



Appendix B

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

Product Name: myFirst Watch F1

Trade Mark: myFirst

Test Model: KW1801

Environmental Conditions

Temperature:	24.5° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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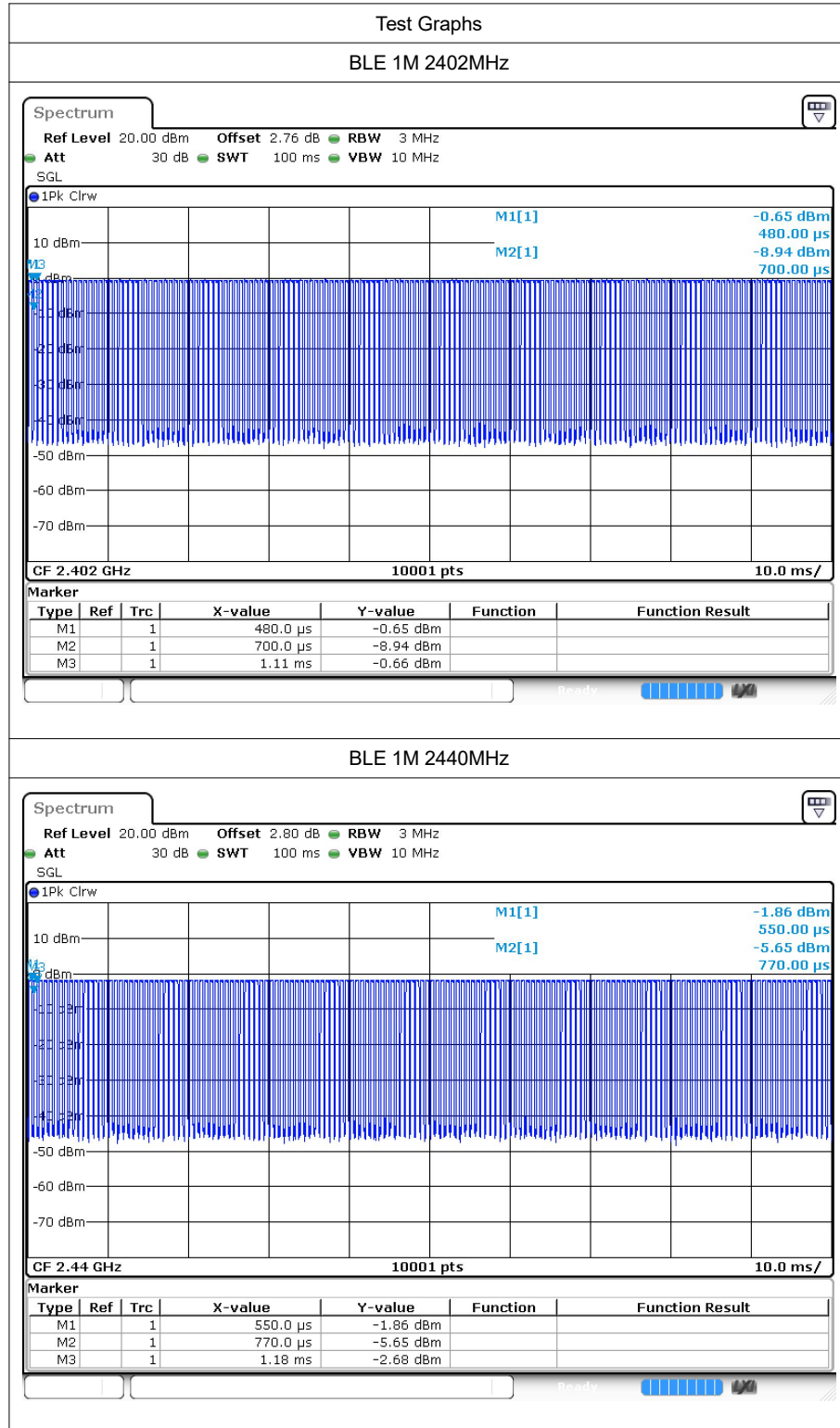


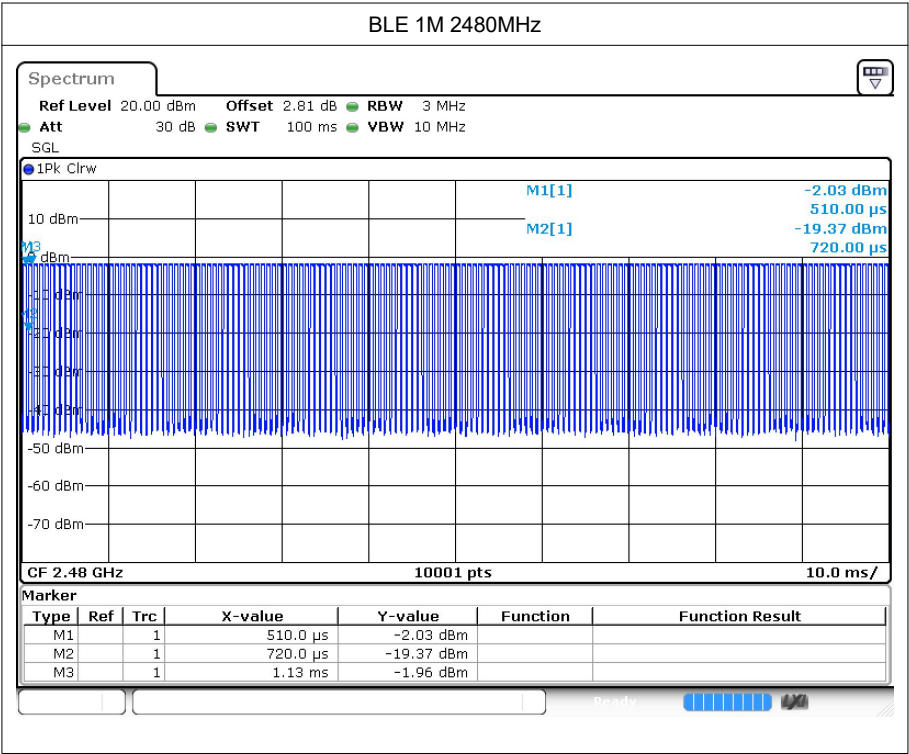
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
BLE 1M	2402	67.19	1.73	2.44
BLE 1M	2440	67.19	1.73	2.44
BLE 1M	2480	67.19	1.73	2.44

