

Appendix: Bluetooth LE

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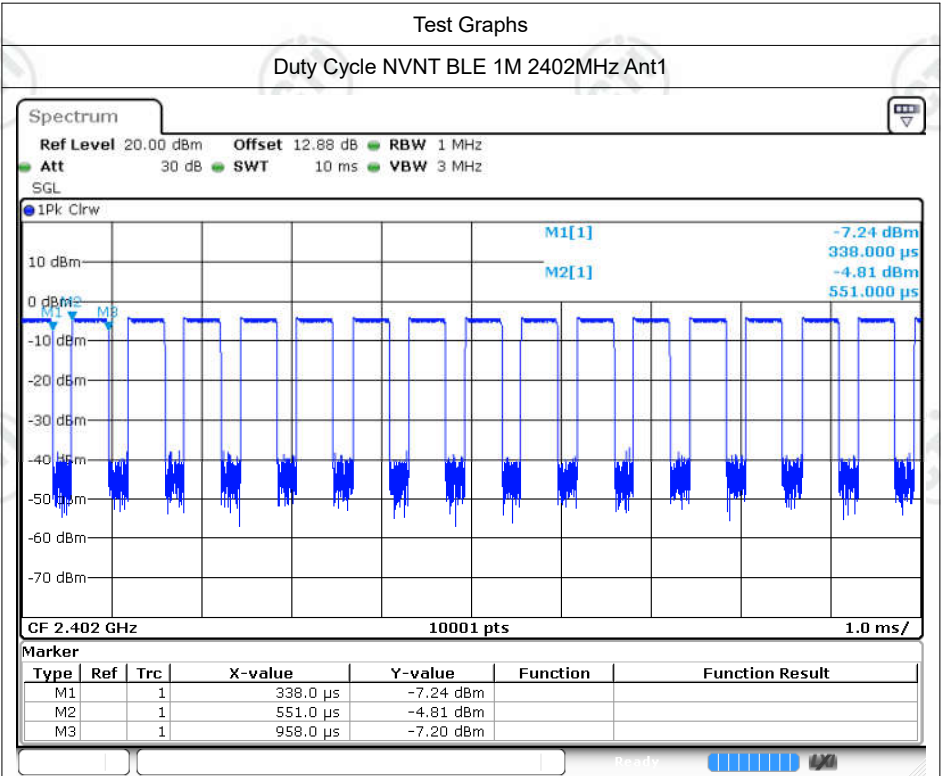
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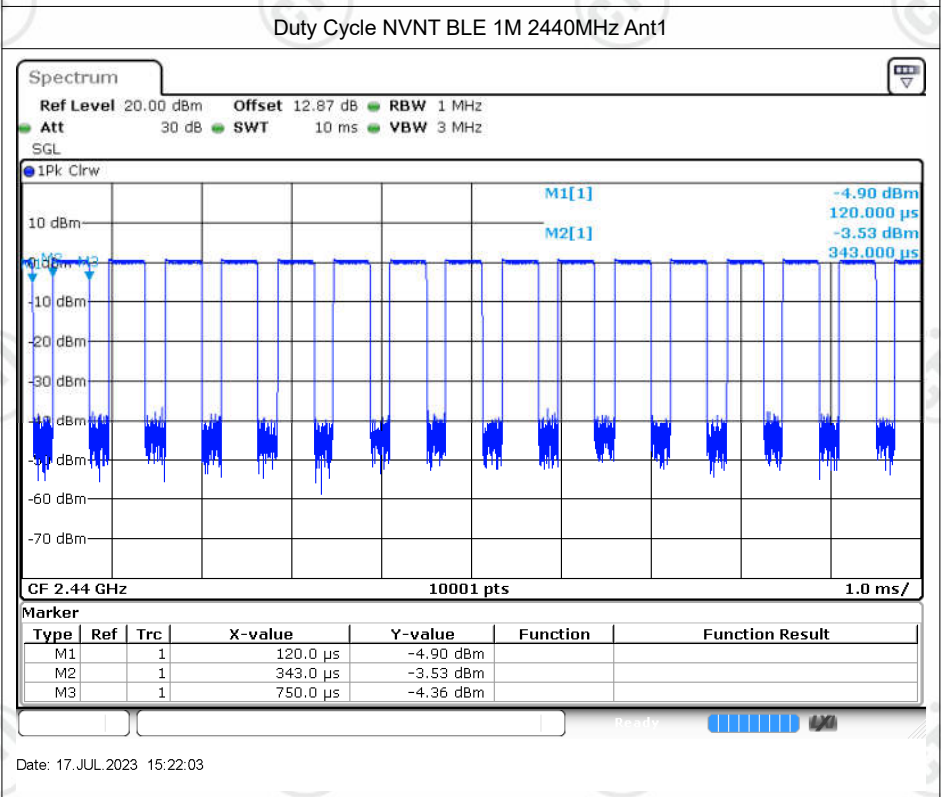
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Duty Cycle

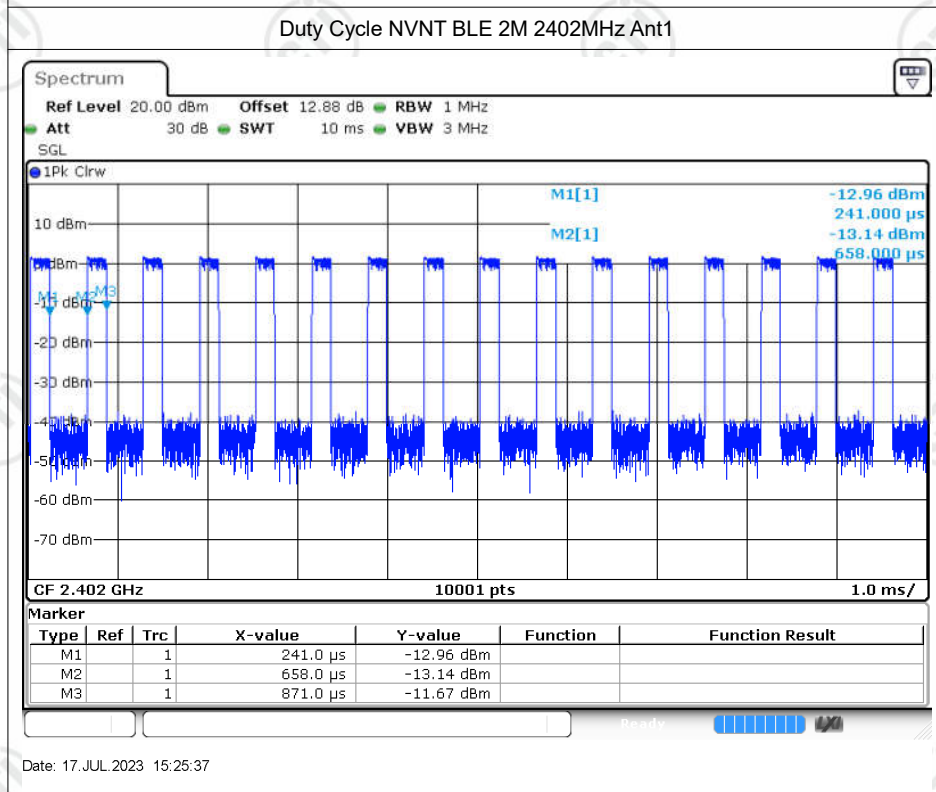
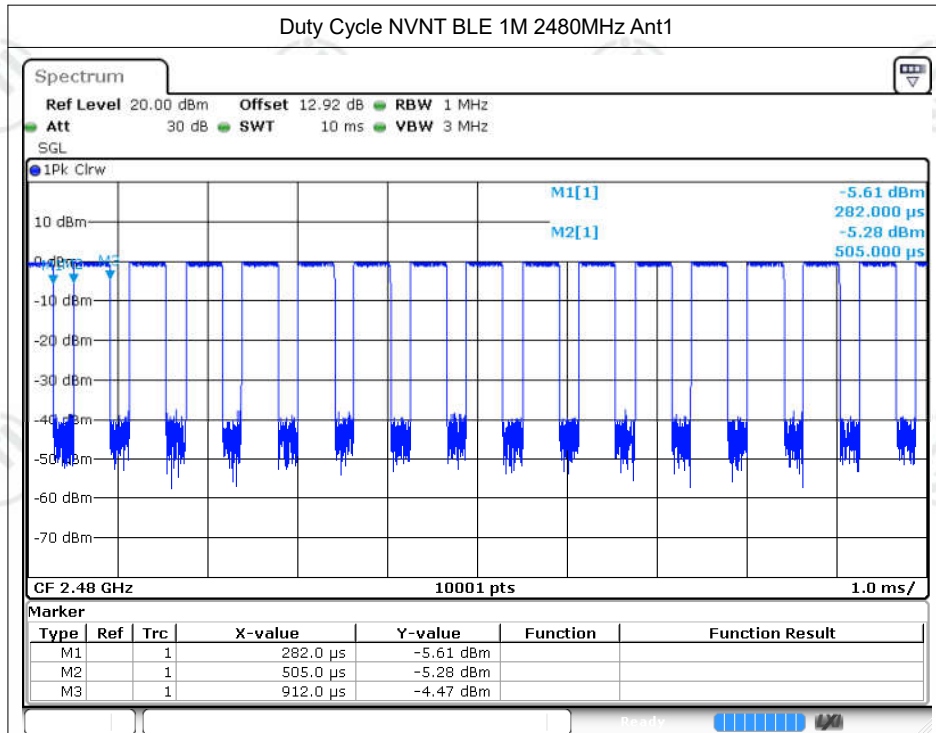
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	65.65	1.83	2.46
NVNT	BLE 1M	2440	Ant1	64.6	1.9	2.46
NVNT	BLE 1M	2480	Ant1	64.6	1.9	2.46
NVNT	BLE 2M	2402	Ant1	33.81	4.71	4.69
NVNT	BLE 2M	2440	Ant1	34.52	4.62	4.67
NVNT	BLE 2M	2480	Ant1	33.81	4.71	4.69

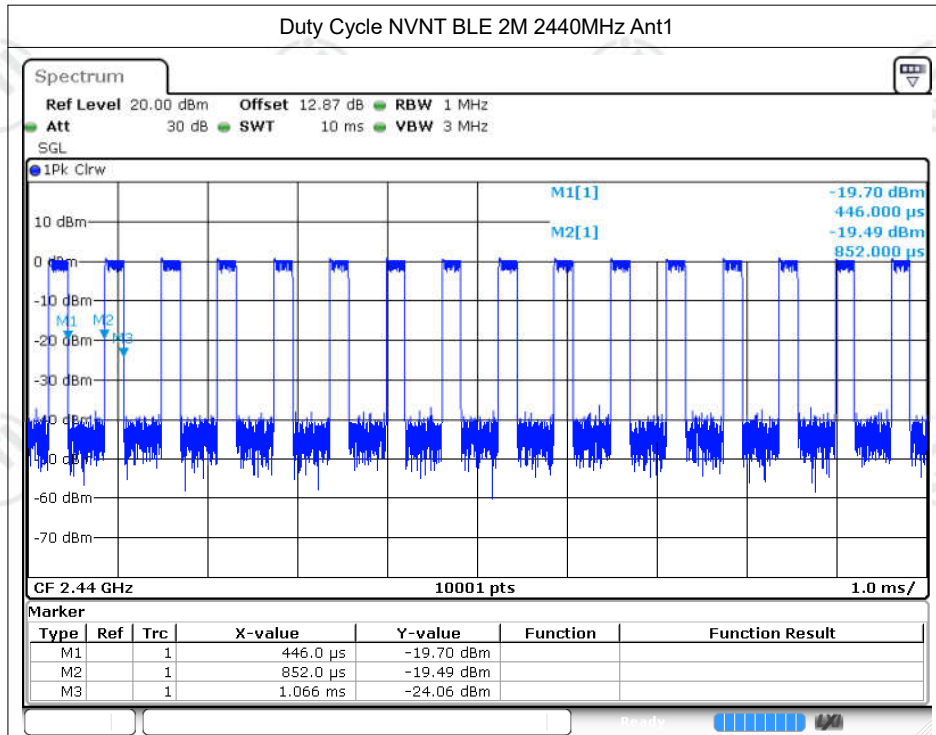


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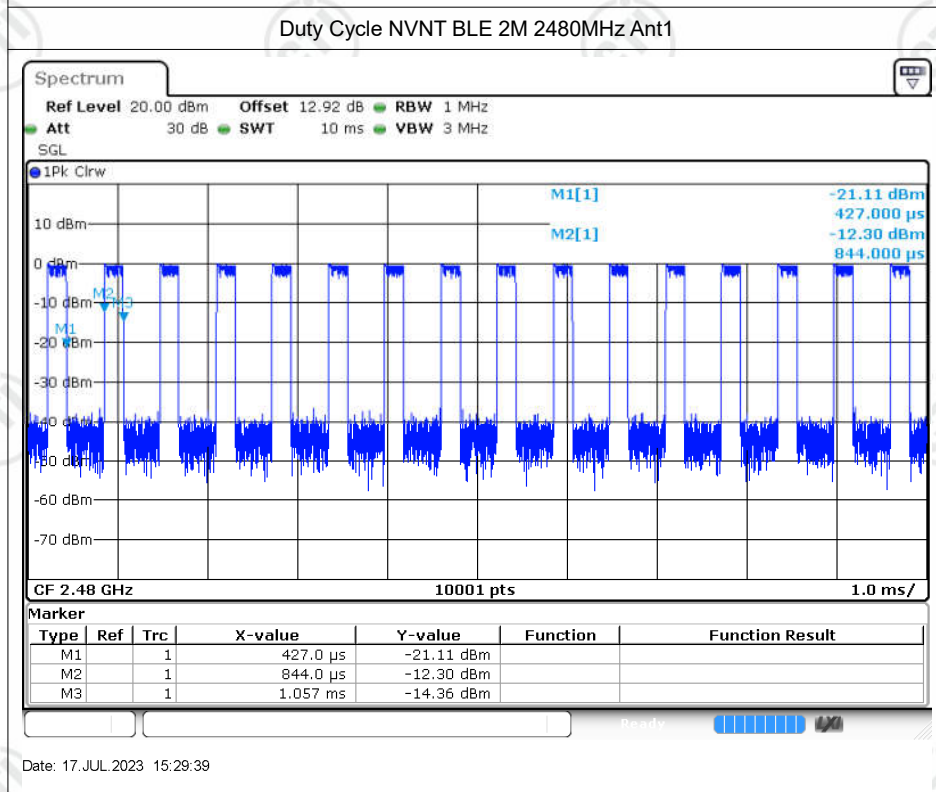


