

Appendix: Bluetooth LE

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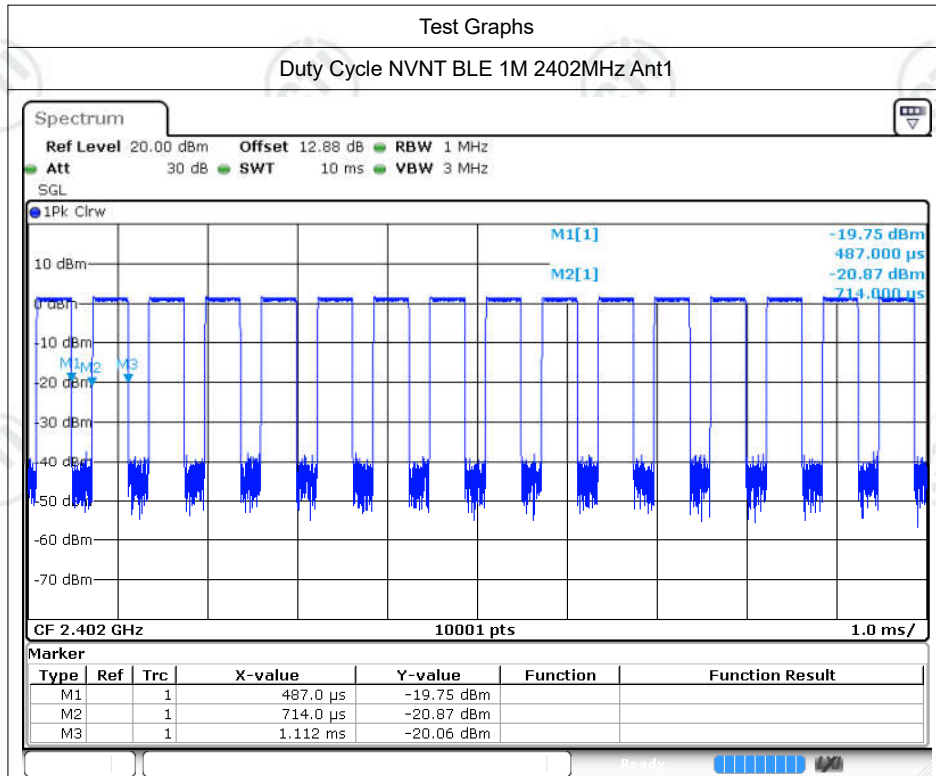
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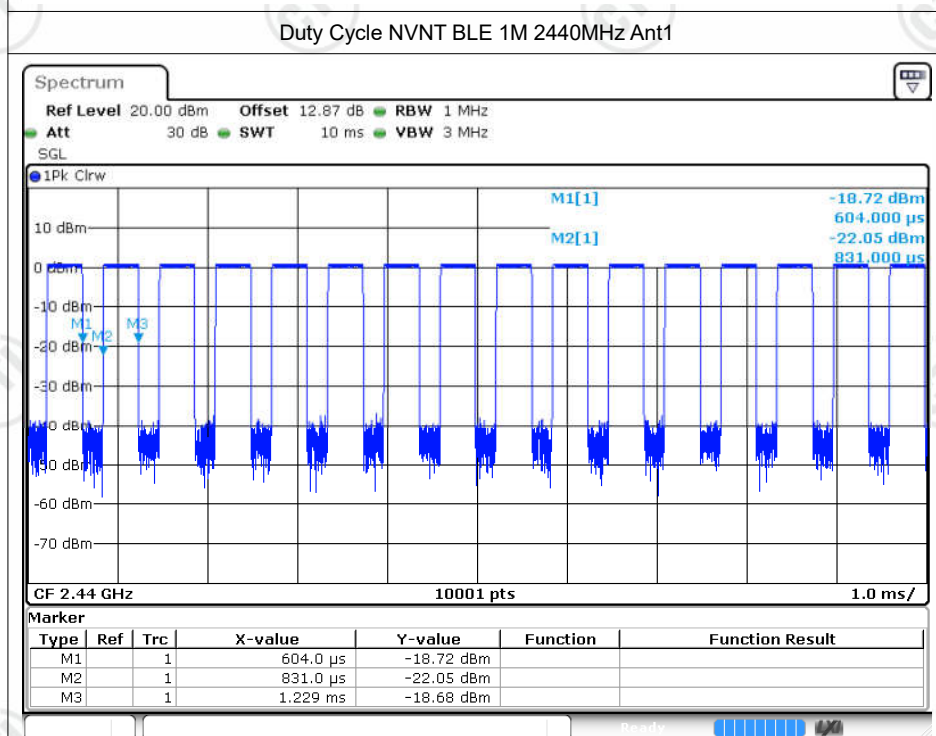
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Duty Cycle

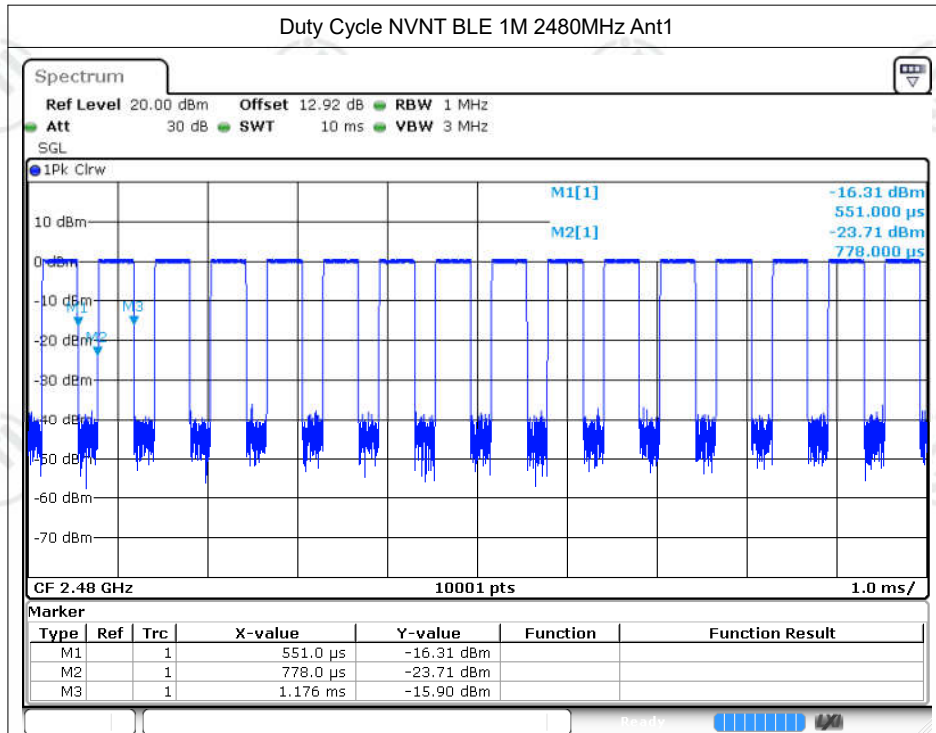
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	63.68	1.96	2.51
NVNT	BLE 1M	2440	Ant1	63.68	1.96	2.51
NVNT	BLE 1M	2480	Ant1	63.68	1.96	2.51
NVNT	BLE 2M	2402	Ant1	34	4.69	4.71
NVNT	BLE 2M	2440	Ant1	33.92	4.7	4.72
NVNT	BLE 2M	2480	Ant1	34	4.69	4.71



