

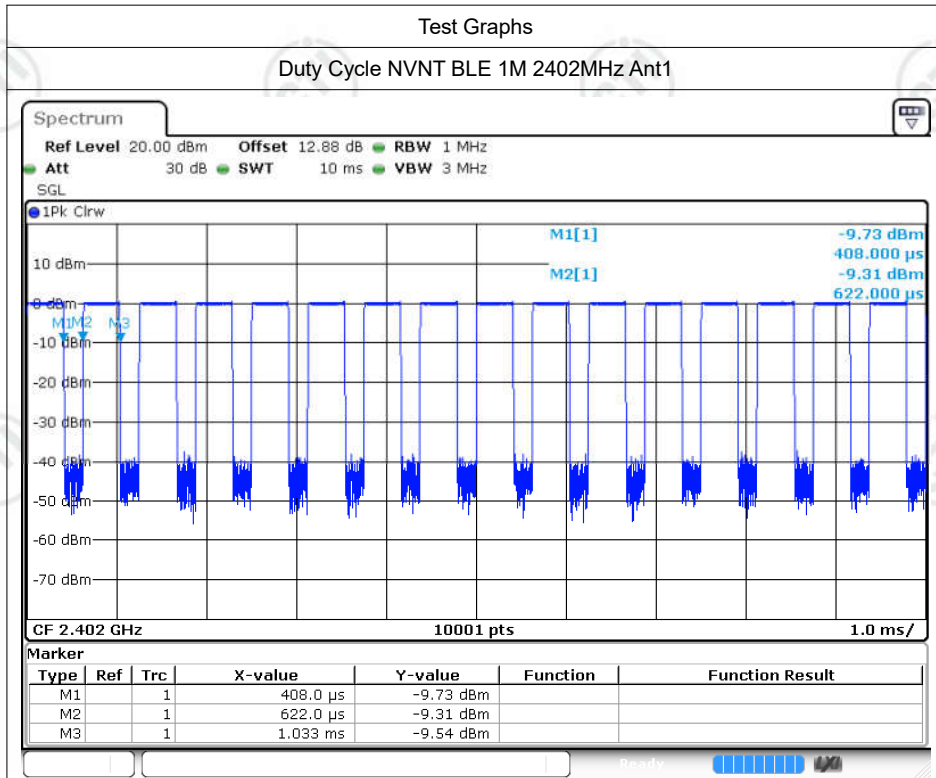
Appendix: Bluetooth LE

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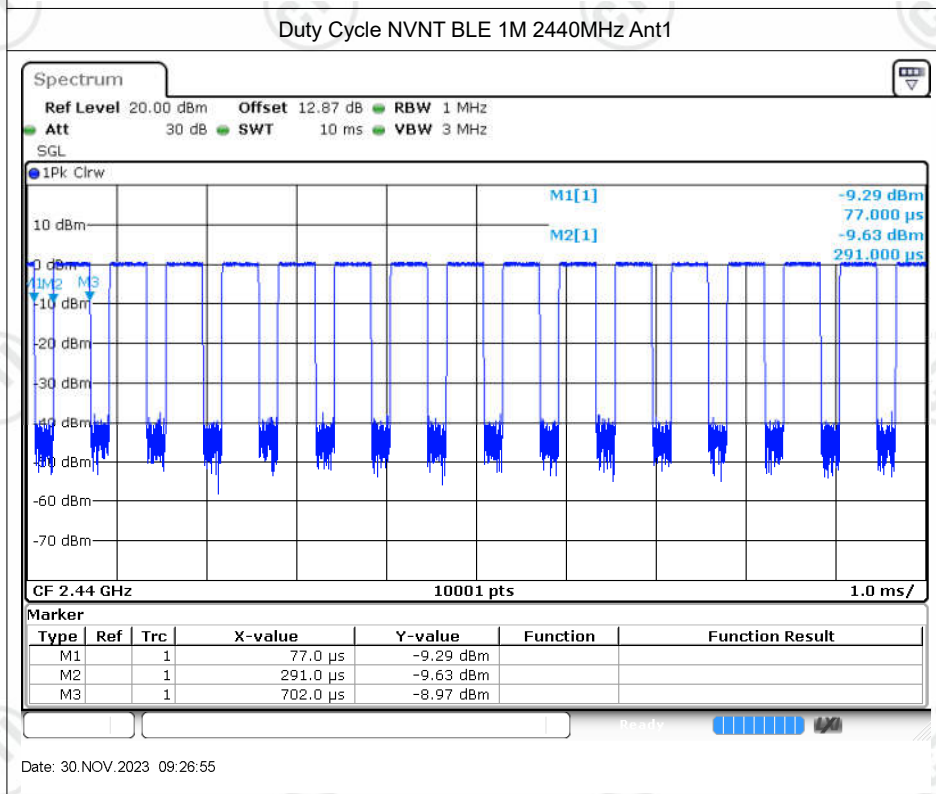
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## Duty Cycle

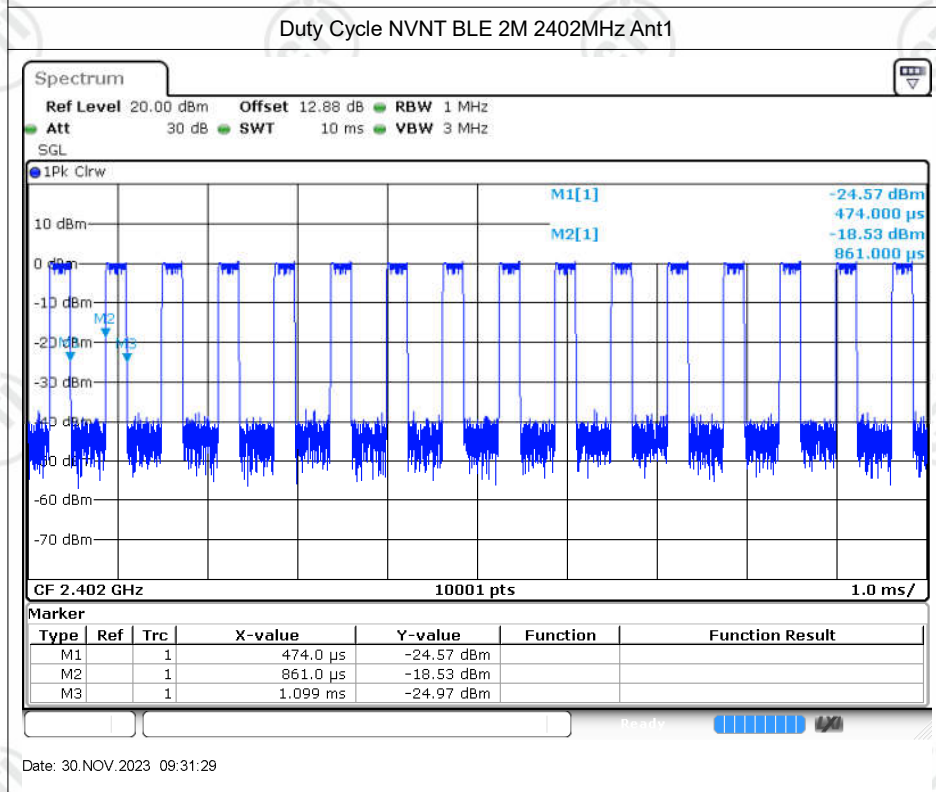
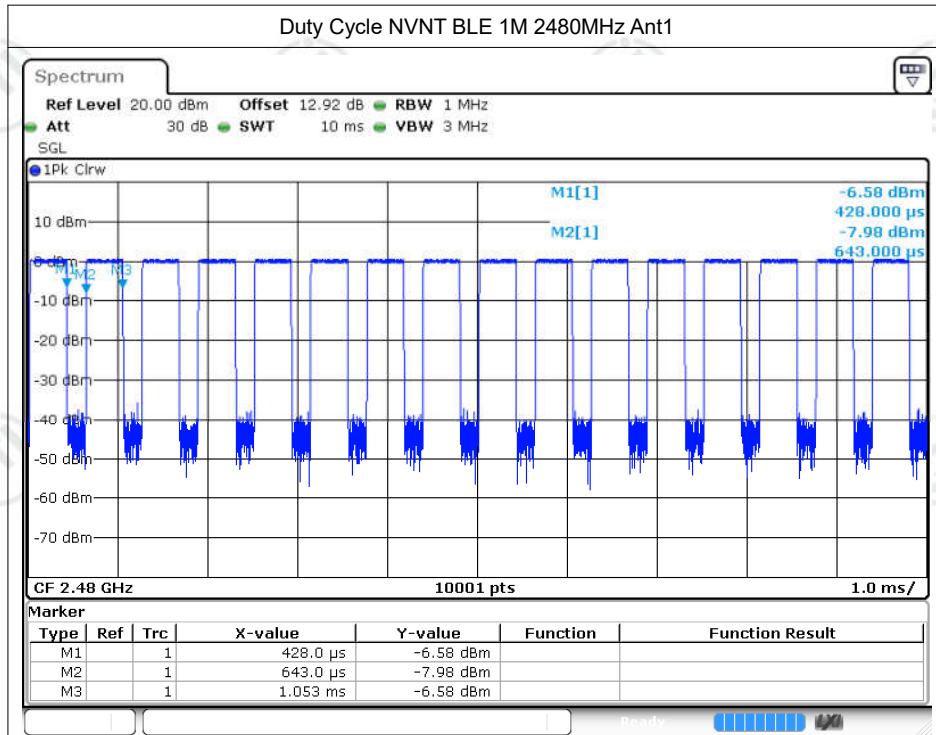
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	65.76	1.82	2.43
NVNT	BLE 1M	2440	Ant1	65.76	1.82	2.43
NVNT	BLE 1M	2480	Ant1	65.6	1.83	2.44
NVNT	BLE 2M	2402	Ant1	38.08	4.19	4.2
NVNT	BLE 2M	2440	Ant1	38.08	4.19	4.2
NVNT	BLE 2M	2480	Ant1	38.08	4.19	4.2

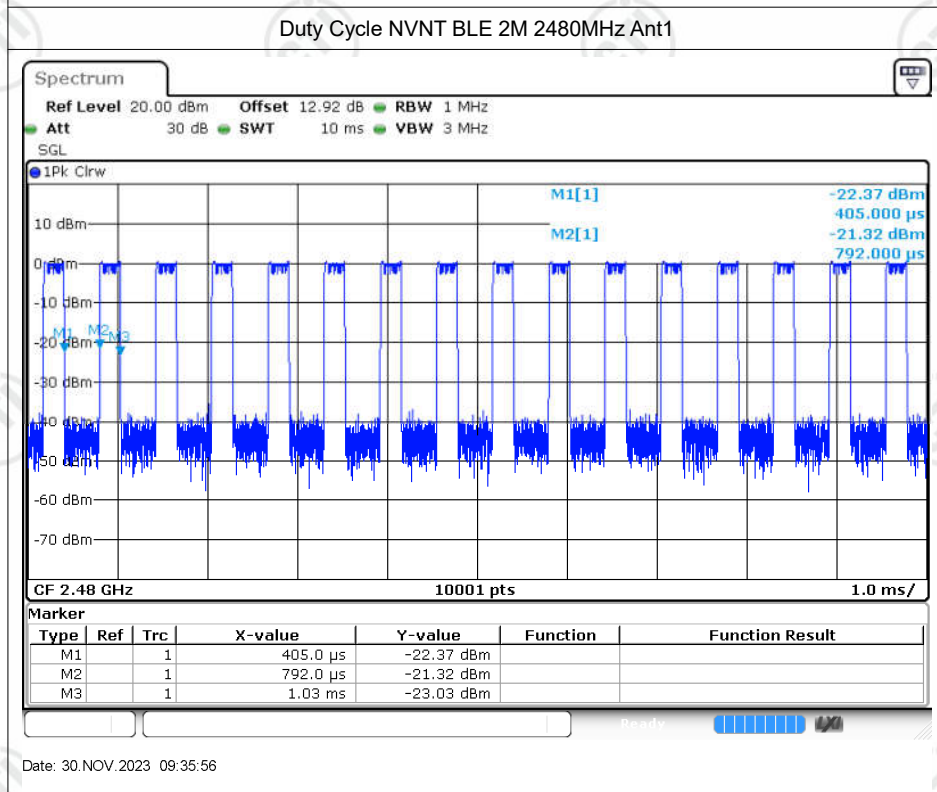
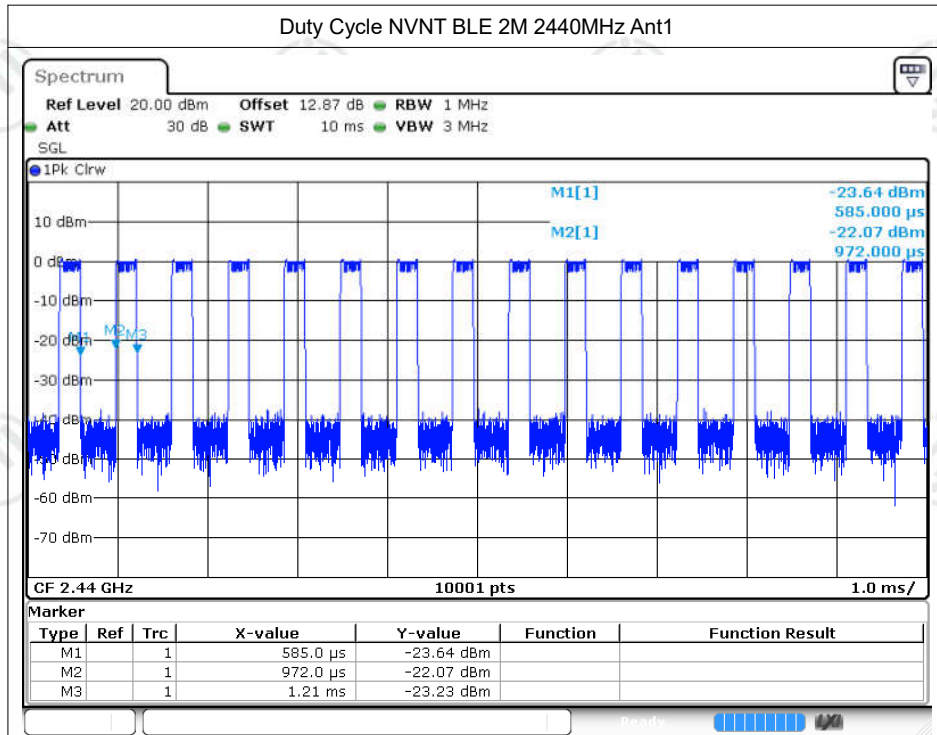


