

Appendix: Bluetooth LE

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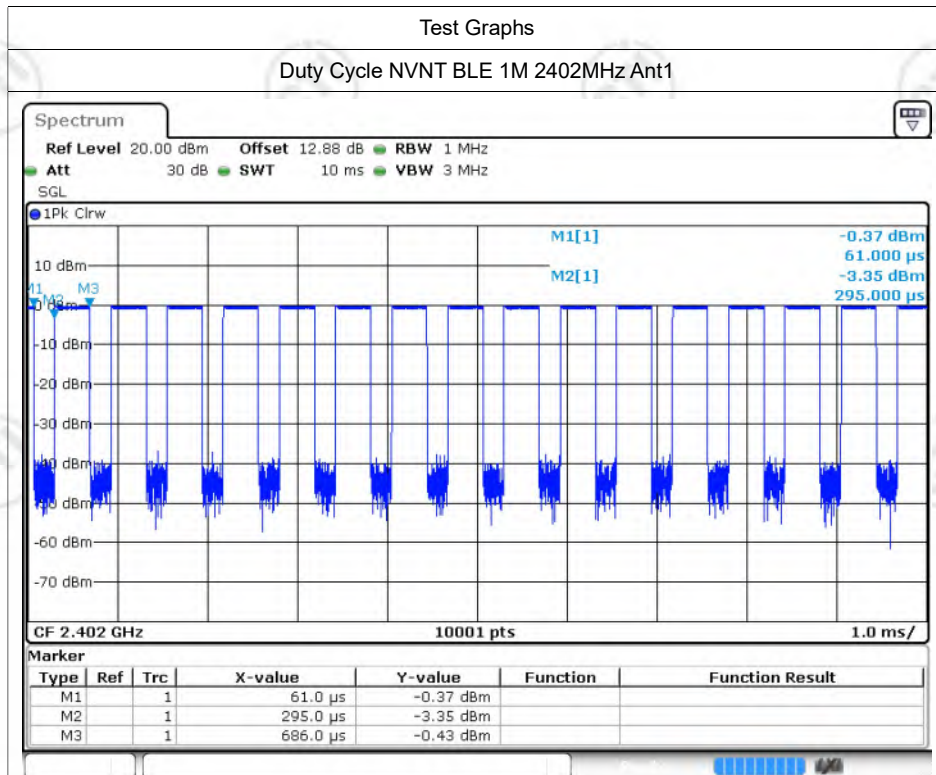
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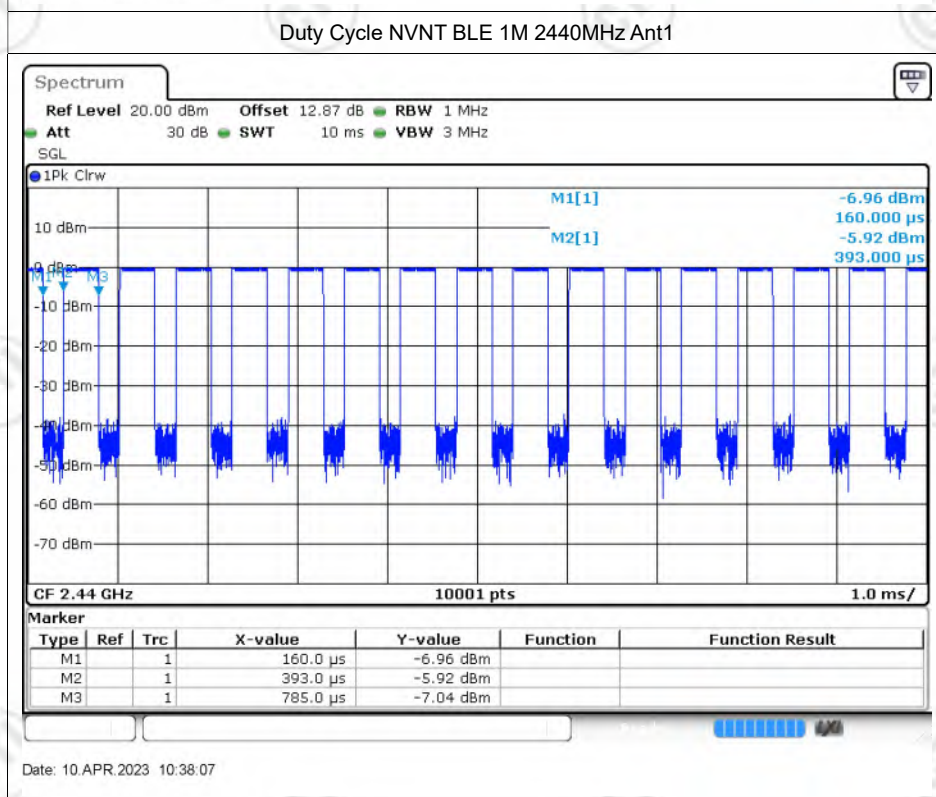
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Duty Cycle

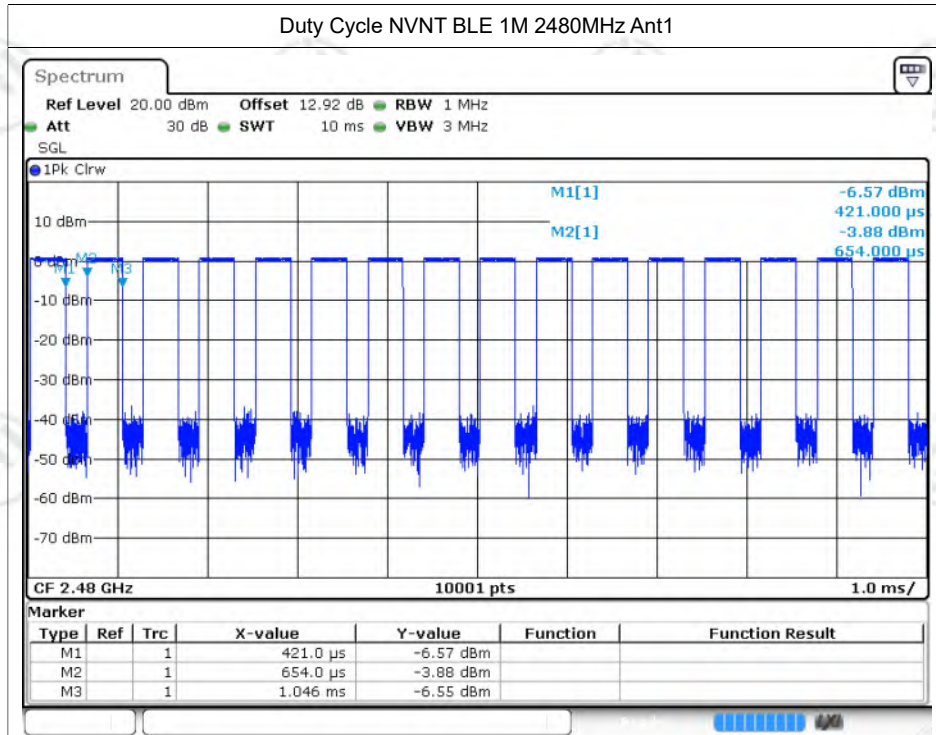
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	62.56	2.04	2.56
NVNT	BLE 1M	2440	Ant1	62.72	2.03	2.55
NVNT	BLE 1M	2480	Ant1	62.72	2.03	2.55
NVNT	BLE 2M	2402	Ant1	33.28	4.78	4.81
NVNT	BLE 2M	2440	Ant1	33.12	4.80	4.83
NVNT	BLE 2M	2480	Ant1	33.28	4.78	4.81



