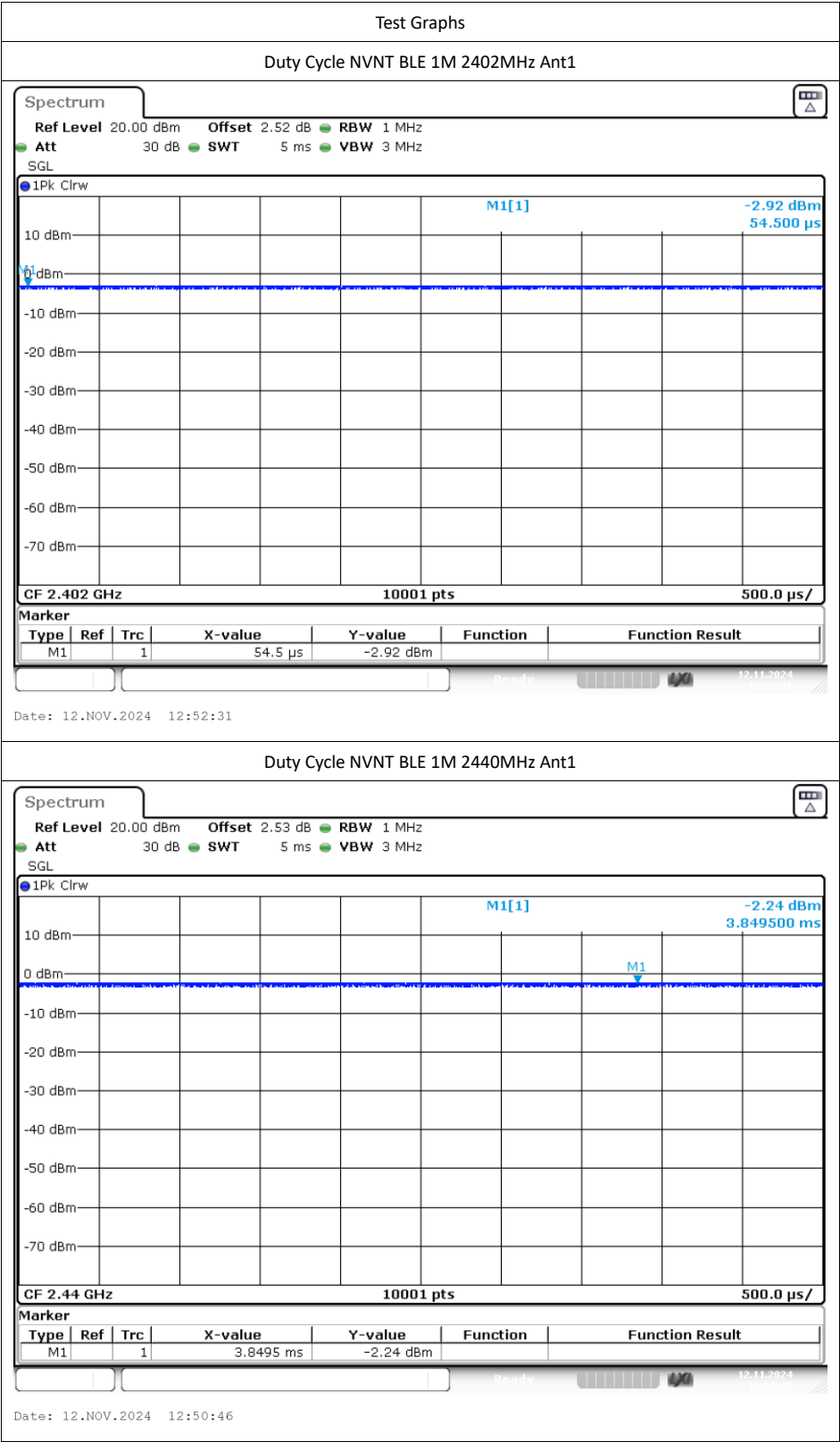
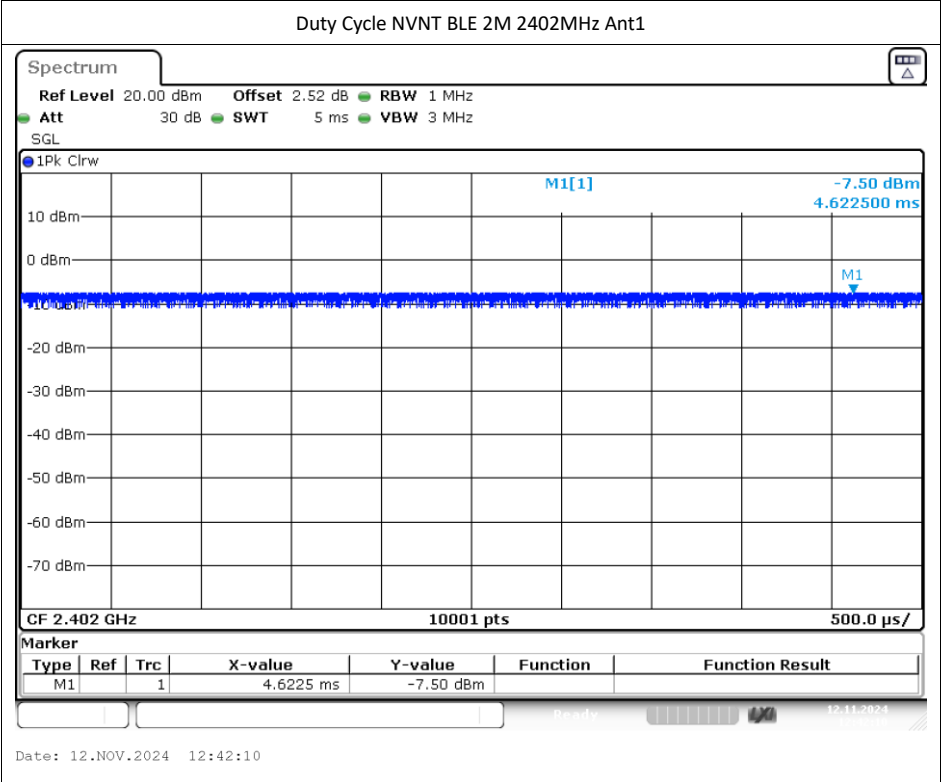
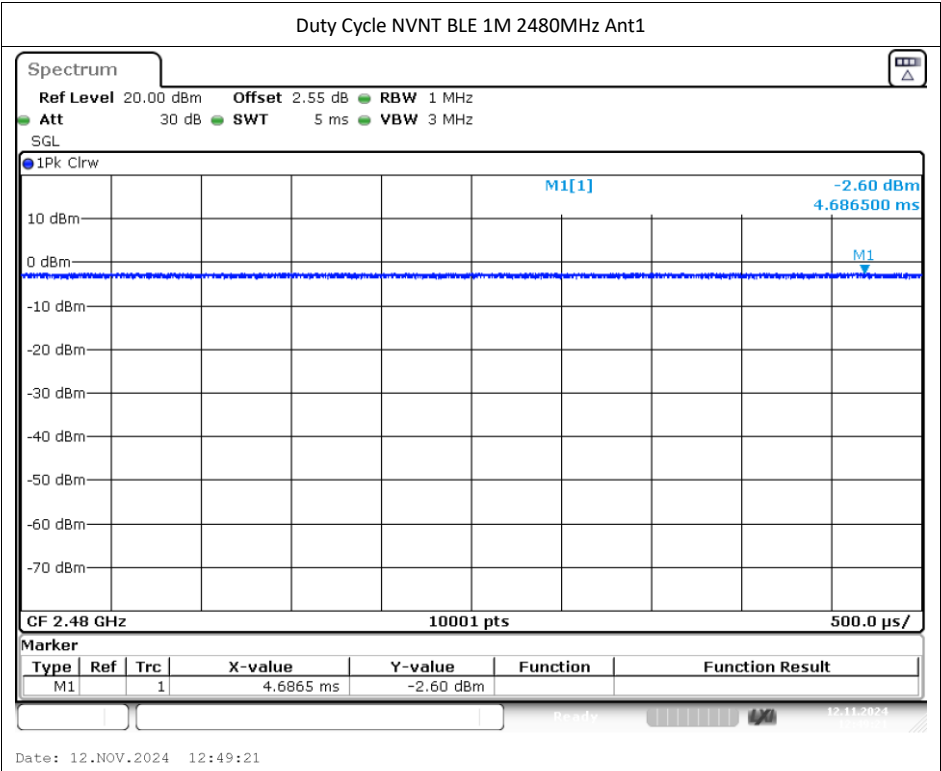


