

Appendix: Bluetooth LE

Contents

Duty Cycle3

Maximum Peak Conducted Output Power6

-6dB Bandwidth9

Occupied Channel Bandwidth12

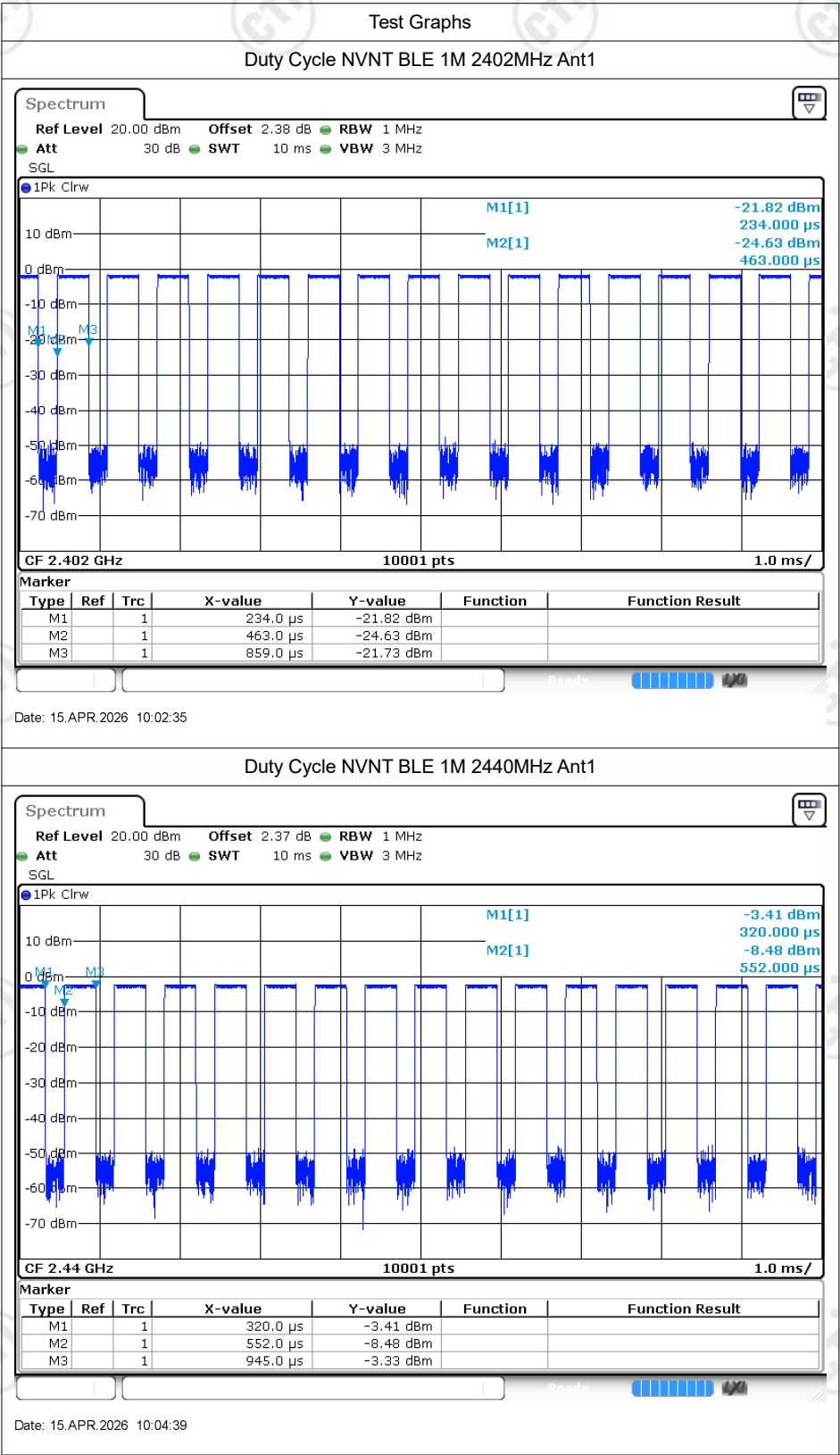
Maximum Power Spectral Density Level15

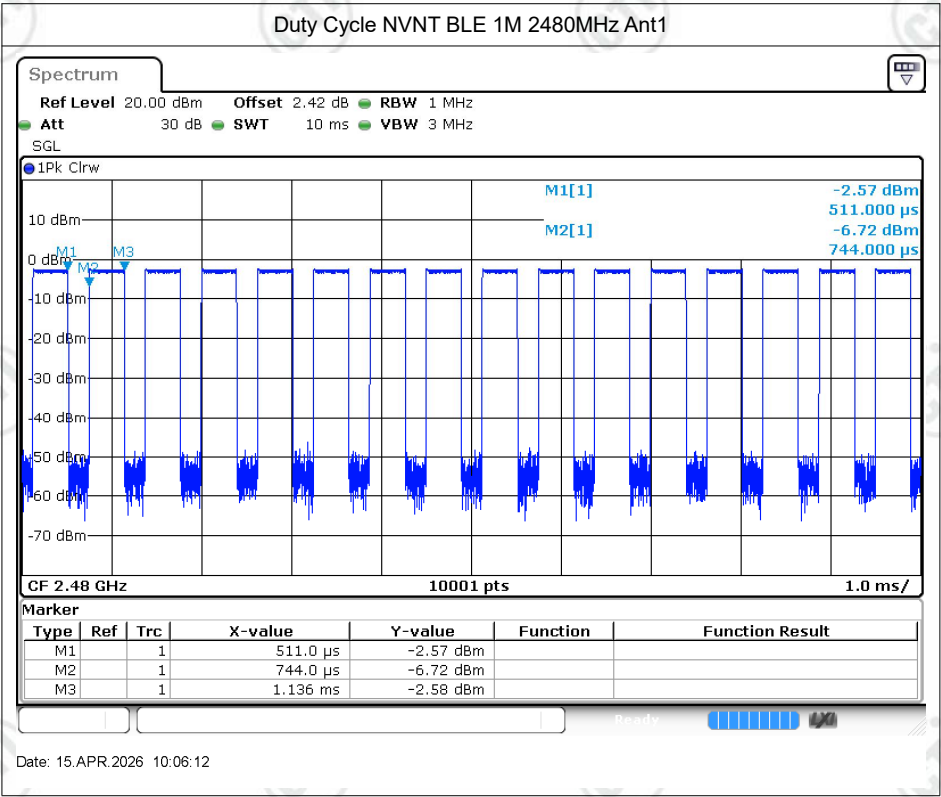
