

Appendix:Bluetooth LE

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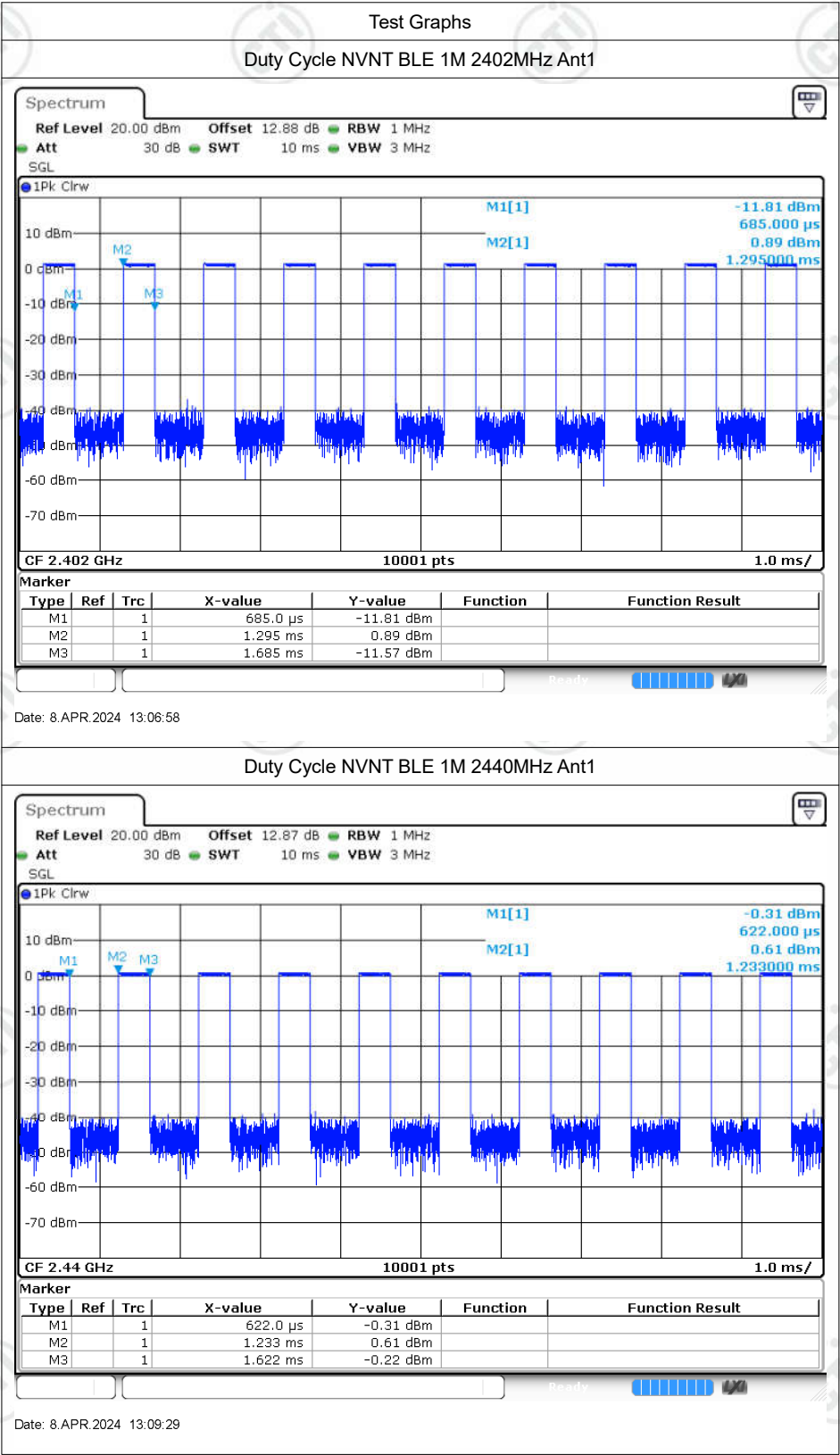
Maximum Power Spectral Density Level 20

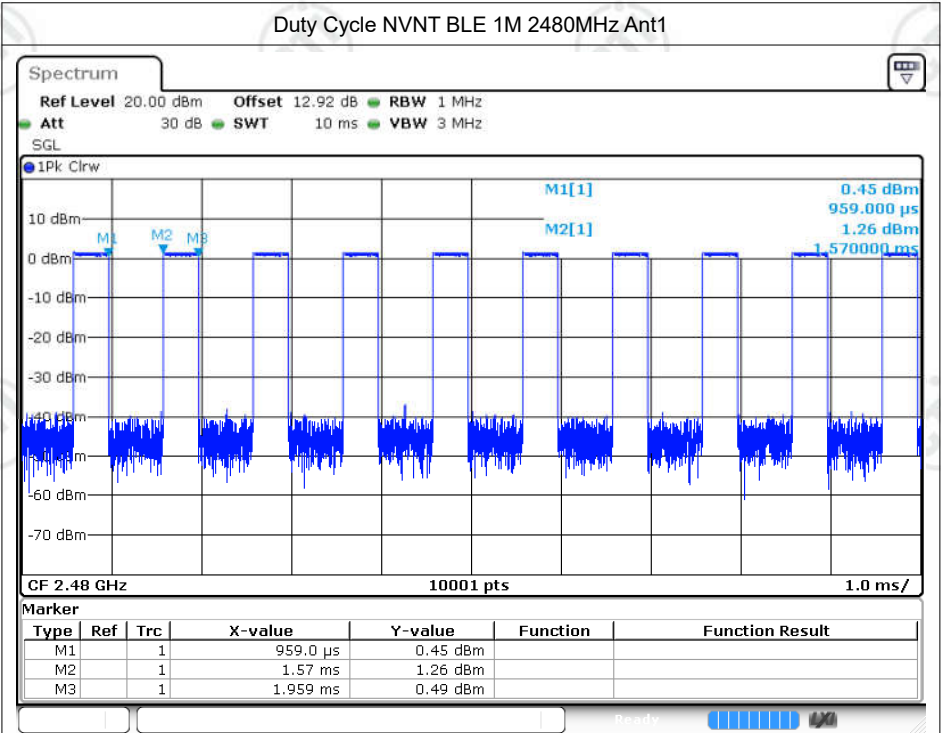
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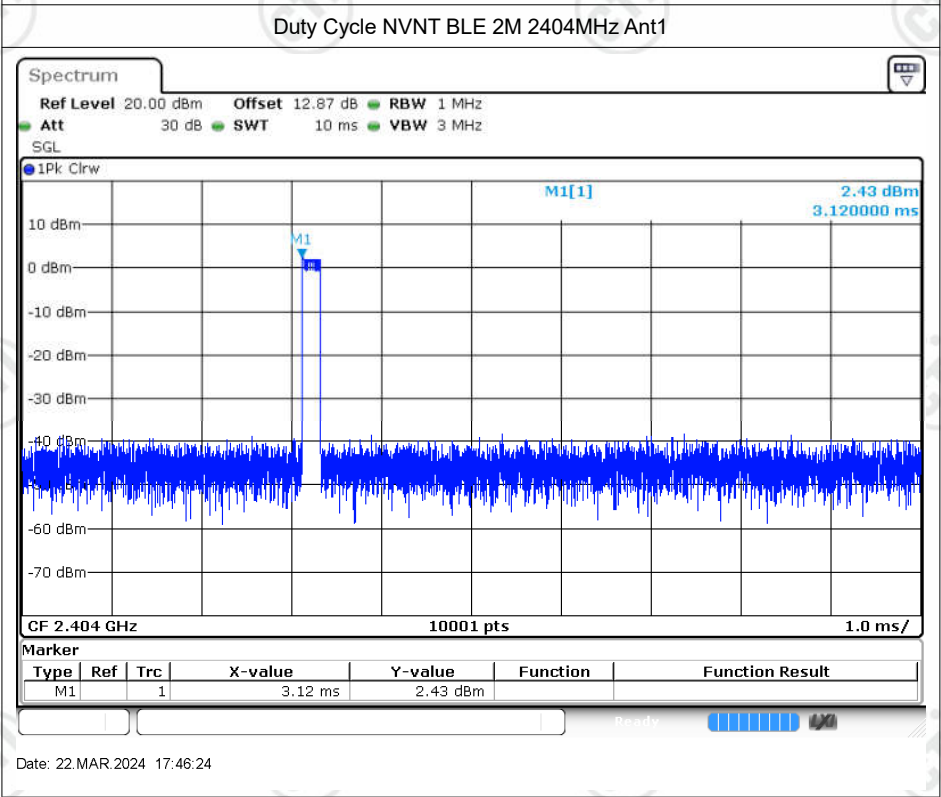
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	39	4.09	2.56
NVNT	BLE 1M	2440	Ant1	38.9	4.1	2.57
NVNT	BLE 1M	2480	Ant1	38.9	4.1	2.57
NVNT	BLE 2M	2404	Ant1	20.4	6.9	4.9
NVNT	BLE 2M	2440	Ant1	20.4	6.9	4.9
NVNT	BLE 2M	2478	Ant1	20.5	6.88	4.88