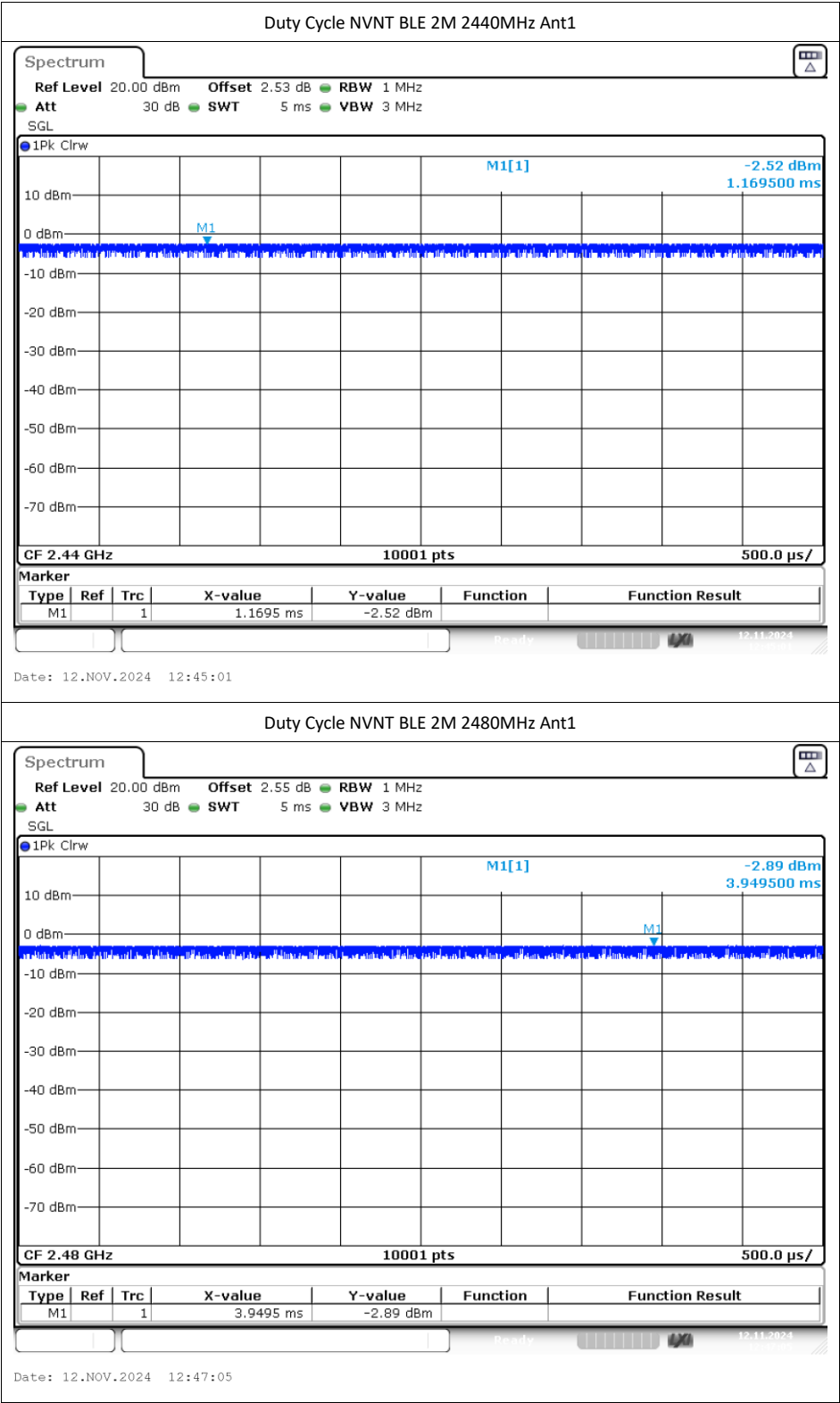
Appendix B

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Final settingFor VBW (kHz)
NVNT	BLE 1M	2402	Ant1	0	0	100	0	0	1
NVNT	BLE 1M	2440	Ant1	0	0	100	0	0	1
NVNT	BLE 1M	2480	Ant1	0	0	100	0	0	1
NVNT	BLE 2M	2402	Ant1	0	0	100	0	0	1
NVNT	BLE 2M	2440	Ant1	0	0	100	0	0	1
NVNT	BLE 2M	2480	Ant1	0	0	100	0	0	1



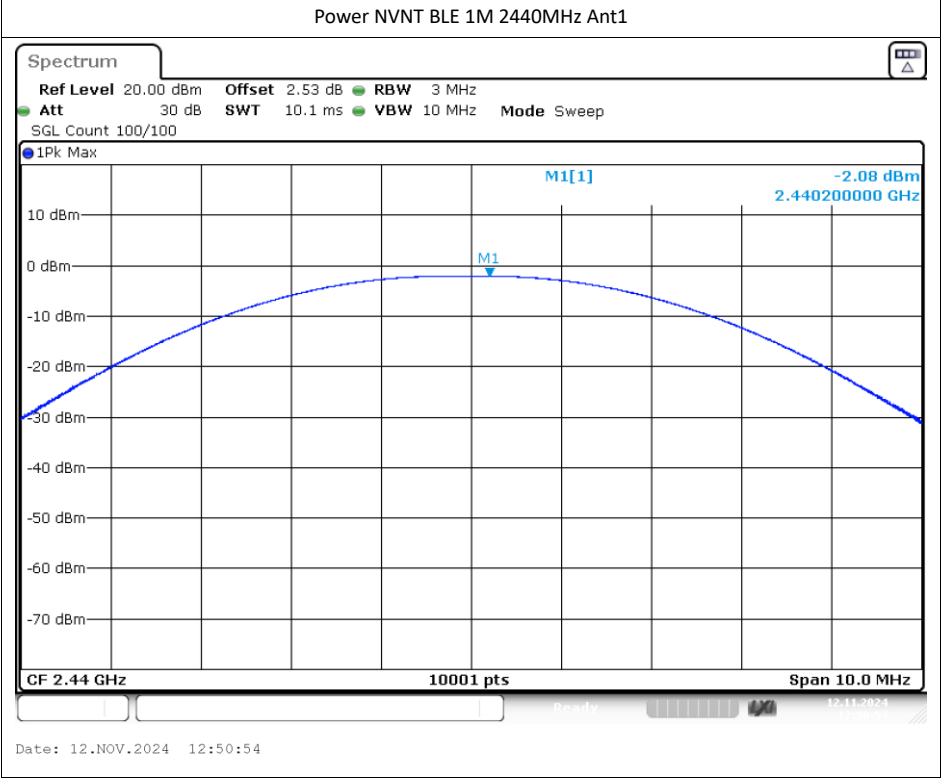
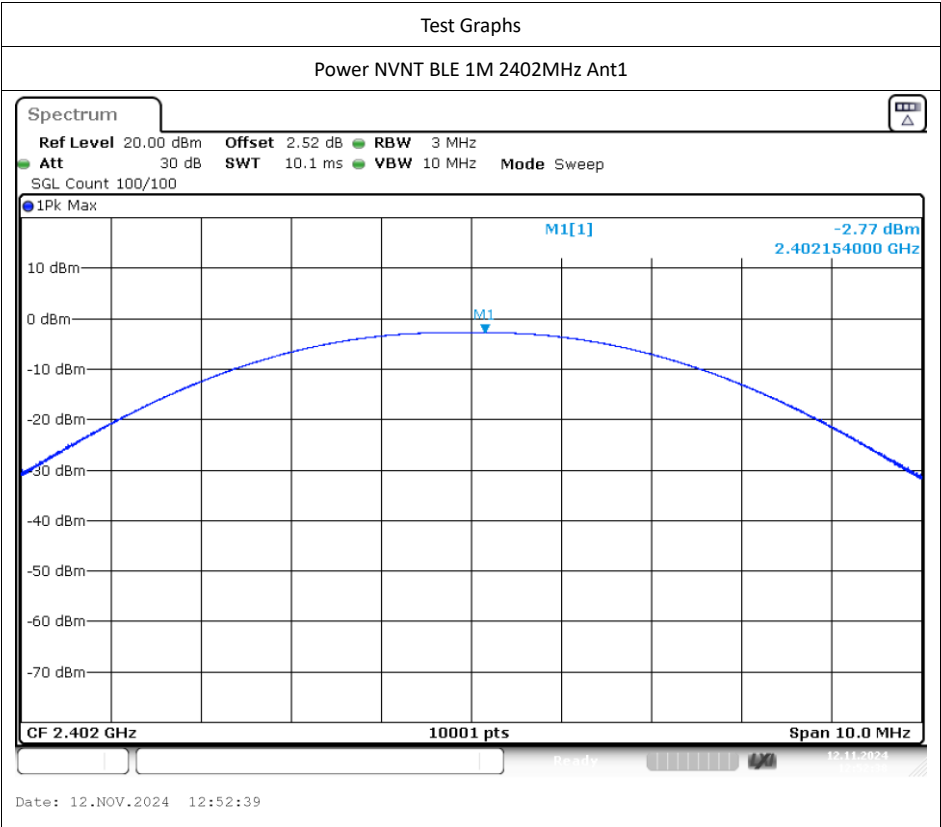


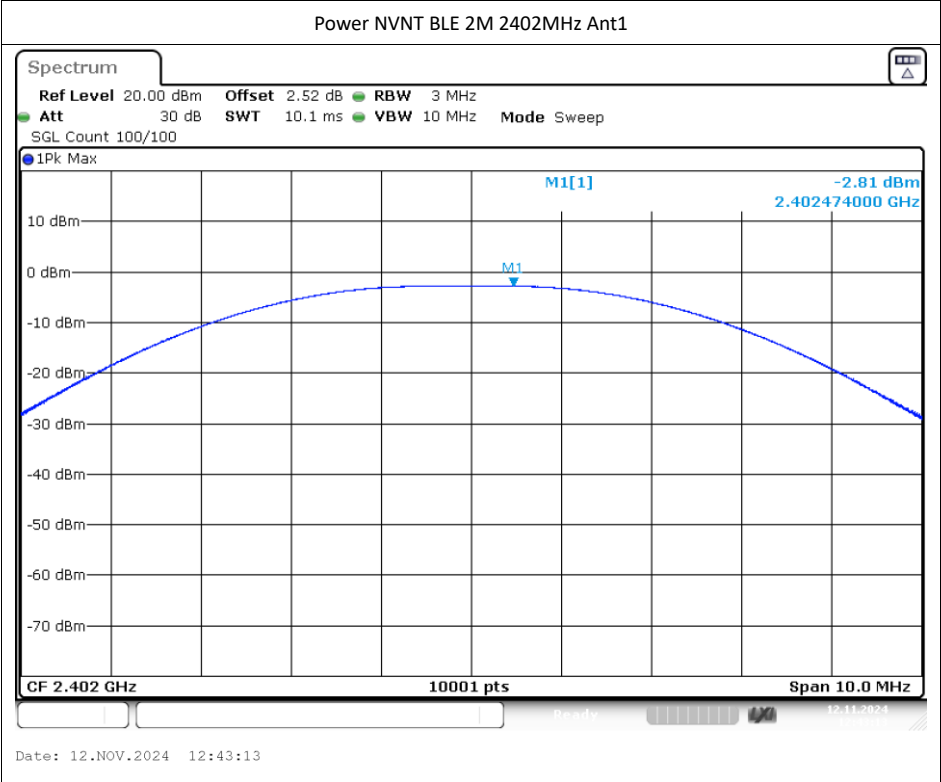
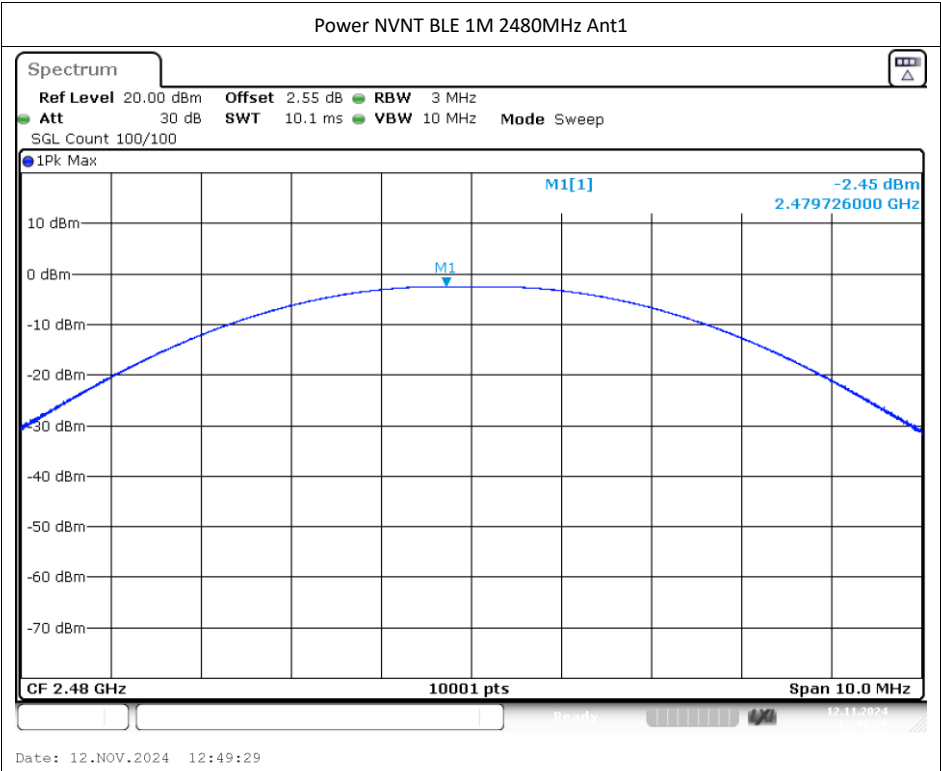


