

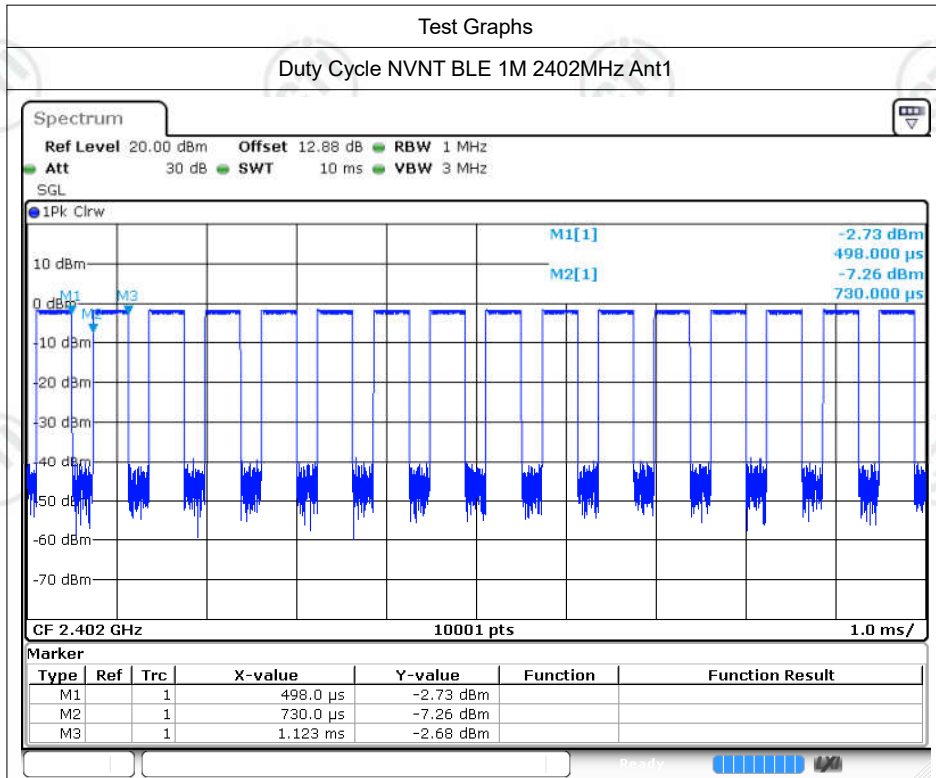
Appendix: Bluetooth LE

Contents

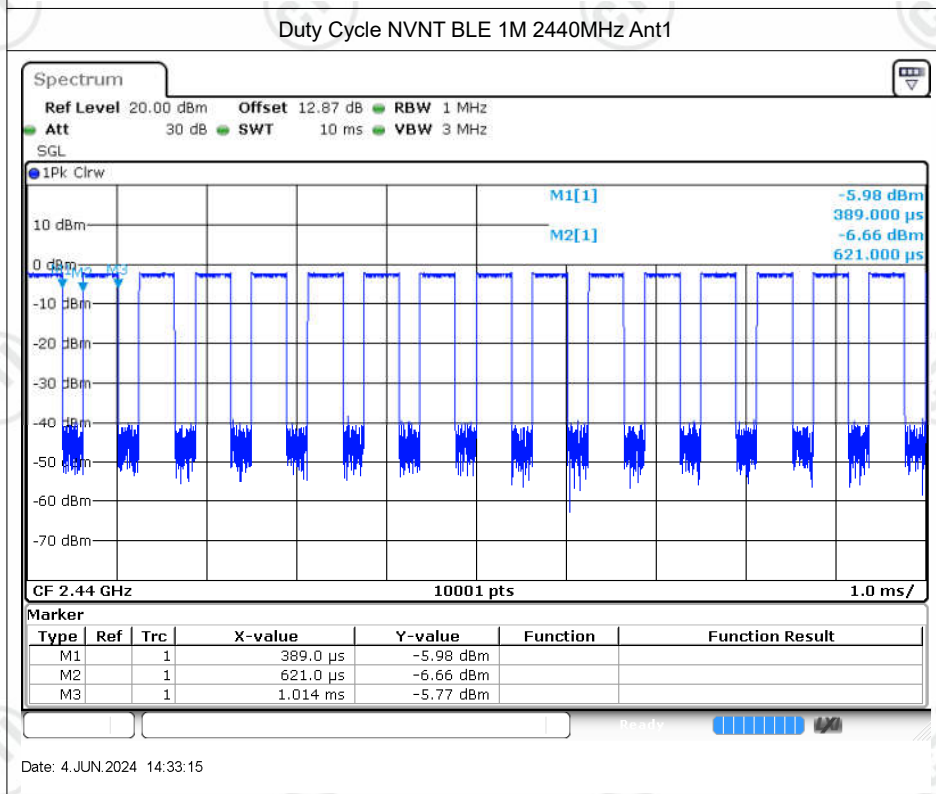
Contents	2
Duty Cycle	3
Maximum Peak Conducted Output Power	7
-6dB Bandwidth	11
Occupied Channel Bandwidth	15
Maximum Power Spectral Density Level	19
Band Edge	23
Conducted RF Spurious Emission	28

Duty Cycle

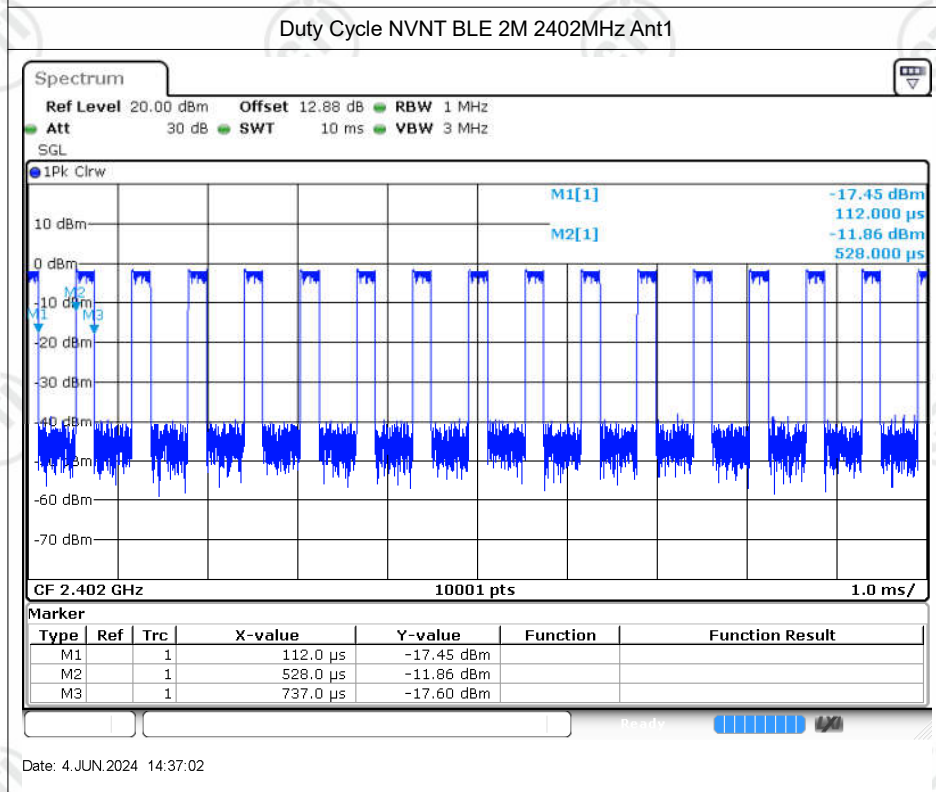
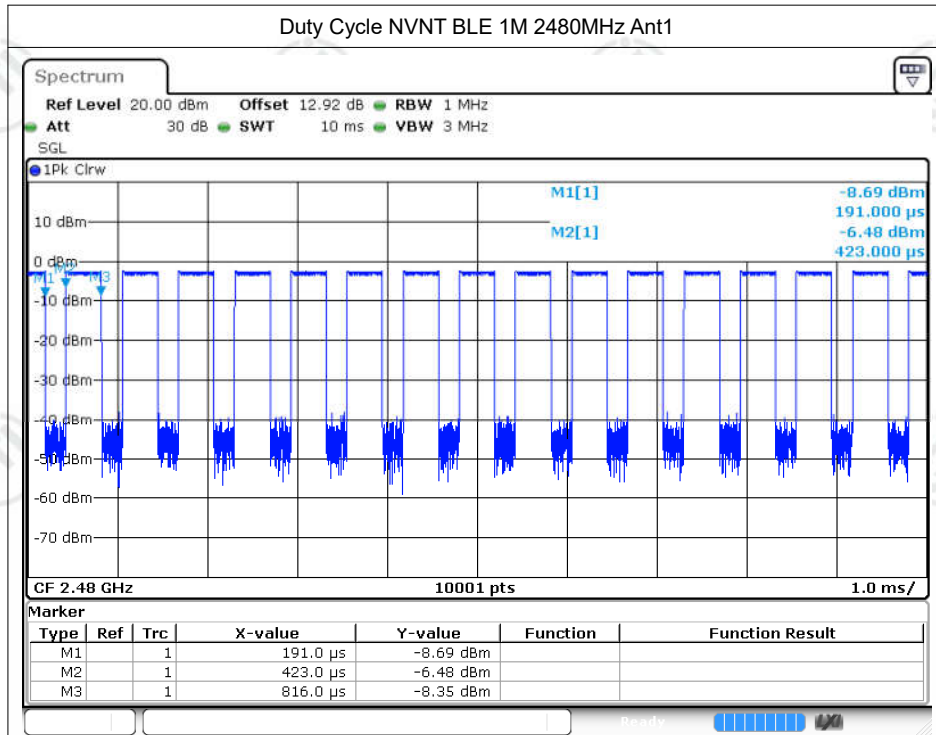
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2440	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2480	Ant1	62.88	2.01	2.54
NVNT	BLE 2M	2402	Ant1	33.44	4.76	4.78
NVNT	BLE 2M	2440	Ant1	33.28	4.78	4.81
NVNT	BLE 2M	2480	Ant1	33.44	4.76	4.78

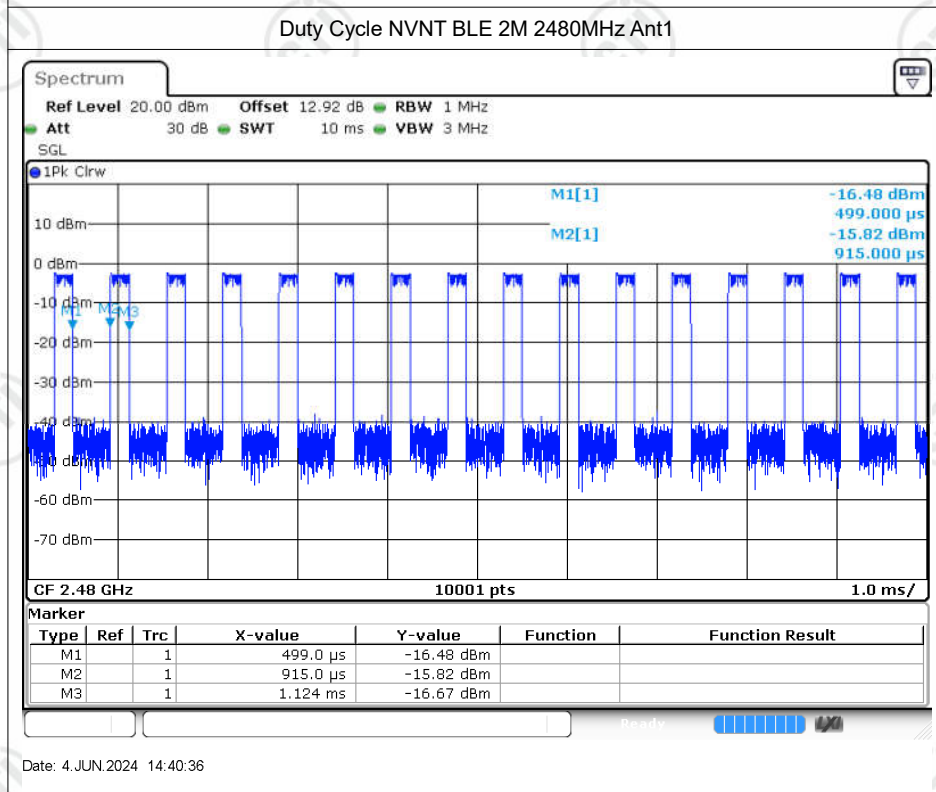
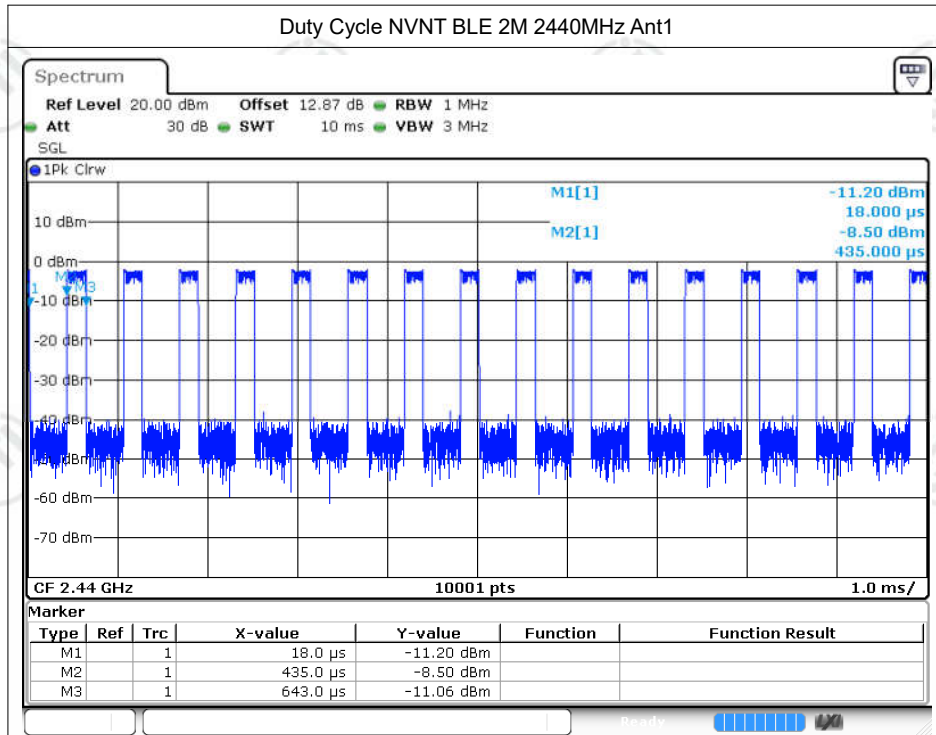