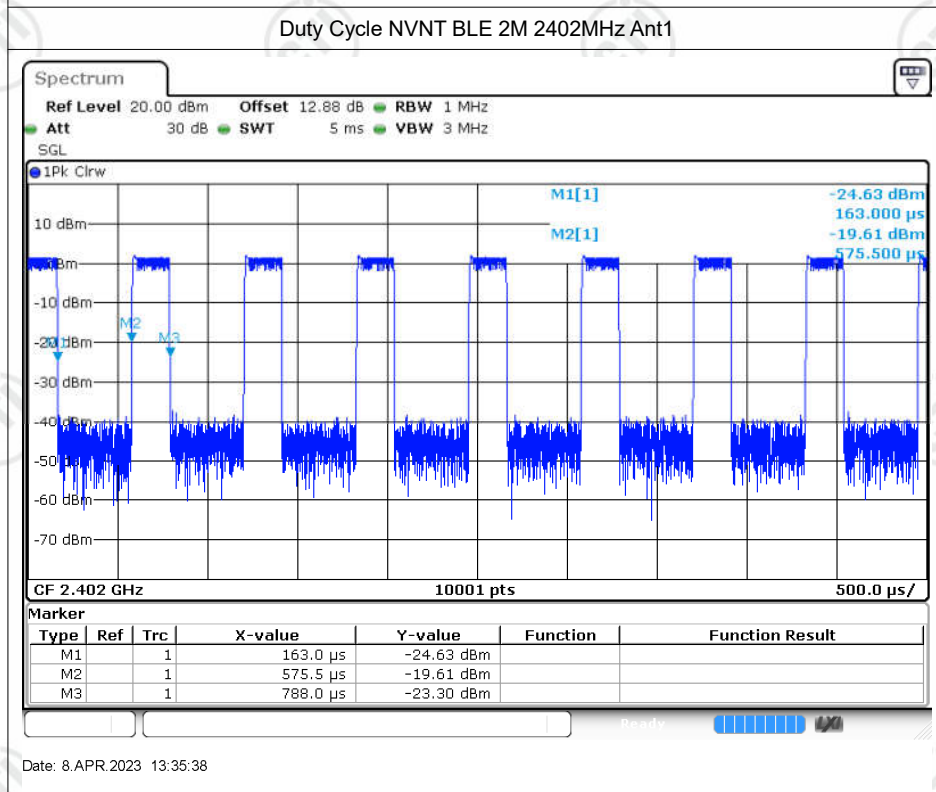
Date: 8.MAR.2023 10:32:14



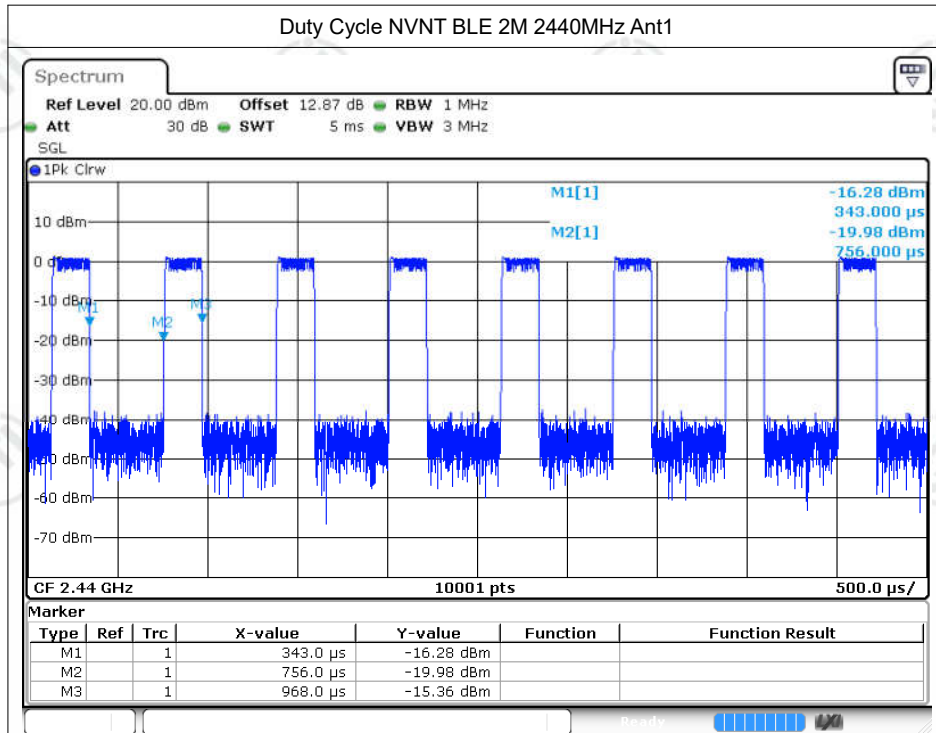
Date: 8.MAR.2023 10:33:55



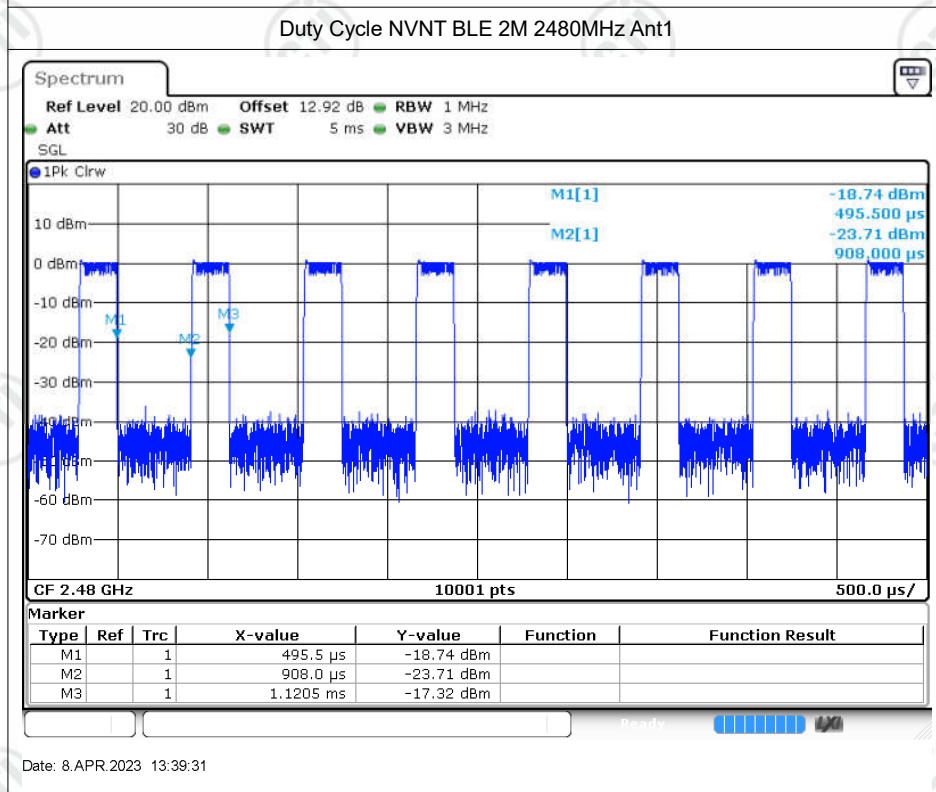
Date: 8.MAR.2023 10:35:30



Date: 8.APR.2023 13:35:38



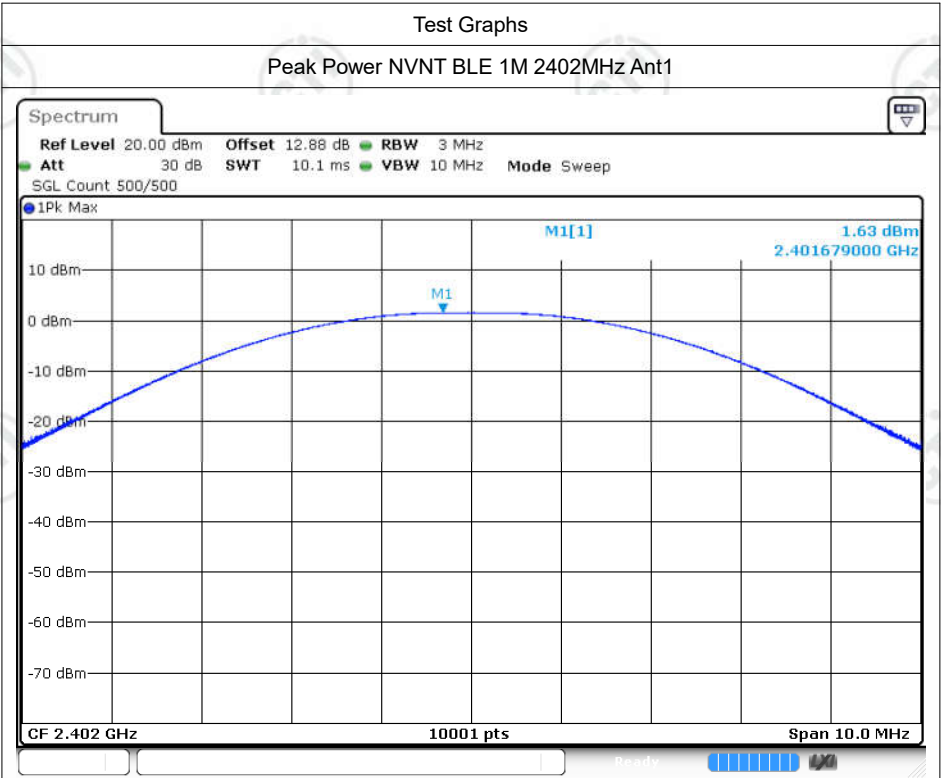
Date: 8.APR.2023 13:37:28



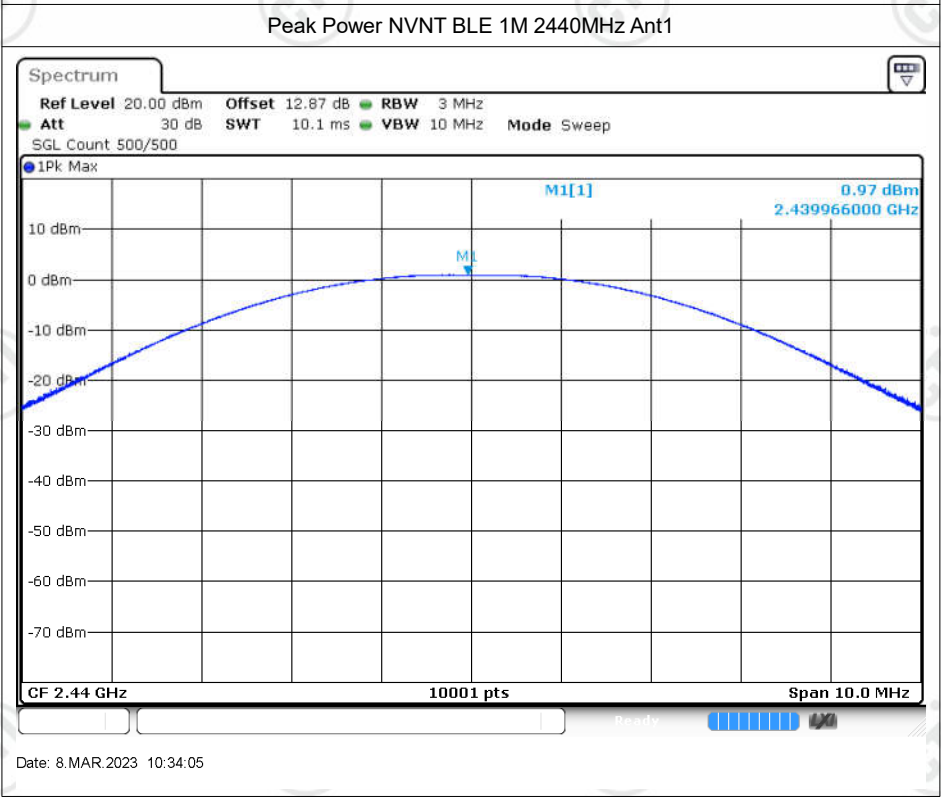
Date: 8.APR.2023 13:39:31

Maximum Peak Conducted Output Power

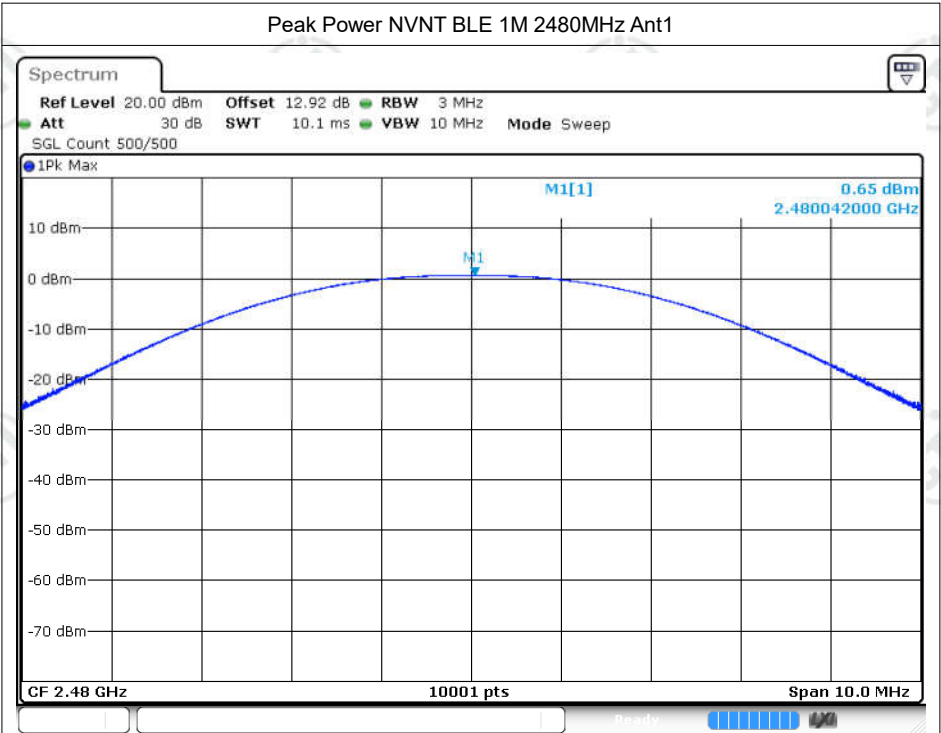
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.63	30	Pass
NVNT	BLE 1M	2440	Ant1	0.97	30	Pass
NVNT	BLE 1M	2480	Ant1	0.65	30	Pass
NVNT	BLE 2M	2402	Ant1	1.97	30	Pass
NVNT	BLE 2M	2440	Ant1	1.62	30	Pass
NVNT	BLE 2M	2480	Ant1	0.83	30	Pass