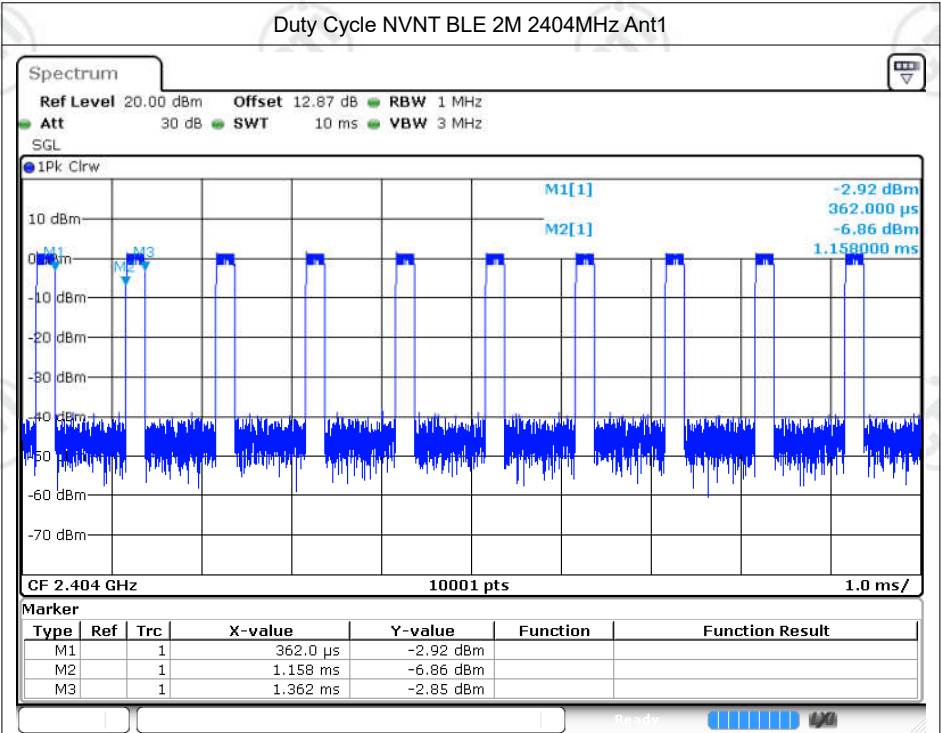




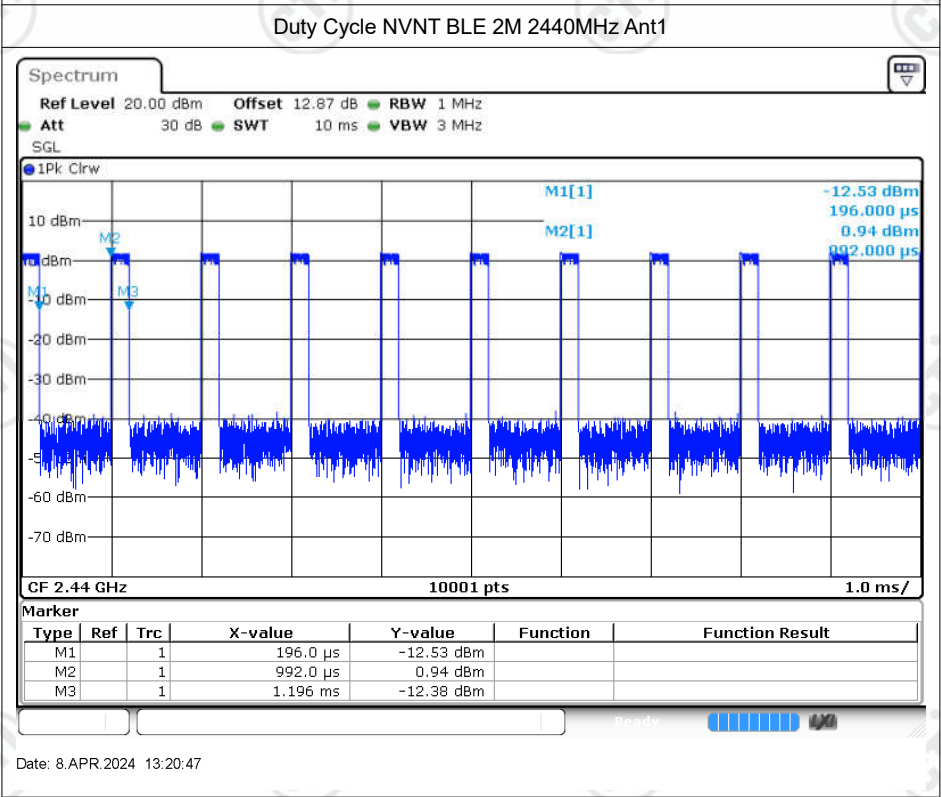
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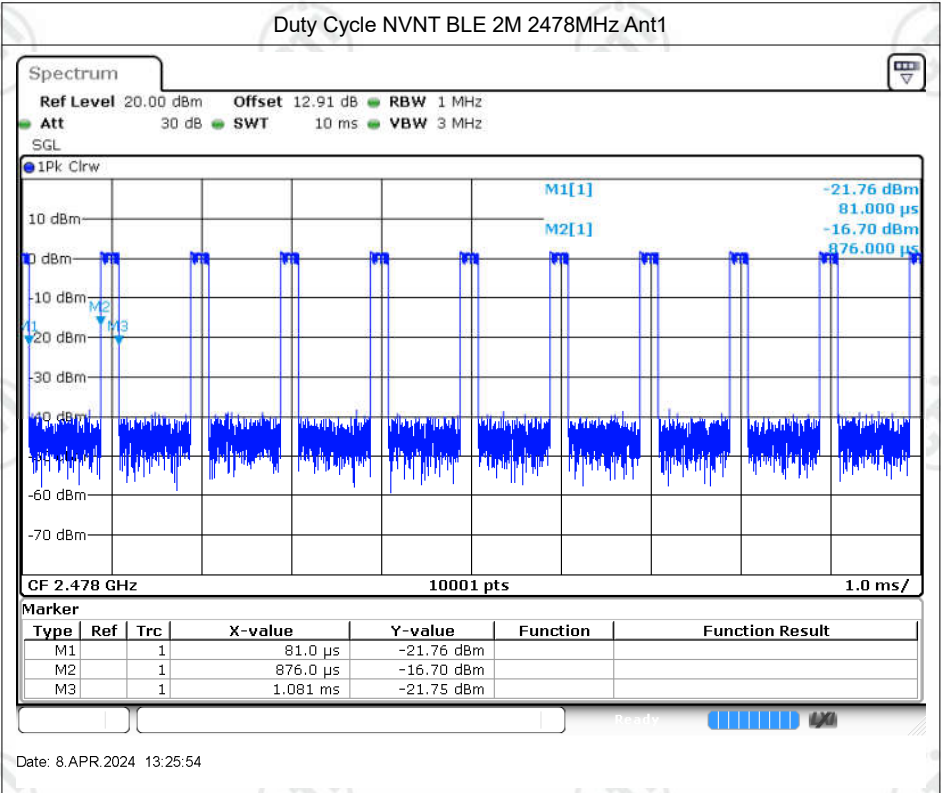
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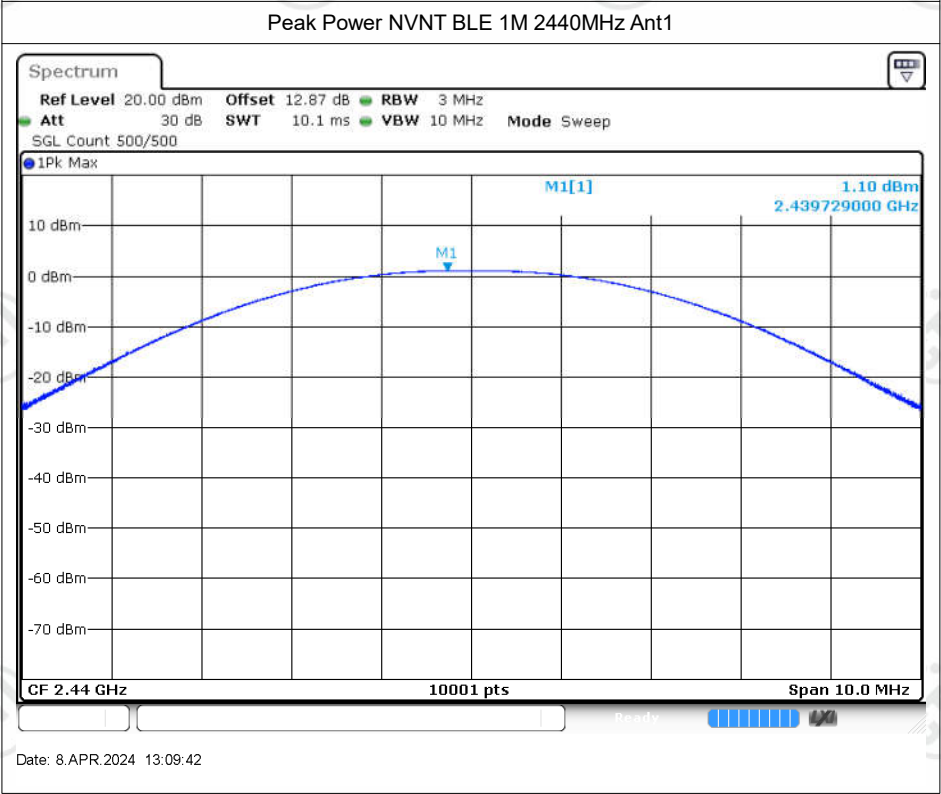
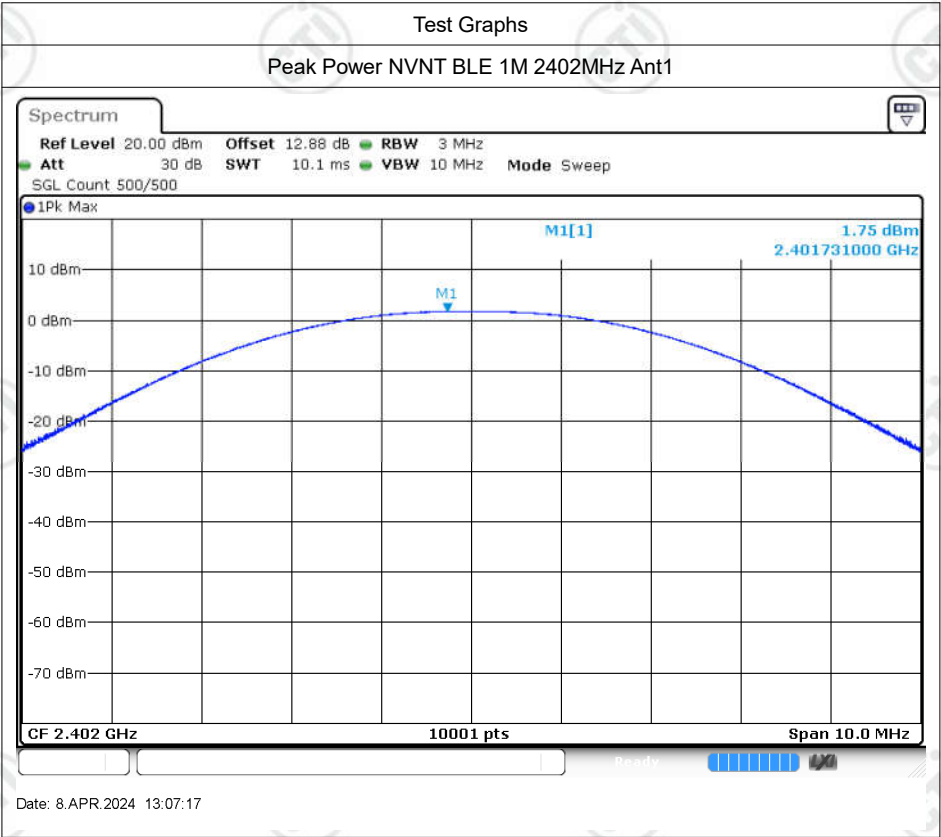


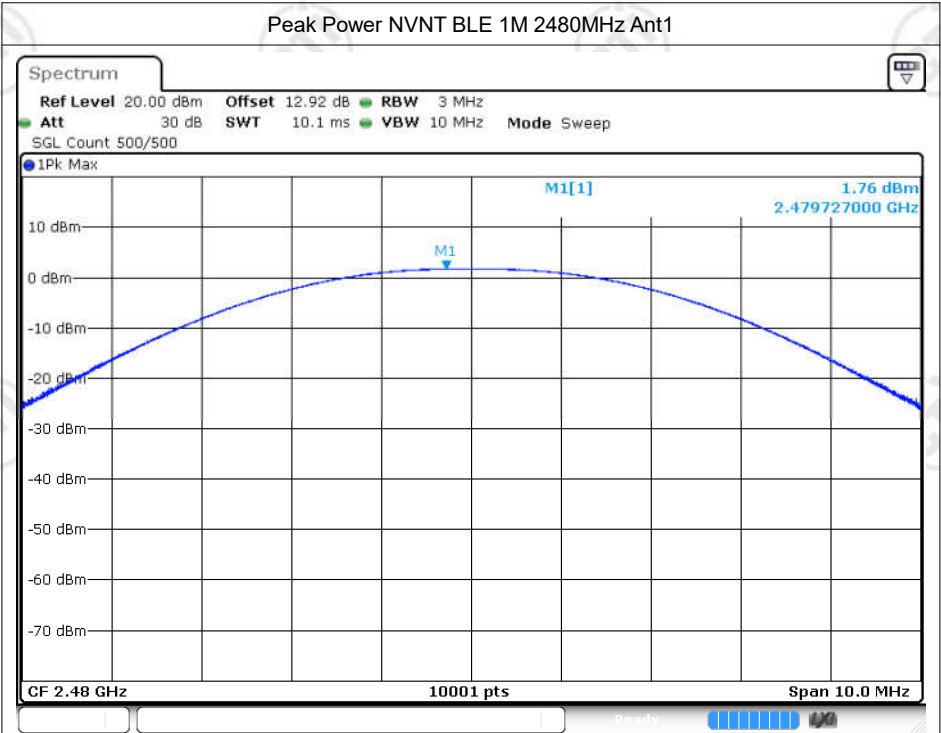
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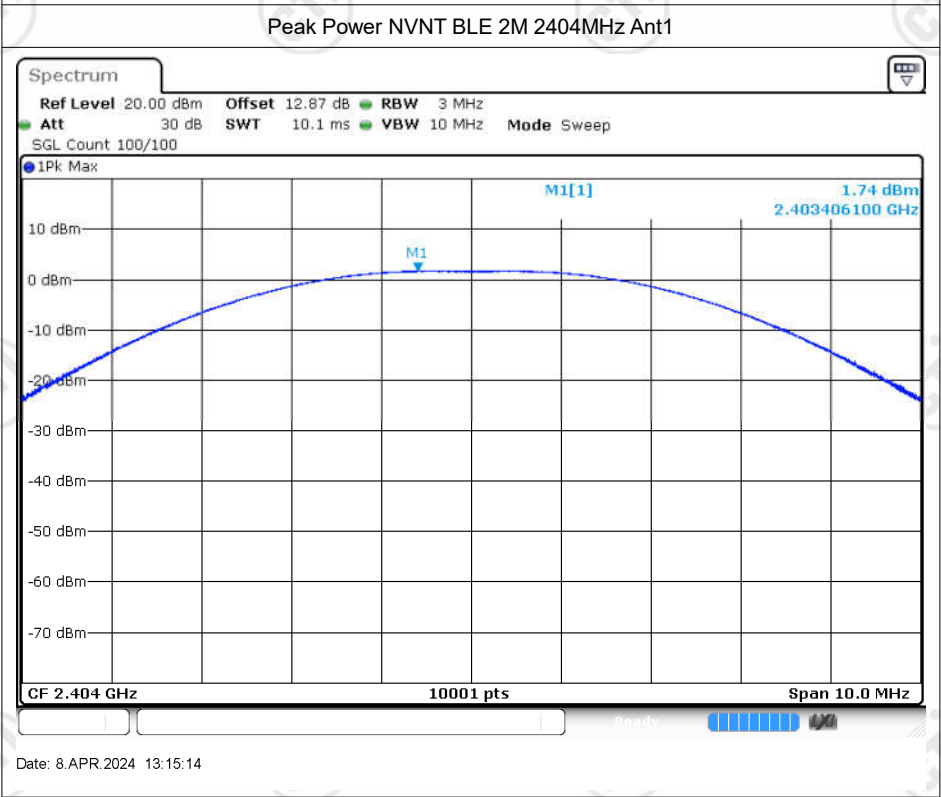
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.75	30	Pass
NVNT	BLE 1M	2440	Ant1	1.10	30	Pass
NVNT	BLE 1M	2480	Ant1	1.76	30	Pass
NVNT	BLE 2M	2404	Ant1	1.74	30	Pass
NVNT	BLE 2M	2440	Ant1	2.26	30	Pass
NVNT	BLE 2M	2478	Ant1	1.92	30	Pass