Band Edge18

Conducted RF Spurious Emission21

Duty Cycle

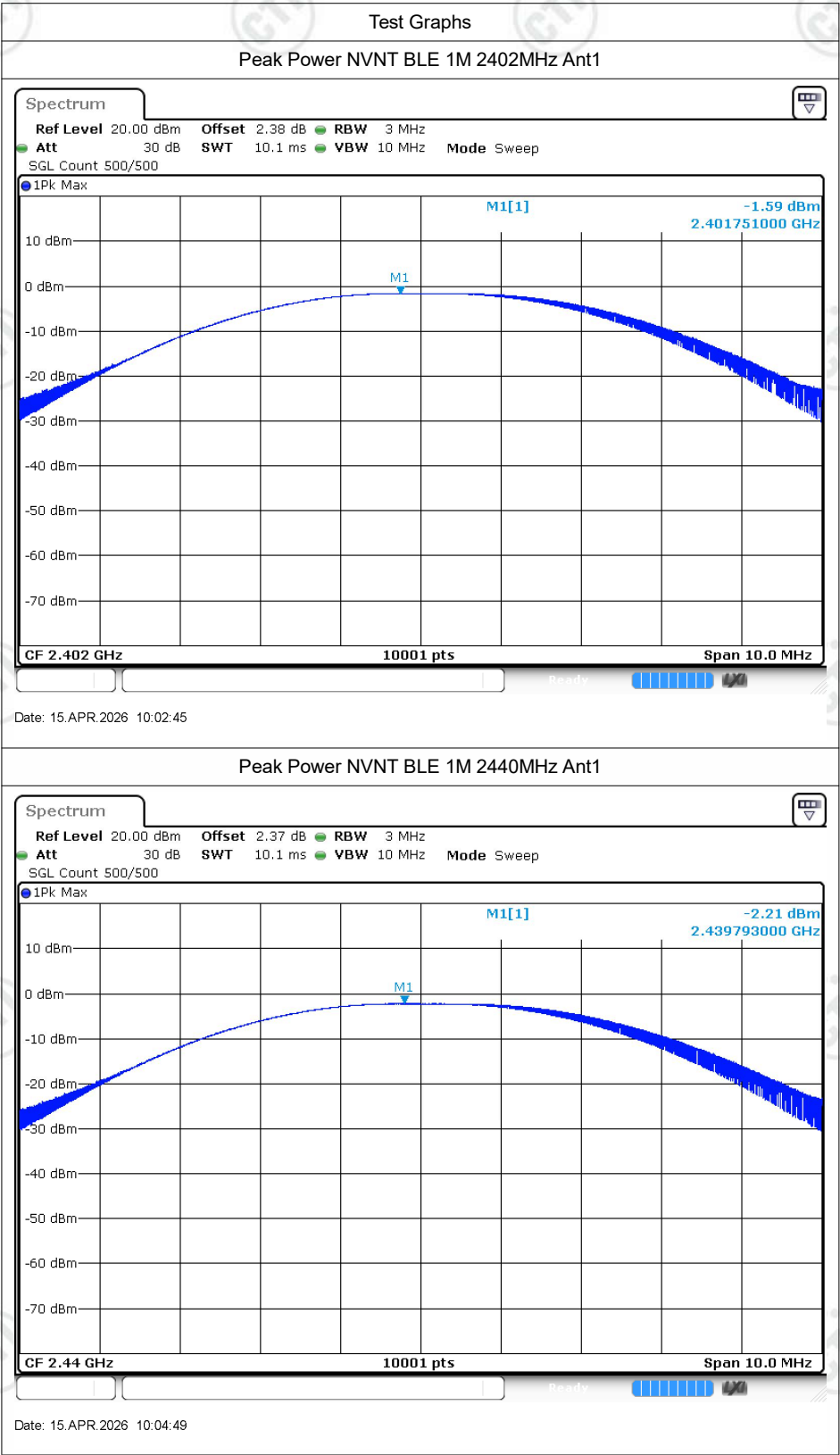
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	63.36	1.98	2.53
NVNT	BLE 1M	2440	Ant1	62.88	2.01	2.54
NVNT	BLE 1M	2480	Ant1	62.72	2.03	2.55

