

Appendix: Bluetooth LE

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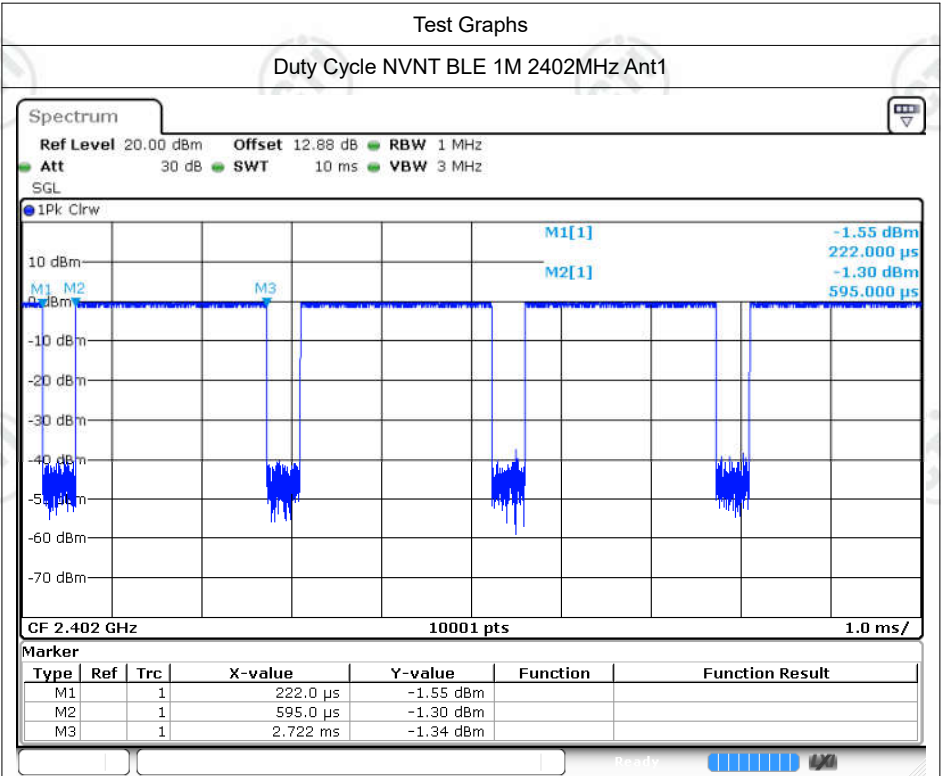
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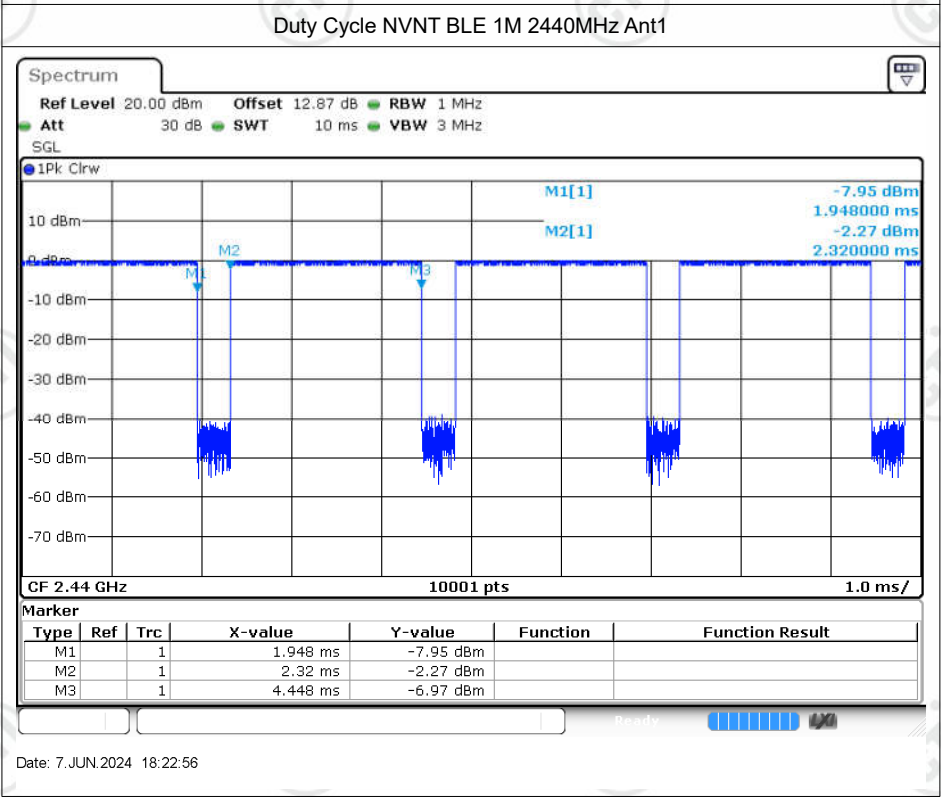
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Duty Cycle

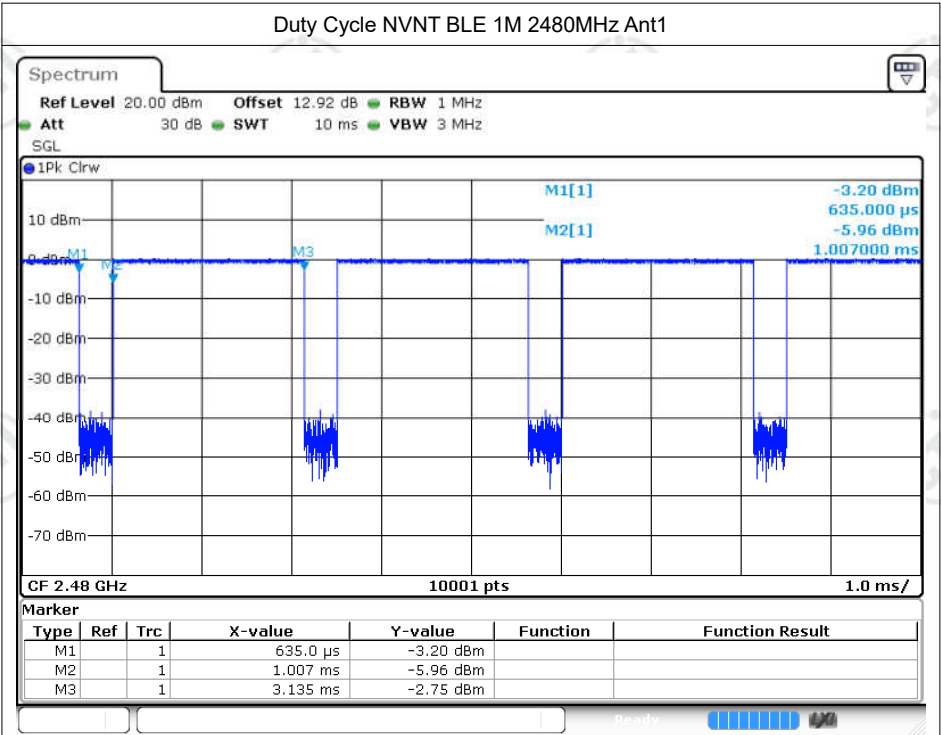
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	85.08	0.7	0.47
NVNT	BLE 1M	2440	Ant1	85.12	0.7	0.47
NVNT	BLE 1M	2480	Ant1	85.12	0.7	0.47
NVNT	BLE 2M	2402	Ant1	43.04	3.66	0.93
NVNT	BLE 2M	2440	Ant1	43.08	3.66	0.93
NVNT	BLE 2M	2480	Ant1	43.04	3.66	0.93