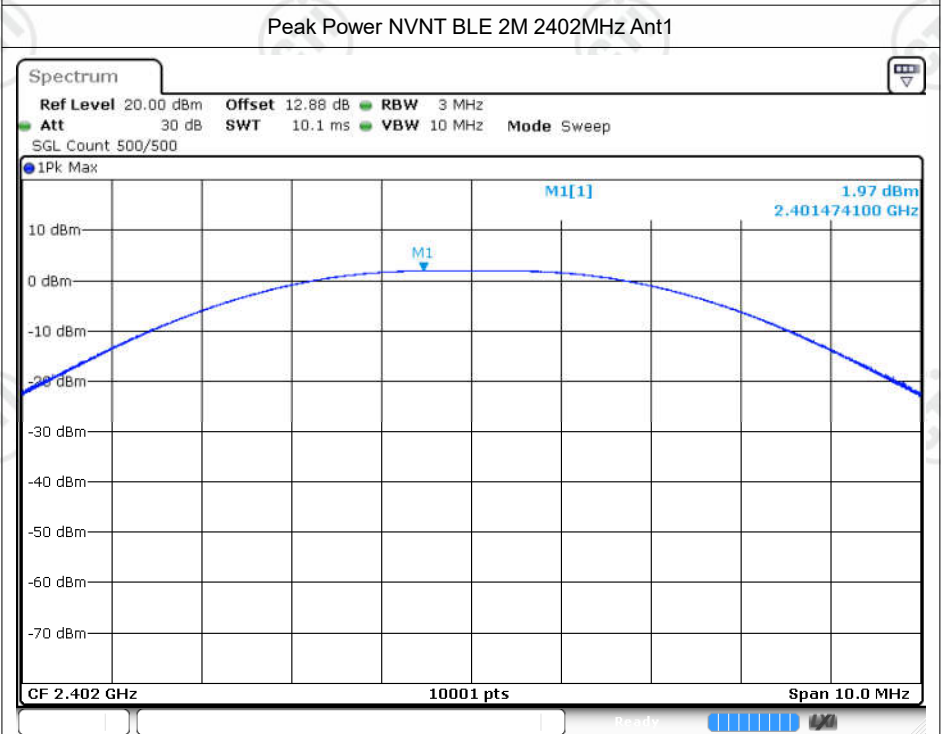
Date: 8.MAR.2023 10:32:24



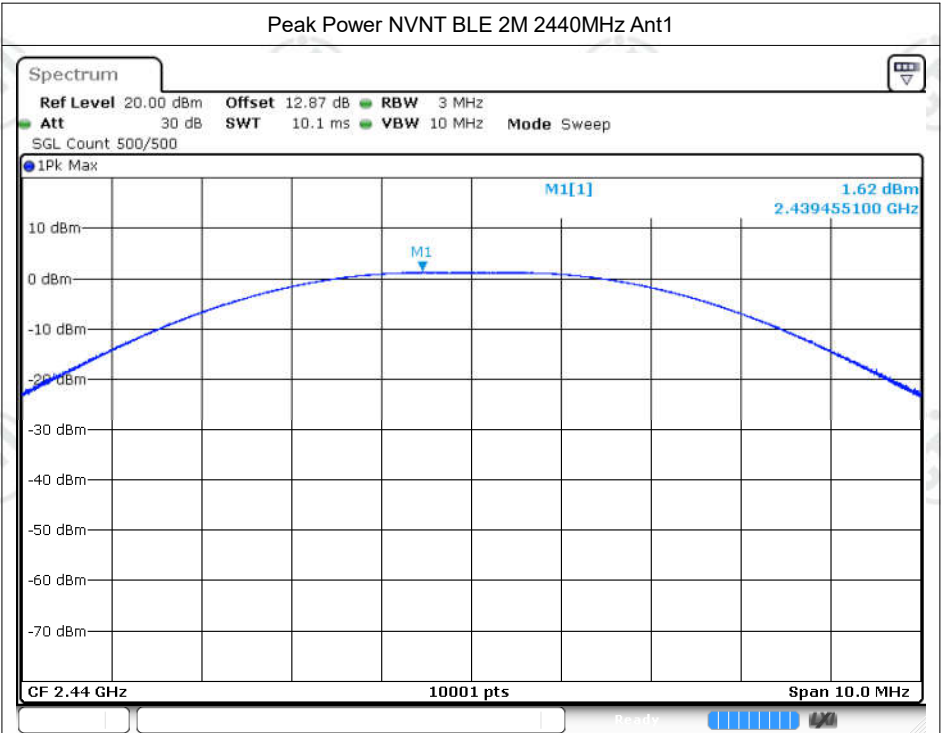
Date: 8.MAR.2023 10:34:05



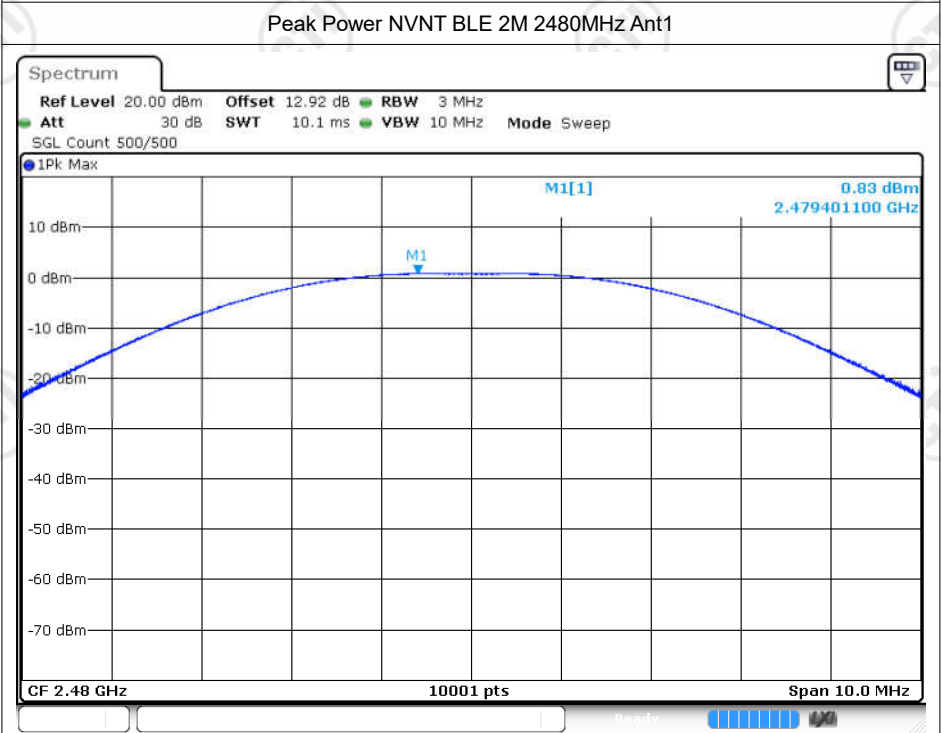
Date: 8.MAR.2023 10:35:40



Date: 8.APR.2023 13:35:48



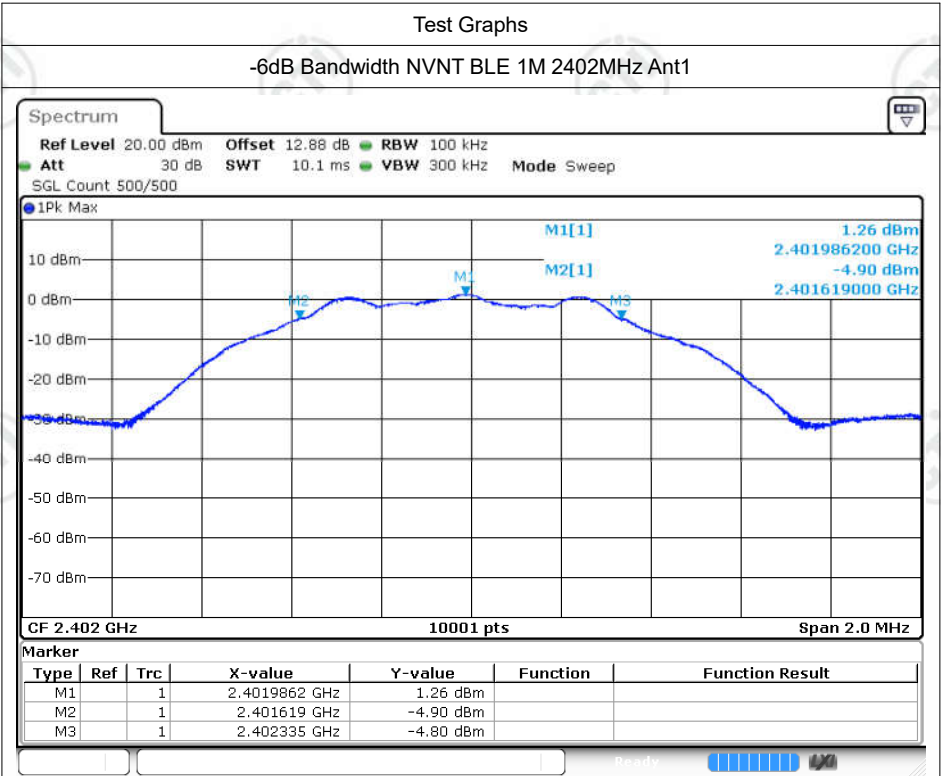
Date: 8.APR.2023 13:37:38



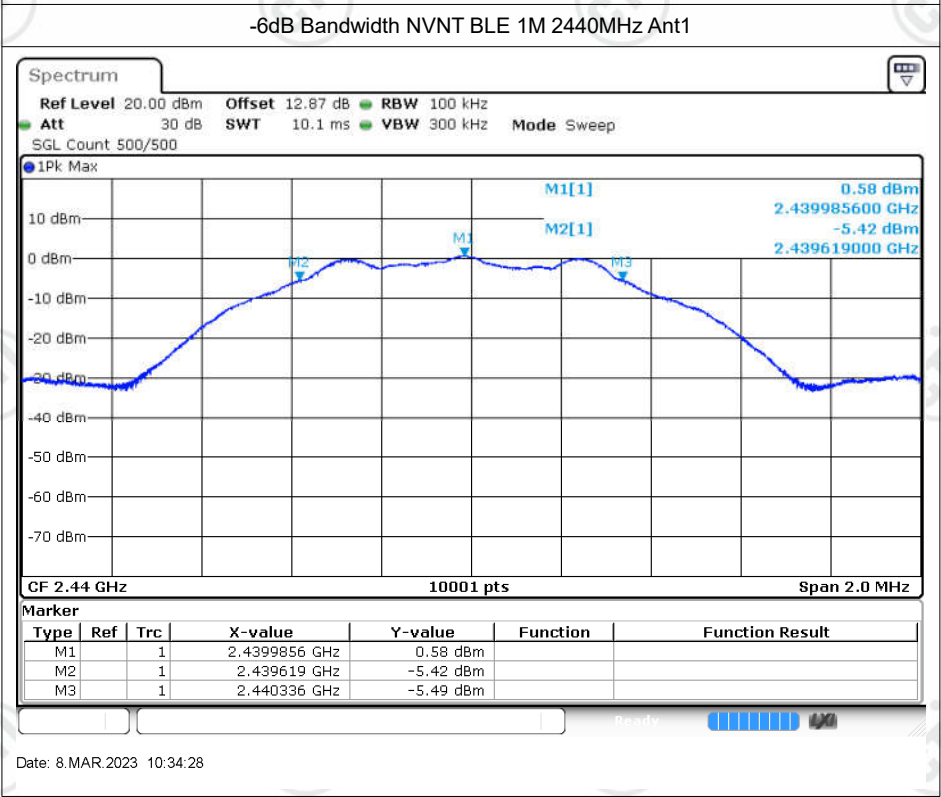
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-6dB Bandwidth

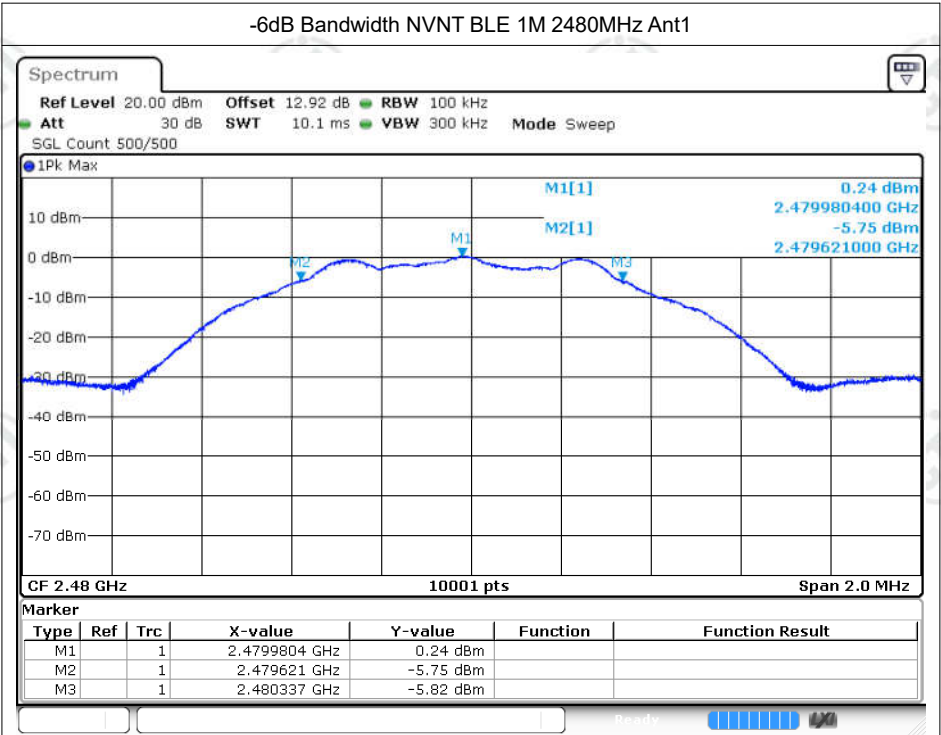
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.715	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.718	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.716	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.26	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.258	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.259	0.5	Pass



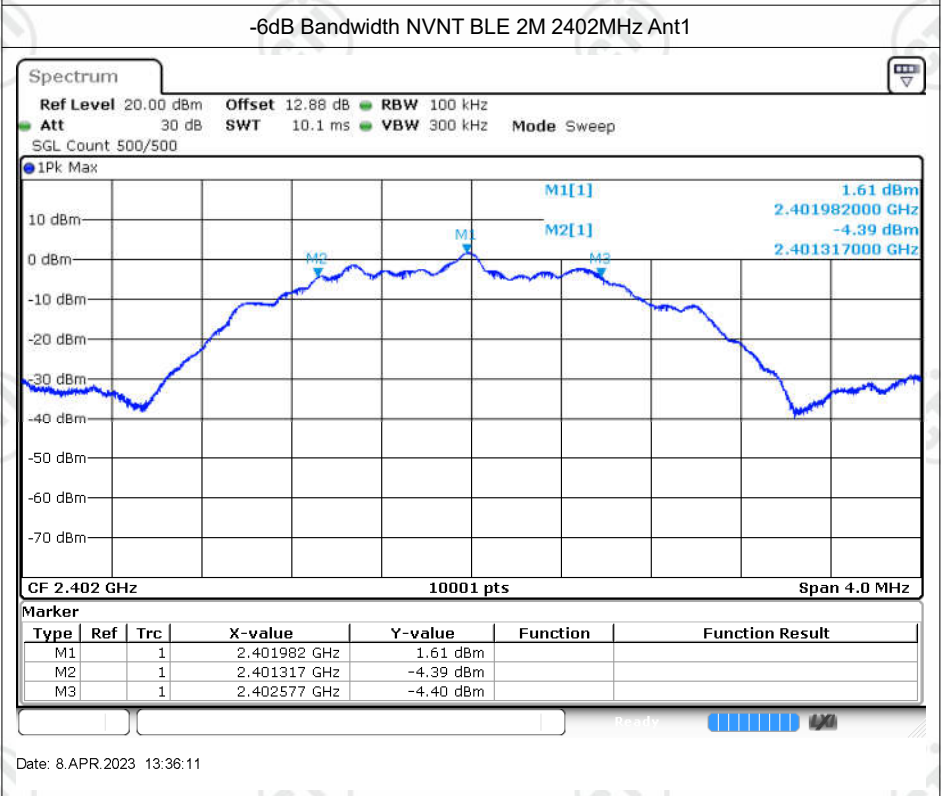
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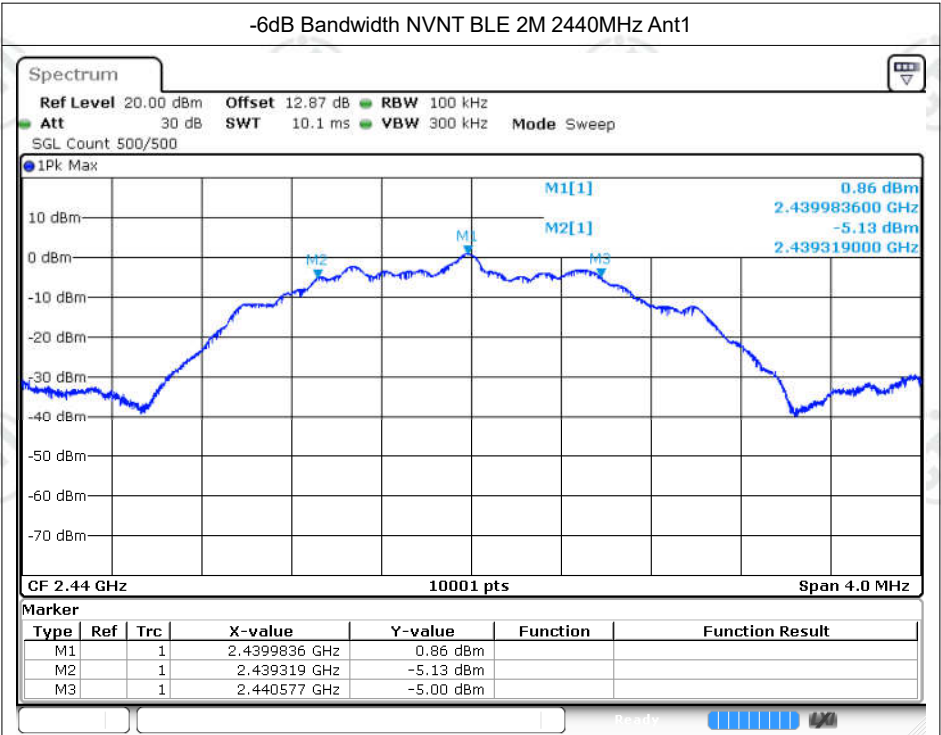
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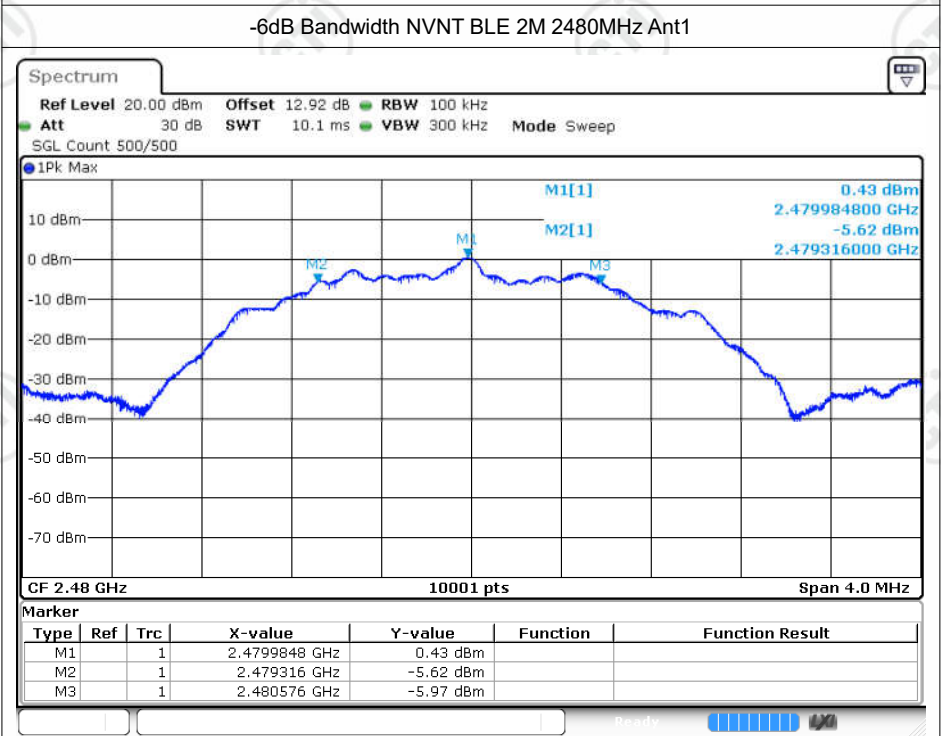
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Date: 8.APR.2023 13:36:11