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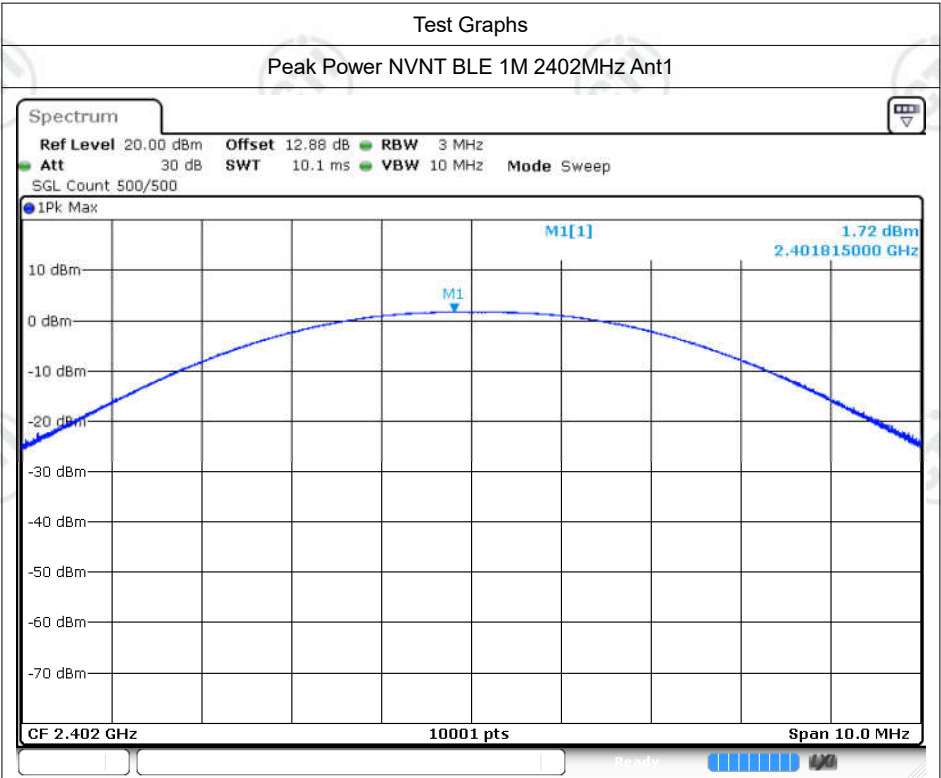
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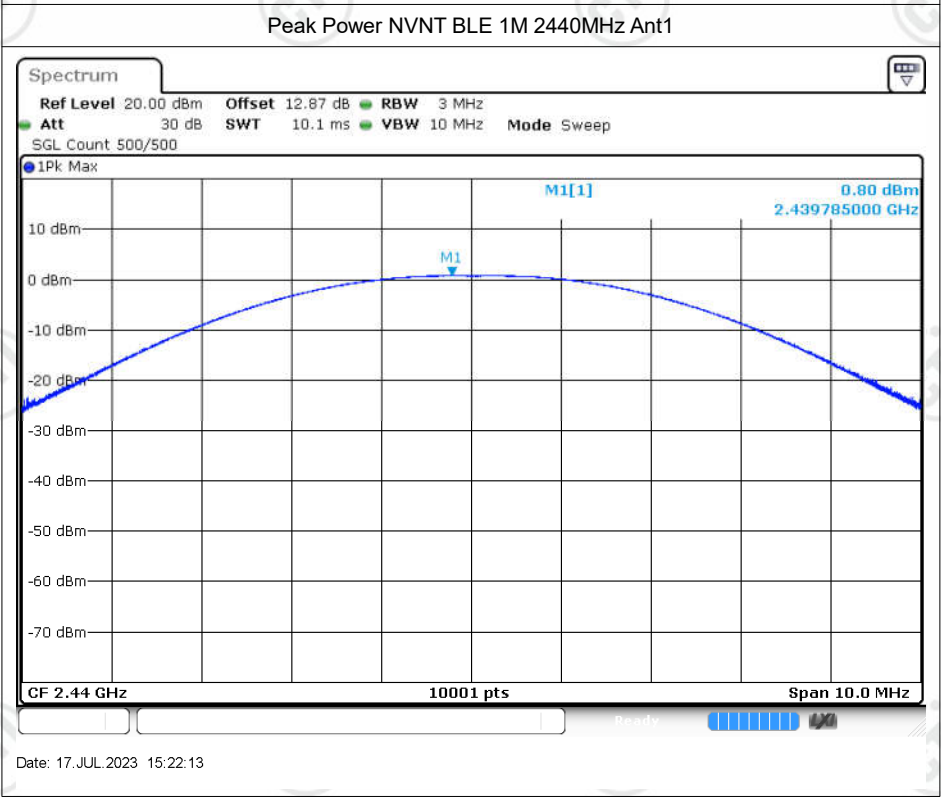
Date: 17. JUL. 2023 15:29:39

Maximum Peak Conducted Output Power

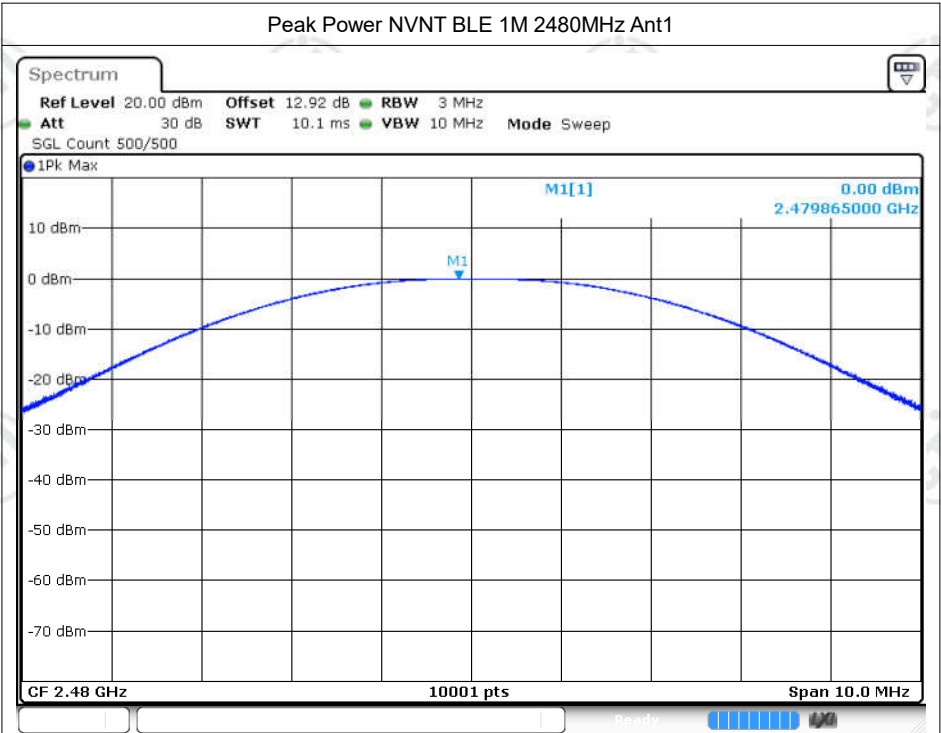
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.72	30	Pass
NVNT	BLE 1M	2440	Ant1	0.8	30	Pass
NVNT	BLE 1M	2480	Ant1	0	30	Pass
NVNT	BLE 2M	2402	Ant1	1.72	30	Pass
NVNT	BLE 2M	2440	Ant1	0.79	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.02	30	Pass



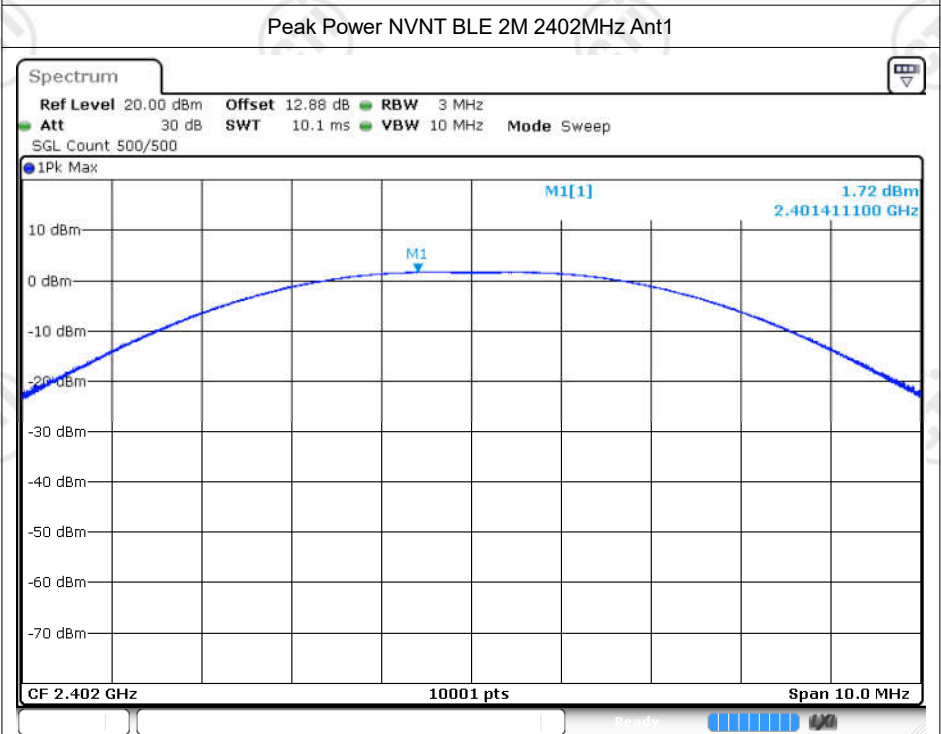
Date: 17.JUL.2023 15:20:27



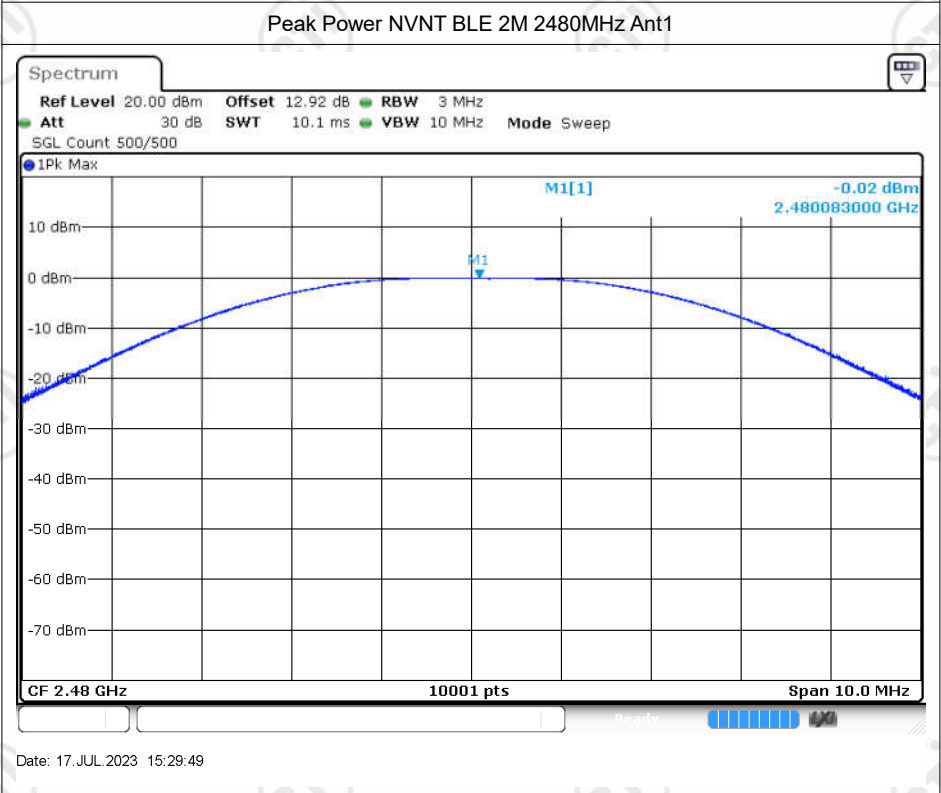
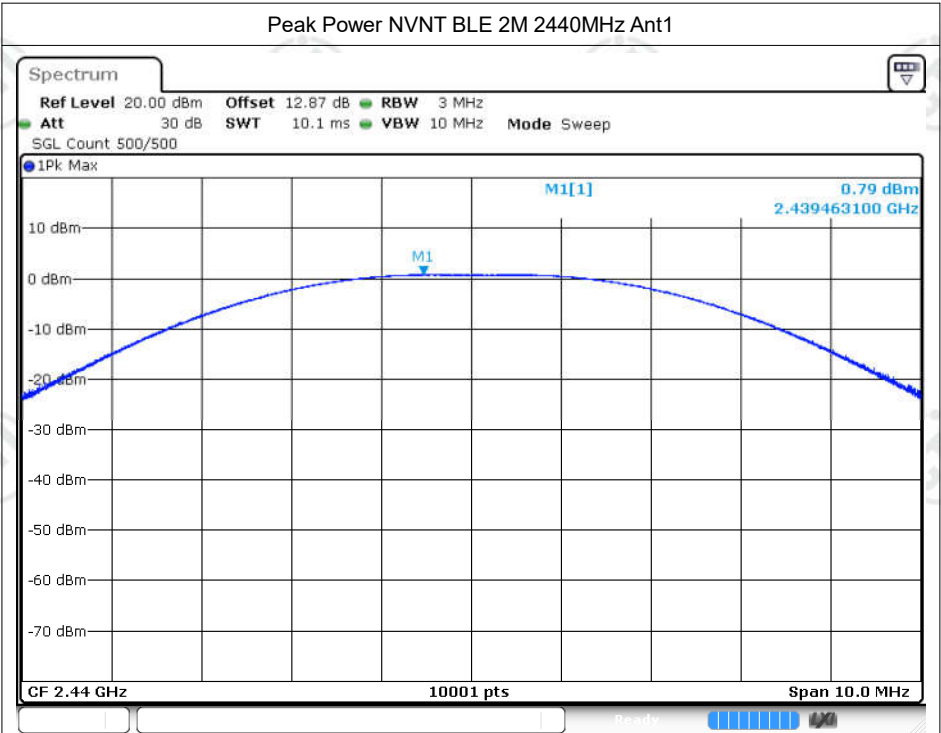
Date: 17.JUL.2023 15:22:13



