



Appendix B

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

Product Name: Smart Watch

Trade Mark: FUNHULLUN

Test Model: TW9

Environmental Conditions

Temperature:	25.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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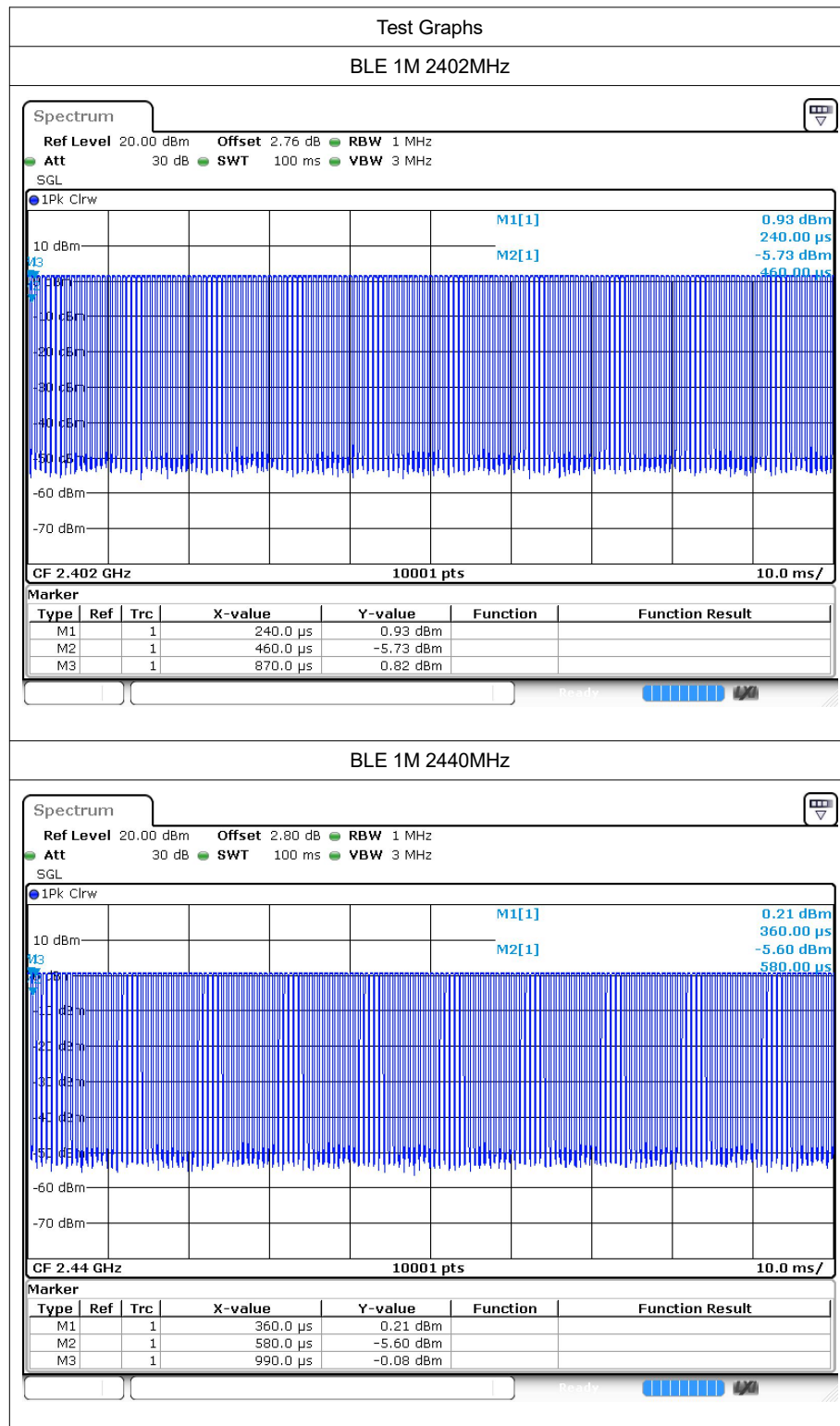
1 Duty Cycle

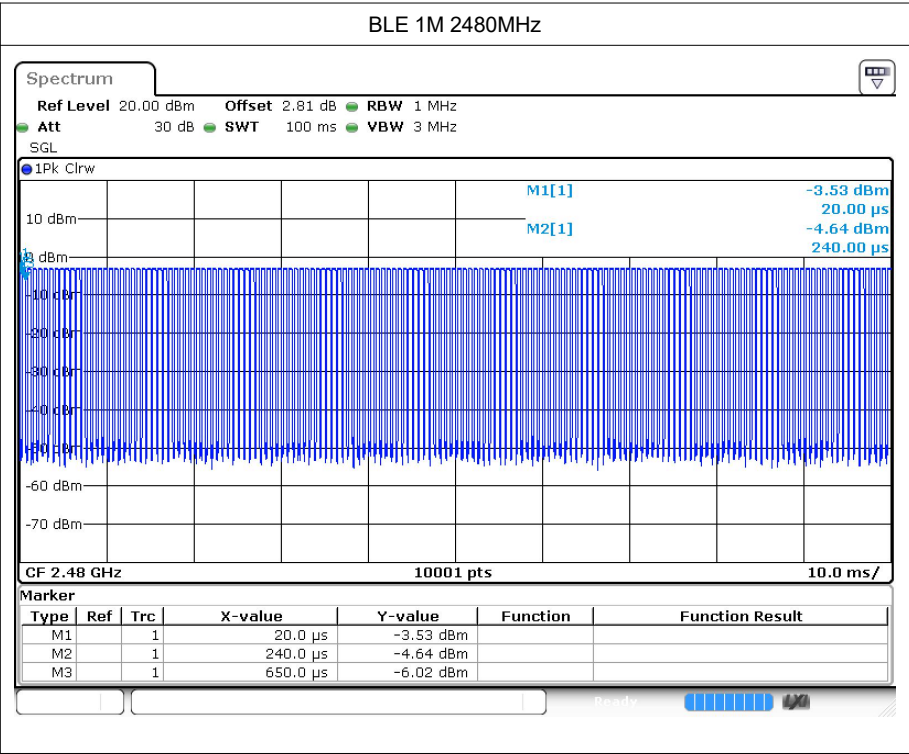
1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
BLE 1M	2402	67.2	1.73	2.44
BLE 1M	2440	67.2	1.73	2.44
BLE 1M	2480	67.2	1.73	2.44