1.2 Test Graphs





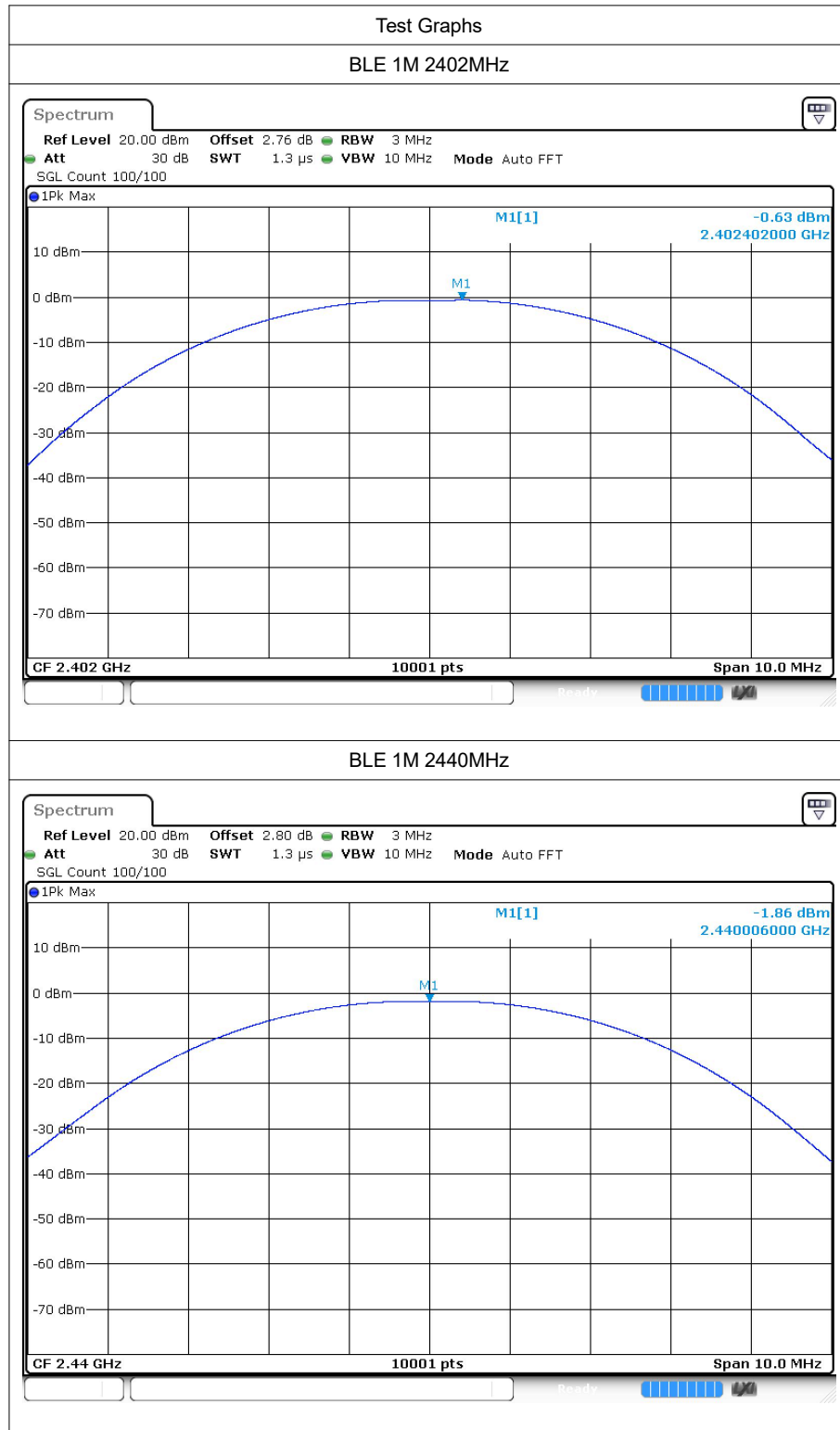


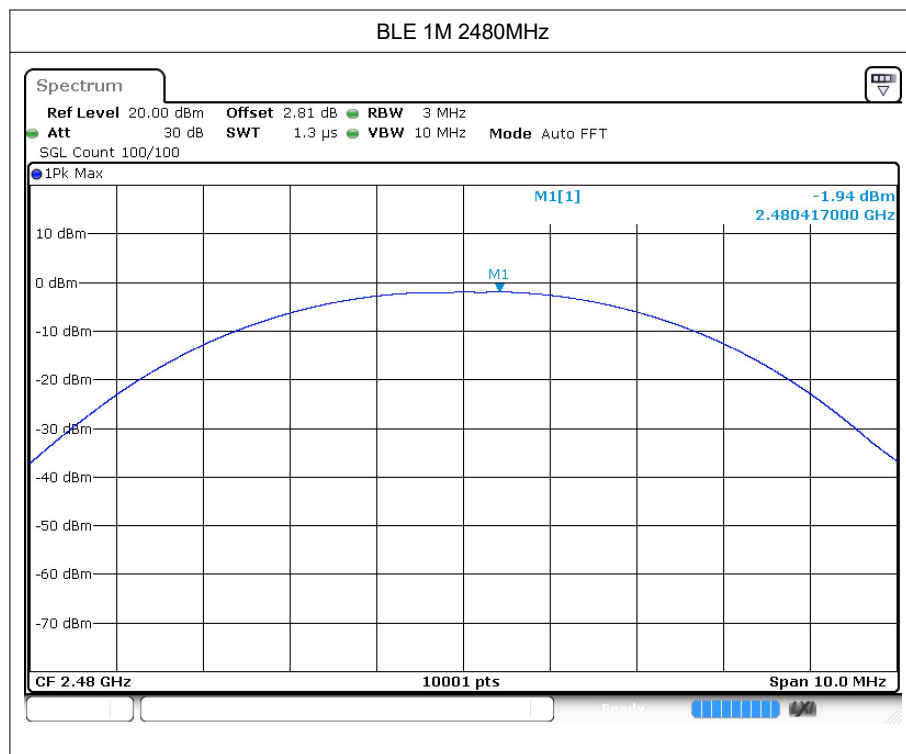
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	-0.63	30	Pass
BLE 1M	2440	-1.86	30	Pass
BLE 1M	2480	-1.94	30	Pass