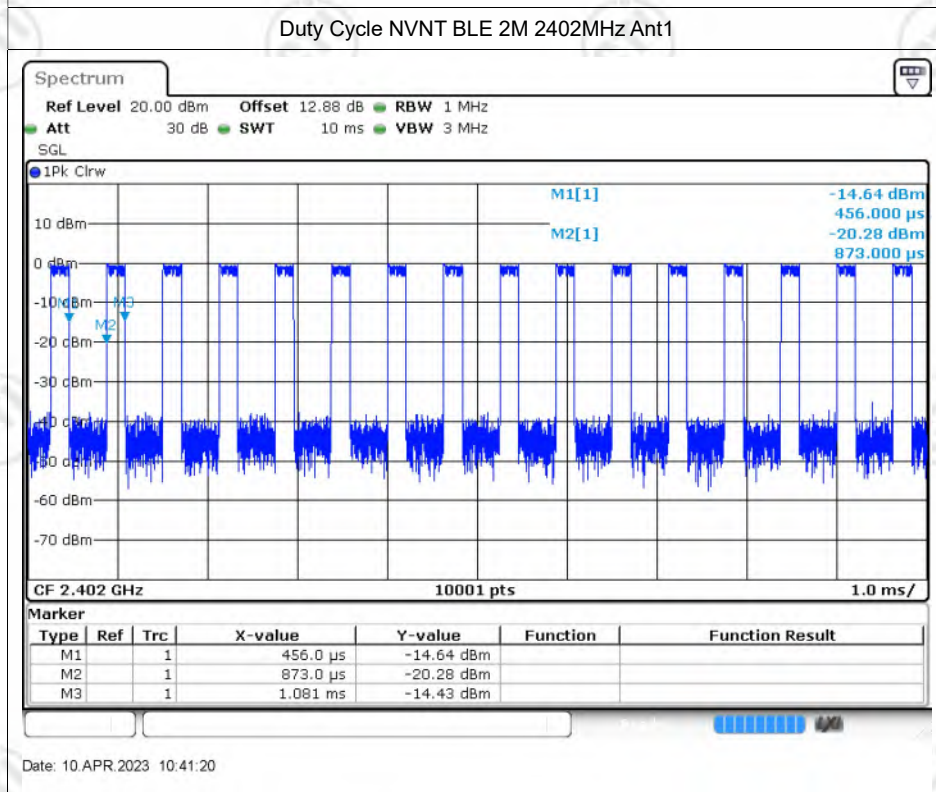
Date: 10.APR.2023 10:36:28



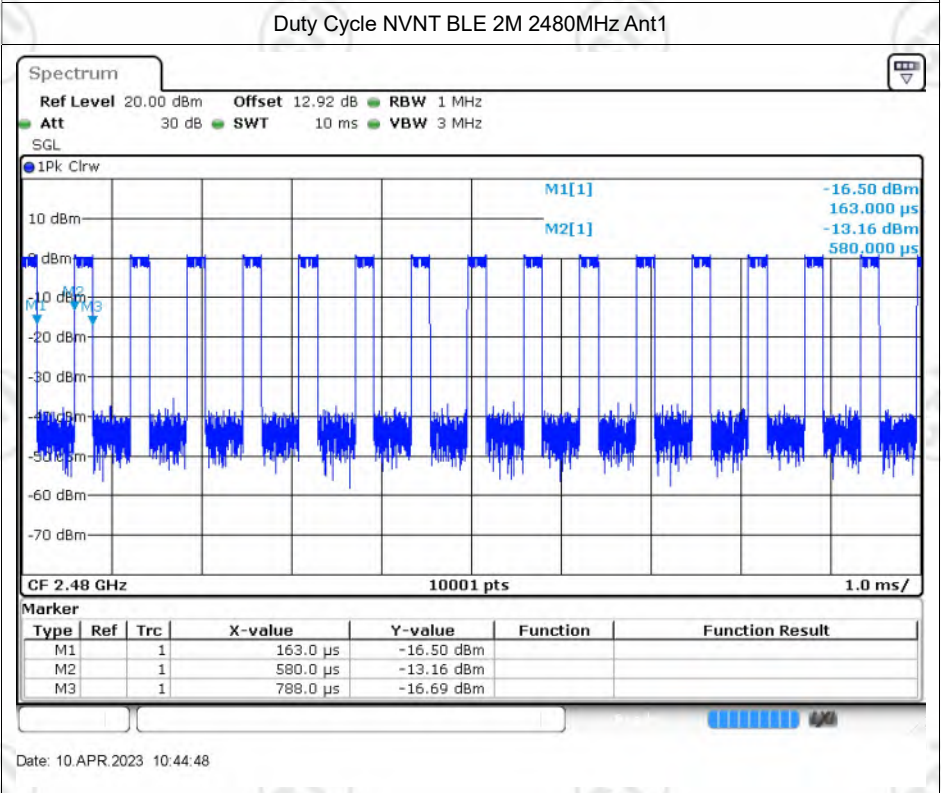
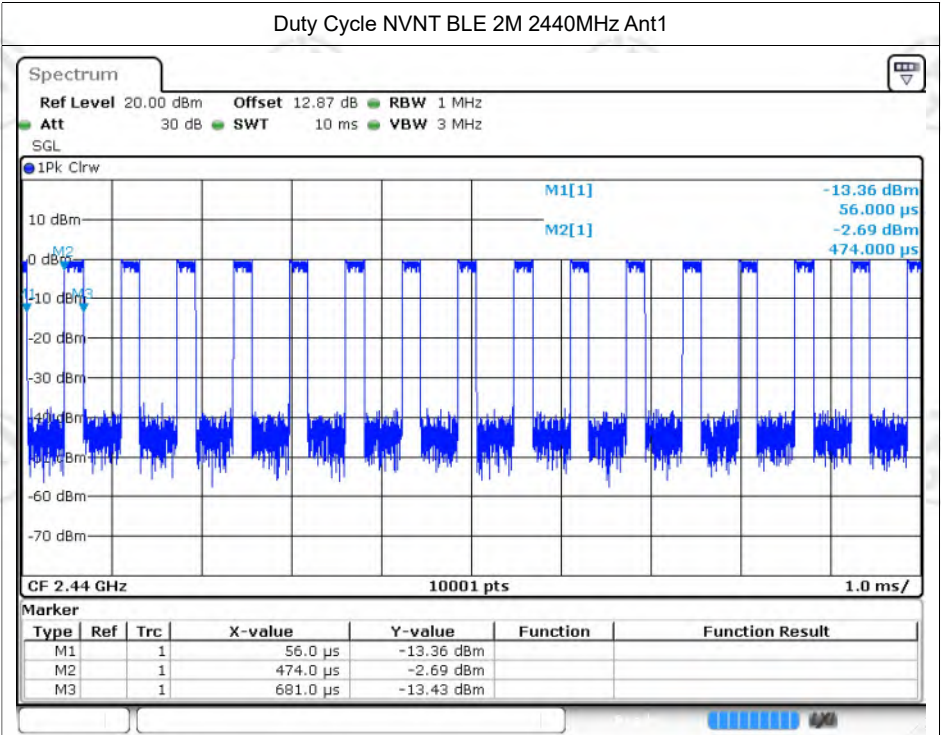
Date: 10.APR.2023 10:38:07