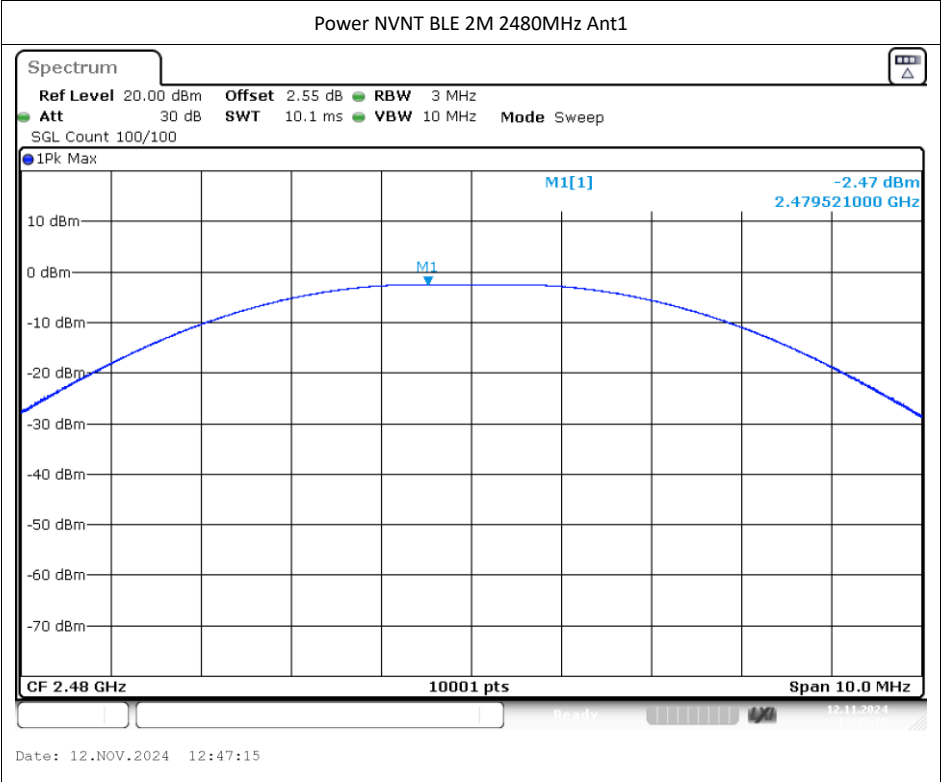
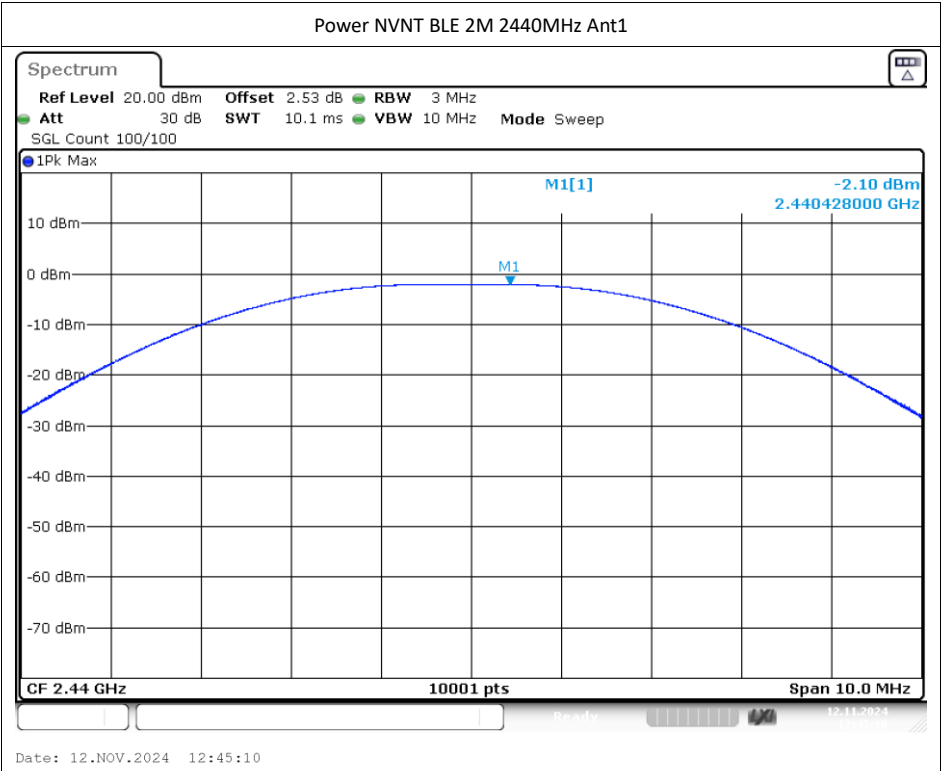
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-2.77	0	-2.77	30	Pass
NVNT	BLE 1M	2440	Ant1	-2.08	0	-2.08	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.45	0	-2.45	30	Pass
NVNT	BLE 2M	2402	Ant1	-2.81	0	-2.81	30	Pass
NVNT	BLE 2M	2440	Ant1	-2.1	0	-2.1	30	Pass
NVNT	BLE 2M	2480	Ant1	-2.47	0	-2.47	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Conducted Power (dBm)	Antenna Gain (dBi)	E.i.r.p. (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-2.77	0	-2.77	2.87	0.1	36.02	Pass
NVNT	BLE 1M	2440	Ant1	-2.08	0	-2.08	2.87	0.79	36.02	Pass
NVNT	BLE 1M	2480	Ant1	-2.45	0	-2.45	2.87	0.42	36.02	Pass
NVNT	BLE 2M	2402	Ant1	-2.81	0	-2.81	2.87	0.06	36.02	Pass
NVNT	BLE 2M	2440	Ant1	-2.1	0	-2.1	2.87	0.77	36.02	Pass
NVNT	BLE 2M	2480	Ant1	-2.47	0	-2.47	2.87	0.4	36.02	Pass





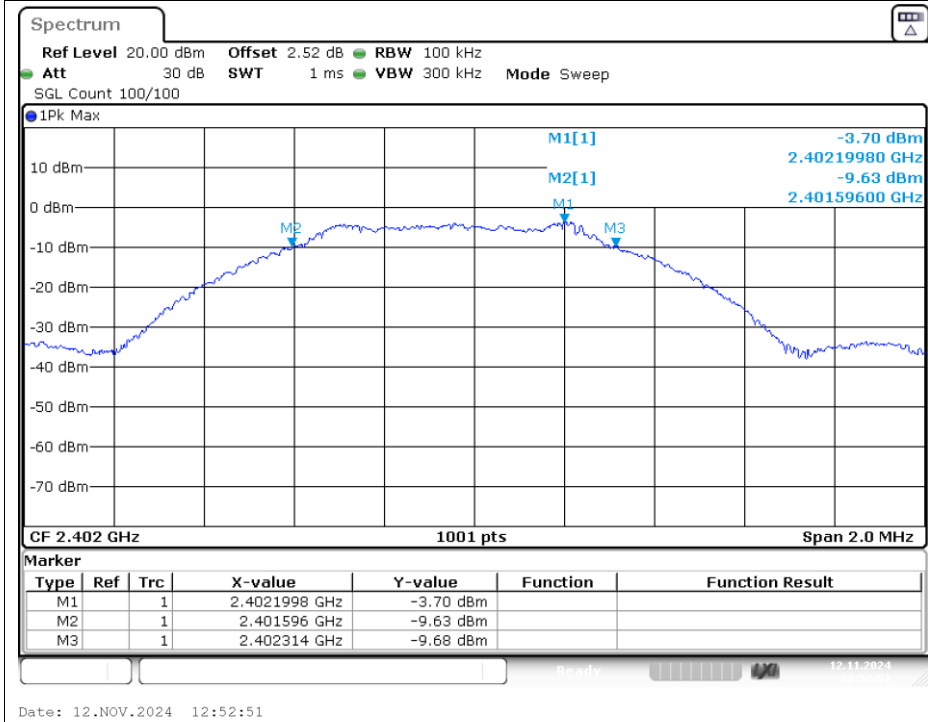


-6dB Bandwidth

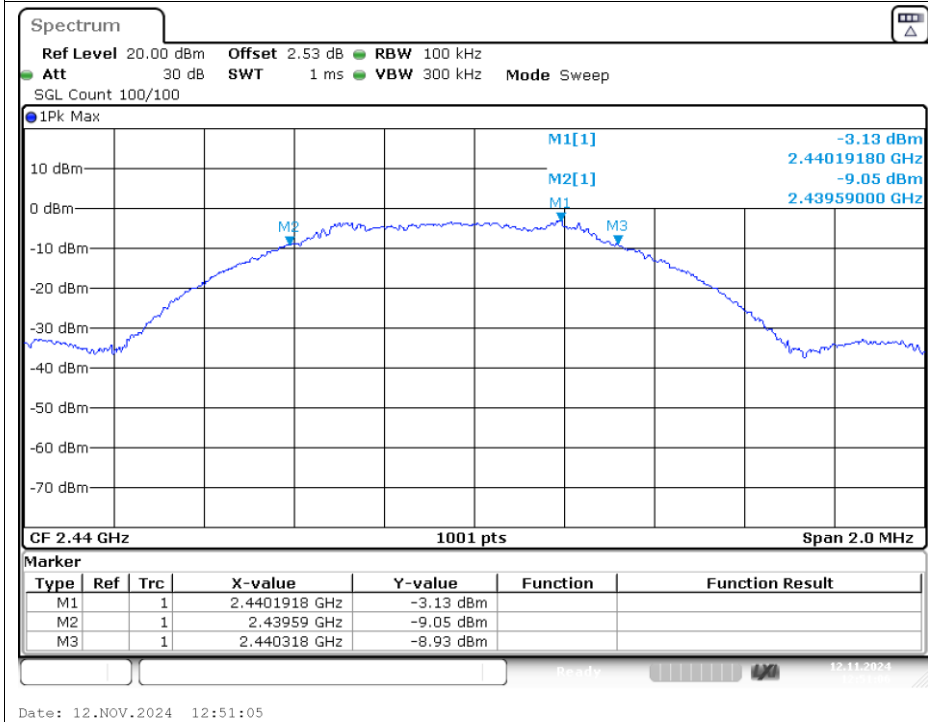
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.72	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.73	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.72	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.38	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.39	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.39	0.5	Pass