Date: 4 JUN 2024 14:29:50



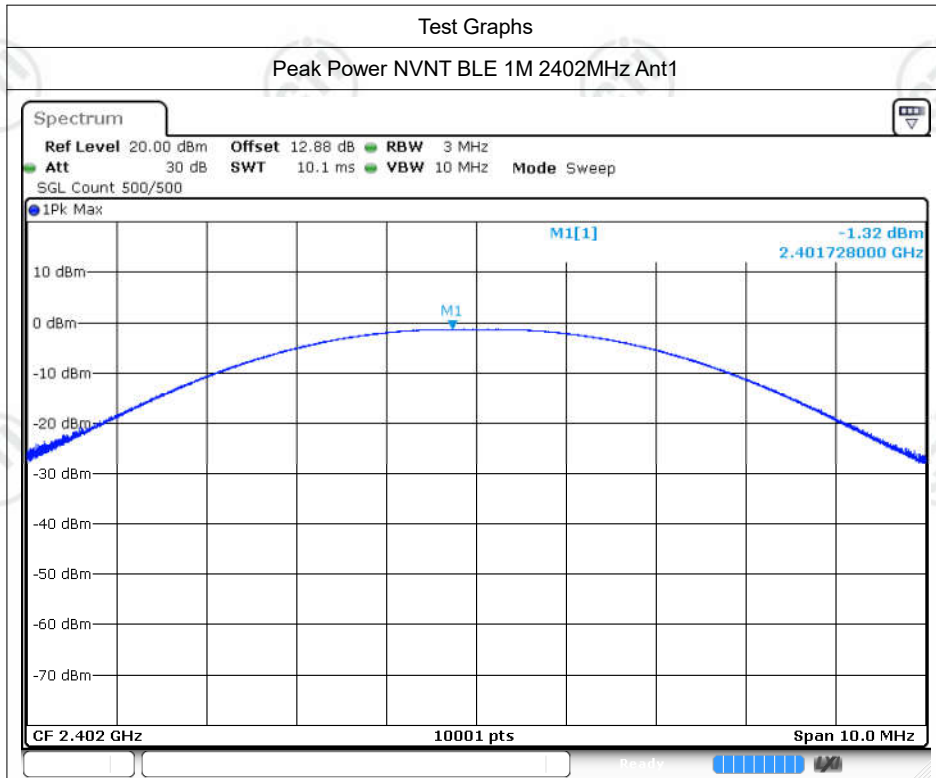
Date: 4 JUN 2024 14:33:15



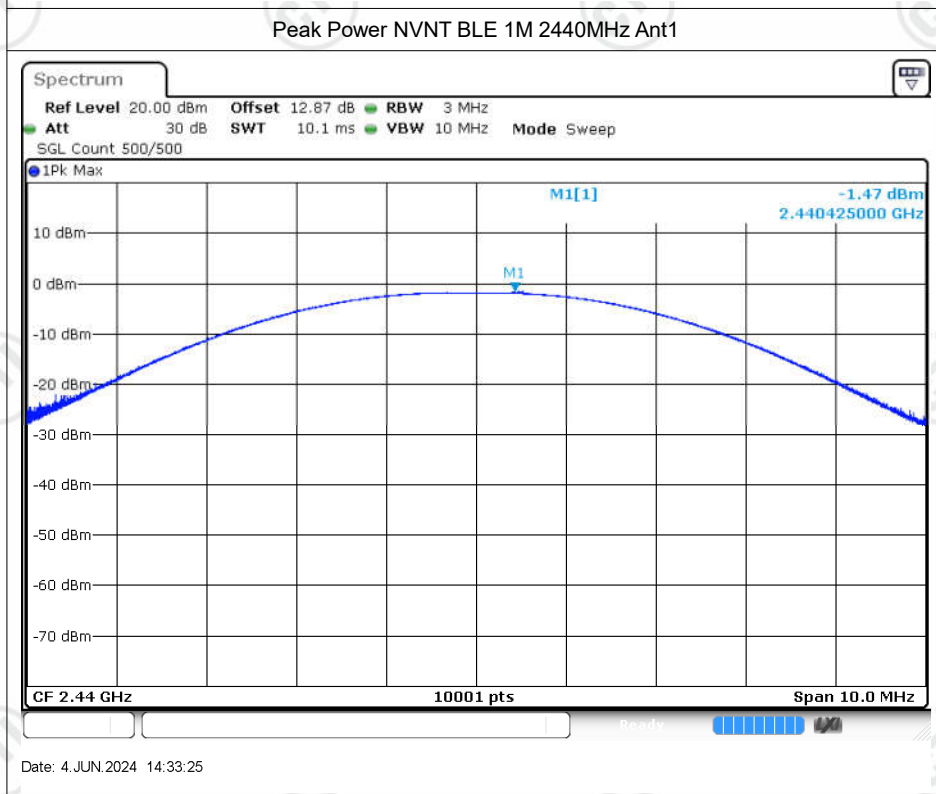


Maximum Peak Conducted Output Power

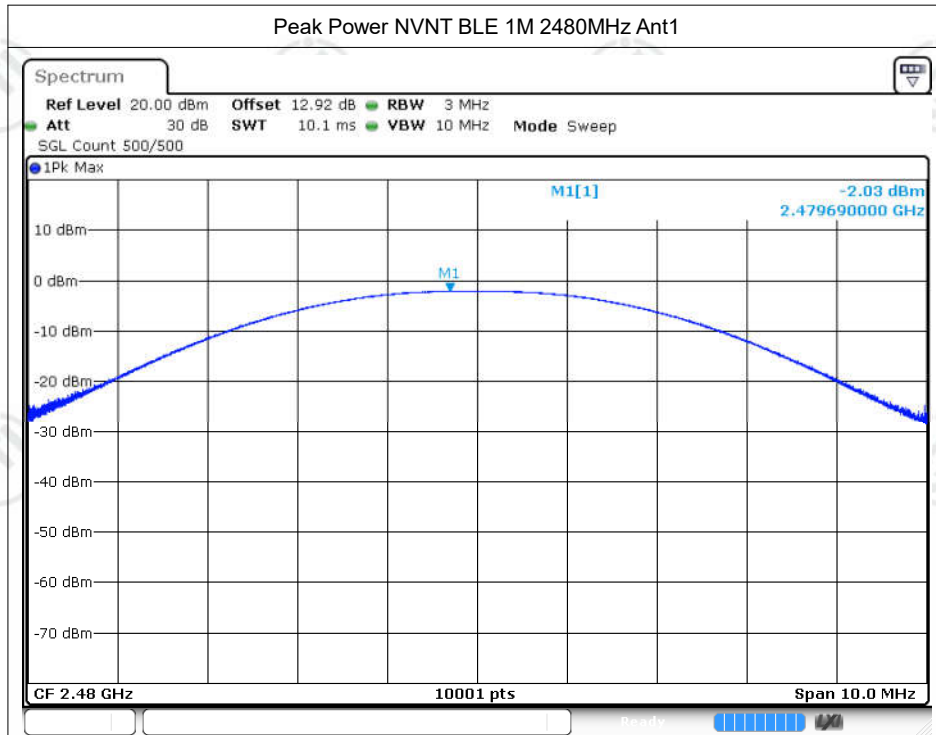
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.32	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.47	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.03	30	Pass
NVNT	BLE 2M	2402	Ant1	-1.31	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.75	30	Pass
NVNT	BLE 2M	2480	Ant1	-2.07	30	Pass



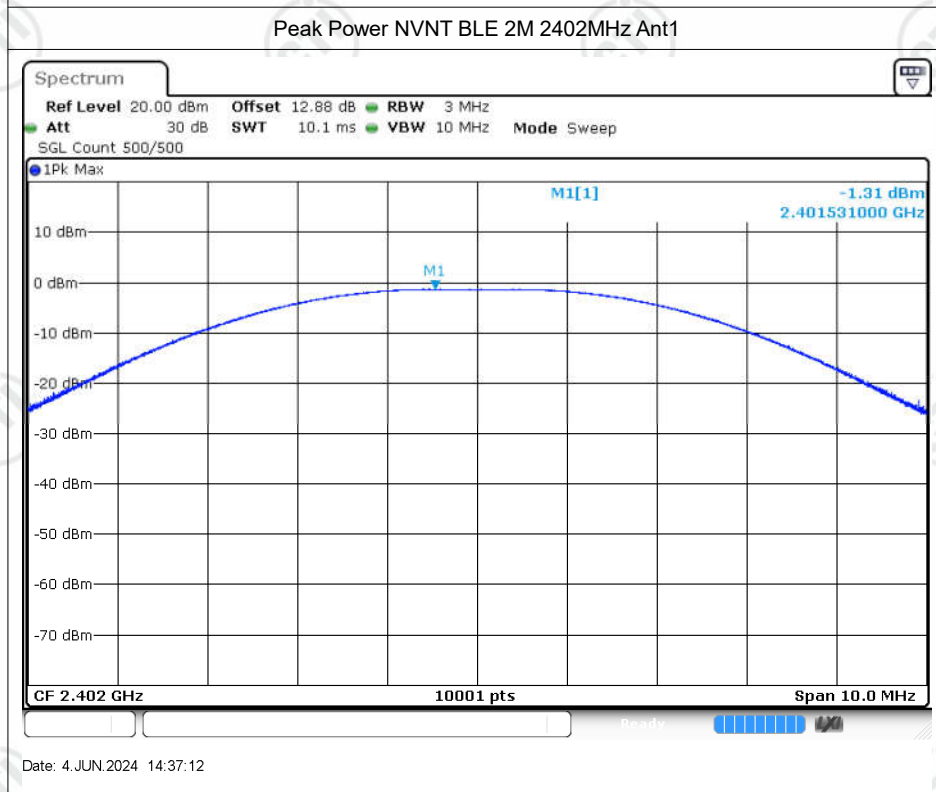
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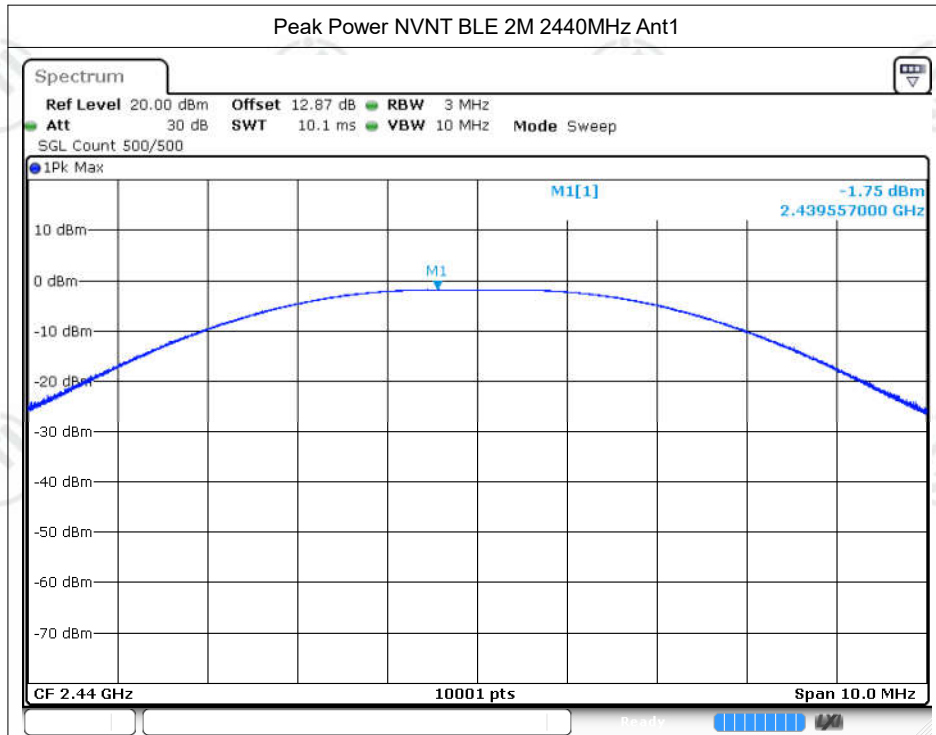
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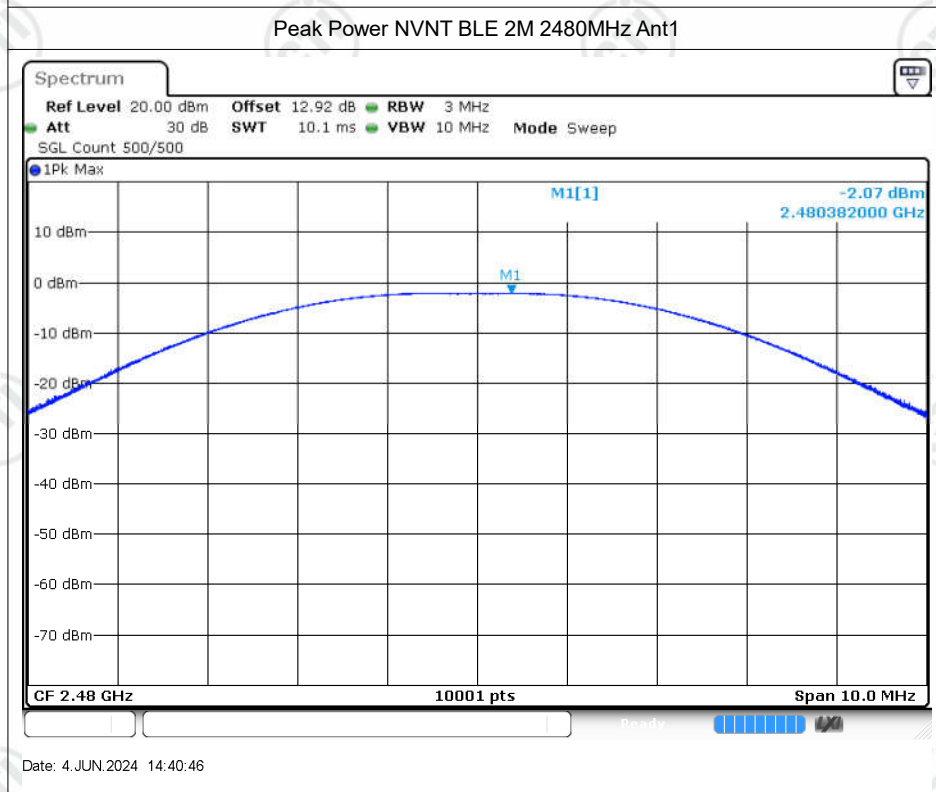
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Date: 4 JUN 2024 14:37:12