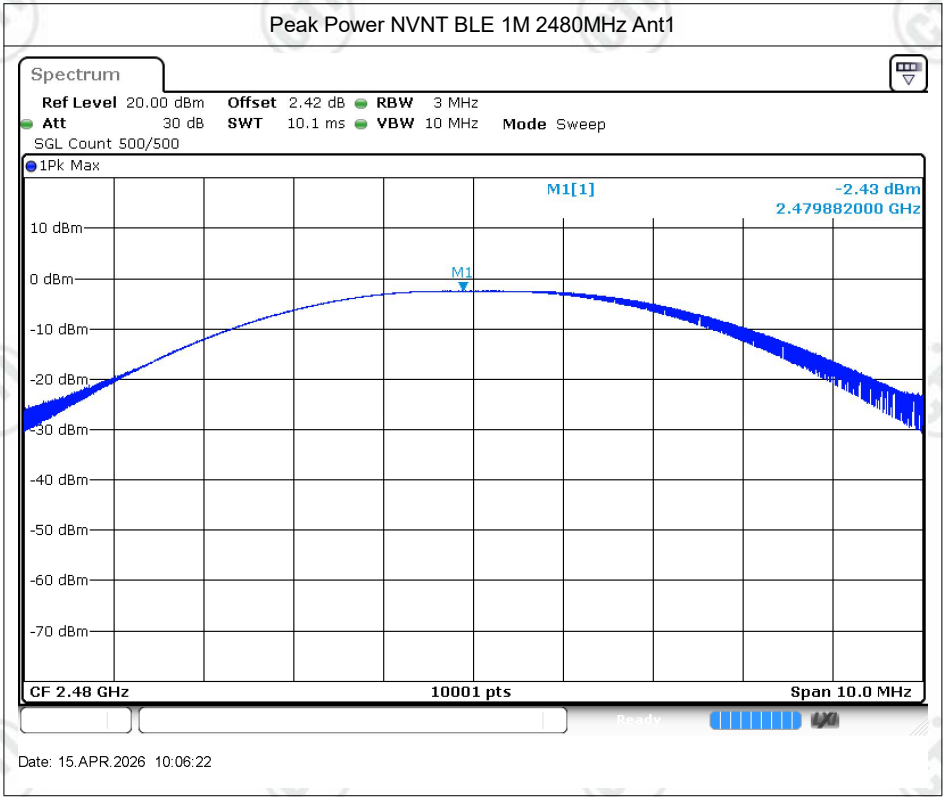




Maximum Peak Conducted Output Power

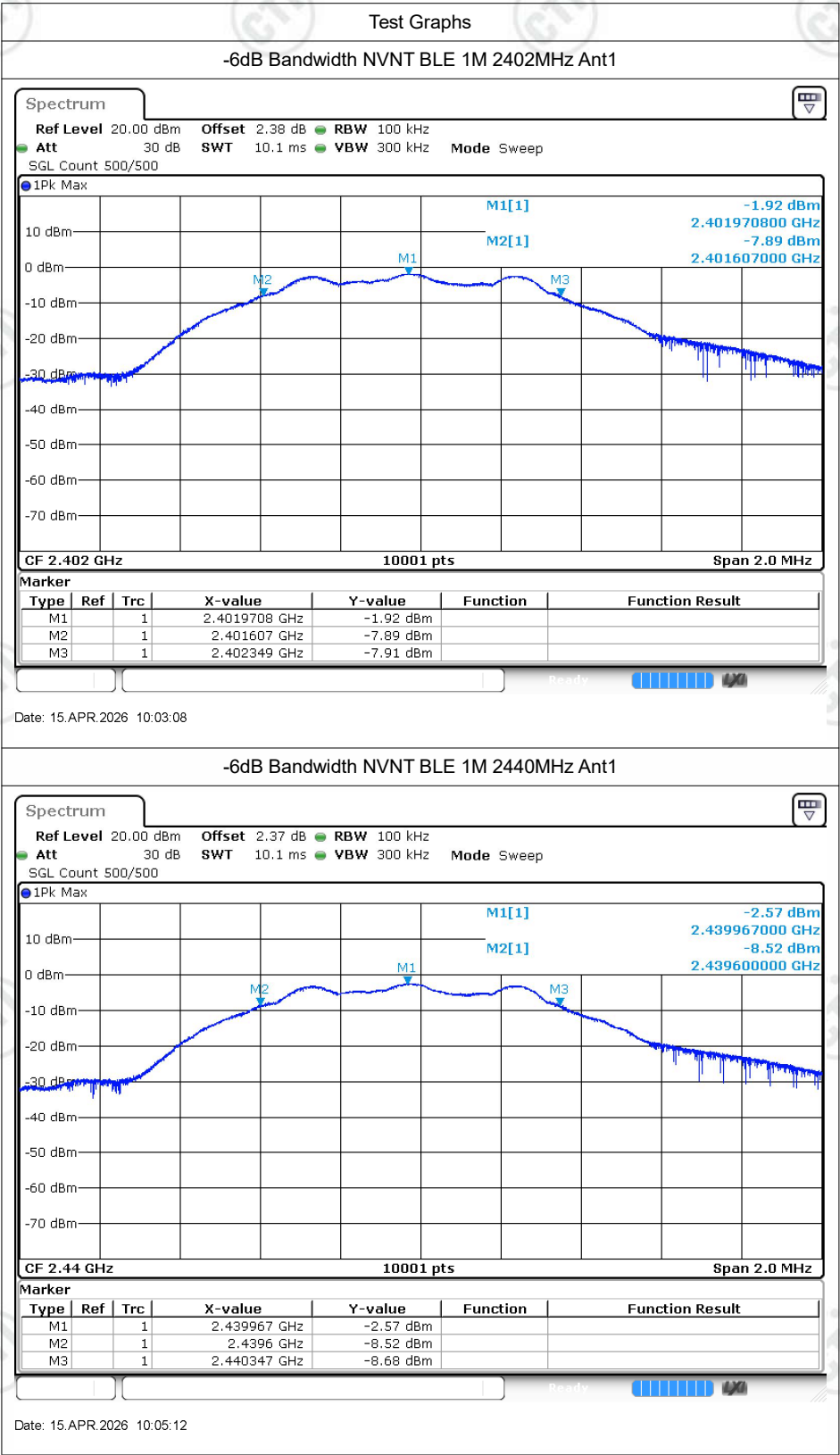
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.59	30	Pass
NVNT	BLE 1M	2440	Ant1	-2.21	30	Pass
NVNT	BLE 1M	2480	Ant1	-2.43	30	Pass