Date: 17. JUL. 2023 15:23:49

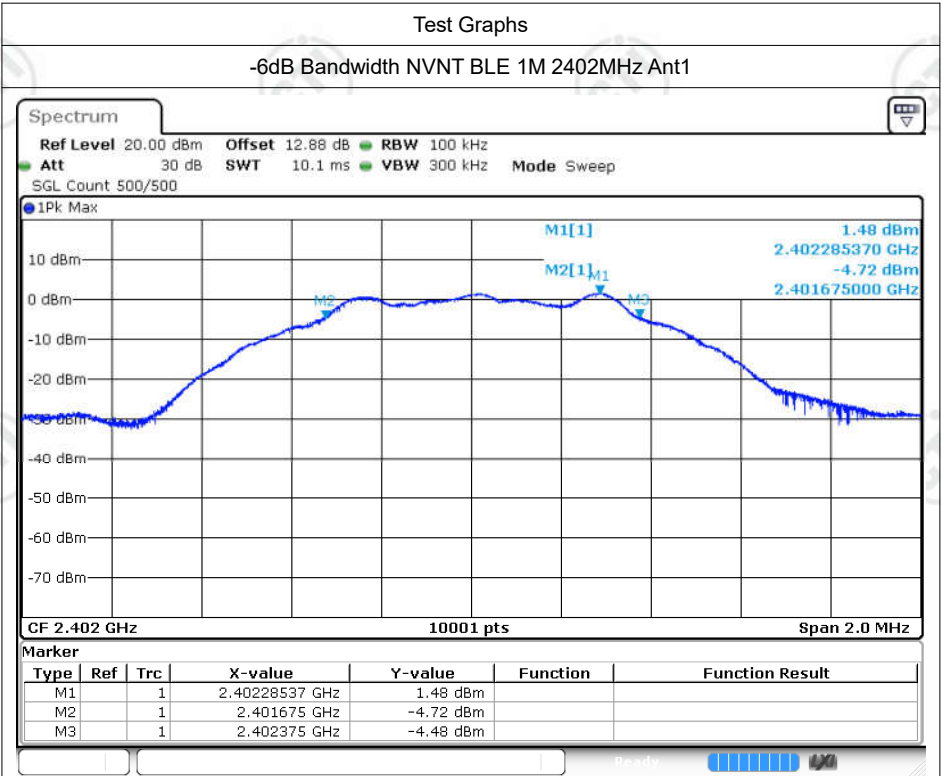


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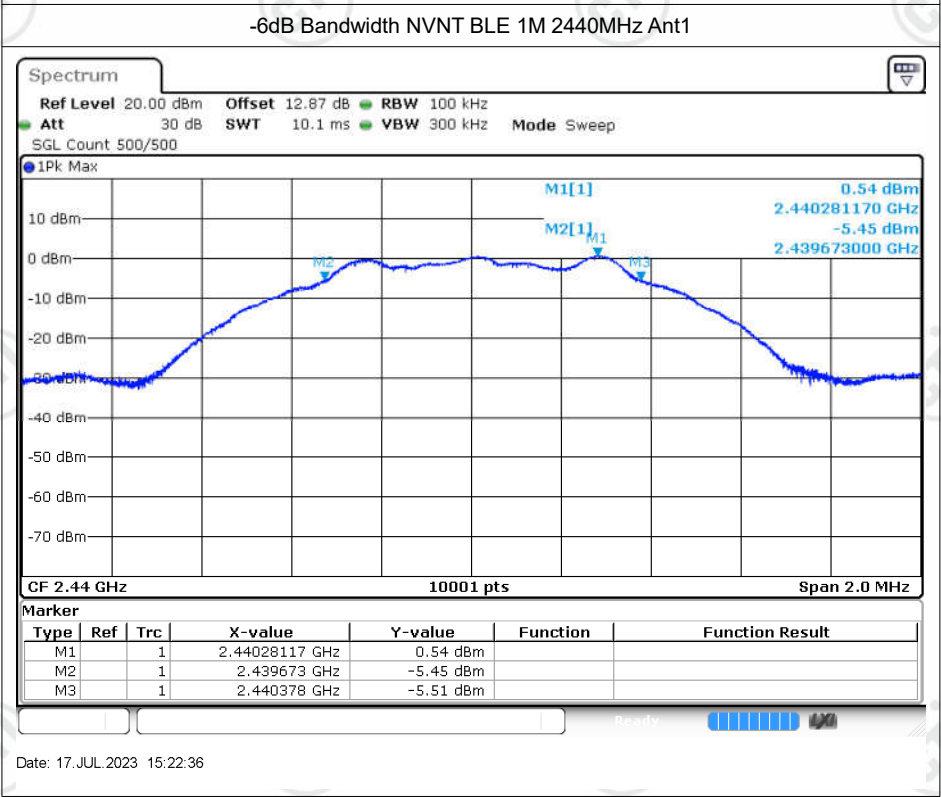


-6dB Bandwidth

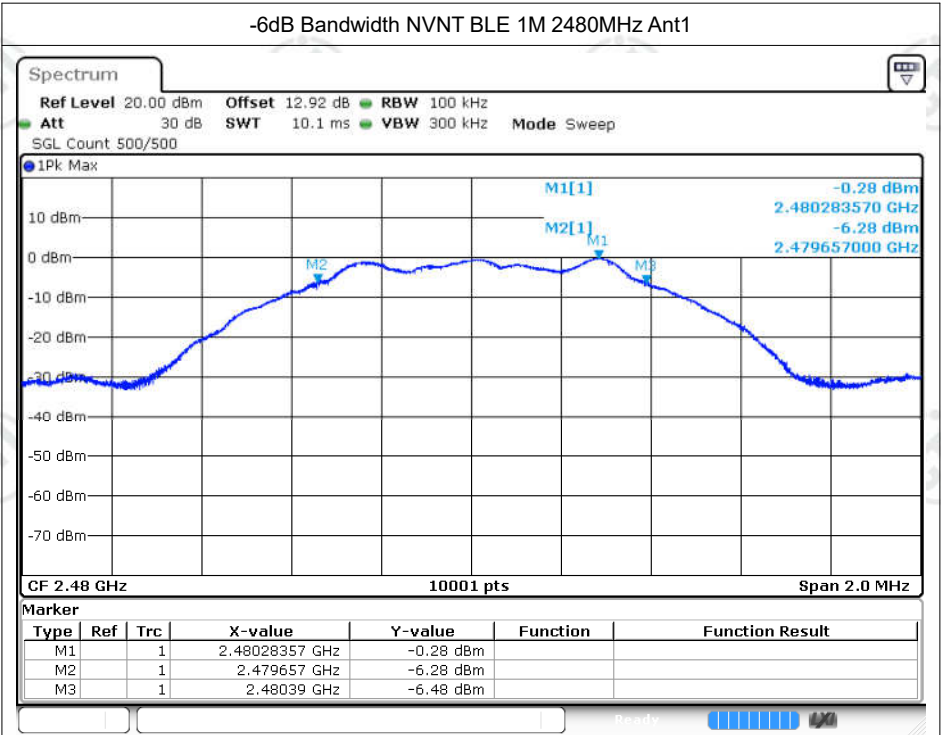
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.7	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.705	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.733	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.147	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.161	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.146	0.5	Pass



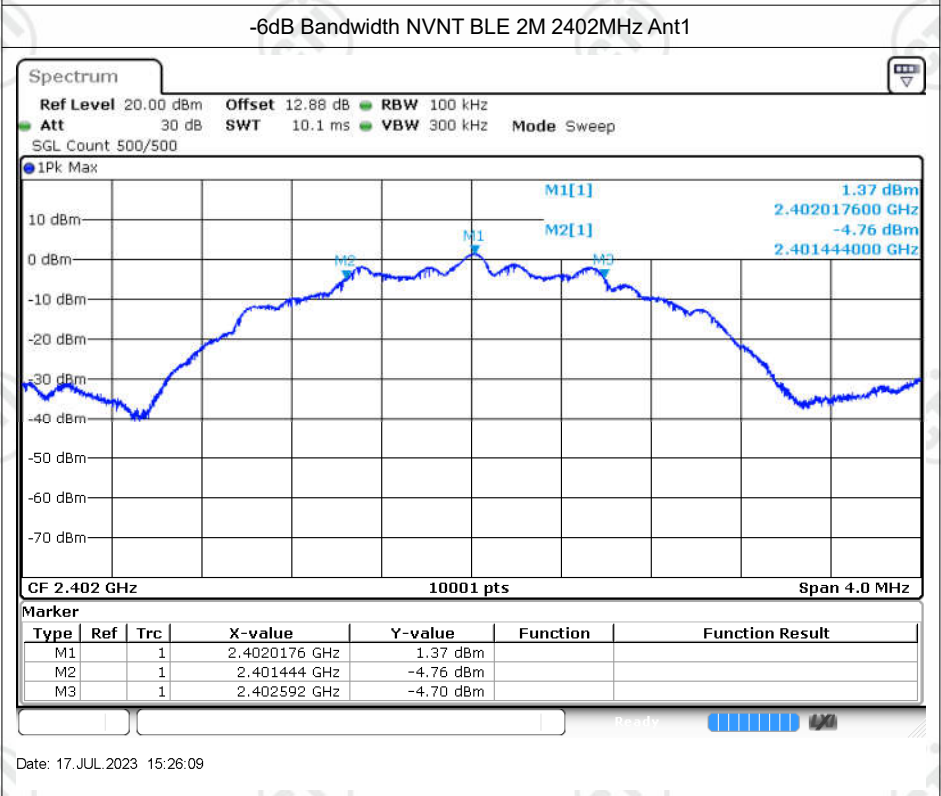
Date: 17.JUL.2023 15:20:54



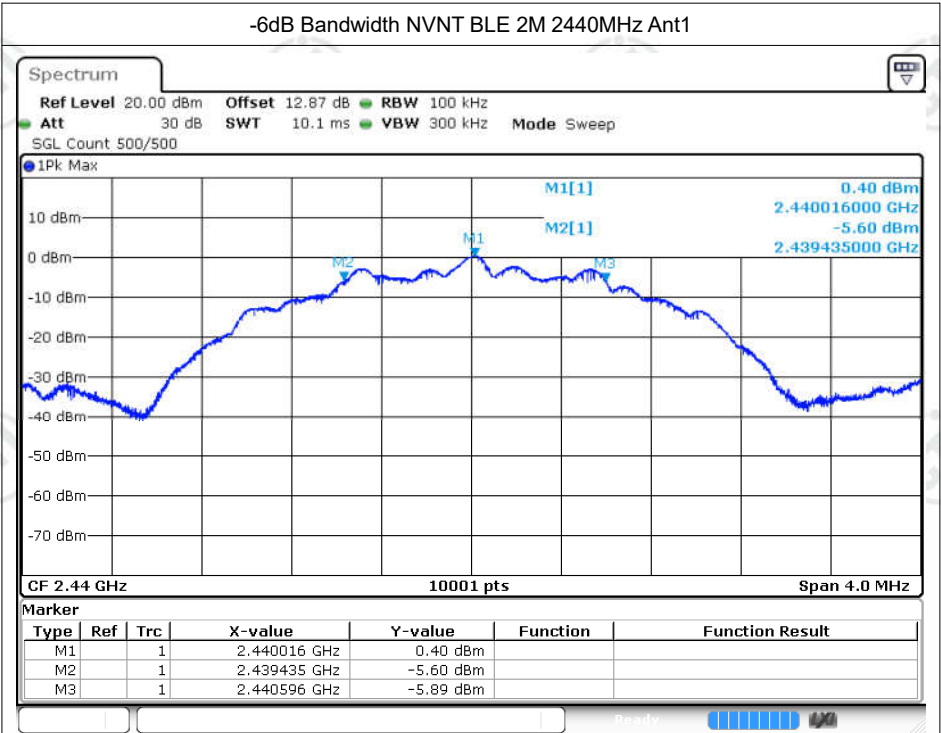
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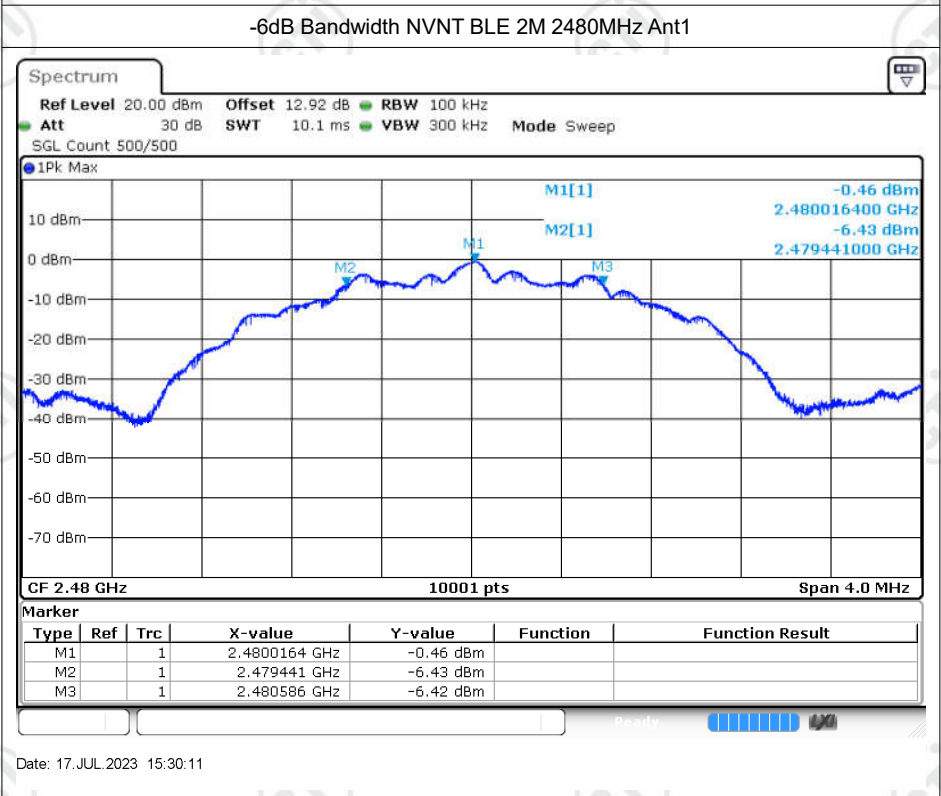
Date: 17. JUL. 2023 15:24:11