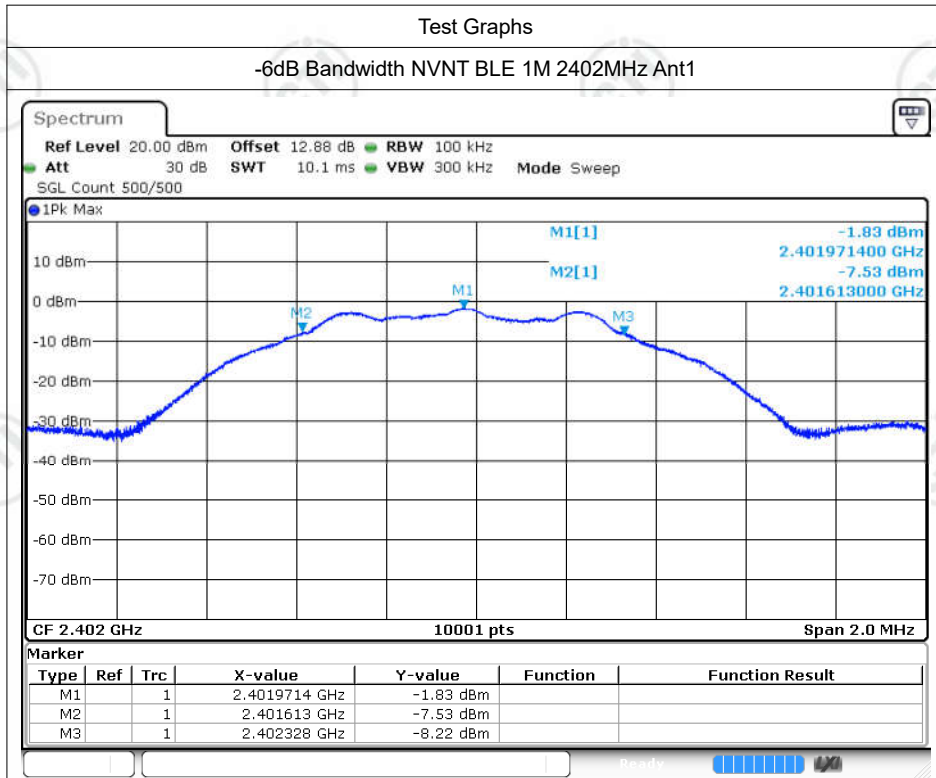
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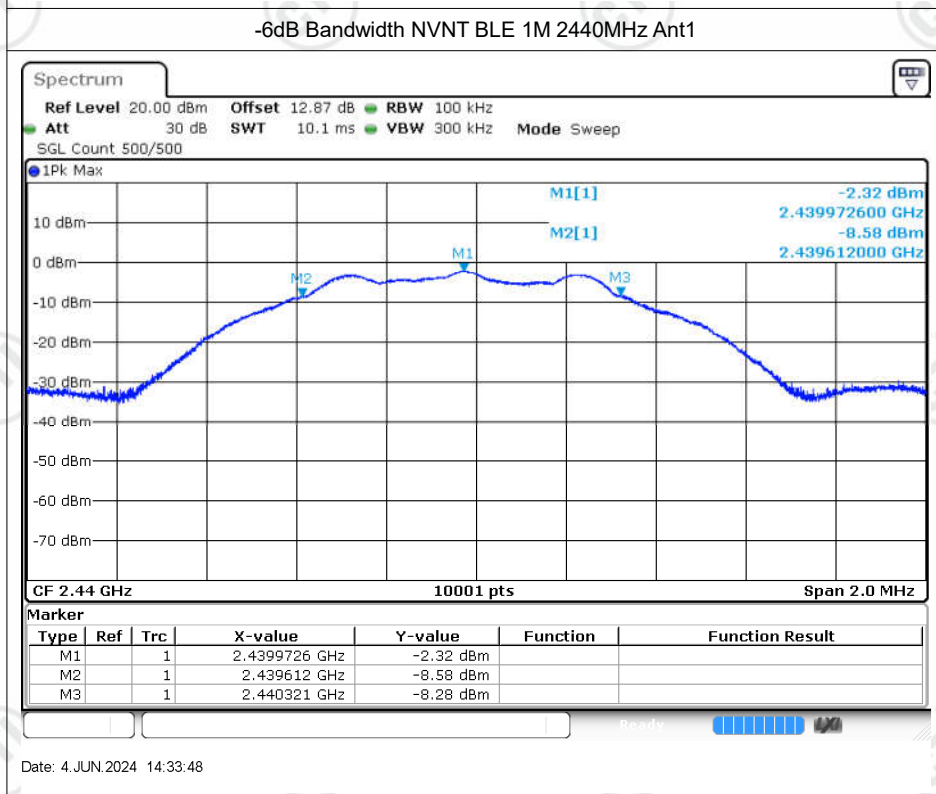
Date: 4 JUN 2024 14:40:46

-6dB Bandwidth

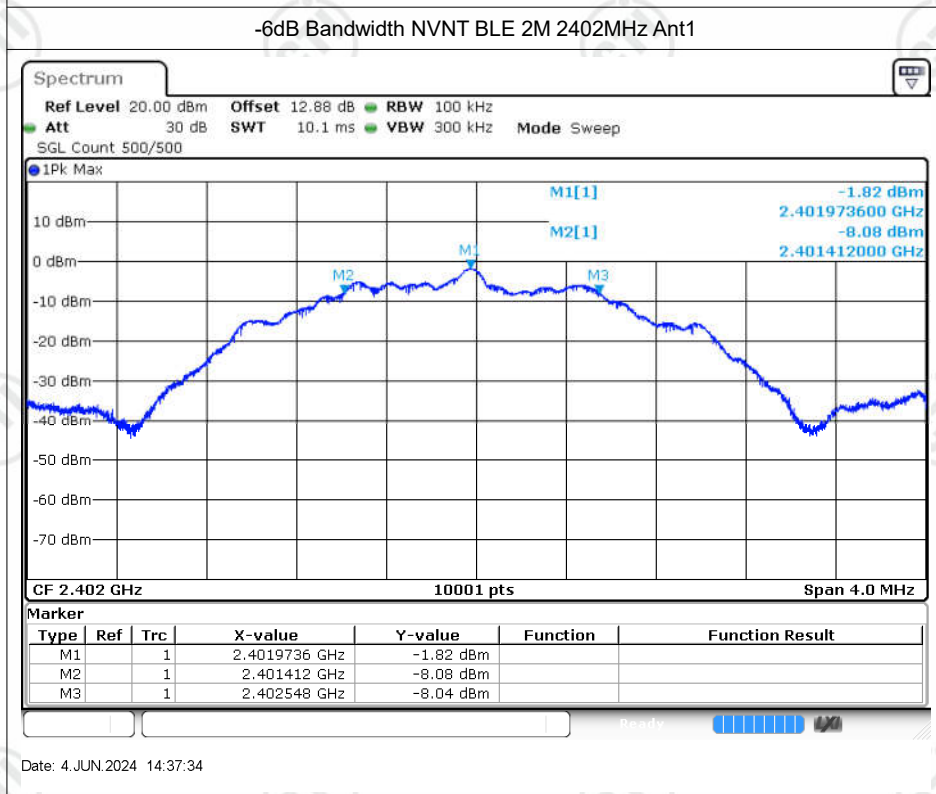
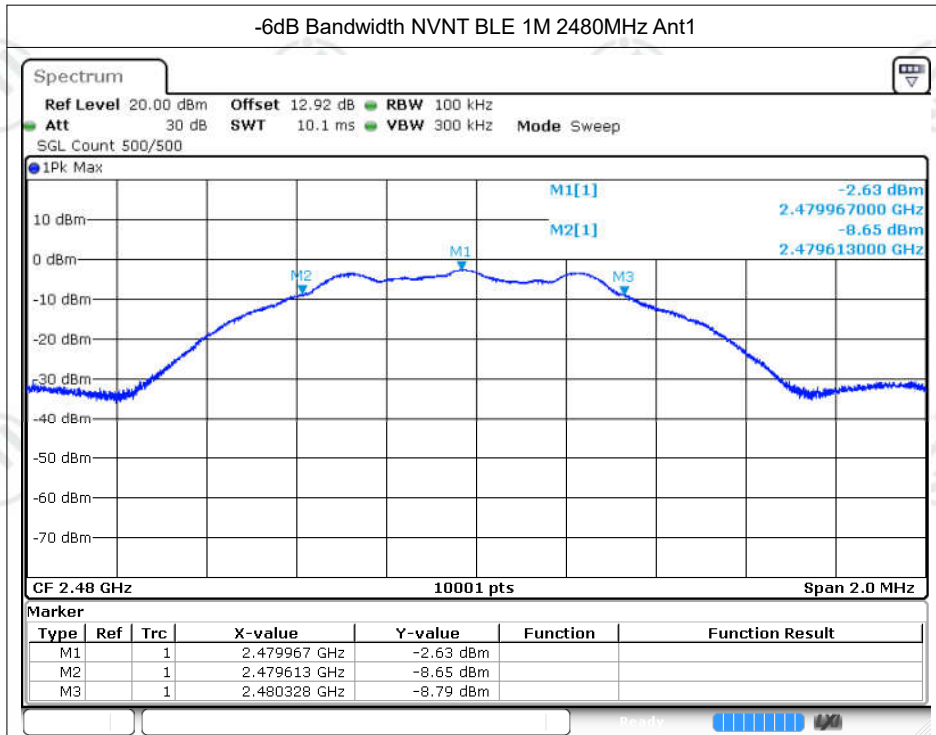
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.715	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.709	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.715	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.135	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.134	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.138	0.5	Pass

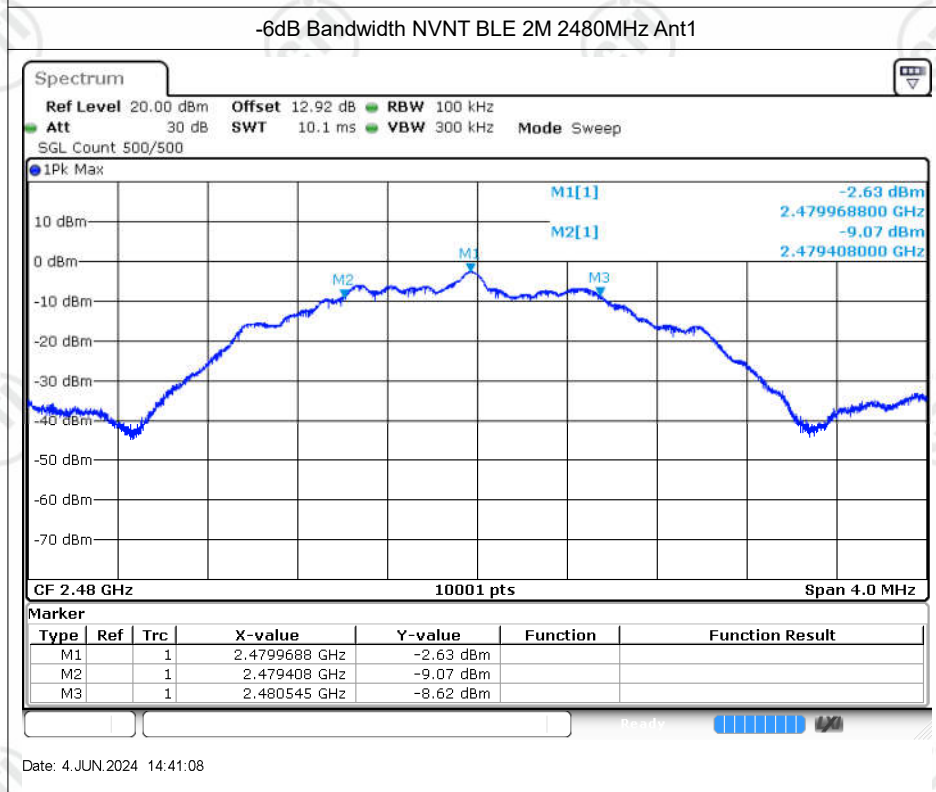
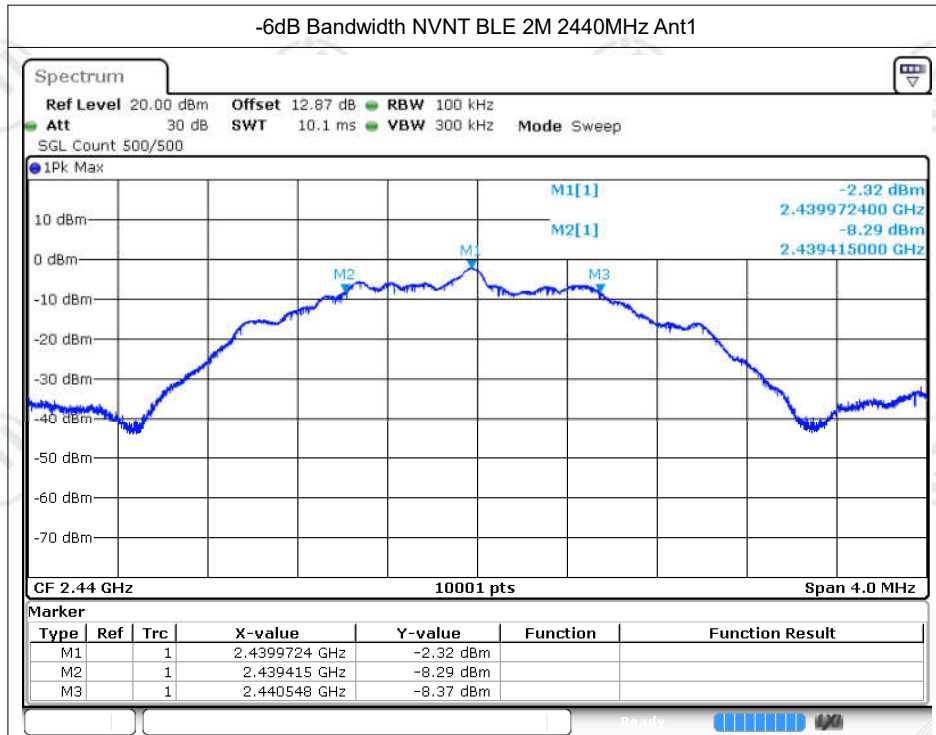