1.2 Test Graphs





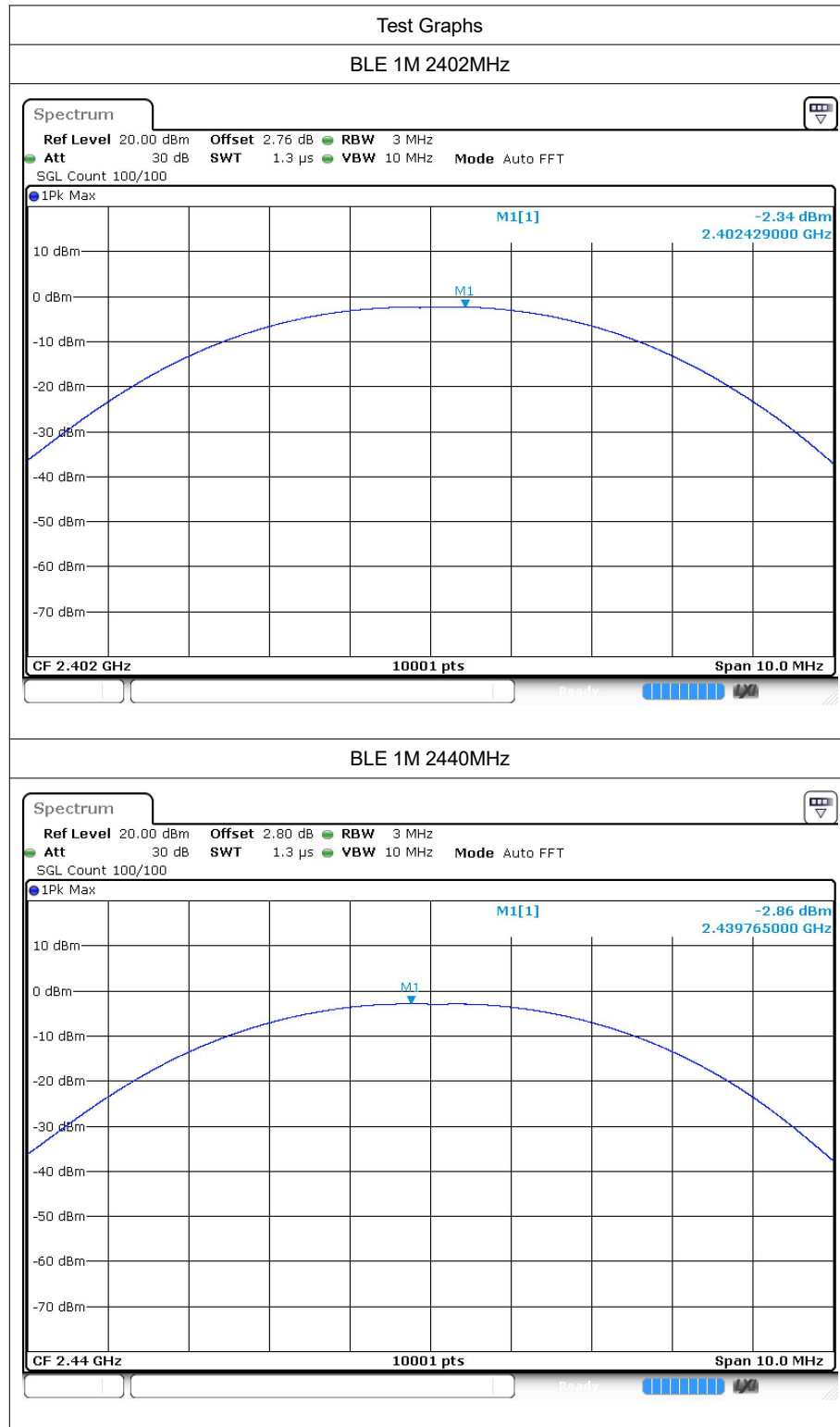


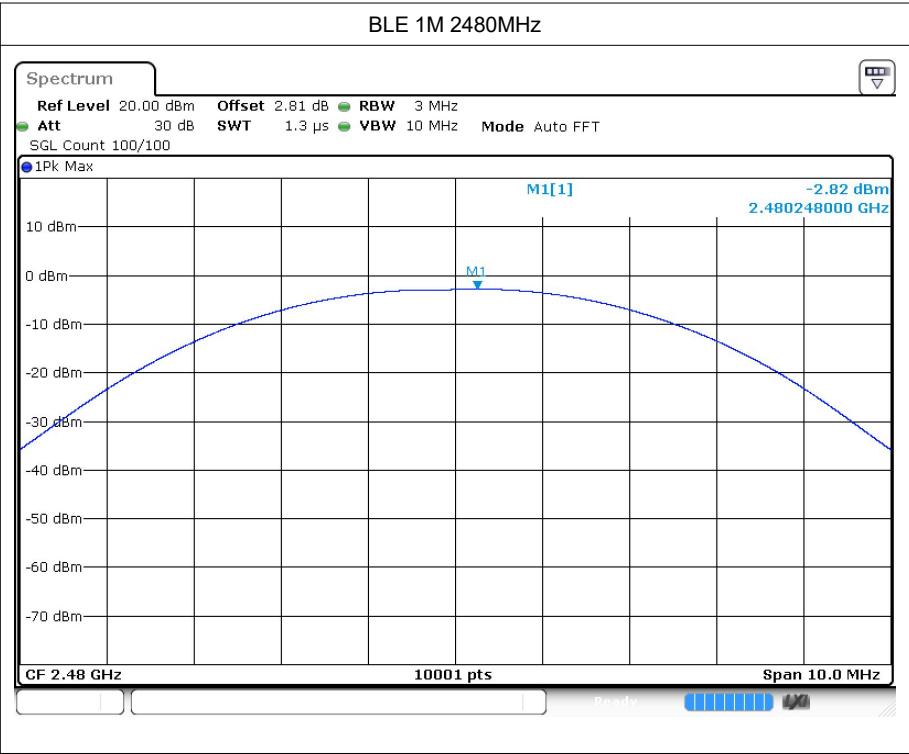
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	-2.34	30	Pass
BLE 1M	2440	-2.86	30	Pass
BLE 1M	2480	-2.82	30	Pass

