

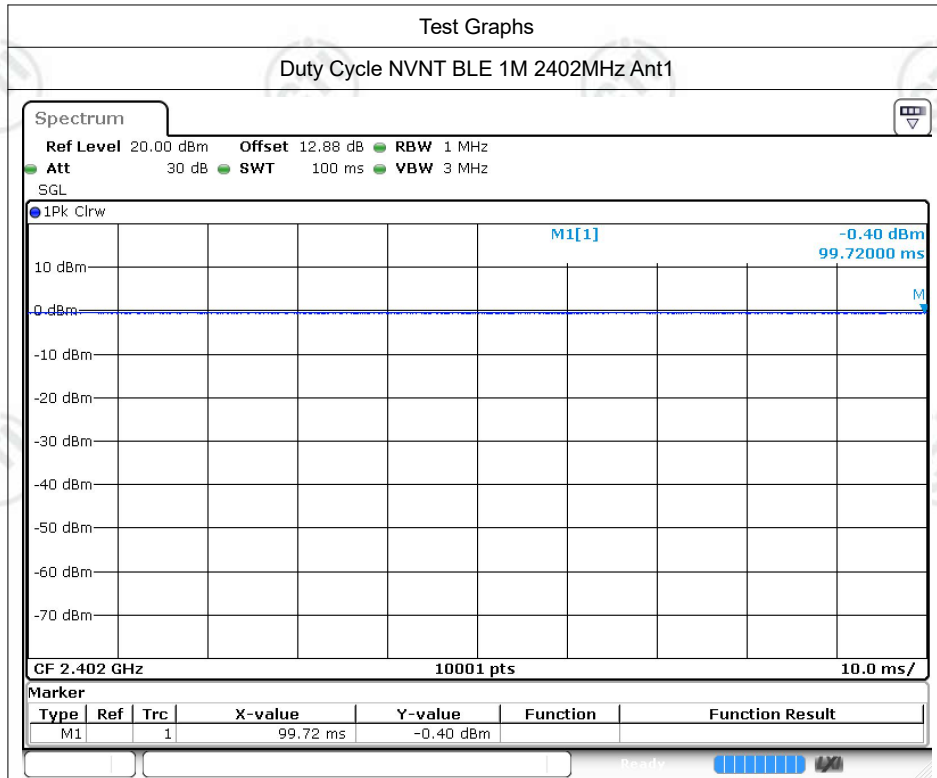
Appendix: Bluetooth LE

## Contents

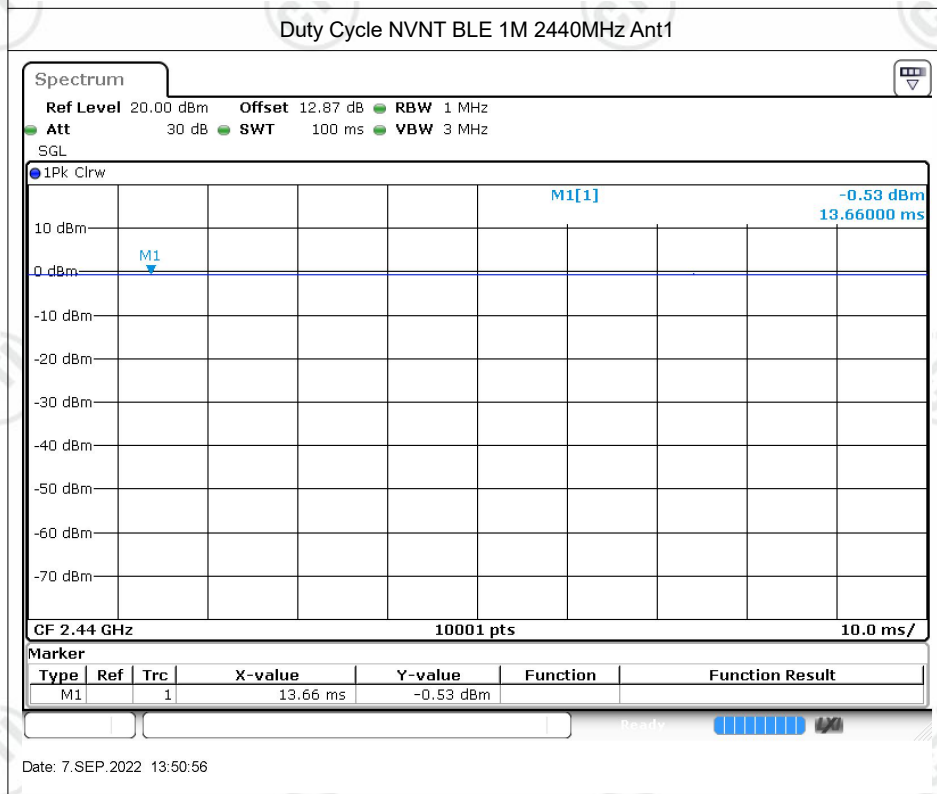
Contents .....	2
Duty Cycle .....	3
Maximum Peak Conducted Output Power .....	7
-6dB Bandwidth .....	11
Occupied Channel Bandwidth .....	15
Maximum Power Spectral Density Level .....	19
Band Edge .....	23
Conducted RF Spurious Emission .....	28