Date: 17. JUL. 2023 15:26:09



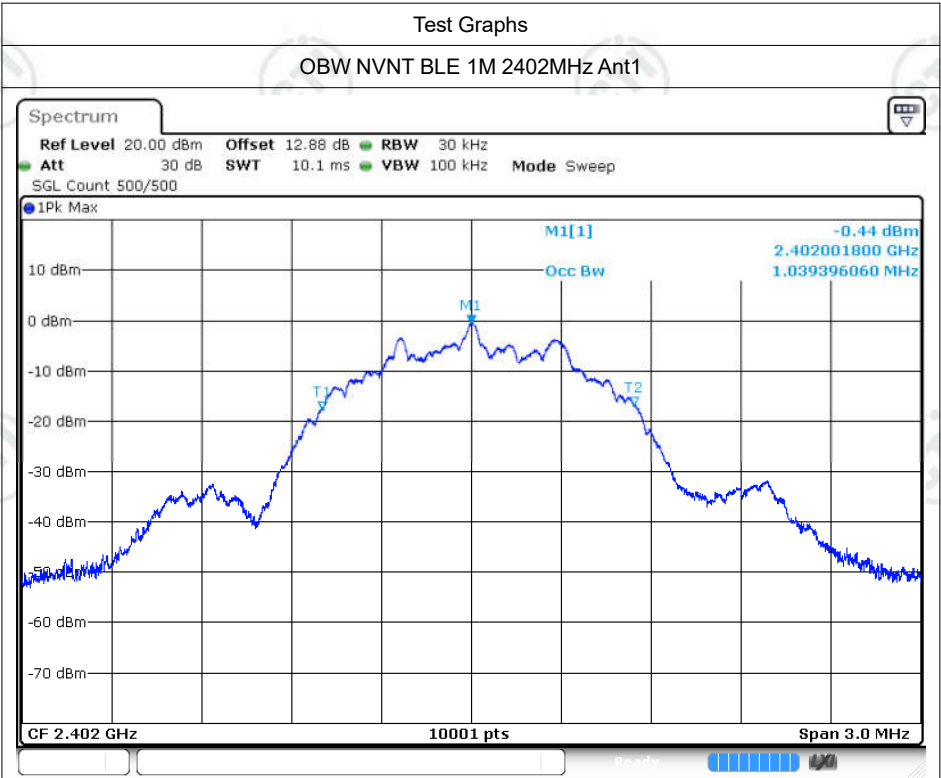
Date: 17. JUL. 2023 15:28:30



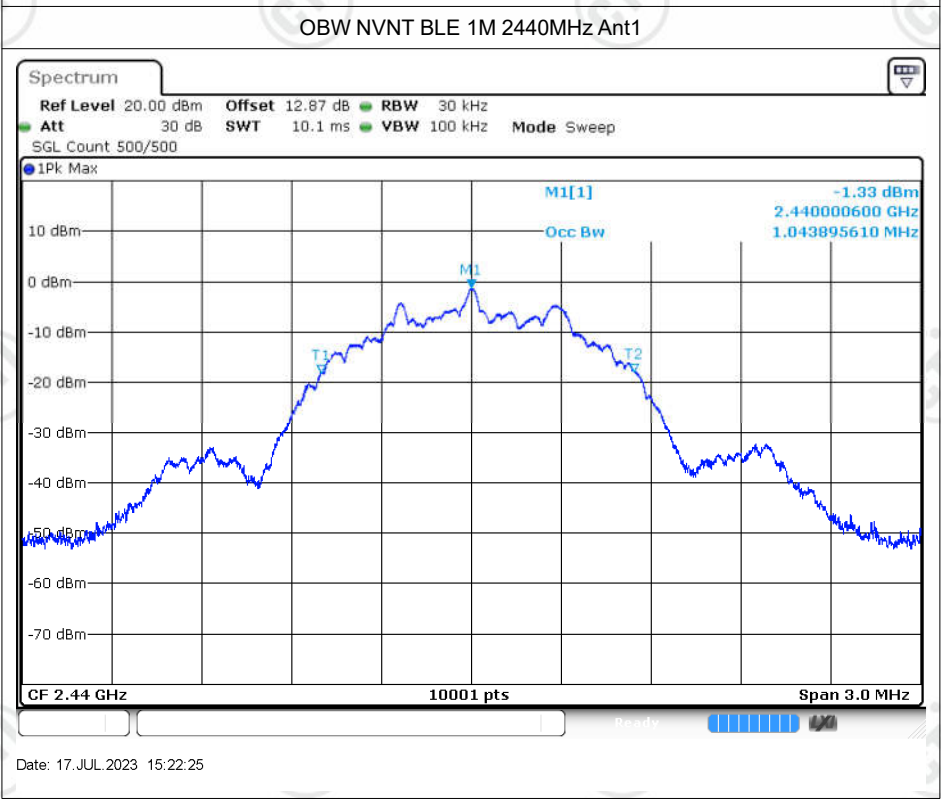
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Occupied Channel Bandwidth

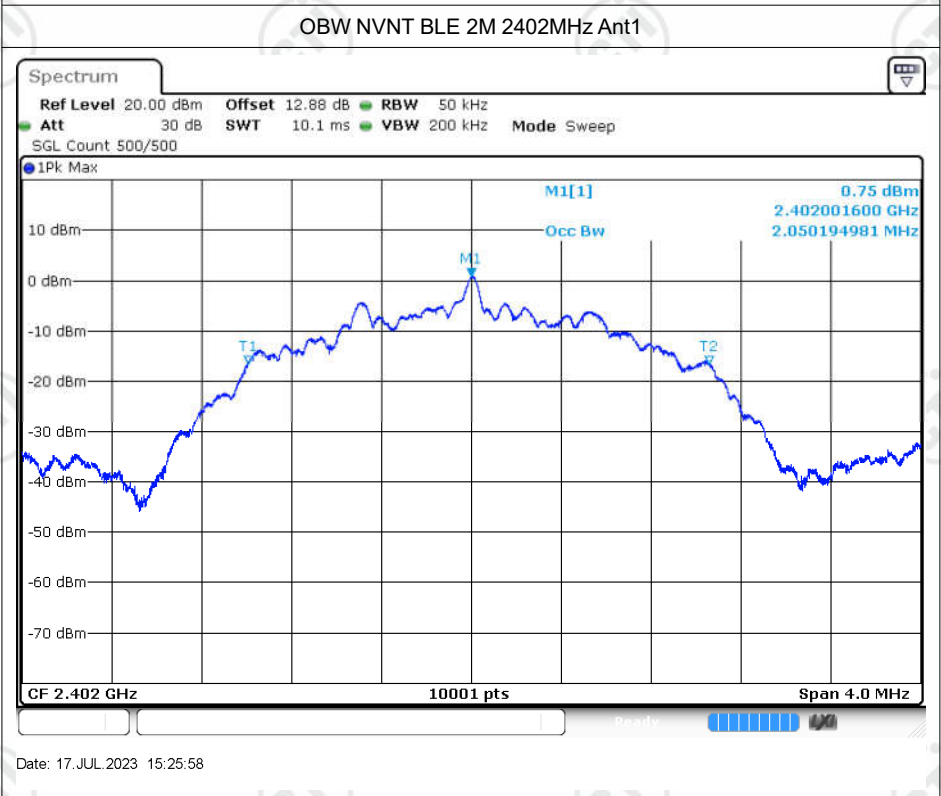
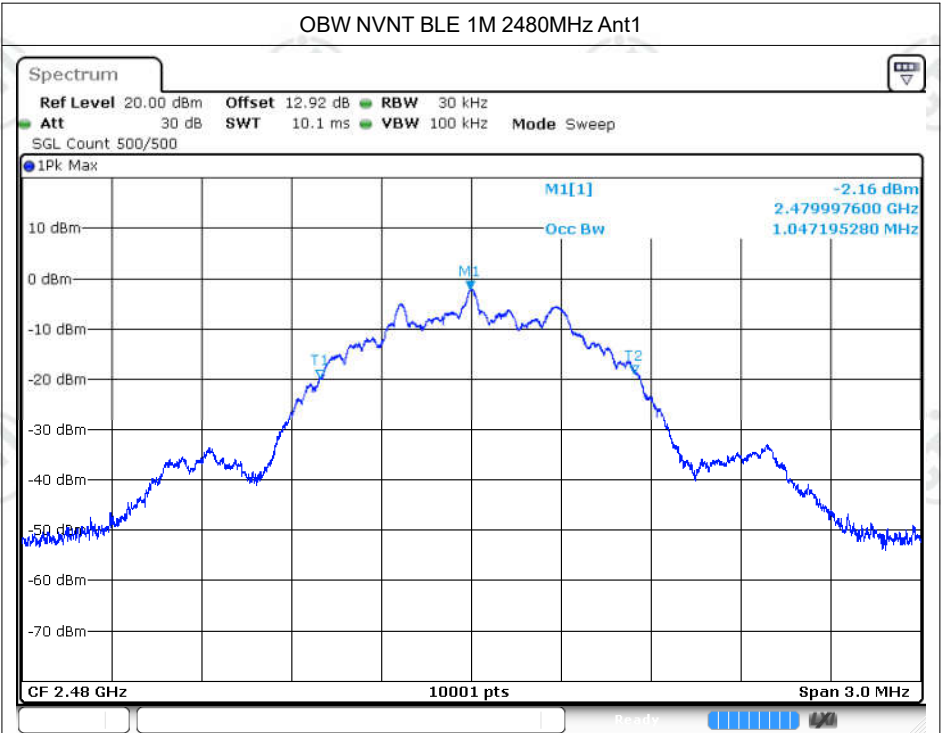
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.039
NVNT	BLE 1M	2440	Ant1	1.044
NVNT	BLE 1M	2480	Ant1	1.047
NVNT	BLE 2M	2402	Ant1	2.05
NVNT	BLE 2M	2440	Ant1	2.054
NVNT	BLE 2M	2480	Ant1	2.051

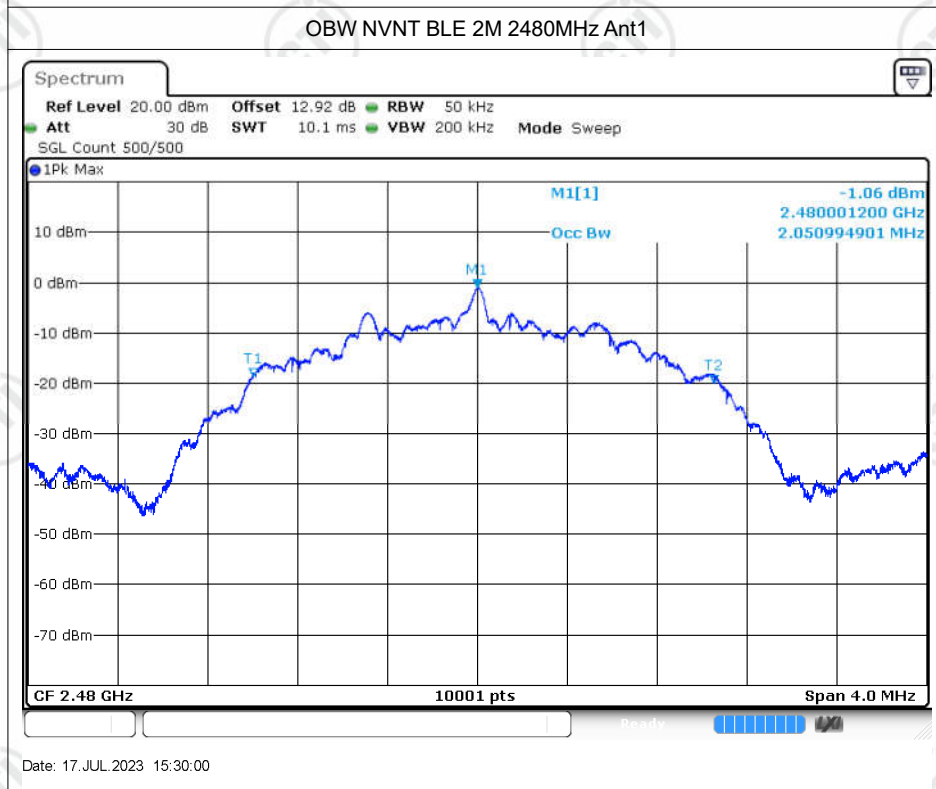
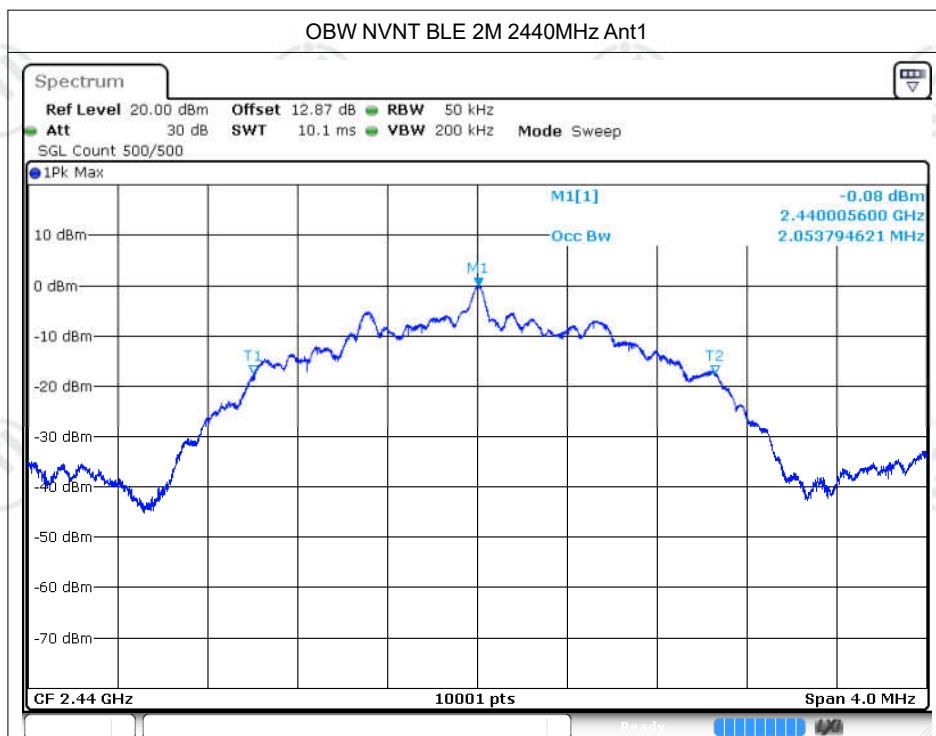


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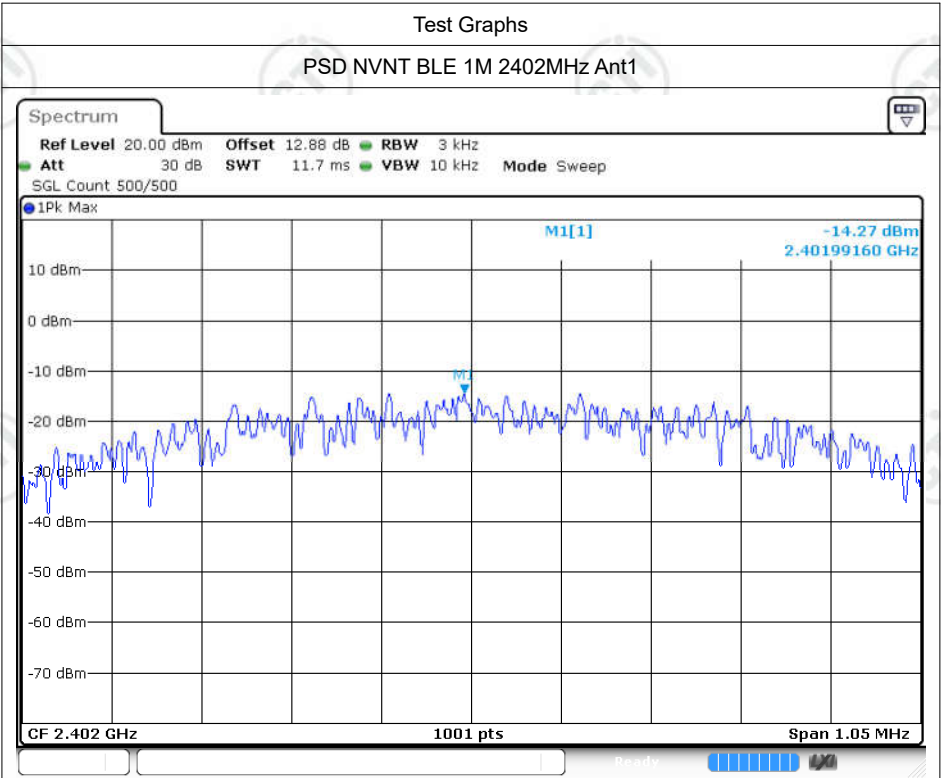
Date: 17.JUL.2023 15:22:25