Date: 4 JUN 2024 14:31:36



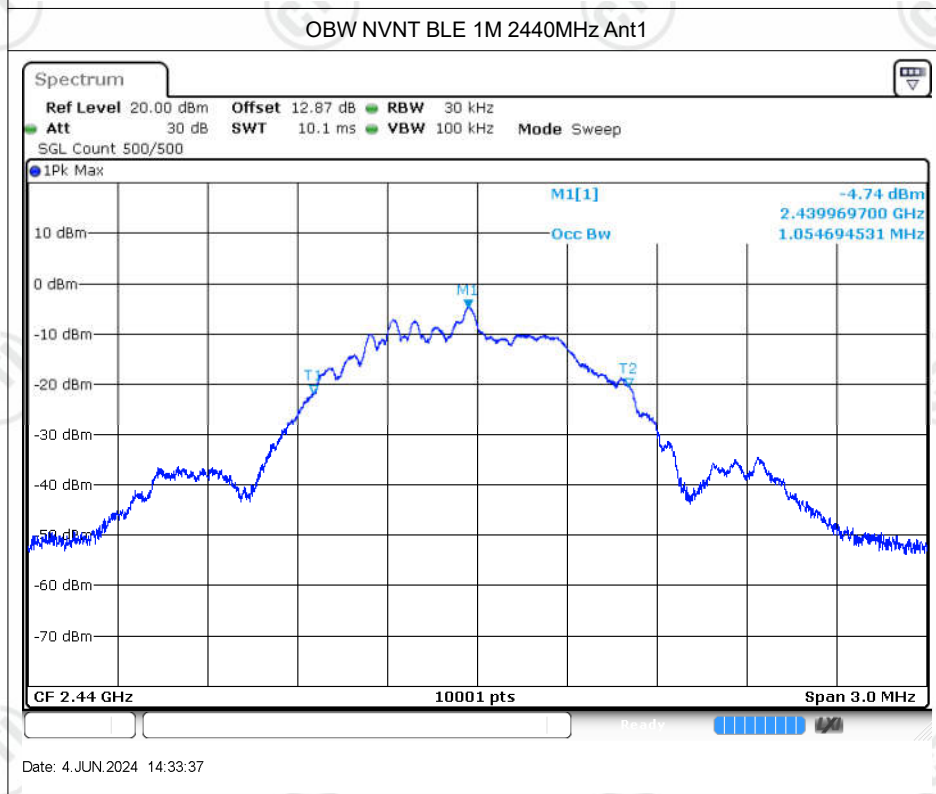
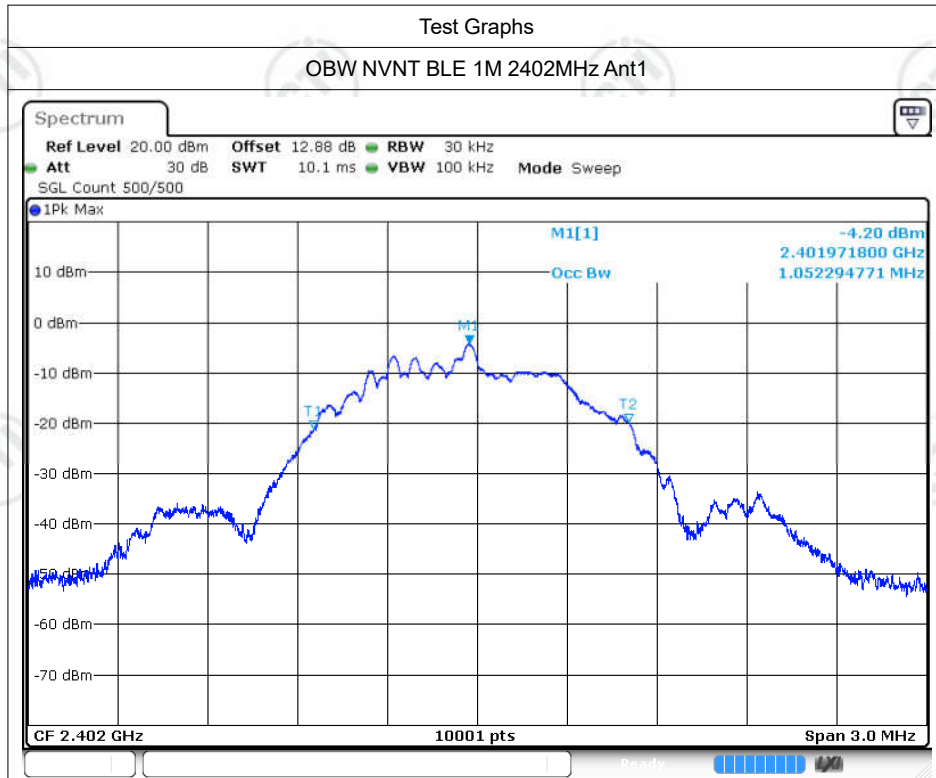
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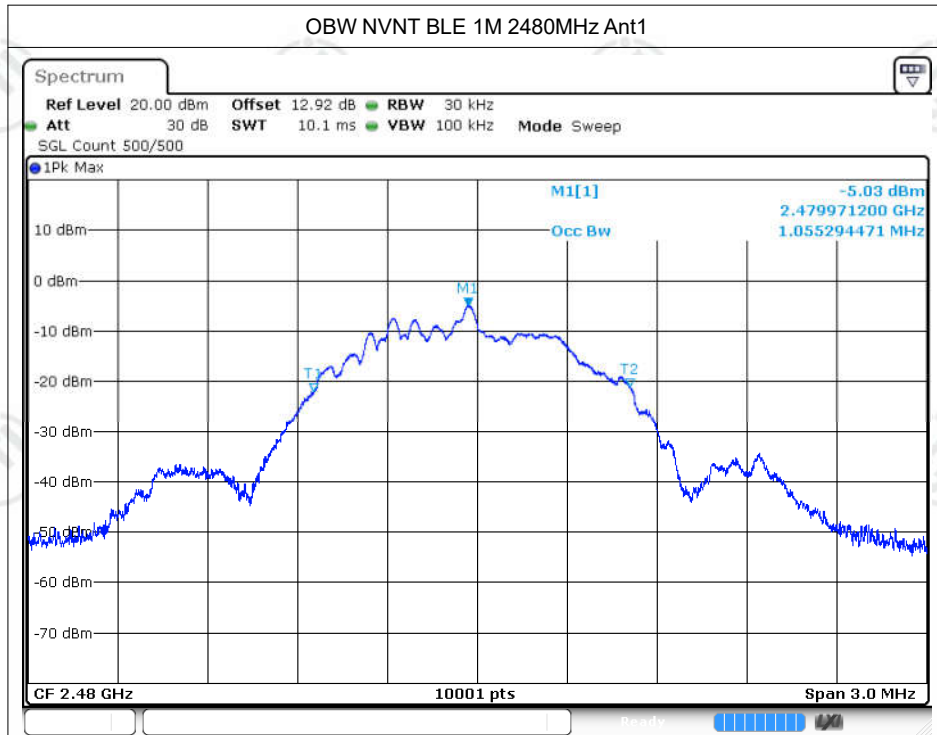




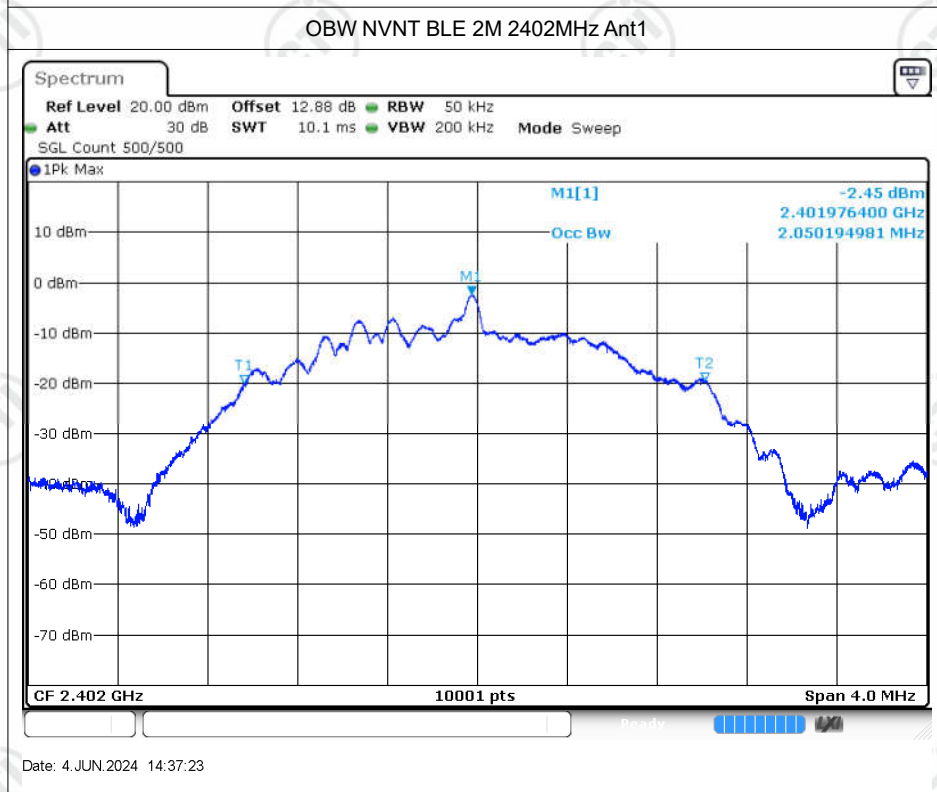
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.052
NVNT	BLE 1M	2440	Ant1	1.055
NVNT	BLE 1M	2480	Ant1	1.055
NVNT	BLE 2M	2402	Ant1	2.05
NVNT	BLE 2M	2440	Ant1	2.053
NVNT	BLE 2M	2480	Ant1	2.057

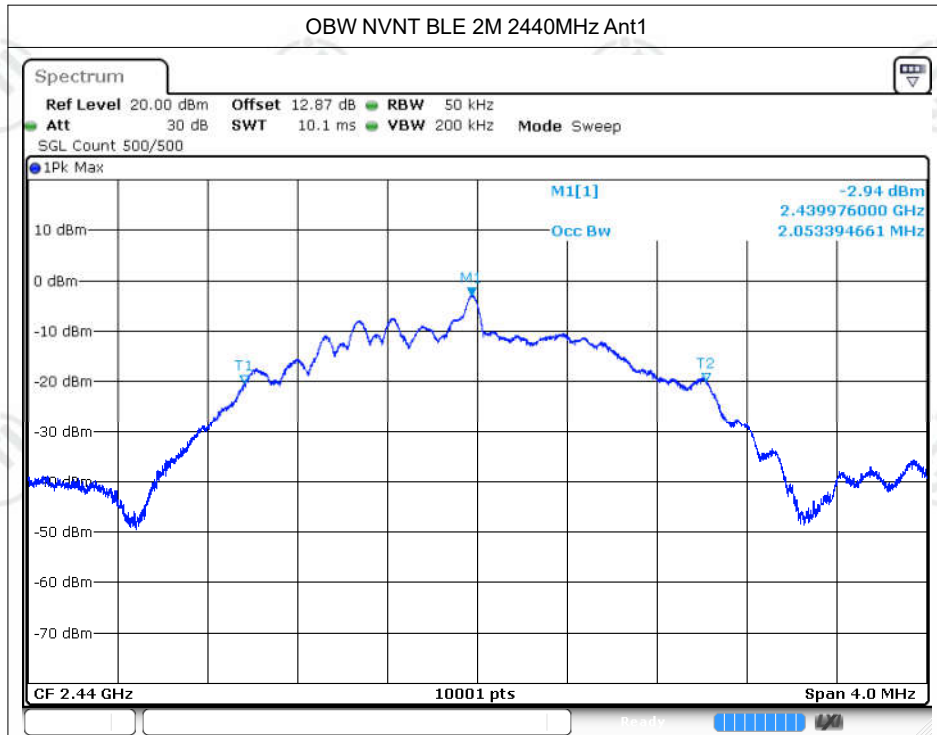




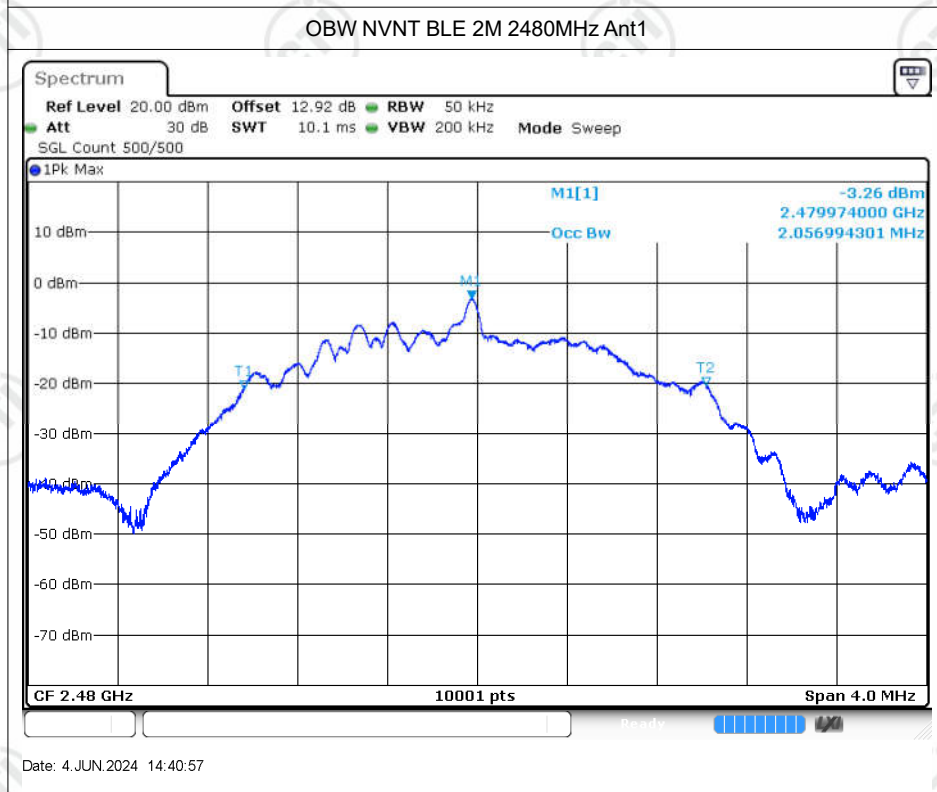
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Date: 4 JUN 2024 14:37:23