2.2 Test Graphs





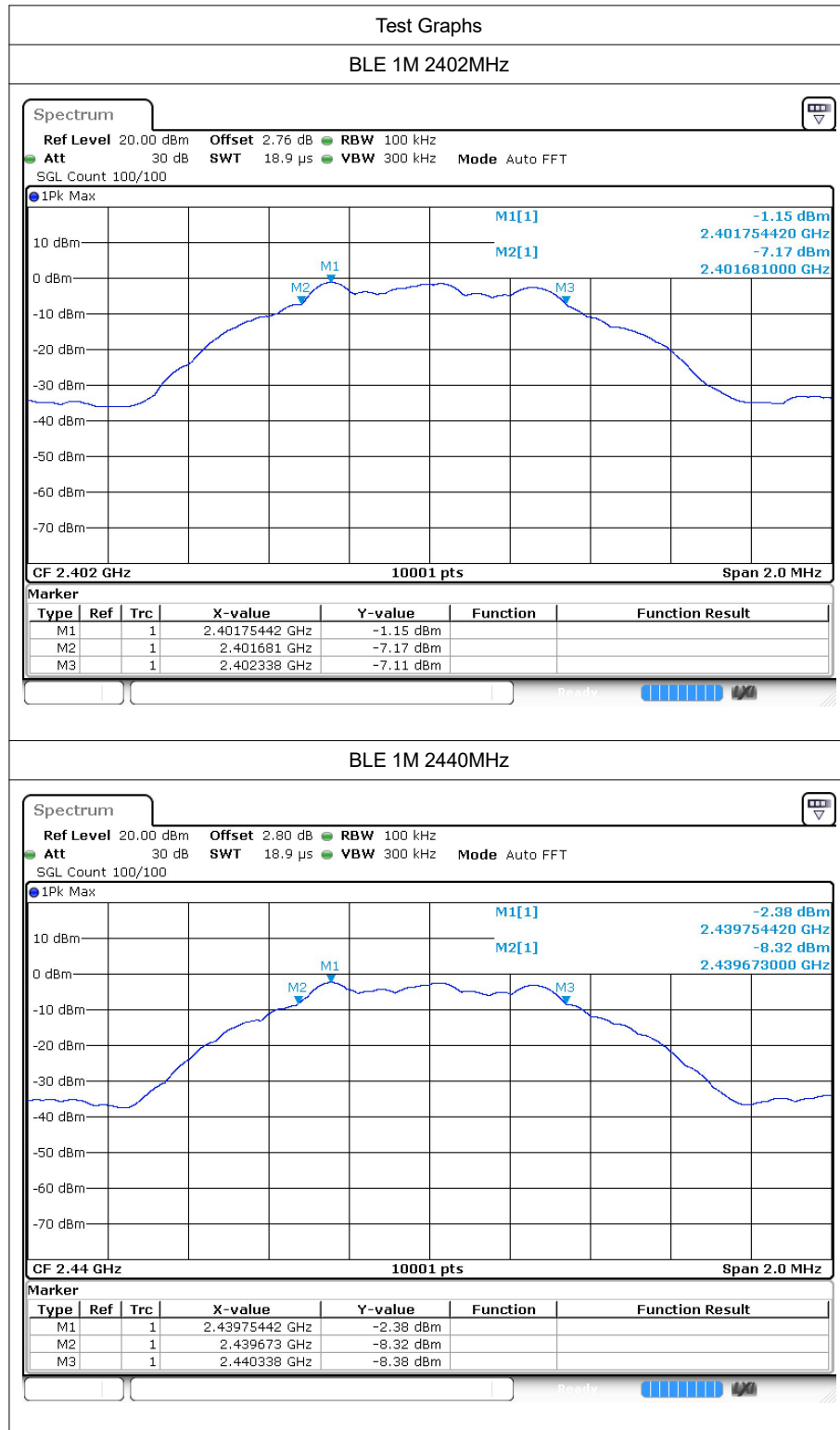


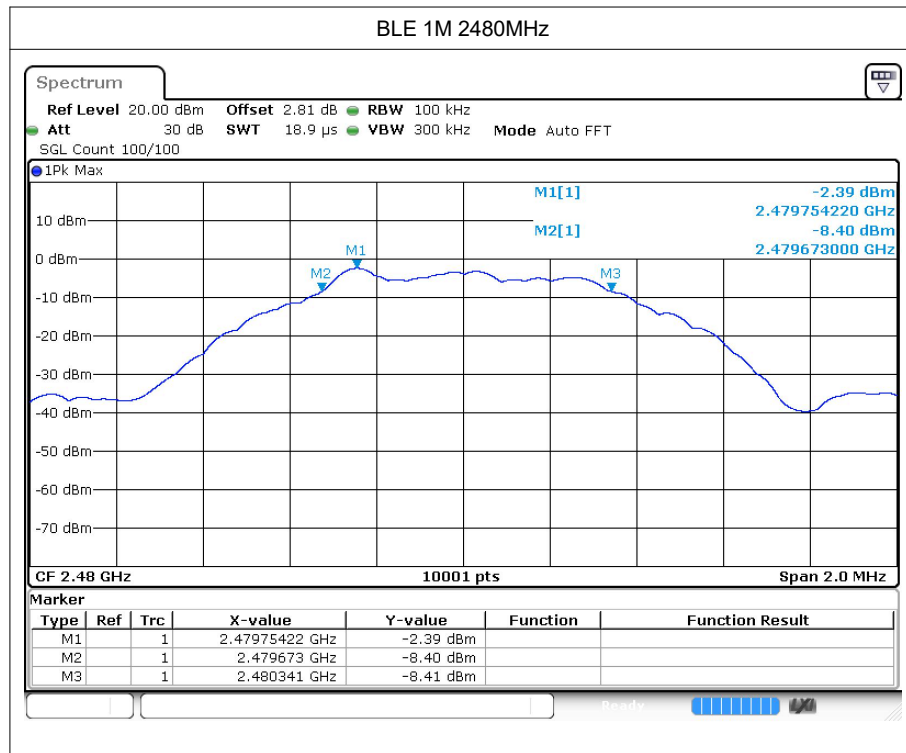
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.657	0.5	Pass
BLE 1M	2440	0.665	0.5	Pass
BLE 1M	2480	0.668	0.5	Pass

