

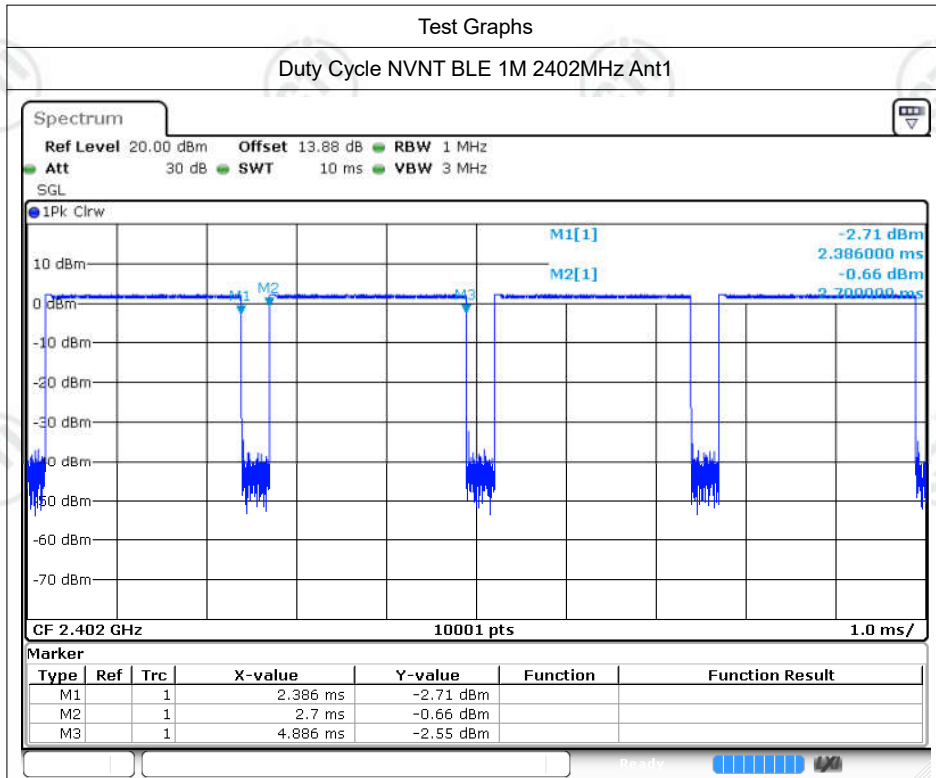
## Appendix: Bluetooth LE

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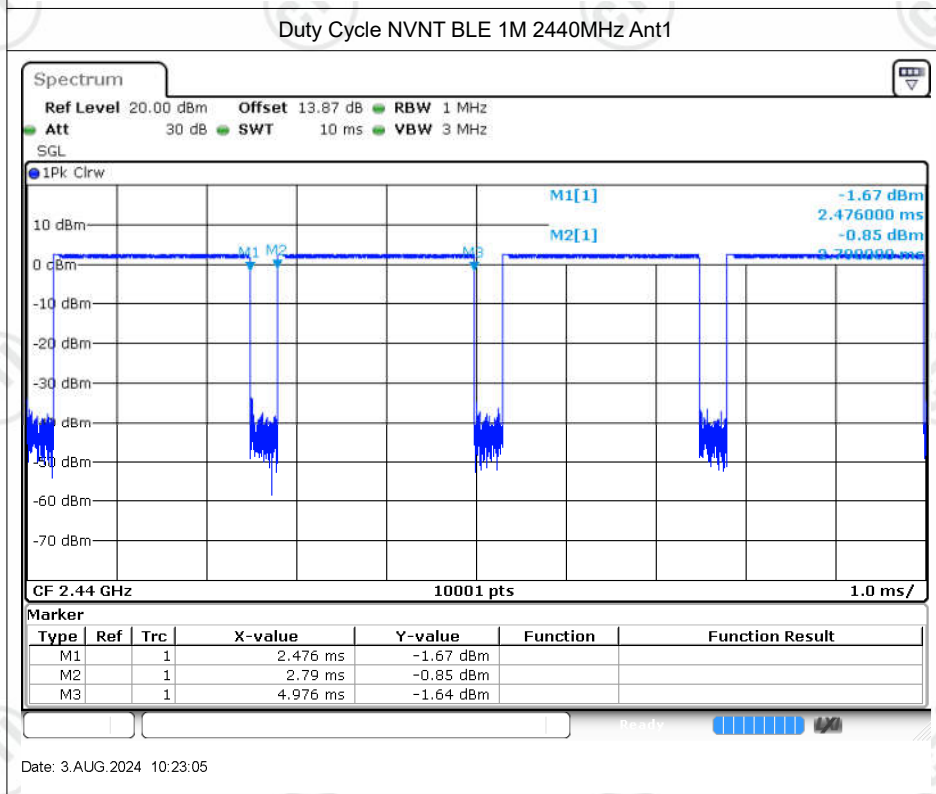
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## Duty Cycle

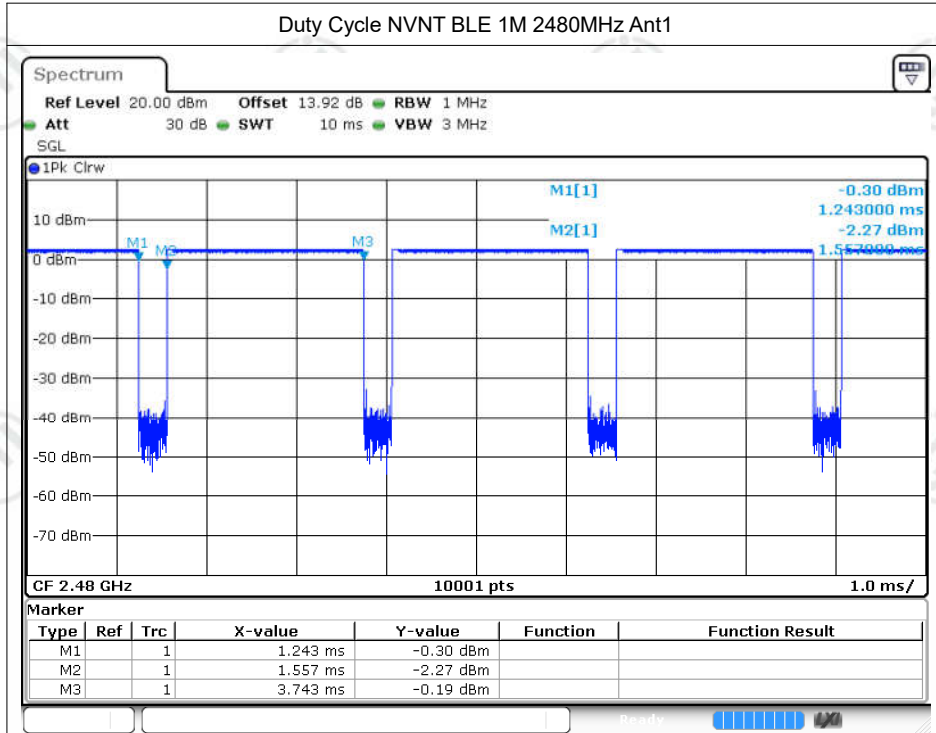
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	87.44	0.58	0.46
NVNT	BLE 1M	2440	Ant1	87.44	0.58	0.46
NVNT	BLE 1M	2480	Ant1	87.44	0.58	0.46
NVNT	BLE 2M	2402	Ant1	45.2	3.45	0.88
NVNT	BLE 2M	2440	Ant1	45.2	3.45	0.88
NVNT	BLE 2M	2480	Ant1	45.24	3.44	0.88



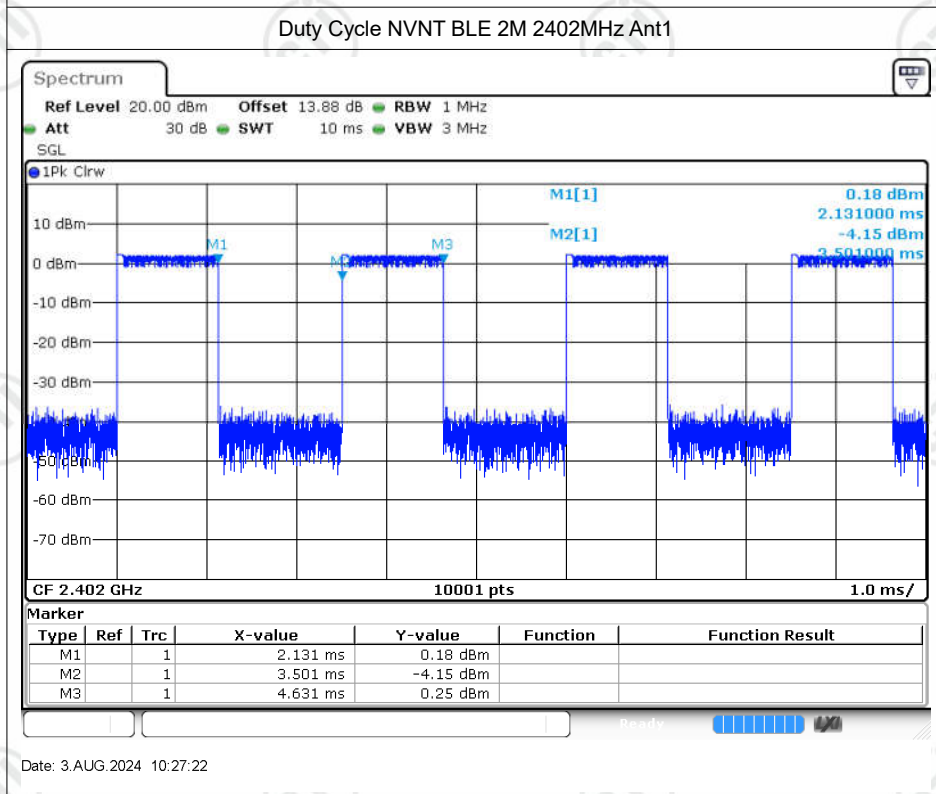
Date: 3.AUG.2024 10:13:50



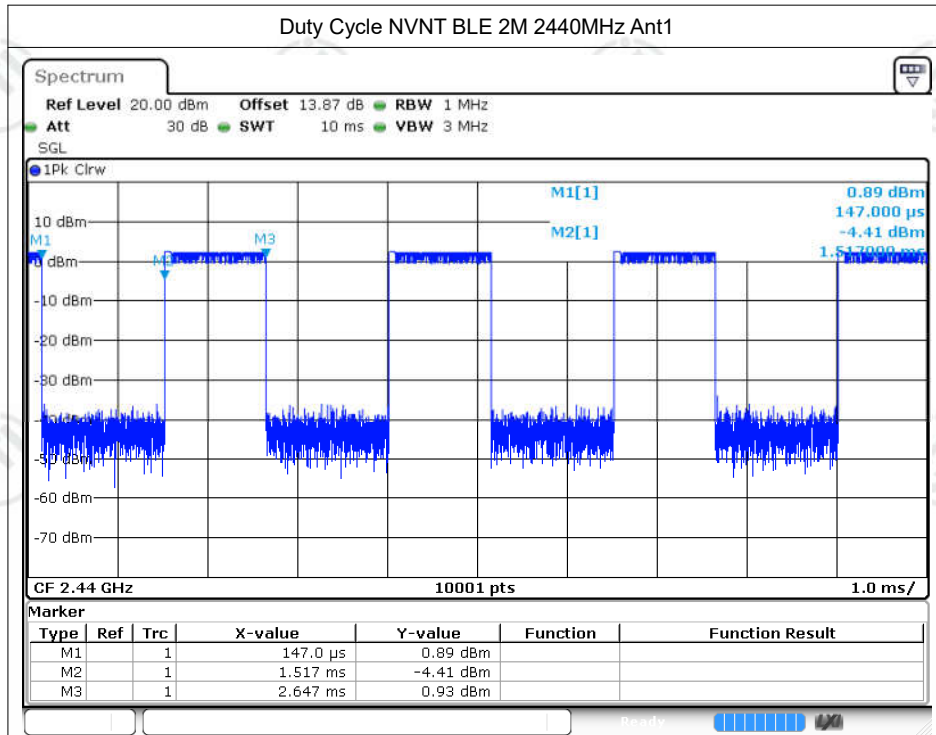
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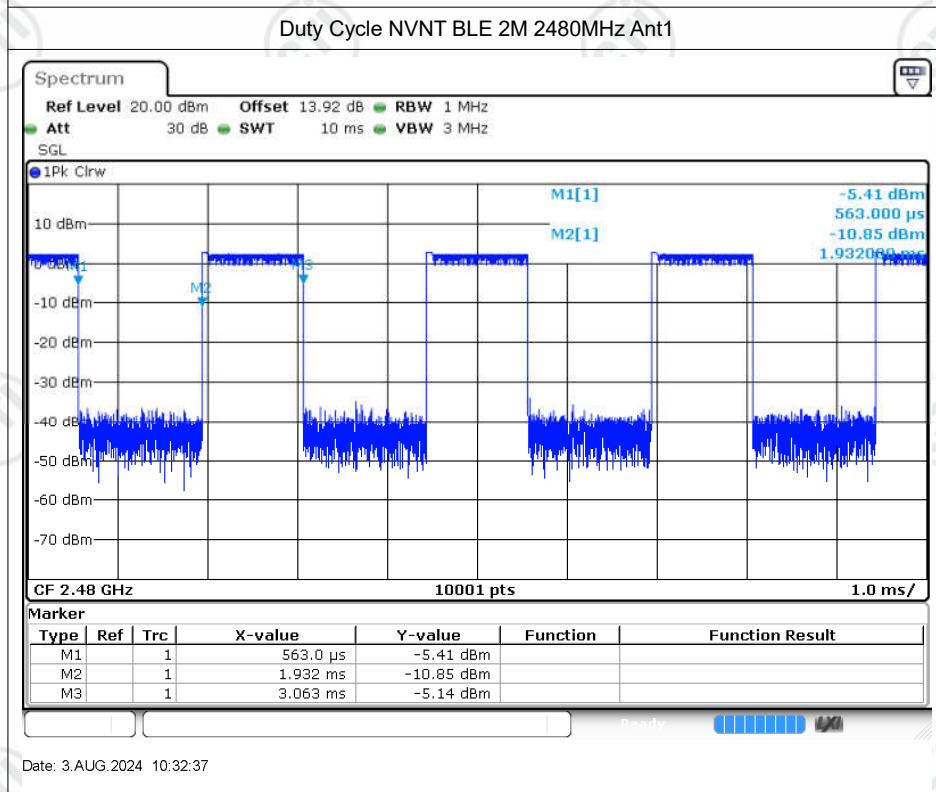
Date: 3.AUG.2024 10:25:22