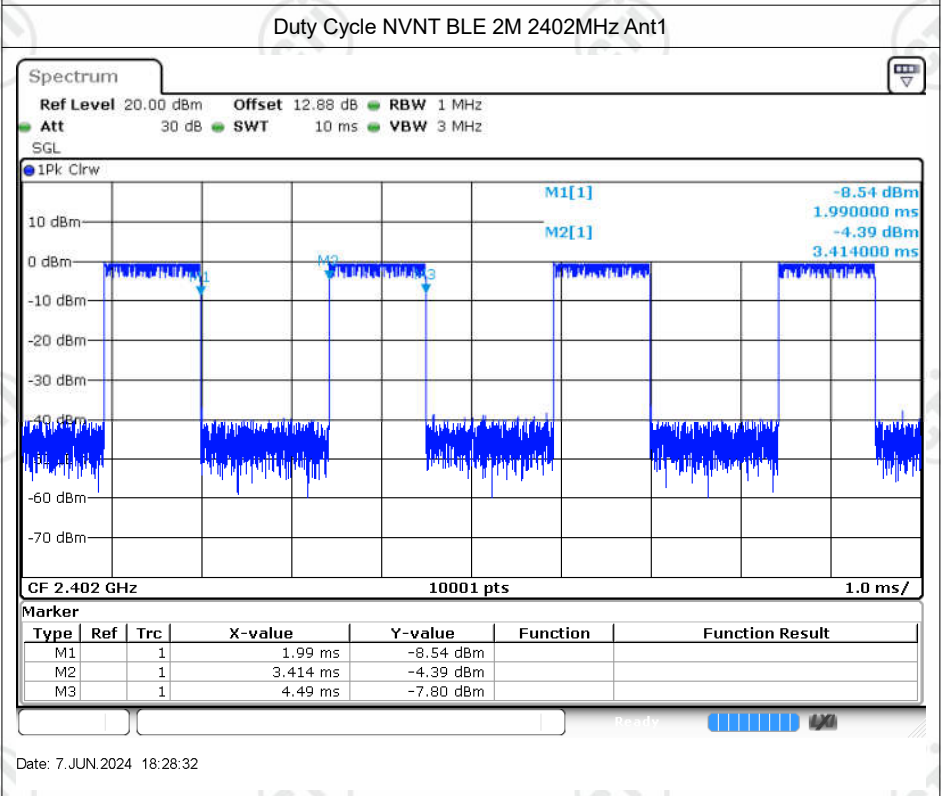
Date: 7 JUN 2024 18:21:07



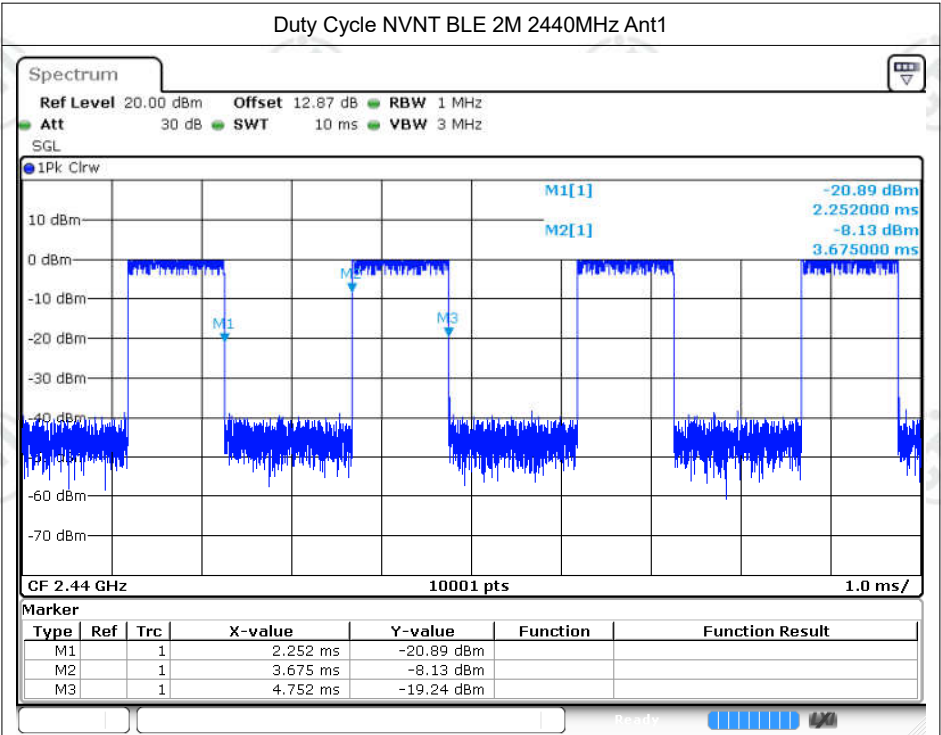
Date: 7 JUN 2024 18:22:56



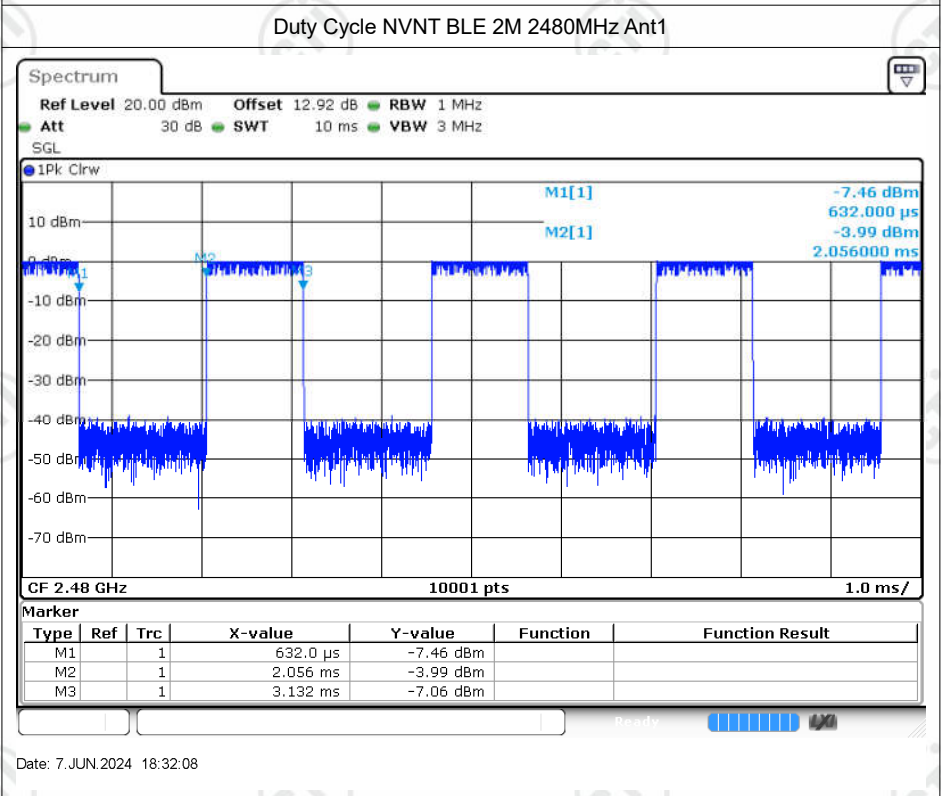
Date: 7 JUN 2024 18:25:49



Date: 7 JUN 2024 18:28:32



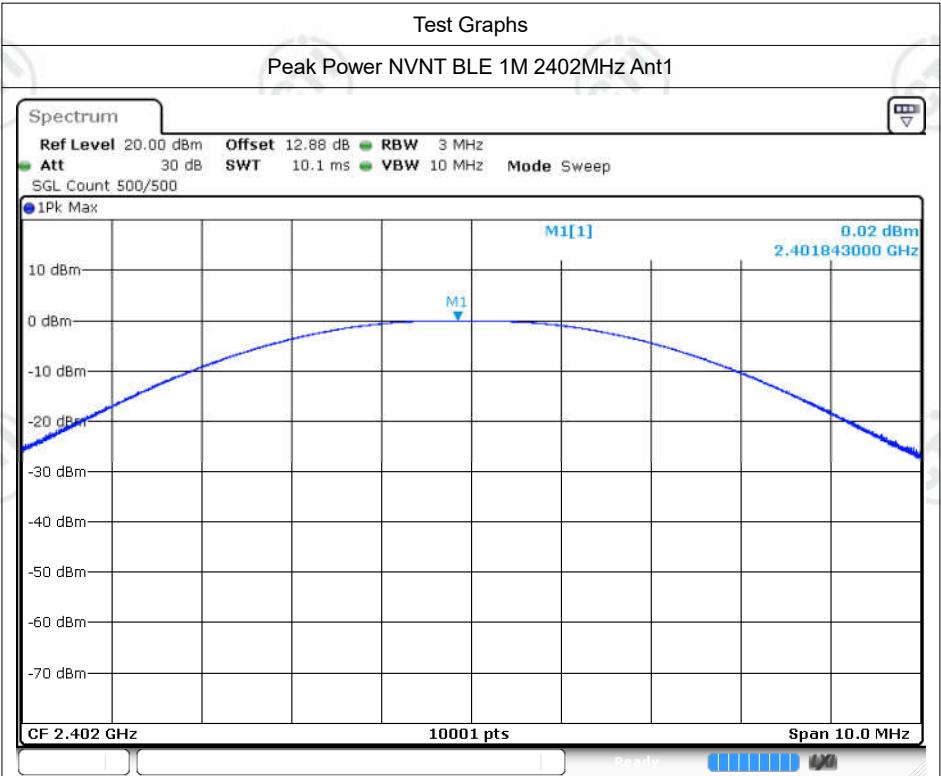
Date: 7 JUN 2024 18:30:23



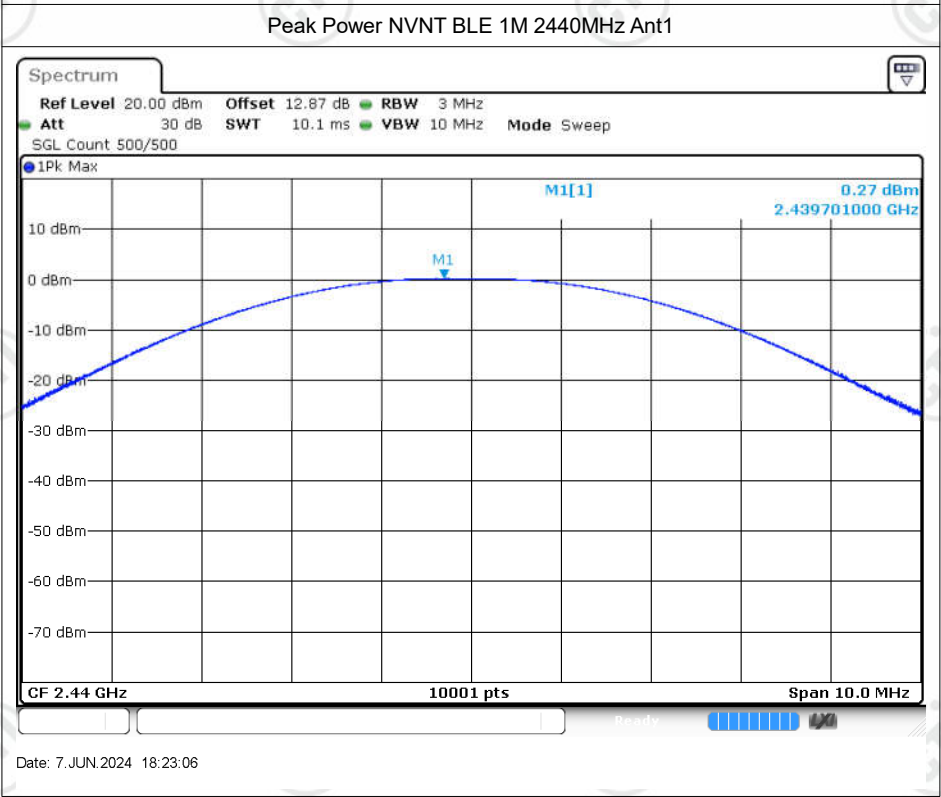
Date: 7 JUN 2024 18:32:08

Maximum Peak Conducted Output Power

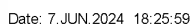
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.02	30	Pass
NVNT	BLE 1M	2440	Ant1	0.27	30	Pass
NVNT	BLE 1M	2480	Ant1	0.54	30	Pass
NVNT	BLE 2M	2402	Ant1	0.09	30	Pass
NVNT	BLE 2M	2440	Ant1	0.37	30	Pass
NVNT	BLE 2M	2480	Ant1	0.7	30	Pass

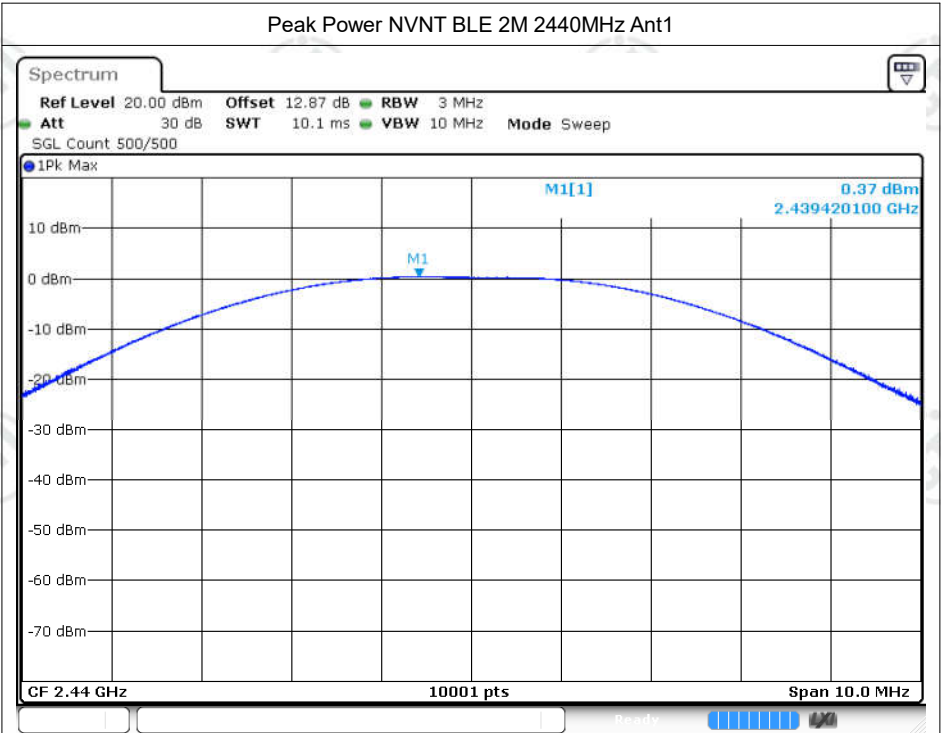


Date: 7.JUN.2024 18:21:17

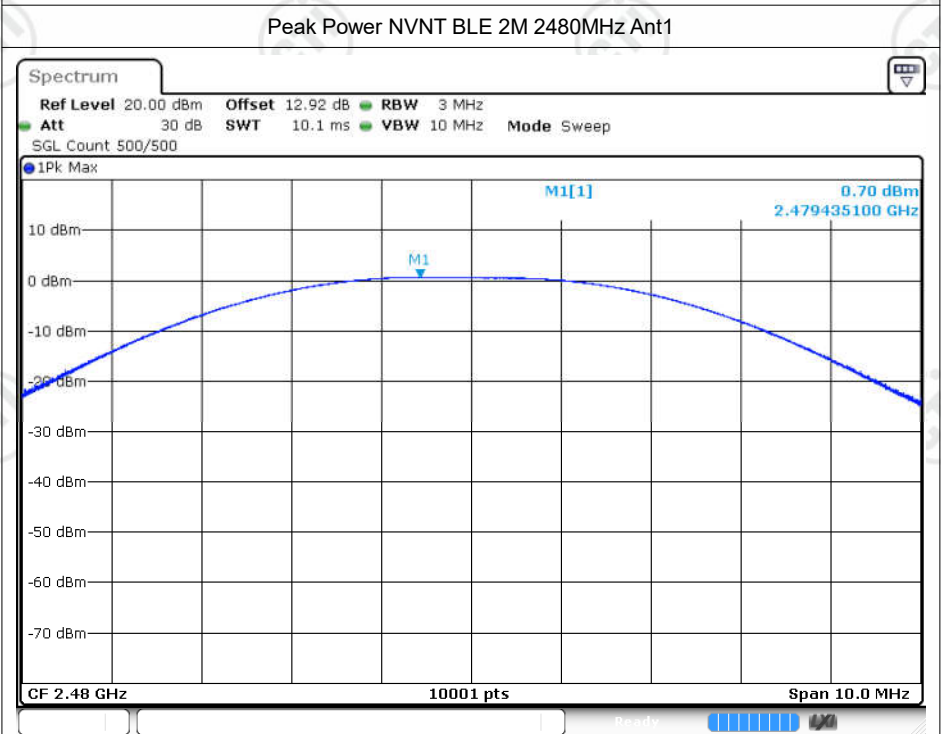


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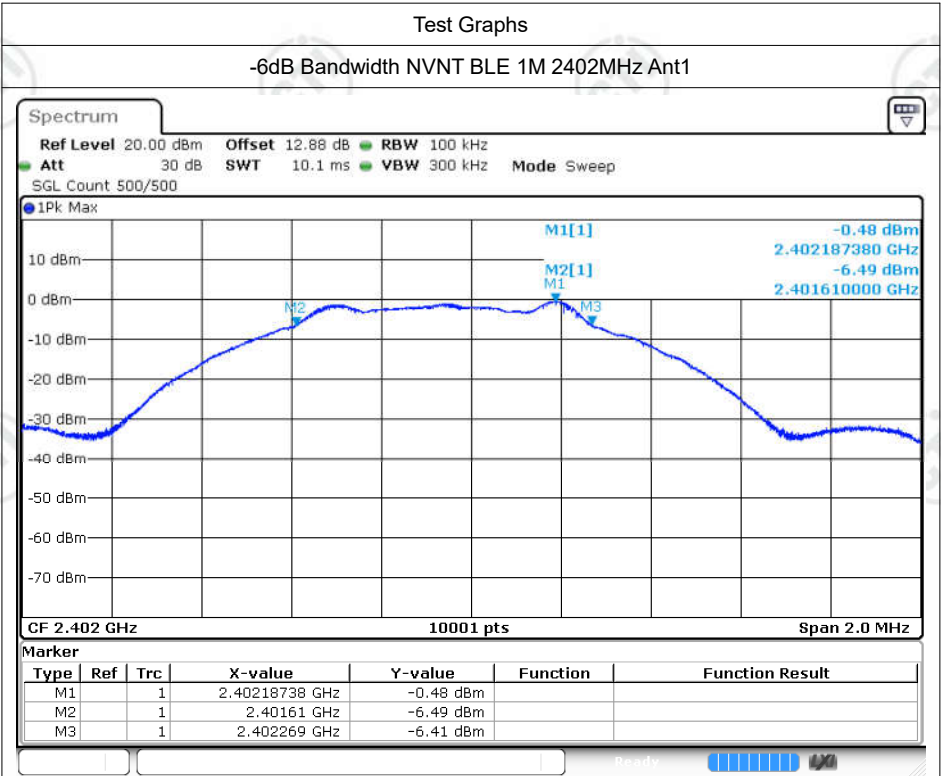
Date: 7 JUN 2024 18:30:33



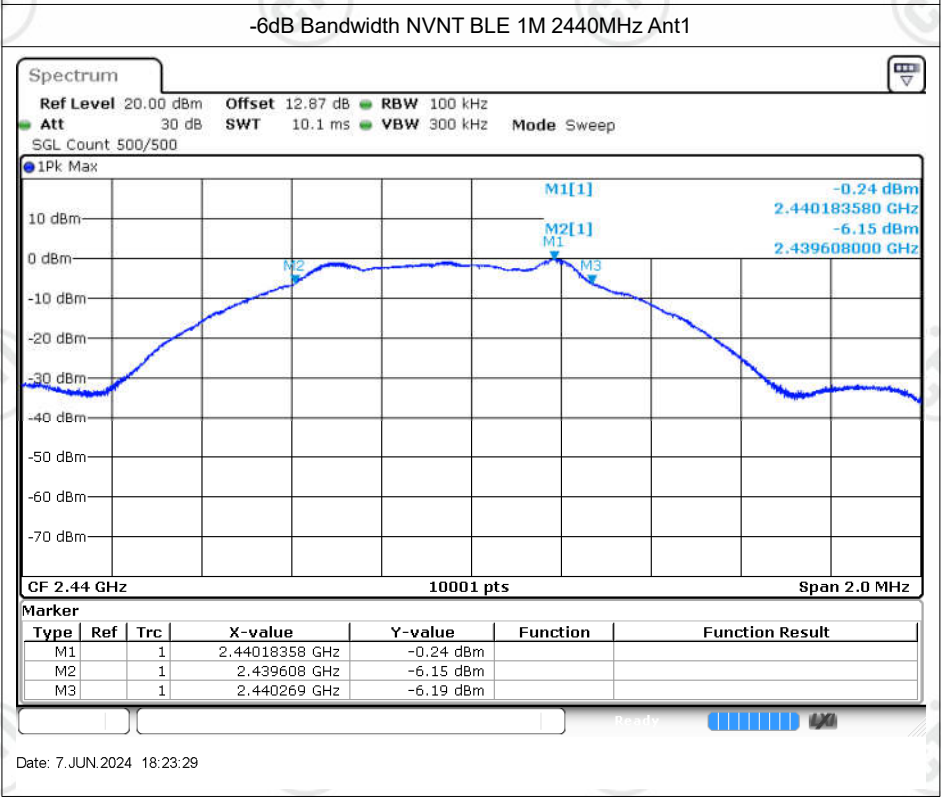
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-6dB Bandwidth