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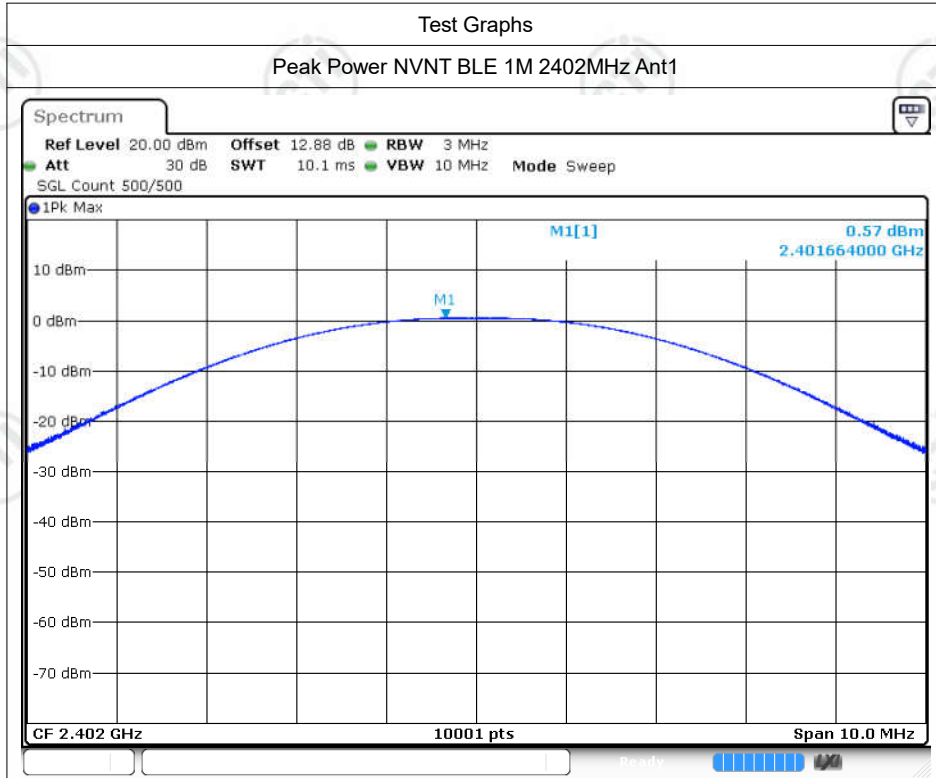
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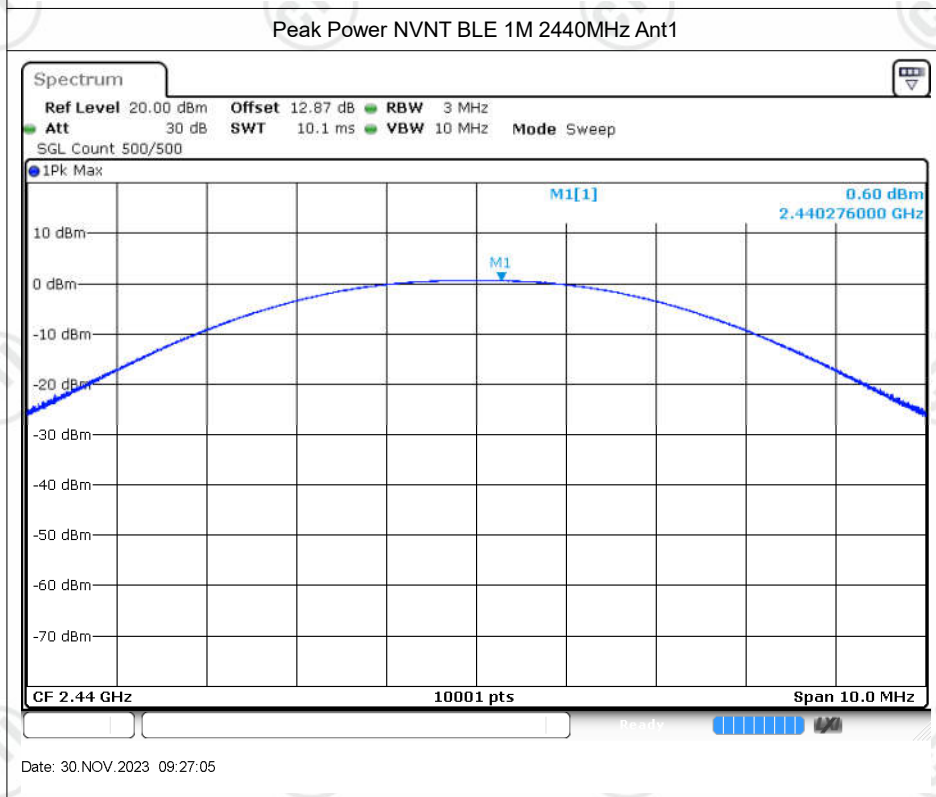


**Maximum Peak Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.57	30	Pass
NVNT	BLE 1M	2440	Ant1	0.6	30	Pass
NVNT	BLE 1M	2480	Ant1	0.62	30	Pass
NVNT	BLE 2M	2402	Ant1	0.47	30	Pass
NVNT	BLE 2M	2440	Ant1	0.57	30	Pass
NVNT	BLE 2M	2480	Ant1	0.58	30	Pass

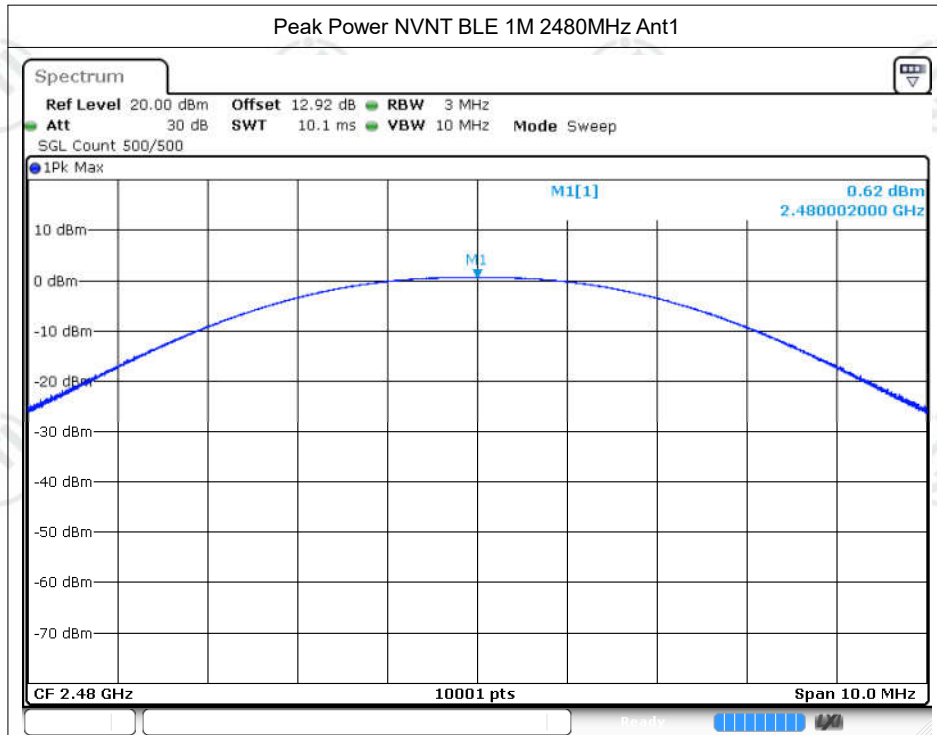


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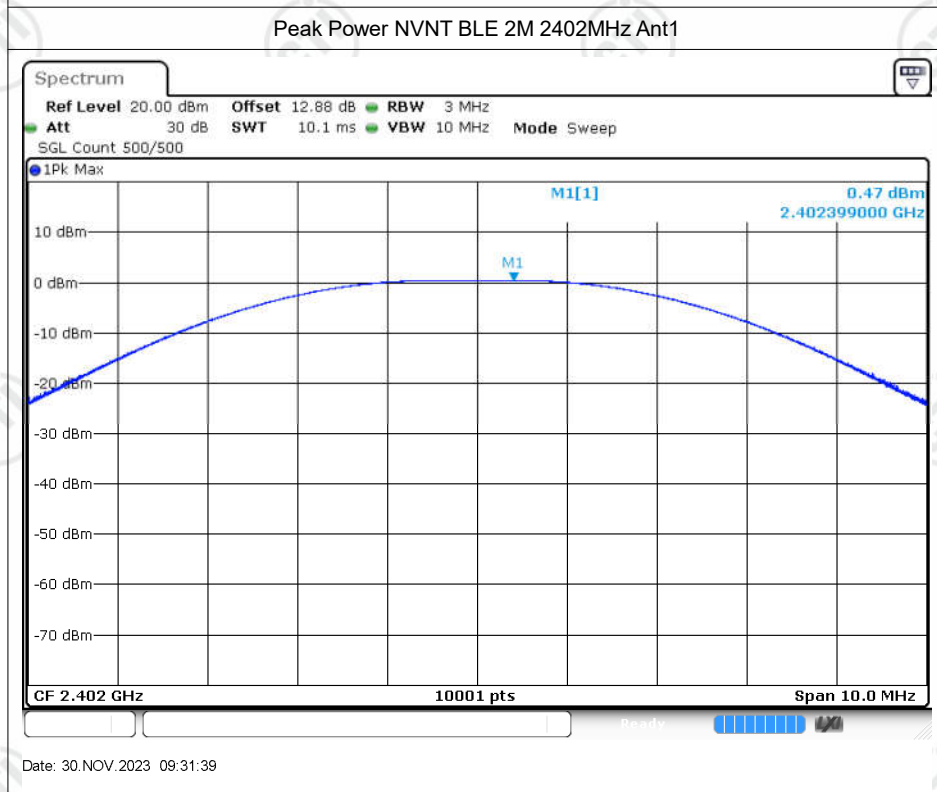


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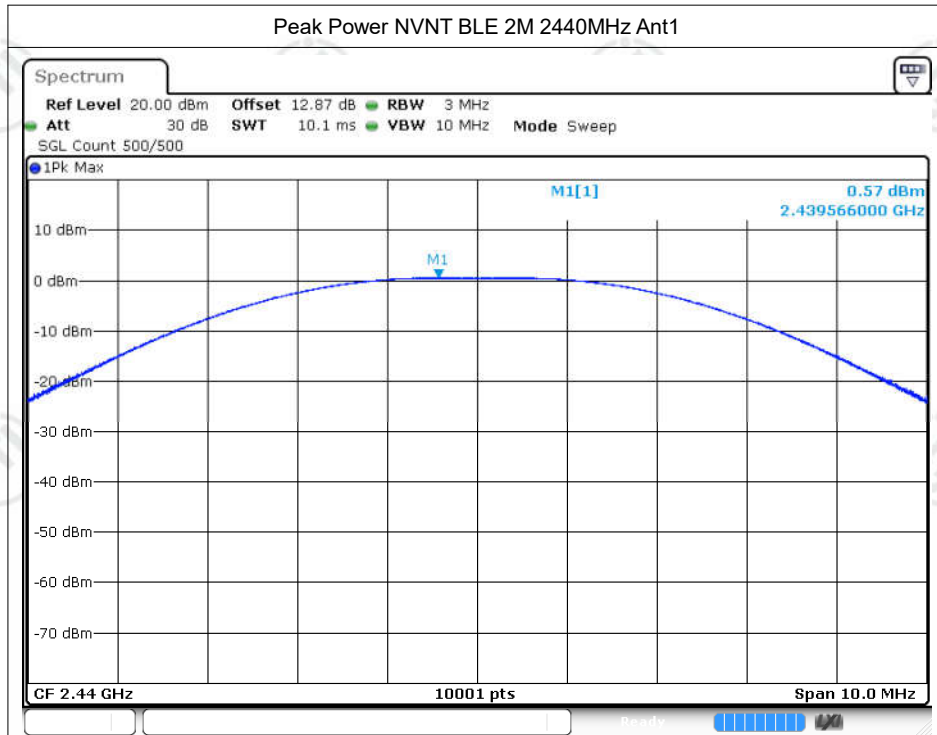