Date: 3.AUG.2024 10:27:22



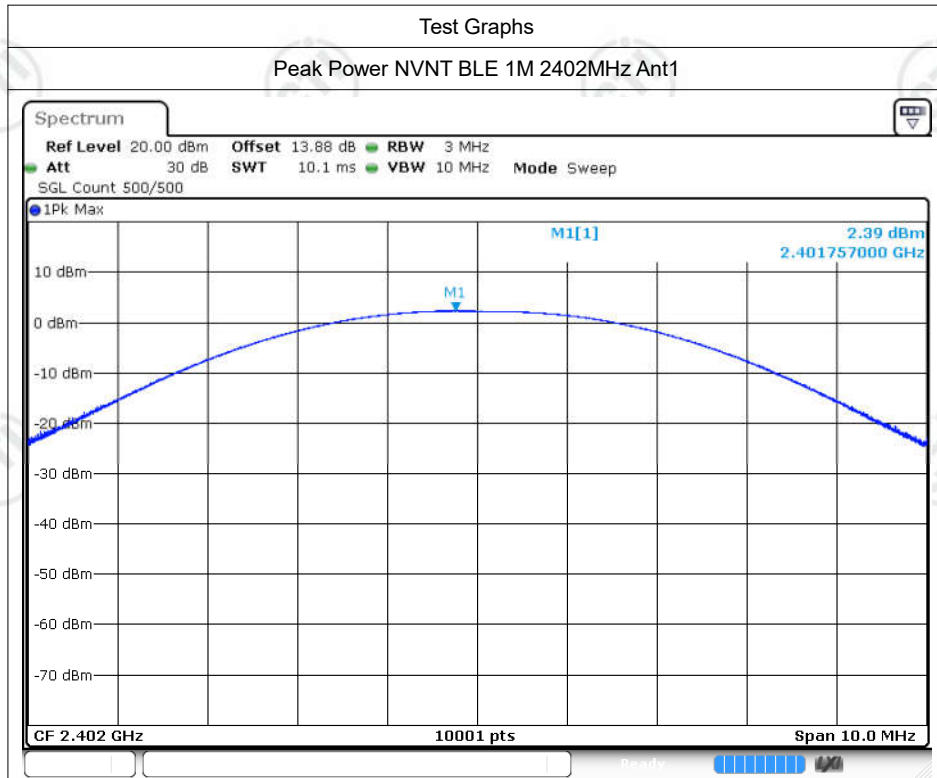
Date: 3.AUG.2024 10:29:15



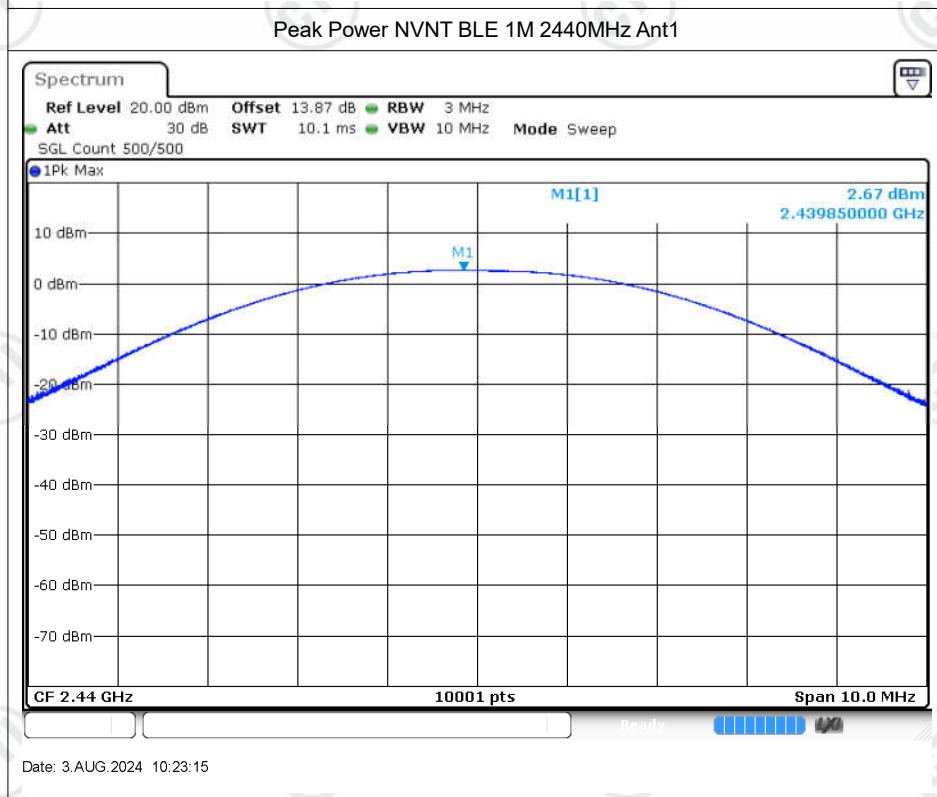
Date: 3.AUG.2024 10:32:37

**Maximum Peak Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.39	30	Pass
NVNT	BLE 1M	2440	Ant1	2.67	30	Pass
NVNT	BLE 1M	2480	Ant1	2.74	30	Pass
NVNT	BLE 2M	2402	Ant1	2.44	30	Pass
NVNT	BLE 2M	2440	Ant1	2.86	30	Pass
NVNT	BLE 2M	2480	Ant1	<b>2.96</b>	30	Pass

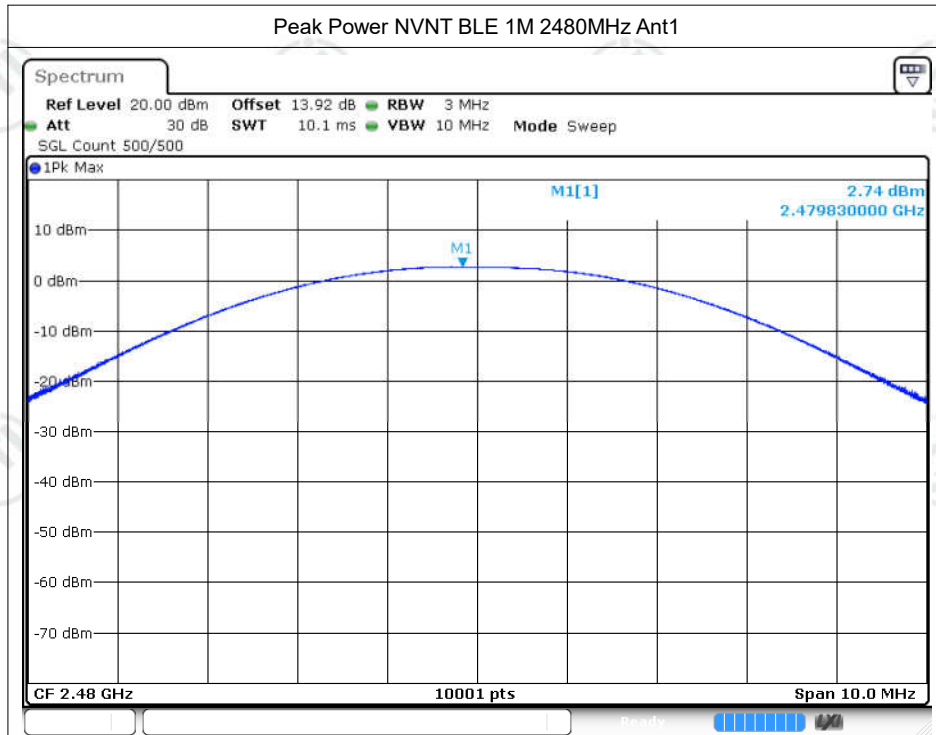


Date: 3.AUG.2024 10:14:00

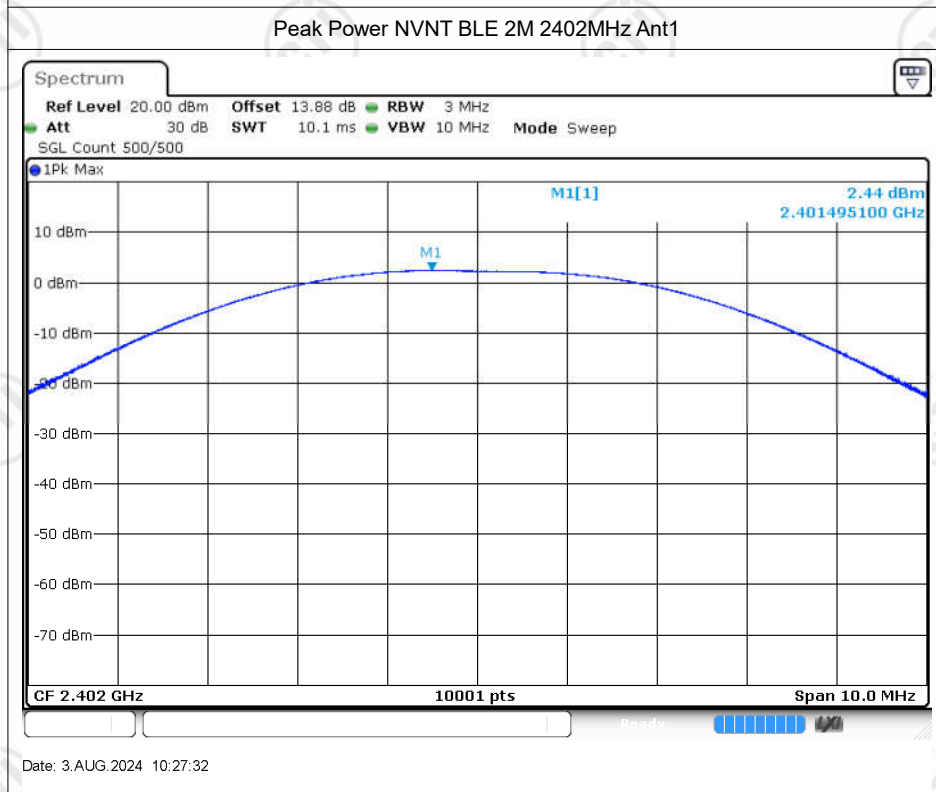


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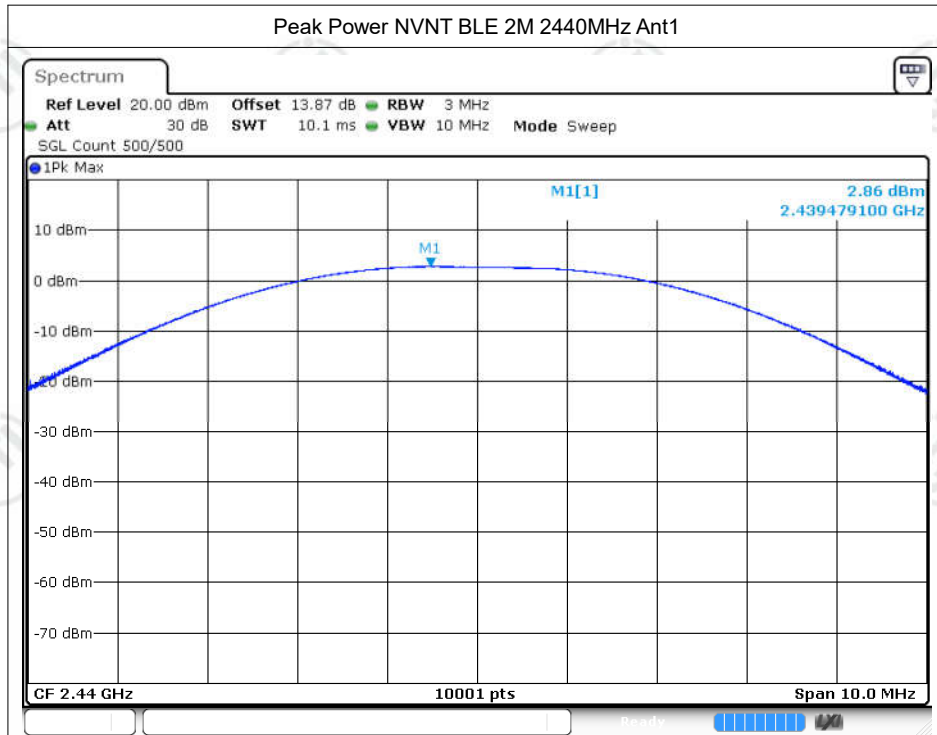




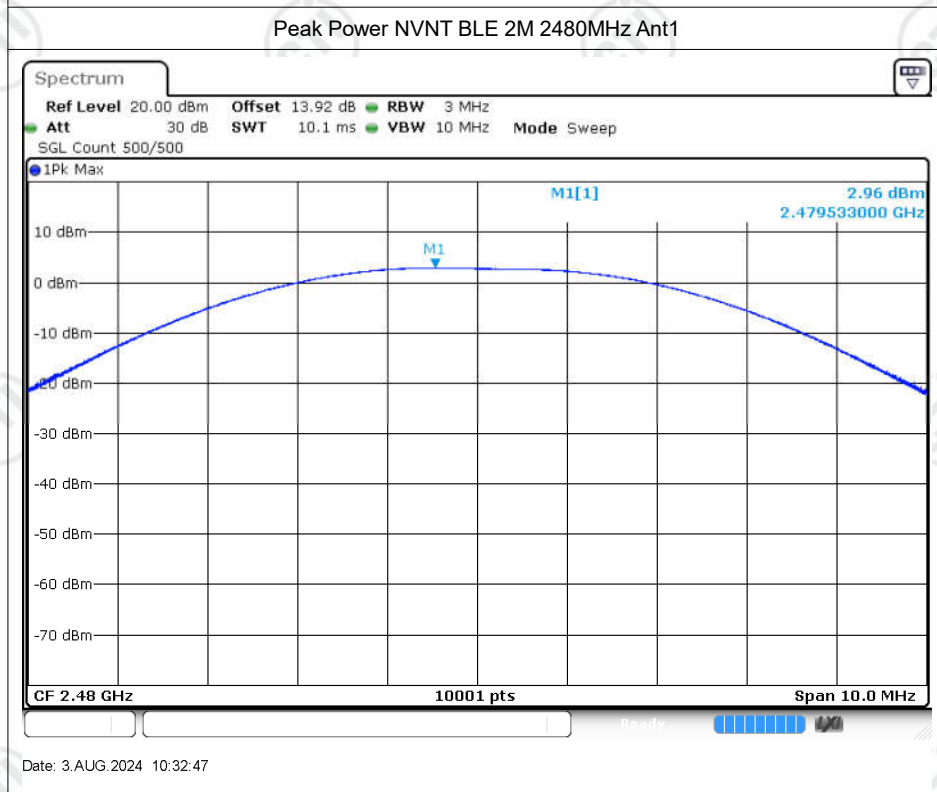
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Date: 3.AUG.2024 10:27:32