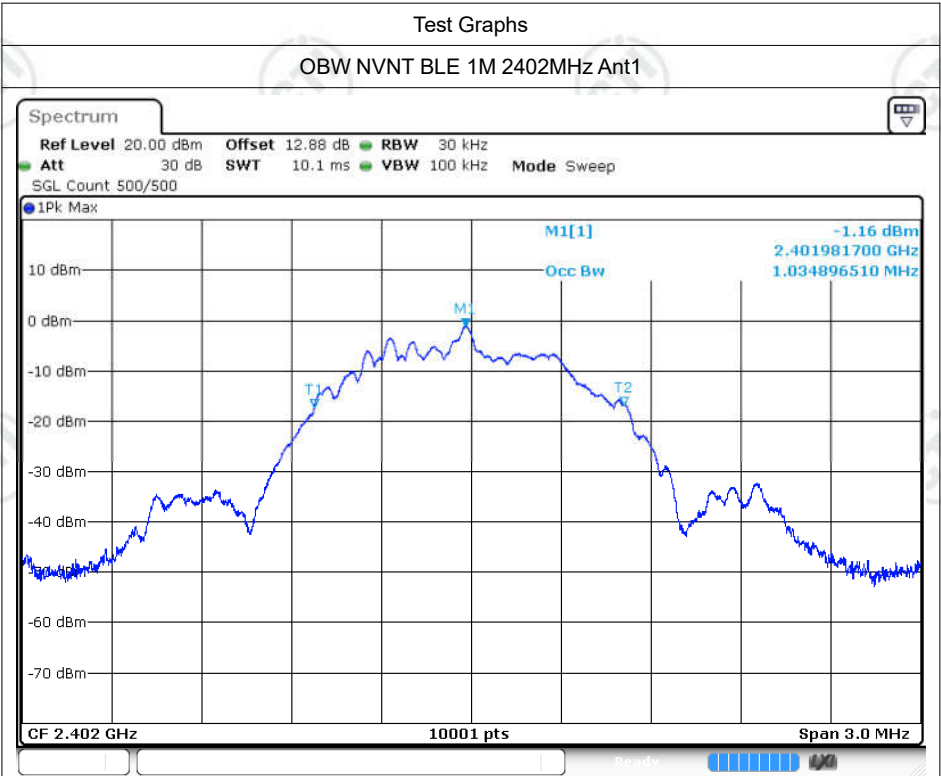
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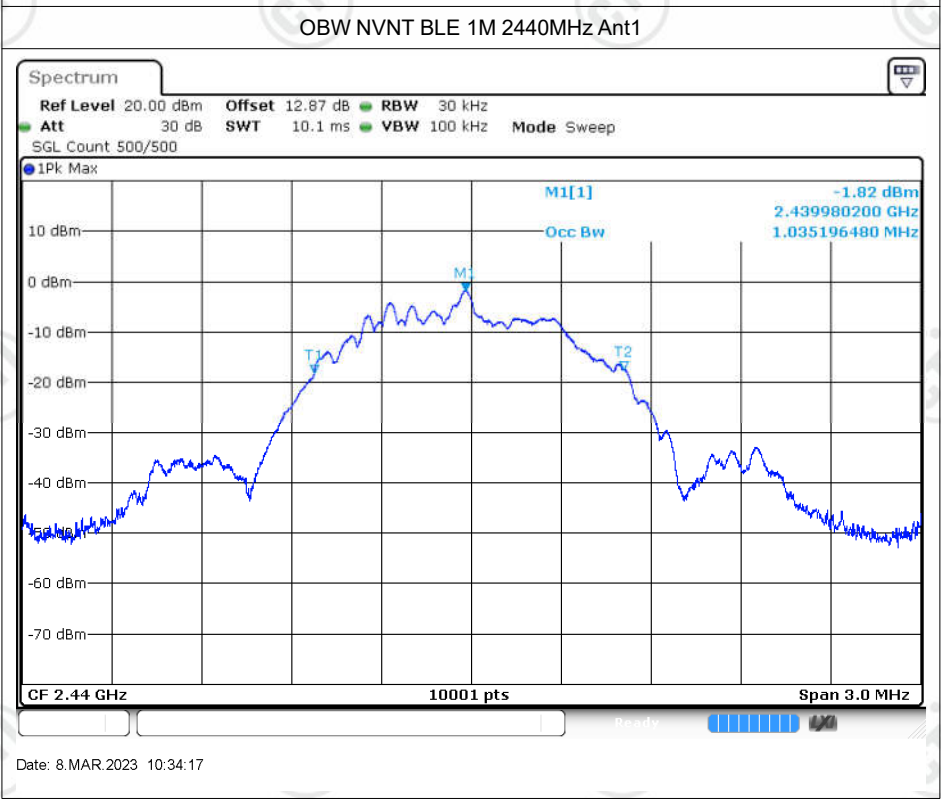
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Occupied Channel Bandwidth

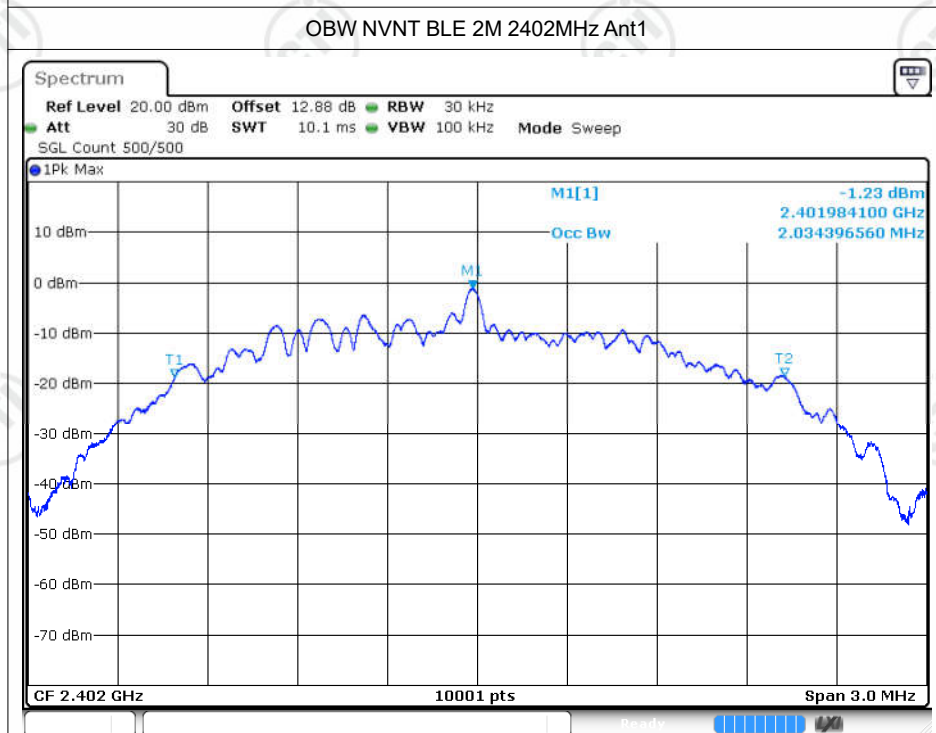
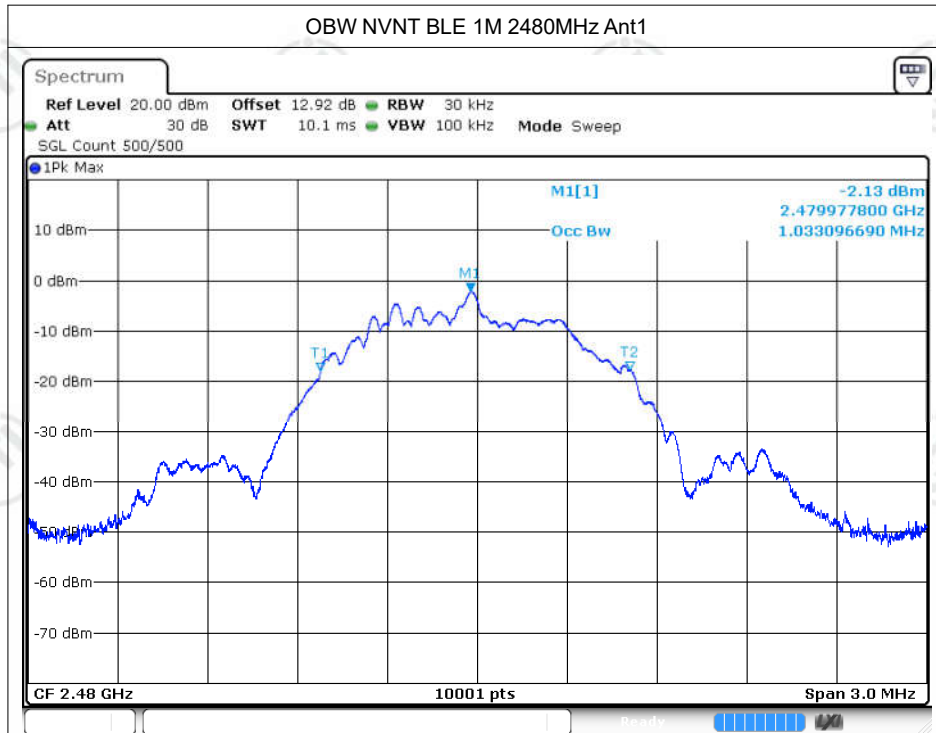
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.035
NVNT	BLE 1M	2440	Ant1	1.035
NVNT	BLE 1M	2480	Ant1	1.033
NVNT	BLE 2M	2402	Ant1	2.034
NVNT	BLE 2M	2440	Ant1	2.034
NVNT	BLE 2M	2480	Ant1	2.032

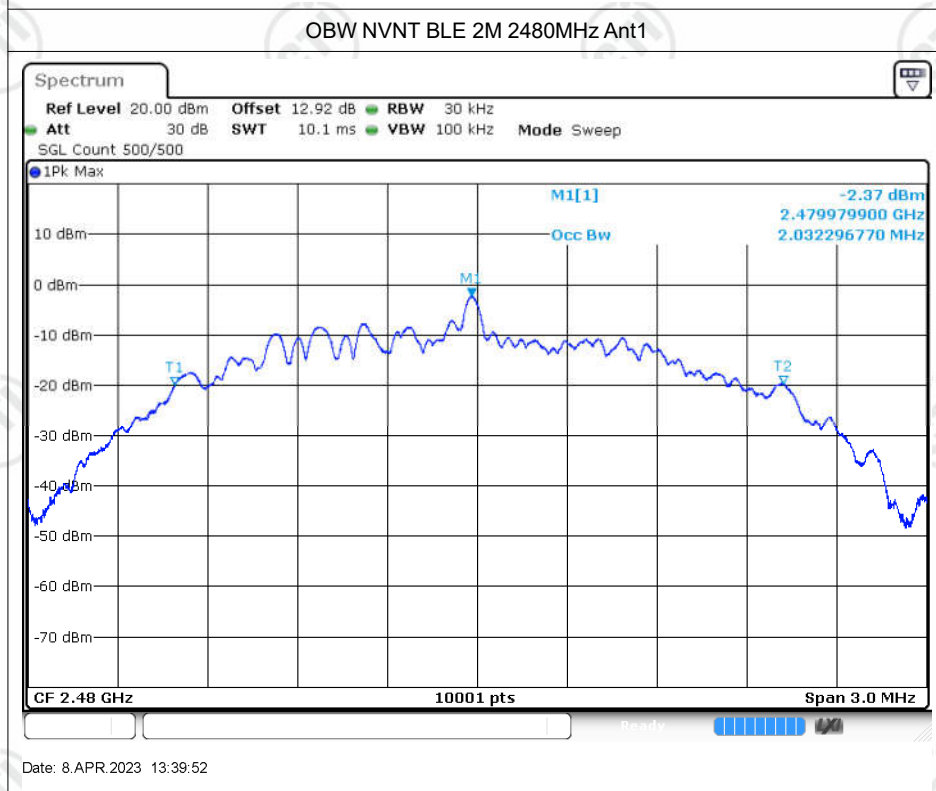
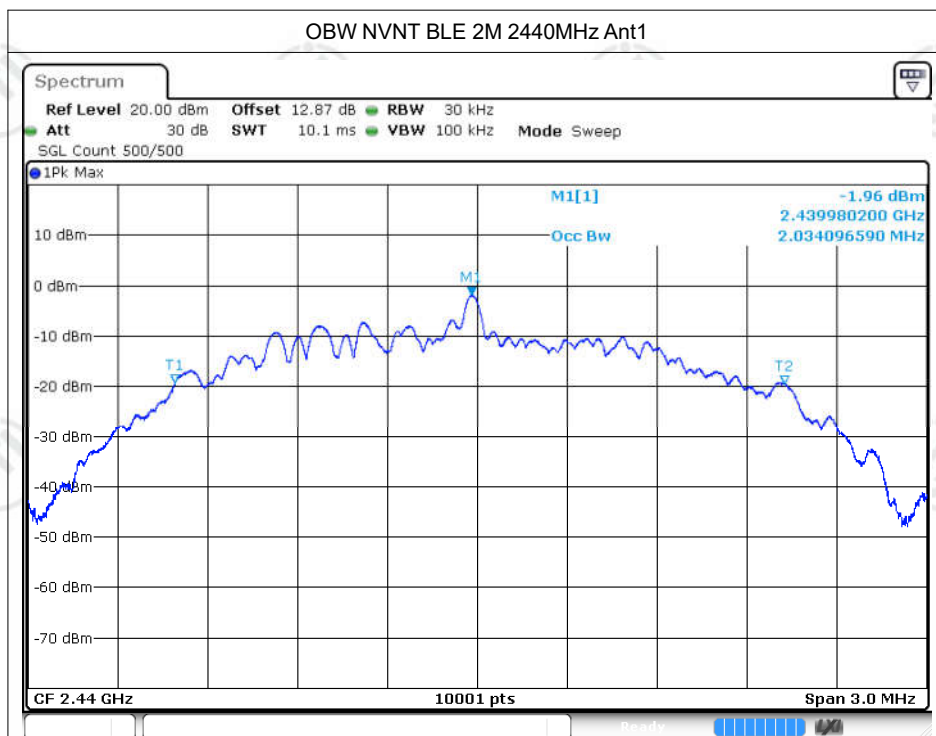