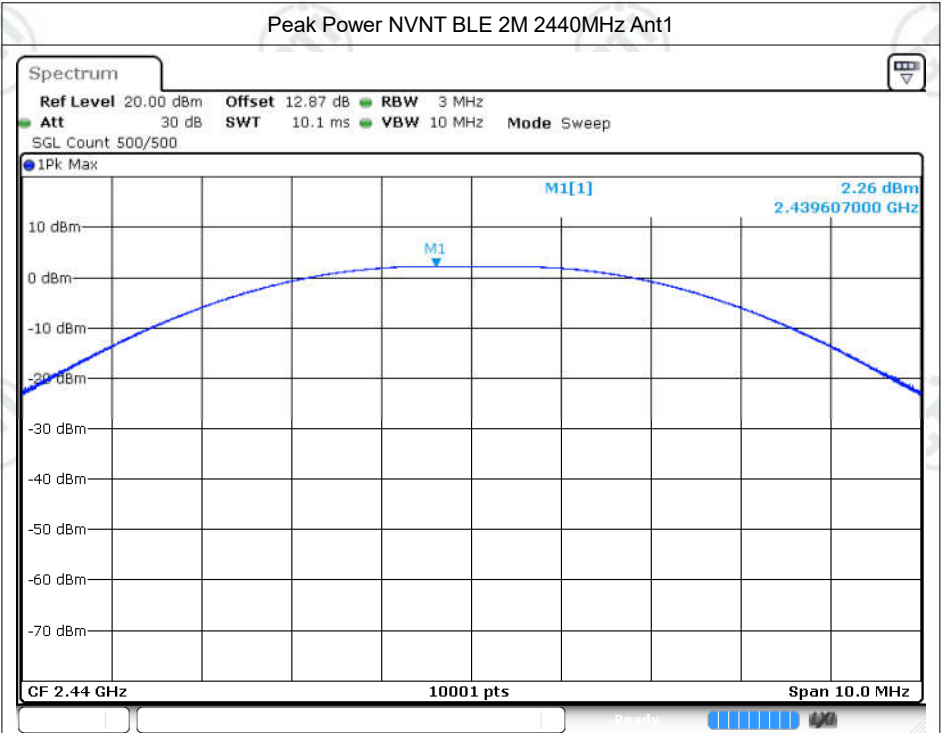




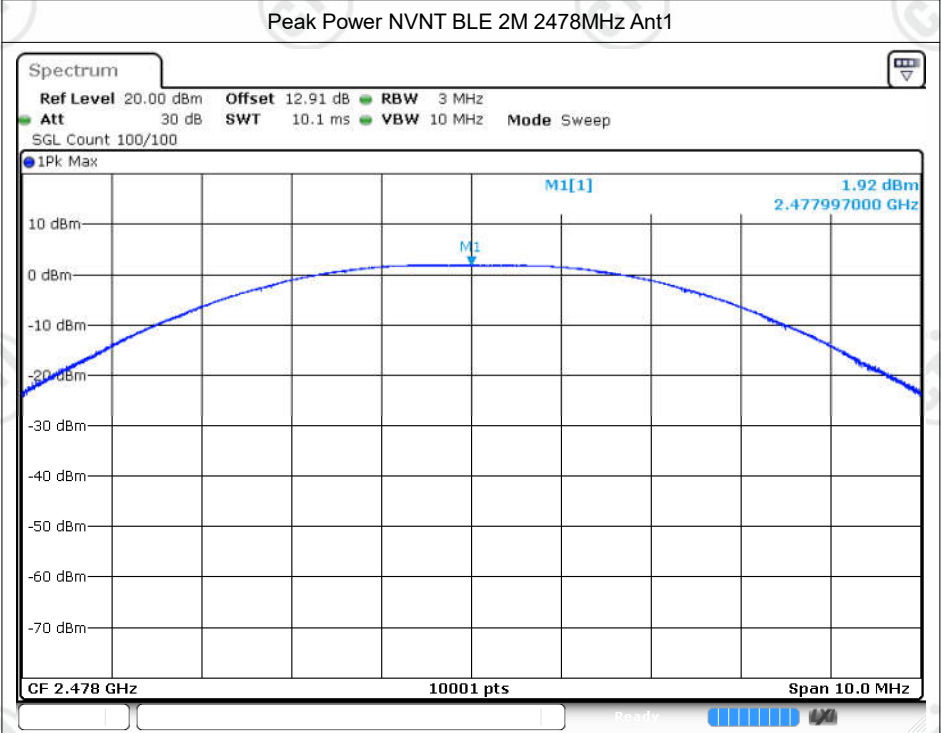
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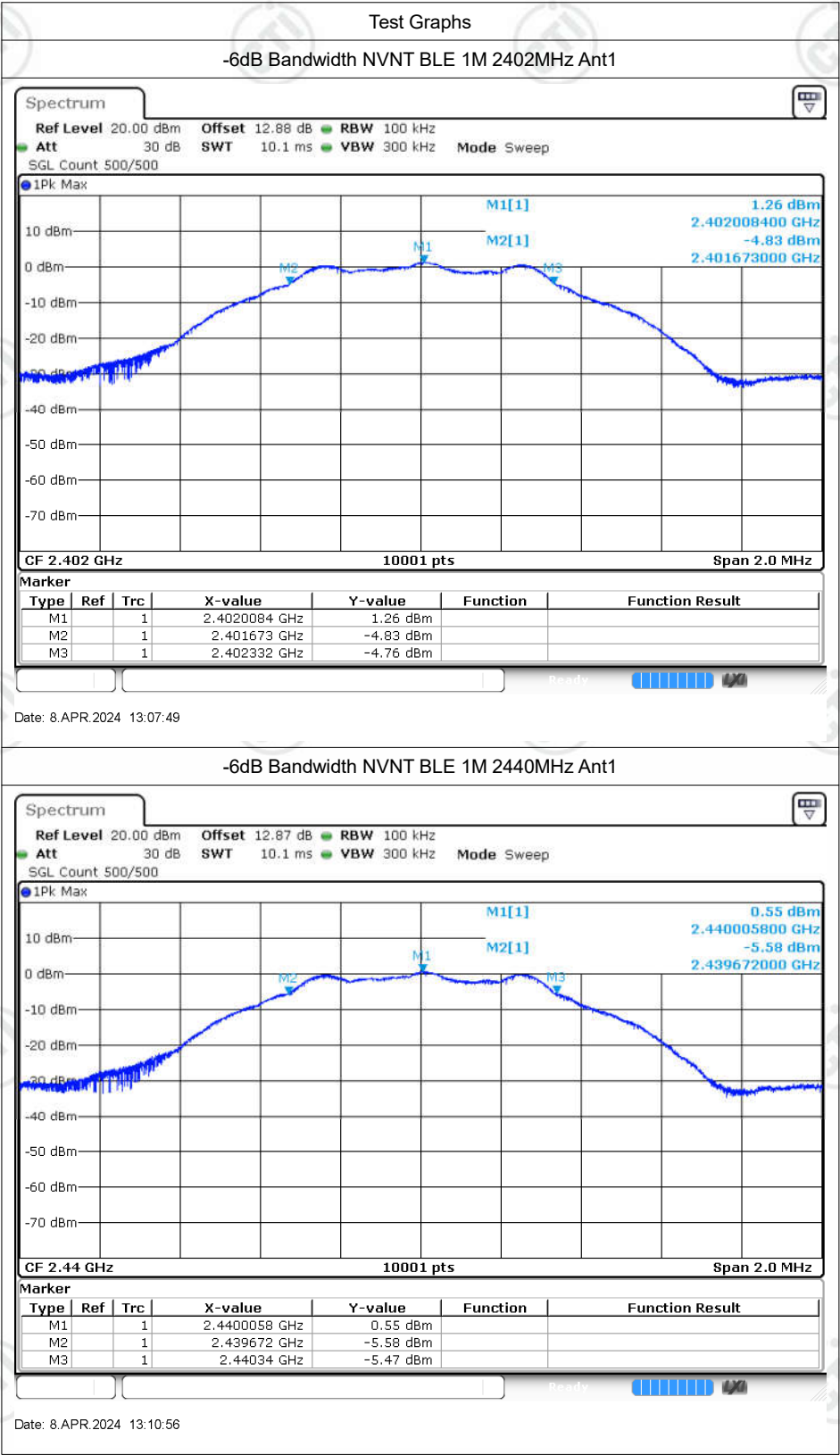
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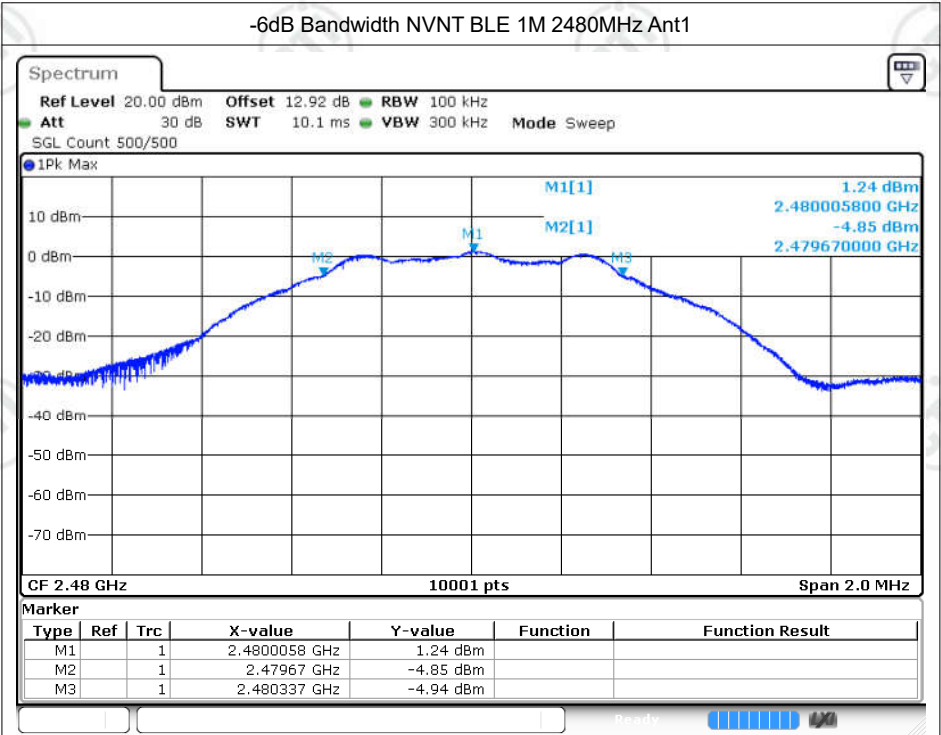


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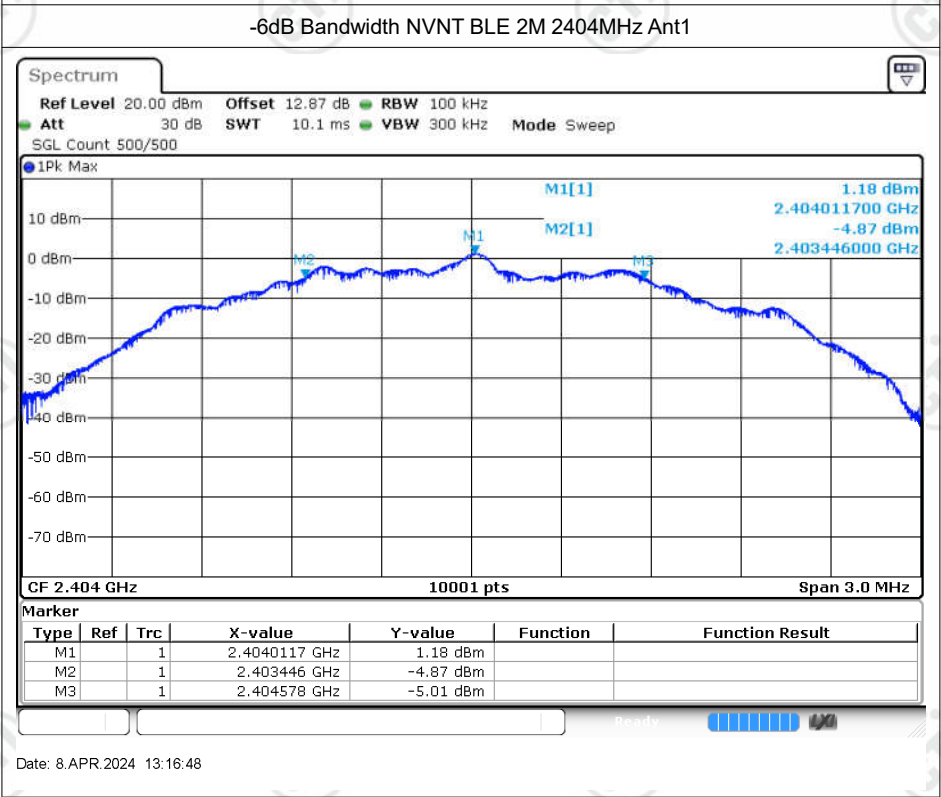
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.659	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.668	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.668	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.132	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.133	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.13	0.5	Pass

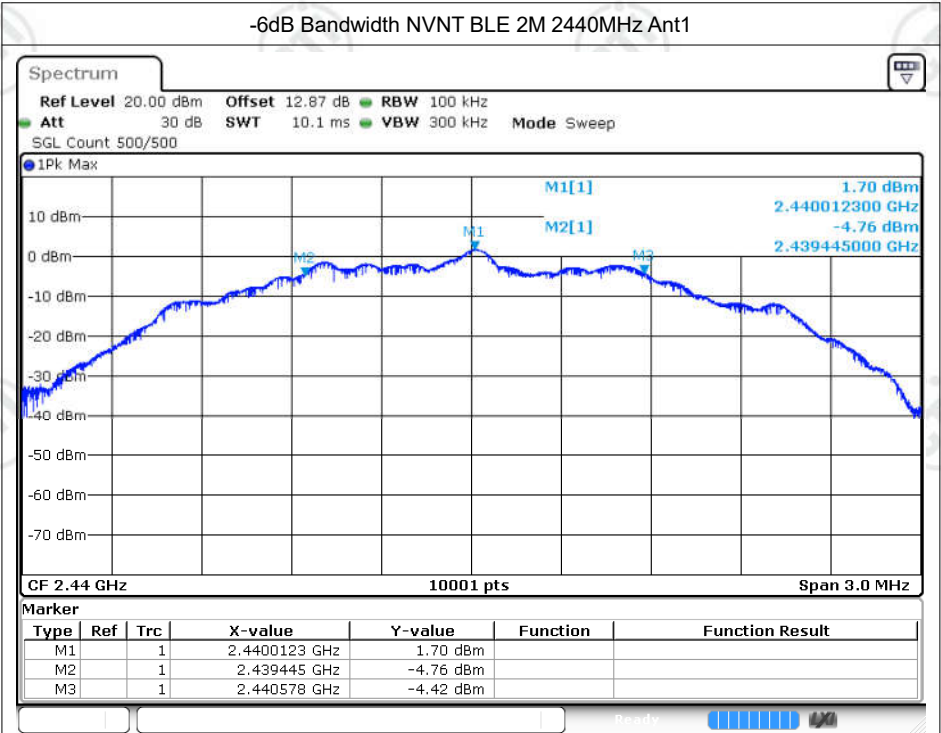




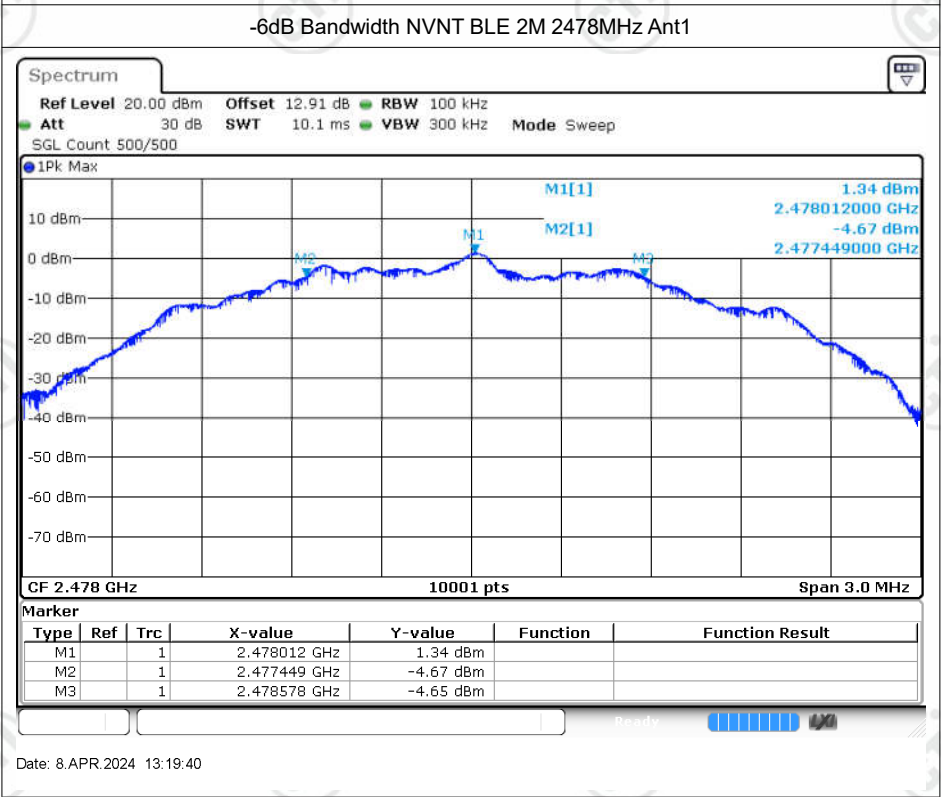
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Date: 8.APR.2024 13:16:48