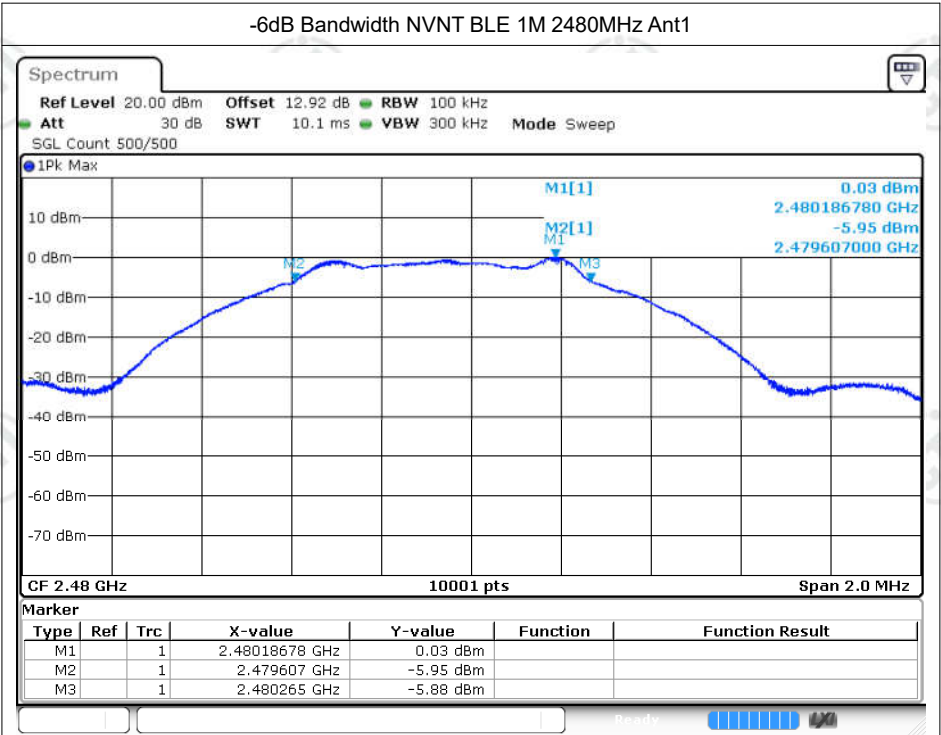
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.659	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.661	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.658	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.165	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.166	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.166	0.5	Pass



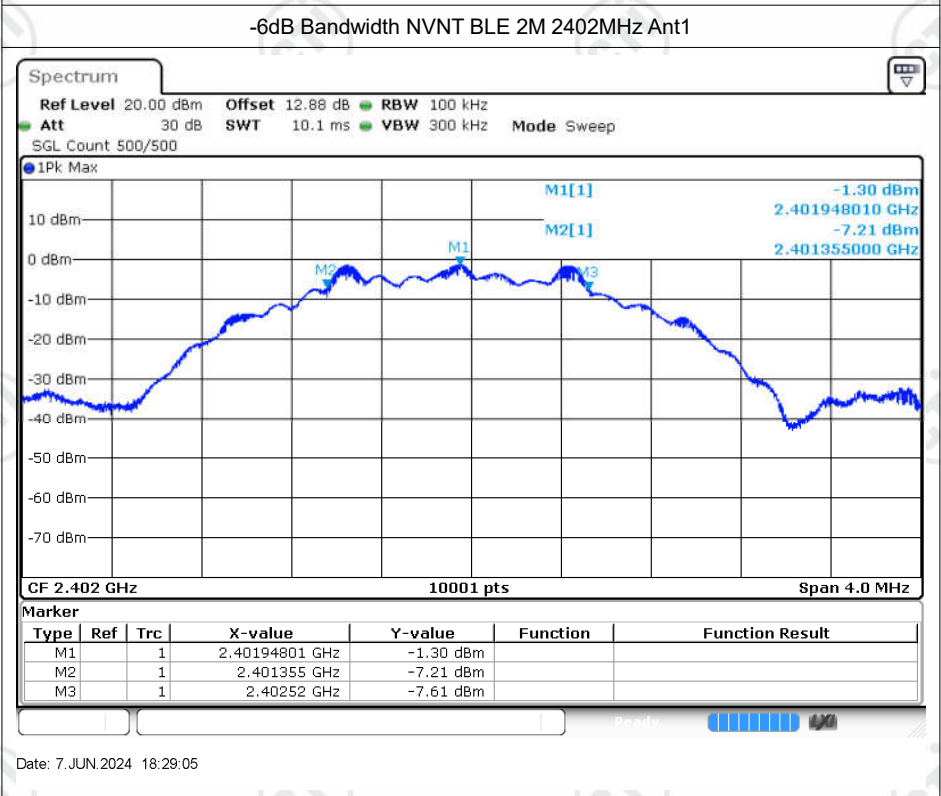
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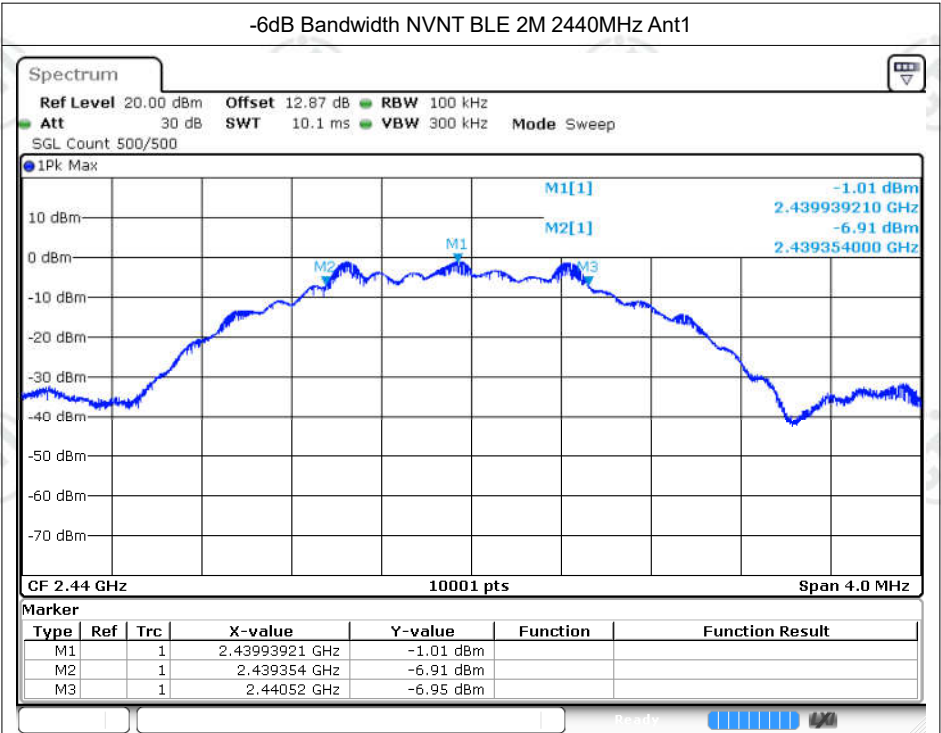
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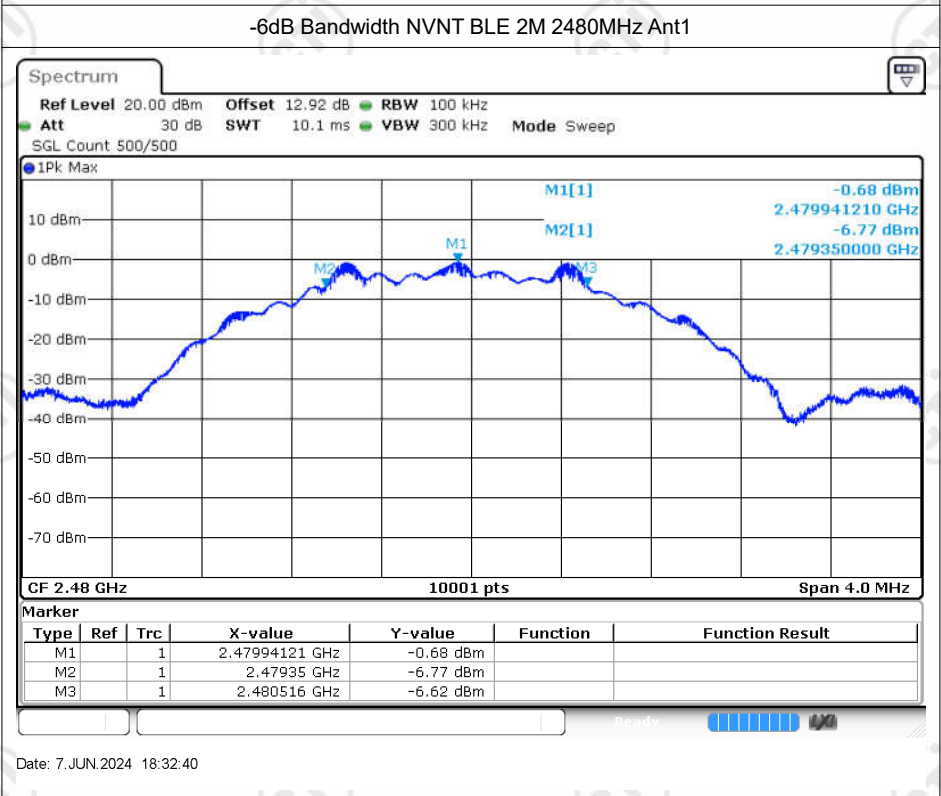
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Date: 7 JUN 2024 18:29:05



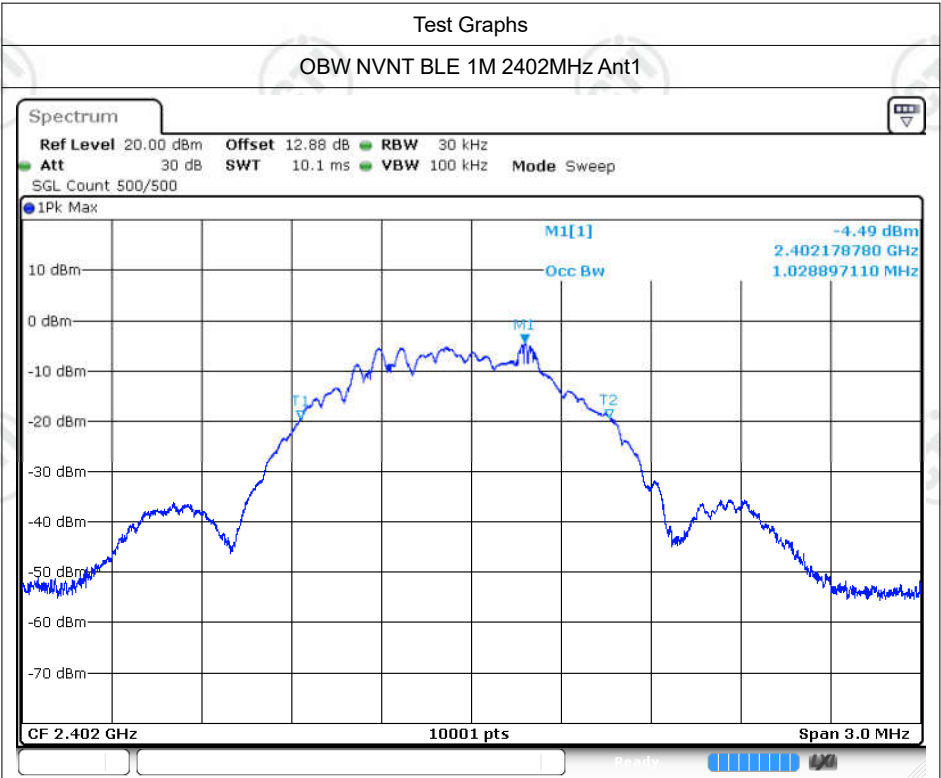
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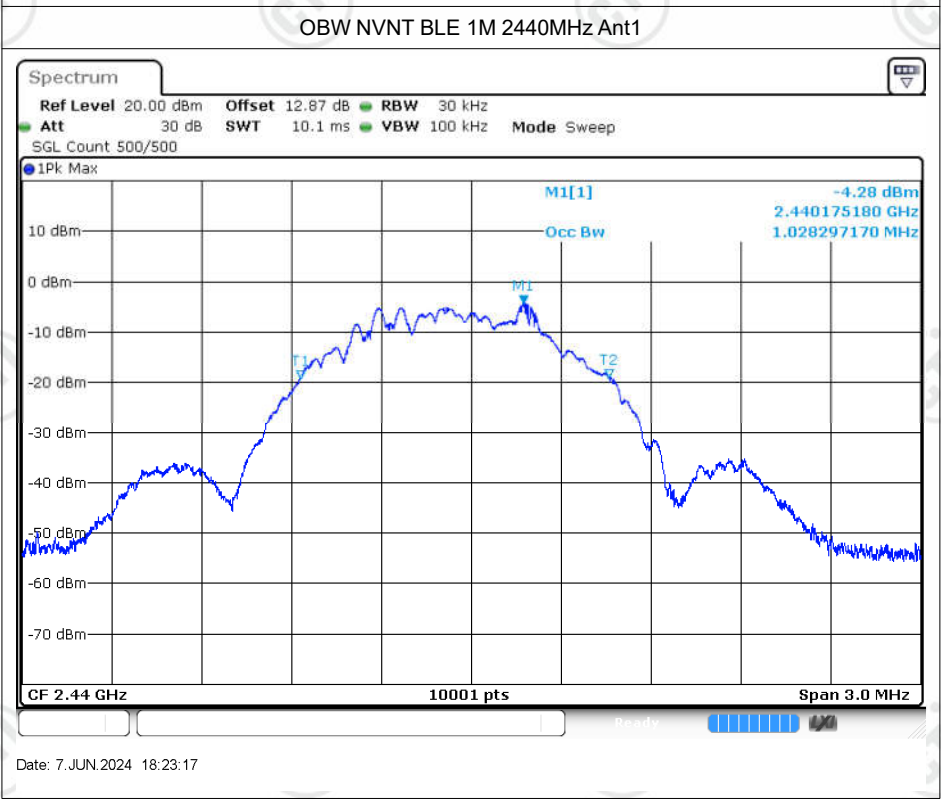
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Occupied Channel Bandwidth

