

Appendix: 2.4G

Contents

Contents 2

Duty Cycle 3

Maximum Peak Conducted Output Power 6

-6dB Bandwidth 9

Occupied Channel Bandwidth 12

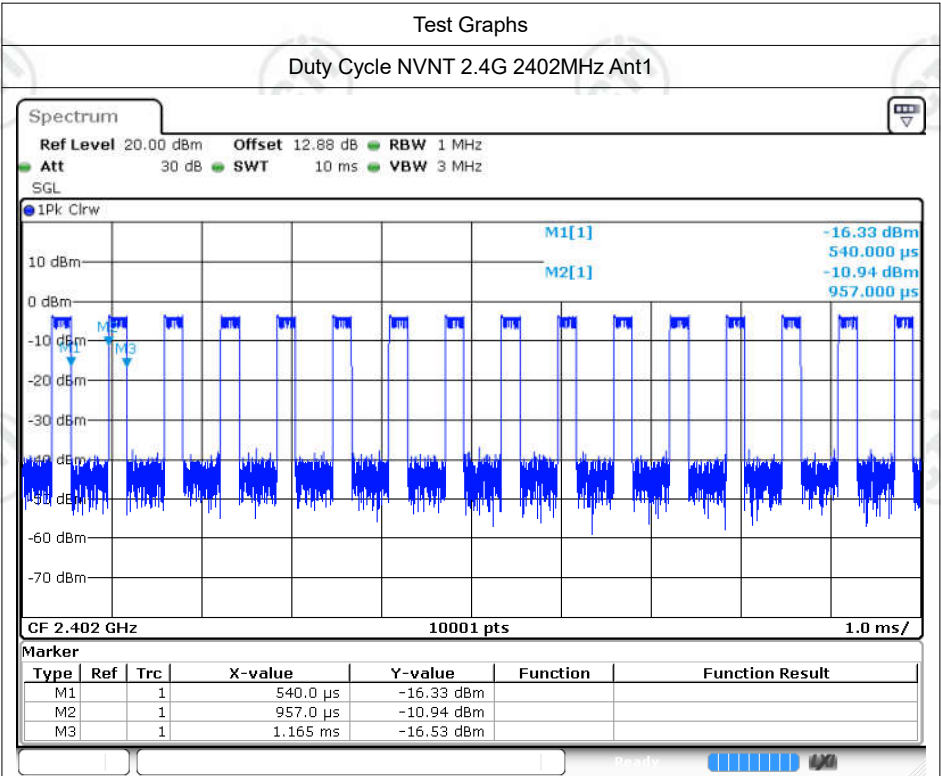
Maximum Power Spectral Density Level 15

Band Edge 18

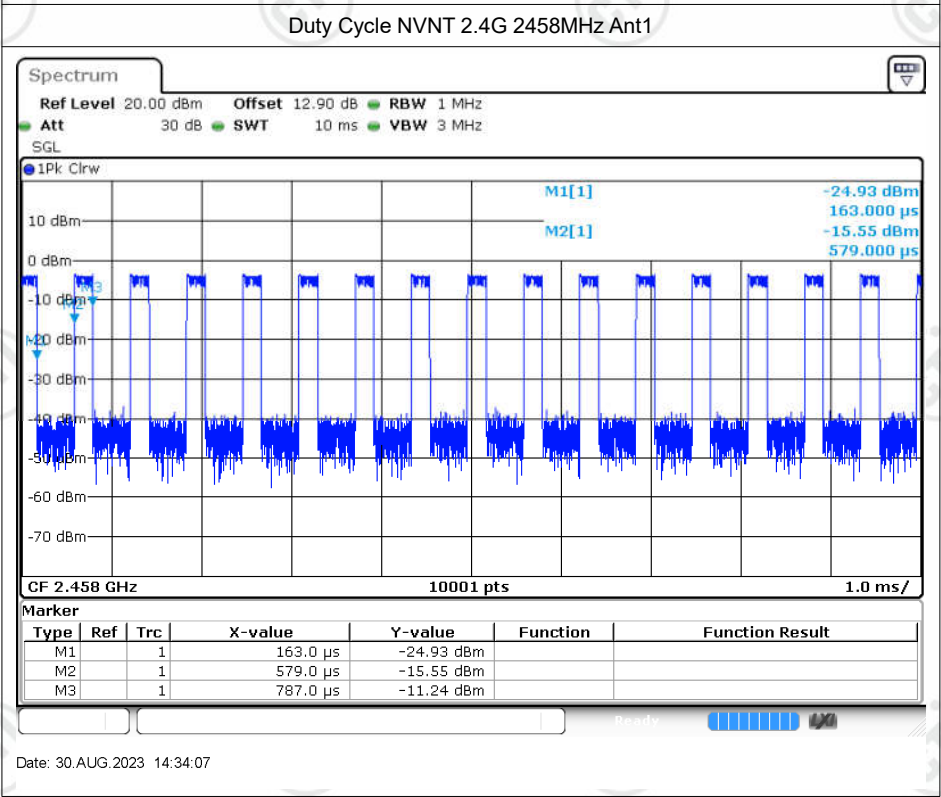
Conducted RF Spurious Emission 21

Duty Cycle

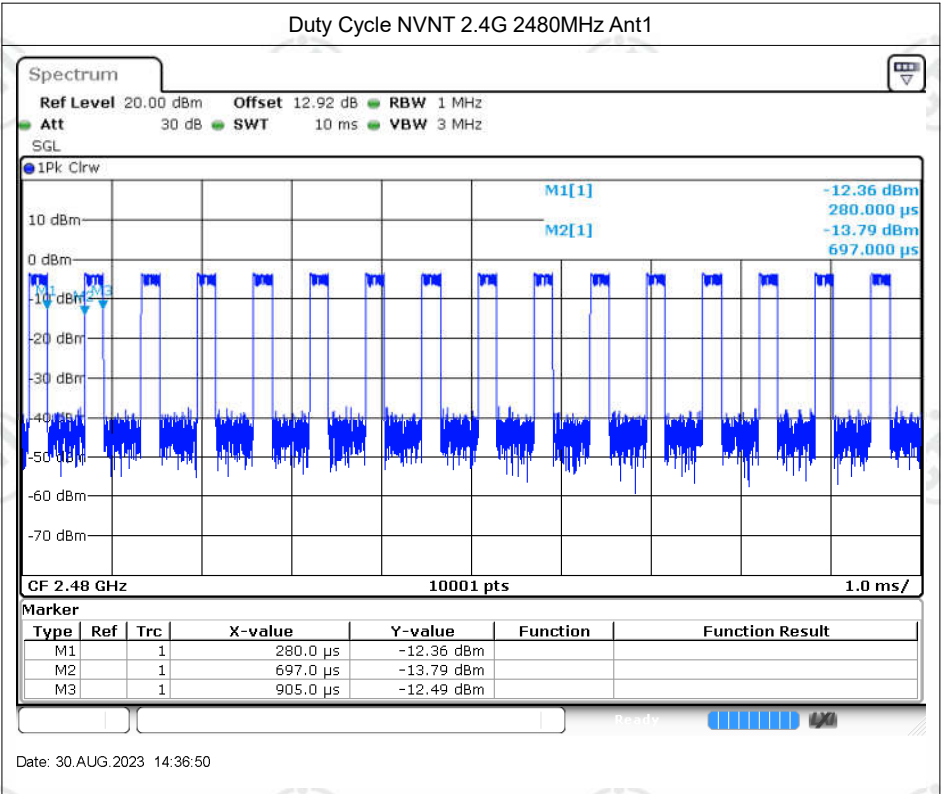
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	2.4G	2402	Ant1	33.28	4.78	4.81
NVNT	2.4G	2458	Ant1	33.33	4.77	4.81
NVNT	2.4G	2480	Ant1	33.28	4.78	4.81