Test Graphs

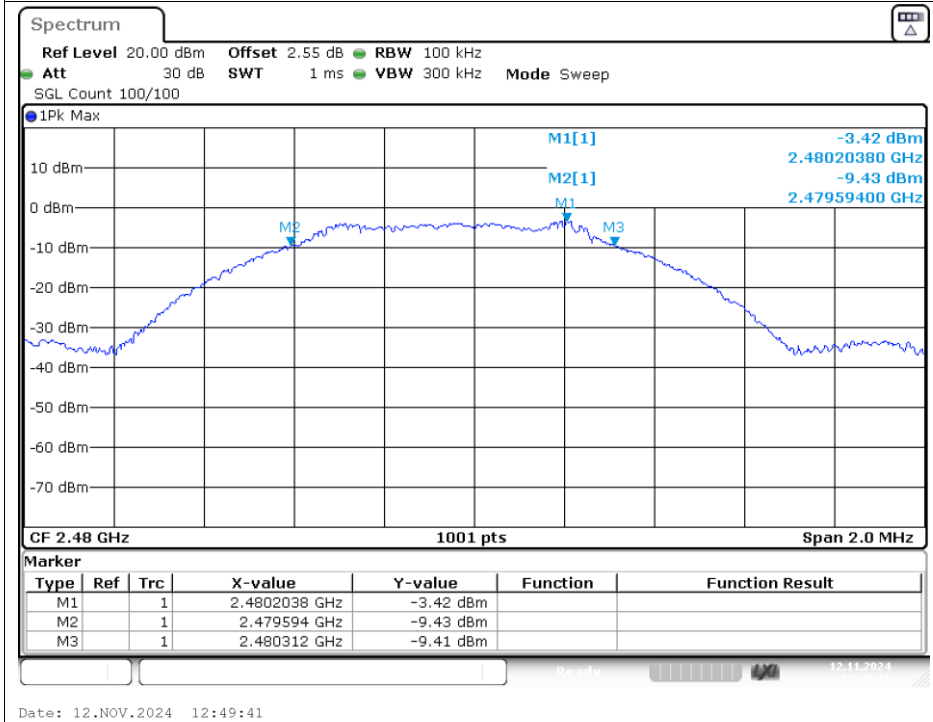
-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



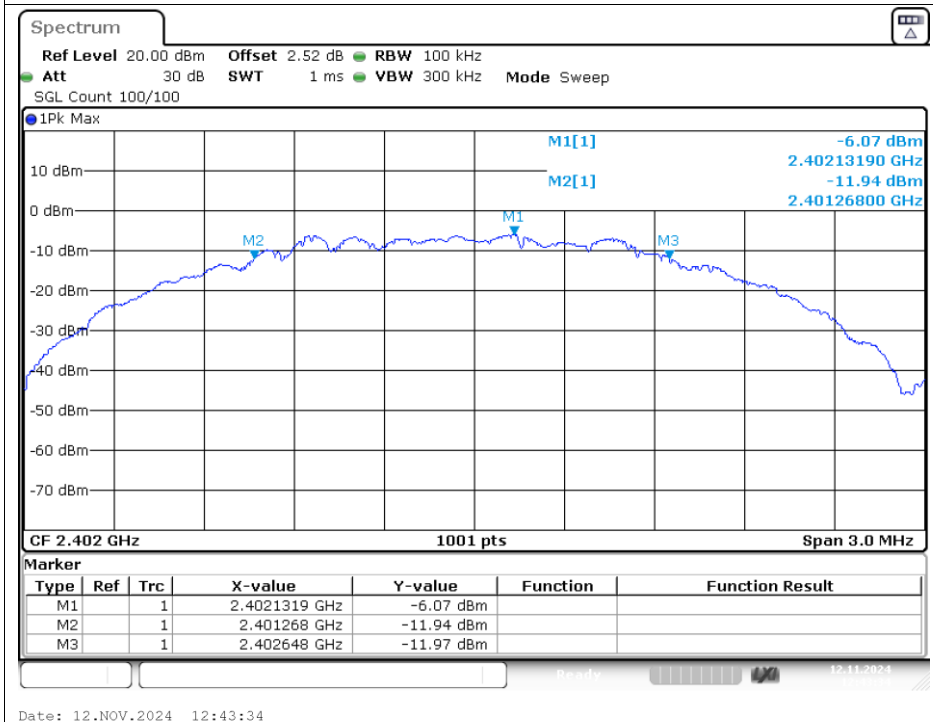
-6dB Bandwidth NVNT BLE 1M 2440MHz Ant1



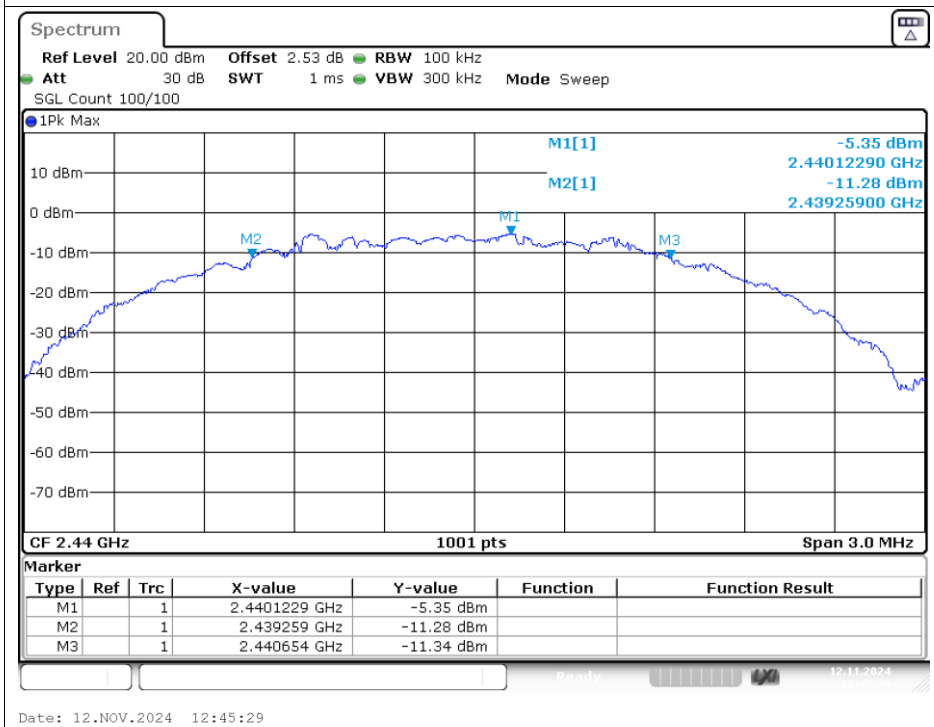
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



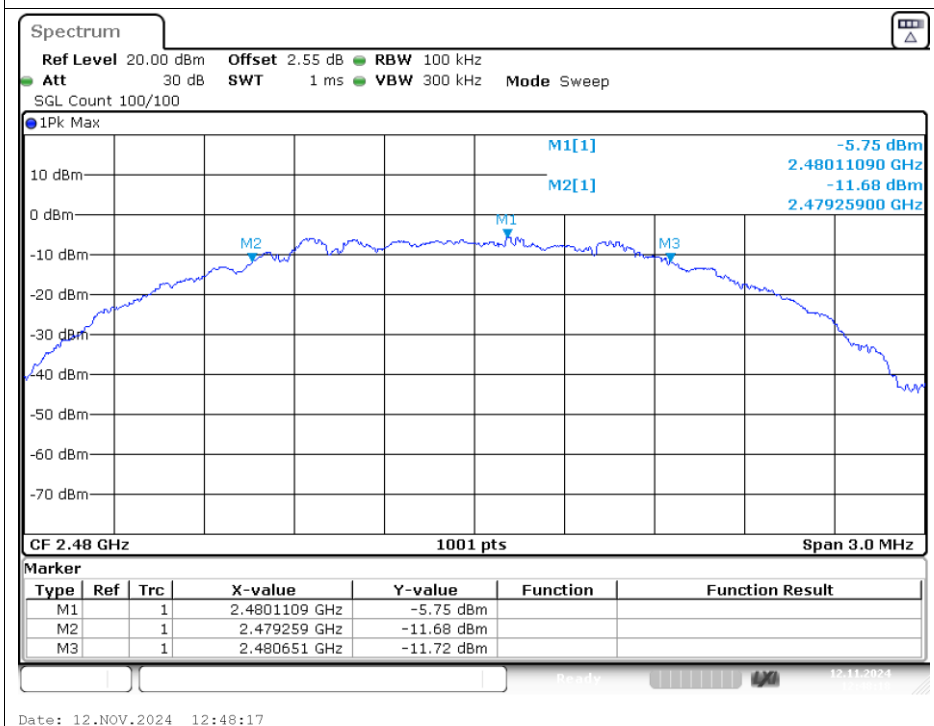
-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1