2.2 Test Graphs





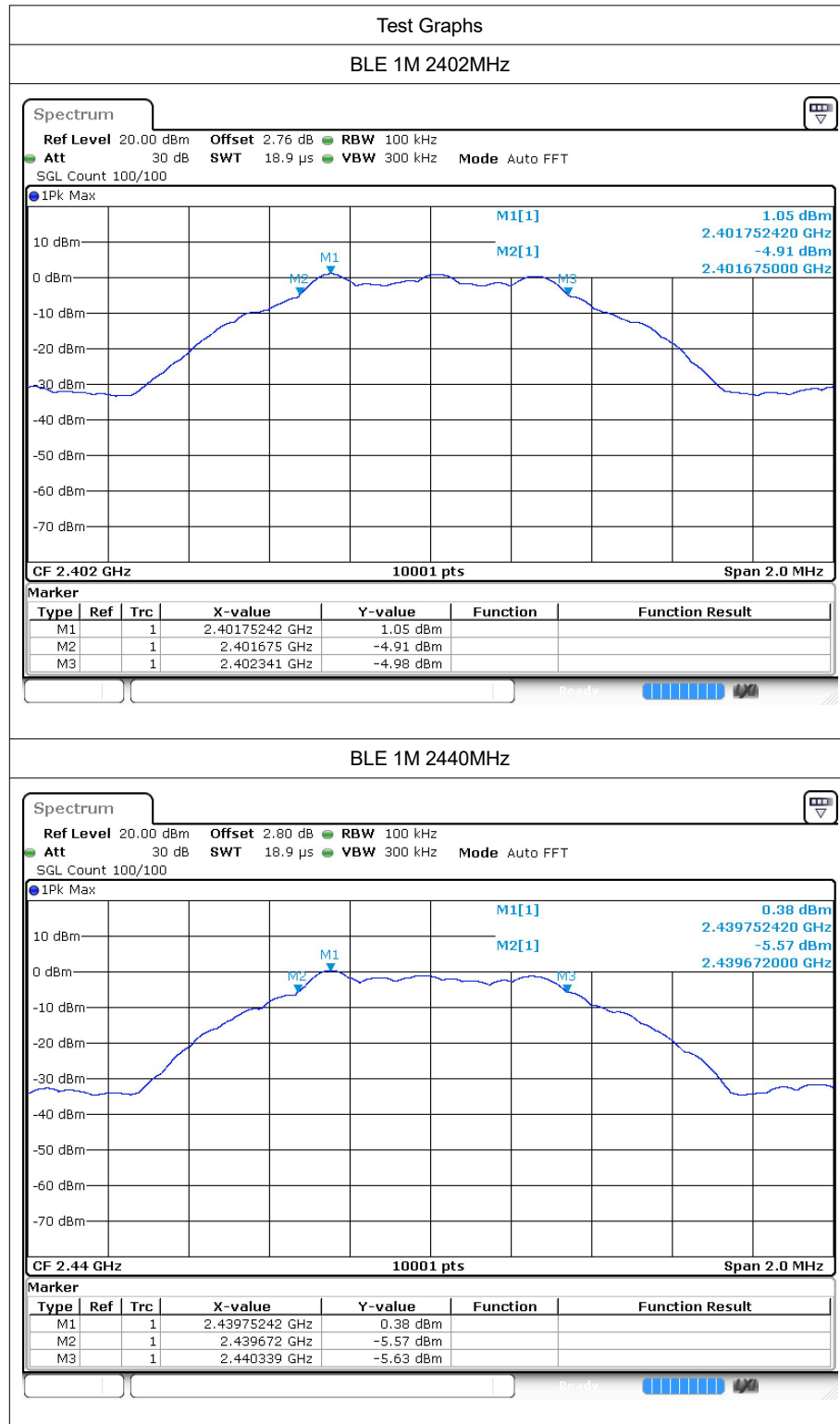


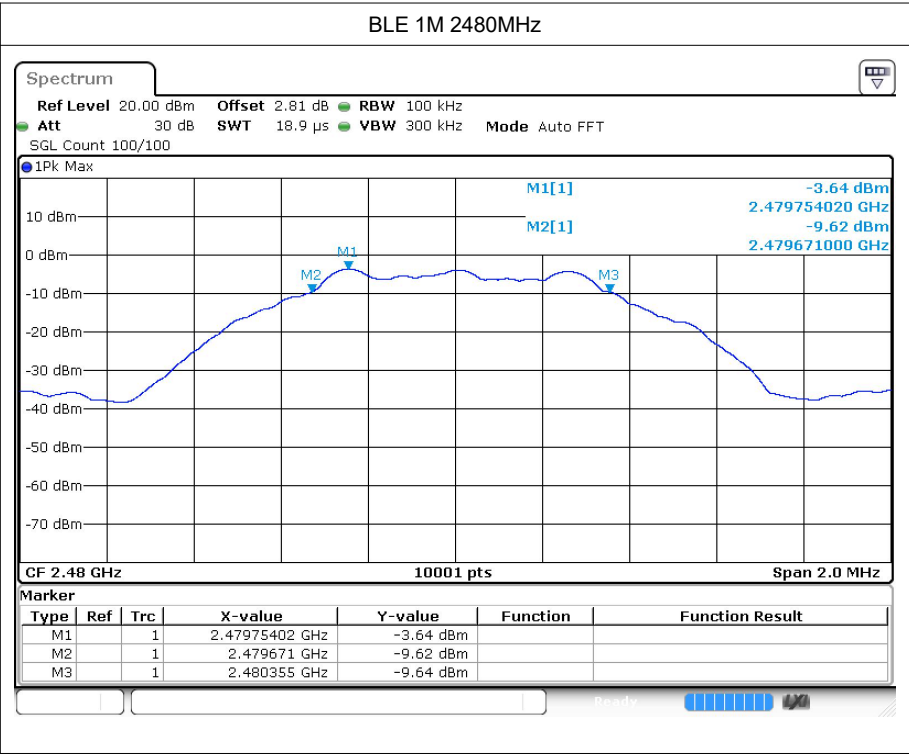
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.666	0.5	Pass
BLE 1M	2440	0.667	0.5	Pass
BLE 1M	2480	0.685	0.5	Pass