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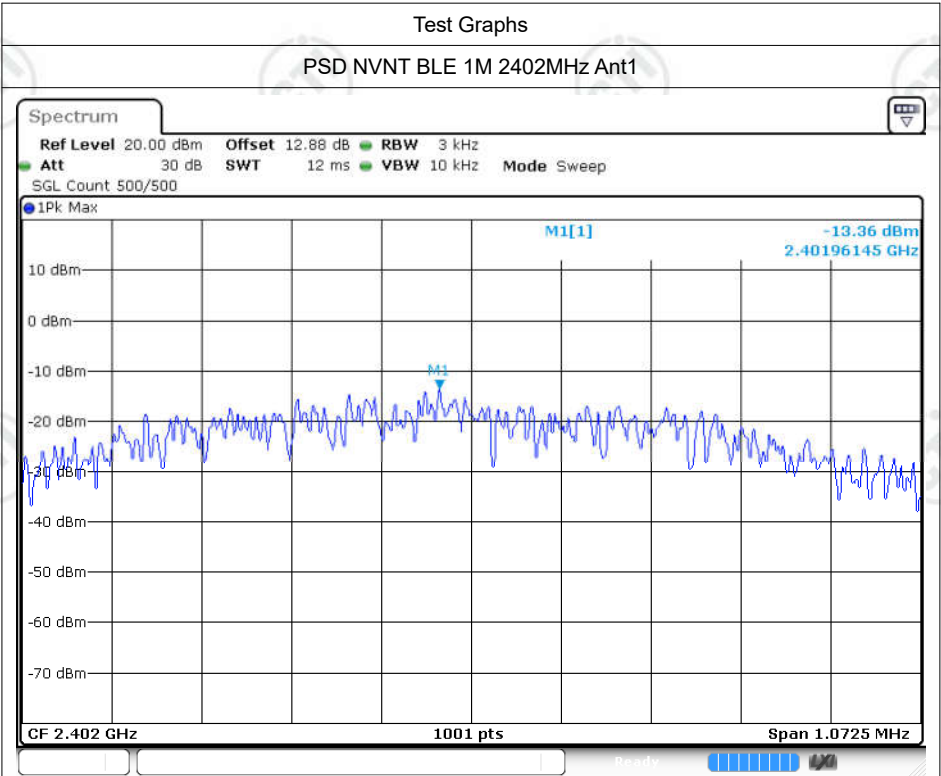
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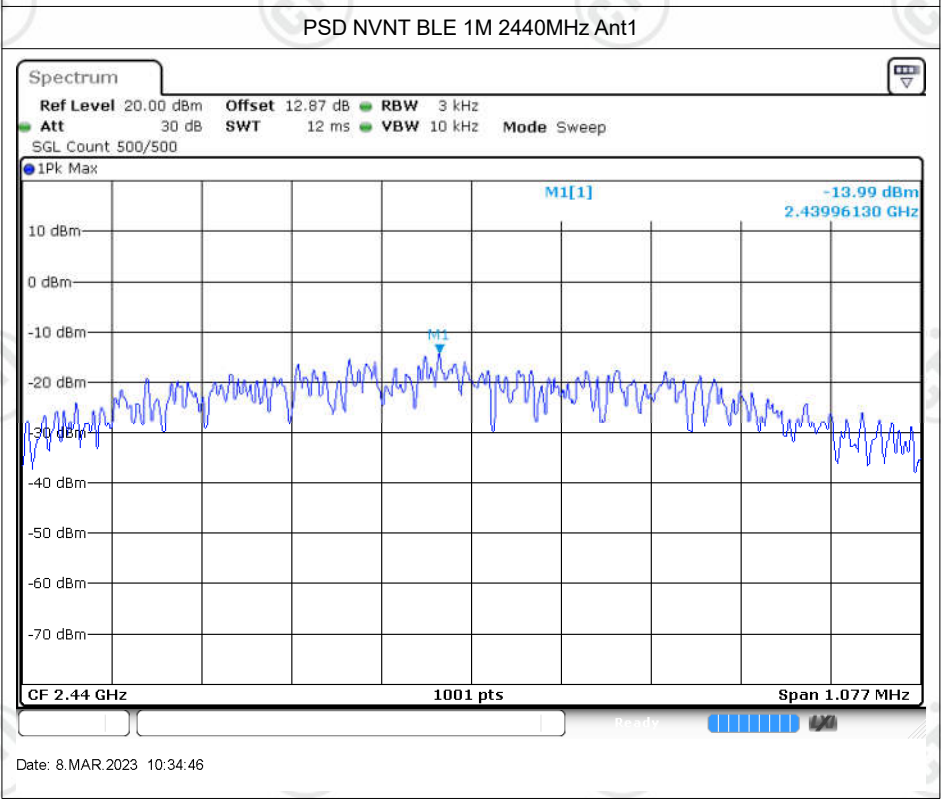


Maximum Power Spectral Density Level

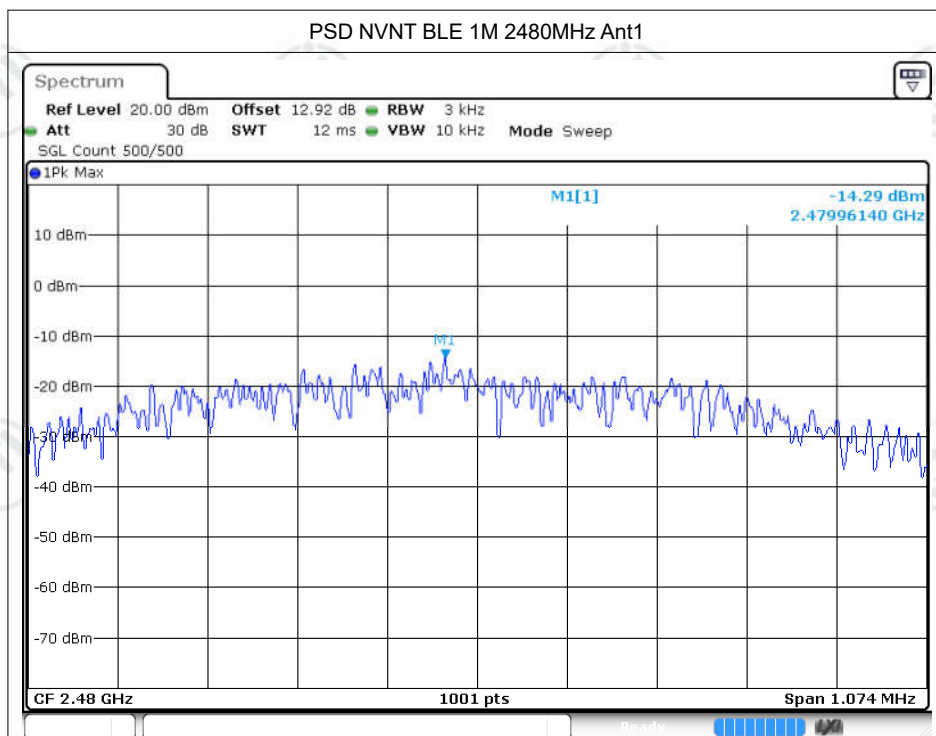
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-13.36	0	-13.36	8	Pass
NVNT	BLE 1M	2440	Ant1	-13.99	0	-13.99	8	Pass
NVNT	BLE 1M	2480	Ant1	-14.29	0	-14.29	8	Pass
NVNT	BLE 2M	2402	Ant1	-16.03	0	-16.03	8	Pass
NVNT	BLE 2M	2440	Ant1	-16.74	0	-16.74	8	Pass
NVNT	BLE 2M	2480	Ant1	-17.07	0	-17.07	8	Pass



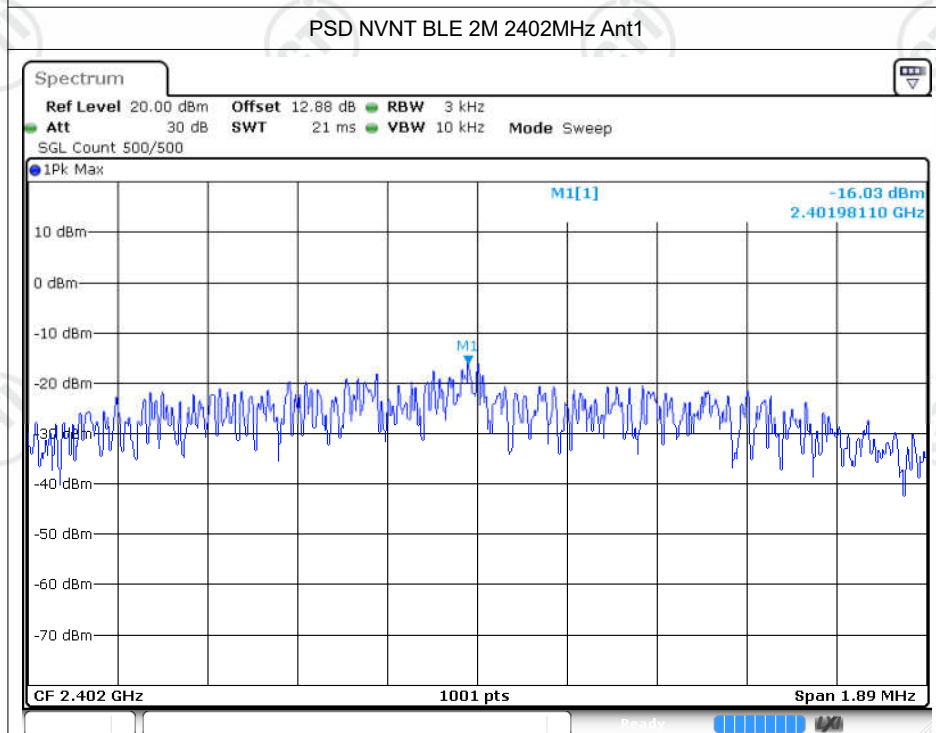
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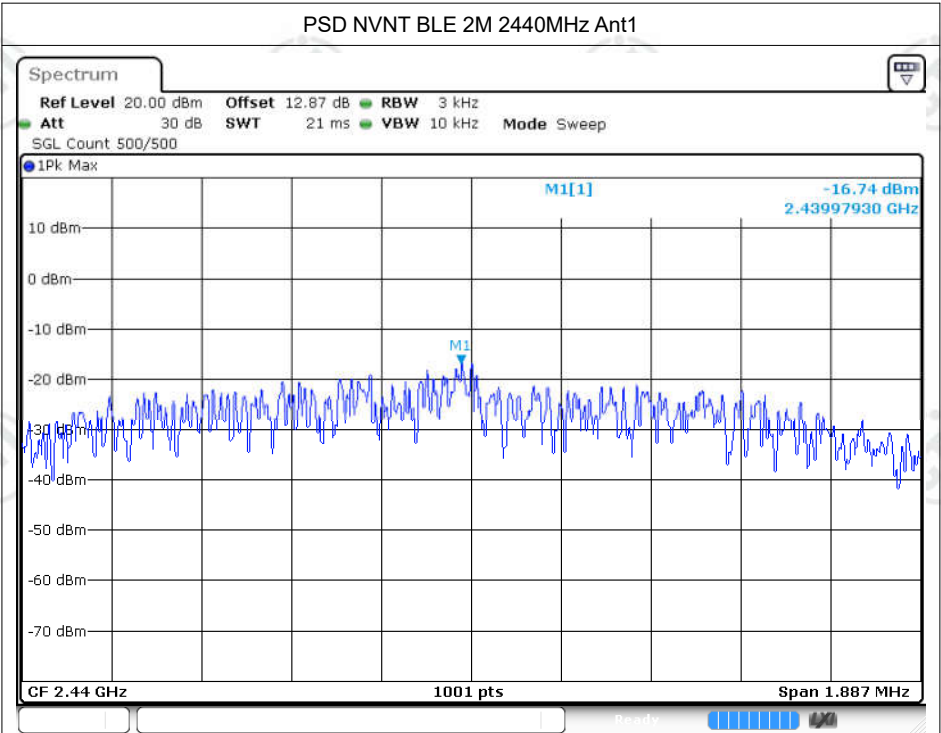
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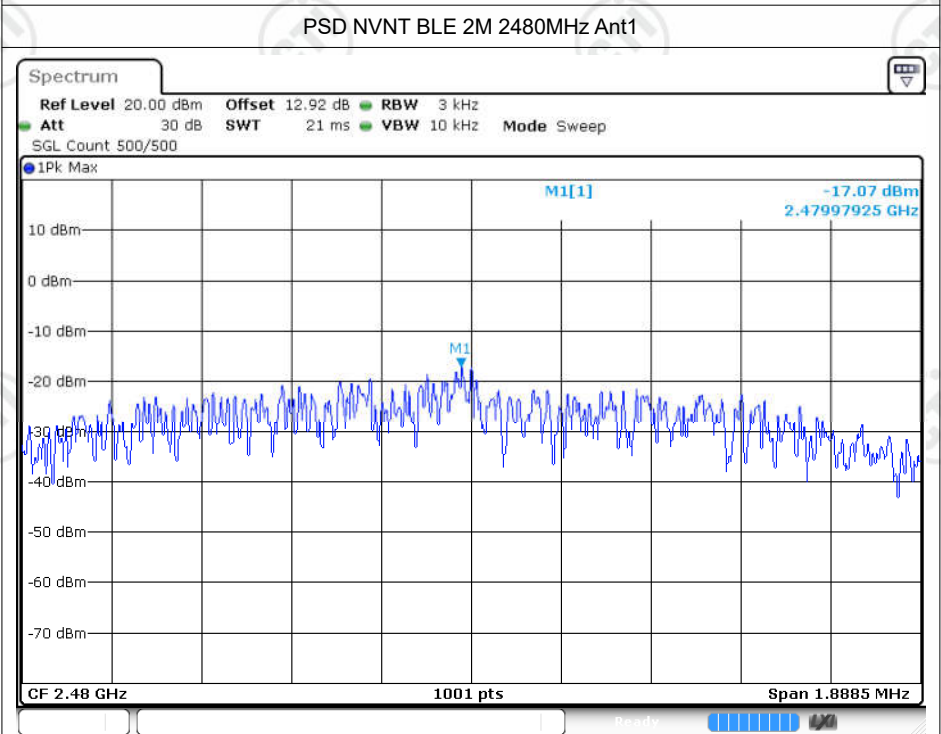
Date: 8.MAR.2023 10:36:19



