

Appendix: Bluetooth LE

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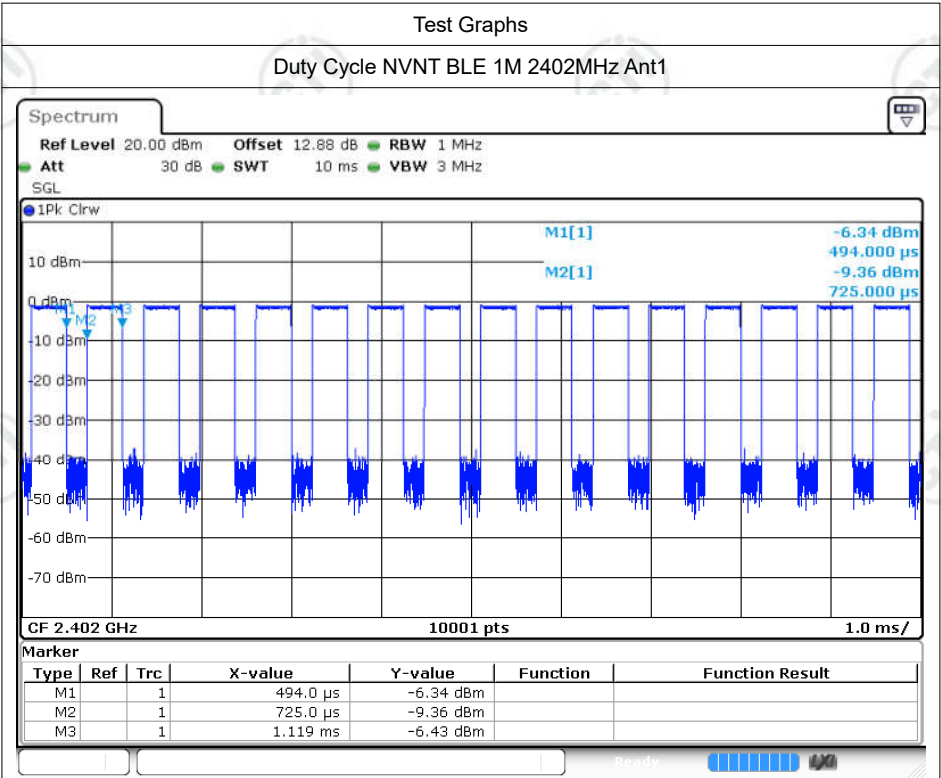
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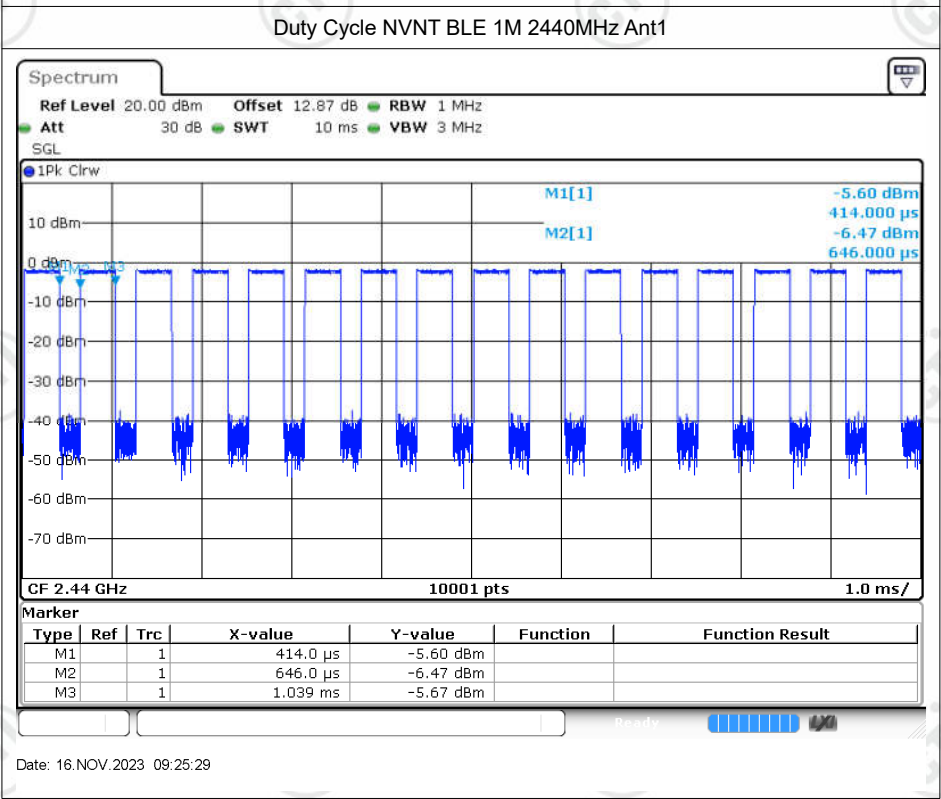
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Duty Cycle

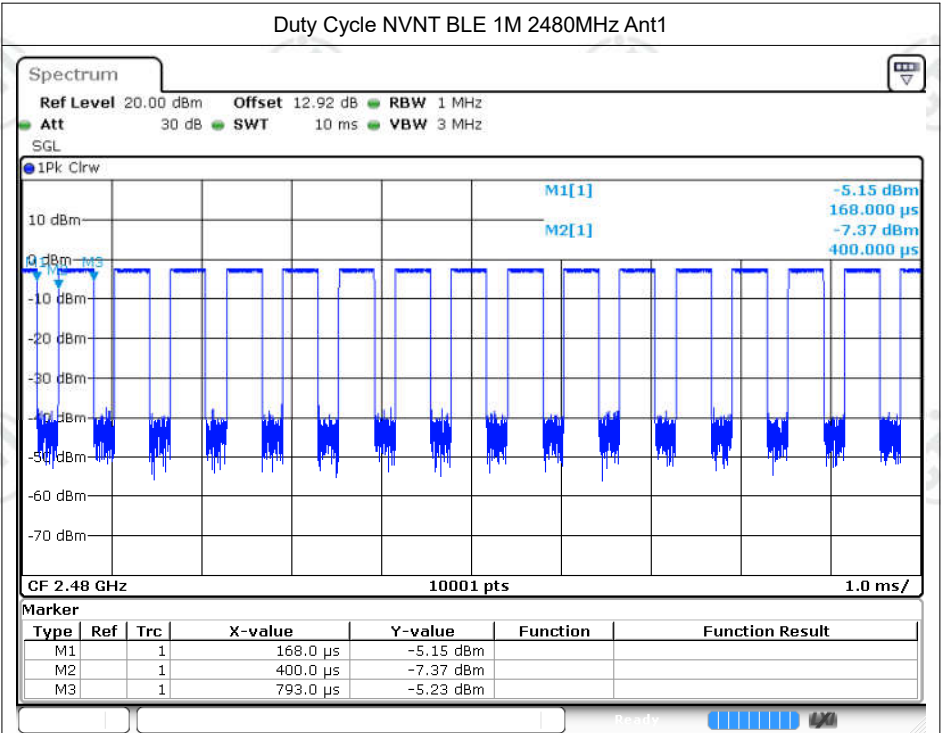
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	63.04	2	2.54
NVNT	BLE 1M	2440	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2480	Ant1	62.88	2.01	2.54
NVNT	BLE 2M	2402	Ant1	33.44	4.76	4.78
NVNT	BLE 2M	2440	Ant1	33.6	4.74	4.76
NVNT	BLE 2M	2480	Ant1	33.44	4.76	4.78