Date: 30.AUG.2023 14:27:01

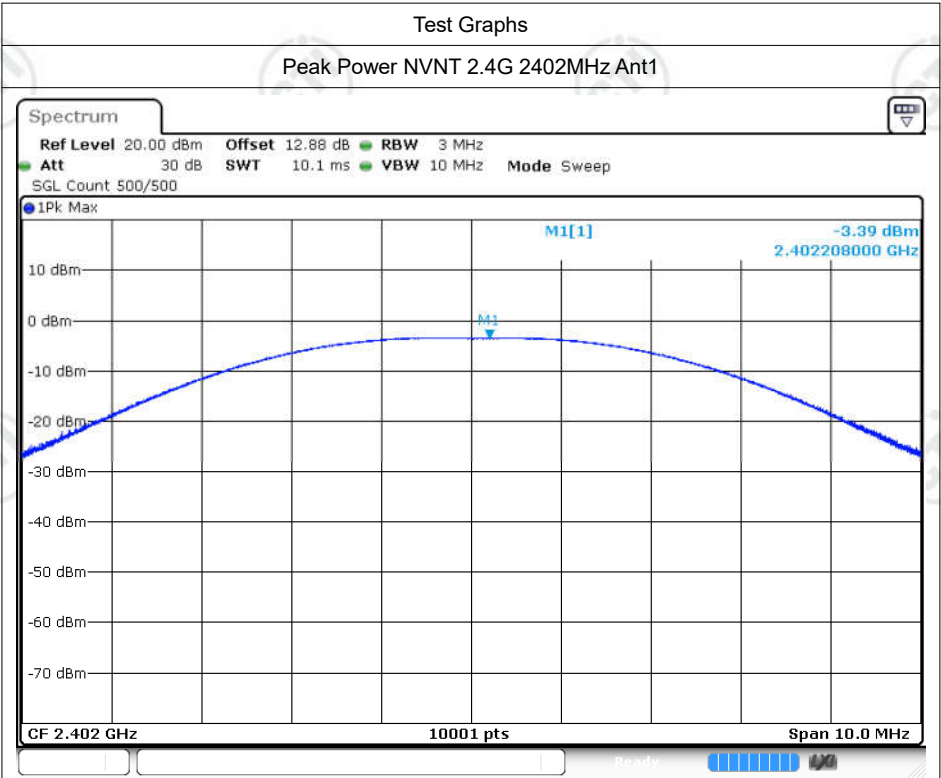


Date: 30.AUG.2023 14:34:07

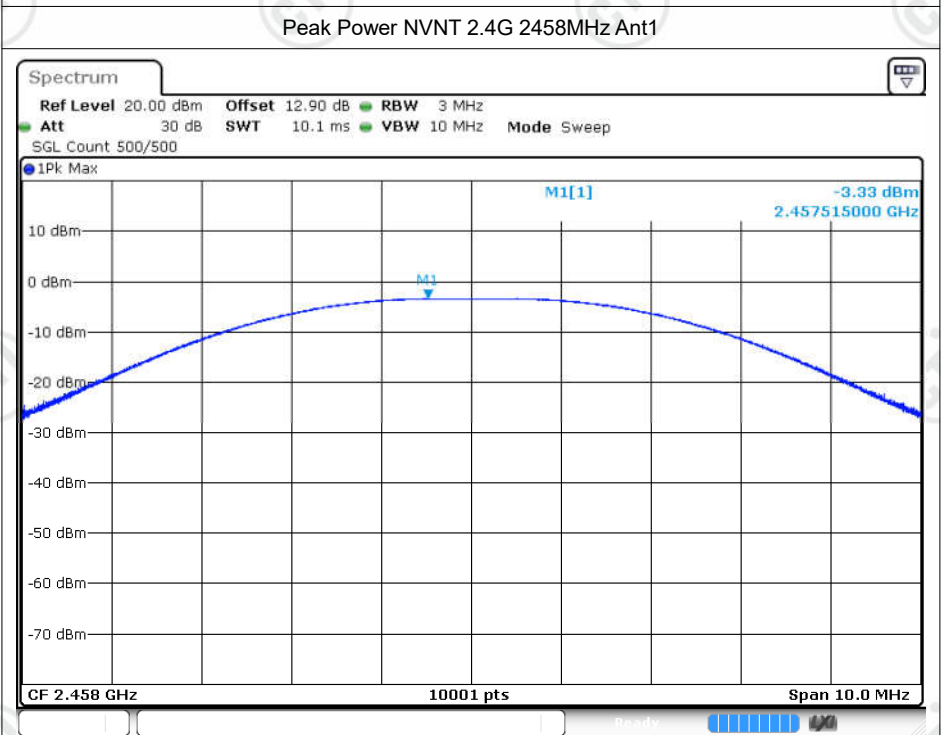


Maximum Peak Conducted Output Power

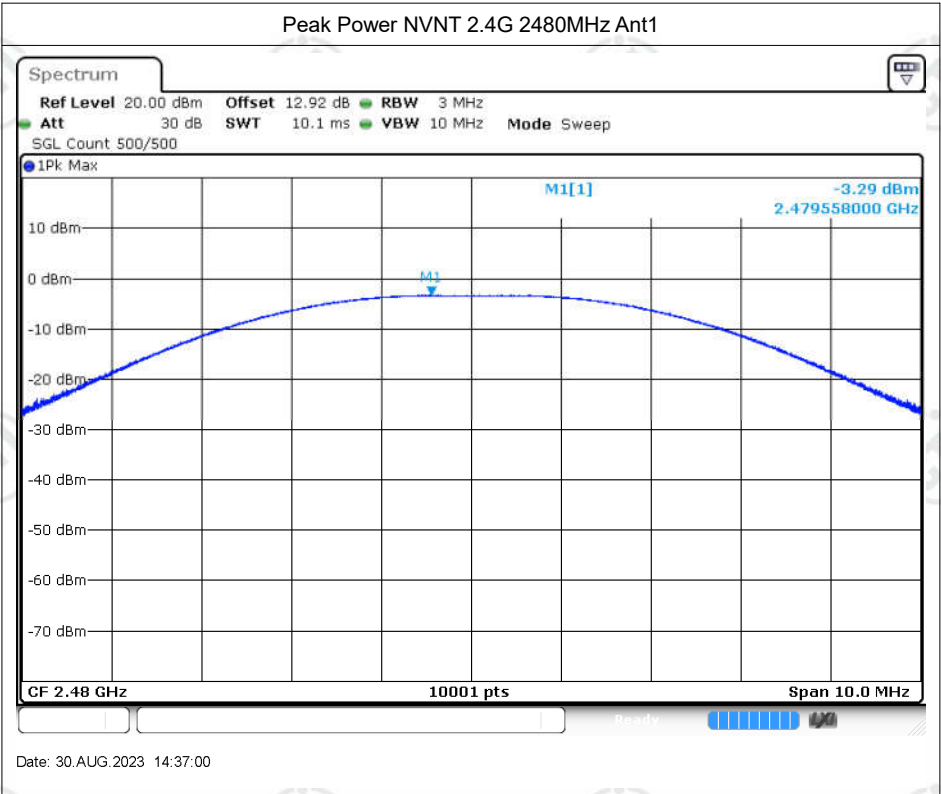
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2402	Ant1	-3.39	30	Pass
NVNT	2.4G	2458	Ant1	-3.33	30	Pass
NVNT	2.4G	2480	Ant1	-3.29	30	Pass



