

Appendix: Bluetooth LE

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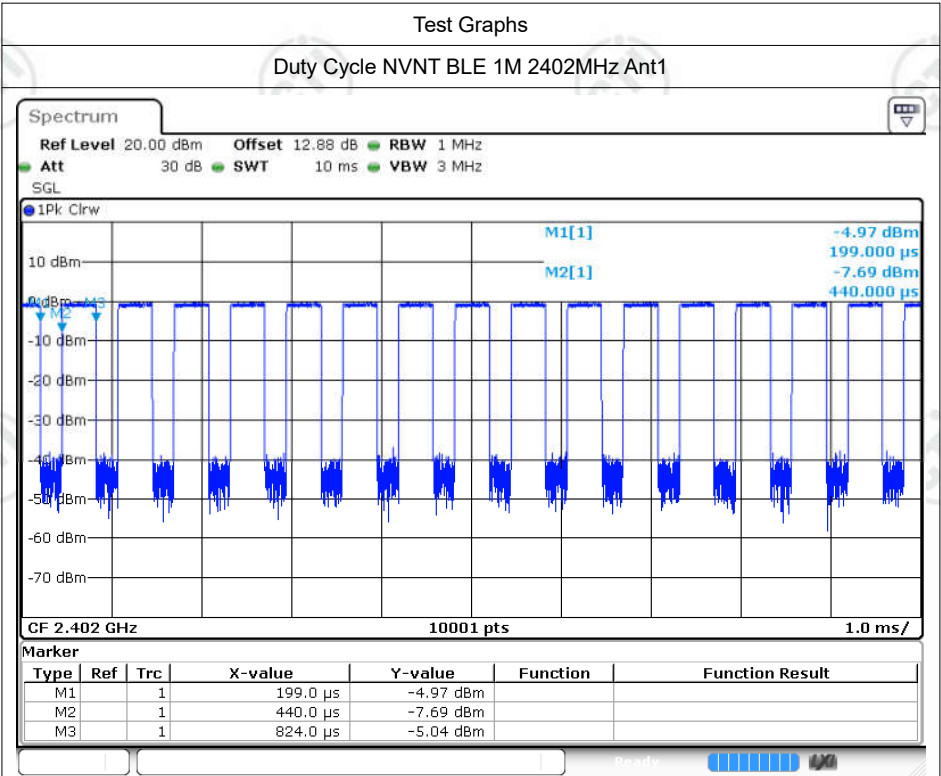
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Band Edge 23

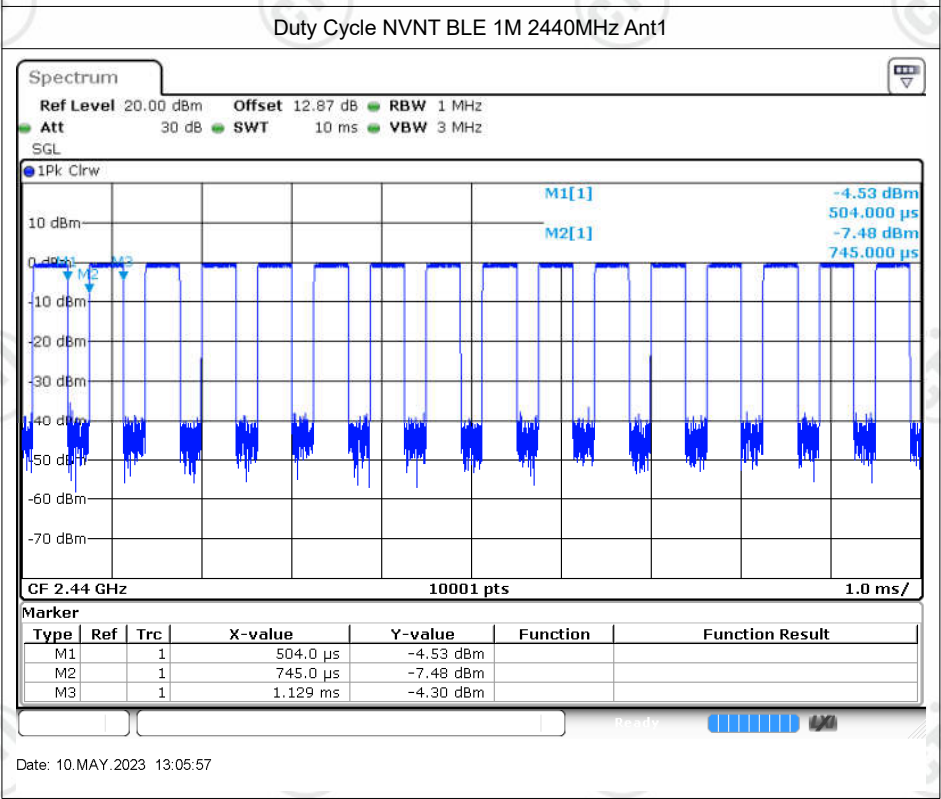
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Duty Cycle

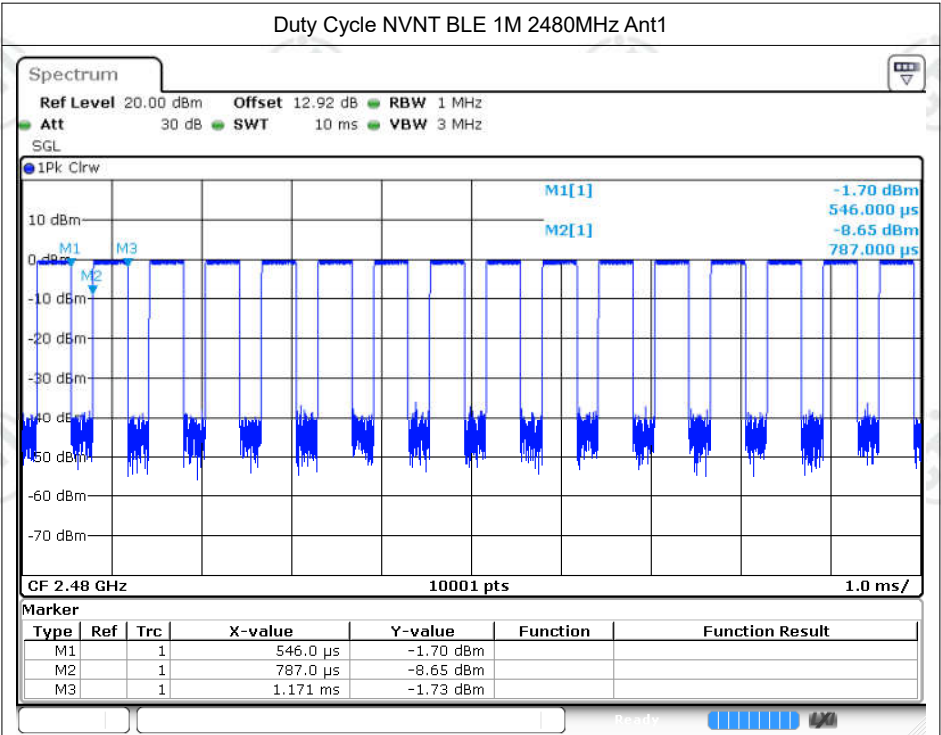
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	61.44	2.12	2.6
NVNT	BLE 1M	2440	Ant1	61.44	2.12	2.6
NVNT	BLE 1M	2480	Ant1	61.44	2.12	2.6
NVNT	BLE 2M	2402	Ant1	38.72	4.12	4.13
NVNT	BLE 2M	2440	Ant1	38.72	4.12	4.13
NVNT	BLE 2M	2480	Ant1	38.72	4.12	4.13



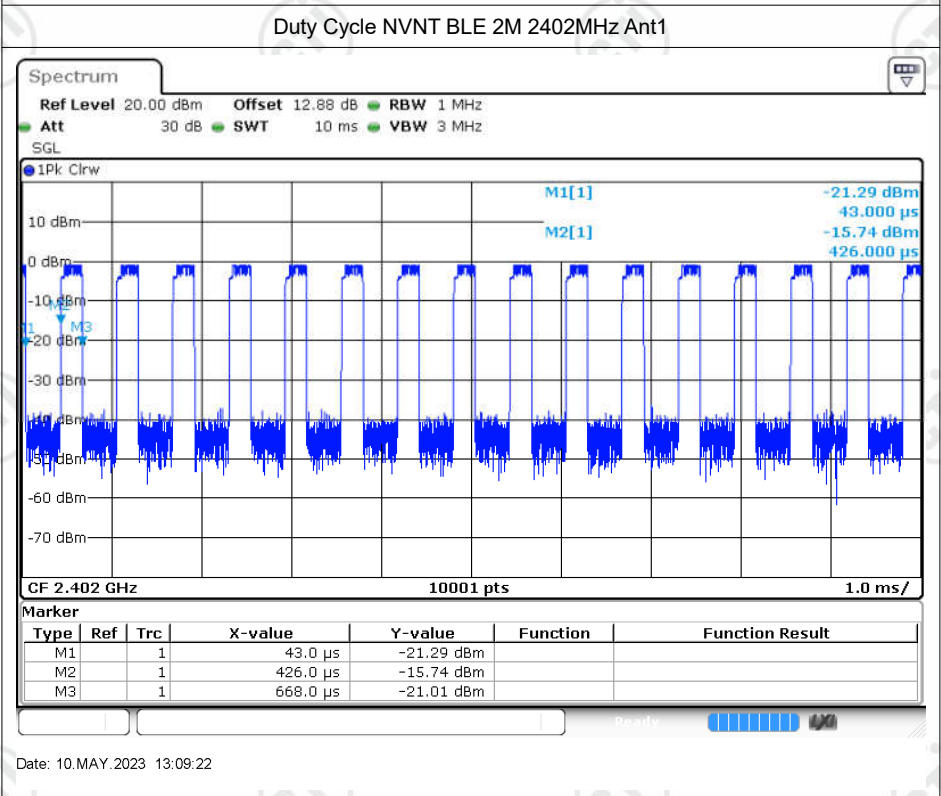
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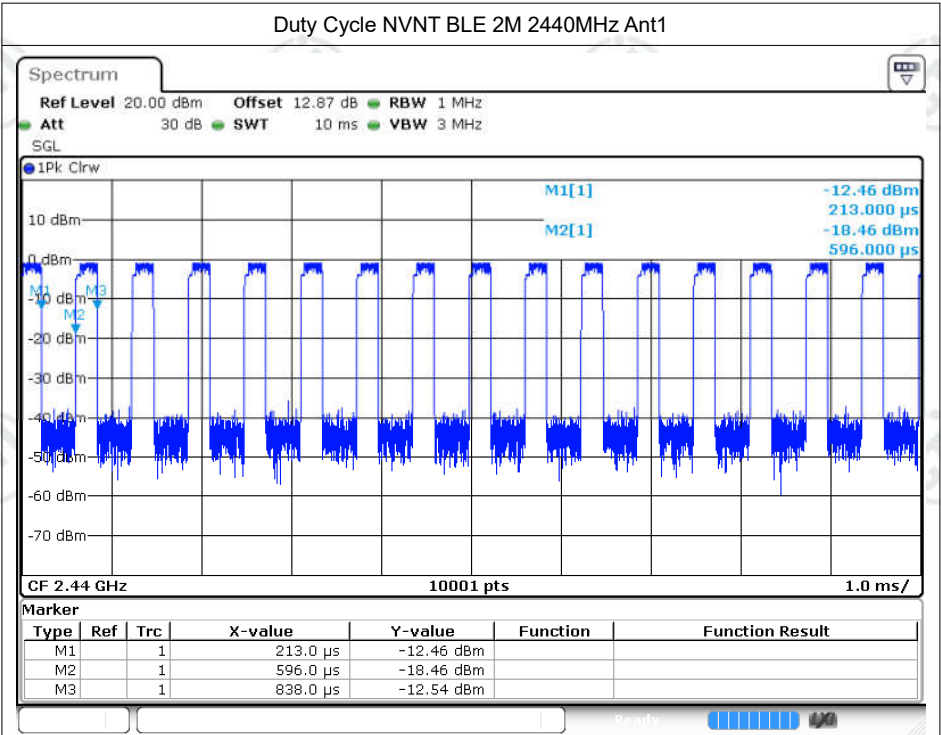
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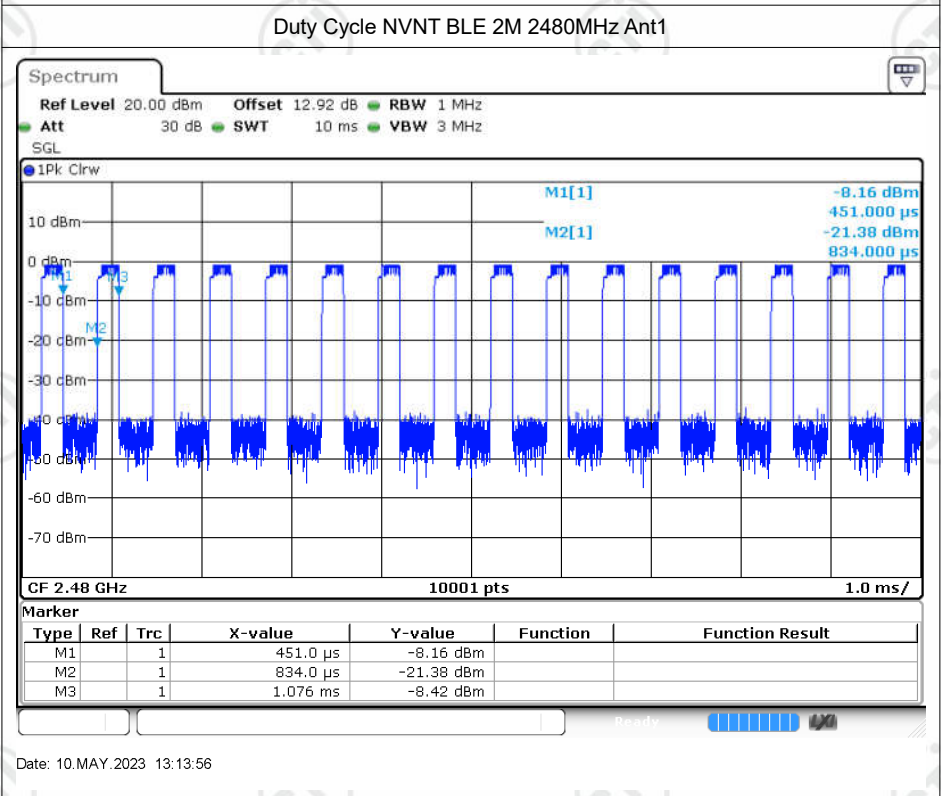
Date: 10.MAY.2023 13:07:31