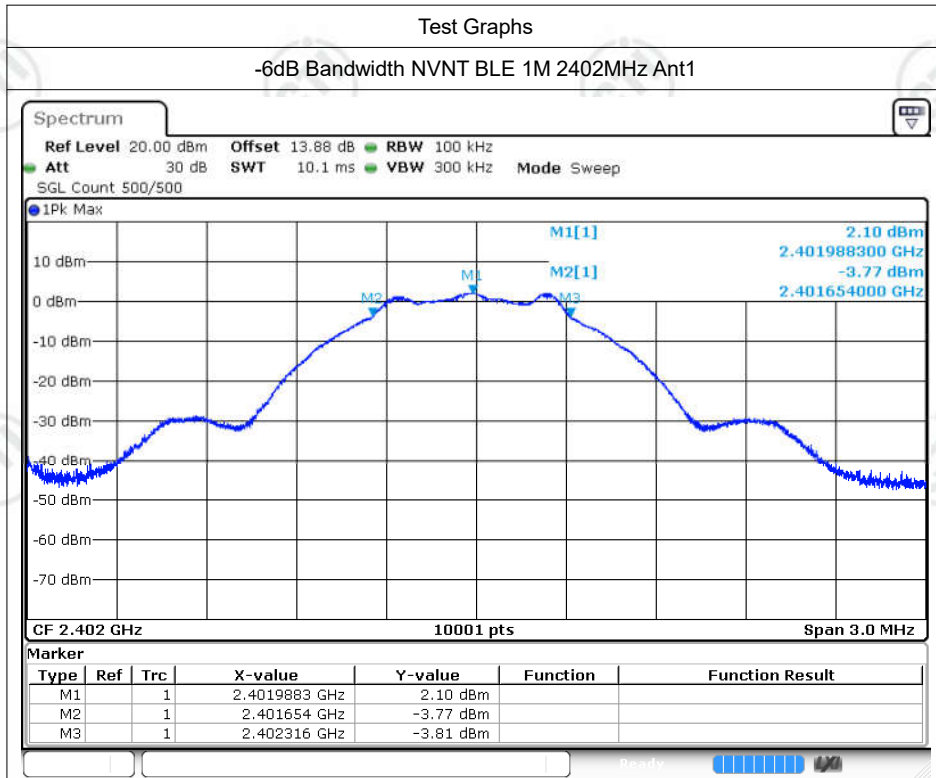
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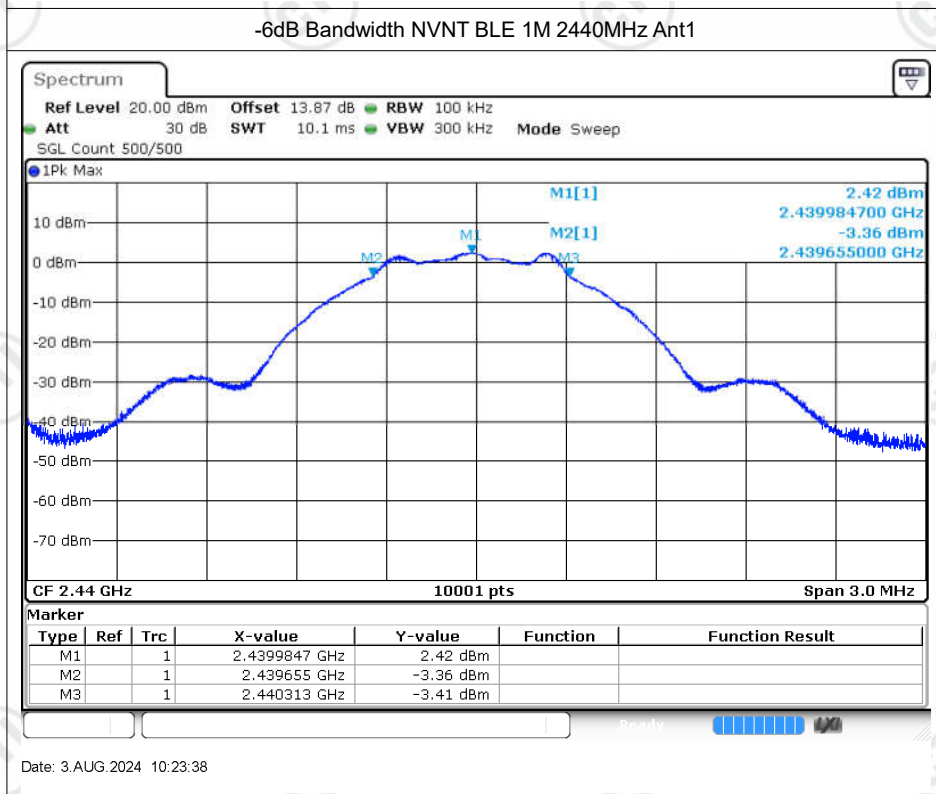
Date: 3.AUG.2024 10:32:47

**-6dB Bandwidth**

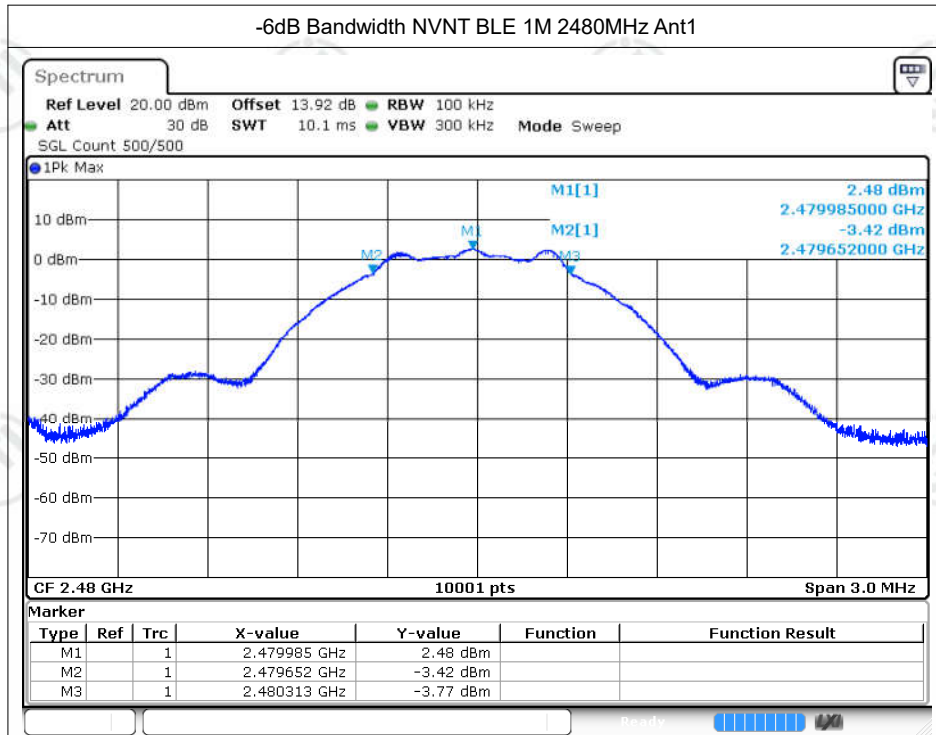
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.662	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.658	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.661	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.136	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.135	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.135	0.5	Pass



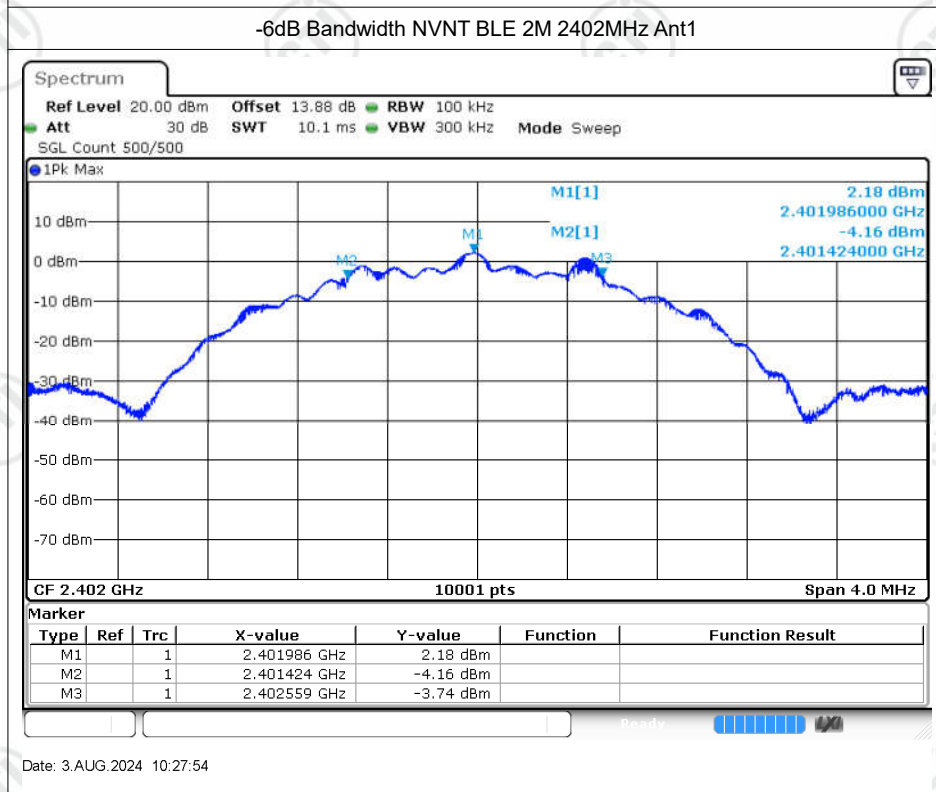
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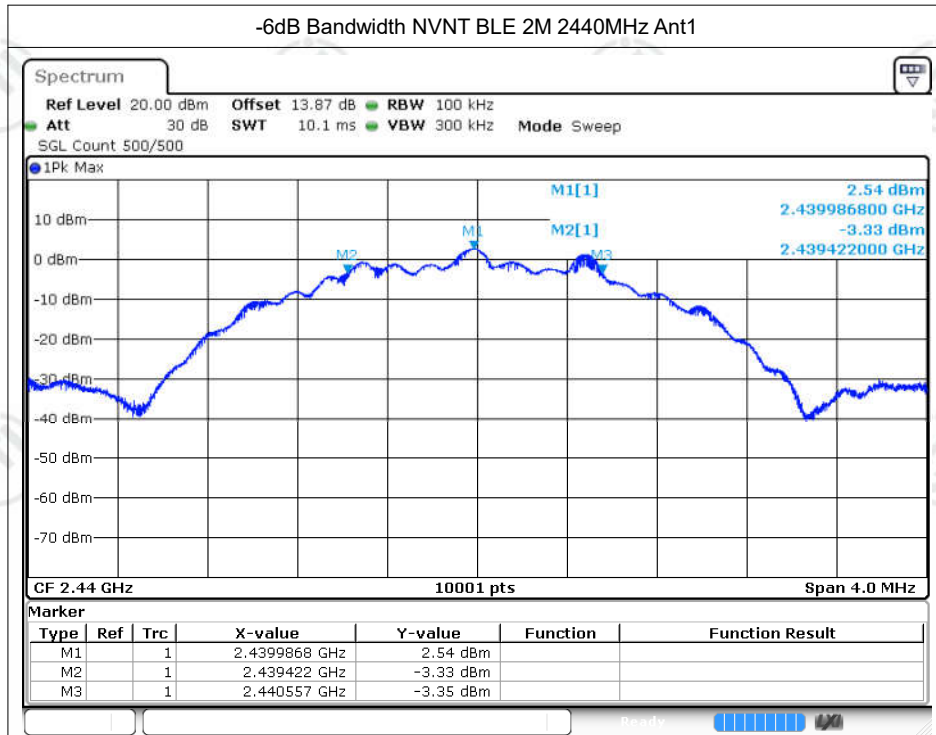
Date: 3.AUG.2024 10:23:38