3.2 Test Graphs





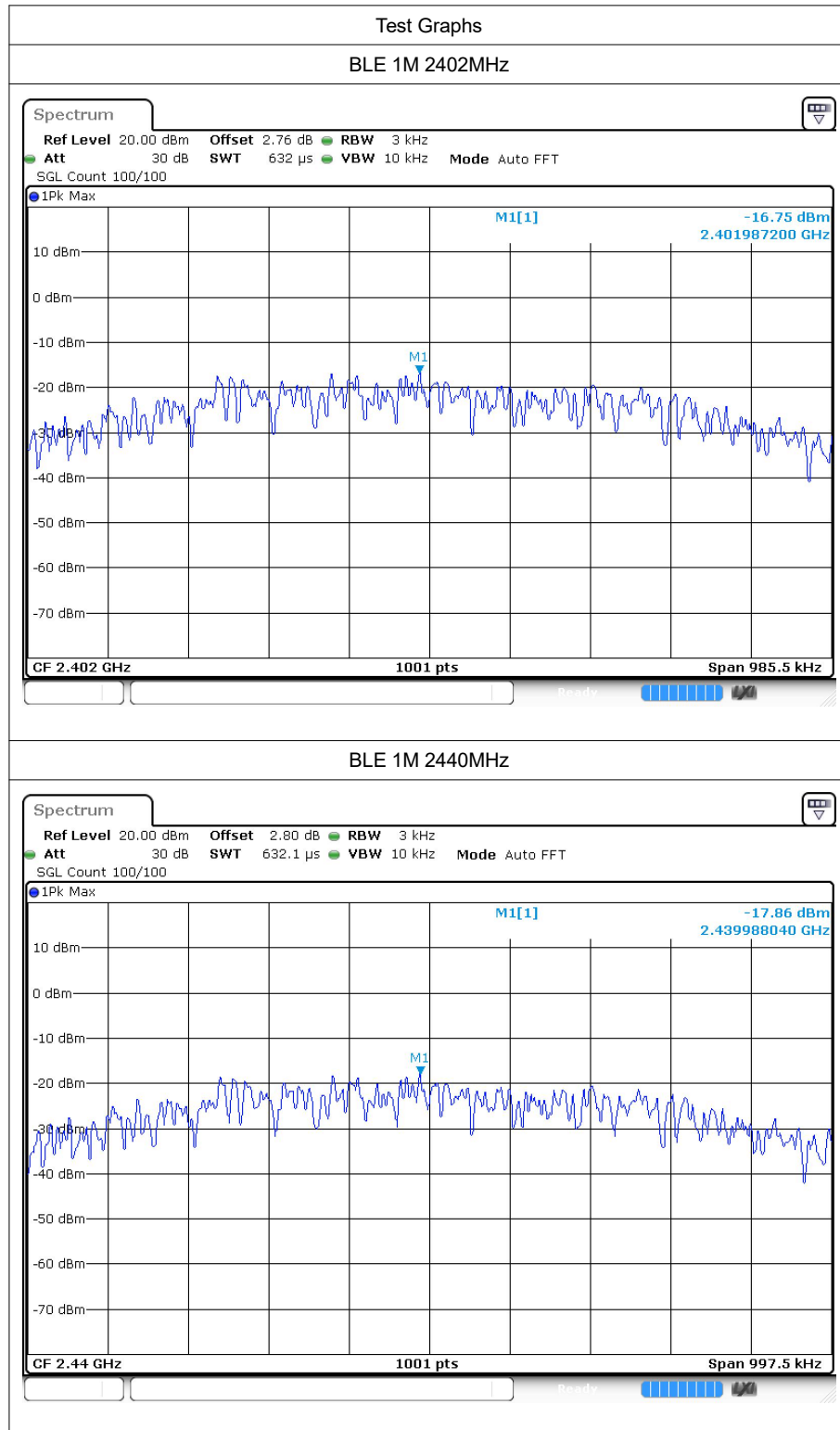


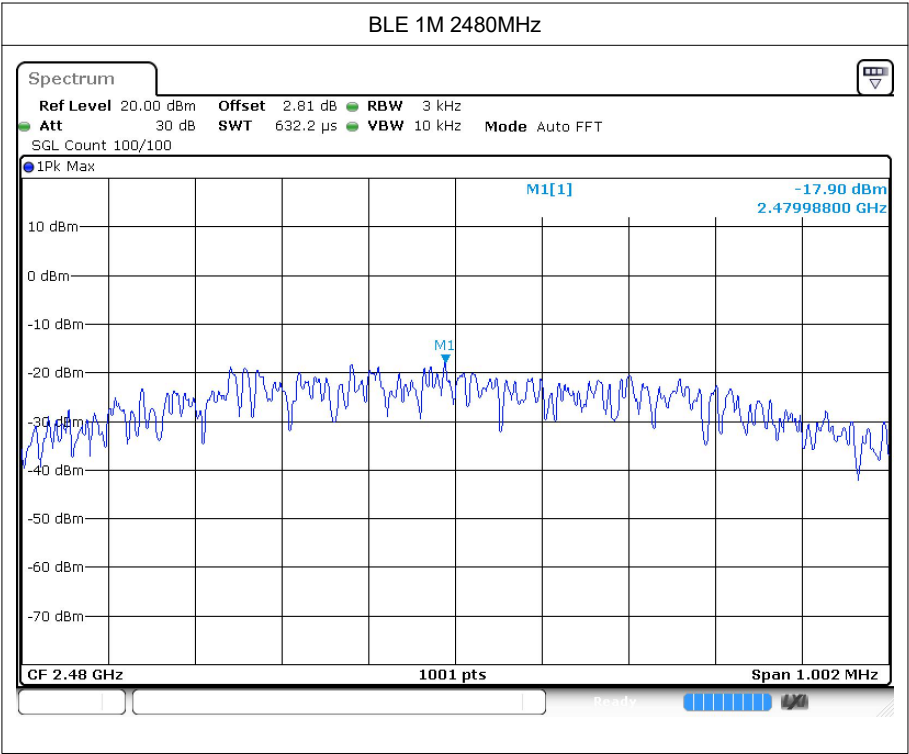
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-16.75	≤ 8	Pass
BLE 1M	2440	-17.86	≤ 8	Pass
BLE 1M	2480	-17.9	≤ 8	Pass