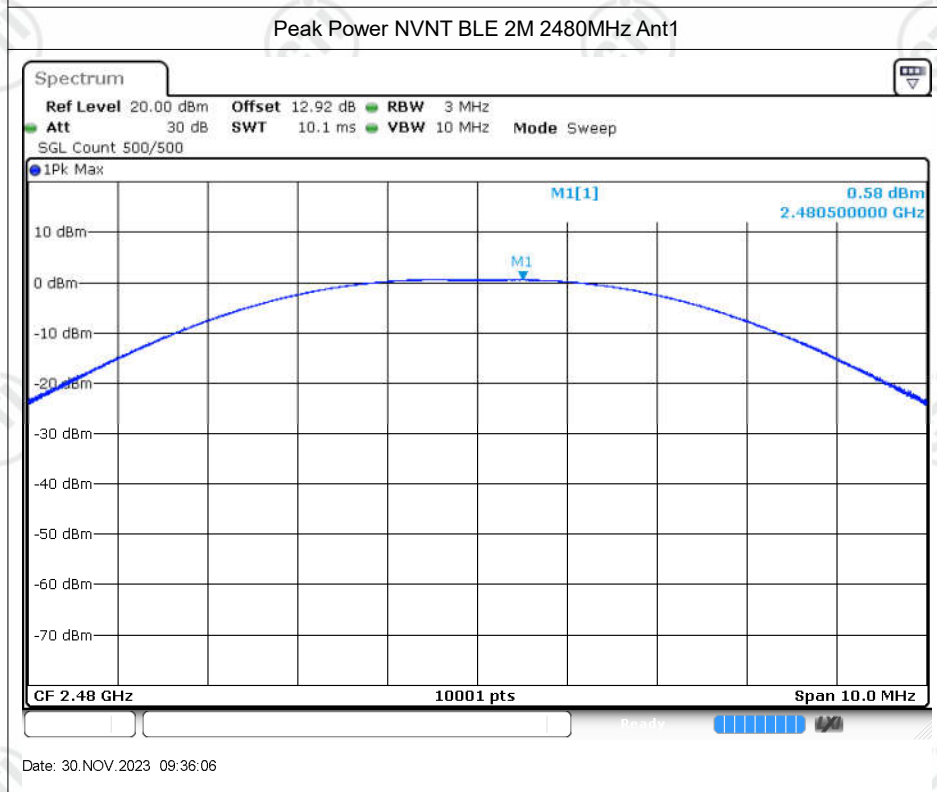
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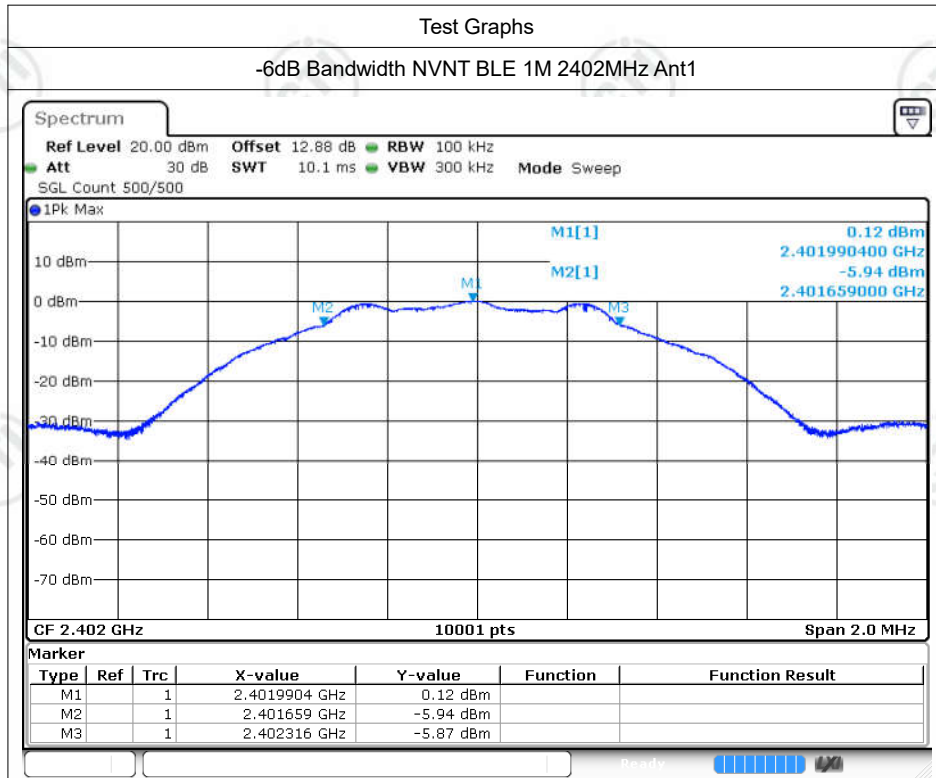
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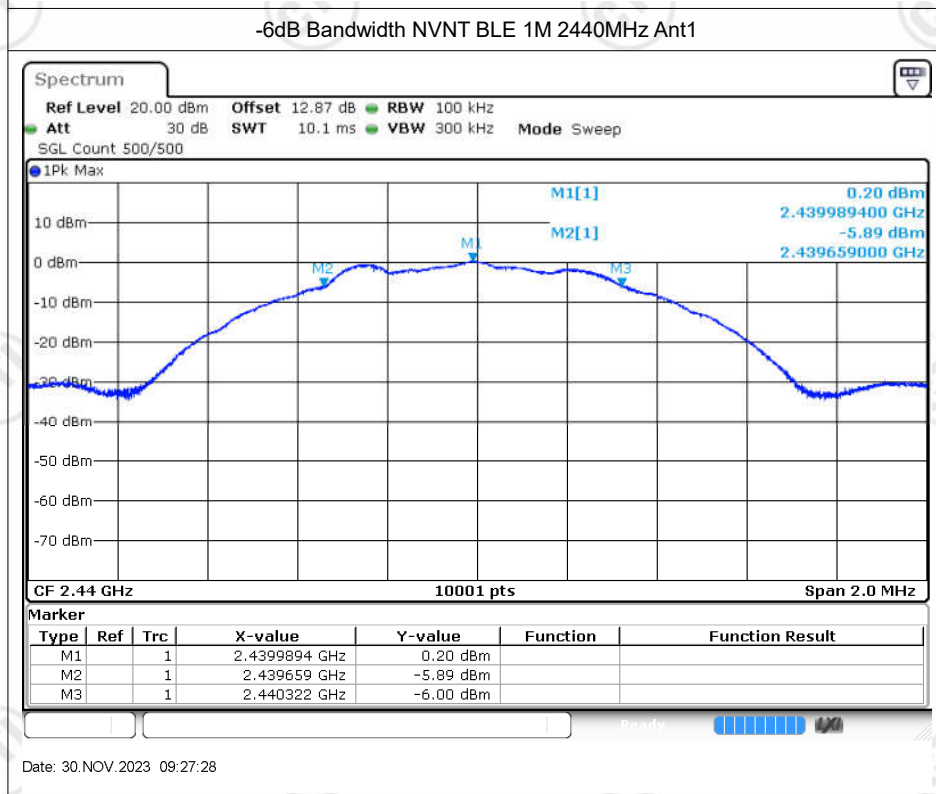
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**-6dB Bandwidth**

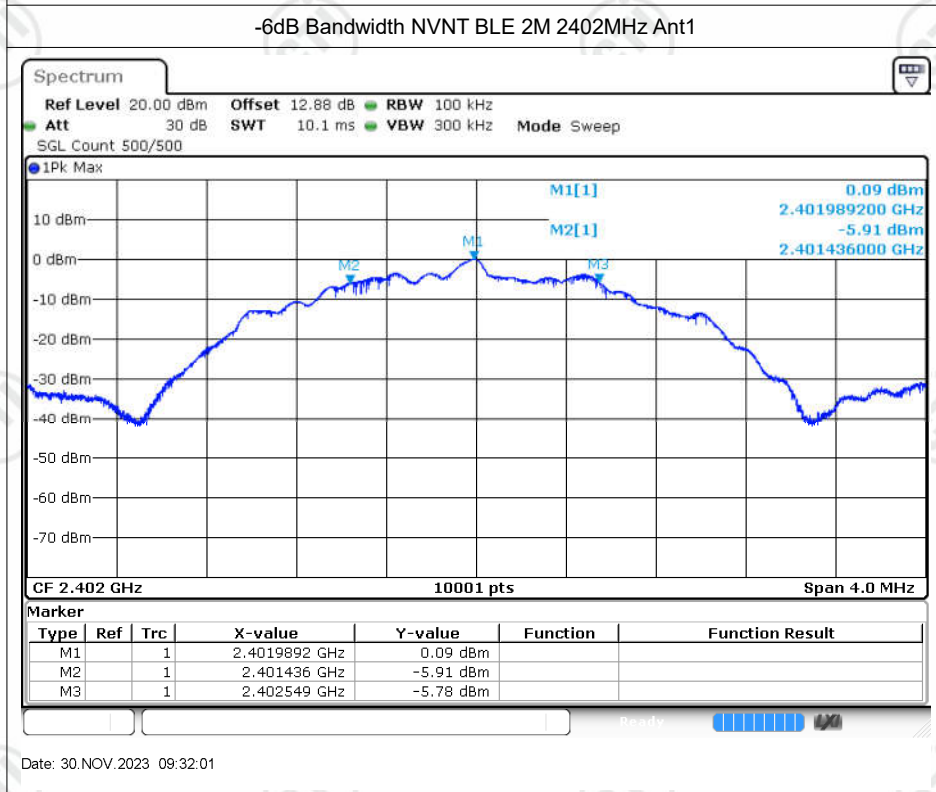
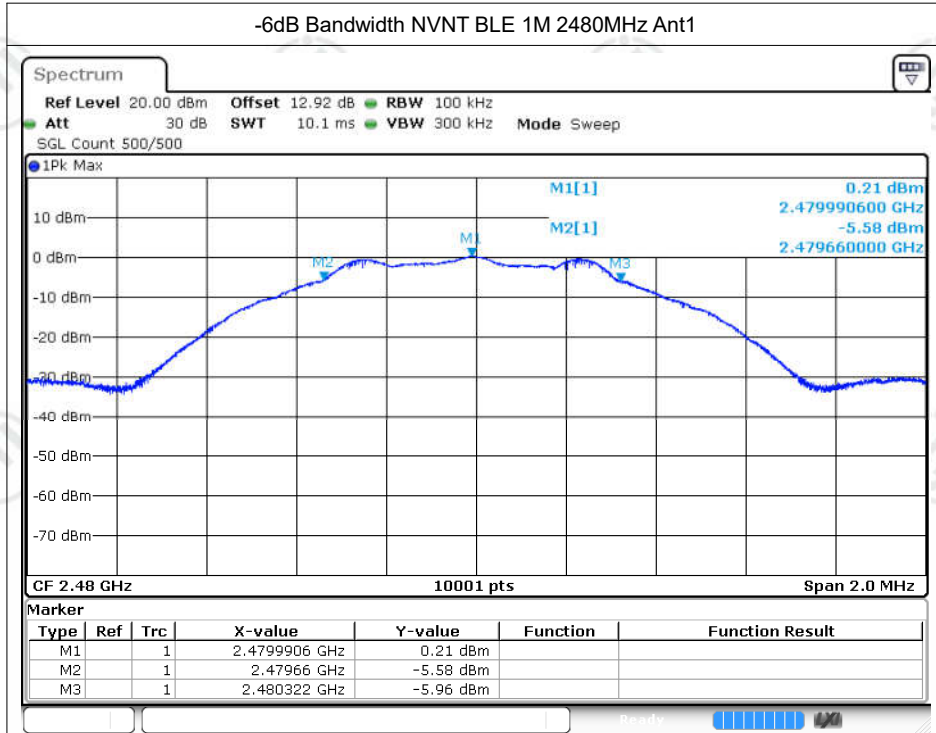
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.657	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.662	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.662	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.113	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.116	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.094	0.5	Pass

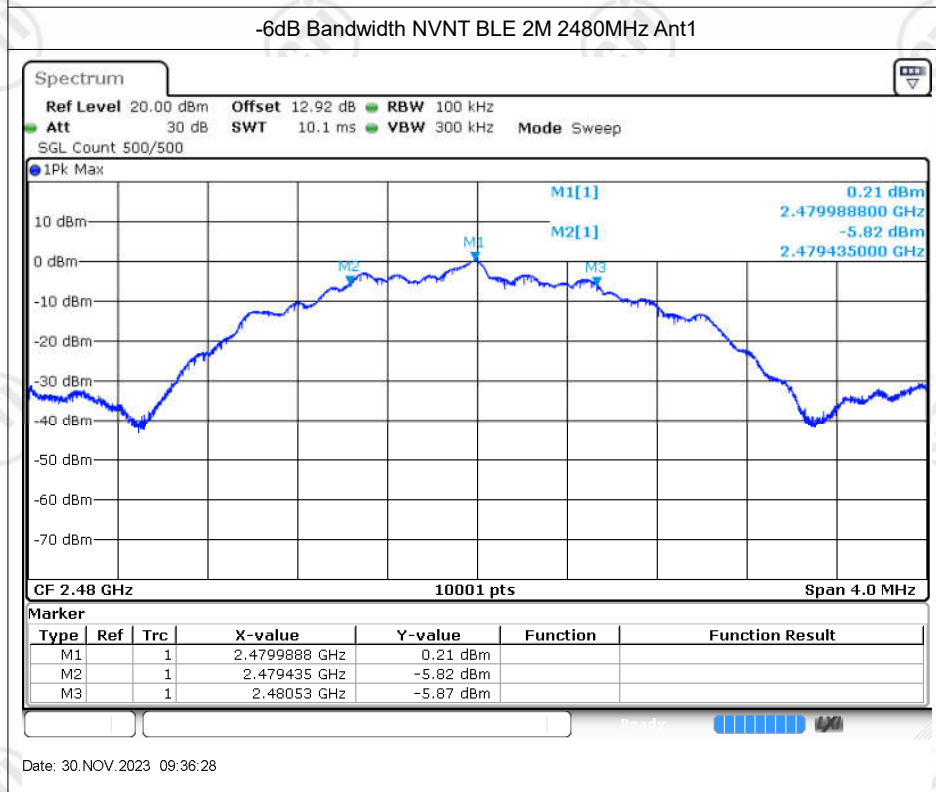
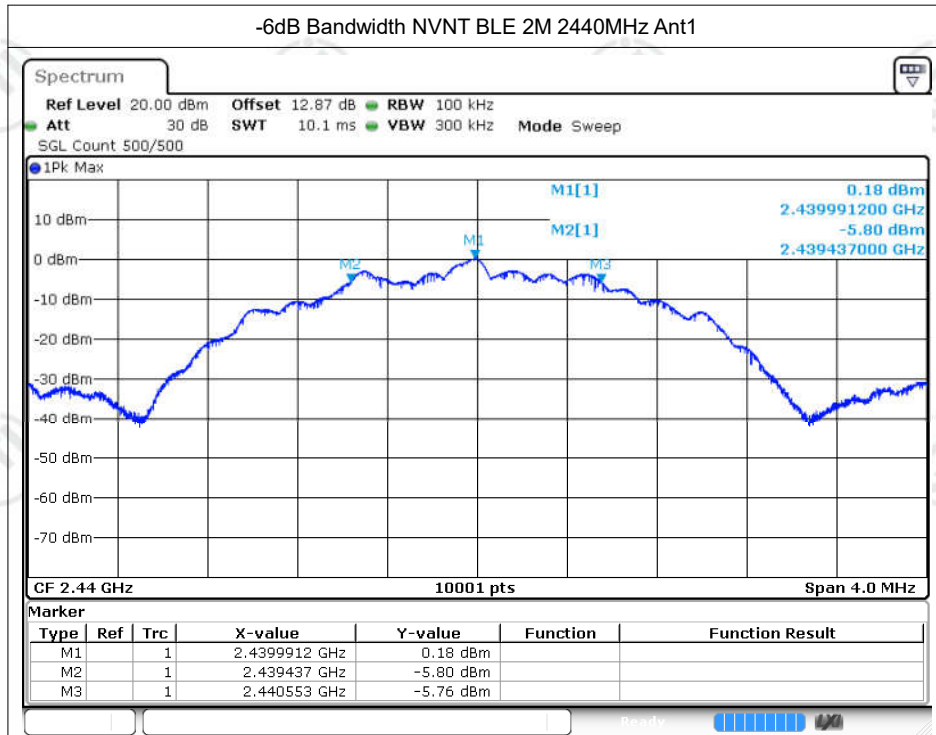