## Duty Cycle

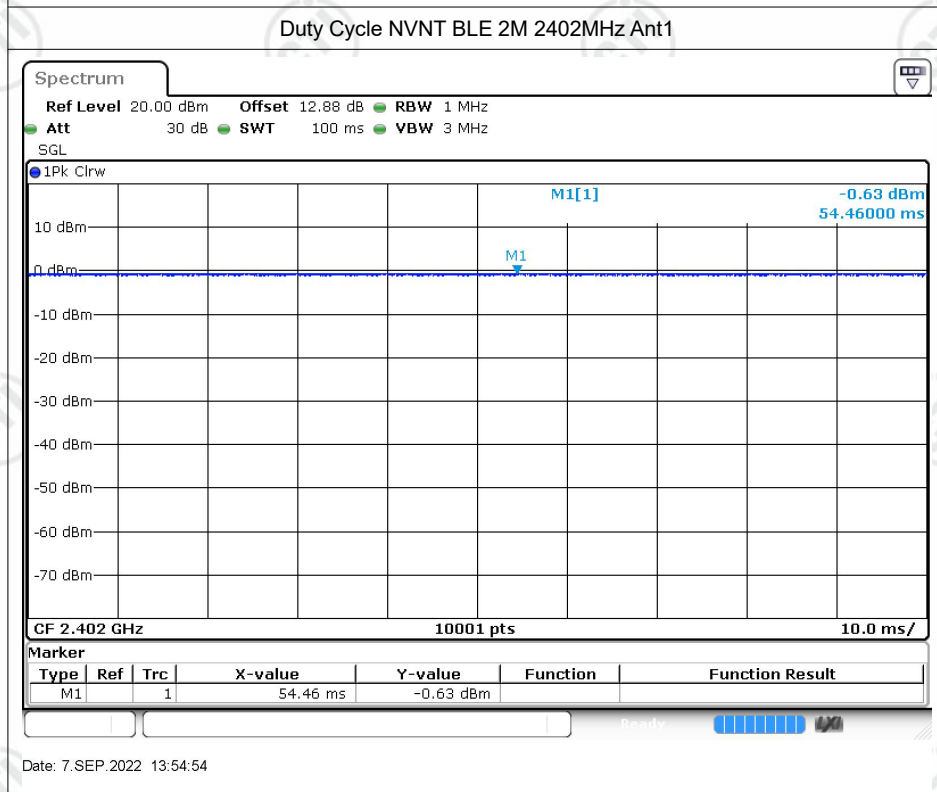
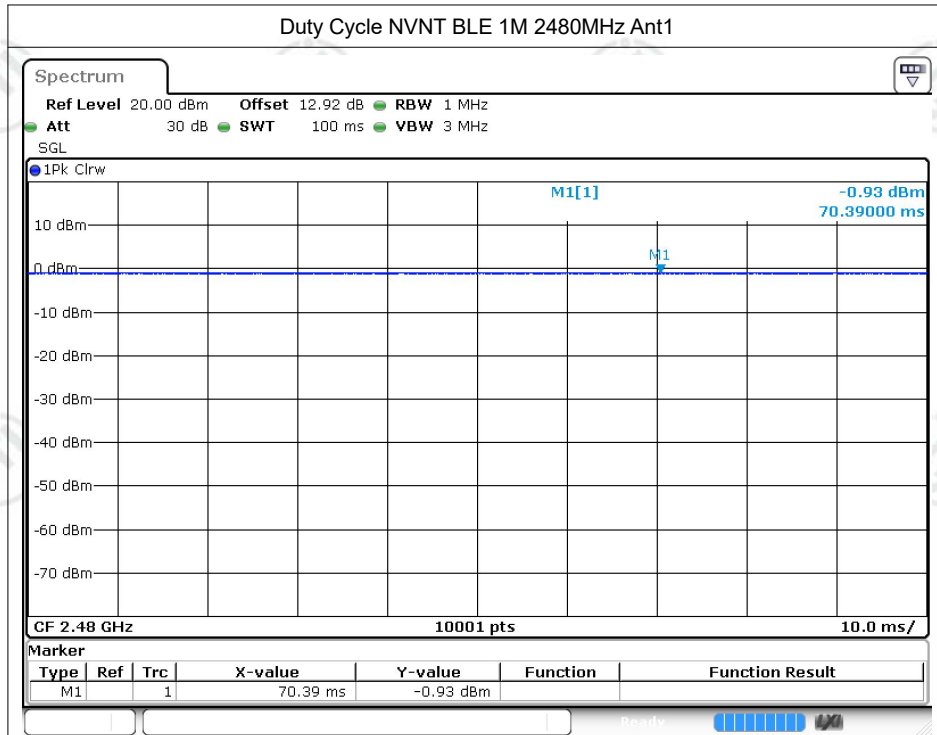
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	100	0	0
NVNT	BLE 1M	2440	Ant1	100	0	0
NVNT	BLE 1M	2480	Ant1	100	0	0
NVNT	BLE 2M	2402	Ant1	100	0	0
NVNT	BLE 2M	2440	Ant1	100	0	0
NVNT	BLE 2M	2480	Ant1	100	0	0

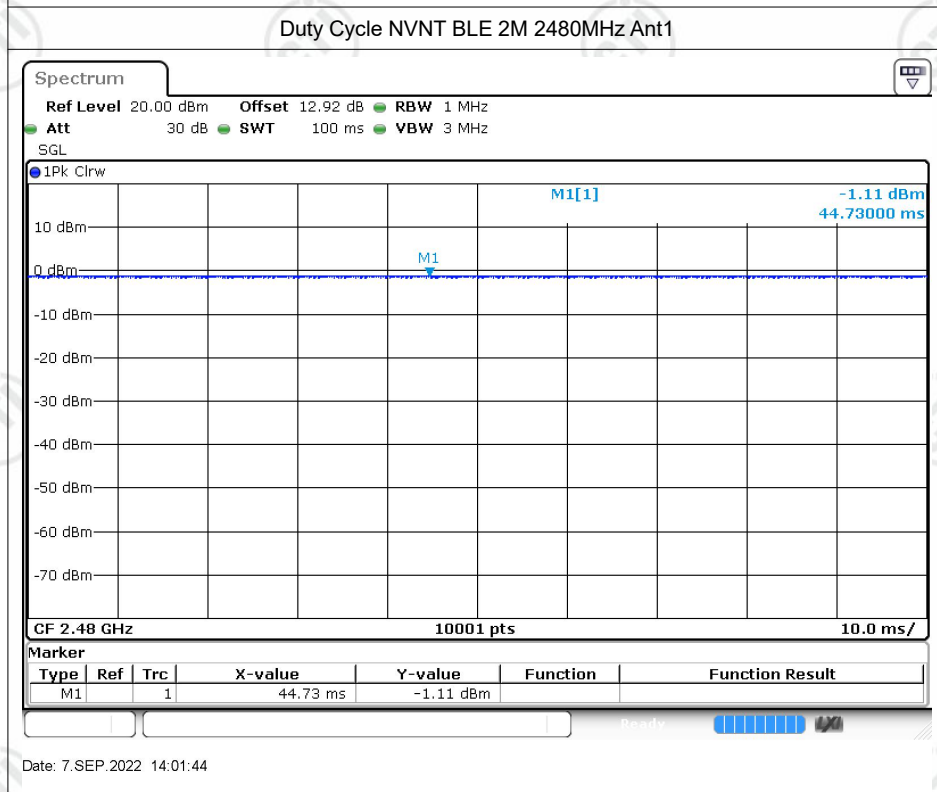
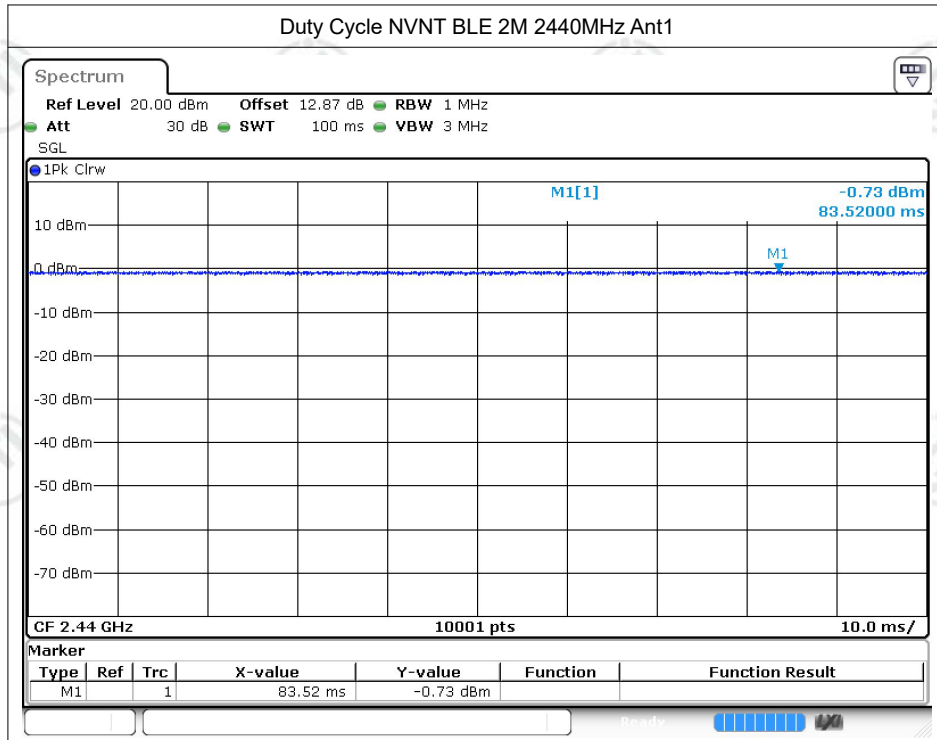


