

Appendix: Bluetooth LE

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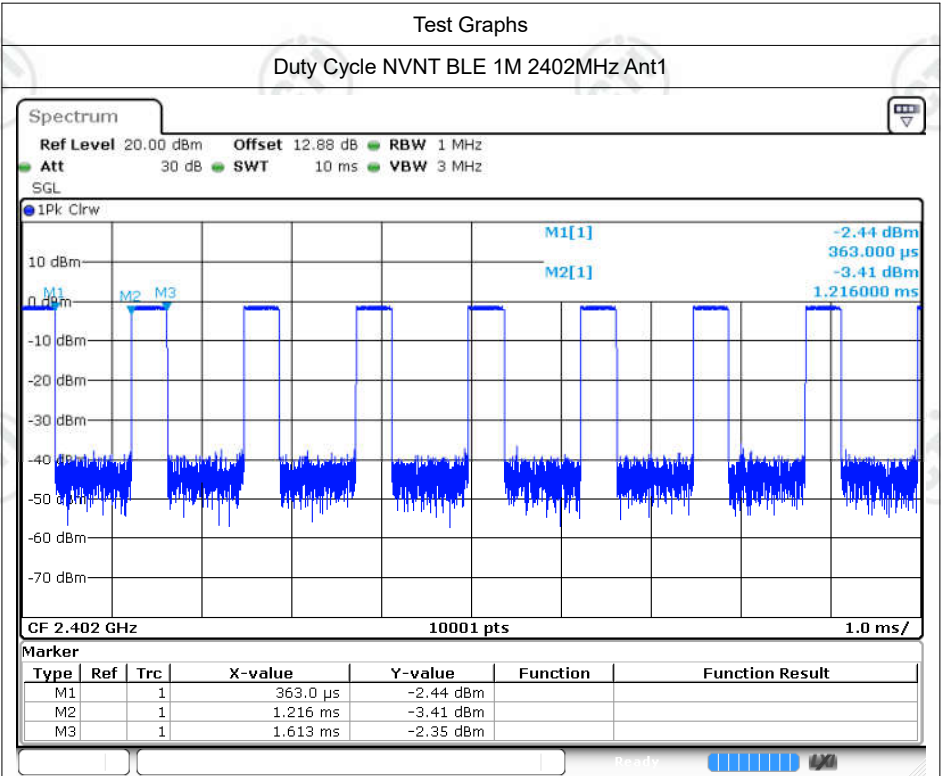
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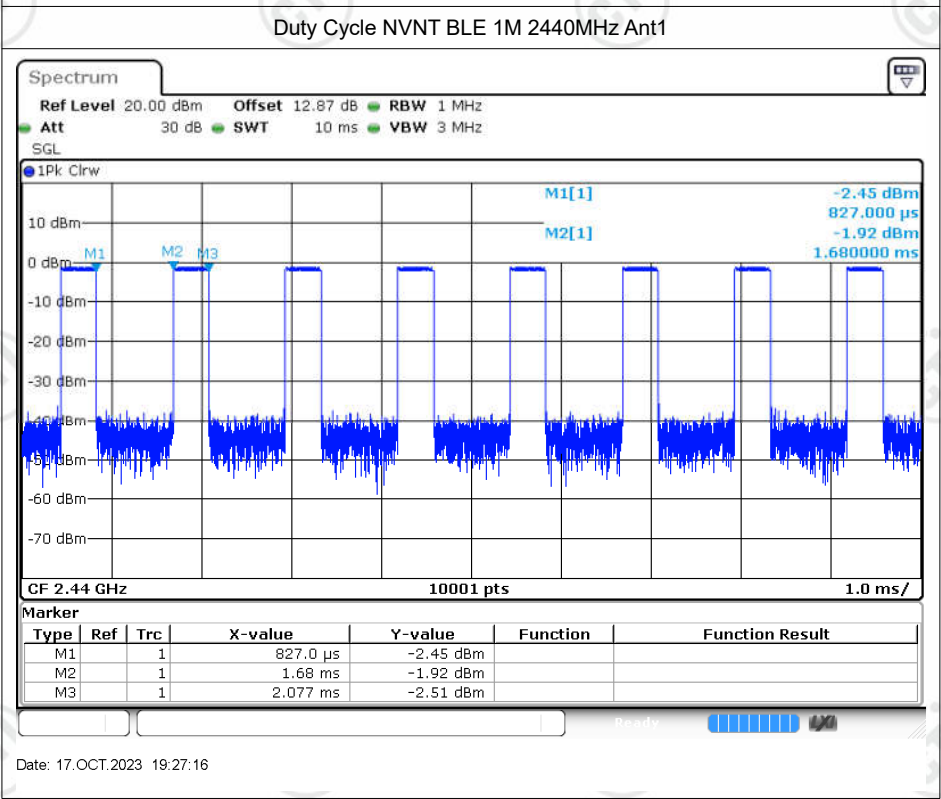
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Duty Cycle

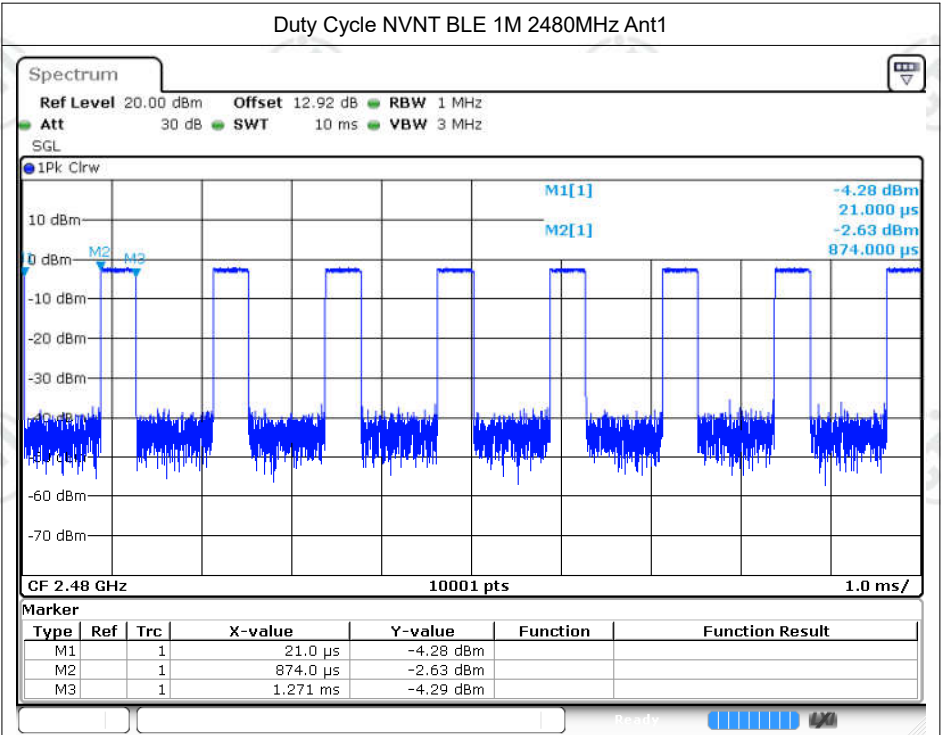
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	31.76	4.98	2.52
NVNT	BLE 1M	2440	Ant1	31.76	4.98	2.52
NVNT	BLE 1M	2480	Ant1	31.76	4.98	2.52
NVNT	BLE 2M	2402	Ant1	32.8	4.84	4.88
NVNT	BLE 2M	2440	Ant1	32.64	4.86	4.9
NVNT	BLE 2M	2480	Ant1	32.64	4.86	4.9