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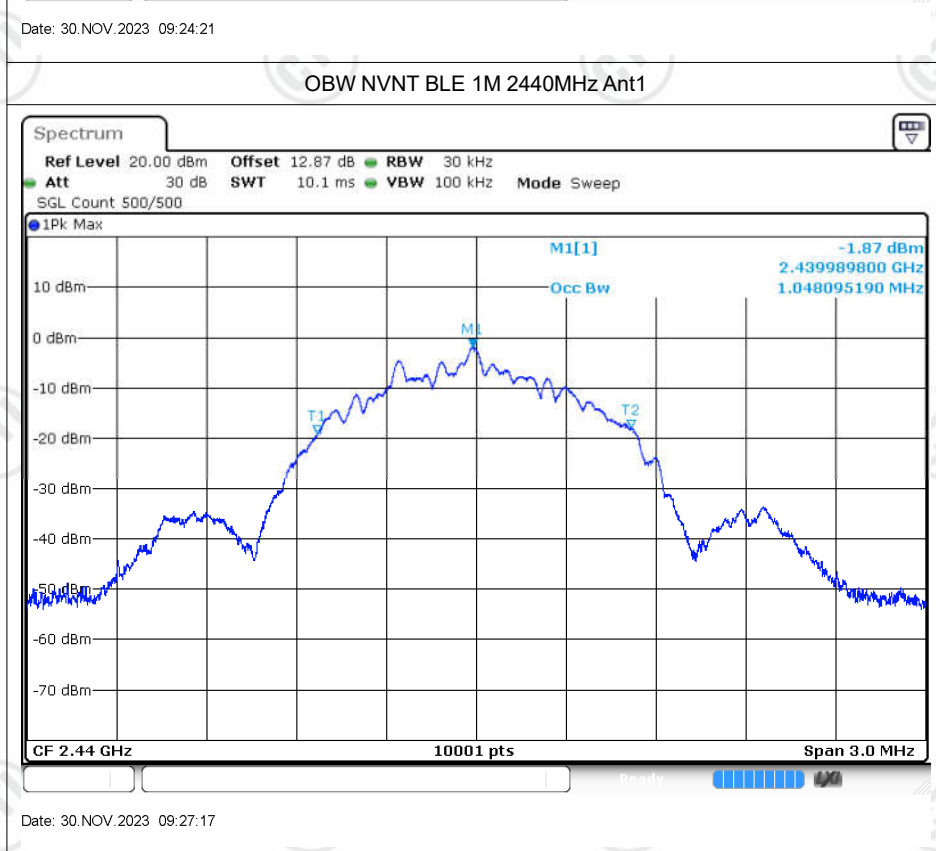
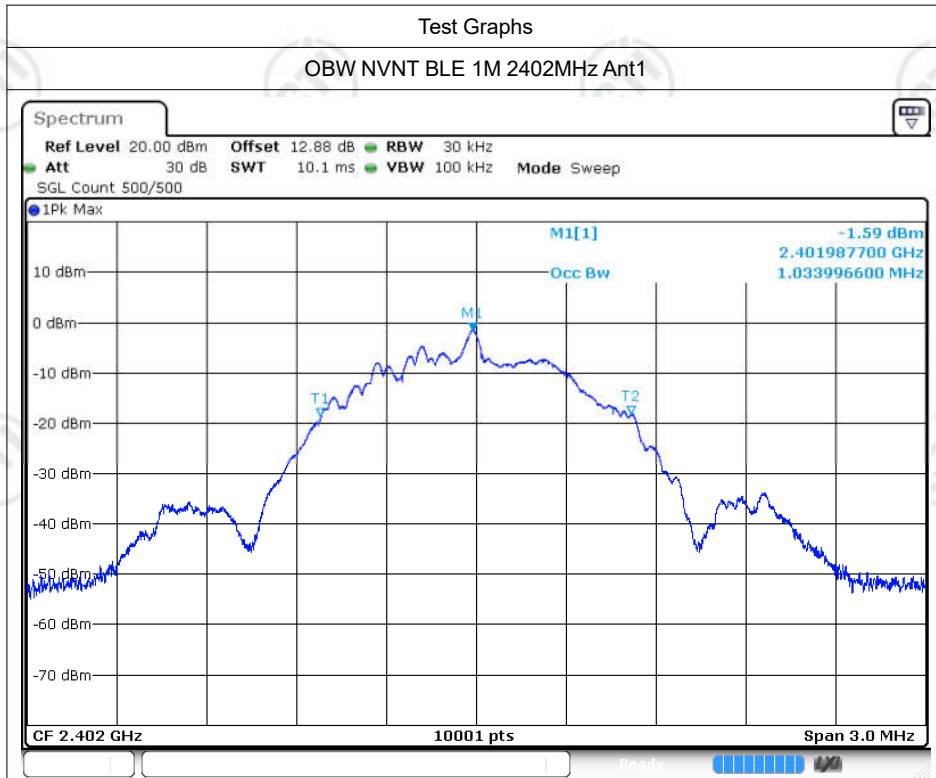
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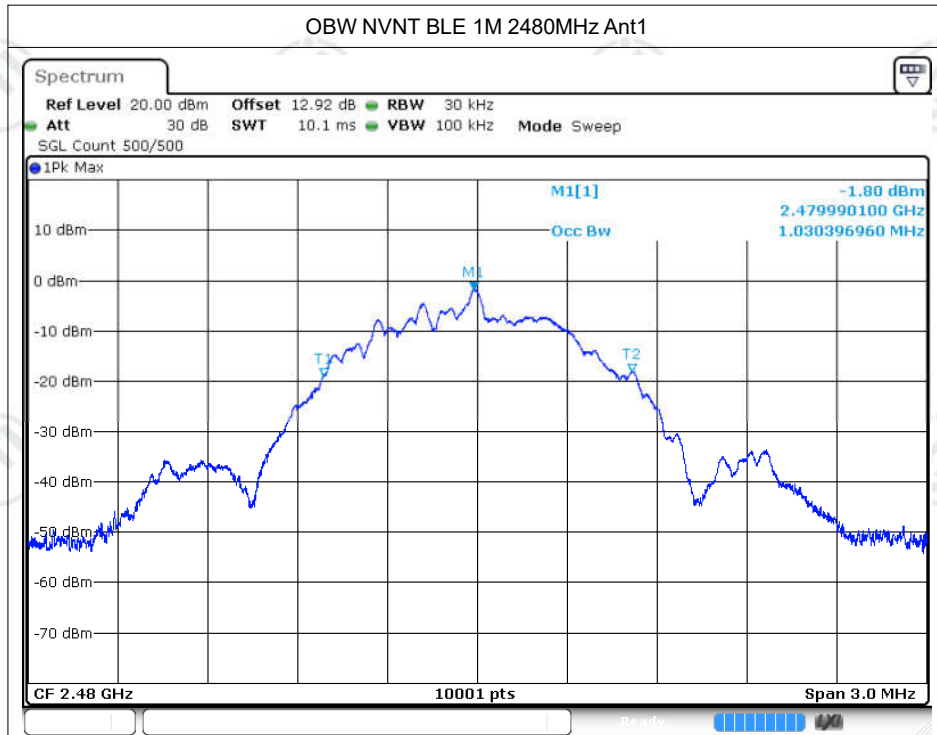


## Occupied Channel Bandwidth

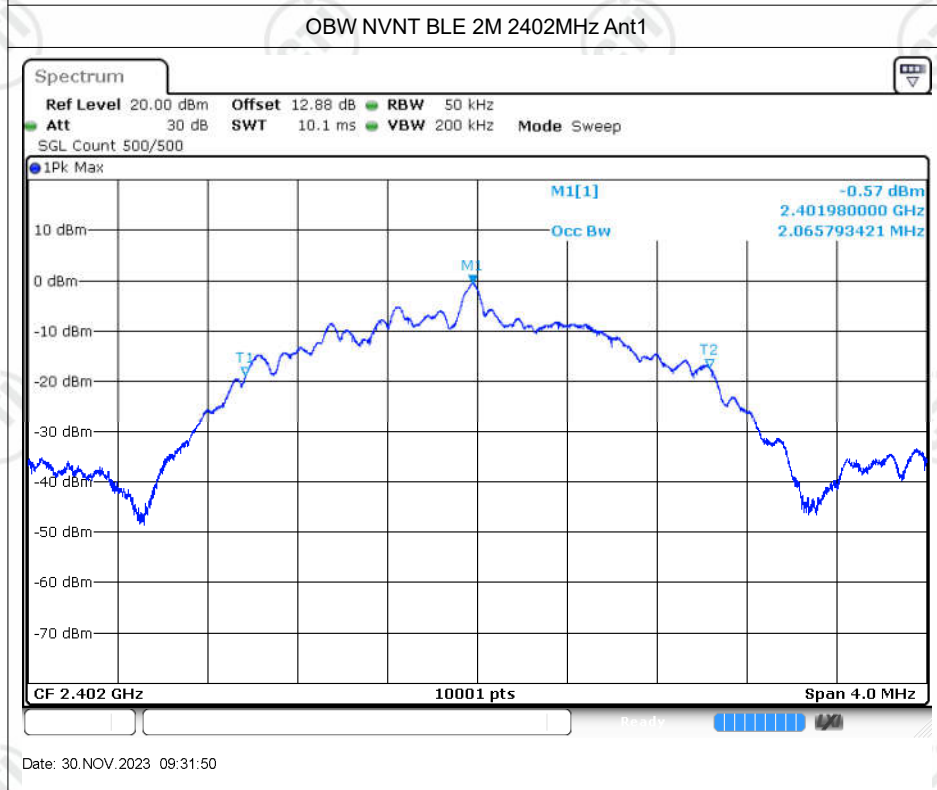
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.034
NVNT	BLE 1M	2440	Ant1	1.048
NVNT	BLE 1M	2480	Ant1	1.03
NVNT	BLE 2M	2402	Ant1	2.066
NVNT	BLE 2M	2440	Ant1	2.065
NVNT	BLE 2M	2480	Ant1	2.055



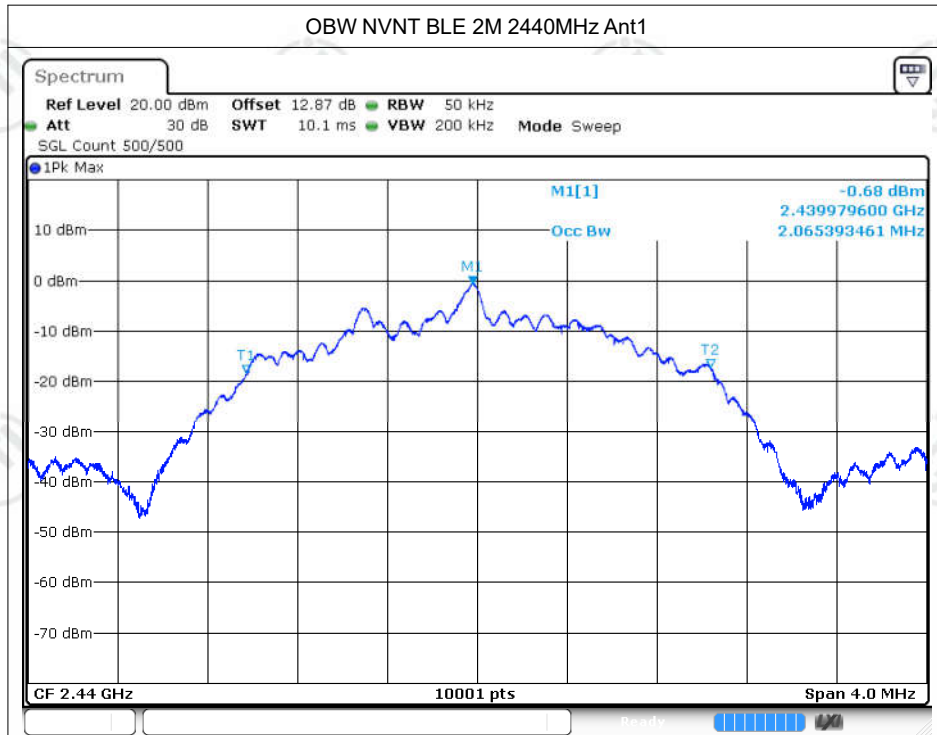




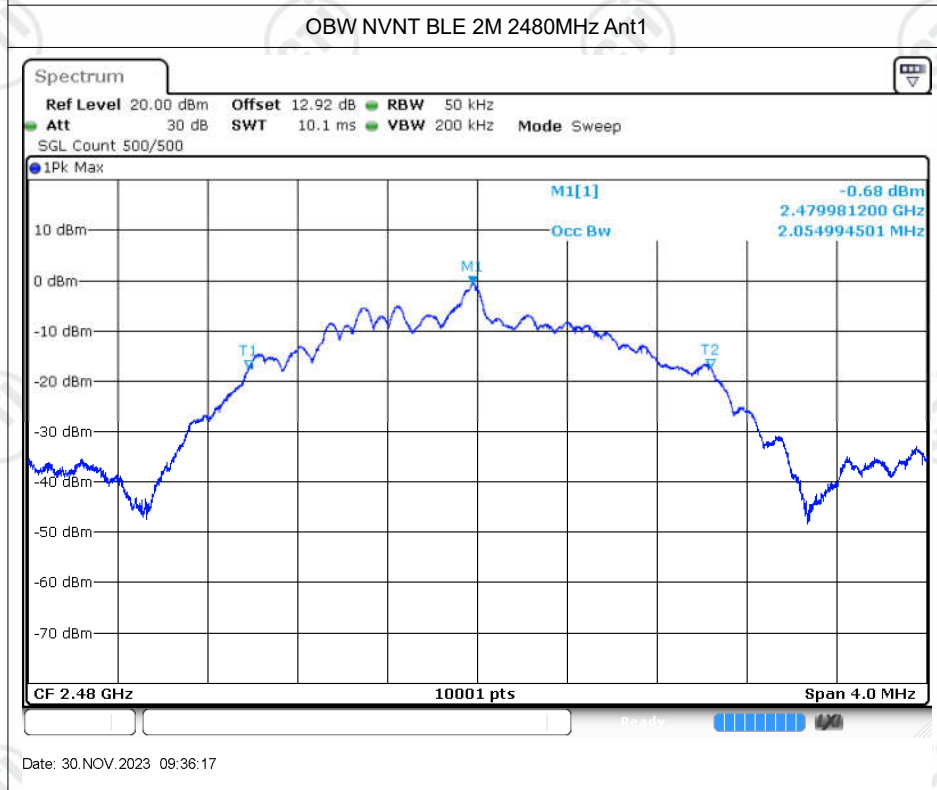
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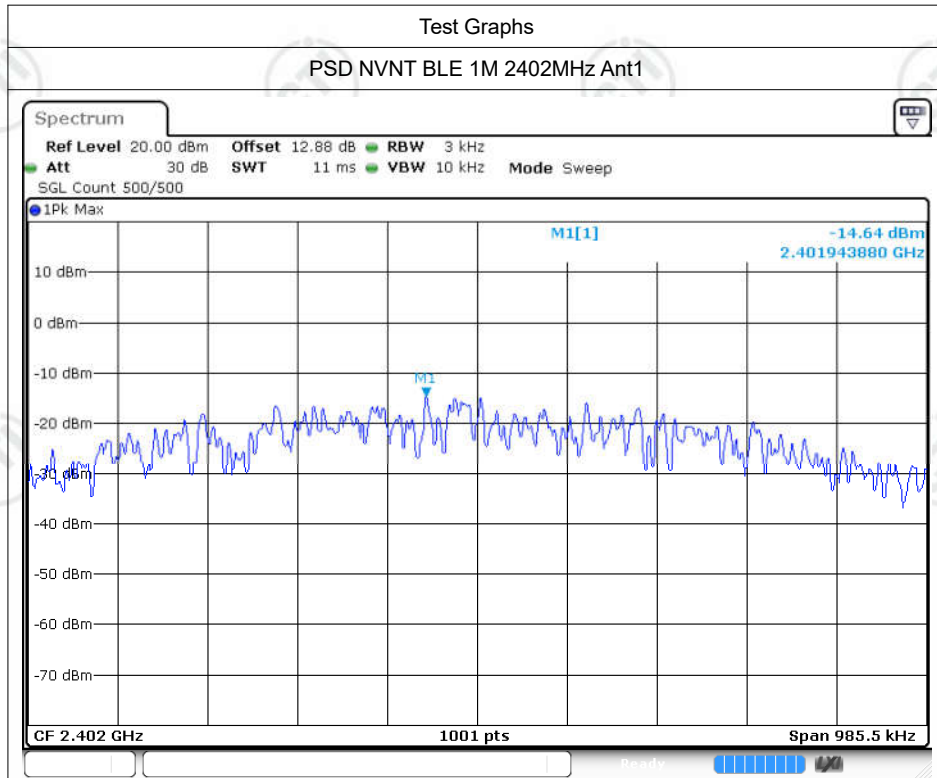
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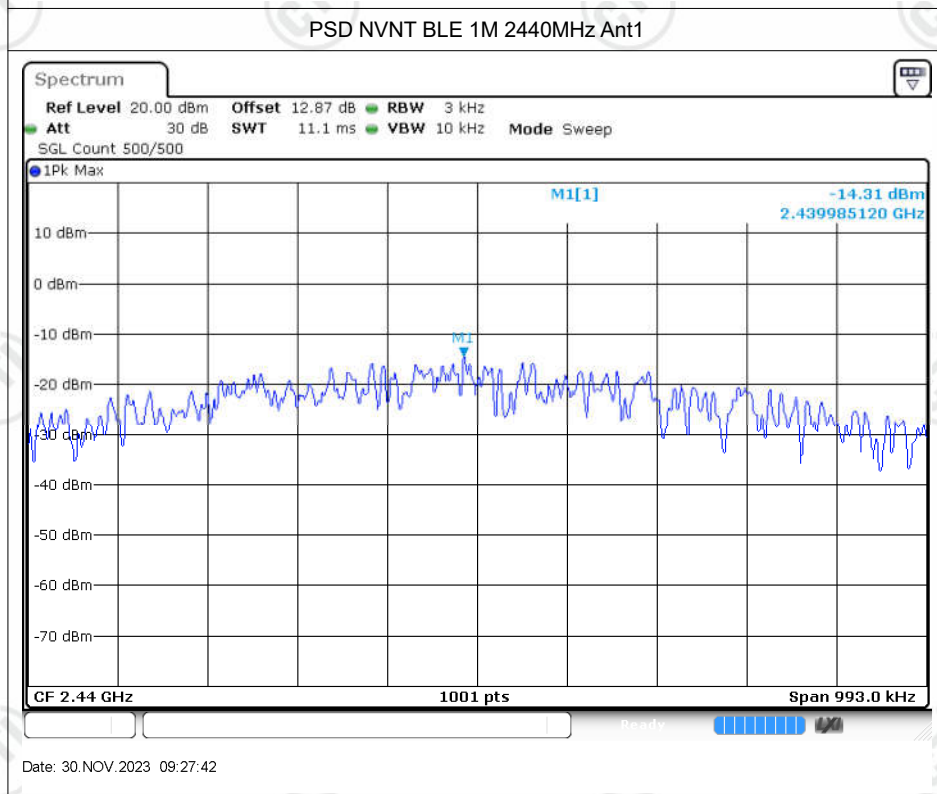
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**Maximum Power Spectral Density Level**