Date: 7.SEP.2022 13:49:04



Date: 7.SEP.2022 13:50:56

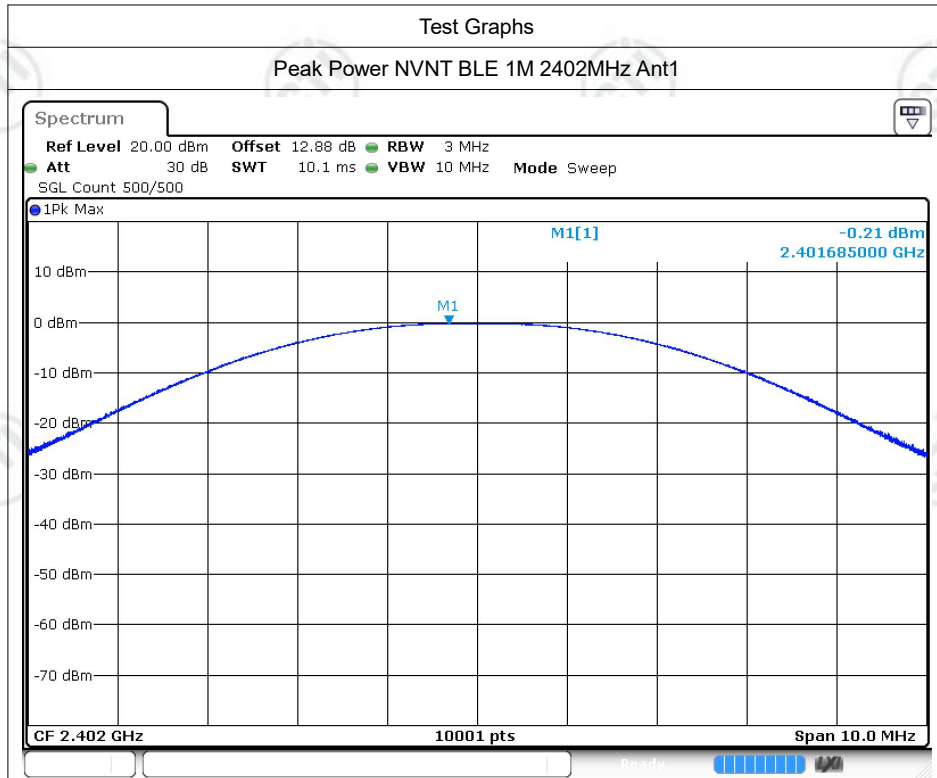




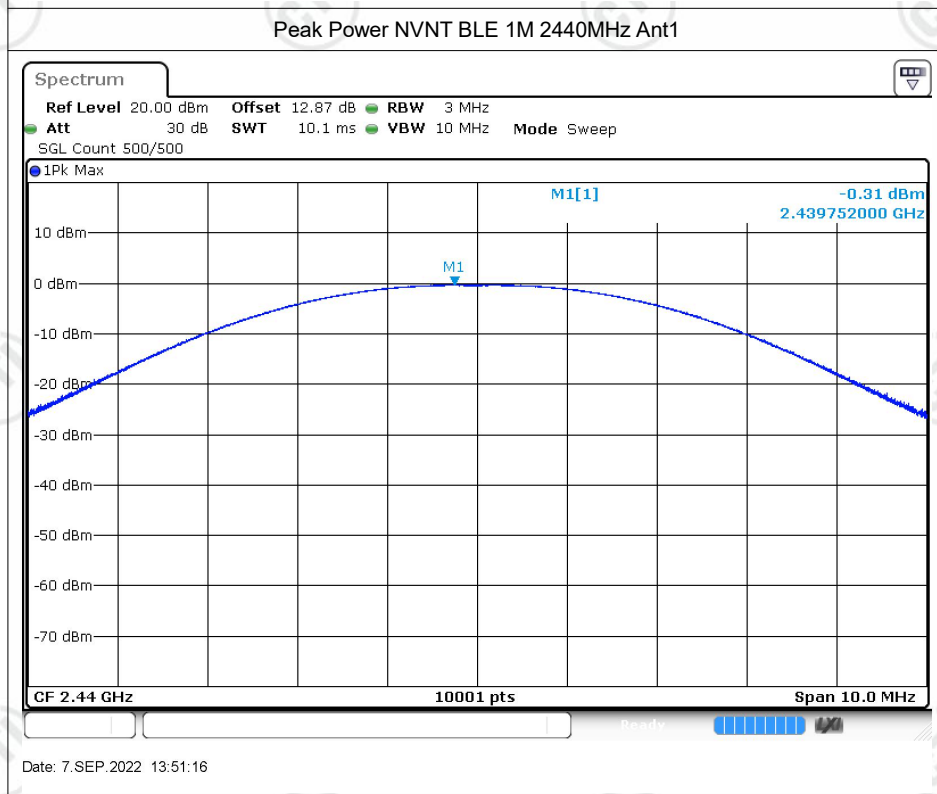
**Maximum Peak Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.21	0	-0.21	30	Pass
NVNT	BLE 1M	2440	Ant1	-0.31	0	-0.31	30	Pass
NVNT	BLE 1M	2480	Ant1	-0.7	0	-0.7	30	Pass
NVNT	BLE 2M	2402	Ant1	-0.21	0	-0.21	30	Pass
NVNT	BLE 2M	2440	Ant1	-0.3	0	-0.3	30	Pass
NVNT	BLE 2M	2480	Ant1	-0.71	0	-0.71	30	Pass