Date: 10.MAY.2023 13:09:22



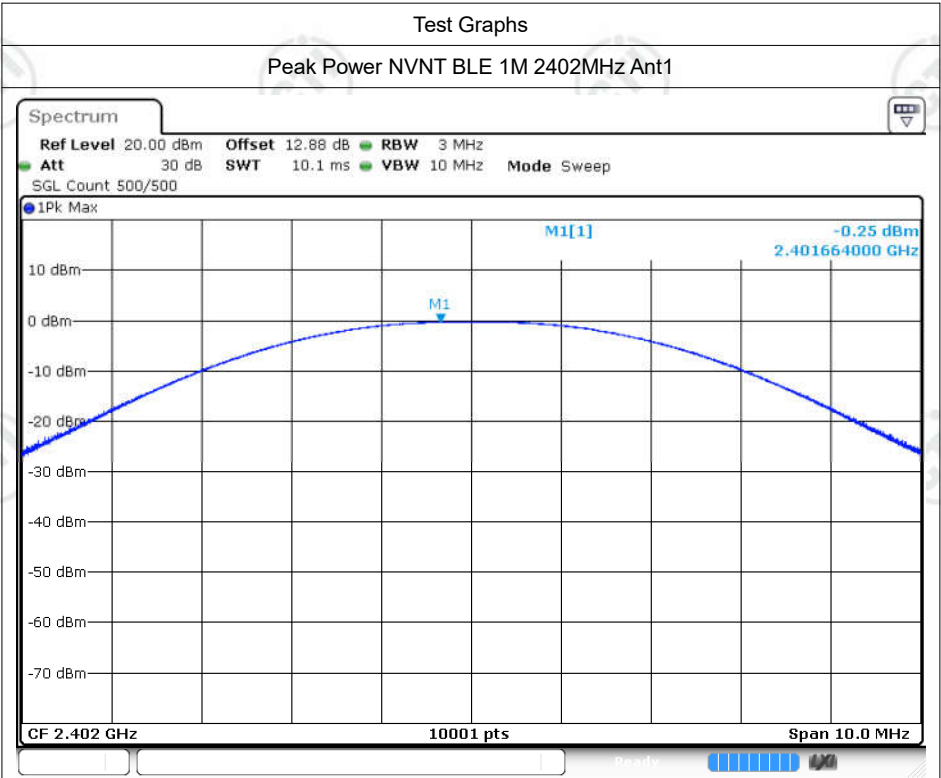
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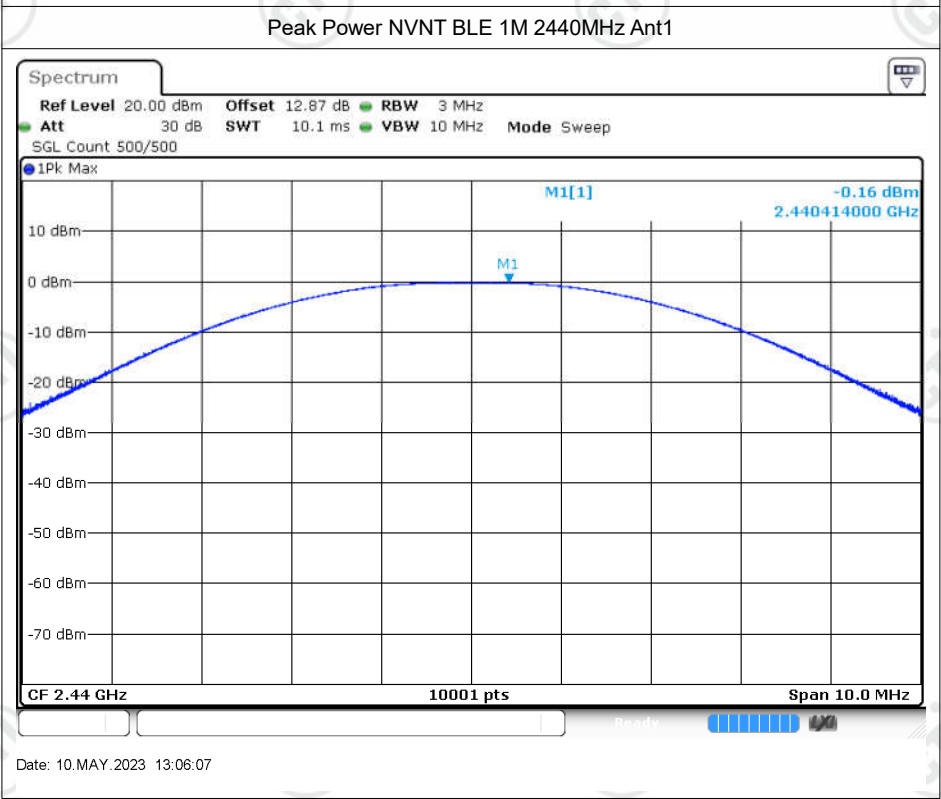
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Maximum Peak Conducted Output Power

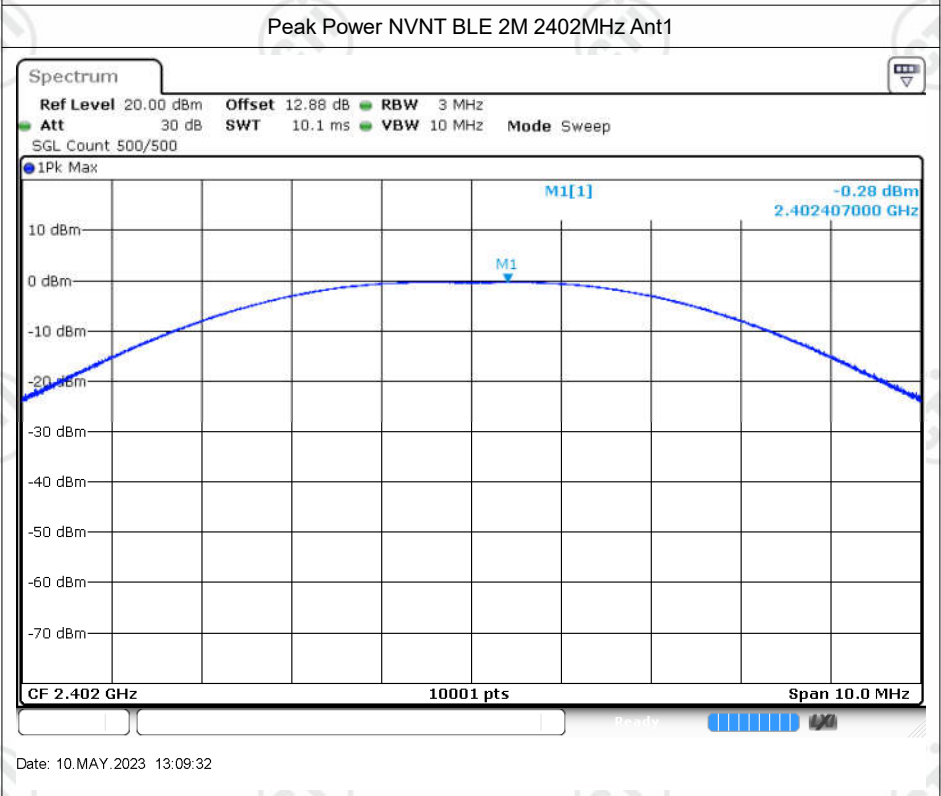
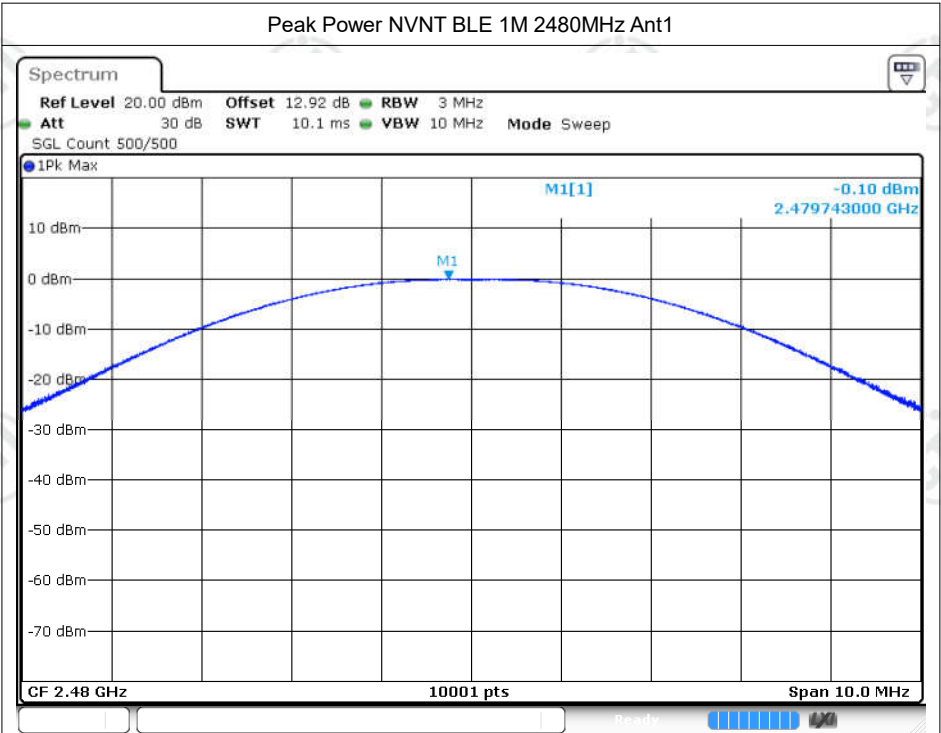
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.25	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.16	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.1	30	Pass
NVNT	BLE 2M	2402	Ant1	-0.28	30	Pass
NVNT	BLE 2M	2440	Ant1	-0.2	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.14	30	Pass

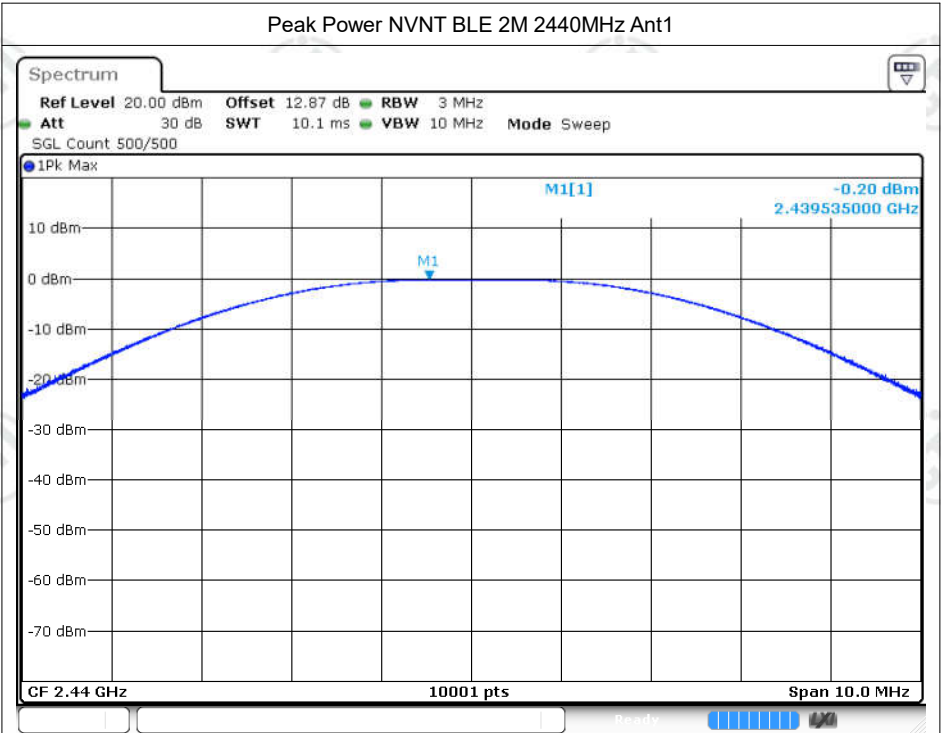


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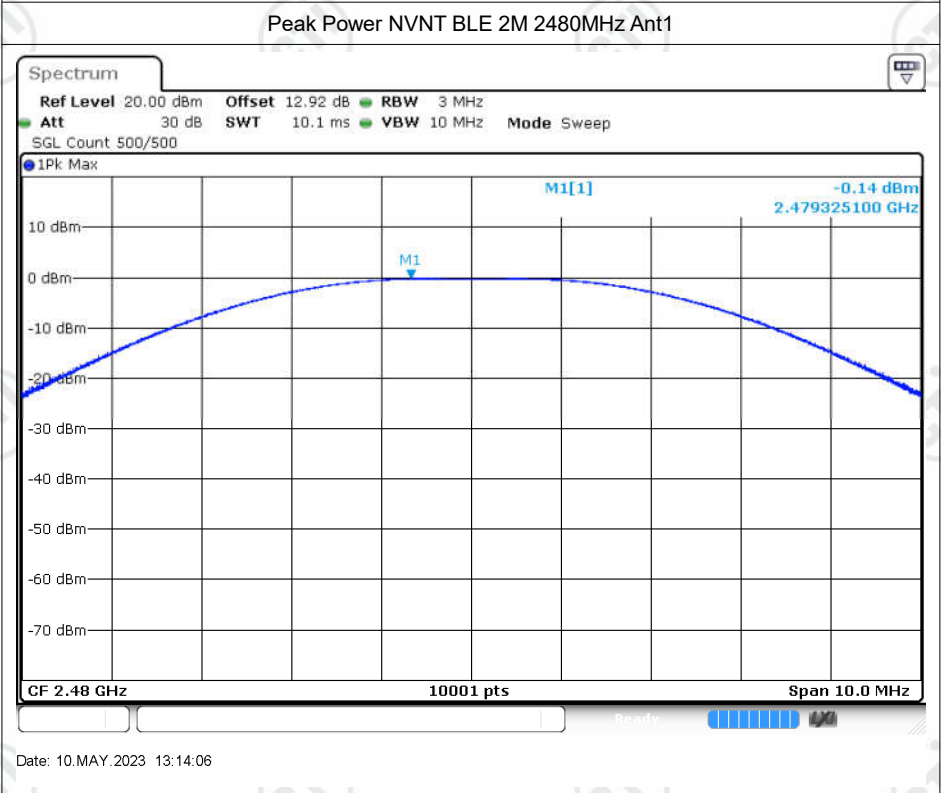