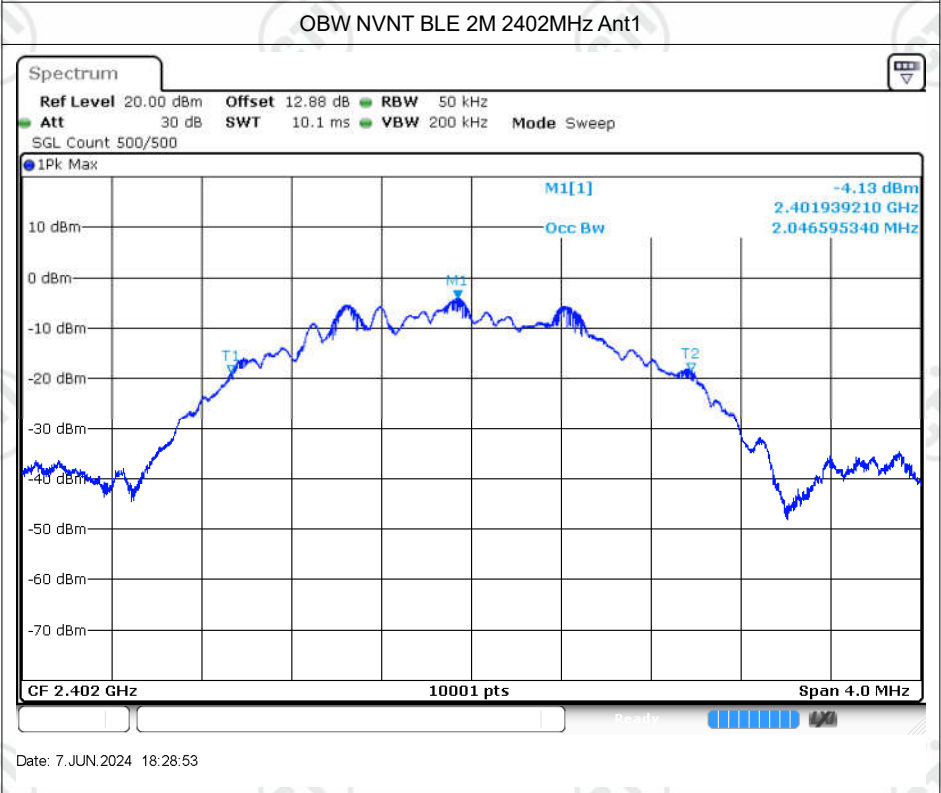
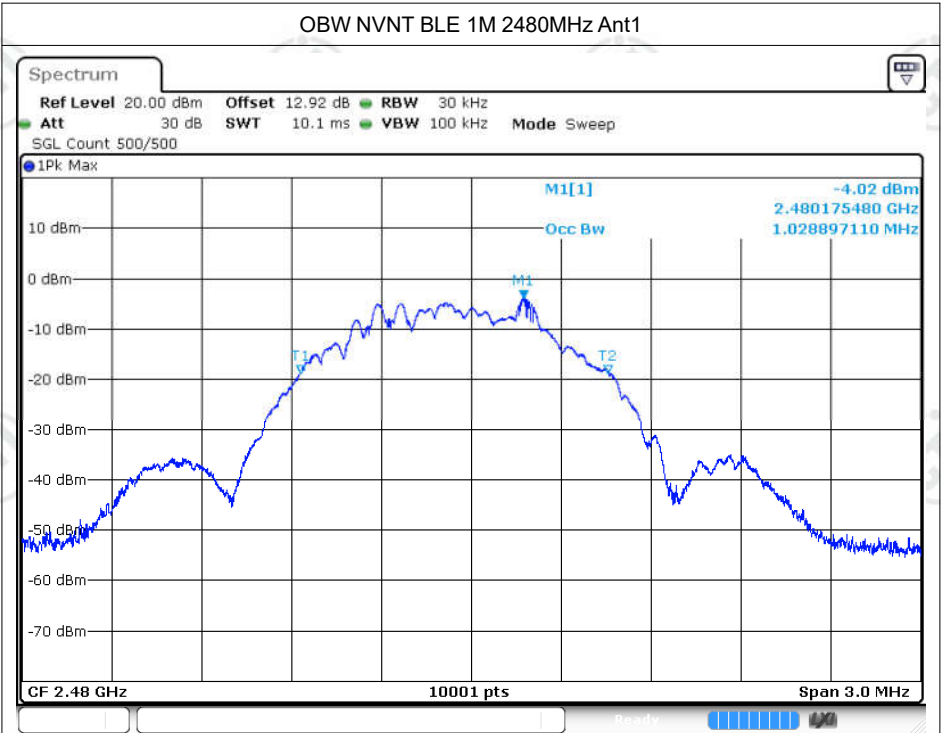
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.029
NVNT	BLE 1M	2440	Ant1	1.028
NVNT	BLE 1M	2480	Ant1	1.029
NVNT	BLE 2M	2402	Ant1	2.047
NVNT	BLE 2M	2440	Ant1	2.045
NVNT	BLE 2M	2480	Ant1	2.047

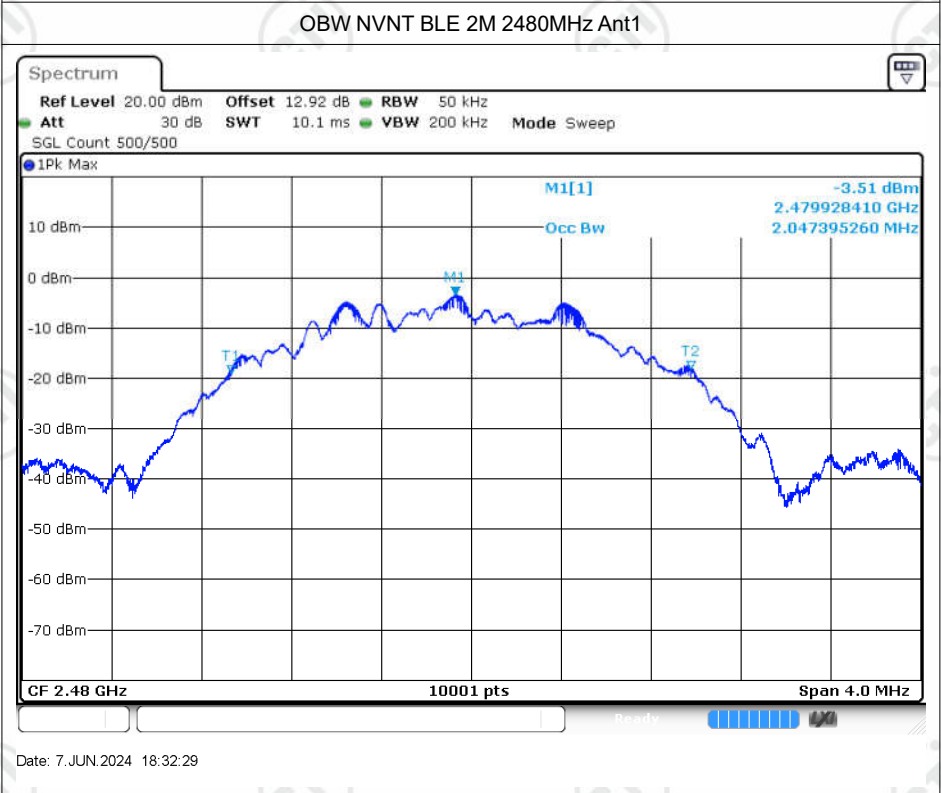
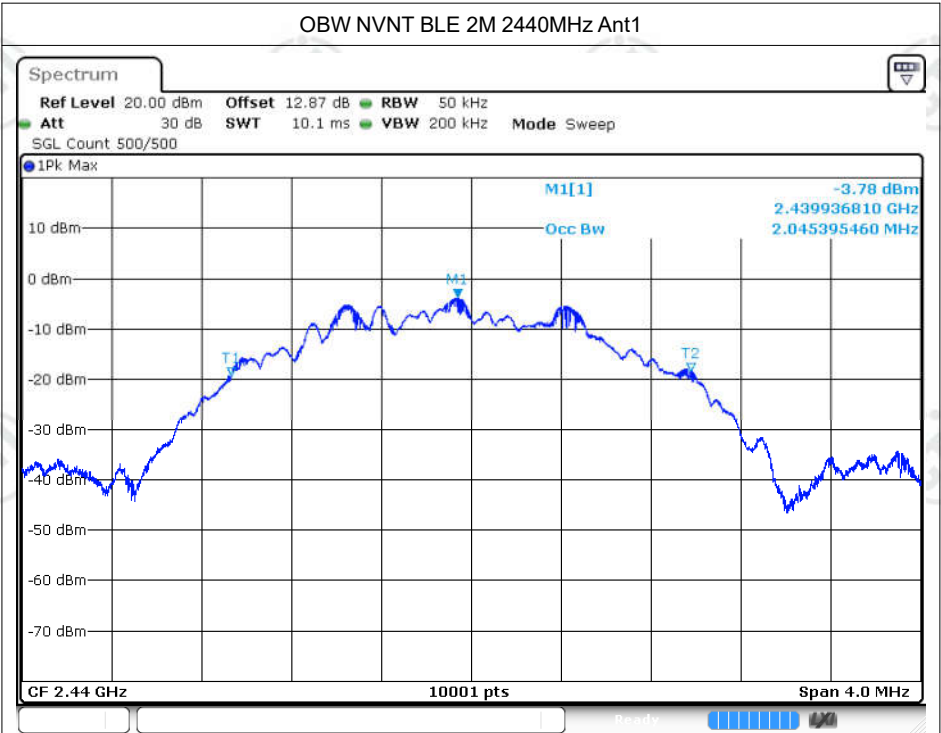