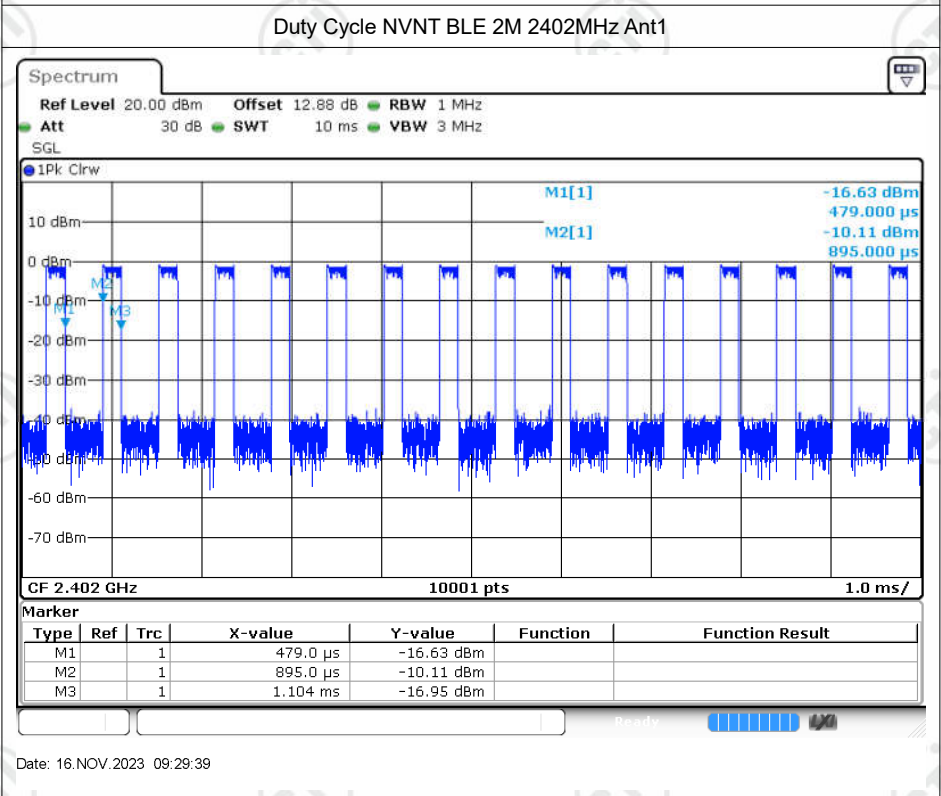
Date: 16.NOV.2023 09:23:33



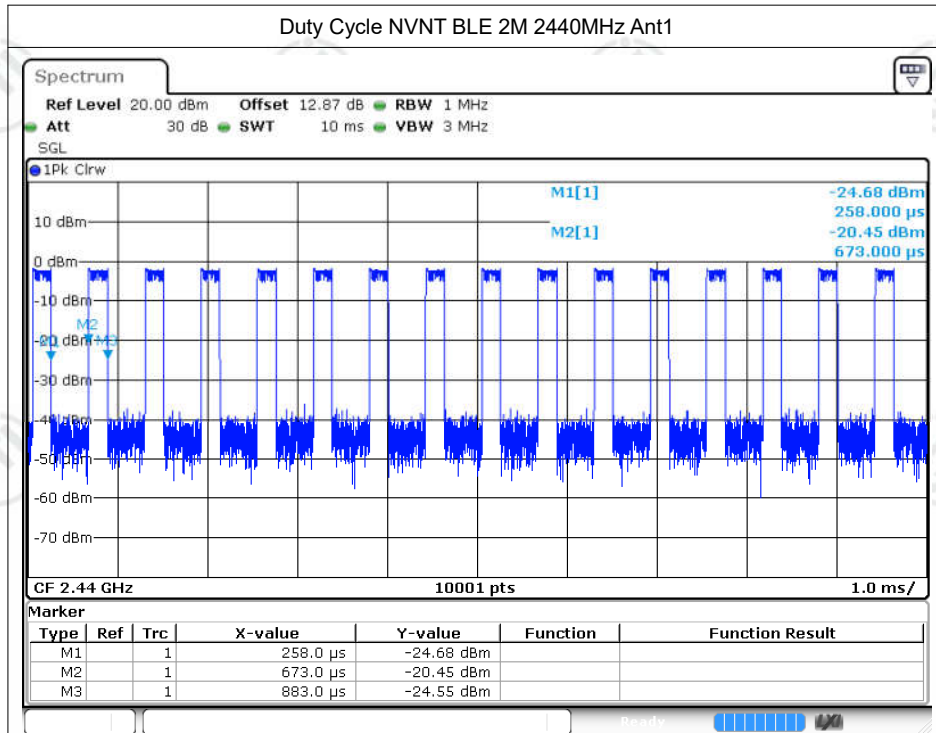
Date: 16.NOV.2023 09:25:29



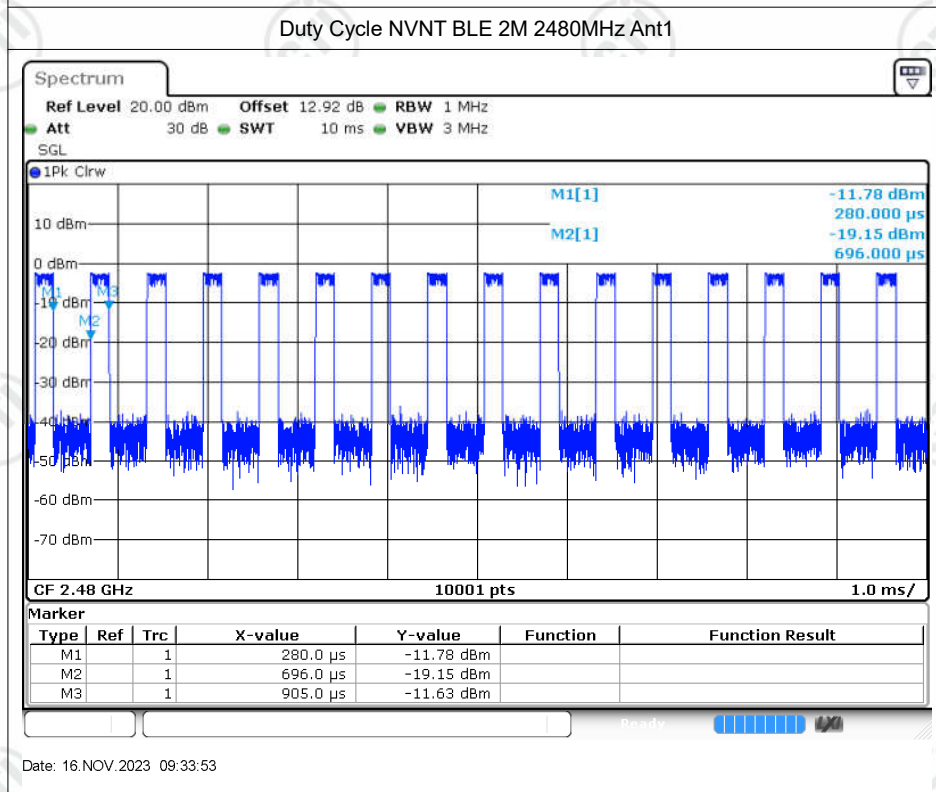
Date: 16.NOV.2023 09:27:02



Date: 16.NOV.2023 09:29:39



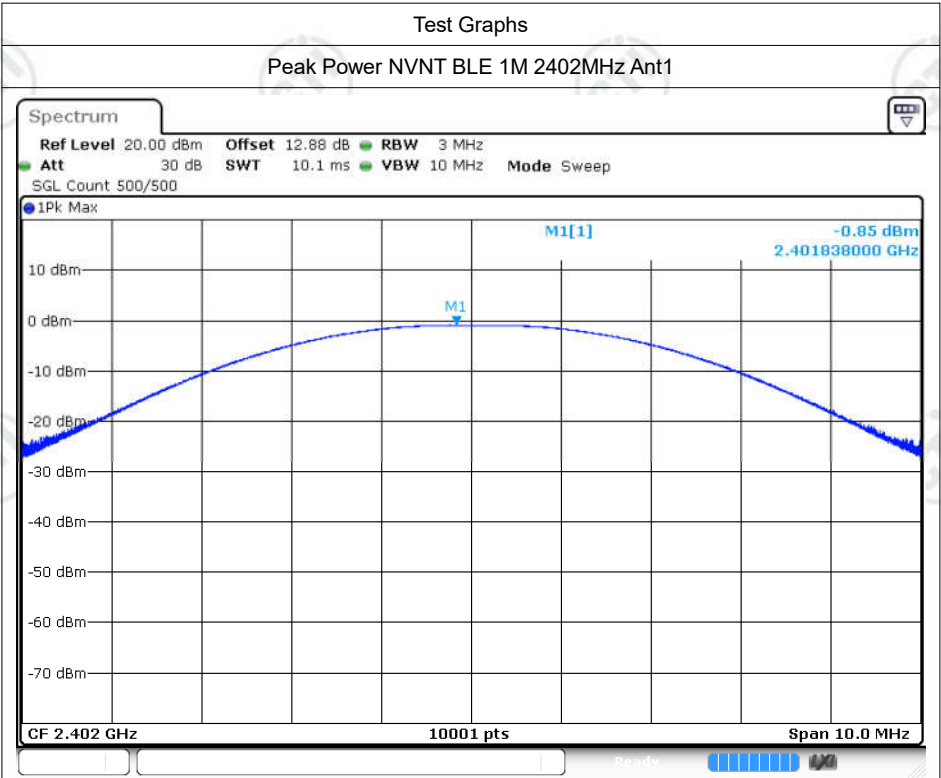
Date: 16.NOV.2023 09:31:48



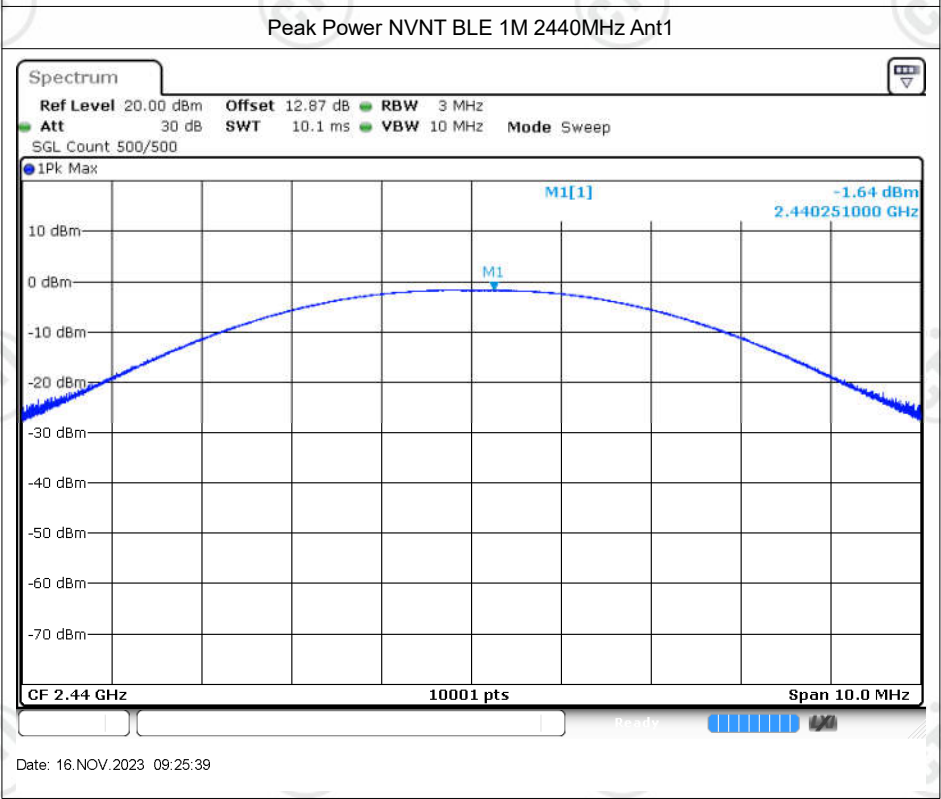
Date: 16.NOV.2023 09:33:53

Maximum Peak Conducted Output Power

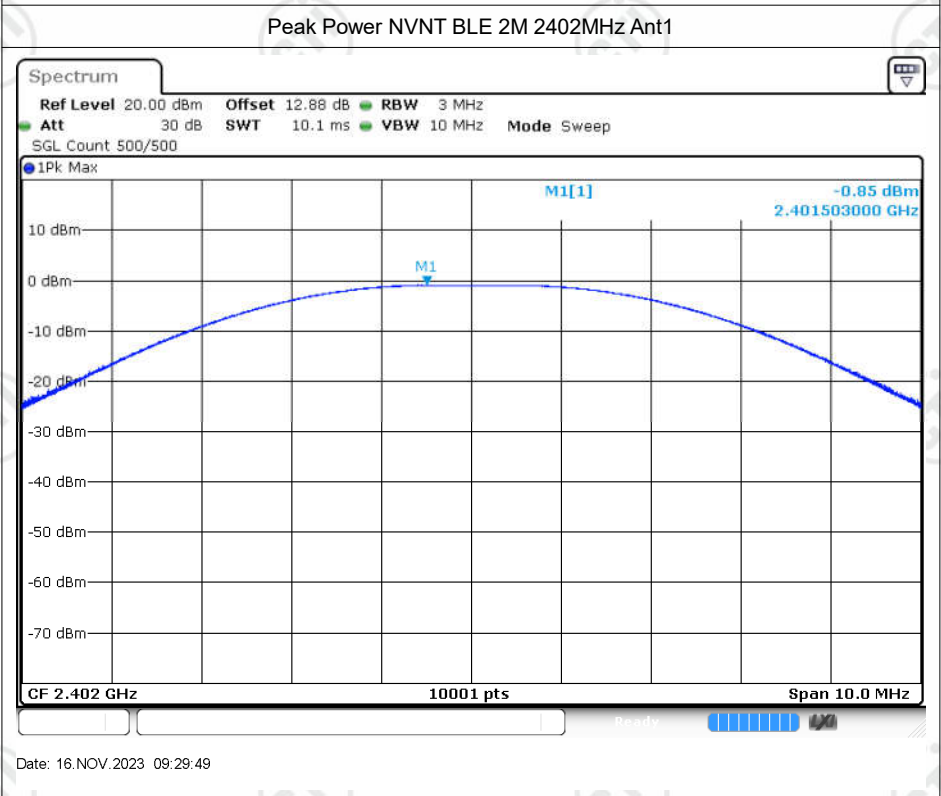
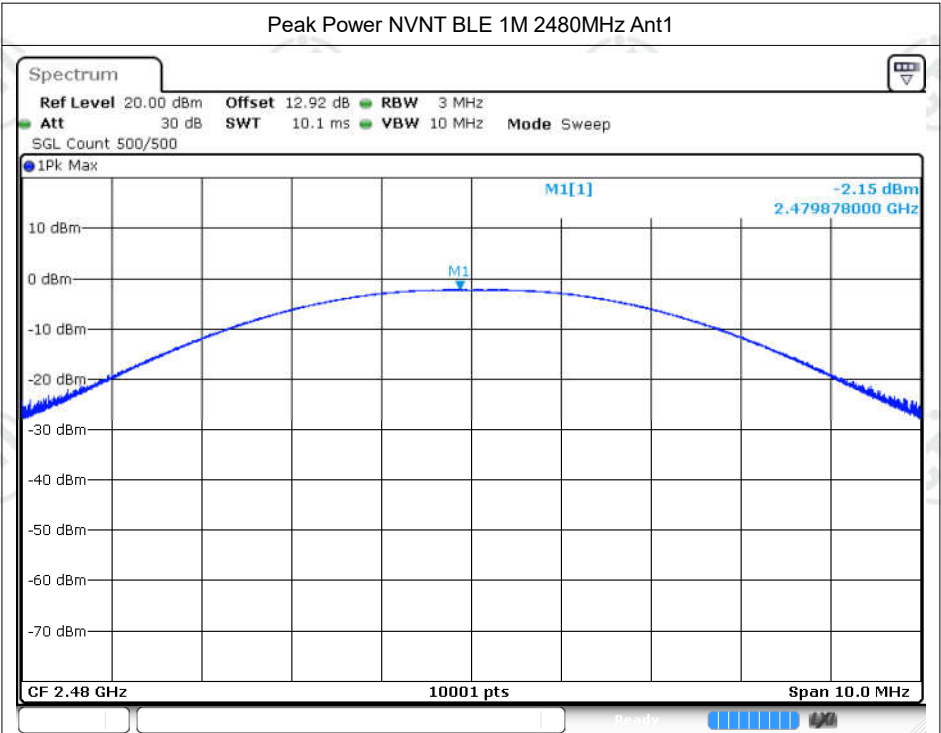
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.85	30	Pass
NVNT	BLE 1M	2440	Ant1	-1.64	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.15	30	Pass
NVNT	BLE 2M	2402	Ant1	-0.85	30	Pass
NVNT	BLE 2M	2440	Ant1	-1.67	30	Pass
NVNT	BLE 2M	2480	Ant1	-2.17	30	Pass

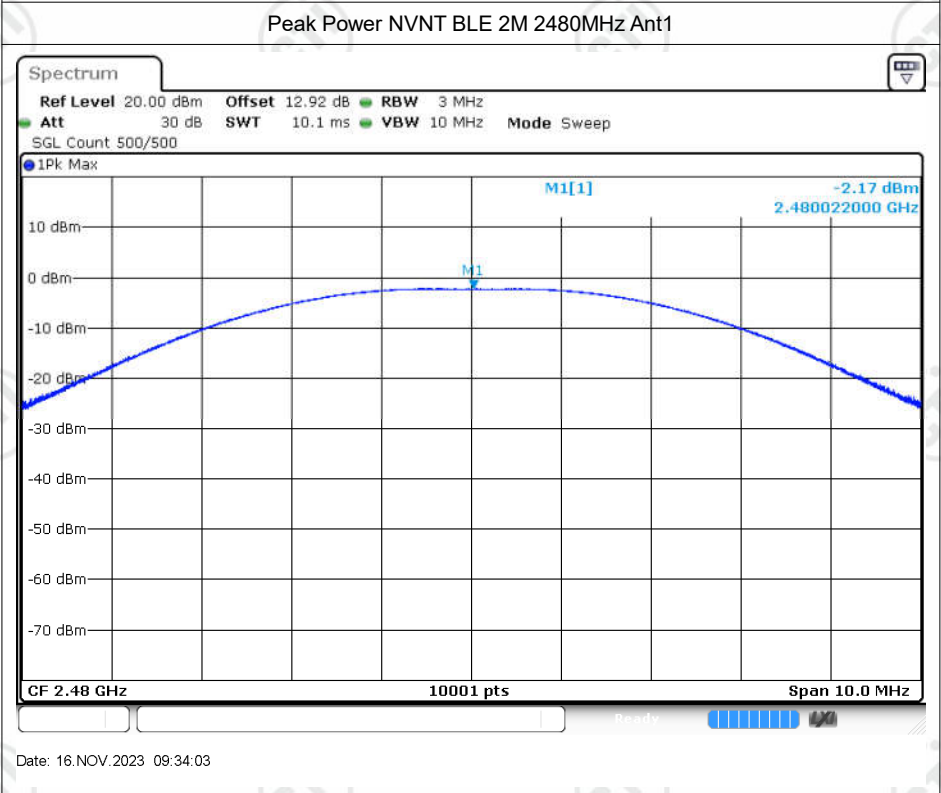
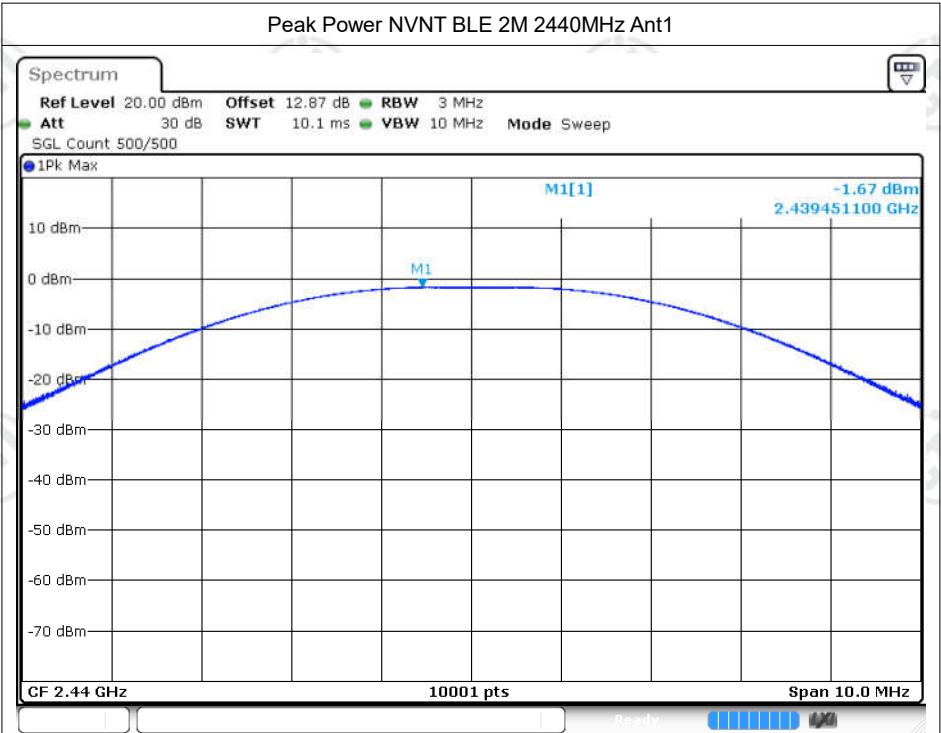


