

Appendix: Bluetooth LE

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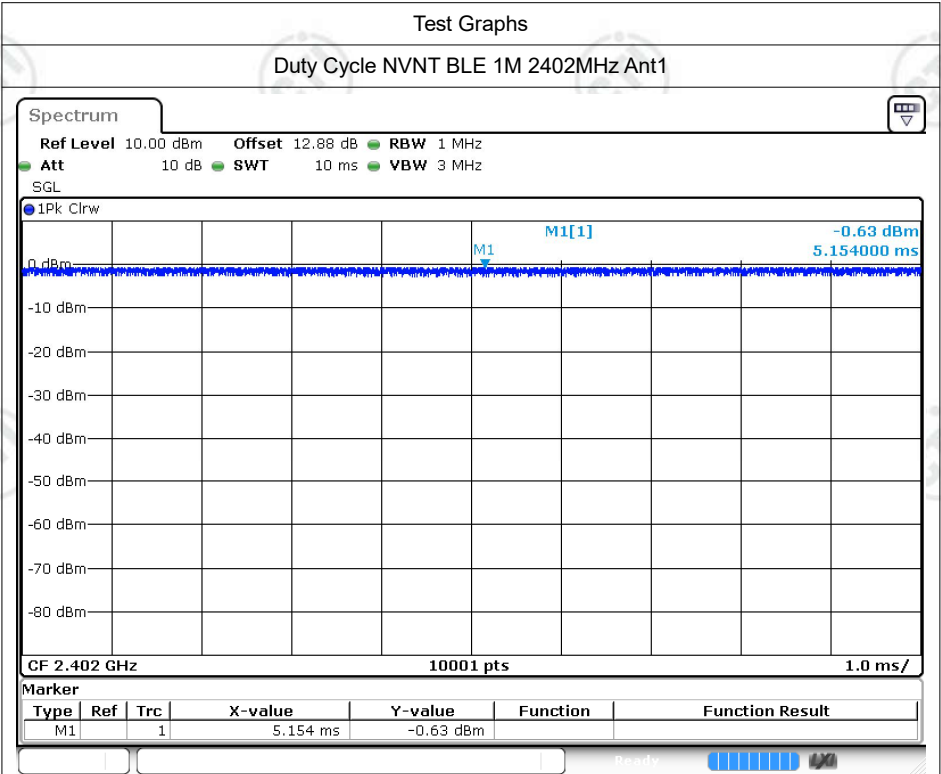
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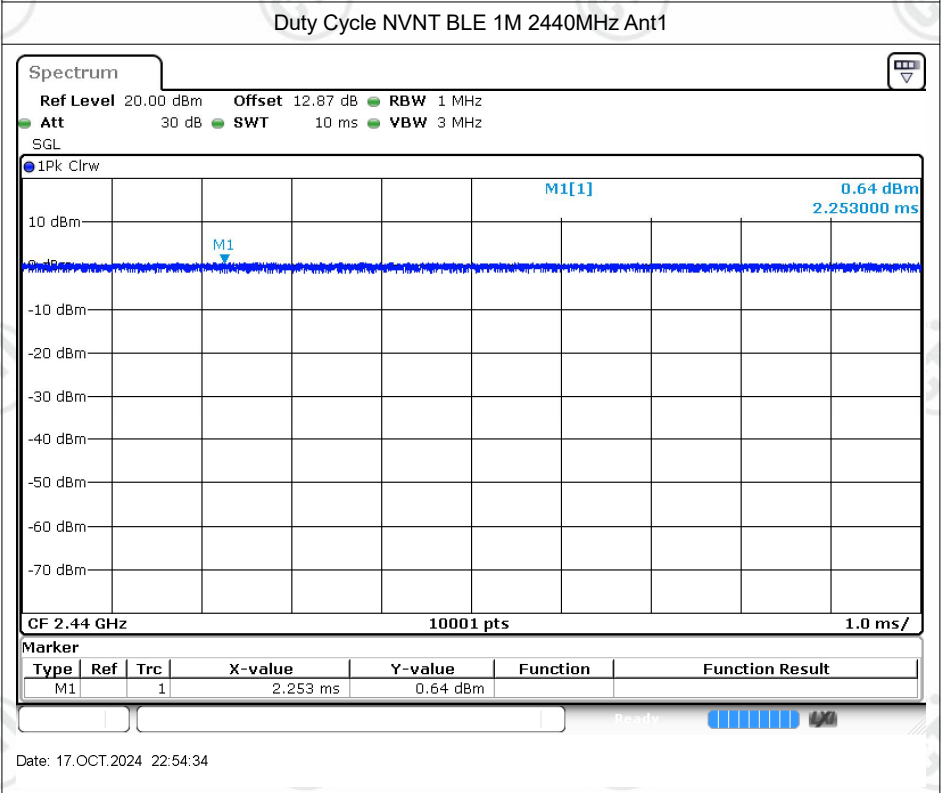
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	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

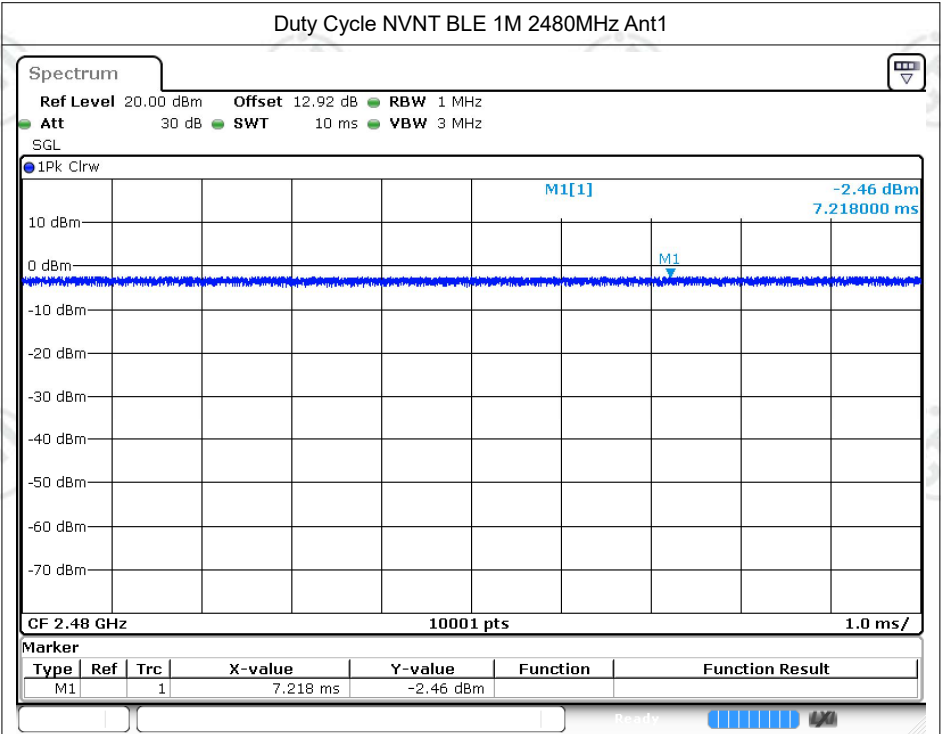
Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);



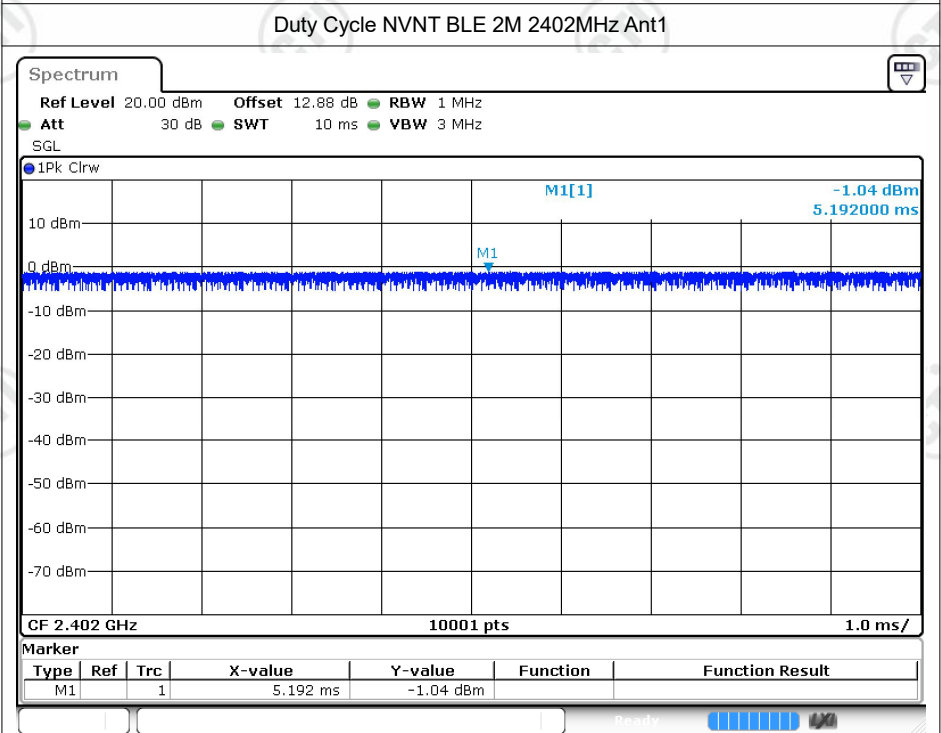
Date: 17.OCT.2024 22:48:27



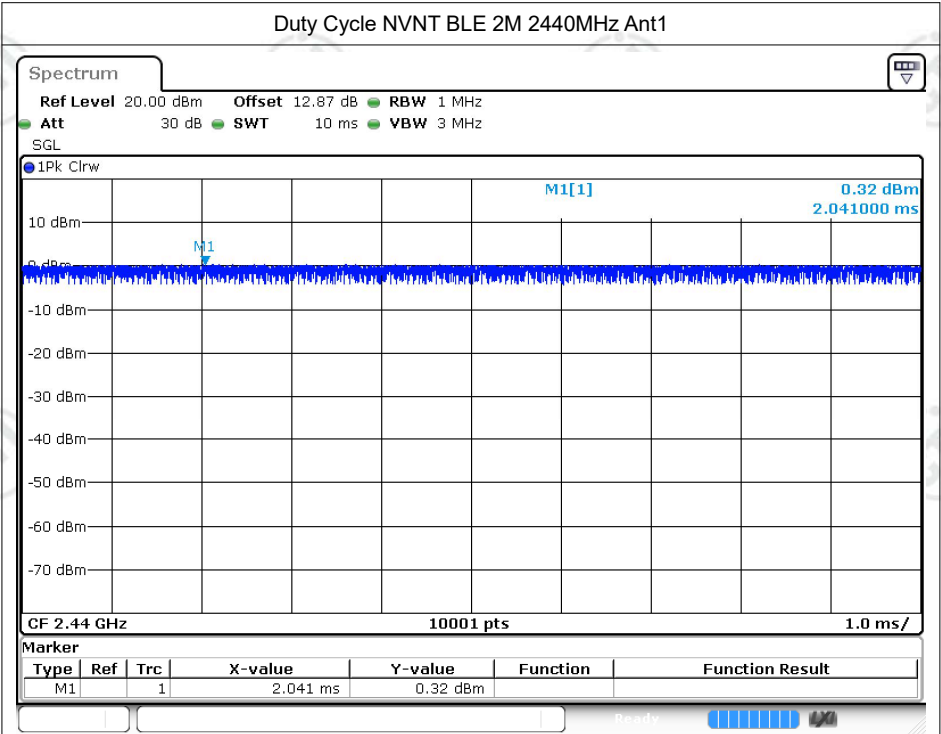
Date: 17.OCT.2024 22:54:34



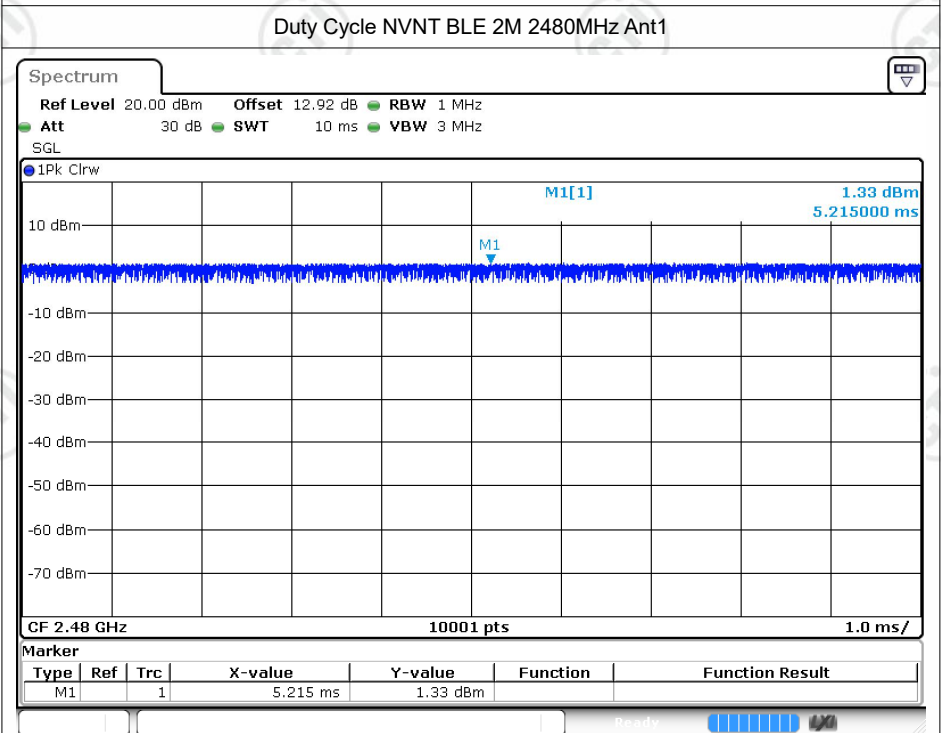
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Date: 17.OCT.2024 23:01:10



