



Appendix B

RF Test Data for BT (BLE) (Conducted Measurement)

Product Name: Dual mode wireless keyboard

Trade Mark: N/A

Test Model: BK9801T

Environmental Conditions

Temperature:	24.2° C
Relative Humidity:	51.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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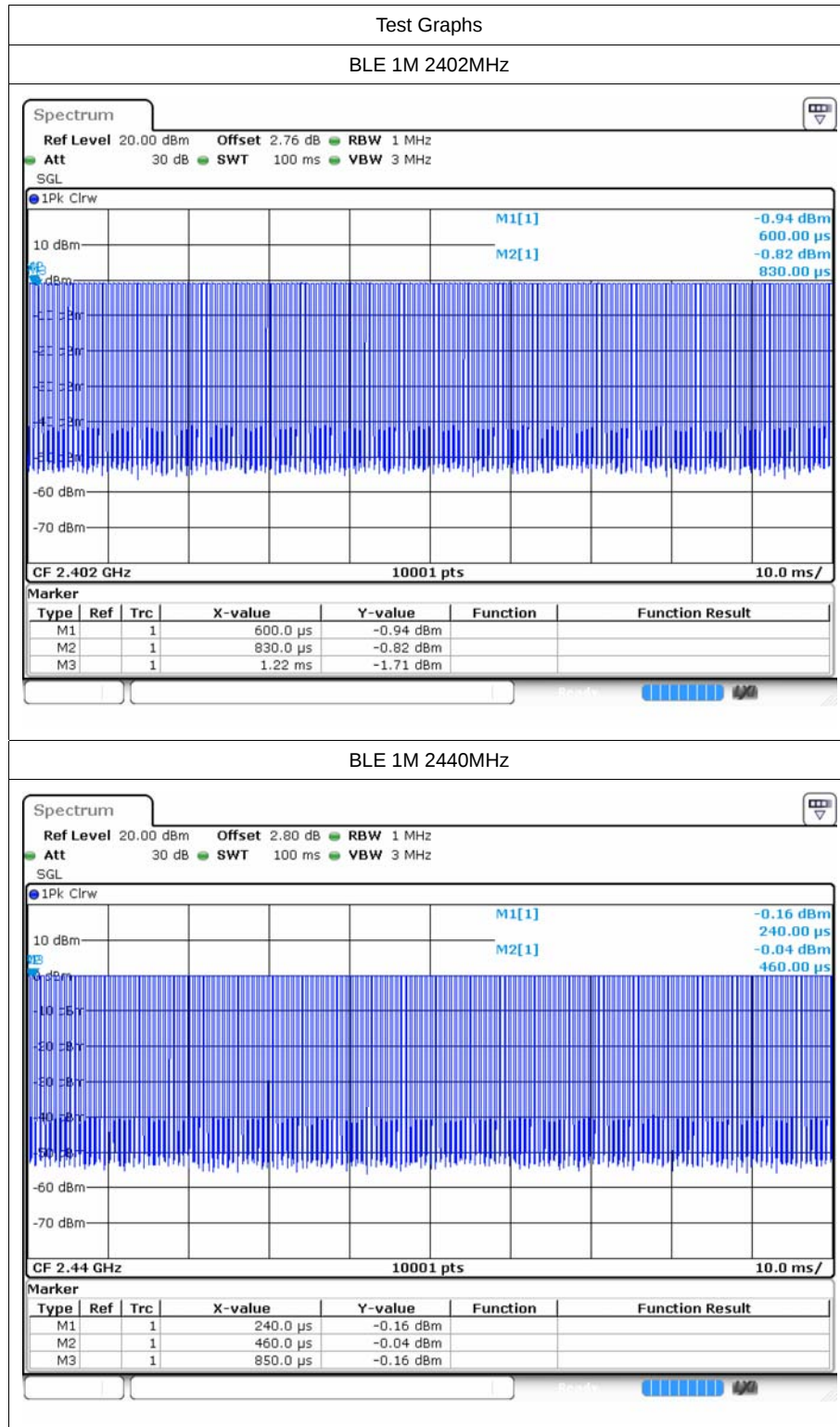


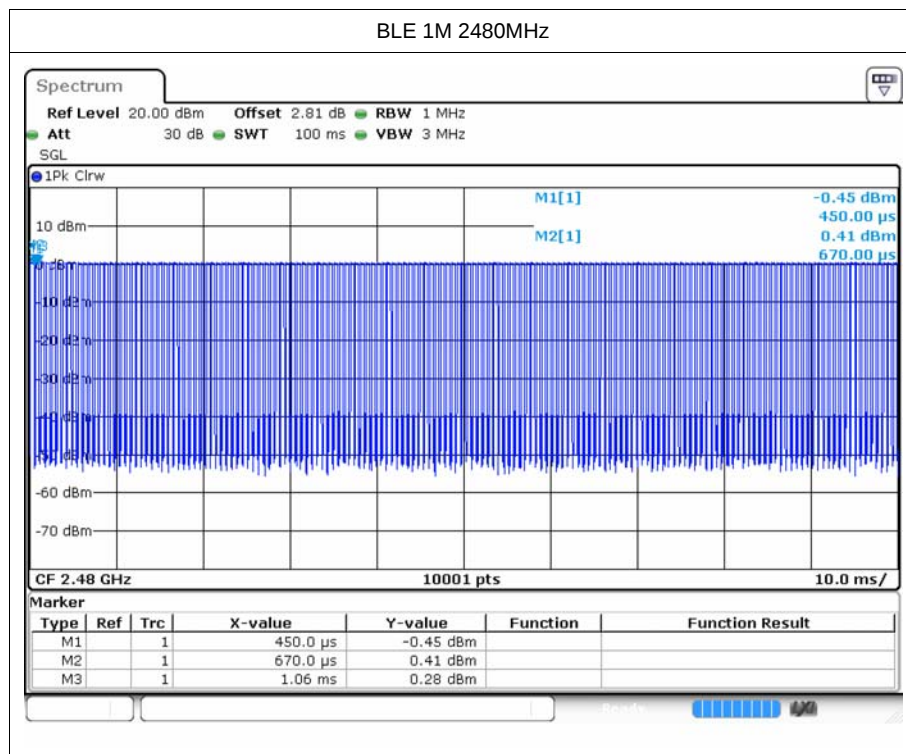
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	1/T (kHz)
BLE 1M	2402	65.31	2.56
BLE 1M	2440	65.19	2.56
BLE 1M	2480	65.31	2.56