Date: 8.APR.2023 13:36:33



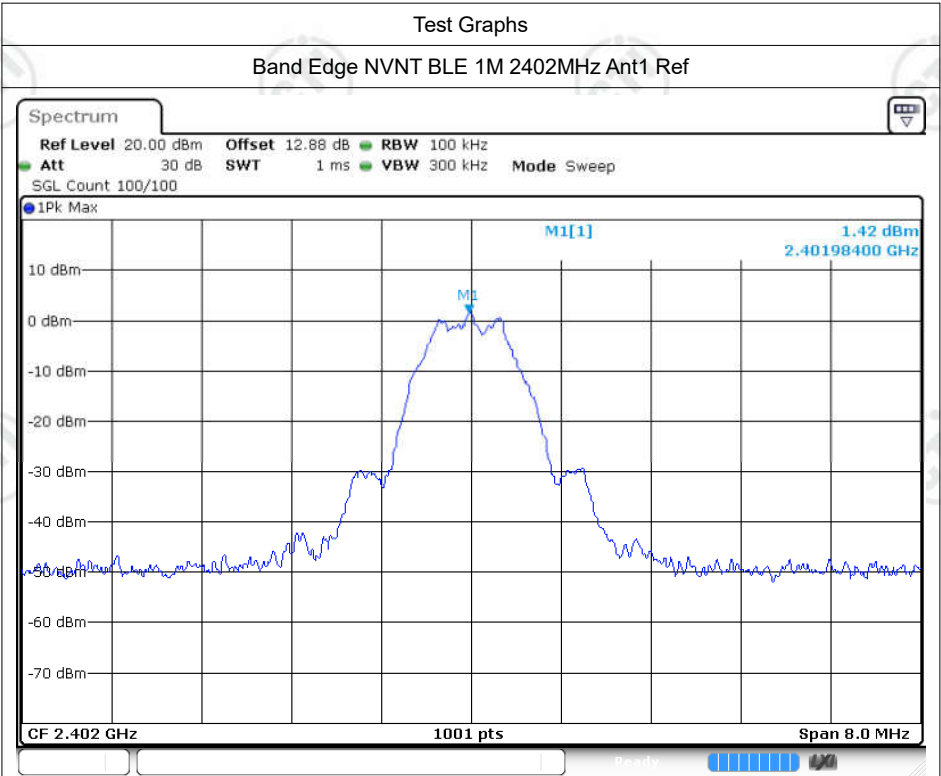
Date: 8.APR.2023 13:38:23



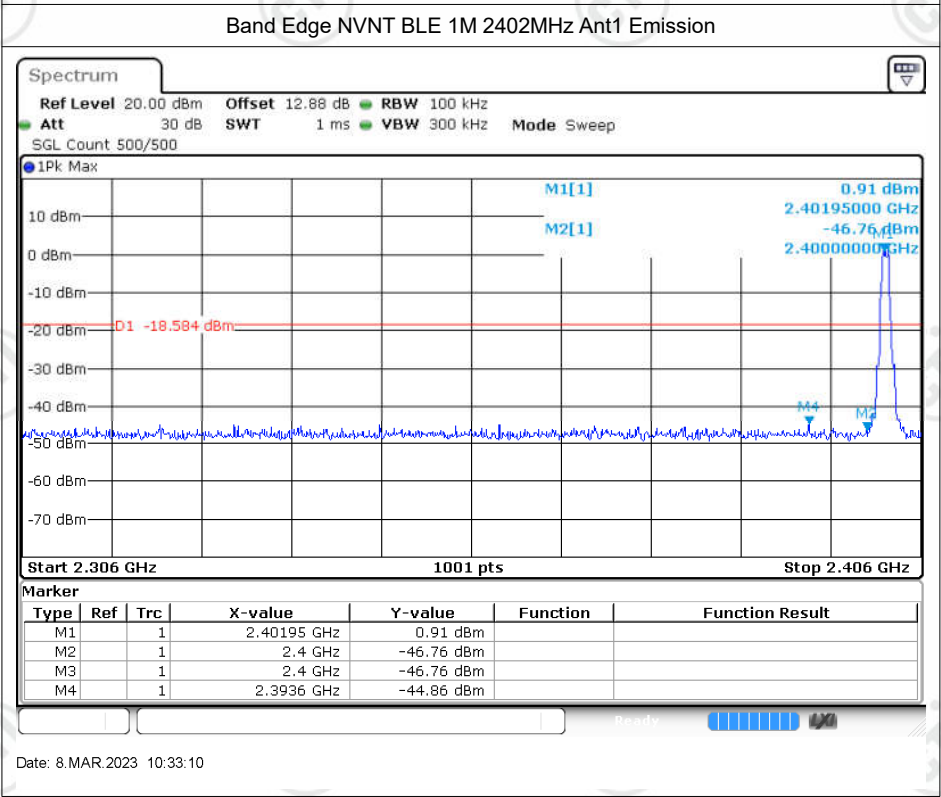
Date: 8.APR.2023 13:40:26

Band Edge

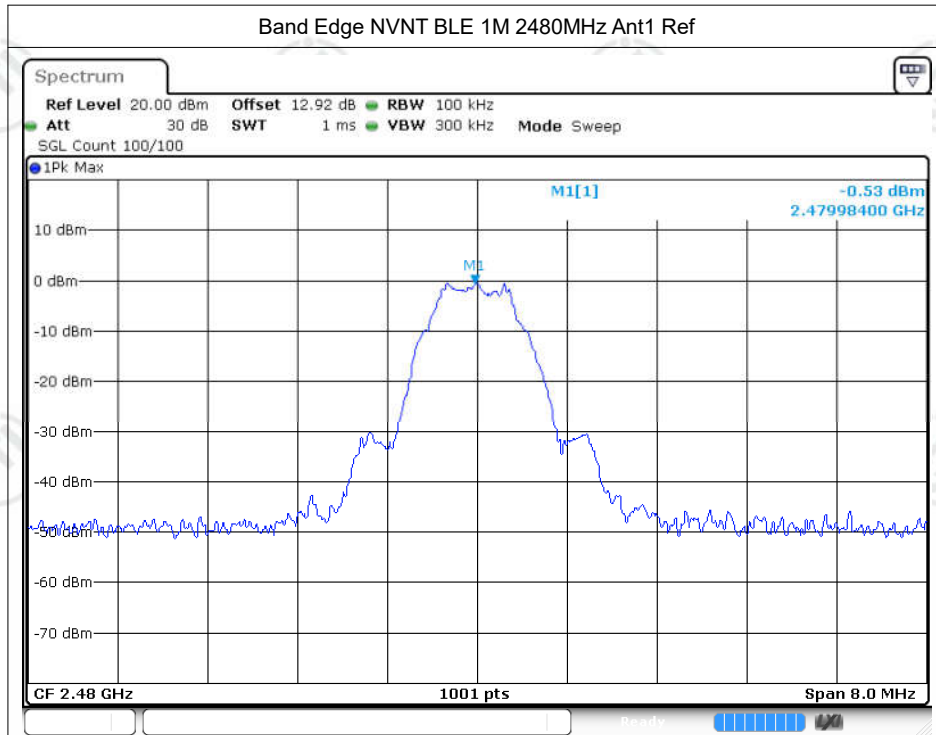
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.28	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.74	-20	Pass
NVNT	BLE 2M	2402	Ant1	-32.54	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.35	-20	Pass



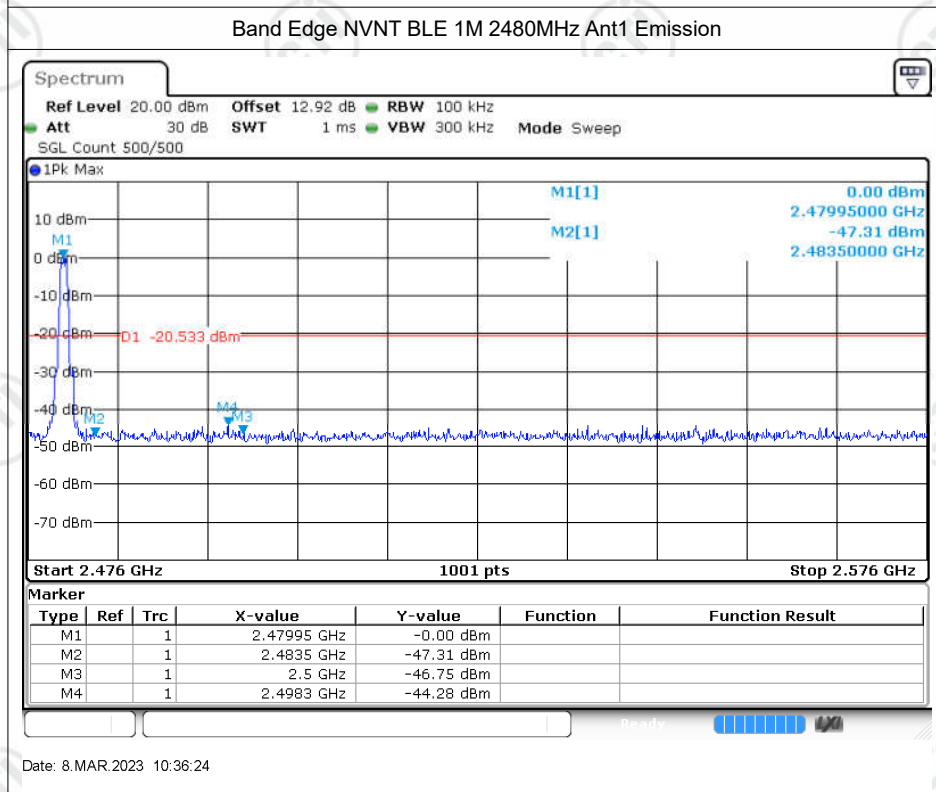
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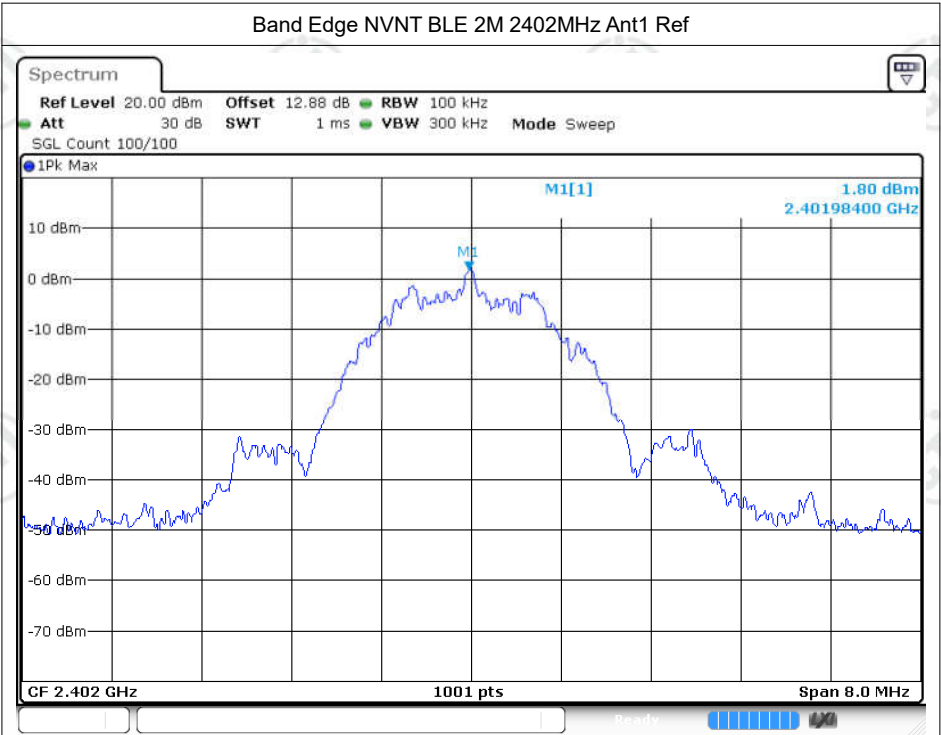
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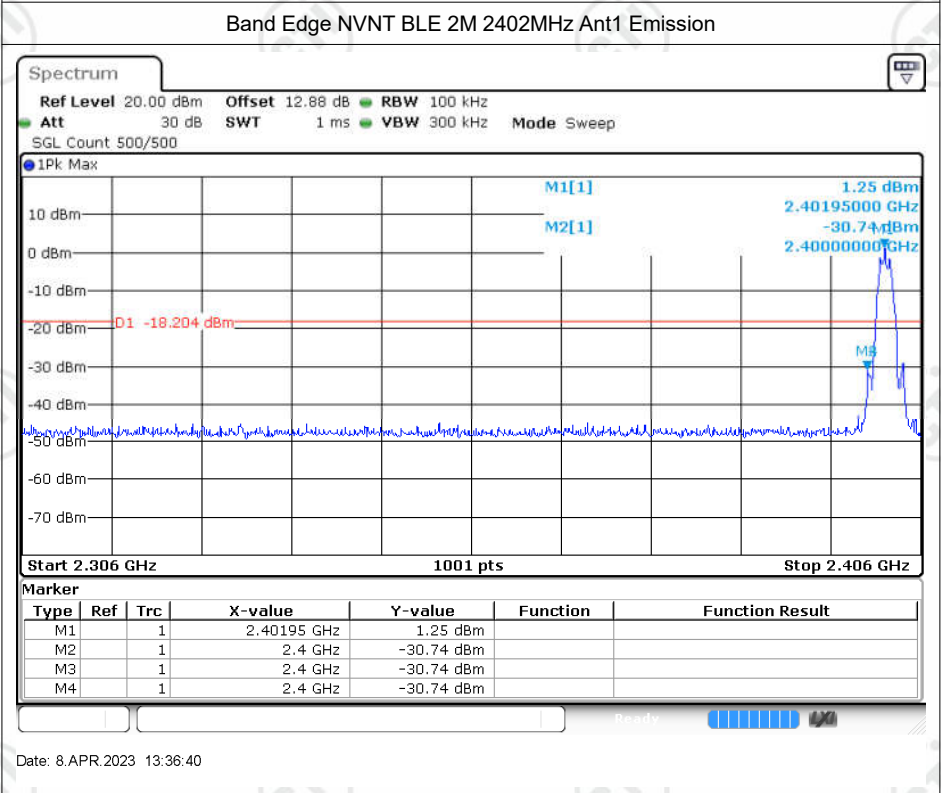
Date: 8.MAR.2023 10:36:22