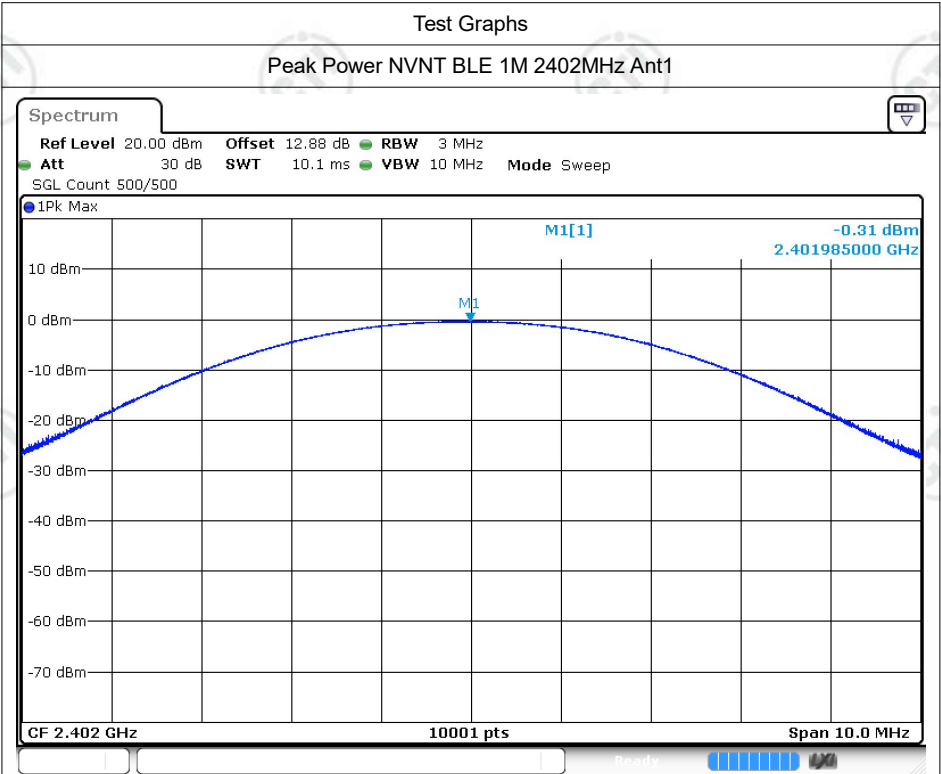
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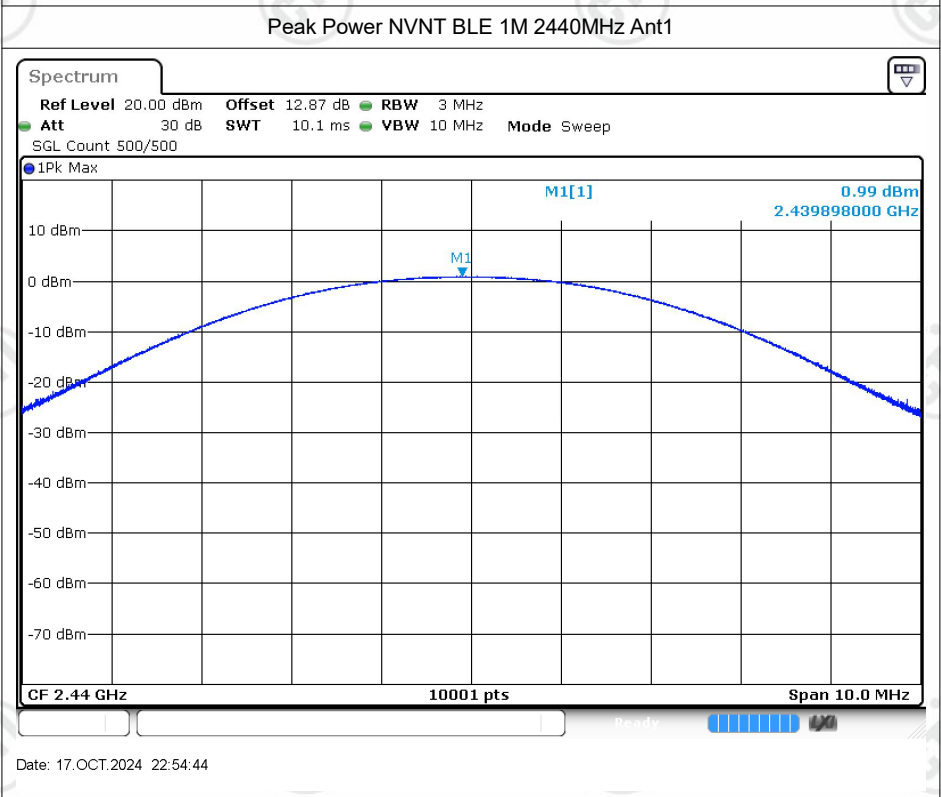
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Maximum Peak Conducted Output Power

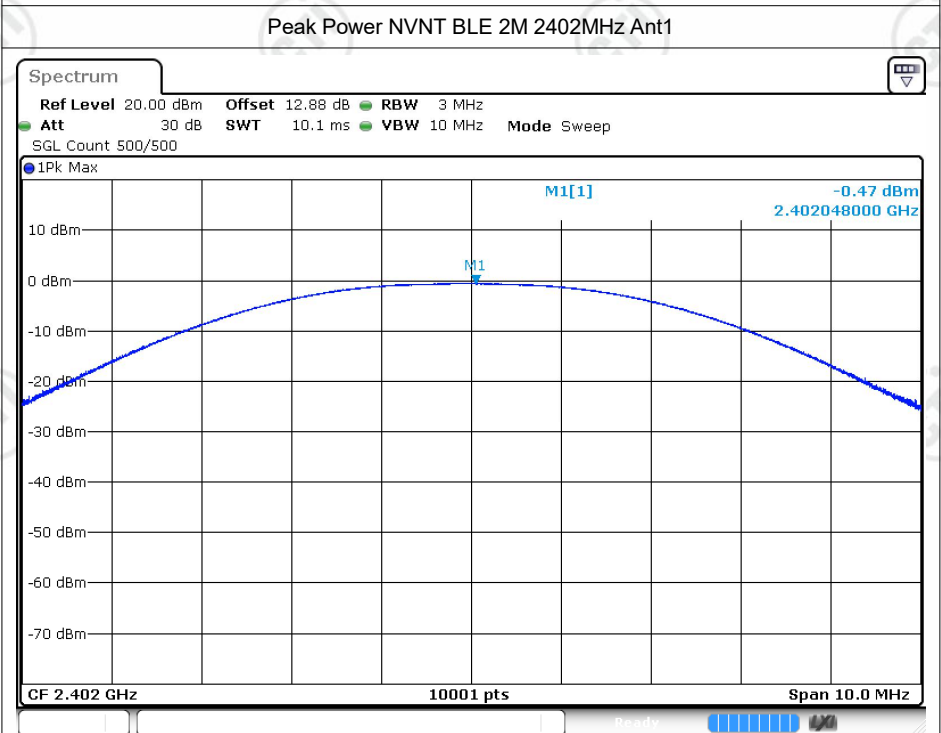
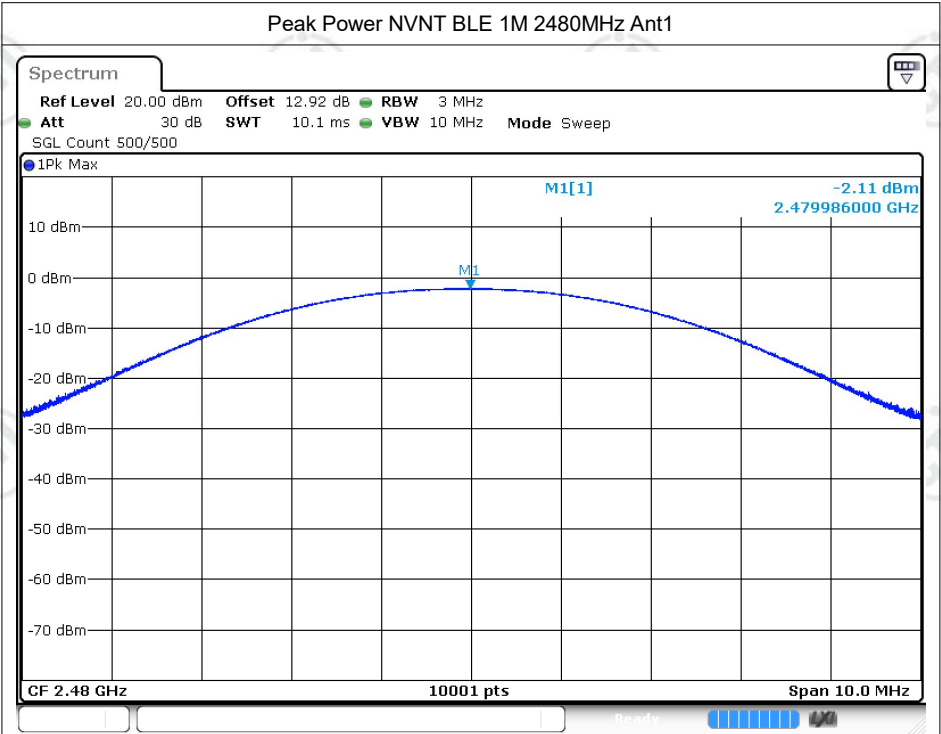
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.31	30	Pass
NVNT	BLE 1M	2440	Ant1	0.99	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.11	30	Pass
NVNT	BLE 2M	2402	Ant1	-0.47	30	Pass
NVNT	BLE 2M	2440	Ant1	0.87	30	Pass
NVNT	BLE 2M	2480	Ant1	1.85	30	Pass

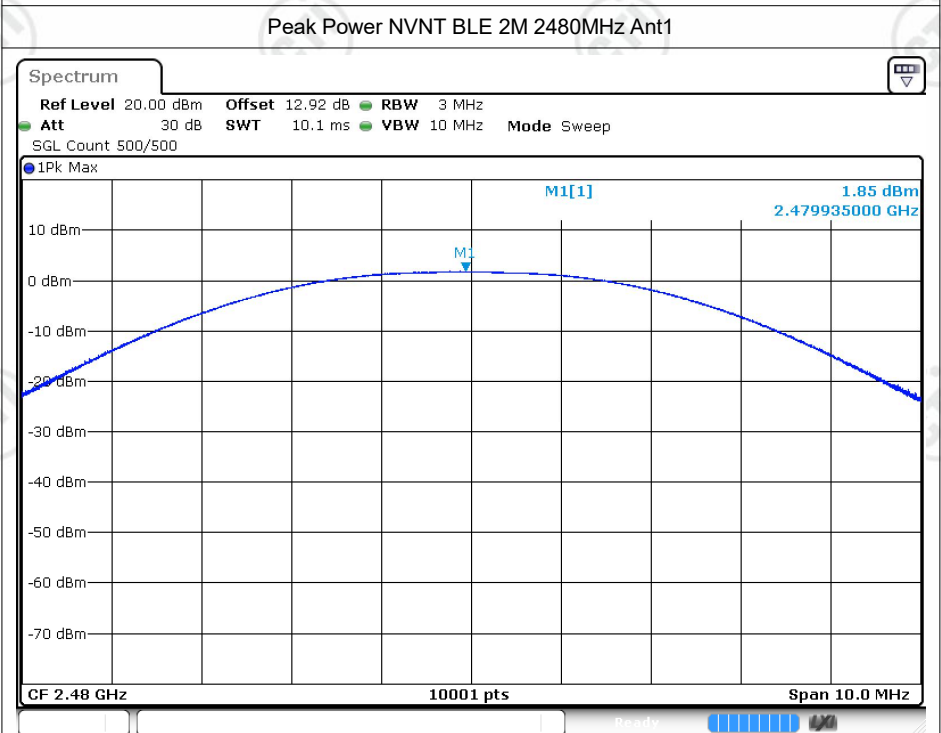
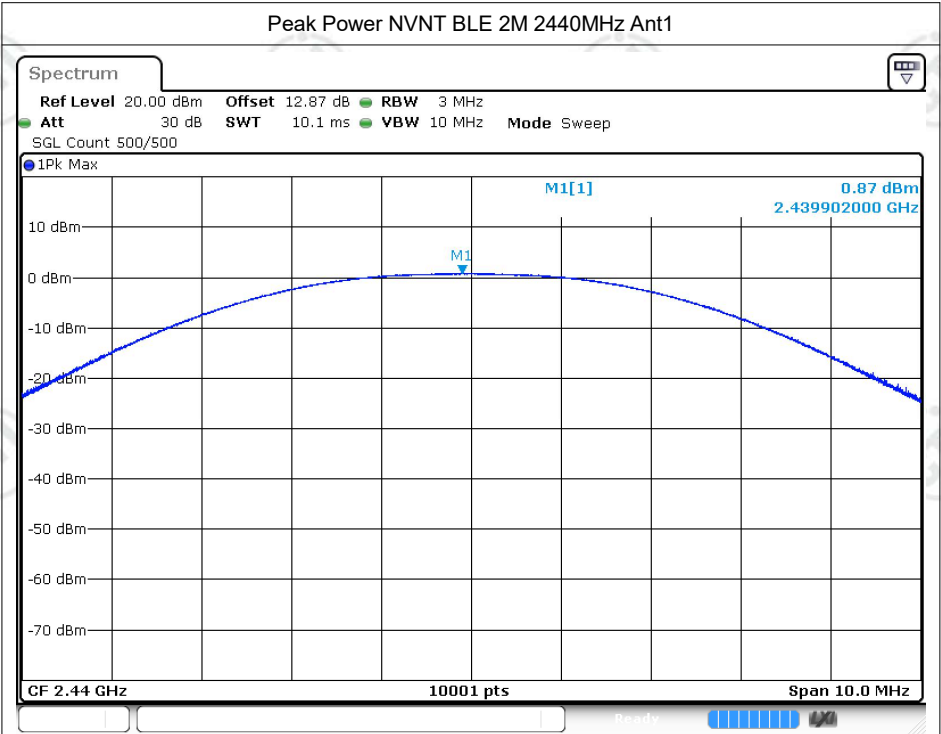