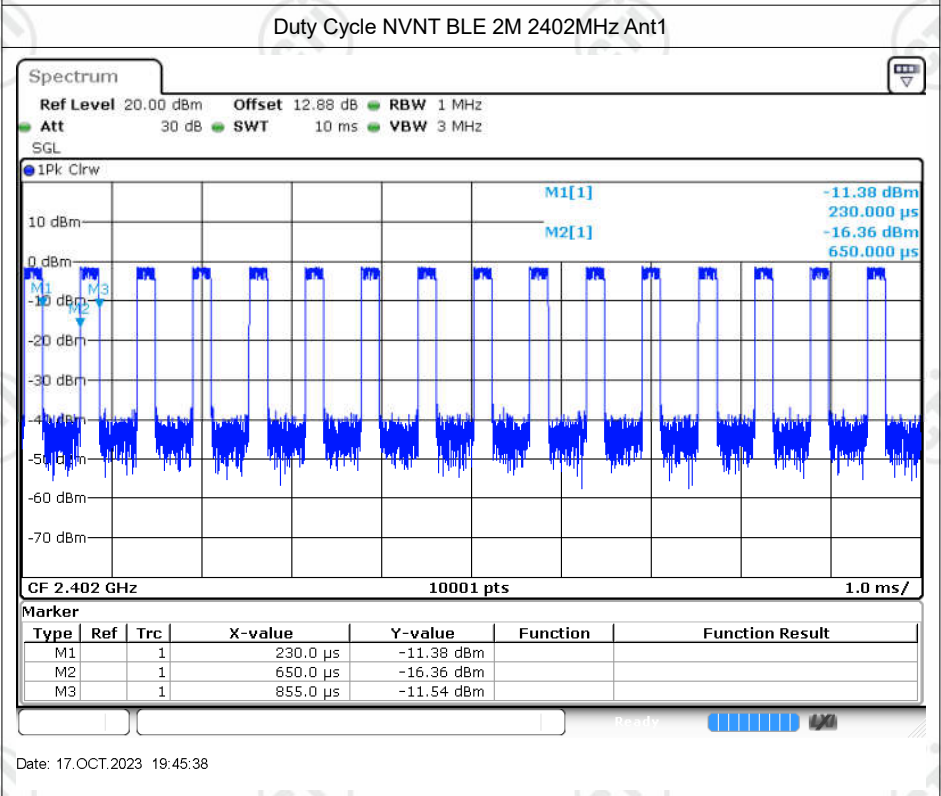
Date: 17.OCT.2023 19:23:39



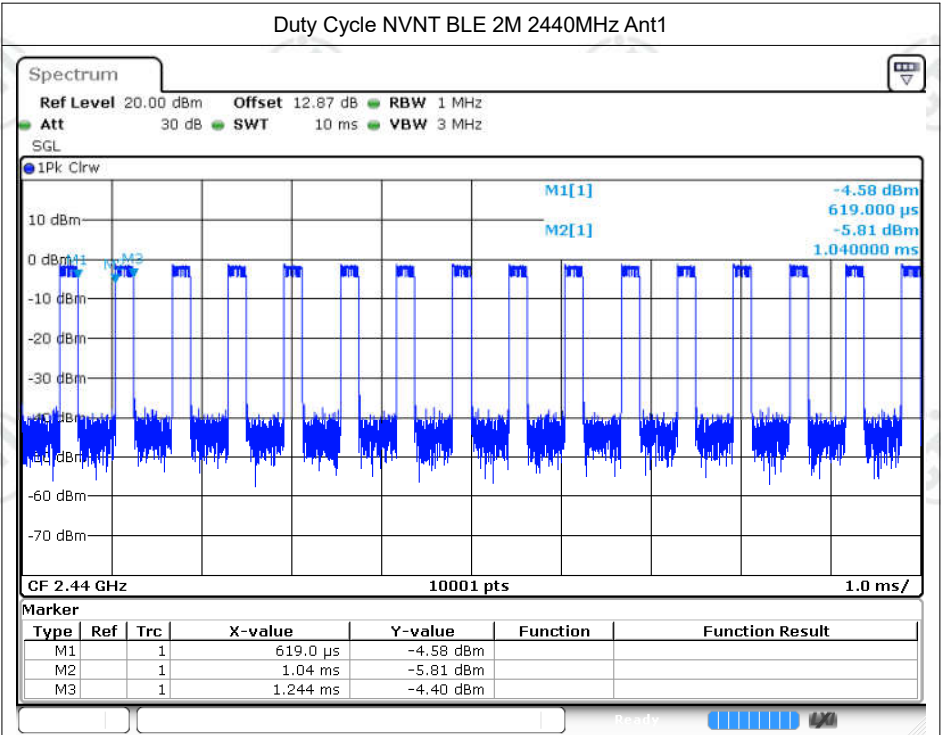
Date: 17.OCT.2023 19:27:16



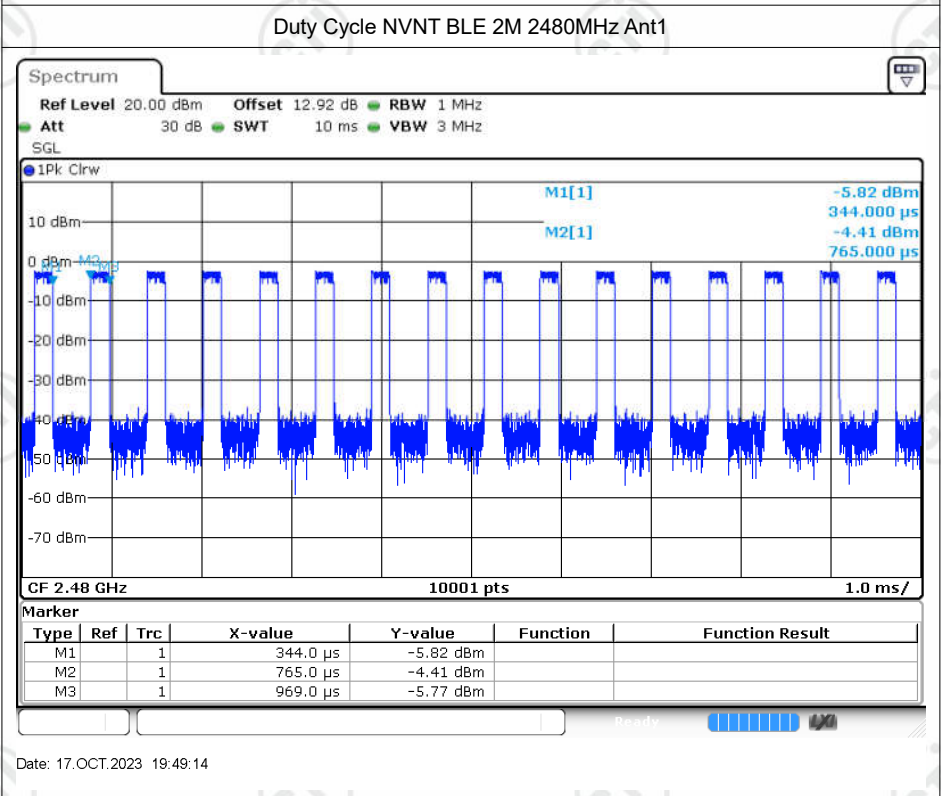
Date: 17.OCT.2023 19:30:14



Date: 17.OCT.2023 19:45:38



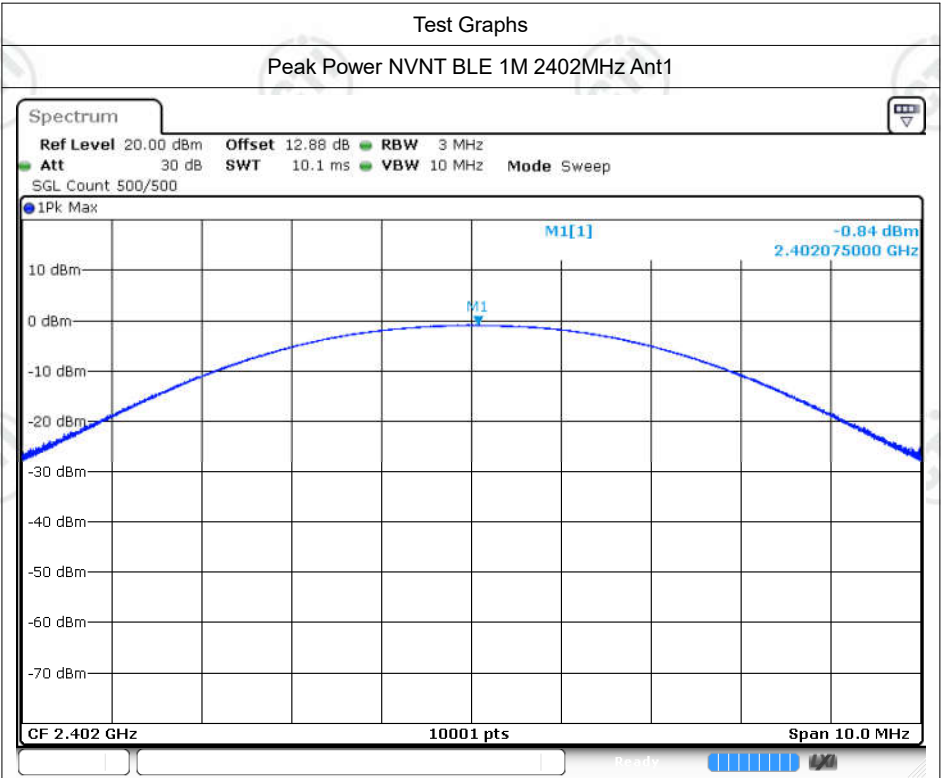
Date: 17.OCT.2023 19:47:28



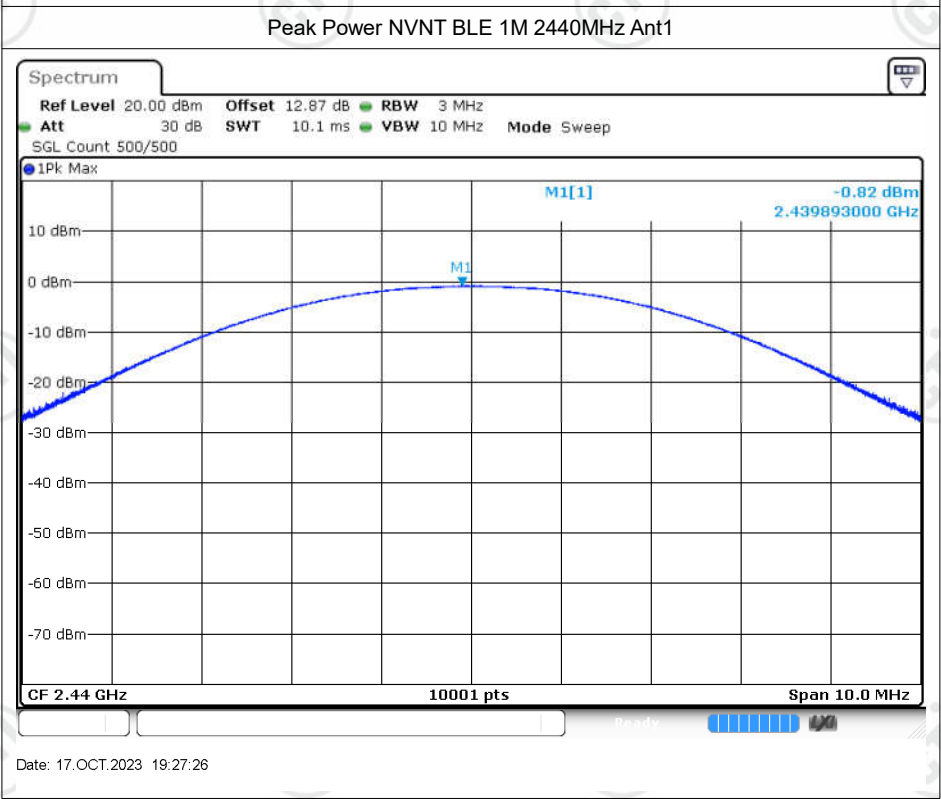
Date: 17.OCT.2023 19:49:14

Maximum Peak Conducted Output Power

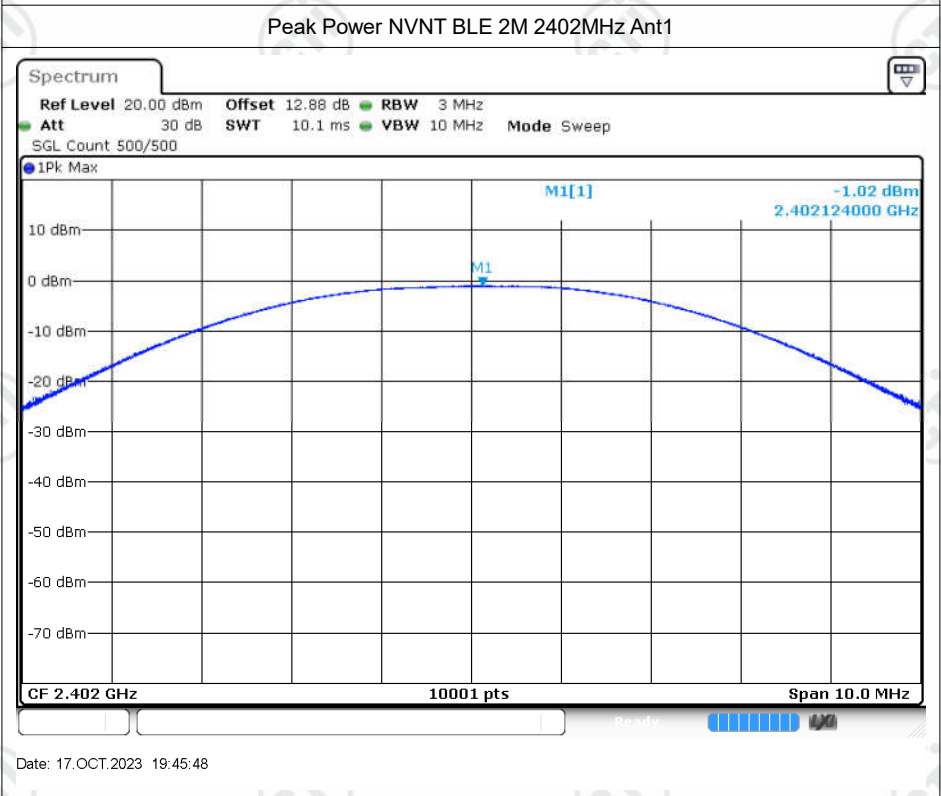
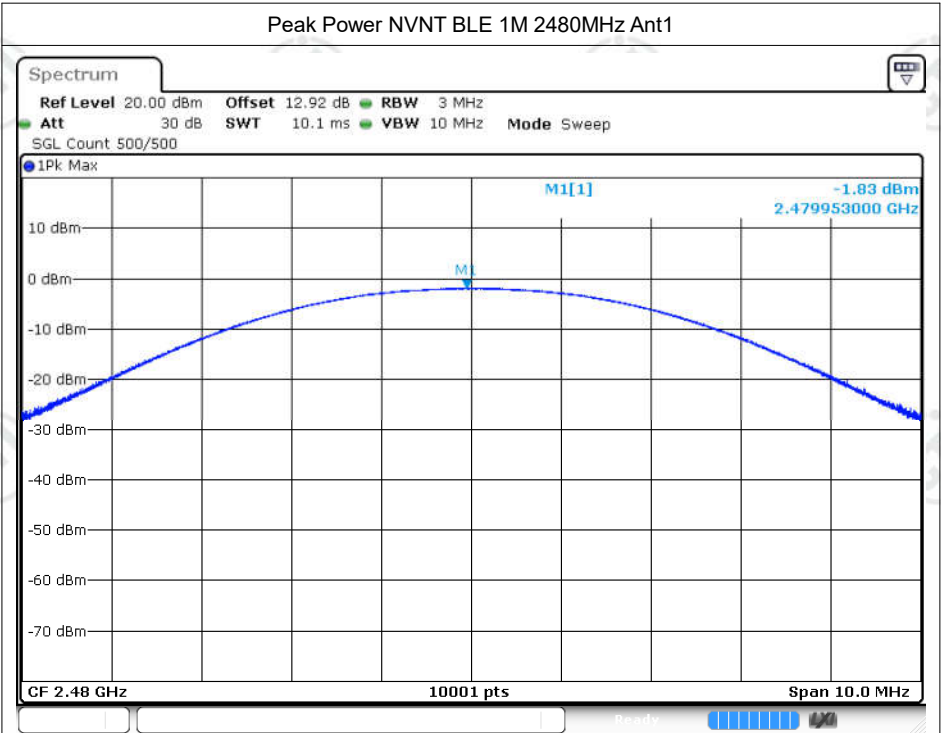
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.84	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.82	30	Pass
NVNT	BLE 1M	2480	Ant1	-1.83	30	Pass
NVNT	BLE 2M	2402	Ant1	-1.02	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.01	30	Pass
NVNT	BLE 2M	2480	Ant1	-2.01	30	Pass

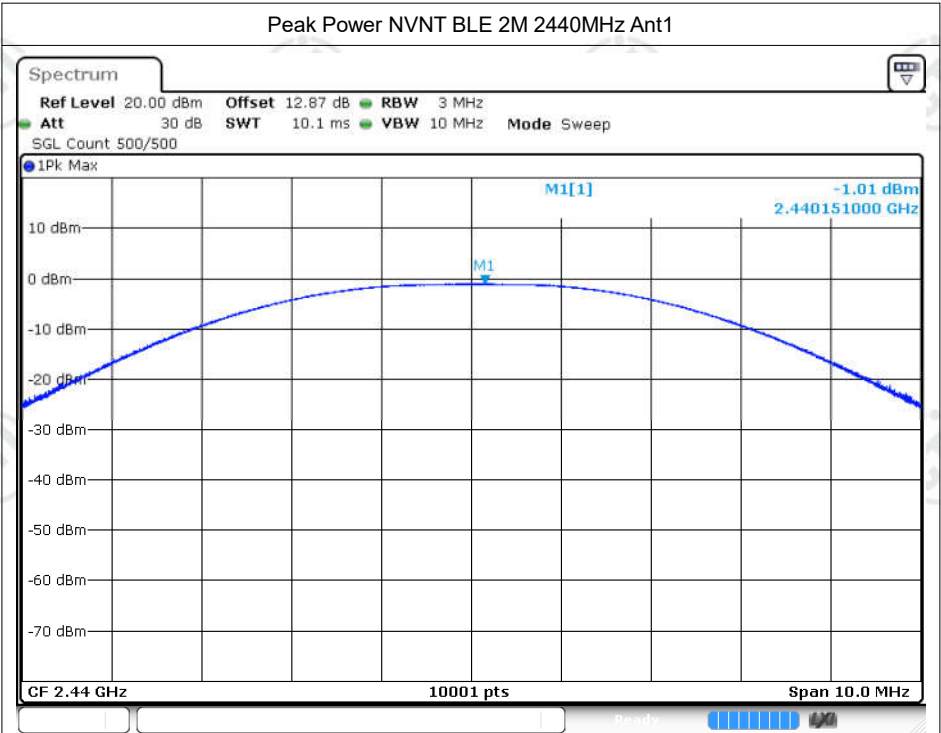


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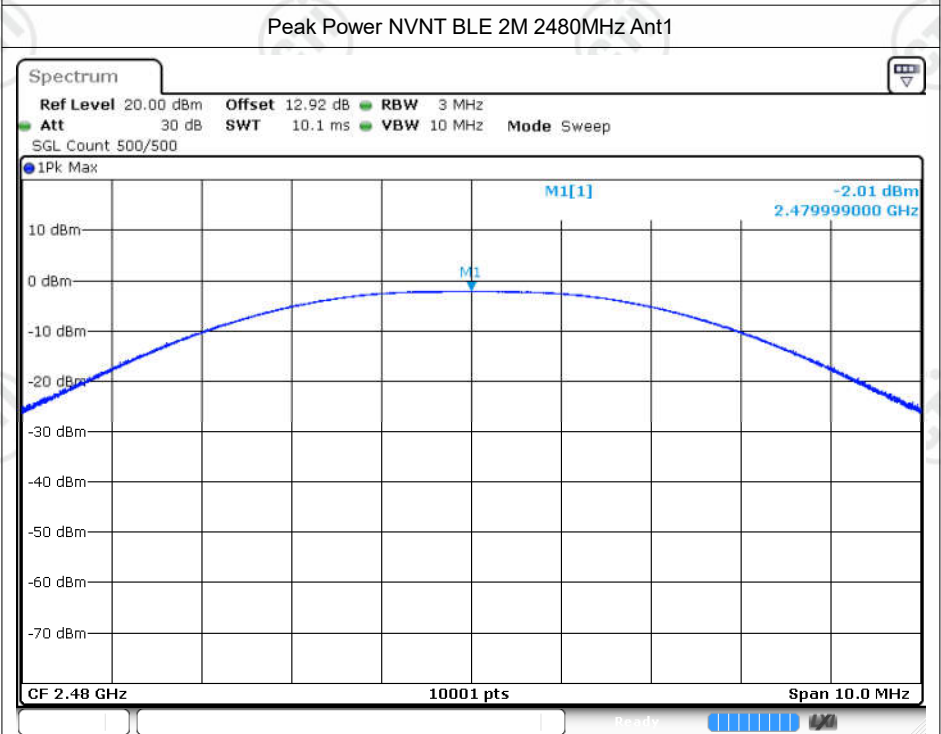