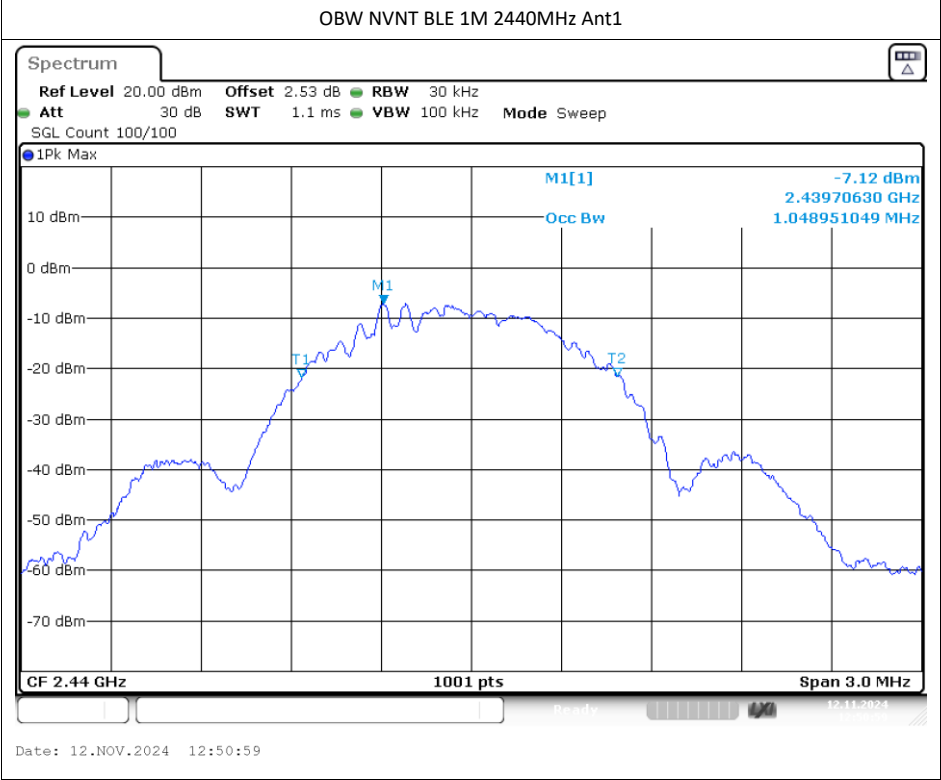
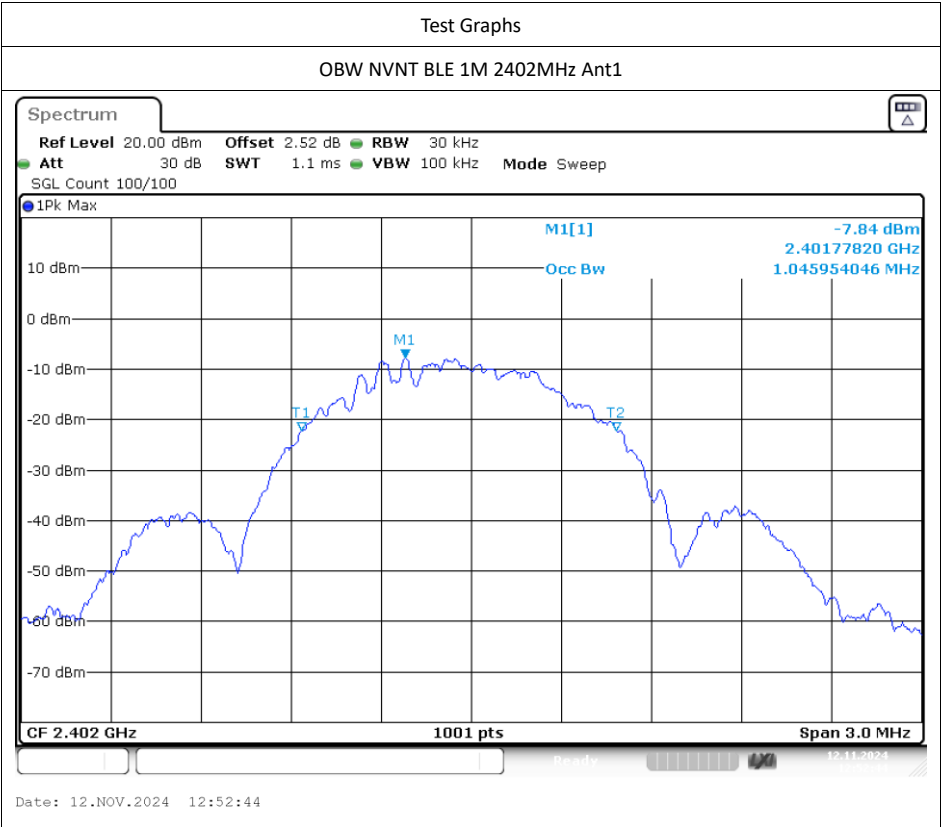


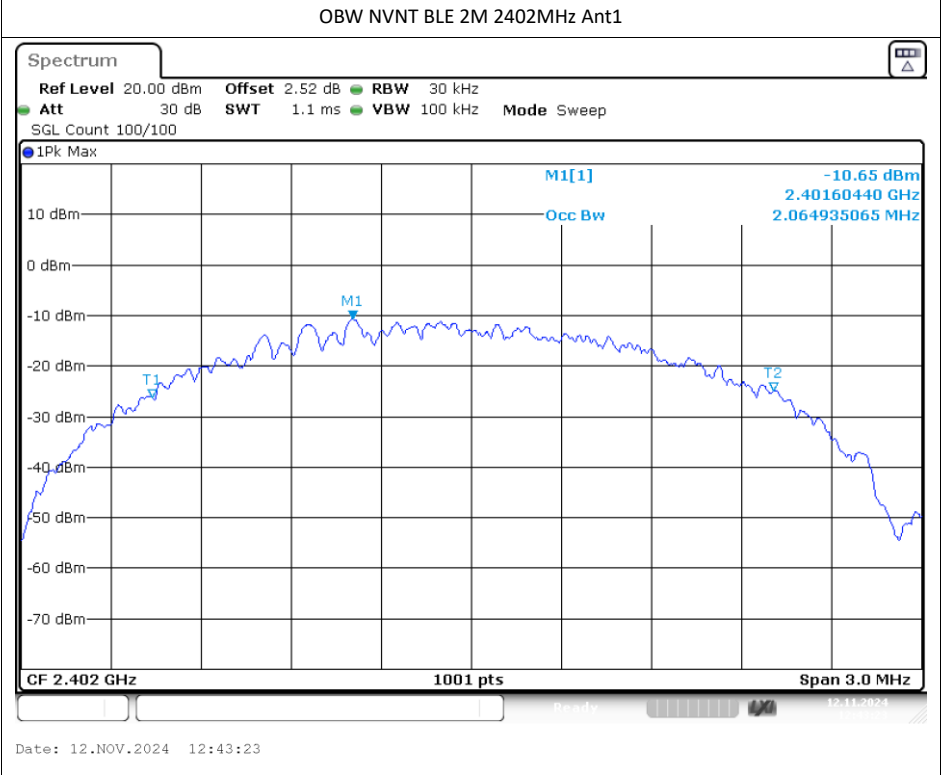
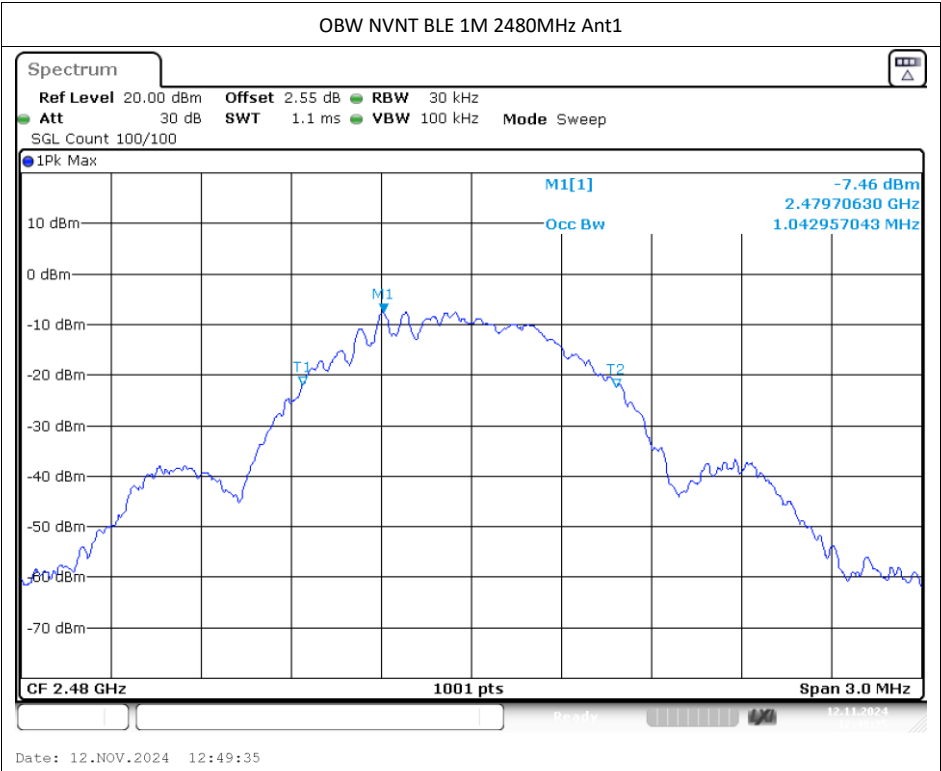
-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1

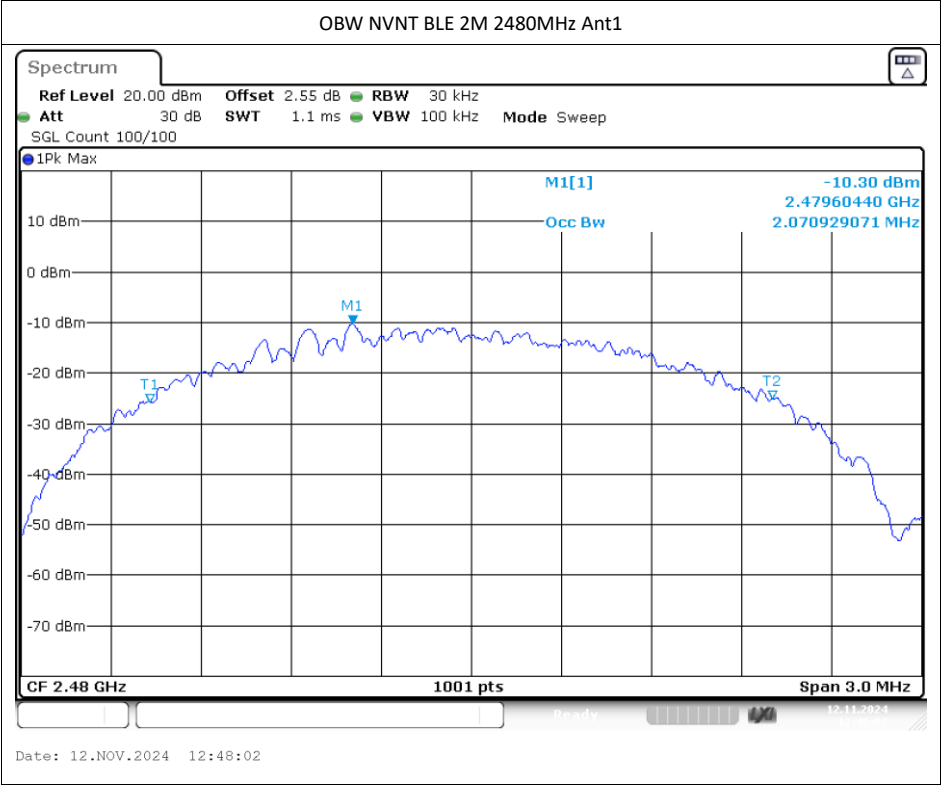
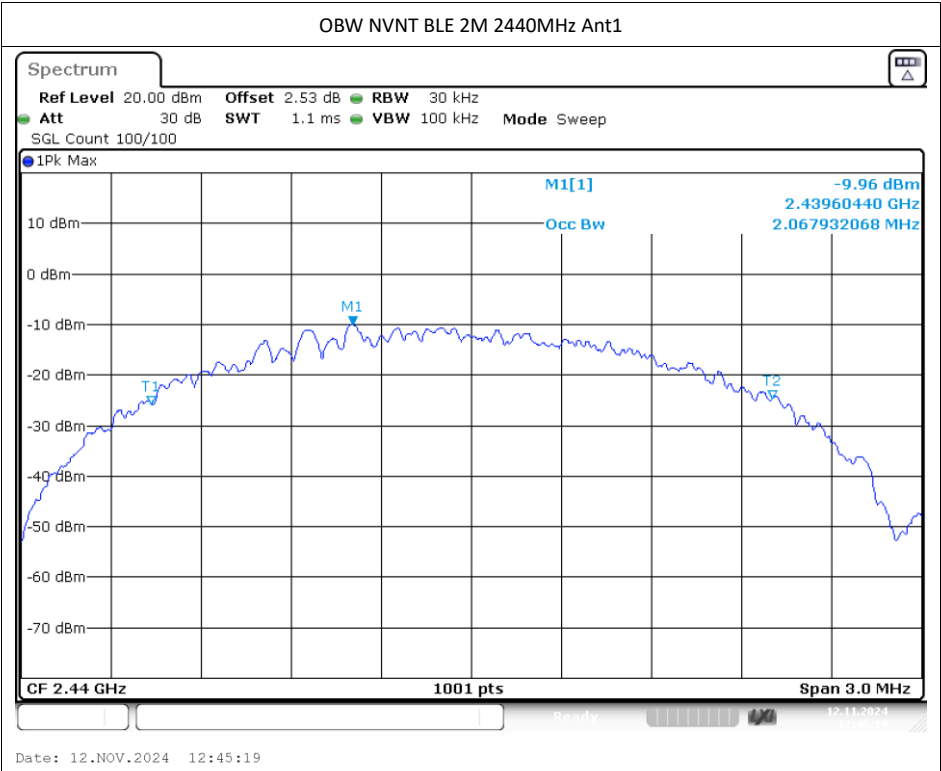