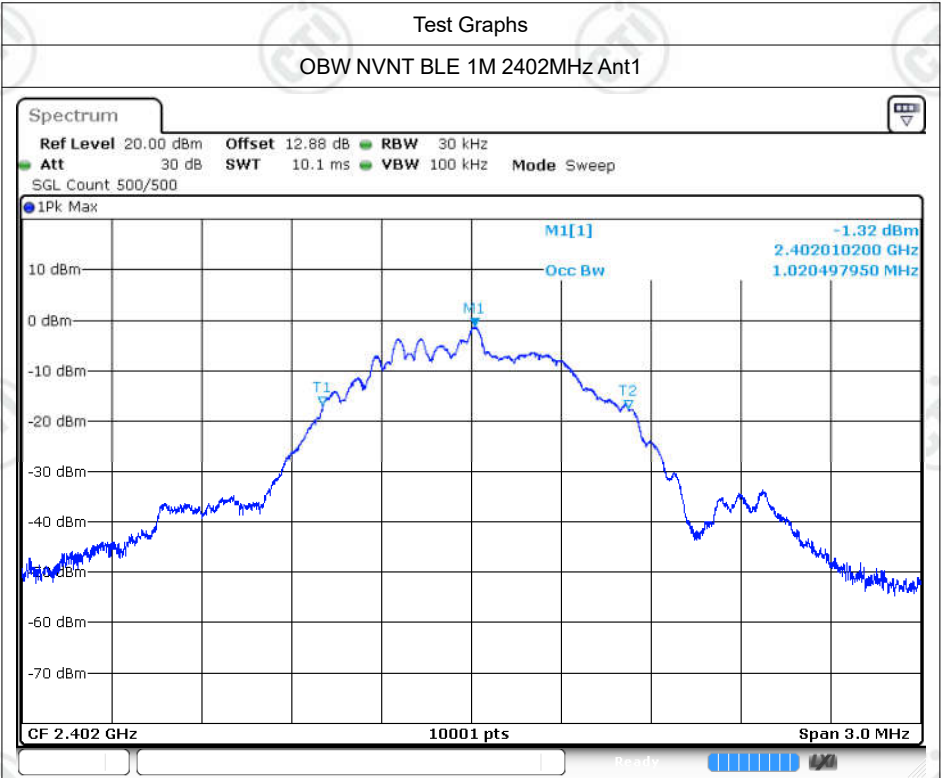
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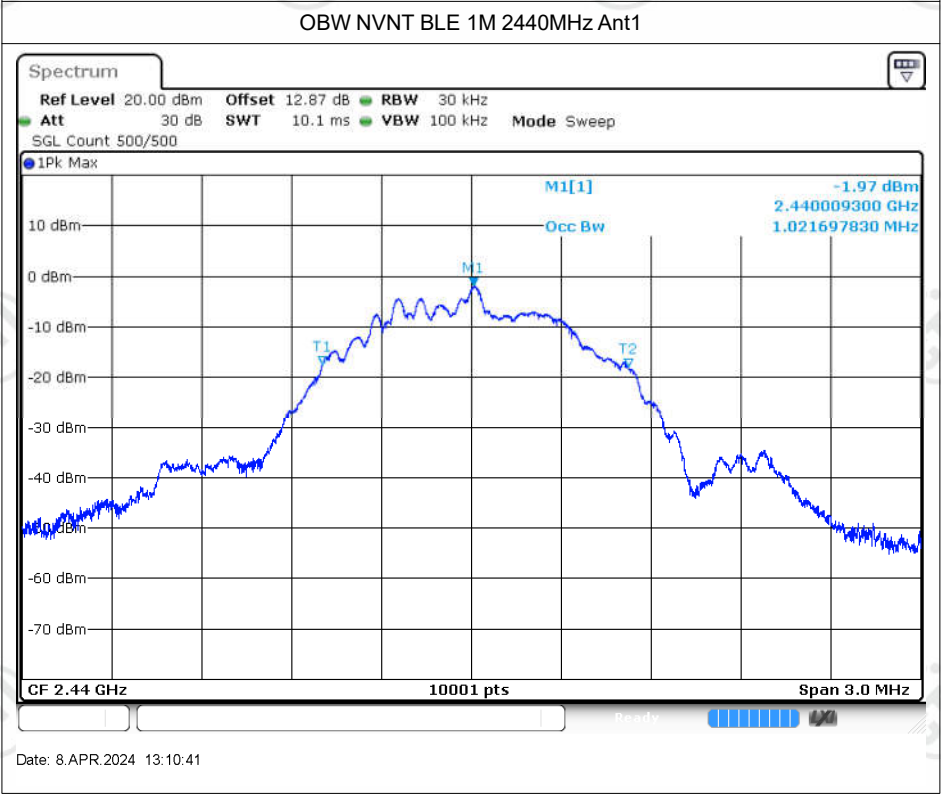
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Occupied Channel Bandwidth

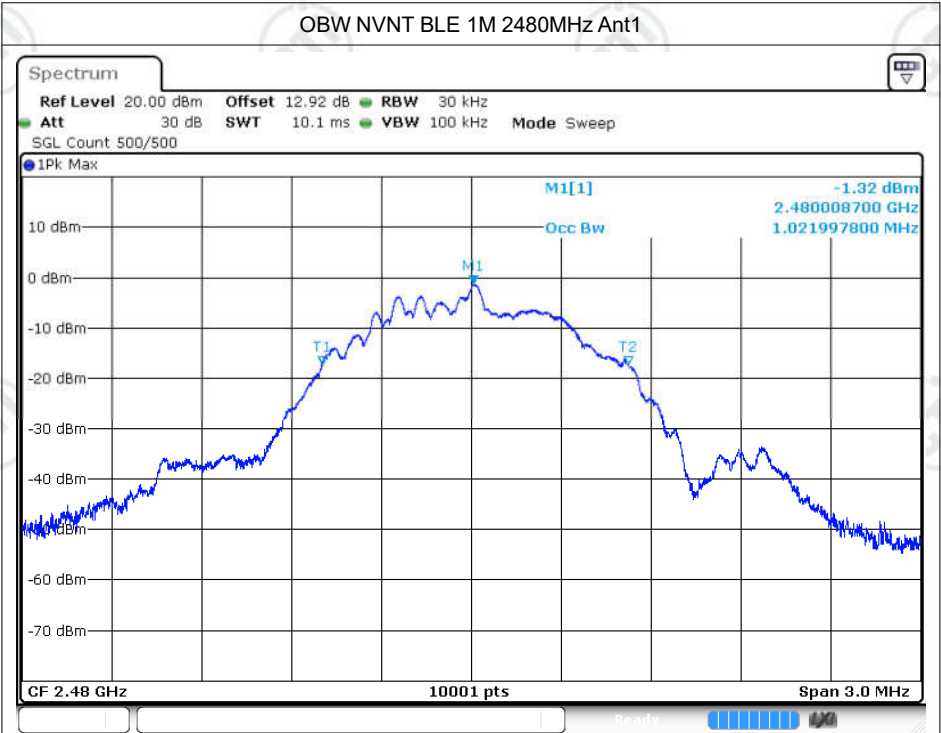
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.02
NVNT	BLE 1M	2440	Ant1	1.022
NVNT	BLE 1M	2480	Ant1	1.022
NVNT	BLE 2M	2404	Ant1	2.049
NVNT	BLE 2M	2440	Ant1	2.05
NVNT	BLE 2M	2478	Ant1	2.049



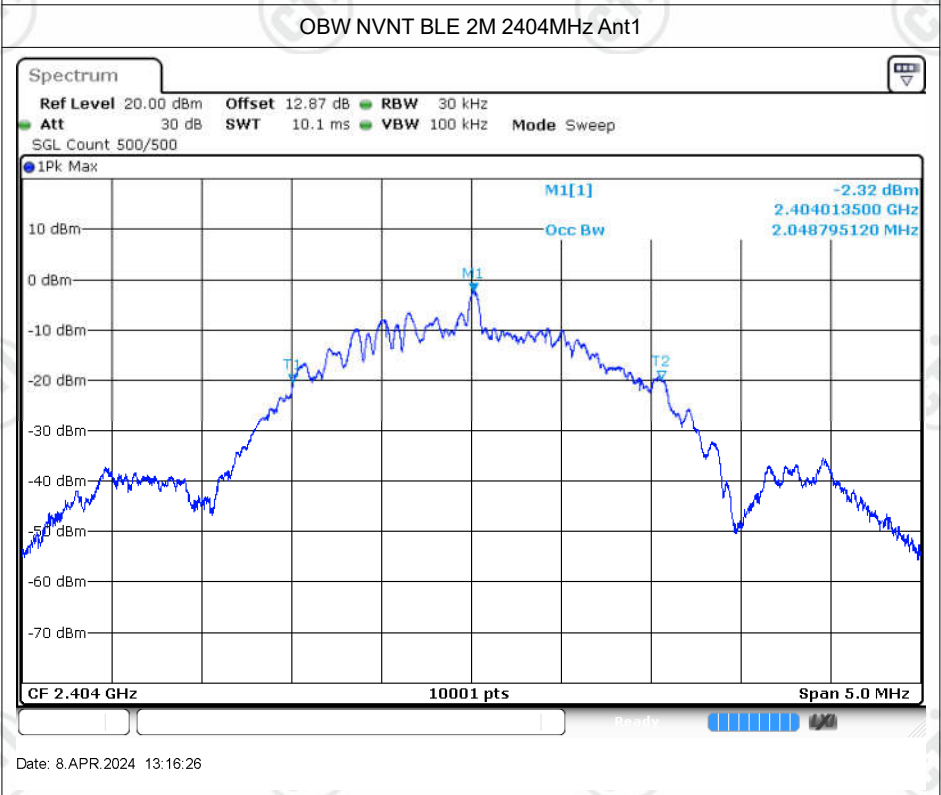
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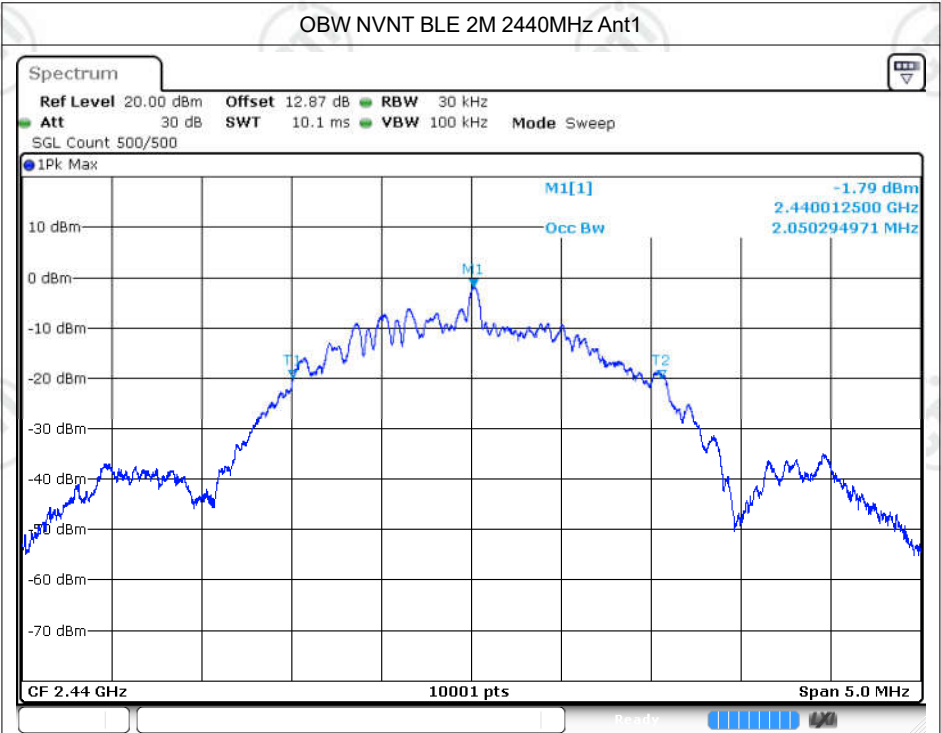
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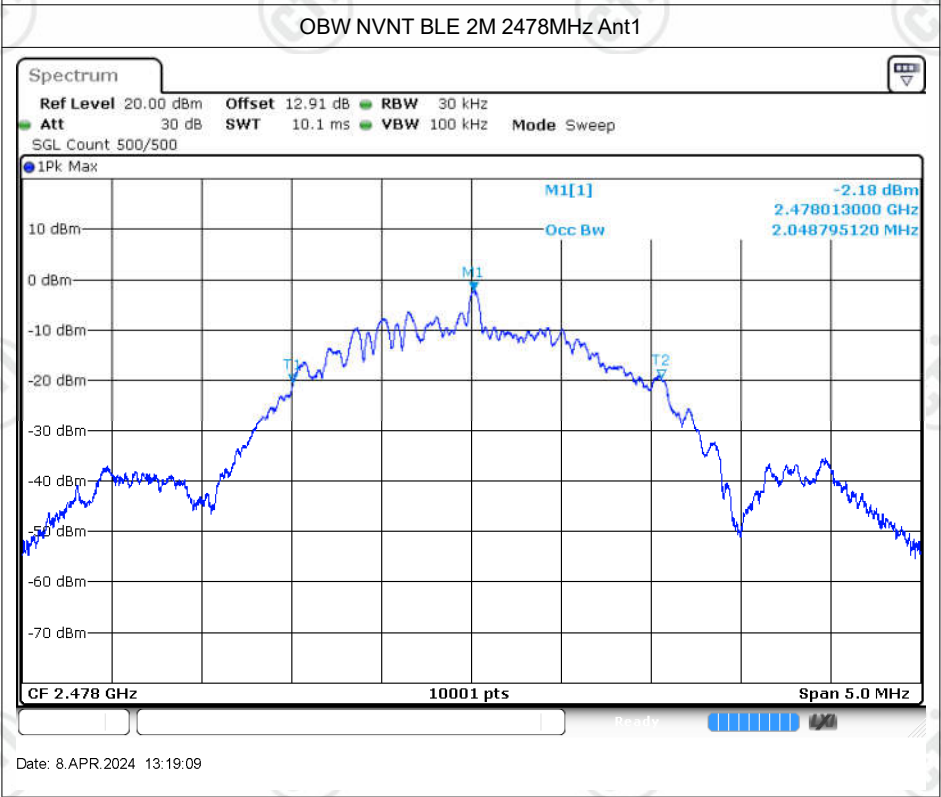
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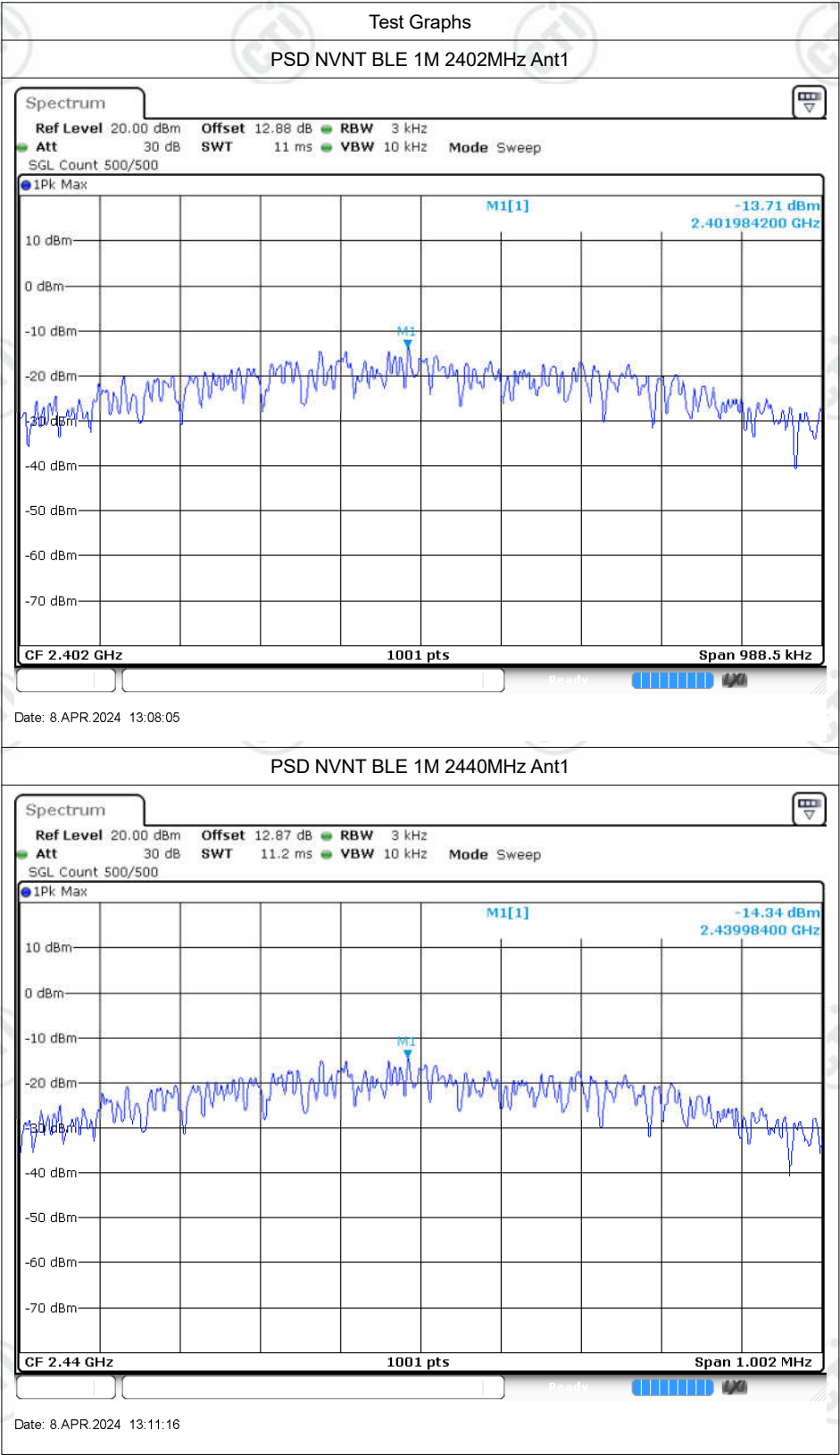
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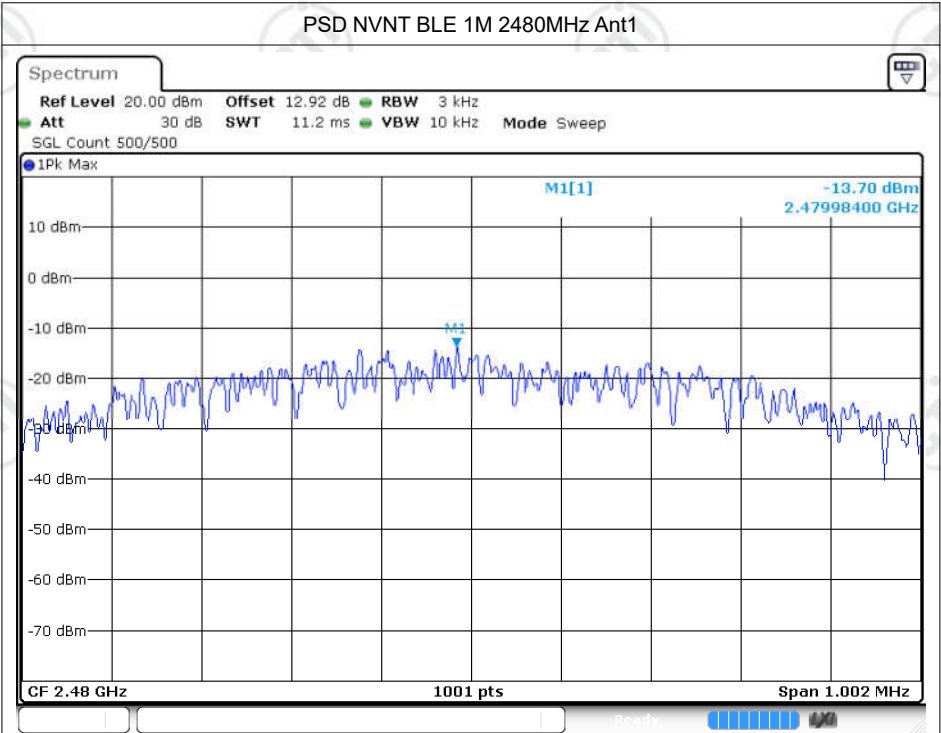