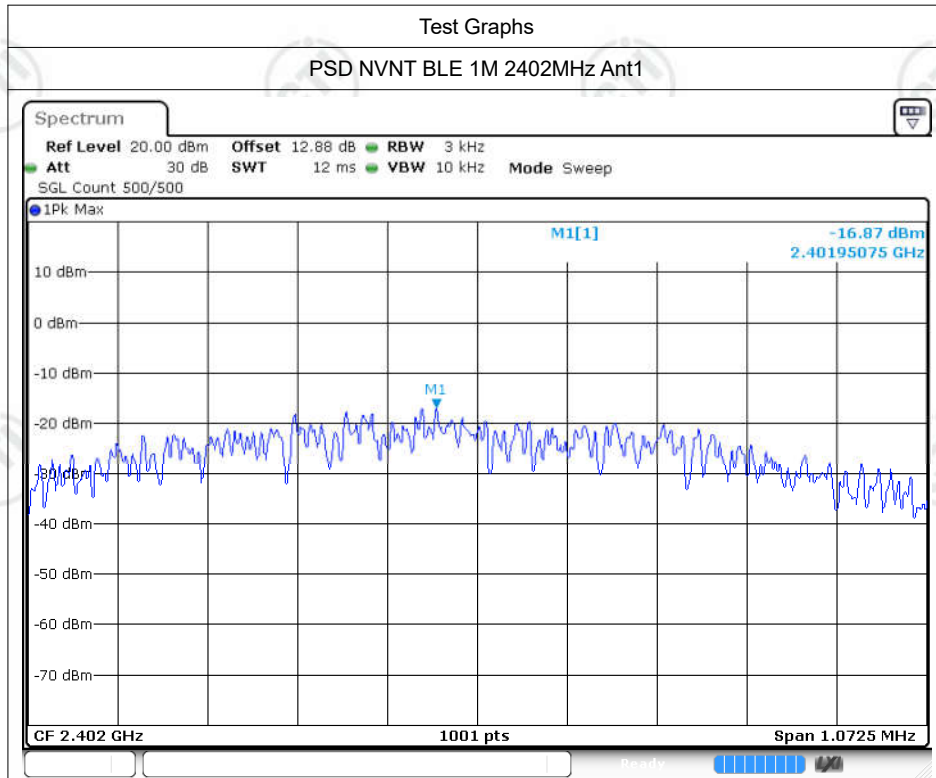
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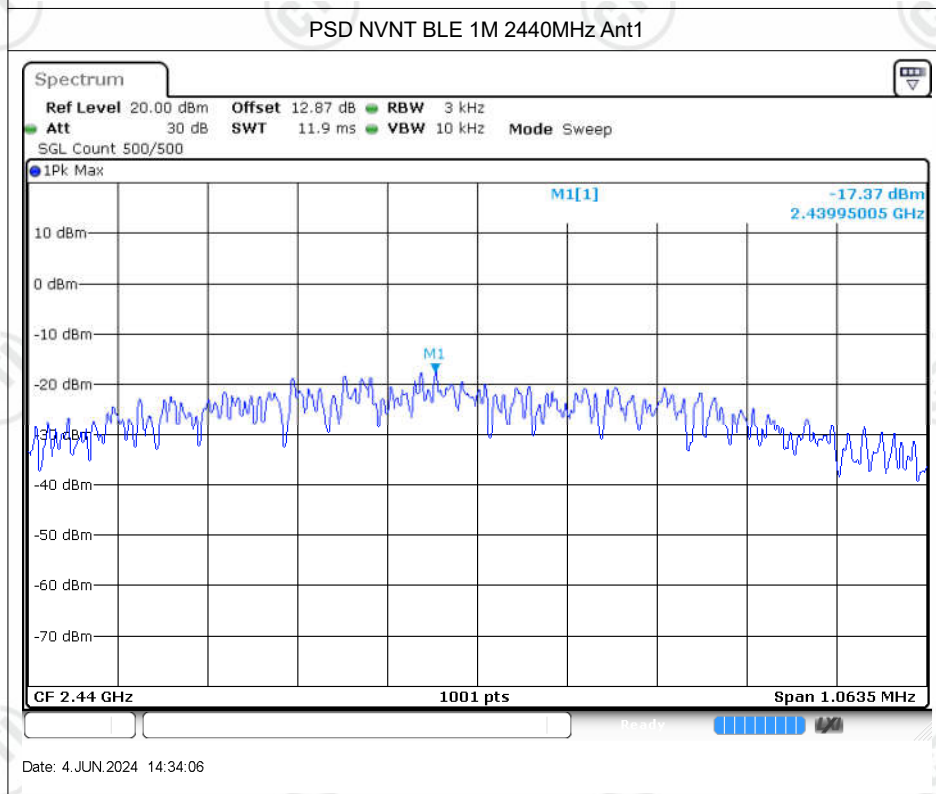
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Maximum Power Spectral Density Level

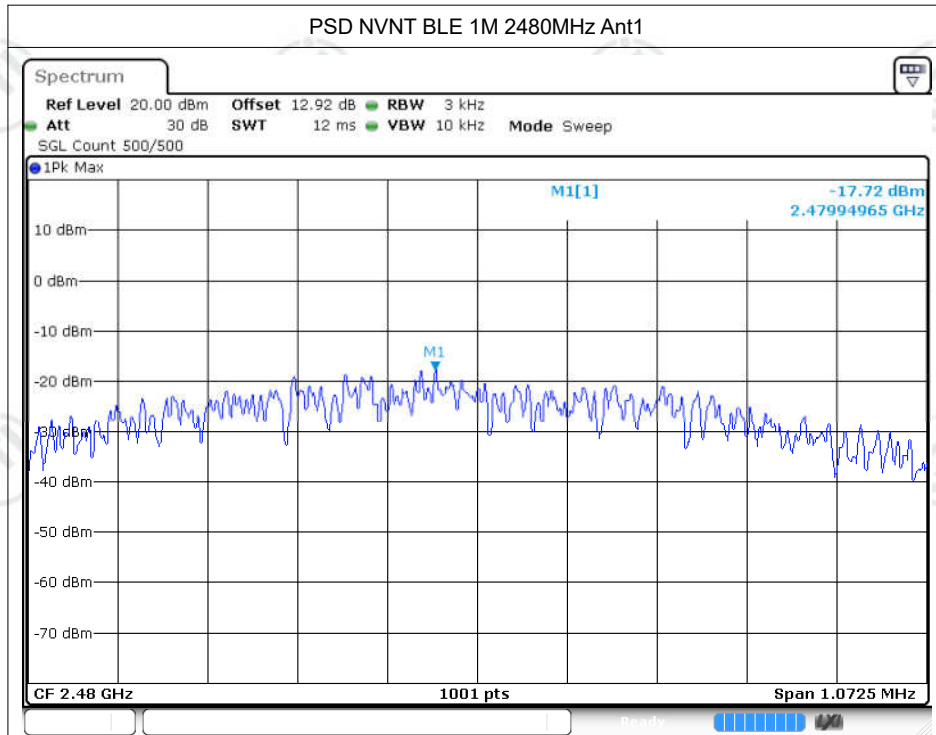
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.87	8	Pass
NVNT	BLE 1M	2440	Ant1	-17.37	8	Pass
NVNT	BLE 1M	2480	Ant1	-17.72	8	Pass
NVNT	BLE 2M	2402	Ant1	-19.4	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.83	8	Pass
NVNT	BLE 2M	2480	Ant1	-20.24	8	Pass



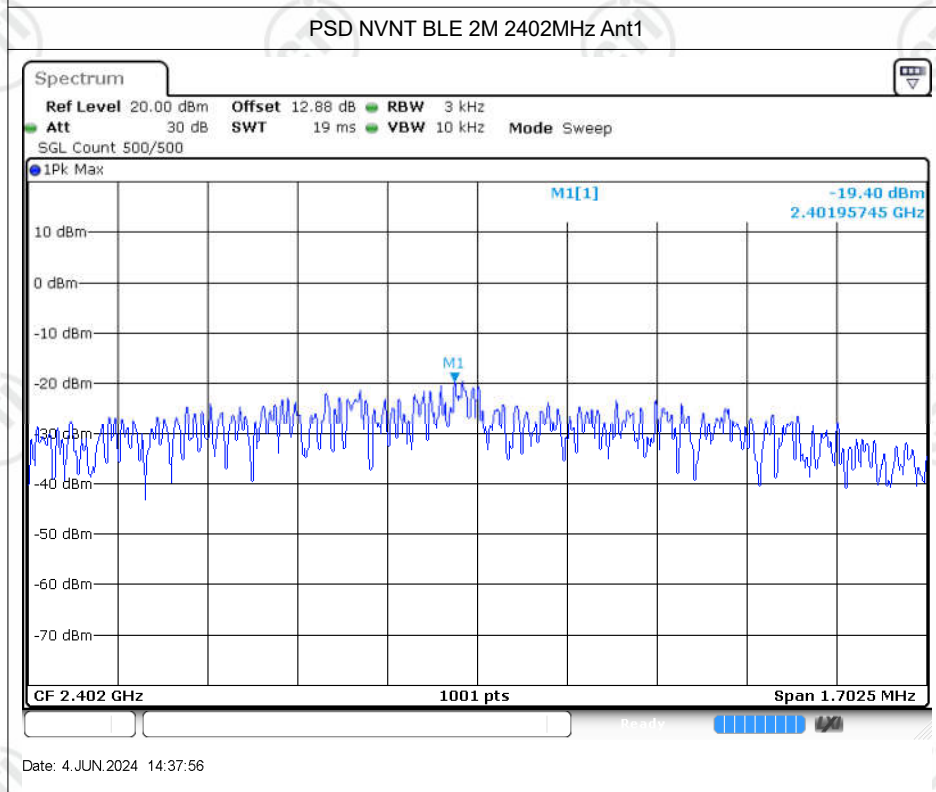
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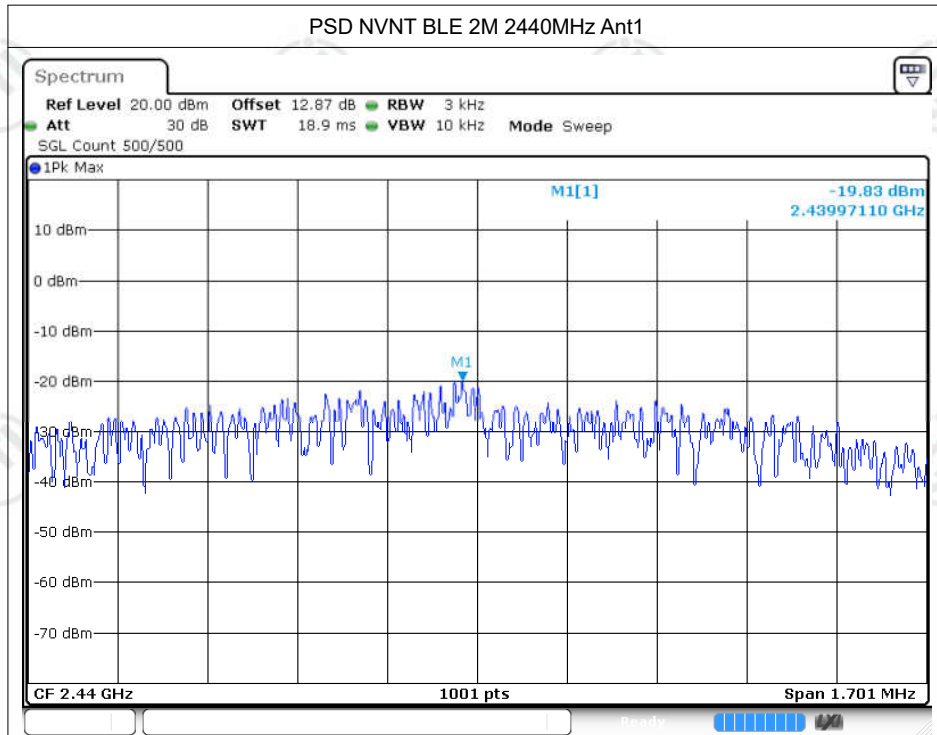
Date: 4 JUN 2024 14:34:06



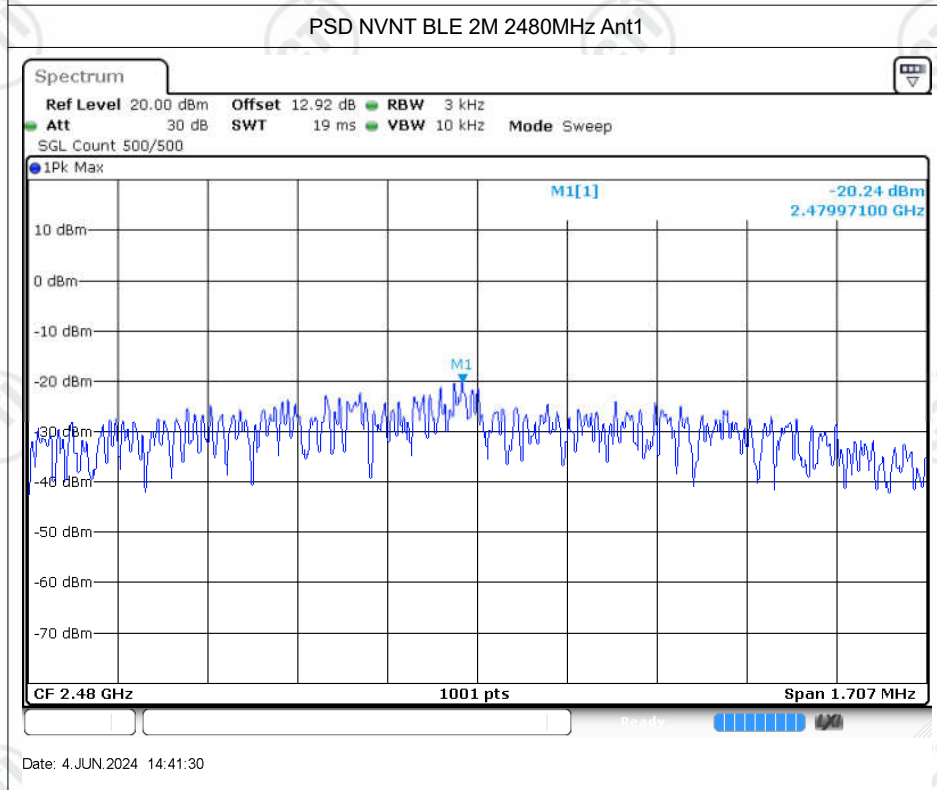
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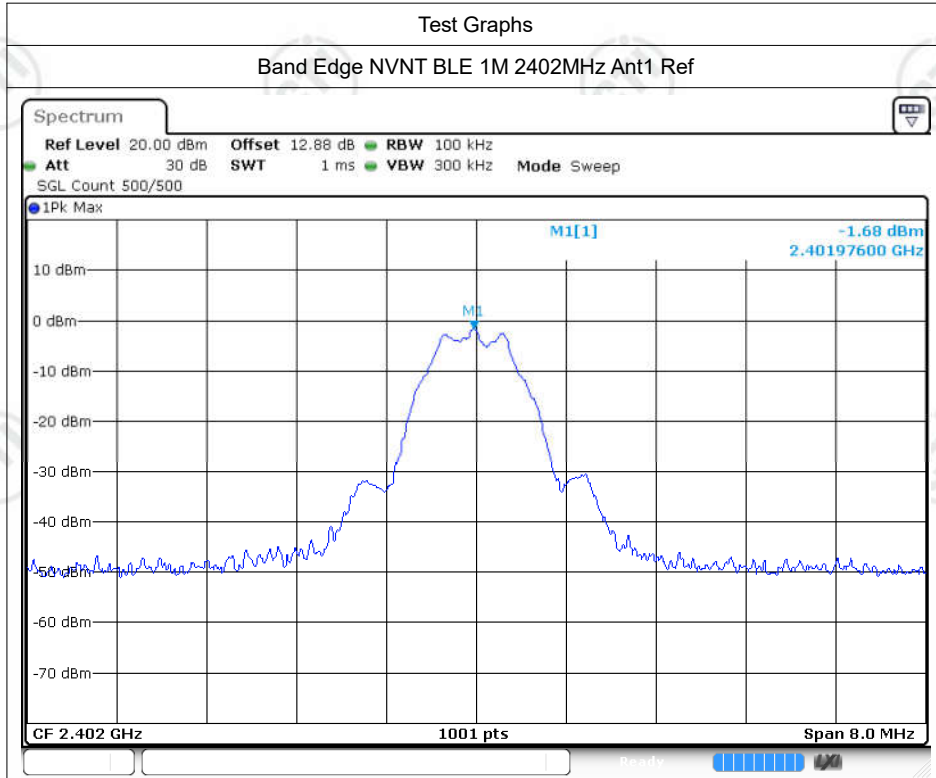
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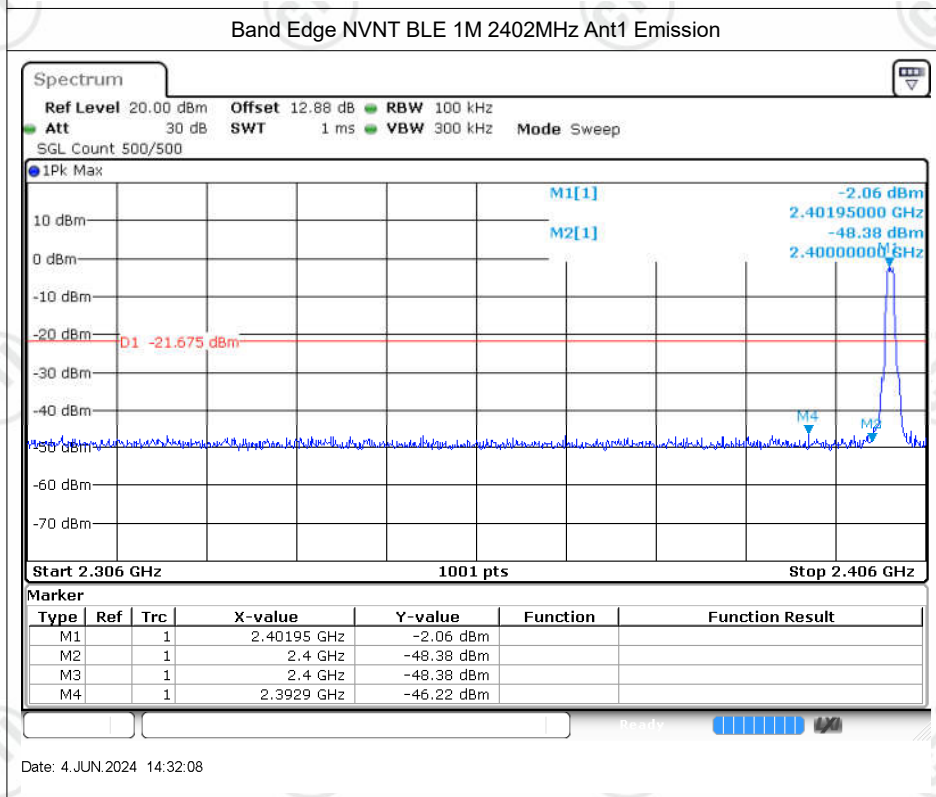
Date: 4 JUN 2024 14:41:30