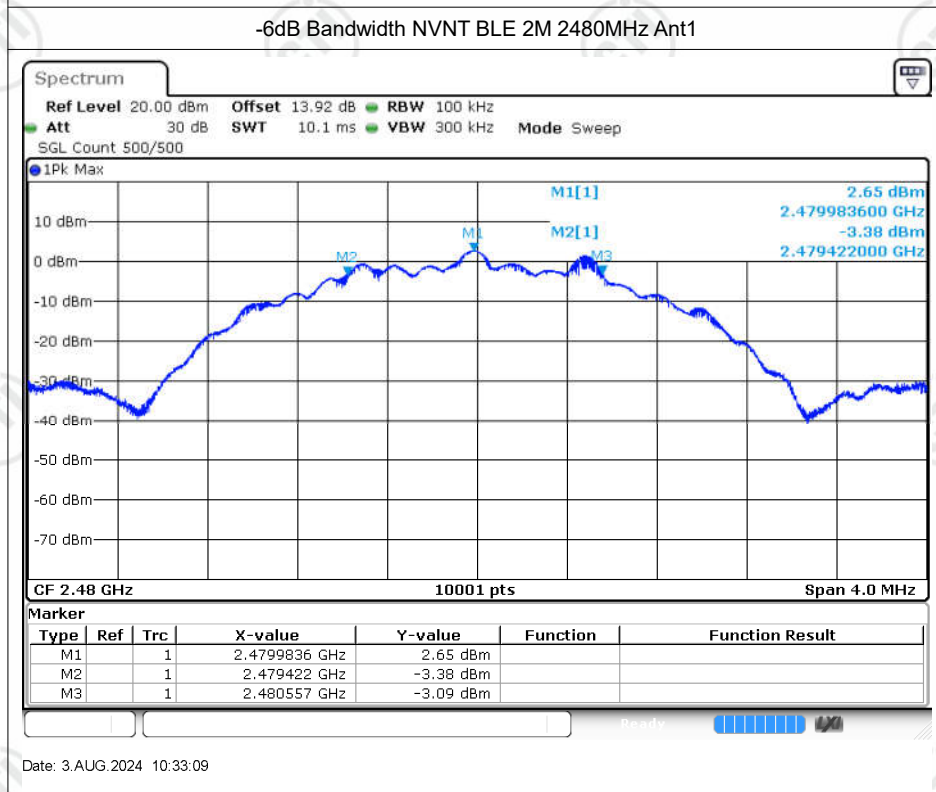
Date: 3.AUG.2024 10:25:54



Date: 3.AUG.2024 10:27:54



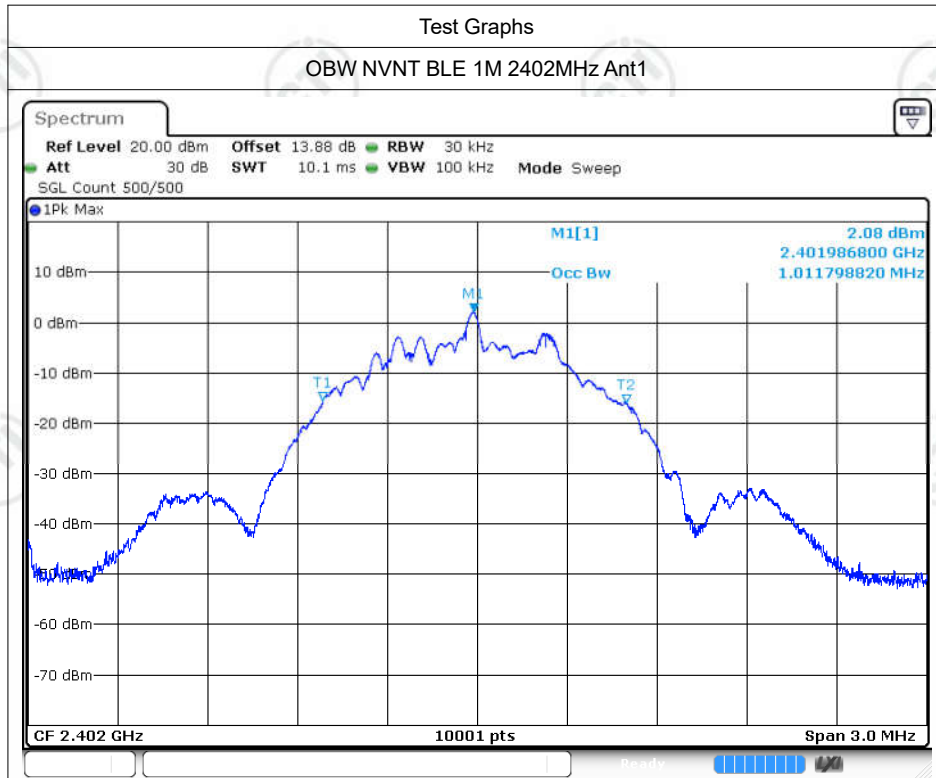
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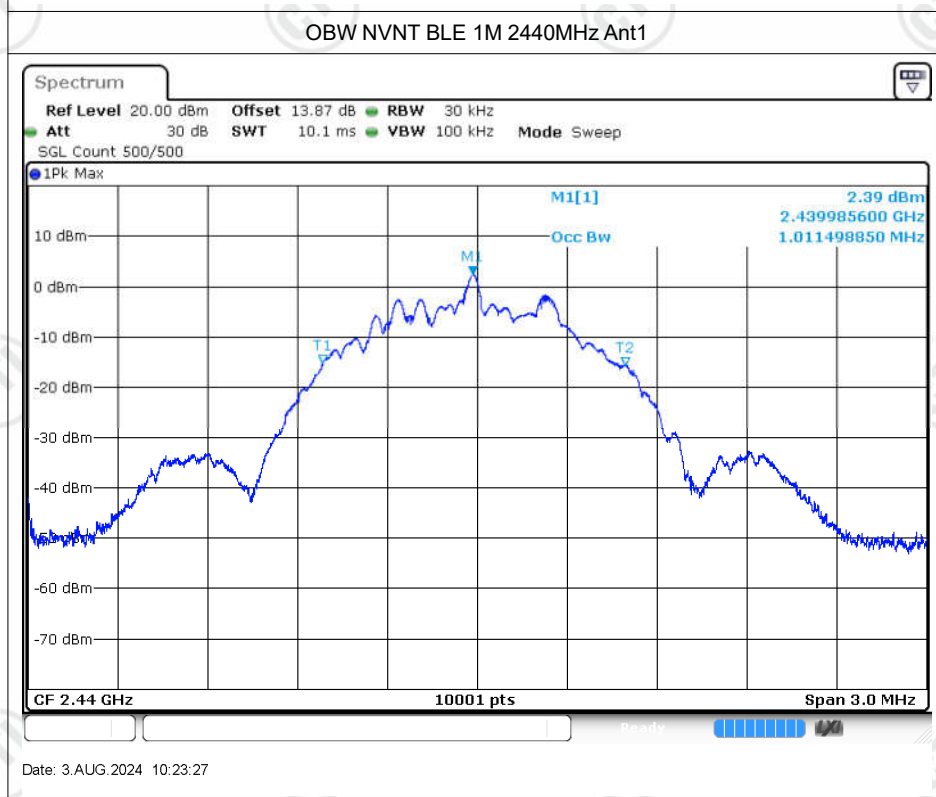
Date: 3.AUG.2024 10:33:09

## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.012
NVNT	BLE 1M	2440	Ant1	1.011
NVNT	BLE 1M	2480	Ant1	1.014
NVNT	BLE 2M	2402	Ant1	2.026
NVNT	BLE 2M	2440	Ant1	2.026
NVNT	BLE 2M	2480	Ant1	2.031

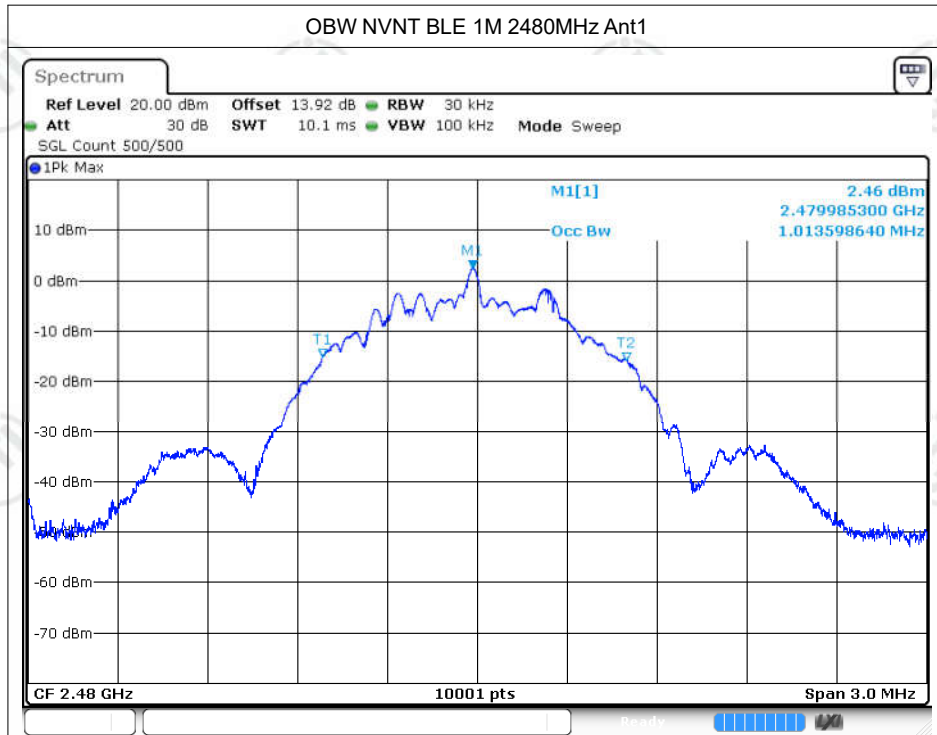


Date: 3.AUG.2024 10:14:11

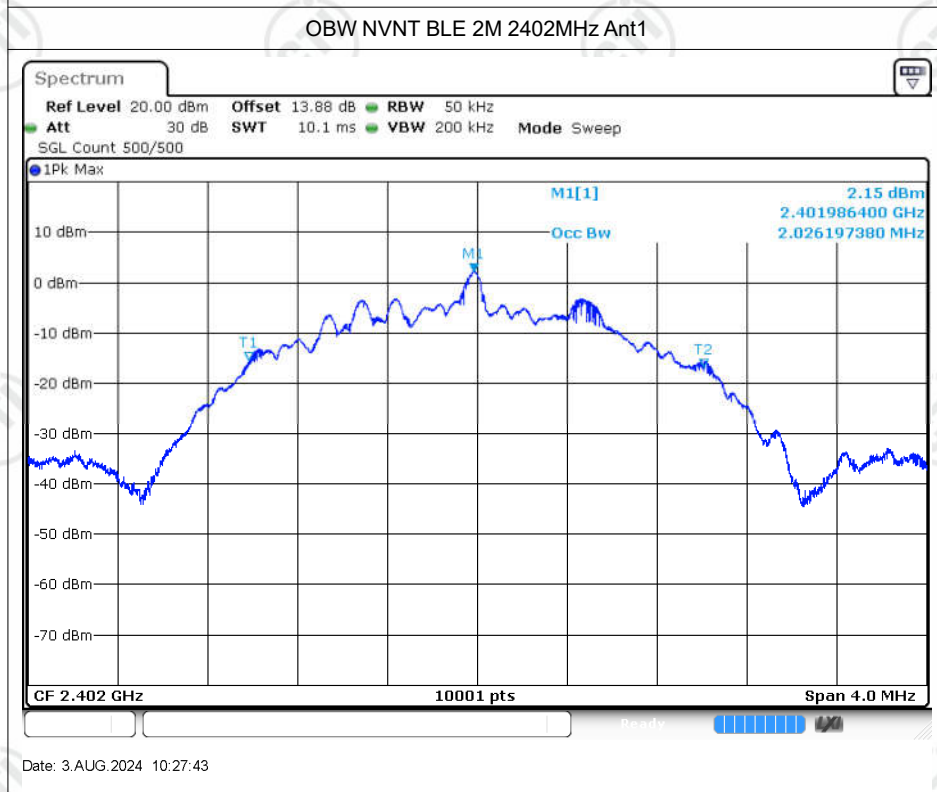


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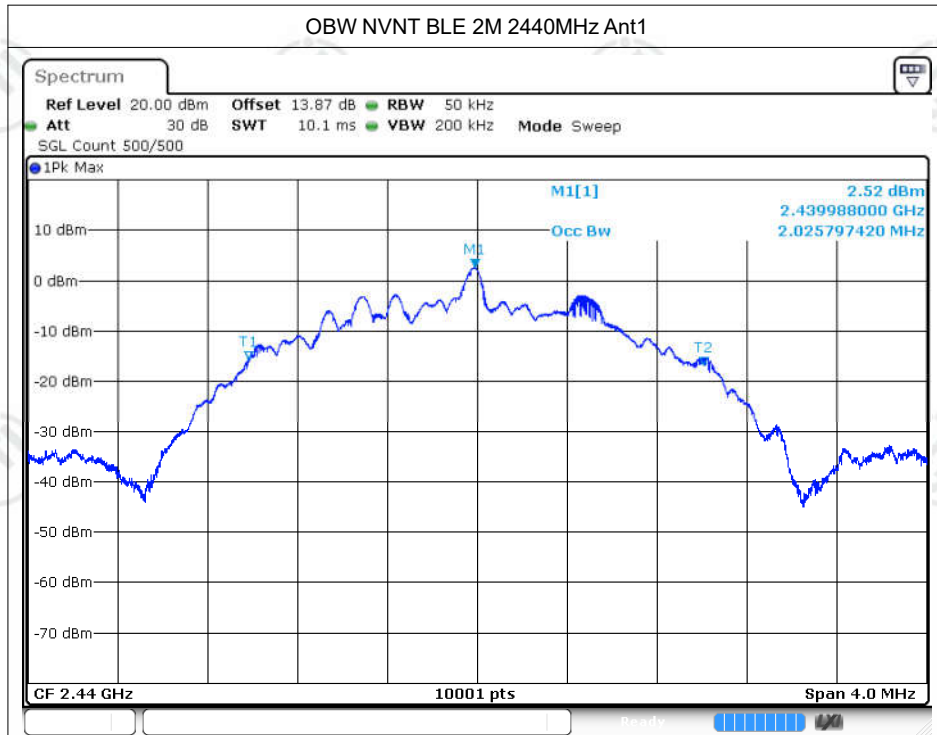




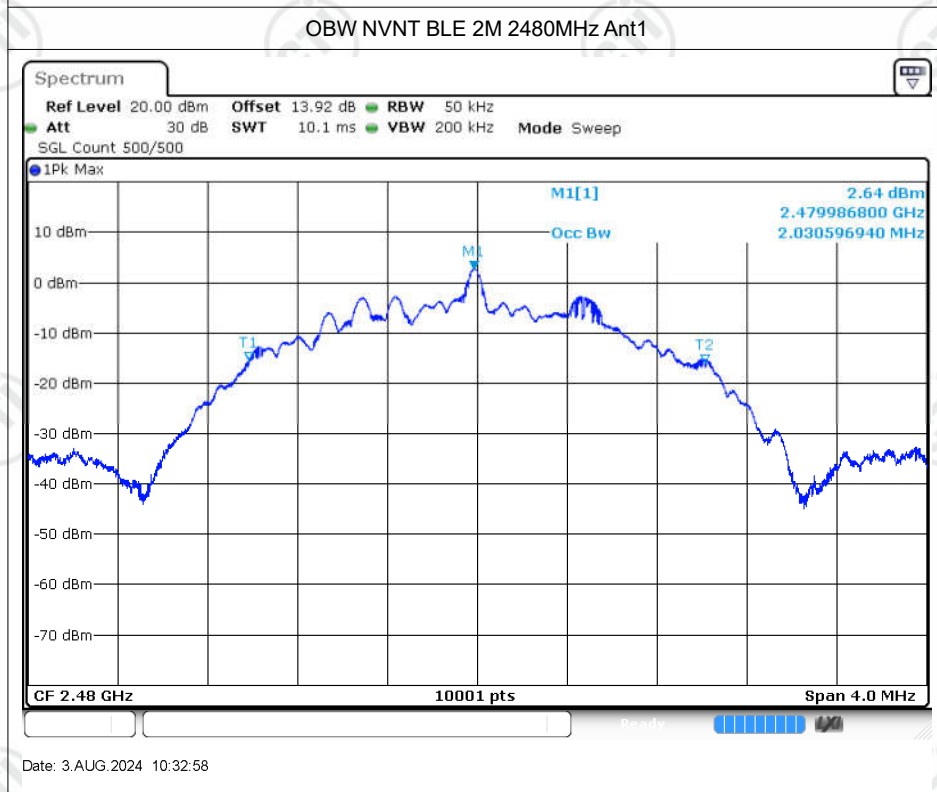
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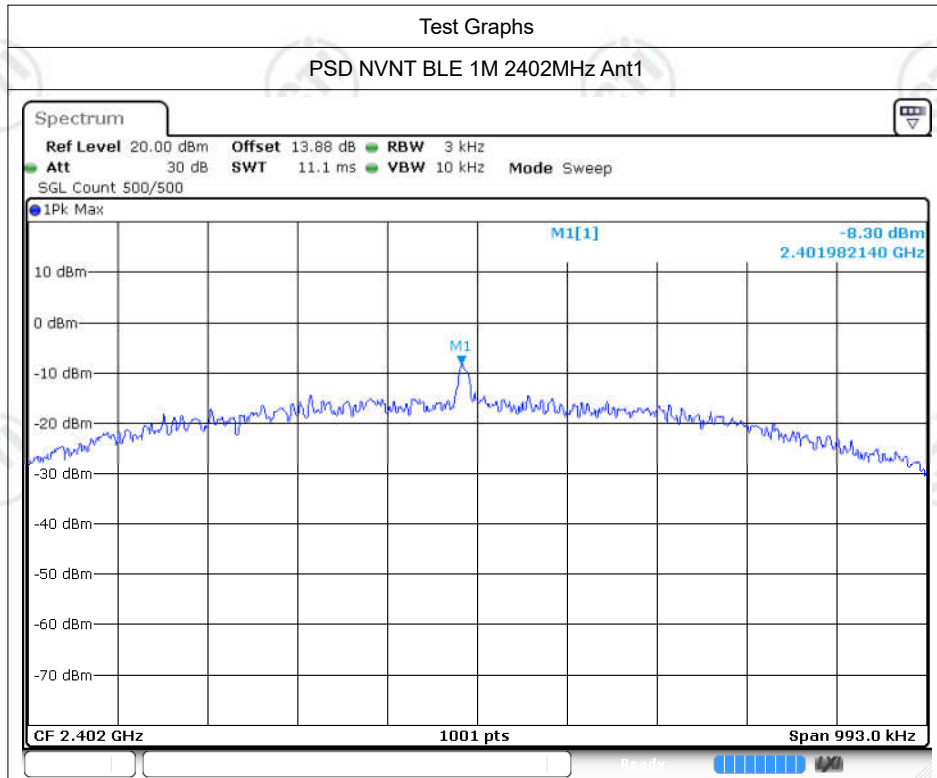
Date: 3.AUG.2024 10:29:36