3.2 Test Graphs



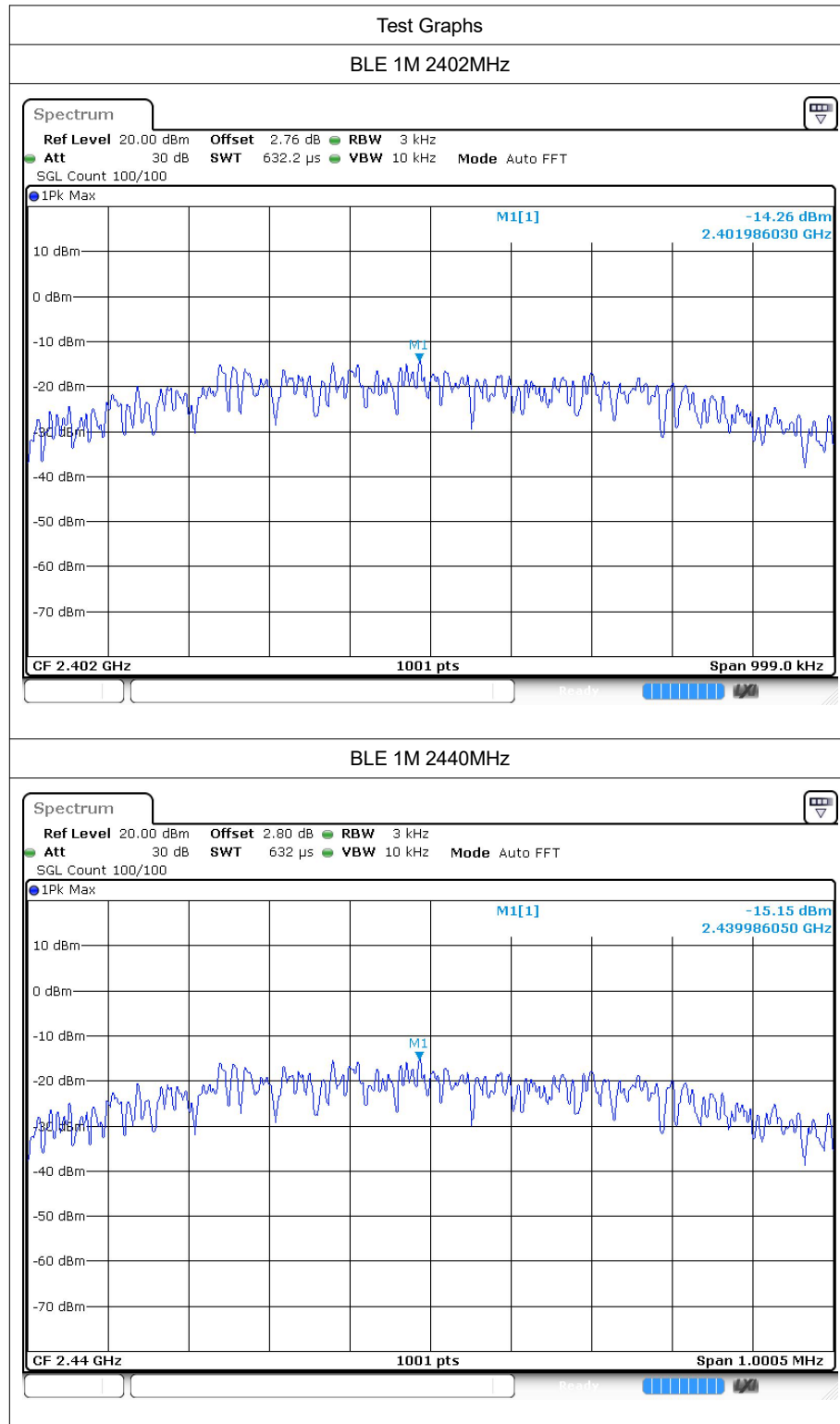


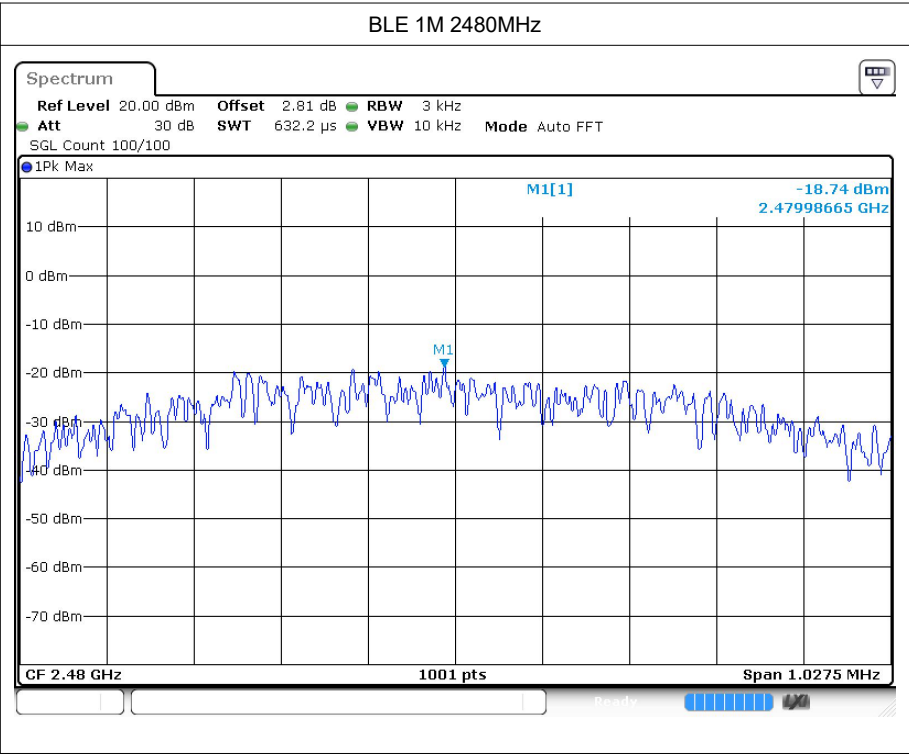
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-14.26	≤ 8	Pass
BLE 1M	2440	-15.15	≤ 8	Pass
BLE 1M	2480	-18.74	≤ 8	Pass