Date: 10.MAY.2023 13:06:07





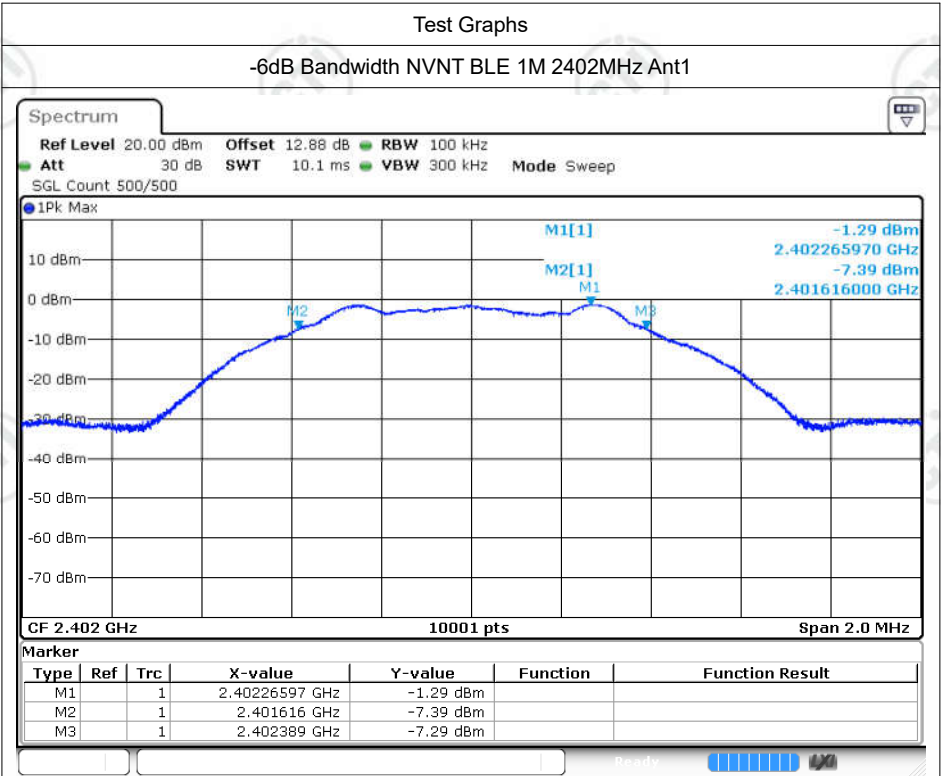
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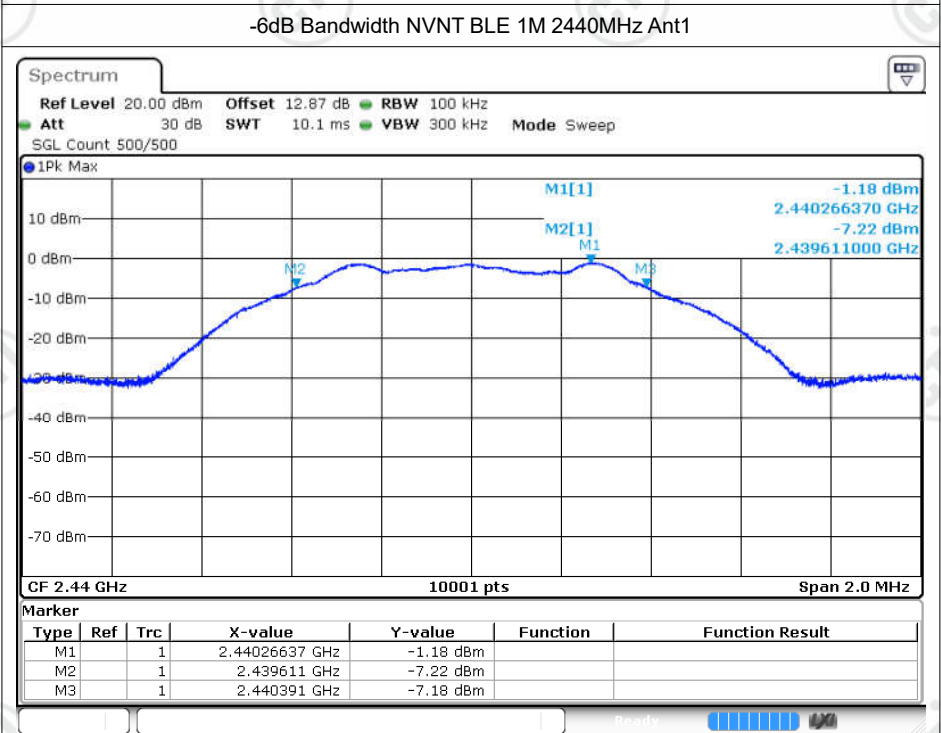
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-6dB Bandwidth

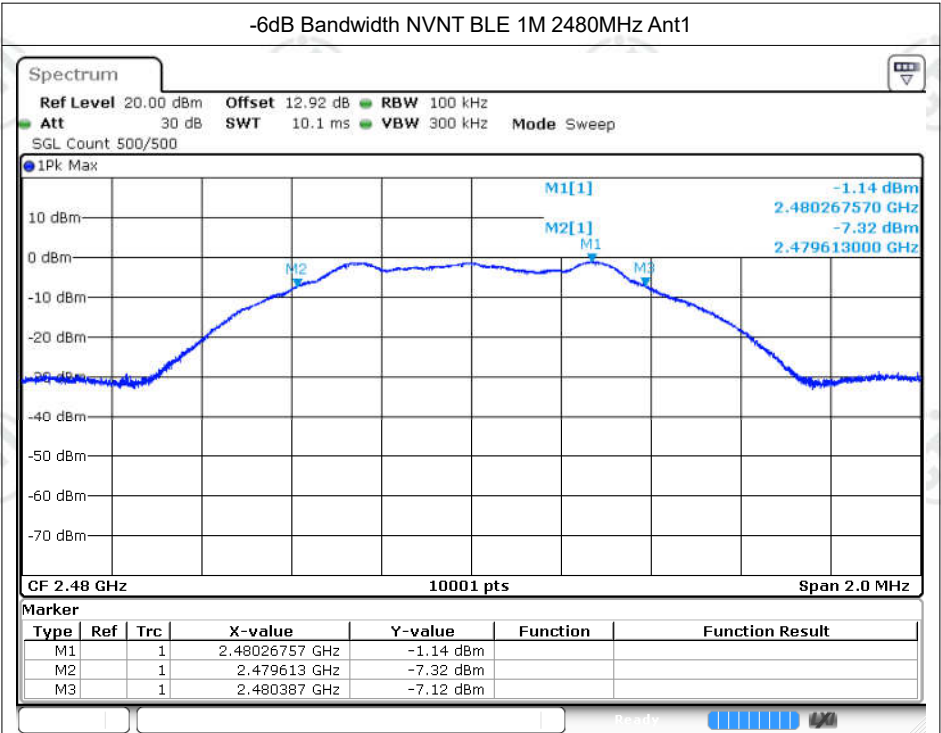
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.773	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.78	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.774	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.22	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.218	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.222	0.5	Pass



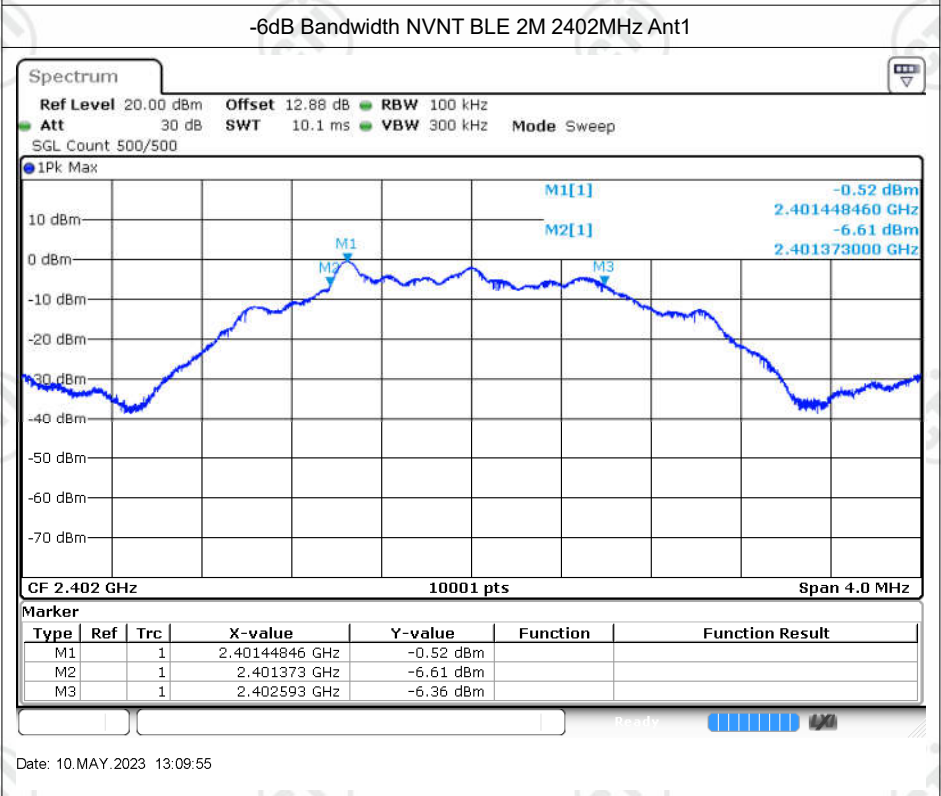
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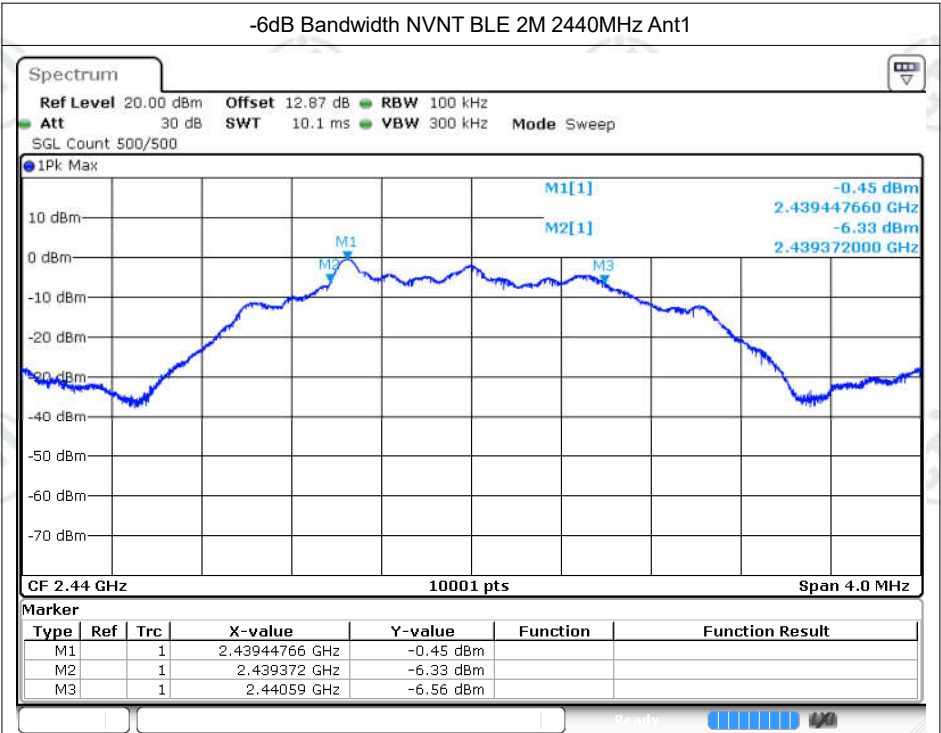
Date: 10.MAY.2023 13:06:29



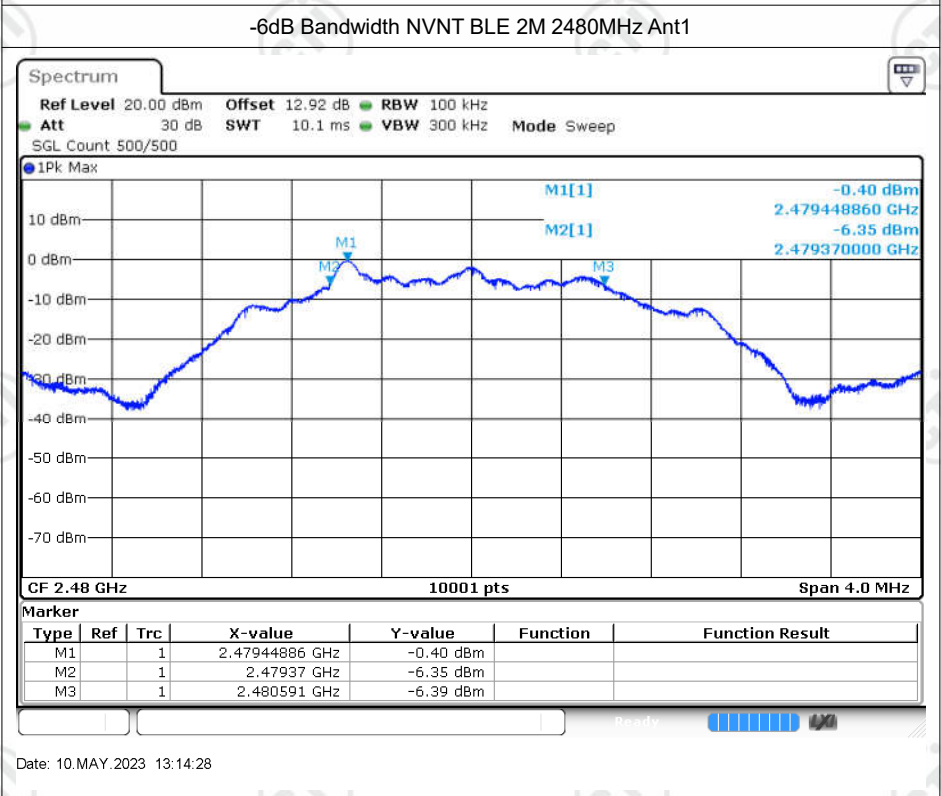
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Date: 10.MAY.2023 13:09:55