Date: 7.JUN.2024 18:21:28



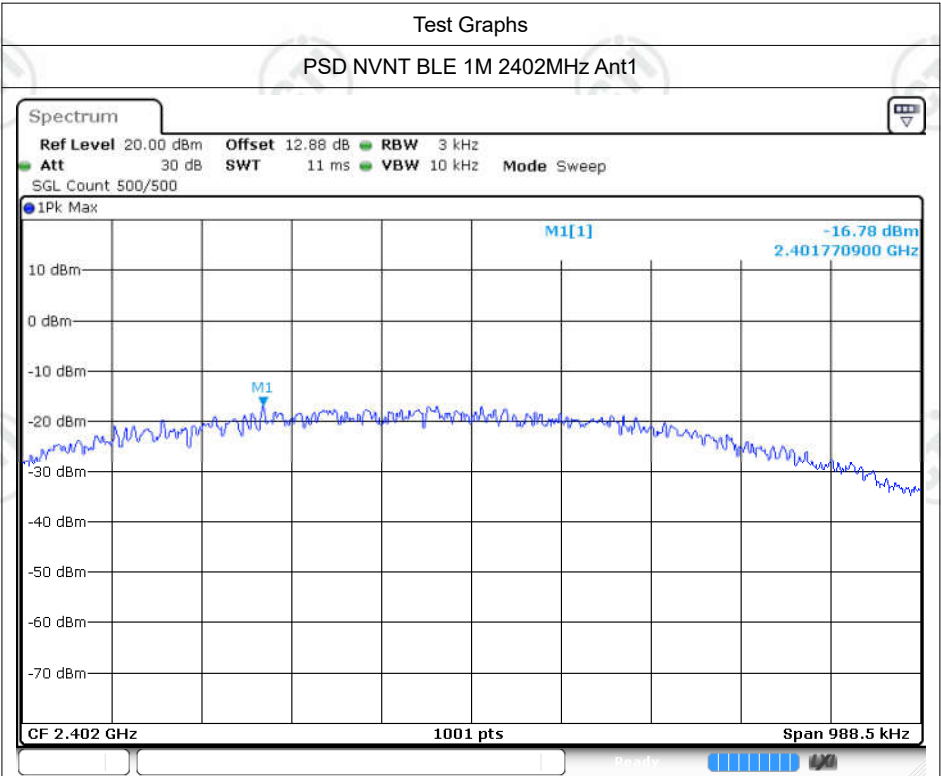
Date: 7.JUN.2024 18:23:17



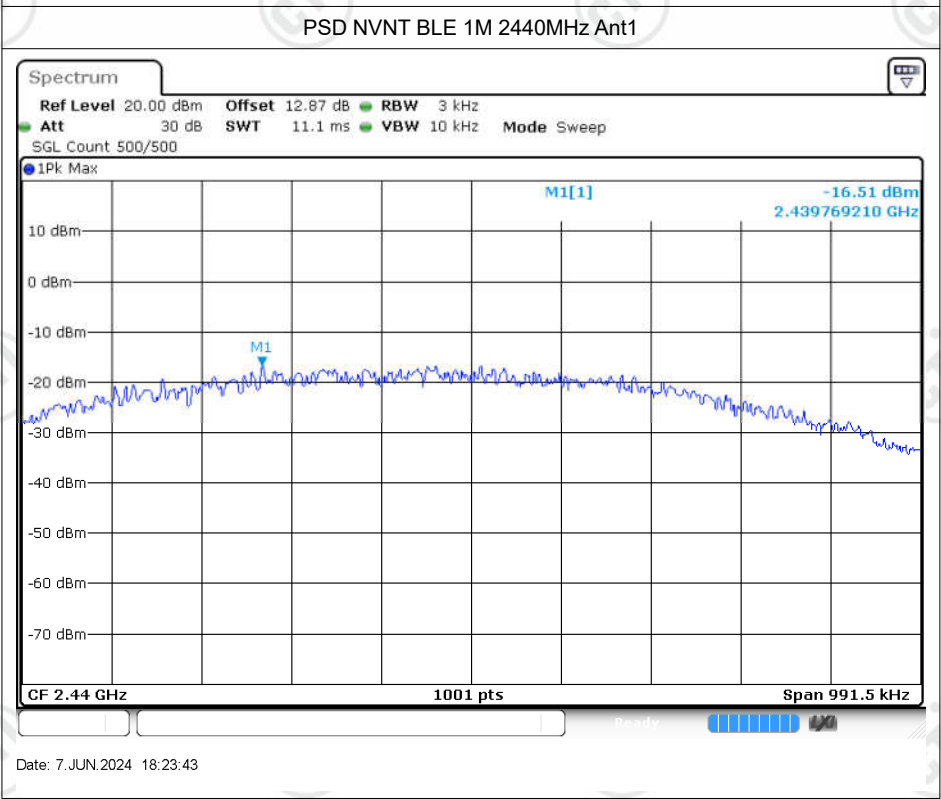


Maximum Power Spectral Density Level

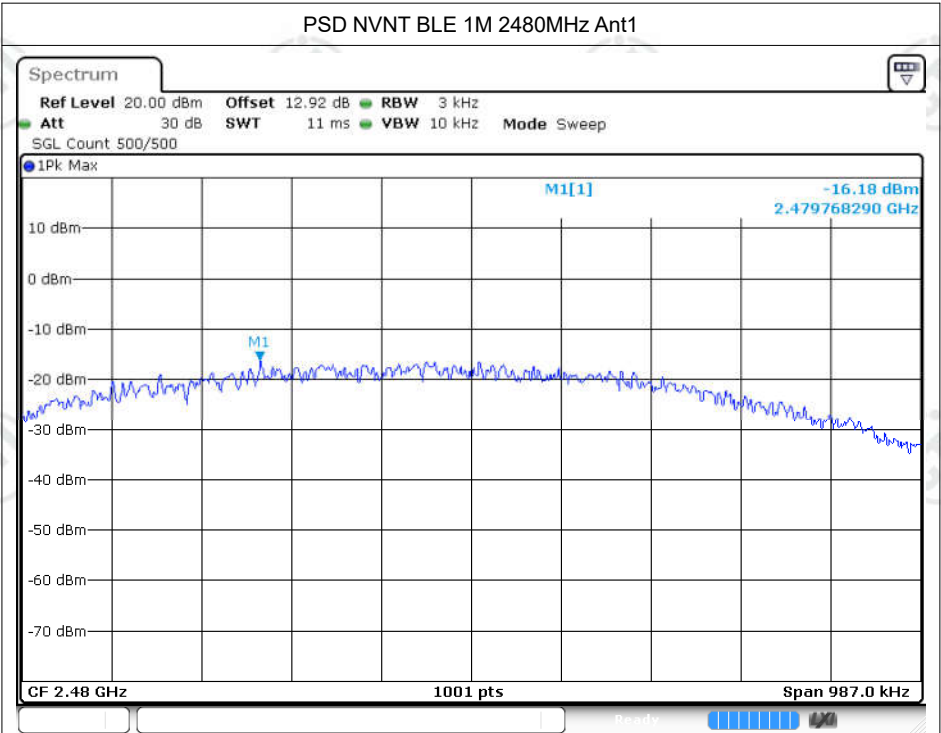
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.78	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.51	8	Pass
NVNT	BLE 1M	2480	Ant1	-16.18	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.87	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.59	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.18	8	Pass



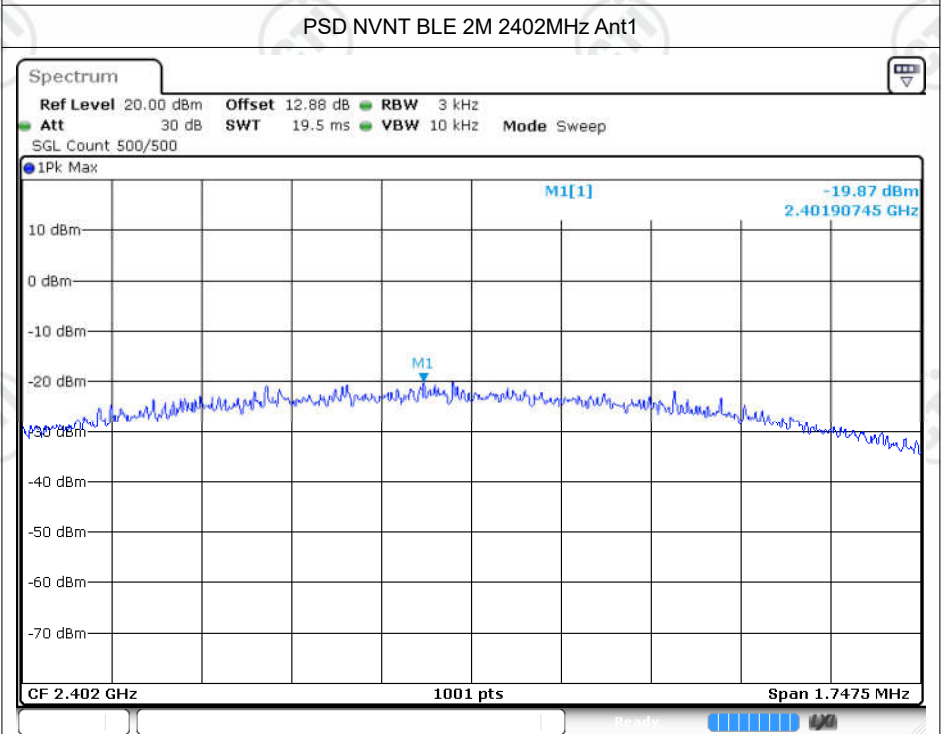
Date: 7.JUN.2024 18:21:53



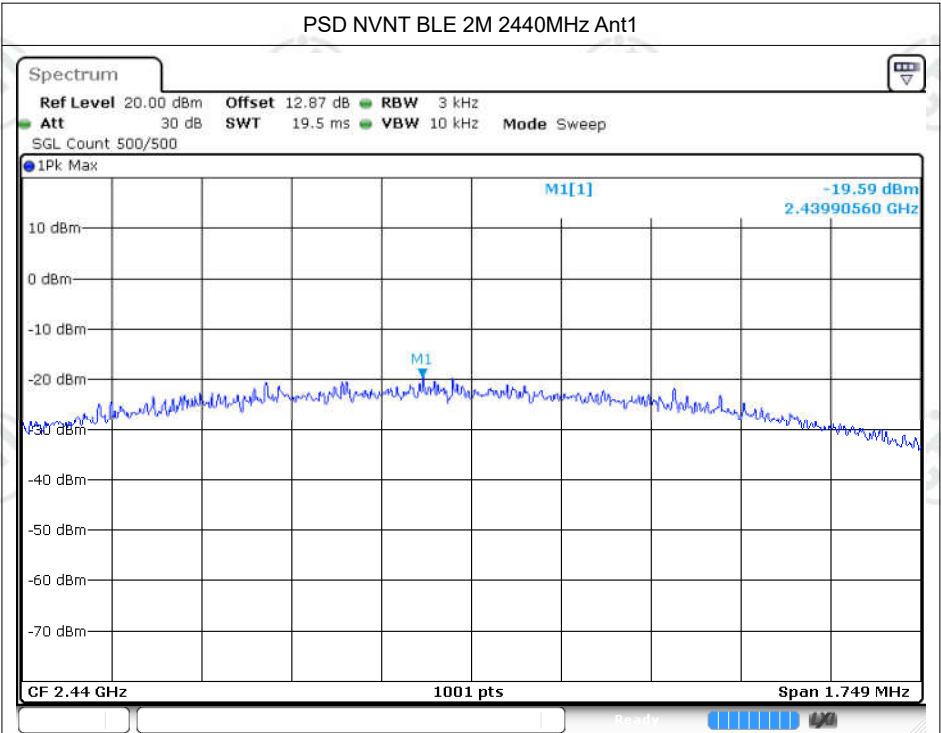
Date: 7.JUN.2024 18:23:43



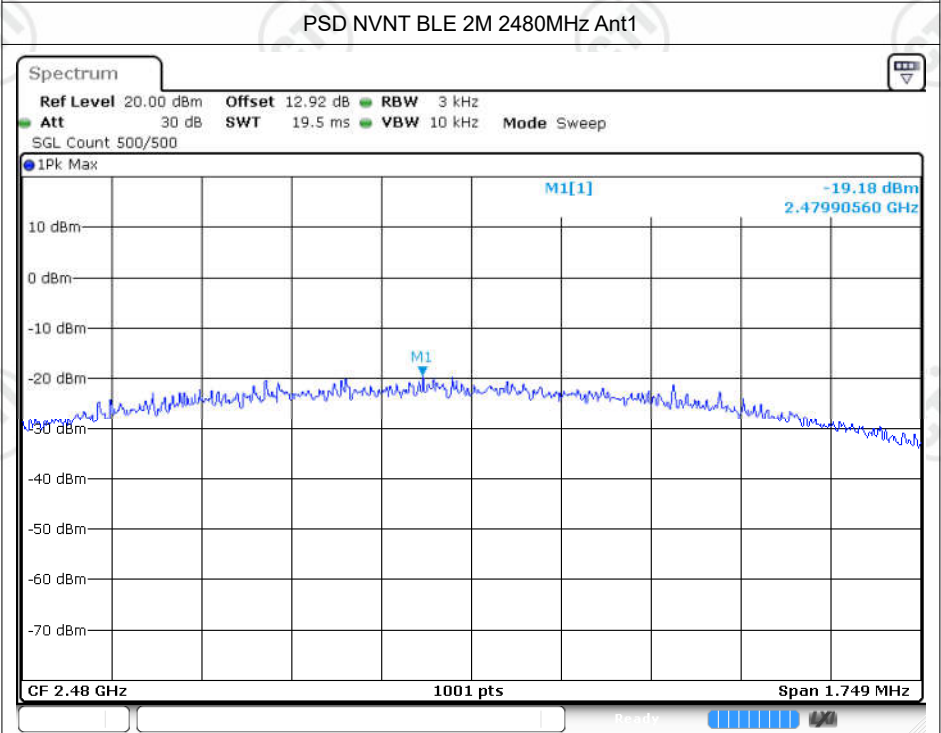
Date: 7 JUN 2024 18:26:35



Date: 7 JUN 2024 18:29:26



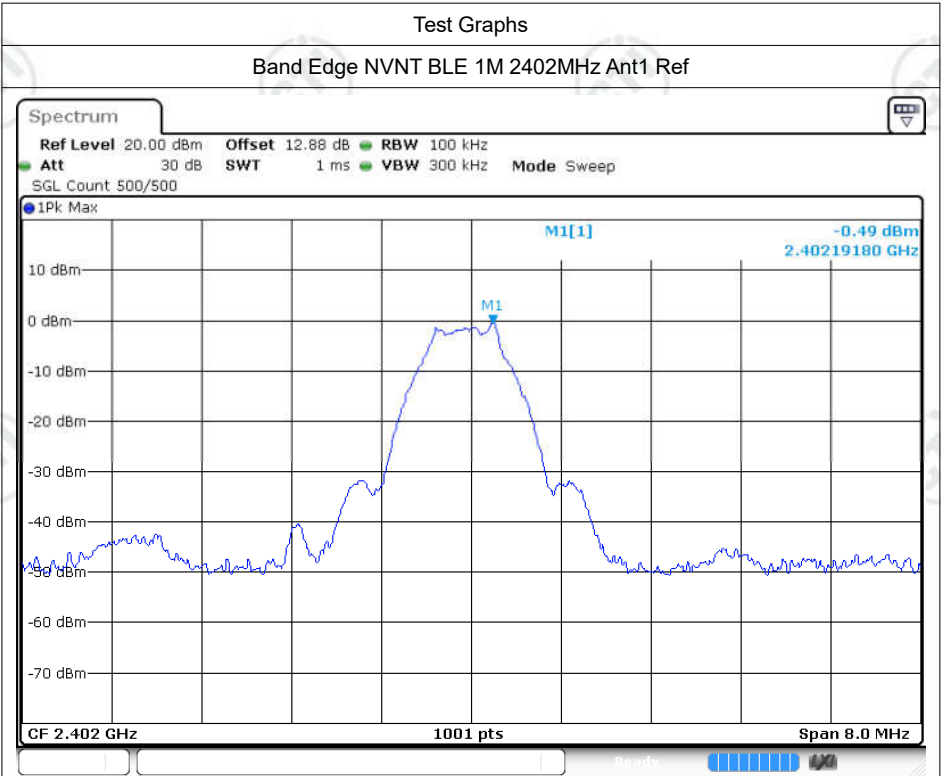
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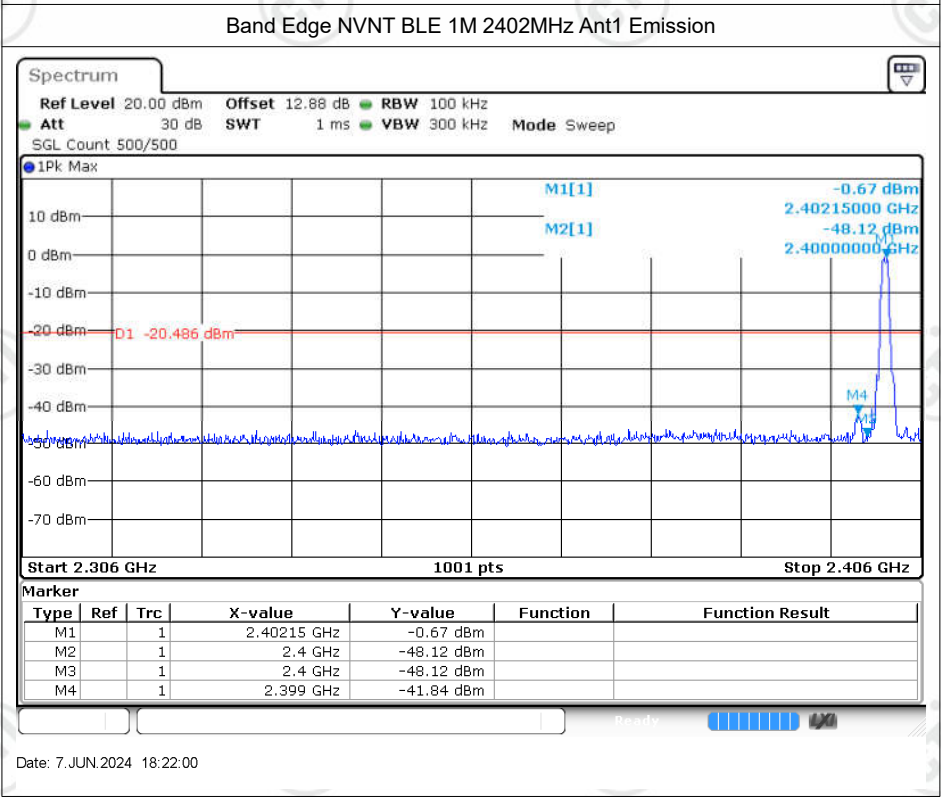
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Band Edge