1.2 Test Graphs





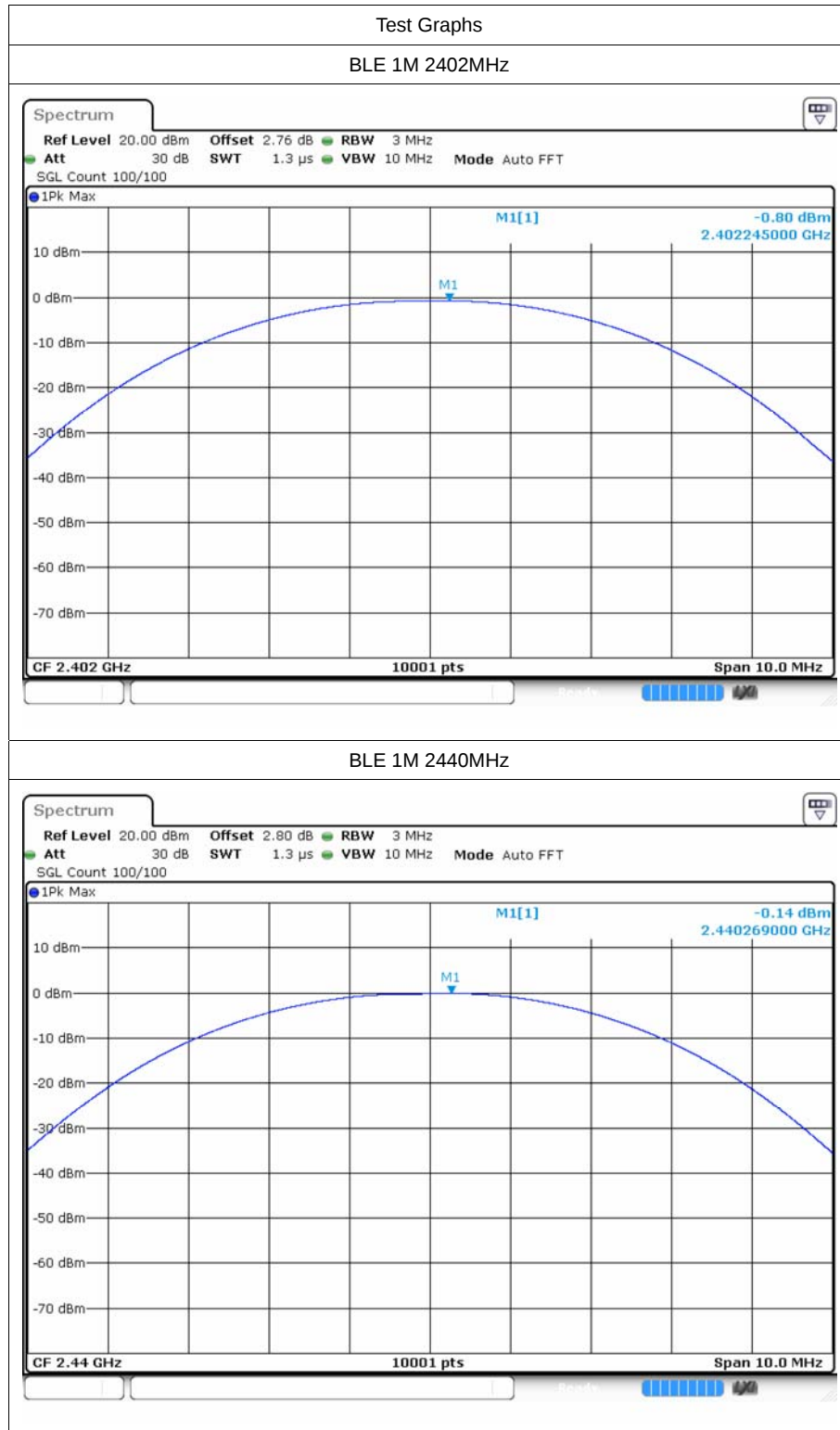


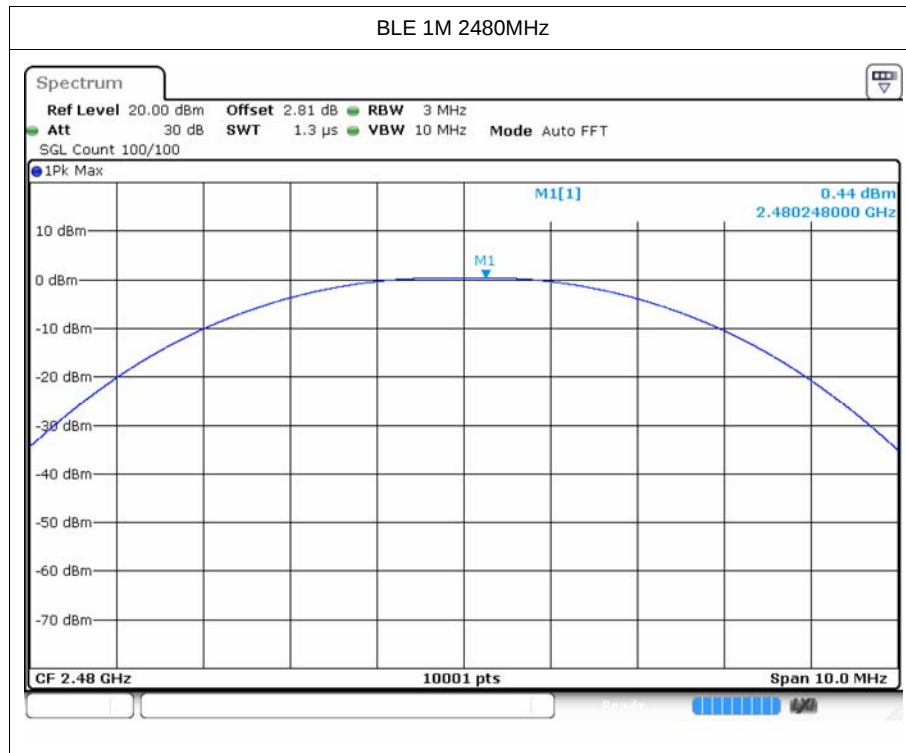
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	-0.8	30	Pass
BLE 1M	2440	-0.14	30	Pass
BLE 1M	2480	0.44	30	Pass