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.046
NVNT	BLE 1M	2440	Ant1	1.049
NVNT	BLE 1M	2480	Ant1	1.043
NVNT	BLE 2M	2402	Ant1	2.065
NVNT	BLE 2M	2440	Ant1	2.068
NVNT	BLE 2M	2480	Ant1	2.071

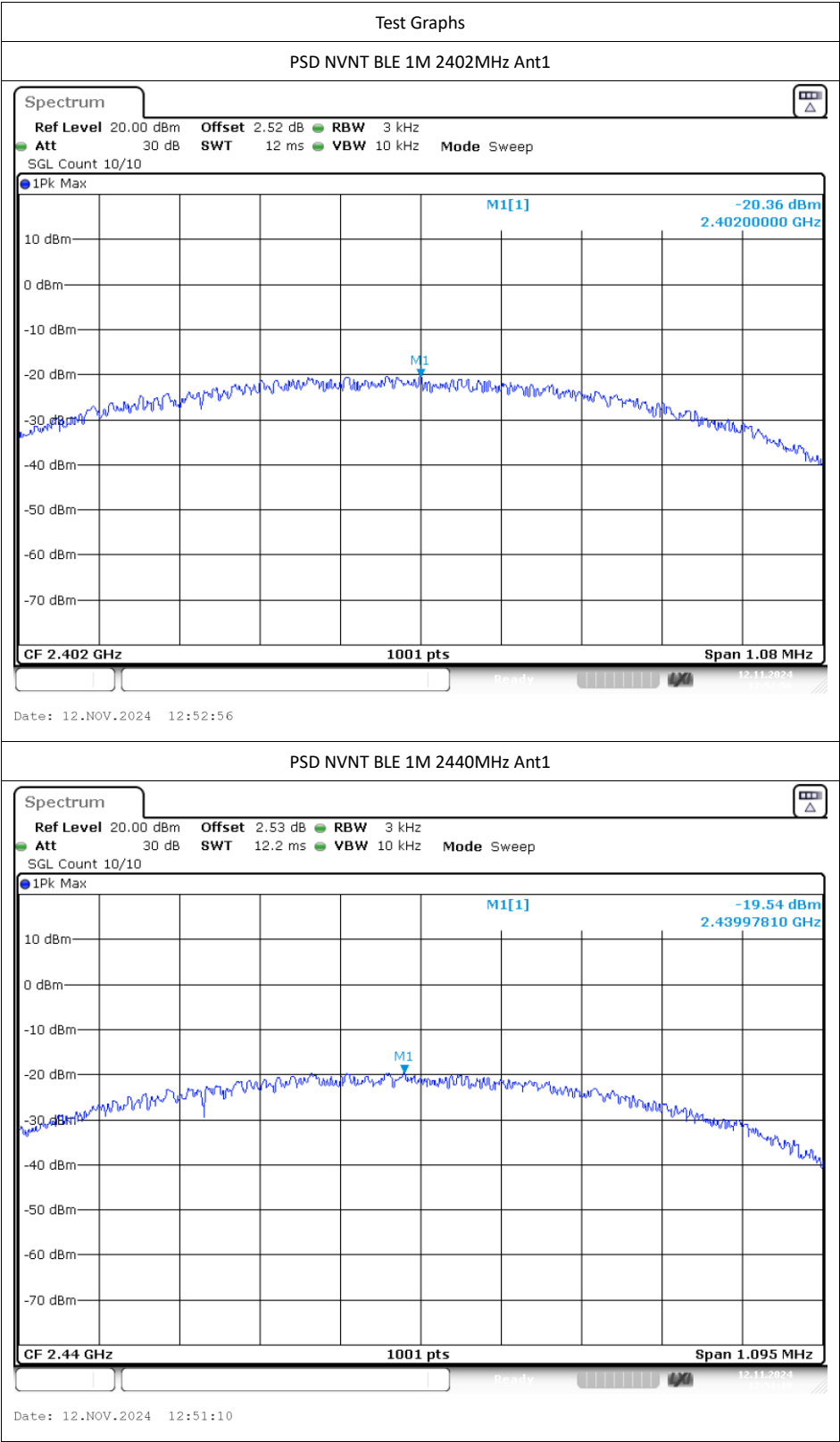


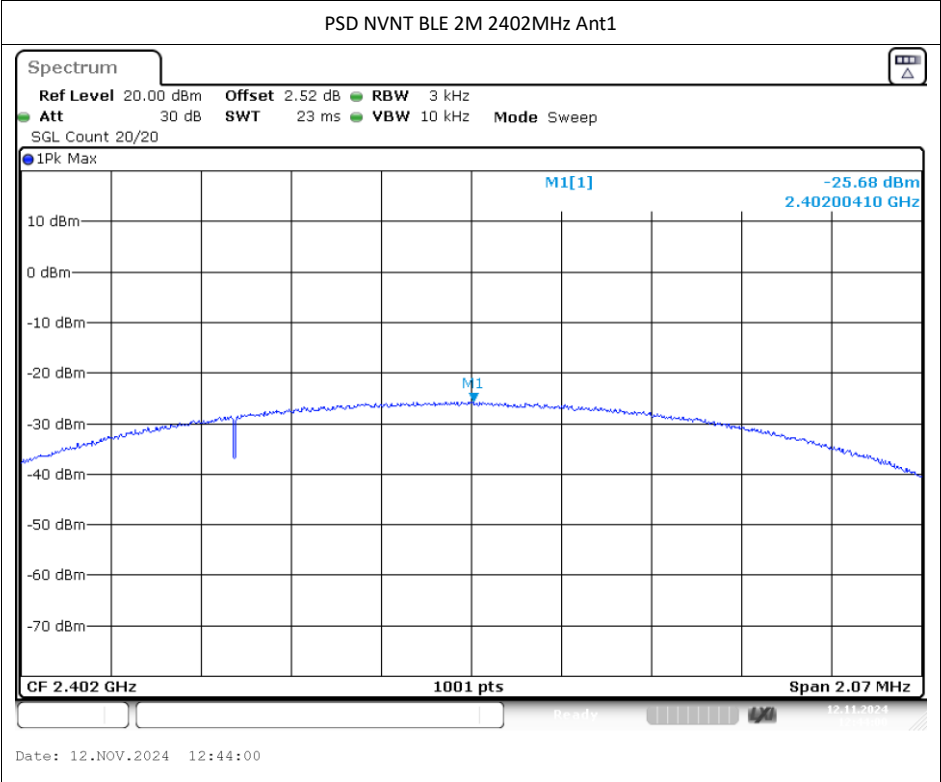
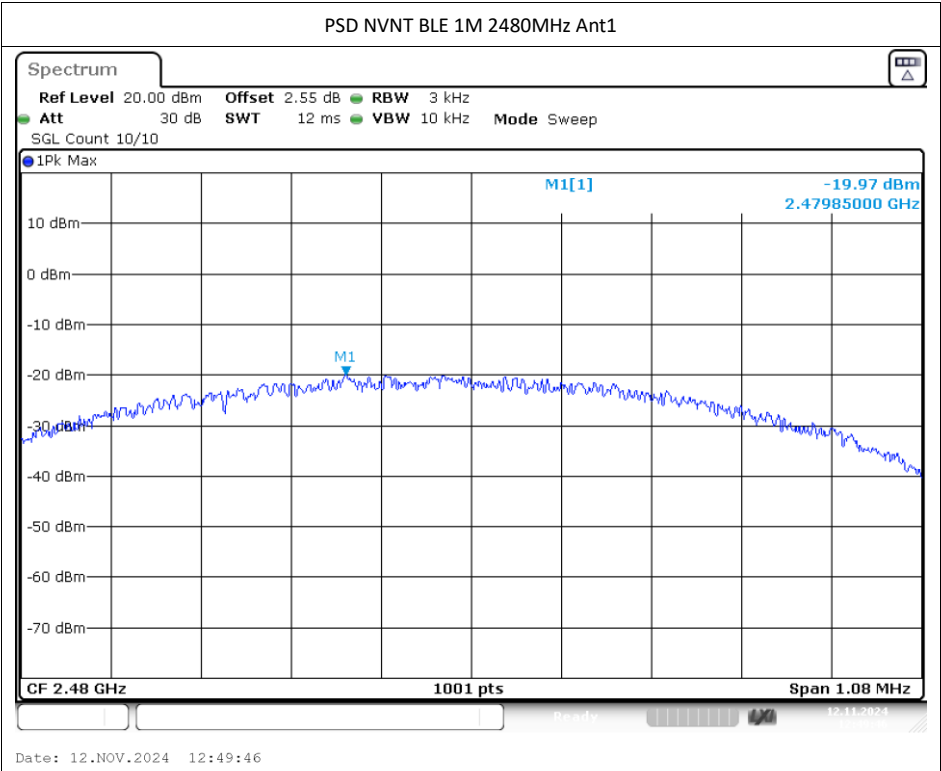