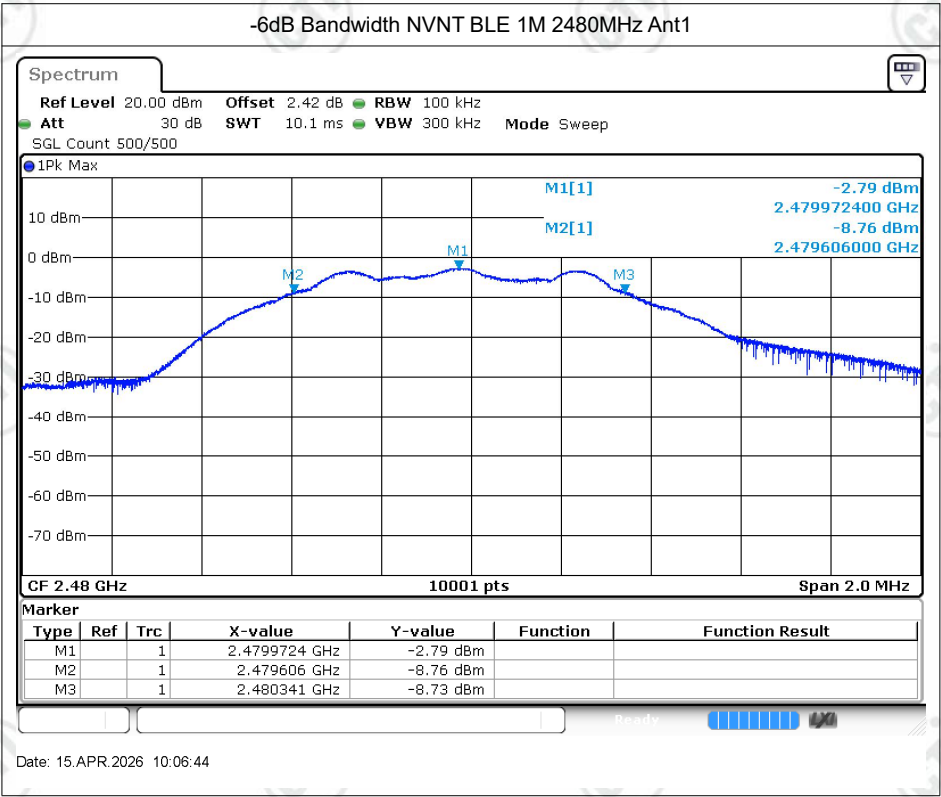




-6dB Bandwidth

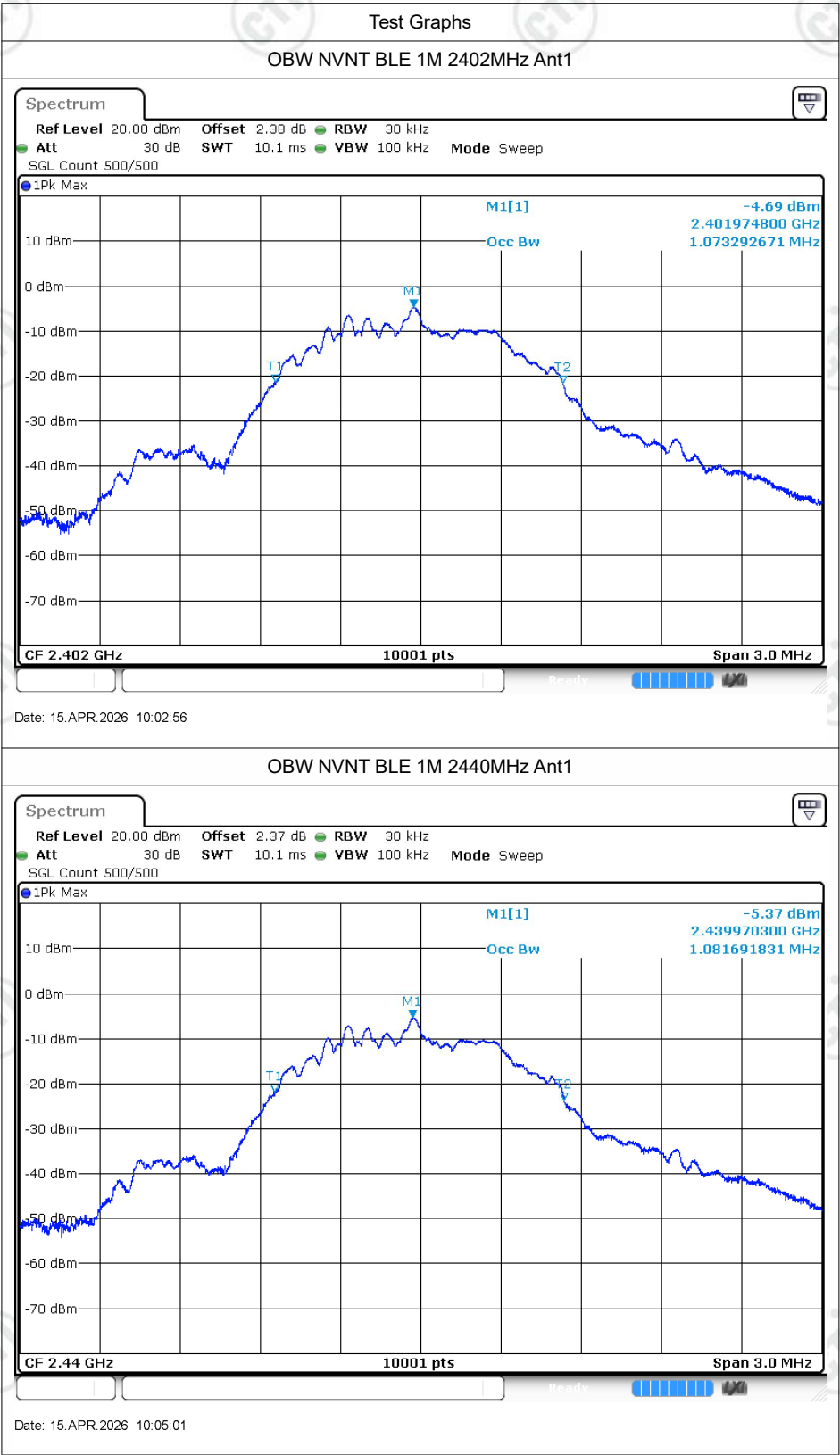
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.742	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.747	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.735	0.5	Pass

