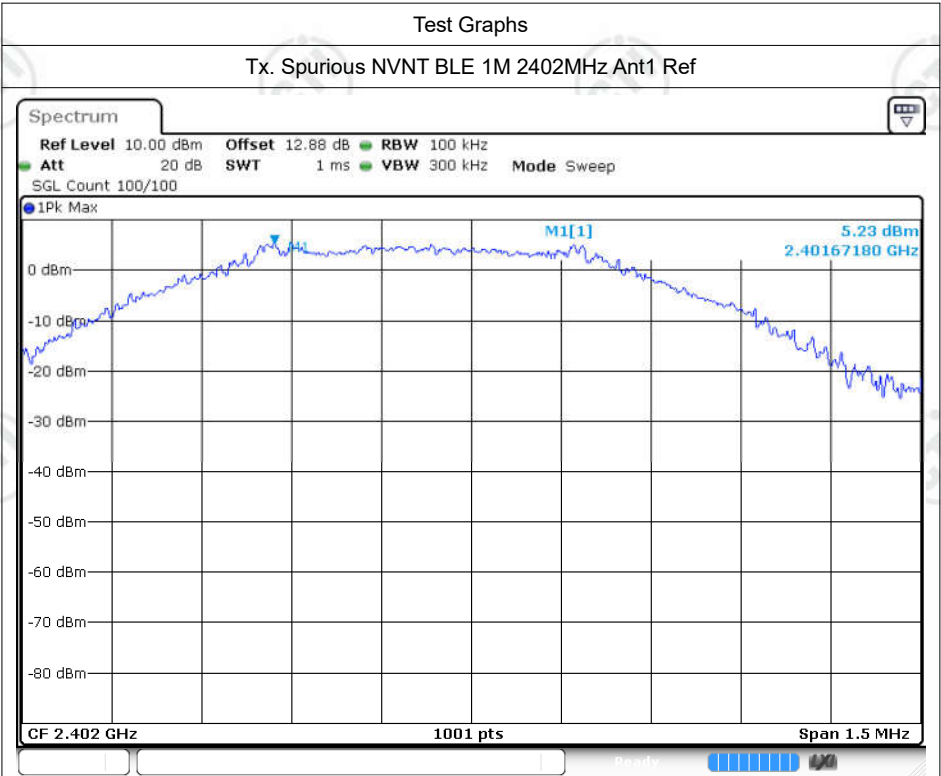
Date: 21.JUL.2023 10:29:10



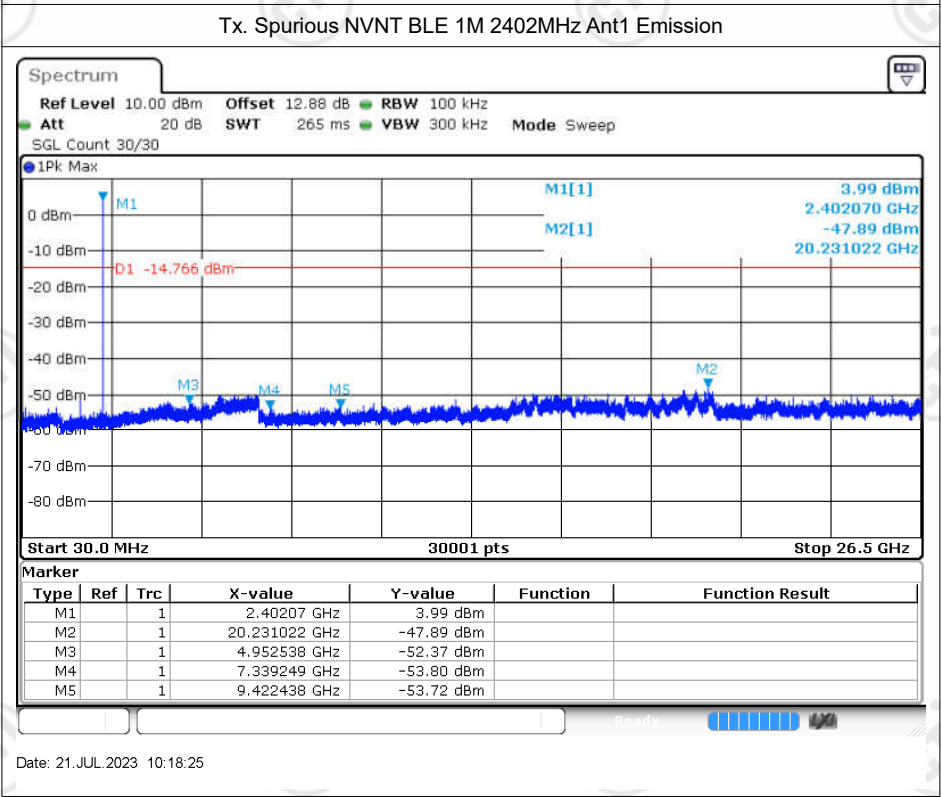
Date: 21.JUL.2023 10:29:12

Conducted RF Spurious Emission

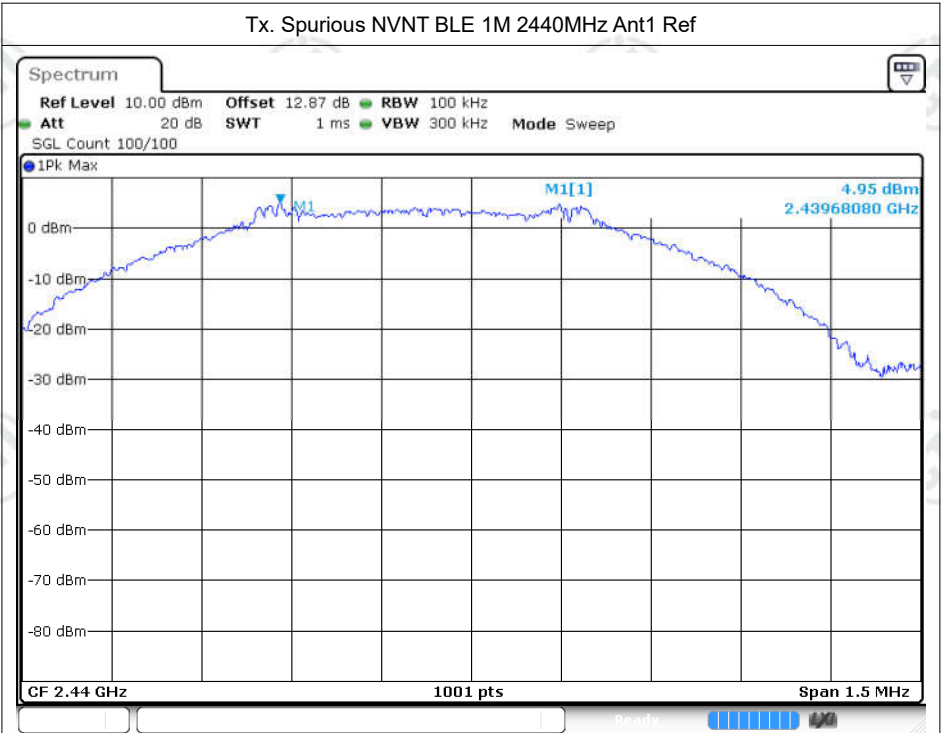
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.12	-20	Pass
NVNT	BLE 1M	2440	Ant1	-50.95	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.6	-20	Pass
NVNT	BLE 2M	2402	Ant1	-52.2	-20	Pass
NVNT	BLE 2M	2440	Ant1	-51.61	-20	Pass
NVNT	BLE 2M	2480	Ant1	-50.35	-20	Pass