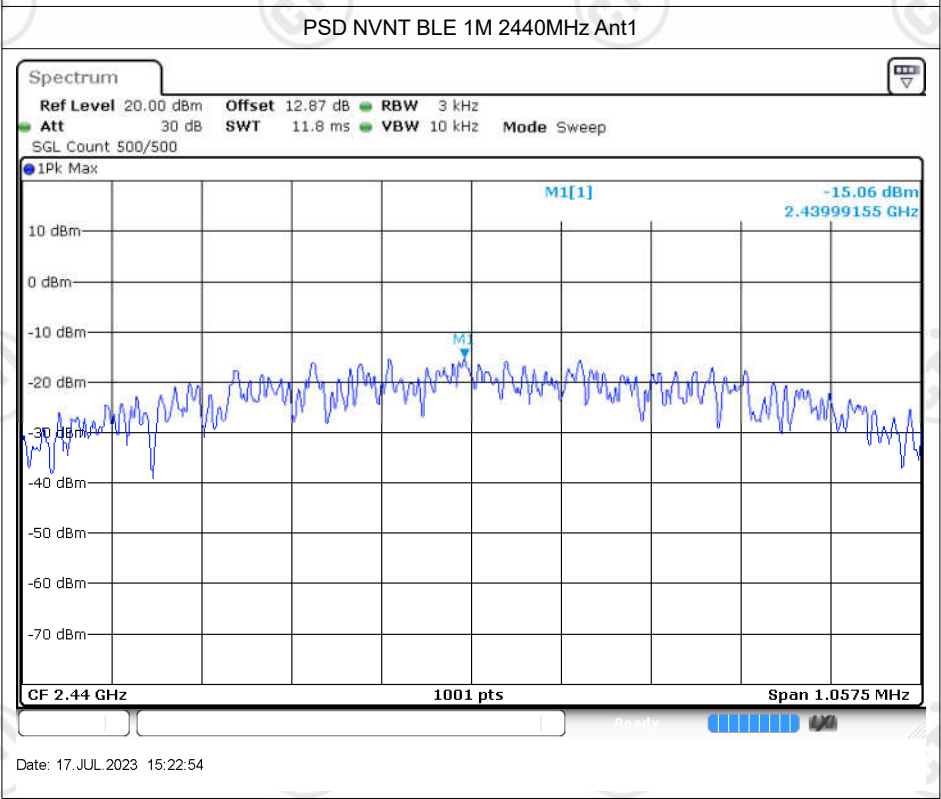


Maximum Power Spectral Density Level

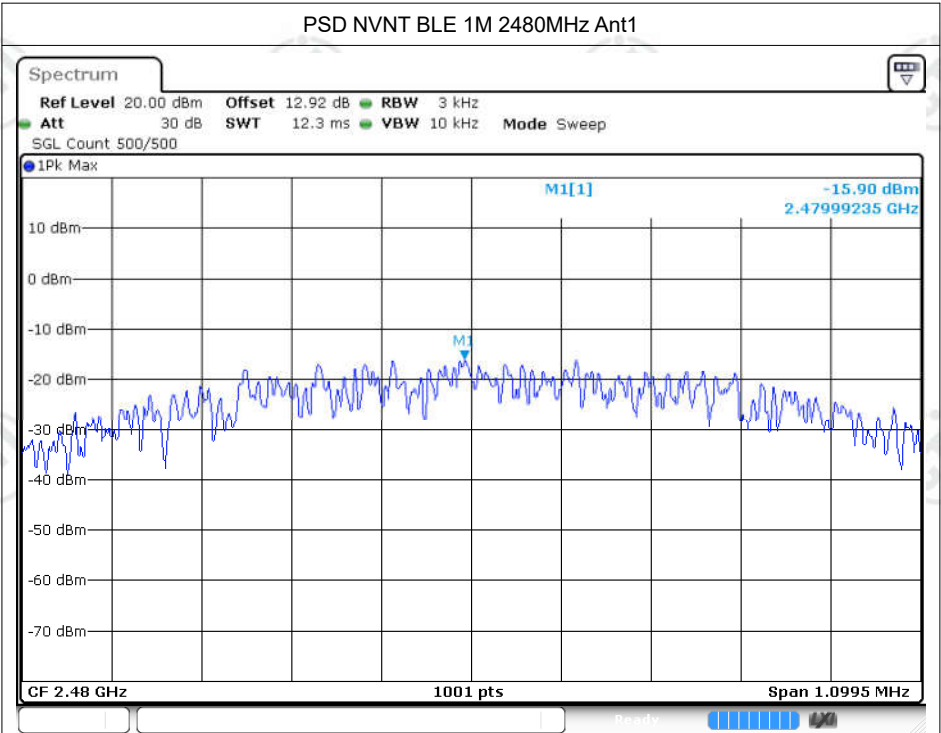
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-14.27	8	Pass
NVNT	BLE 1M	2440	Ant1	-15.06	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.9	8	Pass
NVNT	BLE 2M	2402	Ant1	-16.12	8	Pass
NVNT	BLE 2M	2440	Ant1	-17.09	8	Pass
NVNT	BLE 2M	2480	Ant1	-17.84	8	Pass



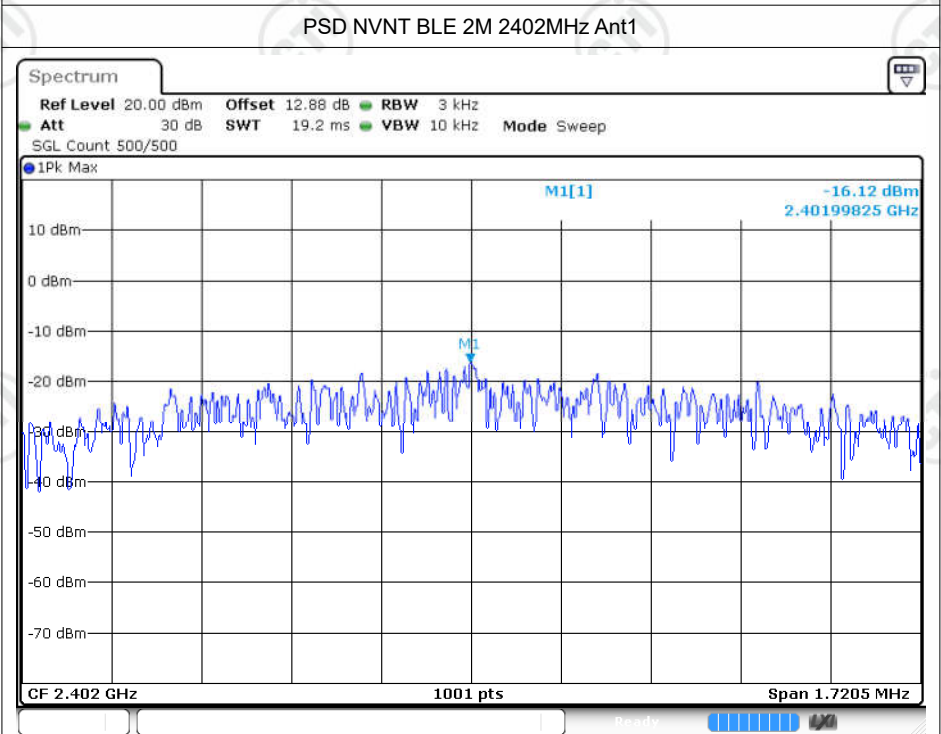
Date: 17.JUL.2023 15:21:12



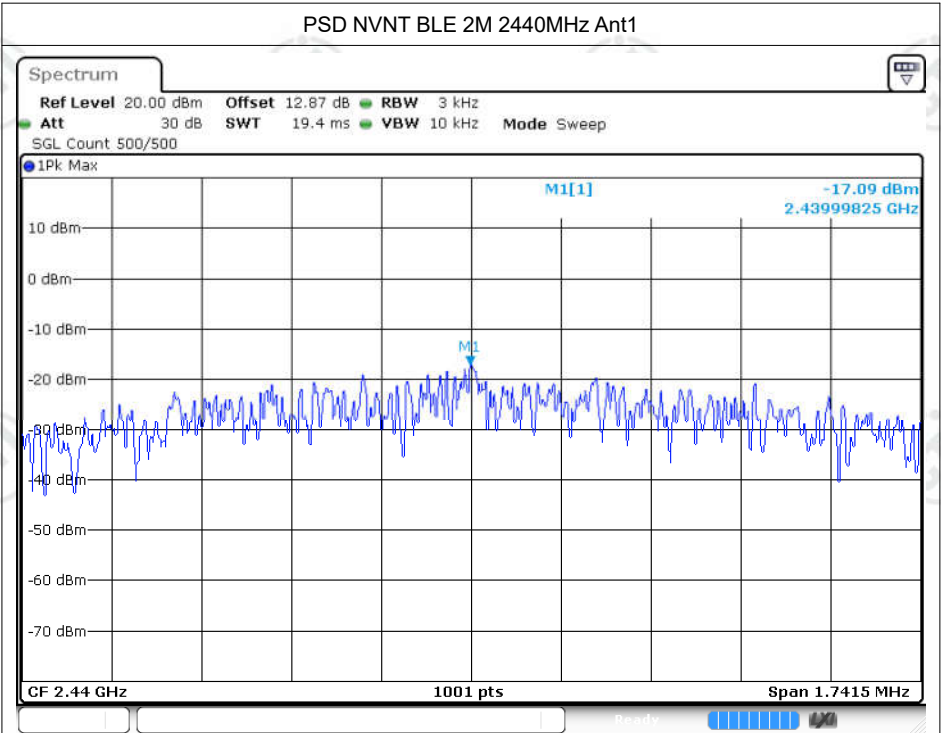
Date: 17.JUL.2023 15:22:54



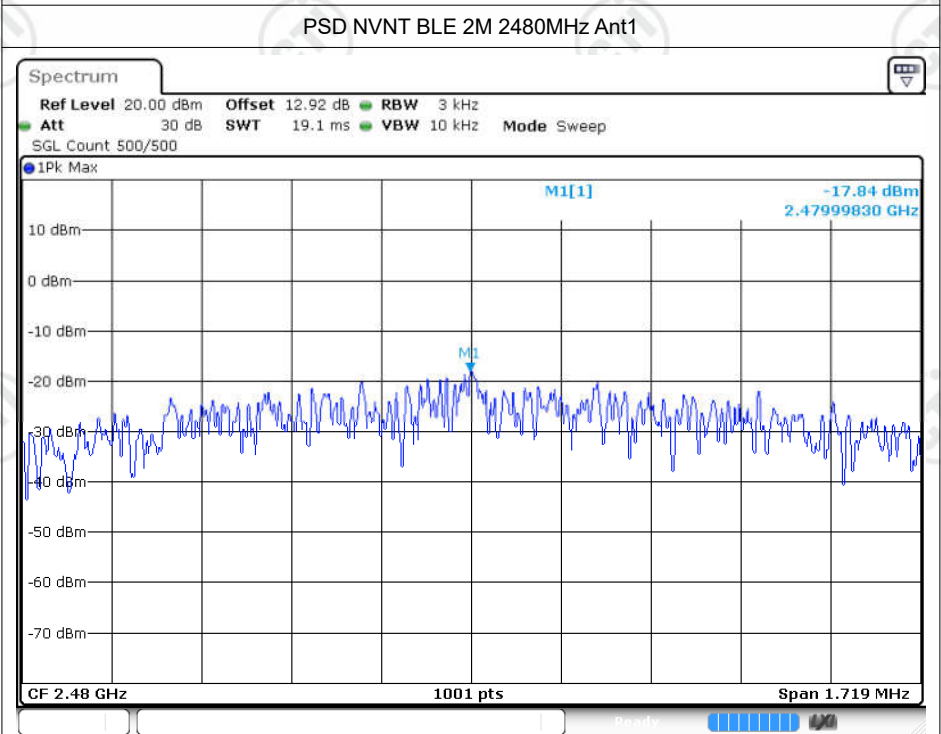
Date: 17. JUL. 2023 15:24:30



Date: 17. JUL. 2023 15:26:31



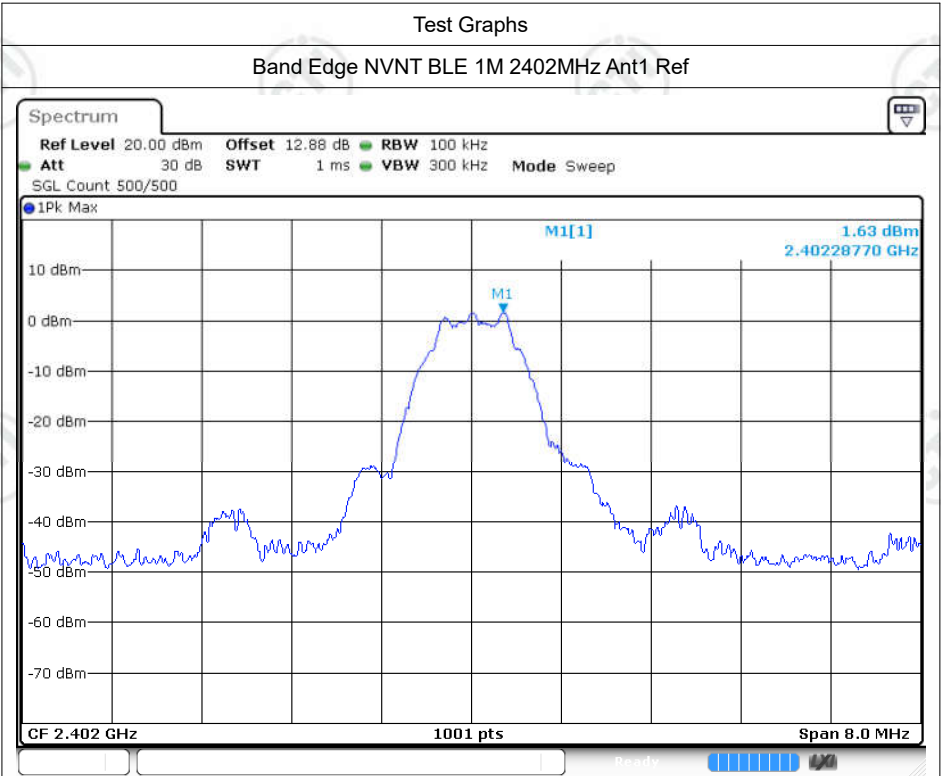
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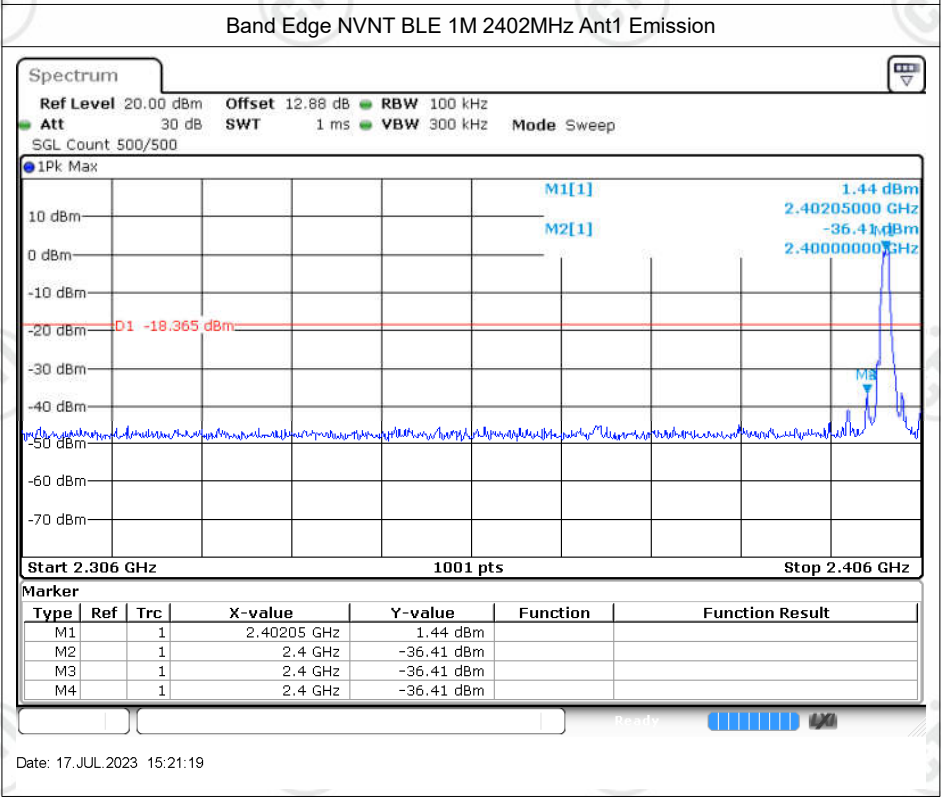
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Band Edge