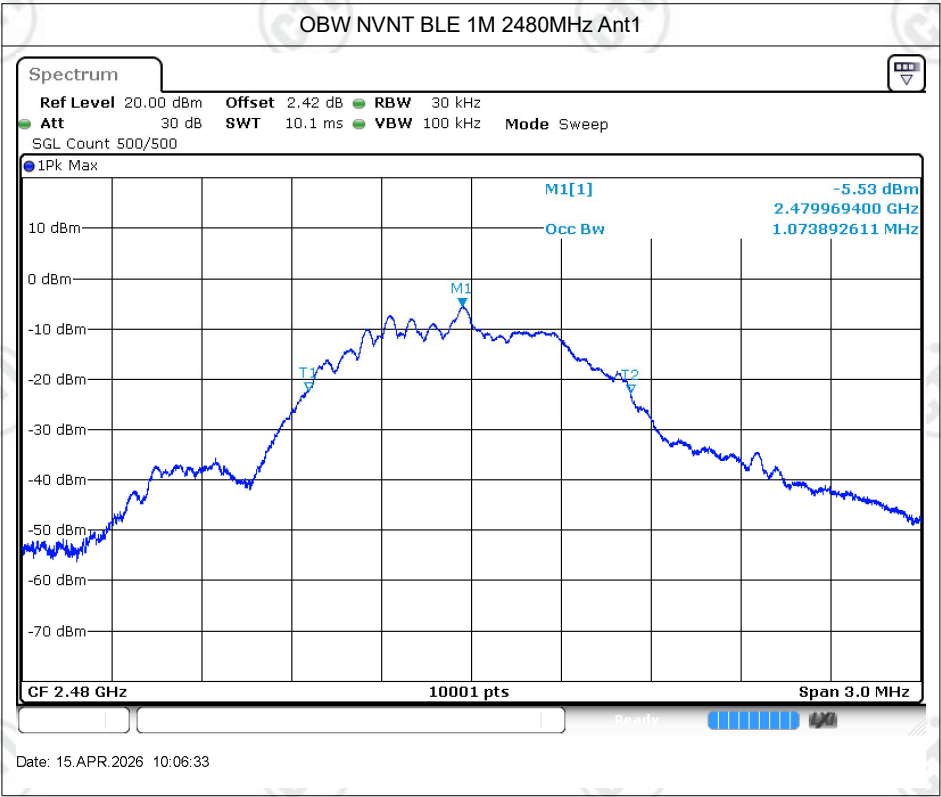




Occupied Channel Bandwidth

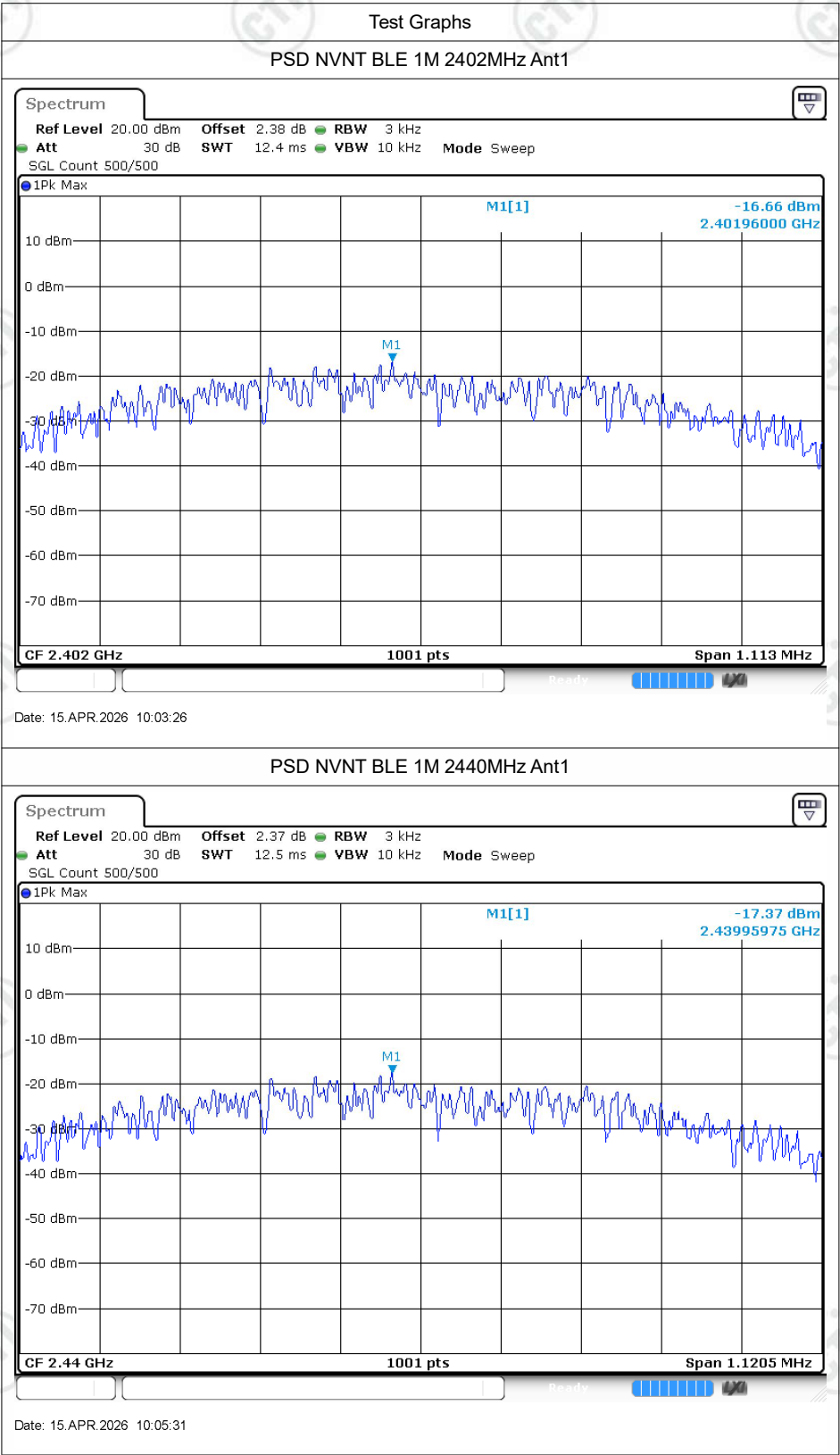
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.073
NVNT	BLE 1M	2440	Ant1	1.082
NVNT	BLE 1M	2480	Ant1	1.074