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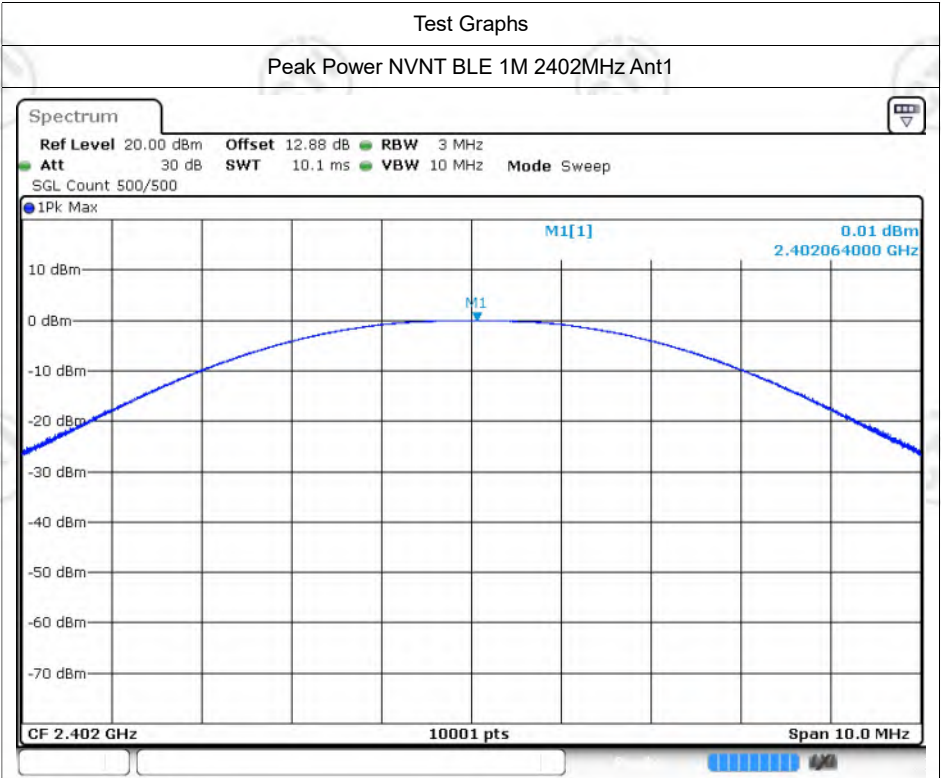
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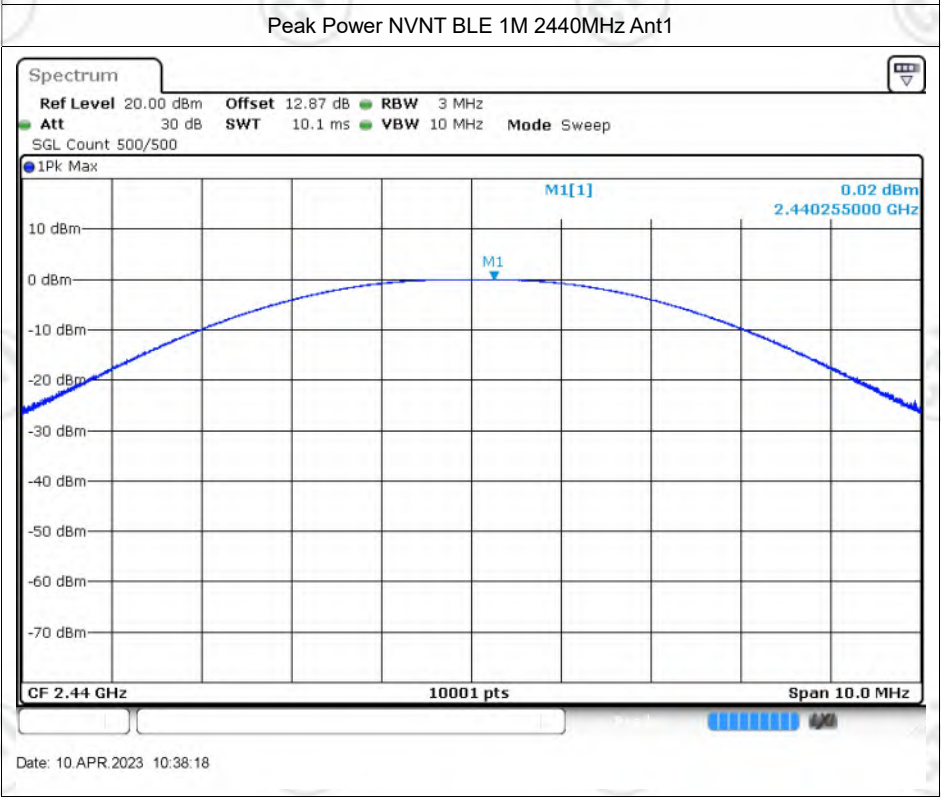
Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.01	30	Pass
NVNT	BLE 1M	2440	Ant1	0.02	30	Pass
NVNT	BLE 1M	2480	Ant1	0.95	30	Pass
NVNT	BLE 2M	2402	Ant1	0.05	30	Pass
NVNT	BLE 2M	2440	Ant1	0.17	30	Pass
NVNT	BLE 2M	2480	Ant1	1.05	30	Pass