Band Edge

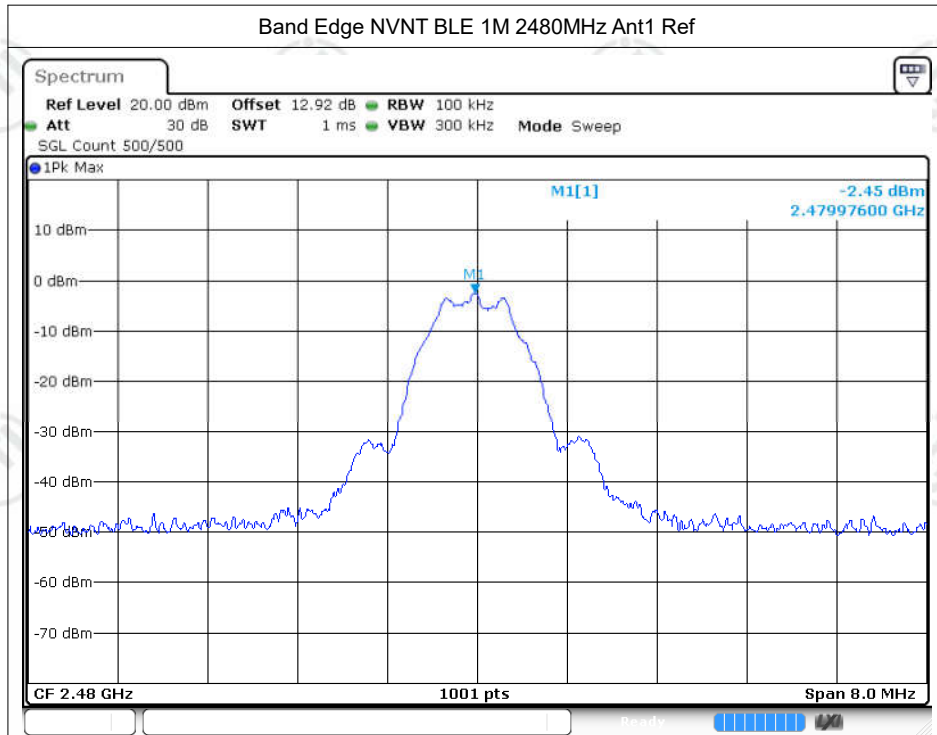
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-44.53	-20	Pass
NVNT	BLE 1M	2480	Ant1	-44.61	-20	Pass
NVNT	BLE 2M	2402	Ant1	-32.58	-20	Pass
NVNT	BLE 2M	2480	Ant1	-44.29	-20	Pass



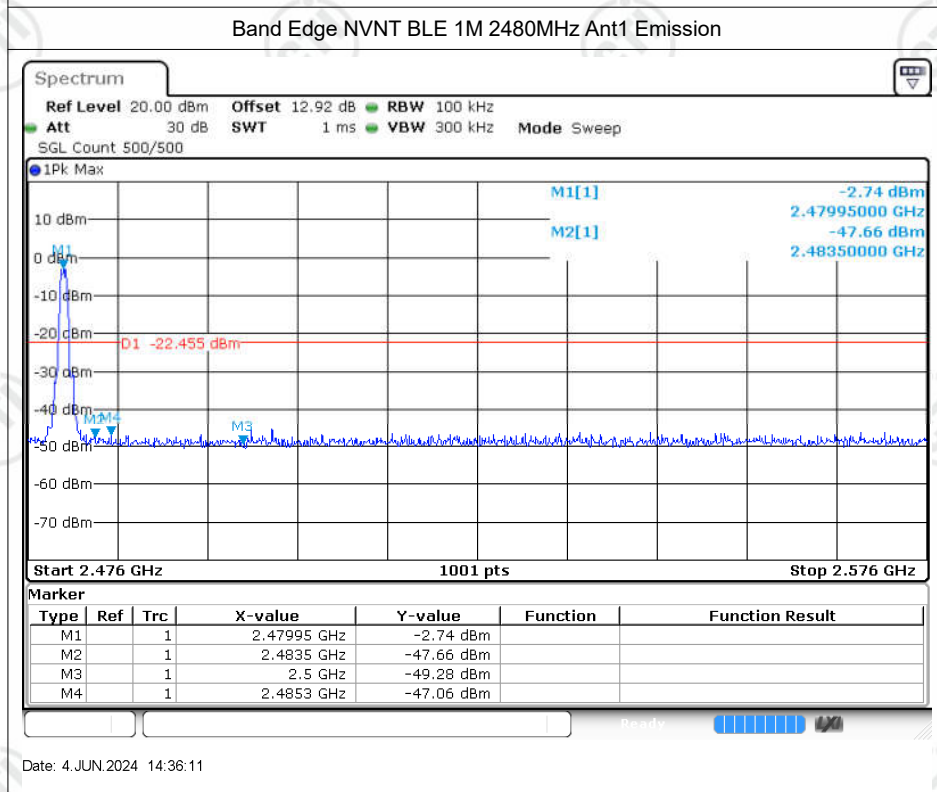
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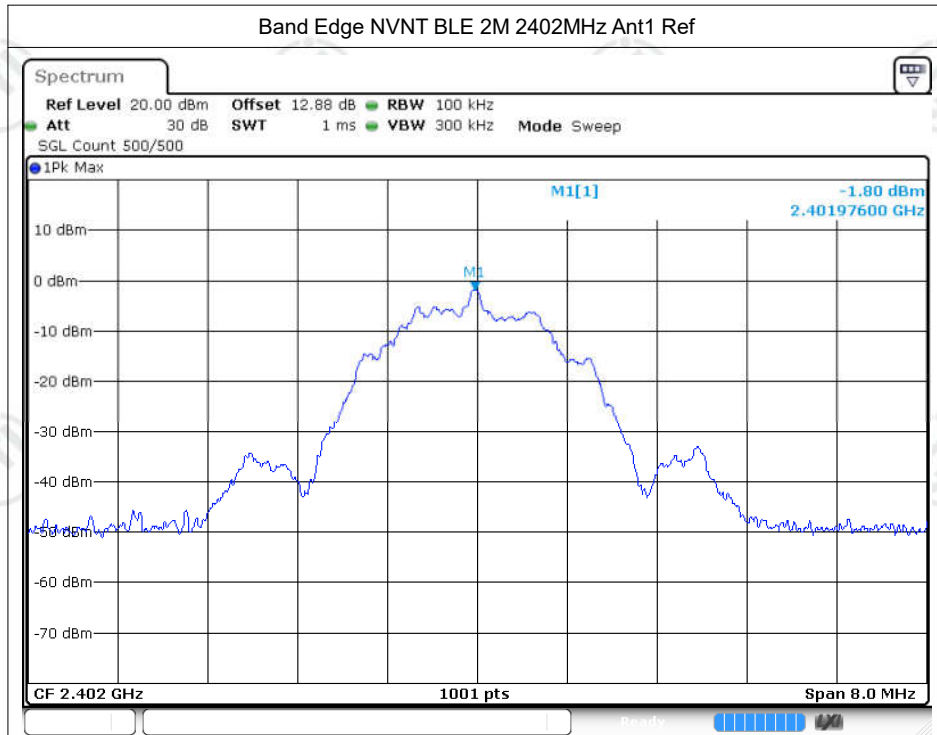
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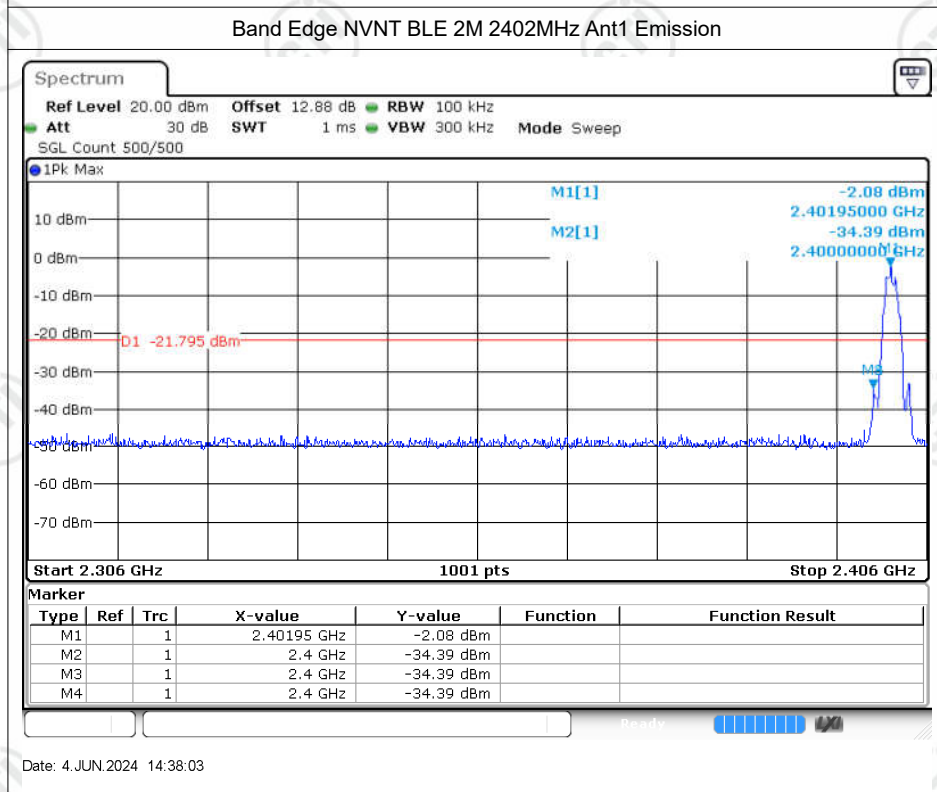
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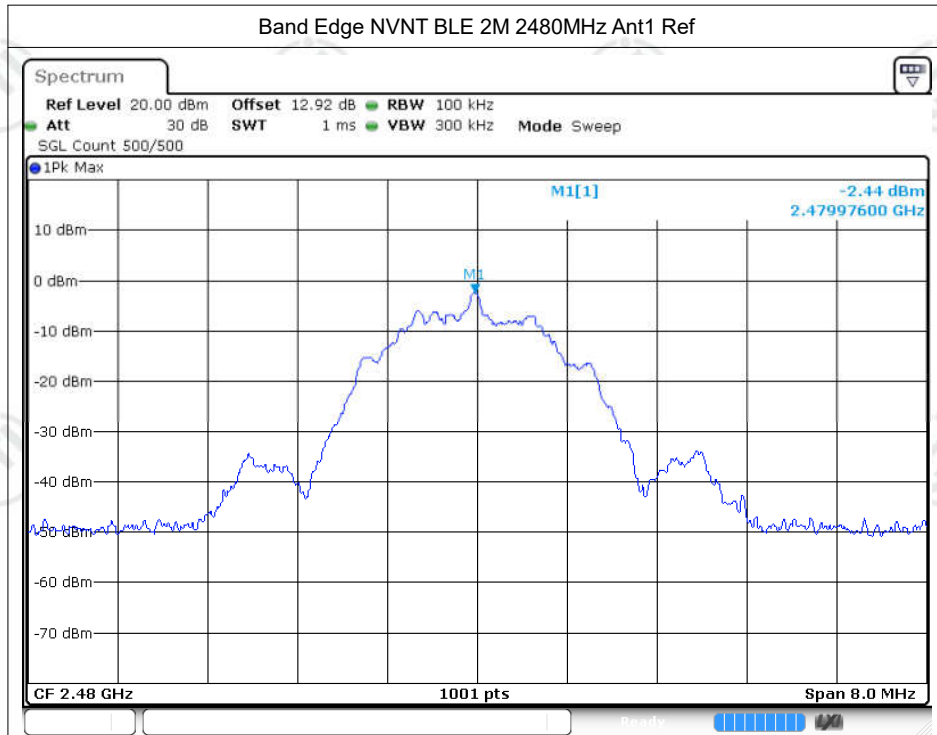
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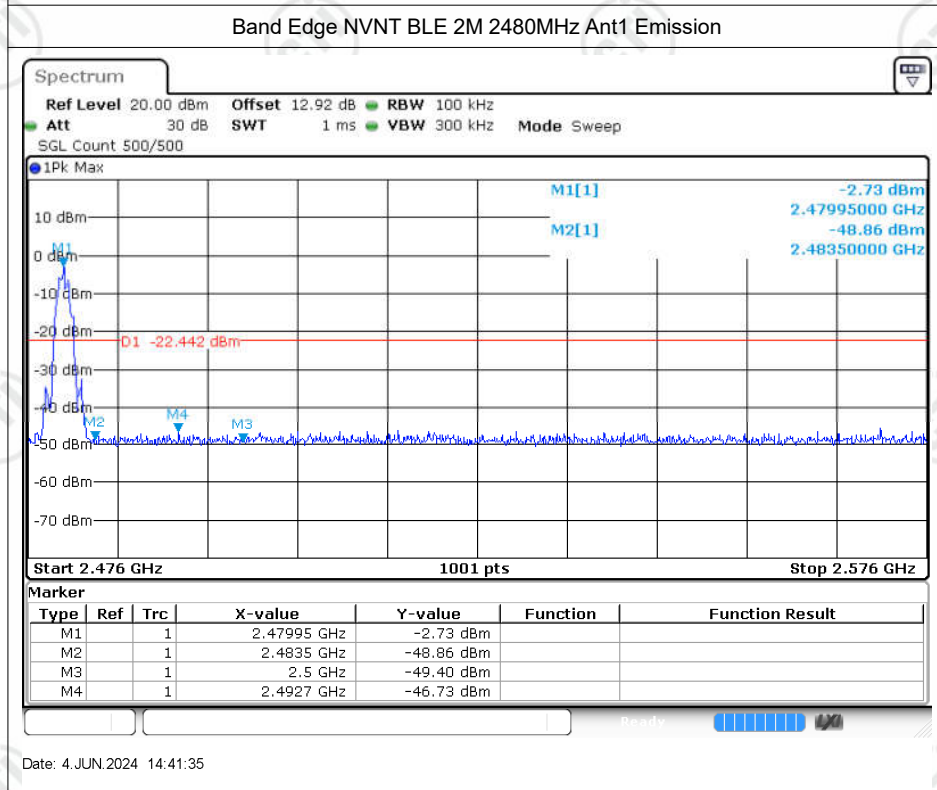
Date: 4 JUN 2024 14:37:59