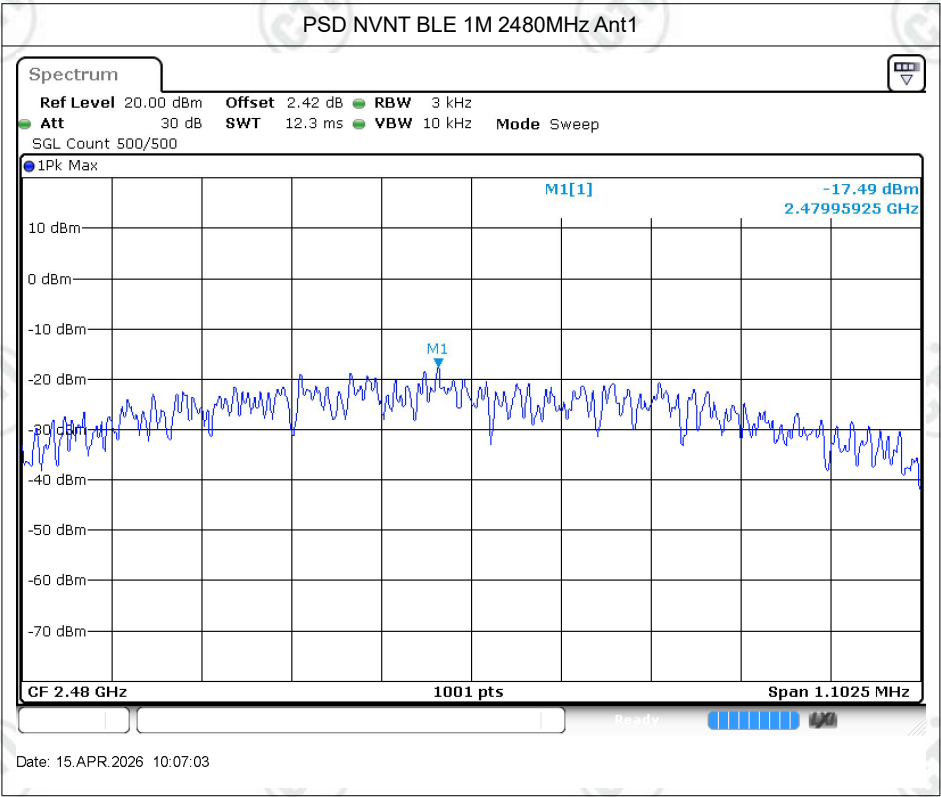




Maximum Power Spectral Density Level

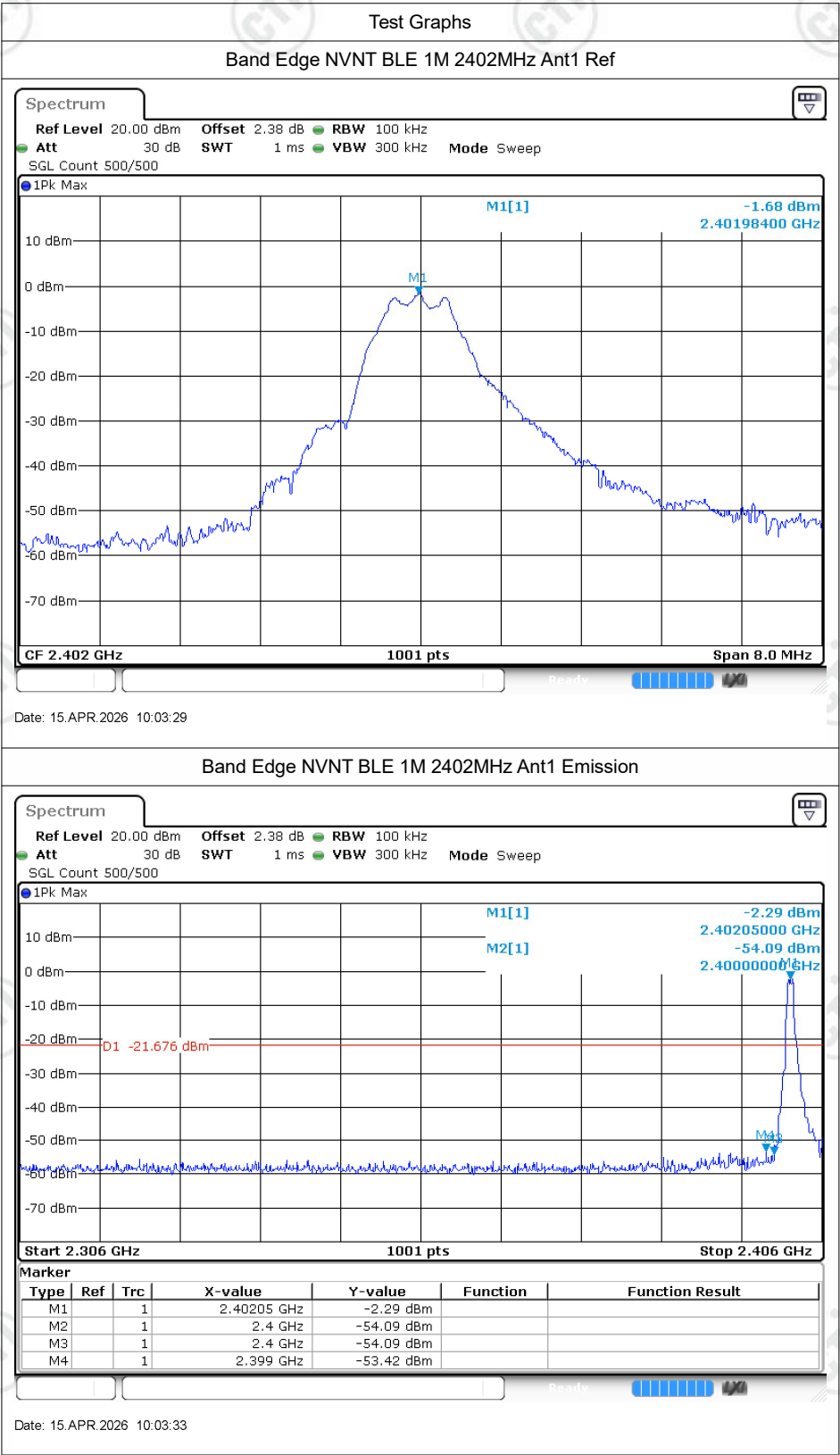
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-16.66	8	Pass
NVNT	BLE 1M	2440	Ant1	-17.37	8	Pass
NVNT	BLE 1M	2480	Ant1	-17.49	8	Pass