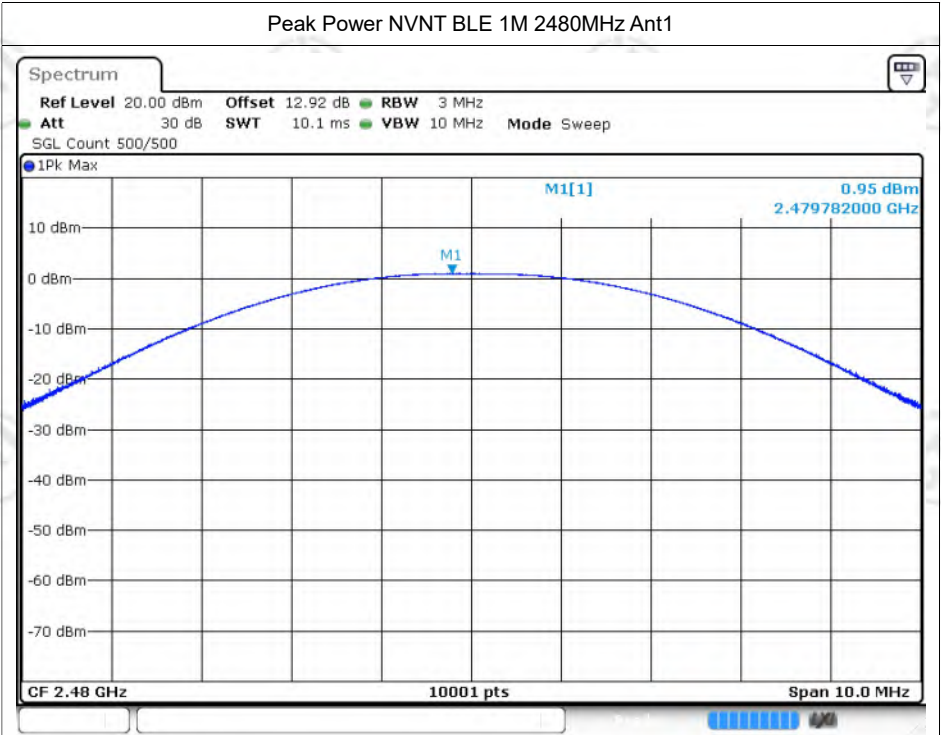
Note:
The conducted power has been added dutycycle correction factor;