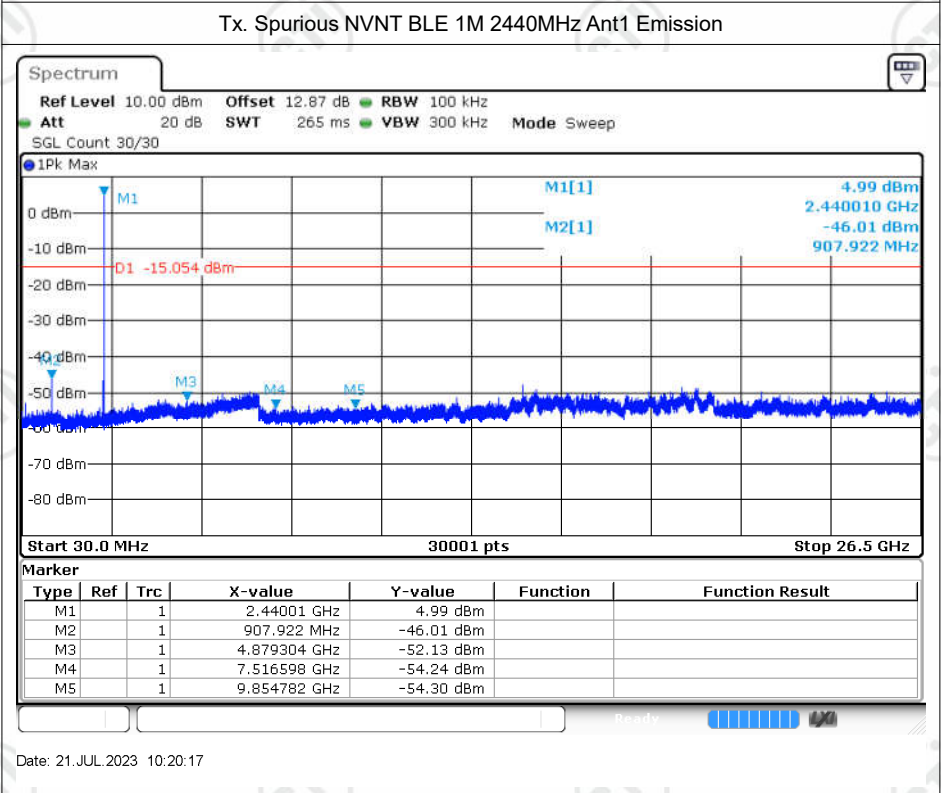
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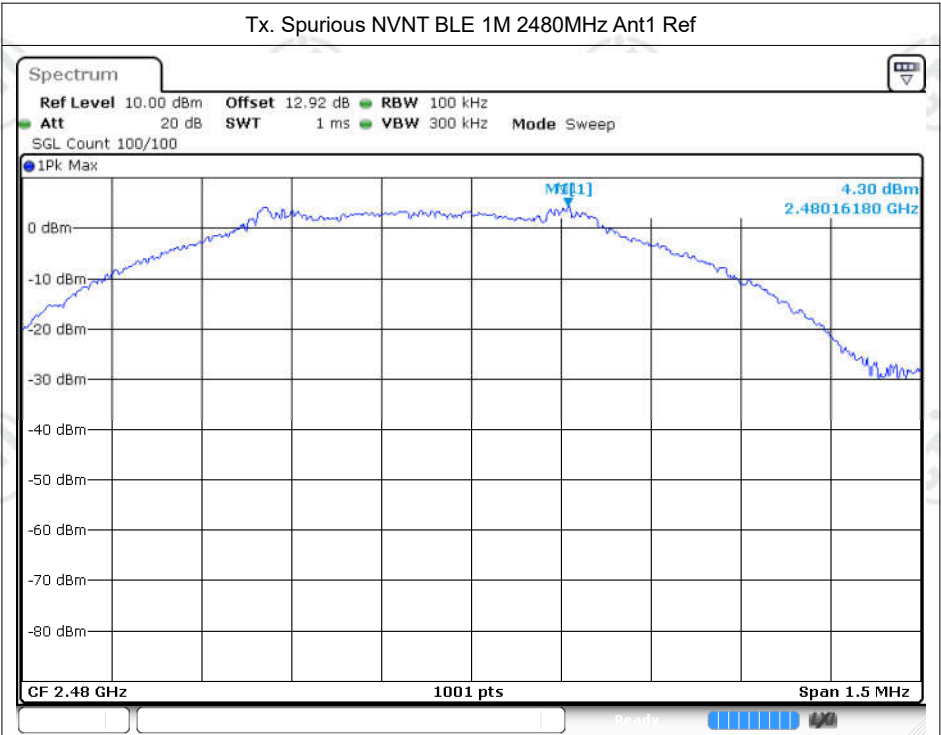
Date: 21.JUL.2023 10:18:25