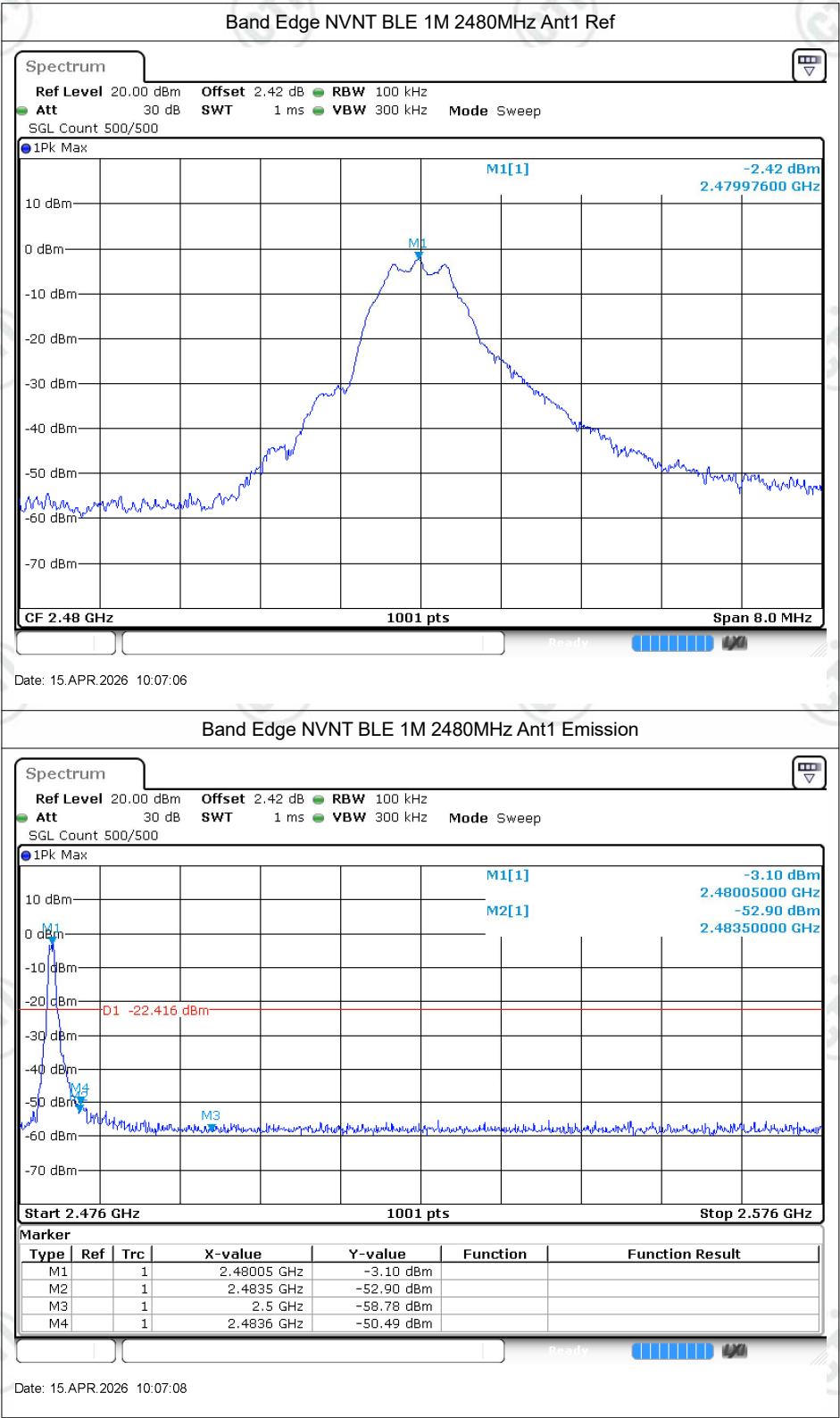




Band Edge

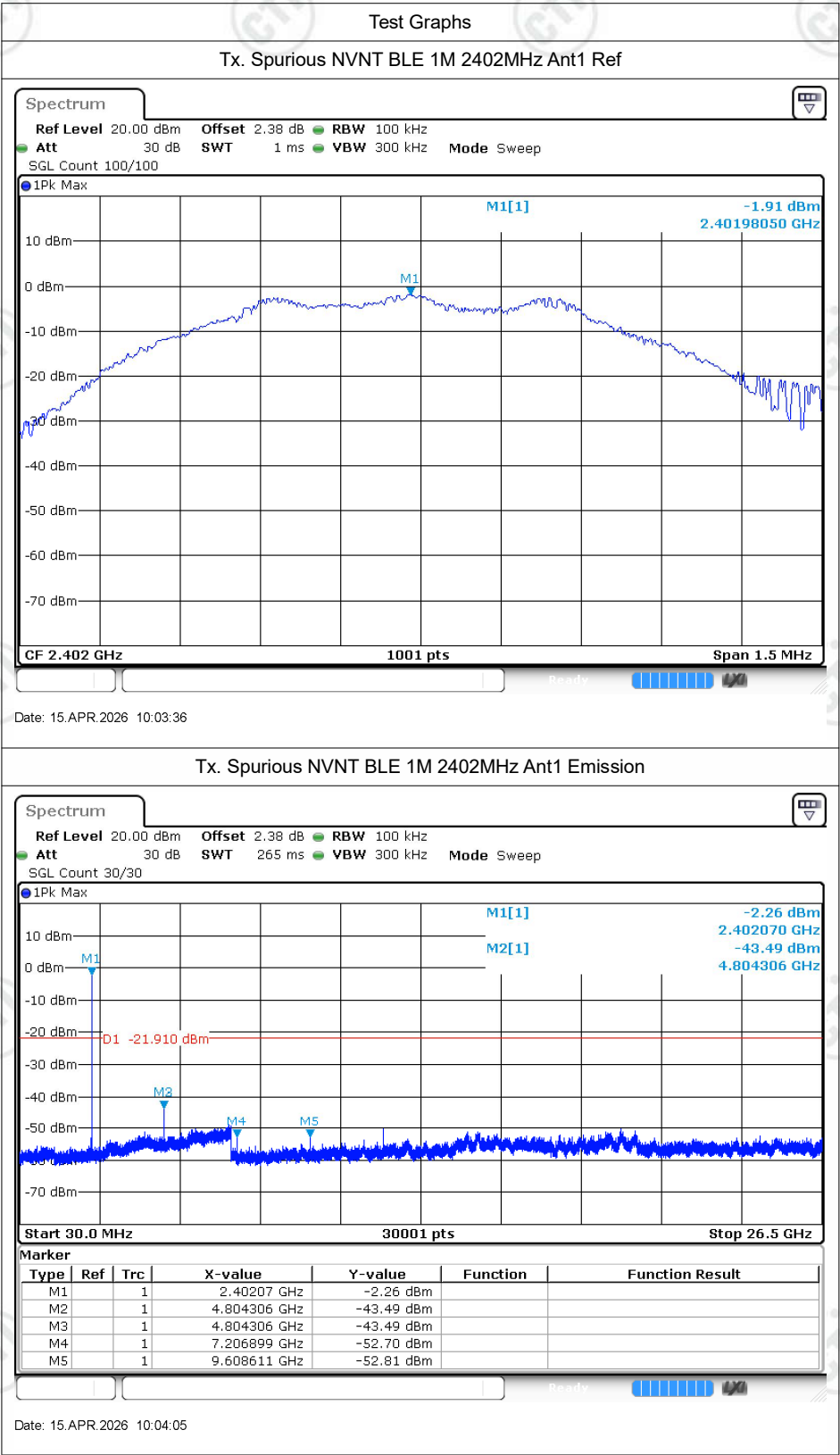
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-51.73	-20	Pass
NVNT	BLE 1M	2480	Ant1	-48.06	-20	Pass