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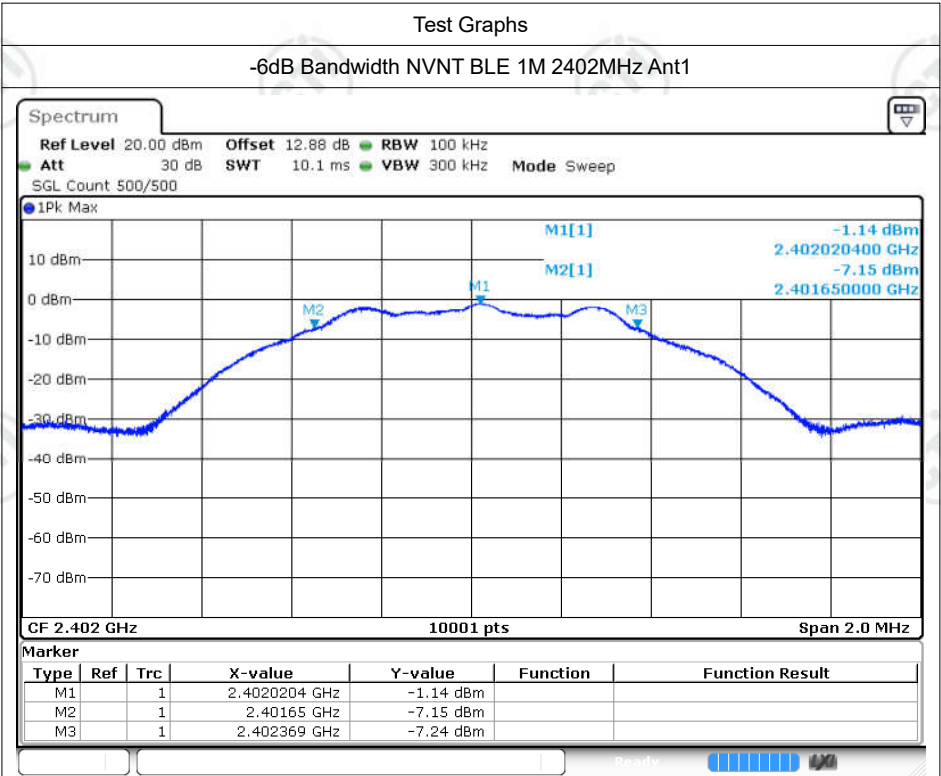
Date: 16.NOV.2023 09:25:39



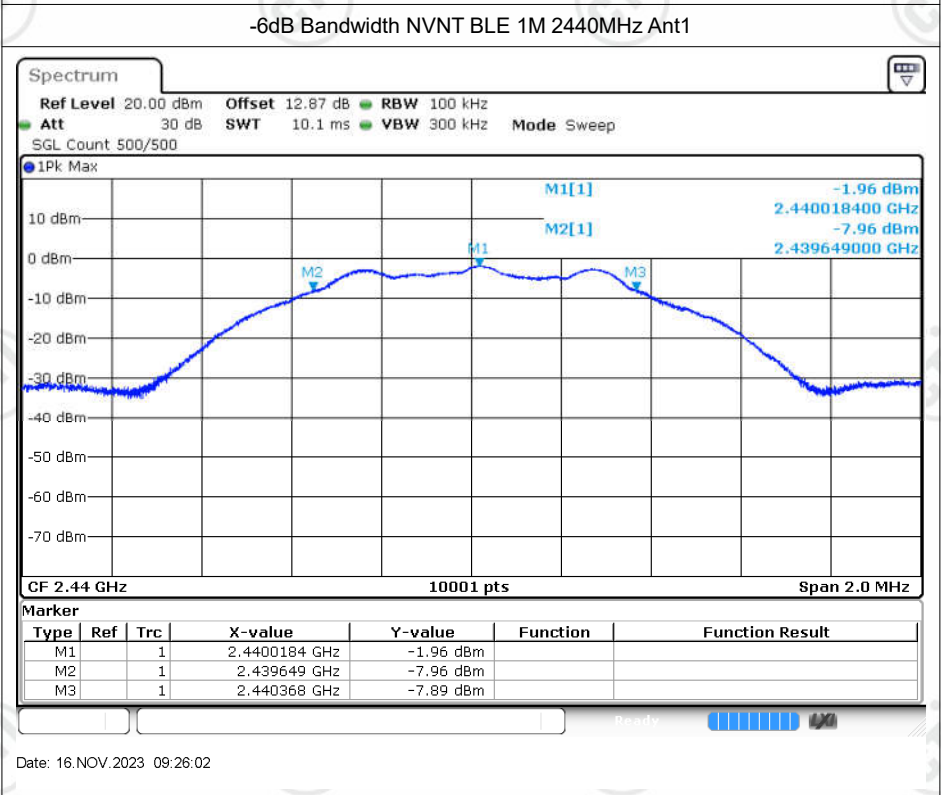


-6dB Bandwidth

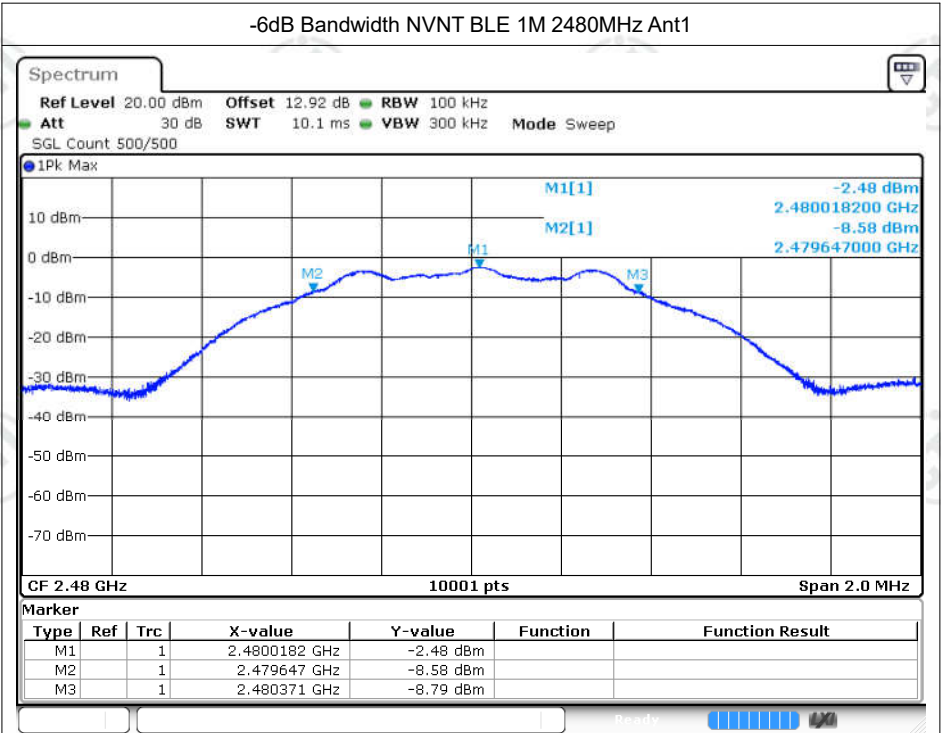
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.719	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.719	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.723	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.145	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.146	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.149	0.5	Pass



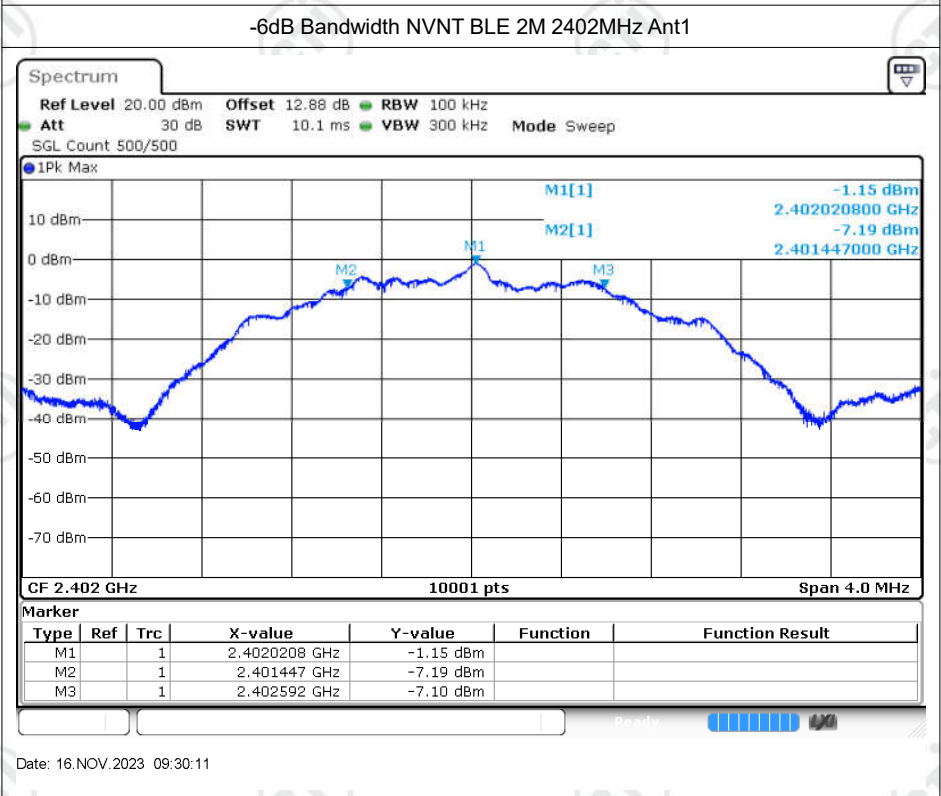
Date: 16.NOV.2023 09:24:06



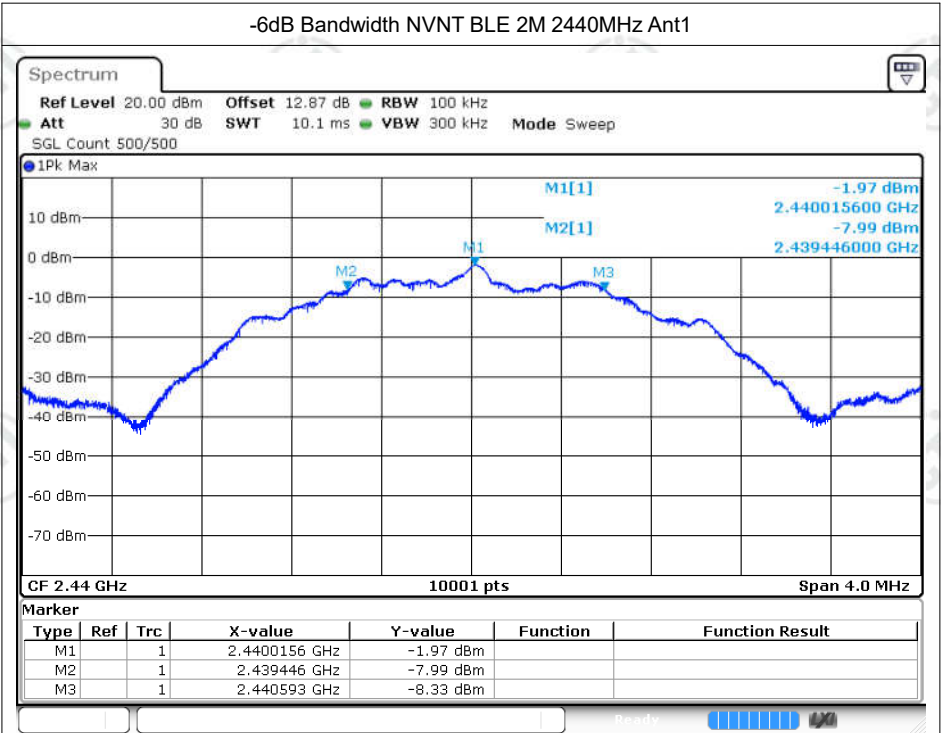
Date: 16.NOV.2023 09:26:02



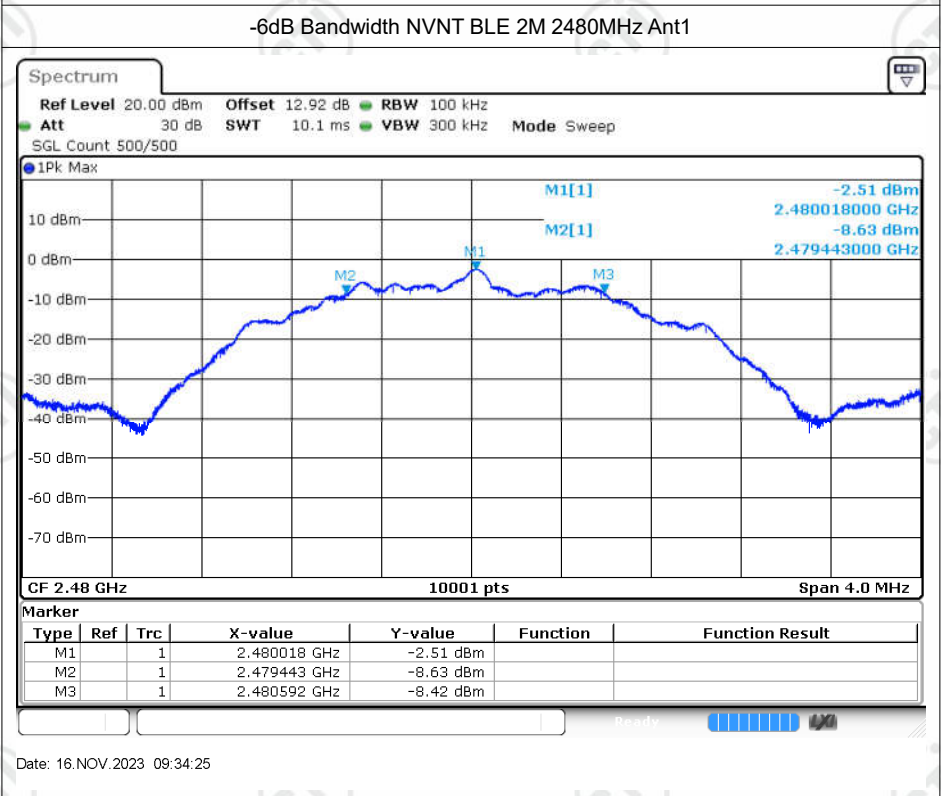
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Date: 16.NOV.2023 09:30:11