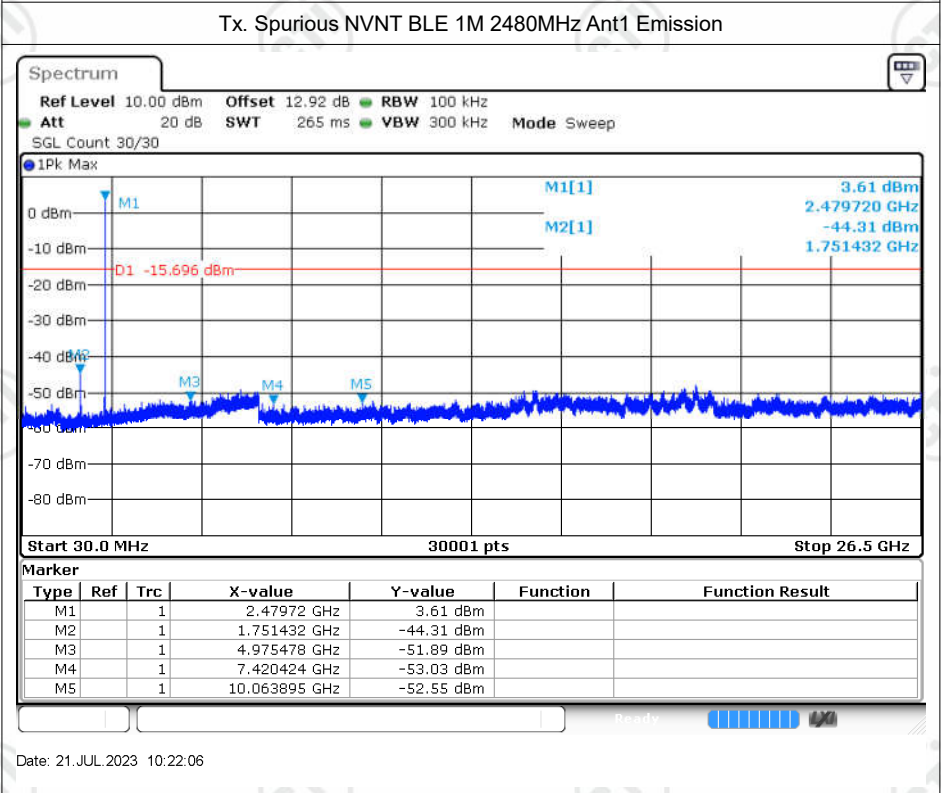
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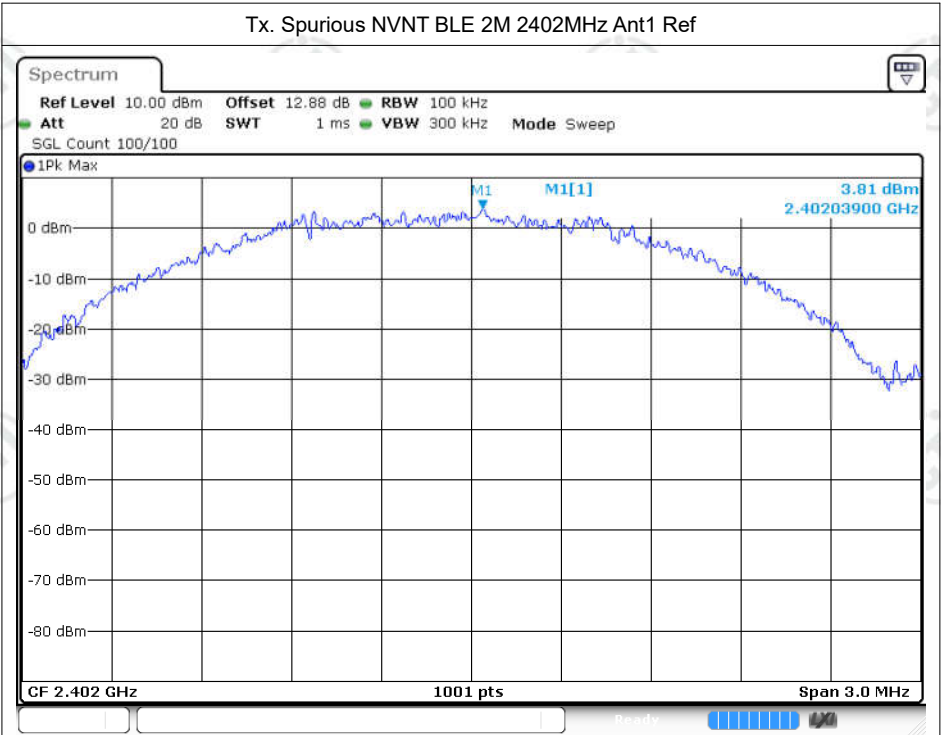