4.2 Test Graphs





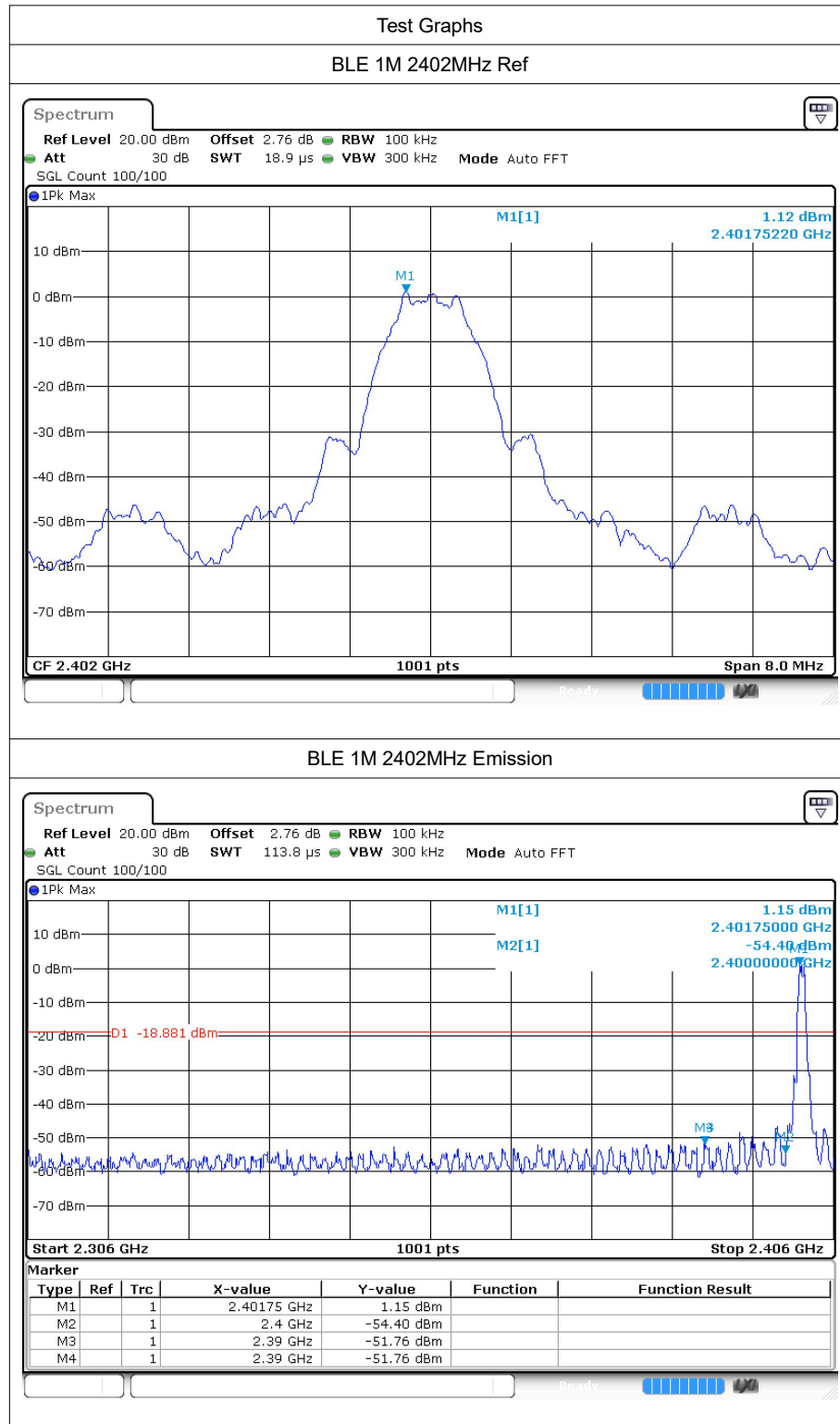


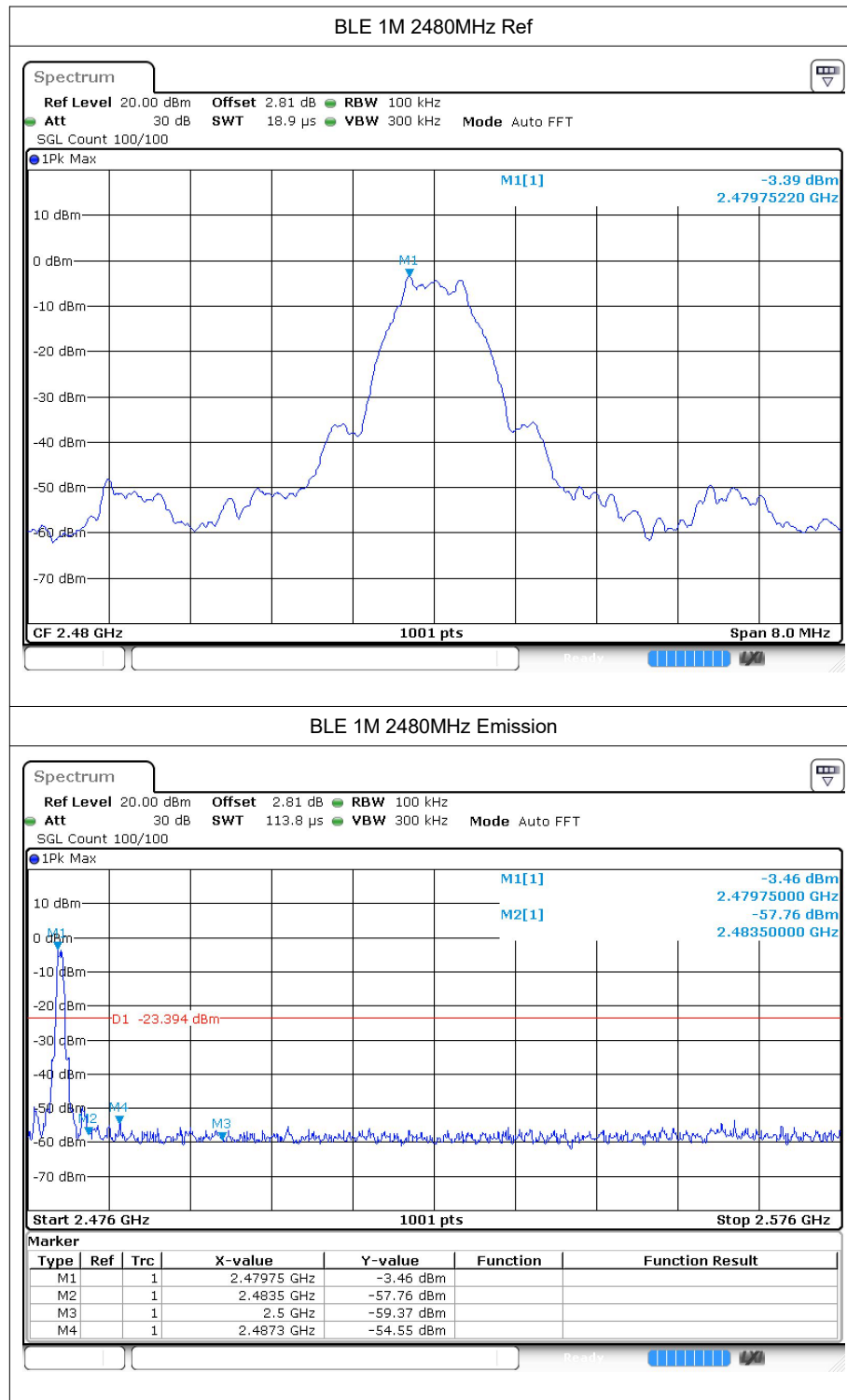
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-52.88	-20	Pass
BLE 1M	2480	-51.16	-20	Pass