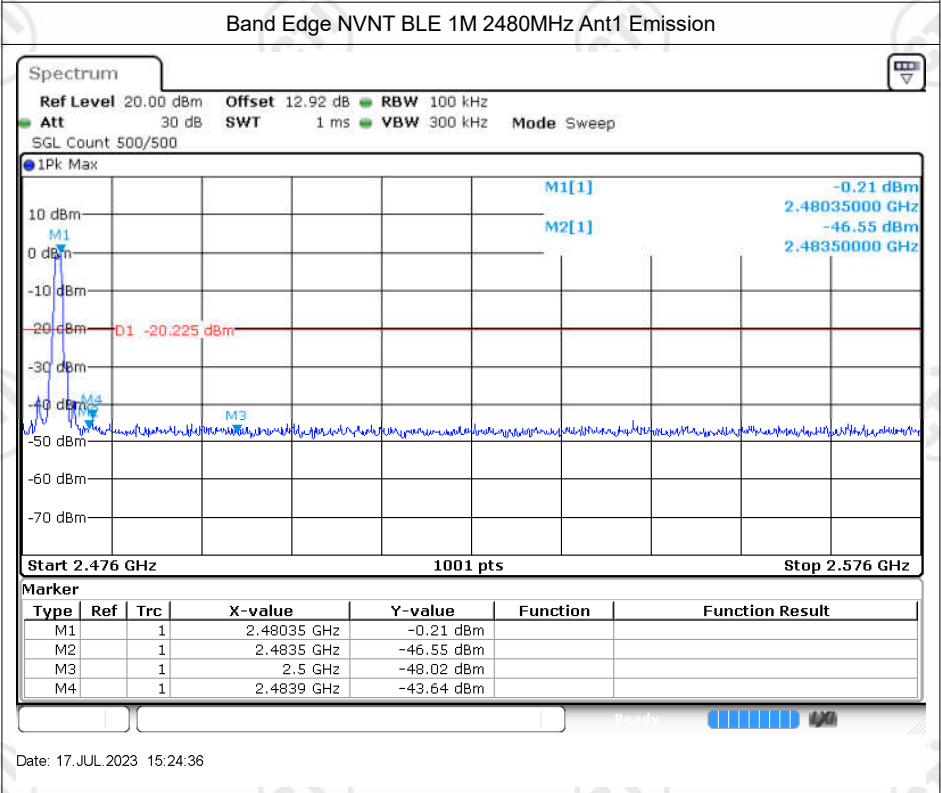
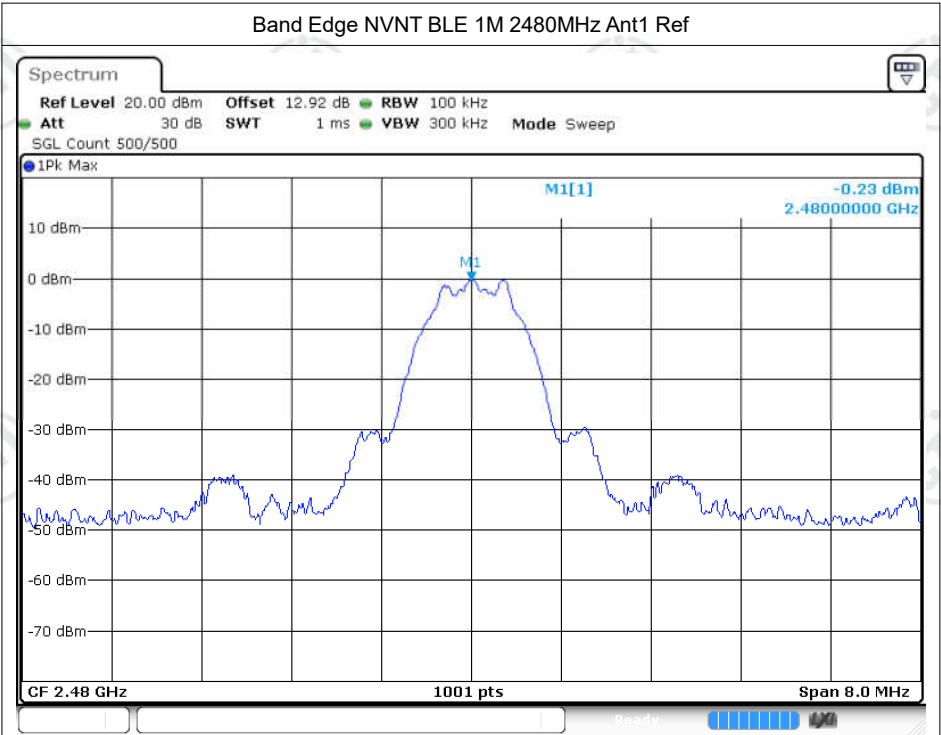
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-38.03	-20	Pass
NVNT	BLE 1M	2480	Ant1	-43.4	-20	Pass
NVNT	BLE 2M	2402	Ant1	-35.84	-20	Pass
NVNT	BLE 2M	2480	Ant1	-42.15	-20	Pass

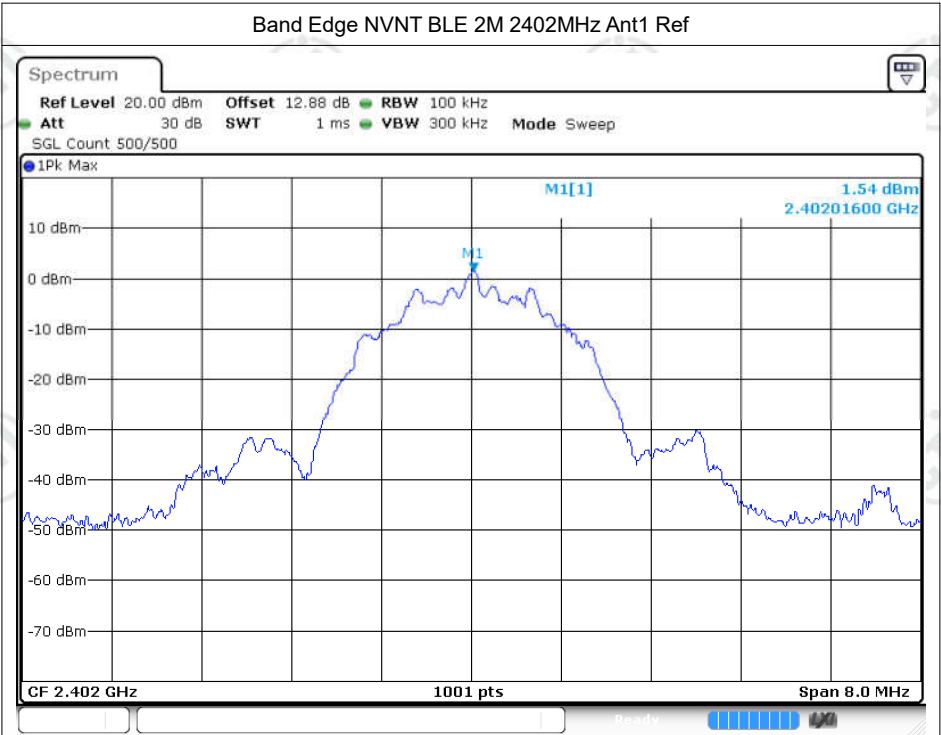


Date: 17.JUL.2023 15:21:15

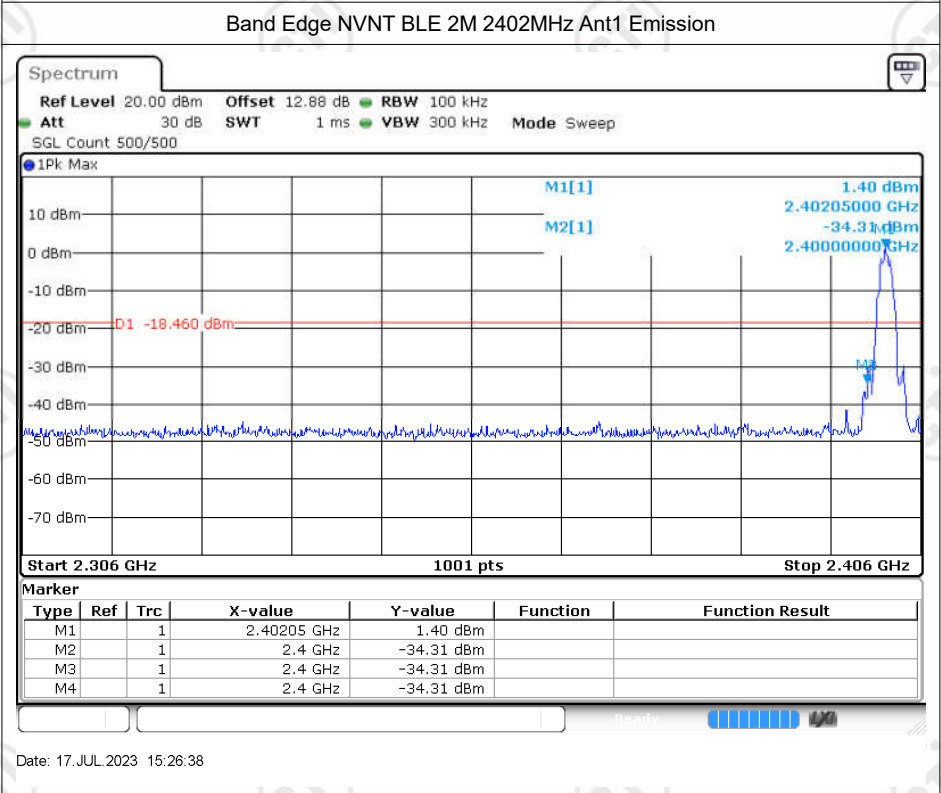


Date: 17.JUL.2023 15:21:19

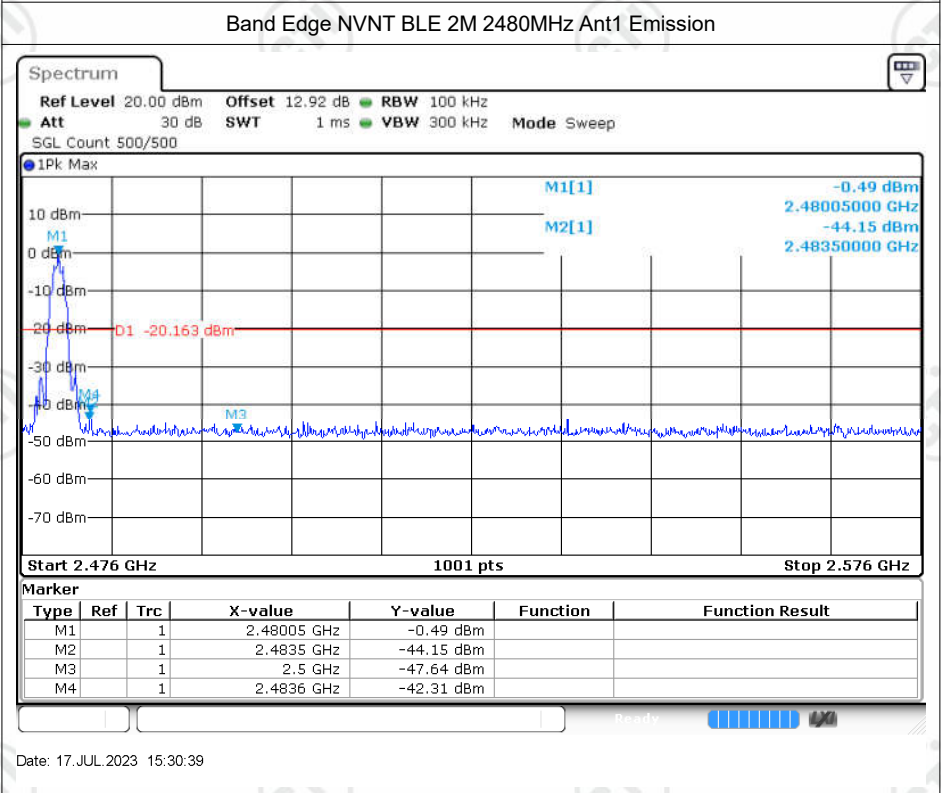
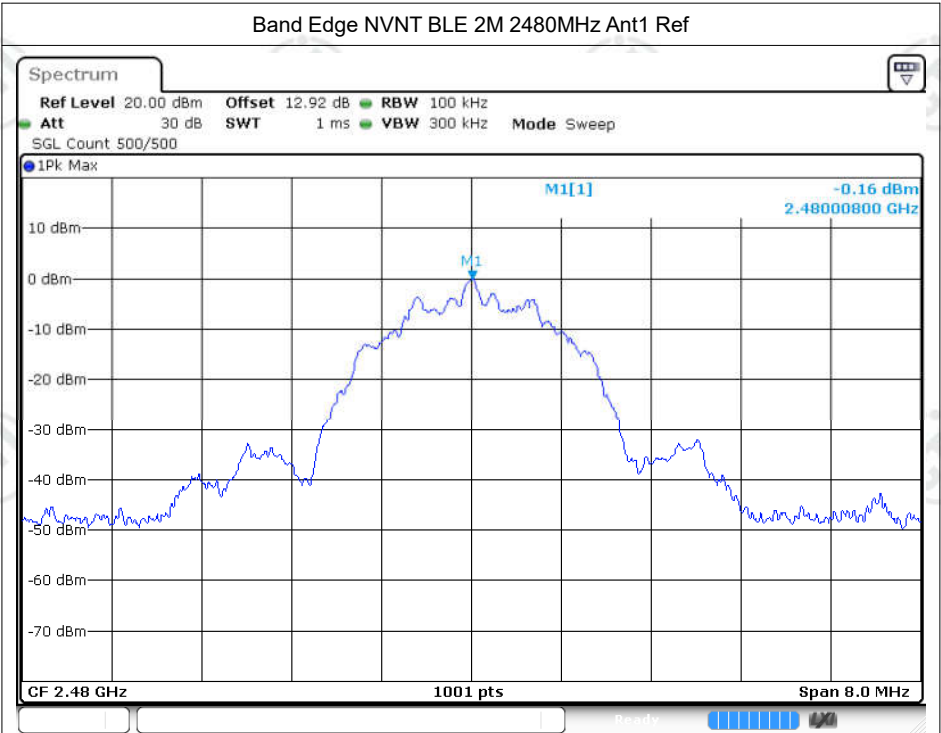