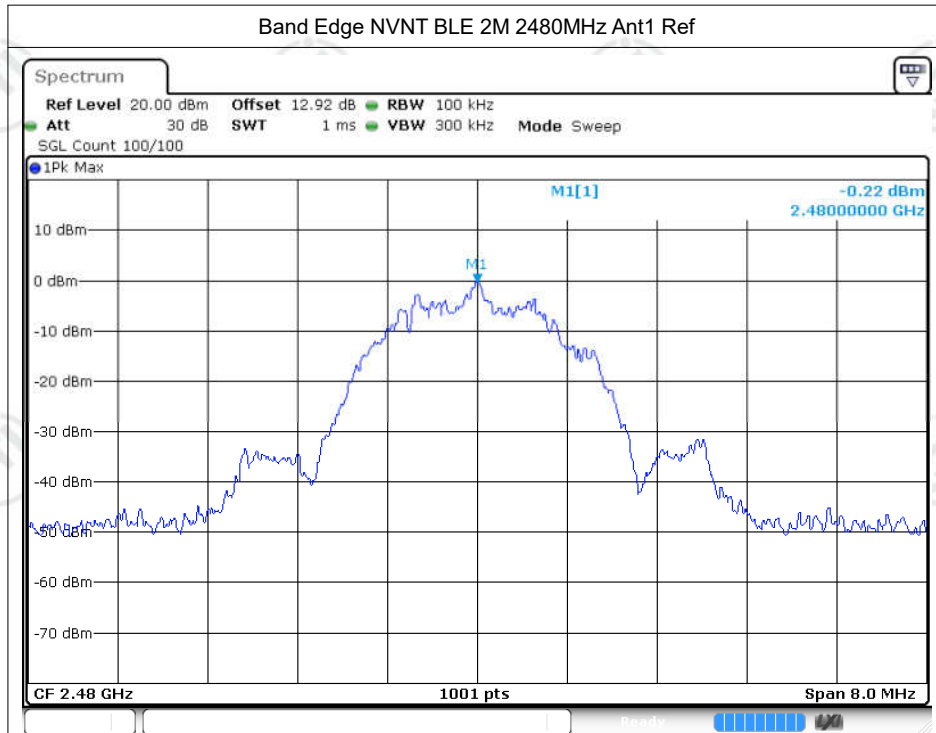
Date: 8.MAR.2023 10:36:24



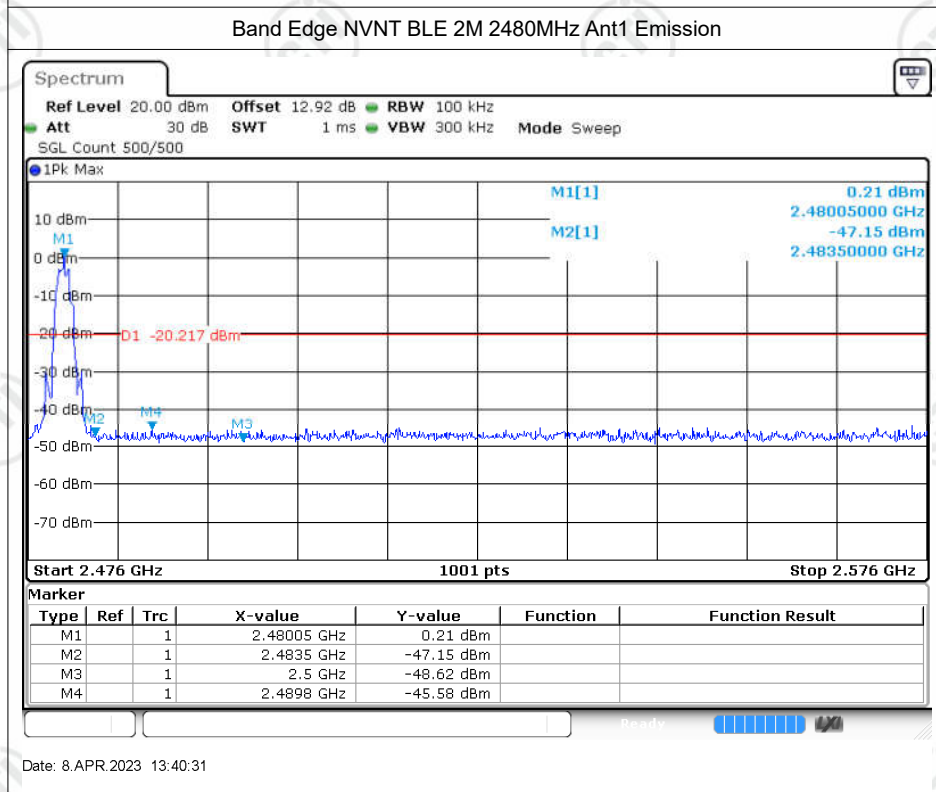
Date: 8.APR.2023 13:36:36



Date: 8.APR.2023 13:36:40



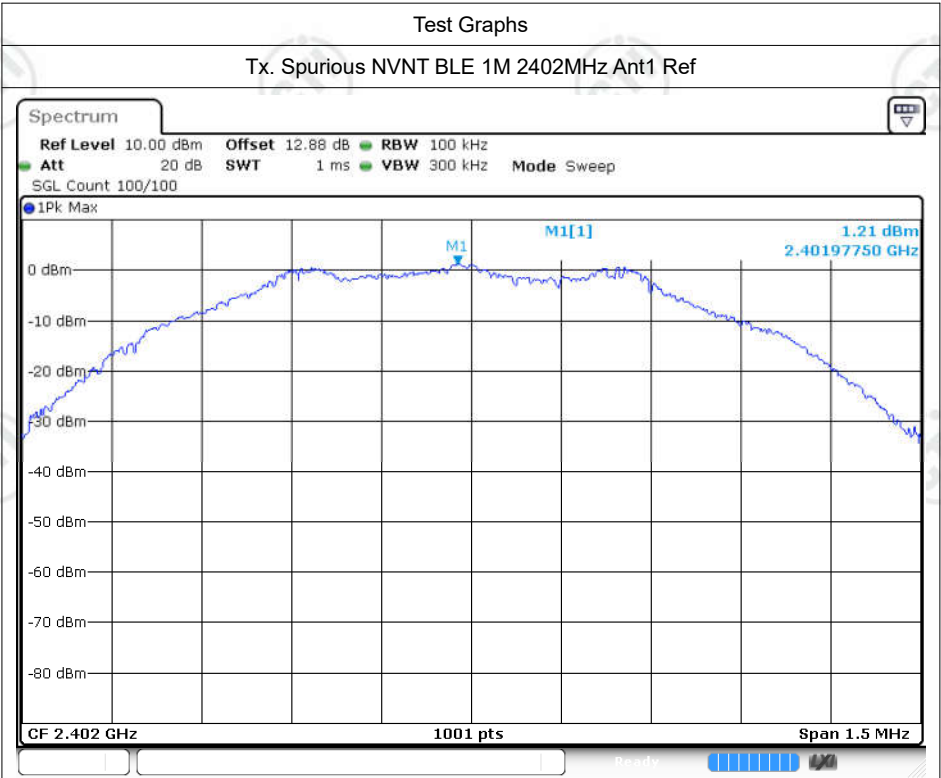
Date: 8.APR.2023 13:40:29



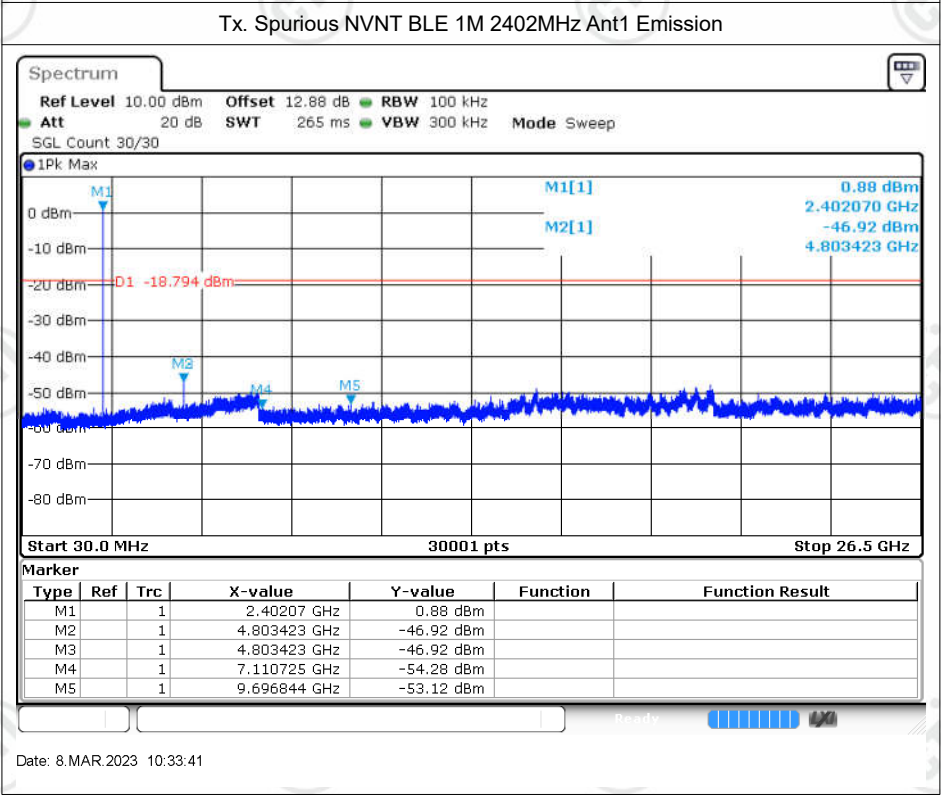
Date: 8.APR.2023 13:40:31

Conducted RF Spurious Emission

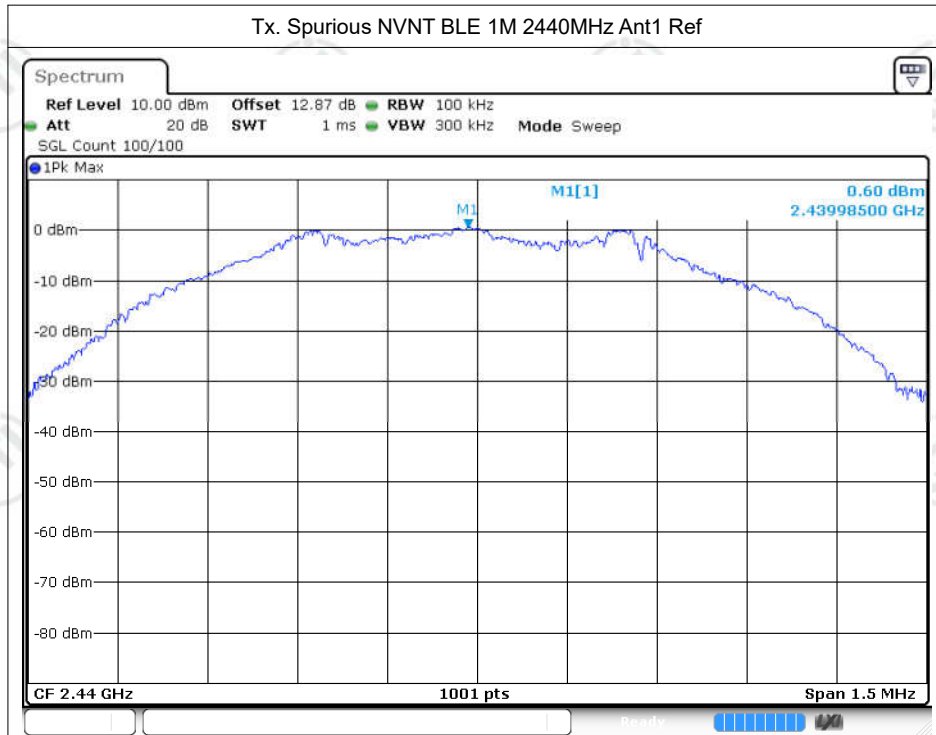
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.13	-20	Pass
NVNT	BLE 1M	2440	Ant1	-45.16	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.76	-20	Pass
NVNT	BLE 2M	2402	Ant1	-50.03	-20	Pass
NVNT	BLE 2M	2440	Ant1	-46.34	-20	Pass
NVNT	BLE 2M	2480	Ant1	-44.63	-20	Pass



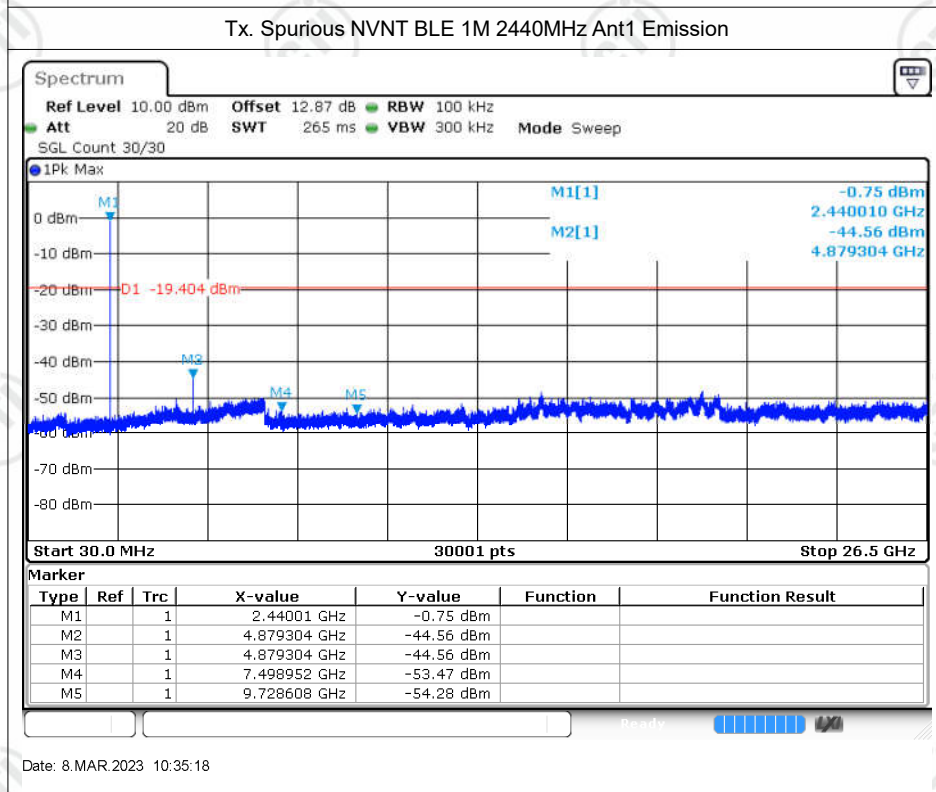
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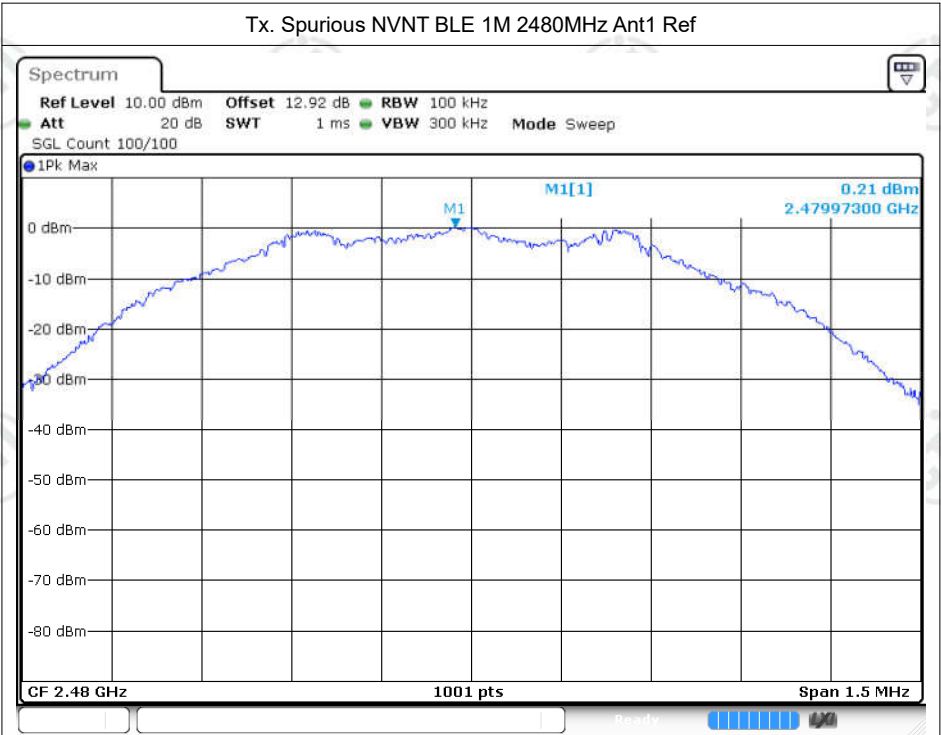
Date: 8.MAR.2023 10:33:41