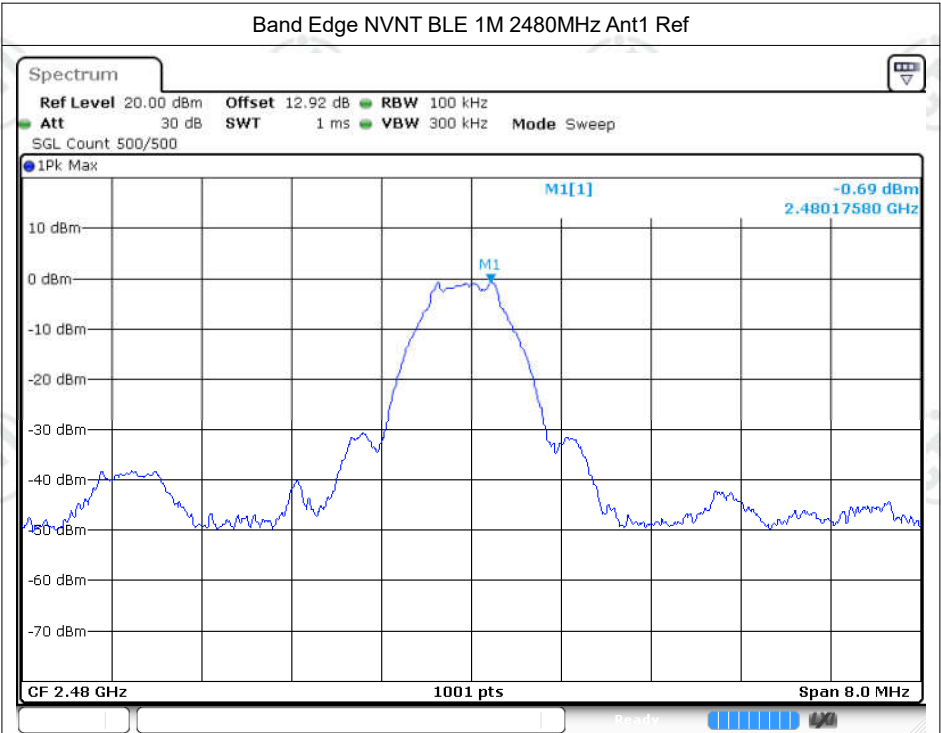
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-41.34	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.45	-20	Pass
NVNT	BLE 2M	2402	Ant1	-32.37	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.35	-20	Pass



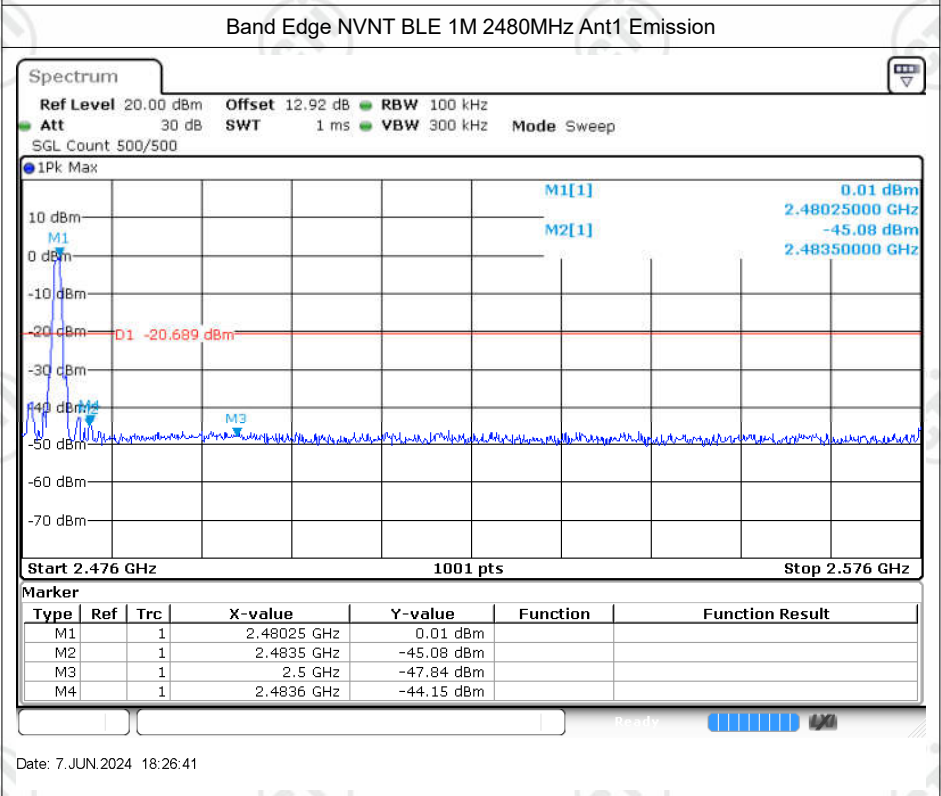
Date: 7 JUN 2024 18:21:57



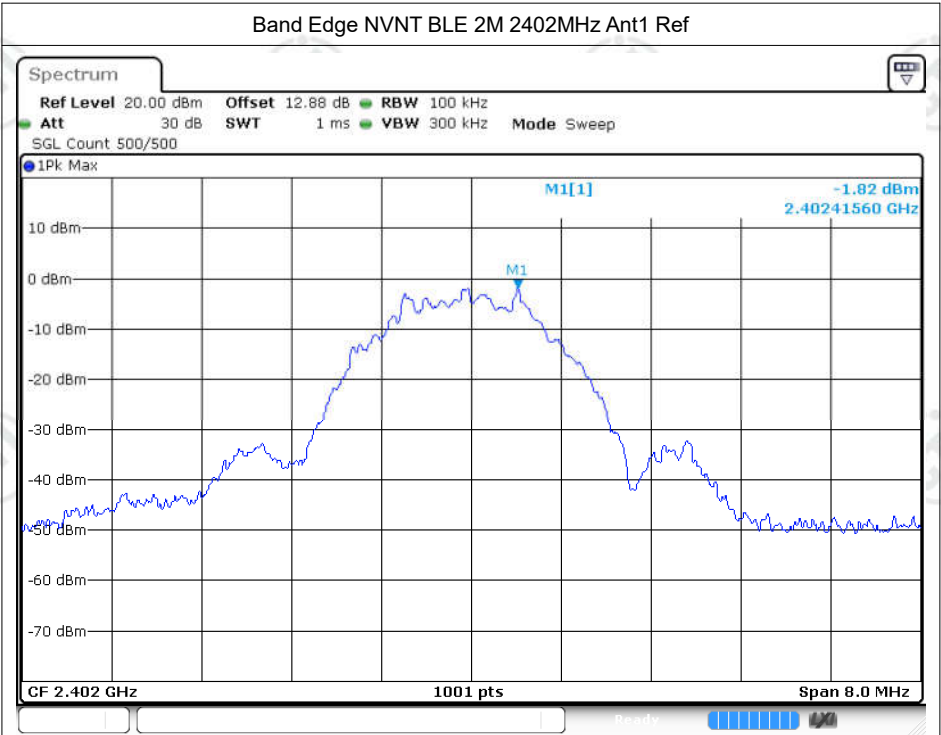
Date: 7 JUN 2024 18:22:00



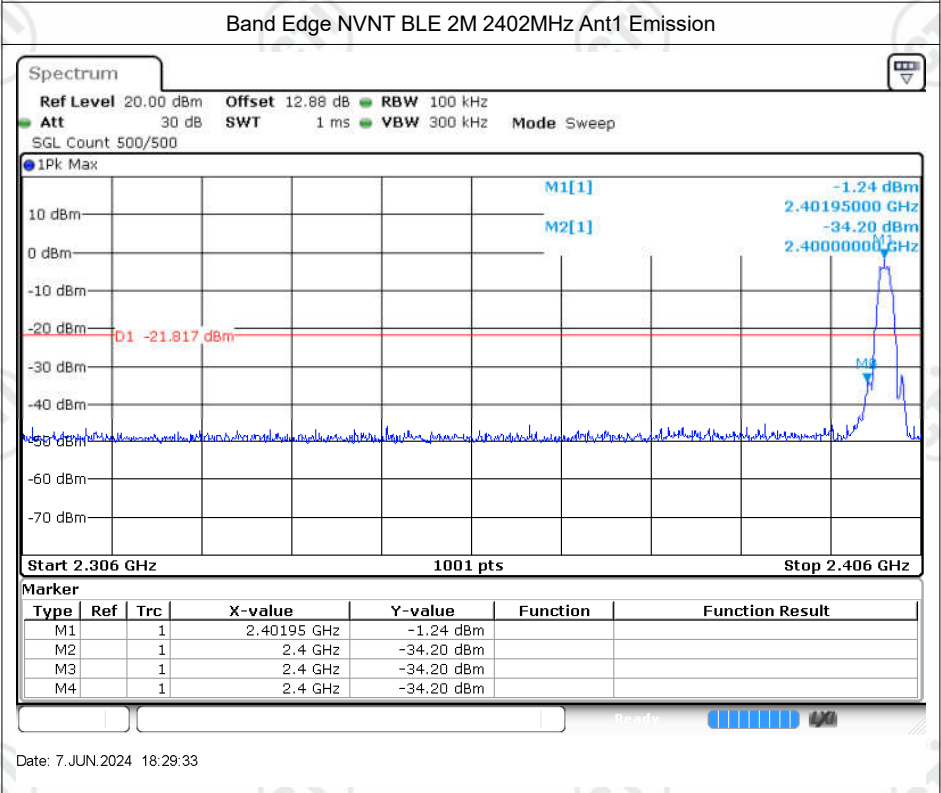
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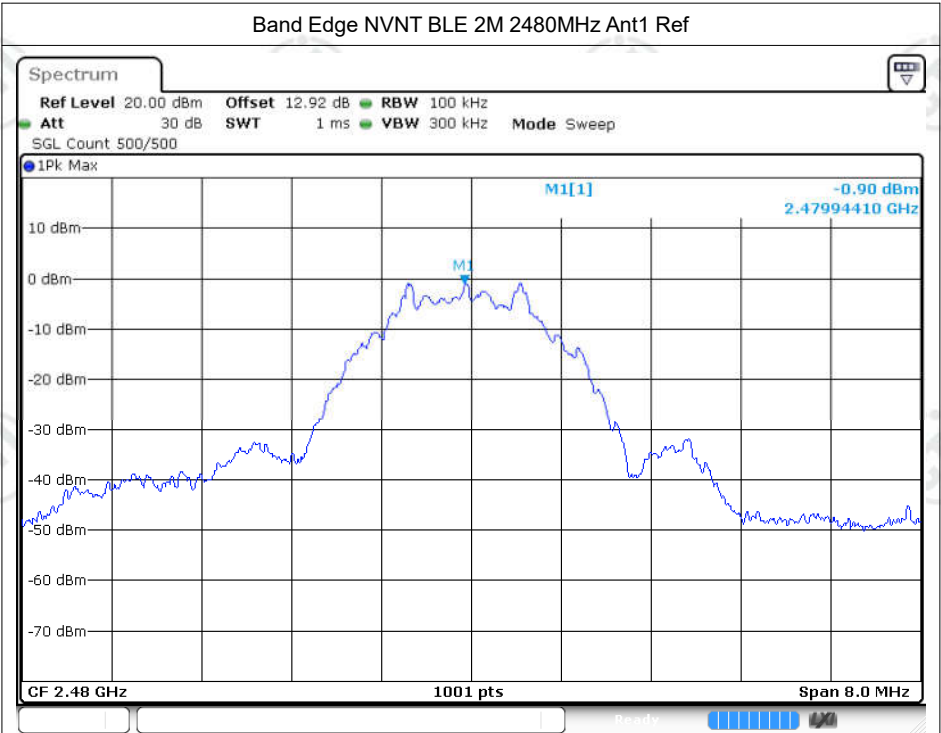
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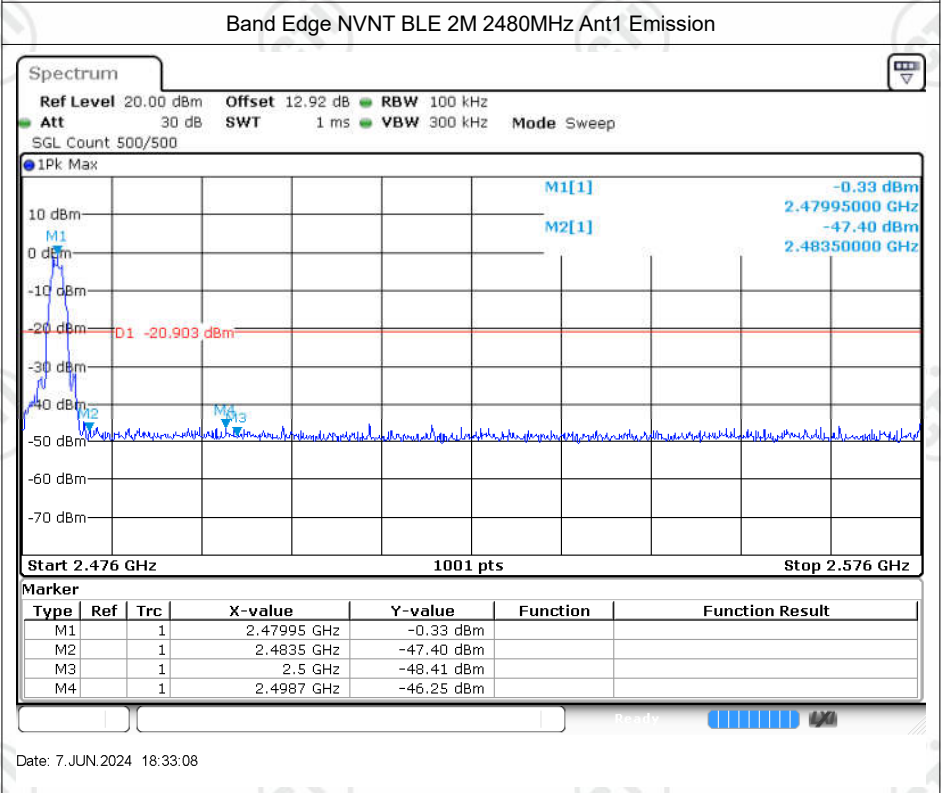
Date: 7 JUN 2024 18:29:30