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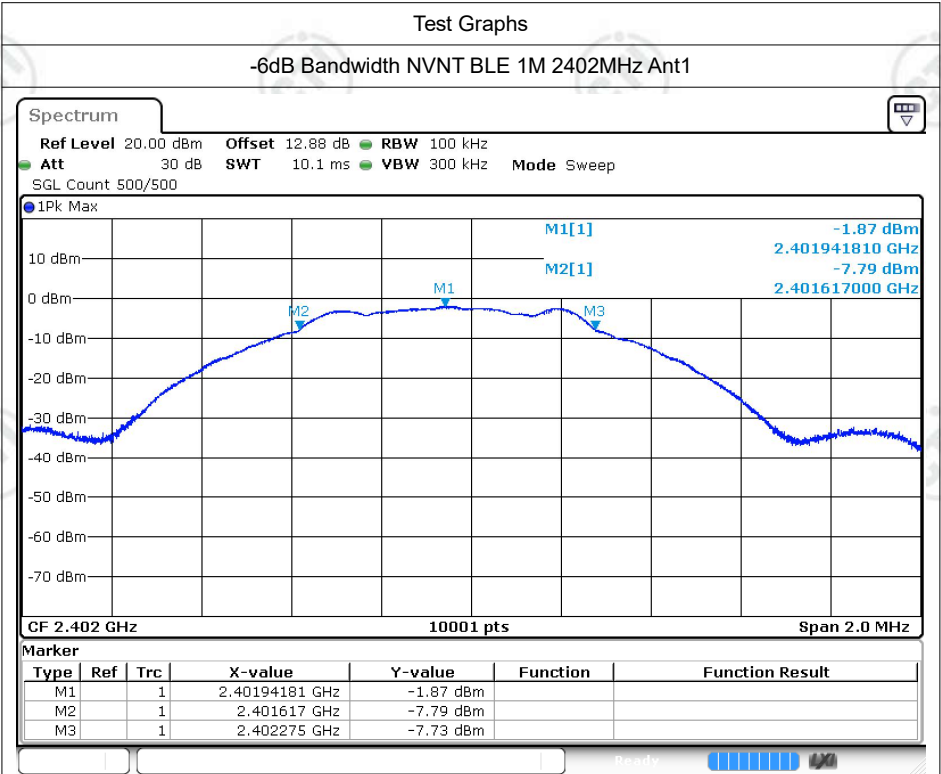
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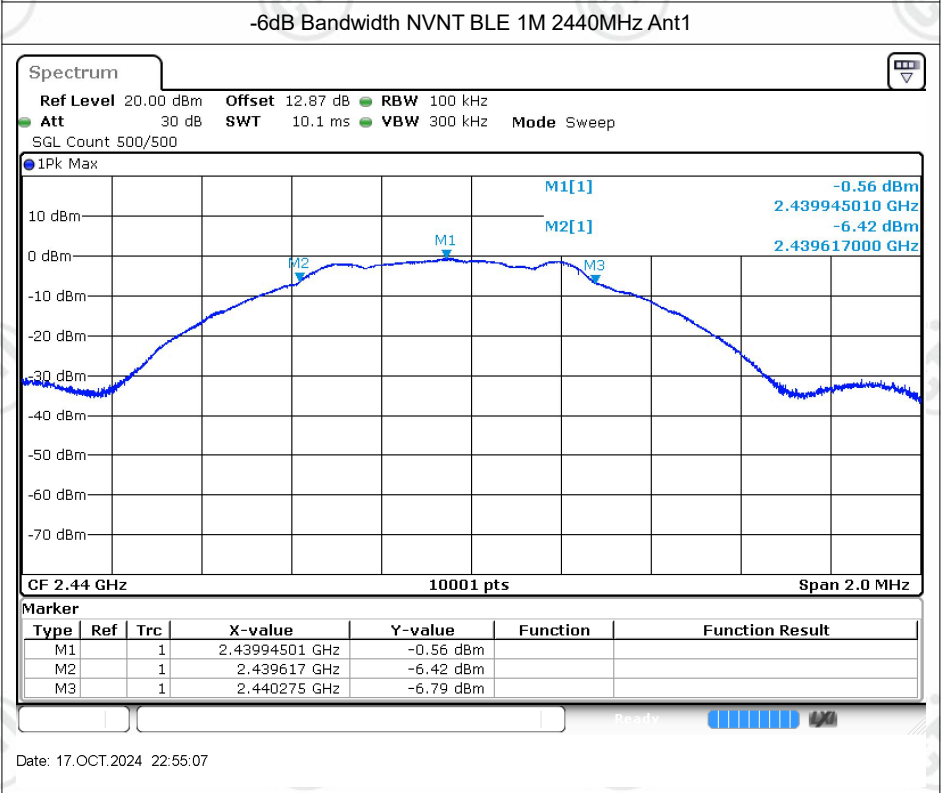


-6dB Bandwidth

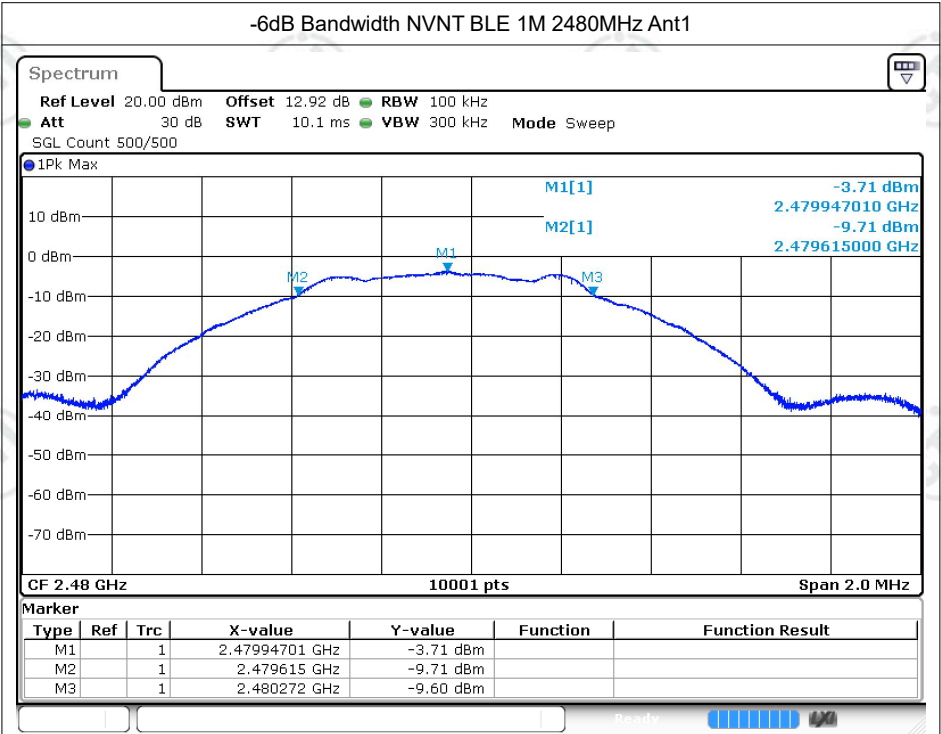
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.659	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.658	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.657	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.309	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.308	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.314	0.5	Pass



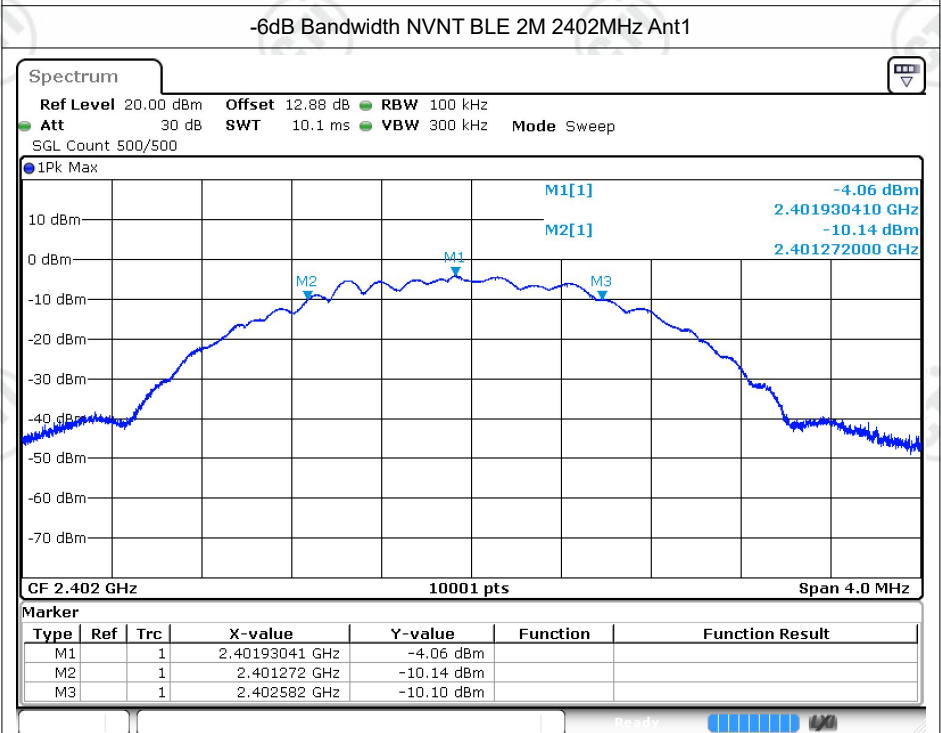
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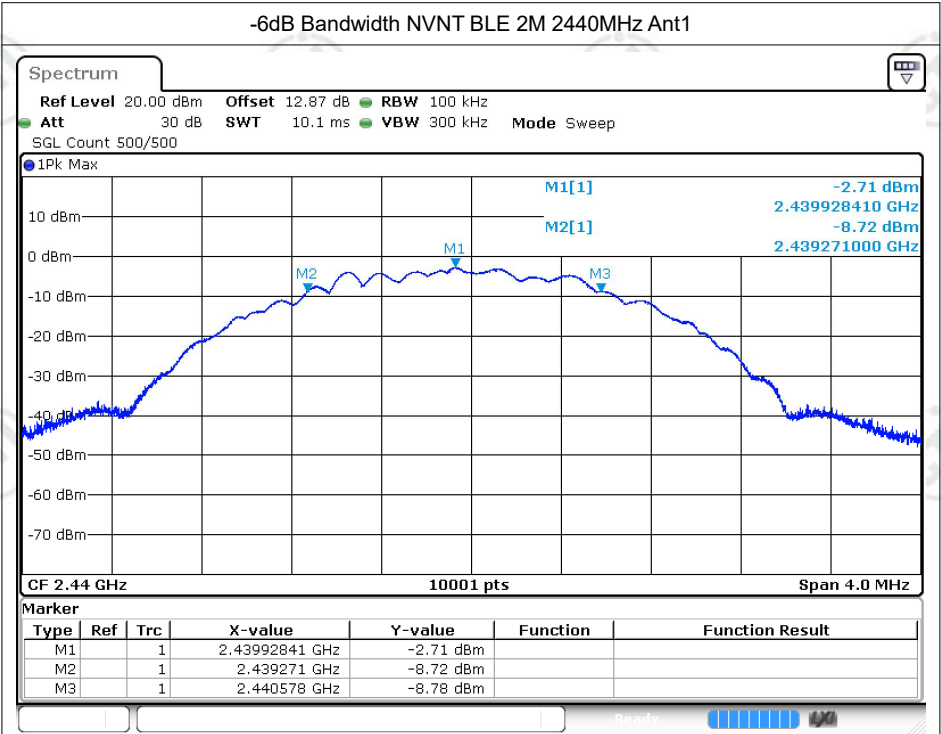
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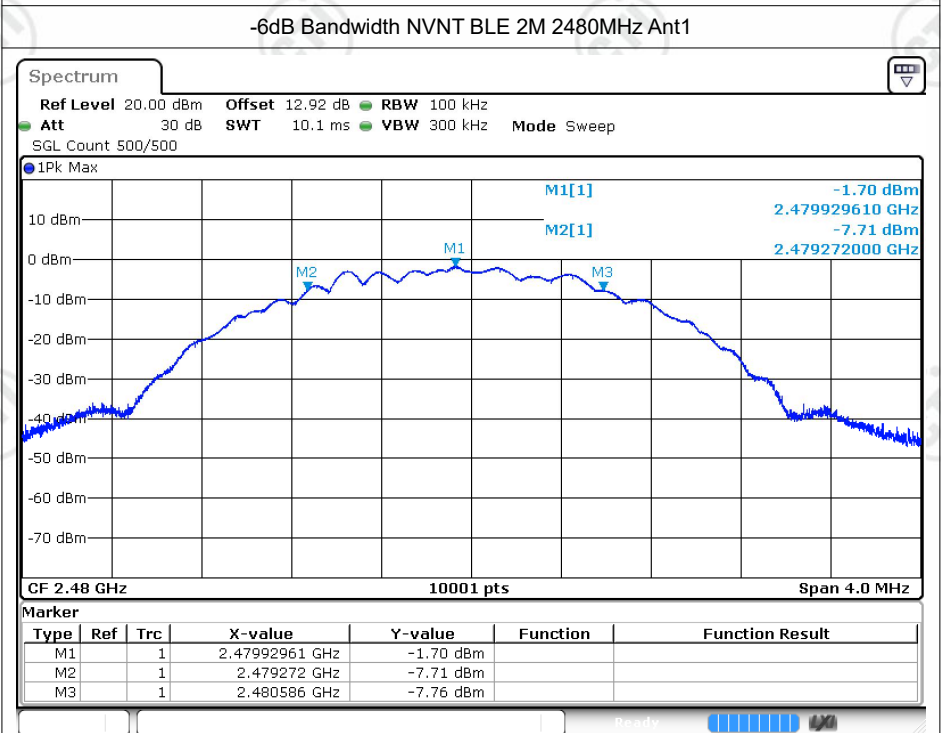
Date: 17.OCT.2024 22:59:26