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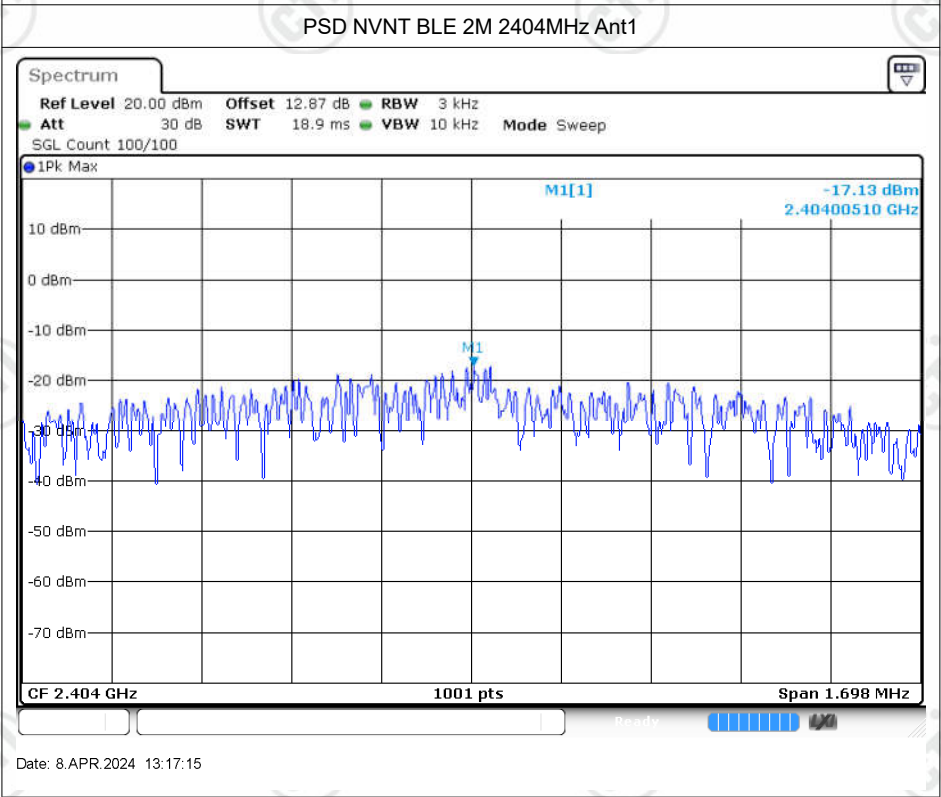
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-13.71	0	-13.71	8	Pass
NVNT	BLE 1M	2440	Ant1	-14.34	0	-14.34	8	Pass
NVNT	BLE 1M	2480	Ant1	-13.7	0	-13.7	8	Pass
NVNT	BLE 2M	2404	Ant1	-17.13	0	-17.13	8	Pass
NVNT	BLE 2M	2440	Ant1	-16.34	0	-16.34	8	Pass
NVNT	BLE 2M	2478	Ant1	-17.02	0	-17.02	8	Pass

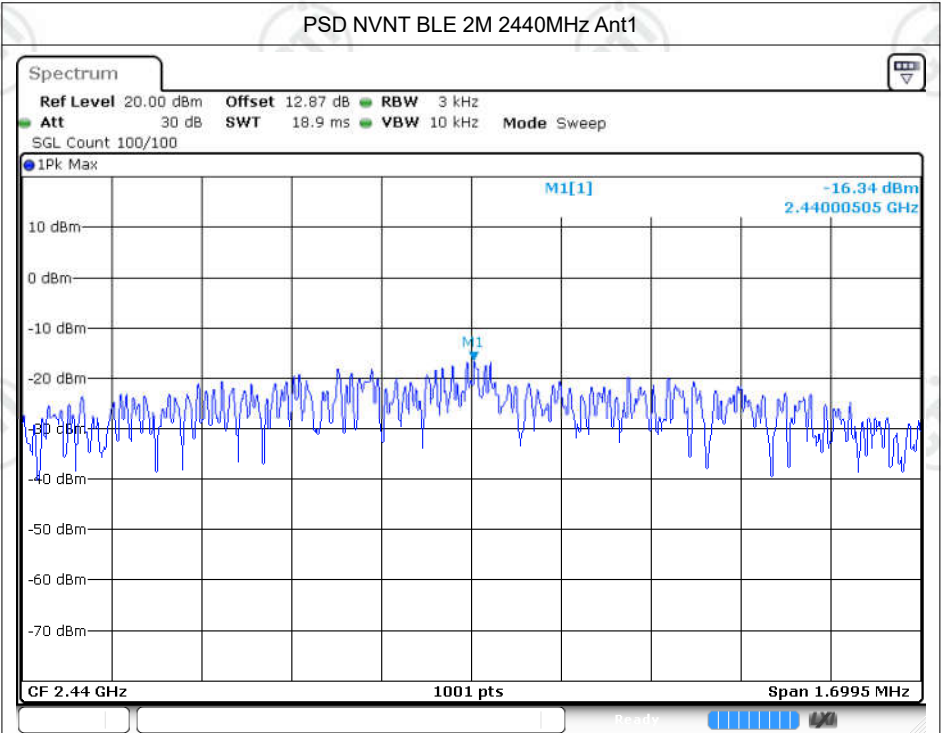




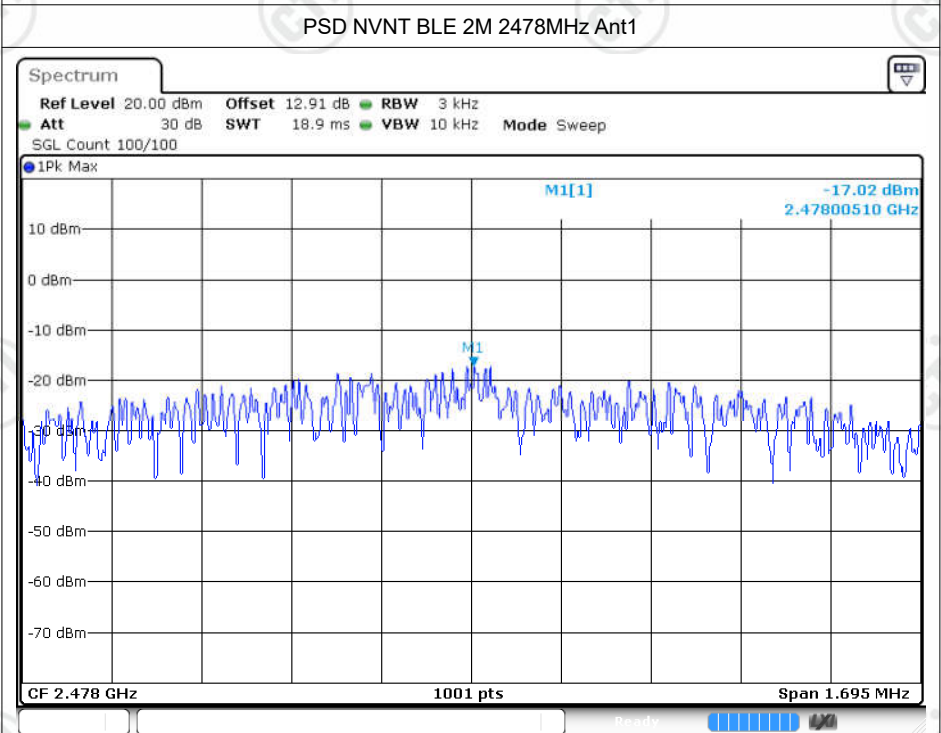
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Date: 8.APR.2024 13:17:15