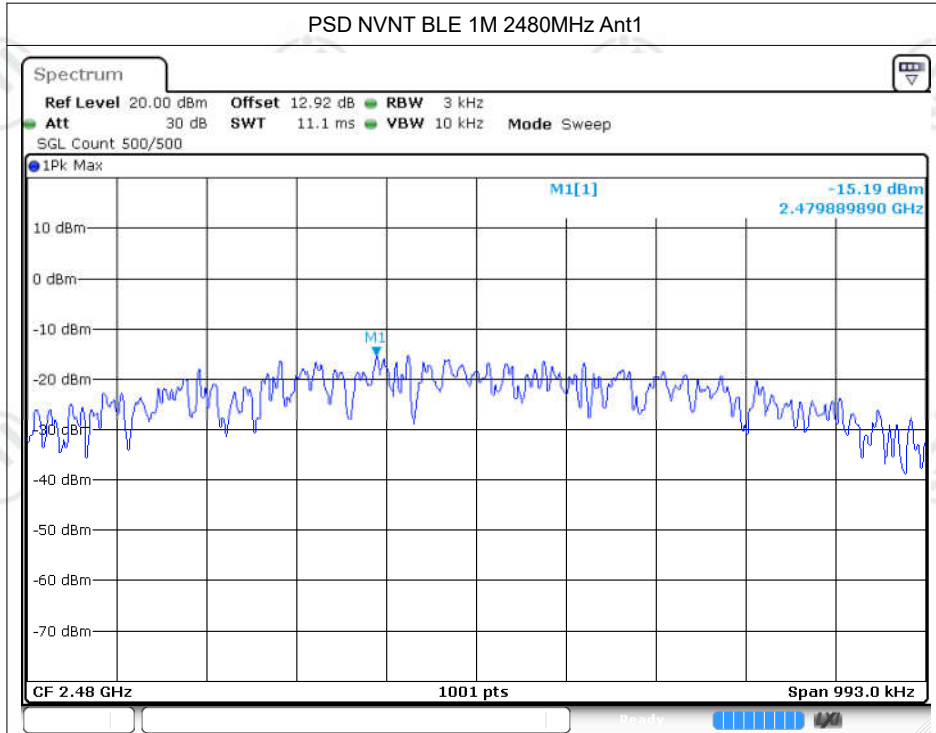
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-14.64	8	Pass
NVNT	BLE 1M	2440	Ant1	-14.31	8	Pass
NVNT	BLE 1M	2480	Ant1	-15.19	8	Pass
NVNT	BLE 2M	2402	Ant1	-16.07	8	Pass
NVNT	BLE 2M	2440	Ant1	-14.87	8	Pass
NVNT	BLE 2M	2480	Ant1	-16.54	8	Pass



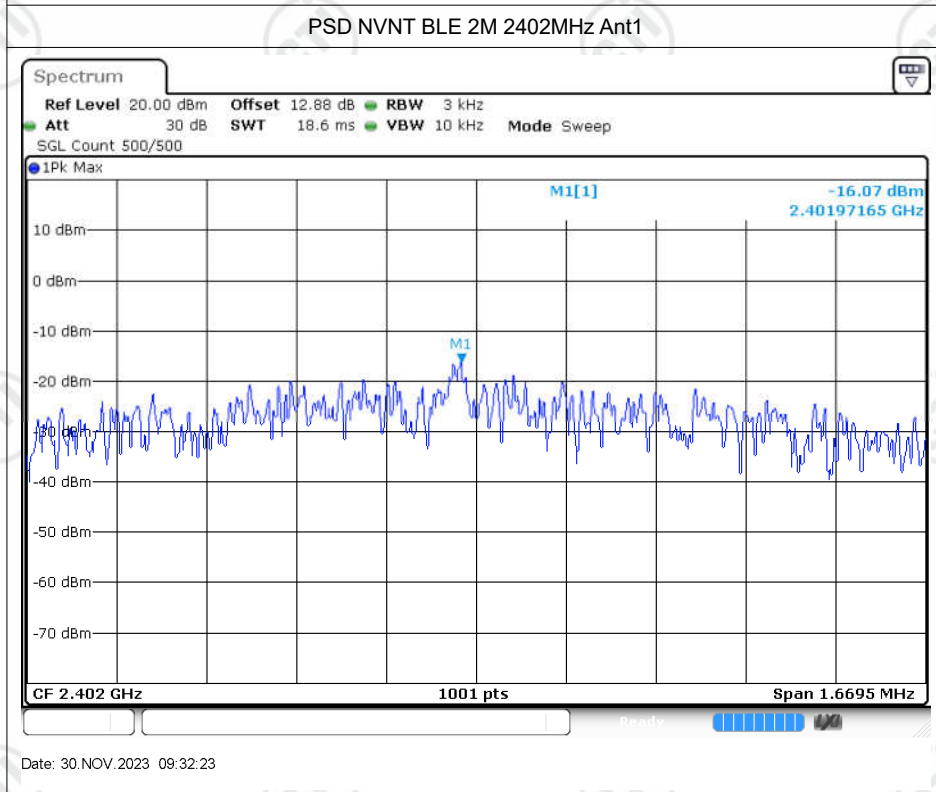
Date: 30.NOV.2023 09:24:46



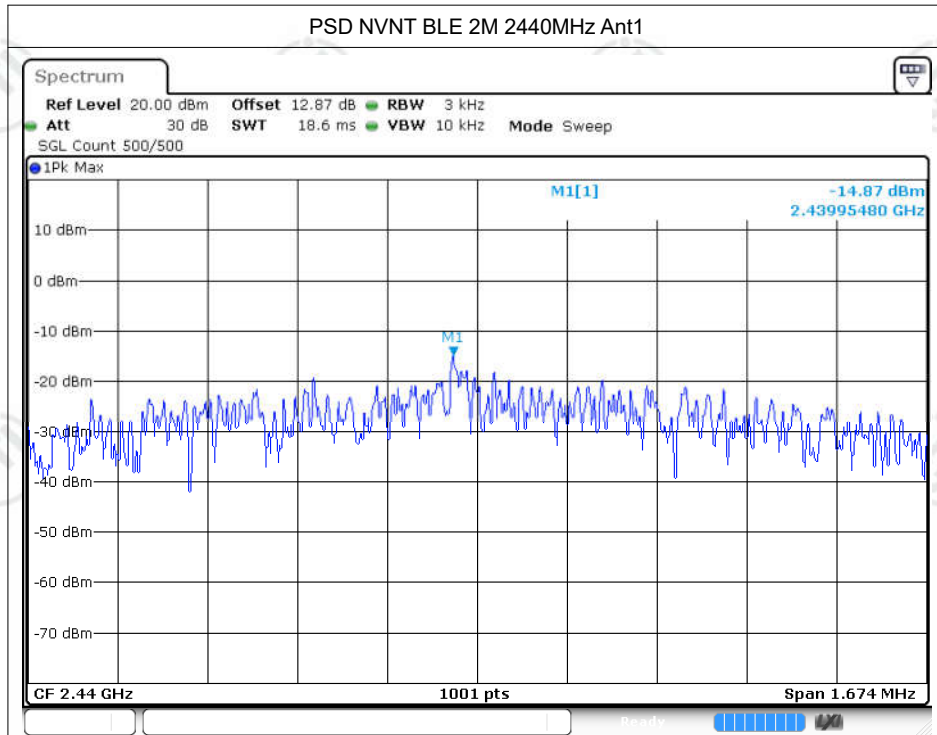
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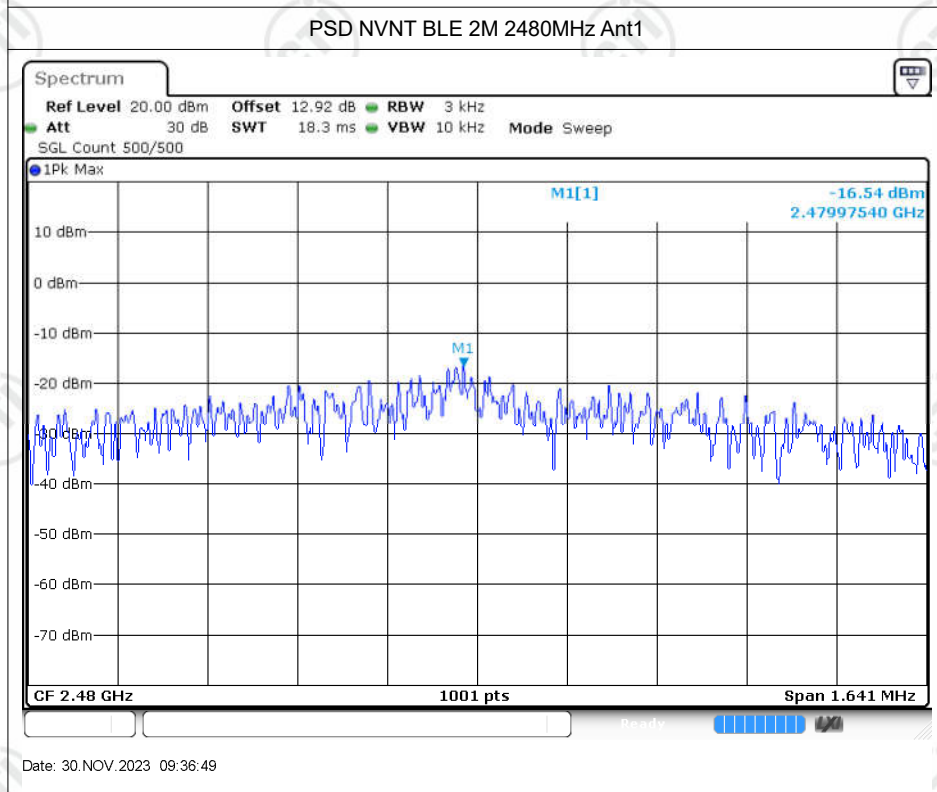
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Date: 30.NOV.2023 09:32:23



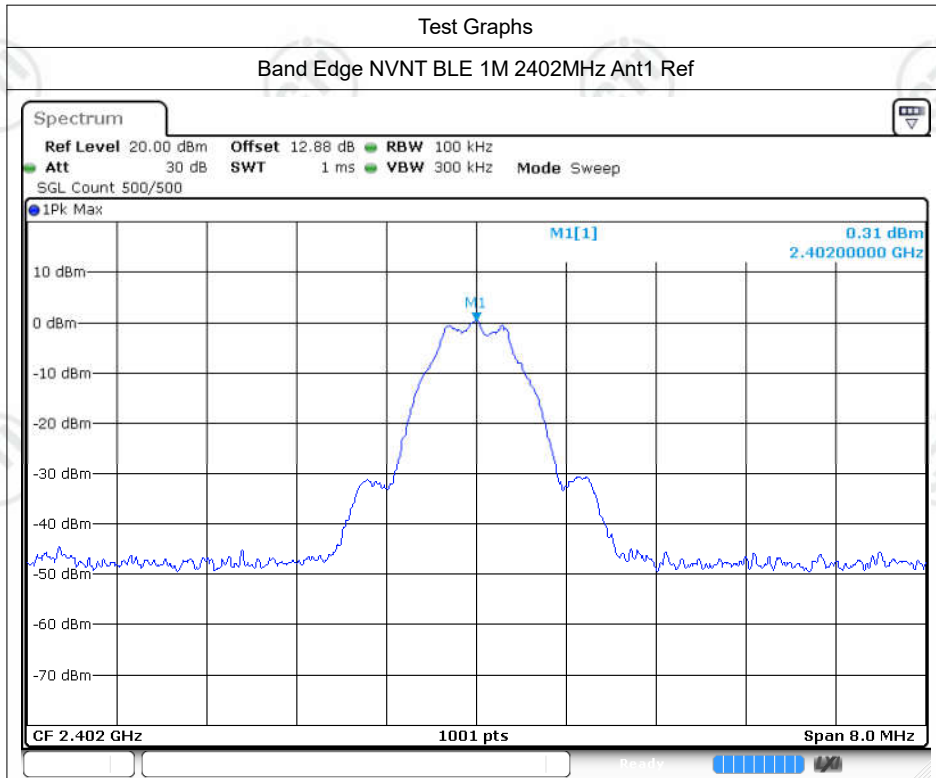
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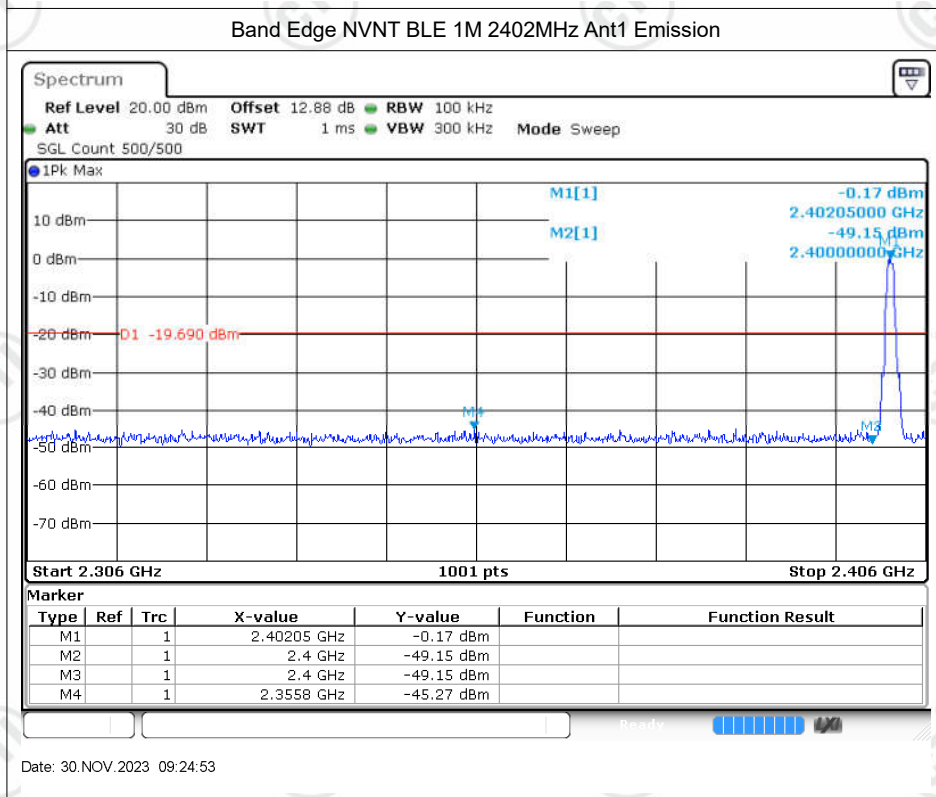
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## Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.57	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.14	-20	Pass
NVNT	BLE 2M	2402	Ant1	-33.59	-20	Pass
NVNT	BLE 2M	2480	Ant1	-45.32	-20	Pass