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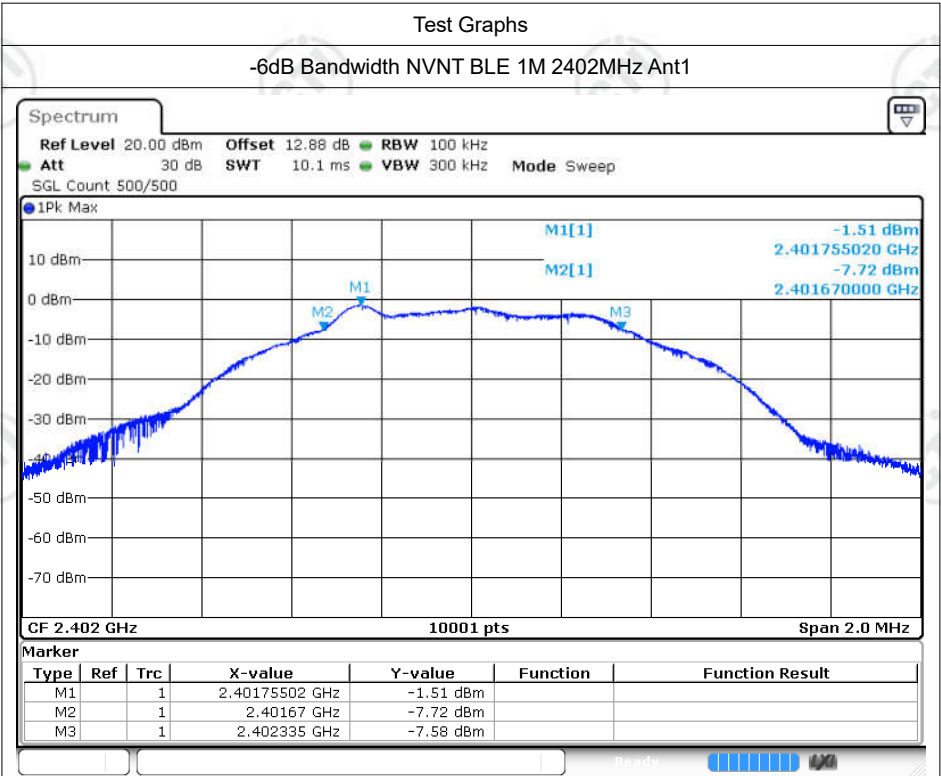
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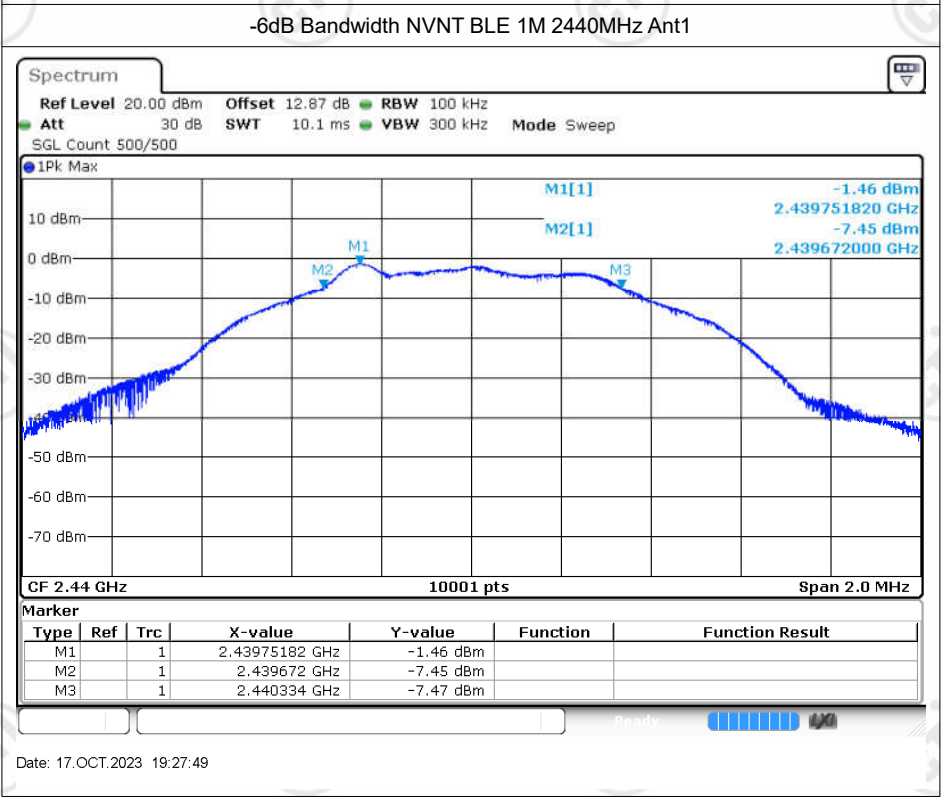
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-6dB Bandwidth

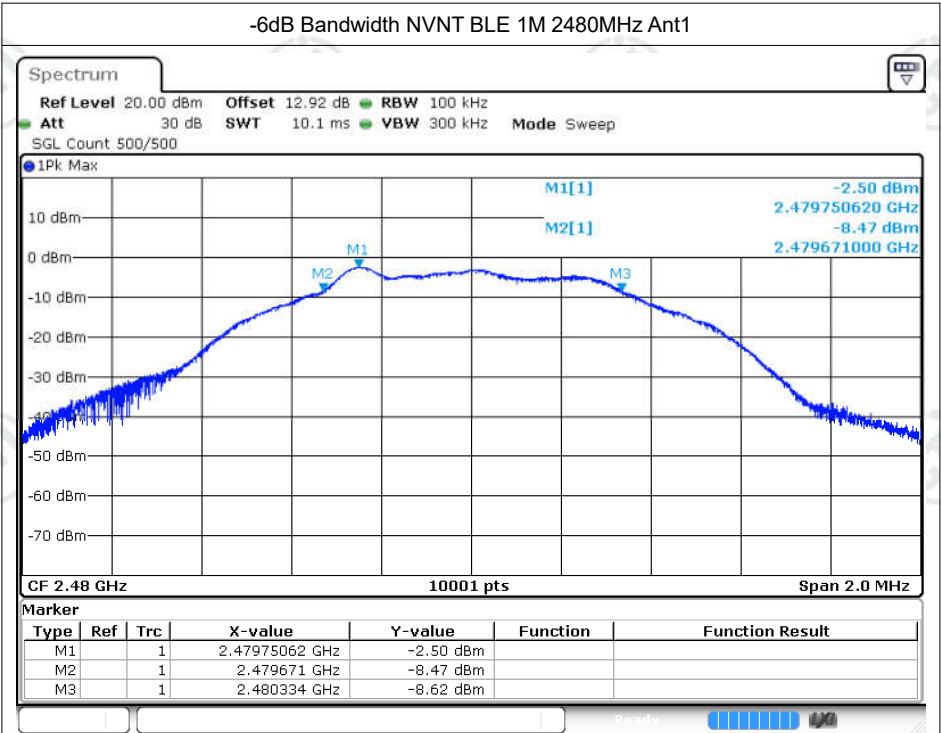
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.664	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.662	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.663	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.133	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.132	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.128	0.5	Pass



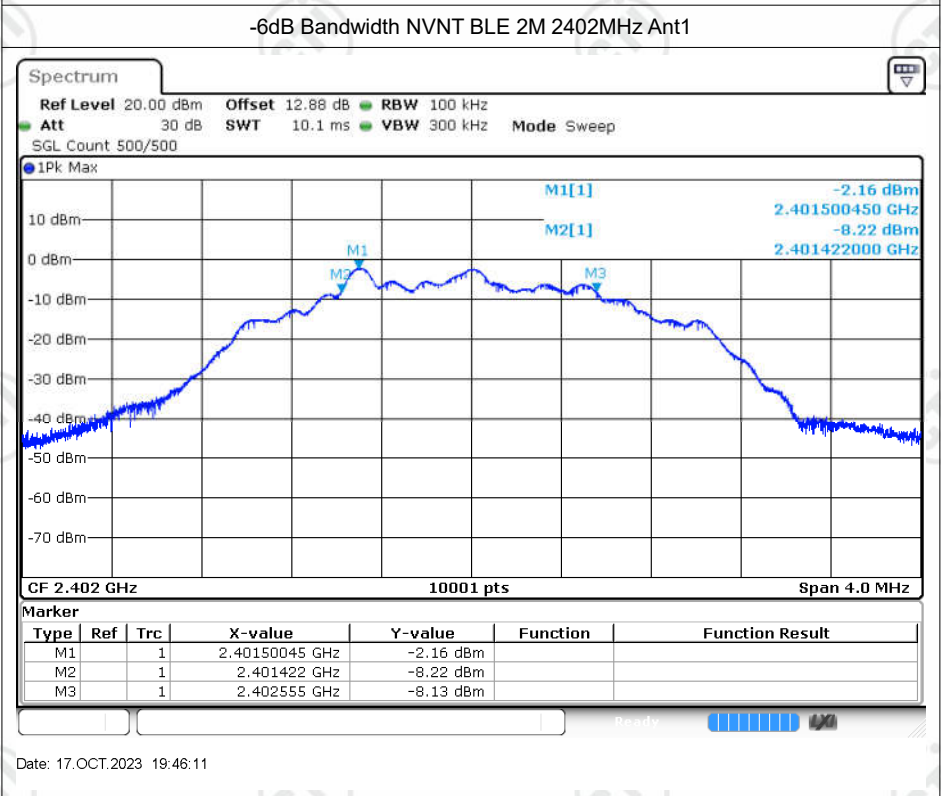
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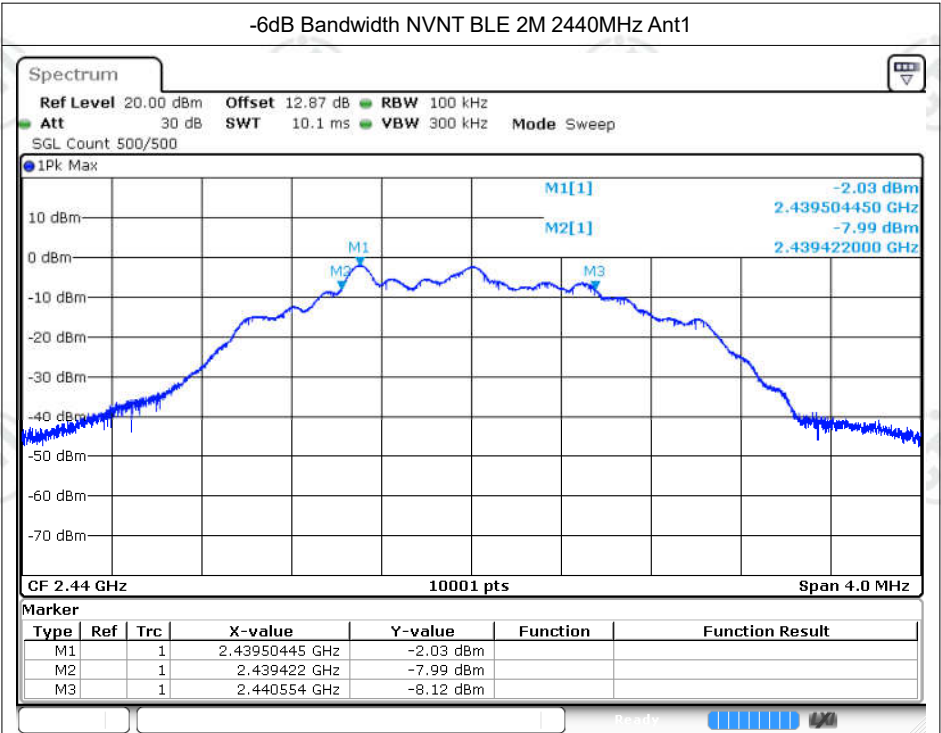
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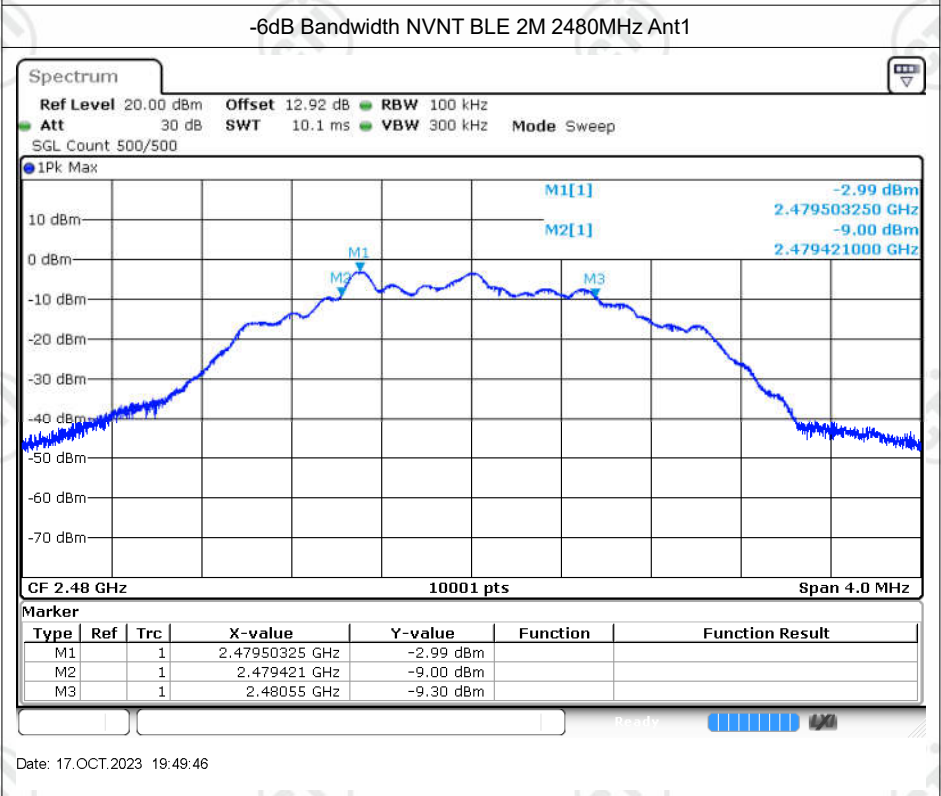
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Date: 17.OCT.2023 19:46:11