5.2 Test Graphs





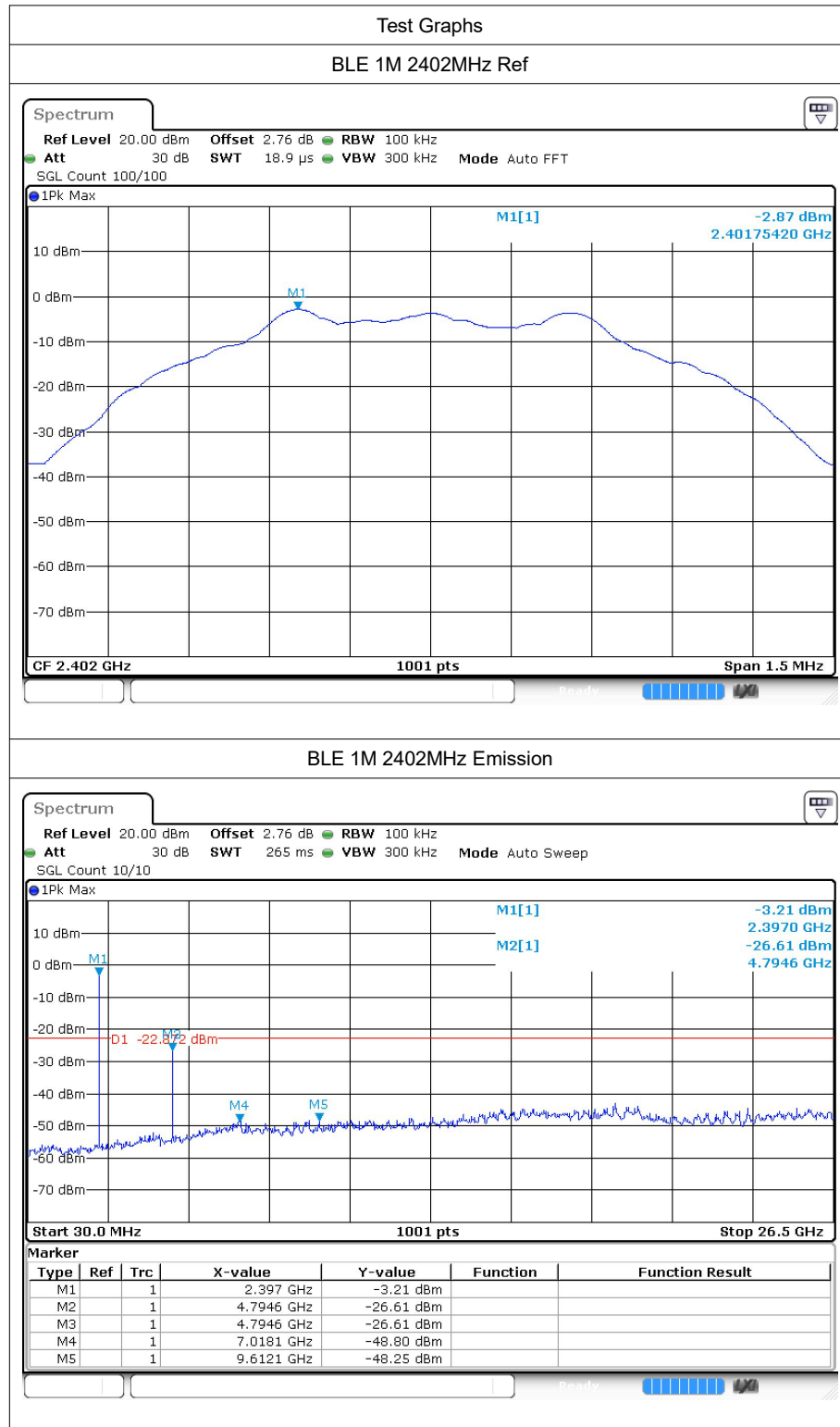


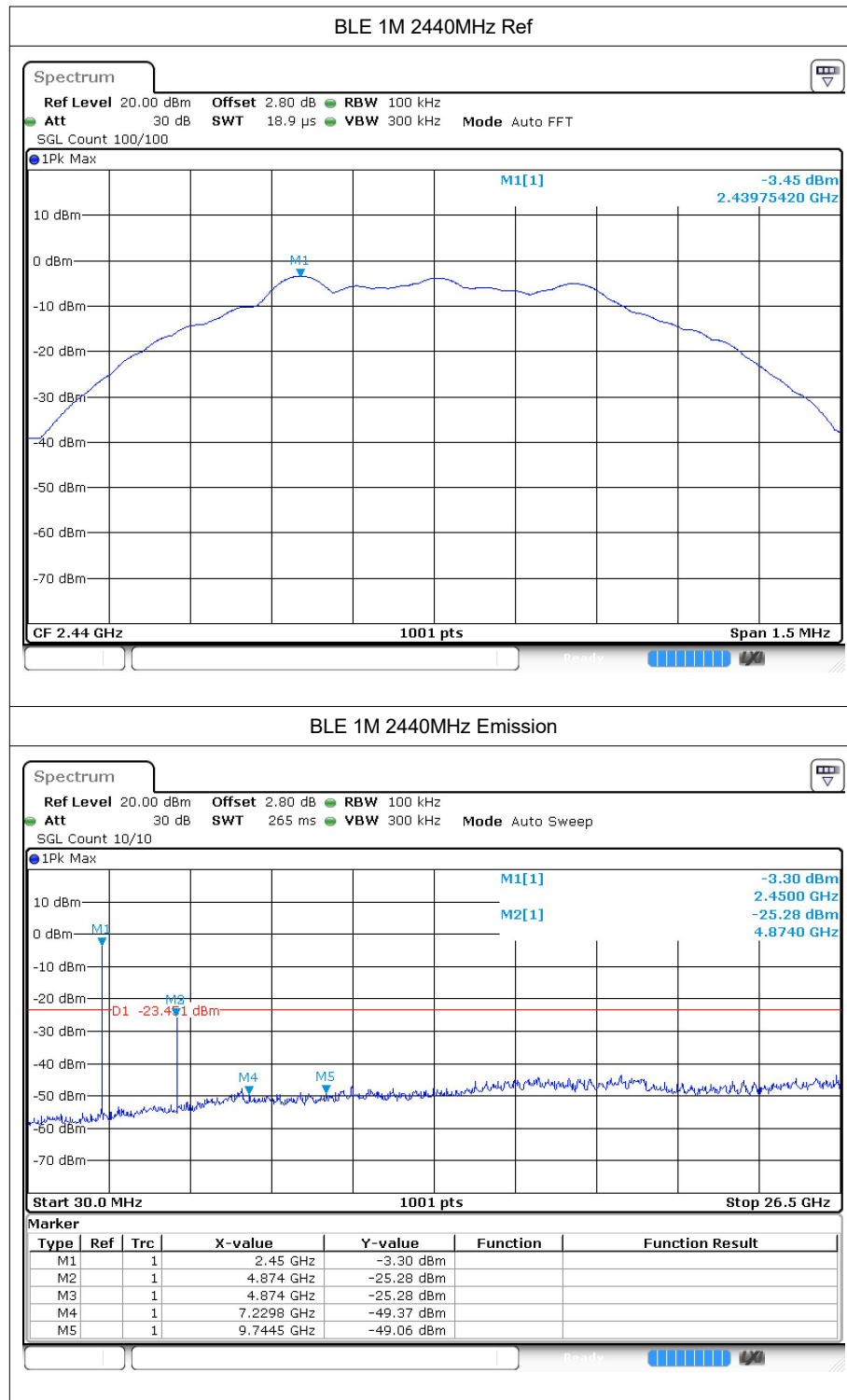
6 Conducted RF Spurious Emission