Date: 30.AUG.2023 14:27:11

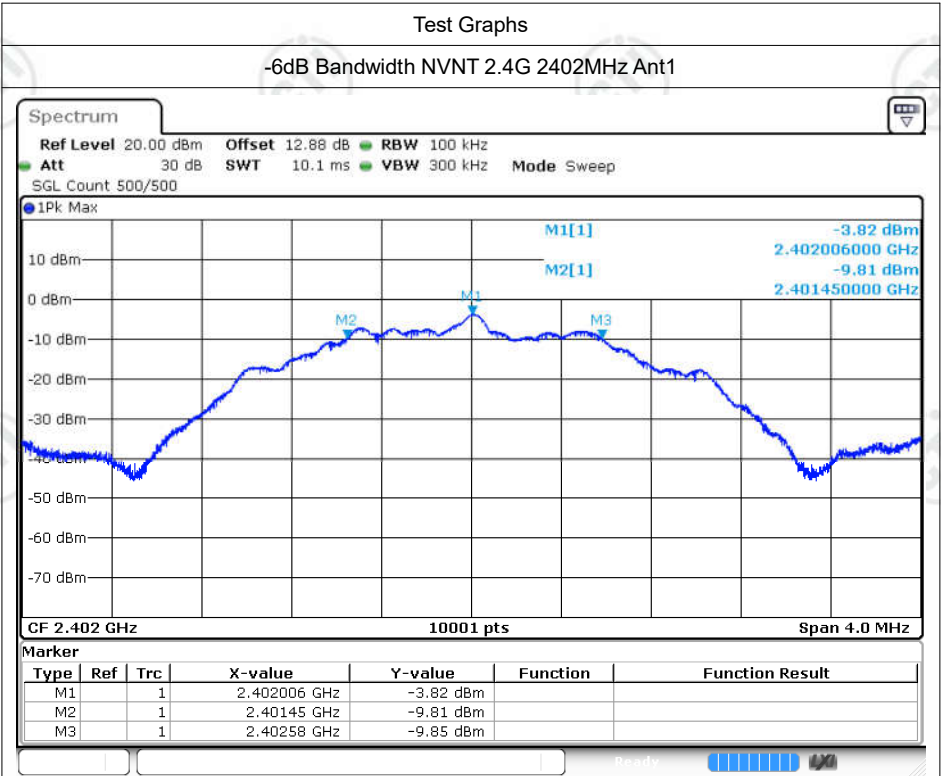


Date: 30.AUG.2023 14:34:21

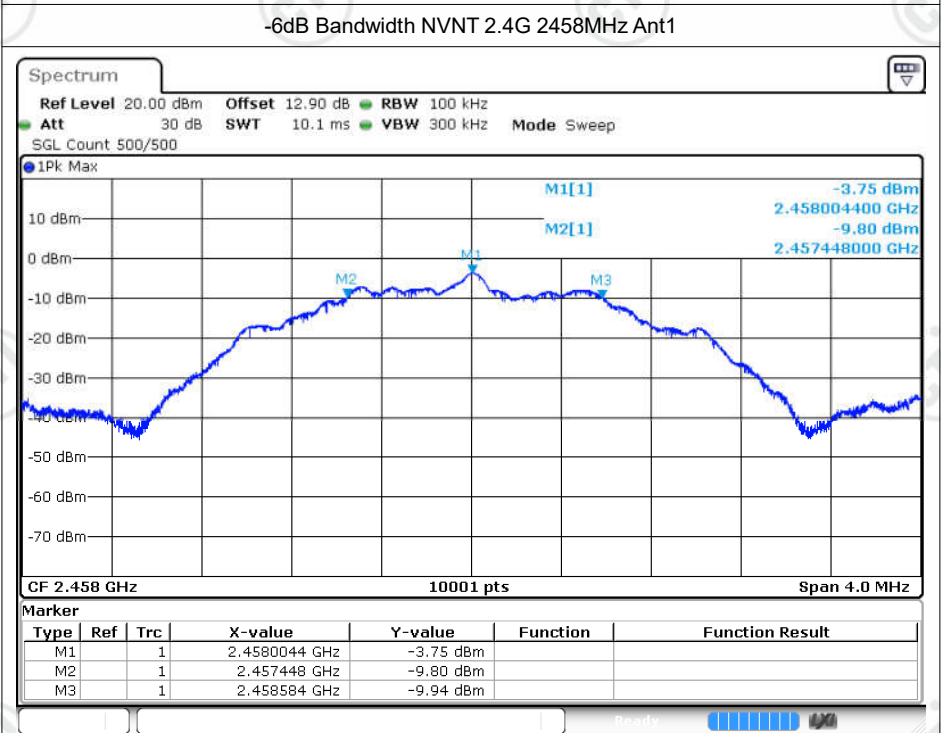


-6dB Bandwidth

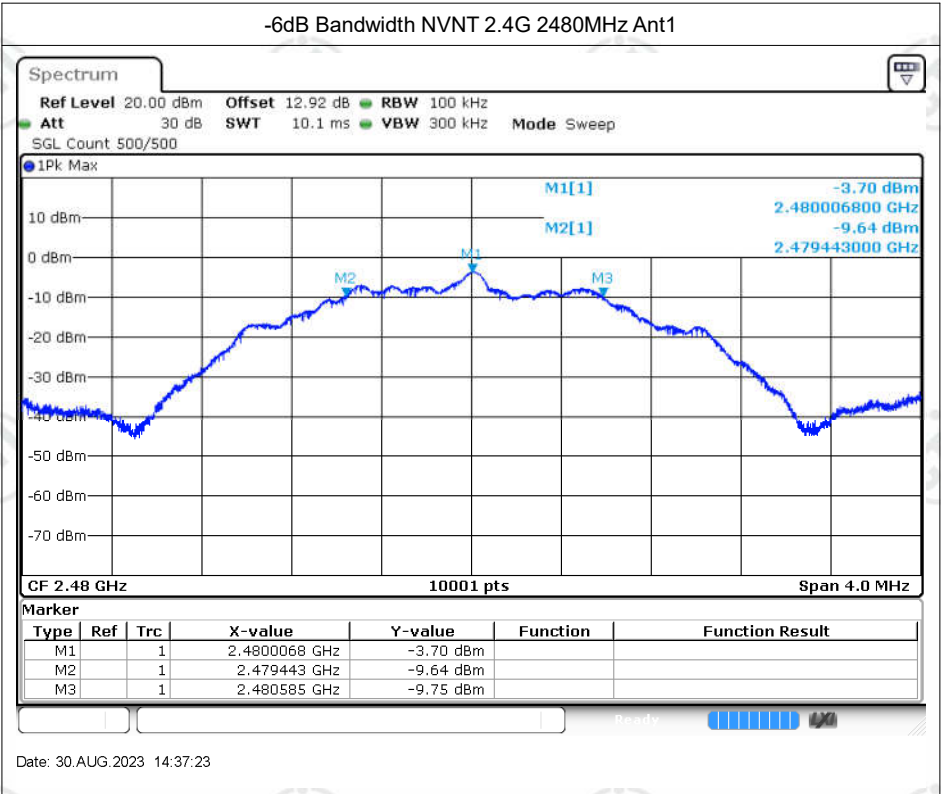
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2.4G	2402	Ant1	1.13	0.5	Pass
NVNT	2.4G	2458	Ant1	1.135	0.5	Pass
NVNT	2.4G	2480	Ant1	1.142	0.5	Pass