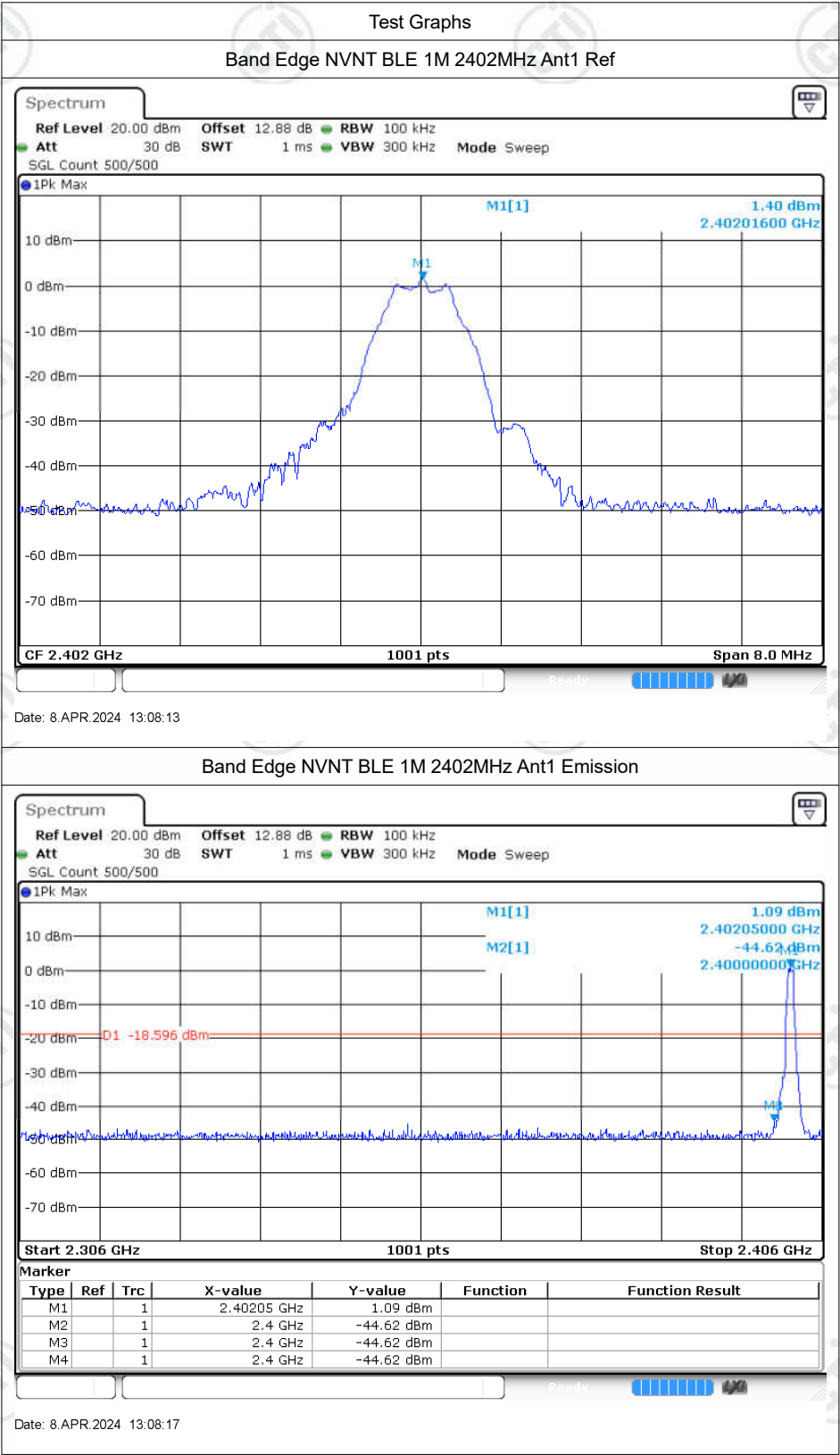
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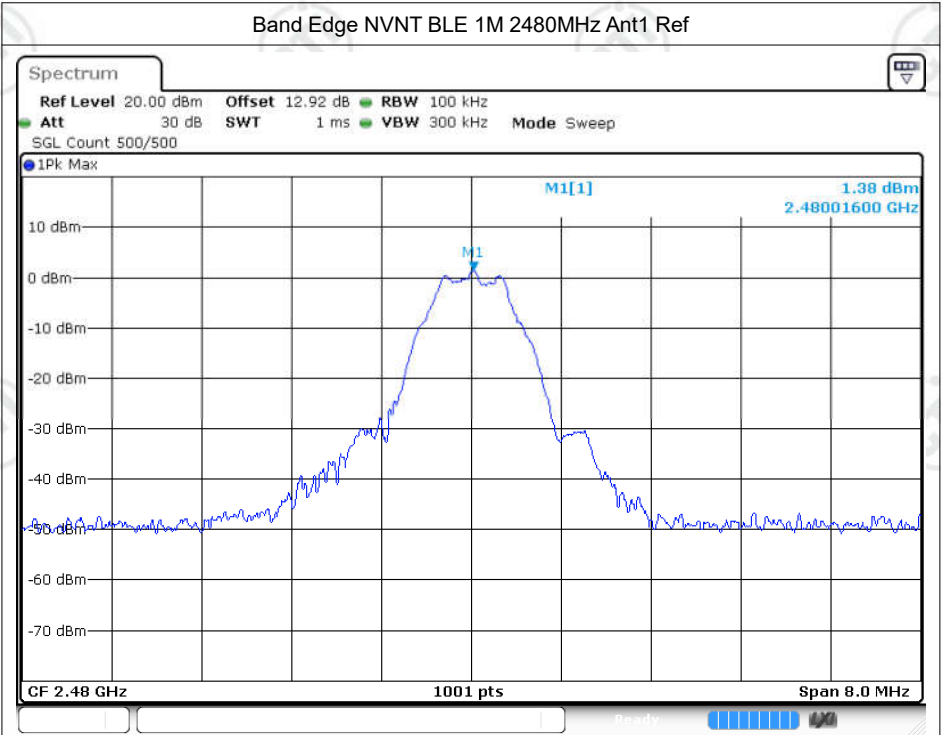


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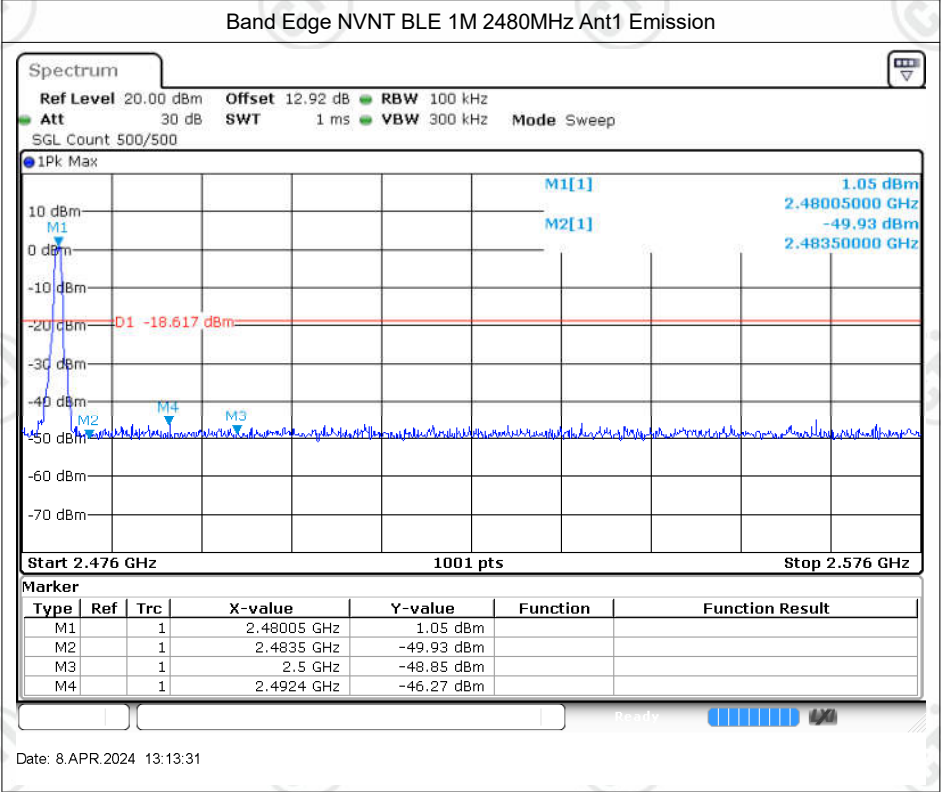
Band Edge

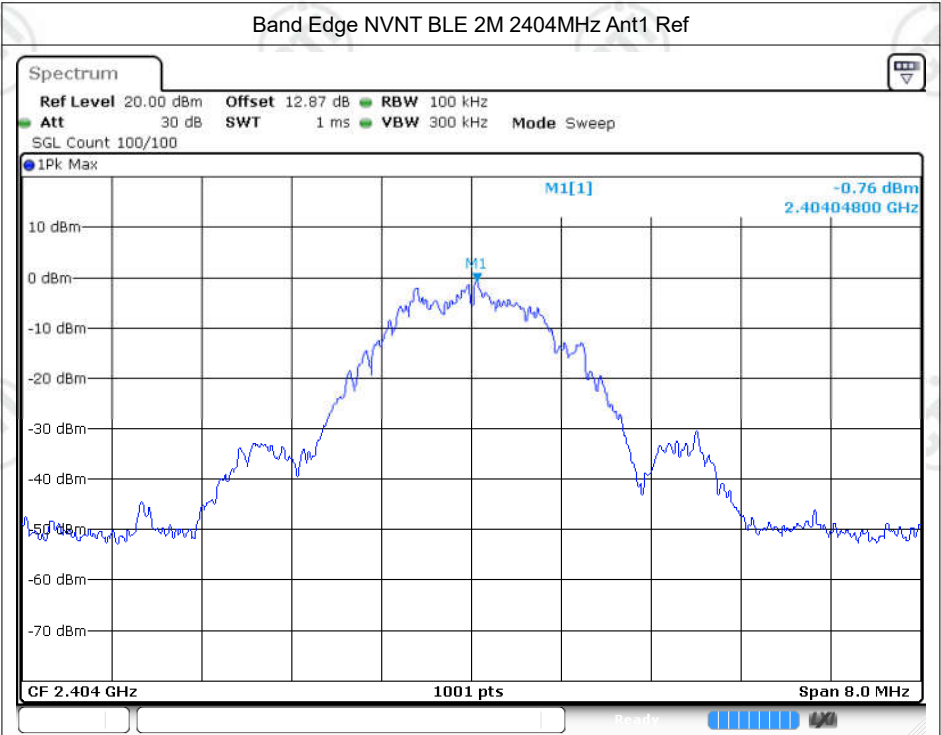
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.01	-20	Pass
NVNT	BLE 1M	2480	Ant1	-47.65	-20	Pass
NVNT	BLE 2M	2404	Ant1	-45.71	-20	Pass
NVNT	BLE 2M	2478	Ant1	-47.74	-20	Pass



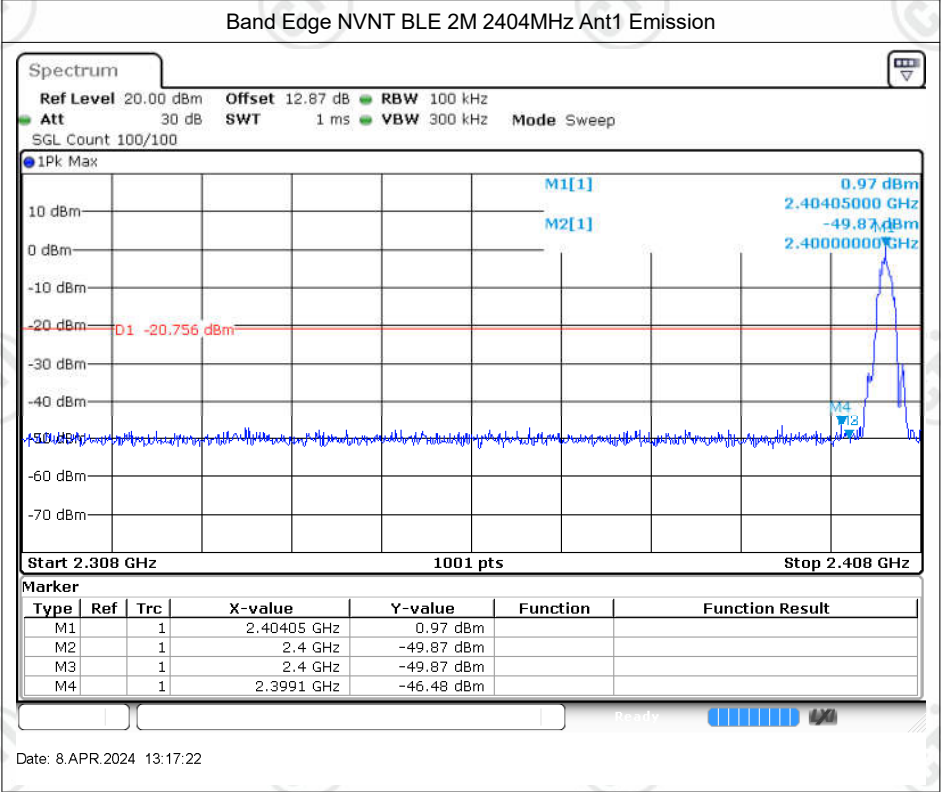


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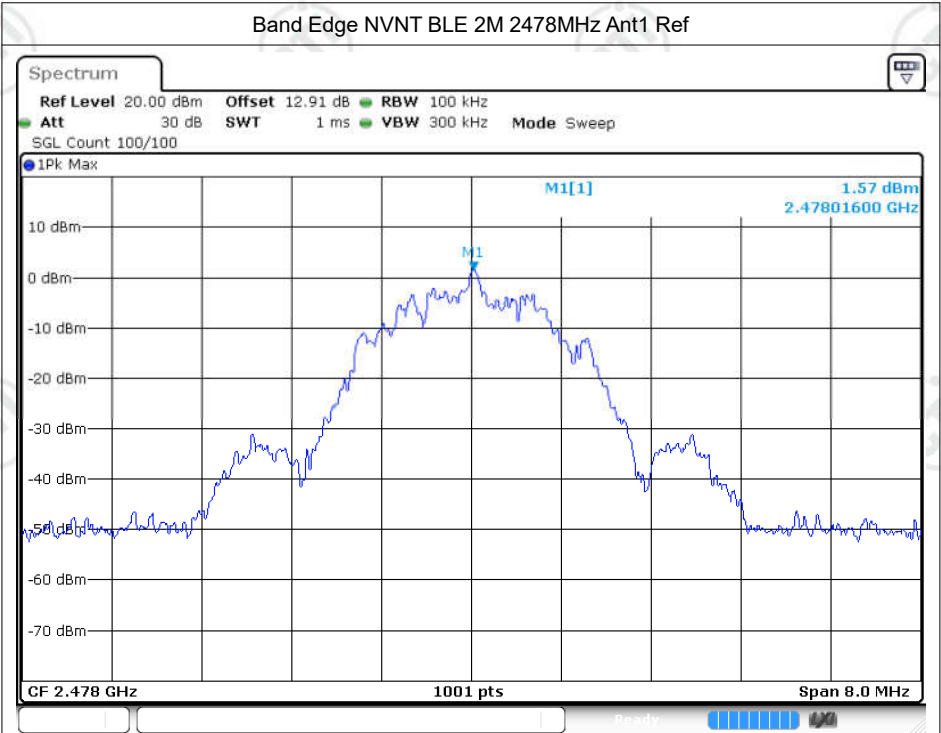