4.2 Test Graphs





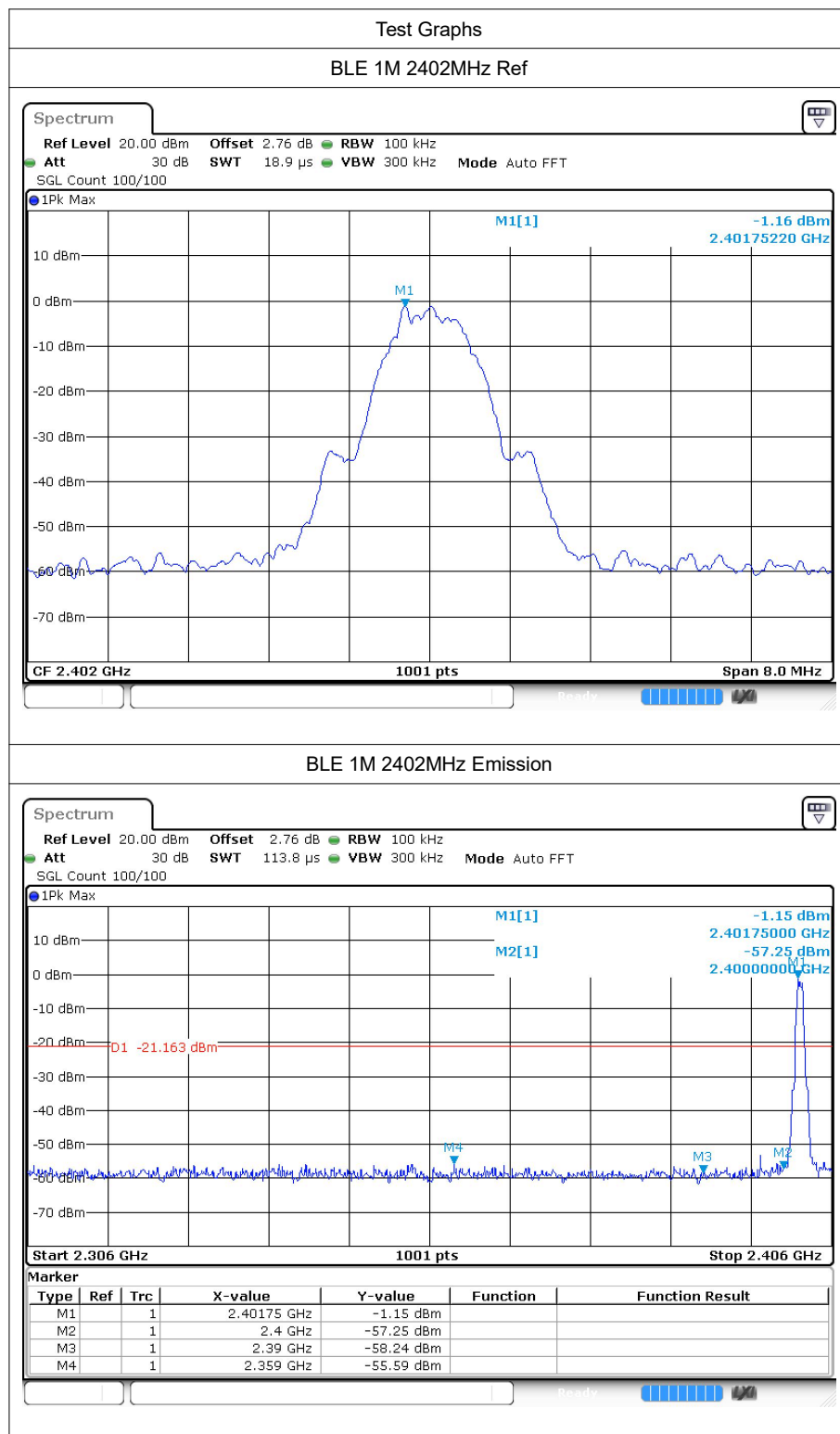


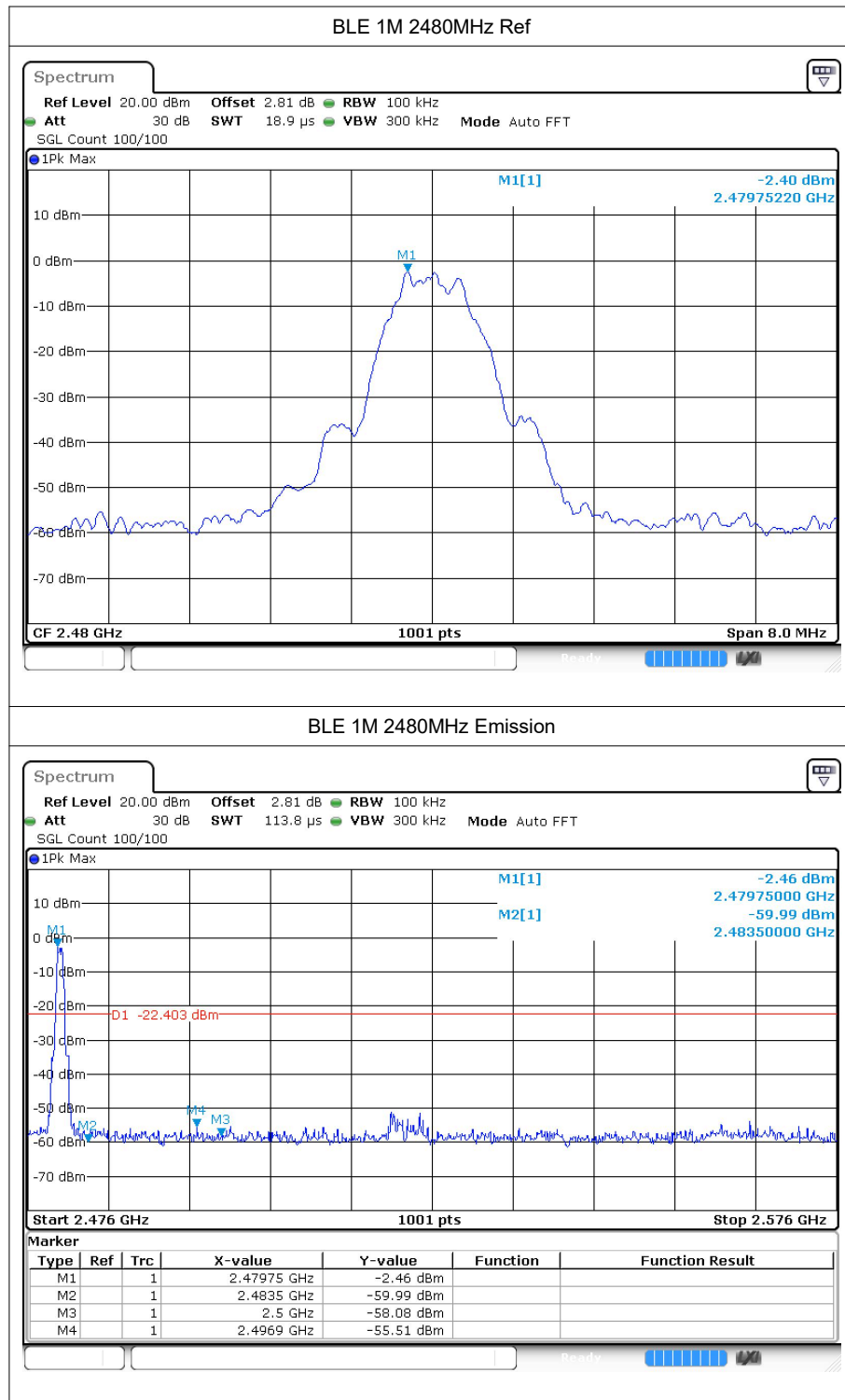
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-54.43	-20	Pass
BLE 1M	2480	-53.11	-20	Pass