Date: 21. JUL. 2023 10:20:17

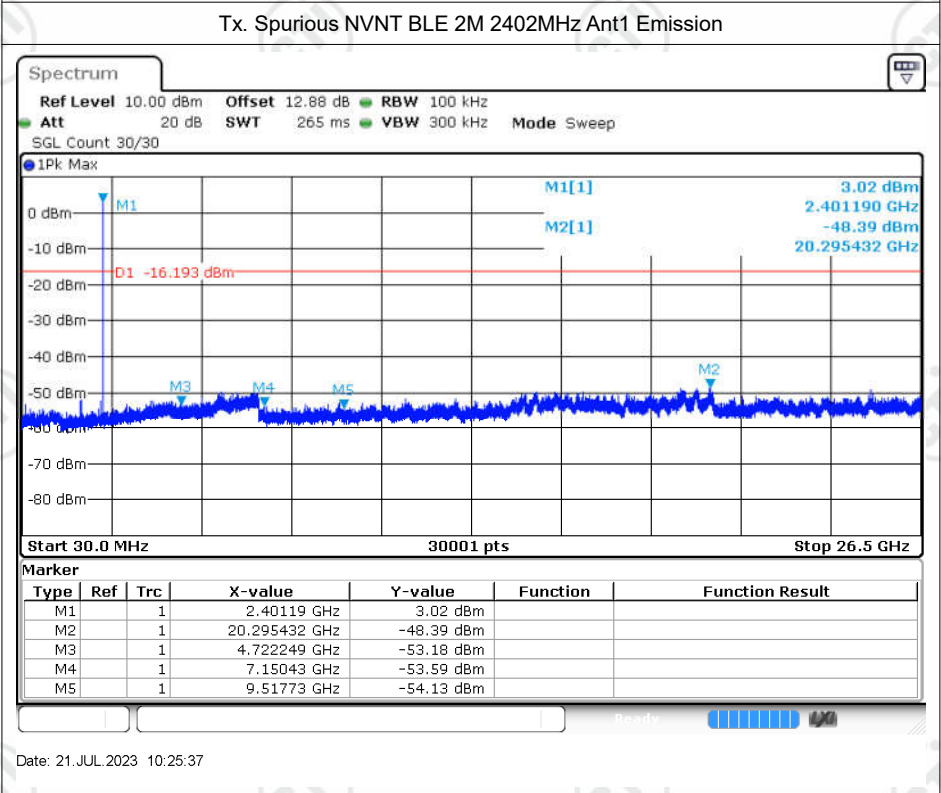


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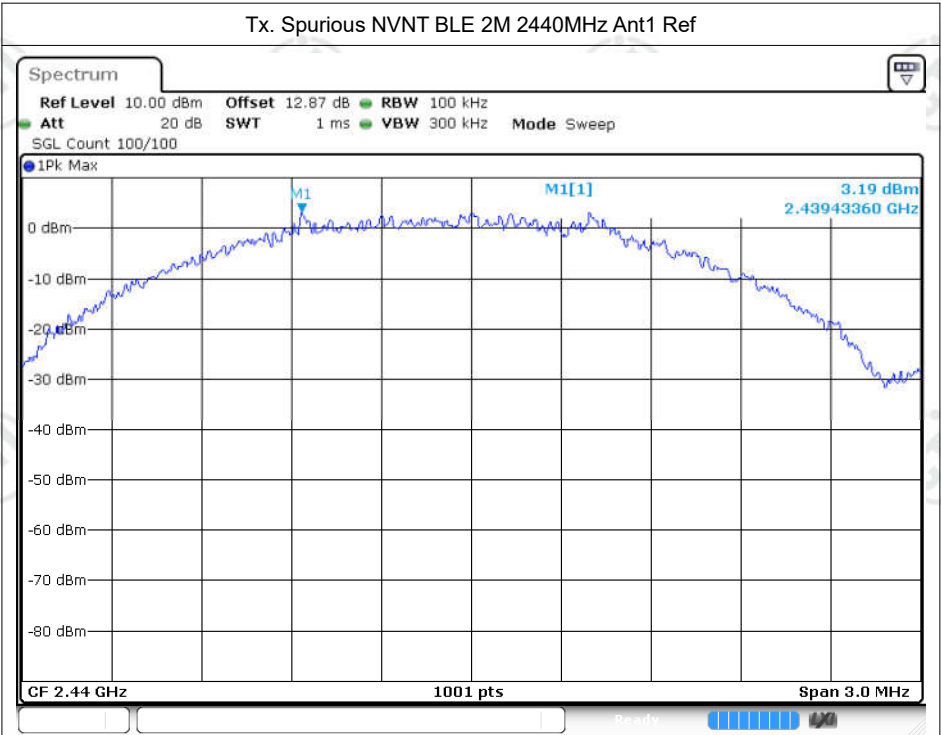