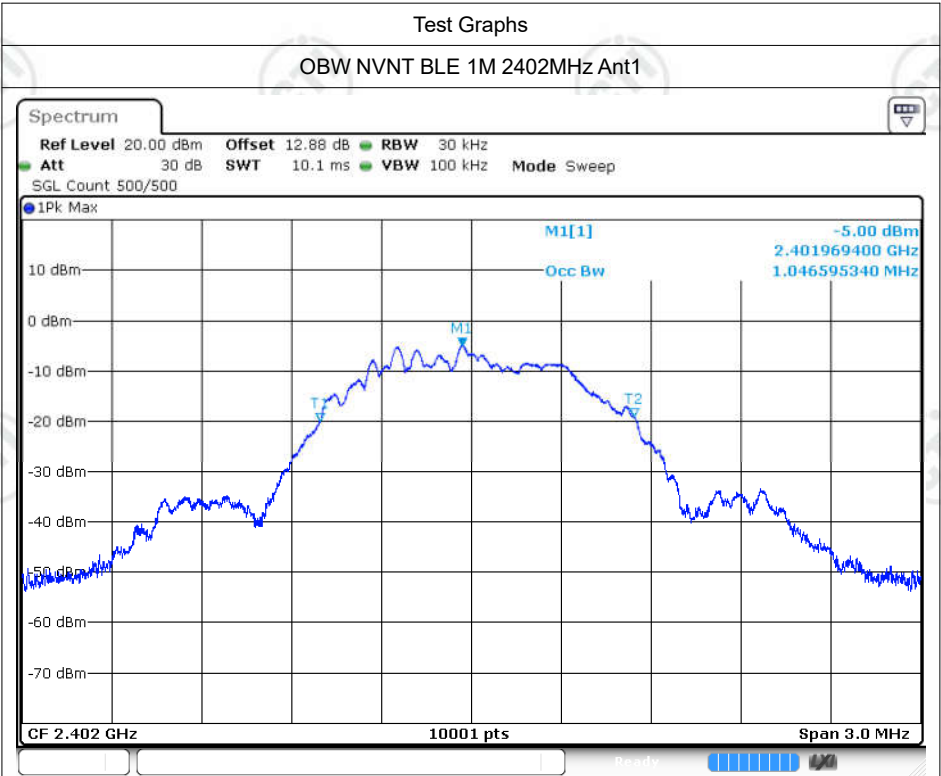
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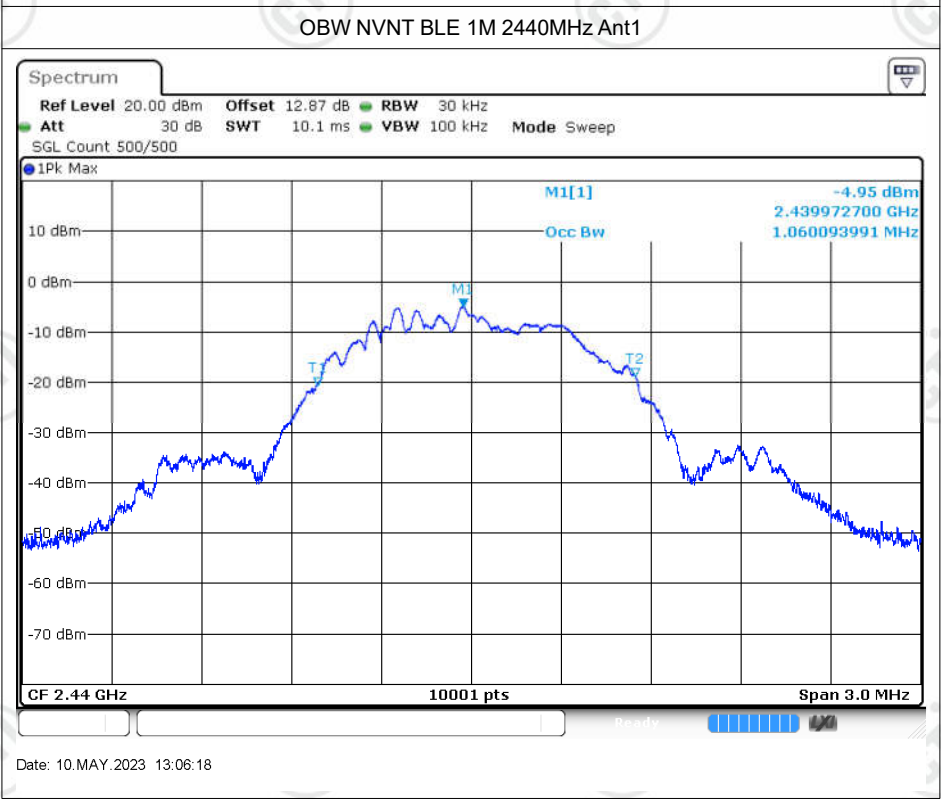
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Occupied Channel Bandwidth

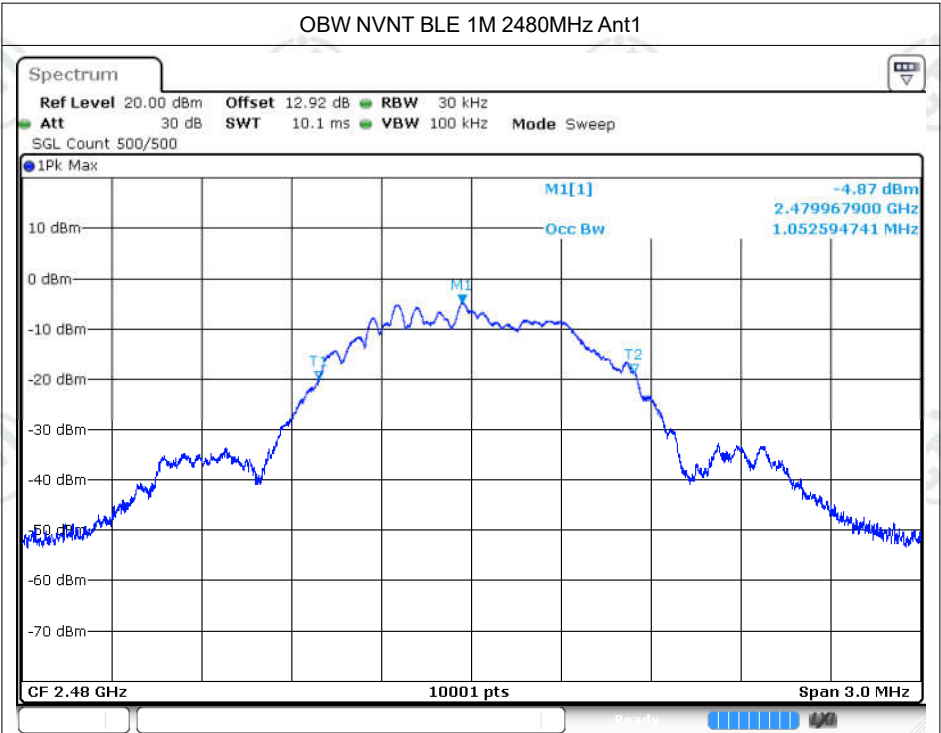
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.047
NVNT	BLE 1M	2440	Ant1	1.06
NVNT	BLE 1M	2480	Ant1	1.053
NVNT	BLE 2M	2402	Ant1	2.113
NVNT	BLE 2M	2440	Ant1	2.137
NVNT	BLE 2M	2480	Ant1	2.126



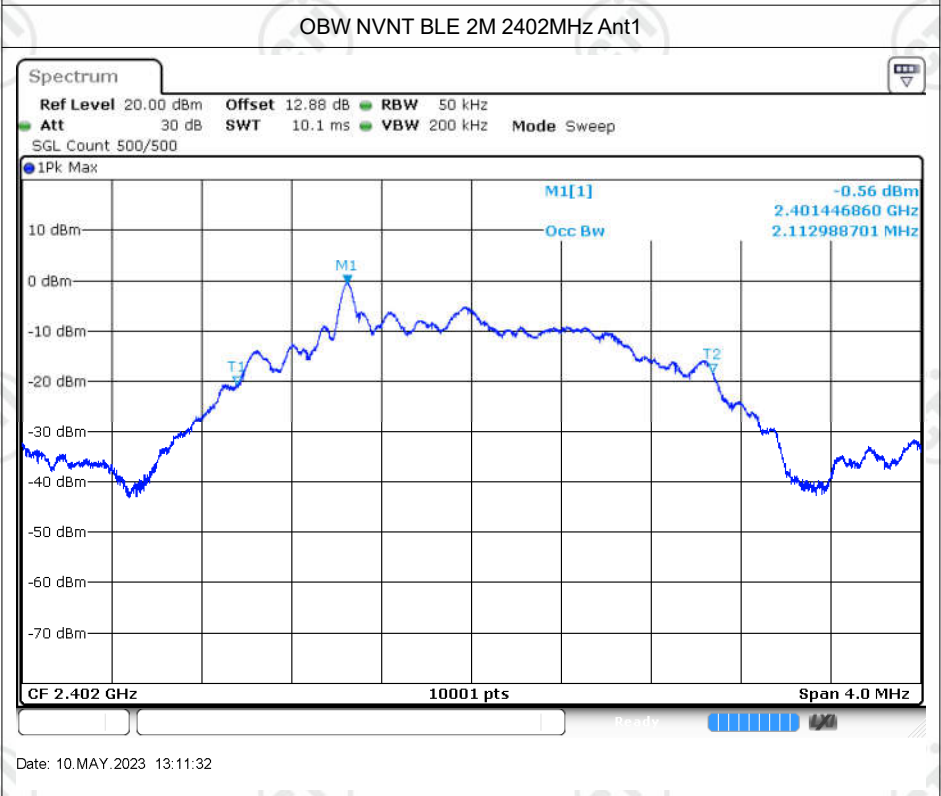
Date: 10.MAY.2023 13:04:29



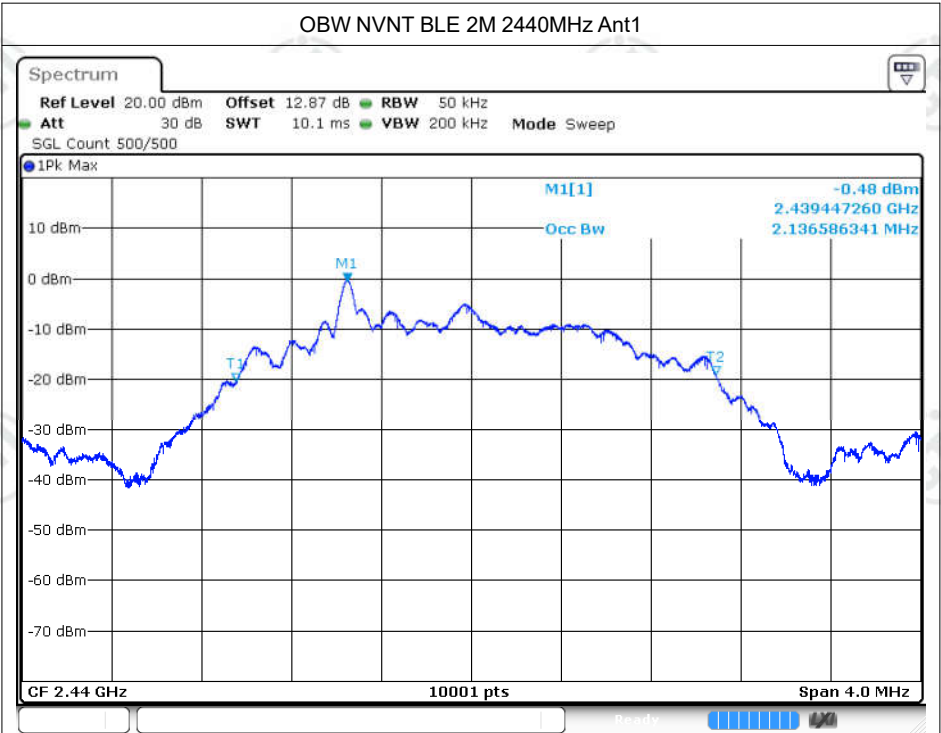
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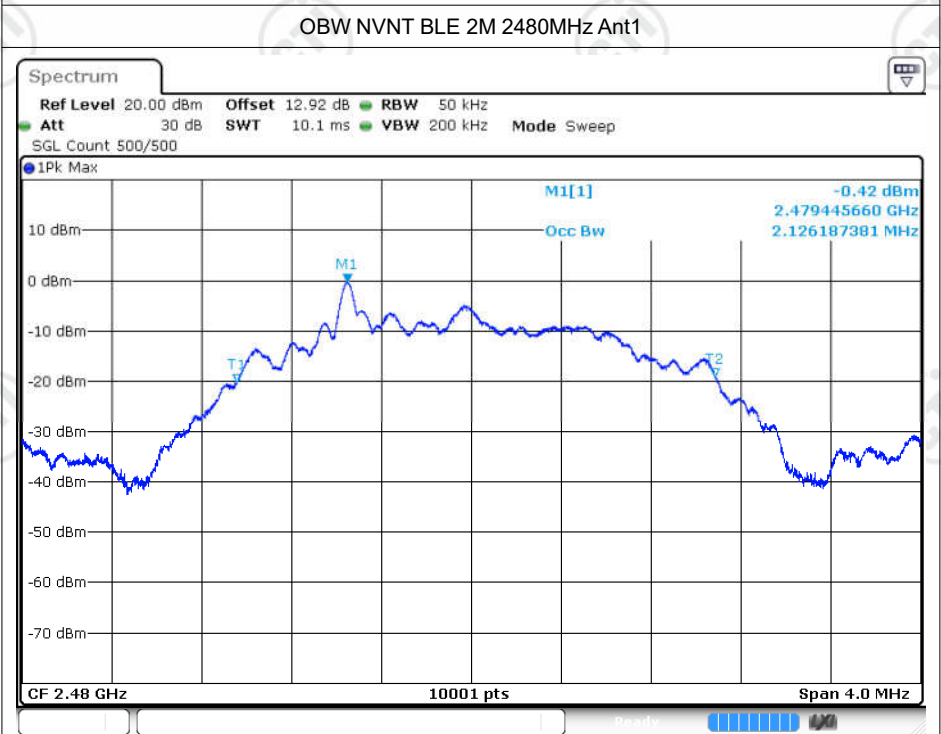
Date: 10.MAY.2023 13:07:53