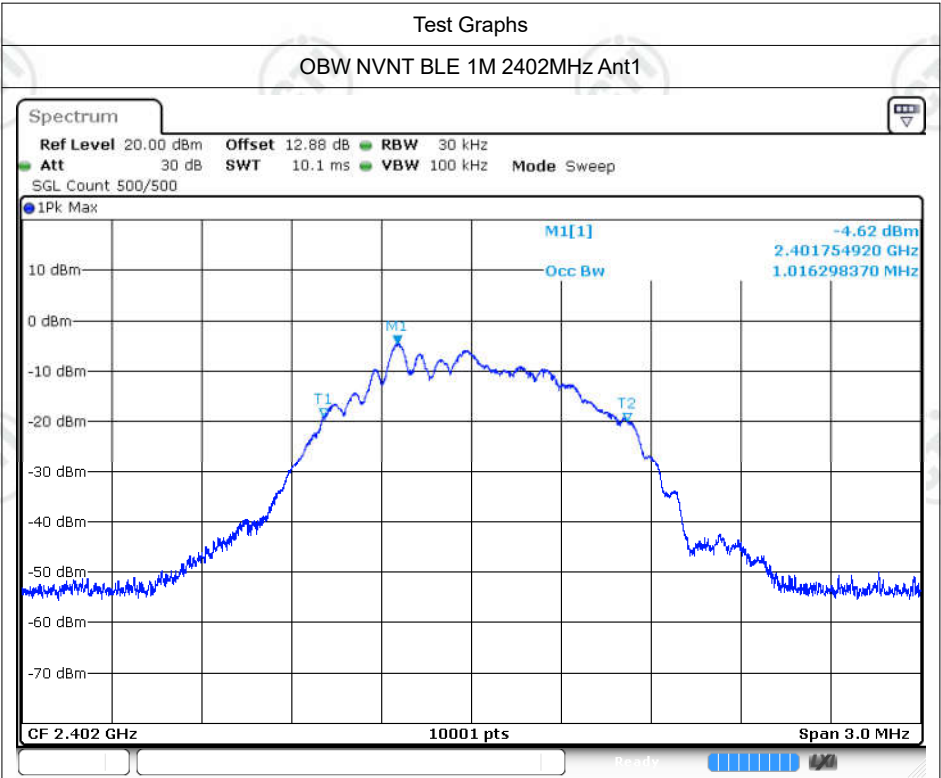
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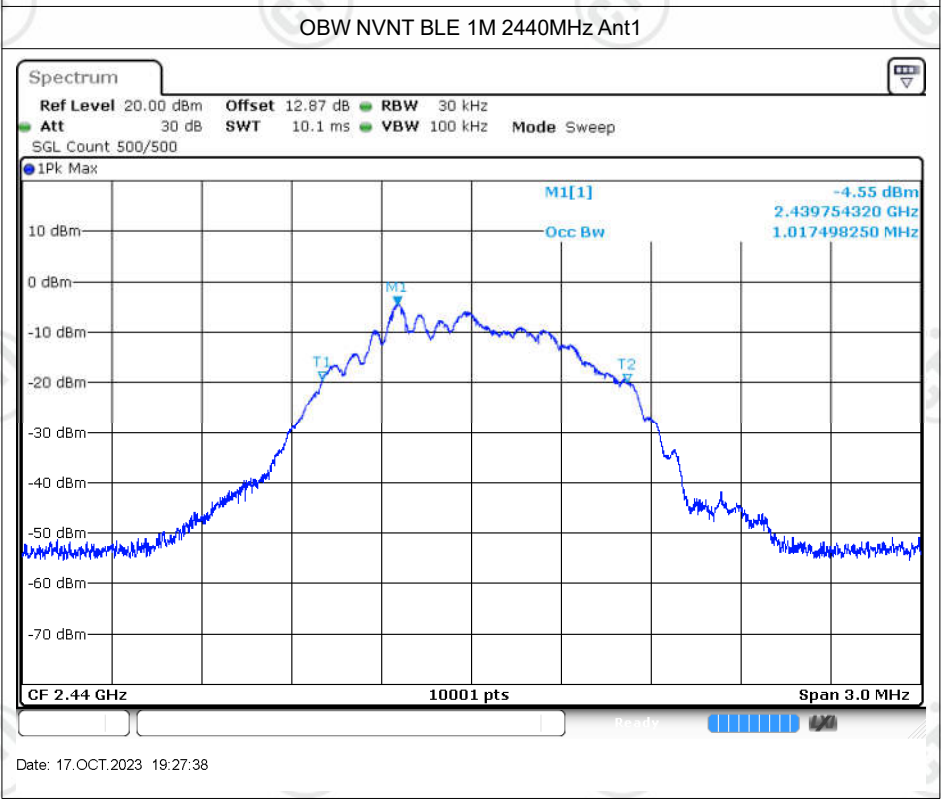
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Occupied Channel Bandwidth

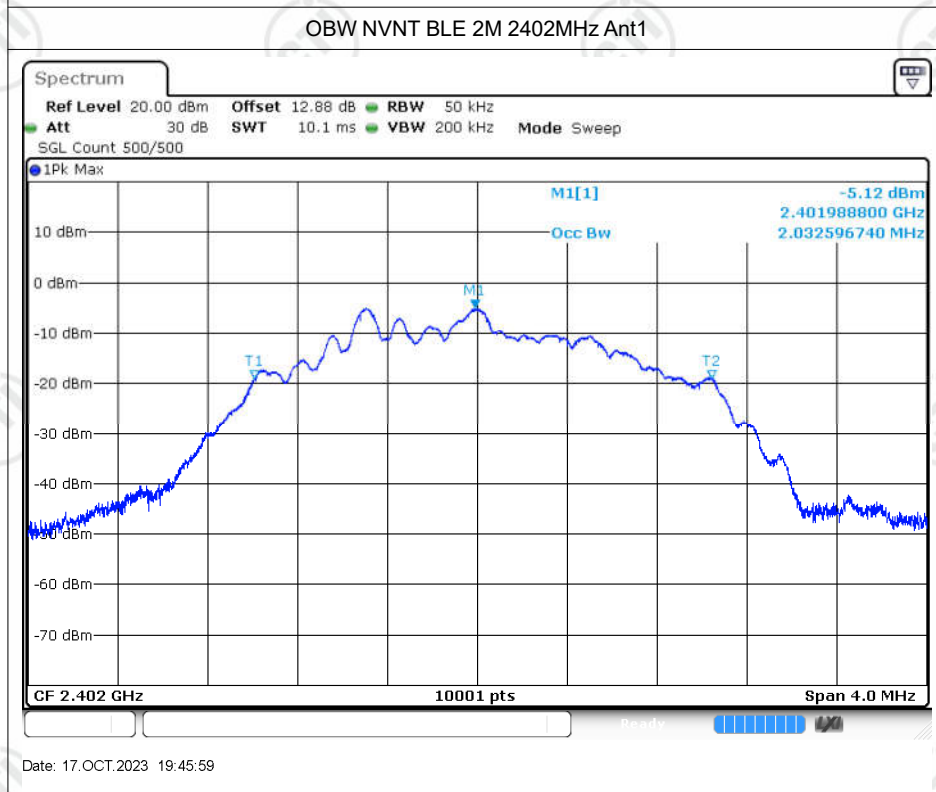
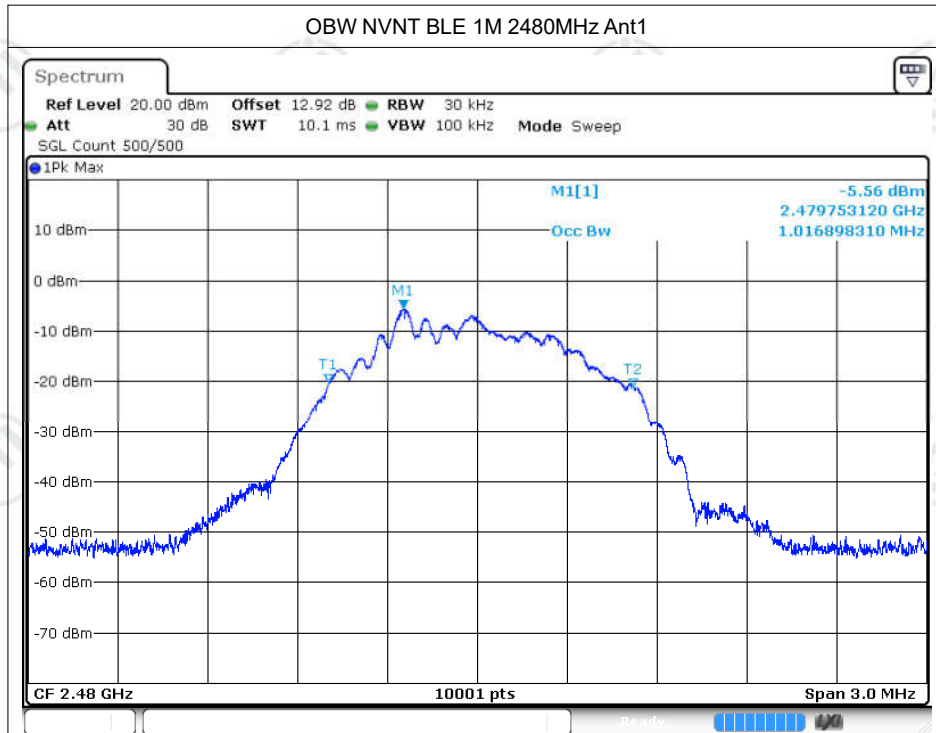
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.016
NVNT	BLE 1M	2440	Ant1	1.017
NVNT	BLE 1M	2480	Ant1	1.017
NVNT	BLE 2M	2402	Ant1	2.033
NVNT	BLE 2M	2440	Ant1	2.034
NVNT	BLE 2M	2480	Ant1	2.033