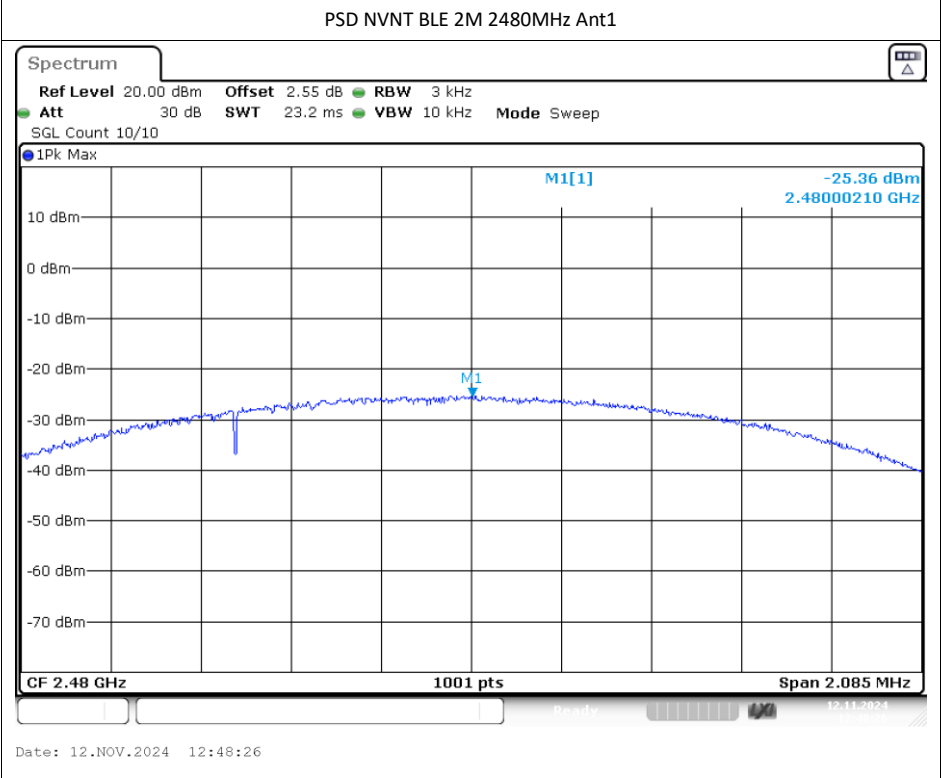
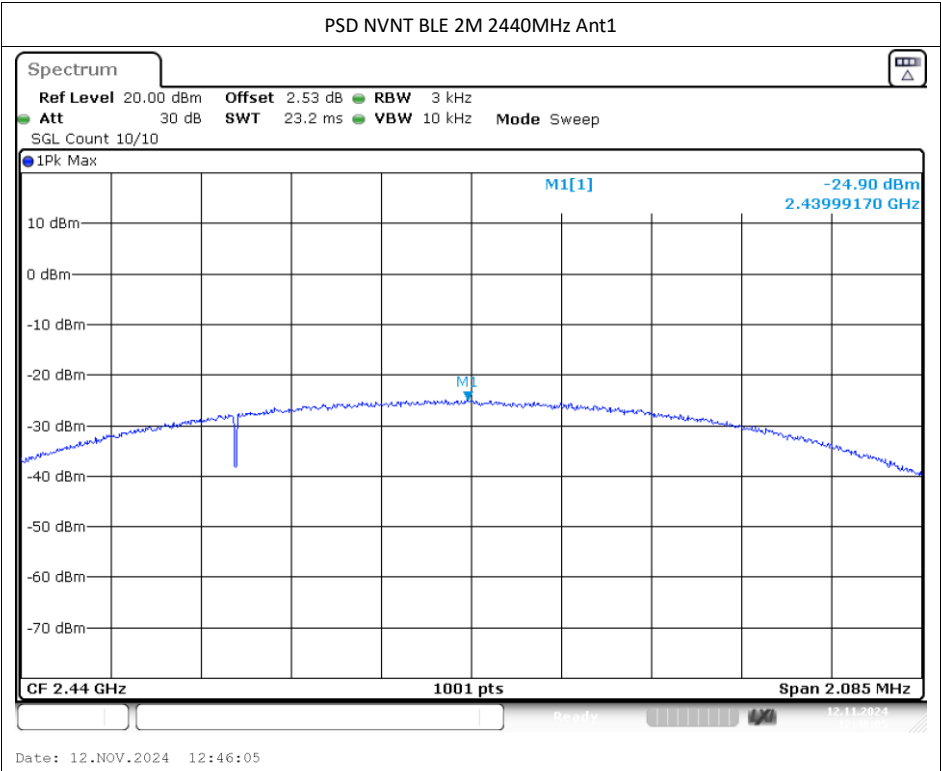


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-20.36	0	-20.36	8	Pass
NVNT	BLE 1M	2440	Ant1	-19.54	0	-19.54	8	Pass
NVNT	BLE 1M	2480	Ant1	-19.97	0	-19.97	8	Pass
NVNT	BLE 2M	2402	Ant1	-25.68	0	-25.68	8	Pass
NVNT	BLE 2M	2440	Ant1	-24.9	0	-24.9	8	Pass
NVNT	BLE 2M	2480	Ant1	-25.36	0	-25.36	8	Pass