Date: 17.OCT.2024 23:01:43



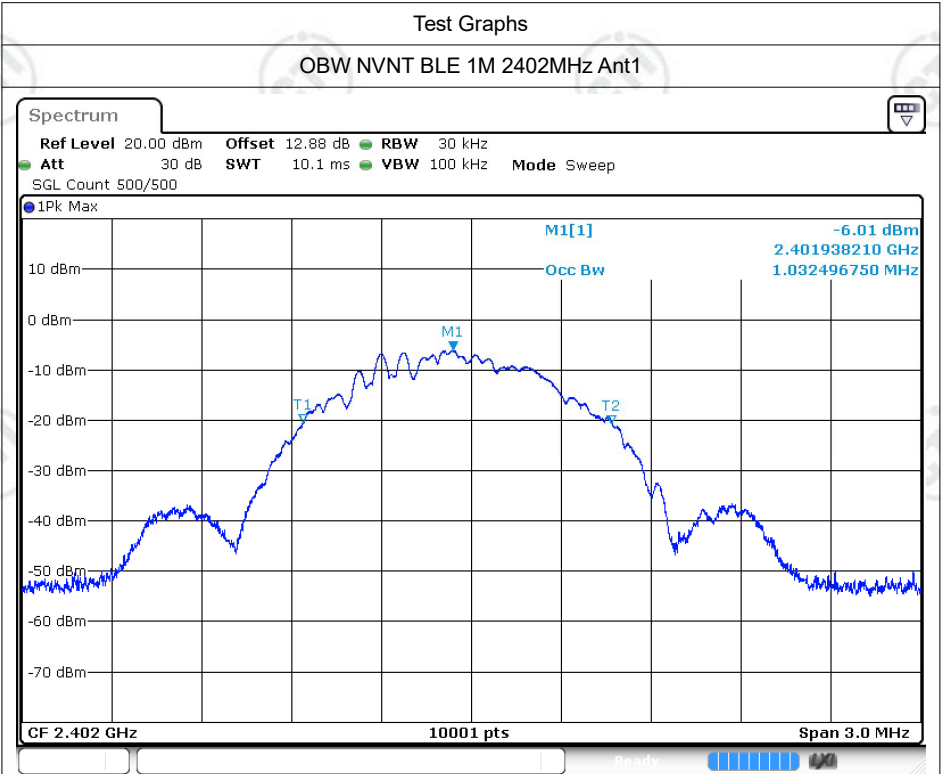
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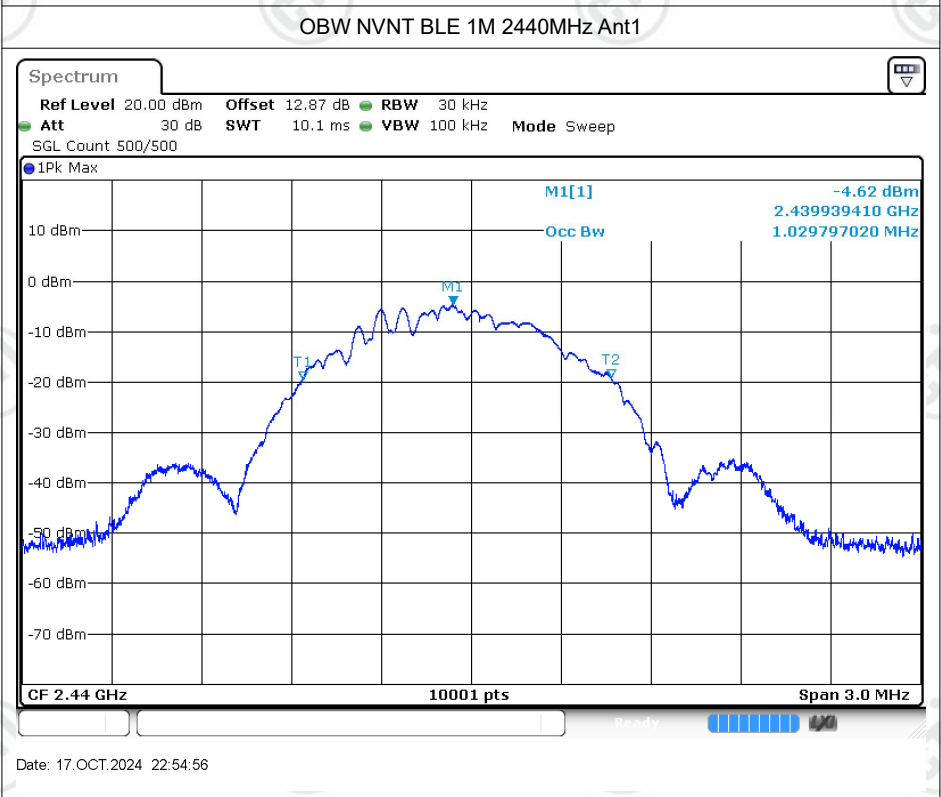
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Occupied Channel Bandwidth

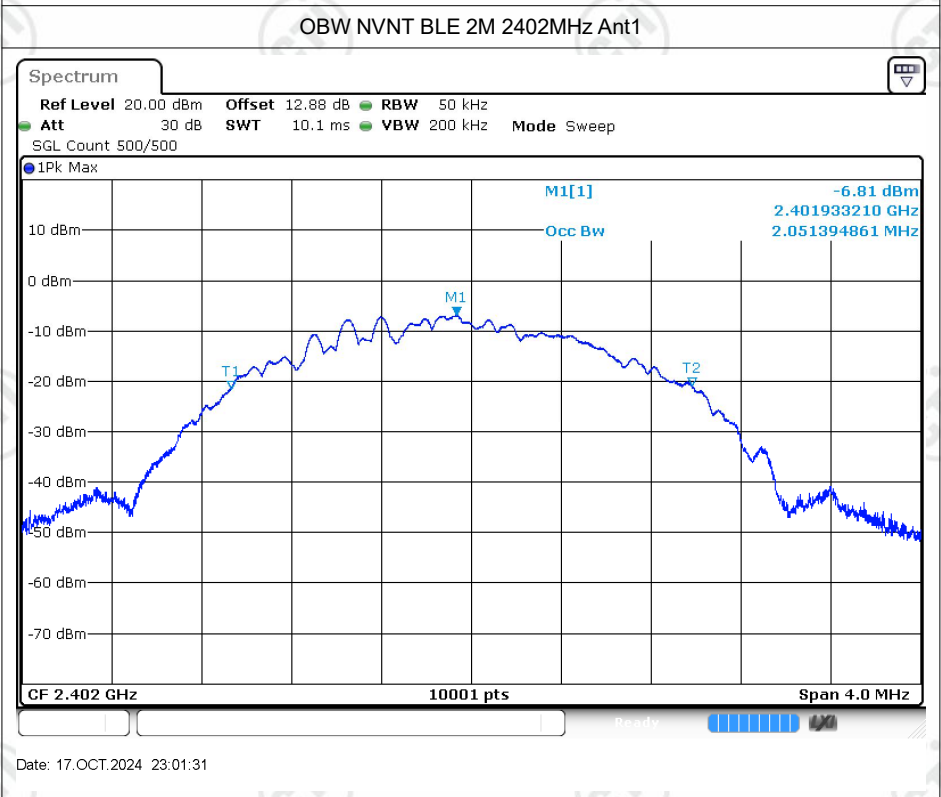
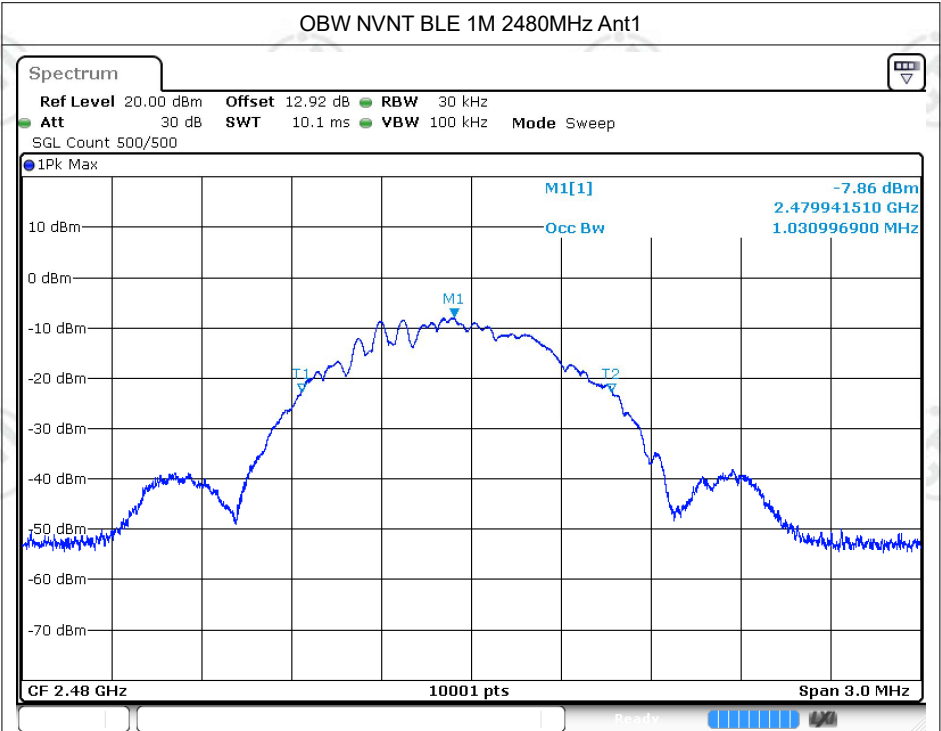
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.032
NVNT	BLE 1M	2440	Ant1	1.030
NVNT	BLE 1M	2480	Ant1	1.031
NVNT	BLE 2M	2402	Ant1	2.051
NVNT	BLE 2M	2440	Ant1	2.046
NVNT	BLE 2M	2480	Ant1	2.046

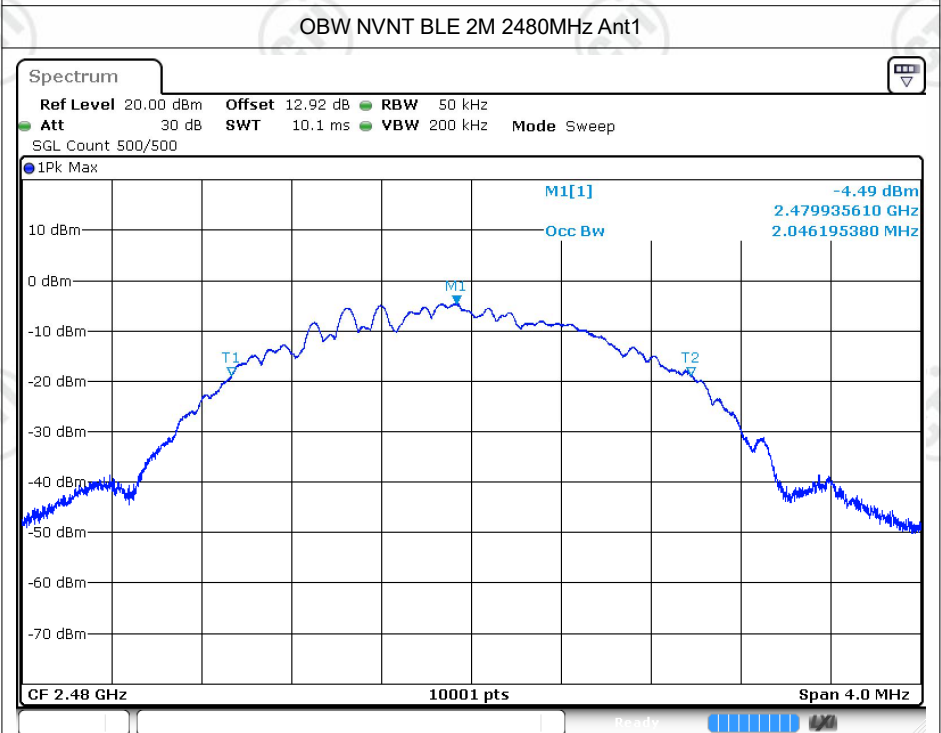
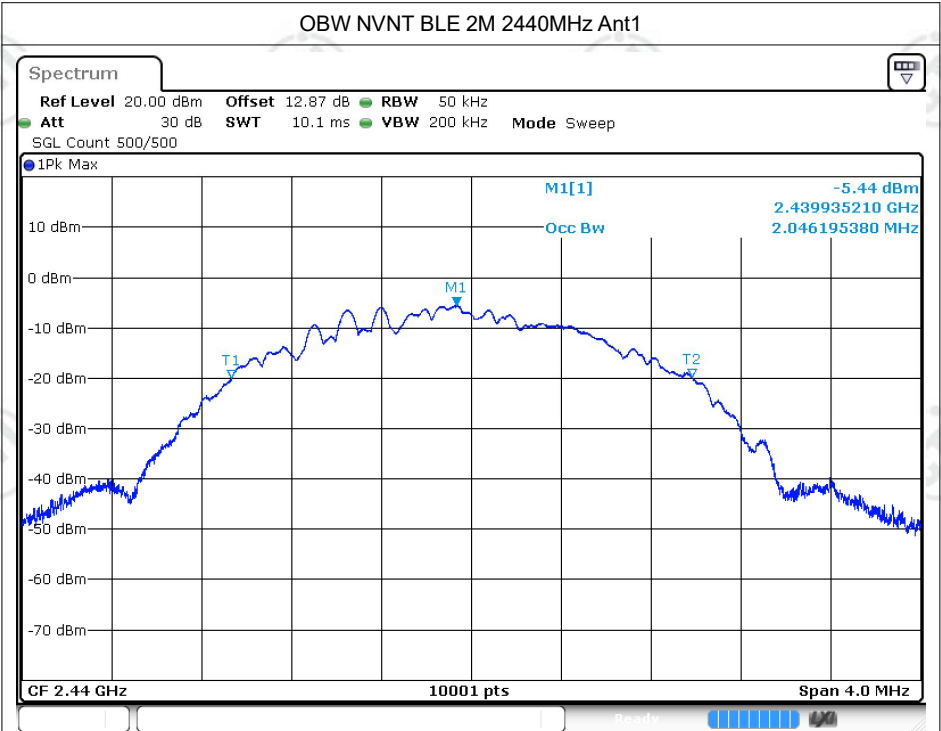


Date: 17.OCT.2024 22:48:48



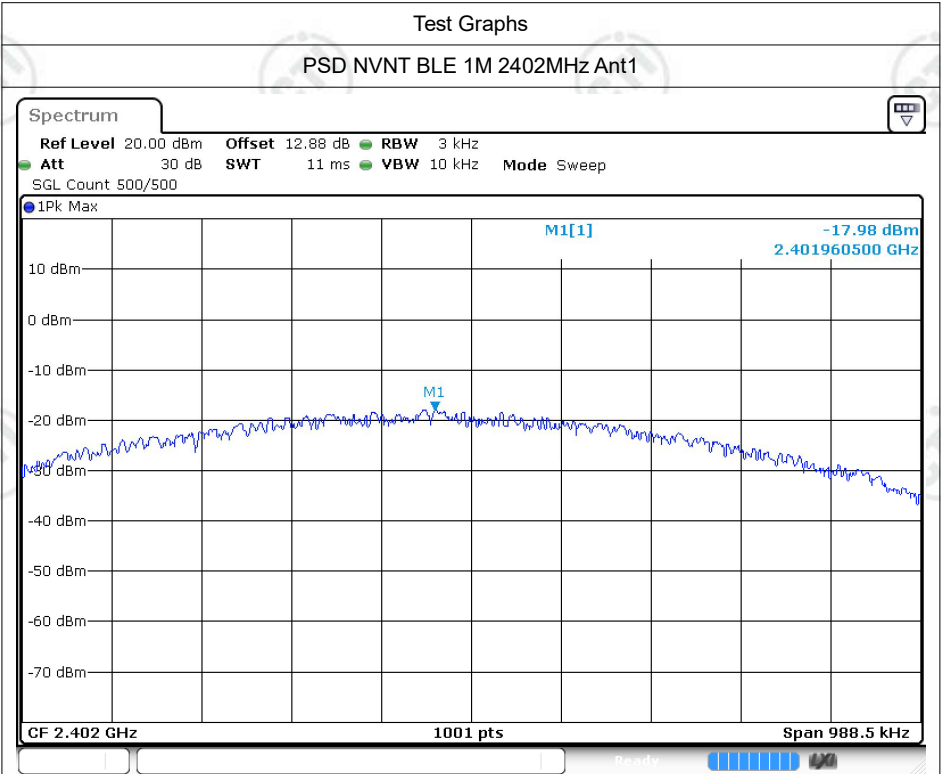
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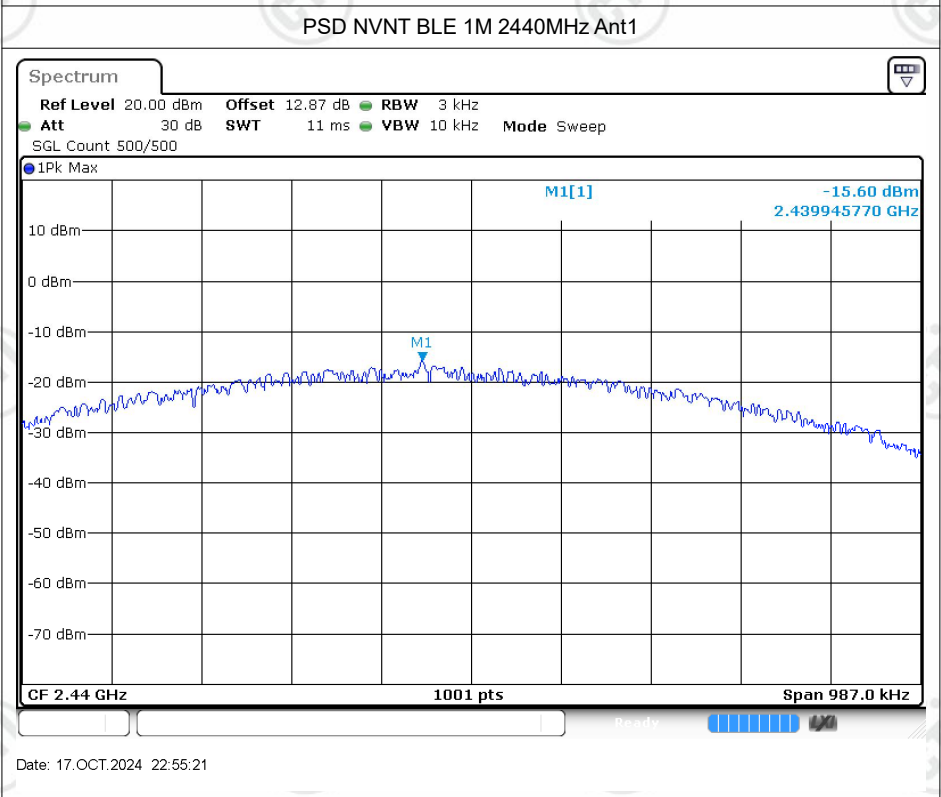