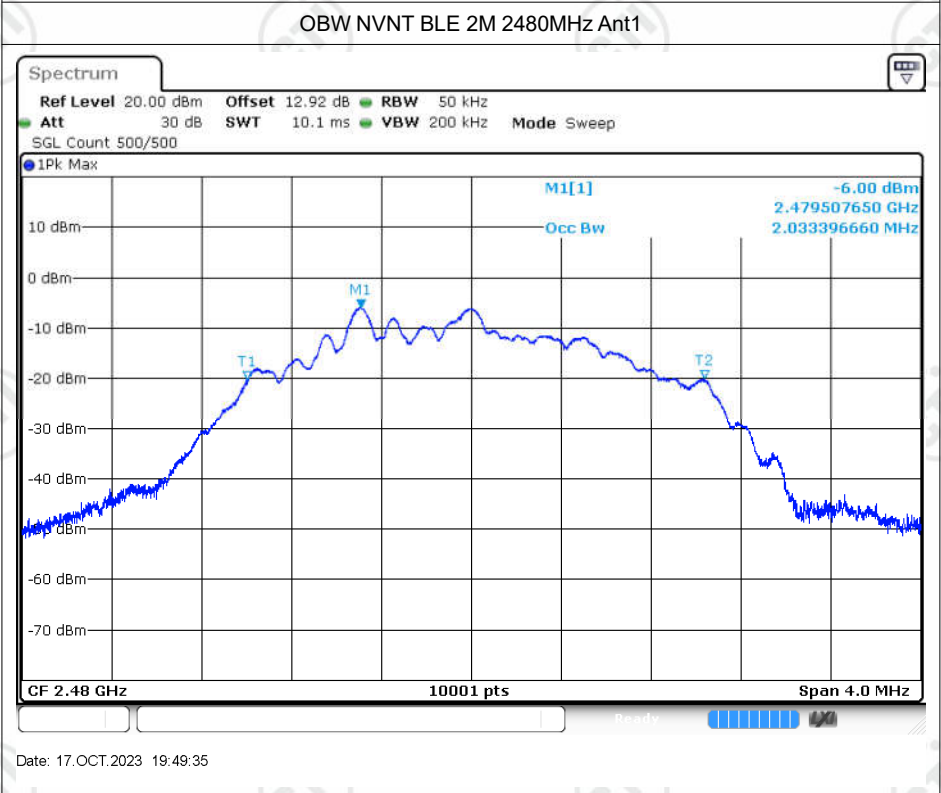
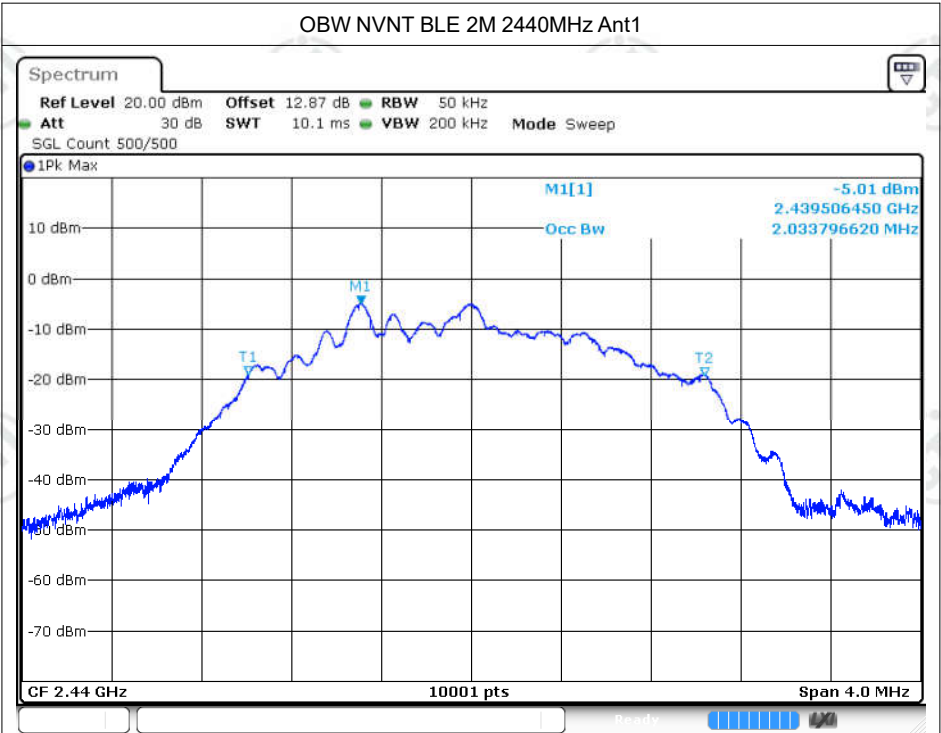


Date: 17.OCT.2023 19:24:01



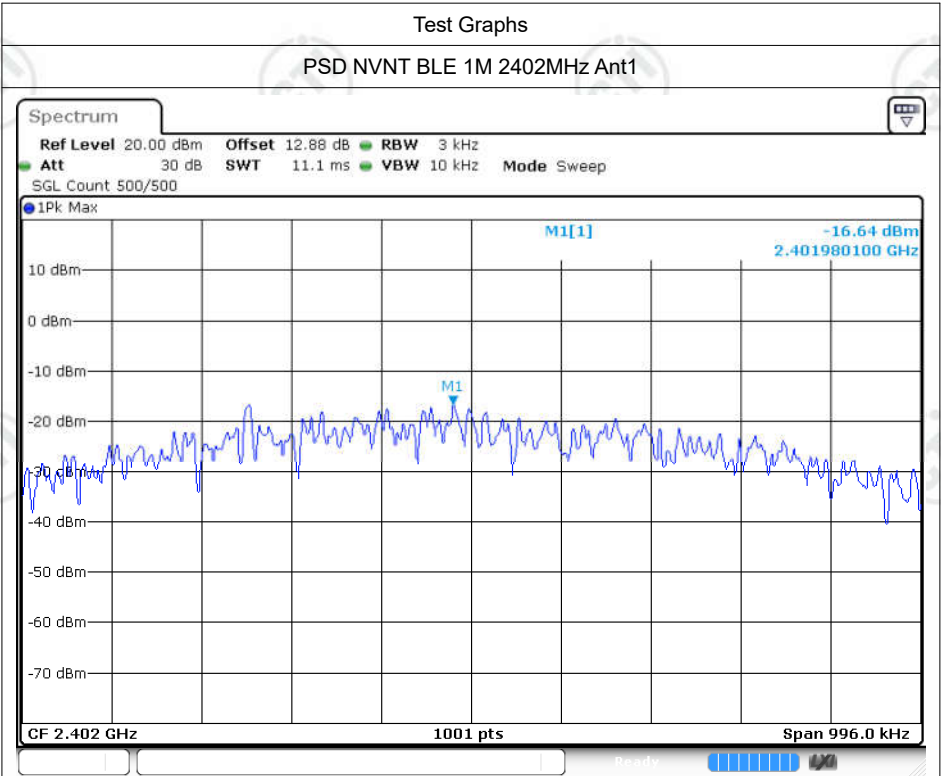
Date: 17.OCT.2023 19:27:38



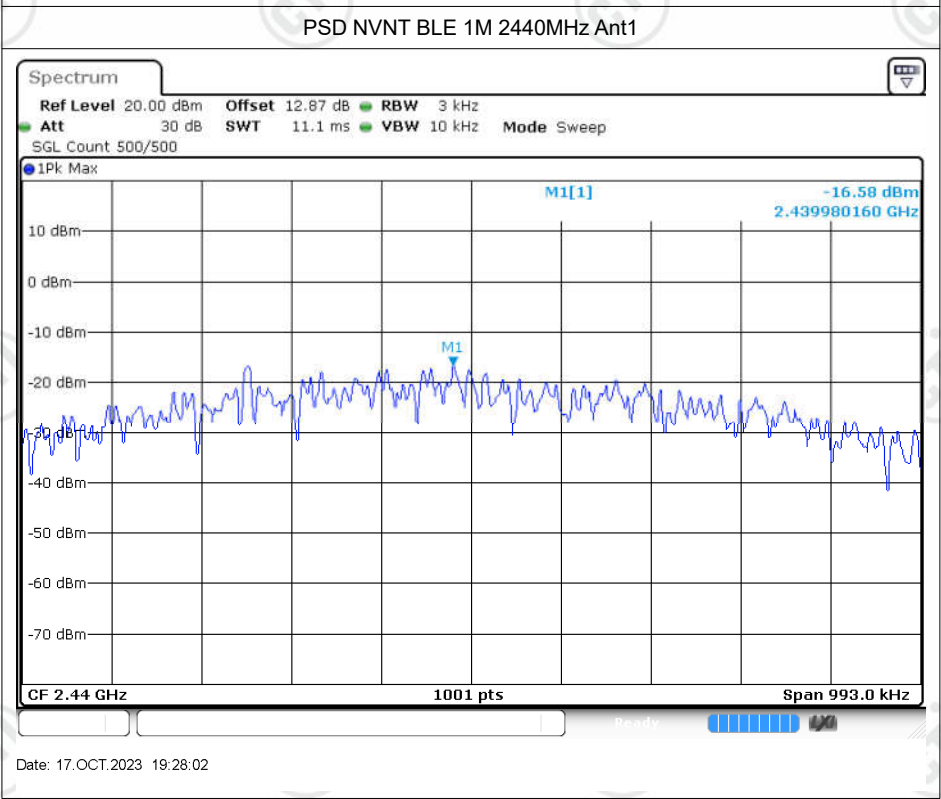


Maximum Power Spectral Density Level

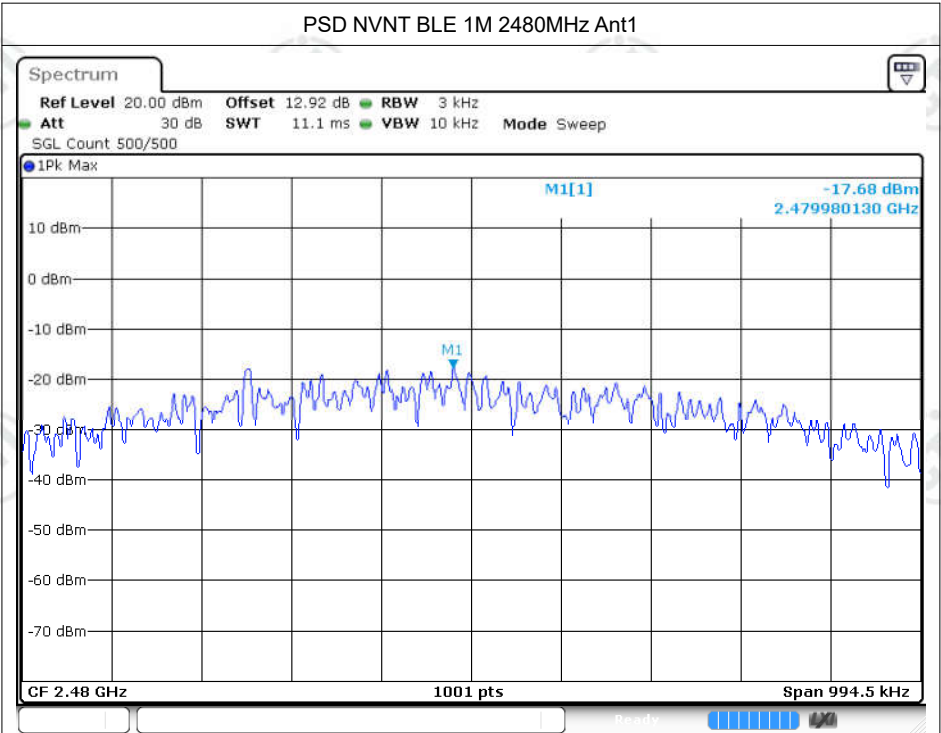
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.64	8	Pass
NVNT	BLE 1M	2440	Ant1	-16.58	8	Pass
NVNT	BLE 1M	2480	Ant1	-17.68	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.5	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.38	8	Pass
NVNT	BLE 2M	2480	Ant1	-20.43	8	Pass



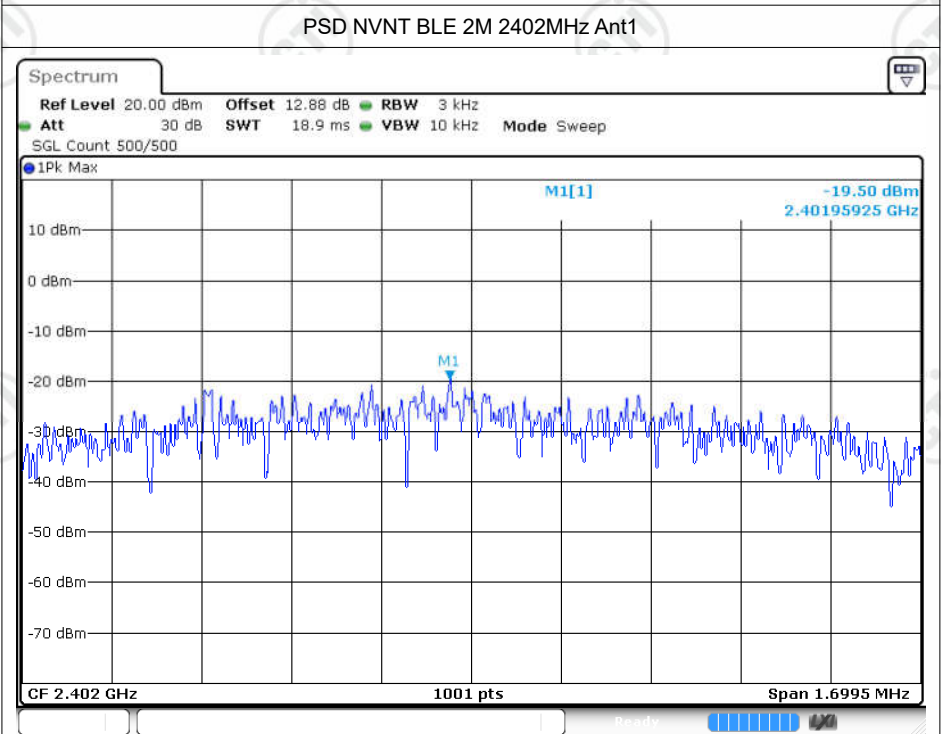
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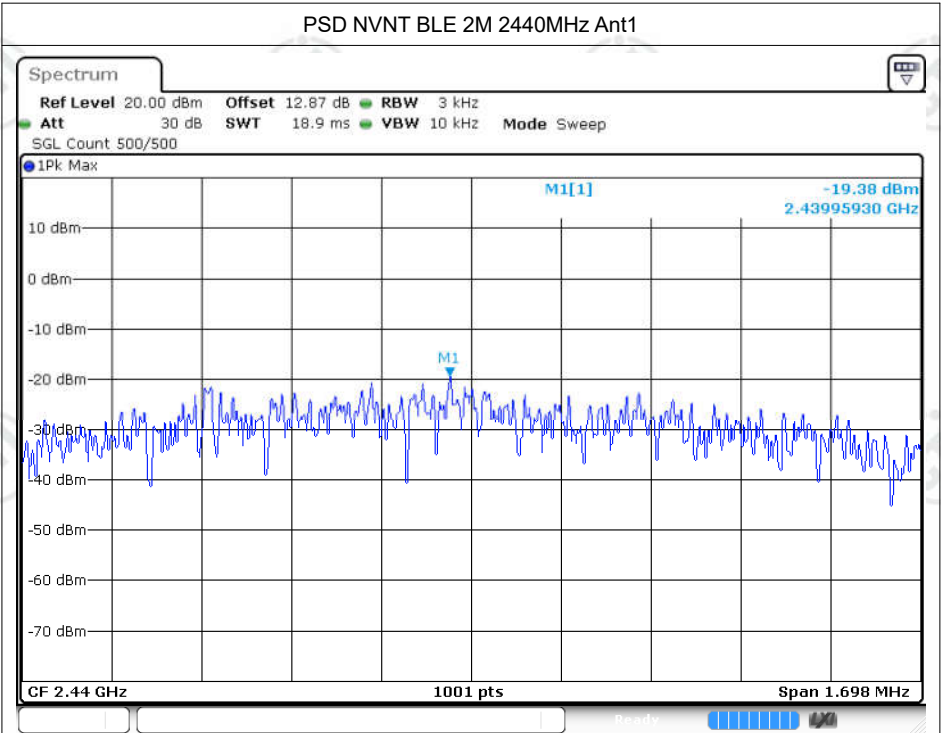
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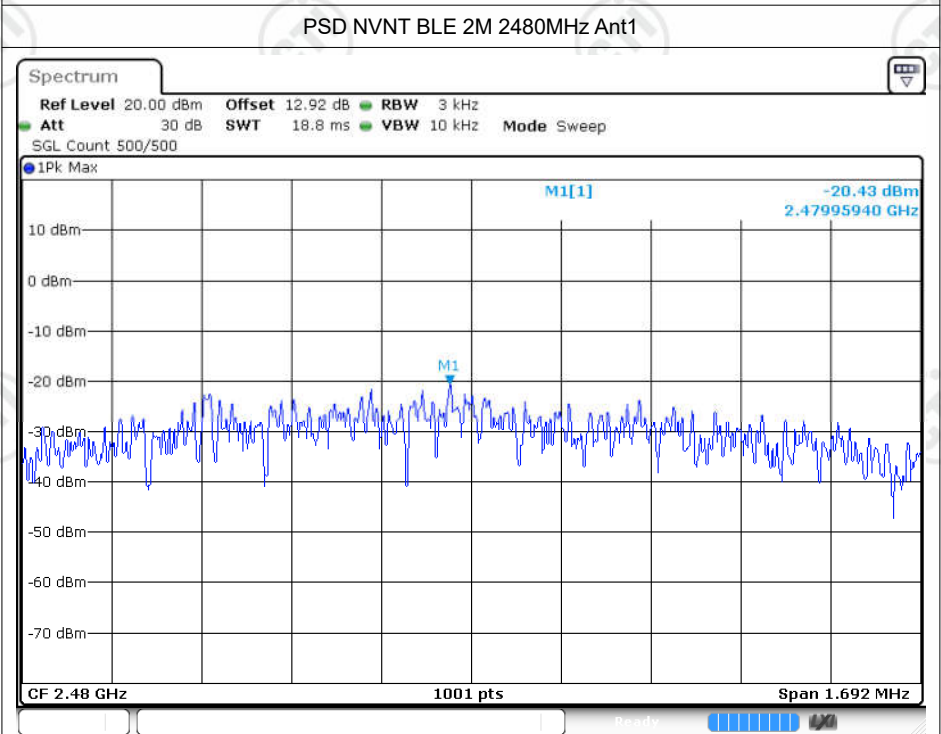
Date: 17.OCT.2023 19:31:00