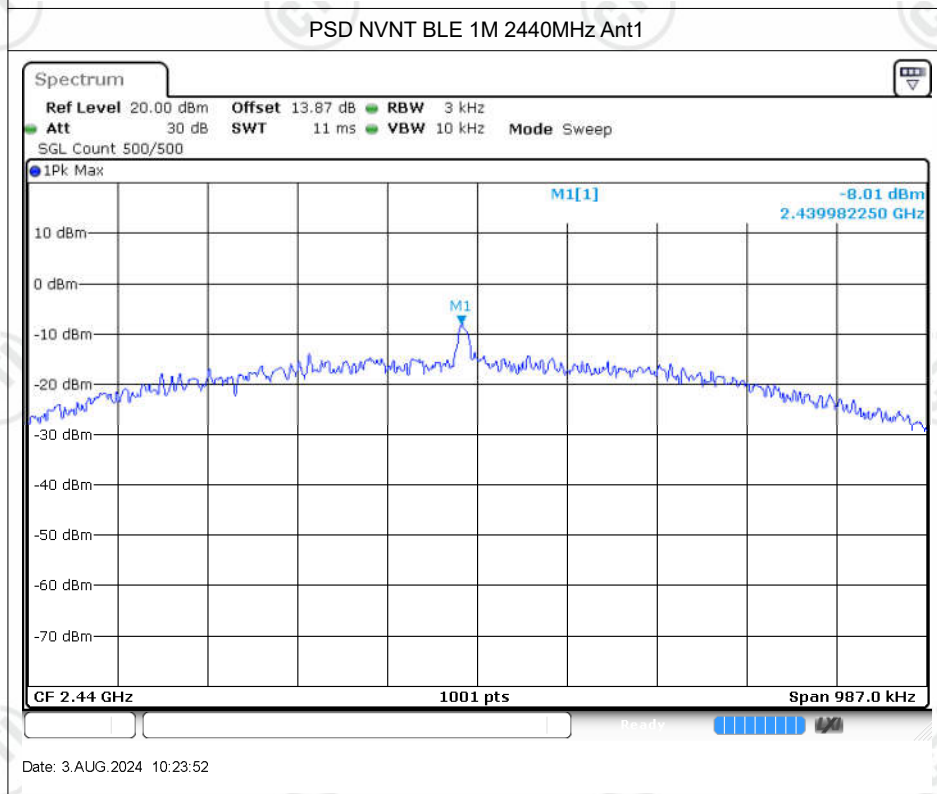
Date: 3.AUG.2024 10:32:58

**Maximum Power Spectral Density Level**

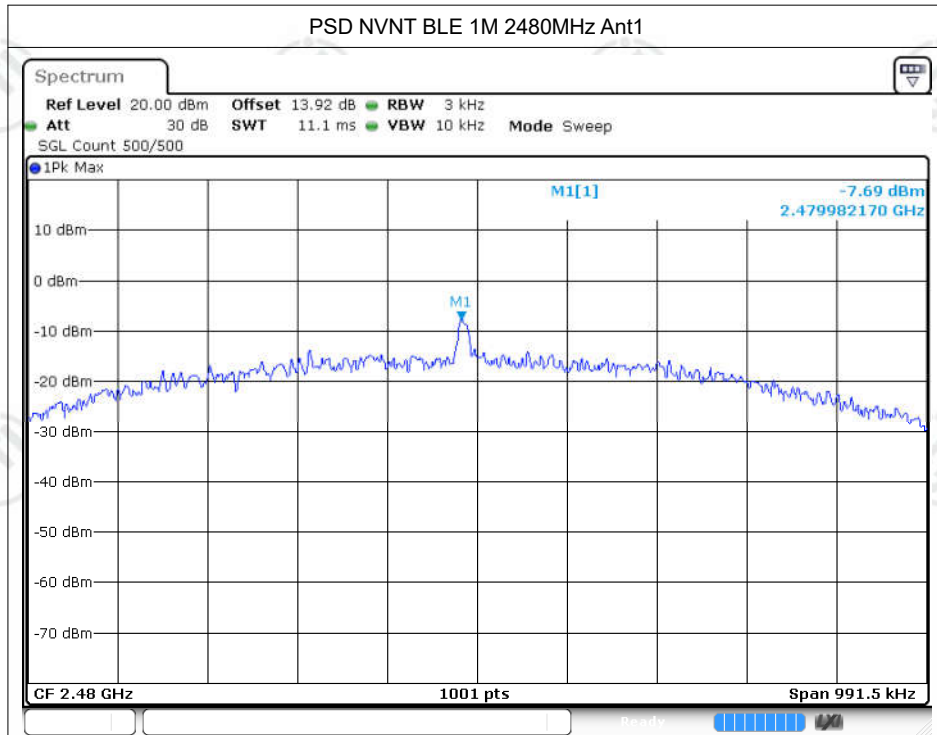
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-8.3	8	Pass
NVNT	BLE 1M	2440	Ant1	-8.01	8	Pass
NVNT	BLE 1M	2480	Ant1	-7.69	8	Pass
NVNT	BLE 2M	2402	Ant1	-9.04	8	Pass
NVNT	BLE 2M	2440	Ant1	-8.67	8	Pass
NVNT	BLE 2M	2480	Ant1	-8.37	8	Pass



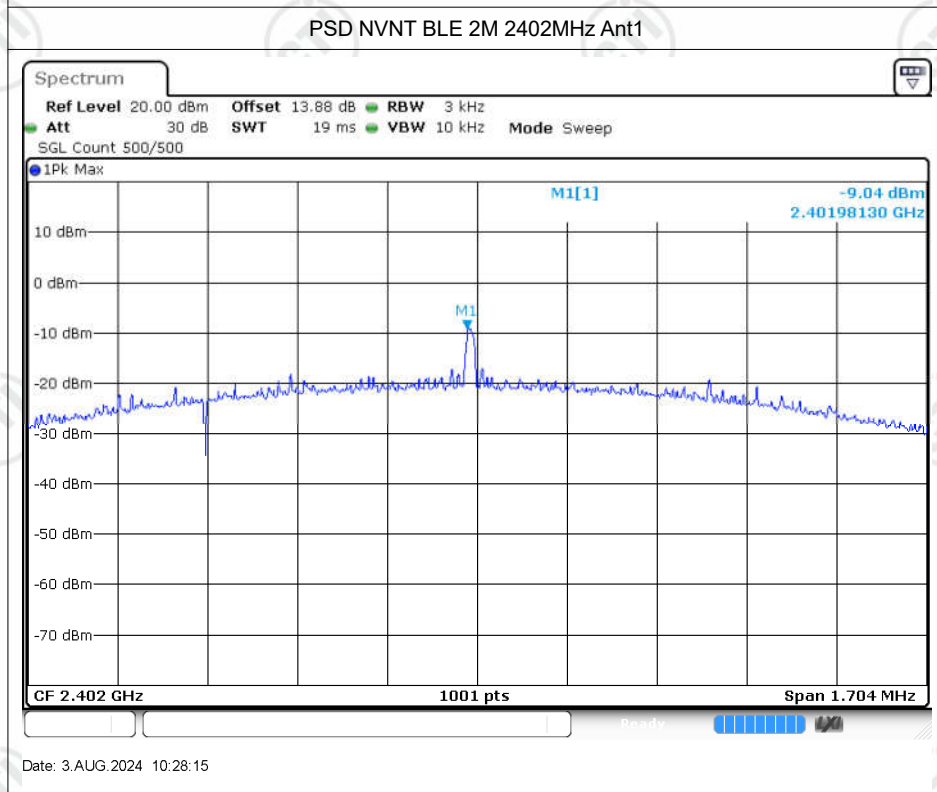
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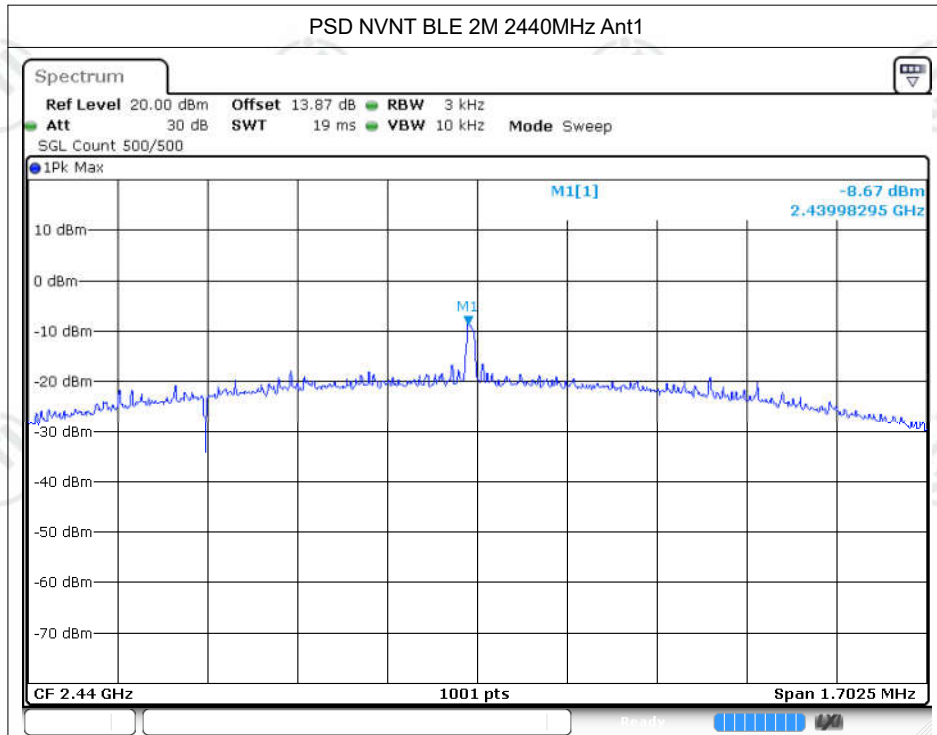
Date: 3.AUG.2024 10:23:52