Date: 10.MAY.2023 13:11:32



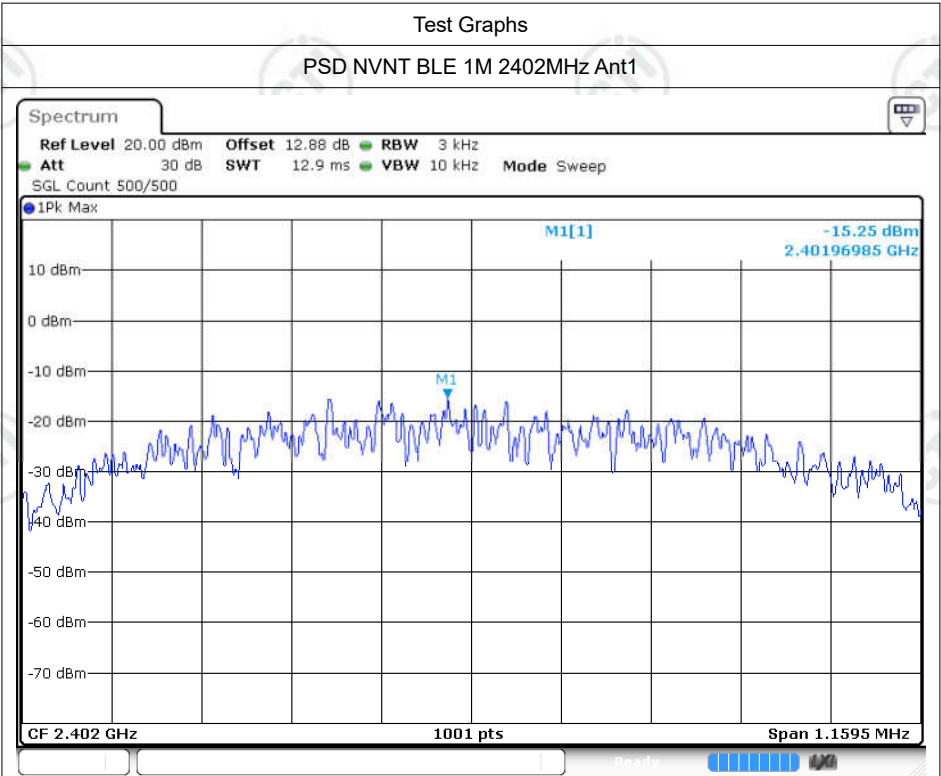
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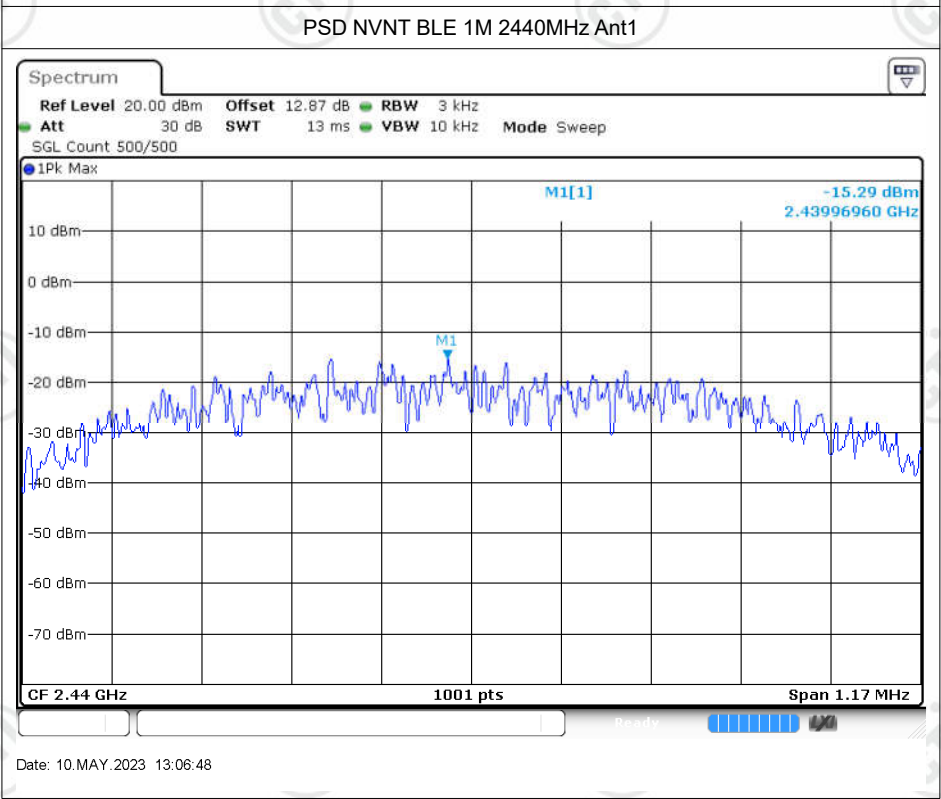
Date: 10.MAY.2023 13:14:17

Maximum Power Spectral Density Level

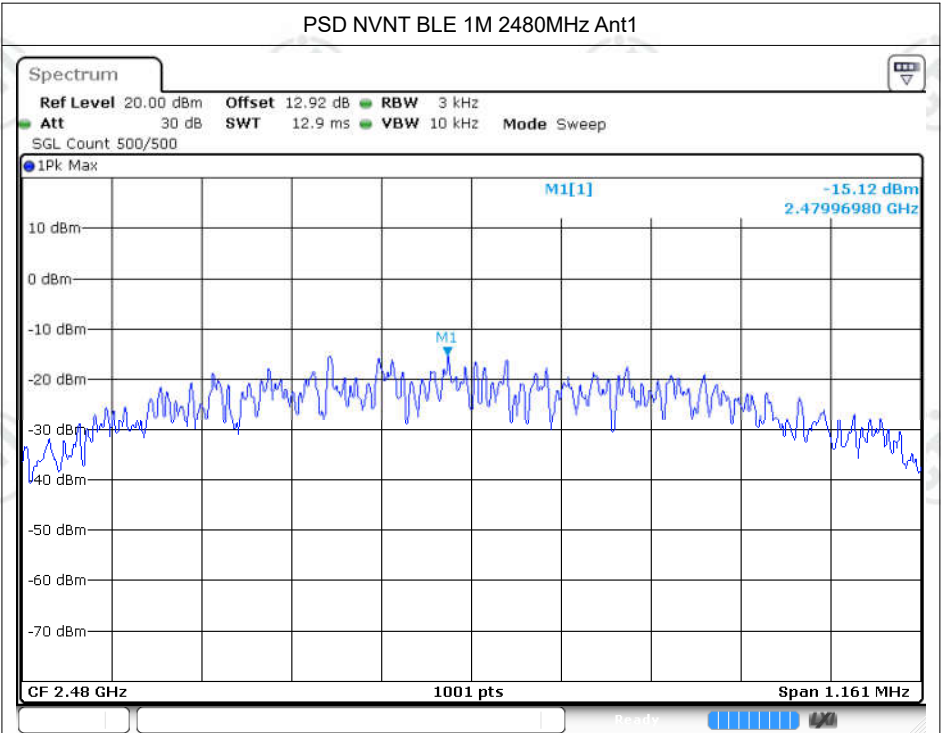
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-15.25	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.29	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.12	8	Pass
NVNT	BLE 2M	2402	Ant1	-14.21	8	Pass
NVNT	BLE 2M	2440	Ant1	-14.09	8	Pass
NVNT	BLE 2M	2480	Ant1	-14	8	Pass



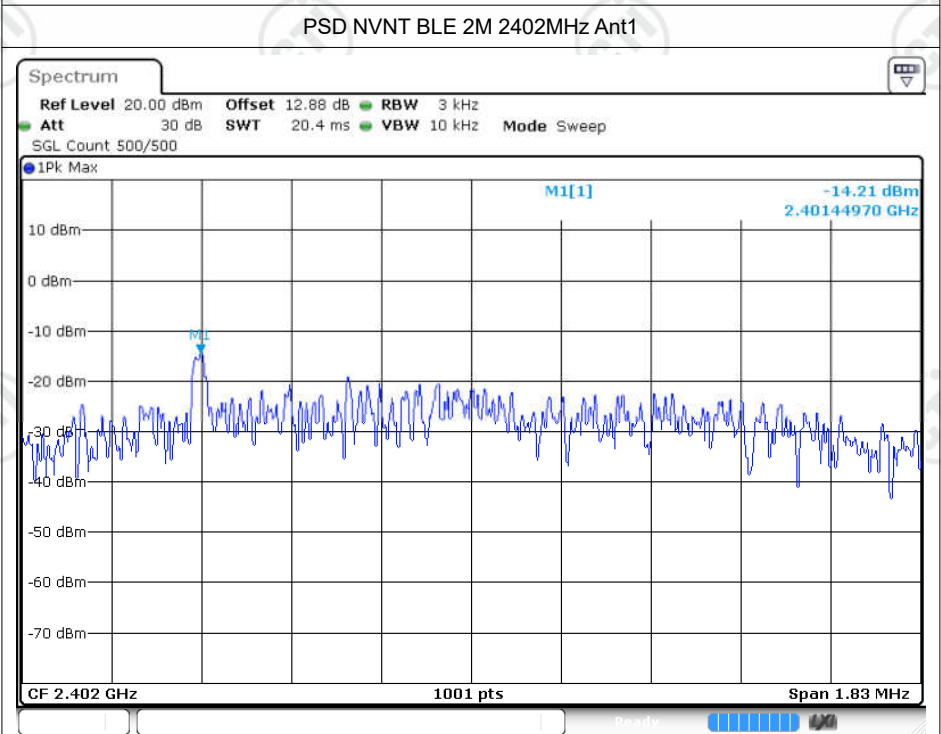
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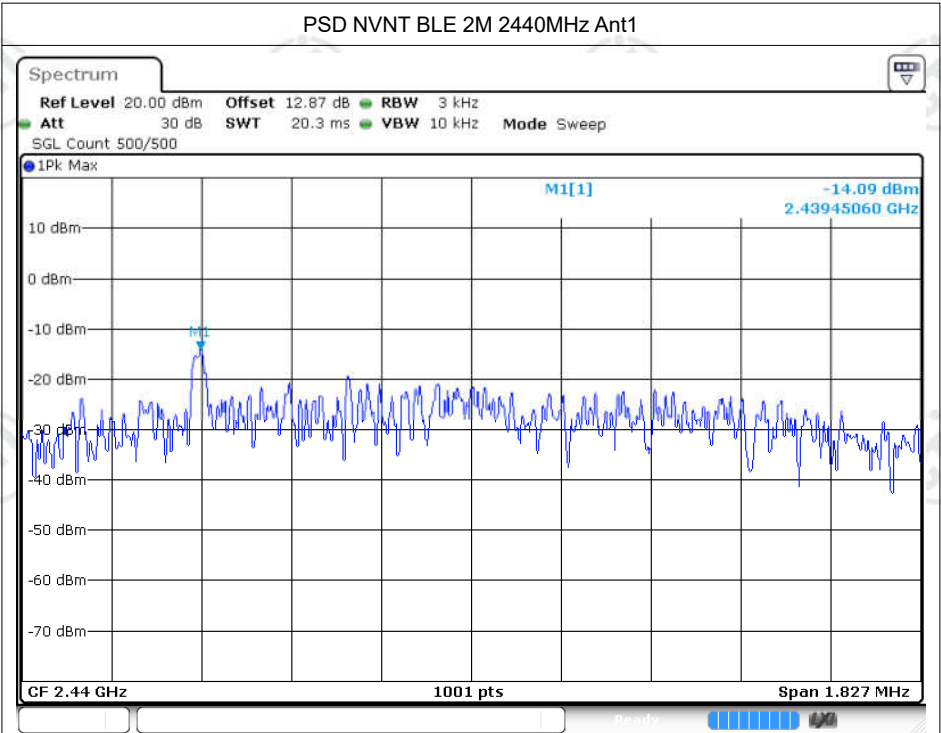
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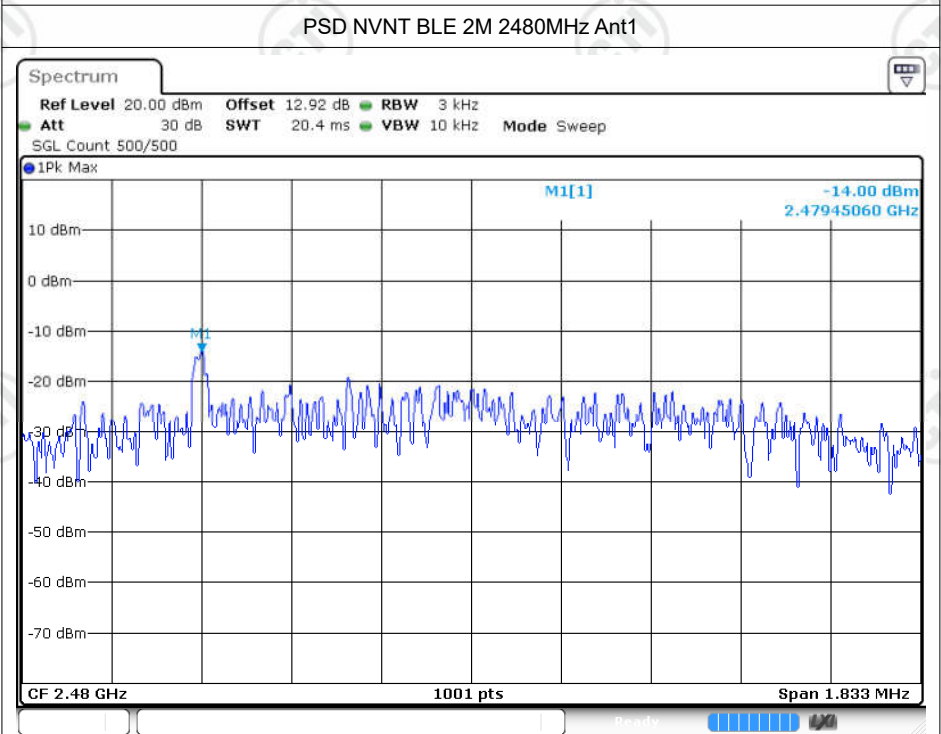
Date: 10.MAY.2023 13:08:22



Date: 10.MAY.2023 13:10:17



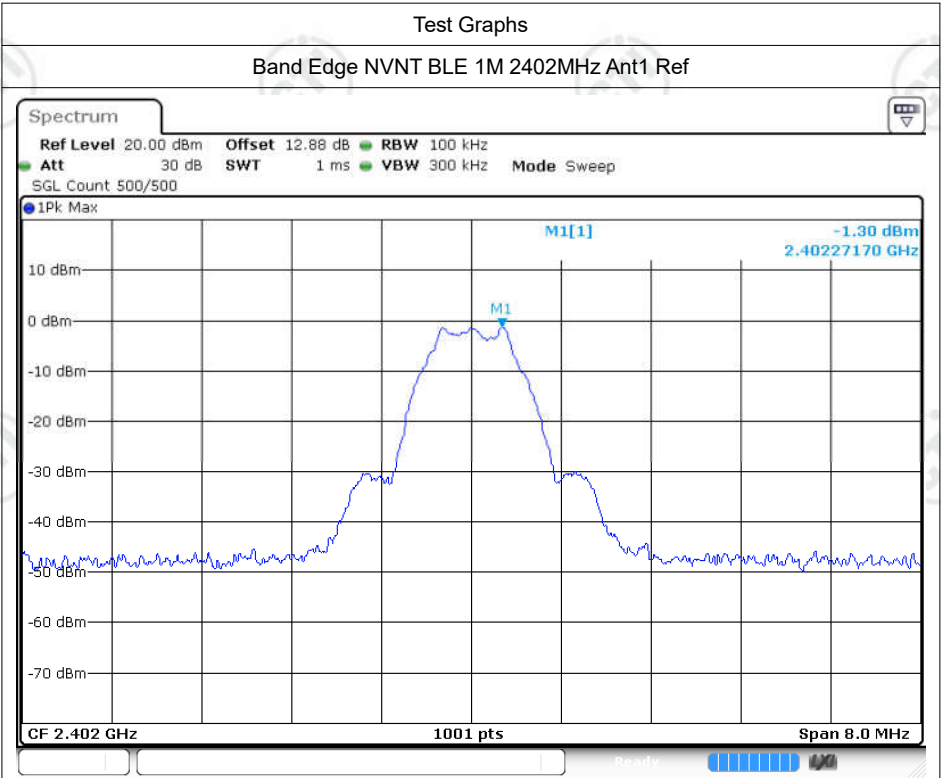
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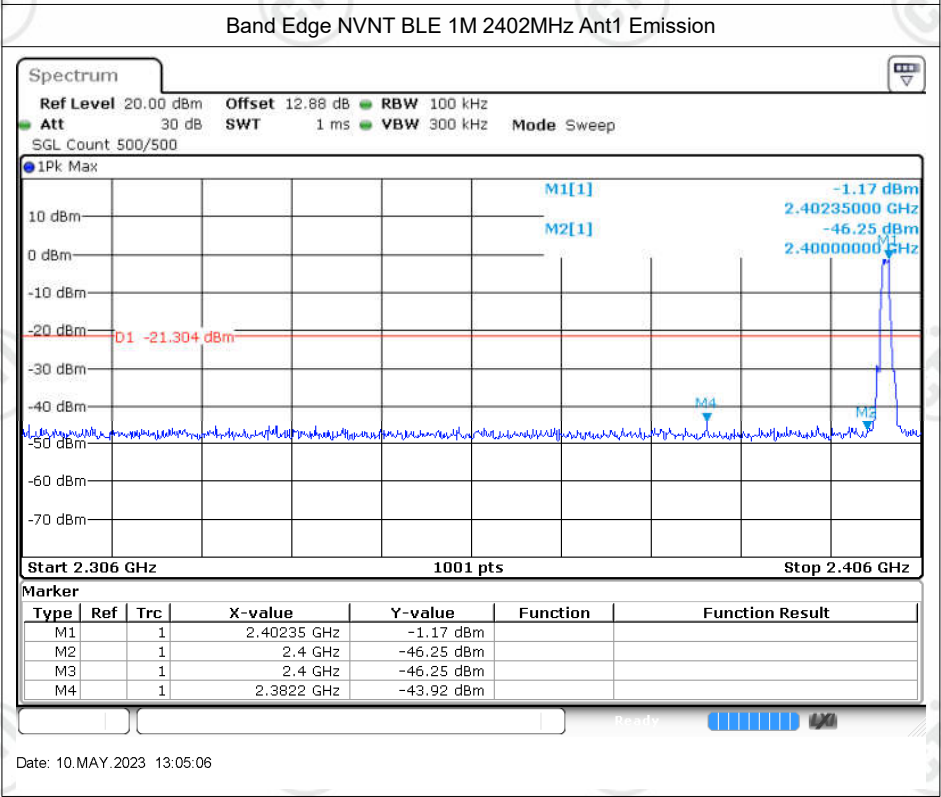
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Band Edge