Date: 17.OCT.2023 19:46:32



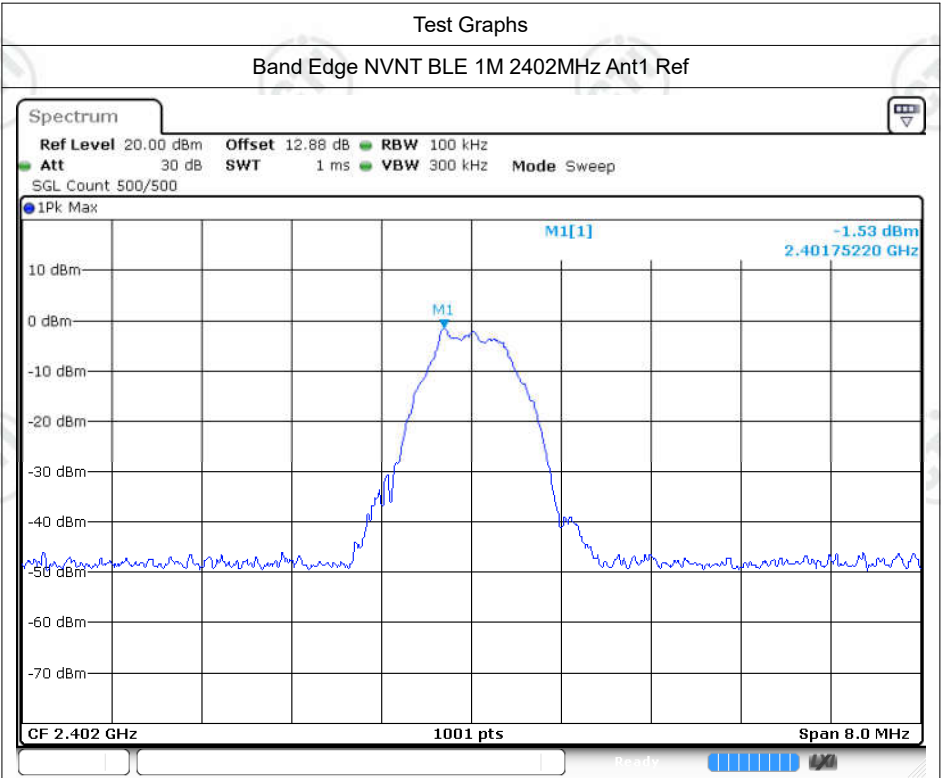
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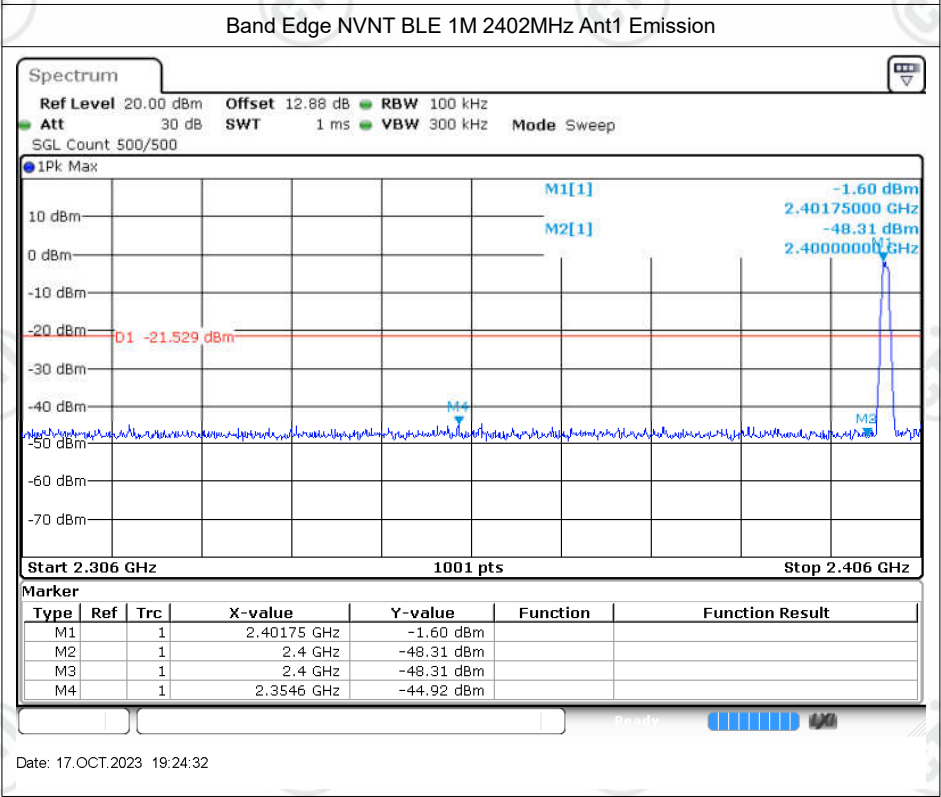
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Band Edge

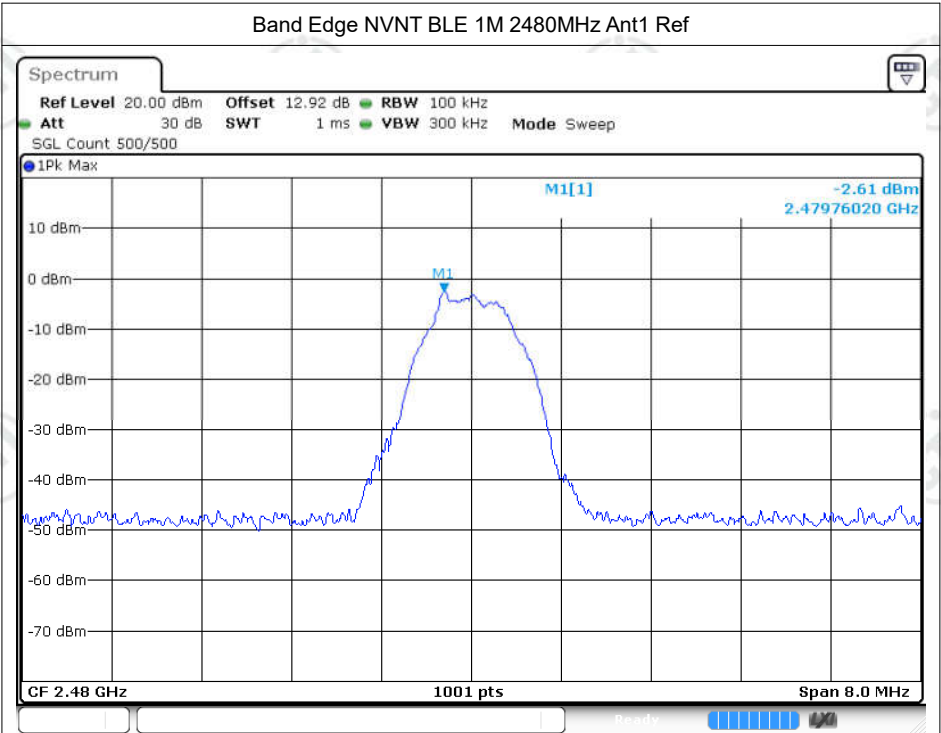
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-43.39	-20	Pass
NVNT	BLE 1M	2480	Ant1	-42.5	-20	Pass
NVNT	BLE 2M	2402	Ant1	-42.66	-20	Pass
NVNT	BLE 2M	2480	Ant1	-41.93	-20	Pass



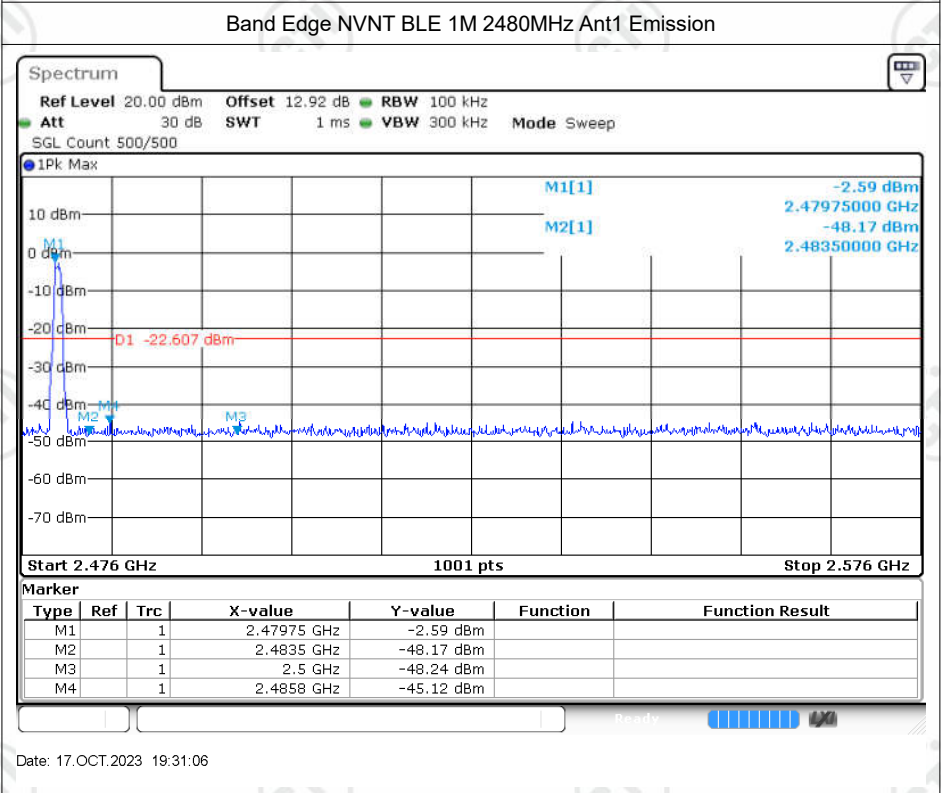
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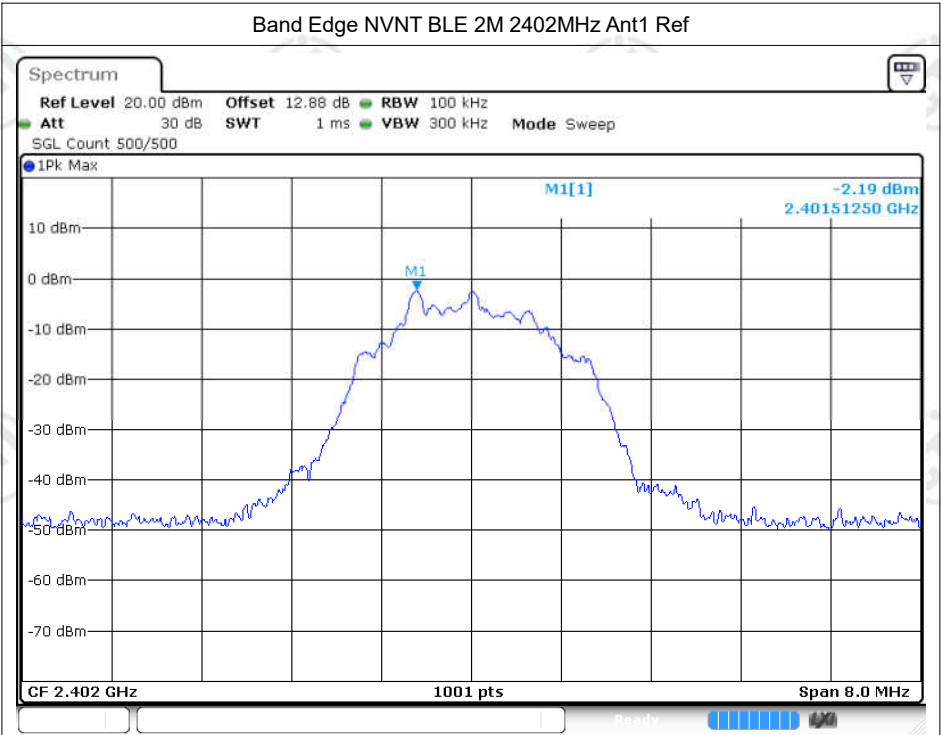
Date: 17.OCT.2023 19:24:32