Maximum Power Spectral Density Level

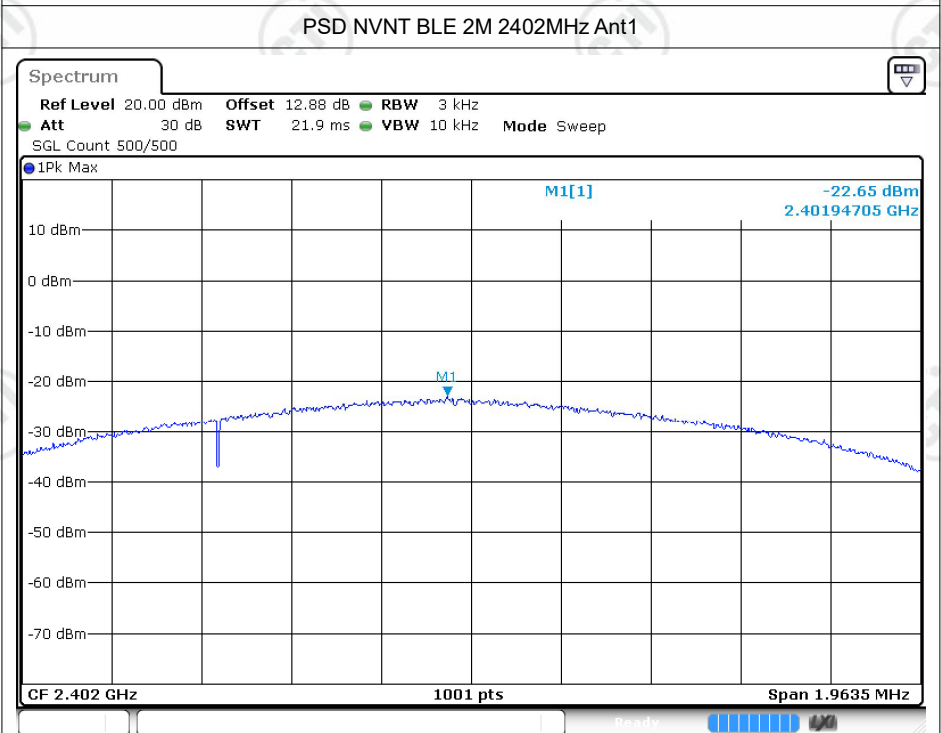
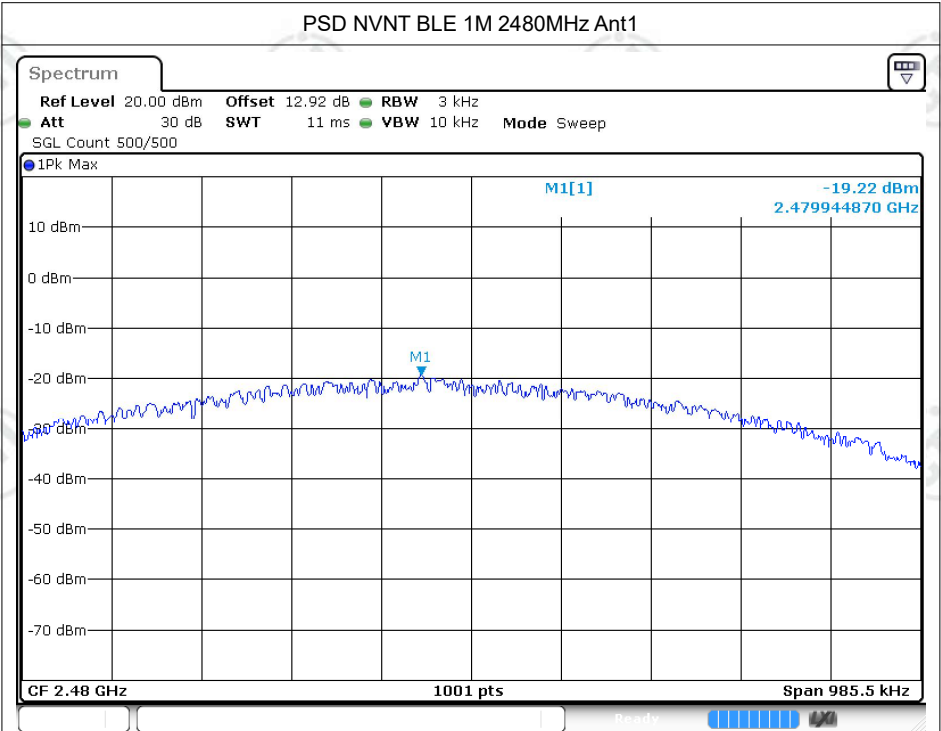
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-17.98	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.6	8	Pass
NVNT	BLE 1M	2480	Ant1	-19.22	8	Pass
NVNT	BLE 2M	2402	Ant1	-22.65	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.93	8	Pass
NVNT	BLE 2M	2480	Ant1	-19.07	8	Pass

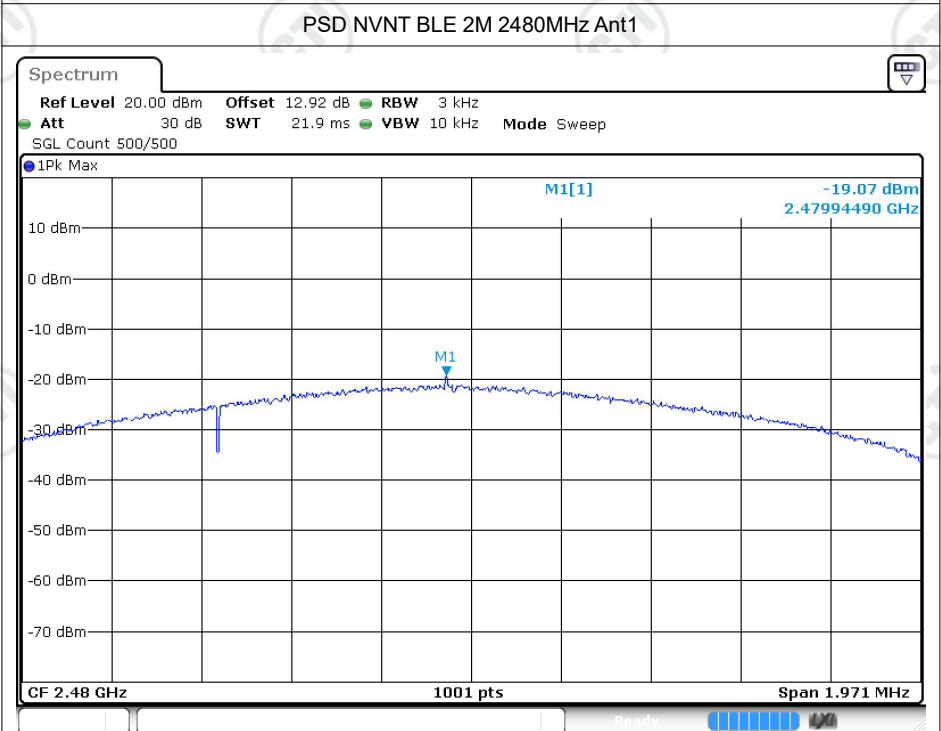
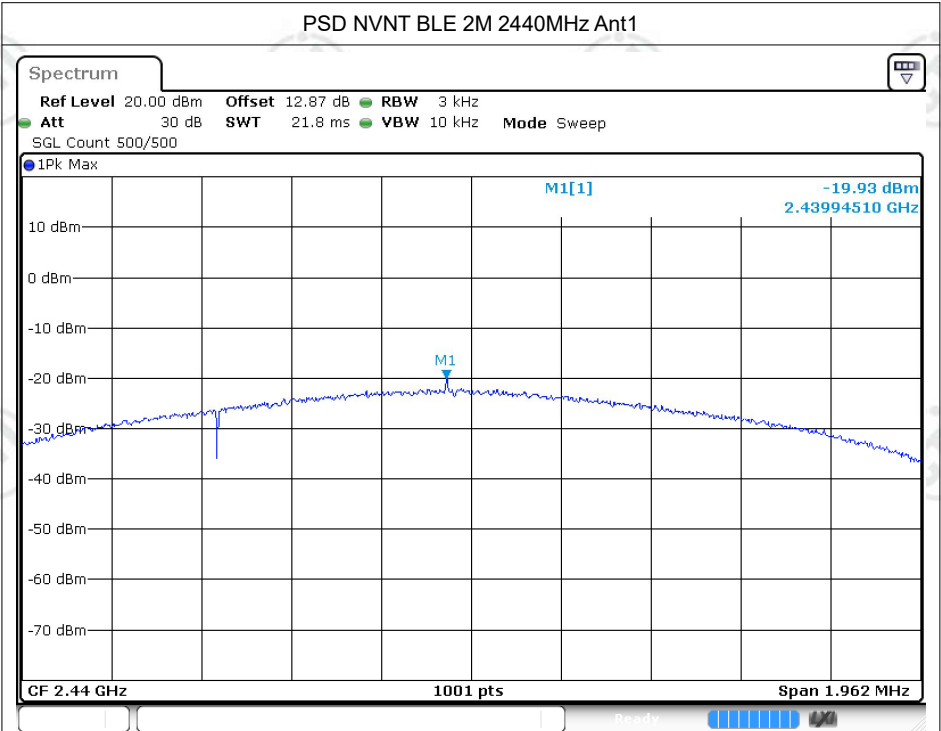


Date: 17.OCT.2024 22:49:13



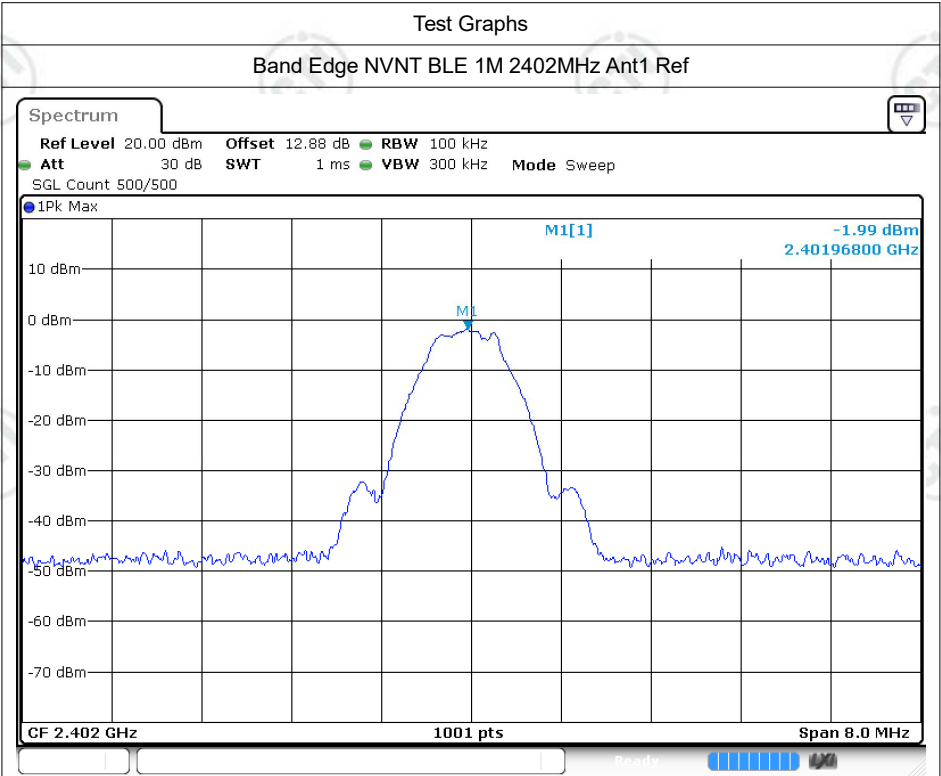
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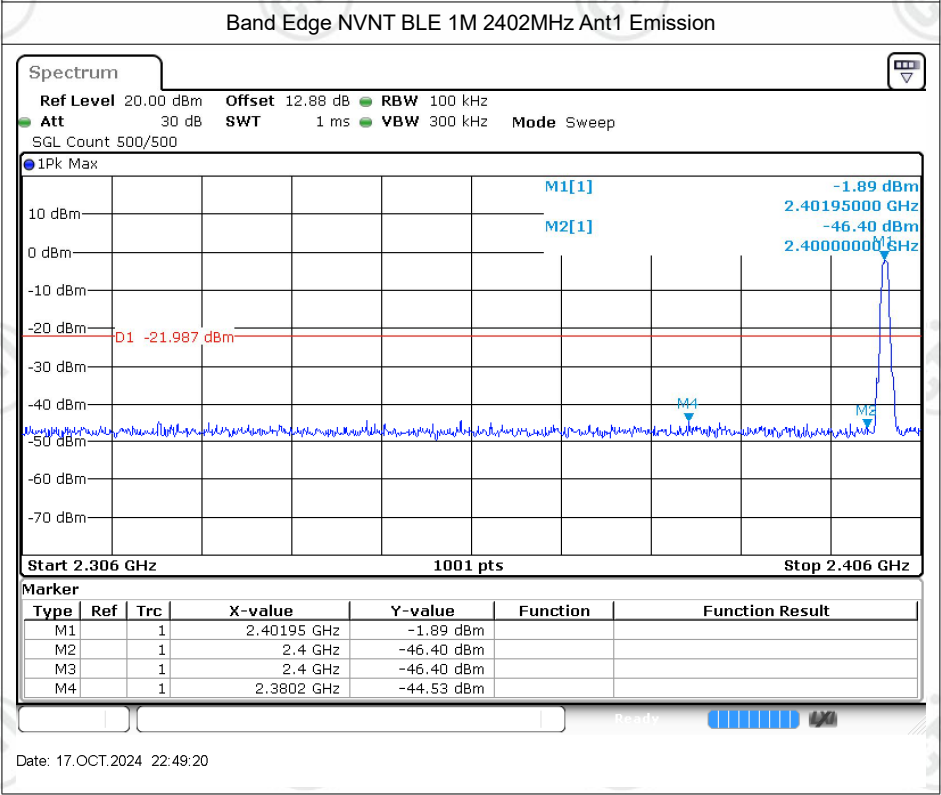