Date: 7 JUN 2024 18:29:33



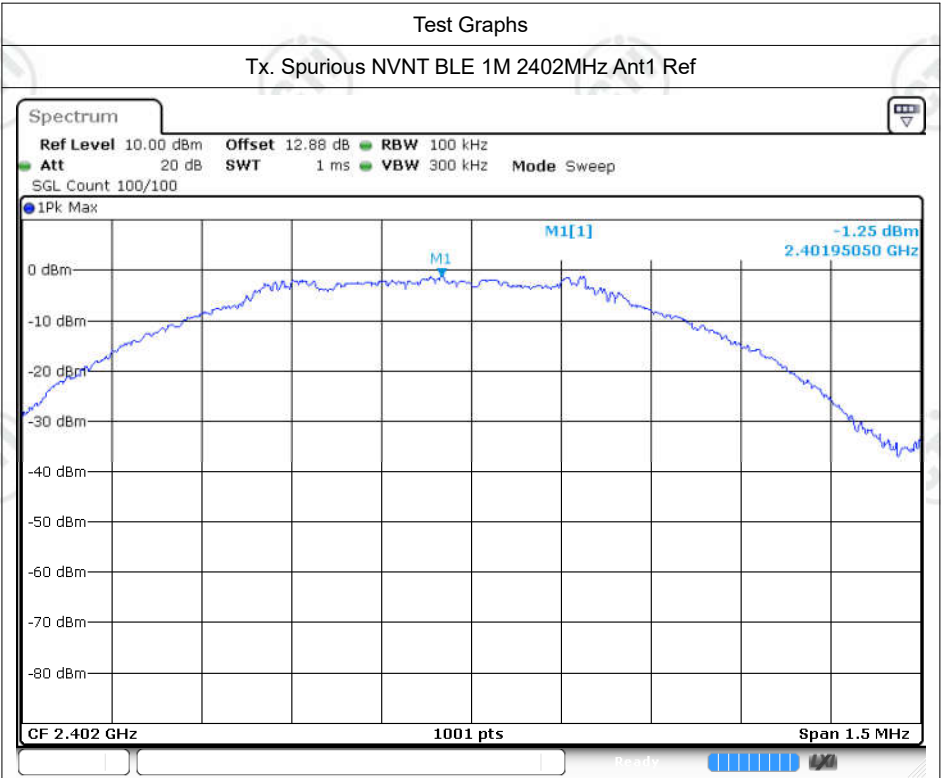
Date: 7 JUN 2024 18:33:06



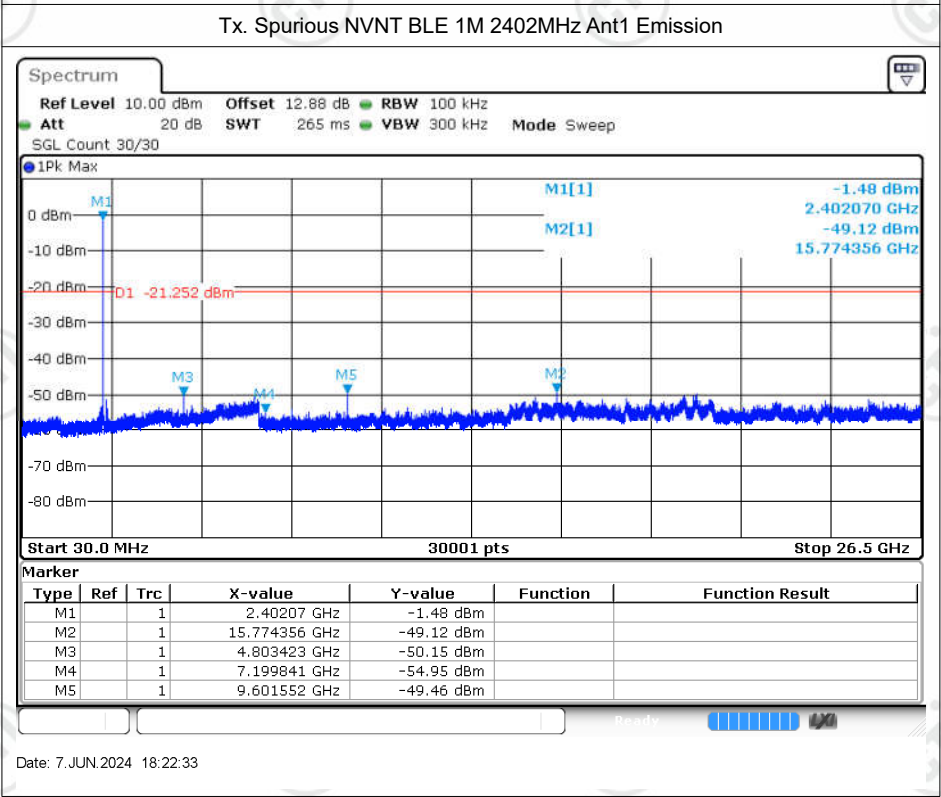
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Conducted RF Spurious Emission

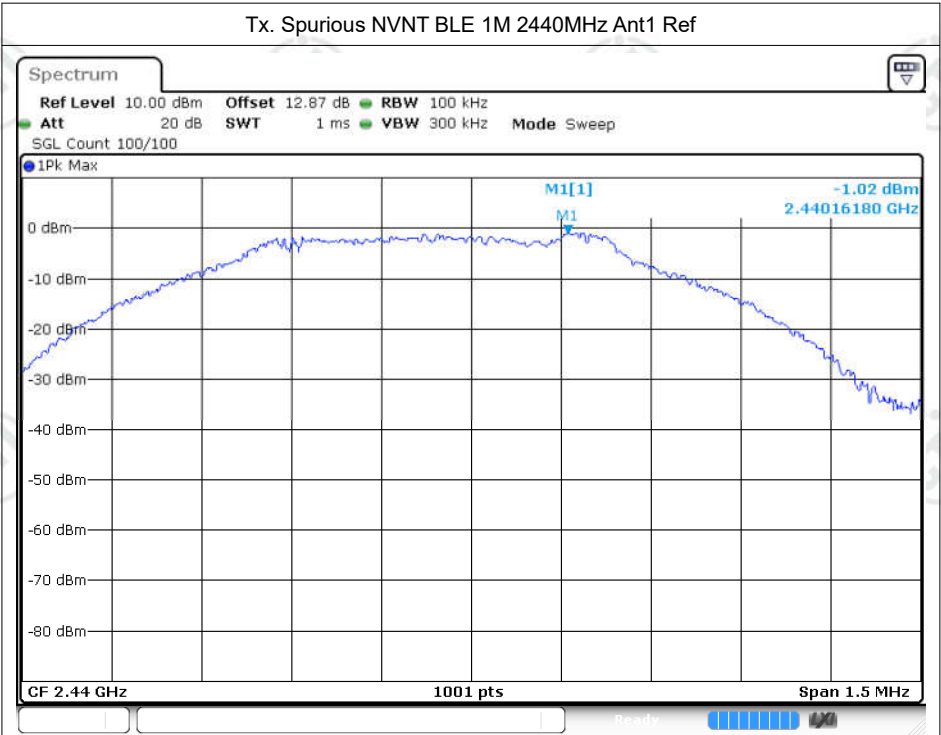
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-47.86	-20	Pass
NVNT	BLE 1M	2440	Ant1	-47.49	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.11	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.14	-20	Pass
NVNT	BLE 2M	2440	Ant1	-47.34	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47.67	-20	Pass



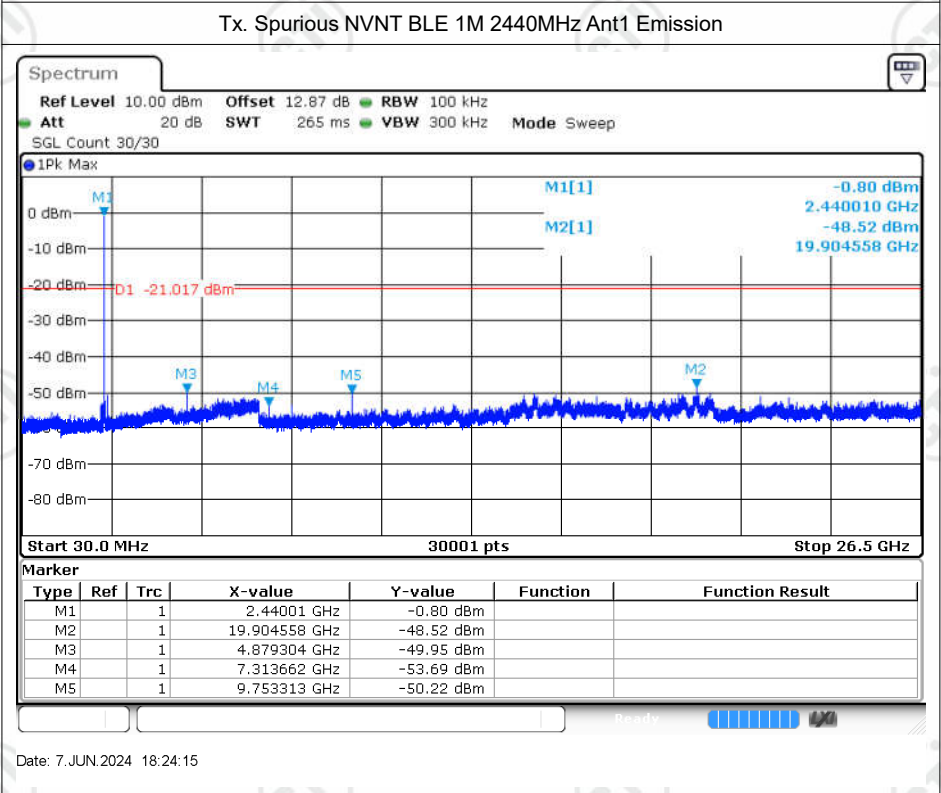
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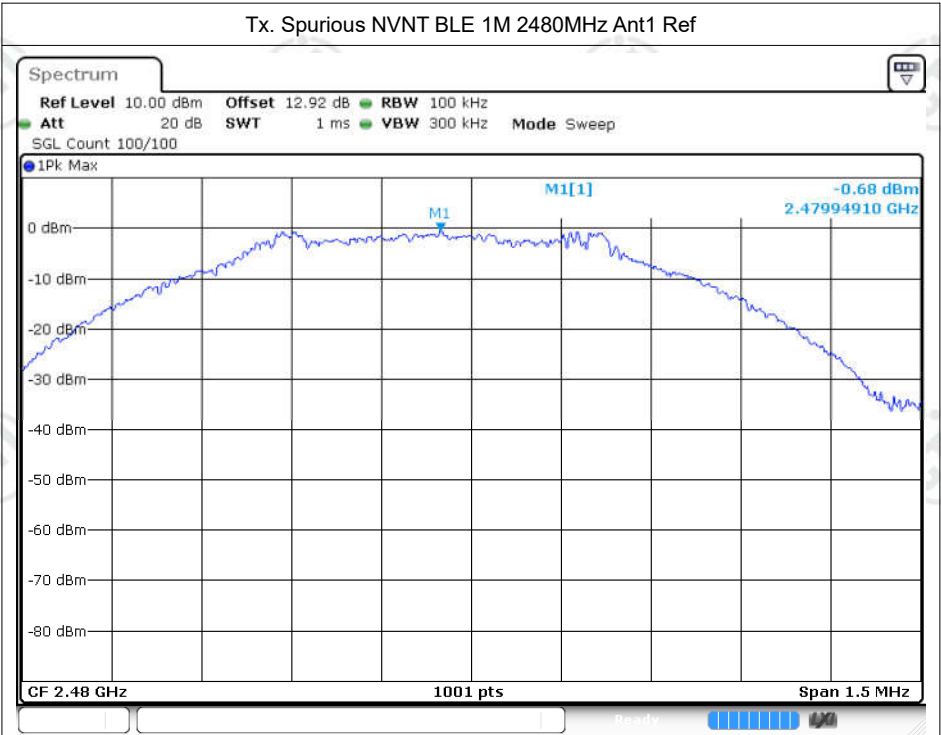


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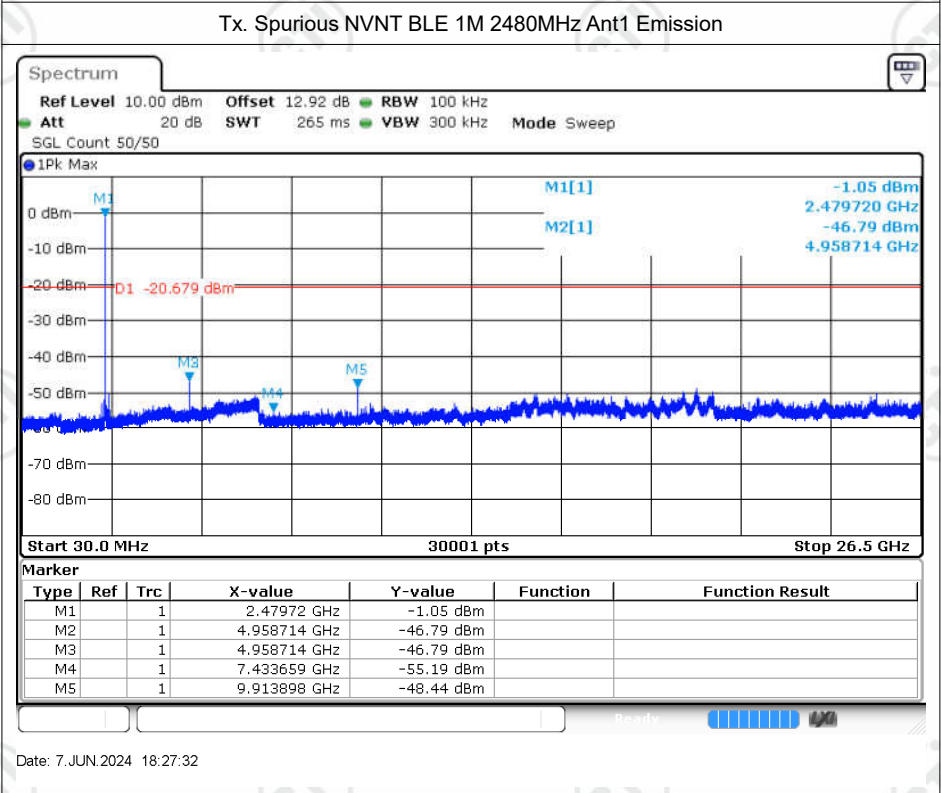