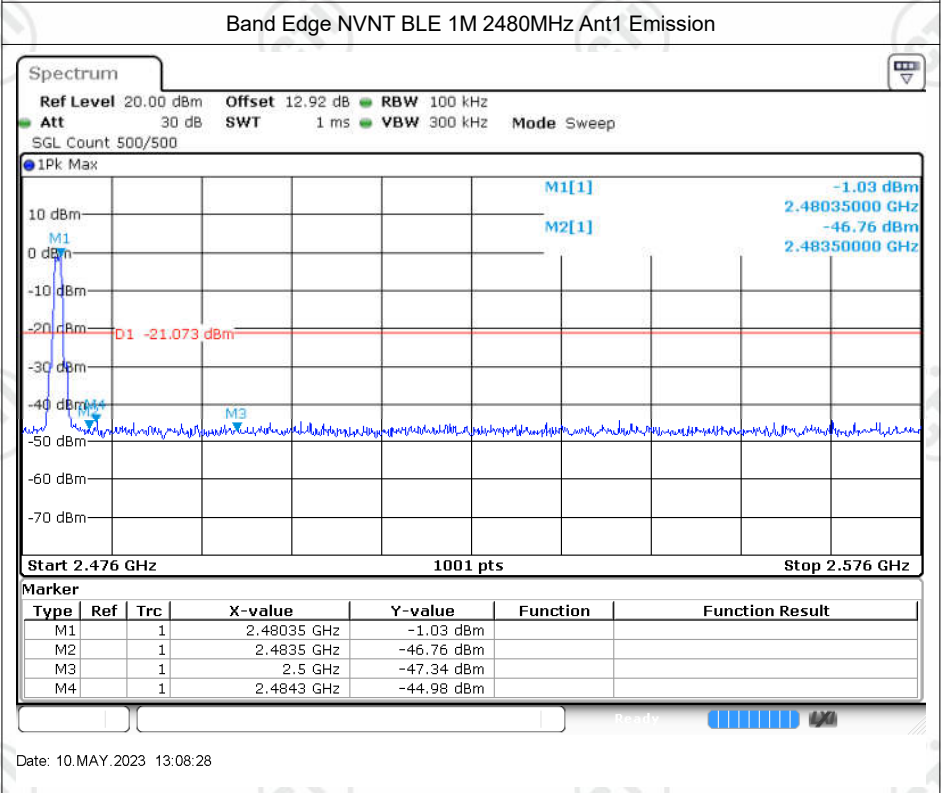
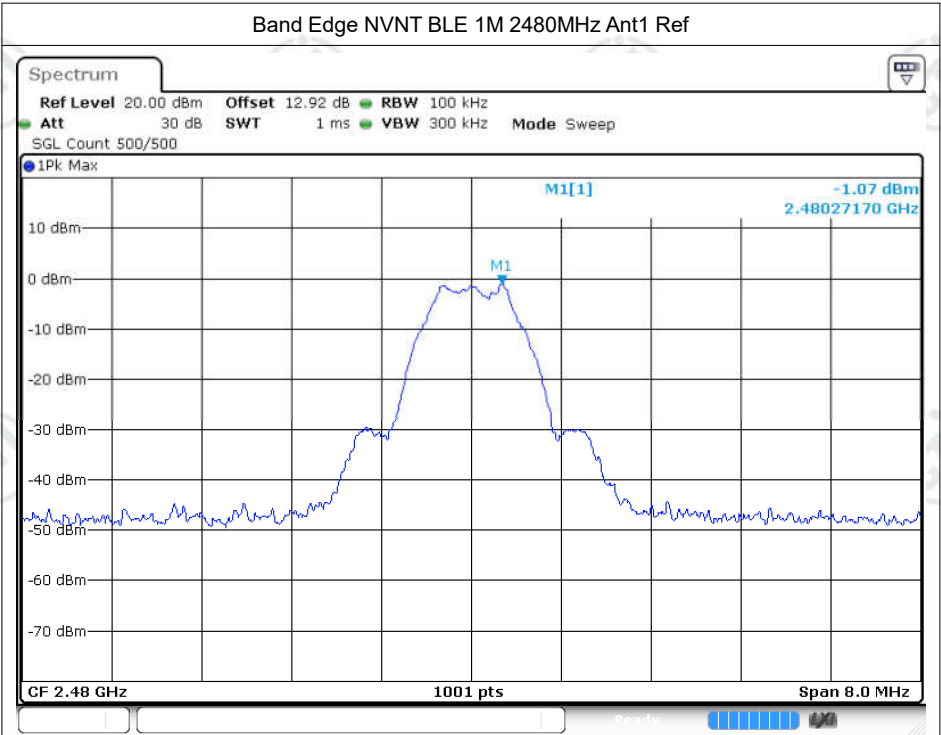
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-42.61	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.91	-20	Pass
NVNT	BLE 2M	2402	Ant1	-31.64	-20	Pass
NVNT	BLE 2M	2480	Ant1	-44.85	-20	Pass

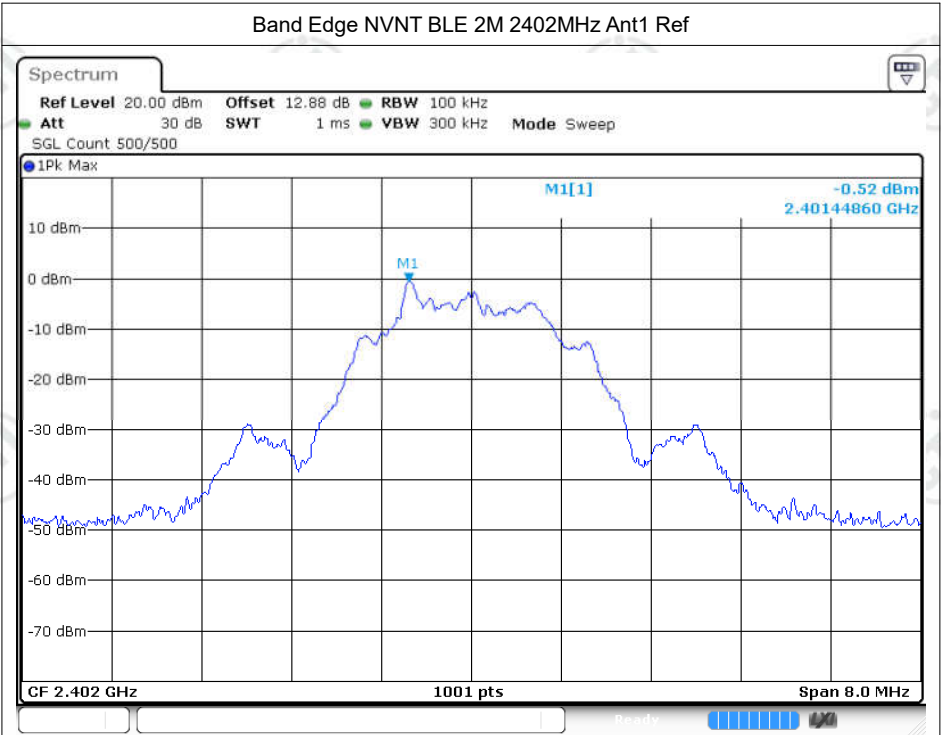


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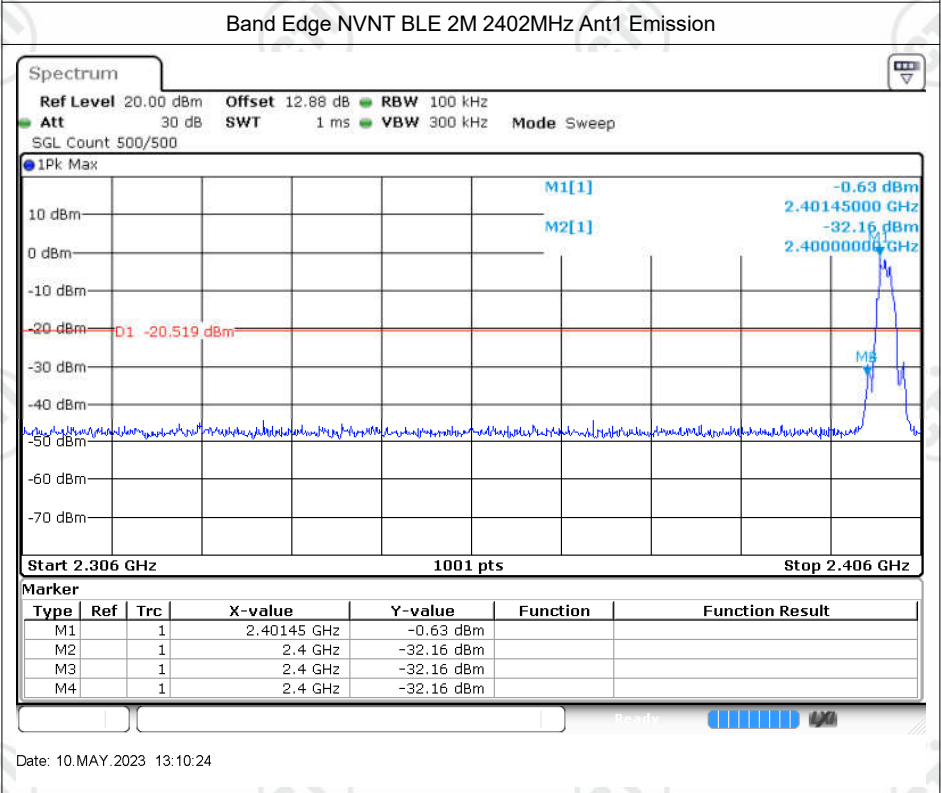


Date: 10.MAY.2023 13:05:06

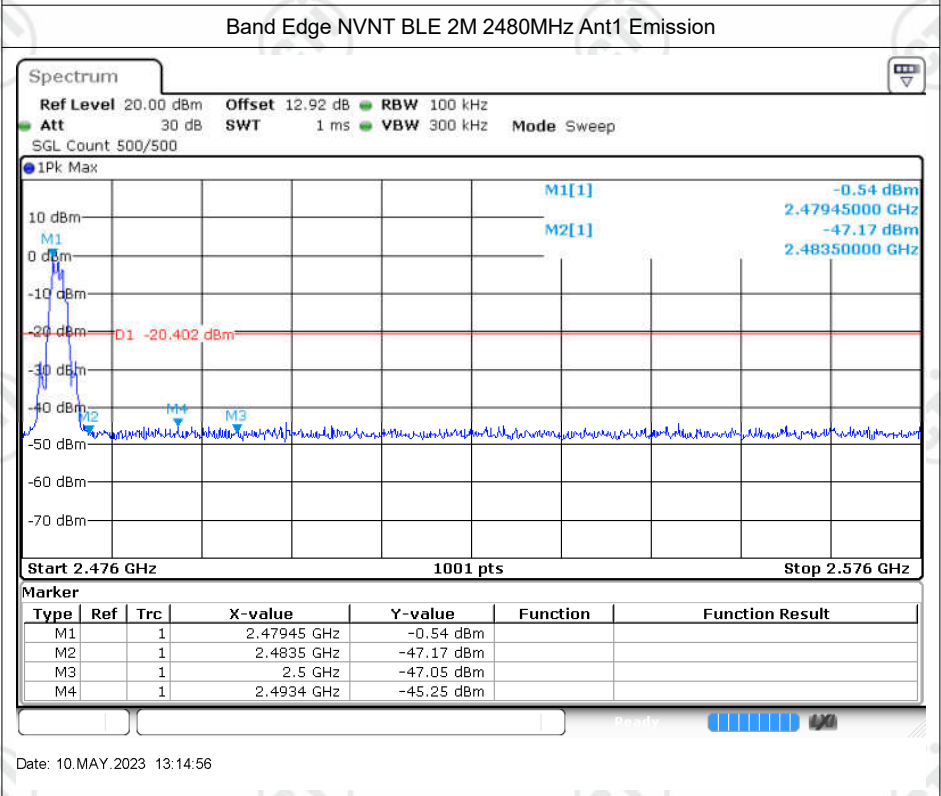
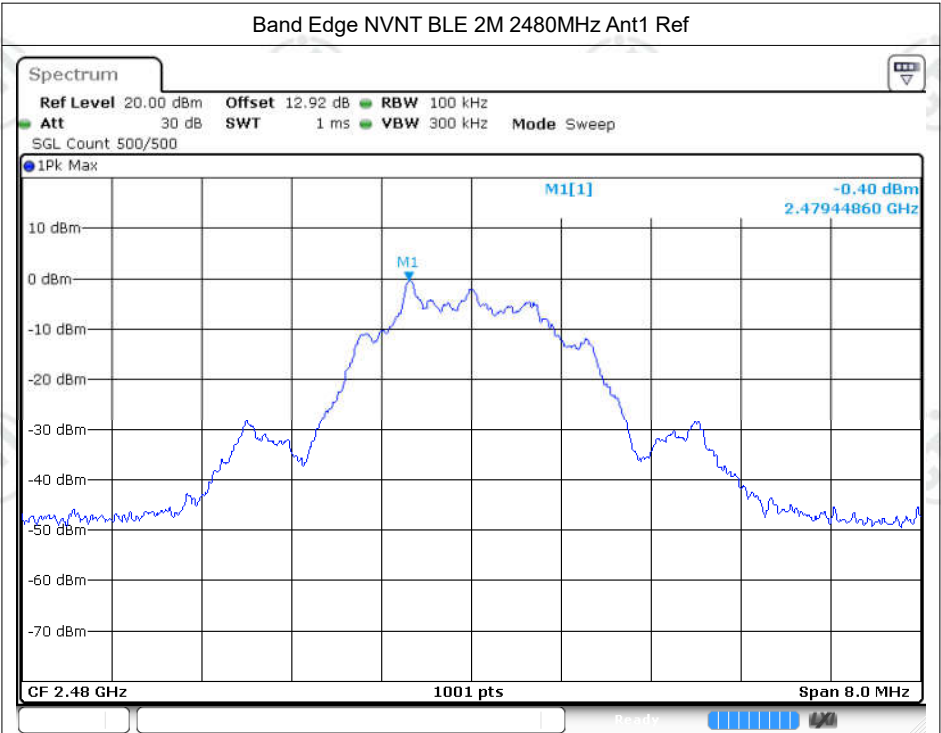