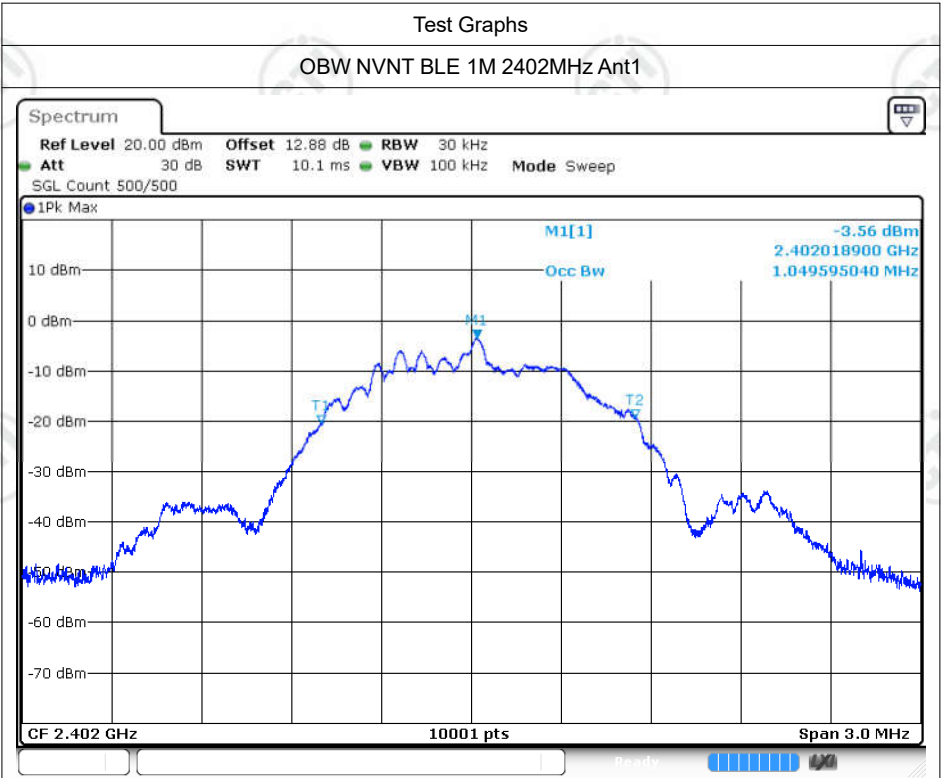
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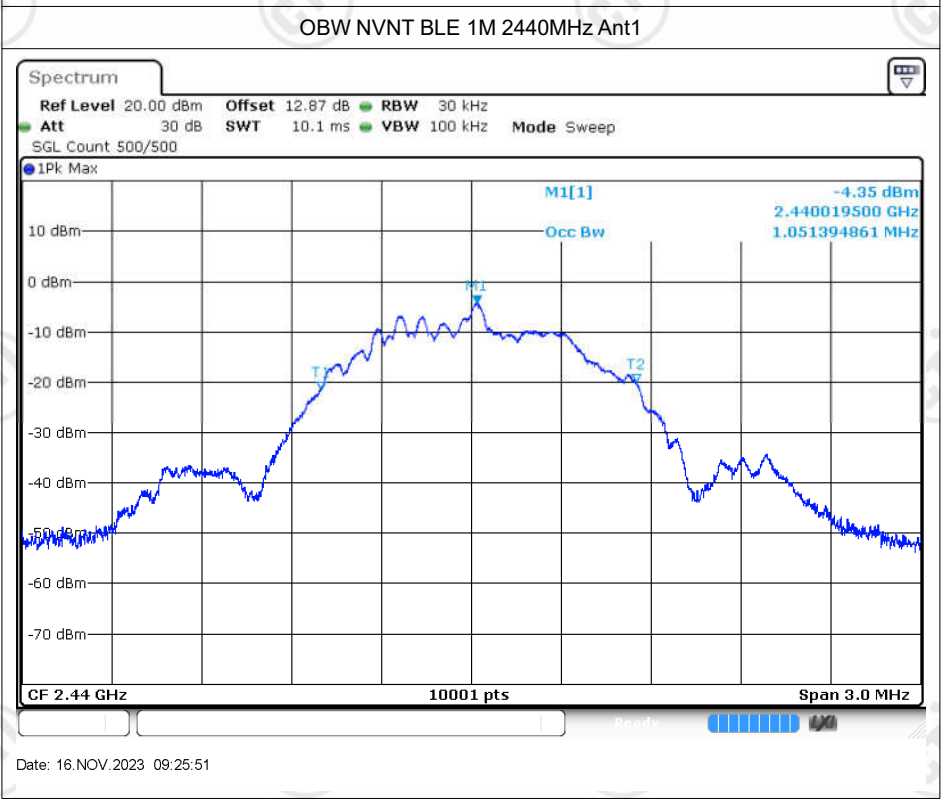
Date: 16.NOV.2023 09:34:25

Occupied Channel Bandwidth

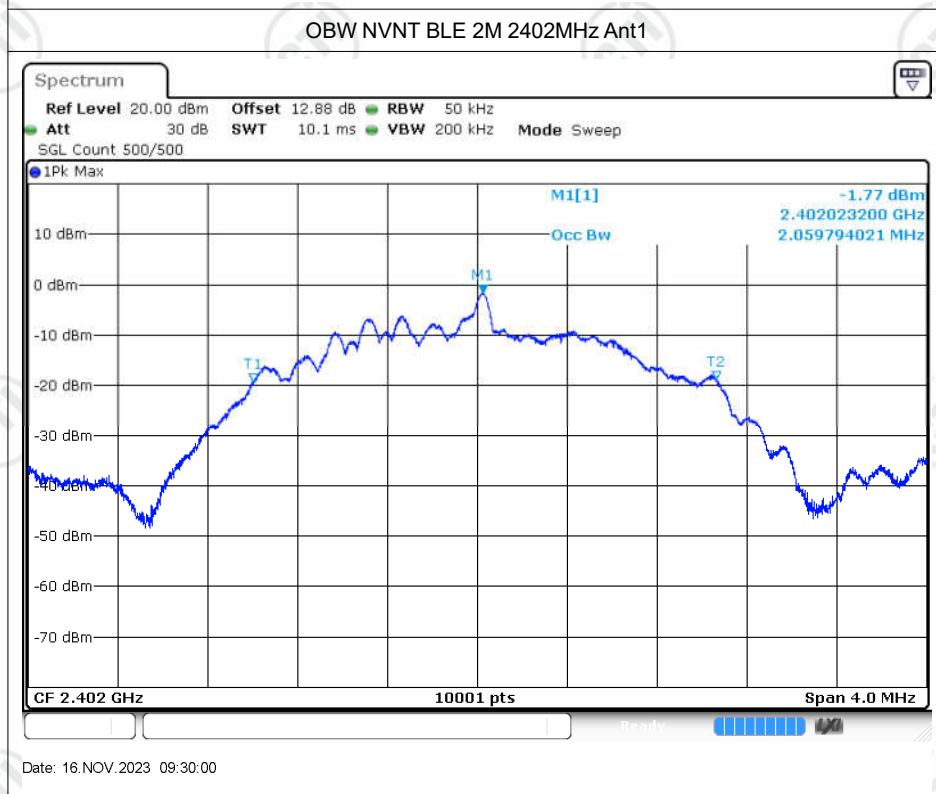
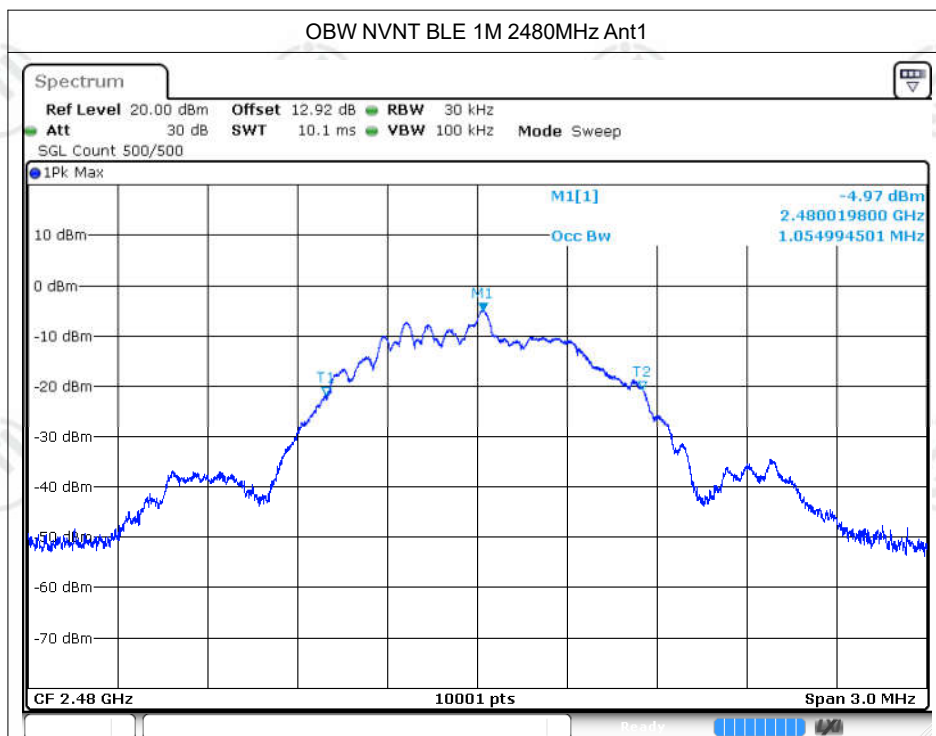
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.05
NVNT	BLE 1M	2440	Ant1	1.051
NVNT	BLE 1M	2480	Ant1	1.055
NVNT	BLE 2M	2402	Ant1	2.06
NVNT	BLE 2M	2440	Ant1	2.062
NVNT	BLE 2M	2480	Ant1	2.064

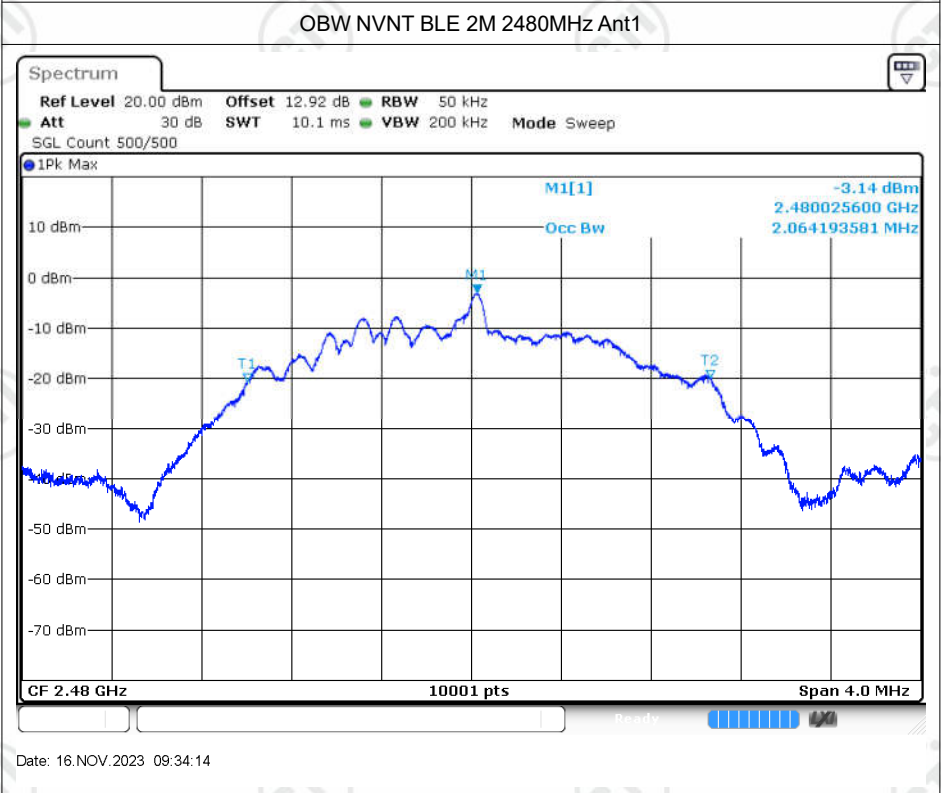
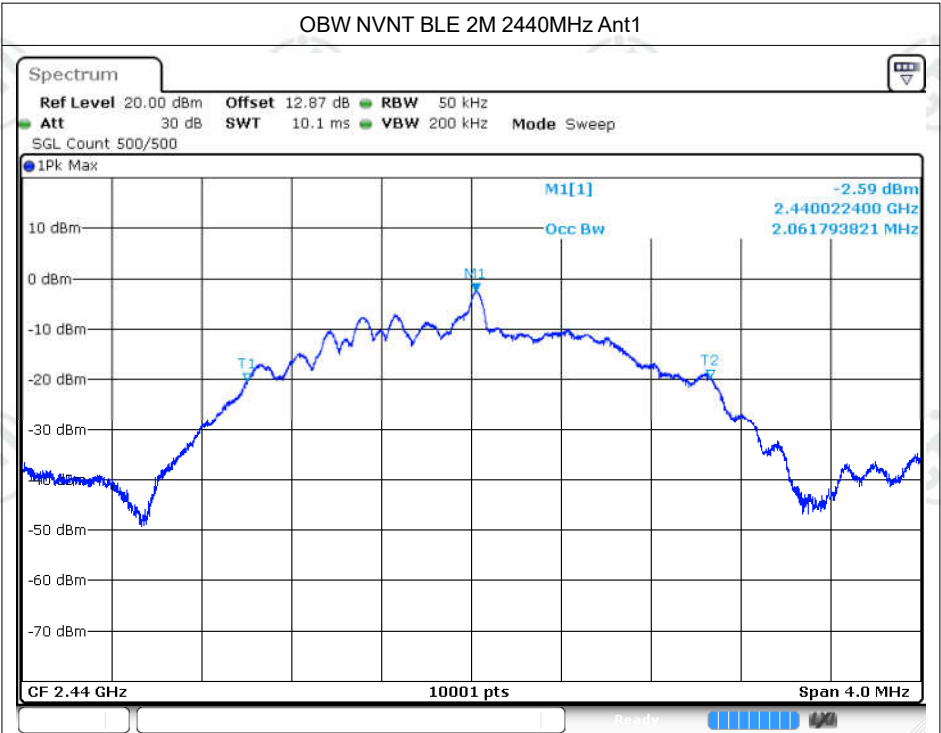


