



Appendix B

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

Product Name: Wireless Remote Control

Trade Mark: LiDii

Test Model: Y01

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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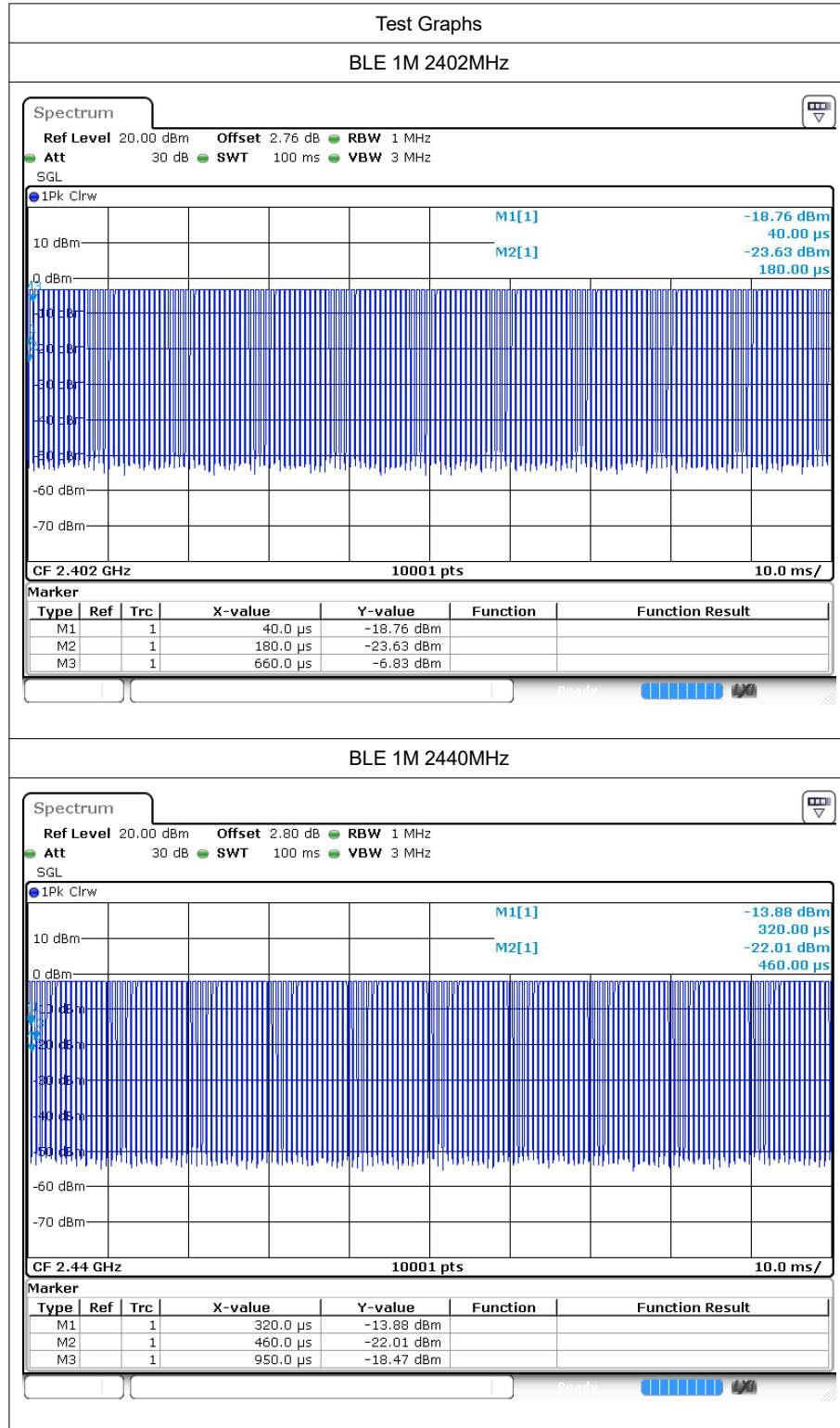