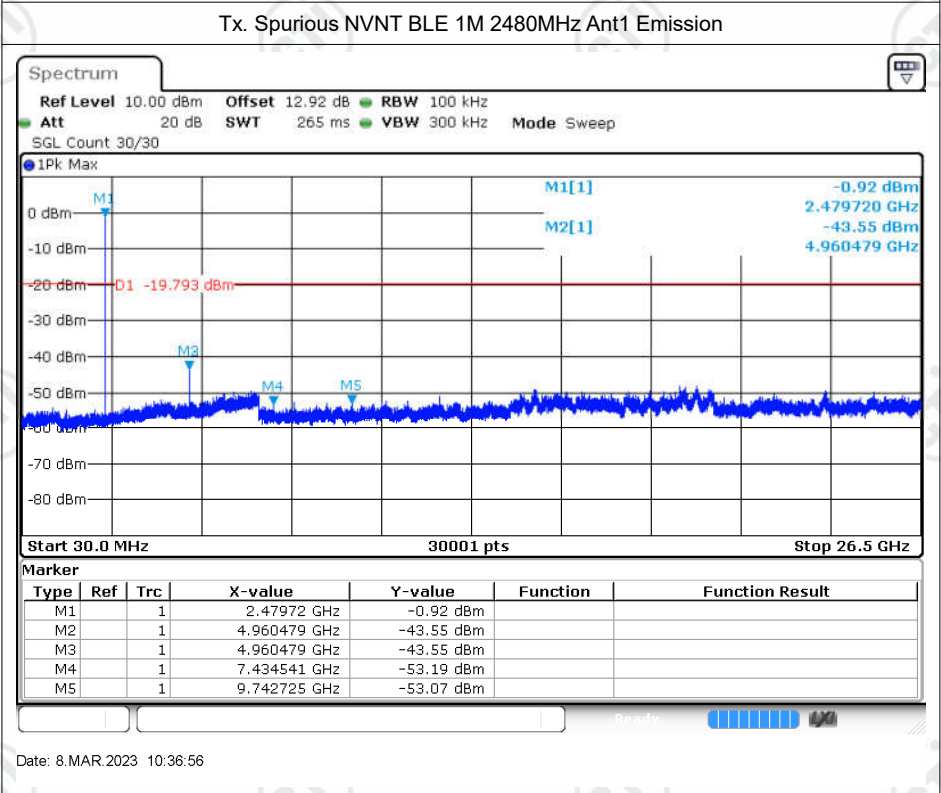
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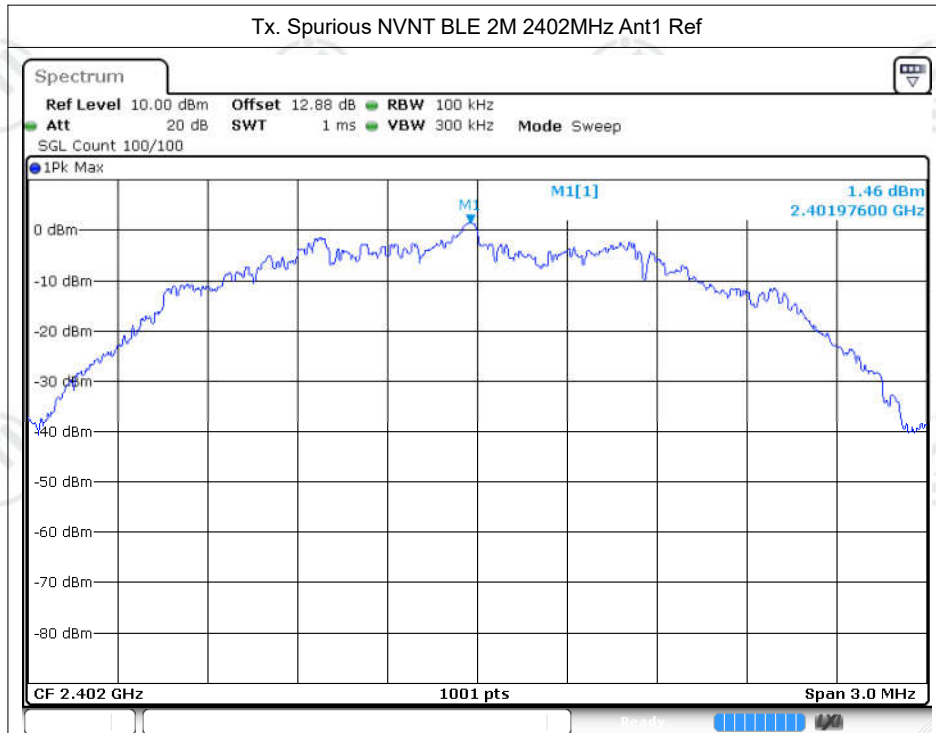


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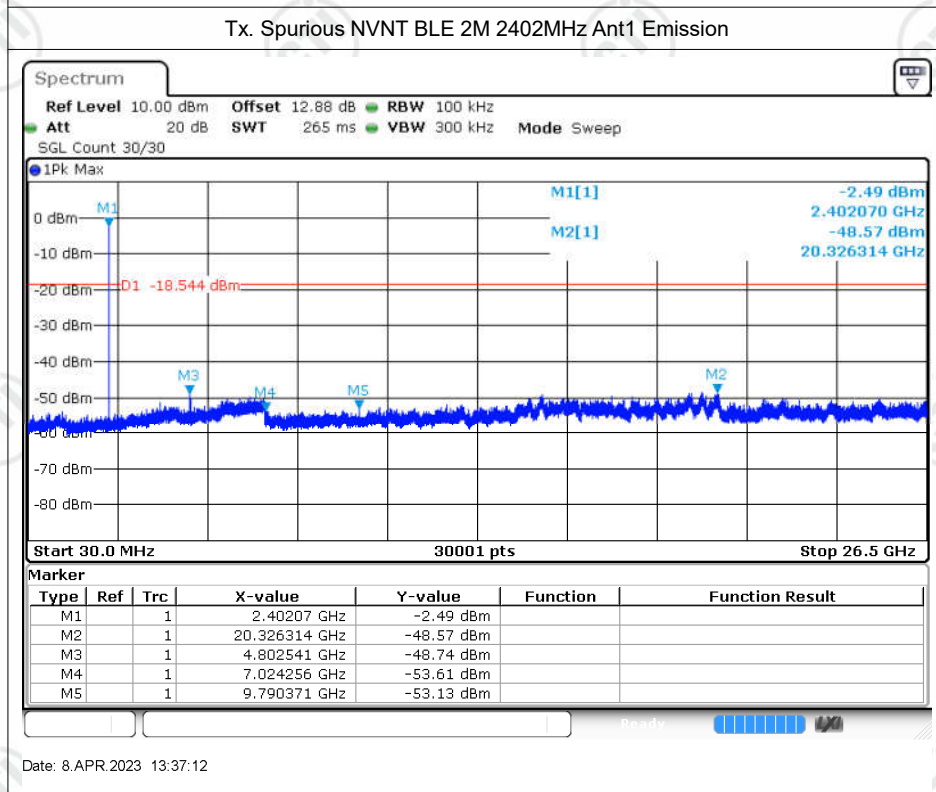


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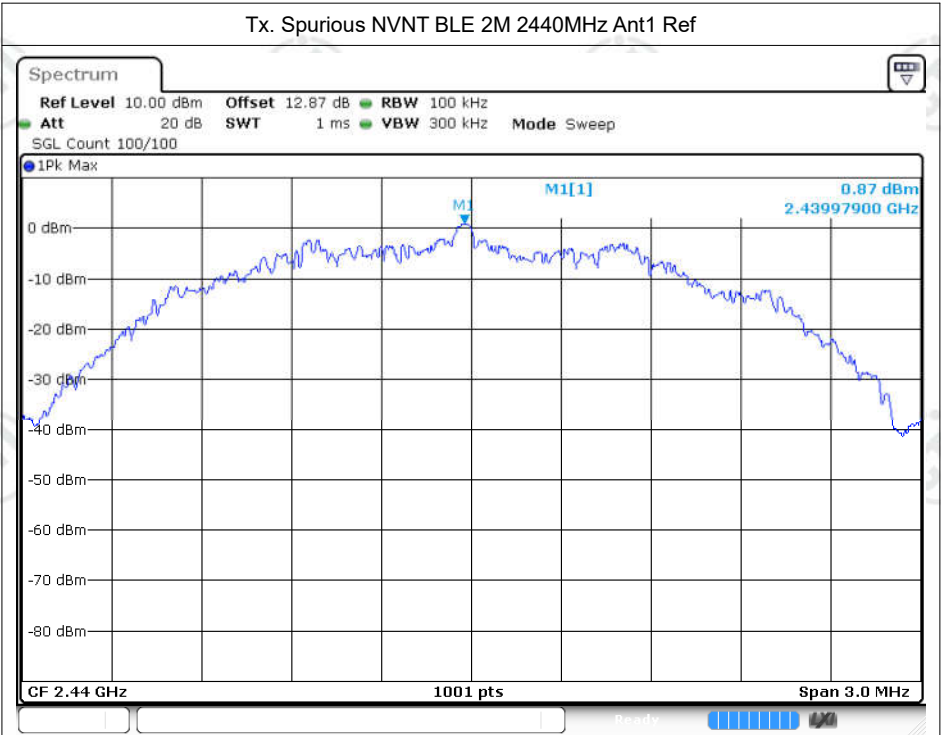




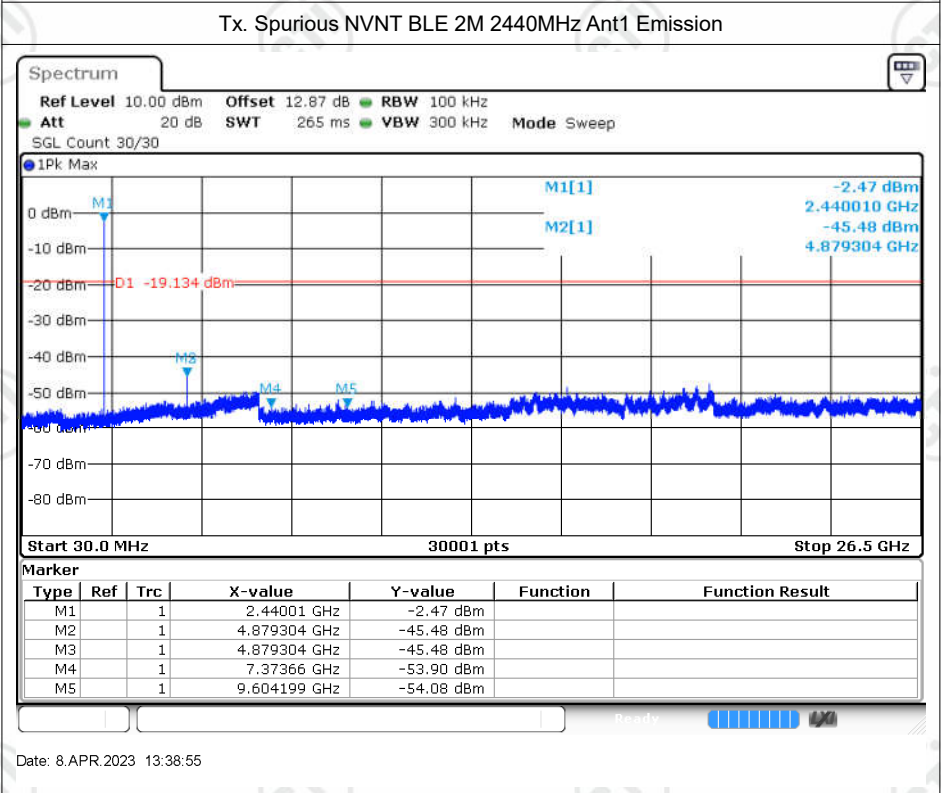
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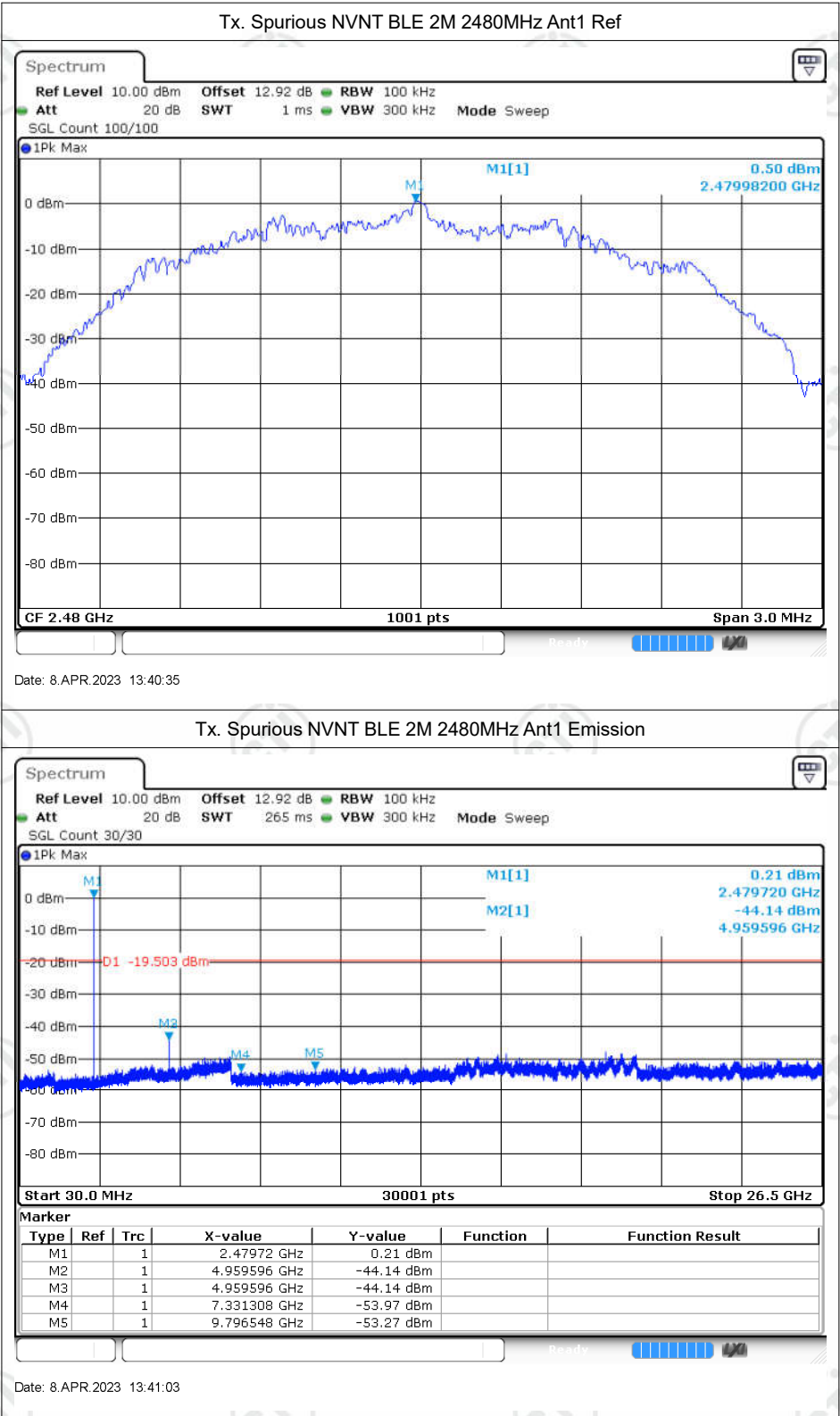


Date: 8.APR.2023 13:37:12



Date: 8.APR.2023 13:38:26





*** End of Report ***