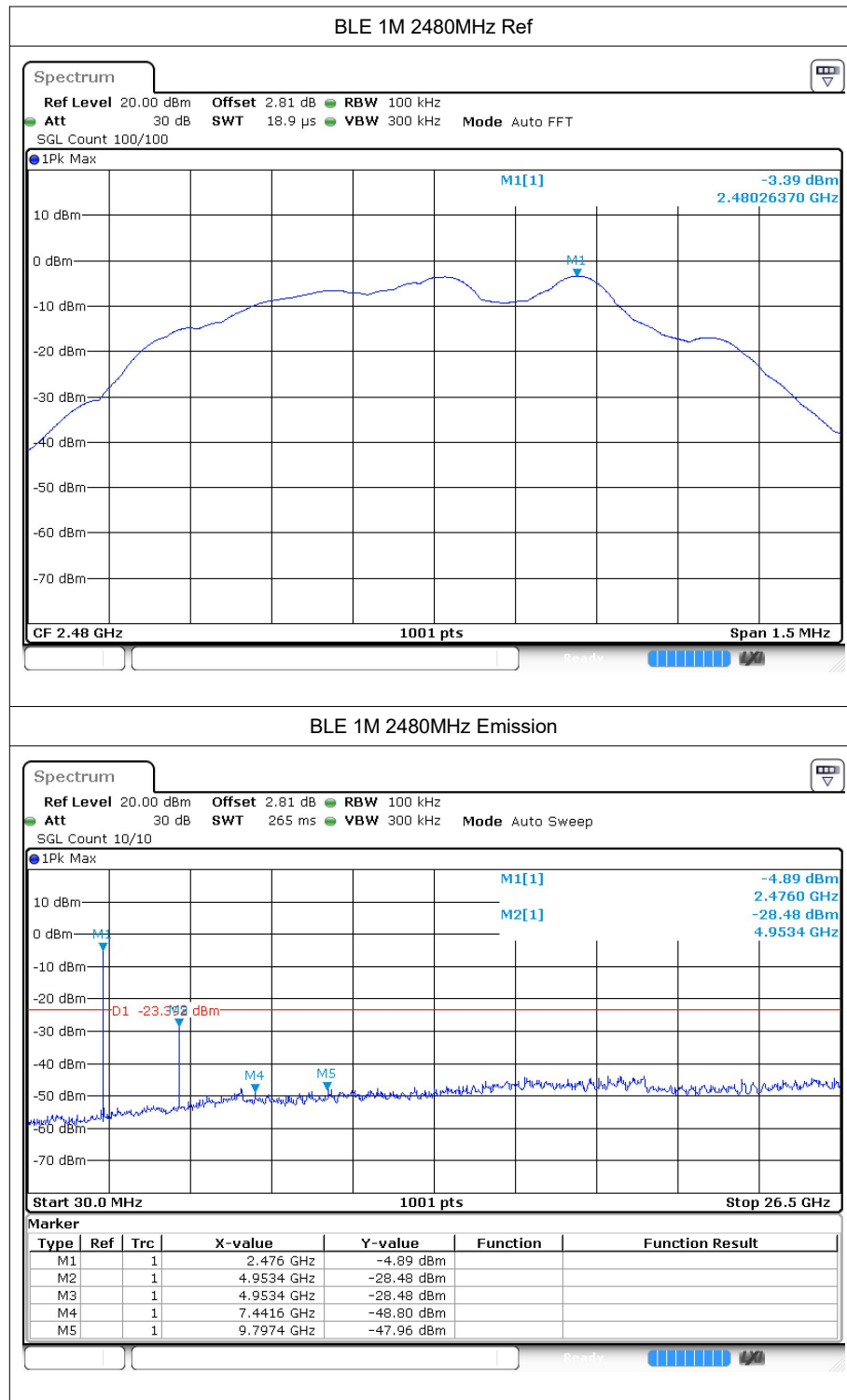
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-23.73	-20	Pass
BLE 1M	2440	-21.83	-20	Pass
BLE 1M	2480	-25.09	-20	Pass