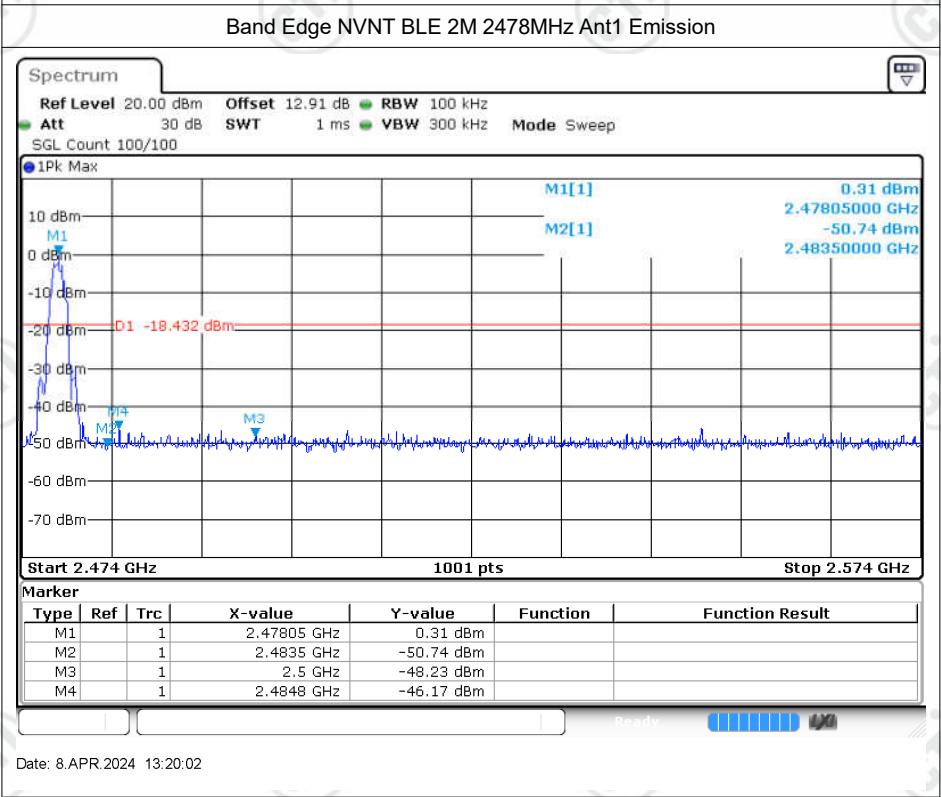
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Date: 8.APR.2024 13:17:22

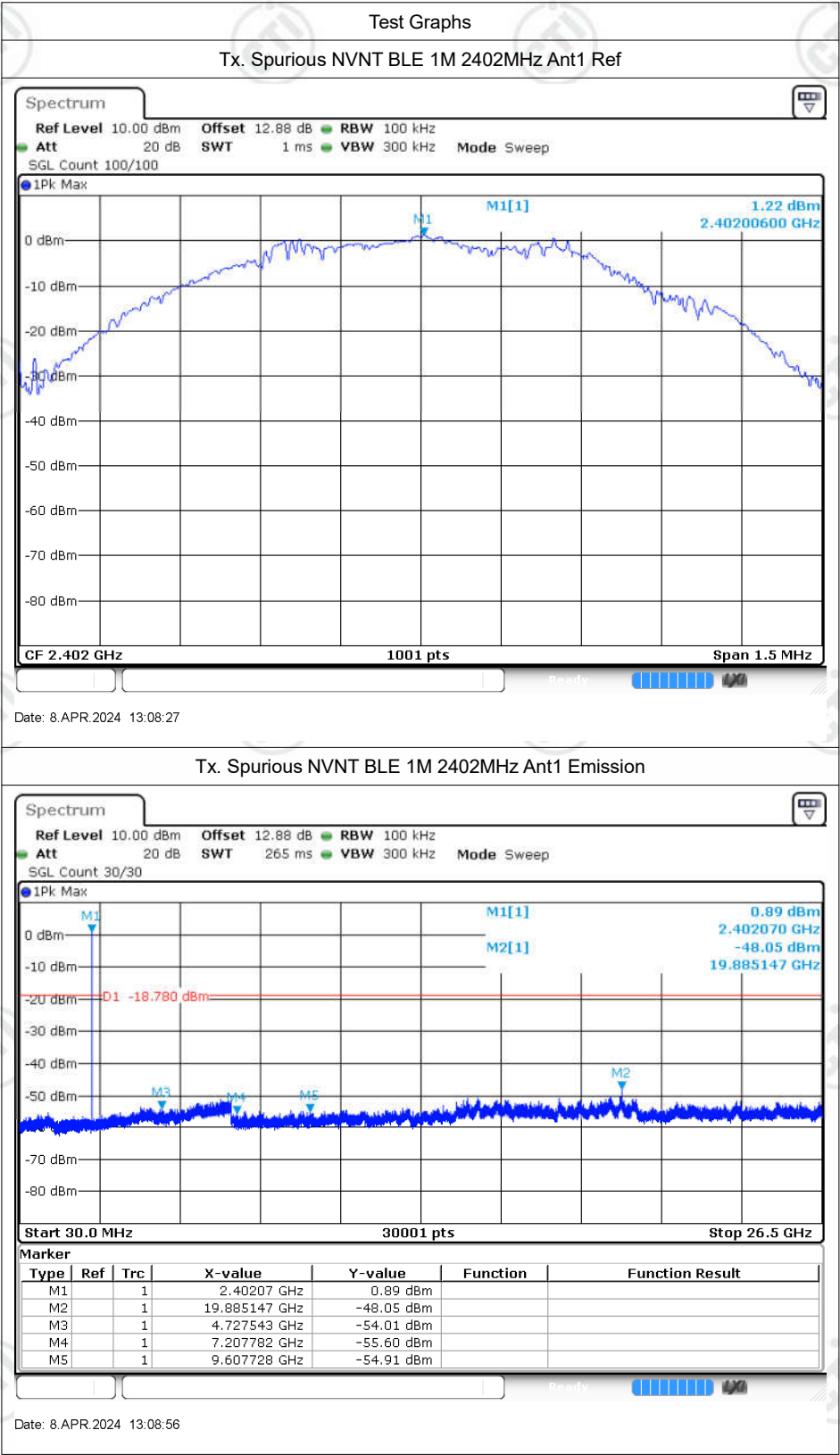


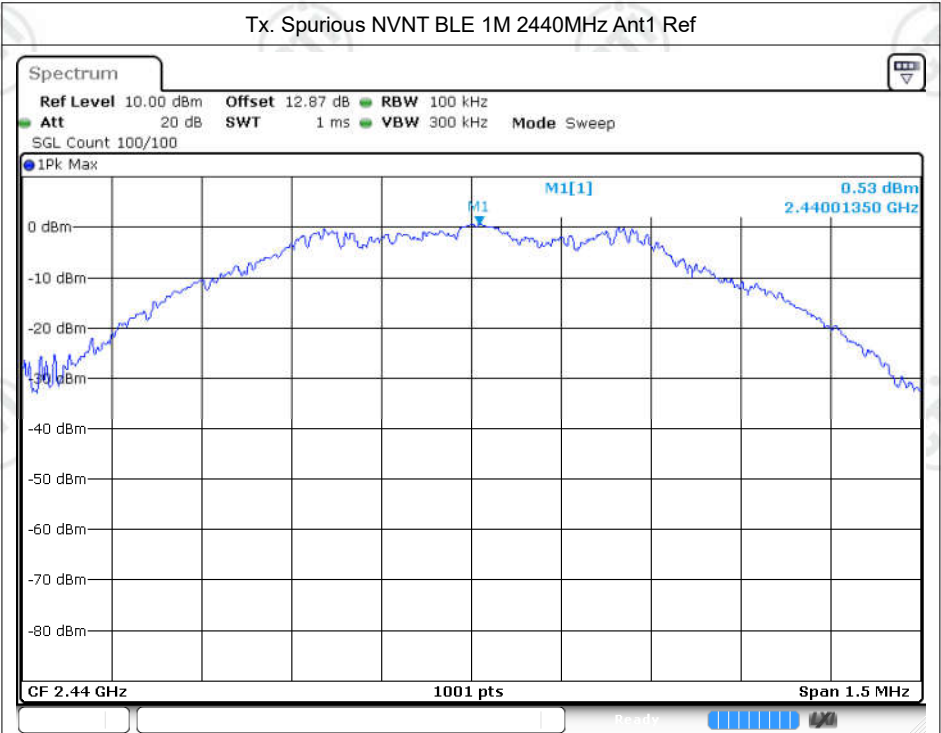
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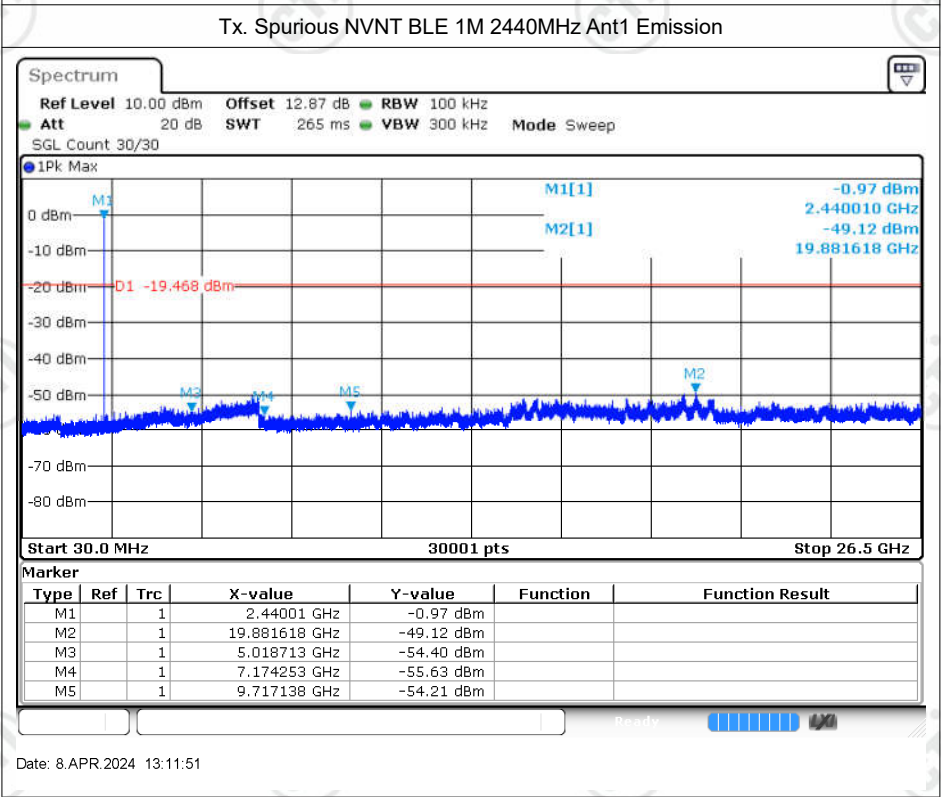
Conducted RF Spurious Emission

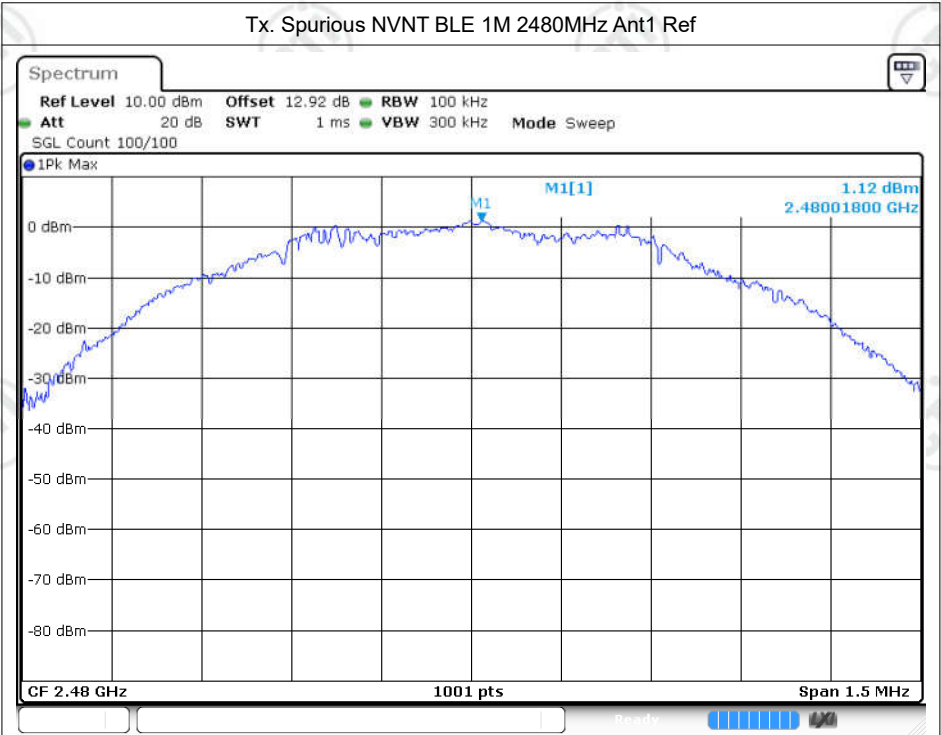
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-49.27	-20	Pass
NVNT	BLE 1M	2440	Ant1	-49.64	-20	Pass
NVNT	BLE 1M	2480	Ant1	-50.92	-20	Pass
NVNT	BLE 2M	2404	Ant1	-50.26	-20	Pass
NVNT	BLE 2M	2440	Ant1	-50.43	-20	Pass
NVNT	BLE 2M	2478	Ant1	-48.55	-20	Pass