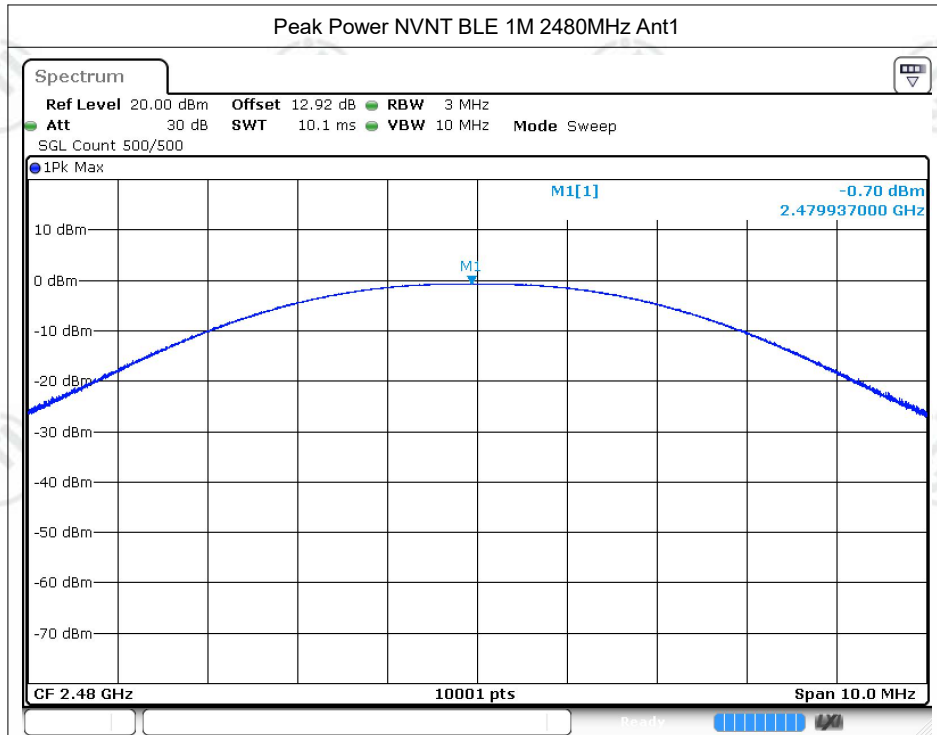


Date: 7.SEP.2022 13:49:25

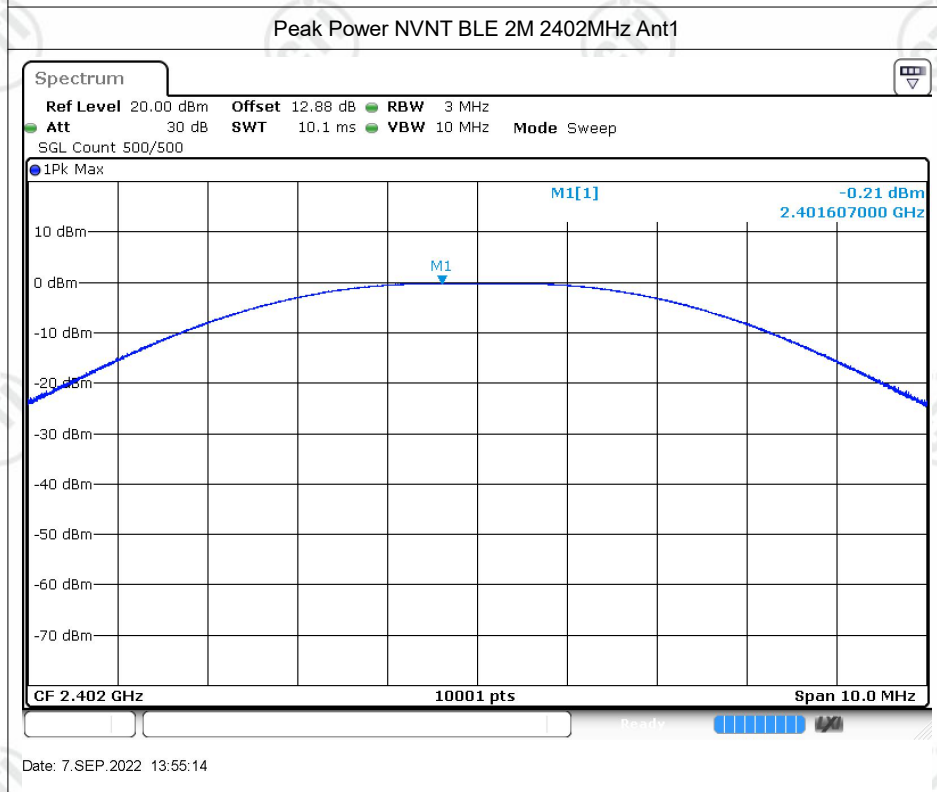


Date: 7.SEP.2022 13:51:16

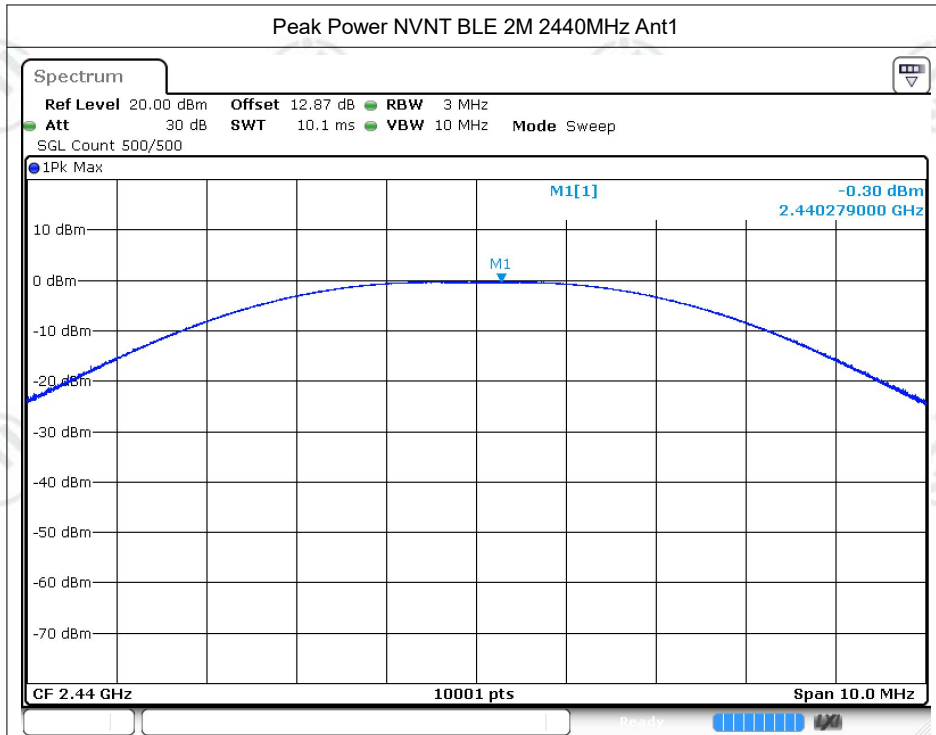




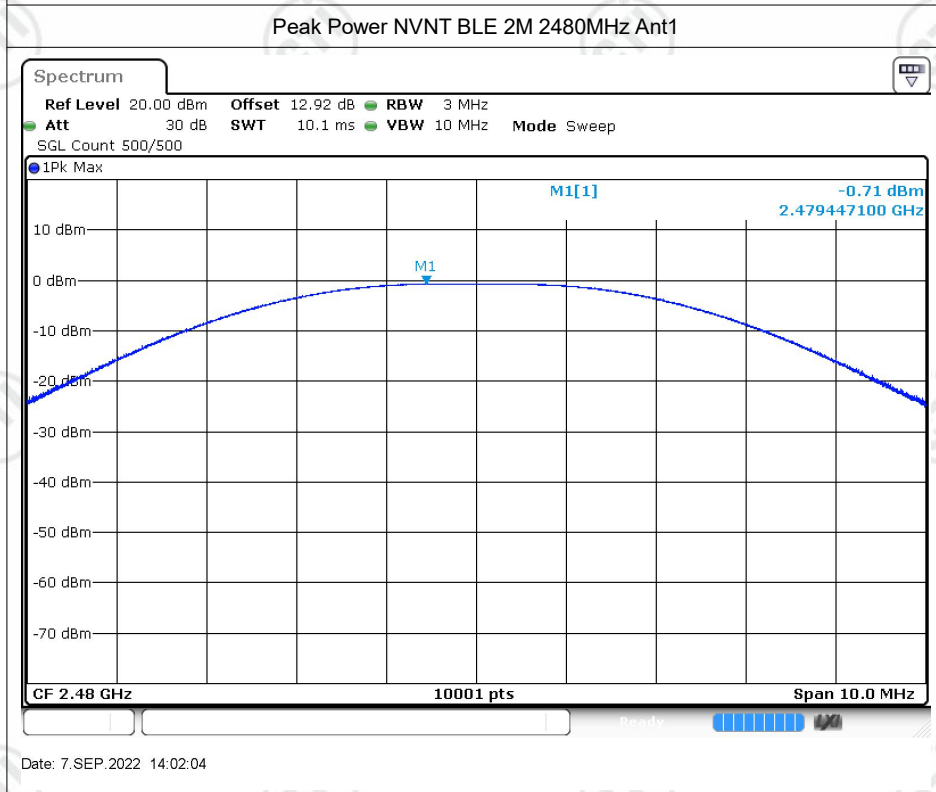
Date: 7.SEP.2022 13:53:10



Date: 7.SEP.2022 13:55:14



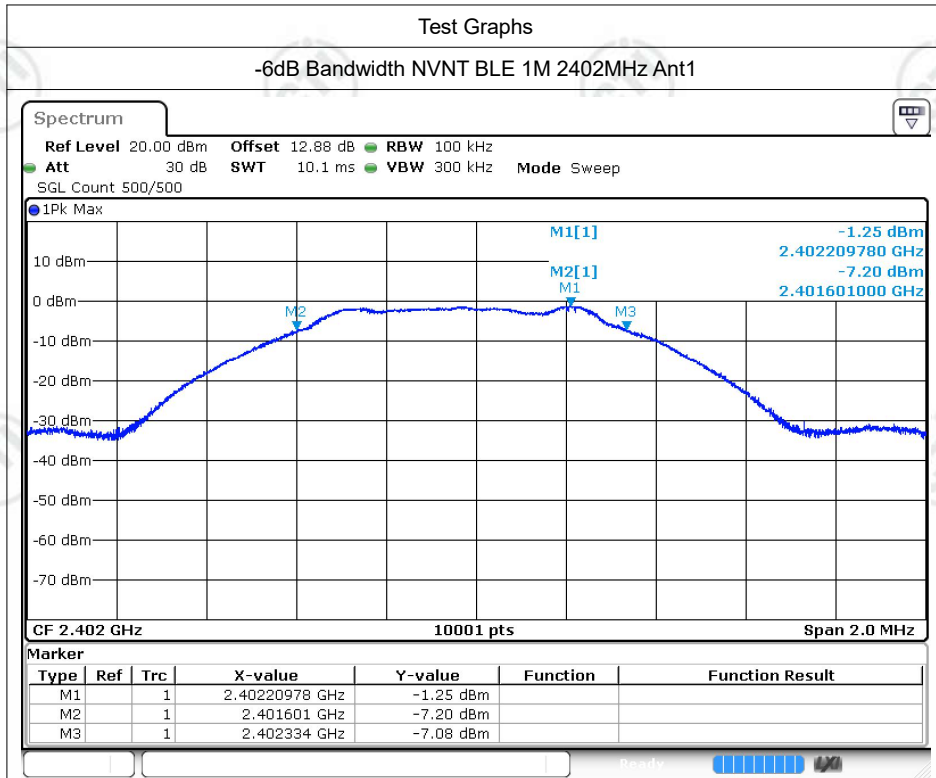
Date: 7.SEP.2022 13:57:22



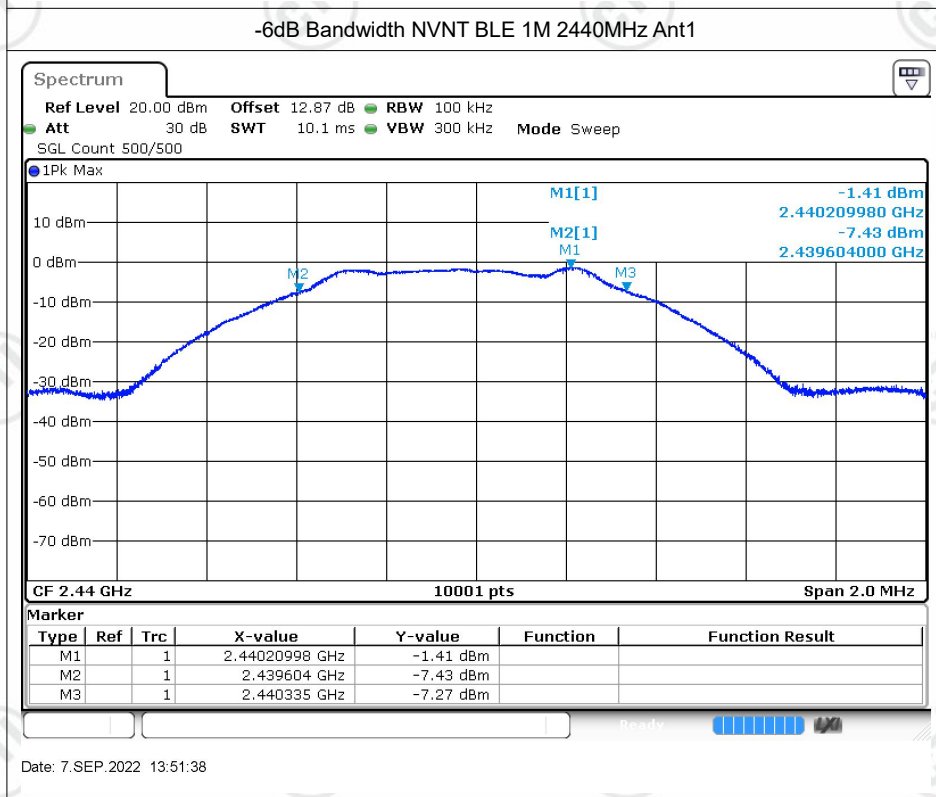
Date: 7.SEP.2022 14:02:04