Date: 10.MAY.2023 13:10:20

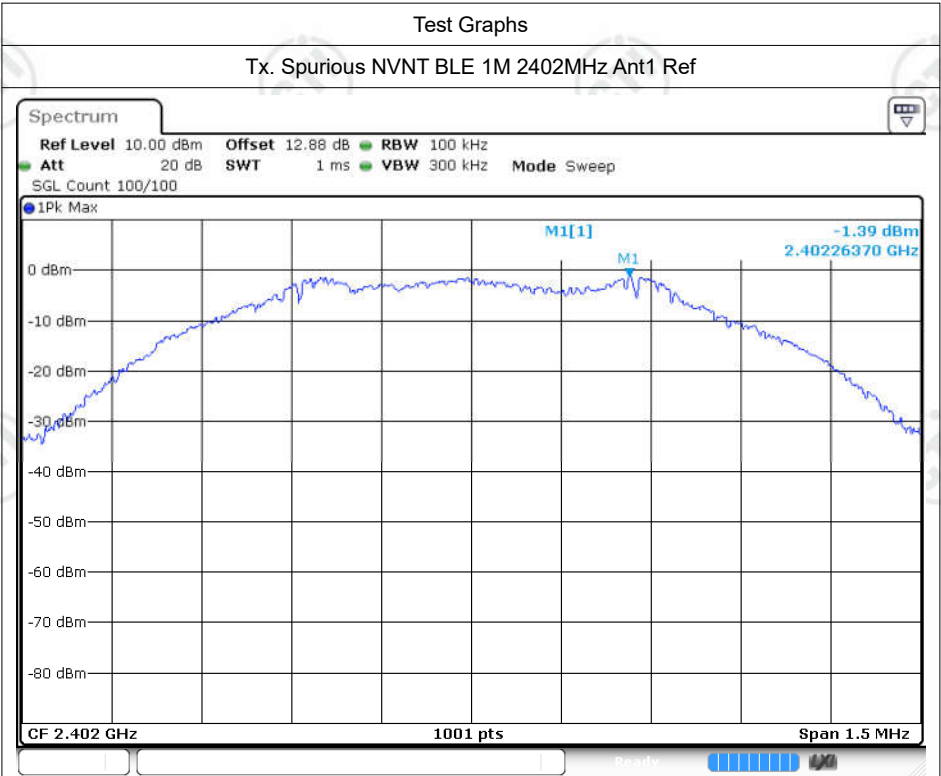


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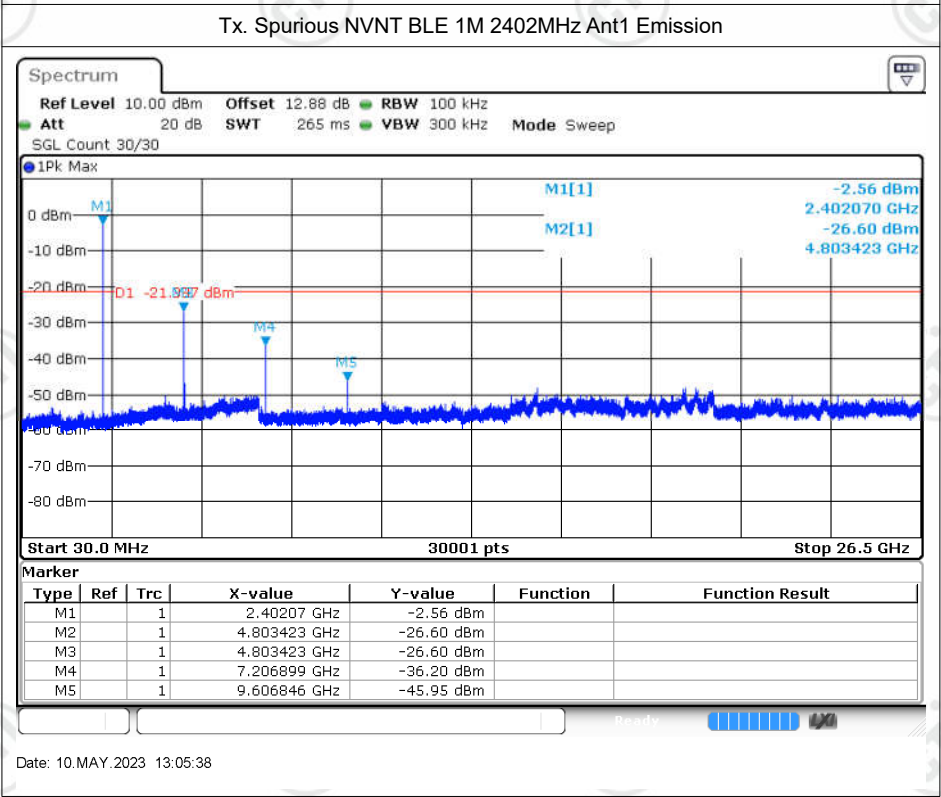


Conducted RF Spurious Emission

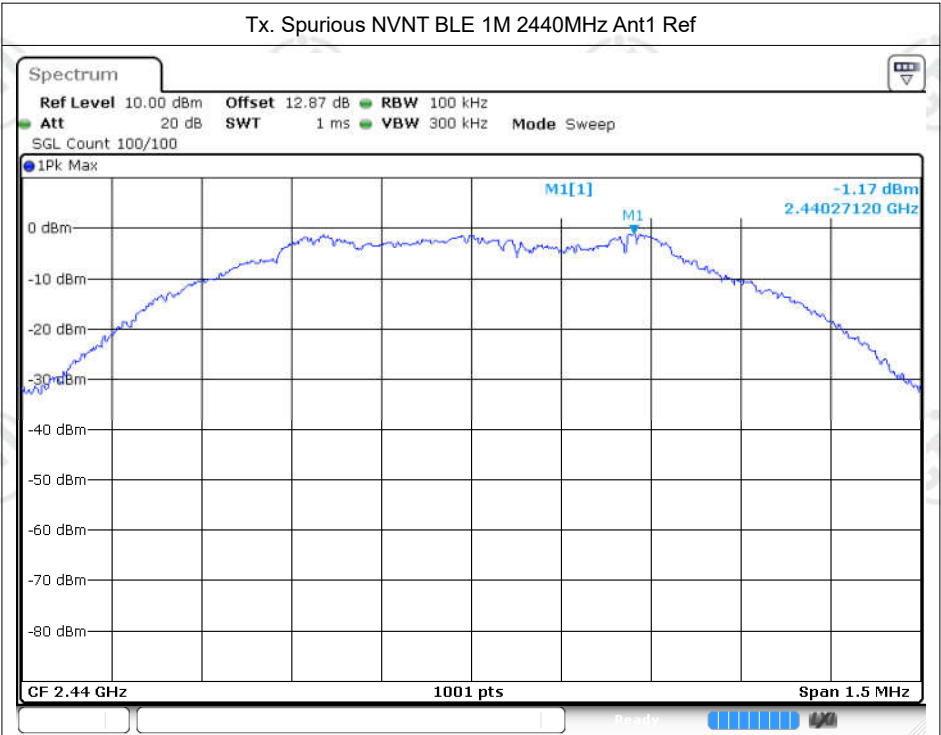
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-25.21	-20	Pass
NVNT	BLE 1M	2440	Ant1	-31.76	-20	Pass
NVNT	BLE 1M	2480	Ant1	-35.62	-20	Pass
NVNT	BLE 2M	2402	Ant1	-25.96	-20	Pass
NVNT	BLE 2M	2440	Ant1	-32.11	-20	Pass
NVNT	BLE 2M	2480	Ant1	-37.15	-20	Pass



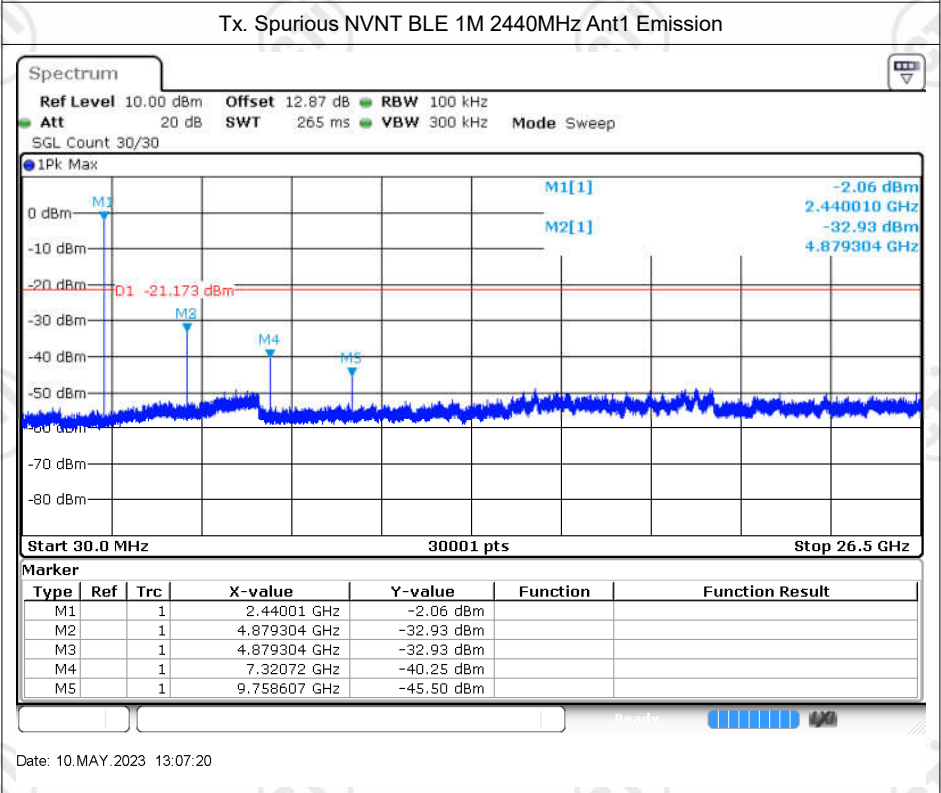
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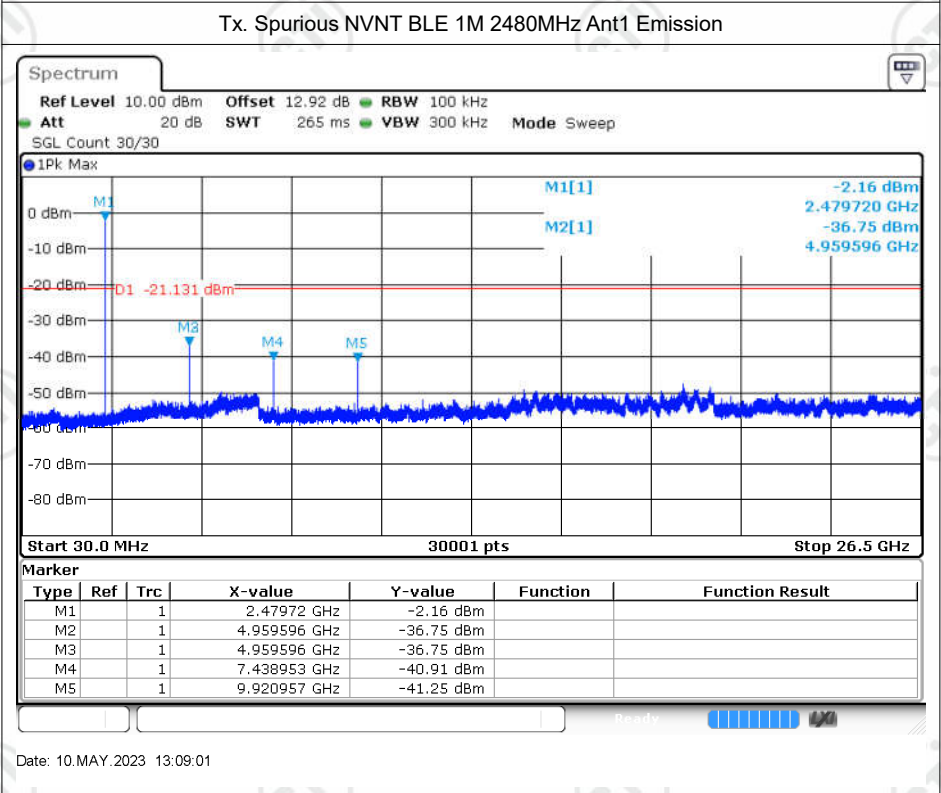
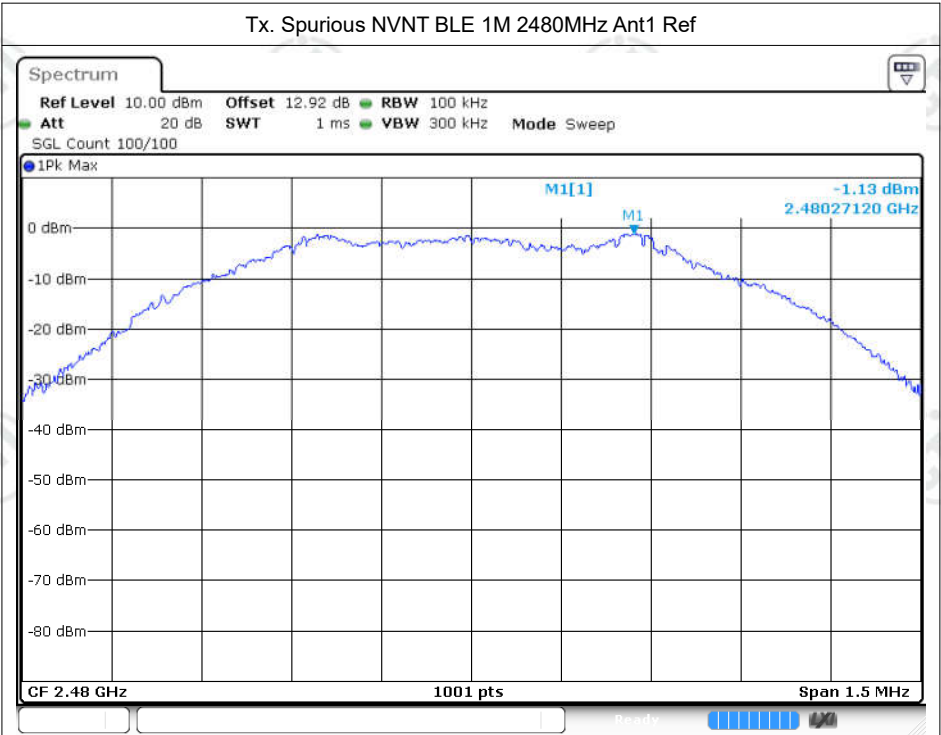
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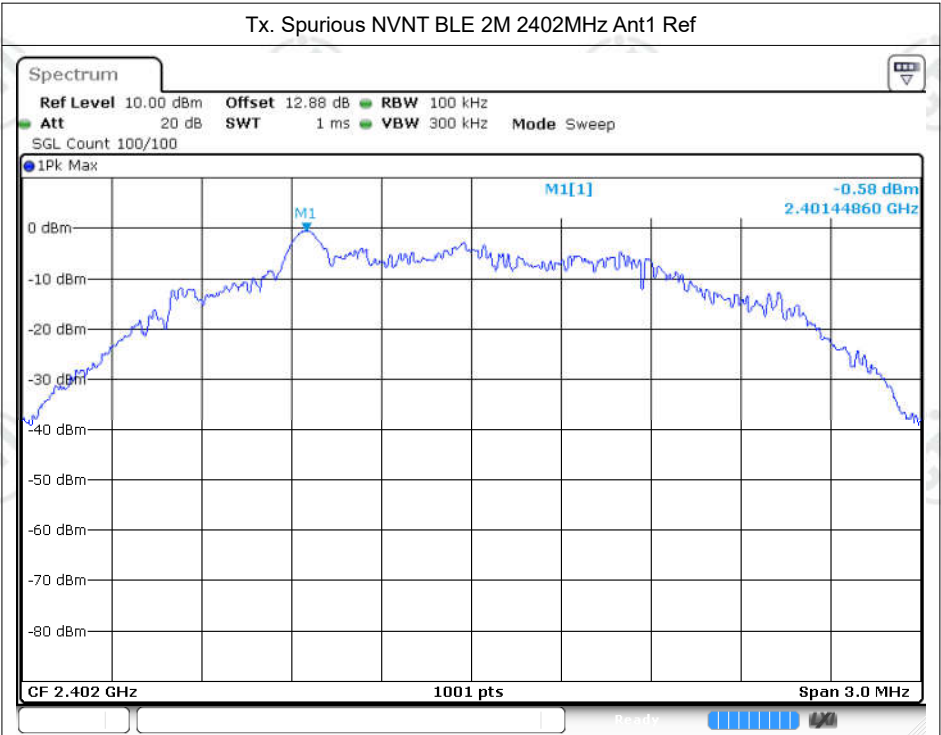