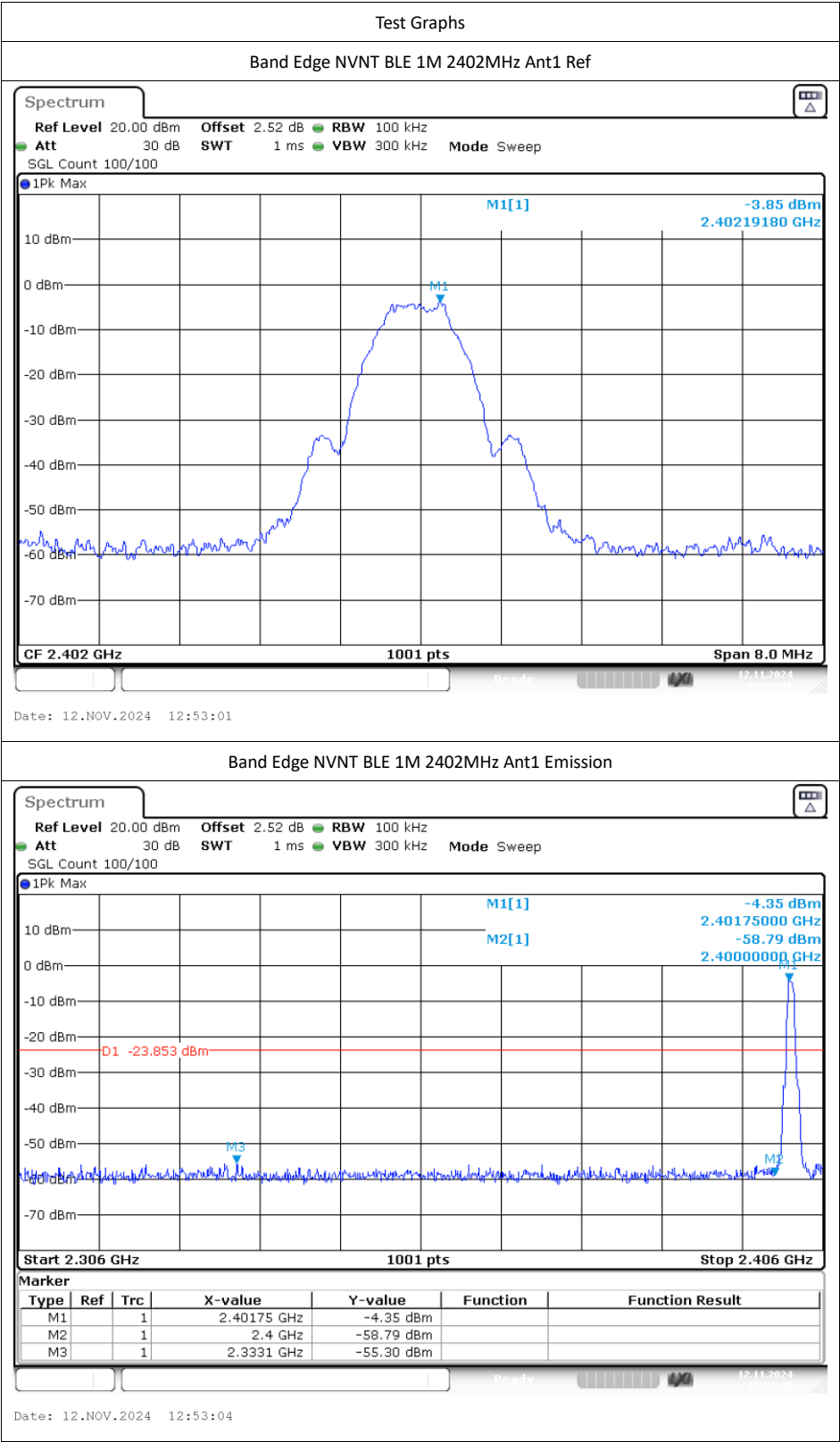


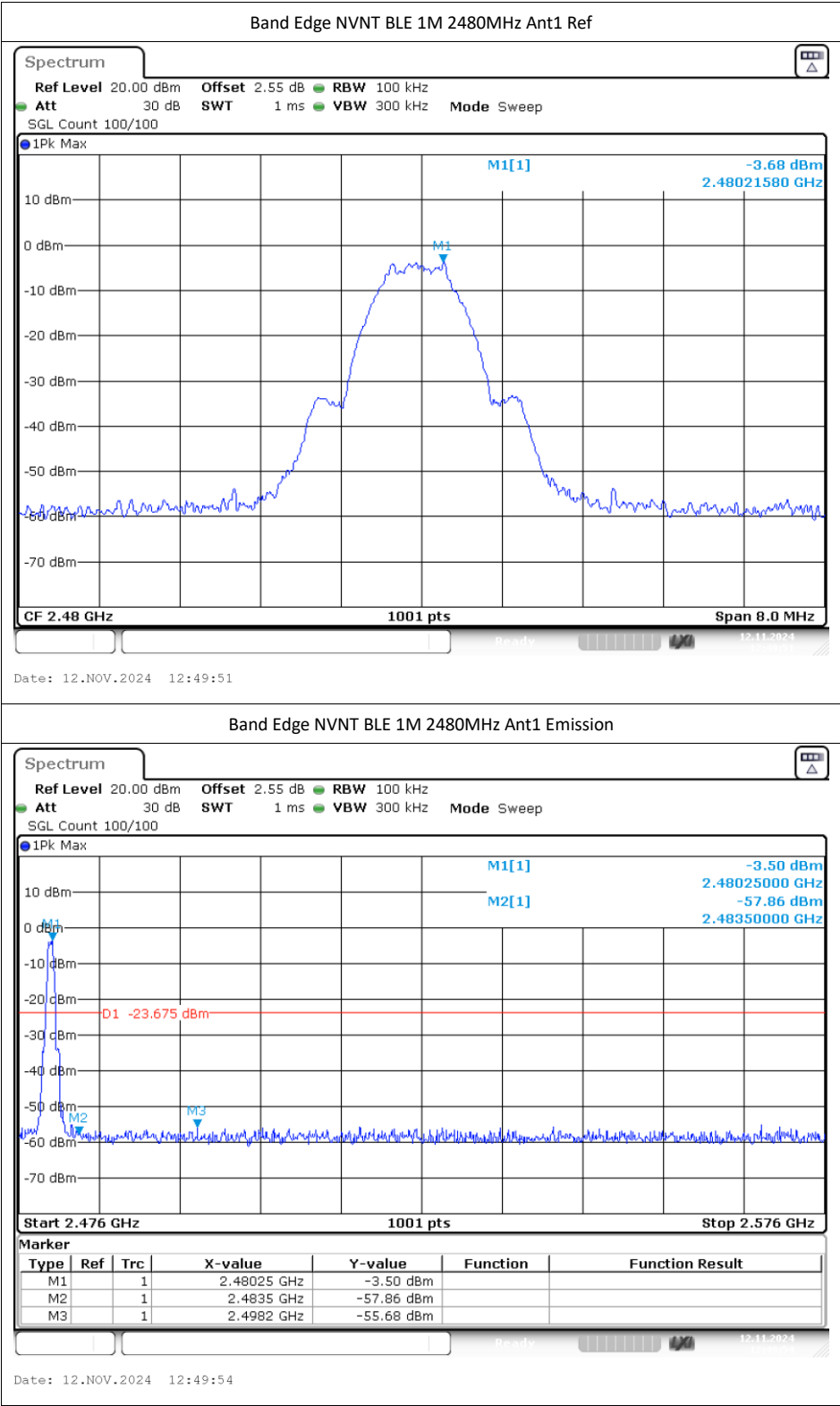




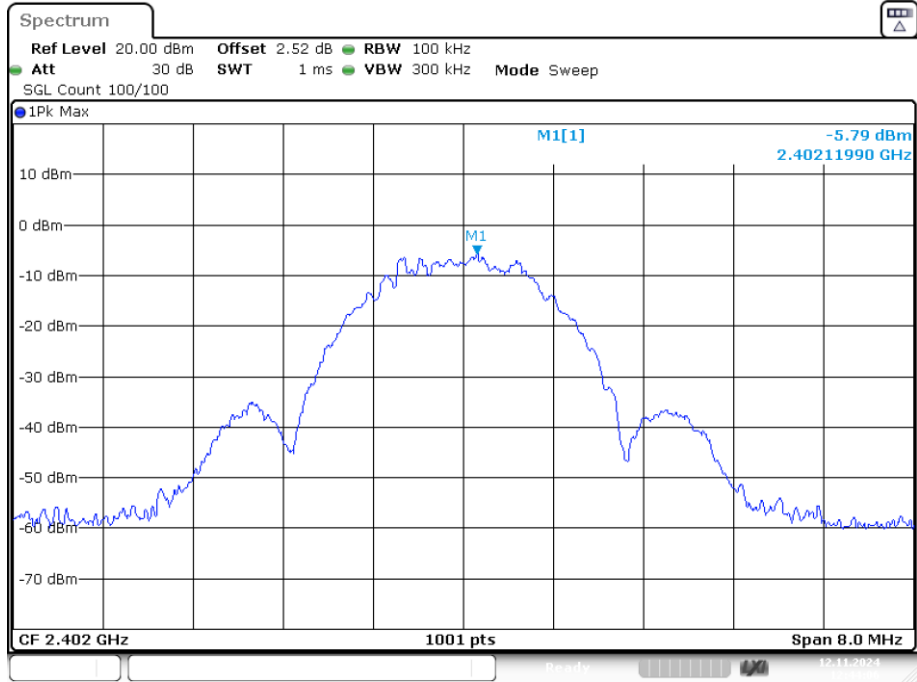
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-51.45	-20	Pass
NVNT	BLE 1M	2480	Ant1	-52	-20	Pass
NVNT	BLE 2M	2402	Ant1	-31.32	-20	Pass
NVNT	BLE 2M	2480	Ant1	-50.05	-20	Pass

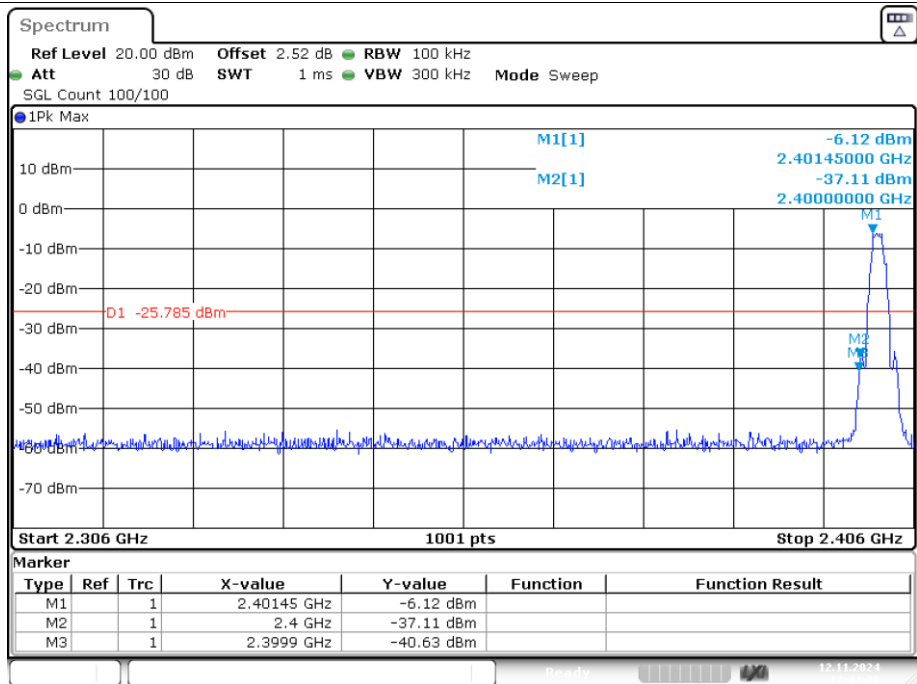


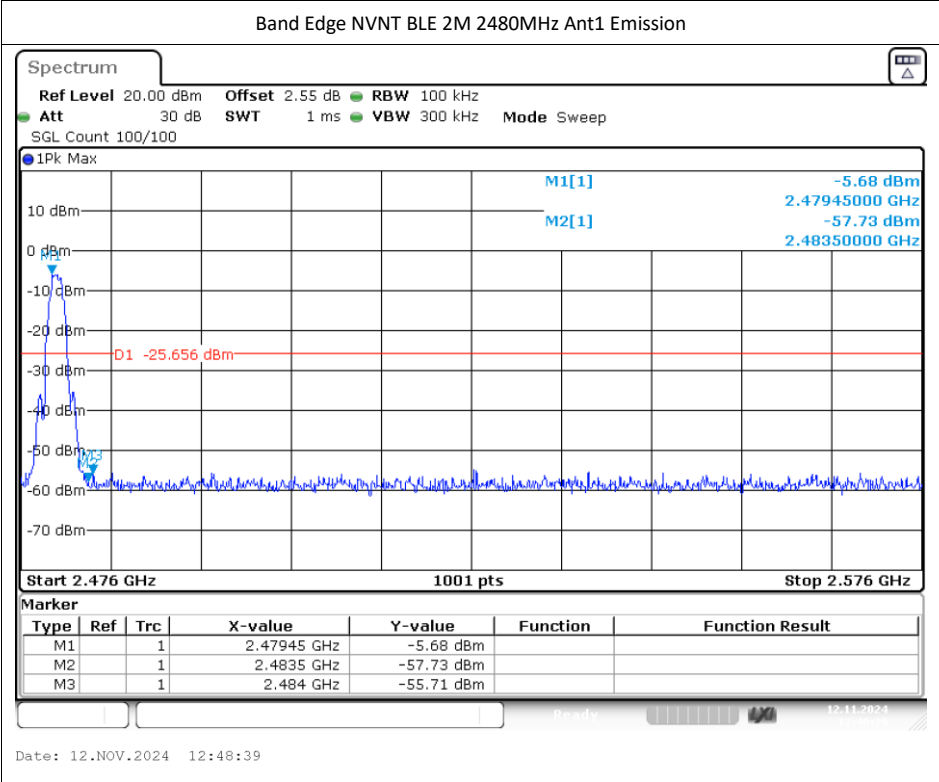
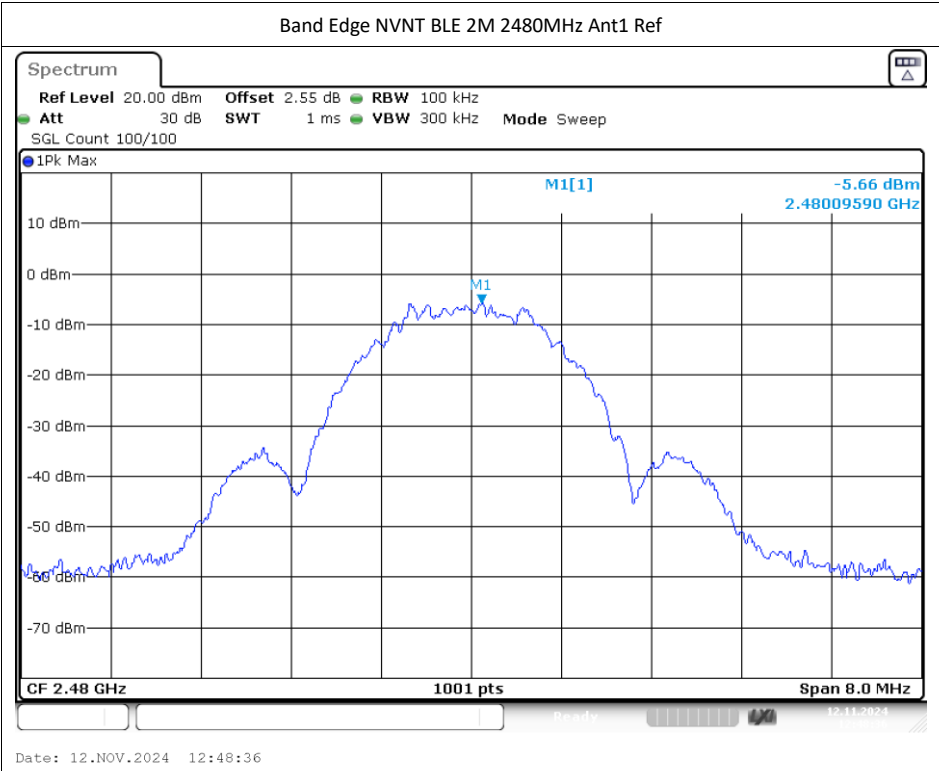


Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Band Edge NVNT BLE 2M 2402MHz Ant1 Emission





Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.24	-20	Pass
NVNT	BLE 1M	2440	Ant1	-46.33	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.49	-20	Pass
NVNT	BLE 2M	2402	Ant1	-43.35	-20	Pass
NVNT	BLE 2M	2440	Ant1	-44.46	-20	Pass
NVNT	BLE 2M	2480	Ant1	-43.59	-20	Pass