6.2 Test Graphs







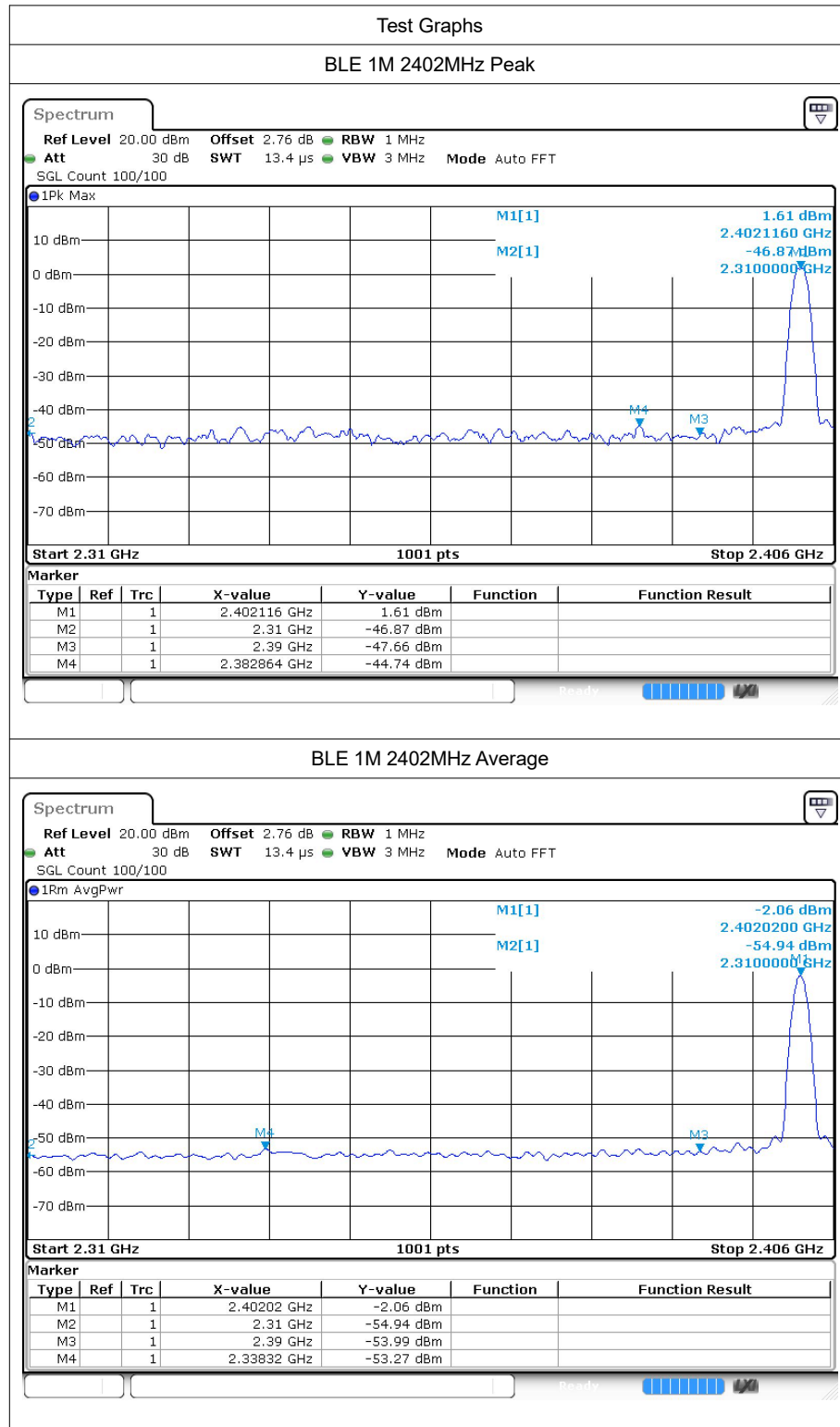


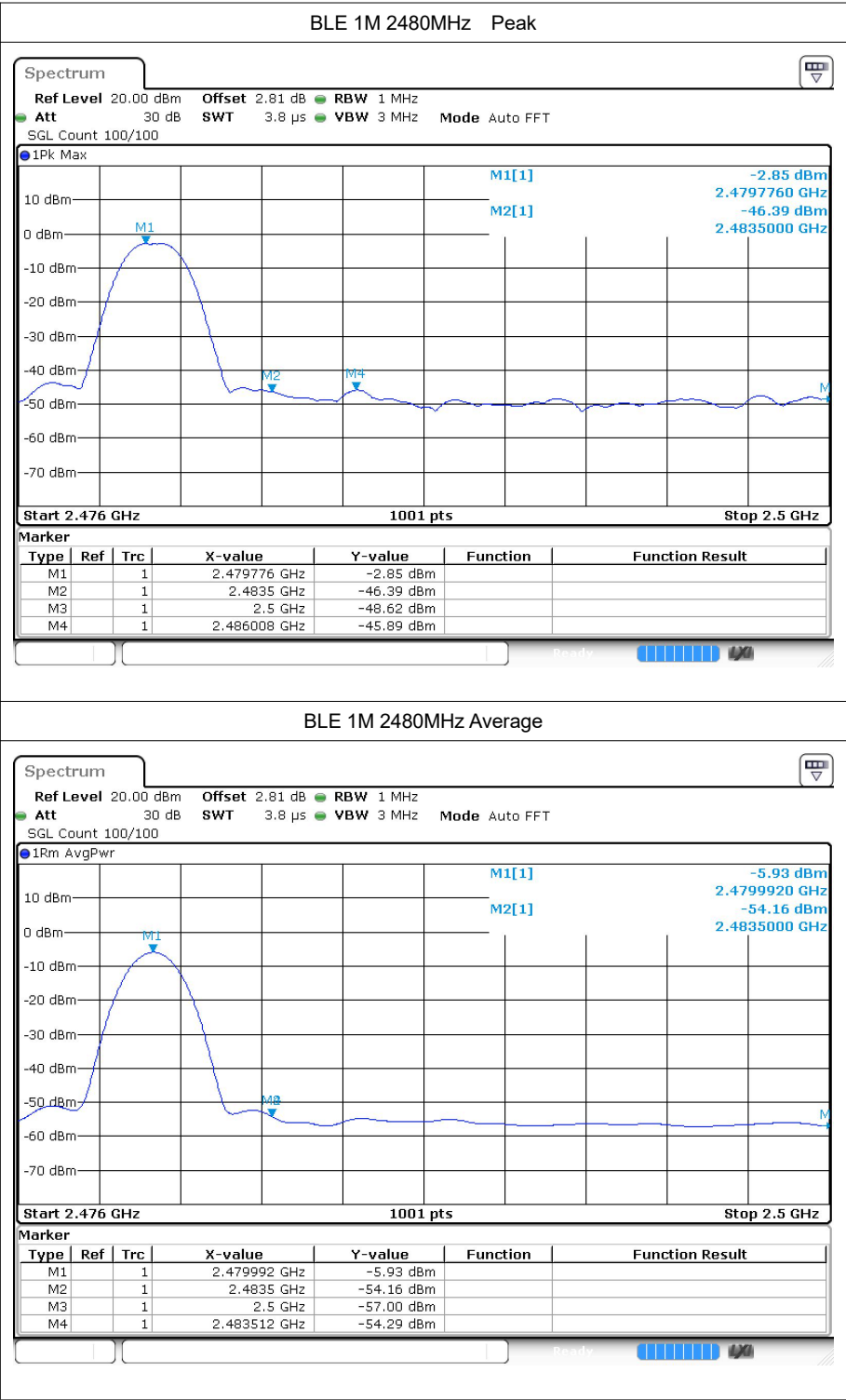
7 Restrict Band

7.1 Test Result

Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
BLE 1M	2402	2310	-46.87	2	-	50.39	Peak	74	Pass
BLE 1M	2402	2310	-54.94	2	1.73	44.05	Average	54	Pass
BLE 1M	2402	2382.864	-44.73	2	-	52.53	Peak	74	Pass
BLE 1M	2402	2338.32	-53.26	2	1.73	45.73	Average	54	Pass
BLE 1M	2402	2390	-47.66	2	-	49.6	Peak	74	Pass
BLE 1M	2402	2390	-53.99	2	1.73	45	Average	54	Pass
BLE 1M	2480	2483.5	-46.39	2	-	50.87	Peak	74	Pass
BLE 1M	2480	2483.5	-54.16	2	1.73	44.83	Average	54	Pass
BLE 1M	2480	2486.008	-45.89	2	-	51.37	Peak	74	Pass
BLE 1M	2480	2483.512	-54.29	2	1.73	44.7	Average	54	Pass
BLE 1M	2480	2500	-48.62	2	-	48.64	Peak	74	Pass
BLE 1M	2480	2500	-57	2	1.73	41.99	Average	54	Pass

7.2 Test Graphs





---The End---