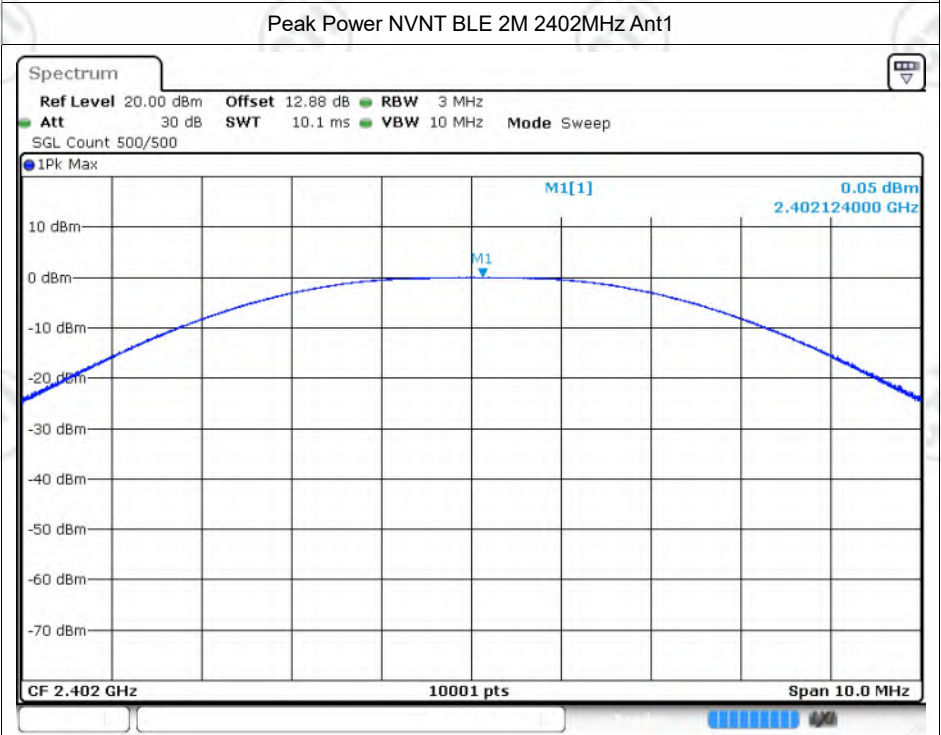
Date: 10.APR.2023 10:36:39



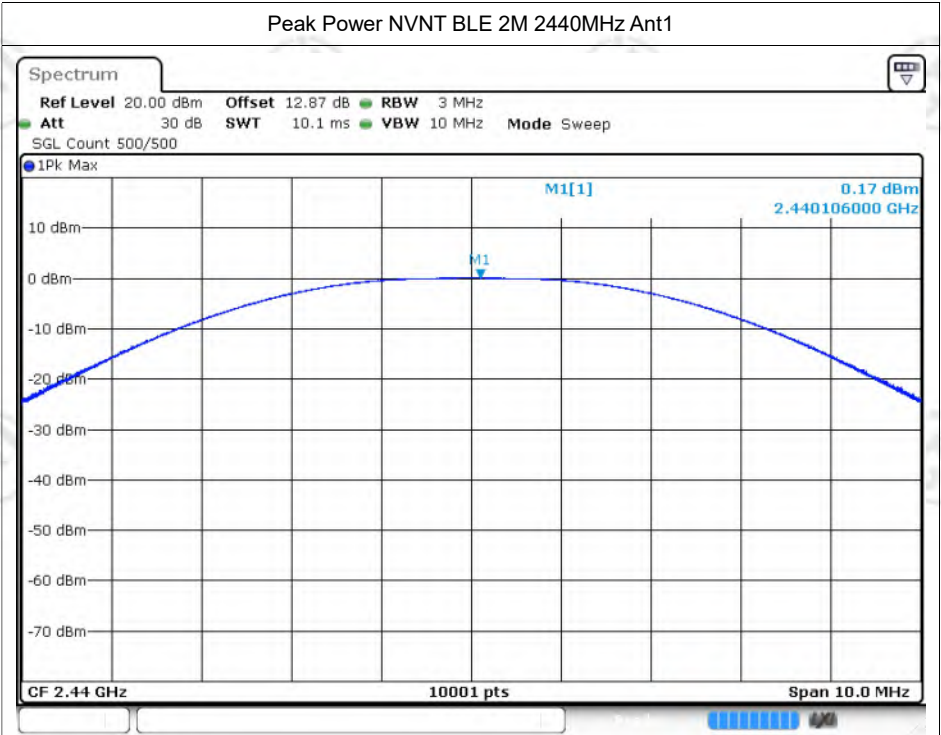
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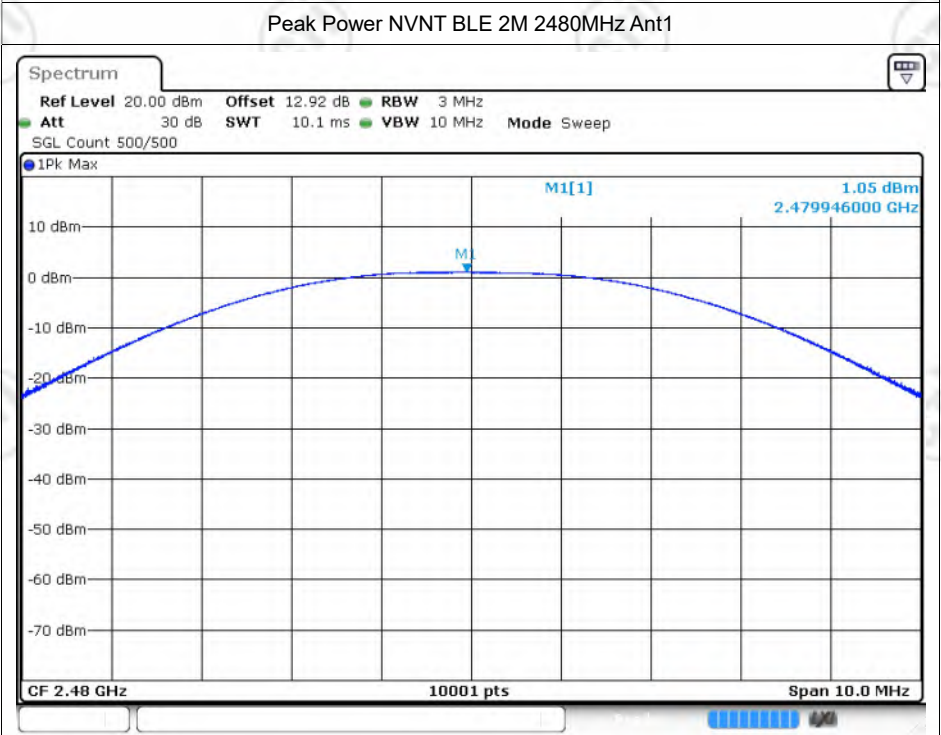
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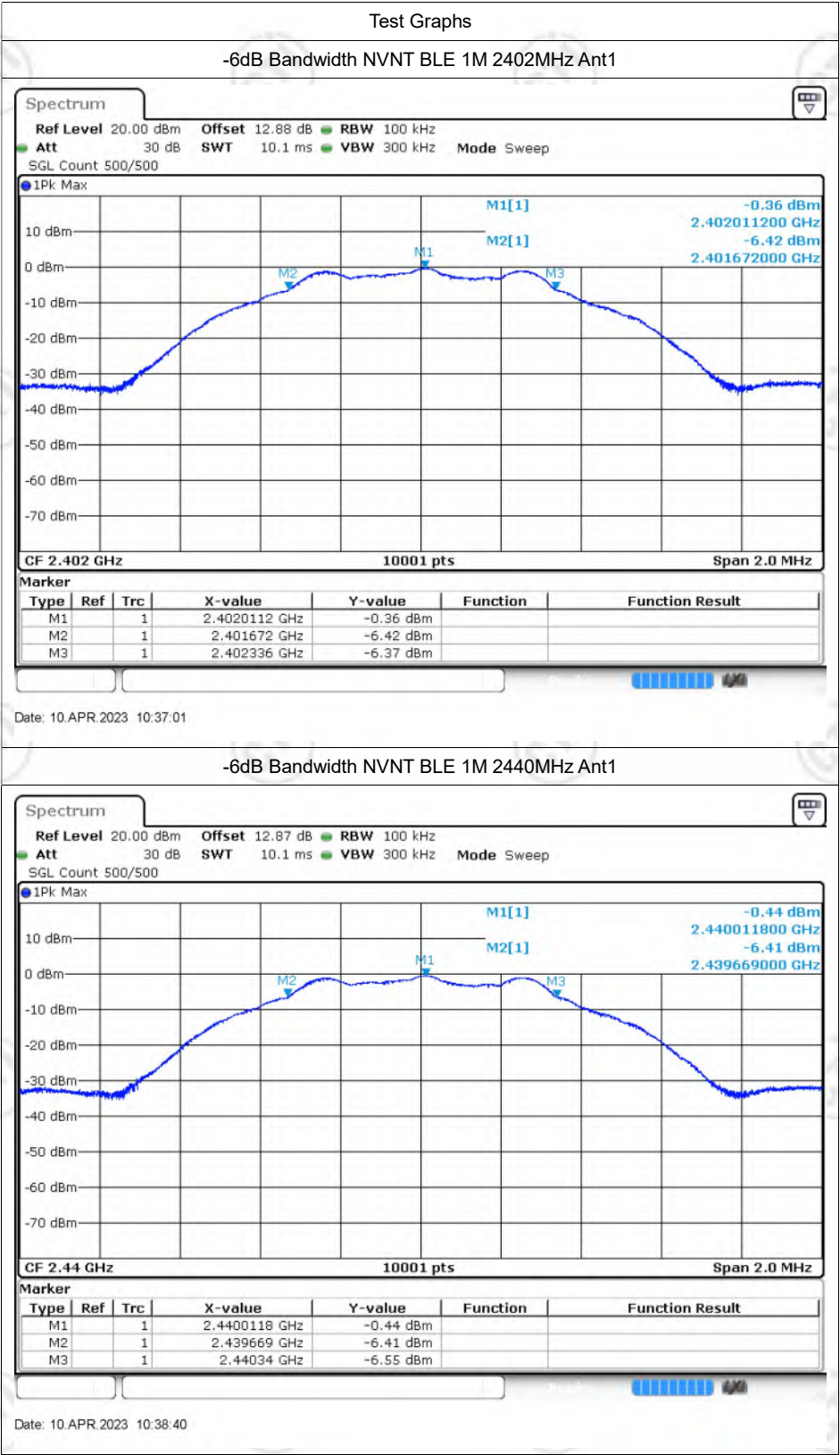
Date: 10.APR.2023 10:43:17