**-6dB Bandwidth**

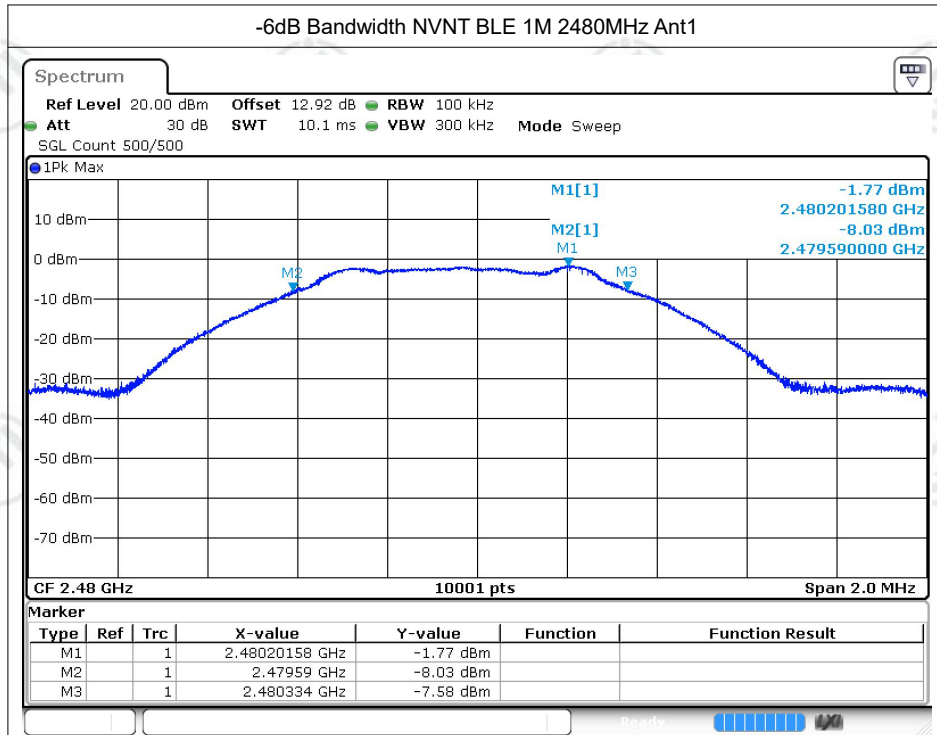
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.733	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.731	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.744	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.406	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.41	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.4	0.5	Pass