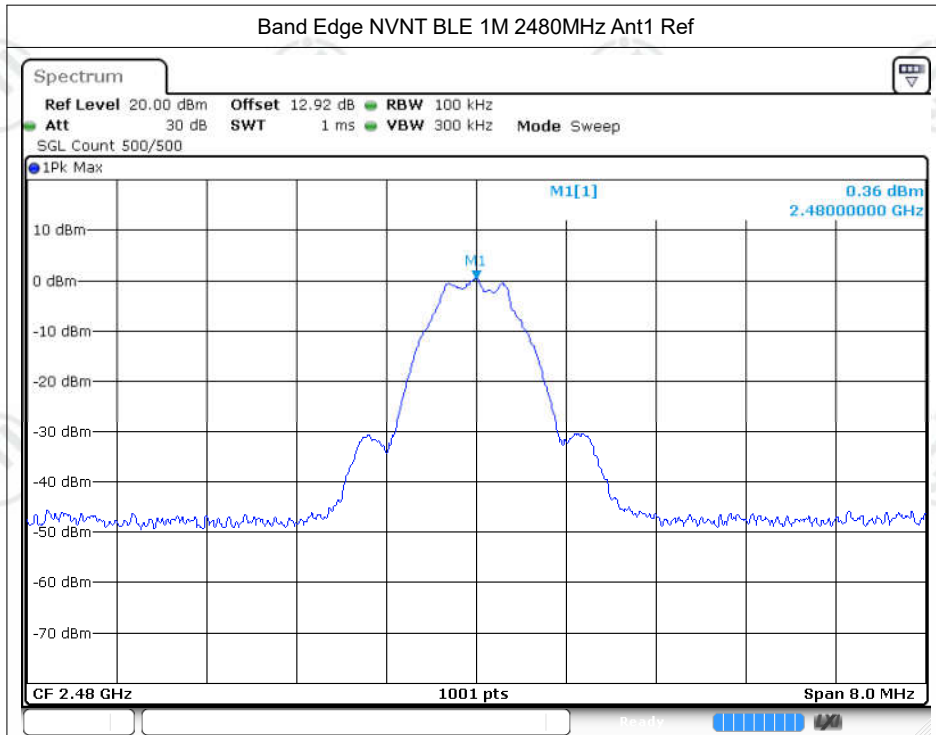


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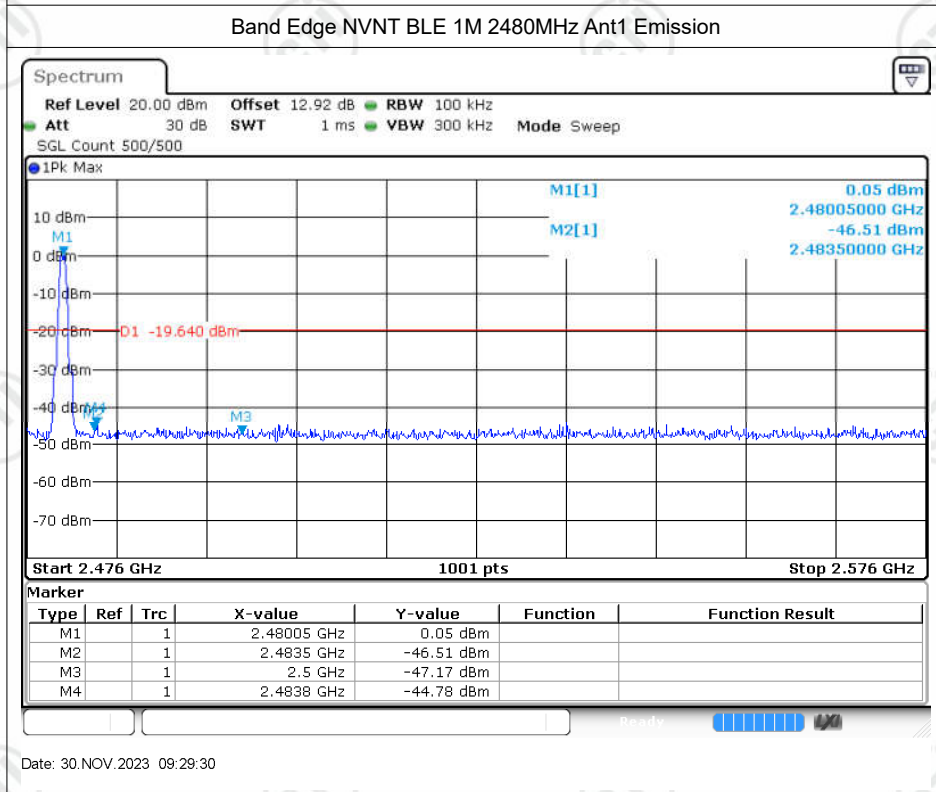


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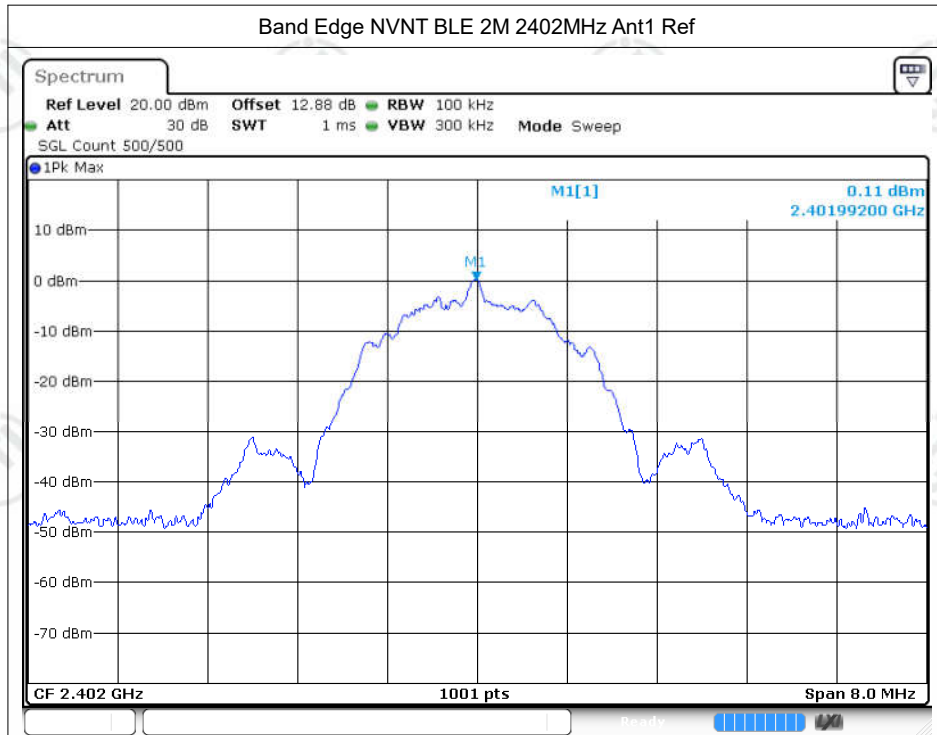




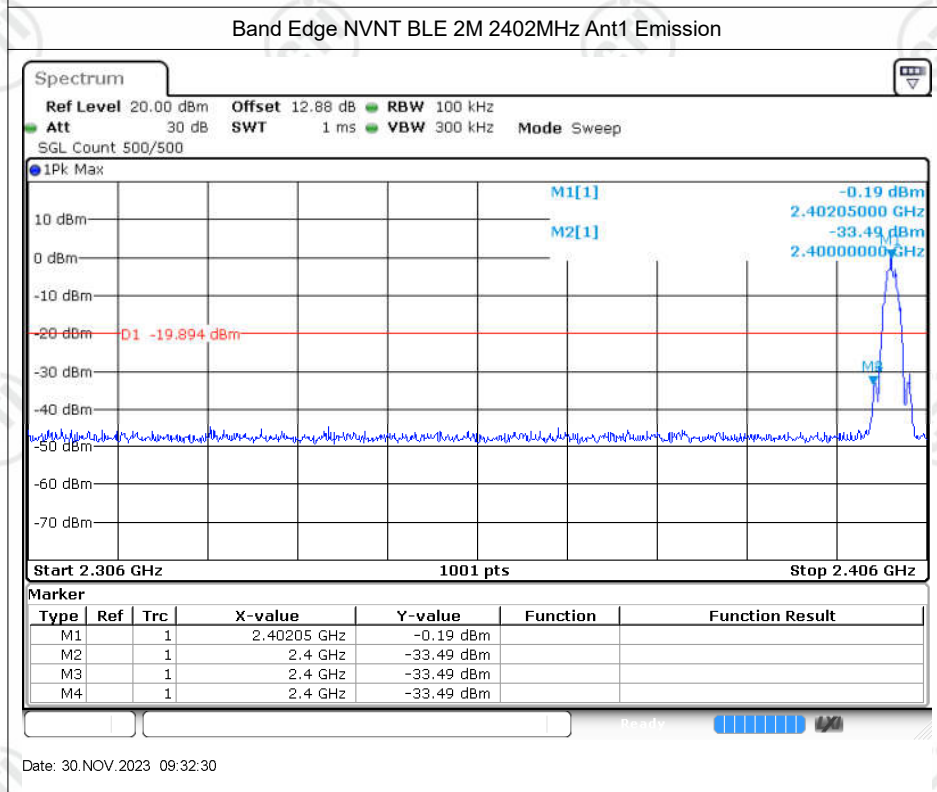
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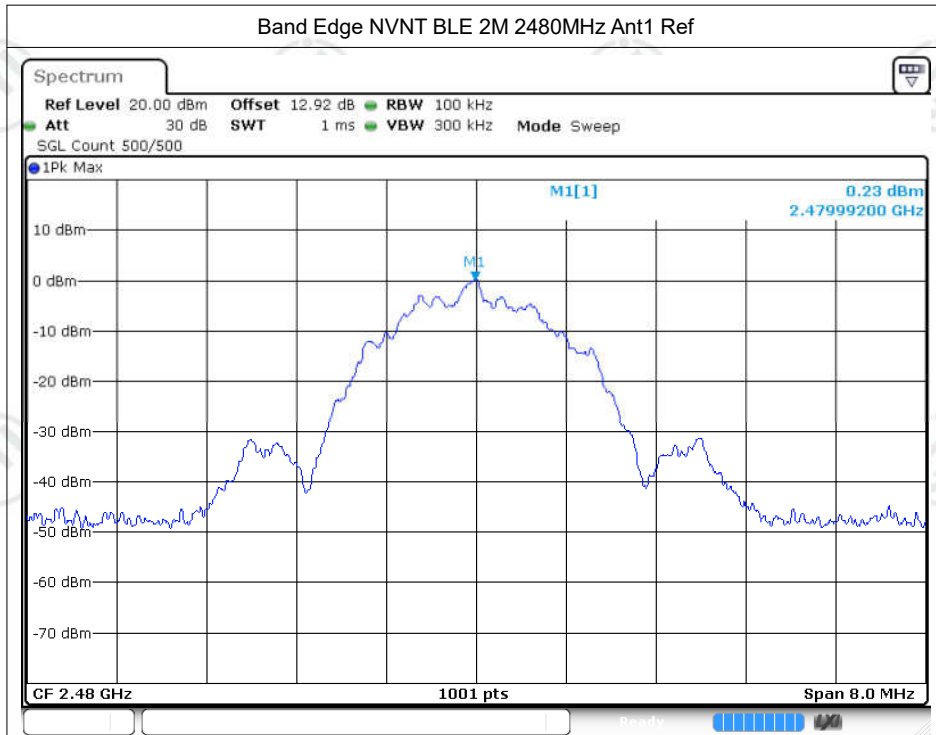
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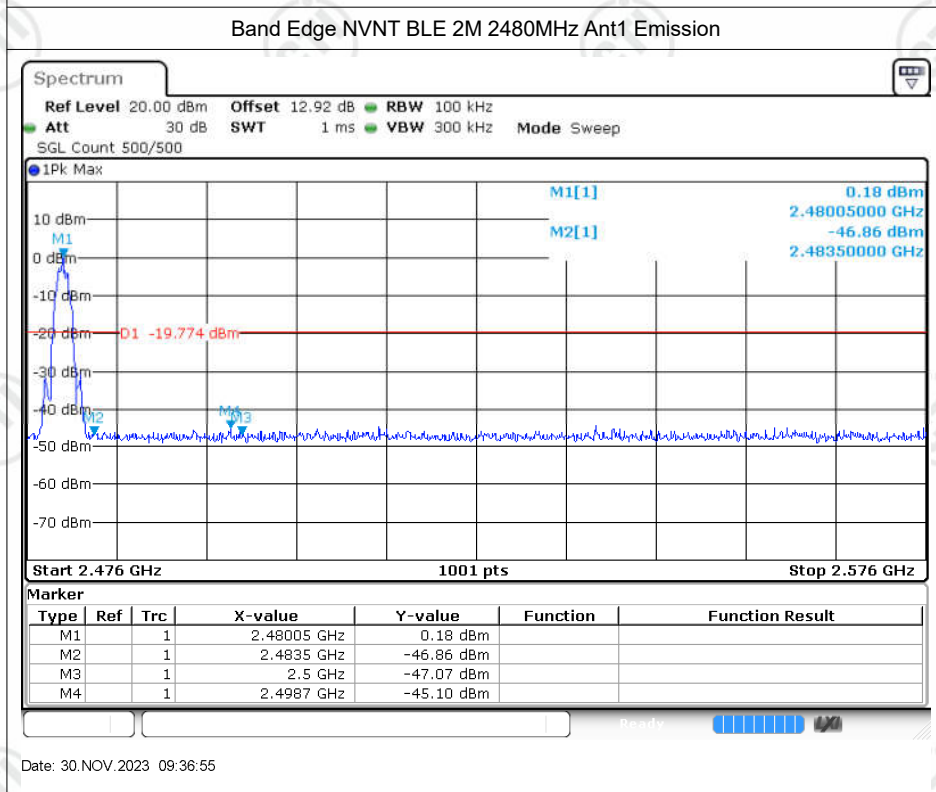
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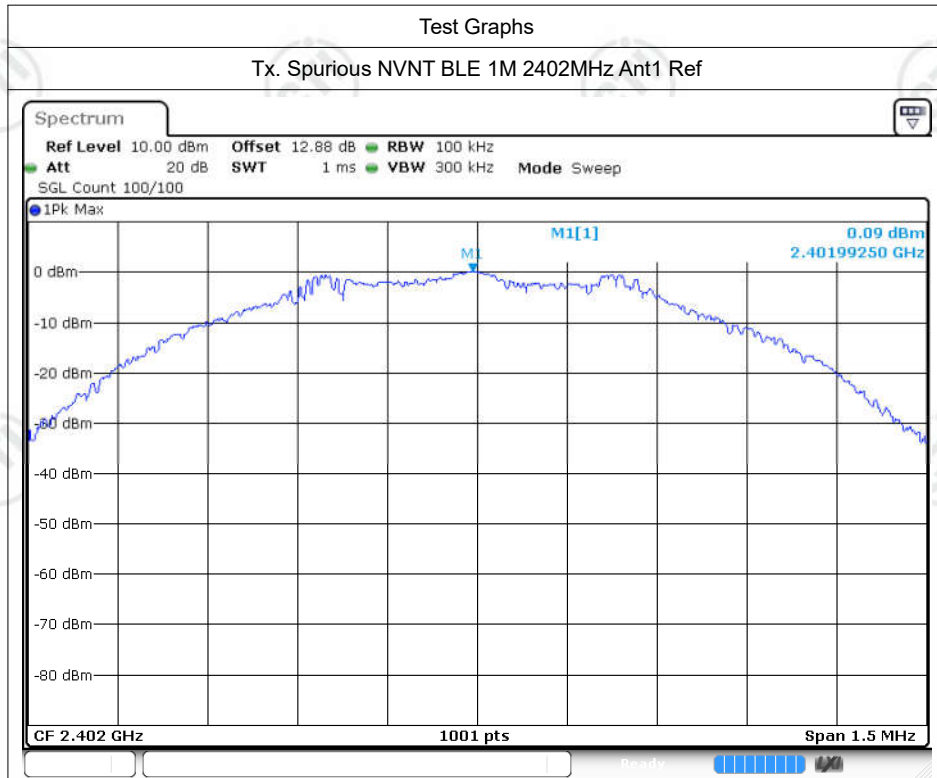
Date: 30.NOV.2023 09:36:53