Date: 4 JUN 2024 14:38:03



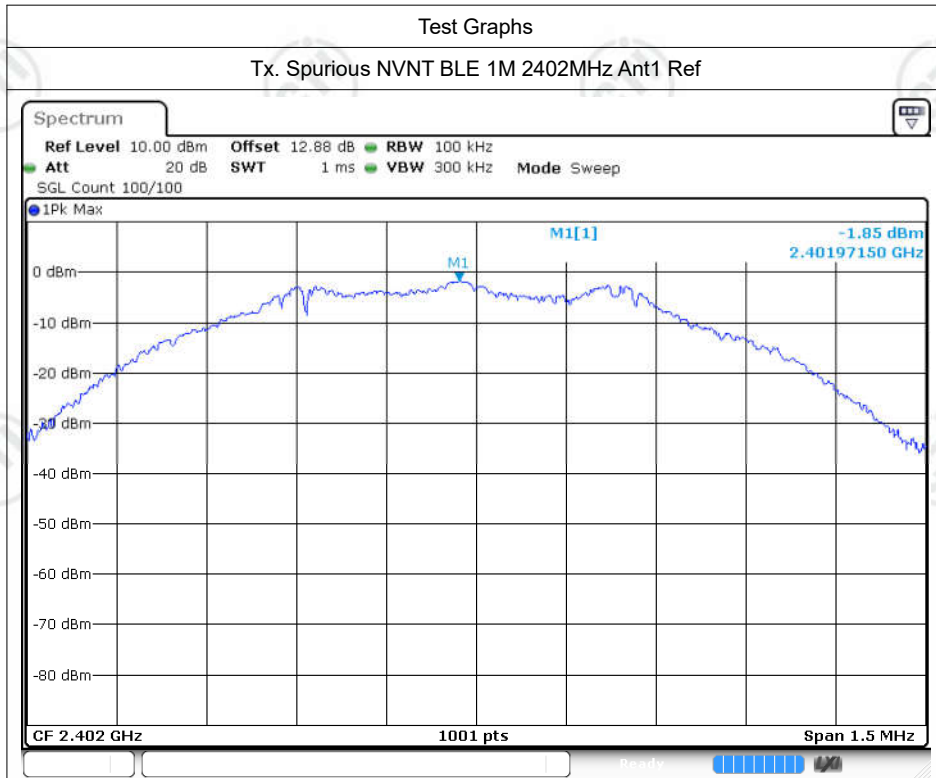
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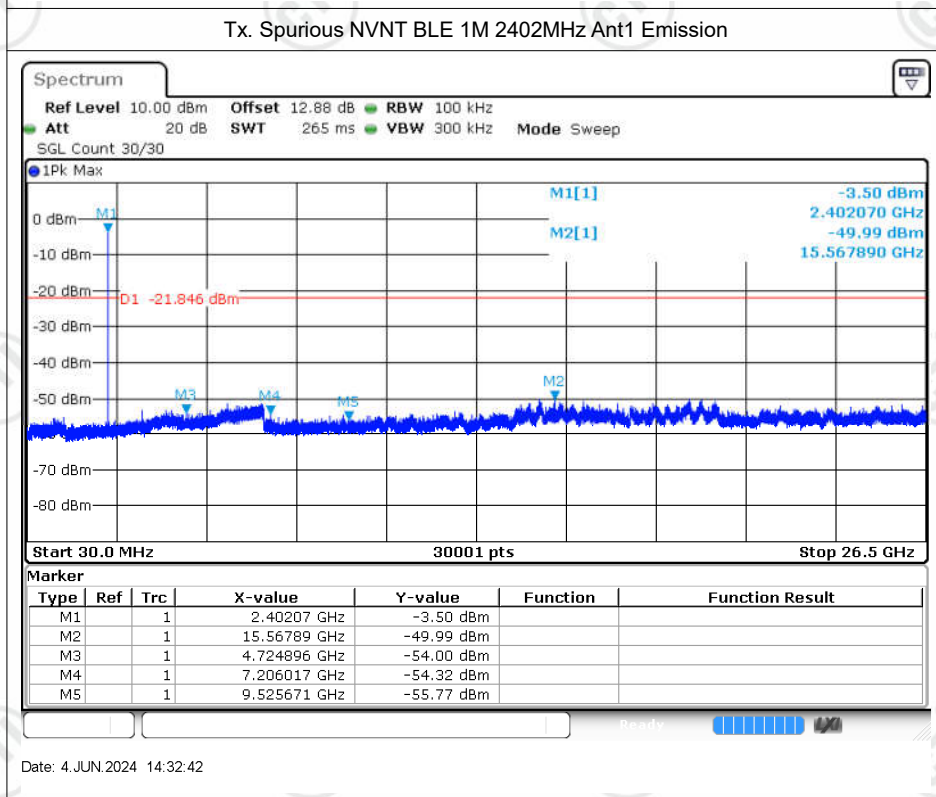
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Conducted RF Spurious Emission

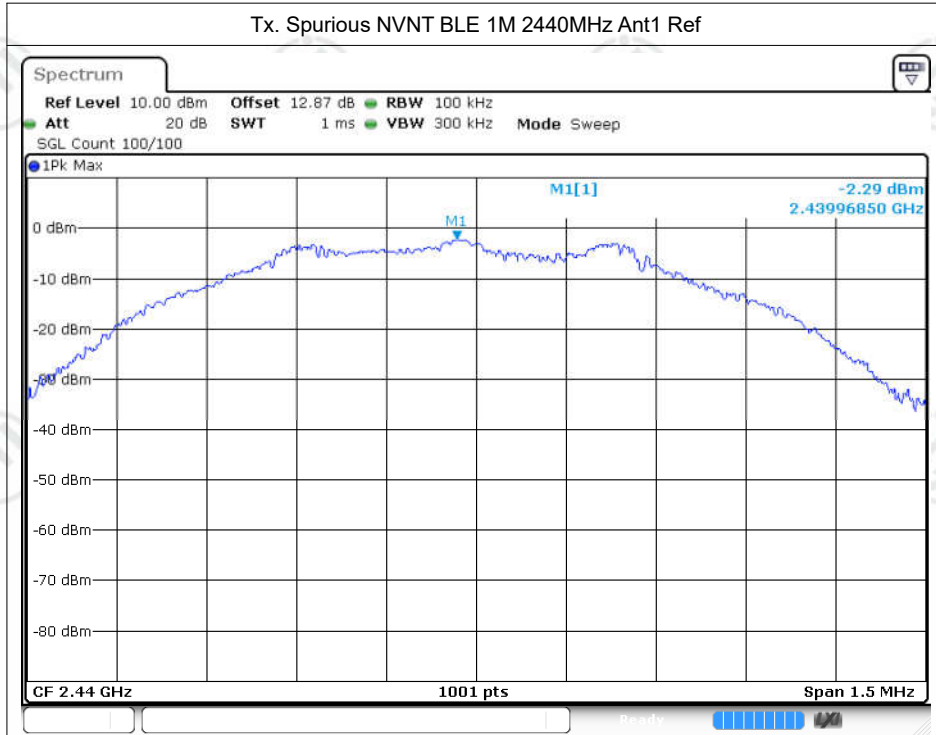
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.14	-20	Pass
NVNT	BLE 1M	2440	Ant1	-48.09	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.53	-20	Pass
NVNT	BLE 2M	2402	Ant1	-42.79	-20	Pass
NVNT	BLE 2M	2440	Ant1	-46.45	-20	Pass
NVNT	BLE 2M	2480	Ant1	-46.47	-20	Pass