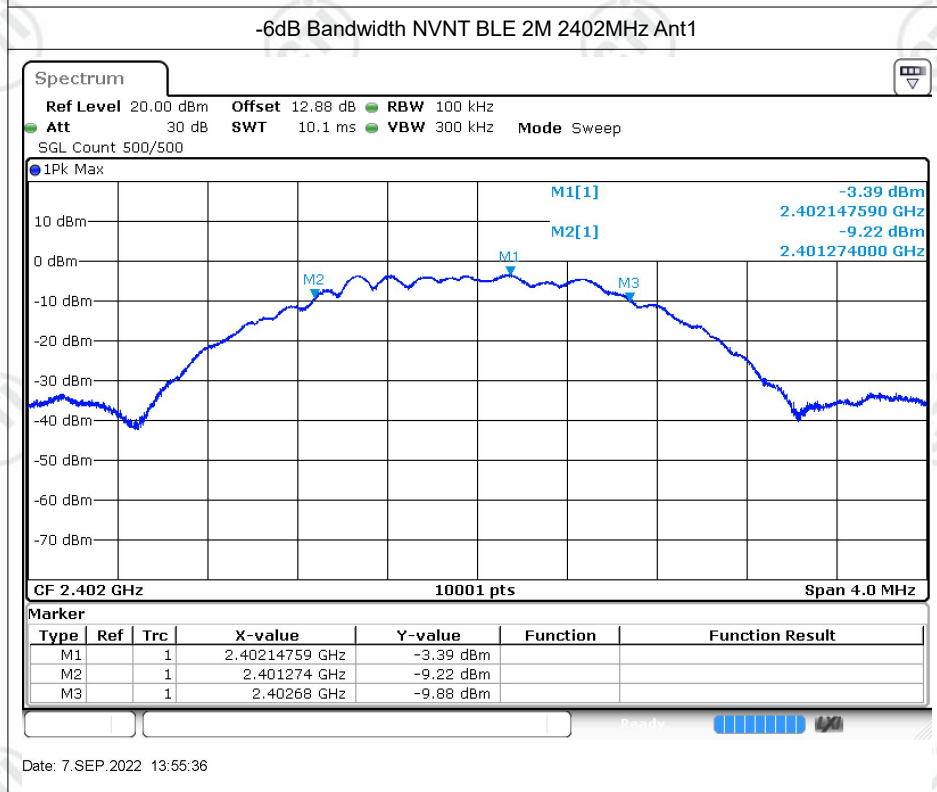
Date: 7.SEP.2022 13:49:47



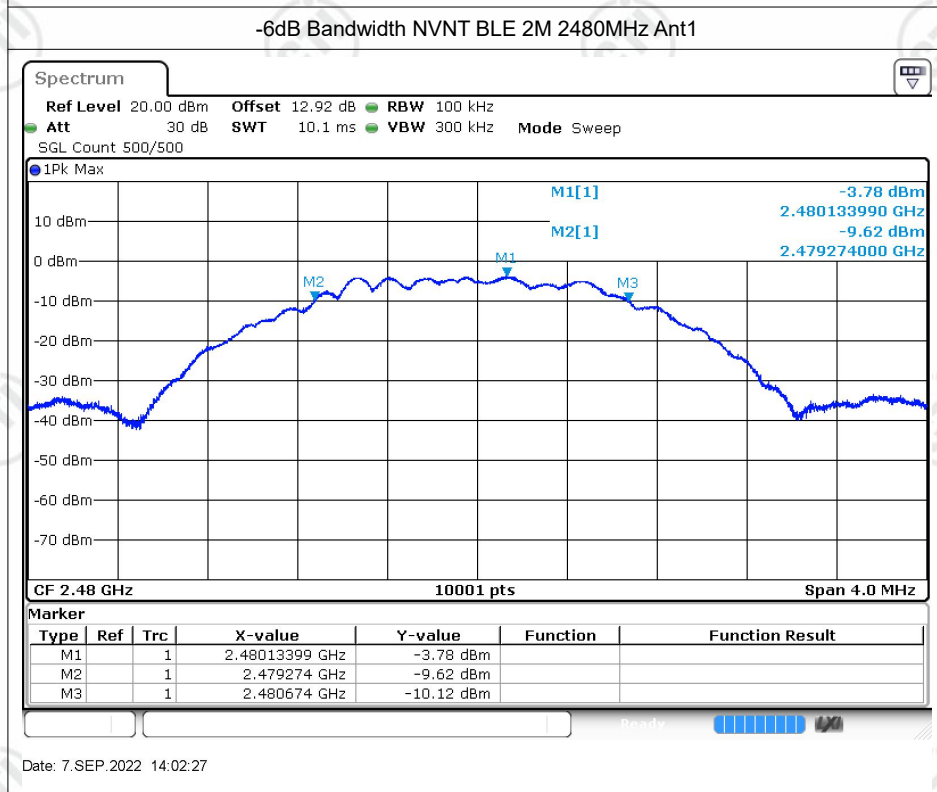
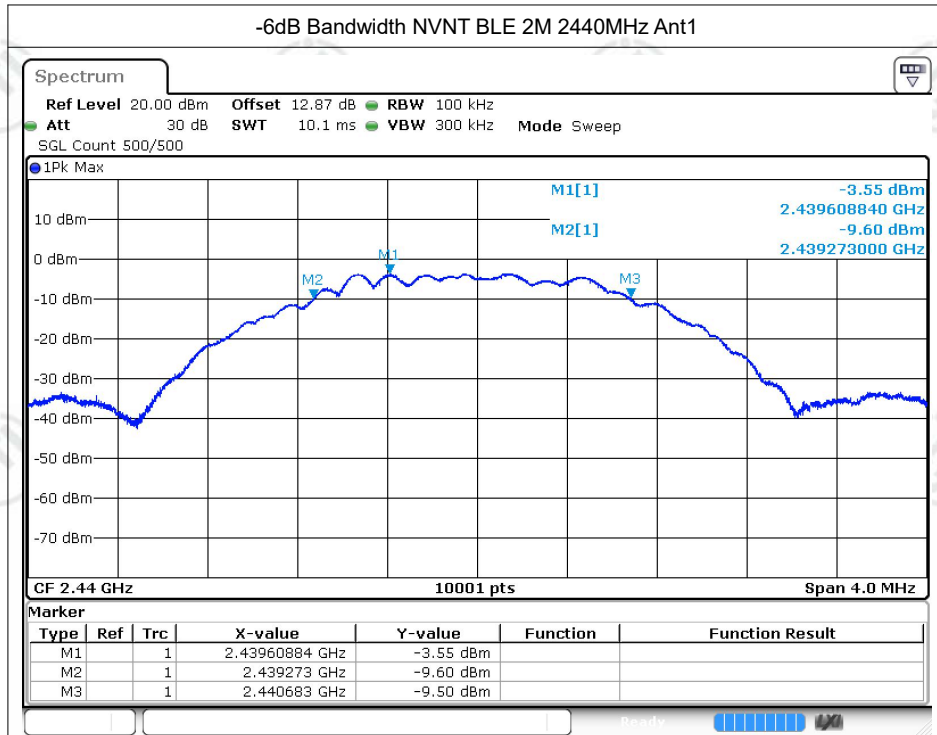
Date: 7.SEP.2022 13:51:38