Date: 30.AUG.2023 14:27:34

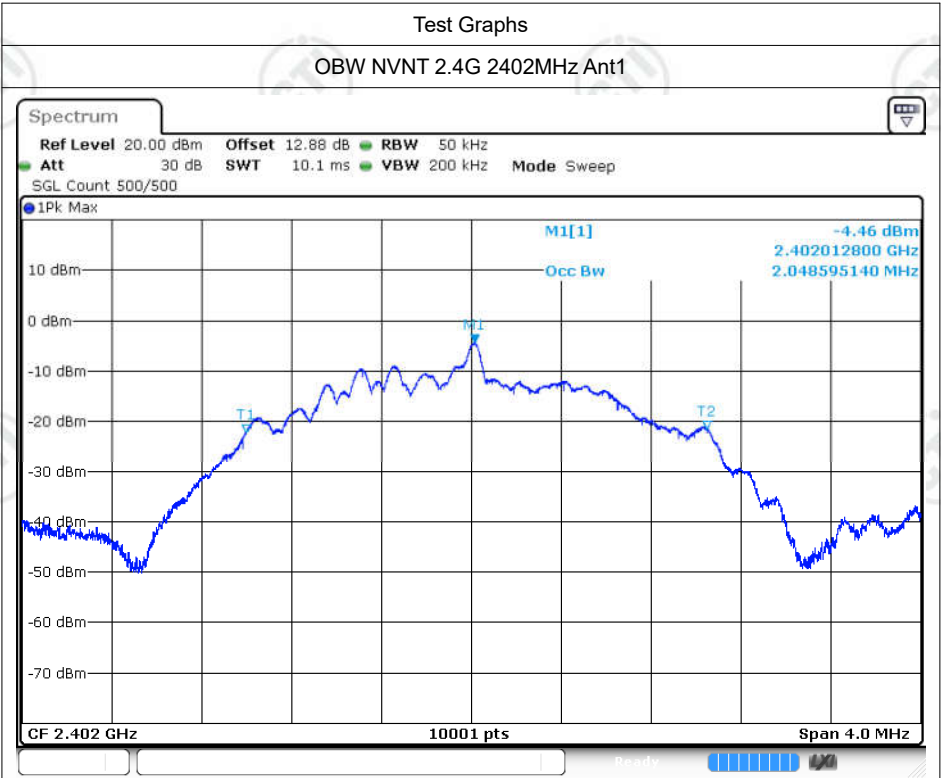


Date: 30.AUG.2023 14:34:44

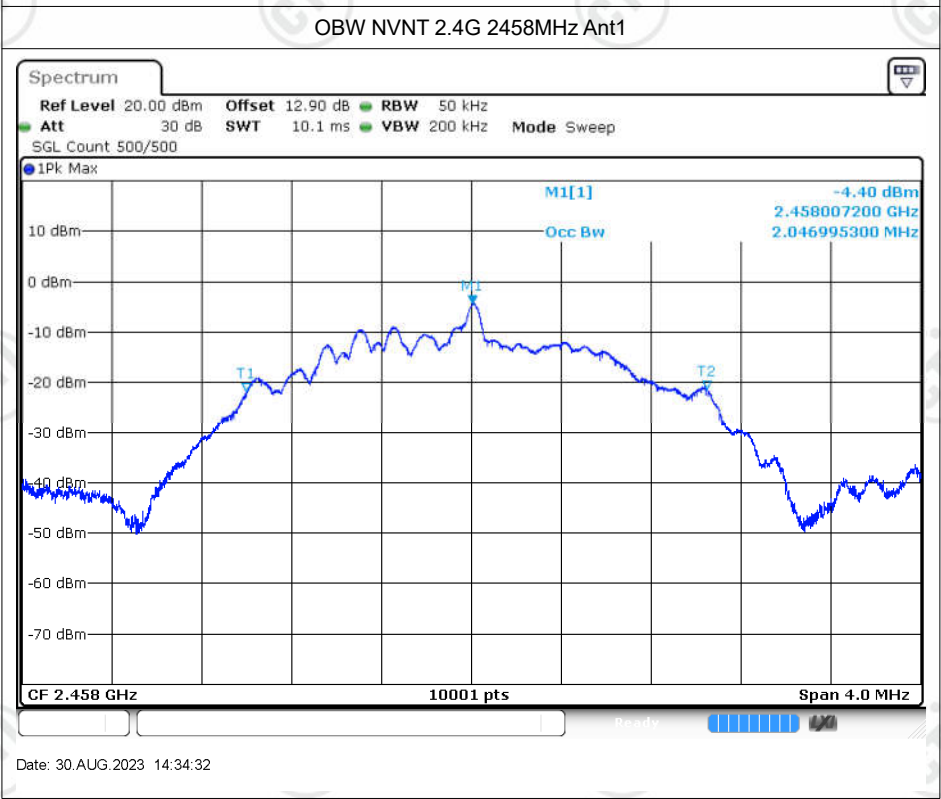


Occupied Channel Bandwidth

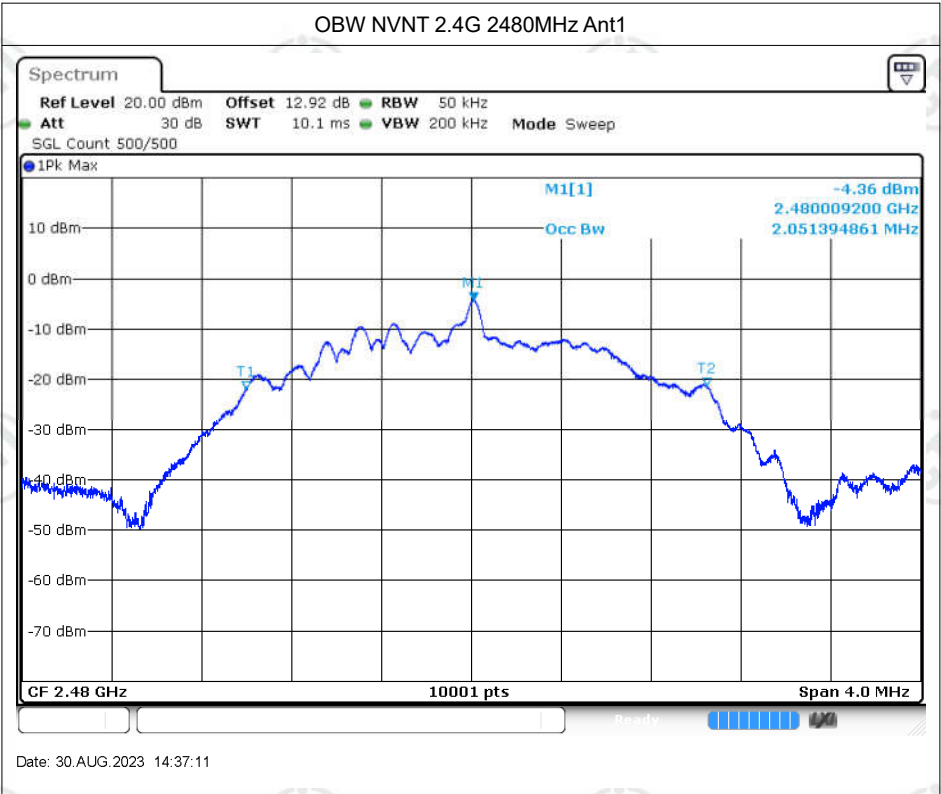
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G	2402	Ant1	2.049
NVNT	2.4G	2458	Ant1	2.047
NVNT	2.4G	2480	Ant1	2.051