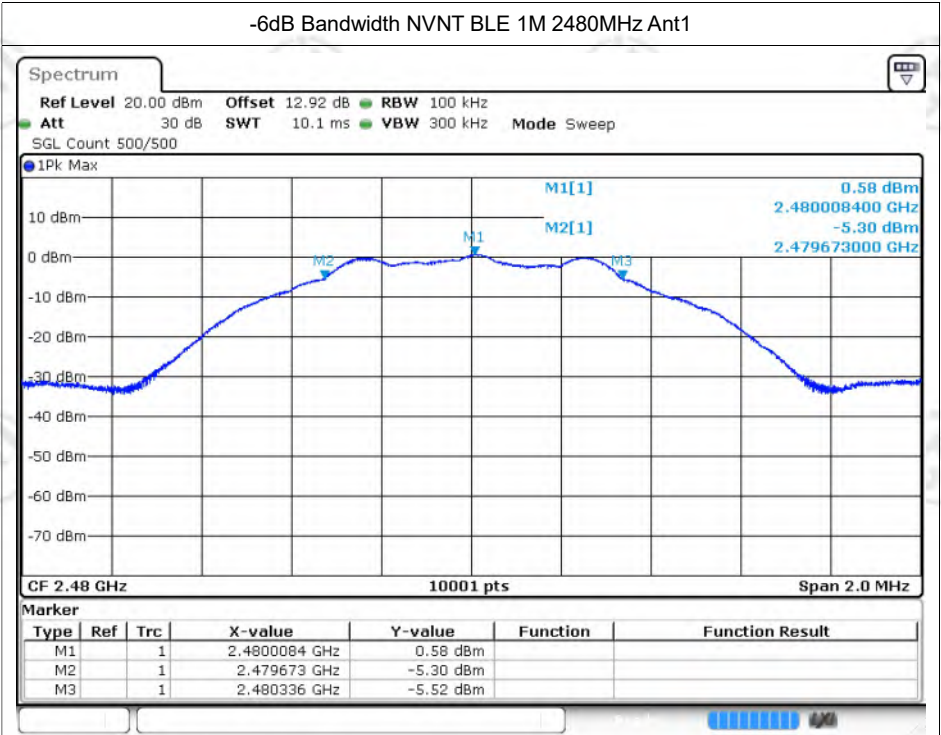


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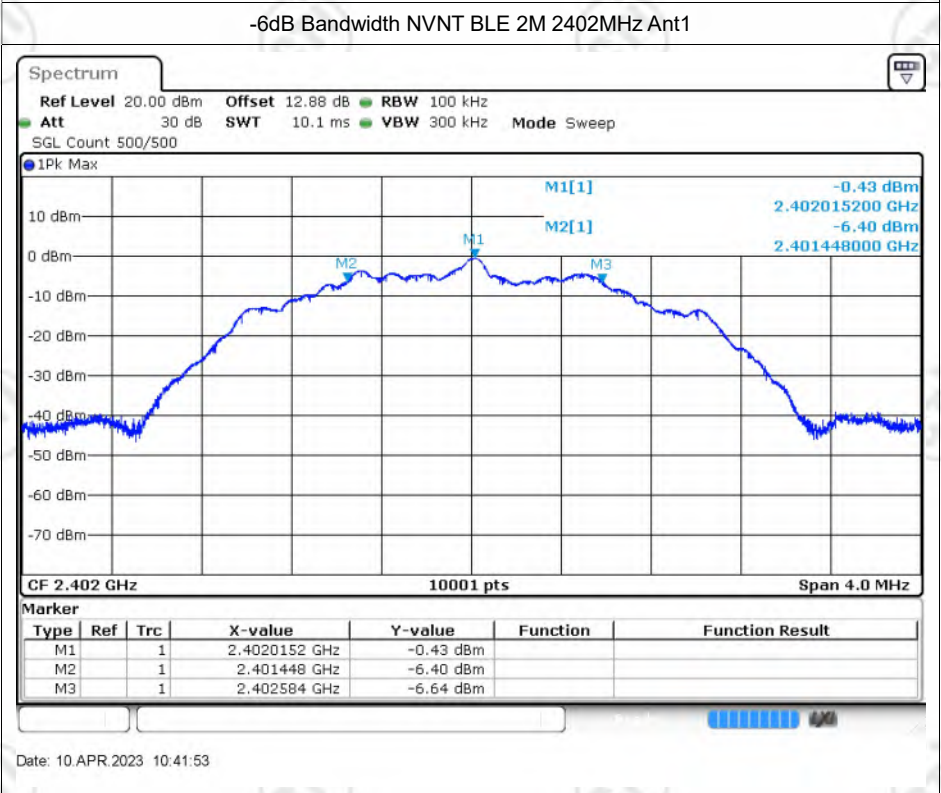
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.664	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.671	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.663	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.136	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.144	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.142	0.5	Pass