Date: 17. JUL. 2023 15:26:34

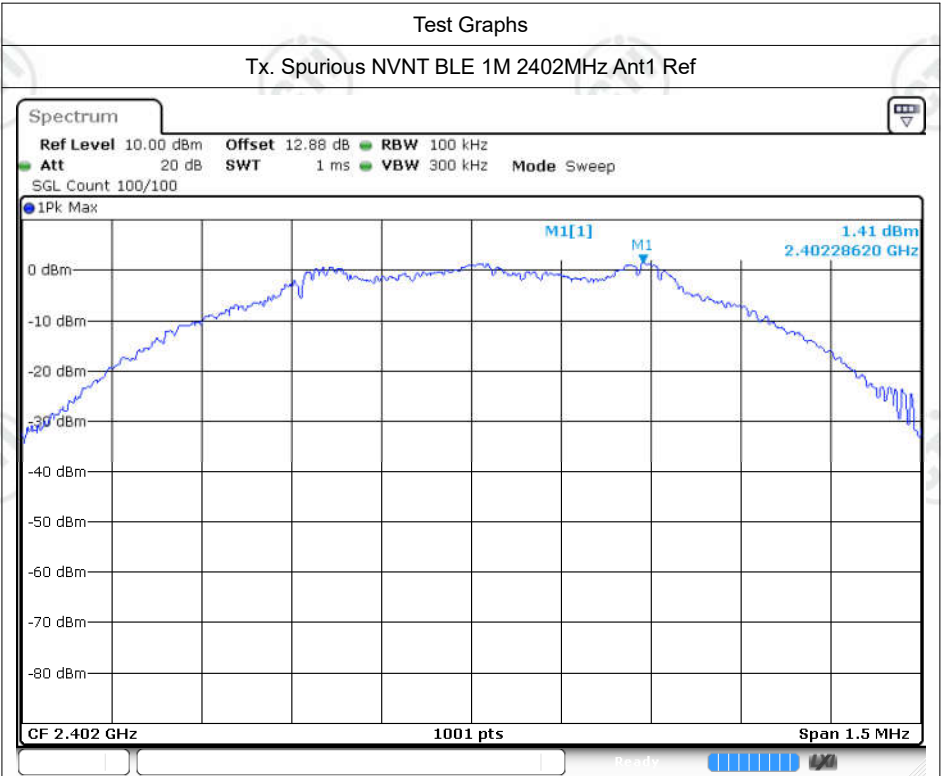


Date: 17. JUL. 2023 15:26:38

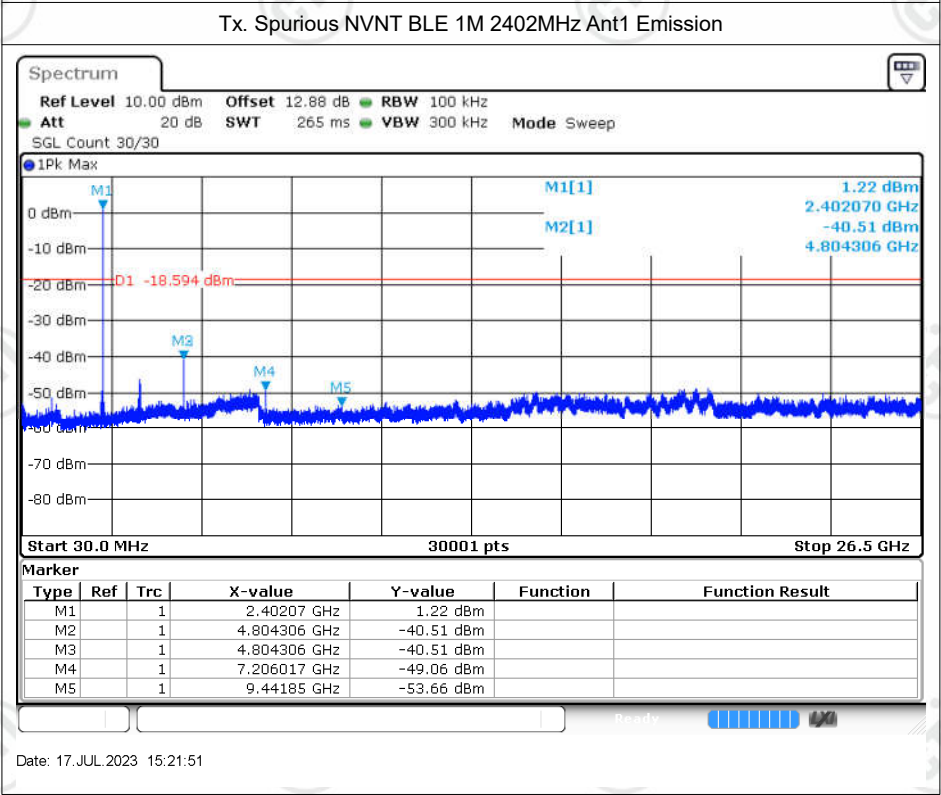


Conducted RF Spurious Emission

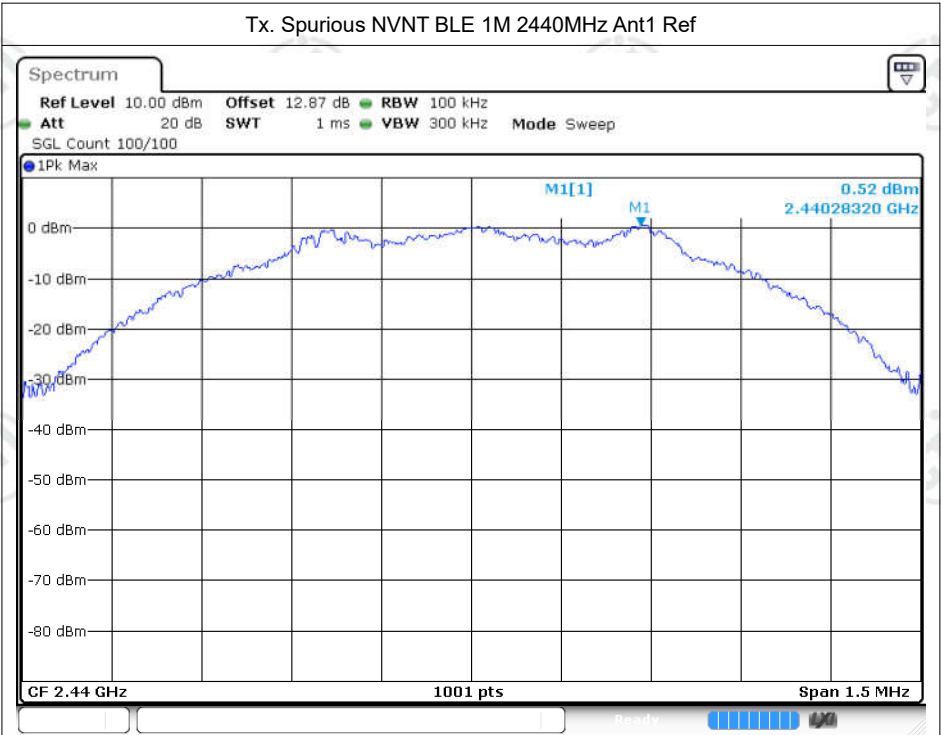
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-41.92	-20	Pass
NVNT	BLE 1M	2440	Ant1	-40.25	-20	Pass
NVNT	BLE 1M	2480	Ant1	-42.4	-20	Pass
NVNT	BLE 2M	2402	Ant1	-43.2	-20	Pass
NVNT	BLE 2M	2440	Ant1	-44.1	-20	Pass
NVNT	BLE 2M	2480	Ant1	-41.58	-20	Pass