Band Edge

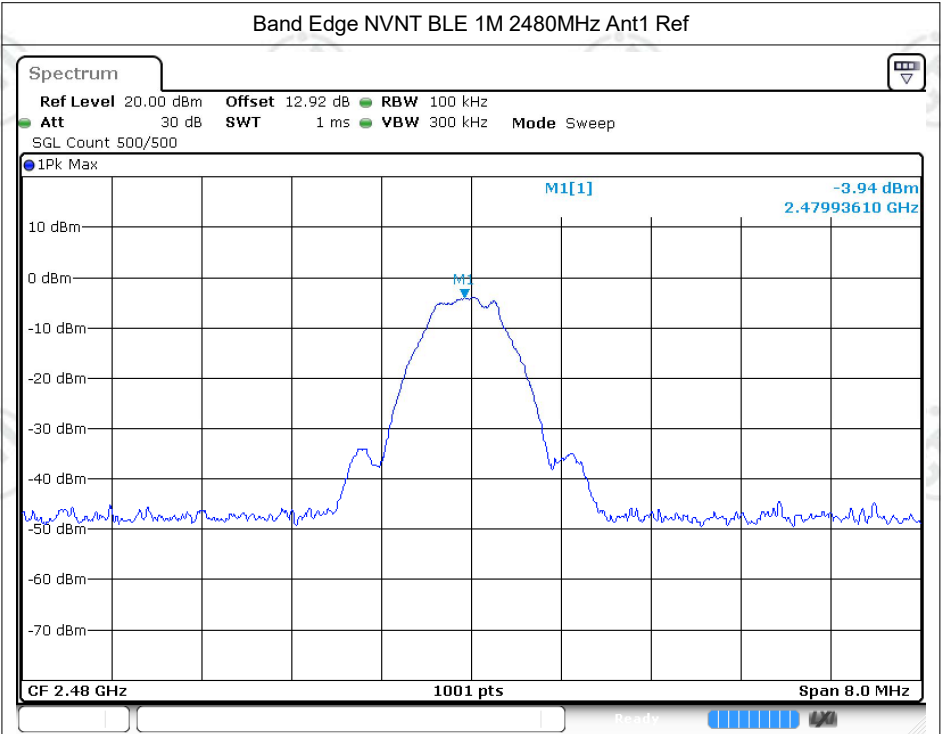
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-42.53	-20	Pass
NVNT	BLE 1M	2480	Ant1	-41.13	-20	Pass
NVNT	BLE 2M	2402	Ant1	-40.53	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.36	-20	Pass