Date: 16.NOV.2023 09:23:55



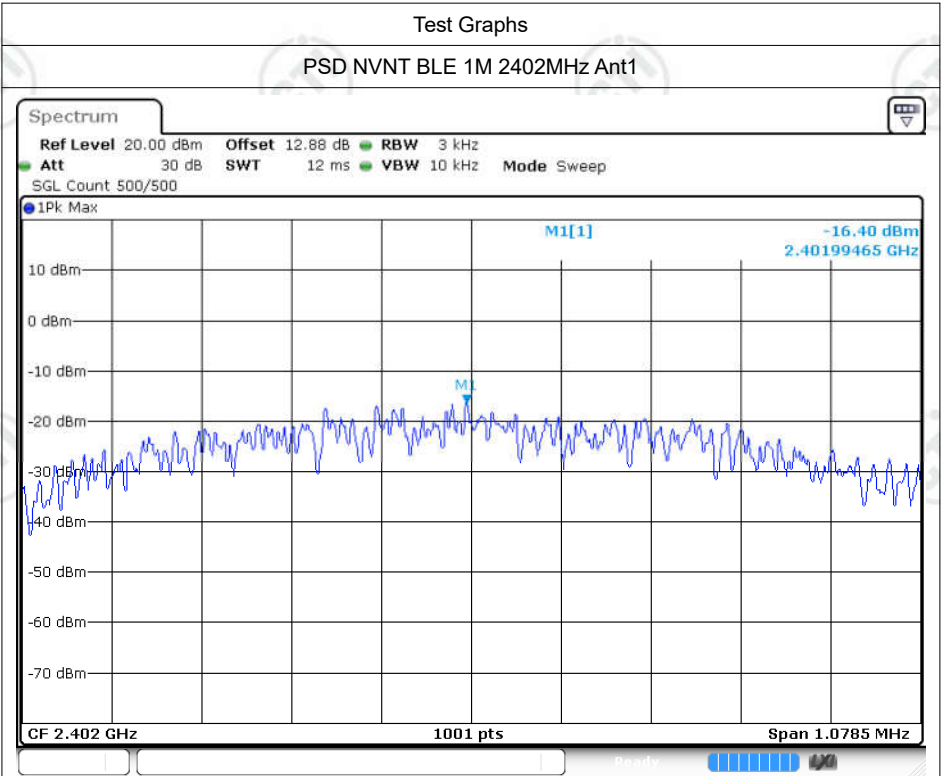
Date: 16.NOV.2023 09:25:51



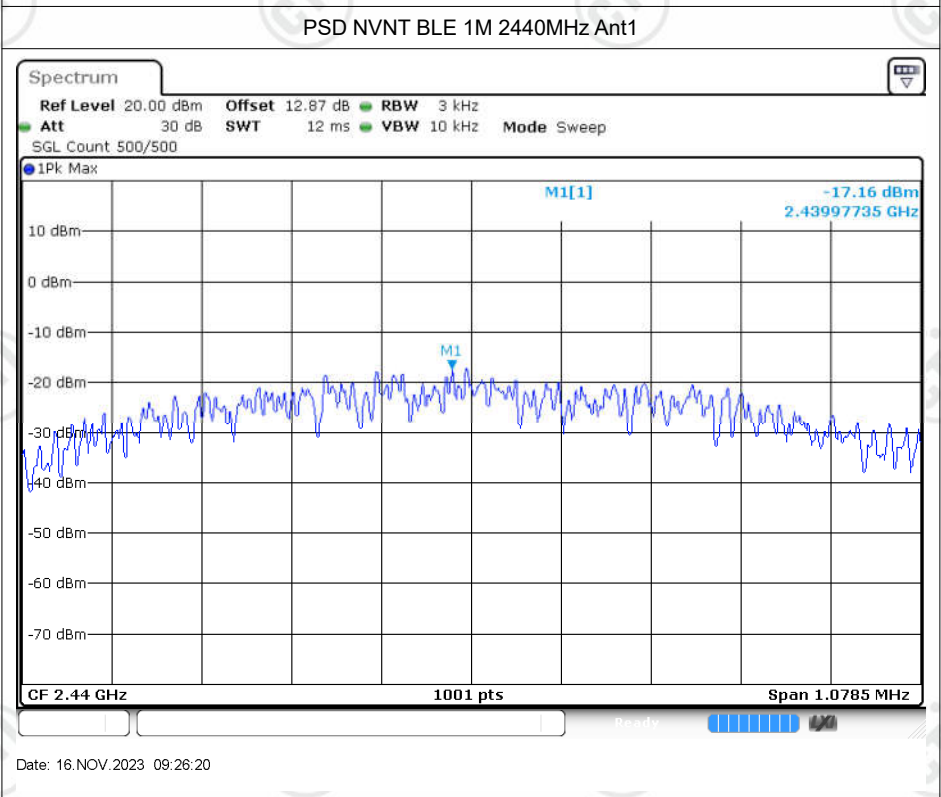


Maximum Power Spectral Density Level

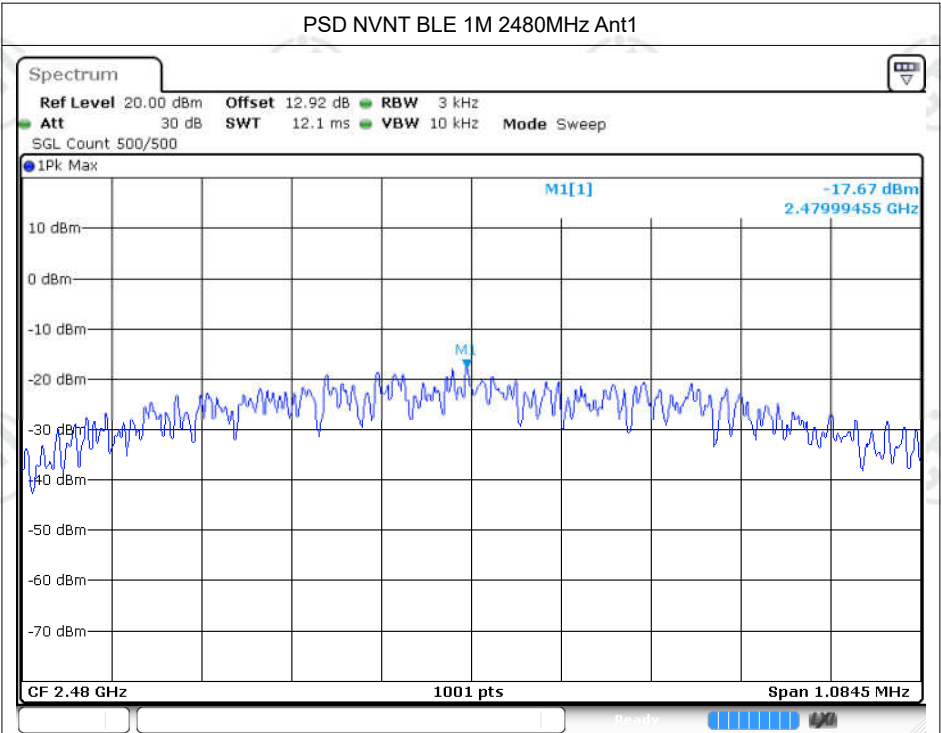
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.4	8	Pass
NVNT	BLE 1M	2440	Ant1	-17.16	8	Pass
NVNT	BLE 1M	2480	Ant1	-17.67	8	Pass
NVNT	BLE 2M	2402	Ant1	-18.84	8	Pass
NVNT	BLE 2M	2440	Ant1	-19.69	8	Pass
NVNT	BLE 2M	2480	Ant1	-20.22	8	Pass



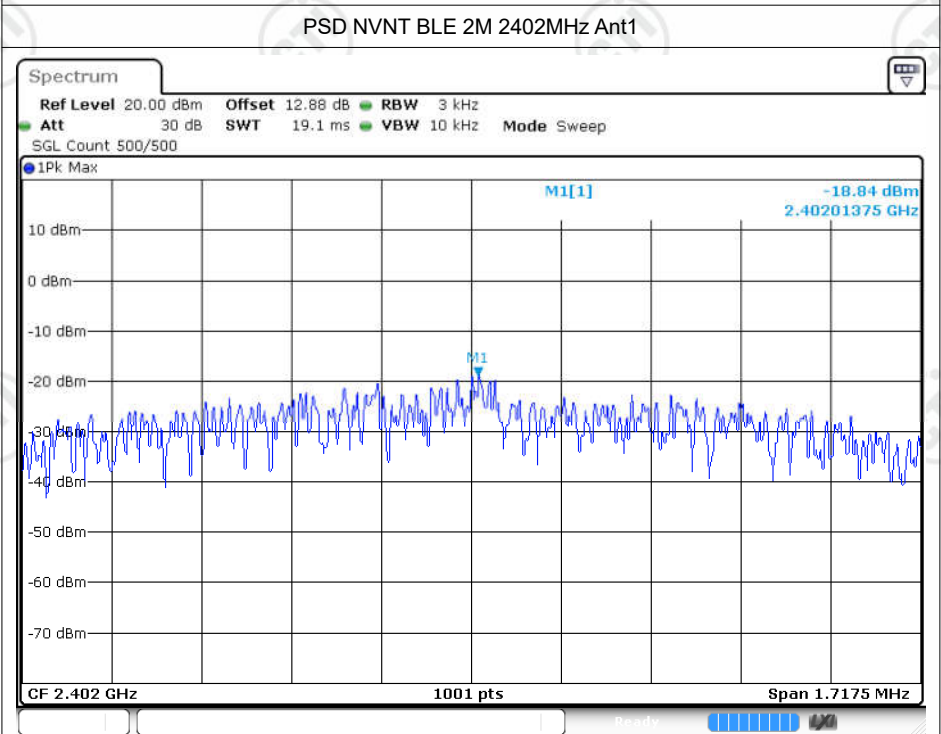
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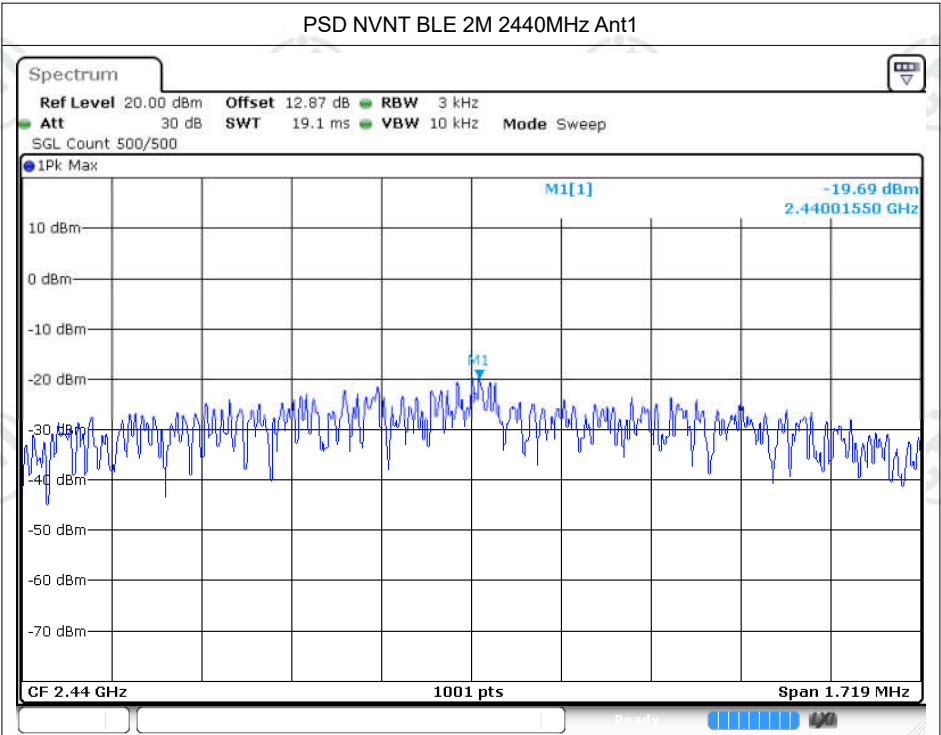
Date: 16.NOV.2023 09:26:20



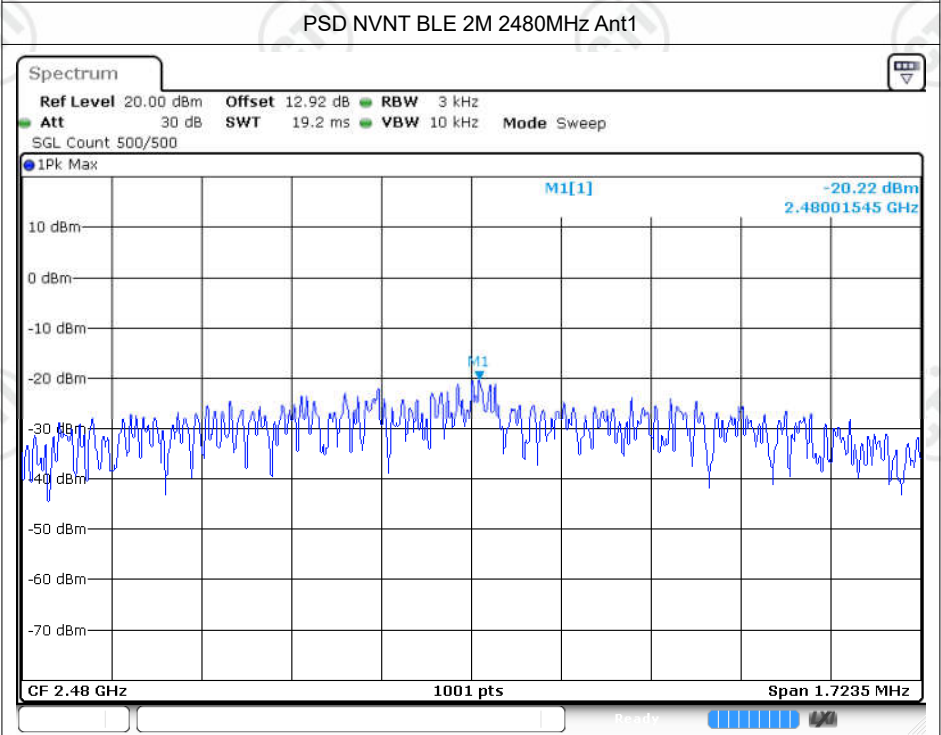
Date: 16.NOV.2023 09:27:53



Date: 16.NOV.2023 09:30:33



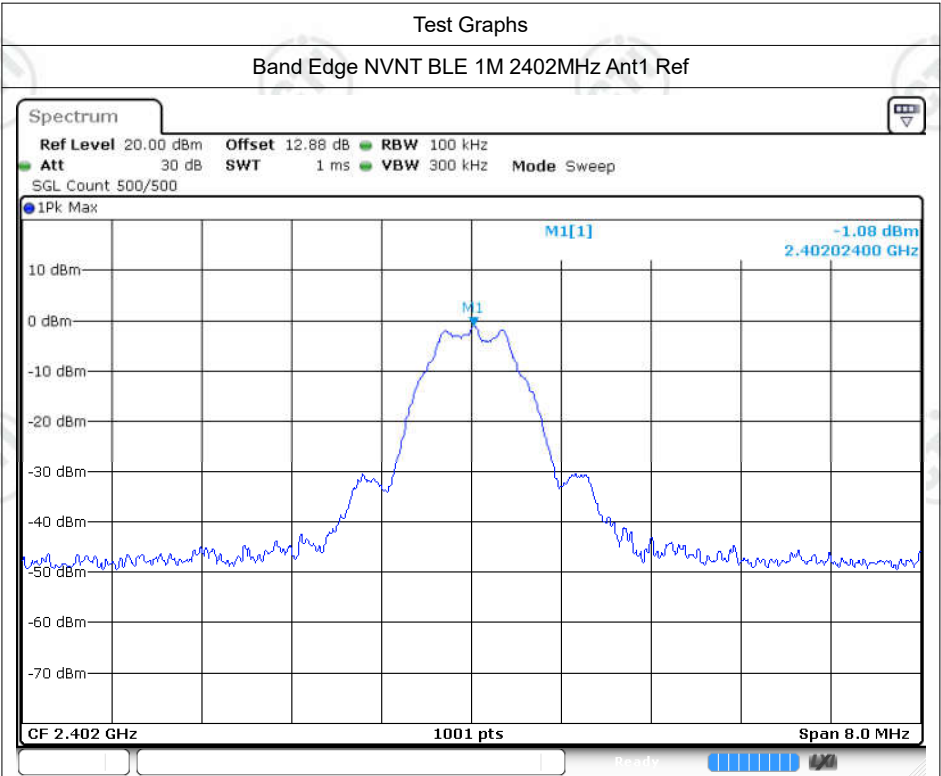
Date: 16.NOV.2023 09:32:42



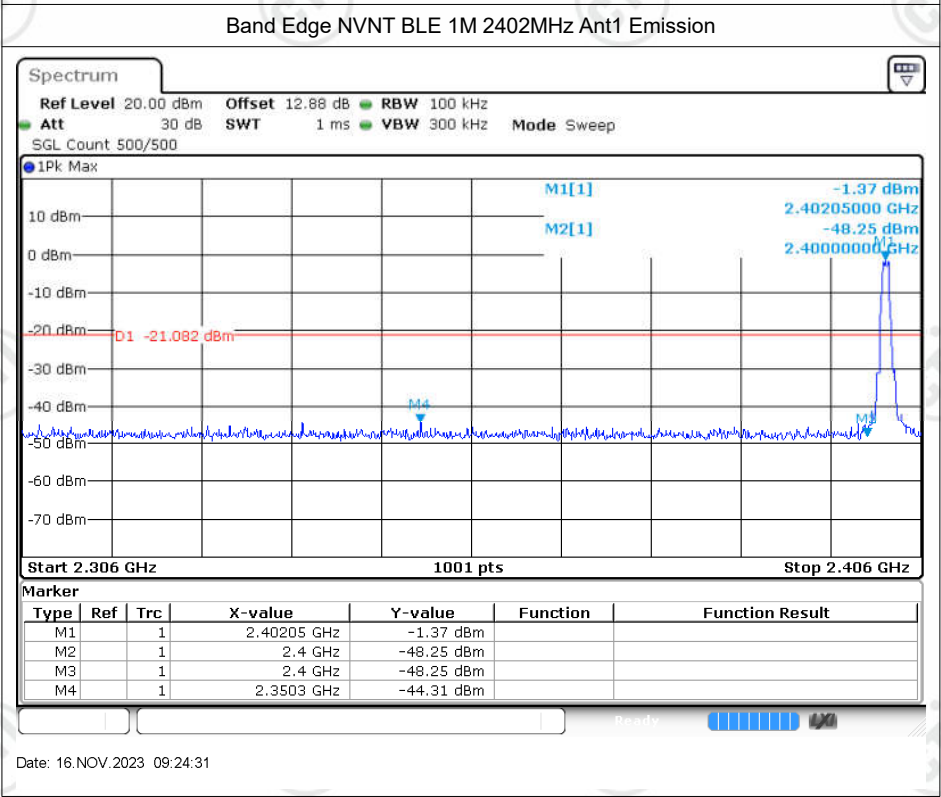
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Band Edge