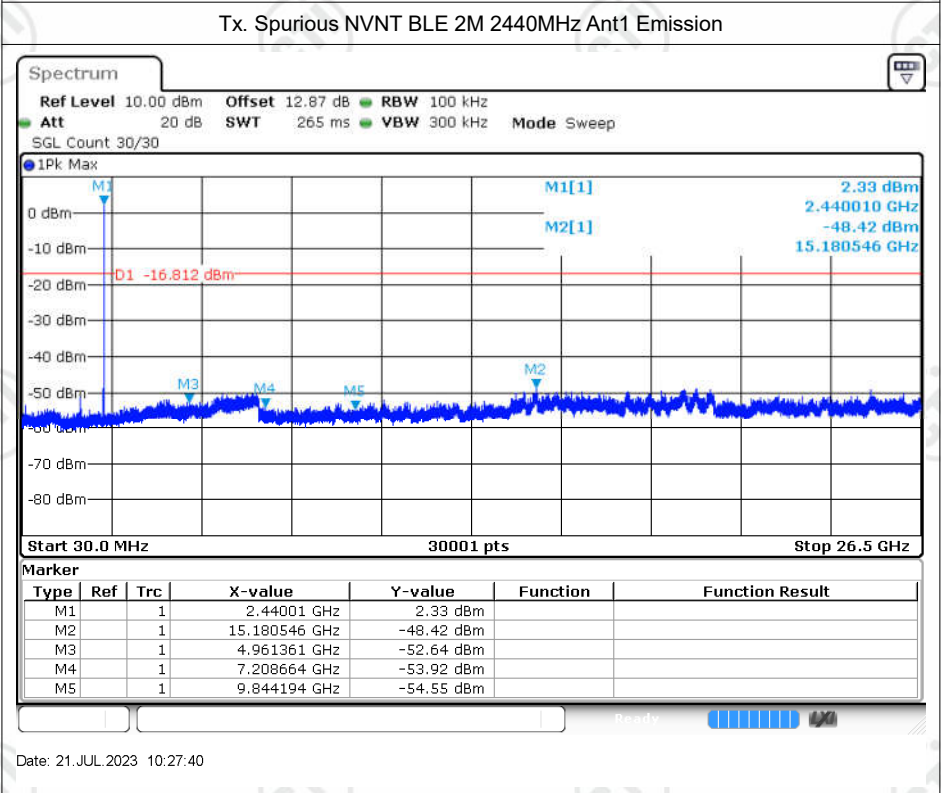
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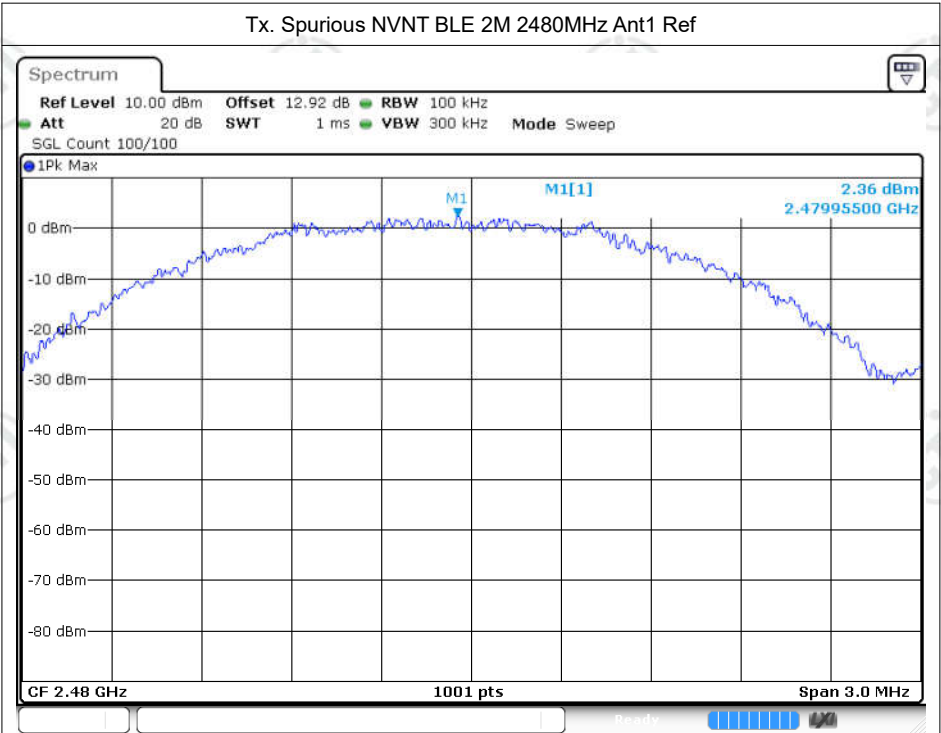