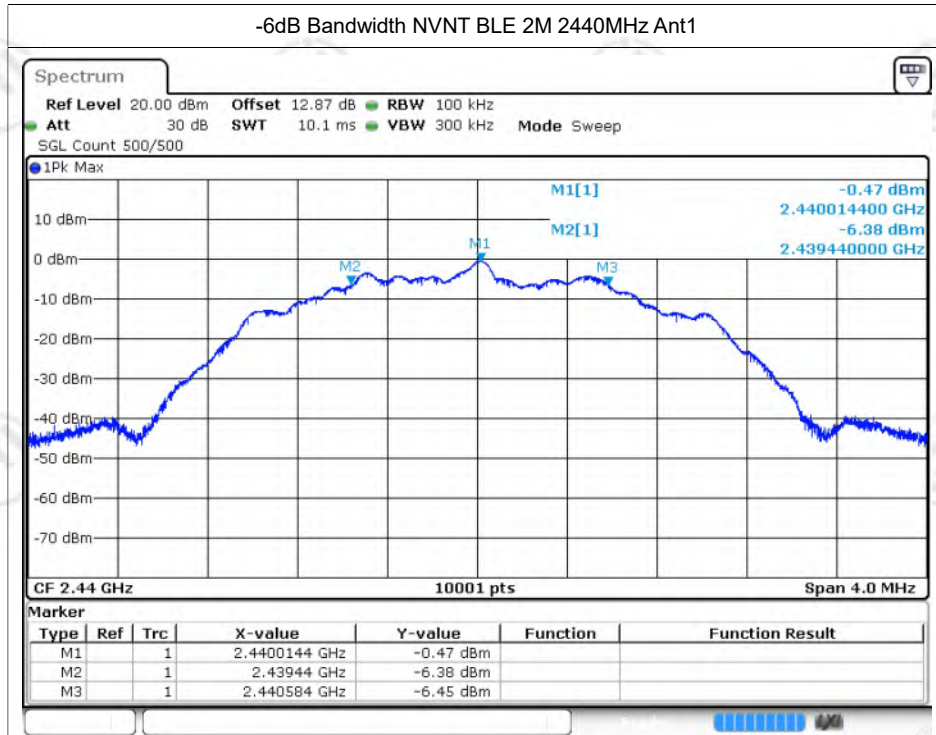




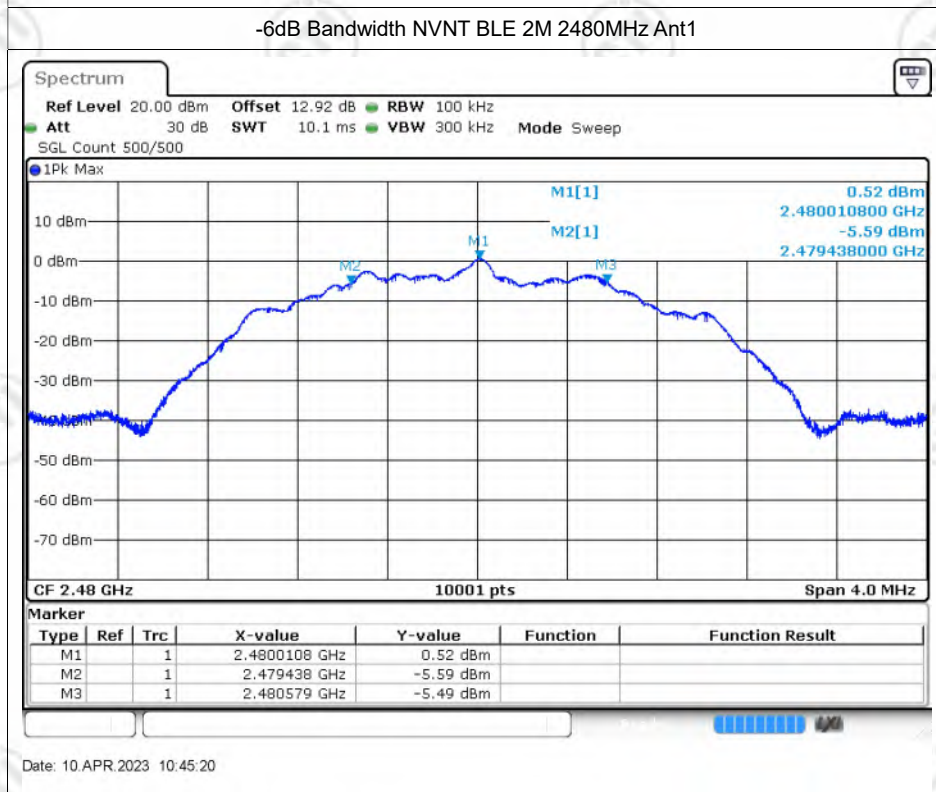
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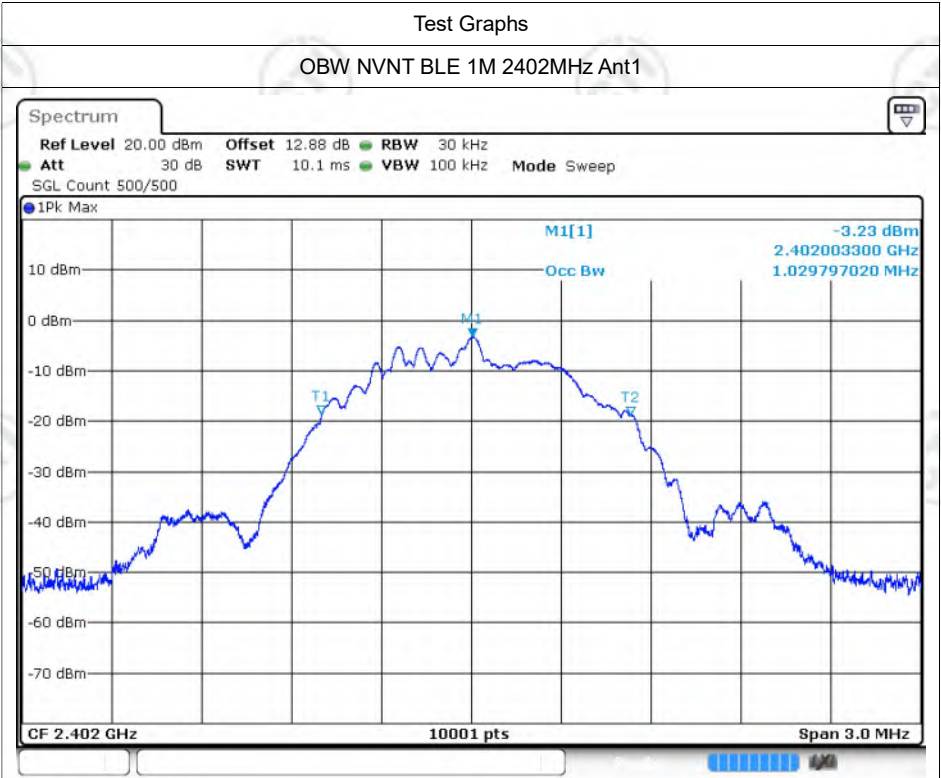
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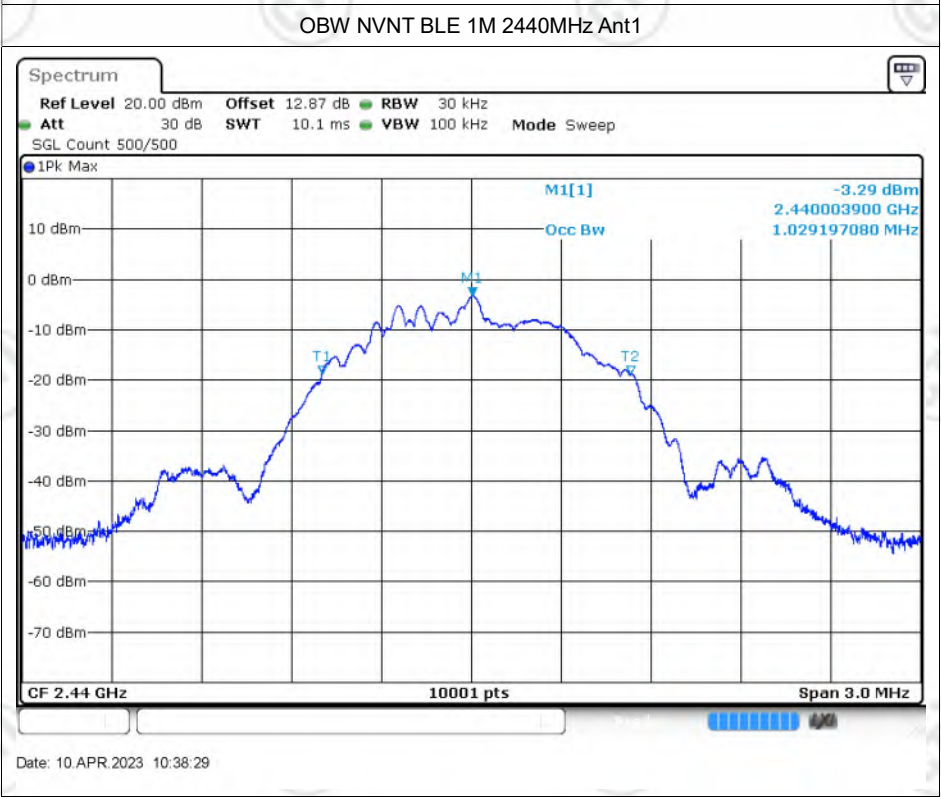
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Occupied Channel Bandwidth