Date: 30.AUG.2023 14:27:22

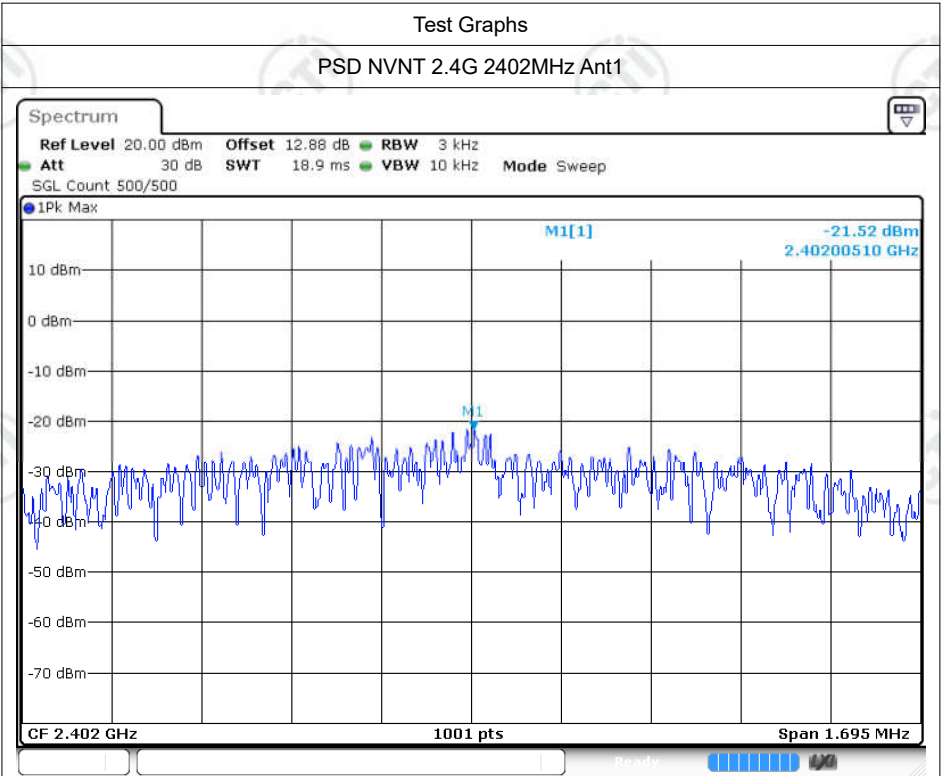


Date: 30.AUG.2023 14:34:32

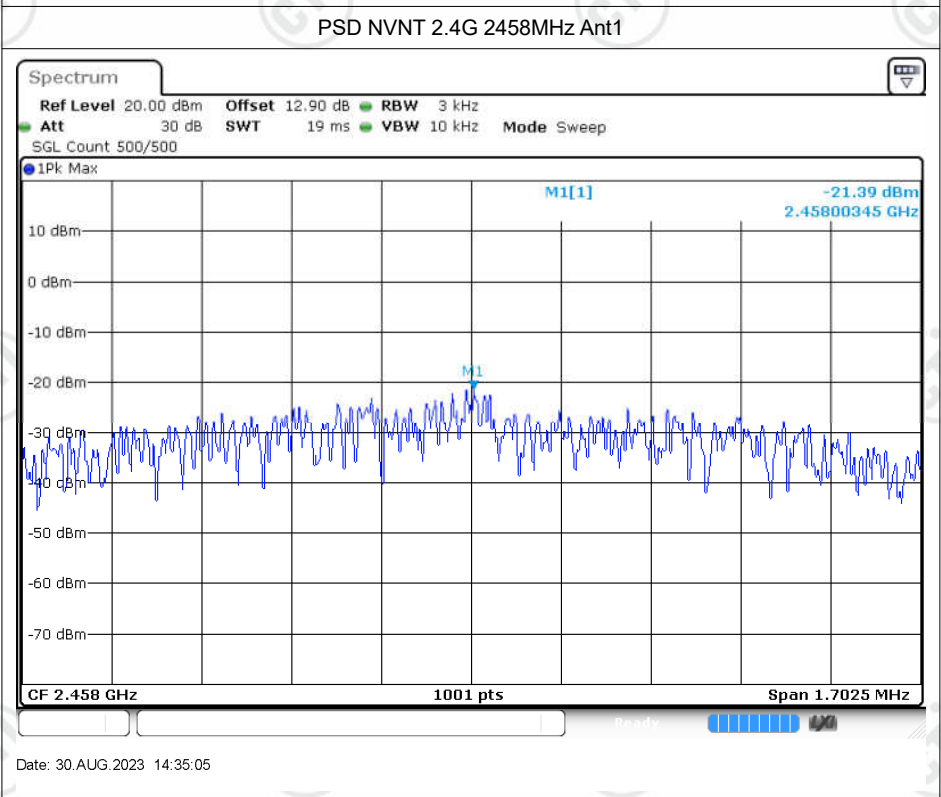


Maximum Power Spectral Density Level

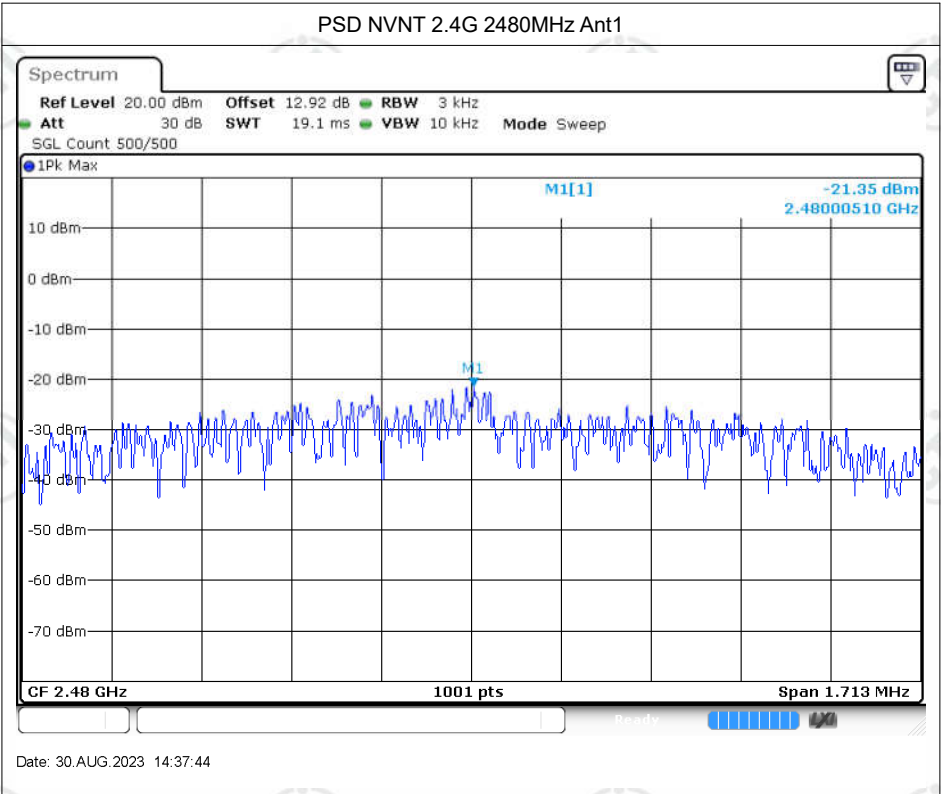
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	2.4G	2402	Ant1	-21.52	8	Pass
NVNT	2.4G	2458	Ant1	-21.39	8	Pass
NVNT	2.4G	2480	Ant1	-21.35	8	Pass