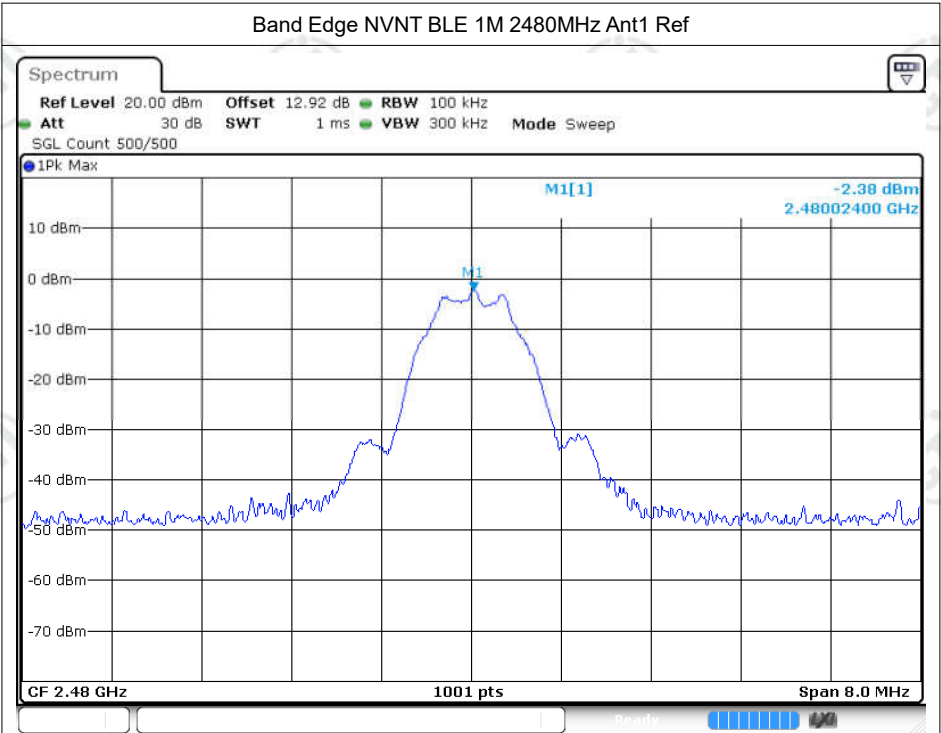
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-43.22	-20	Pass
NVNT	BLE 1M	2480	Ant1	-42.57	-20	Pass
NVNT	BLE 2M	2402	Ant1	-34.04	-20	Pass
NVNT	BLE 2M	2480	Ant1	-42.2	-20	Pass