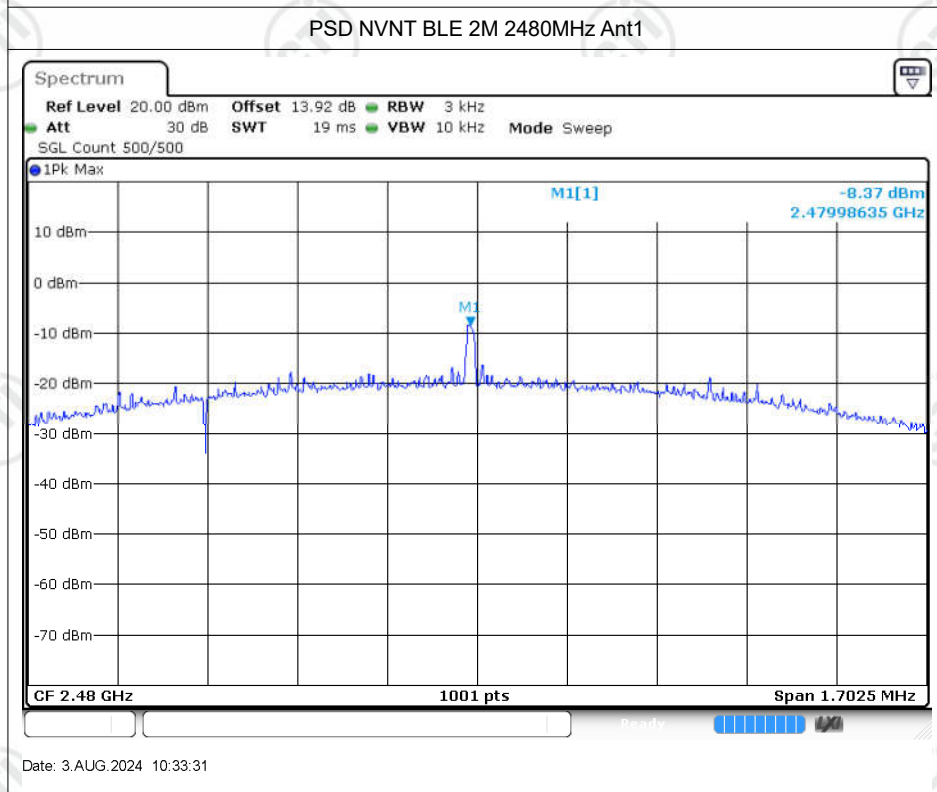
Date: 3.AUG.2024 10:26:08



Date: 3.AUG.2024 10:28:15



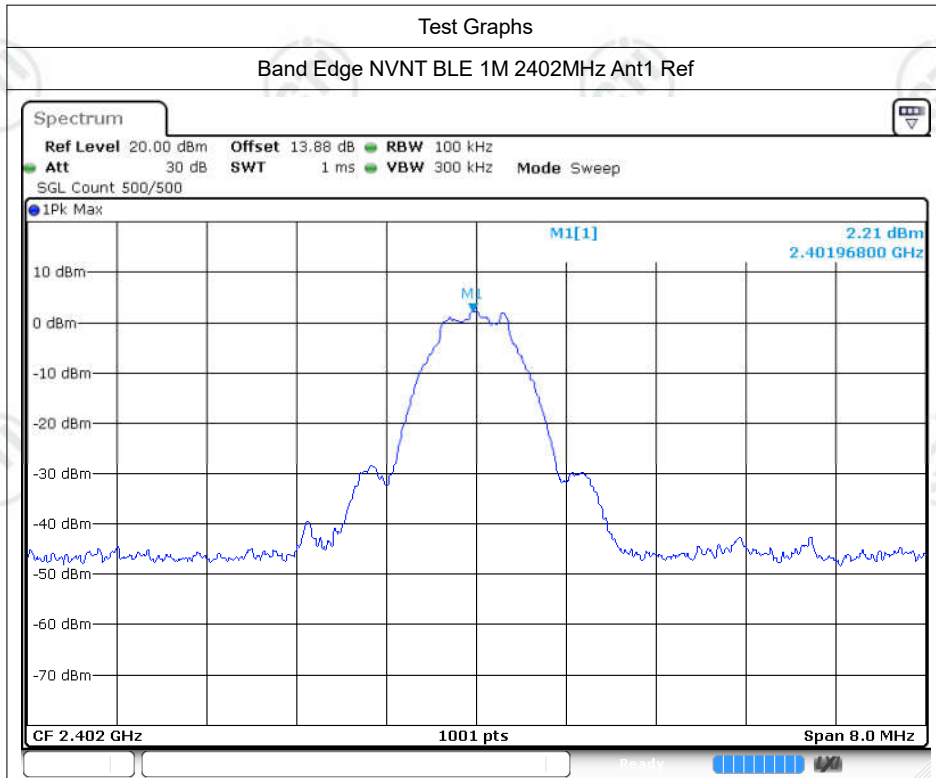
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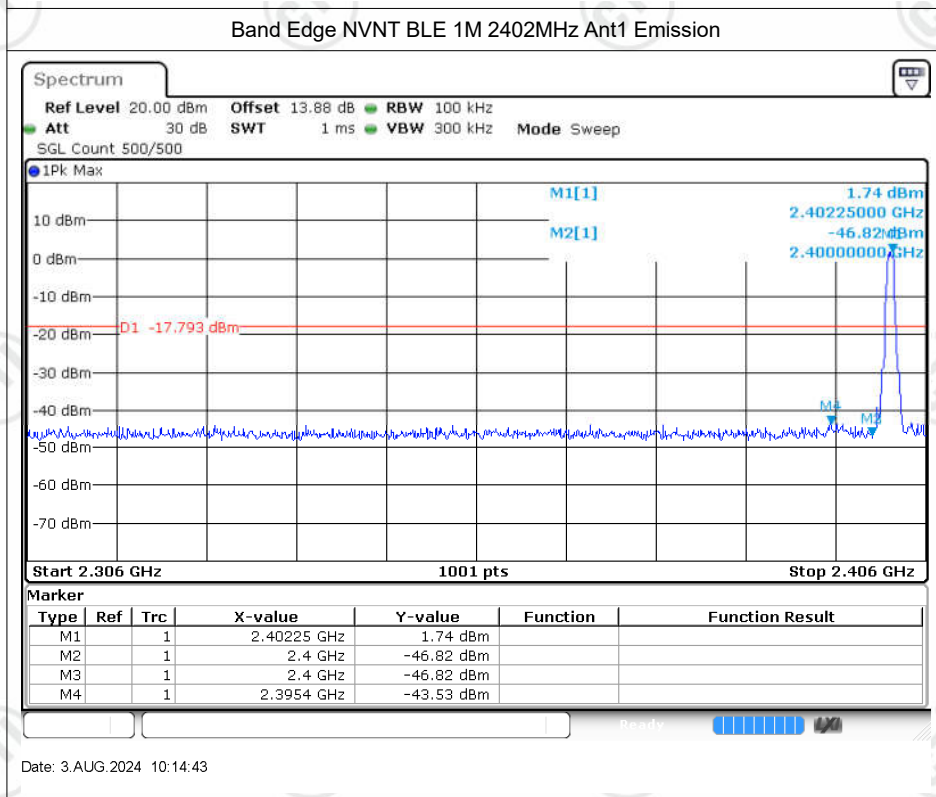
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## Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.74	-20	Pass
NVNT	BLE 1M	2480	Ant1	-46.29	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.91	-20	Pass
NVNT	BLE 2M	2480	Ant1	-47	-20	Pass

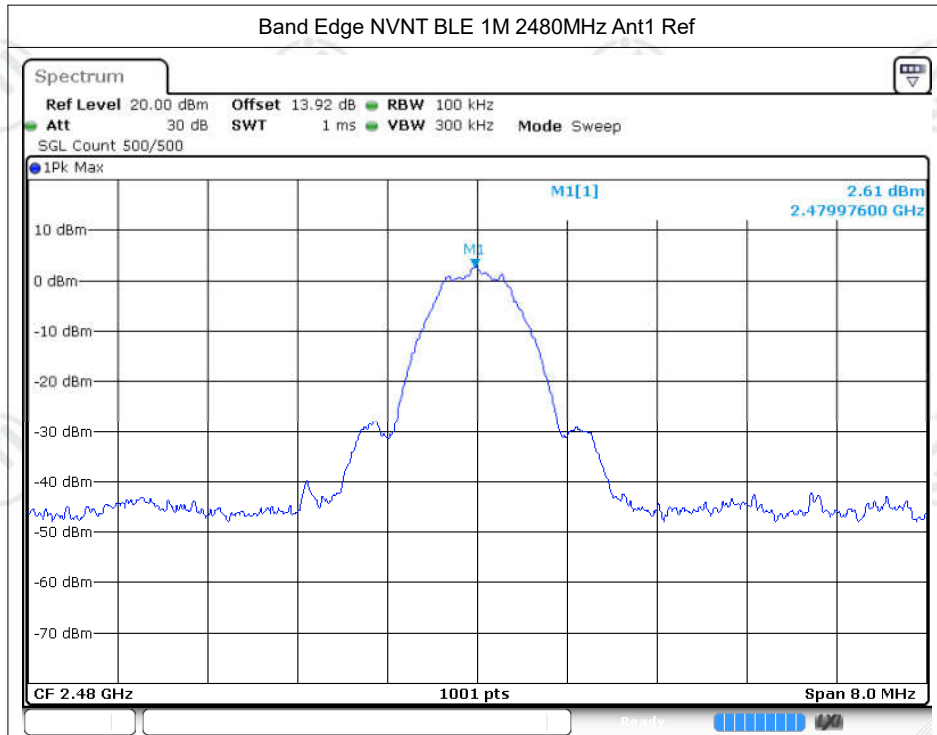


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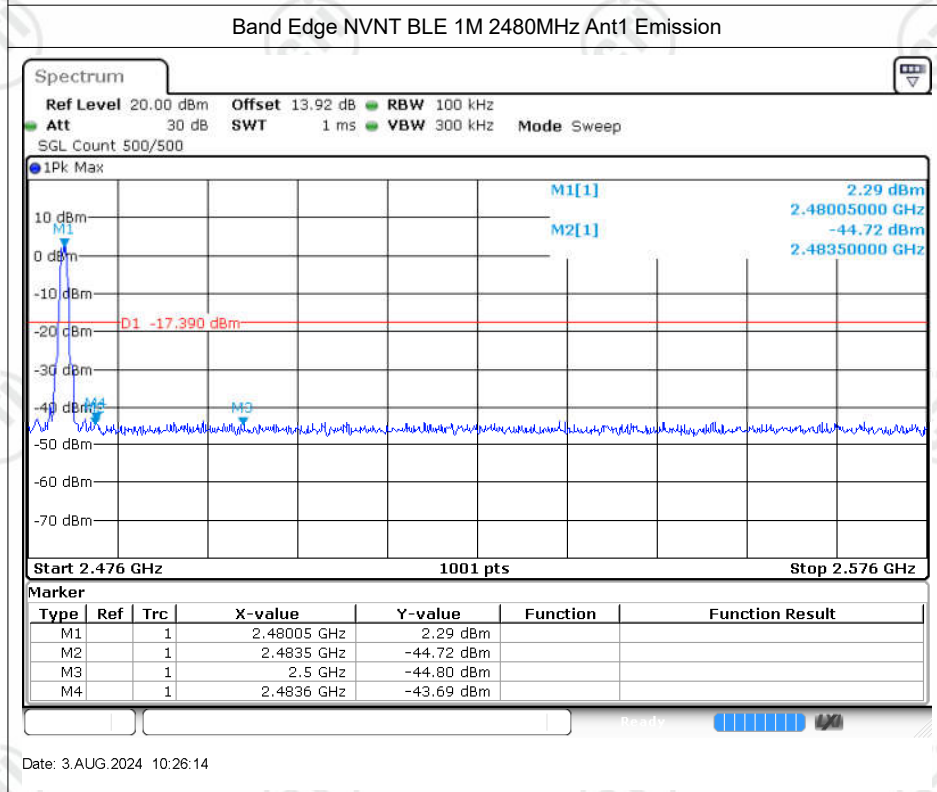


Date: 3.AUG.2024 10:14:43

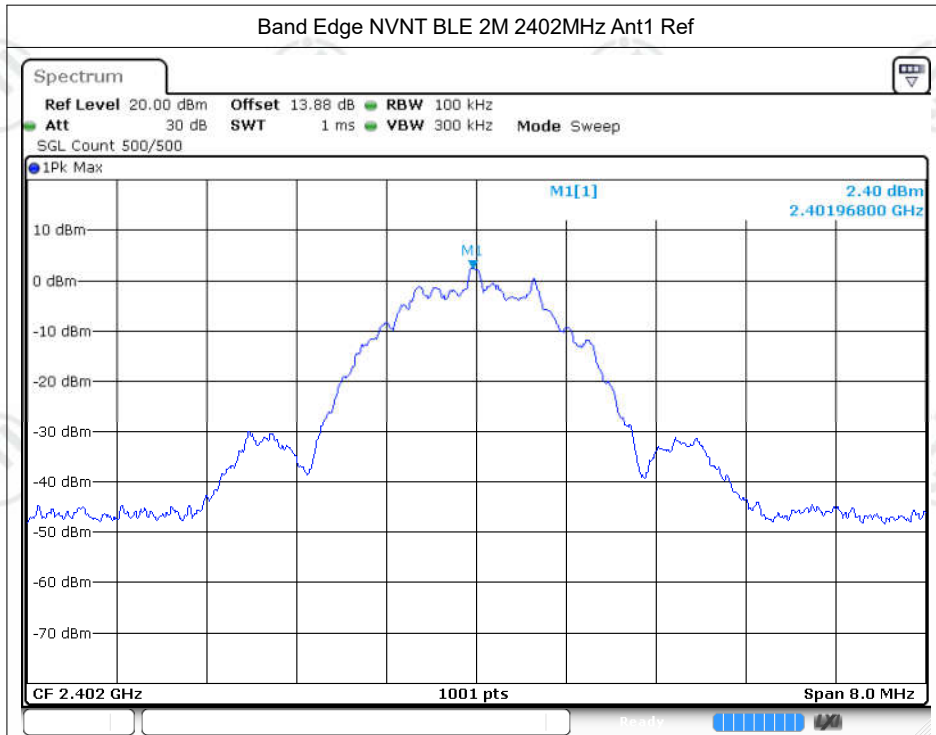




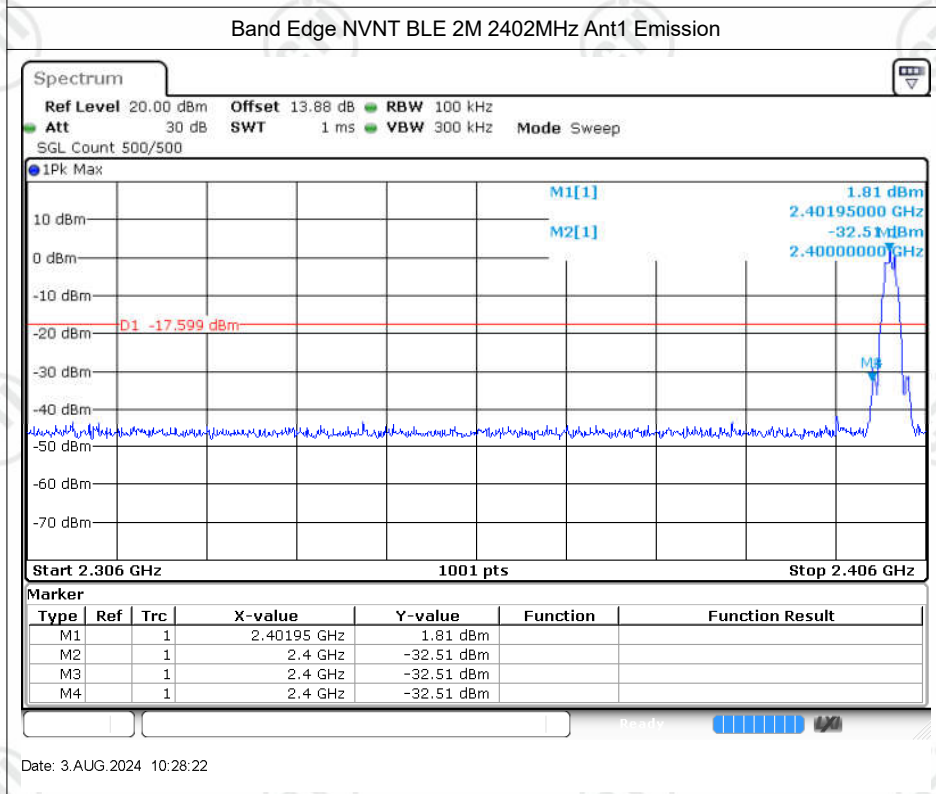
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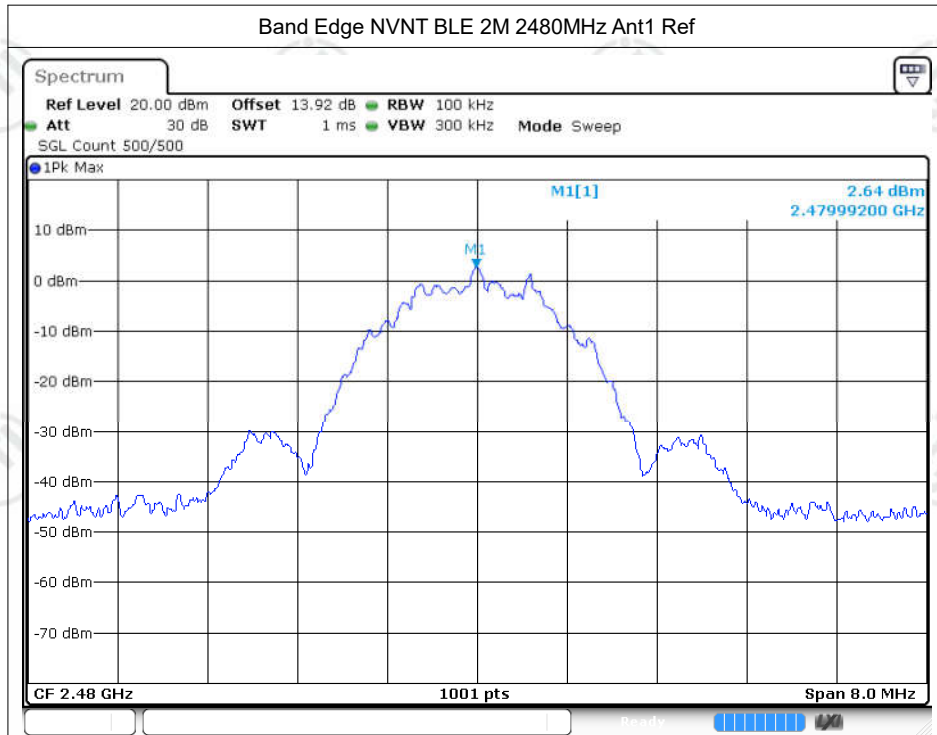
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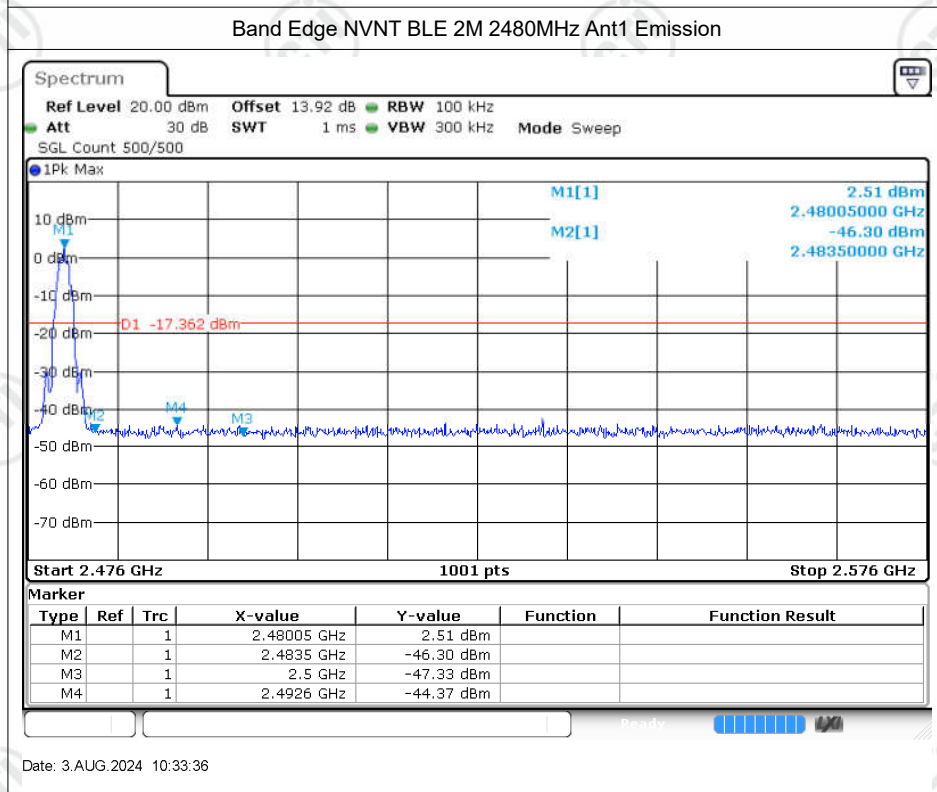
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Date: 3.AUG.2024 10:28:22