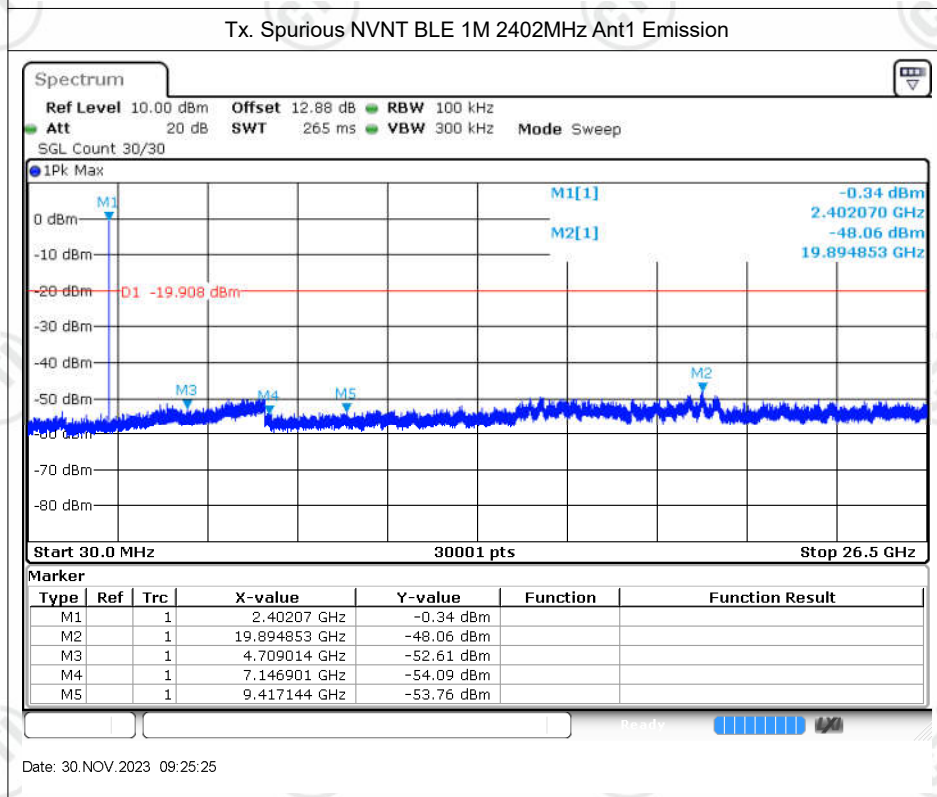
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**Conducted RF Spurious Emission**

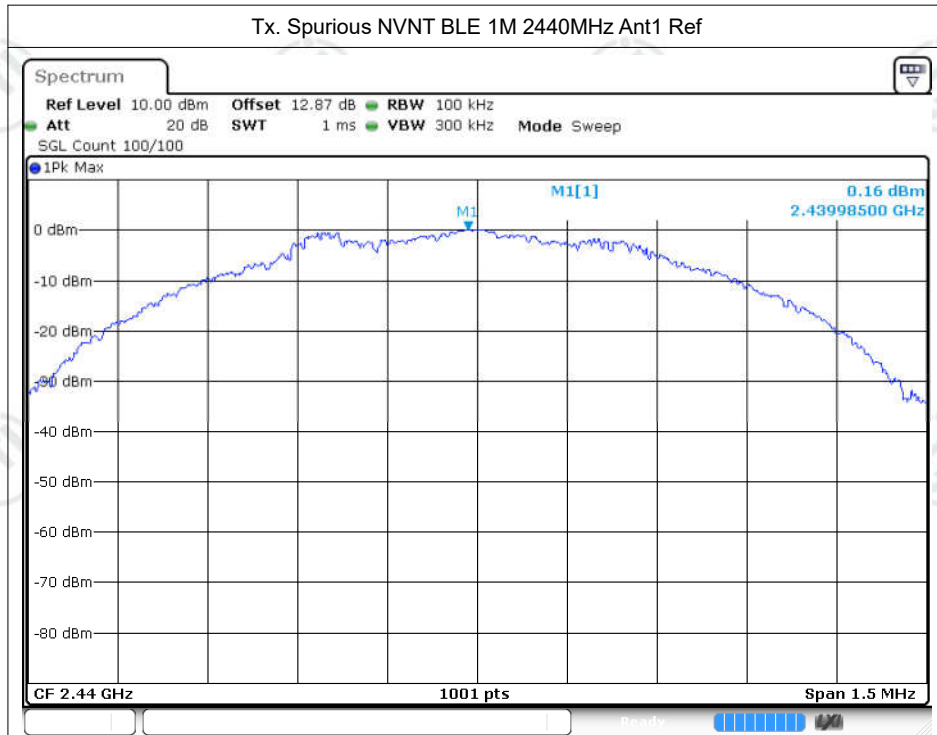
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-48.15	-20	Pass
NVNT	BLE 1M	2440	Ant1	-48.73	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.56	-20	Pass
NVNT	BLE 2M	2402	Ant1	-48.55	-20	Pass
NVNT	BLE 2M	2440	Ant1	-48.91	-20	Pass
NVNT	BLE 2M	2480	Ant1	-48.62	-20	Pass