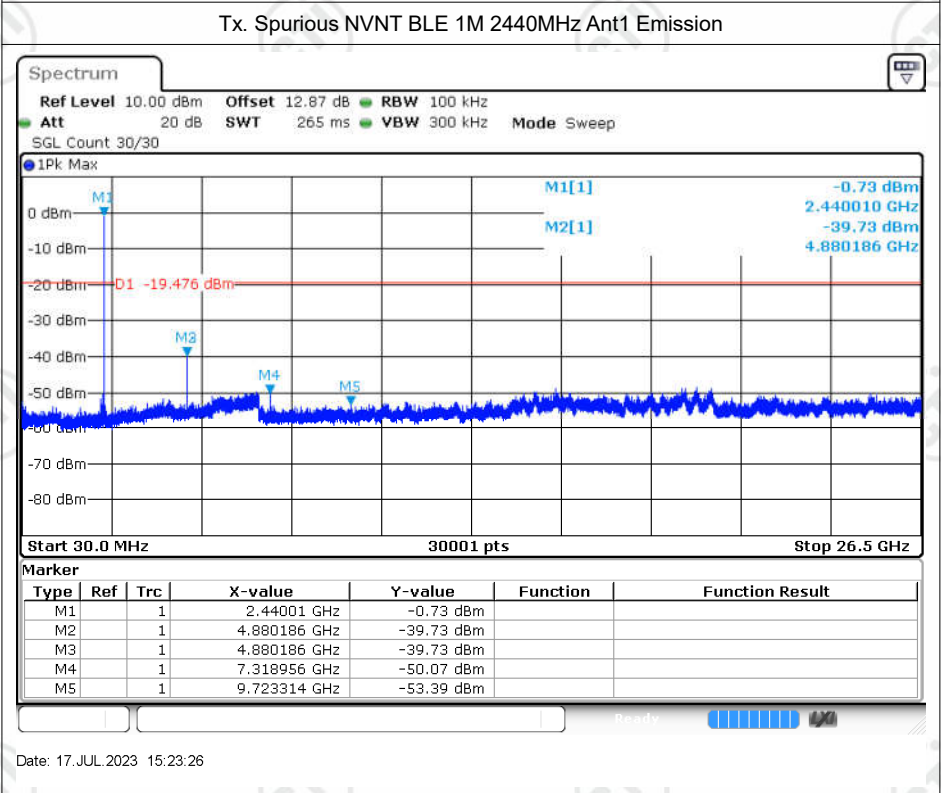
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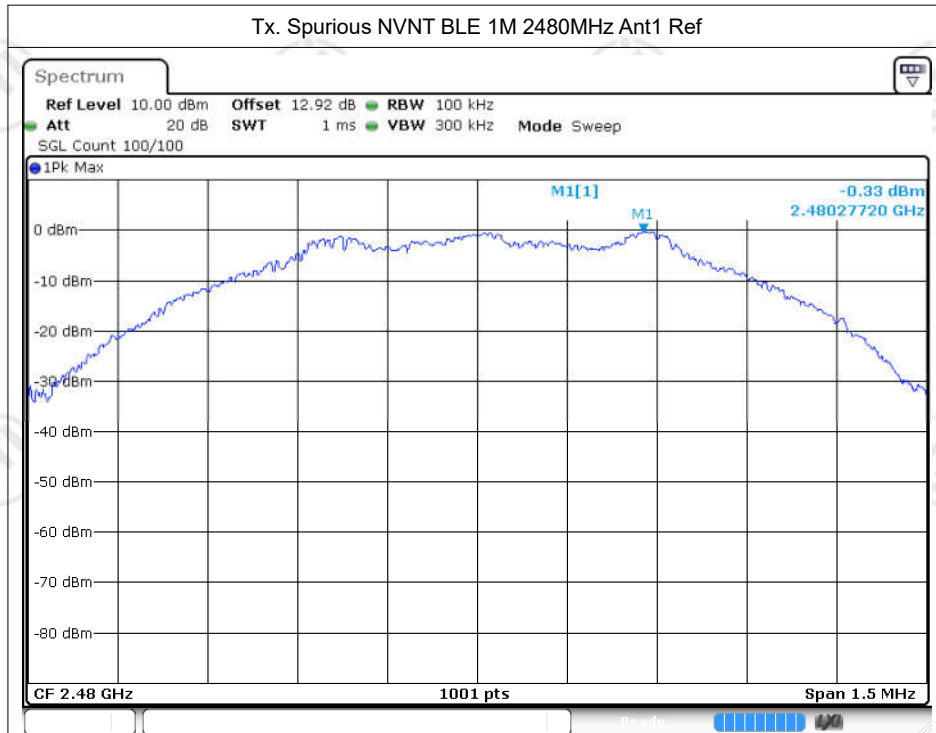
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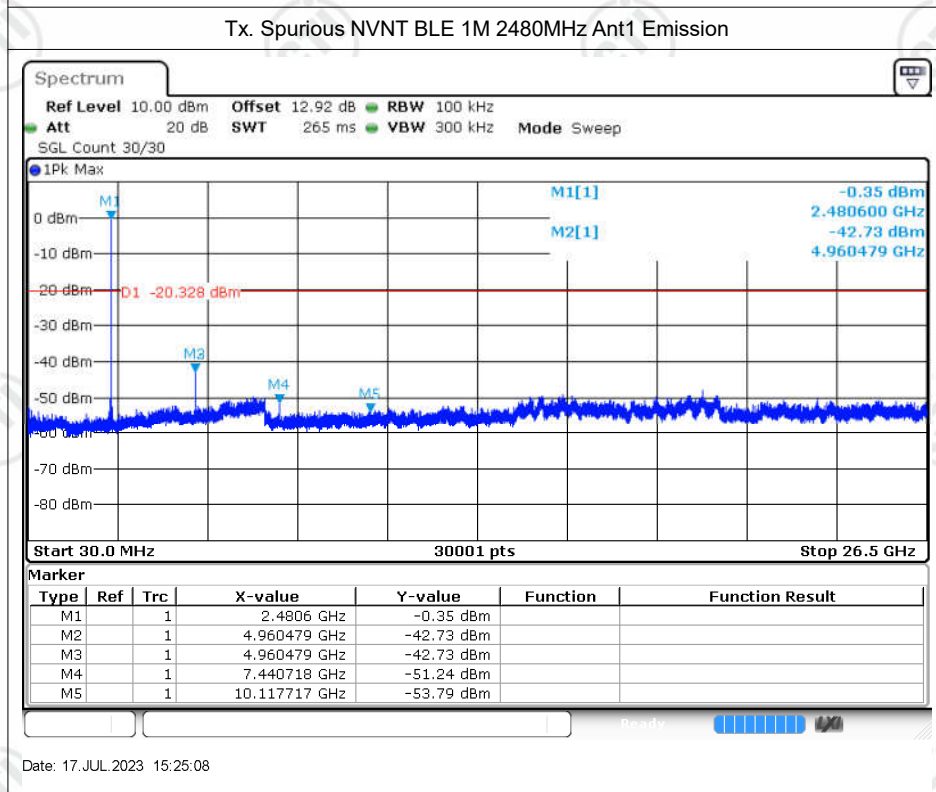
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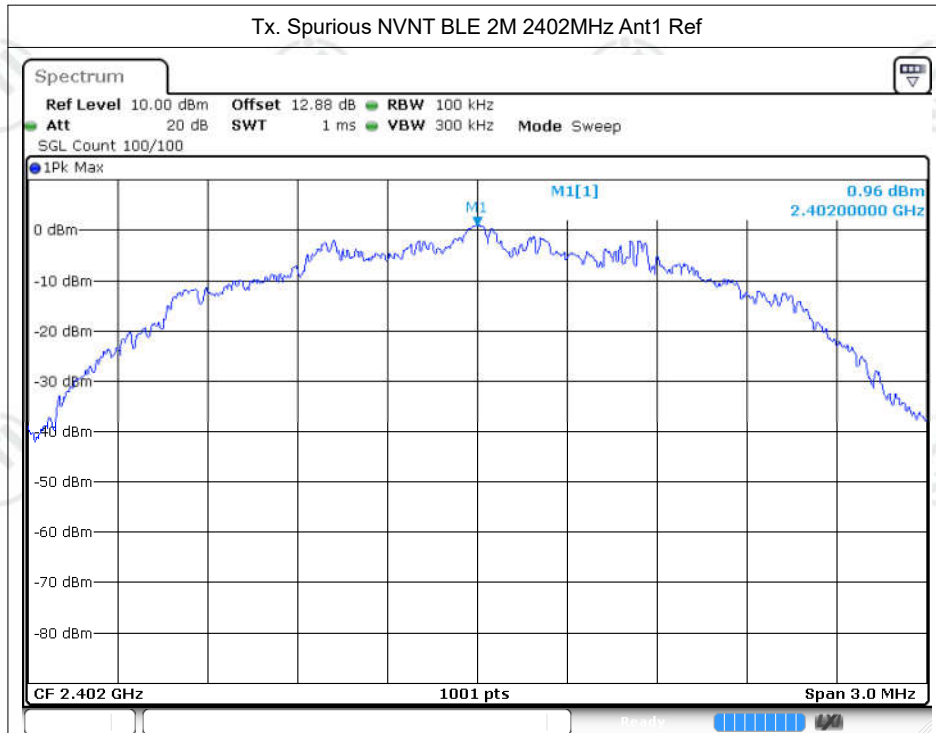
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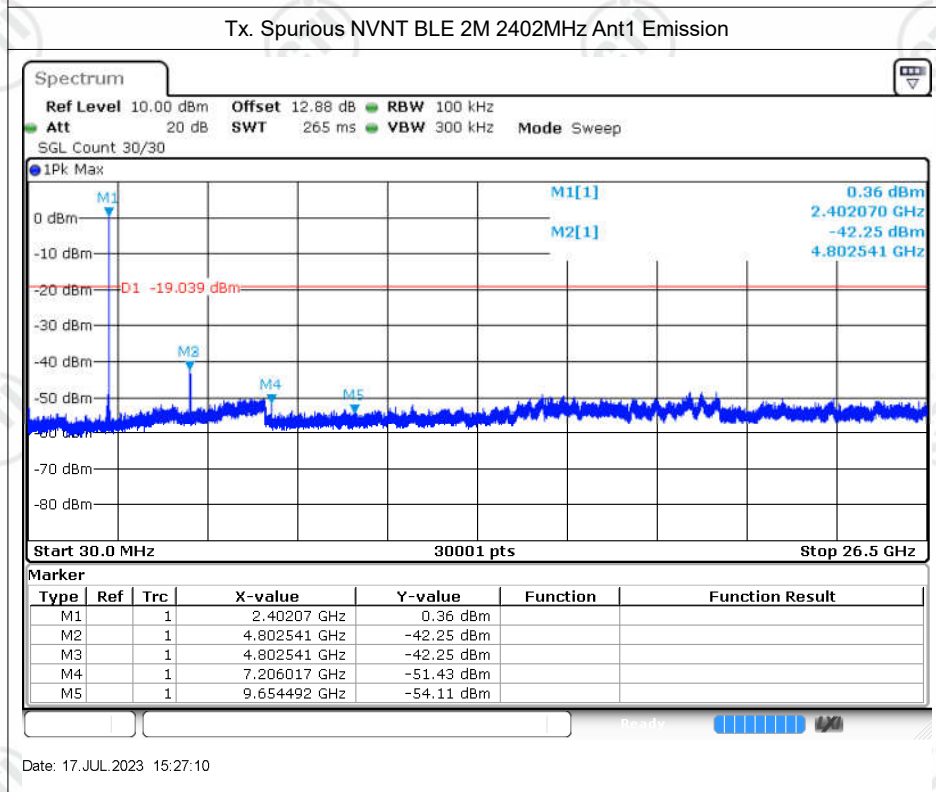
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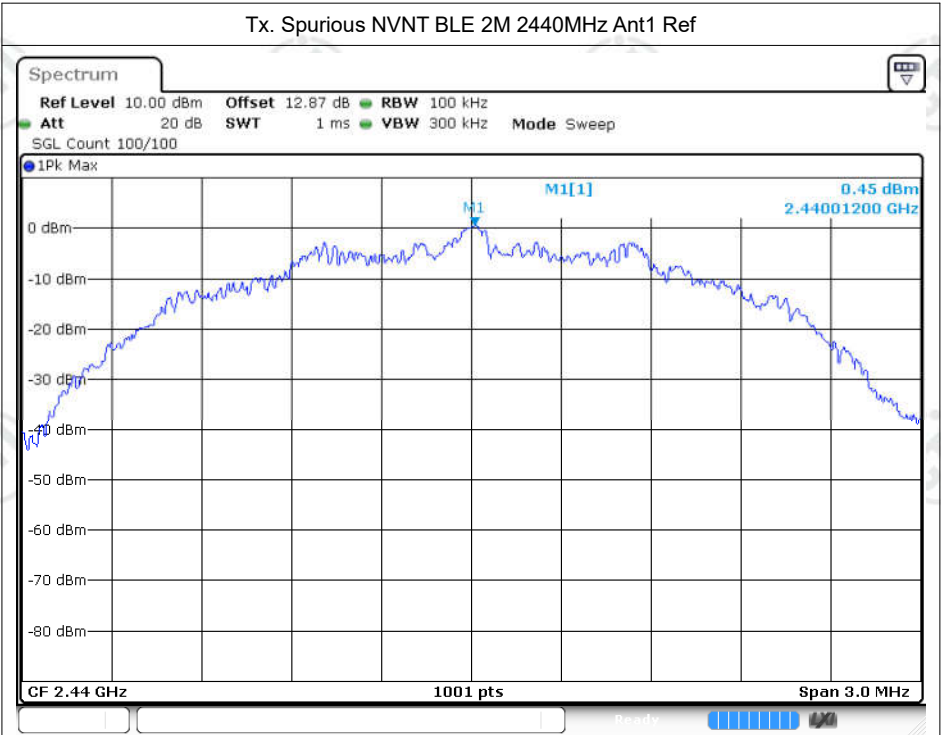
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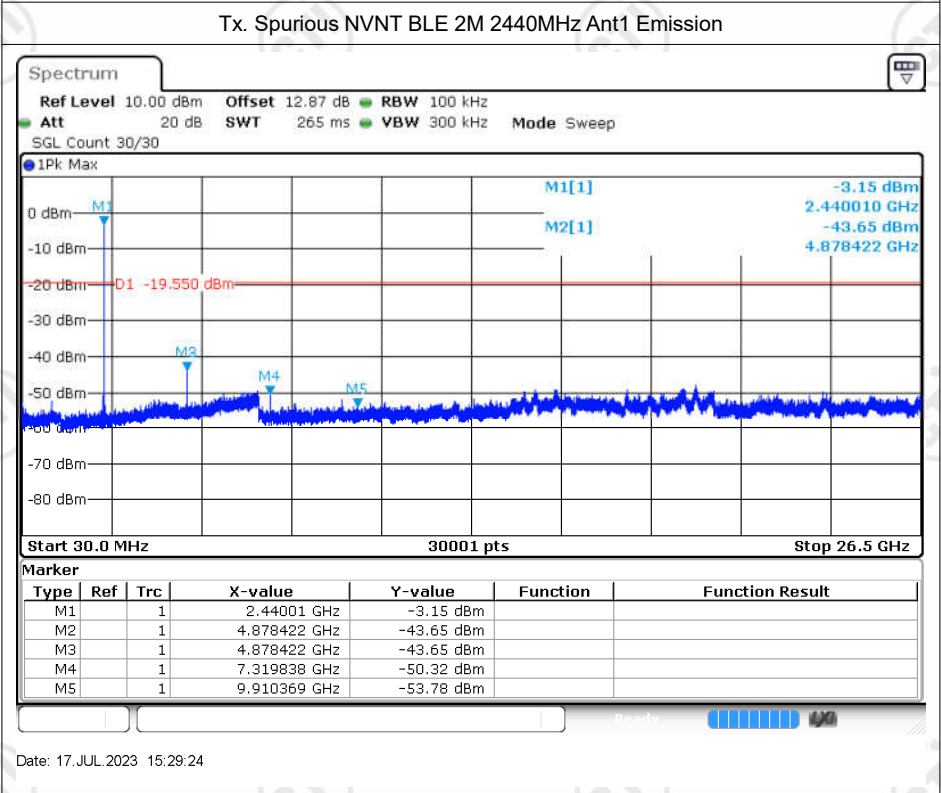
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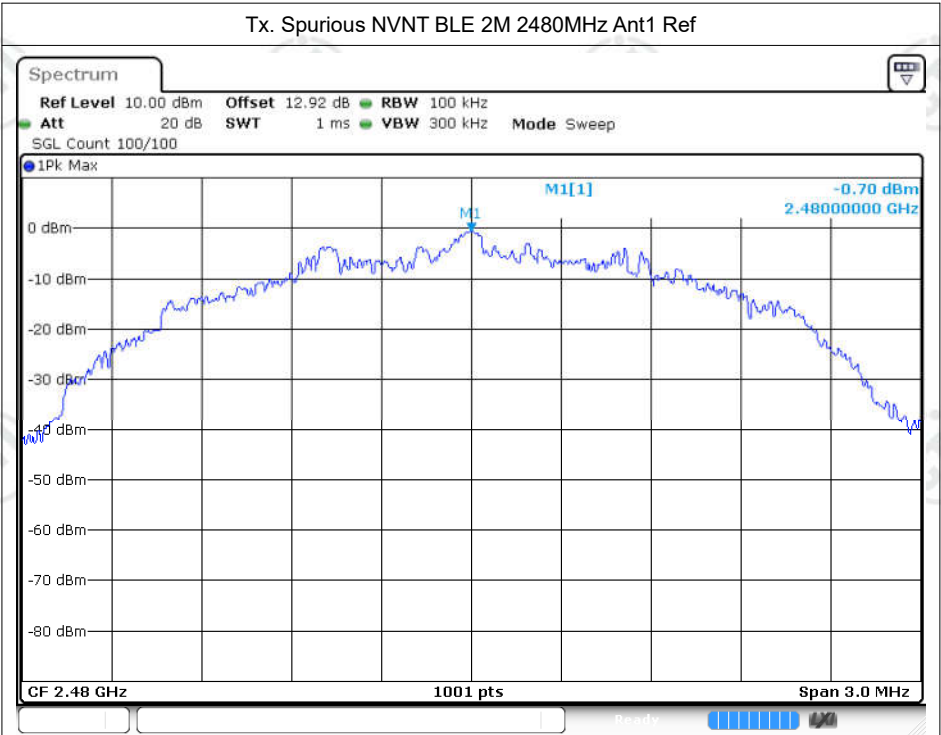
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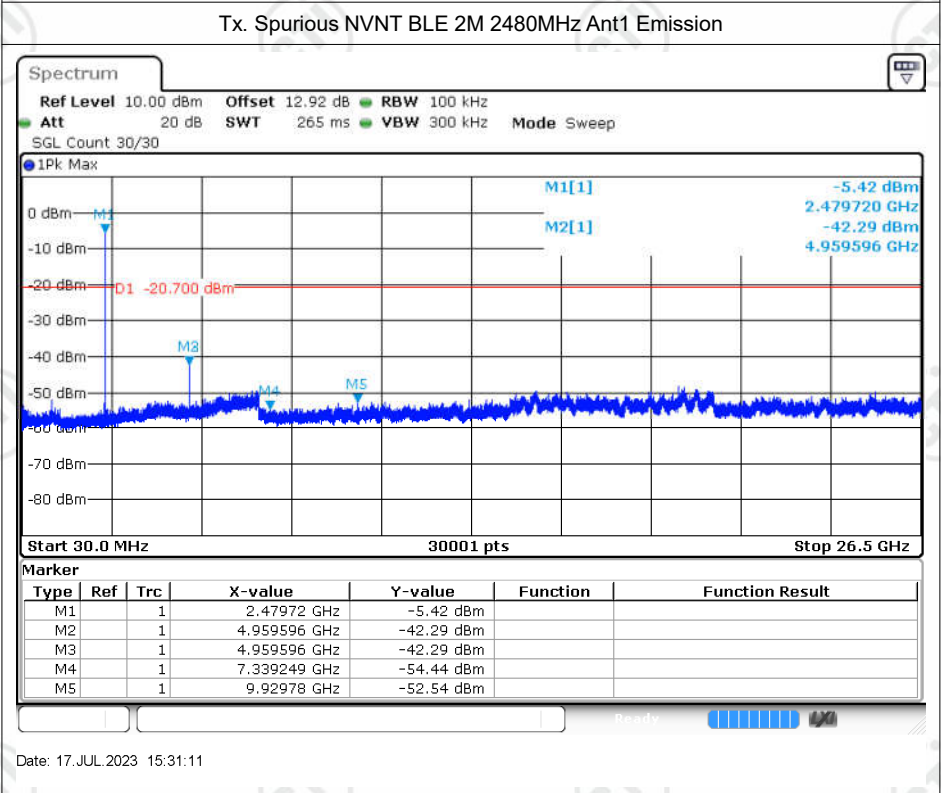
Date: 17. JUL. 2023 15:28:54



Date: 17. JUL. 2023 15:29:24



Date: 17. JUL. 2023 15:30:42



*** End of Report ***