5.2 Test Graphs



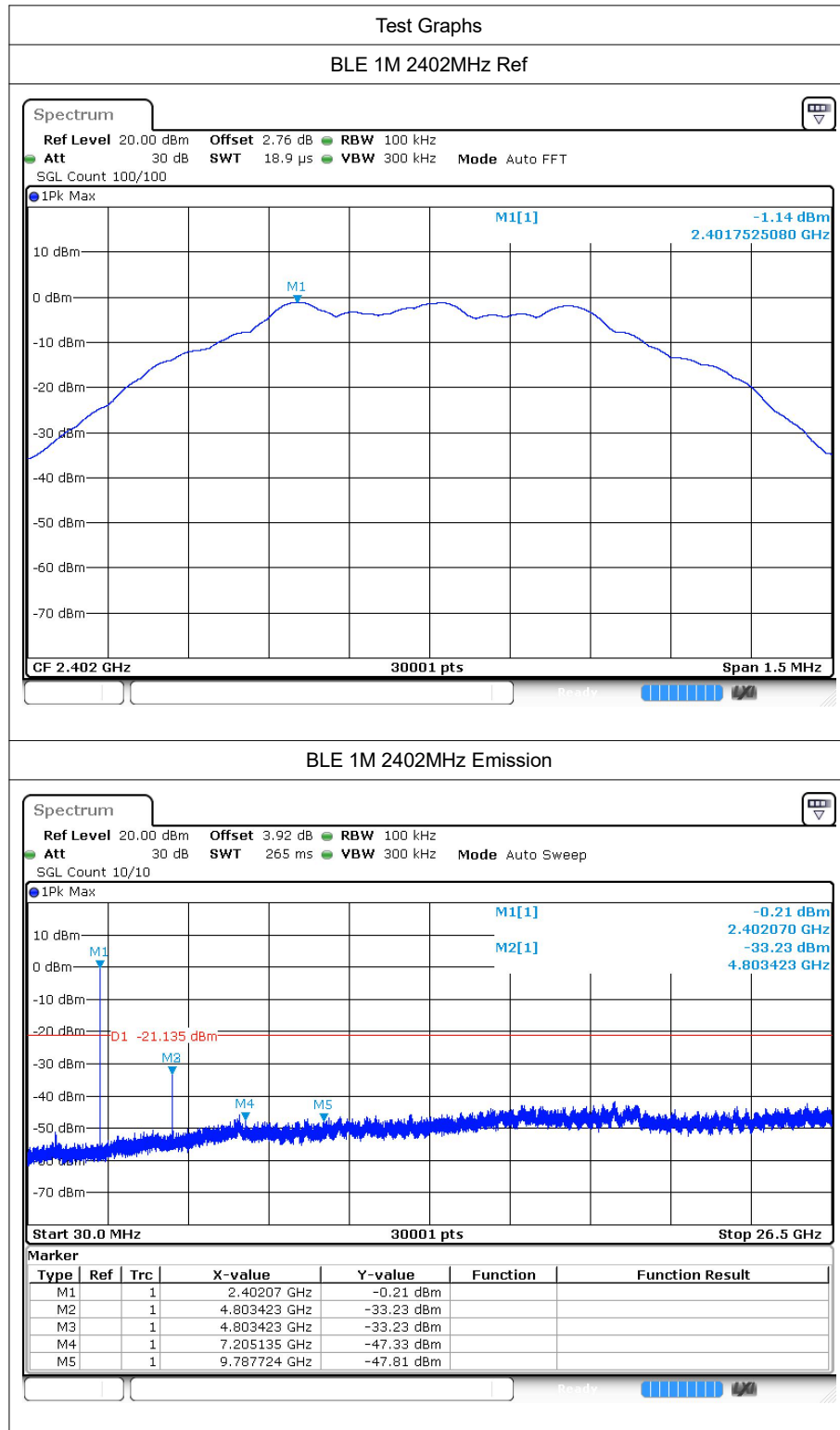


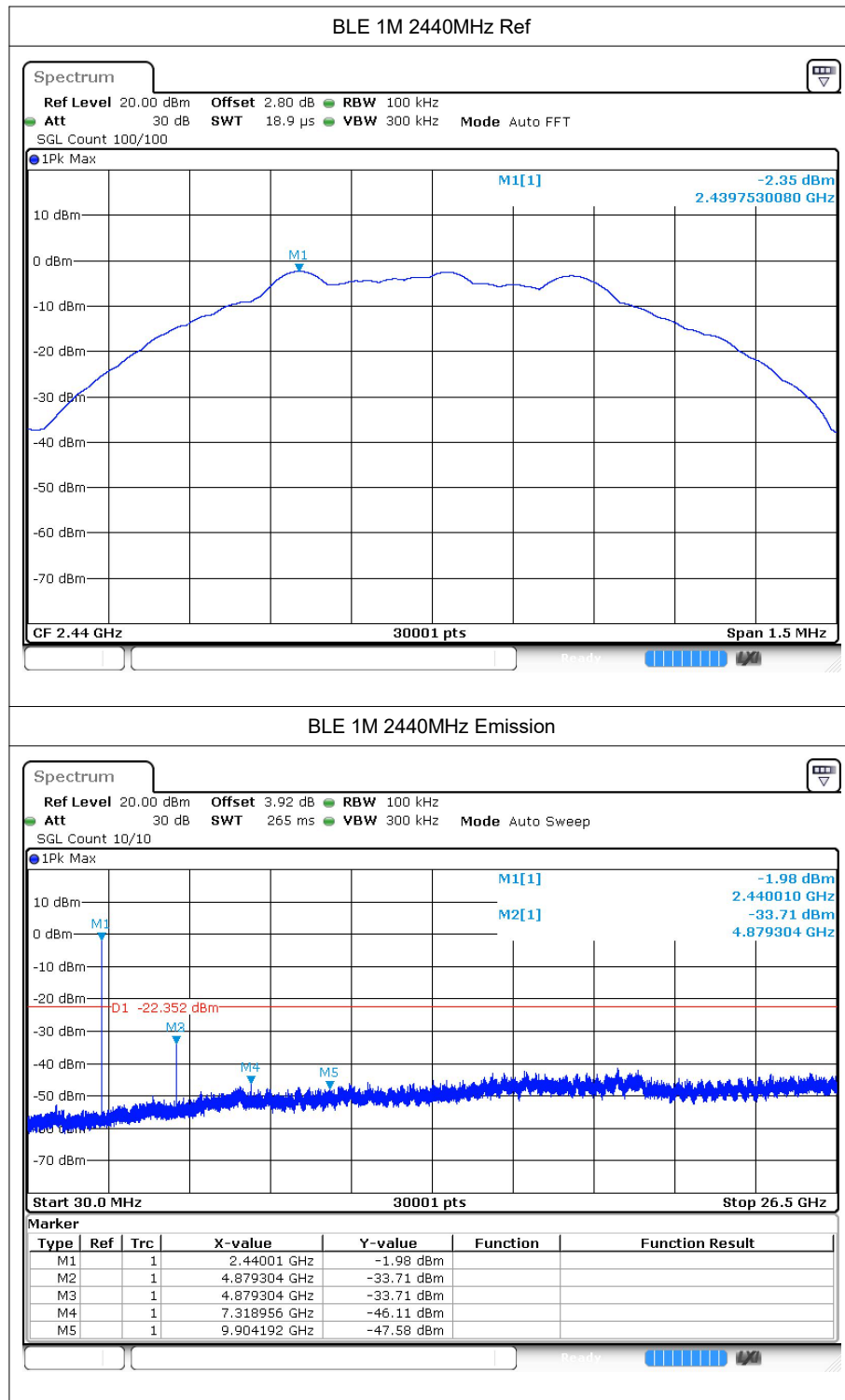
6 Conducted RF Spurious Emission