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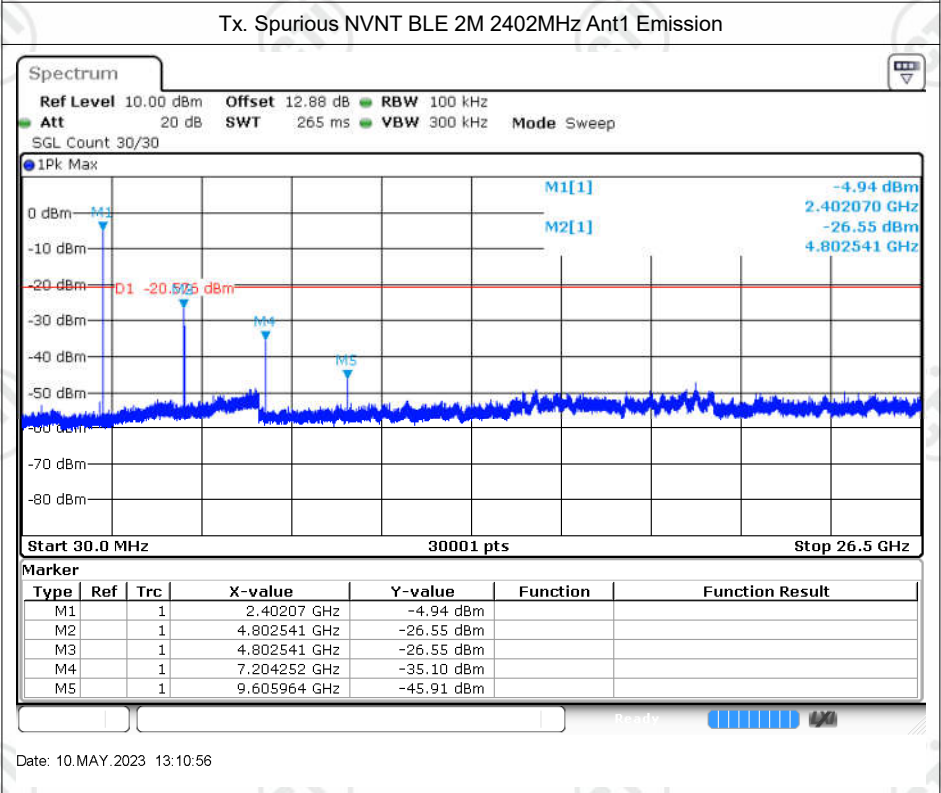


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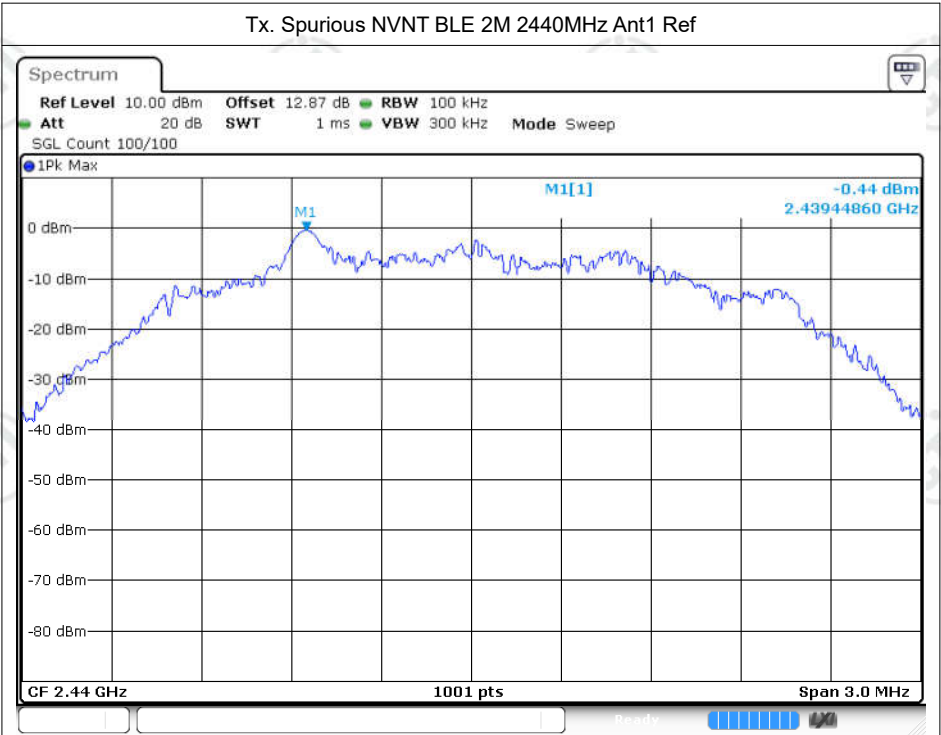




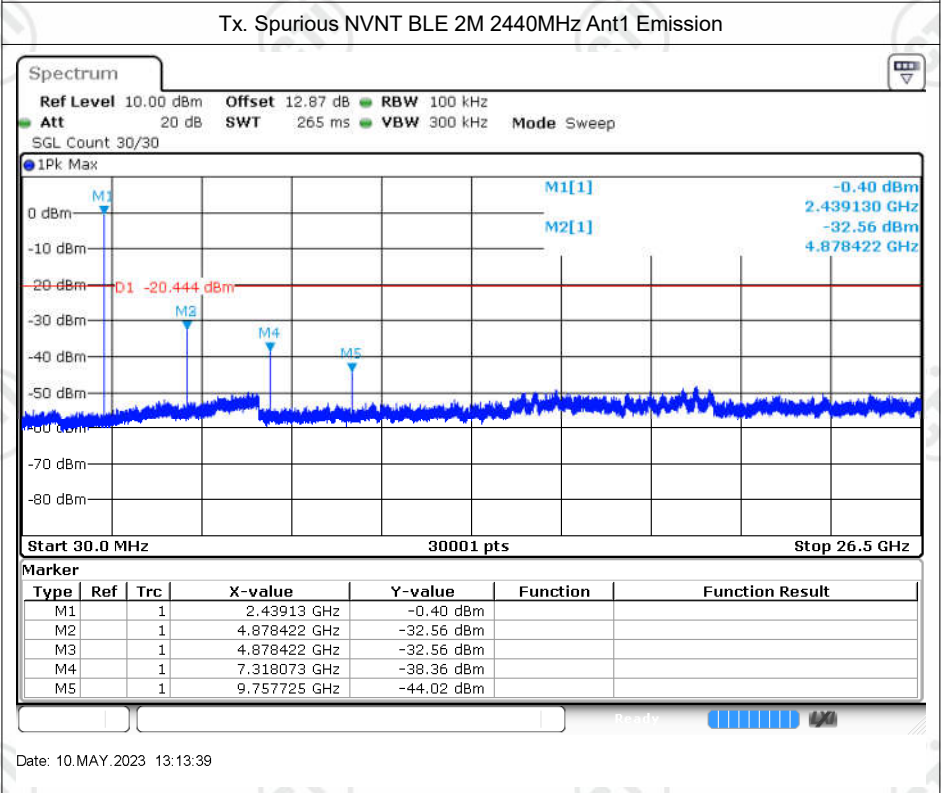
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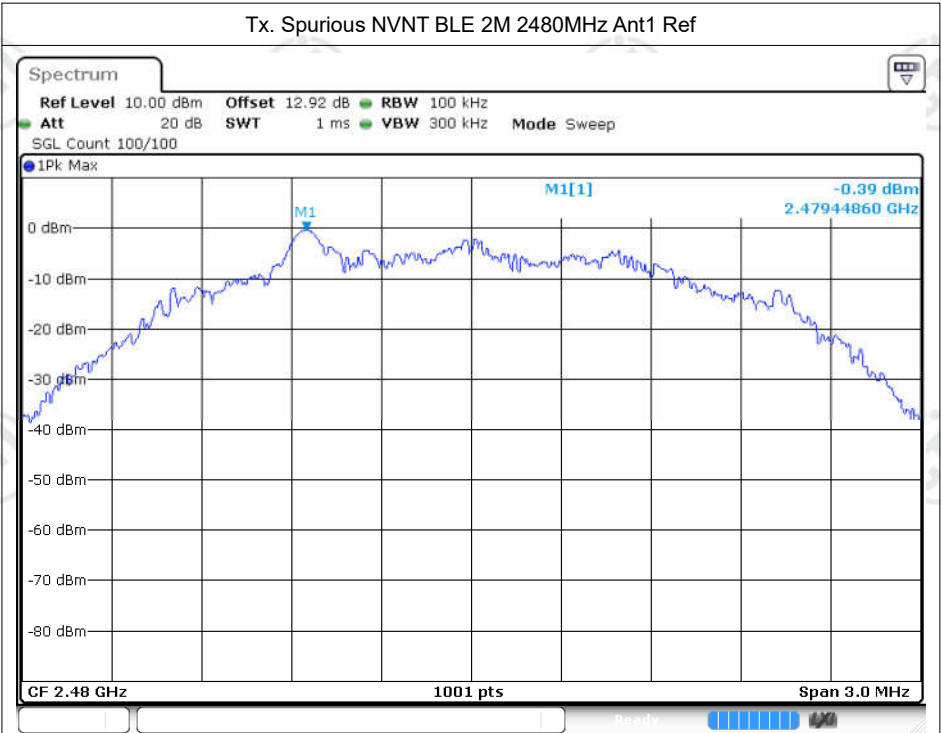
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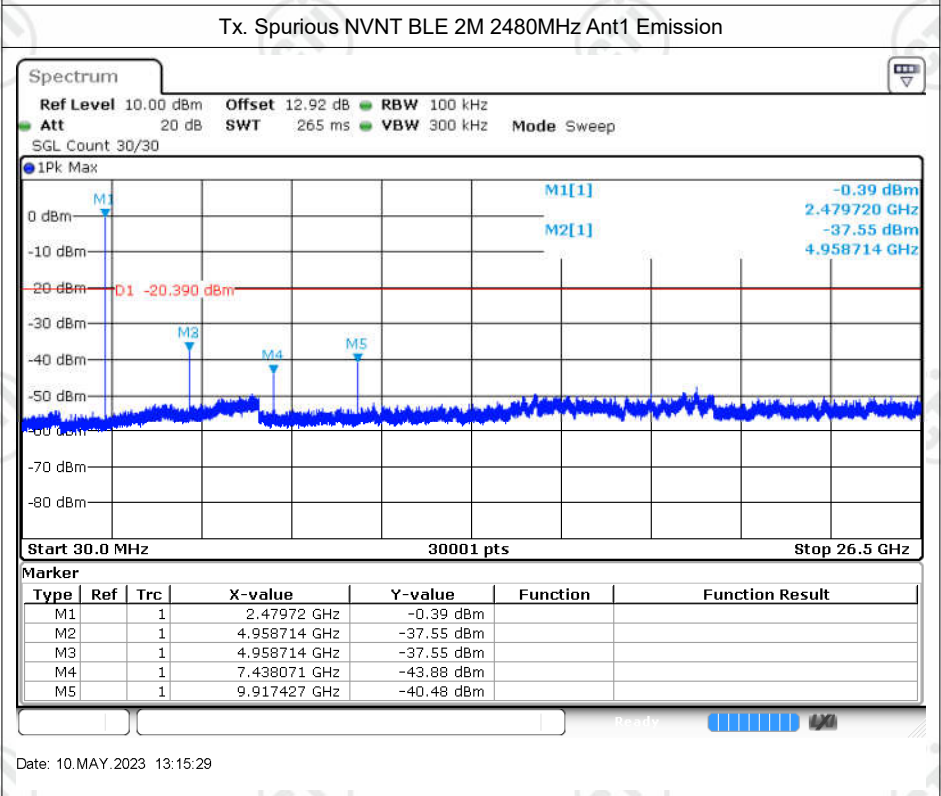
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Date: 10.MAY.2023 13:13:39



Date: 10.MAY.2023 13:14:59



Date: 10.MAY.2023 13:15:29

*** End of Report ***