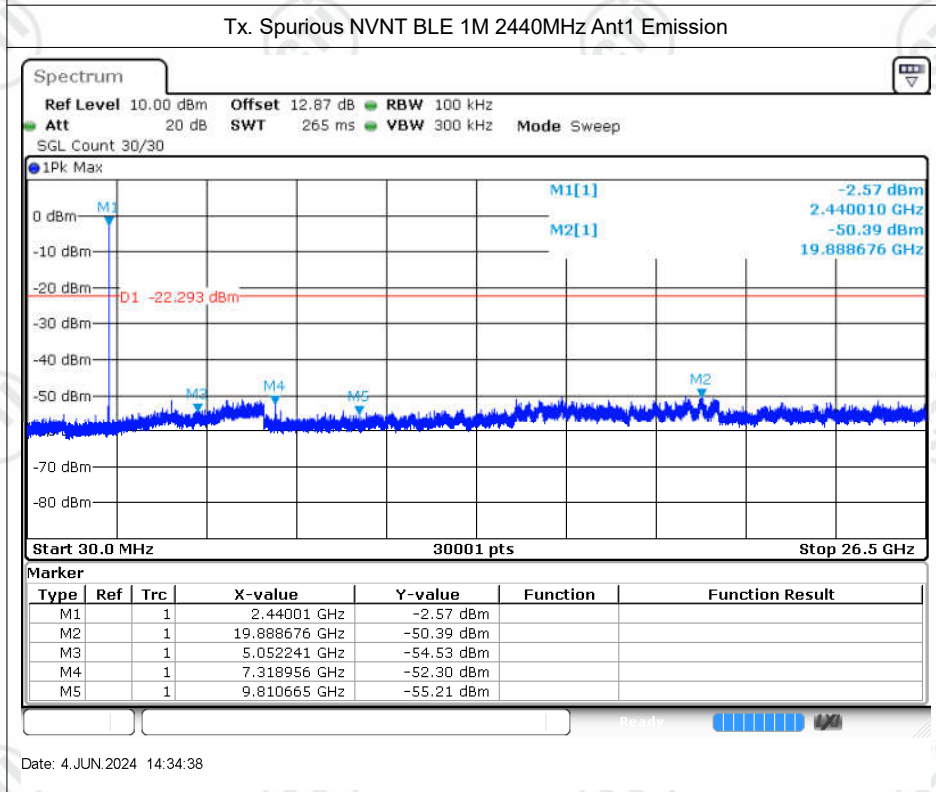
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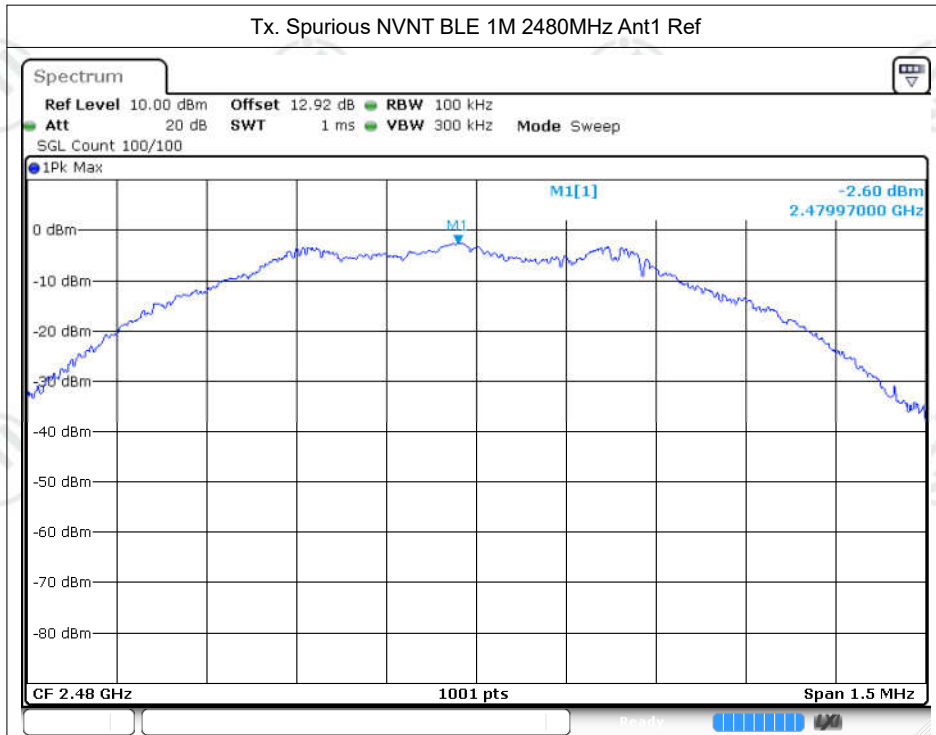
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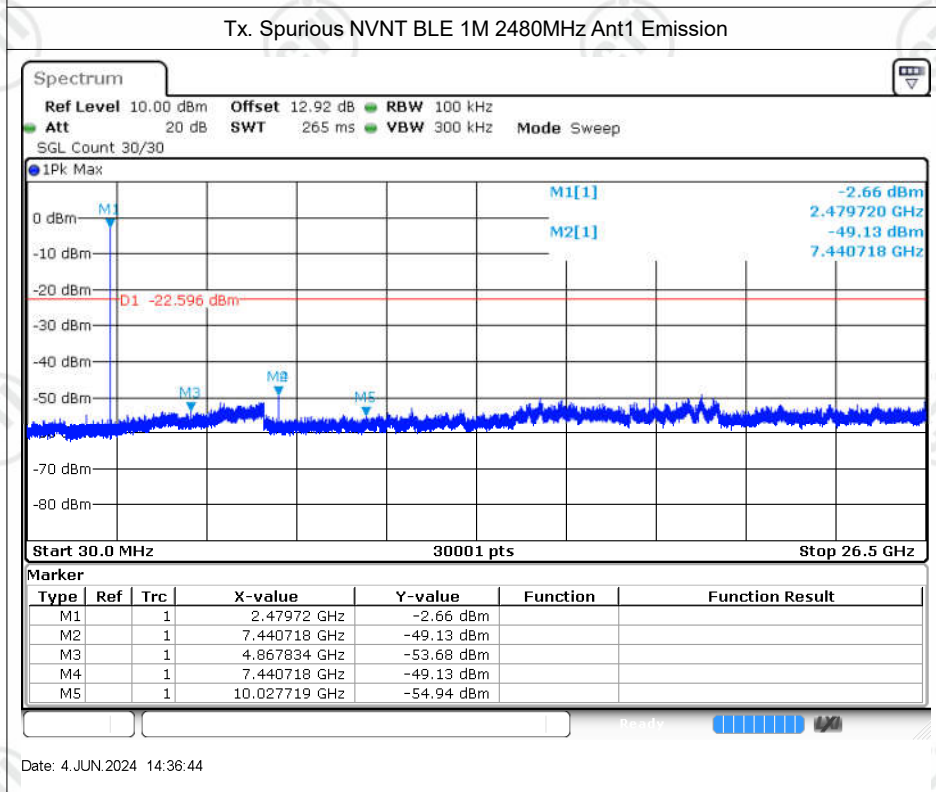
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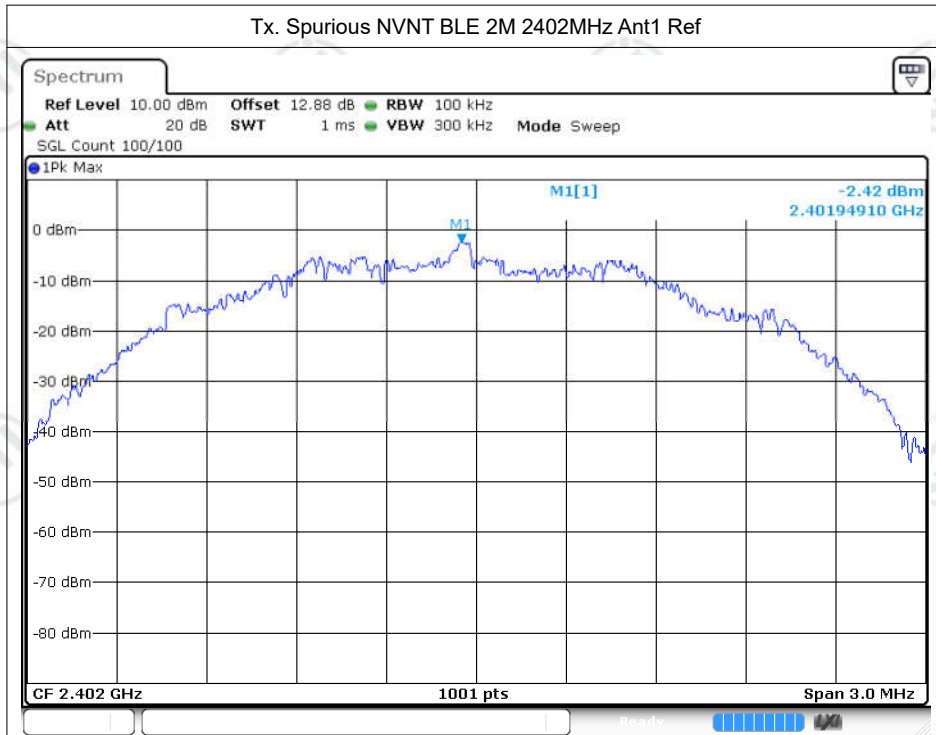
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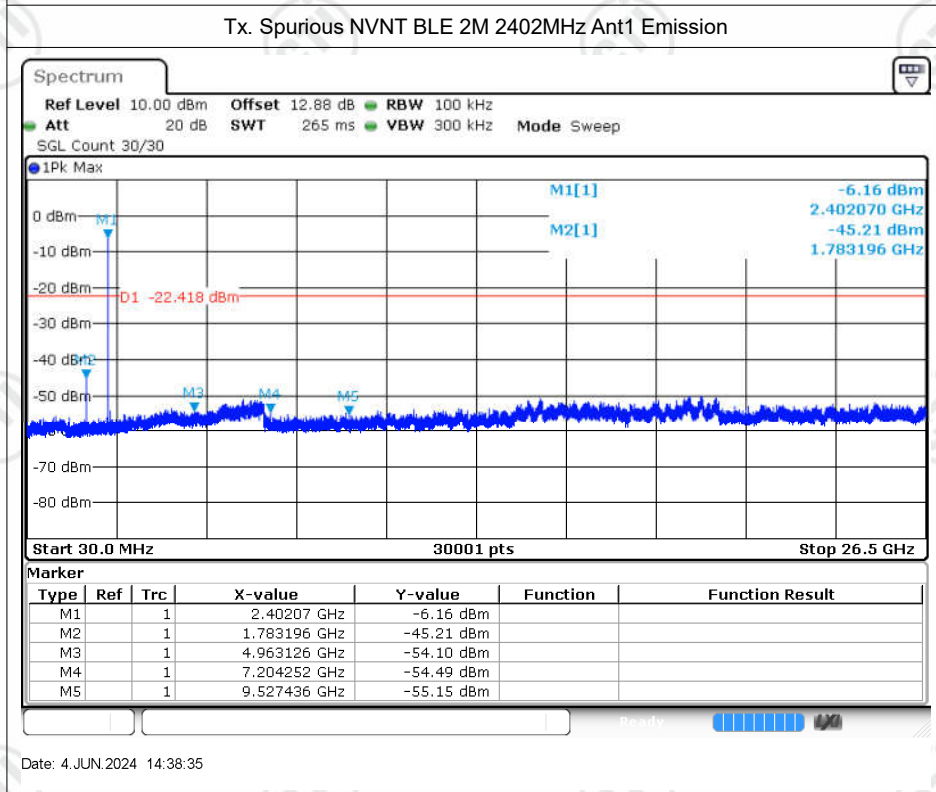
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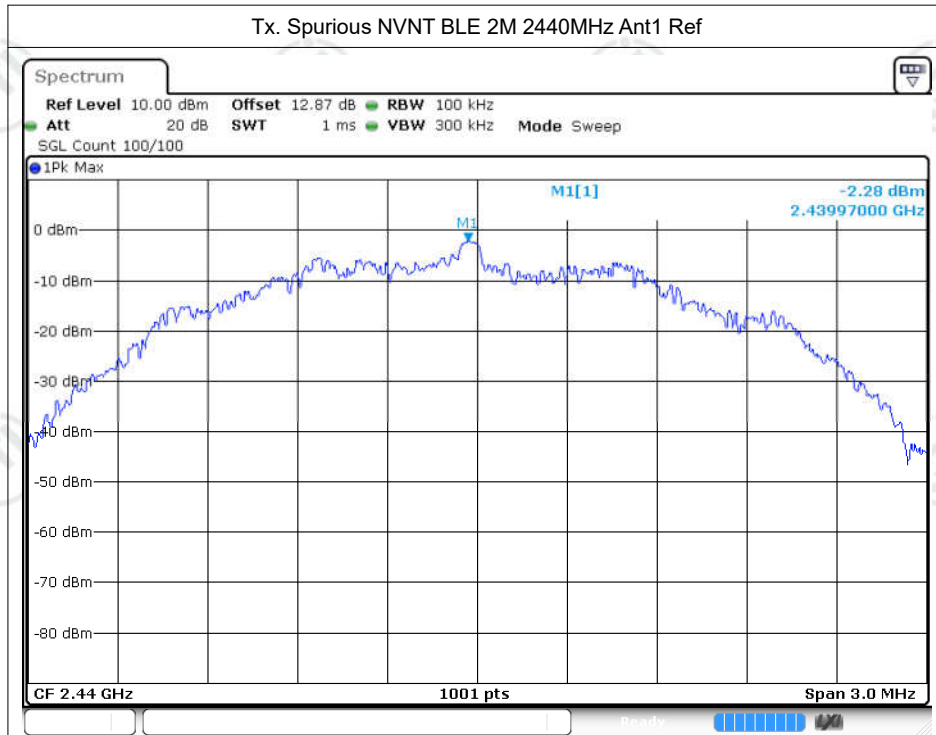
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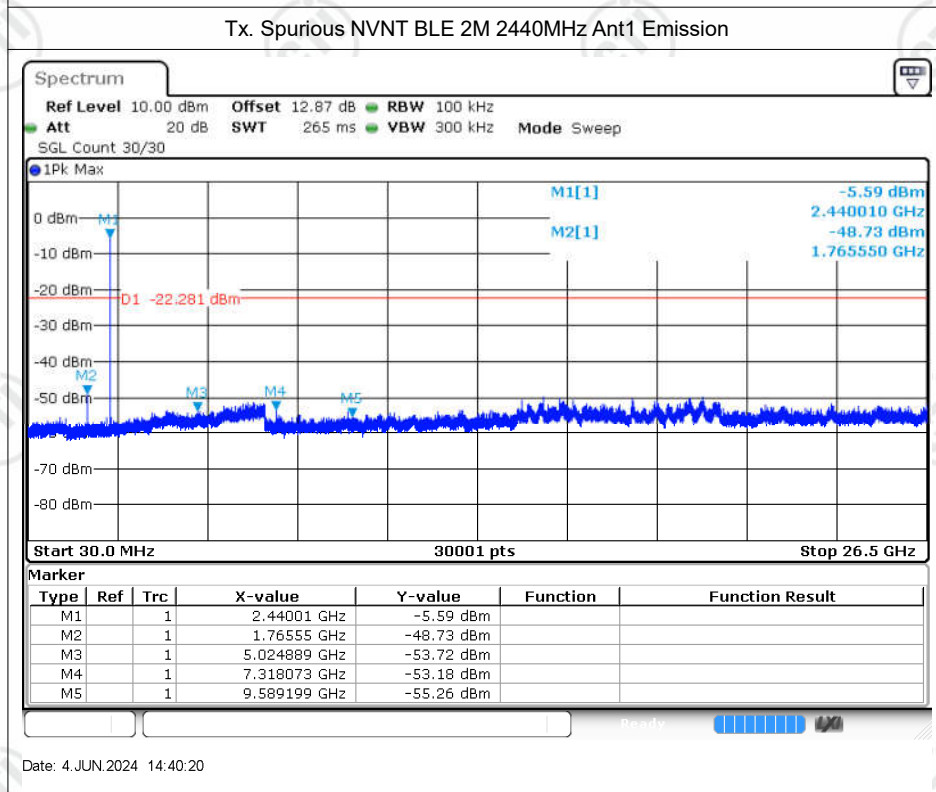
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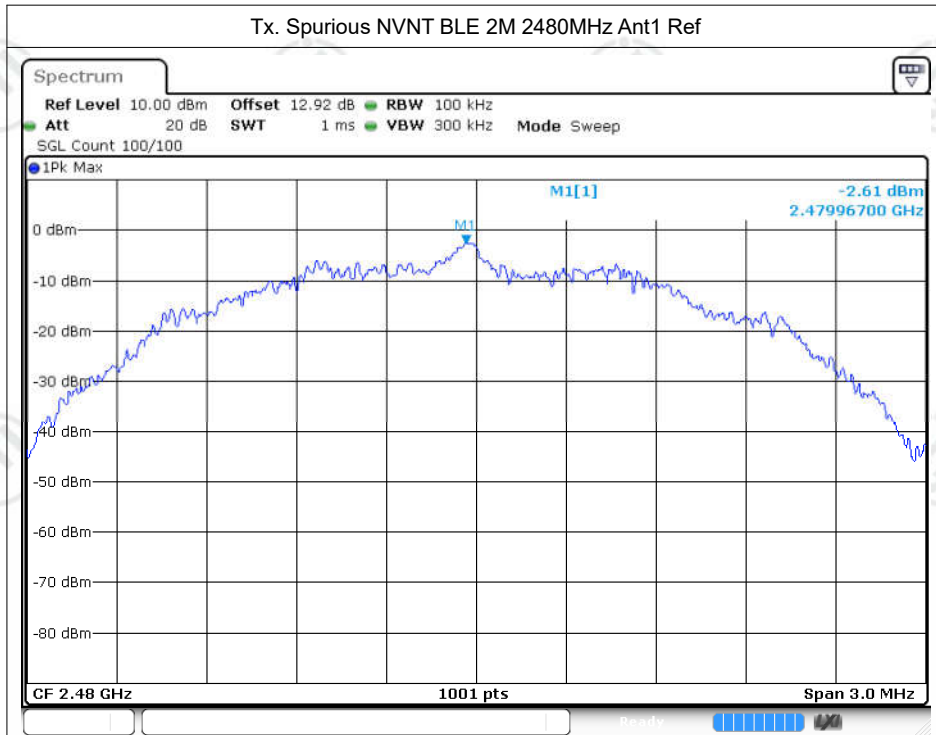
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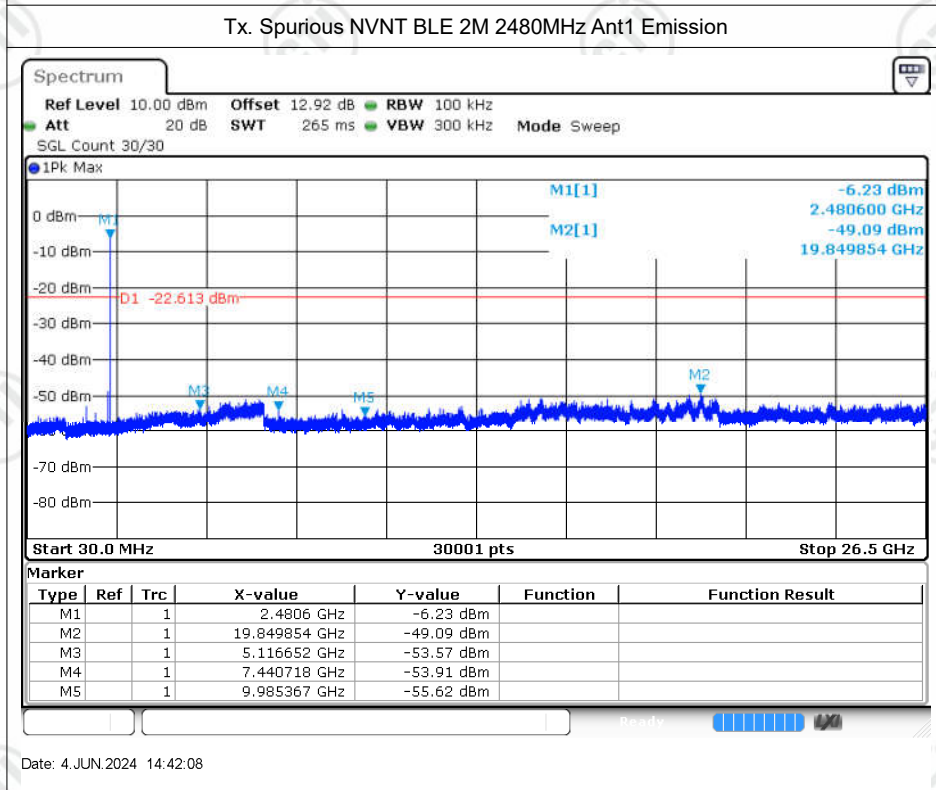
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Date: 4 JUN 2024 14:41:39



Date: 4 JUN 2024 14:42:08

*** End of Report ***