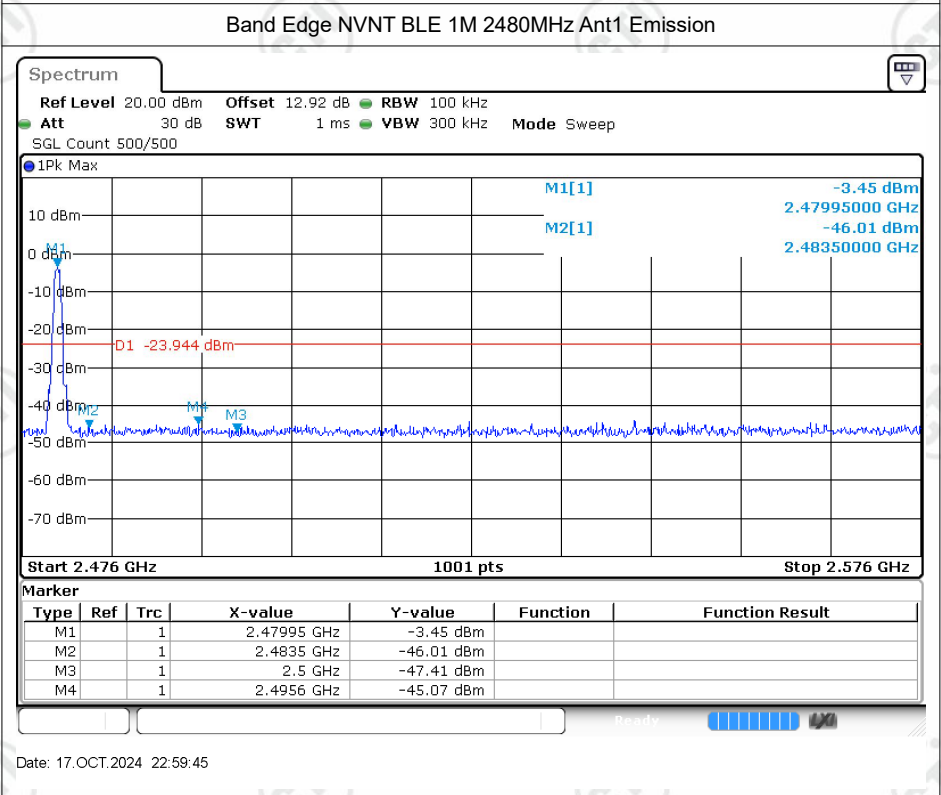
Date: 17.OCT.2024 22:49:16



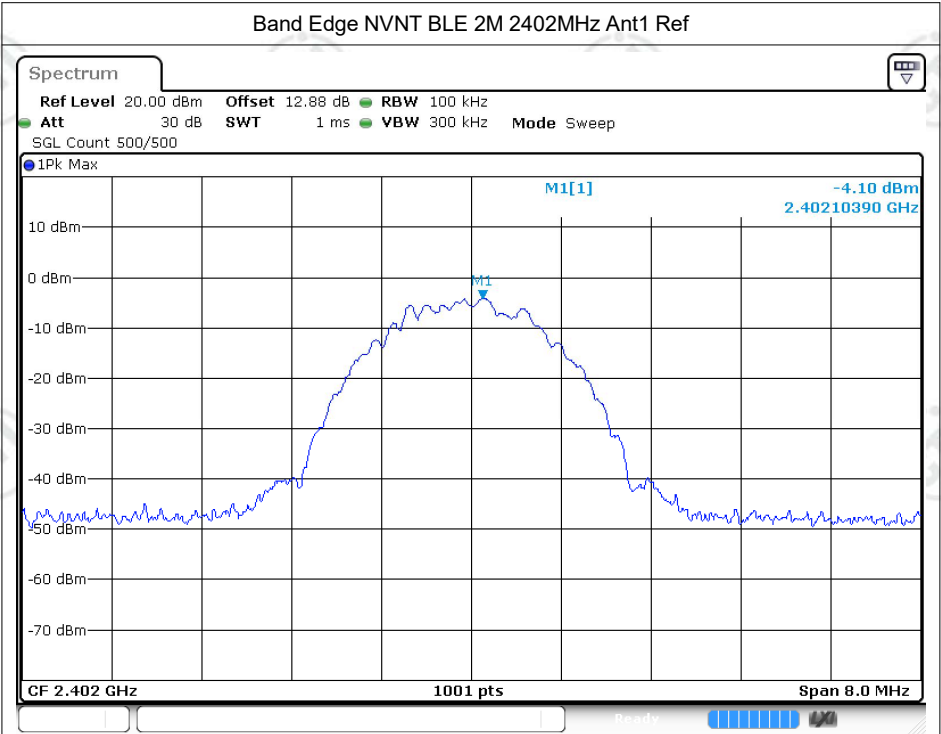
Date: 17.OCT.2024 22:49:20



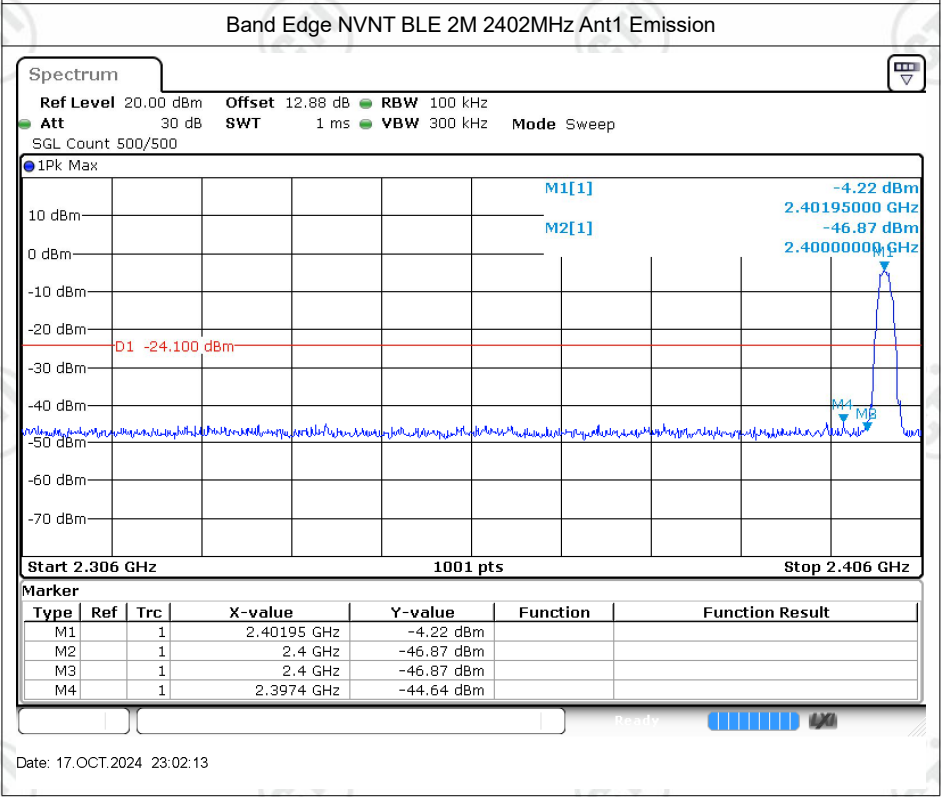
Date: 17.OCT.2024 22:59:43



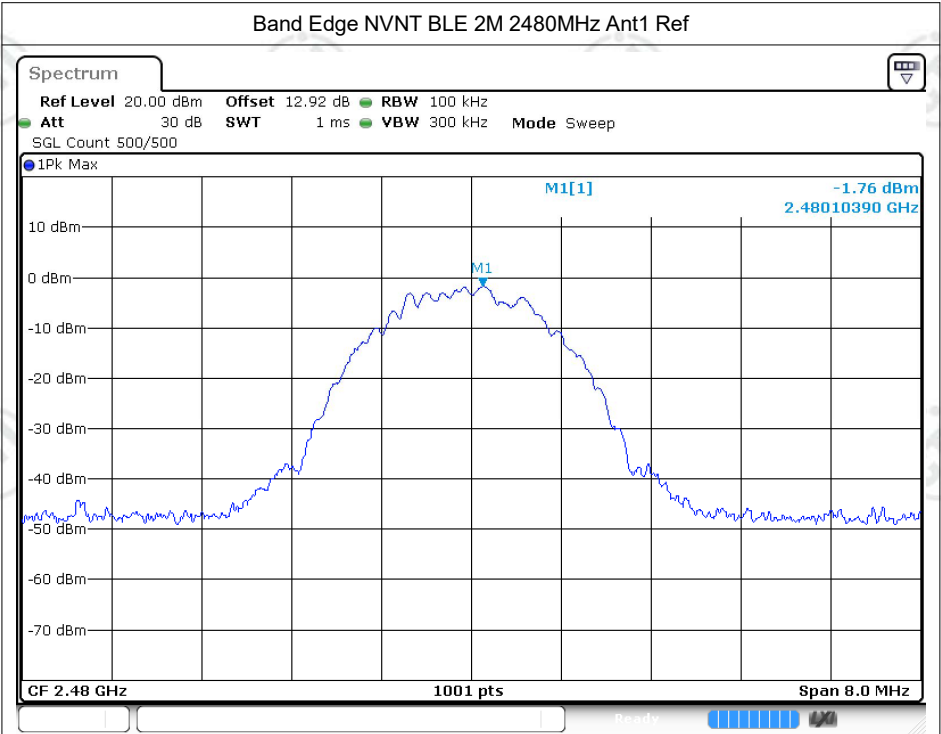
Date: 17.OCT.2024 22:59:45



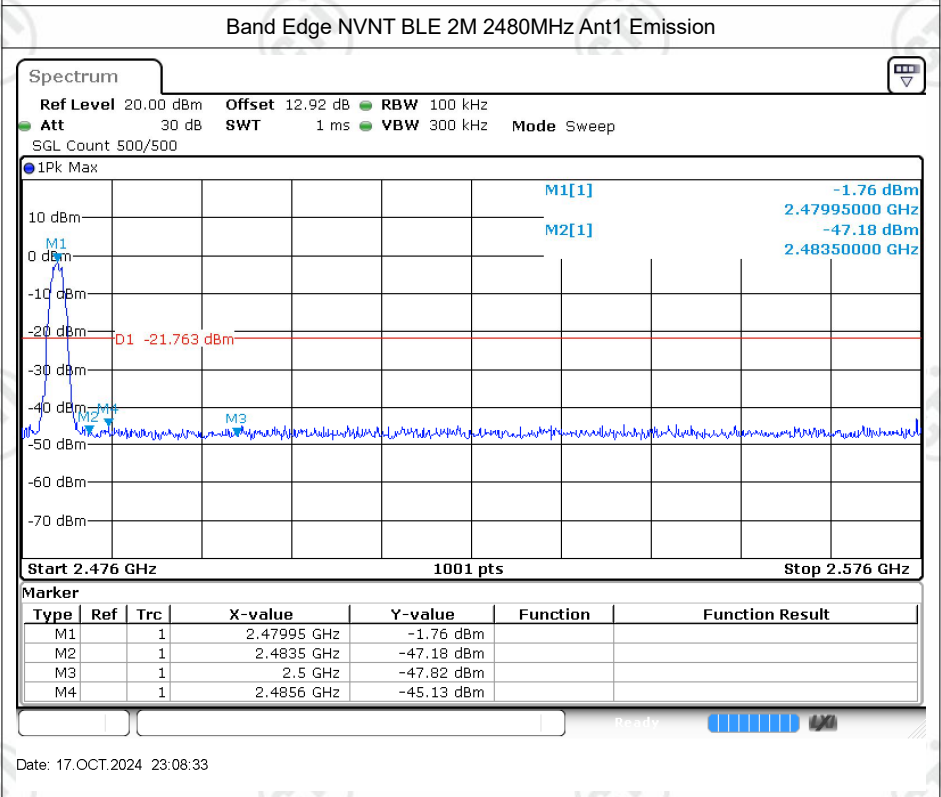
Date: 17.OCT.2024 23:02:09



Date: 17.OCT.2024 23:02:13



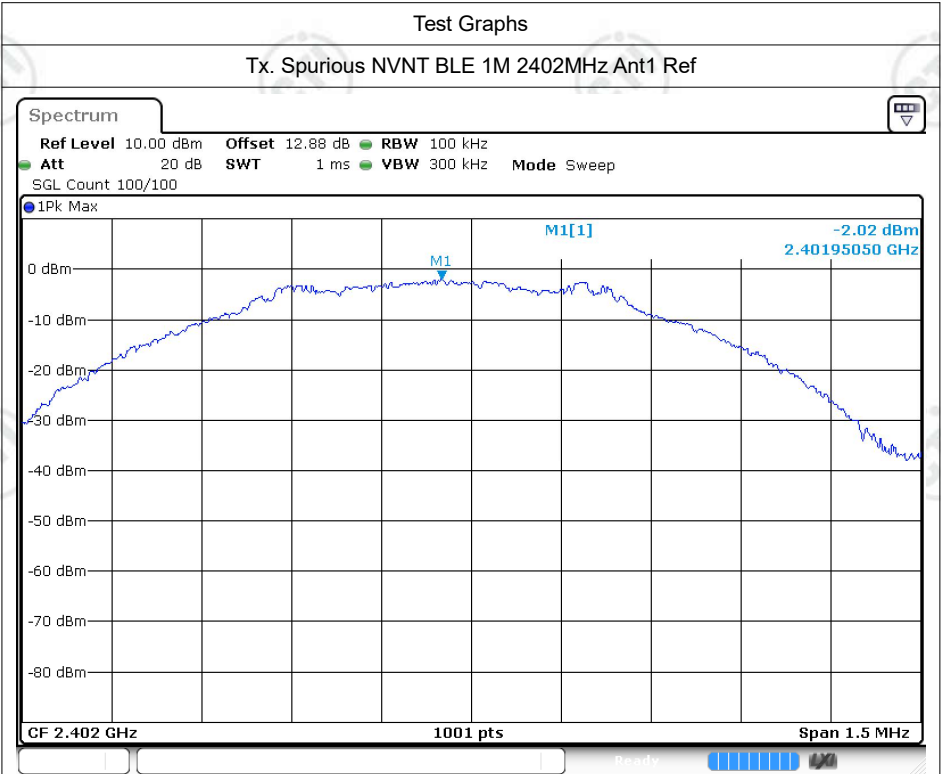
Date: 17.OCT.2024 23:08:31



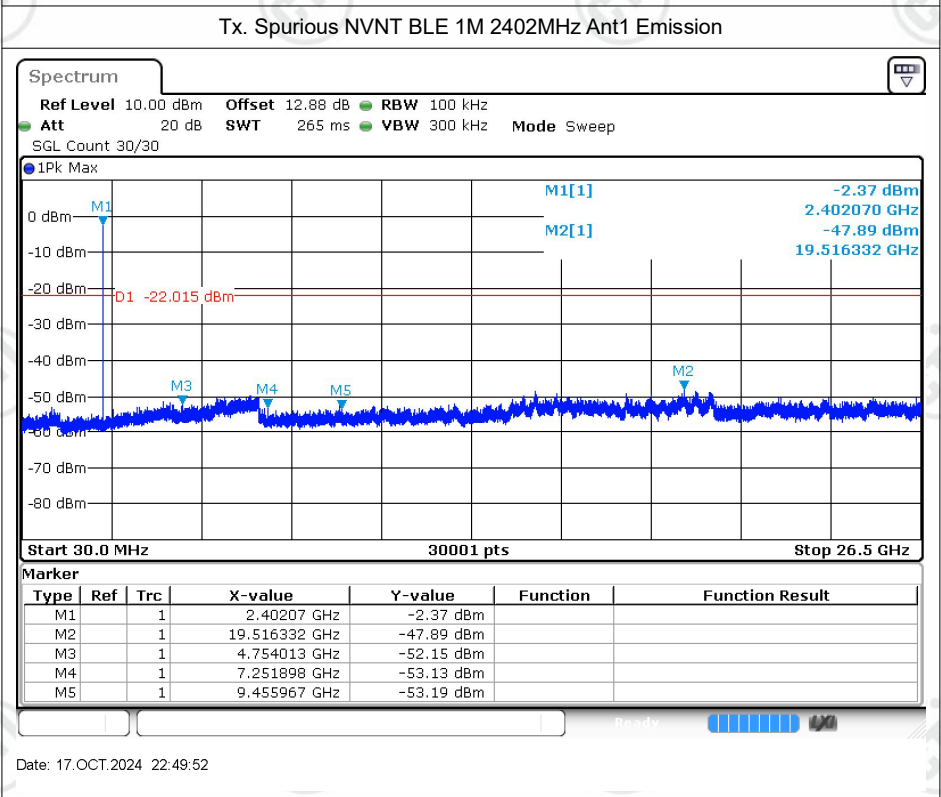
Date: 17.OCT.2024 23:08:33

Conducted RF Spurious Emission

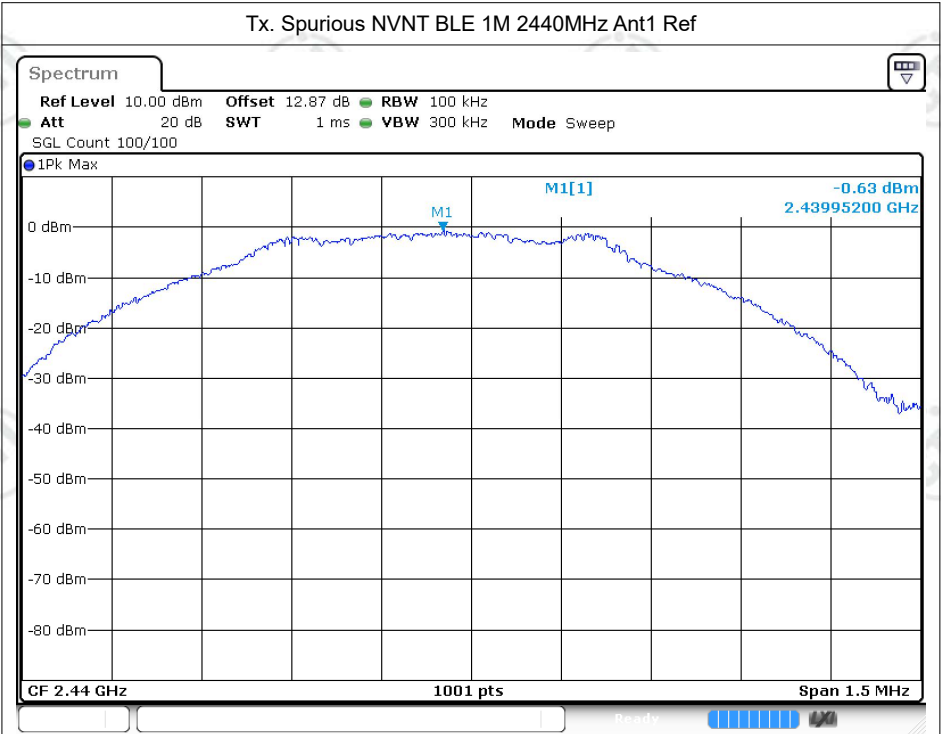
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.86	-20	Pass
NVNT	BLE 1M	2440	Ant1	-48.28	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.09	-20	Pass
NVNT	BLE 2M	2402	Ant1	-39.6	-20	Pass
NVNT	BLE 2M	2440	Ant1	-45.78	-20	Pass
NVNT	BLE 2M	2480	Ant1	-42.84	-20	Pass