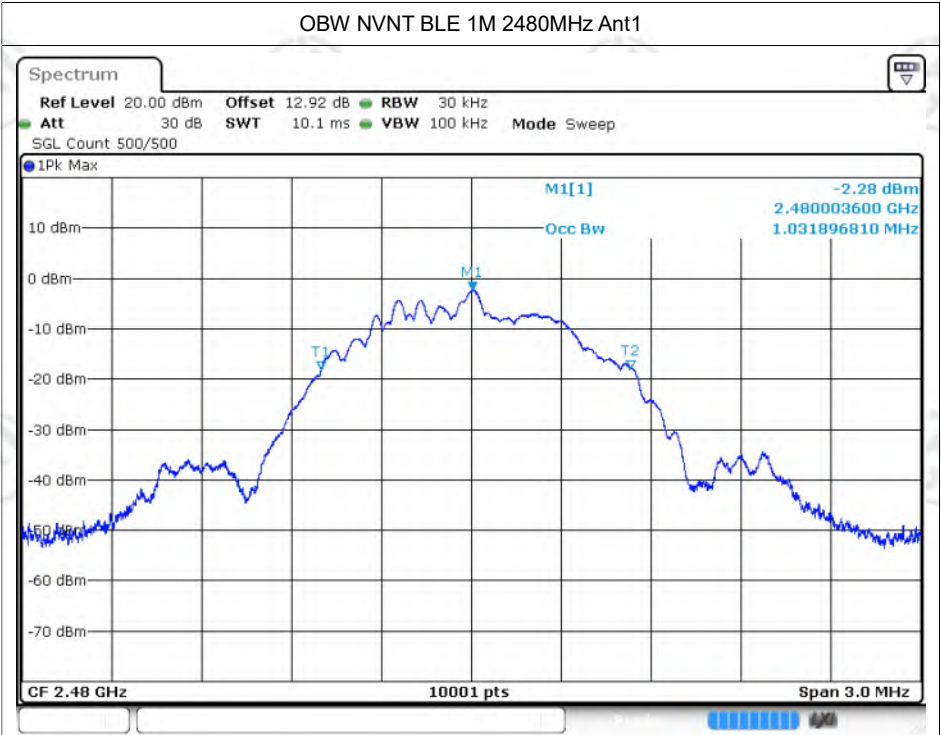
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.03
NVNT	BLE 1M	2440	Ant1	1.029
NVNT	BLE 1M	2480	Ant1	1.032
NVNT	BLE 2M	2402	Ant1	2.037
NVNT	BLE 2M	2440	Ant1	2.035
NVNT	BLE 2M	2480	Ant1	2.035



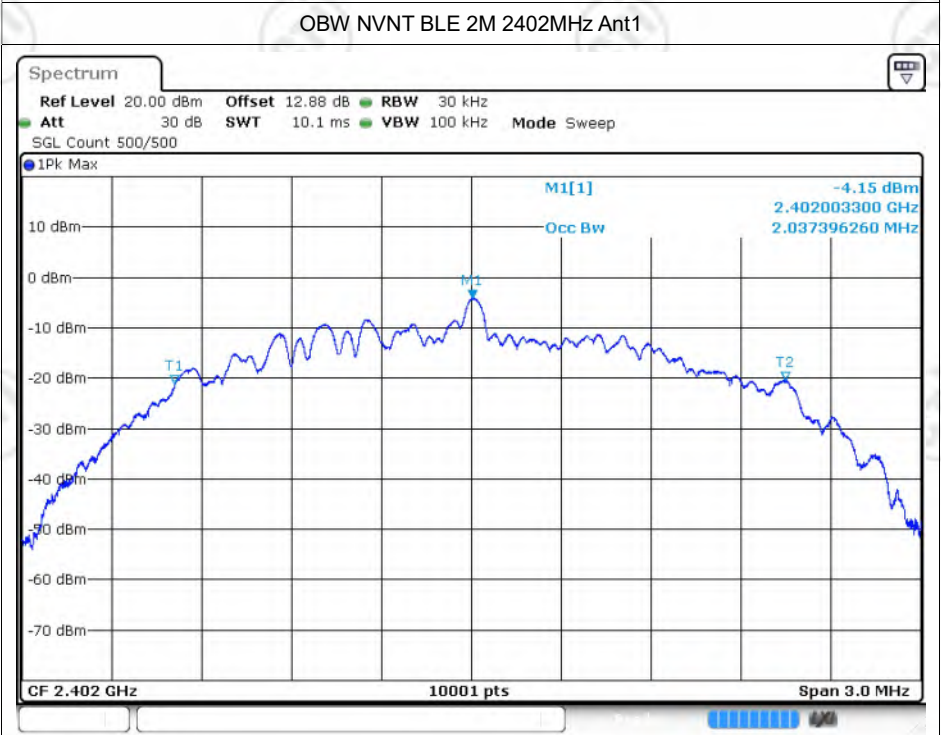
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Date: 10.APR.2023 10:38:29



Date: 10.APR.2023 10:40:03



Date: 10.APR.2023 10:41:41