2.2 Test Graphs





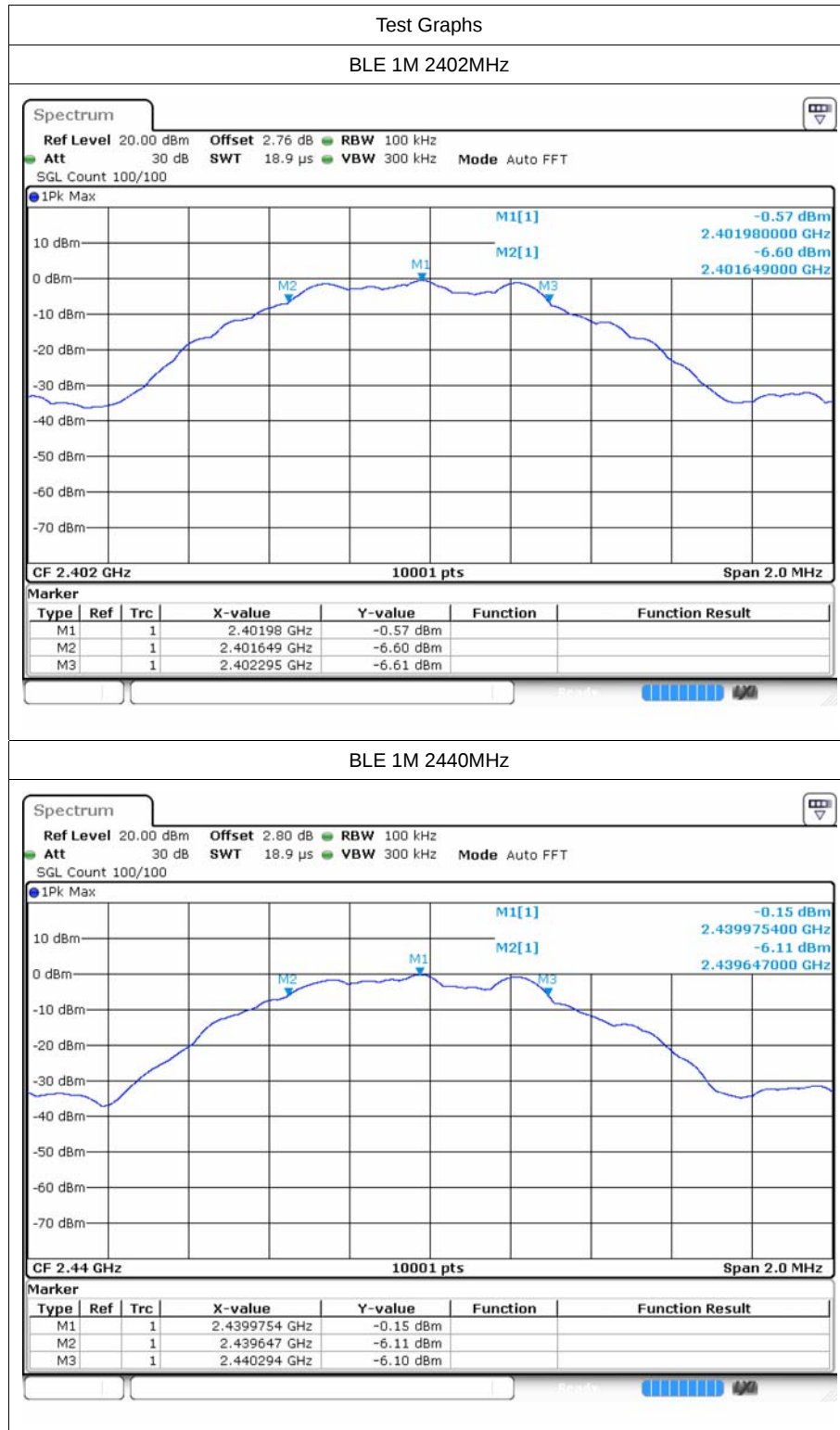


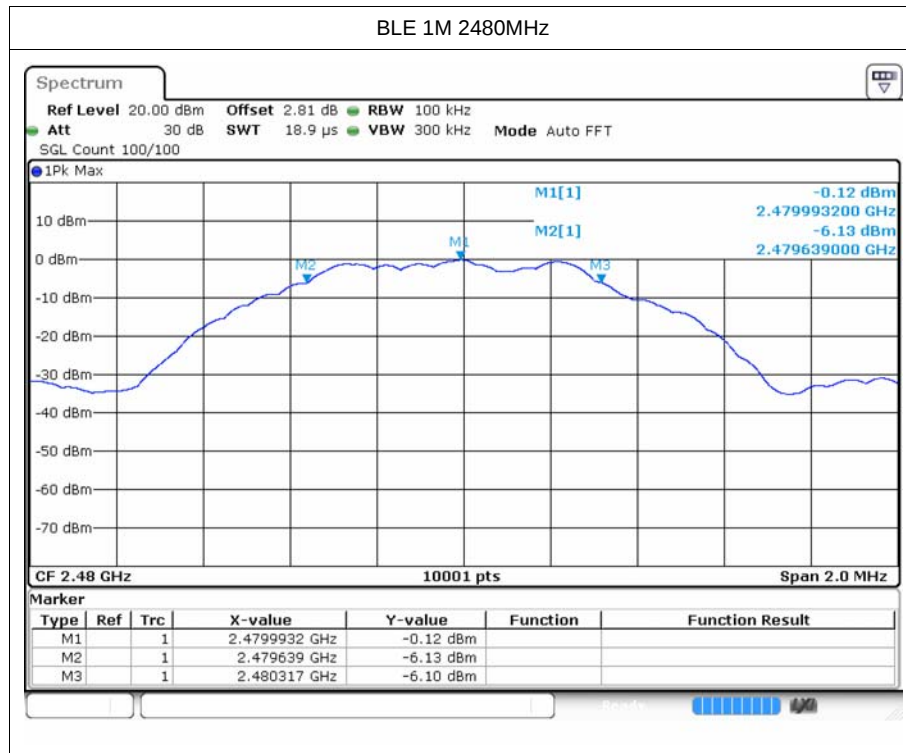
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.646	0.5	Pass
BLE 1M	2440	0.648	0.5	Pass
BLE 1M	2480	0.678	0.5	Pass