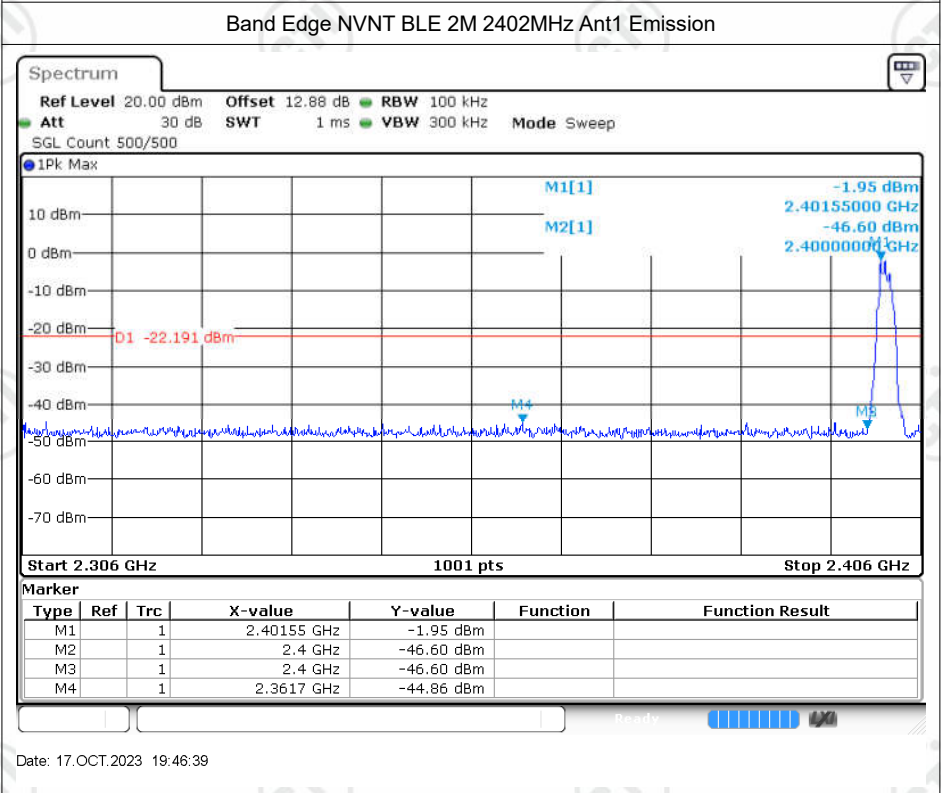
Date: 17.OCT.2023 19:31:04



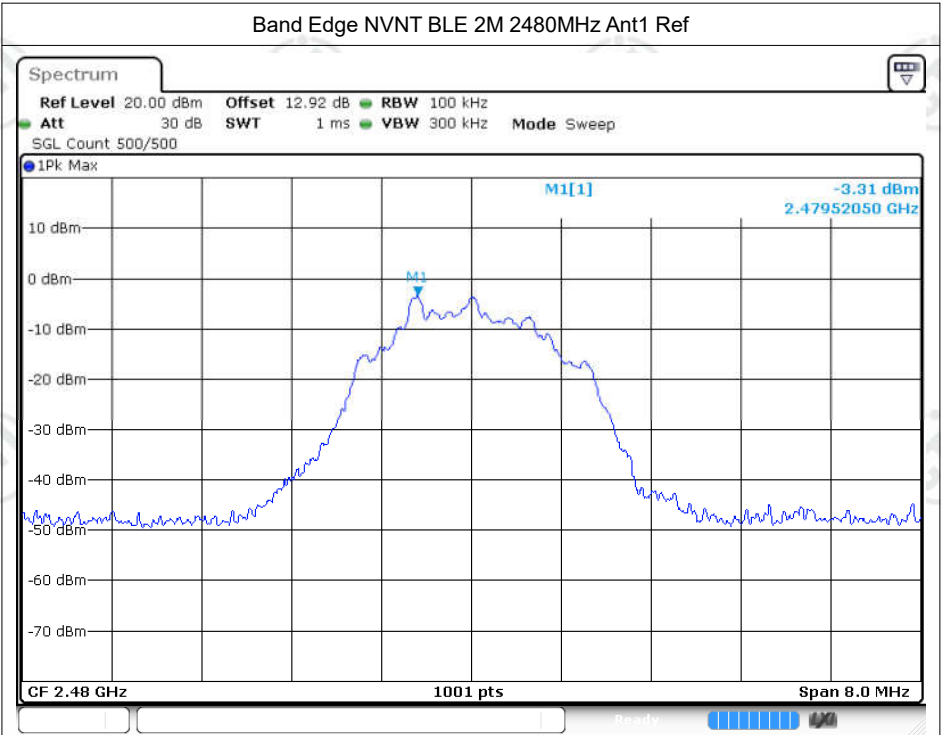
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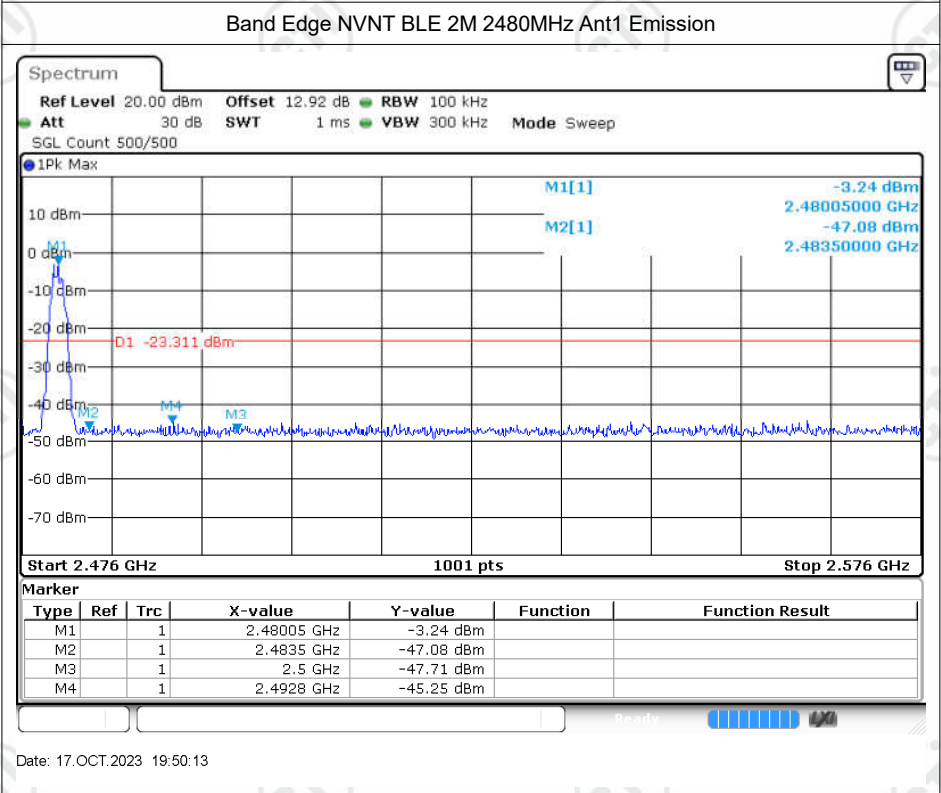
Date: 17.OCT.2023 19:46:36



Date: 17.OCT.2023 19:46:39



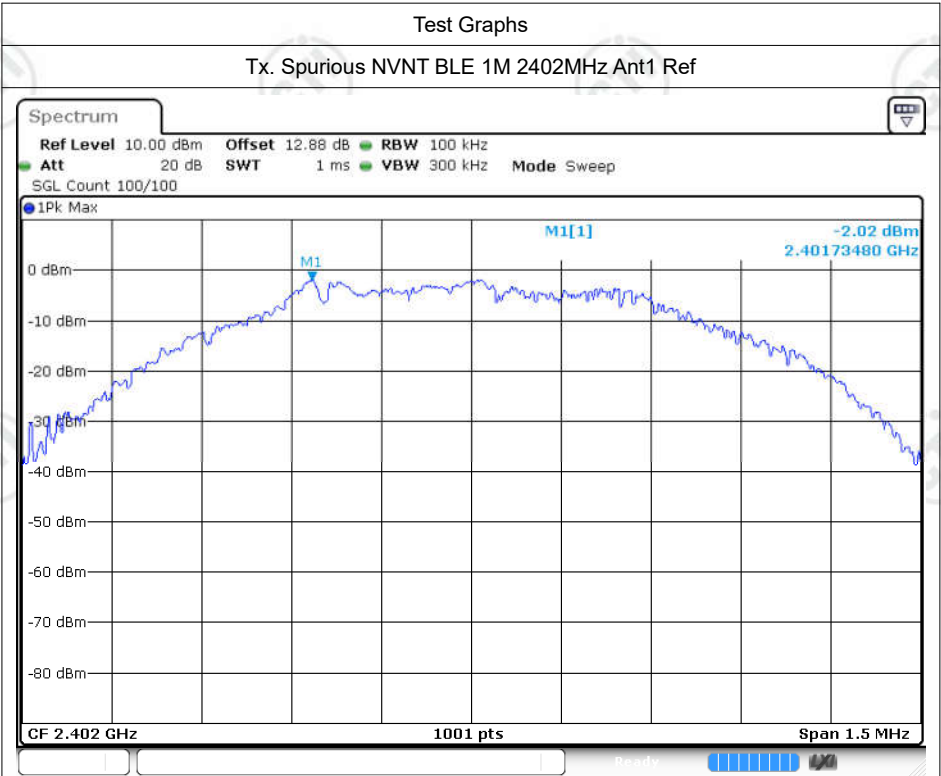
Date: 17.OCT.2023 19:50:11



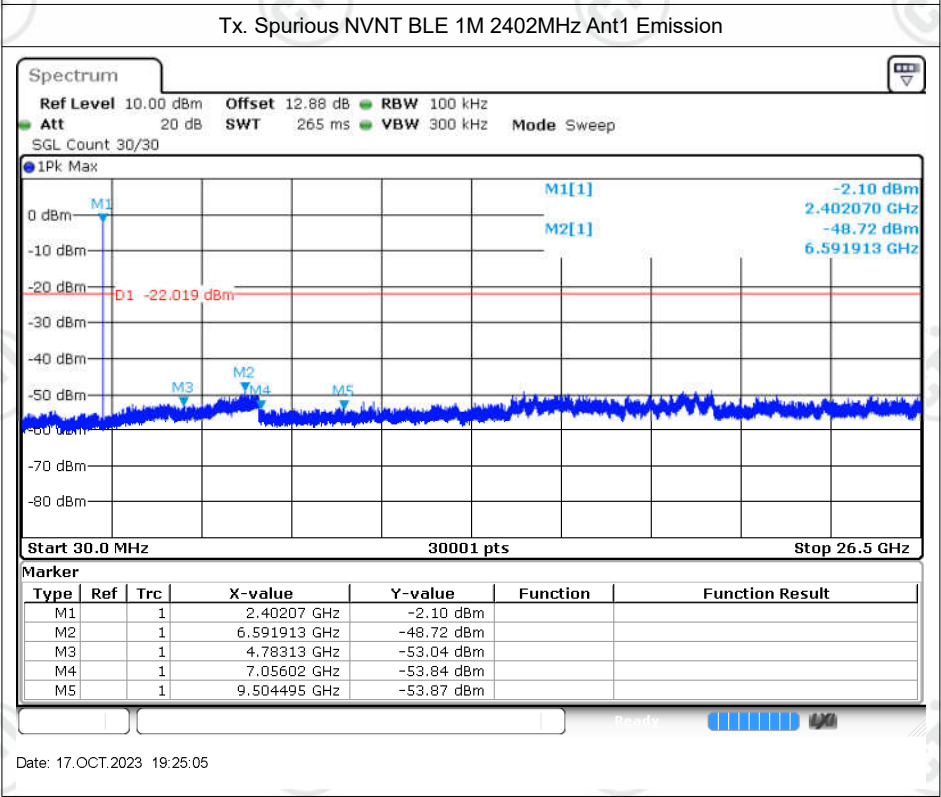
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Conducted RF Spurious Emission