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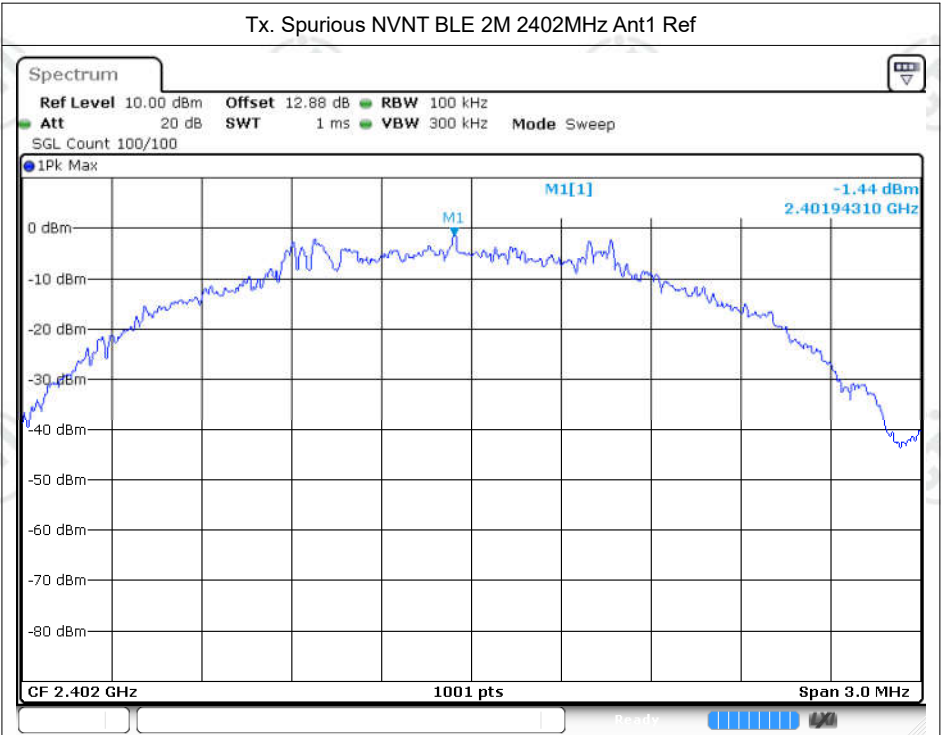




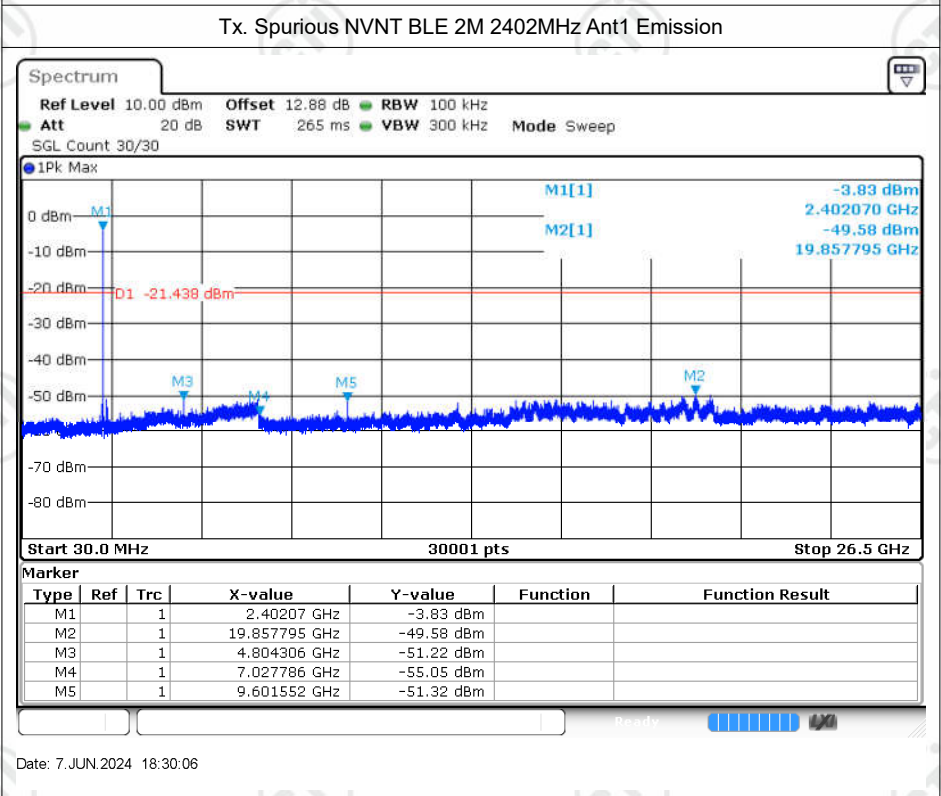
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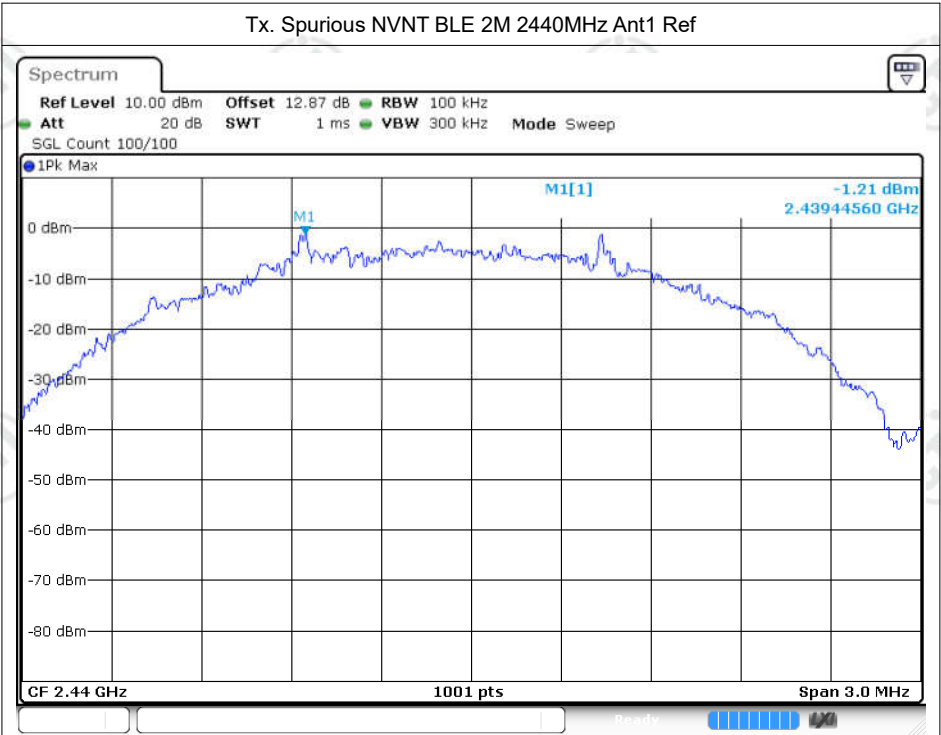
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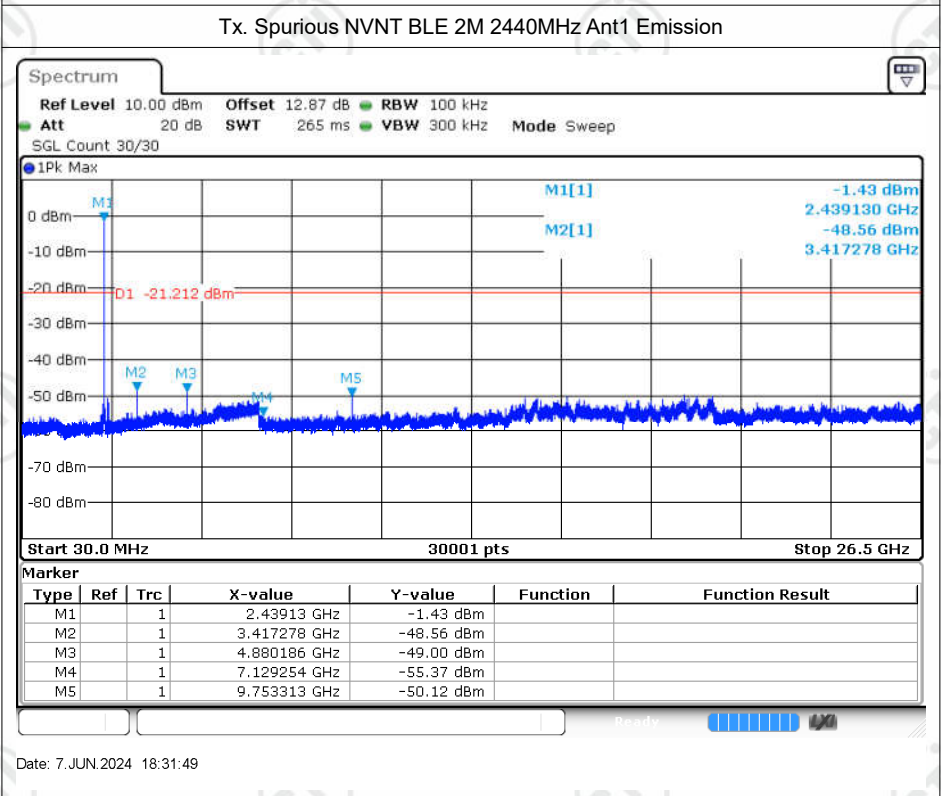
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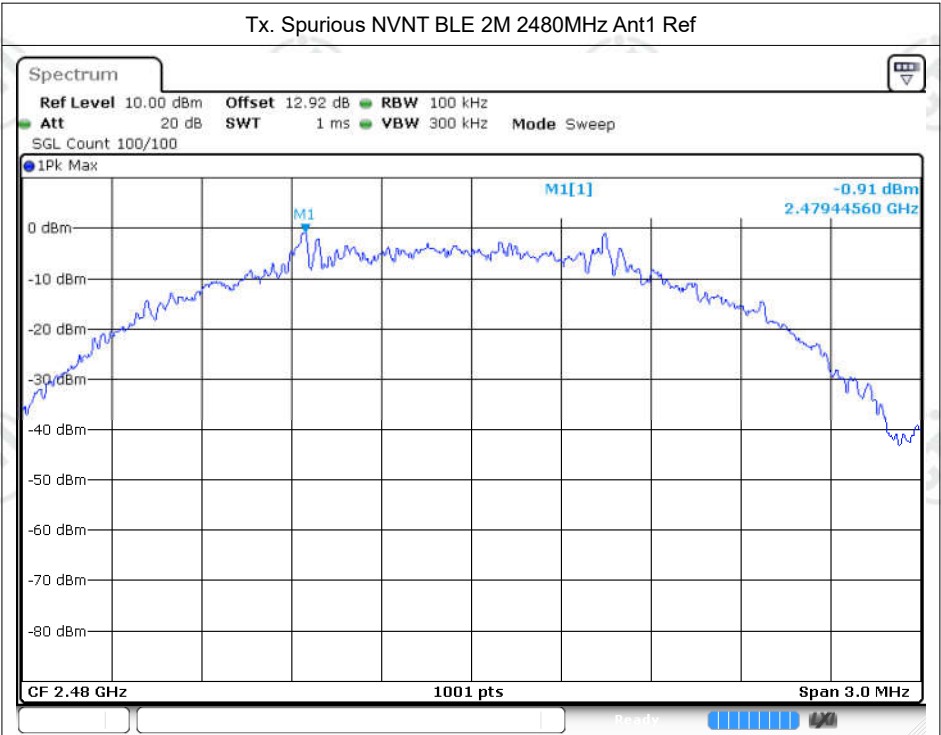


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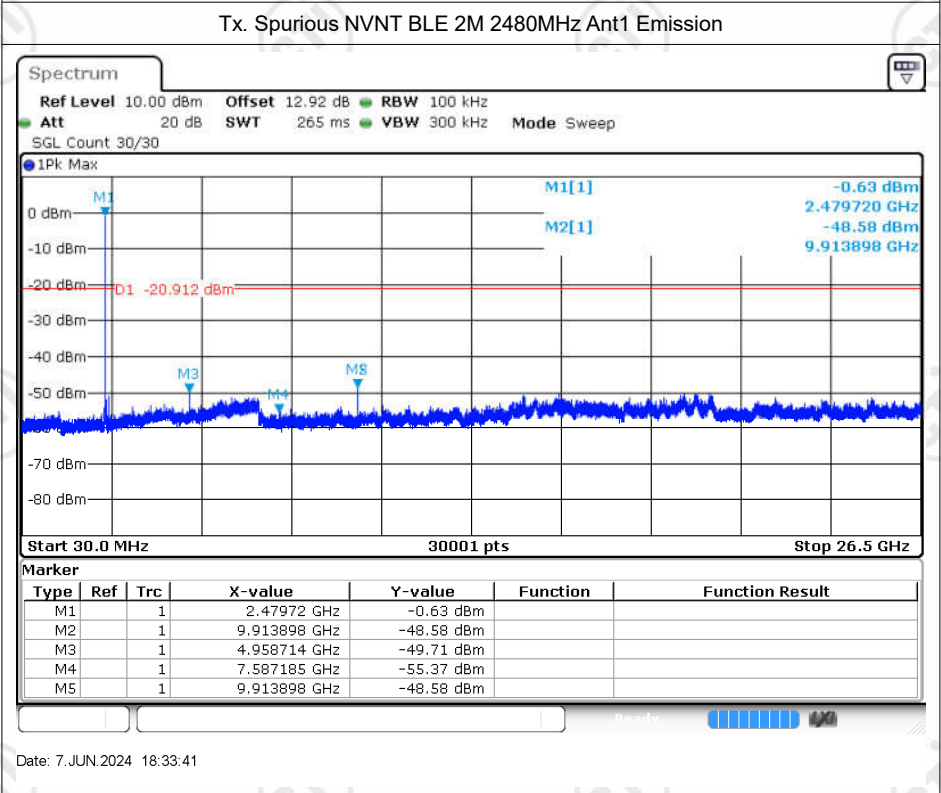


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Date: 7 JUN 2024 18:33:41

*** End of Report ***