3.2 Test Graphs



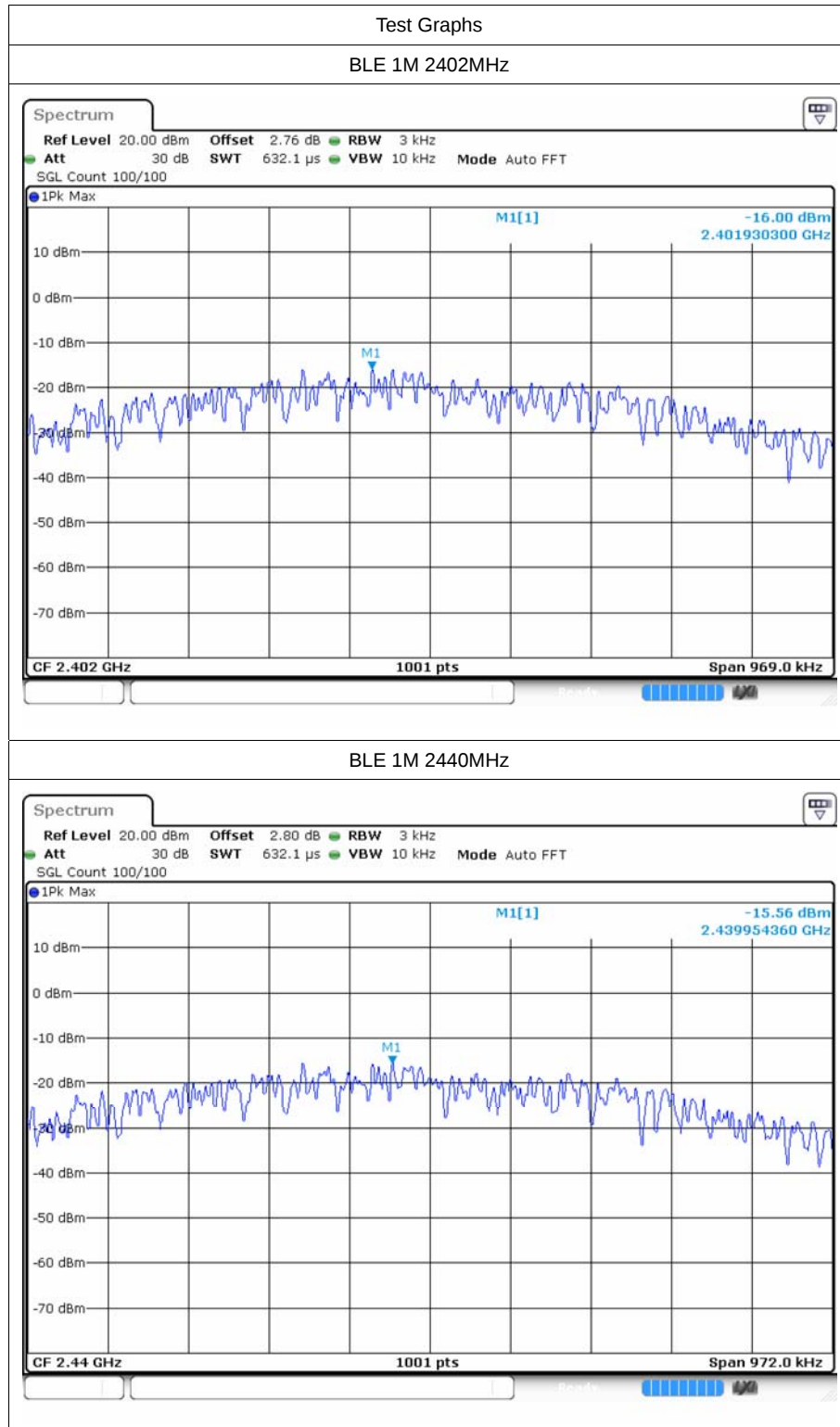


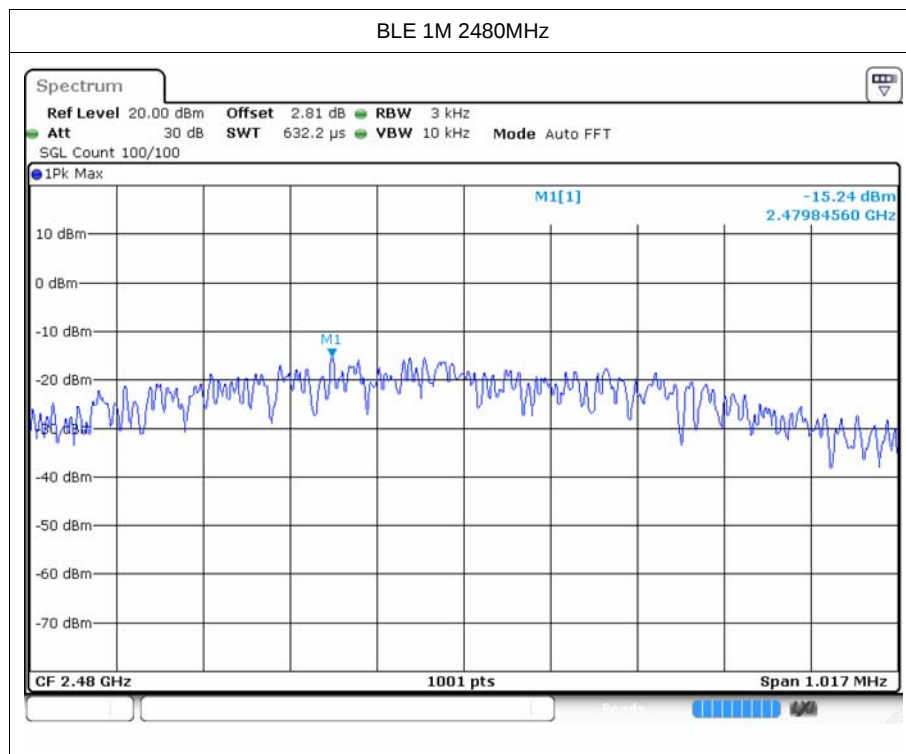
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-16	≤ 8	Pass
BLE 1M	2440	-15.56	≤ 8	Pass
BLE 1M	2480	-15.24	≤ 8	Pass