Date: 30.AUG.2023 14:27:55

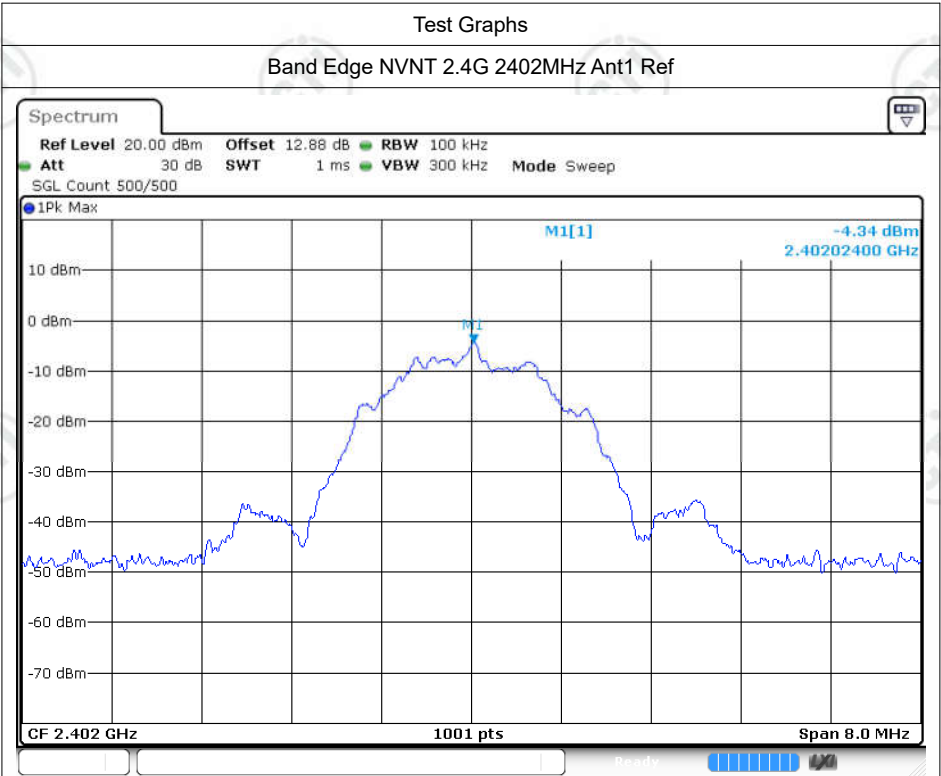


Date: 30.AUG.2023 14:35:05

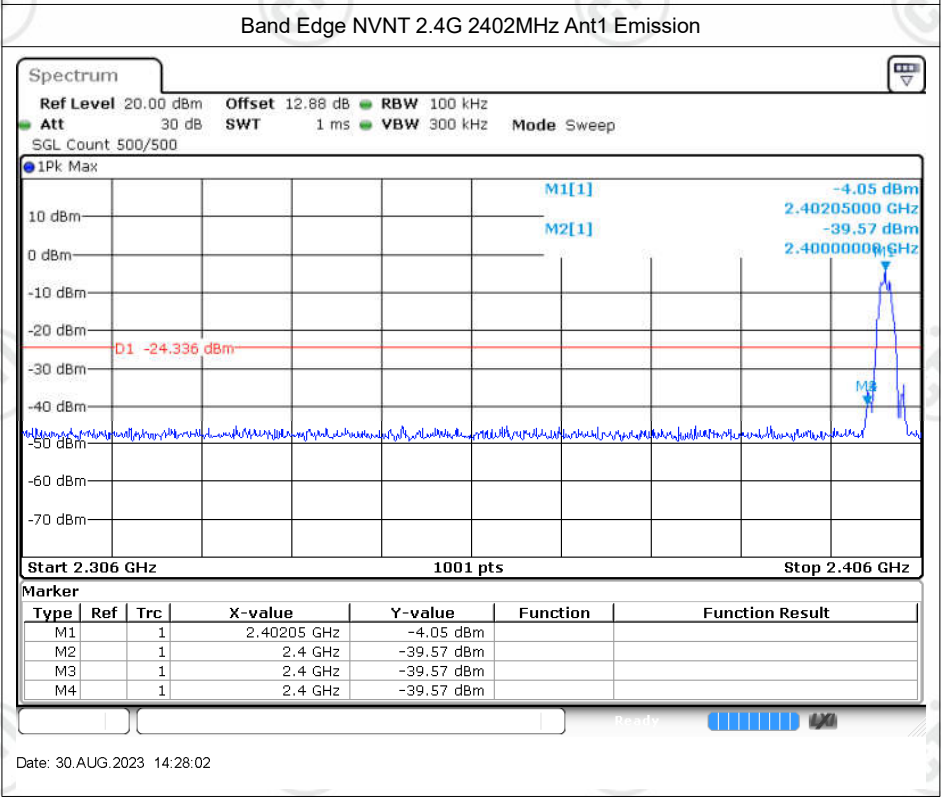


Band Edge

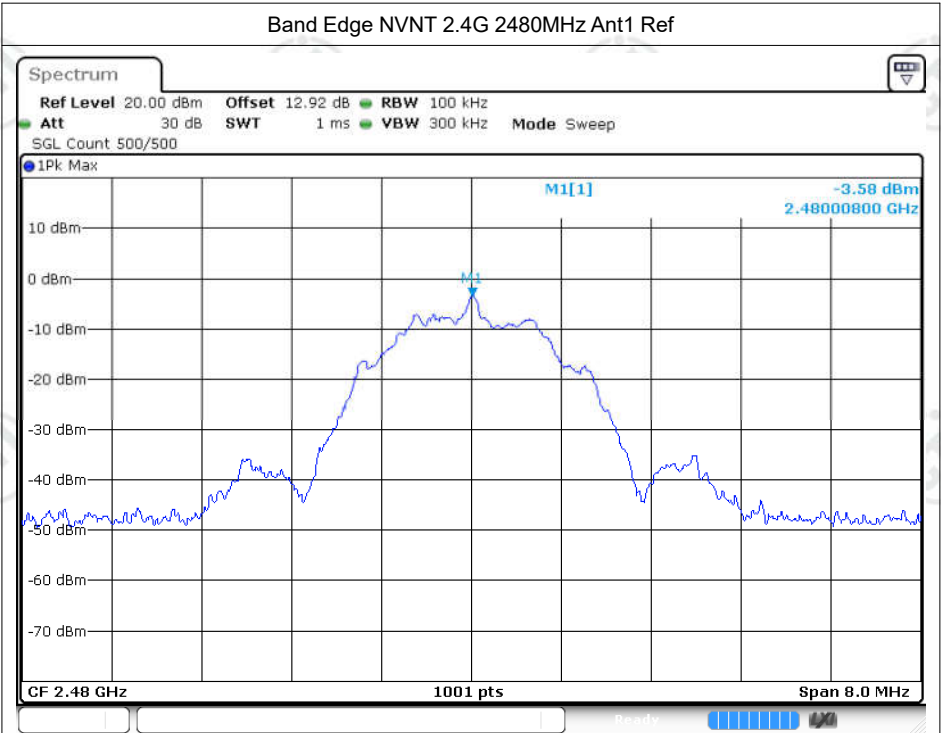
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2402	Ant1	-35.22	-20	Pass
NVNT	2.4G	2480	Ant1	-41.63	-20	Pass