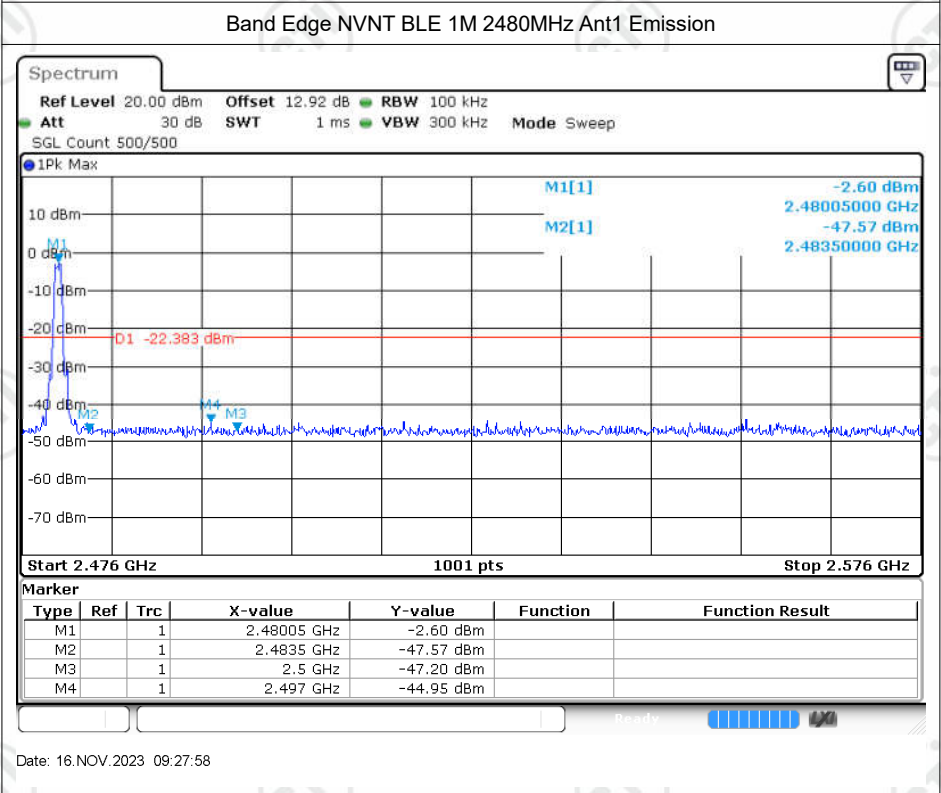
Date: 16.NOV.2023 09:24:28



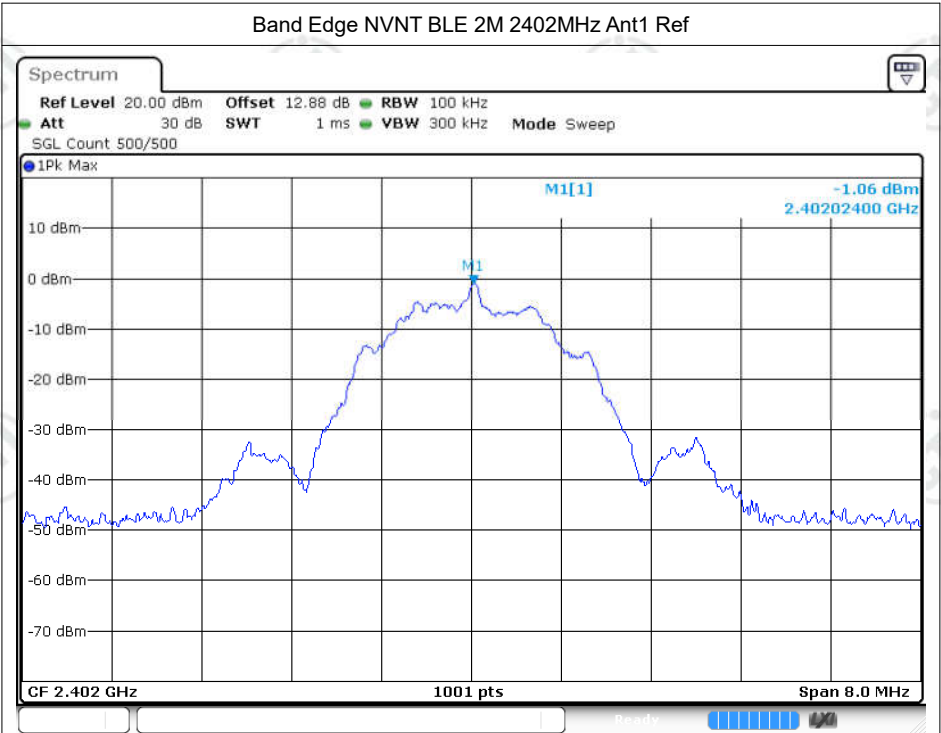
Date: 16.NOV.2023 09:24:31



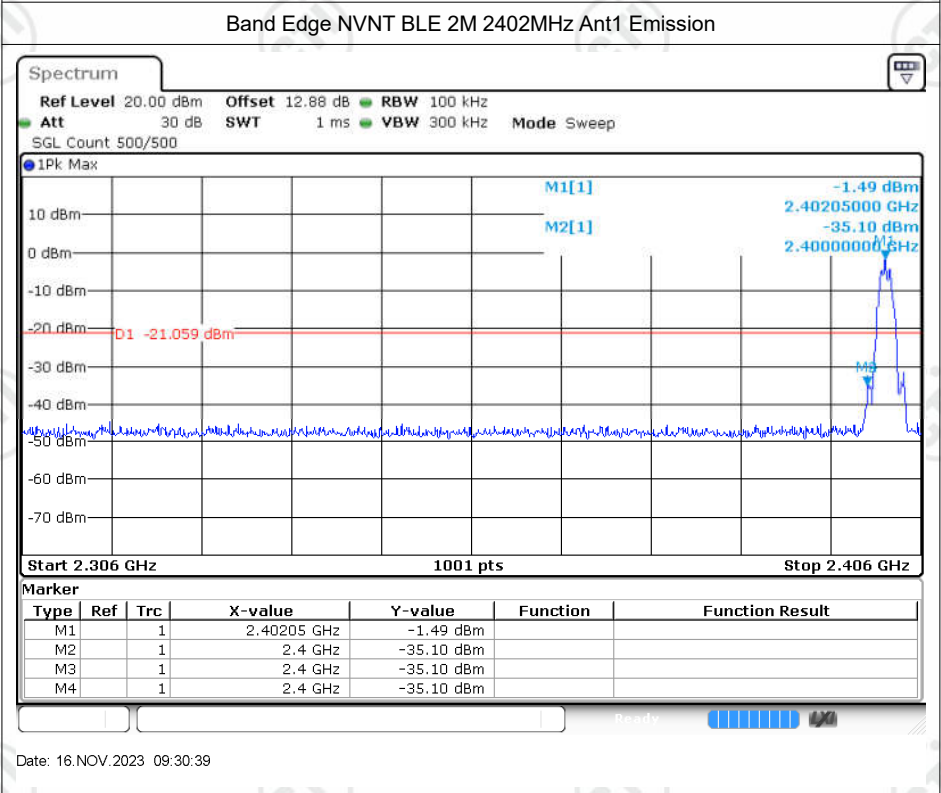
Date: 16.NOV.2023 09:27:56



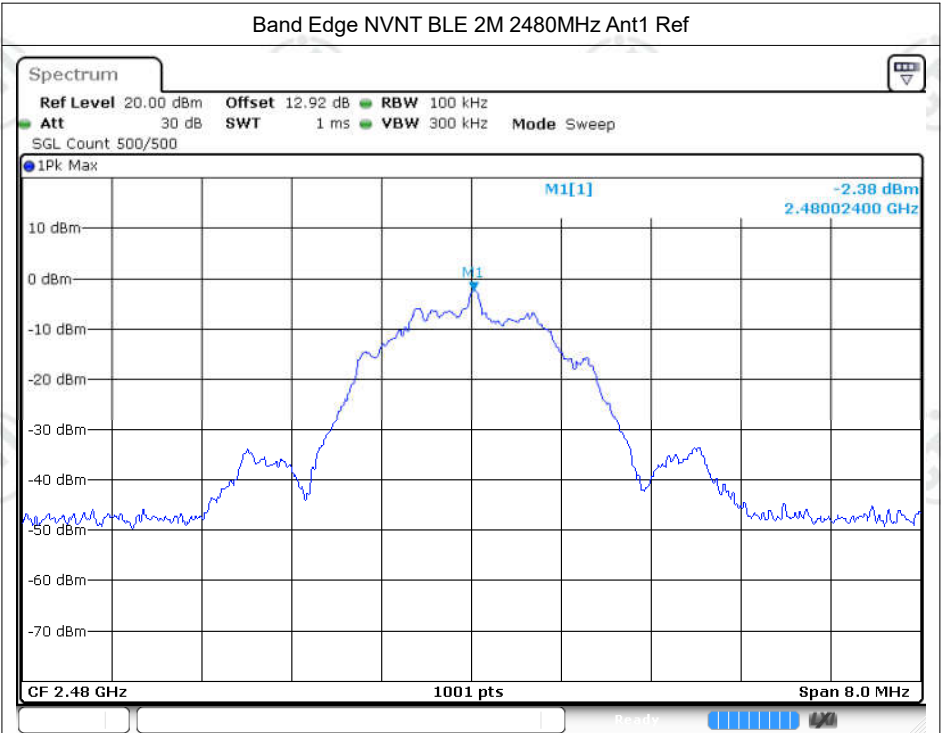
Date: 16.NOV.2023 09:27:58



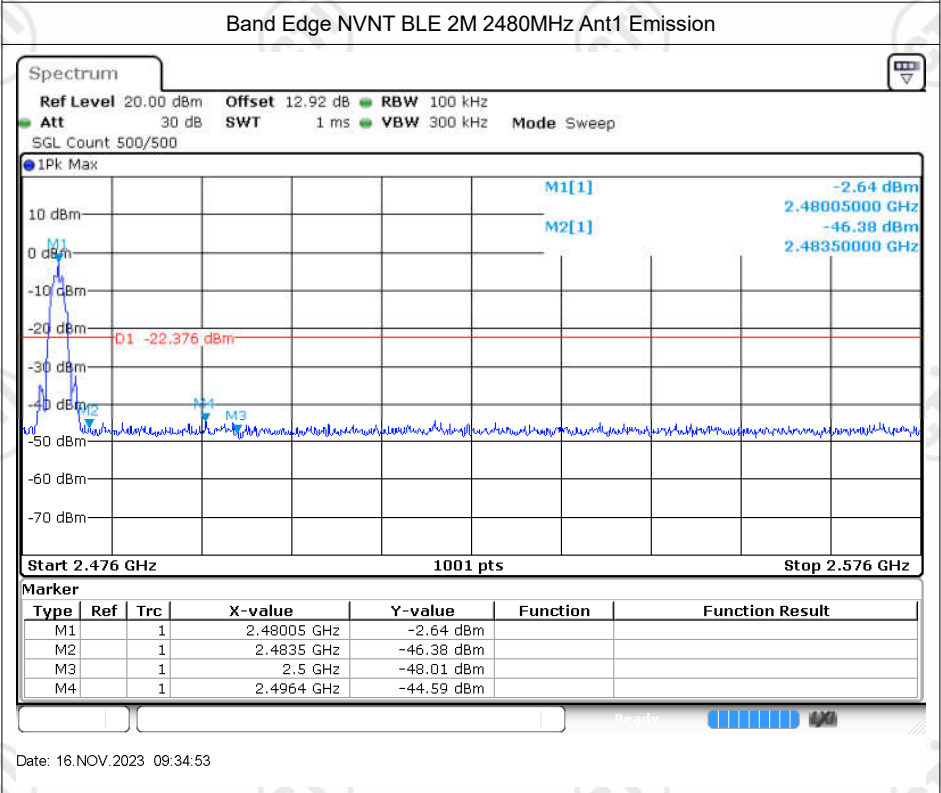
Date: 16.NOV.2023 09:30:36



Date: 16.NOV.2023 09:30:39



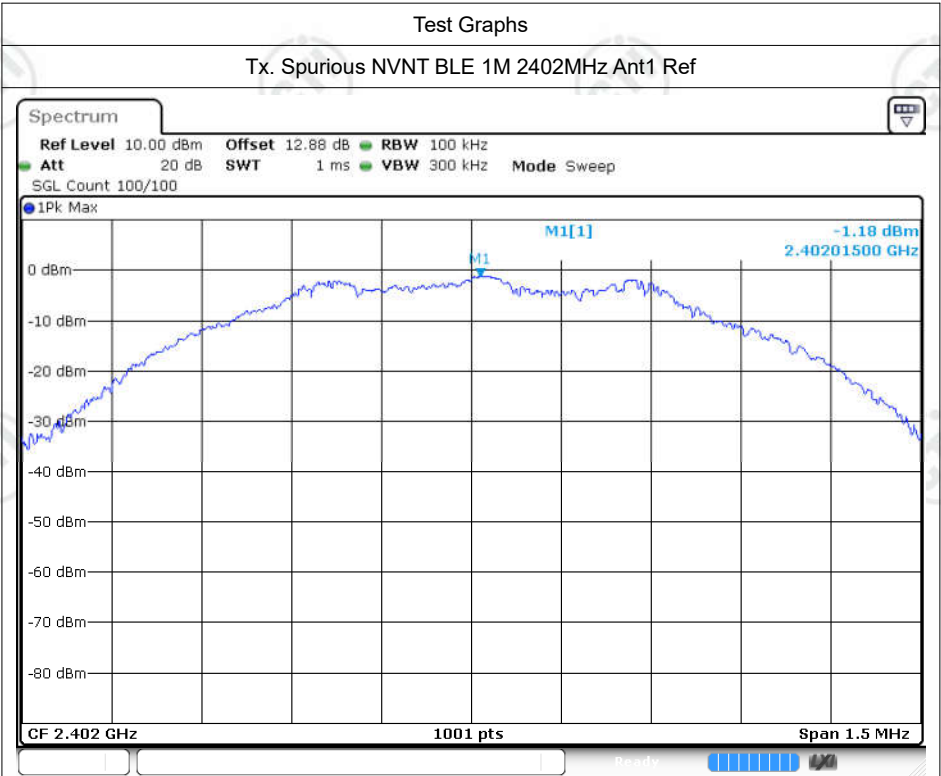
Date: 16.NOV.2023 09:34:50



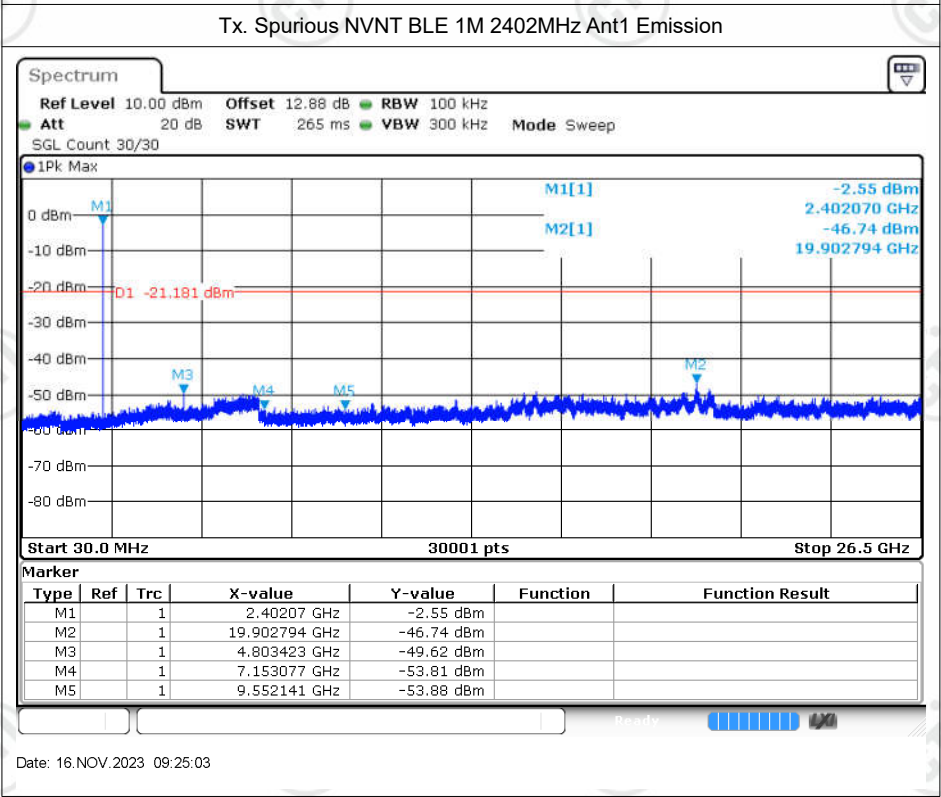
Date: 16.NOV.2023 09:34:53

Conducted RF Spurious Emission

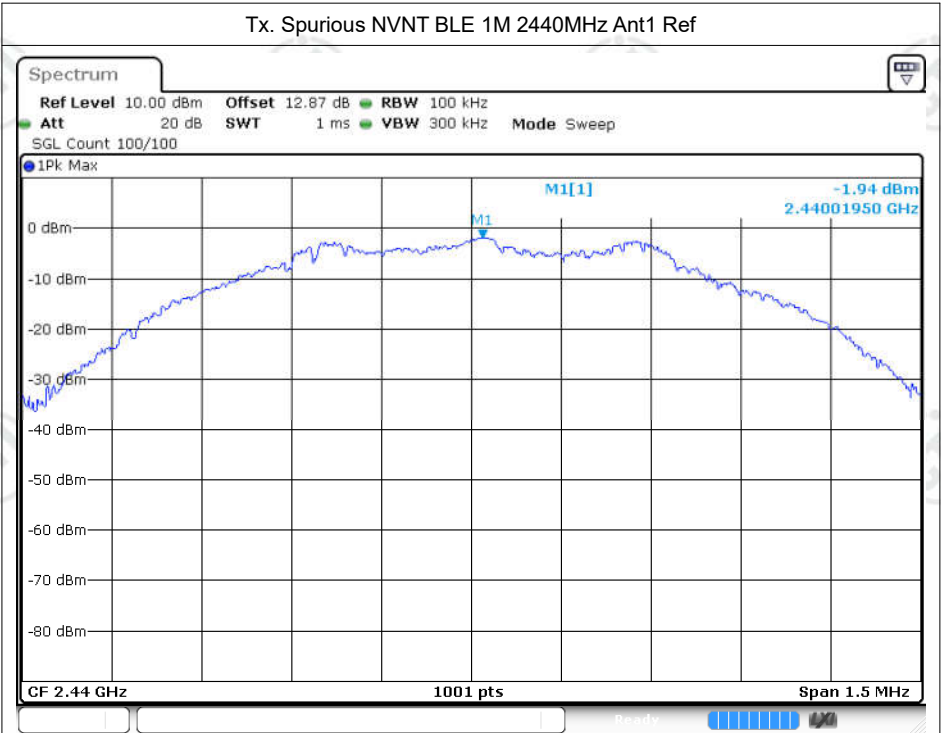
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.56	-20	Pass
NVNT	BLE 1M	2440	Ant1	-42.15	-20	Pass
NVNT	BLE 1M	2480	Ant1	-40.36	-20	Pass
NVNT	BLE 2M	2402	Ant1	-47.12	-20	Pass
NVNT	BLE 2M	2440	Ant1	-41.94	-20	Pass
NVNT	BLE 2M	2480	Ant1	-41.47	-20	Pass