4.2 Test Graphs





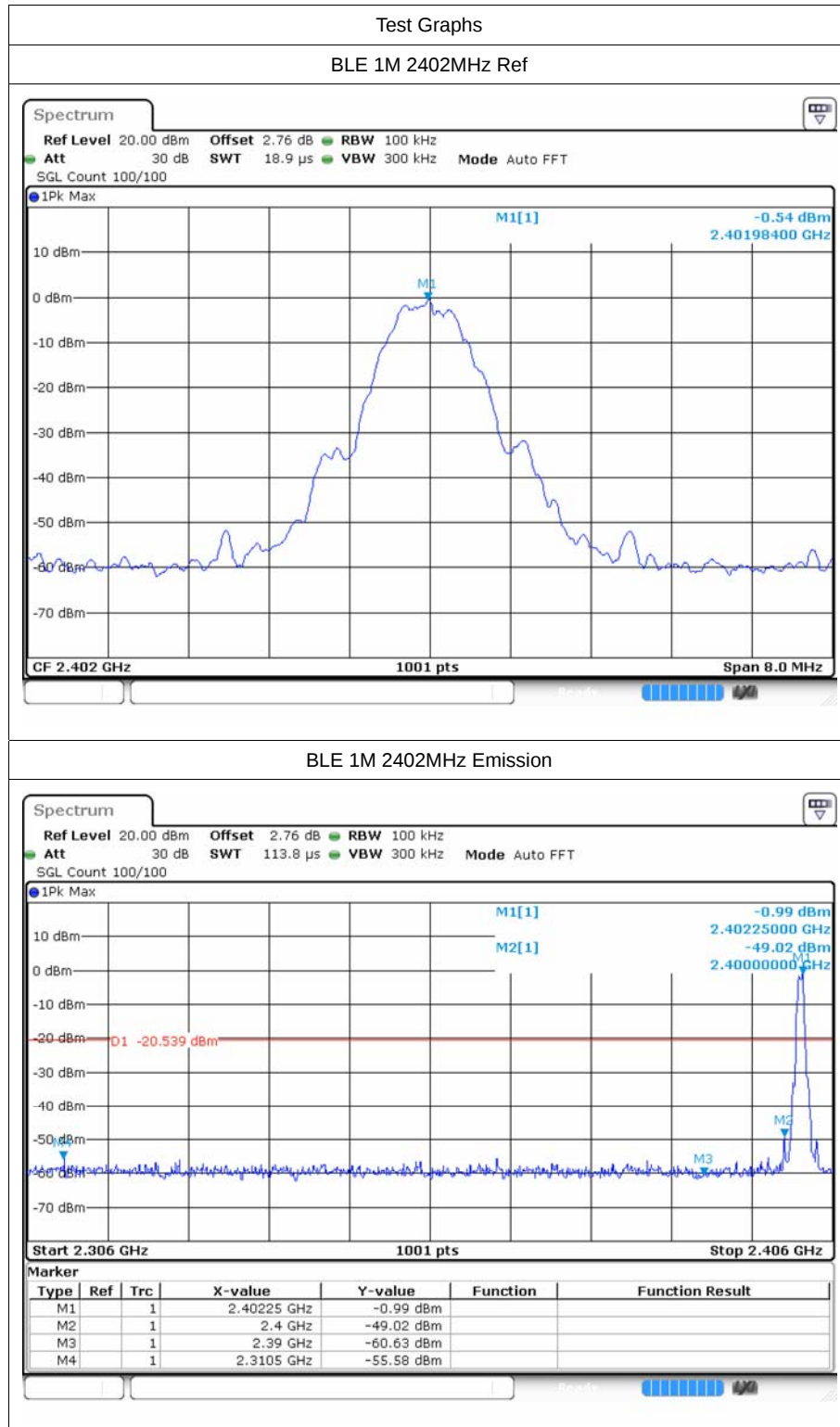


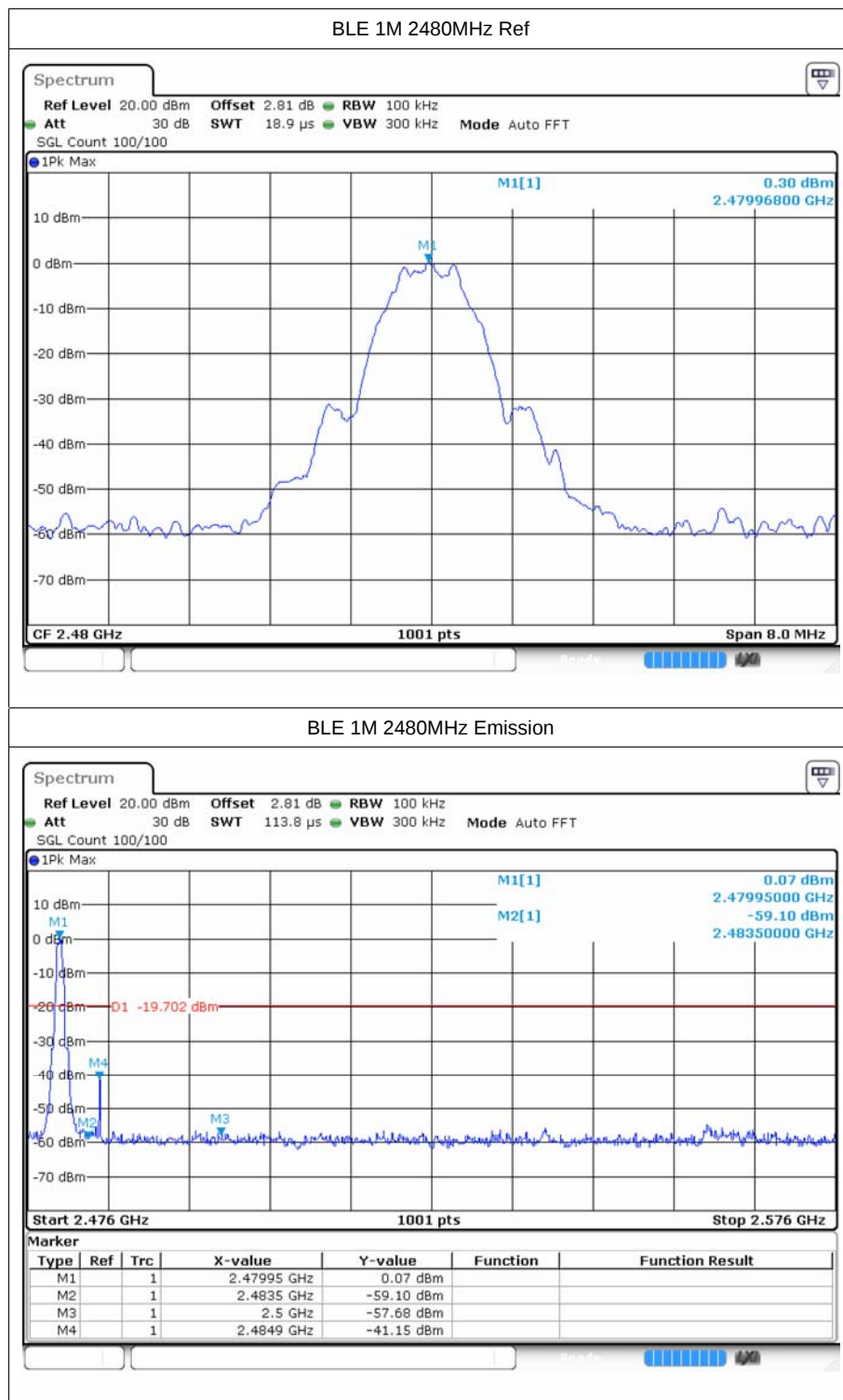
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-55.04	-20	Pass
BLE 1M	2480	-41.44	-20	Pass