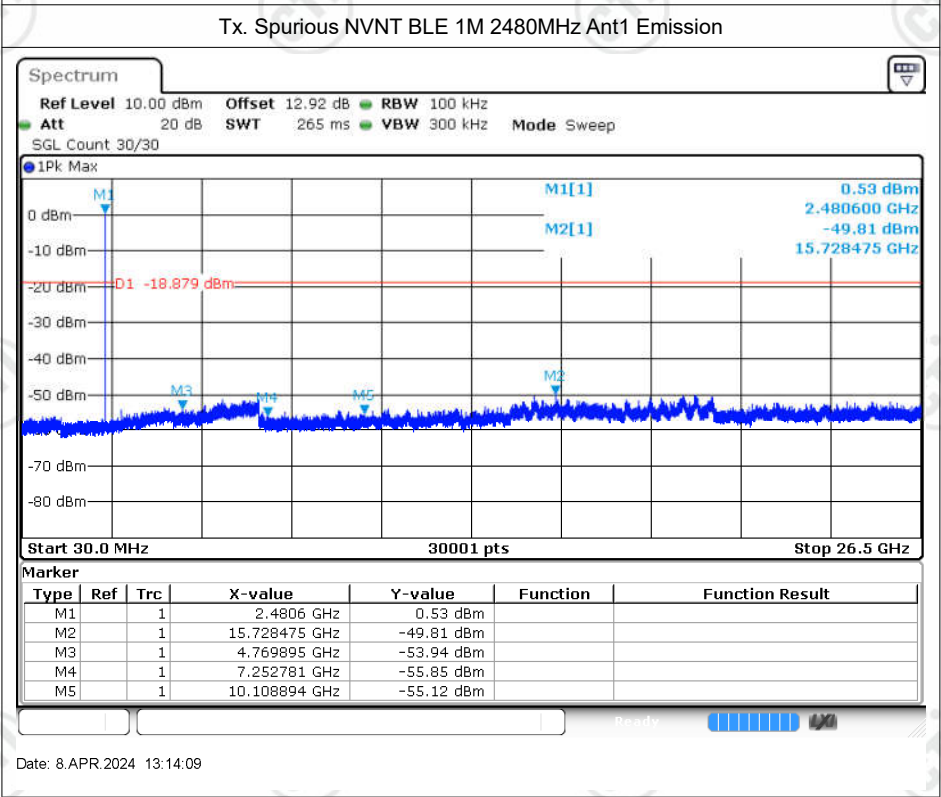


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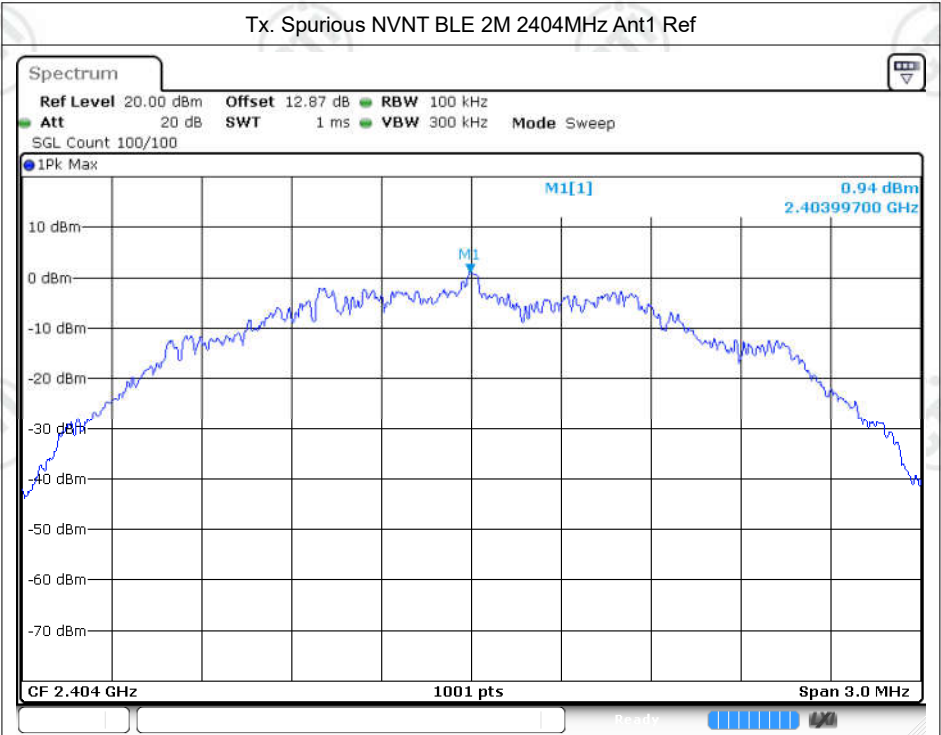




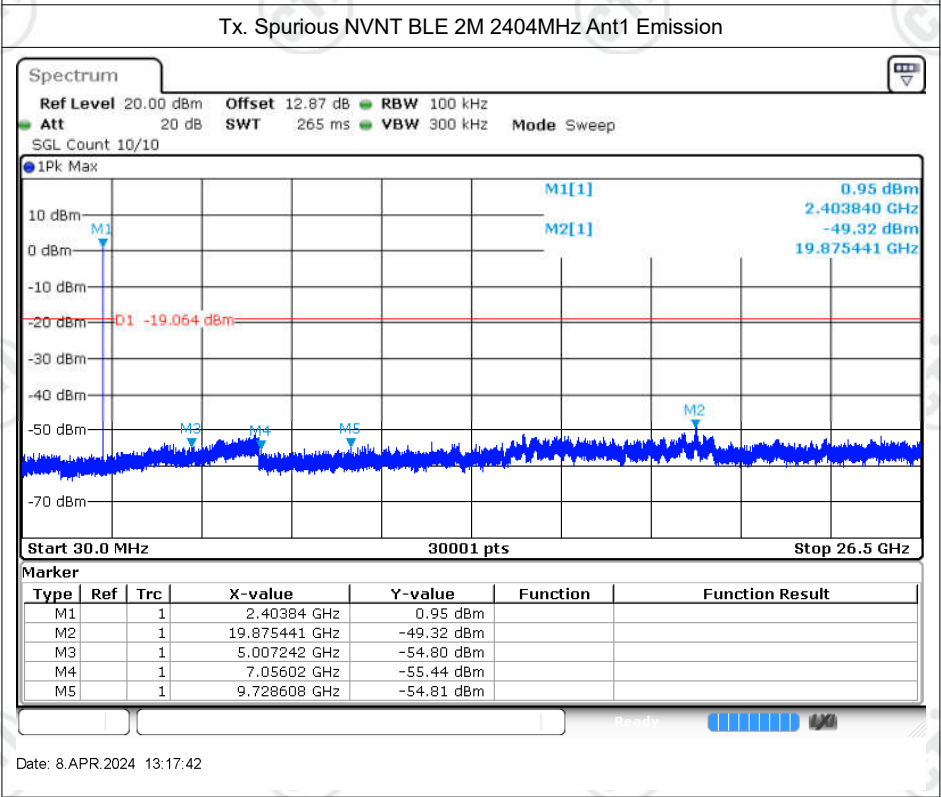
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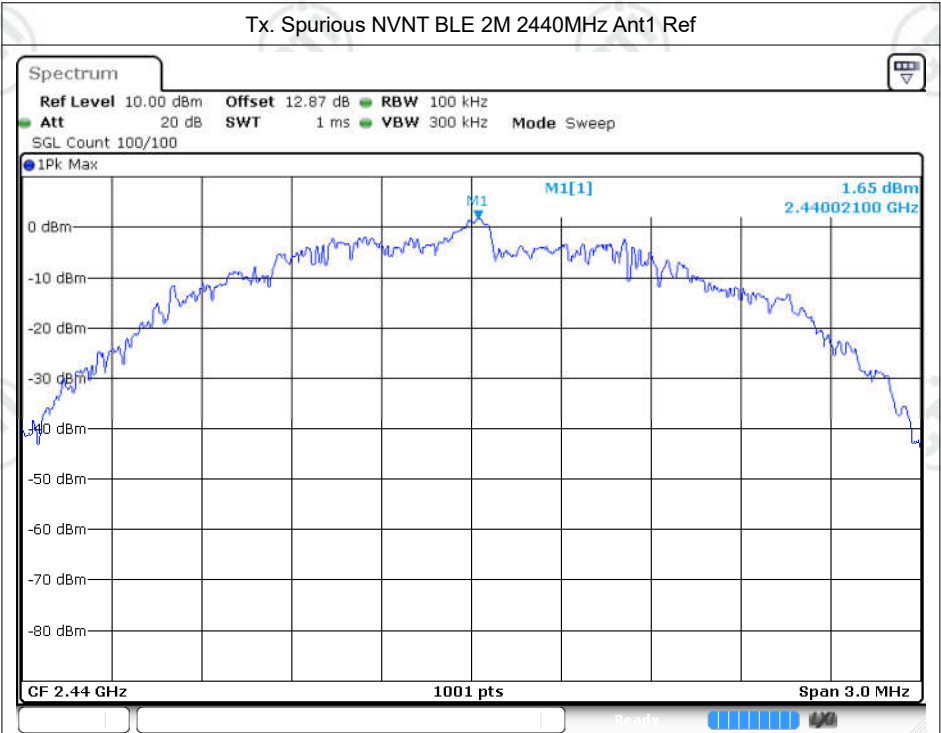
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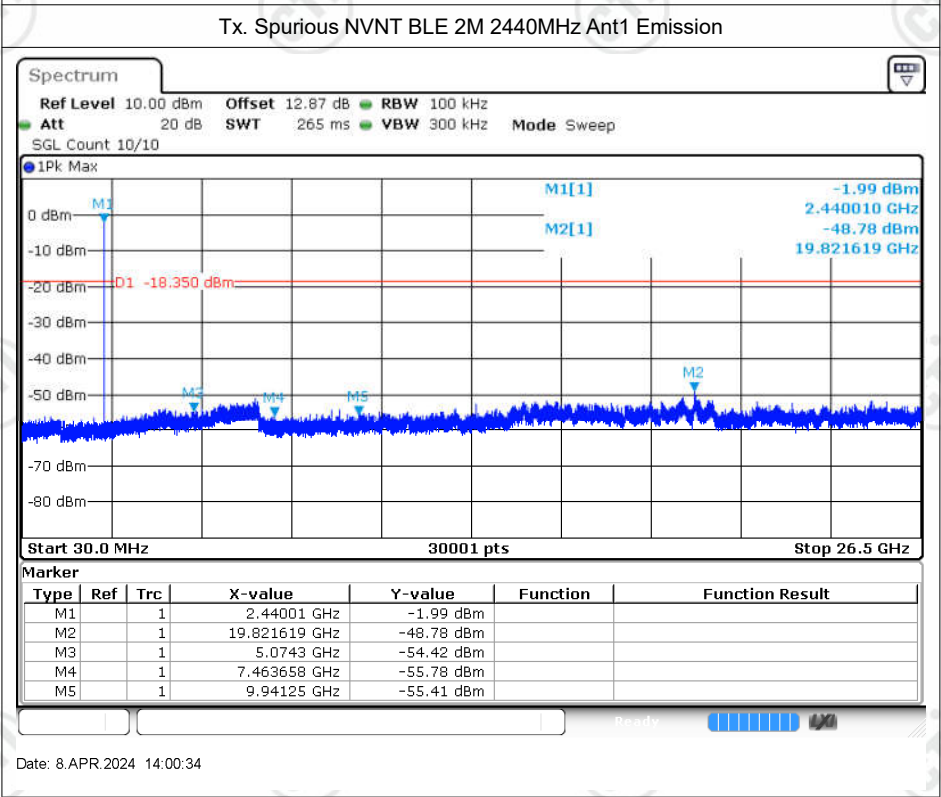
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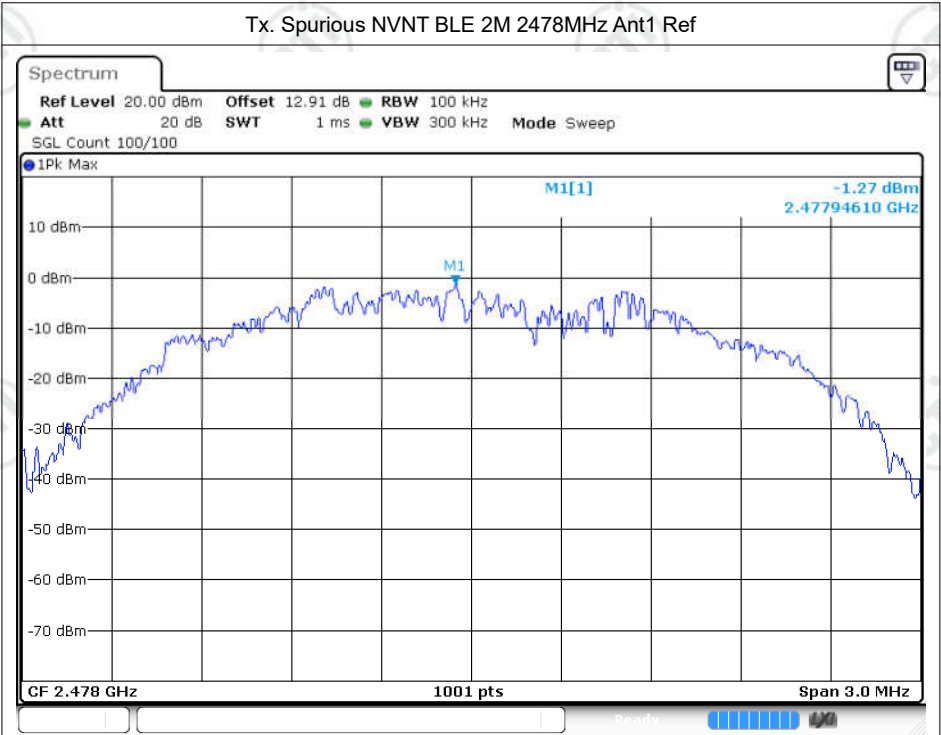
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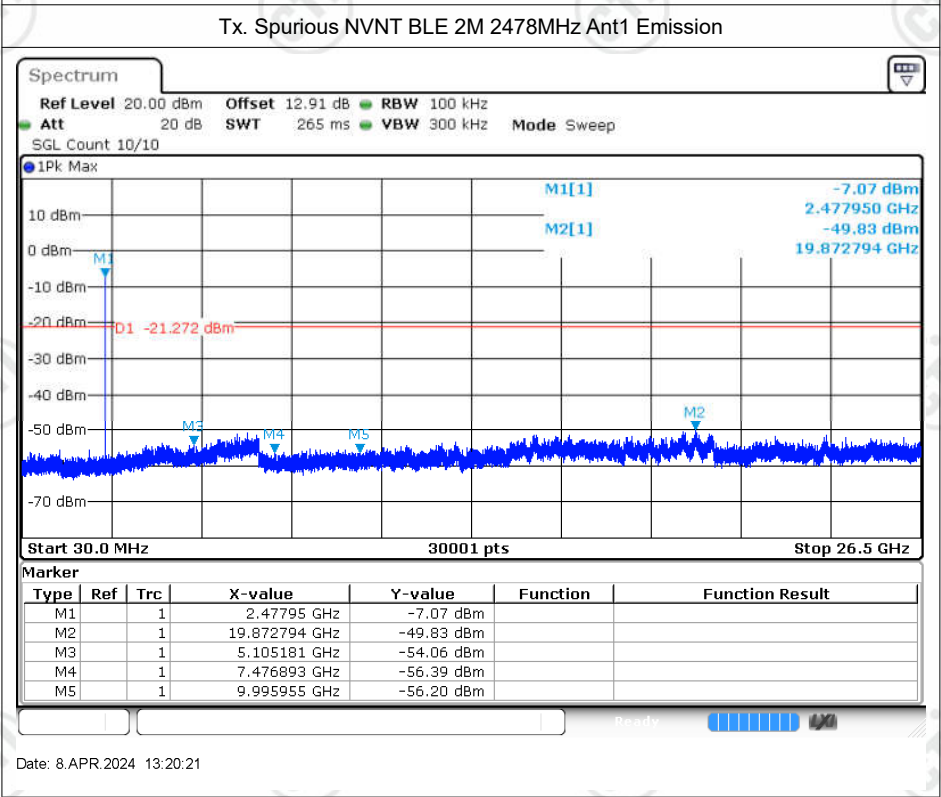
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Date: 8.APR.2024 13:20:09



END OF REPORT