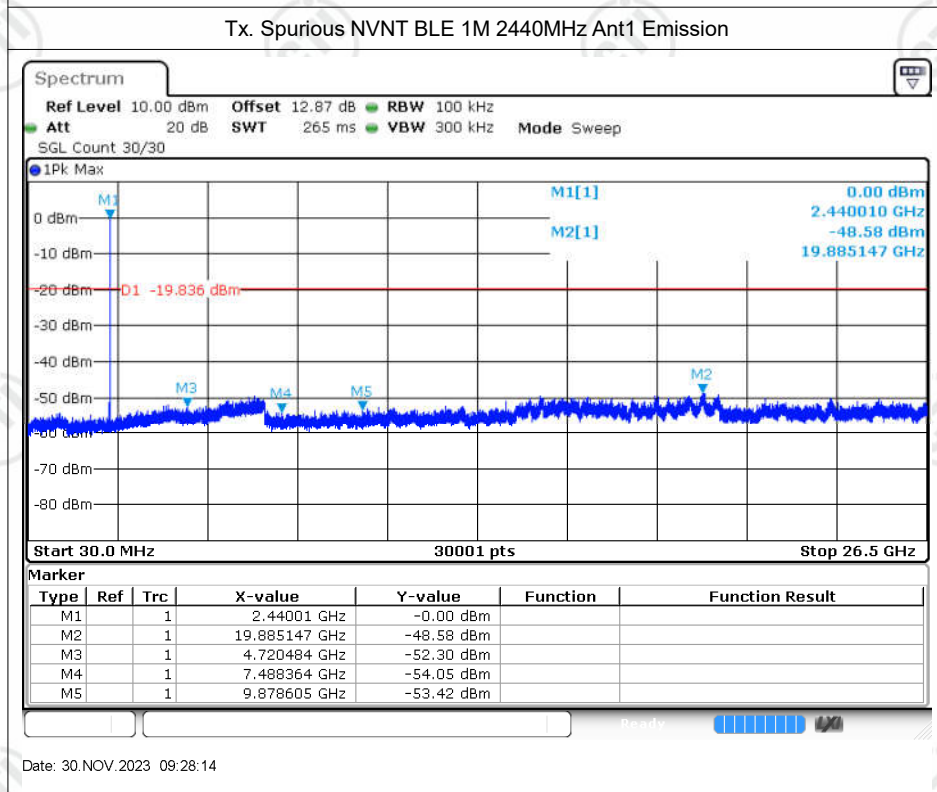
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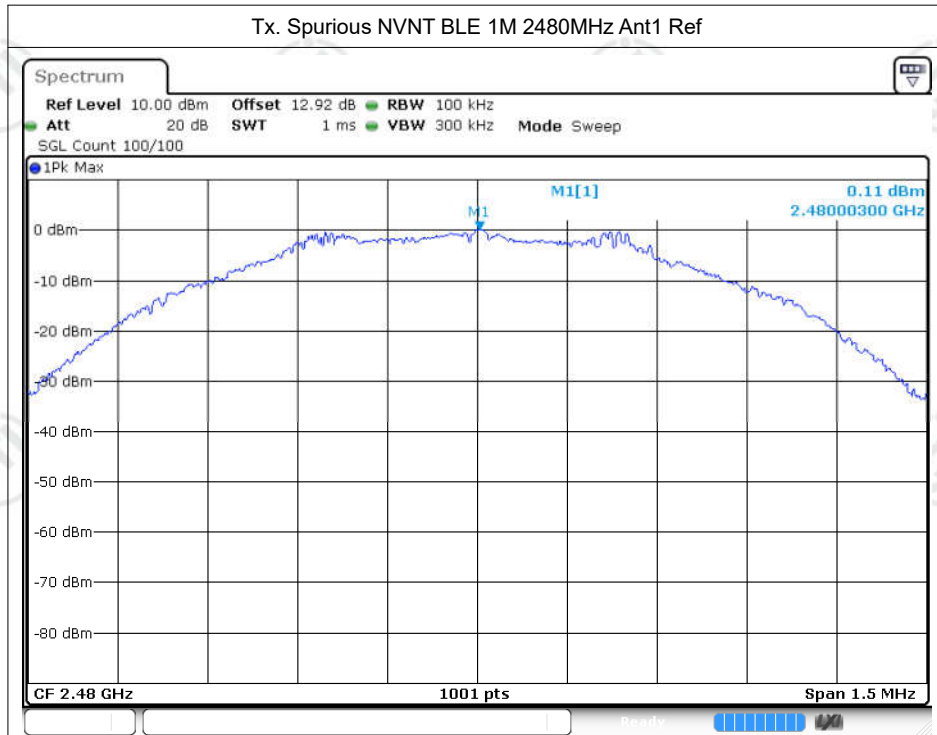
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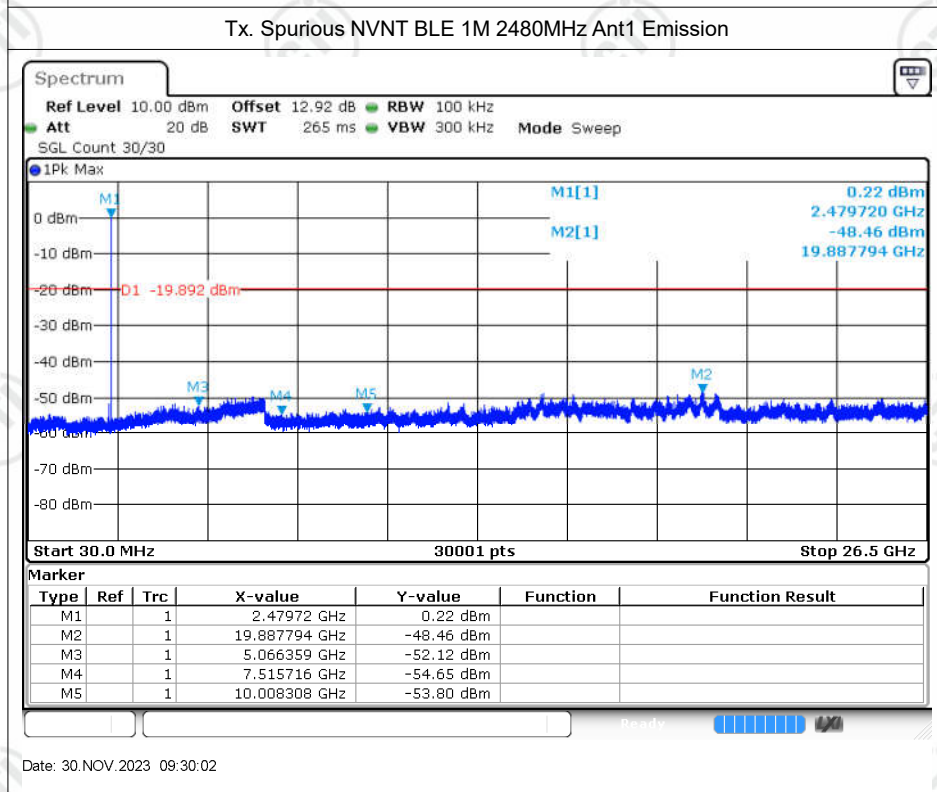
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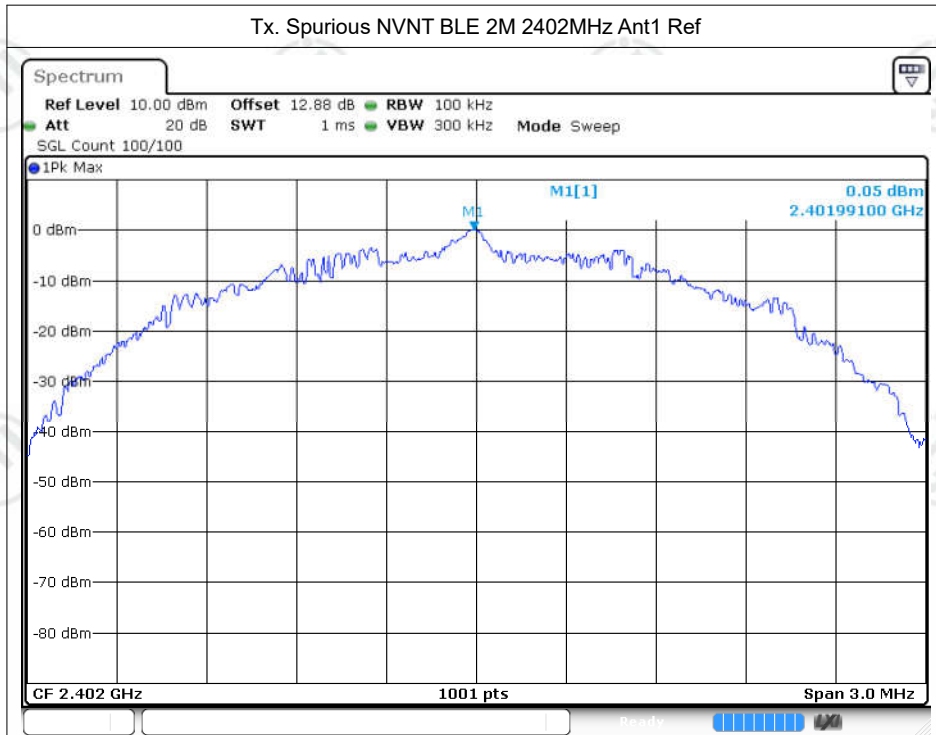
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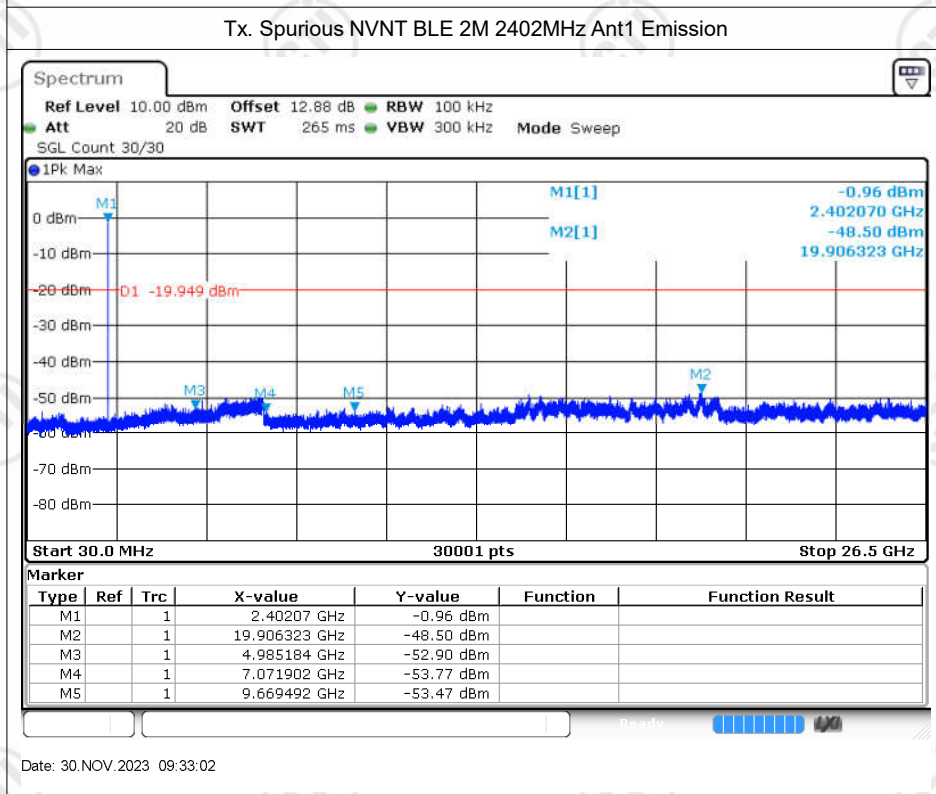
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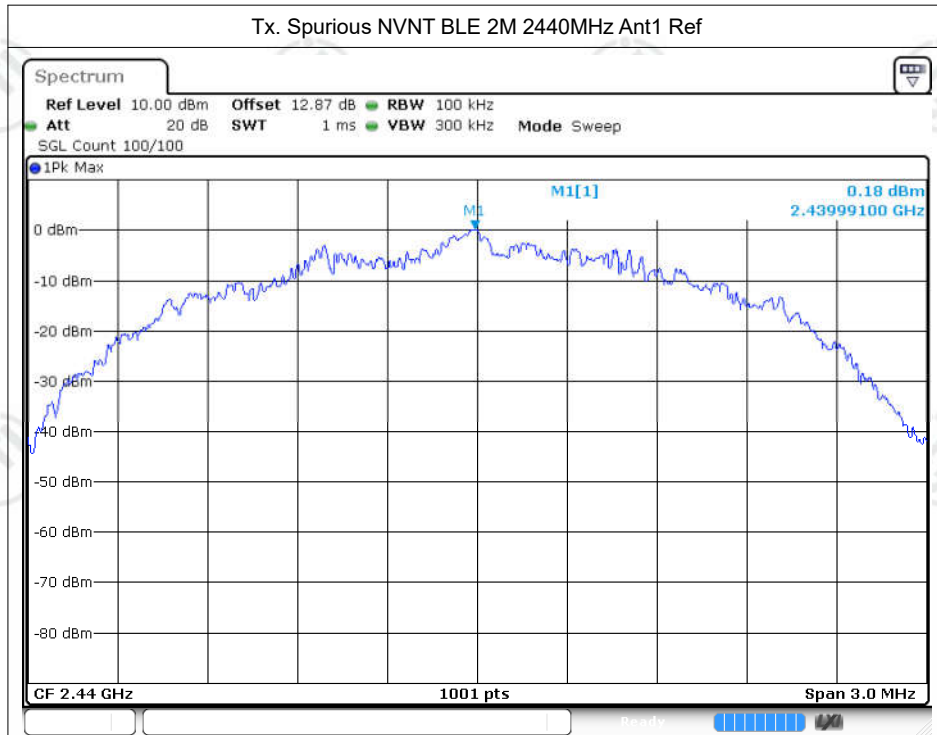


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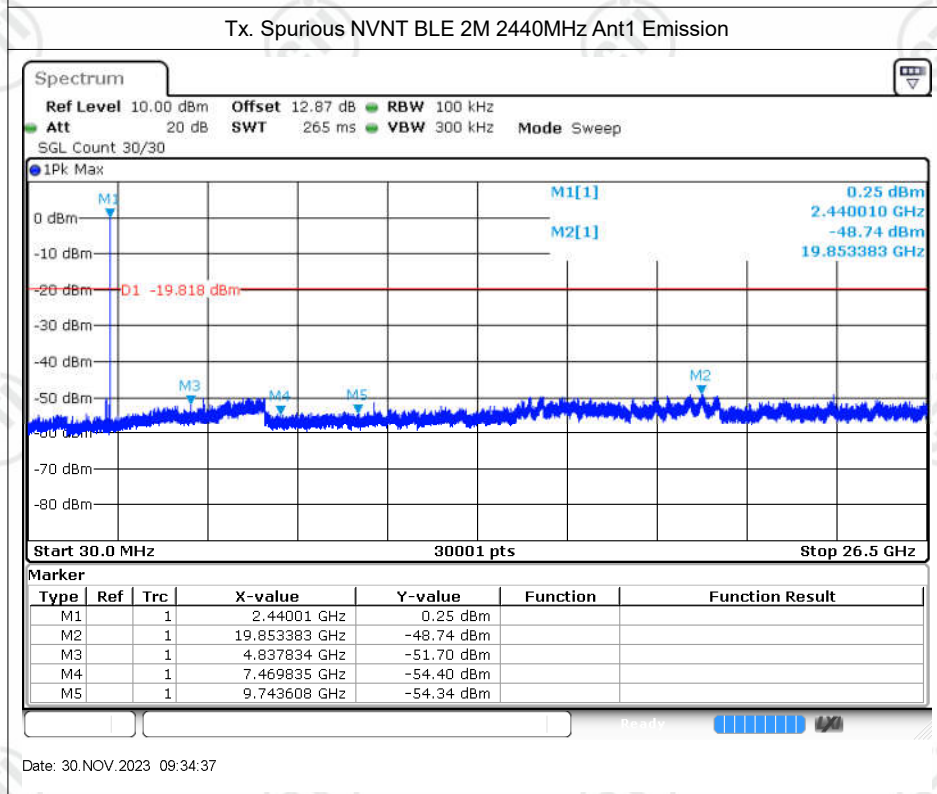


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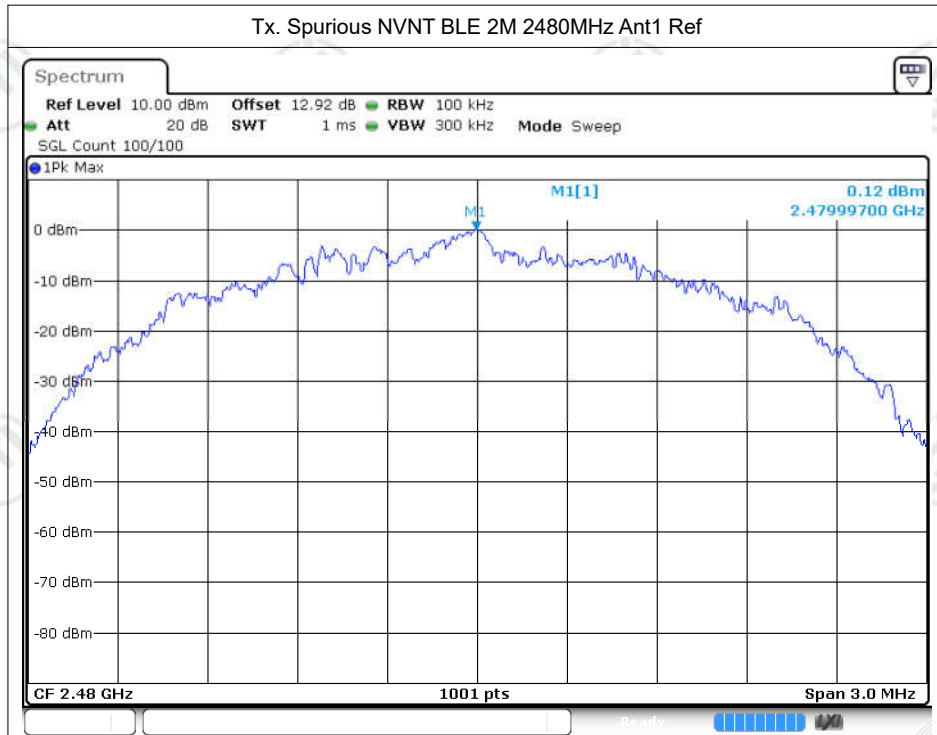




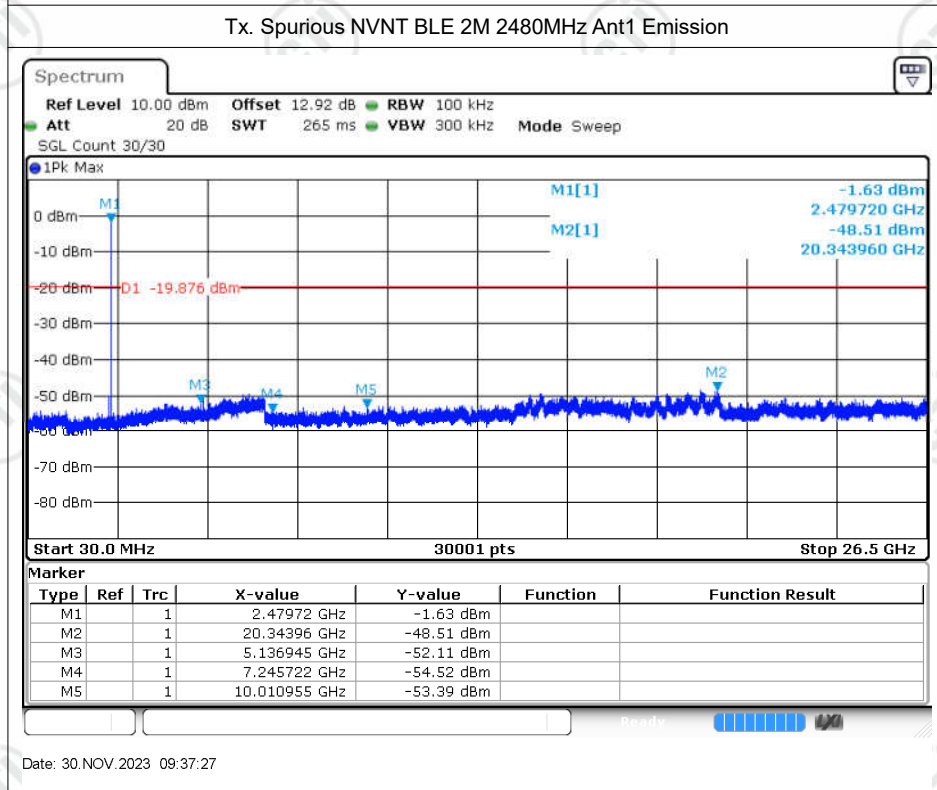
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Date: 30.NOV.2023 09:37:27

\*\*\* End of Report \*\*\*