5.2 Test Graphs





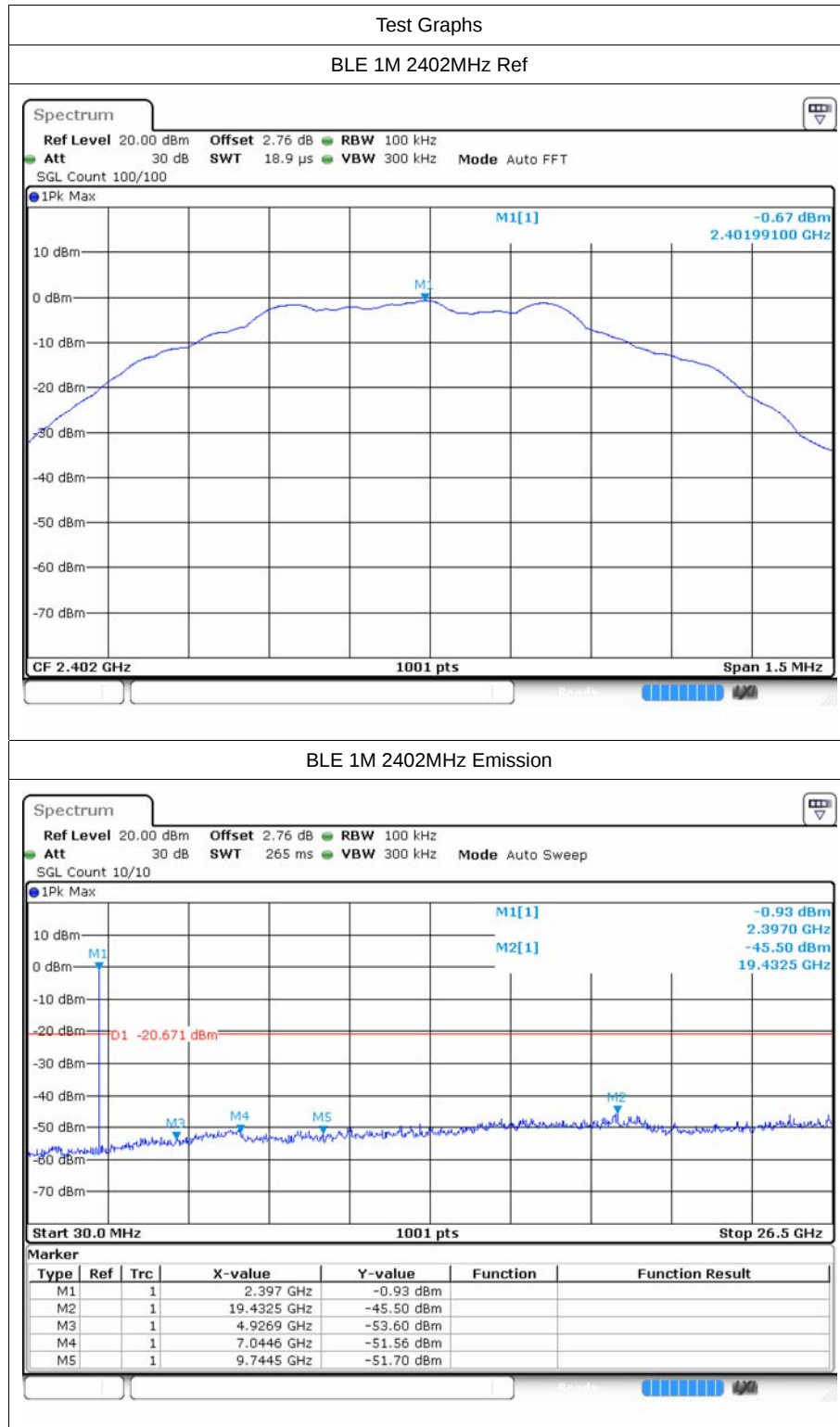


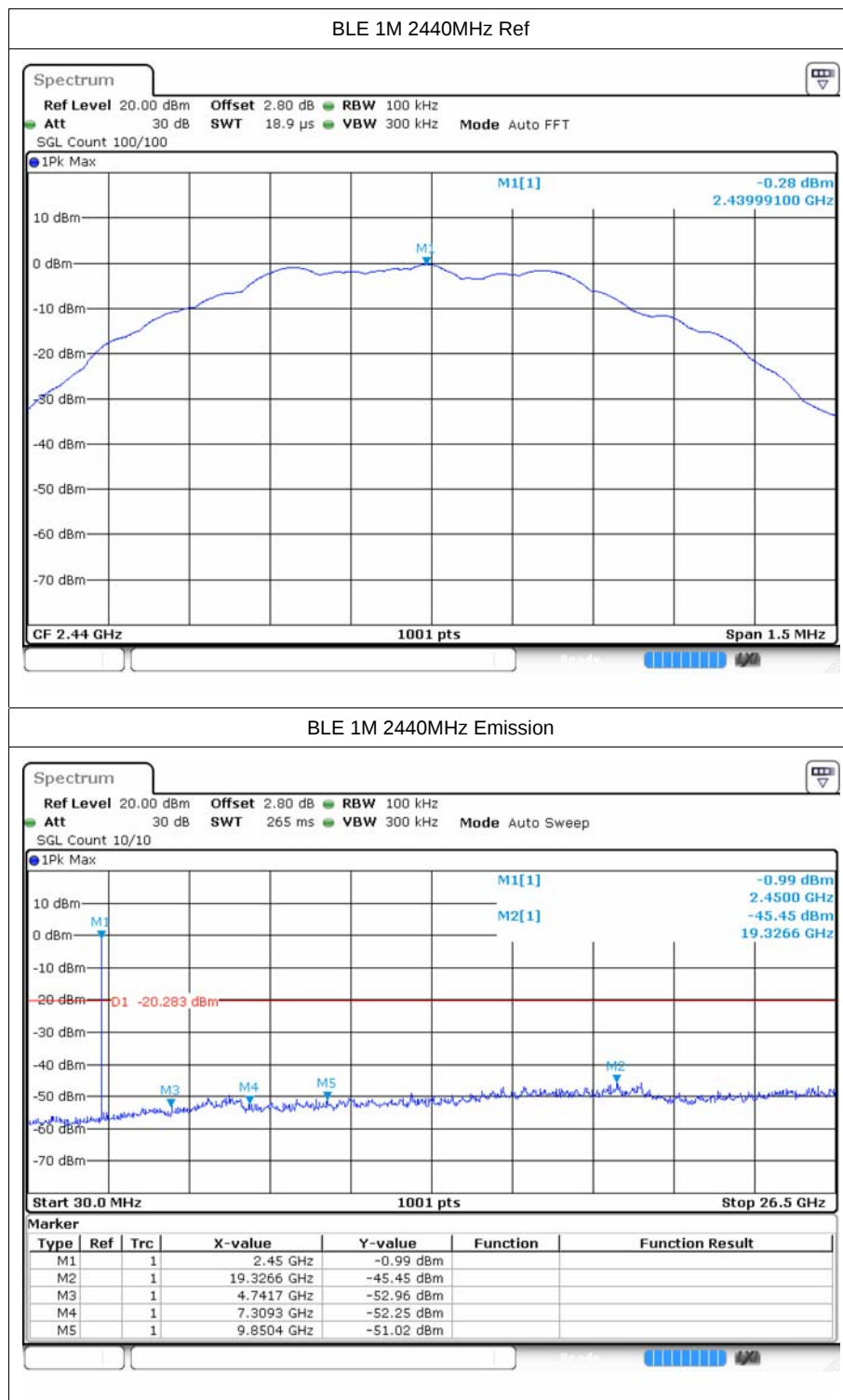
6 Conducted RF Spurious Emission