Date: 21. JUL. 2023 10:25:37

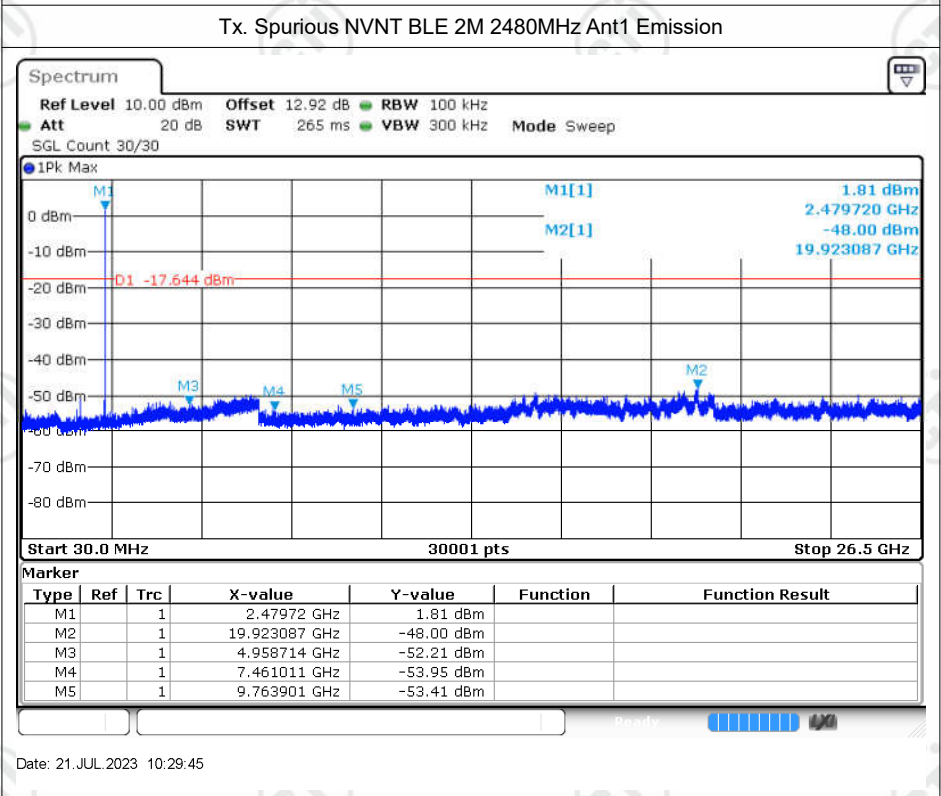


Date: 21.JUL.2023 10:27:11





Date: 21.JUL.2023 10:29:15



Date: 21.JUL.2023 10:29:45

*** End of Report ***