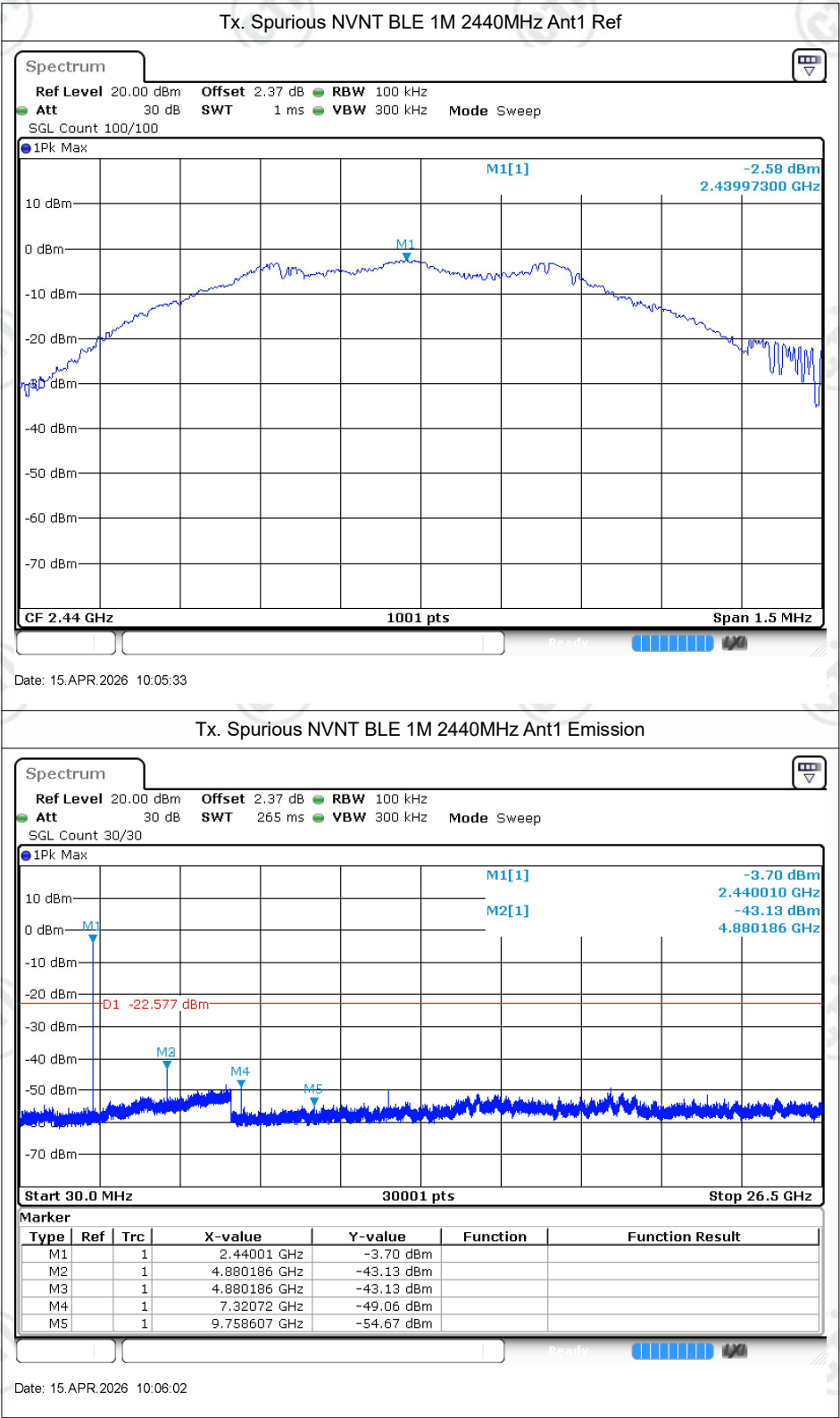


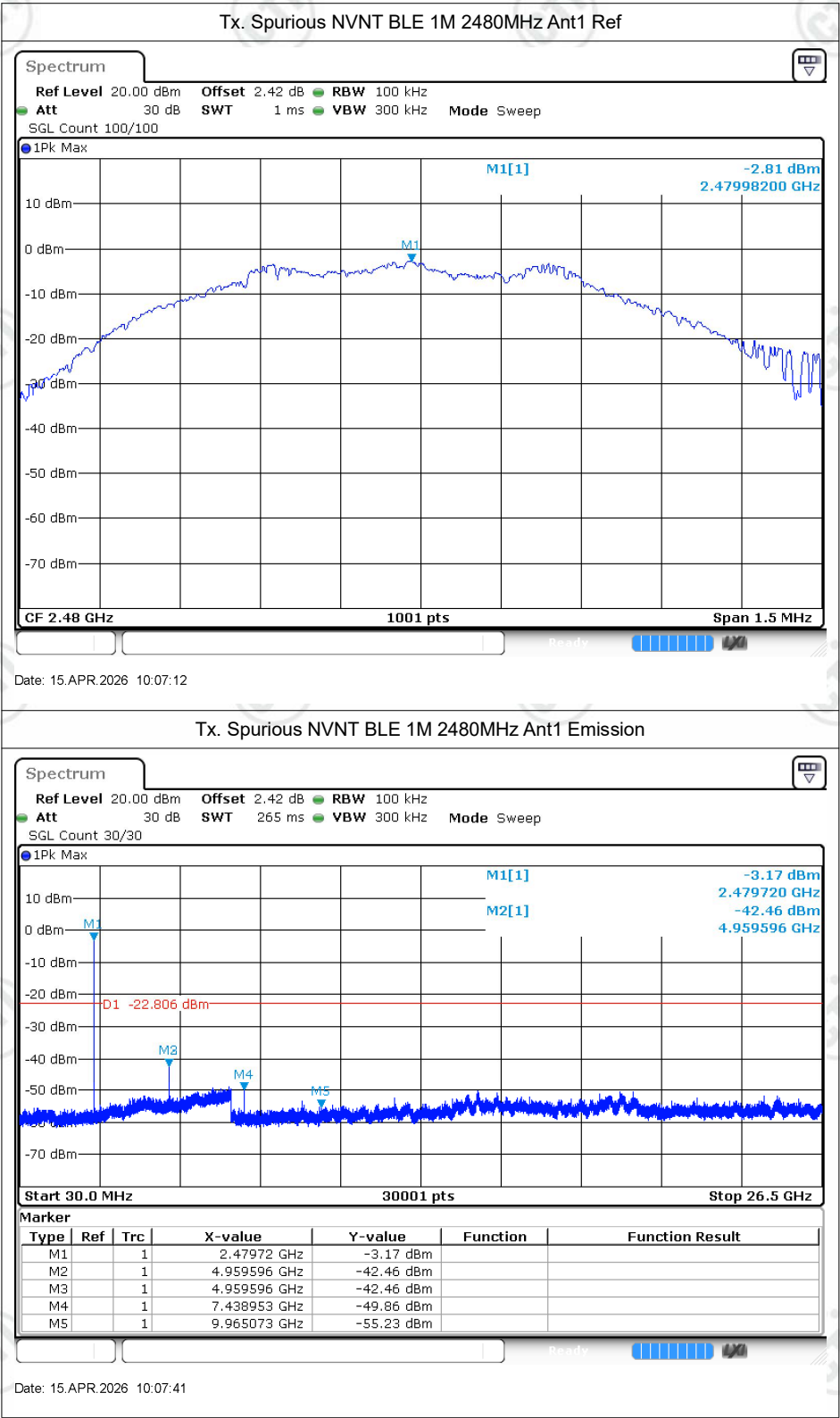


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-41.57	-20	Pass
NVNT	BLE 1M	2440	Ant1	-40.55	-20	Pass
NVNT	BLE 1M	2480	Ant1	-39.65	-20	Pass







*** End of Report ***