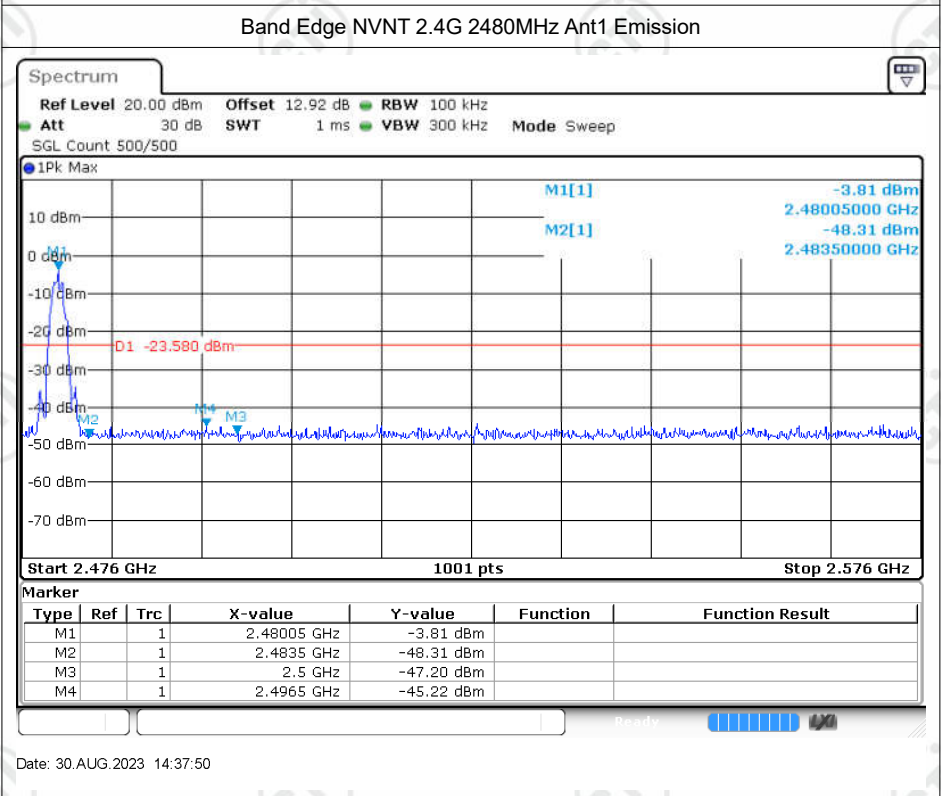
Date: 30.AUG.2023 14:27:59



Date: 30.AUG.2023 14:28:02



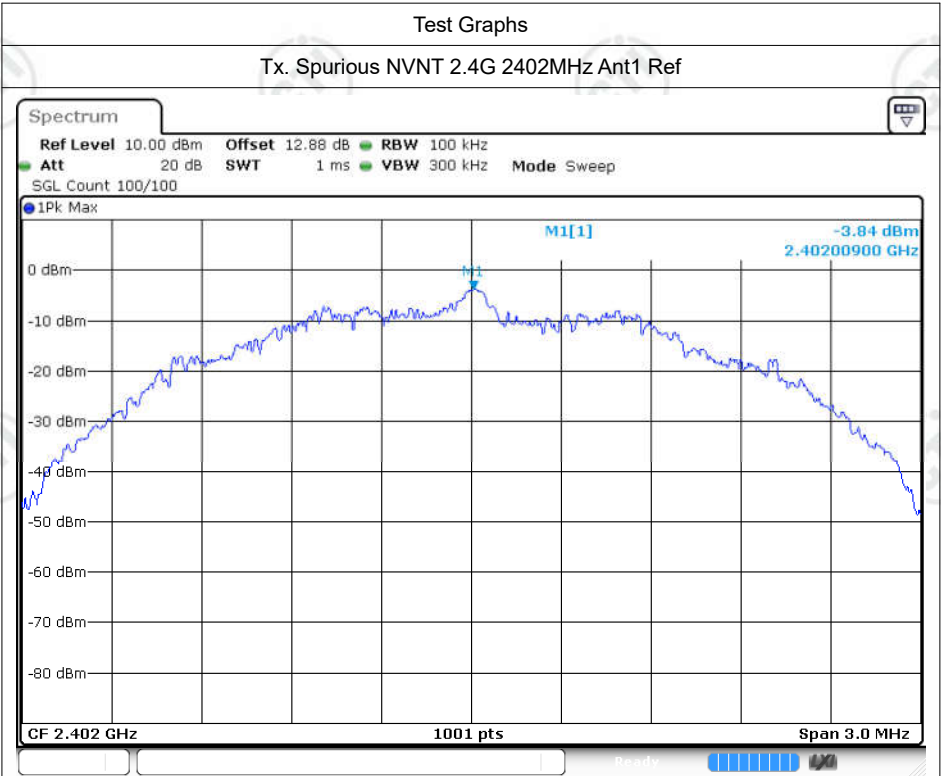
Date: 30.AUG.2023 14:37:48



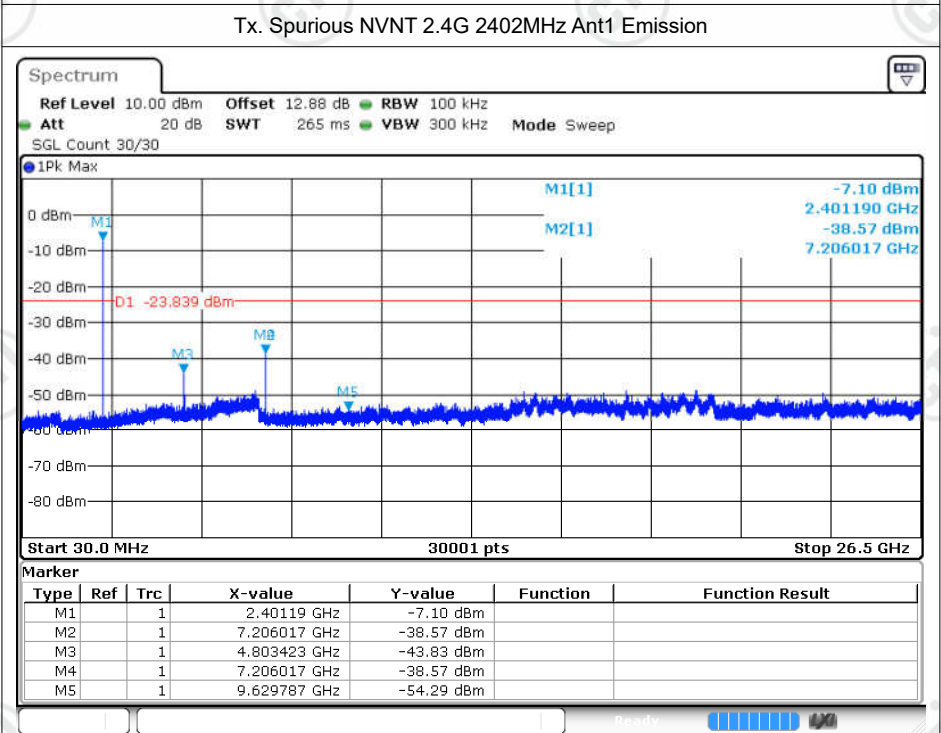
Date: 30.AUG.2023 14:37:50

Conducted RF Spurious Emission

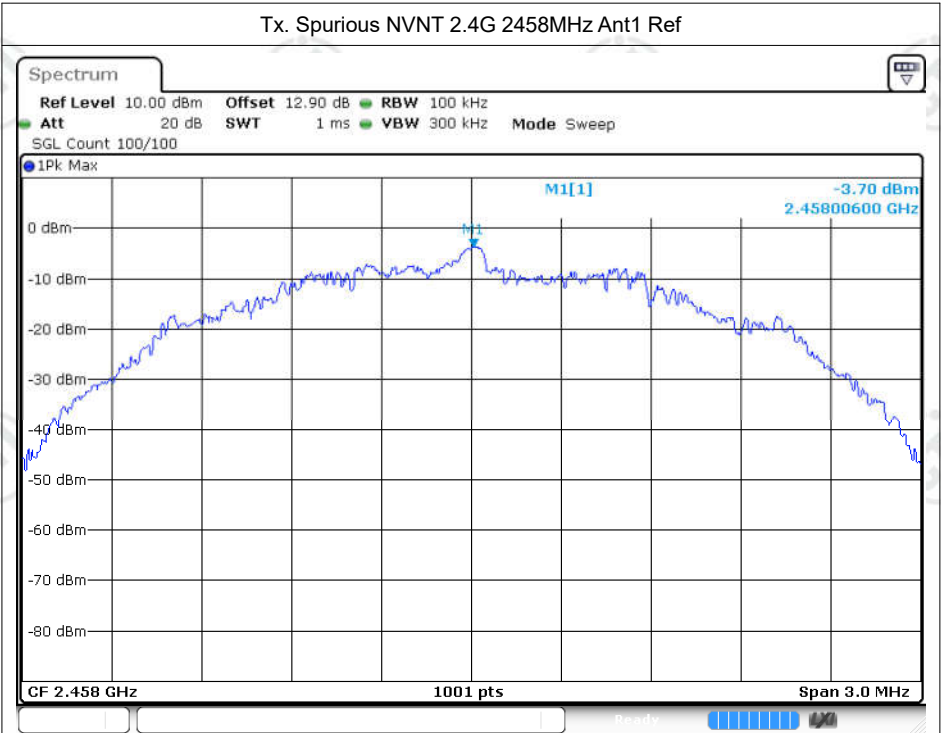
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2.4G	2402	Ant1	-34.72	-20	Pass
NVNT	2.4G	2458	Ant1	-37.26	-20	Pass
NVNT	2.4G	2480	Ant1	-36.38	-20	Pass