Date: 7.SEP.2022 13:53:32



Date: 7.SEP.2022 13:55:36

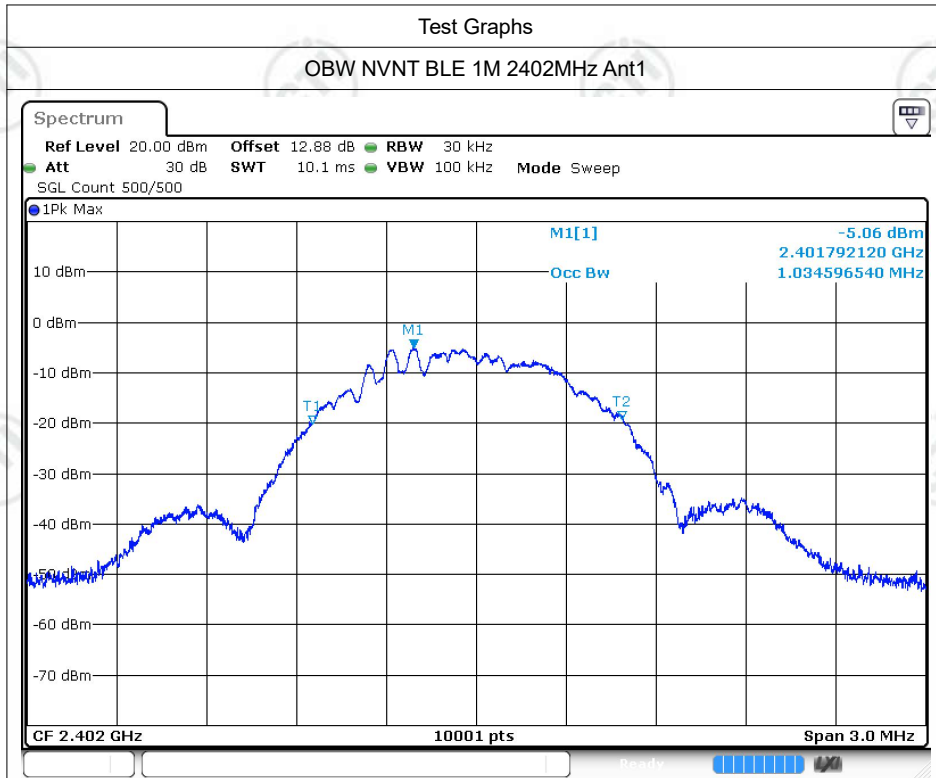




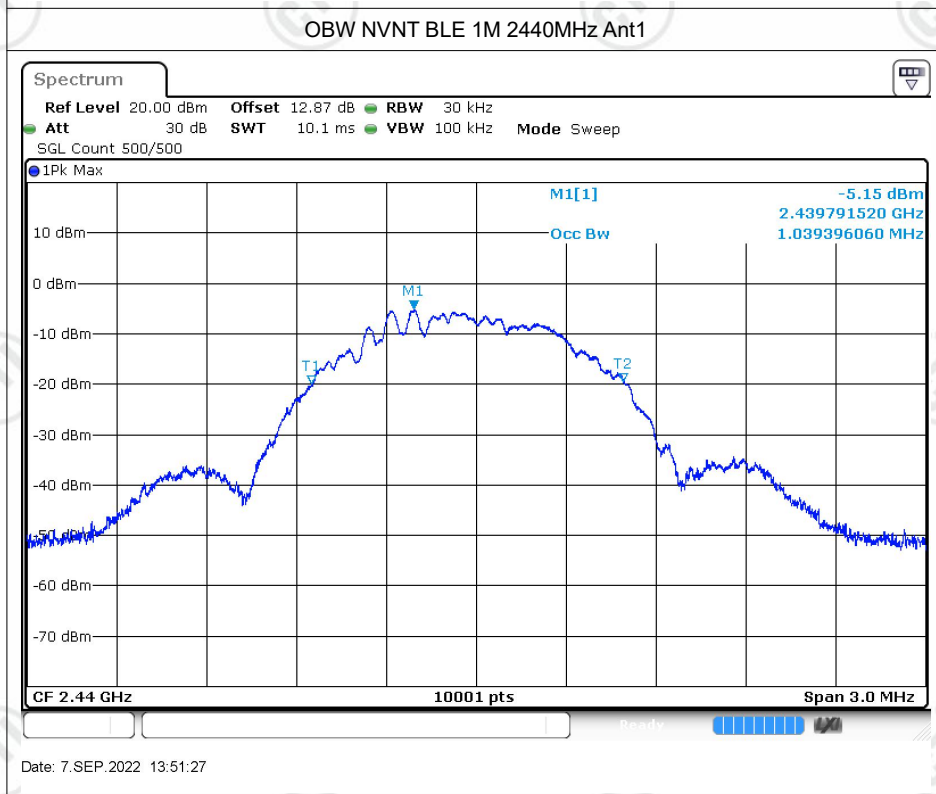
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.035
NVNT	BLE 1M	2440	Ant1	1.039
NVNT	BLE 1M	2480	Ant1	1.039
NVNT	BLE 2M	2402	Ant1	2.046
NVNT	BLE 2M	2440	Ant1	2.044
NVNT	BLE 2M	2480	Ant1	2.043