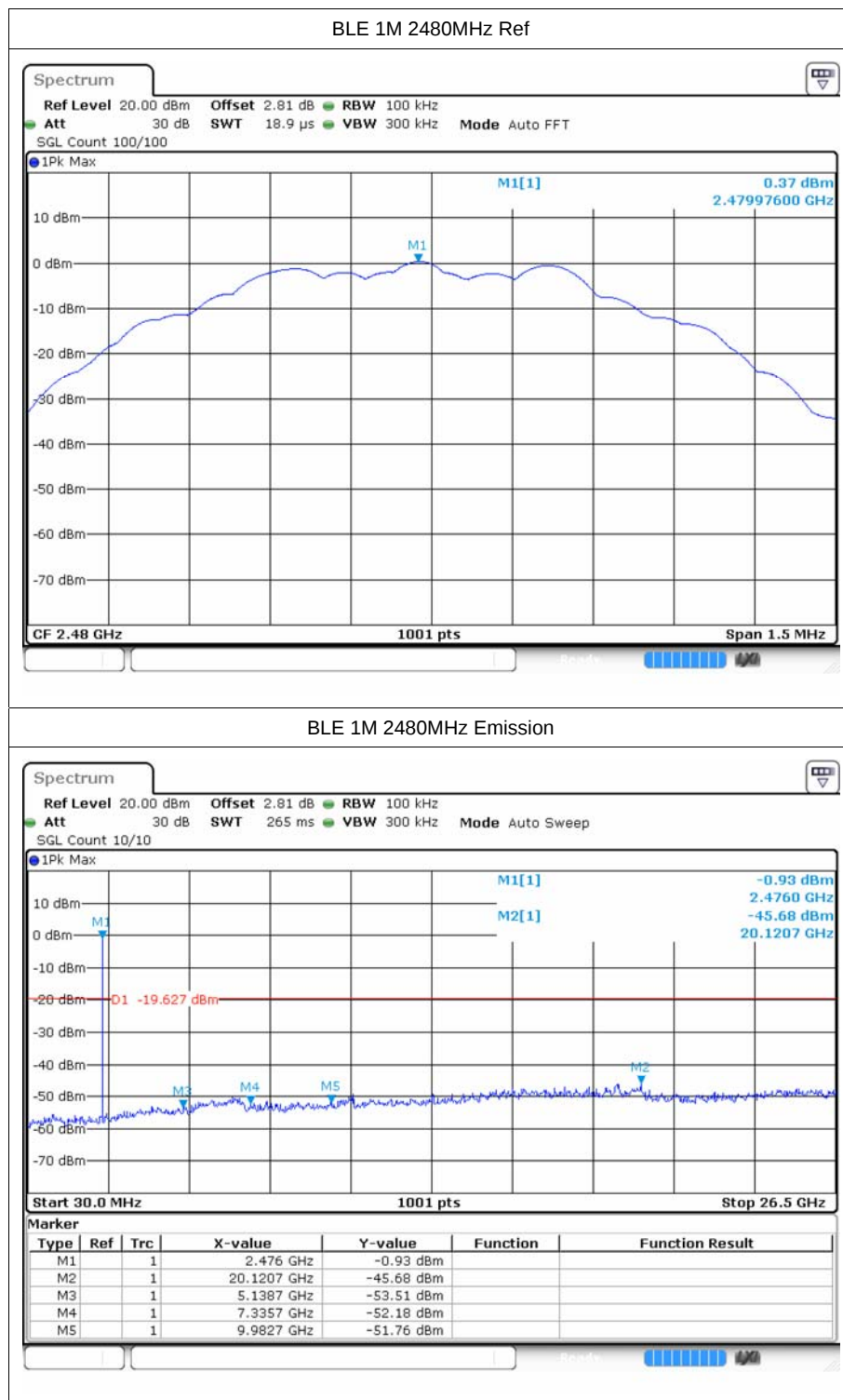
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-44.83	-20	Pass
BLE 1M	2440	-45.17	-20	Pass
BLE 1M	2480	-46.05	-20	Pass