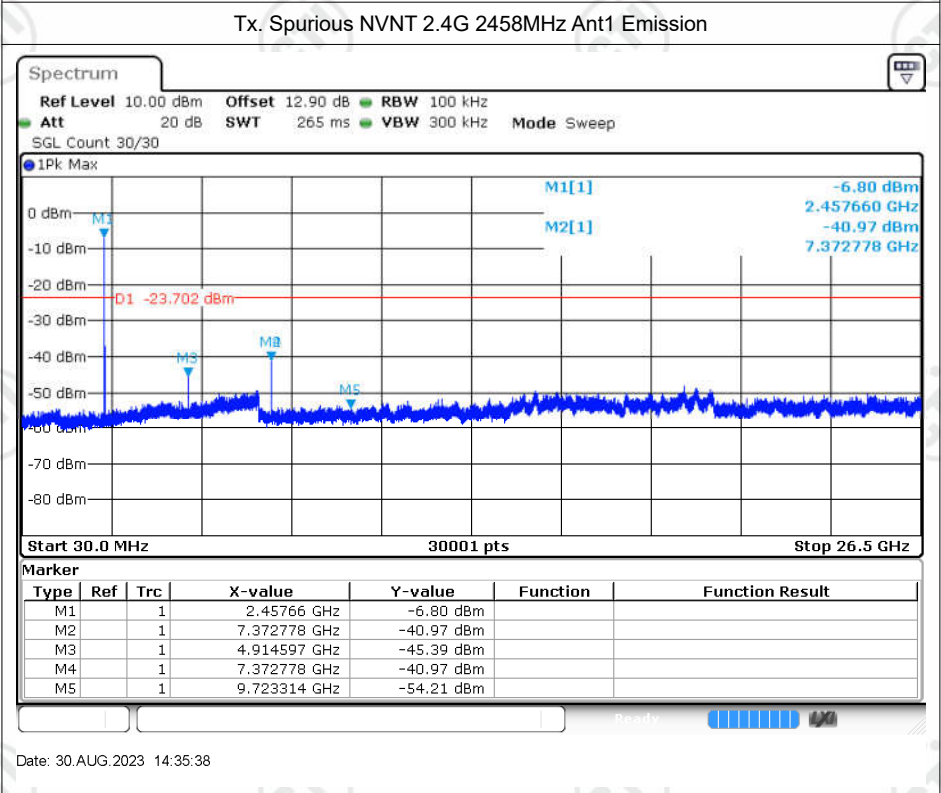
Date: 30.AUG.2023 14:28:06

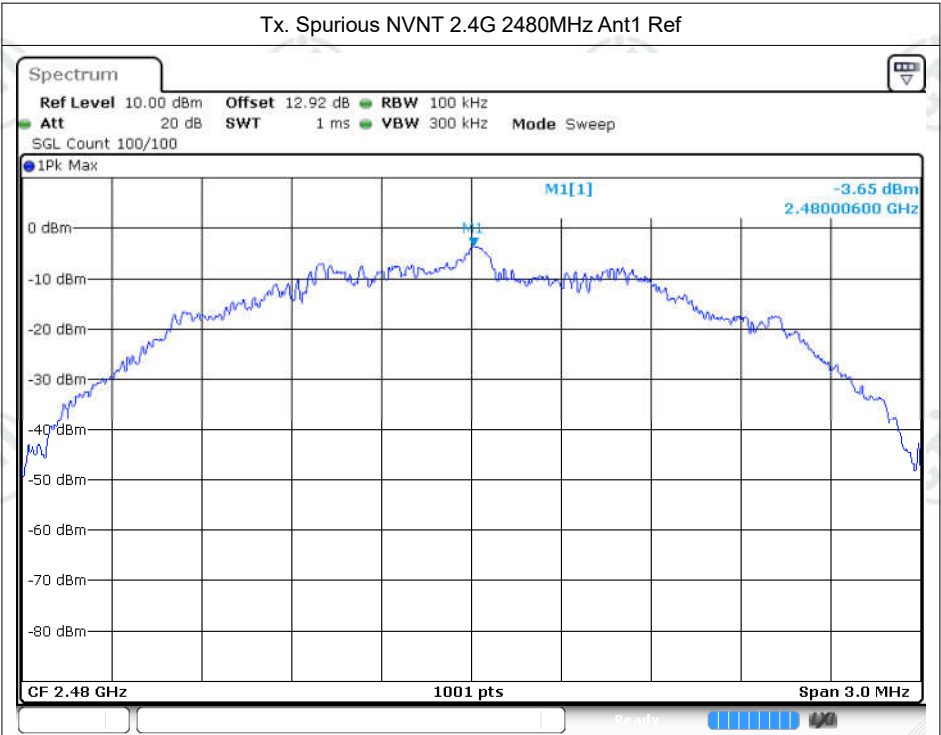


Date: 30.AUG.2023 14:28:35

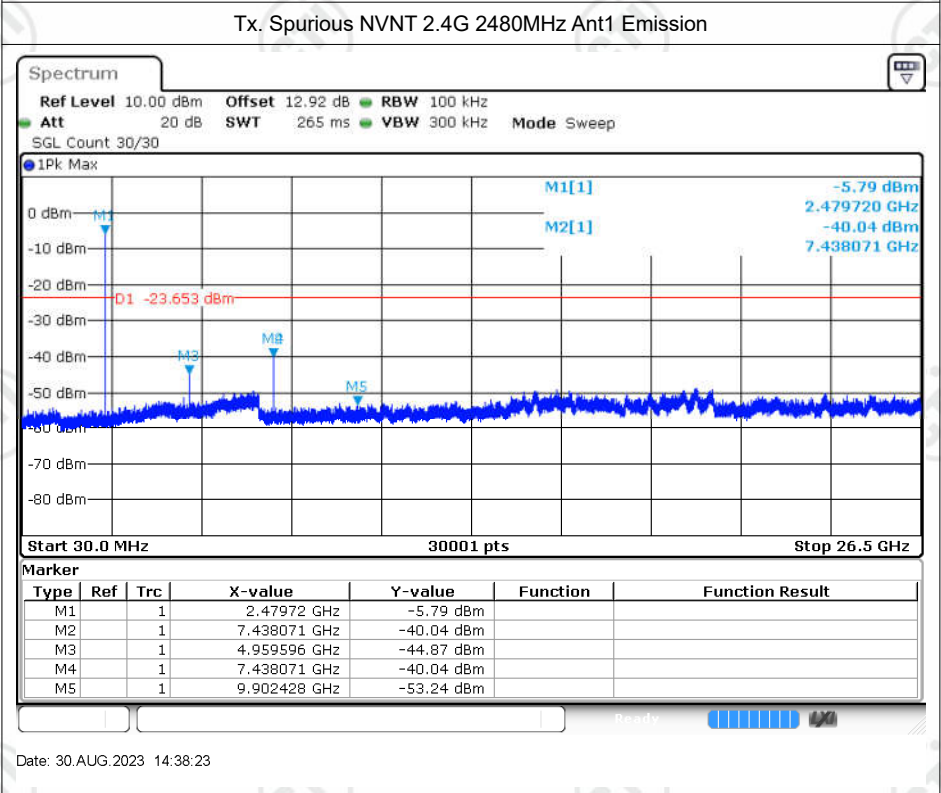


Date: 30.AUG.2023 14:35:08





Date: 30.AUG.2023 14:37:53



Date: 30.AUG.2023 14:38:23

*** End of Report ***