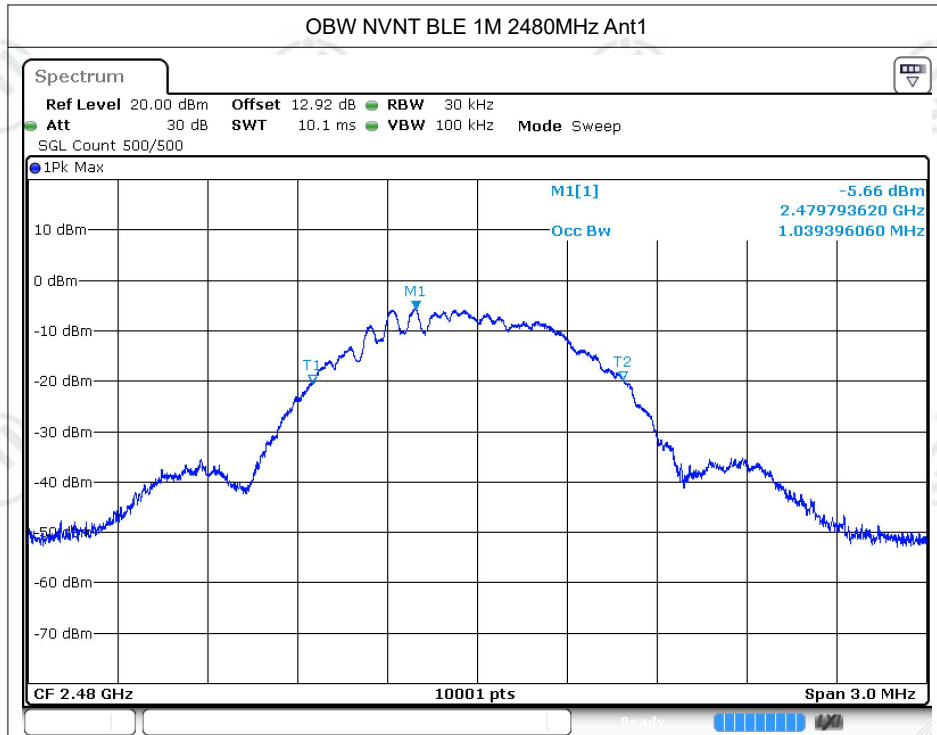




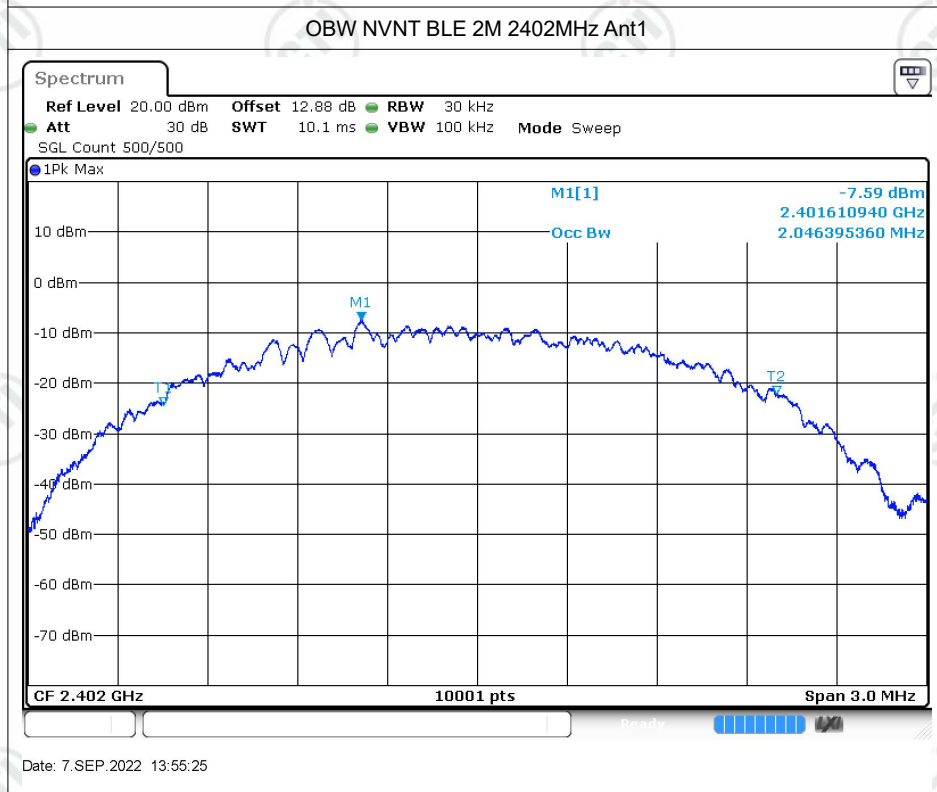
Date: 7.SEP.2022 13:49:36



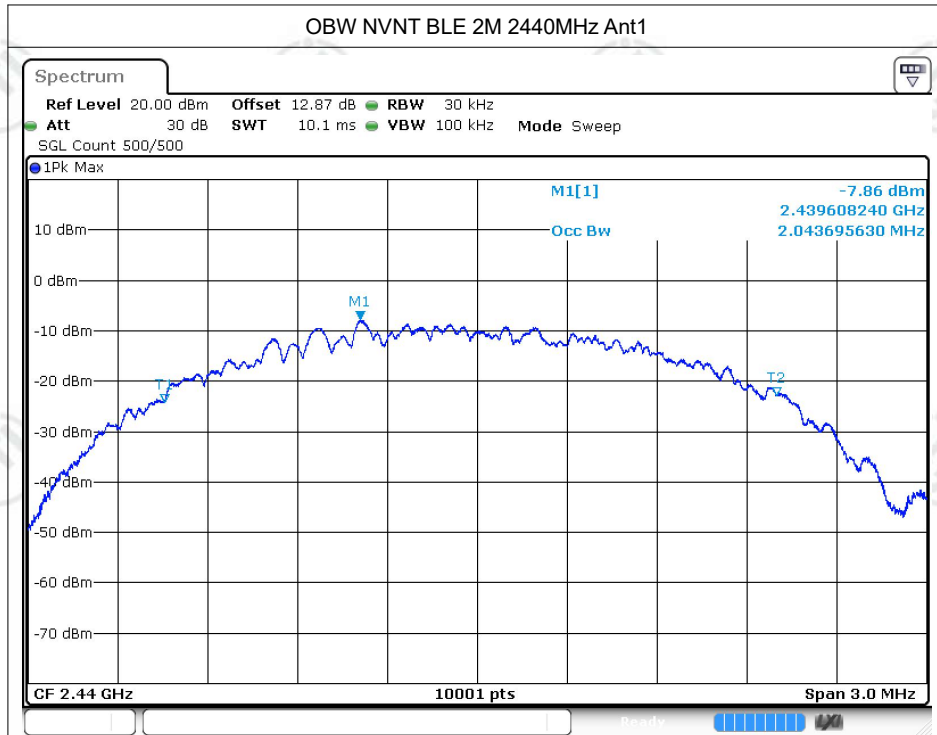
Date: 7.SEP.2022 13:51:27



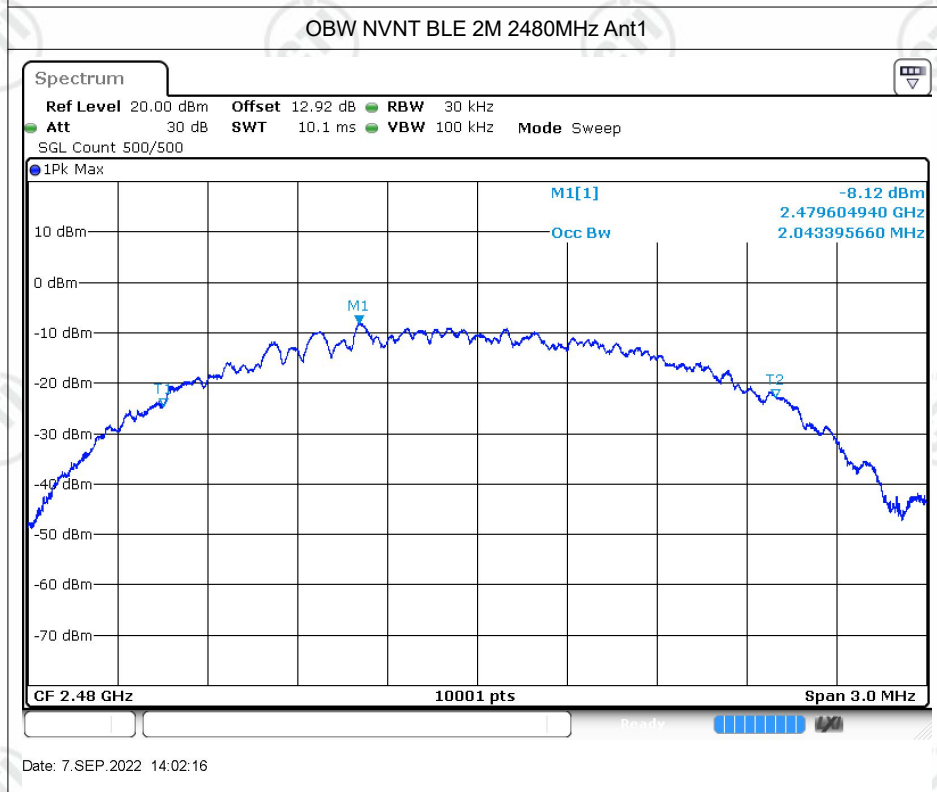
Date: 7.SEP.2022 13:53:21



Date: 7.SEP.2022 13:55:25



Date: 7.SEP.2022 13:57:33



Date: 7.SEP.2022 14:02:16