6.2 Test Graphs







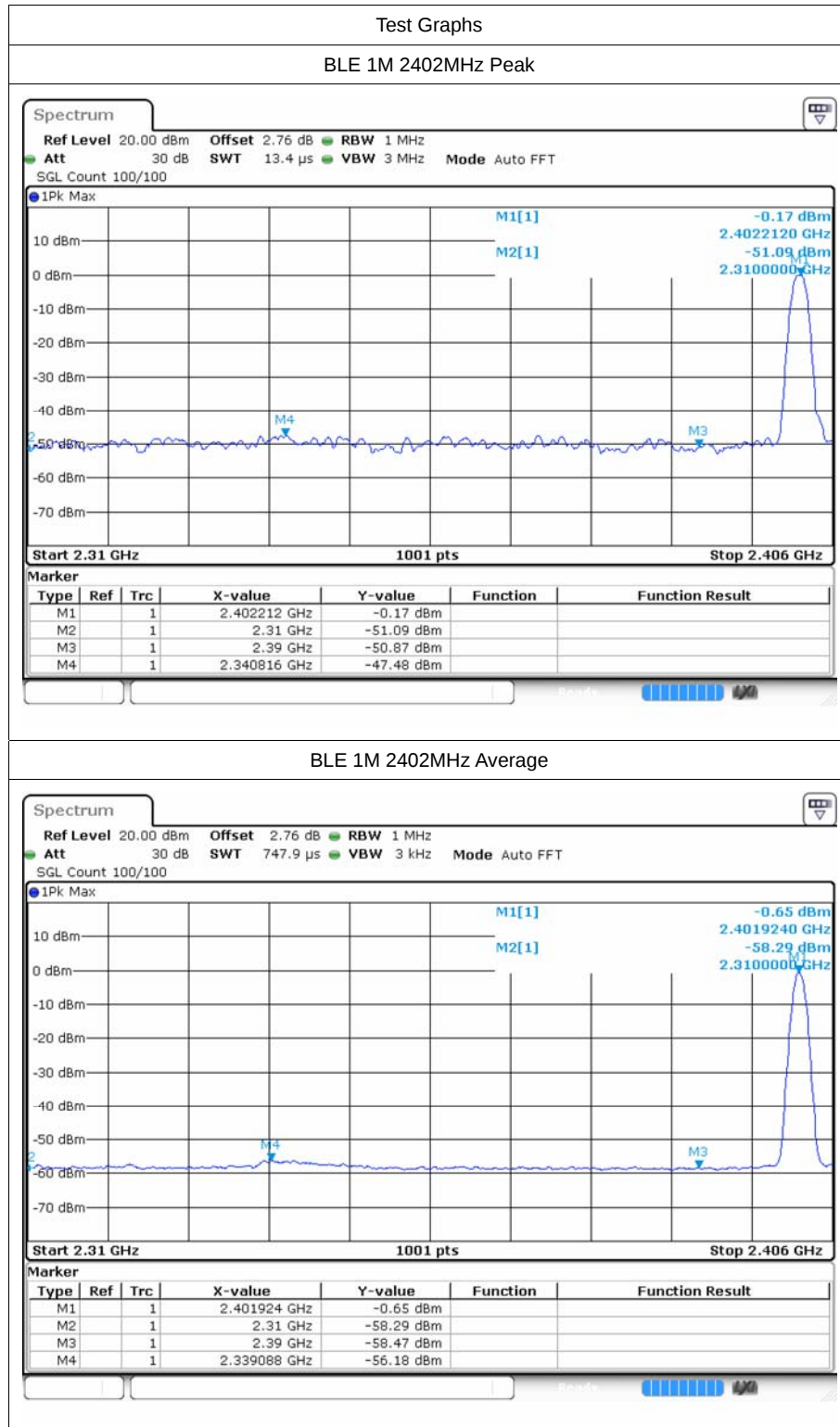


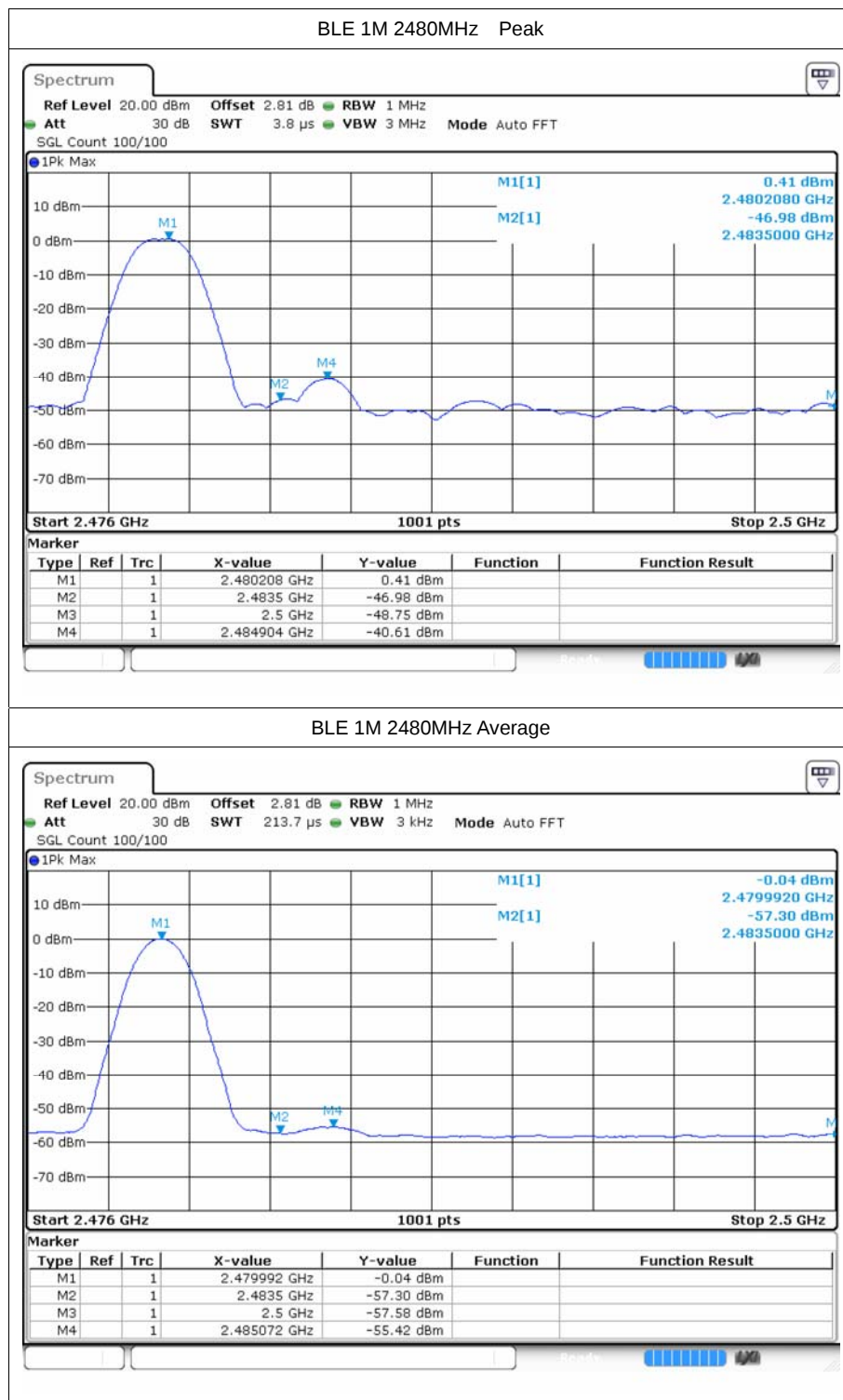
7 Restrict Band

7.1 Test Result

Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
BLE 1M	2402	2310	-51.09	2	46.17	Peak	74	Pass
BLE 1M	2402	2310	-58.29	2	38.97	Average	54	Pass
BLE 1M	2402	2340.816	-47.47	2	49.79	Peak	74	Pass
BLE 1M	2402	2339.088	-56.18	2	41.08	Average	54	Pass
BLE 1M	2402	2390	-50.87	2	46.39	Peak	74	Pass
BLE 1M	2402	2390	-58.47	2	38.79	Average	54	Pass
BLE 1M	2480	2483.5	-46.9	2	50.36	Peak	74	Pass
BLE 1M	2480	2483.5	-57.31	2	39.95	Average	54	Pass
BLE 1M	2480	2484.904	-40.6	2	56.66	Peak	74	Pass
BLE 1M	2480	2485.072	-55.41	2	41.85	Average	54	Pass
BLE 1M	2480	2500	-48.75	2	48.51	Peak	74	Pass
BLE 1M	2480	2500	-57.58	2	39.68	Average	54	Pass

7.2 Test Graphs





---The End---