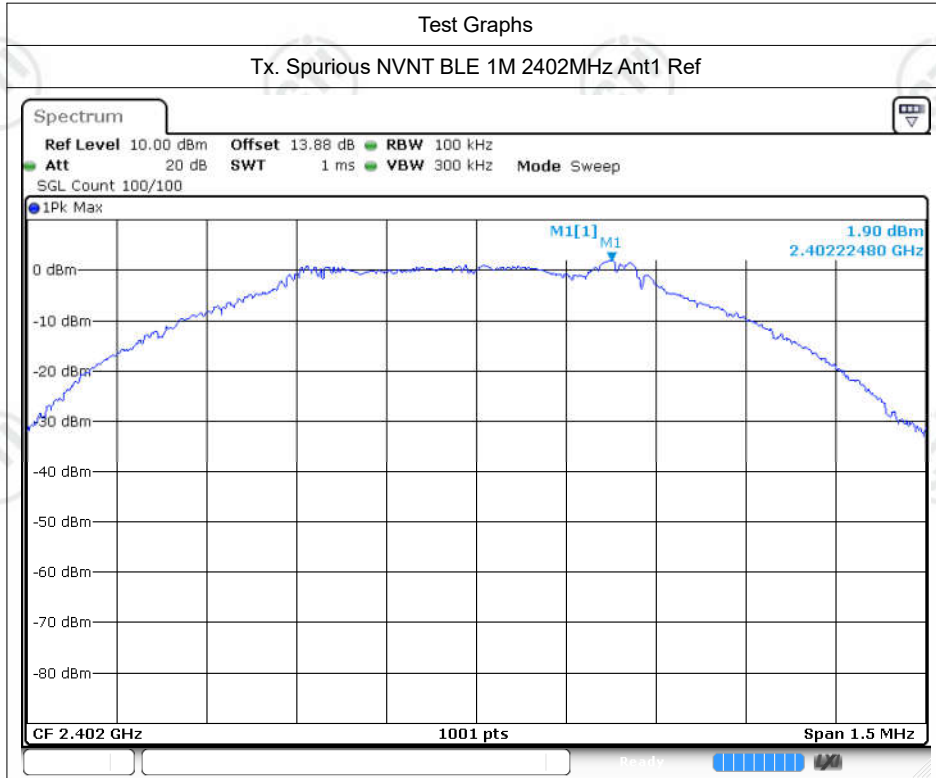
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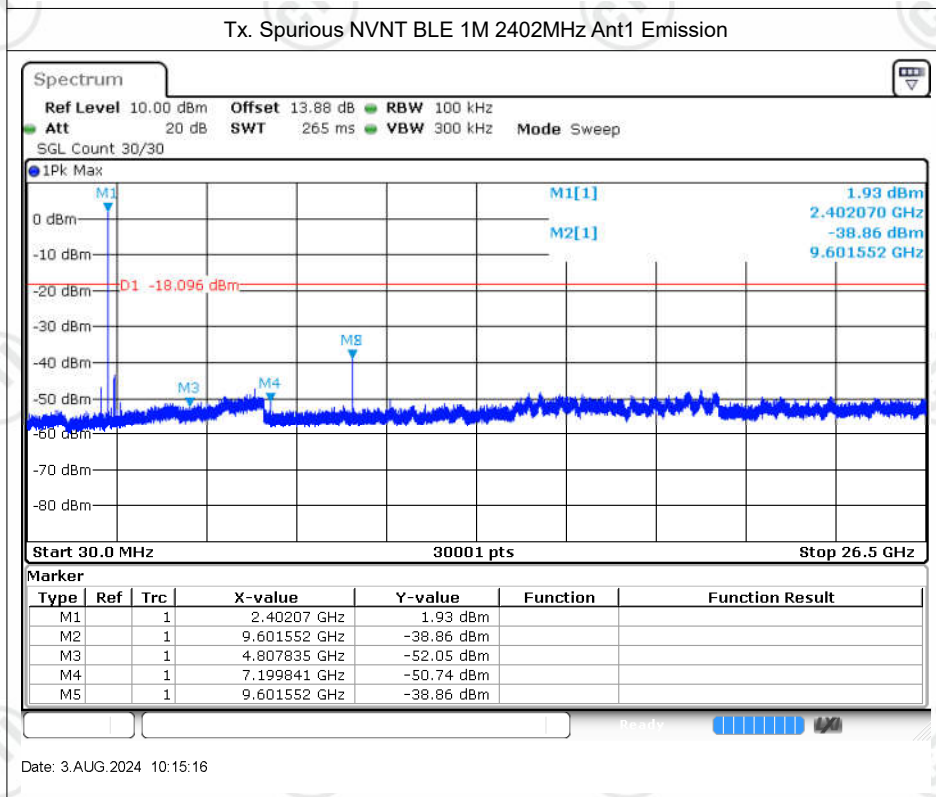
Date: 3.AUG.2024 10:33:36

**Conducted RF Spurious Emission**

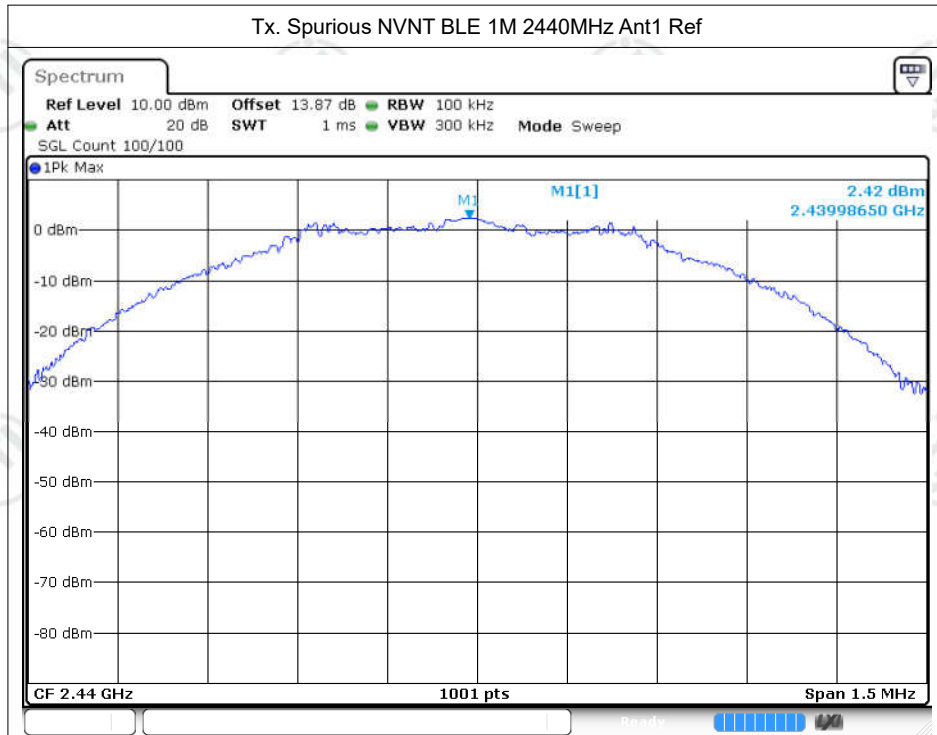
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-40.76	-20	Pass
NVNT	BLE 1M	2440	Ant1	-40.4	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.6	-20	Pass
NVNT	BLE 2M	2402	Ant1	-39.87	-20	Pass
NVNT	BLE 2M	2440	Ant1	-44.52	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.38	-20	Pass



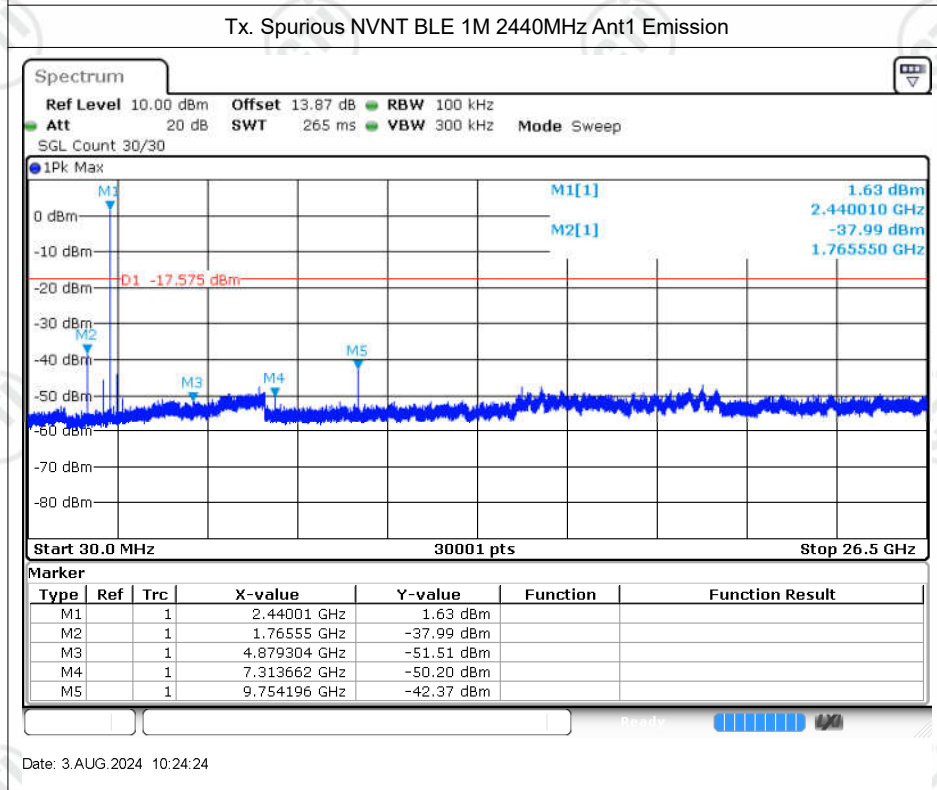
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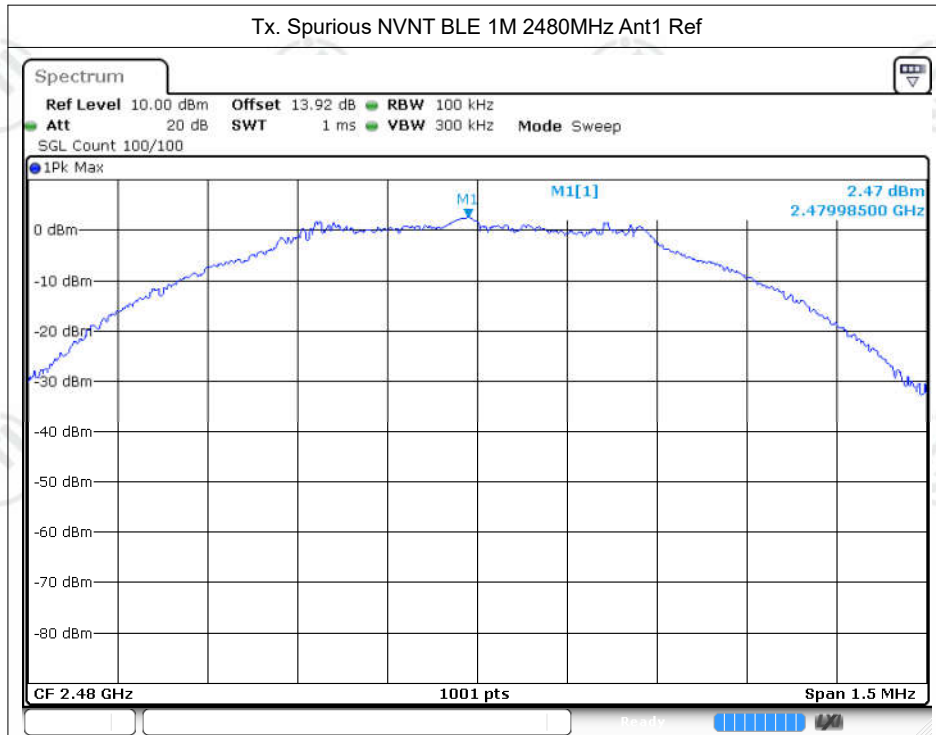
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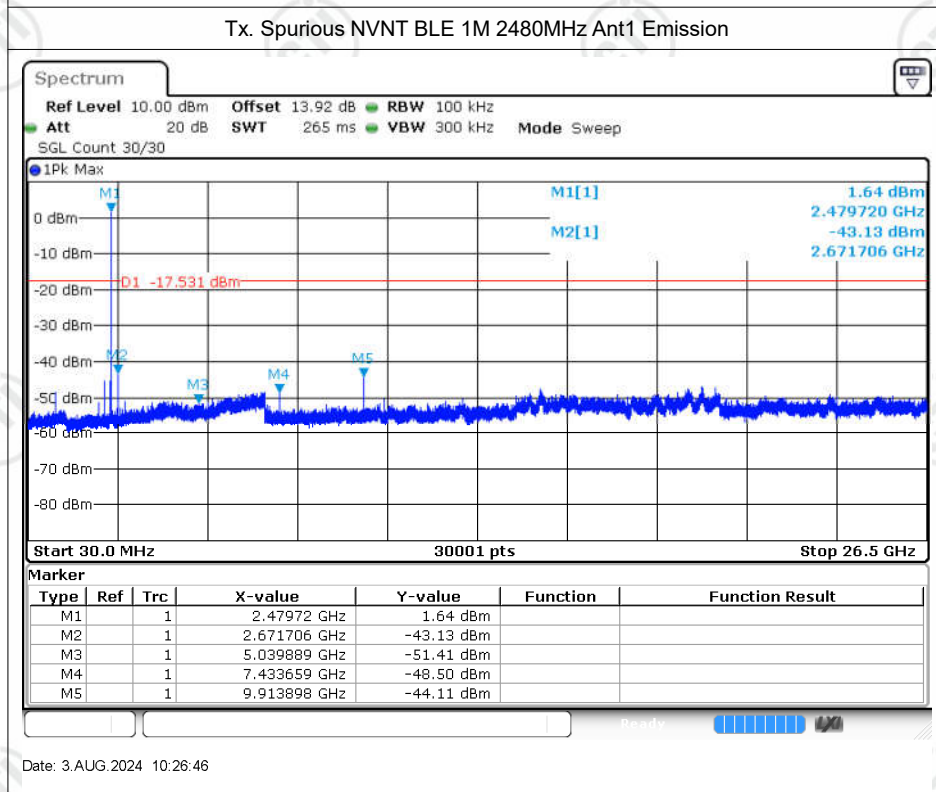
Date: 3.AUG.2024 10:23:54