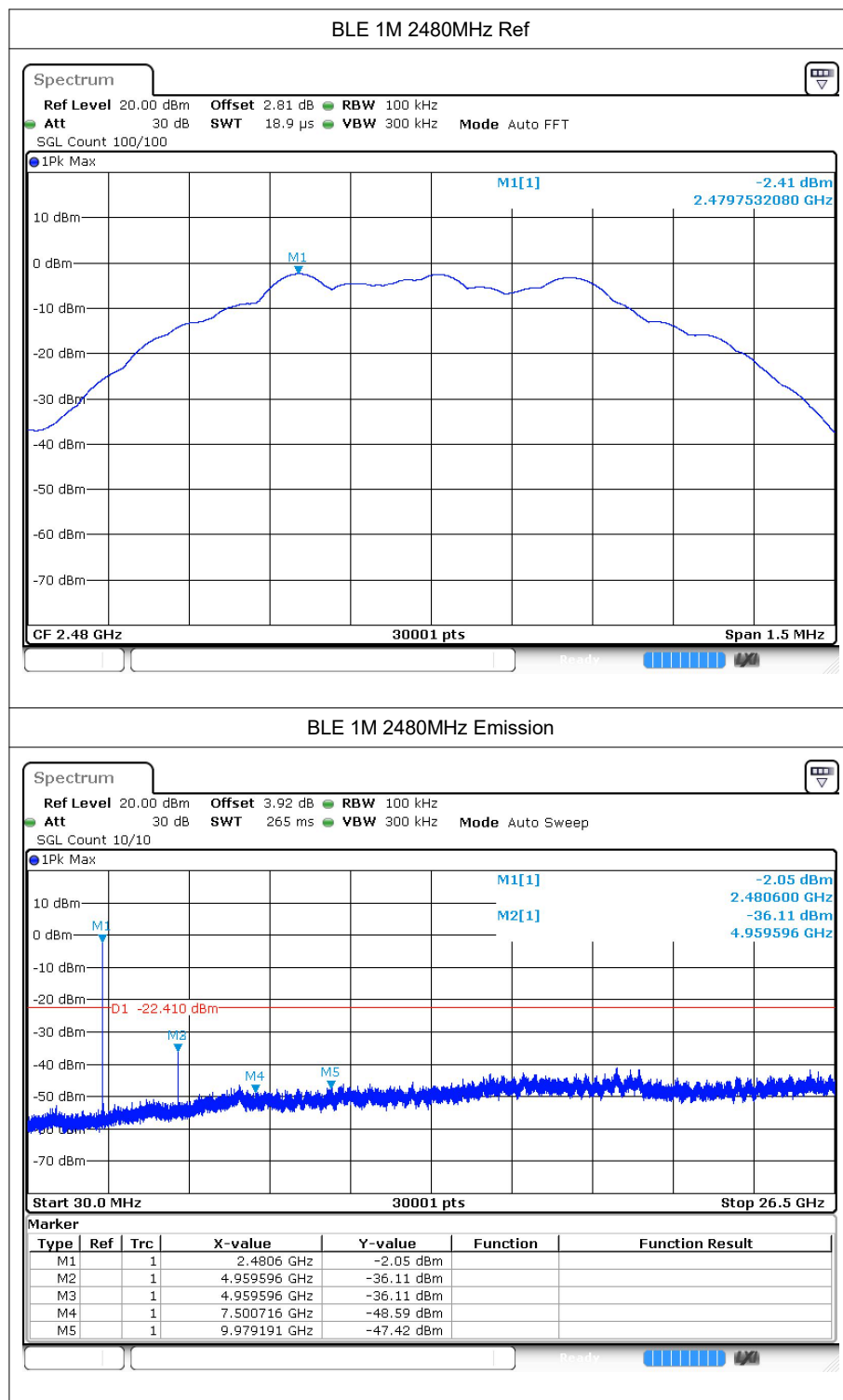
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-32.08	-20	Pass
BLE 1M	2440	-31.35	-20	Pass
BLE 1M	2480	-33.7	-20	Pass