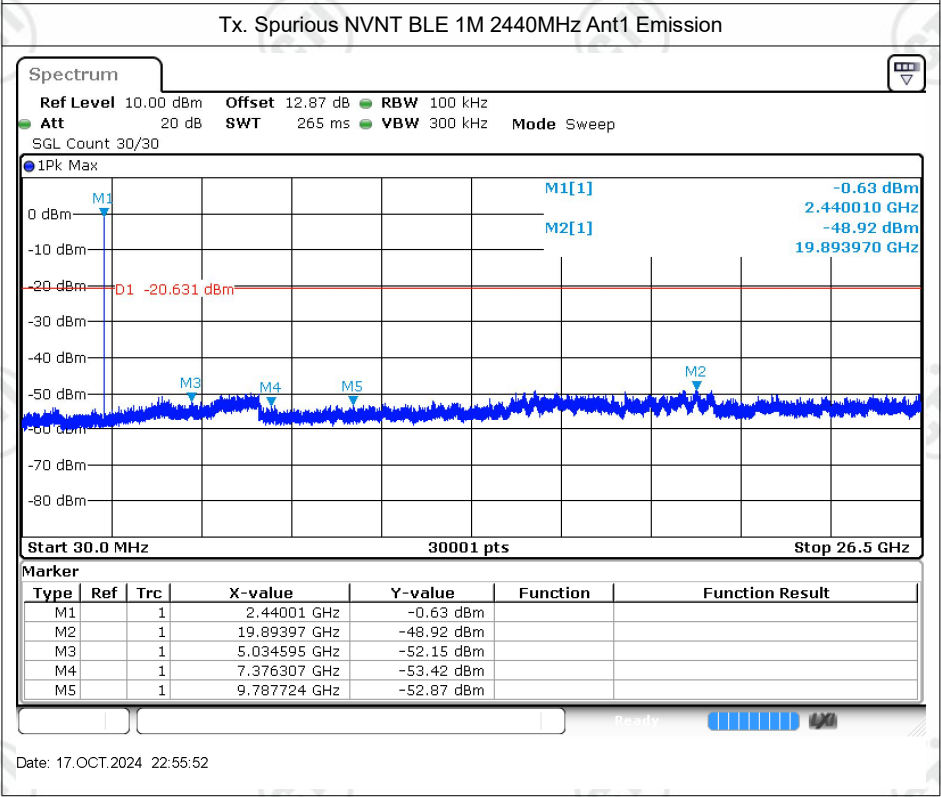
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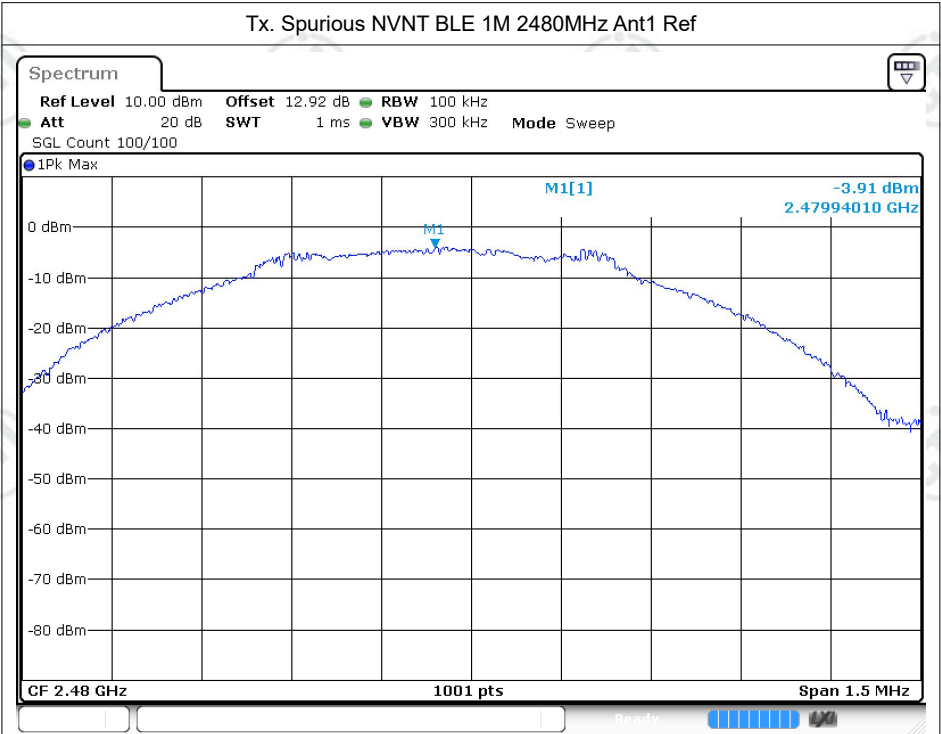
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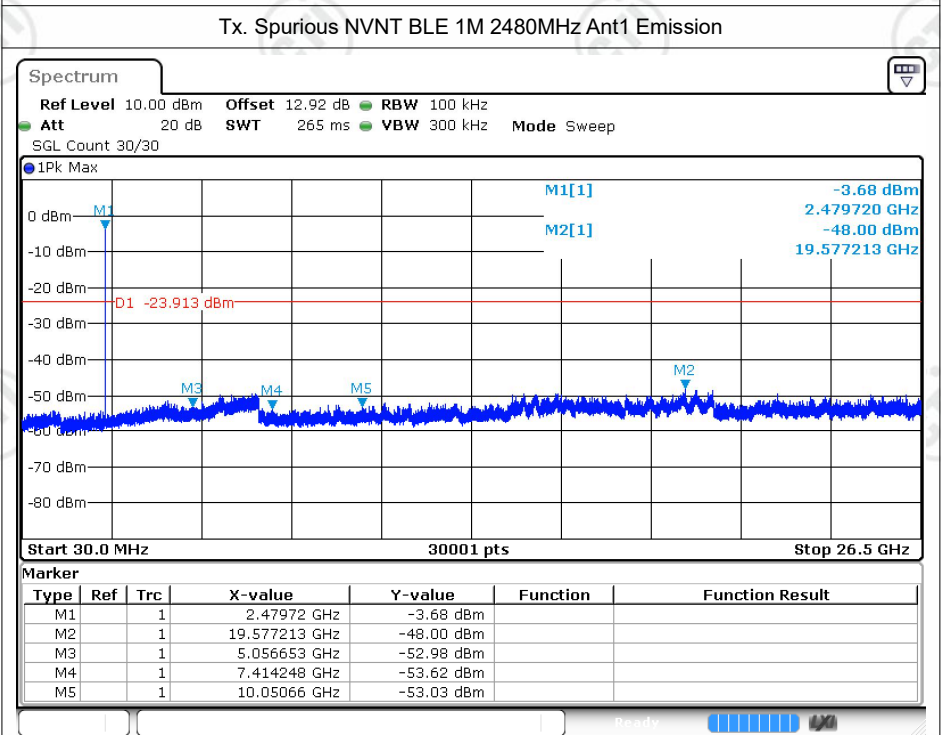
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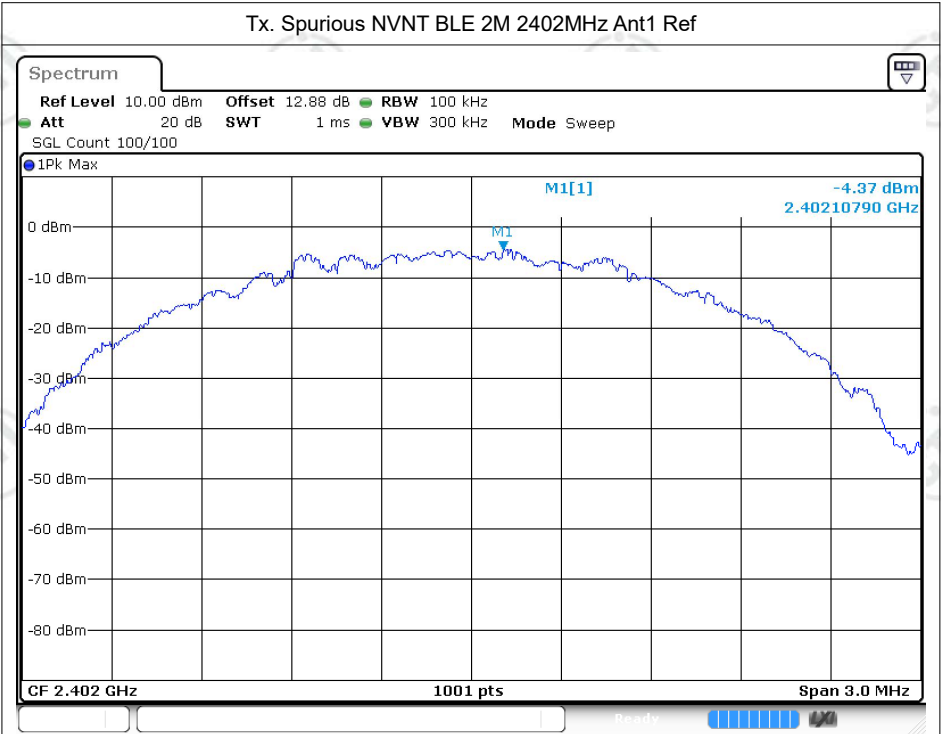
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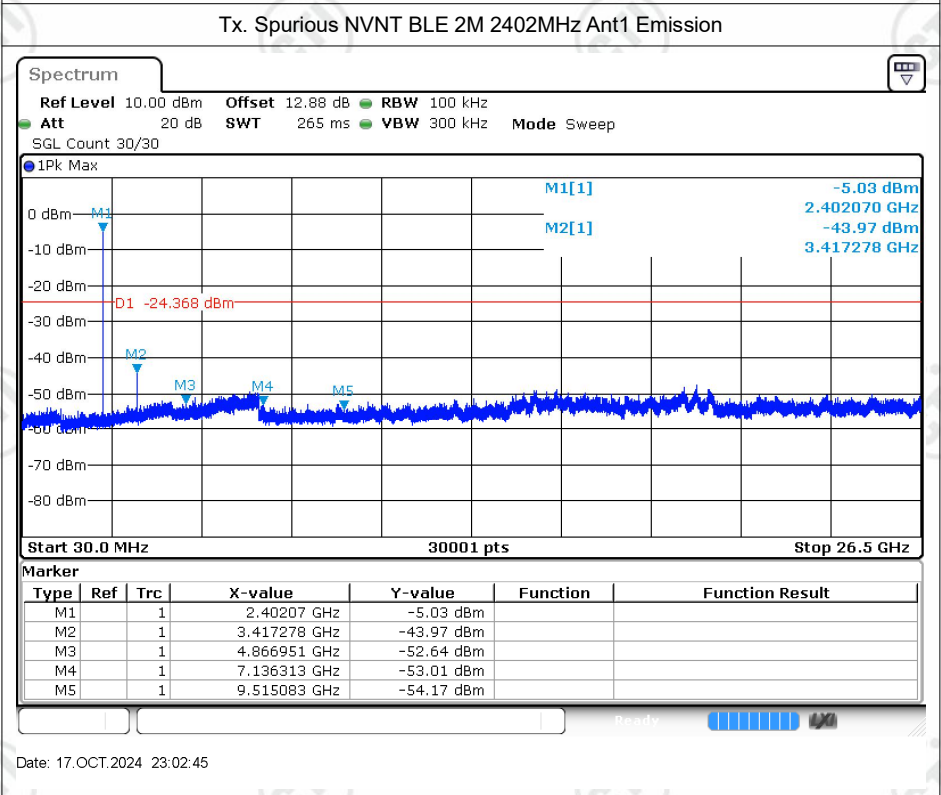
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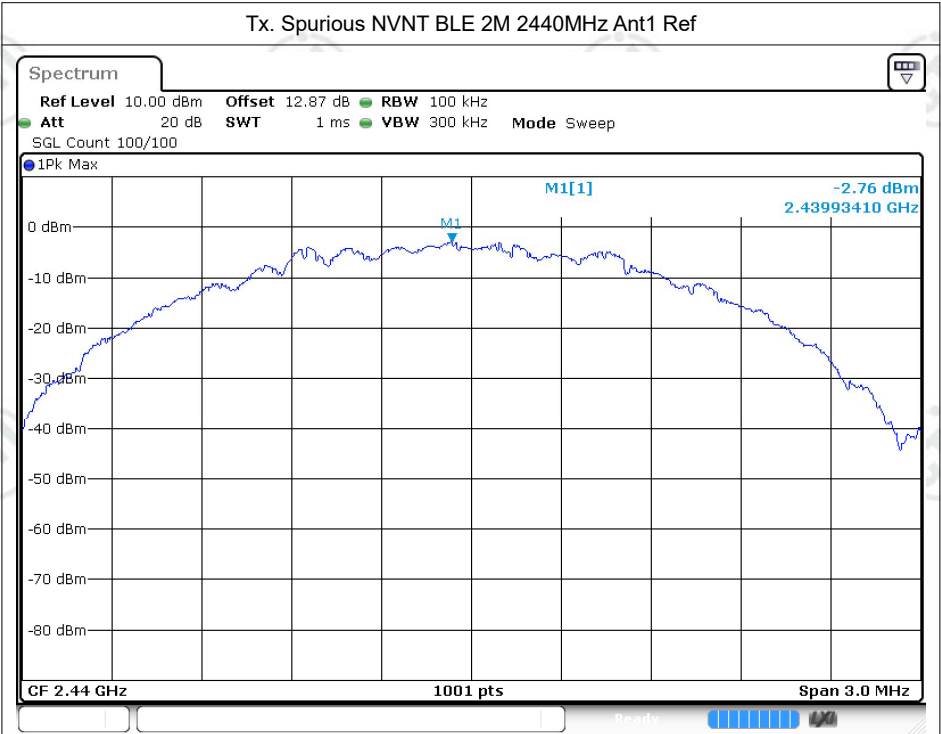
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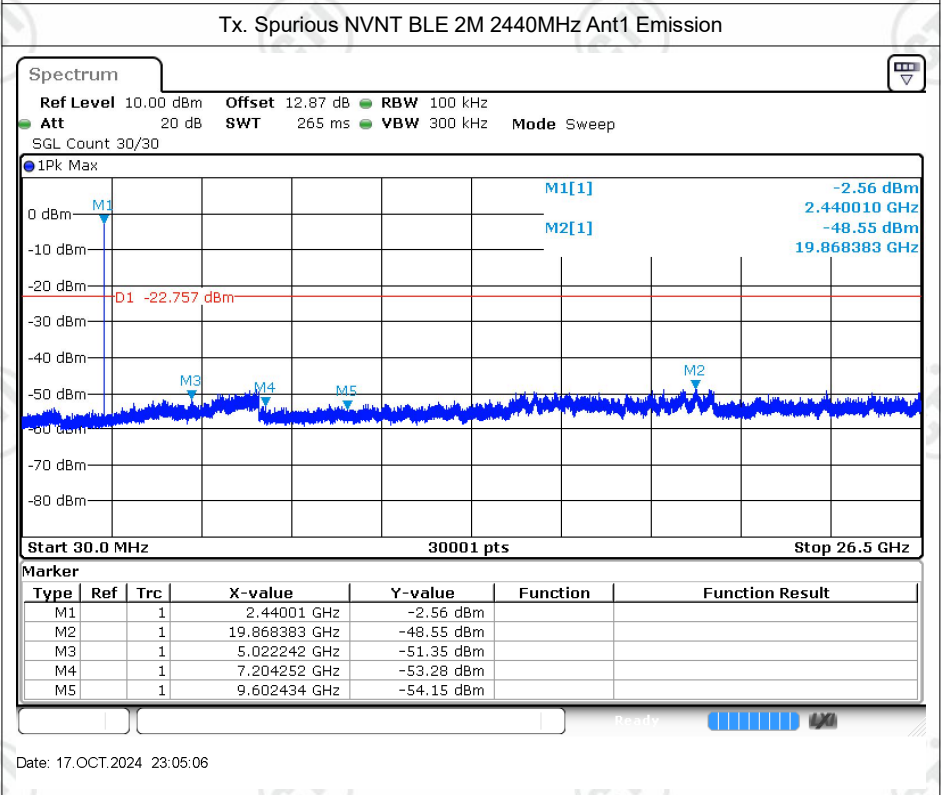
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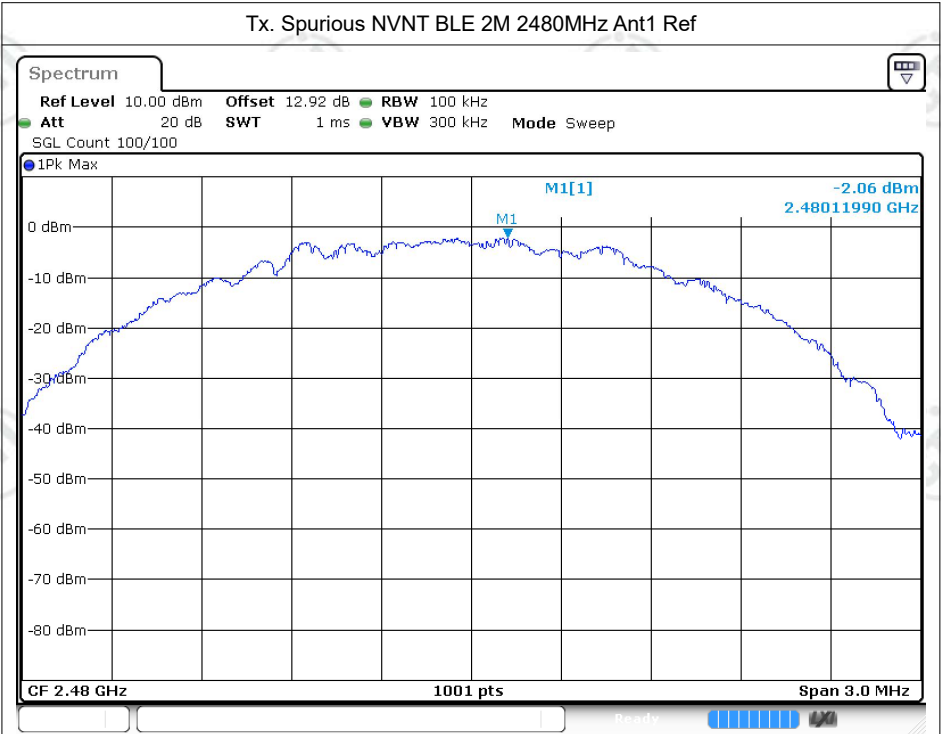
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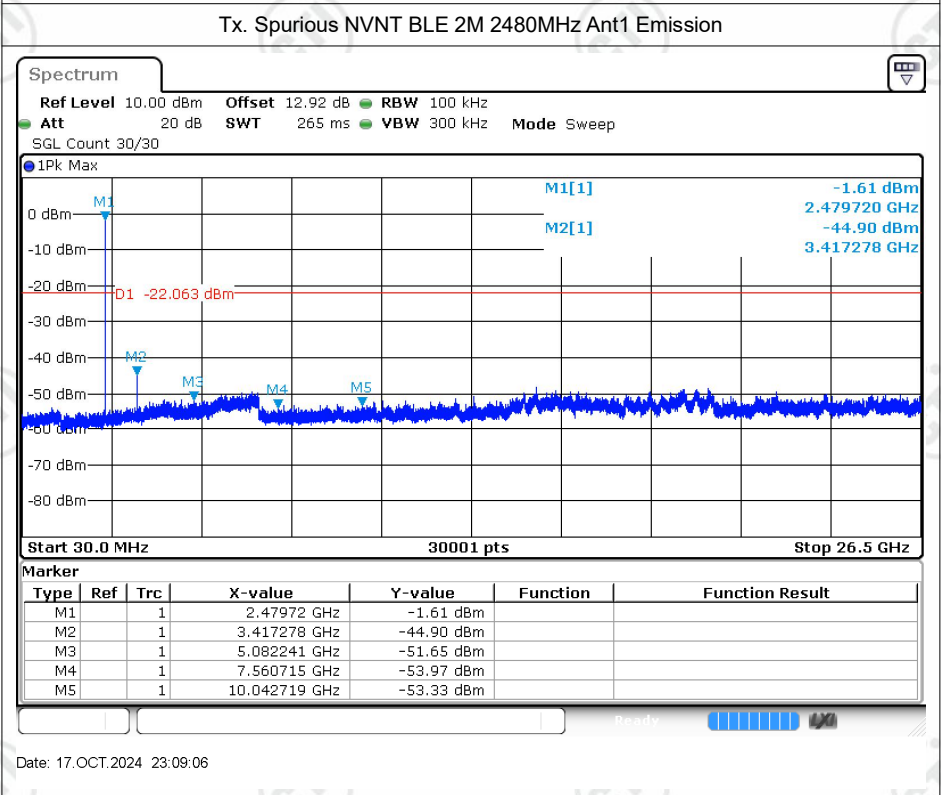
Date: 17.OCT.2024 23:04:37



Date: 17.OCT.2024 23:05:06



Date: 17.OCT.2024 23:08:36



Date: 17.OCT.2024 23:09:06

END OF REPORT