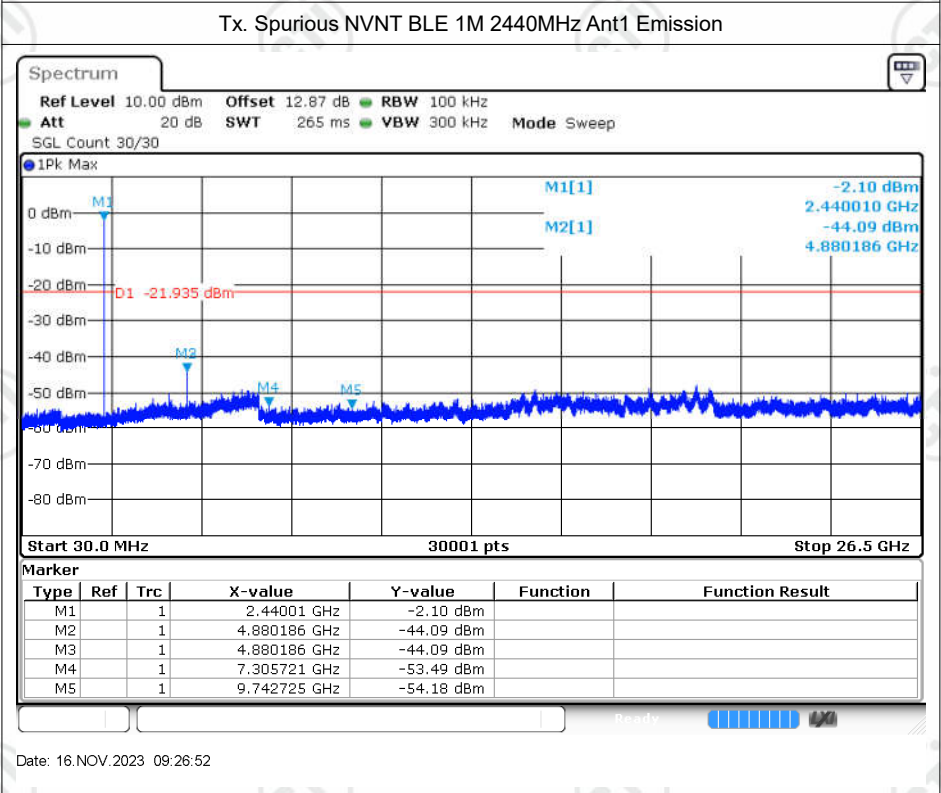
Date: 16.NOV.2023 09:24:34

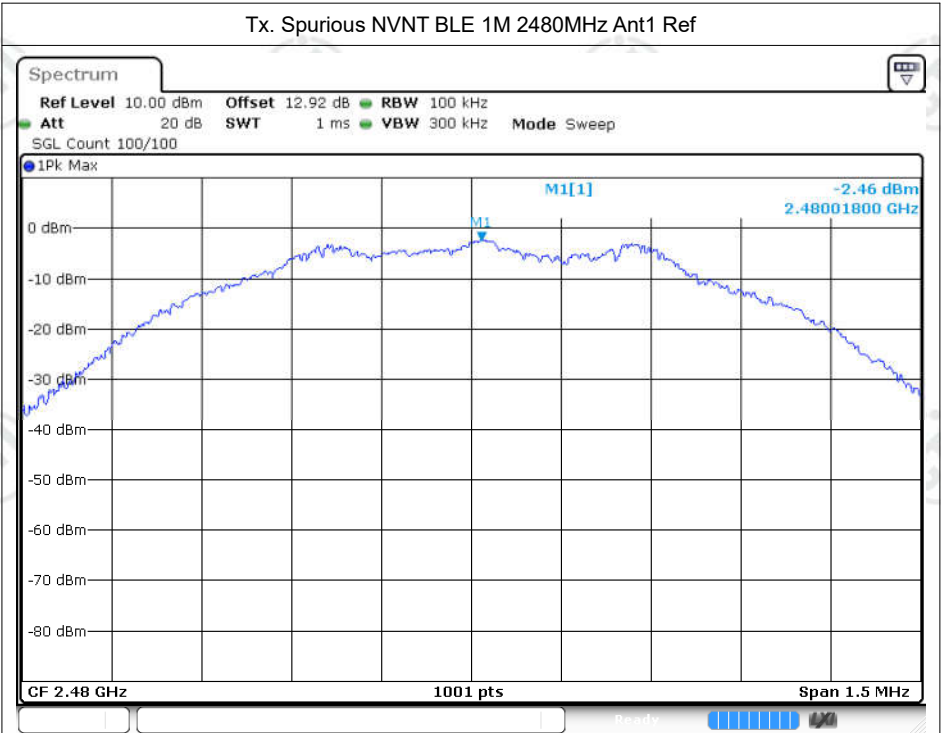


Date: 16.NOV.2023 09:25:03

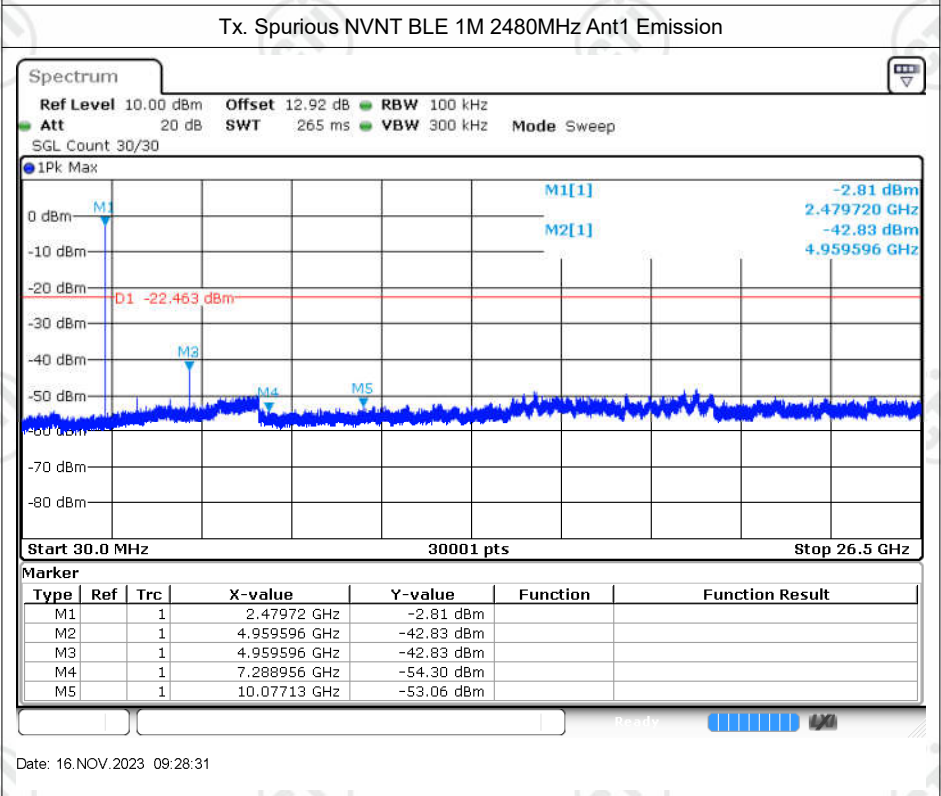


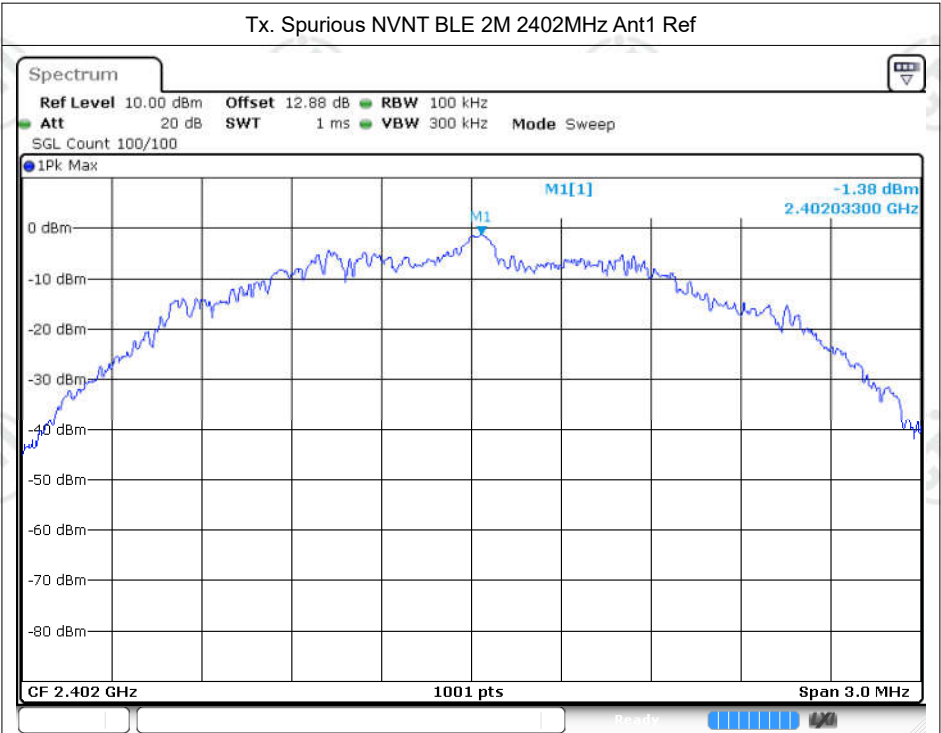
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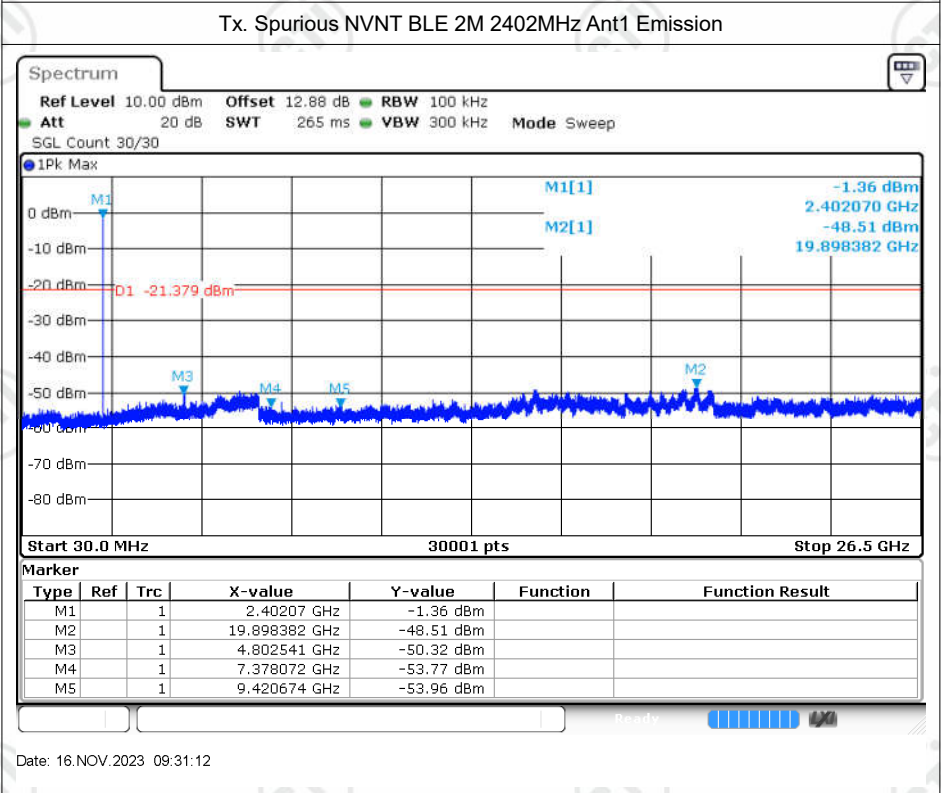


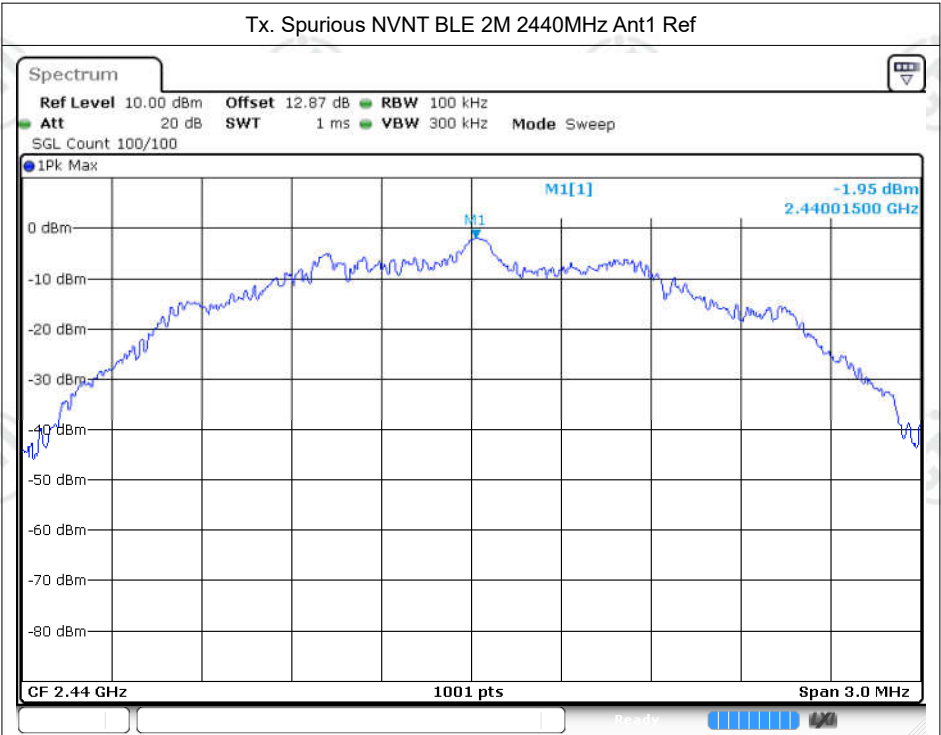
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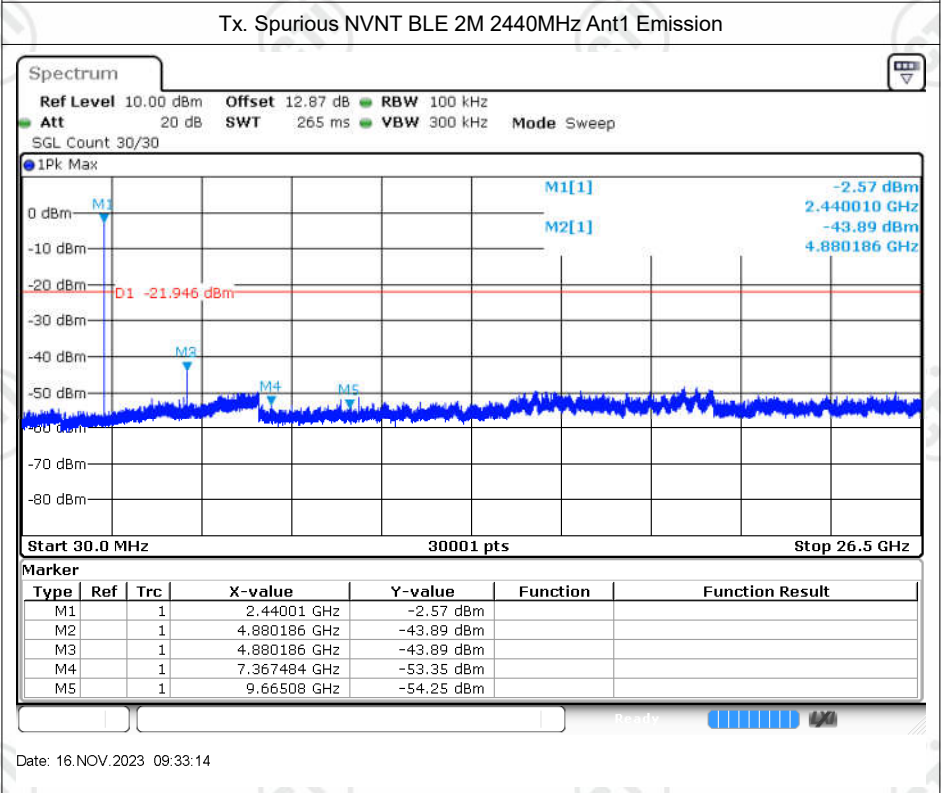


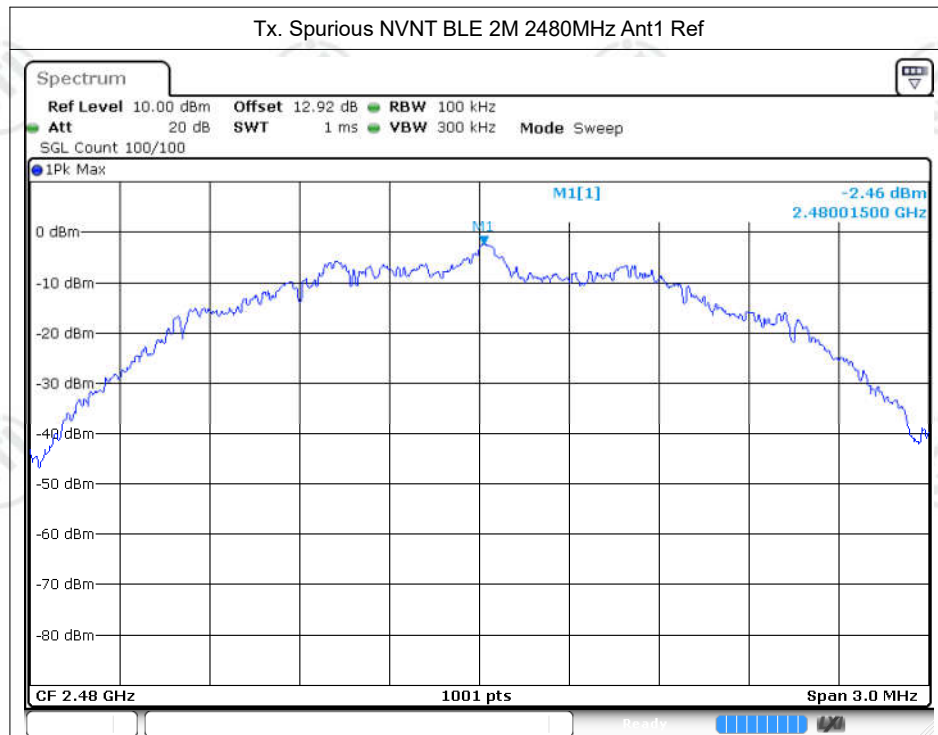
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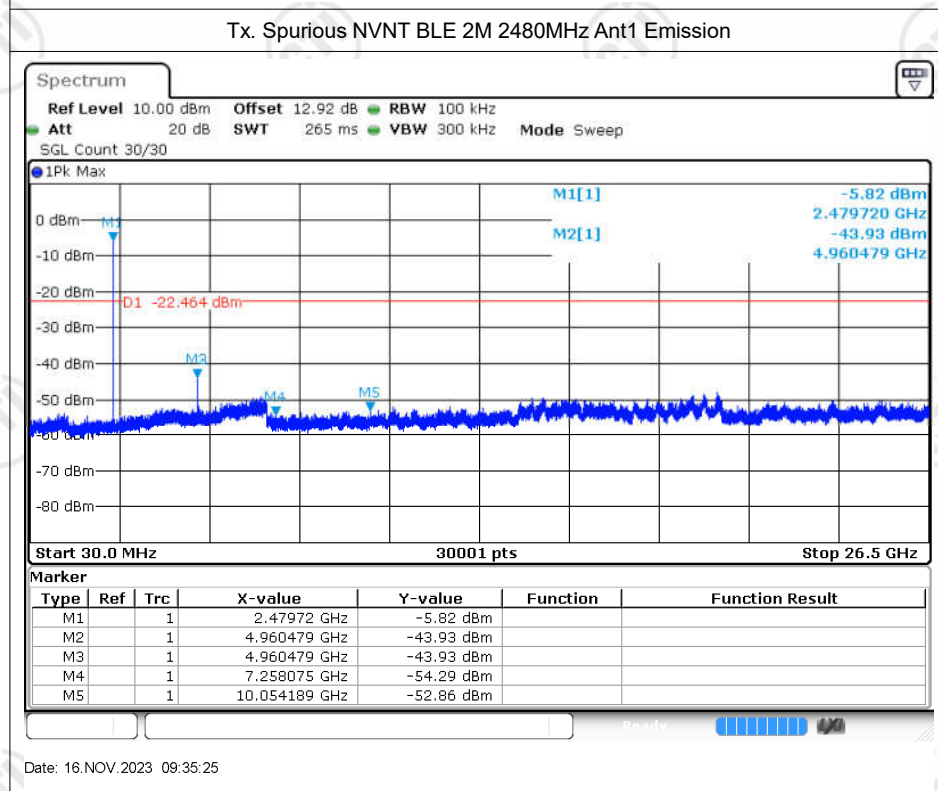


Date: 16.NOV.2023 09:32:45





Date: 16.NOV.2023 09:34:56



Date: 16.NOV.2023 09:35:25

*** End of Report ***