6.2 Test Graphs







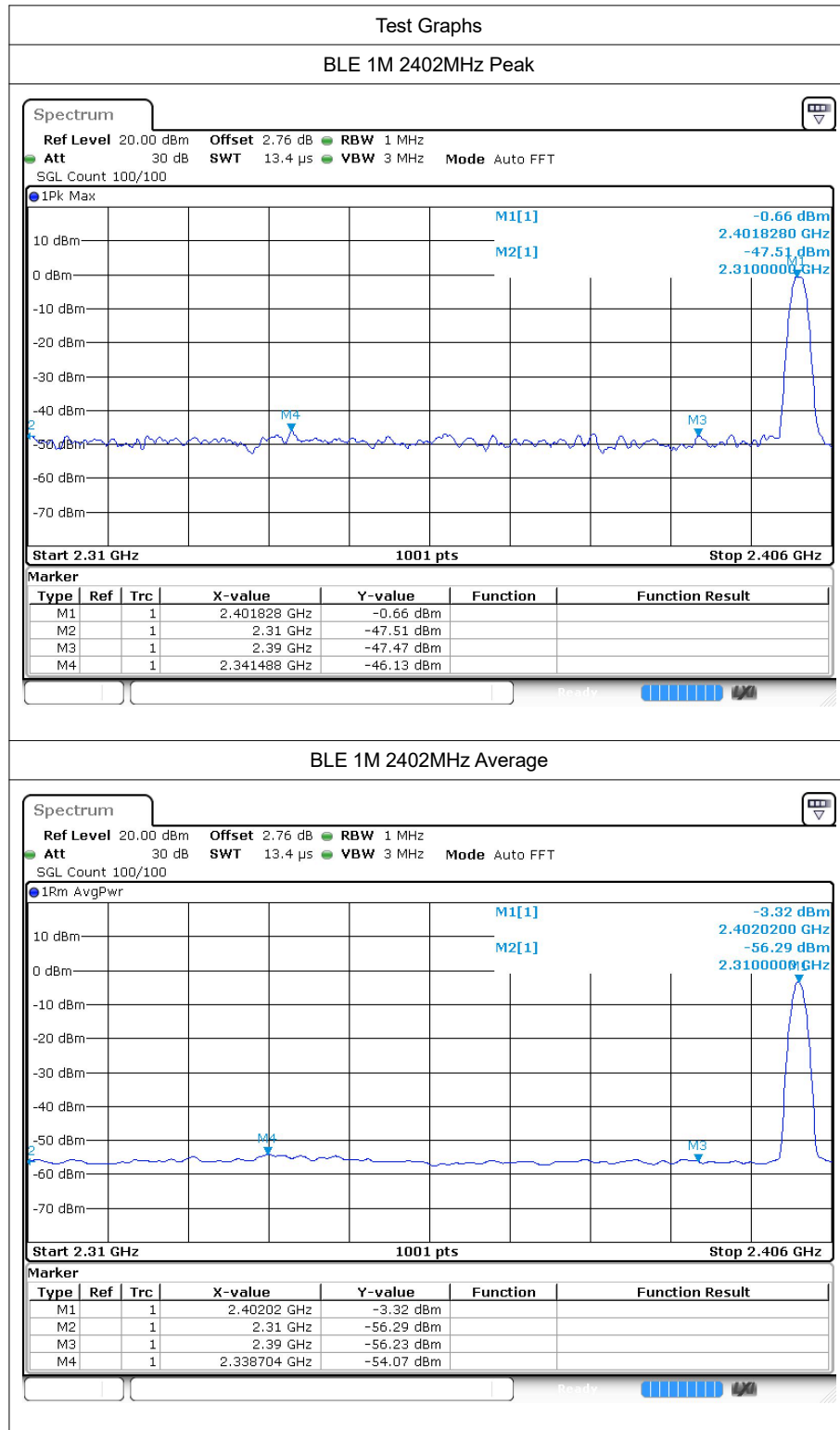


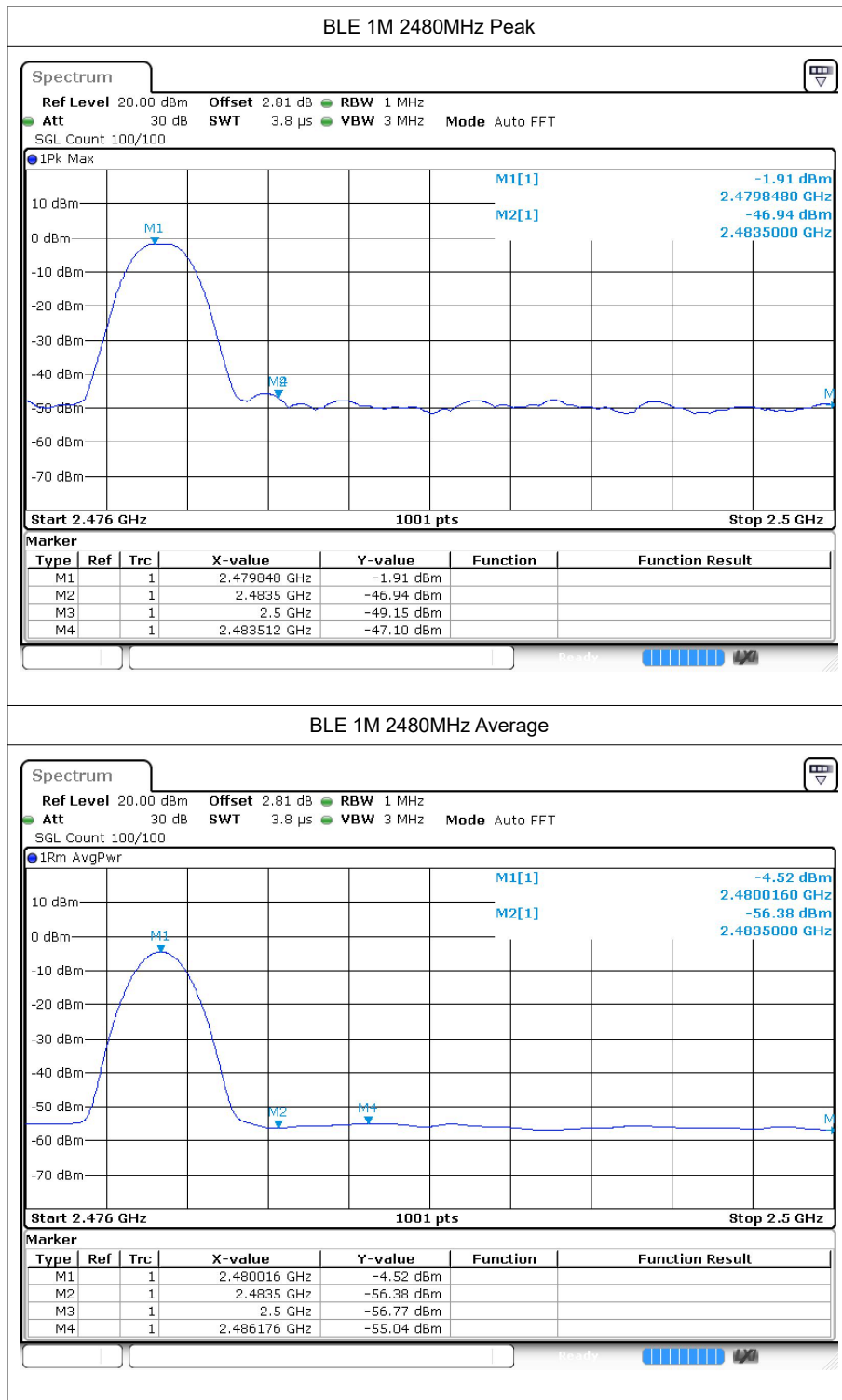
7 Restrict Band

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	-47.51	2	-	49.75	Peak	74	Pass
BLE 1M	2402	2310	-56.29	2	1.73	42.7	Average	54	Pass
BLE 1M	2402	2341.488	-46.12	2	-	51.14	Peak	74	Pass
BLE 1M	2402	2338.704	-54.06	2	1.73	44.93	Average	54	Pass
BLE 1M	2402	2390	-47.47	2	-	49.79	Peak	74	Pass
BLE 1M	2402	2390	-56.23	2	1.73	42.76	Average	54	Pass
BLE 1M	2480	2483.5	-46.94	2	-	50.32	Peak	74	Pass
BLE 1M	2480	2483.5	-56.38	2	1.73	42.61	Average	54	Pass
BLE 1M	2480	2483.512	-47.1	2	-	50.16	Peak	74	Pass
BLE 1M	2480	2486.176	-55.03	2	1.73	43.96	Average	54	Pass
BLE 1M	2480	2500	-49.15	2	-	48.11	Peak	74	Pass
BLE 1M	2480	2500	-56.77	2	1.73	42.22	Average	54	Pass

7.2 Test Graphs





---The End---