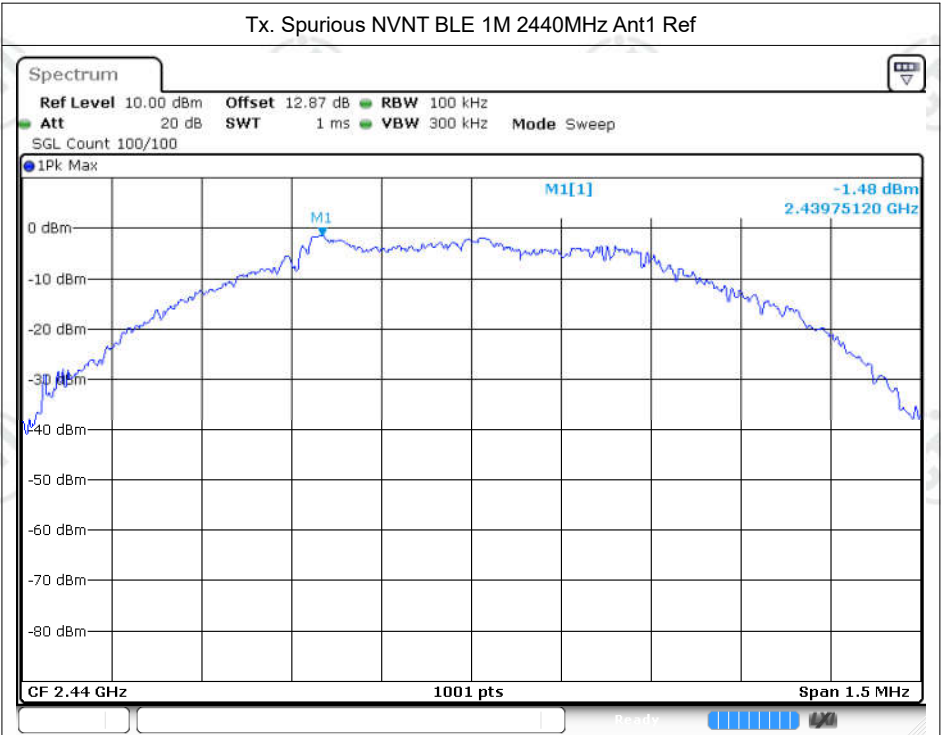
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.69	-20	Pass
NVNT	BLE 1M	2440	Ant1	-47.31	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.55	-20	Pass
NVNT	BLE 2M	2402	Ant1	-45.95	-20	Pass
NVNT	BLE 2M	2440	Ant1	-46.94	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.32	-20	Pass



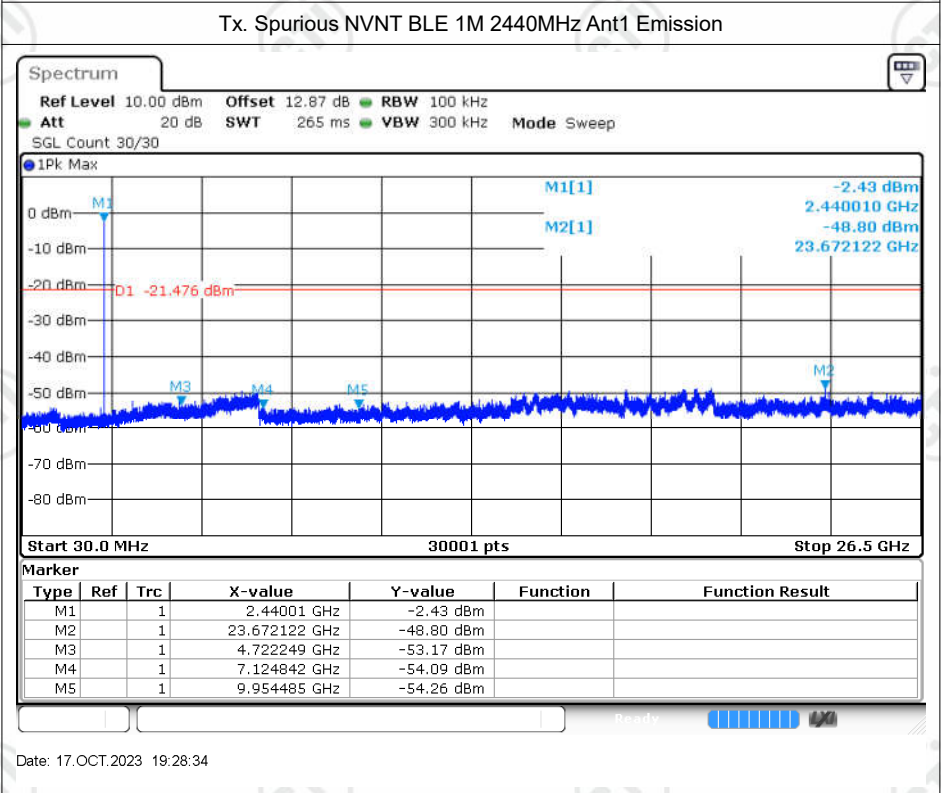
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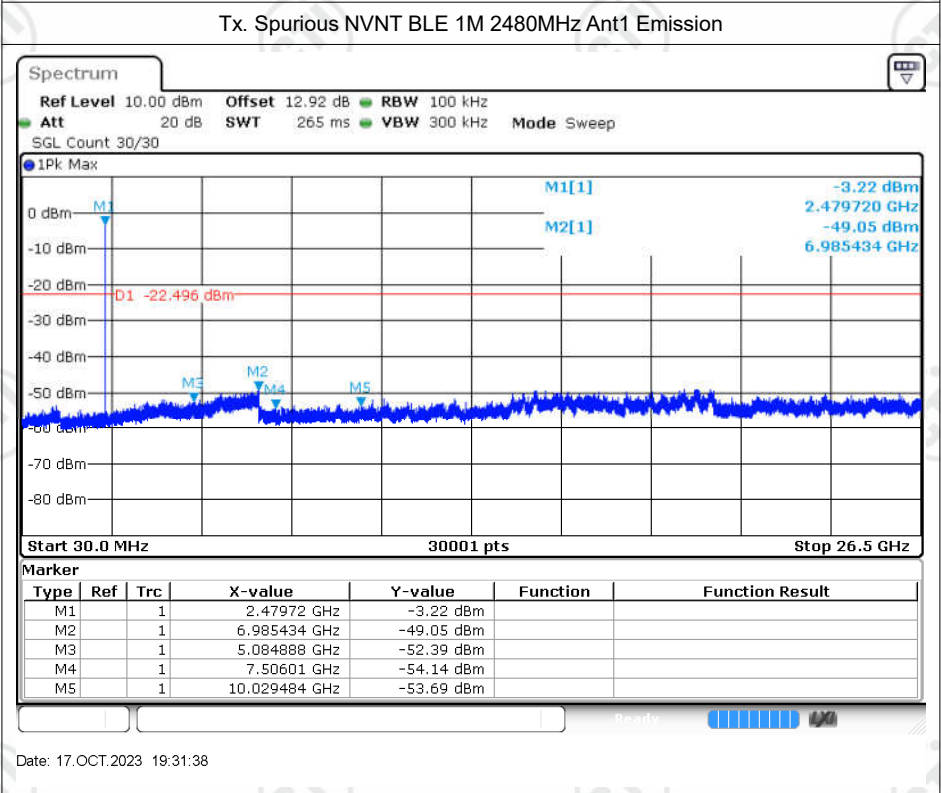
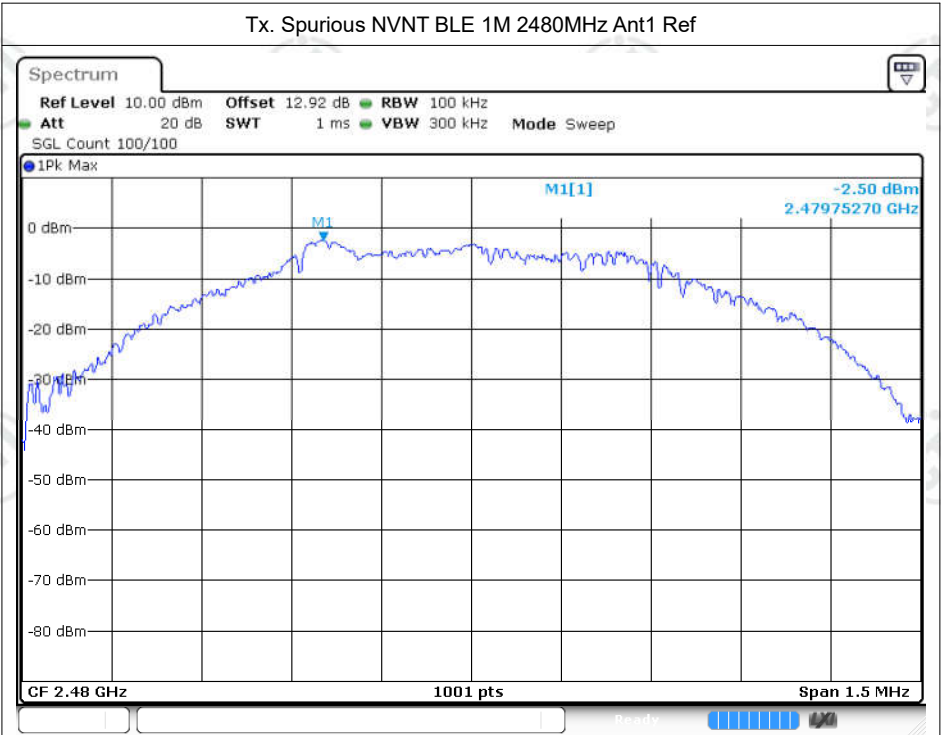
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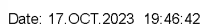


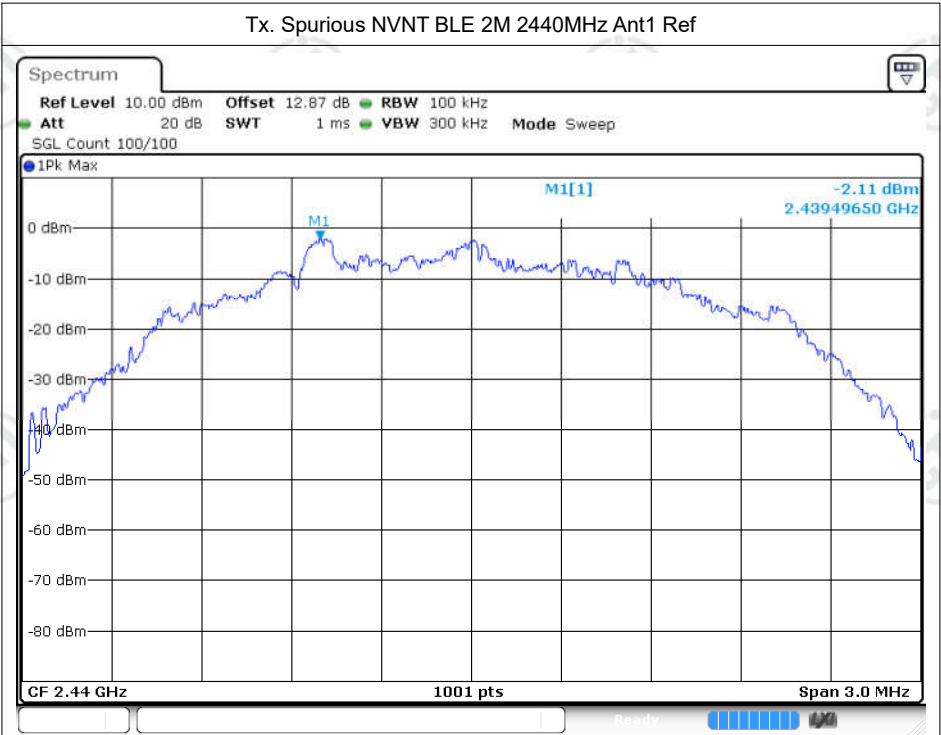
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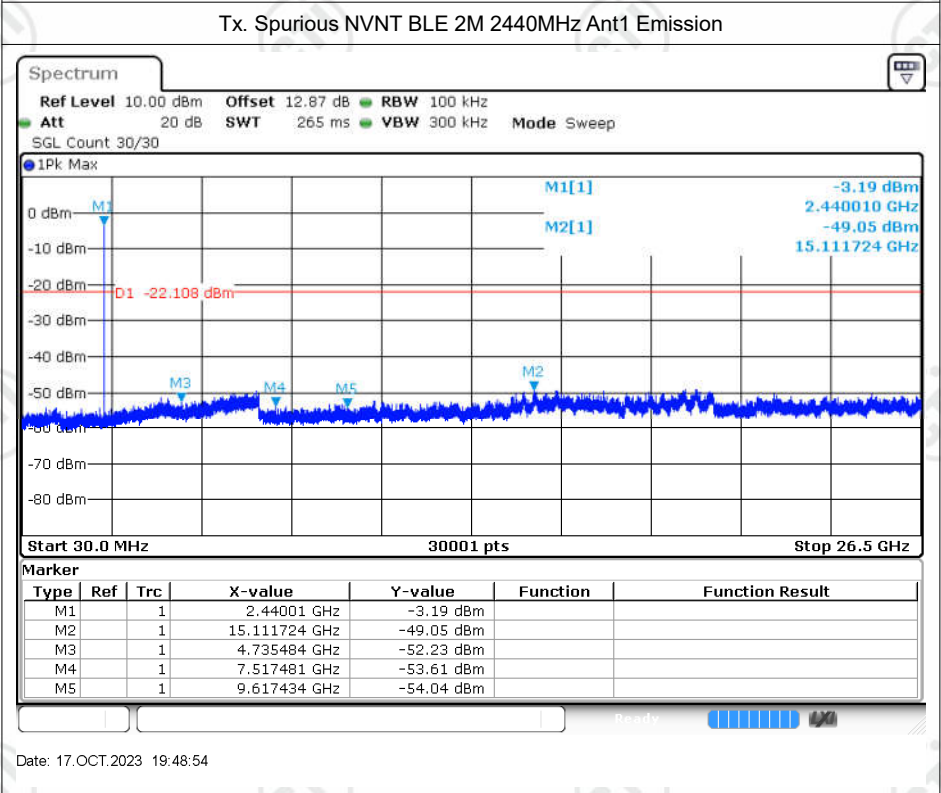
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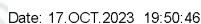
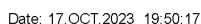




Date: 17.OCT.2023 19:48:24



Date: 17.OCT.2023 19:48:54



*** End of Report ***