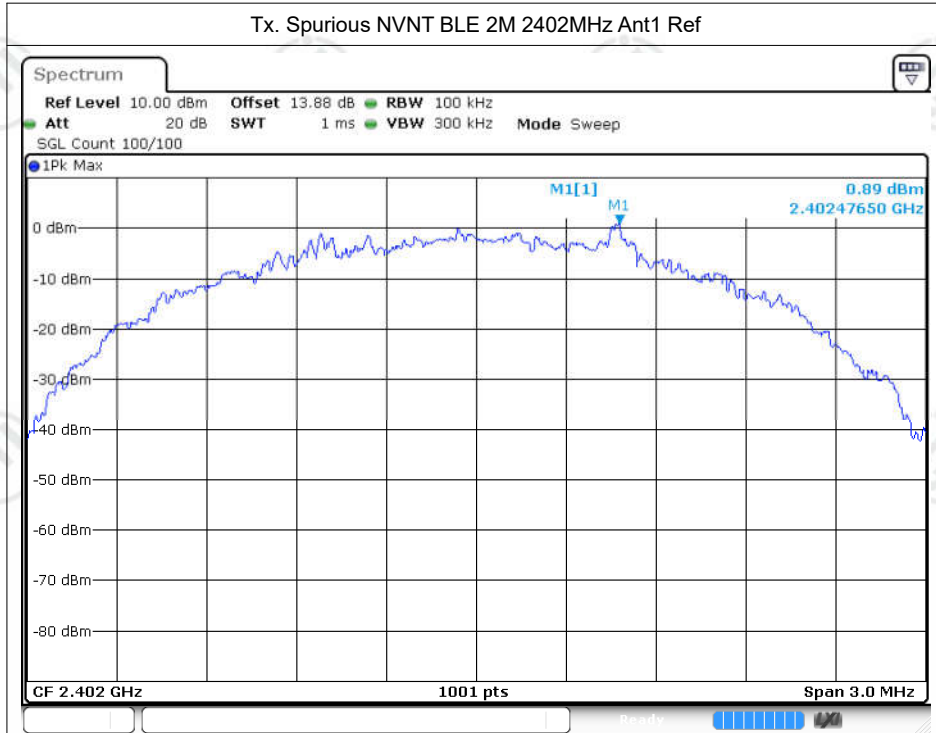
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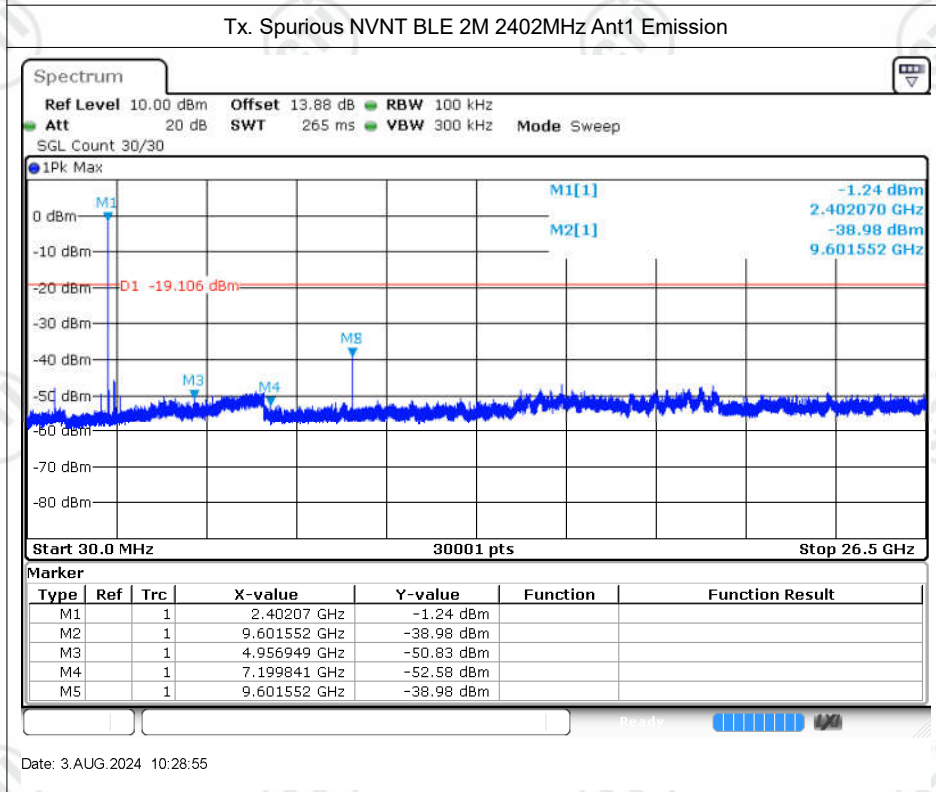
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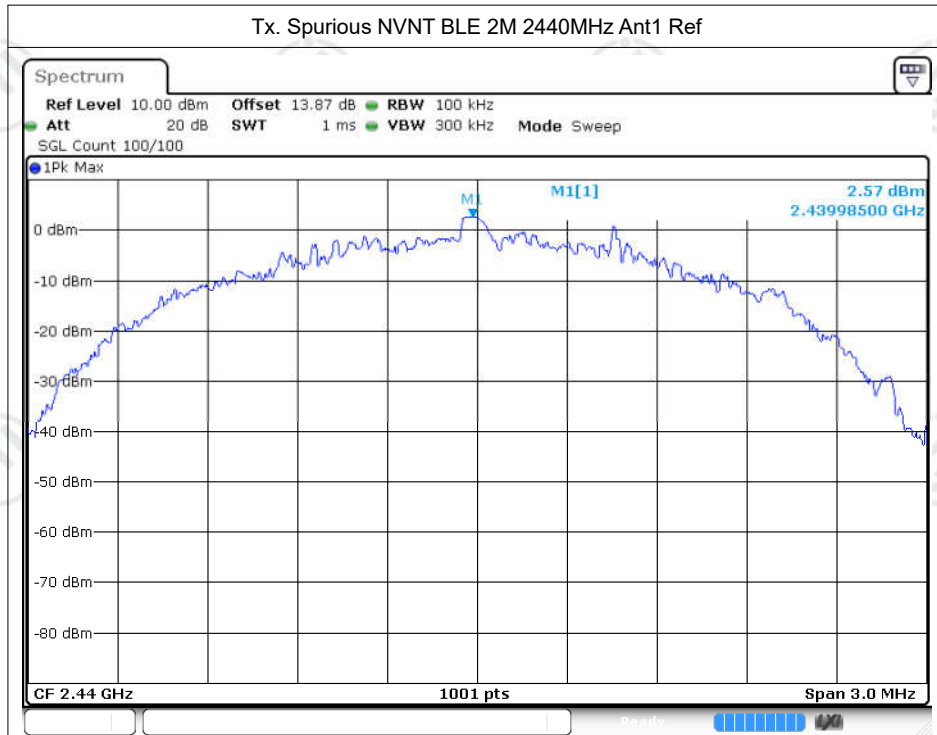


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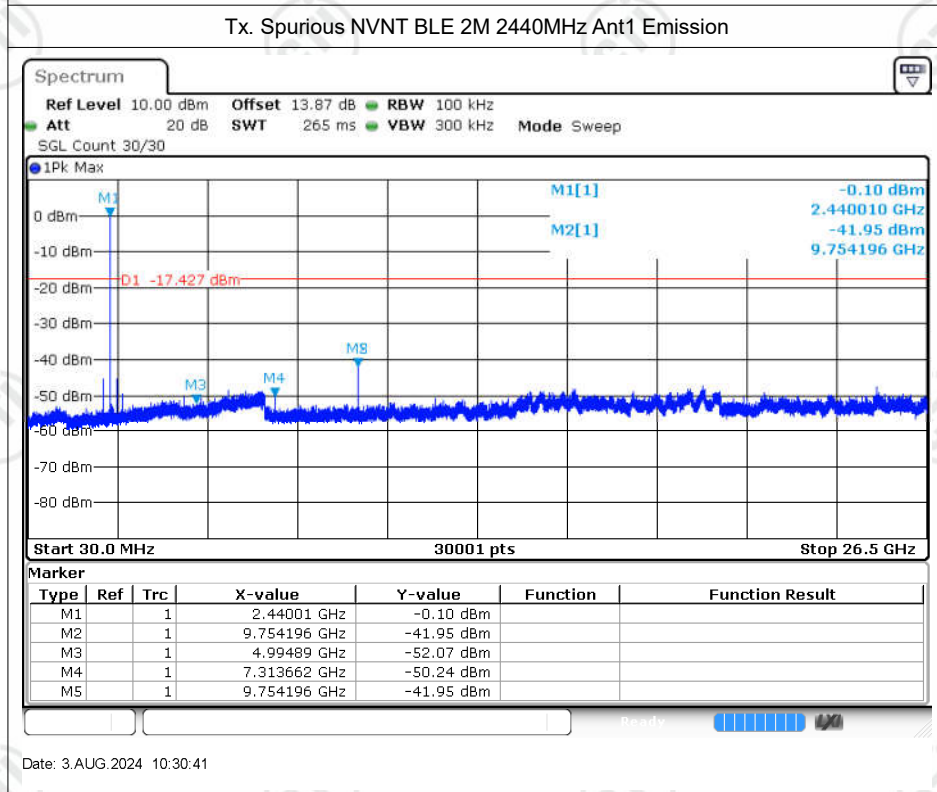


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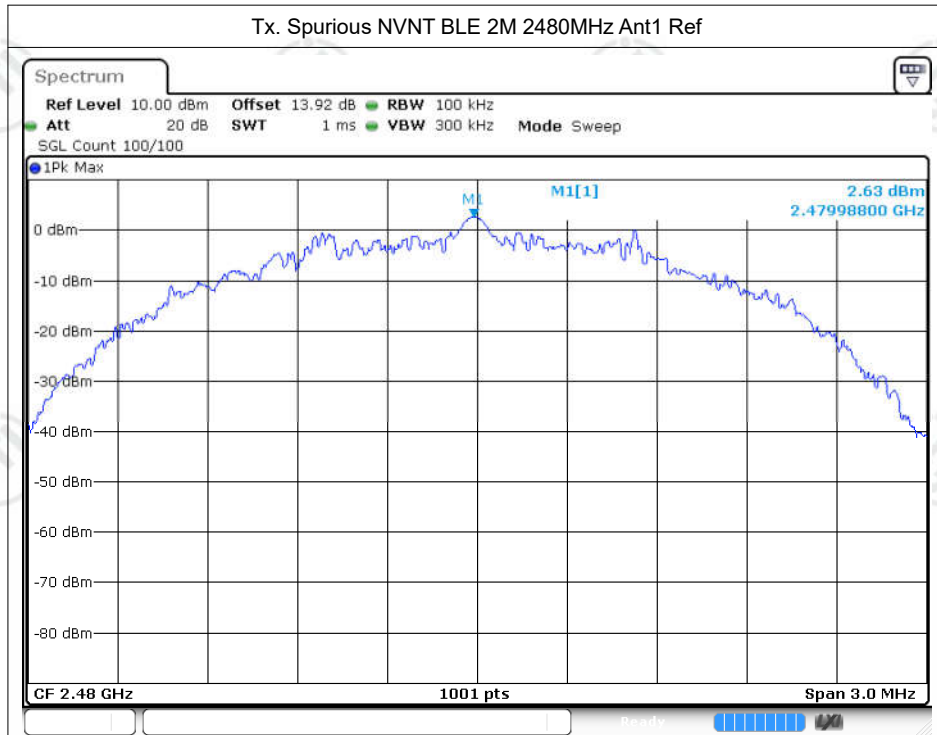




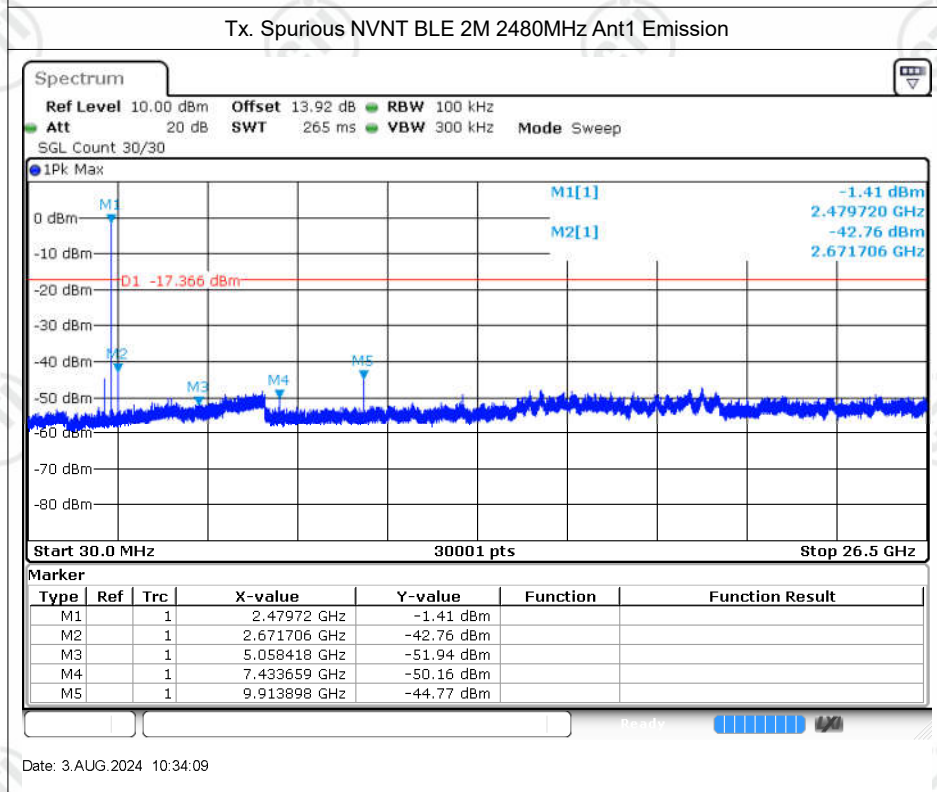
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Date: 3.AUG.2024 10:30:41



Date: 3.AUG.2024 10:33:40



Date: 3.AUG.2024 10:34:09

\*\*\* End of Report \*\*\*