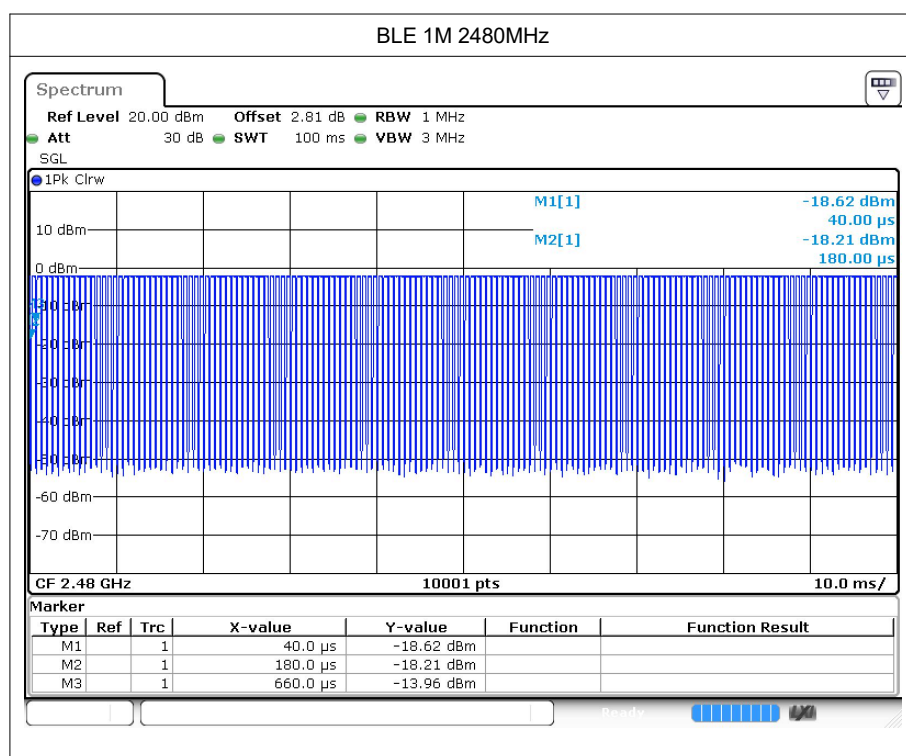
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
BLE 1M	2402	78.4	1.06	2.08
BLE 1M	2440	78.68	1.04	2.04
BLE 1M	2480	78.55	1.05	2.08

1.2 Test Graphs





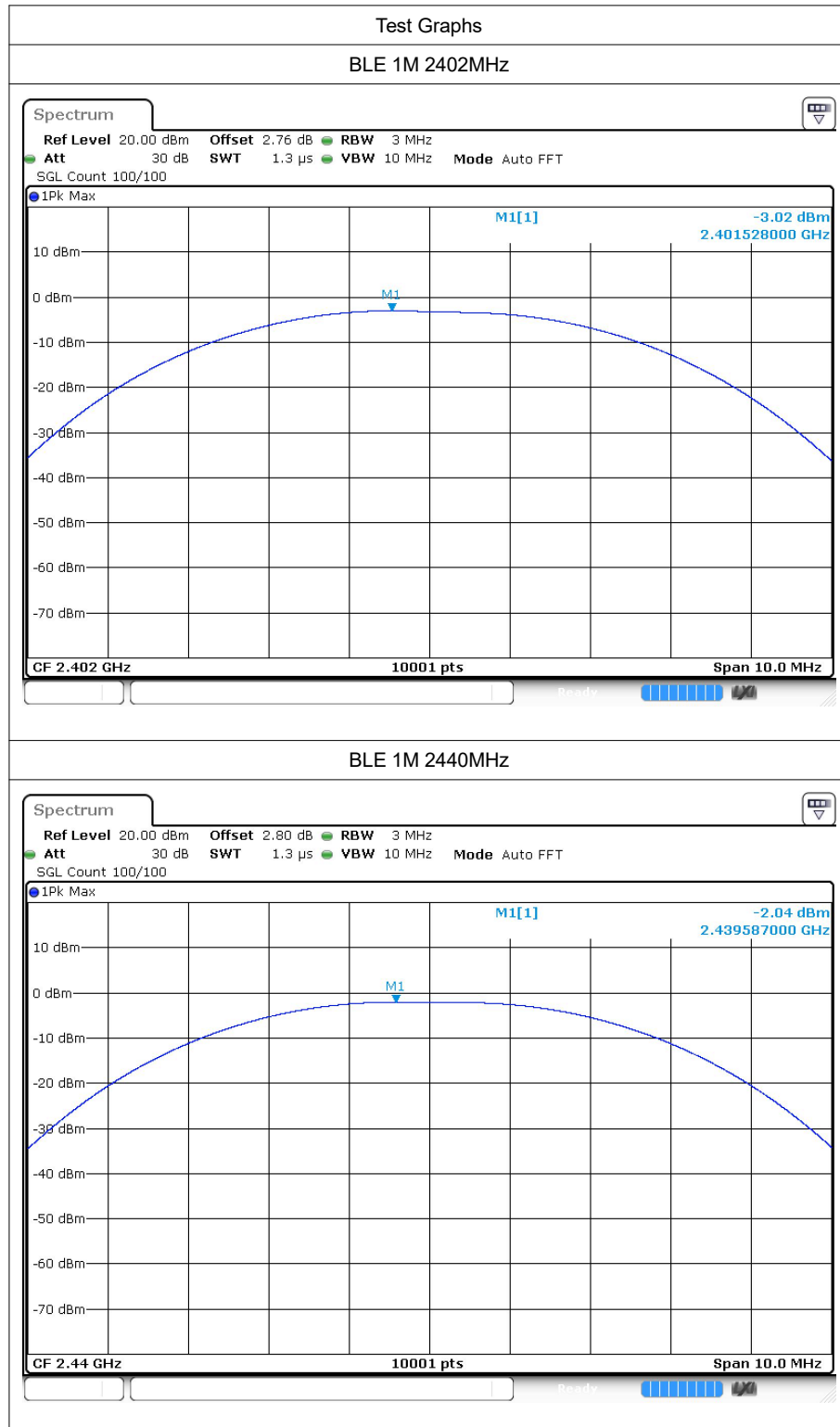


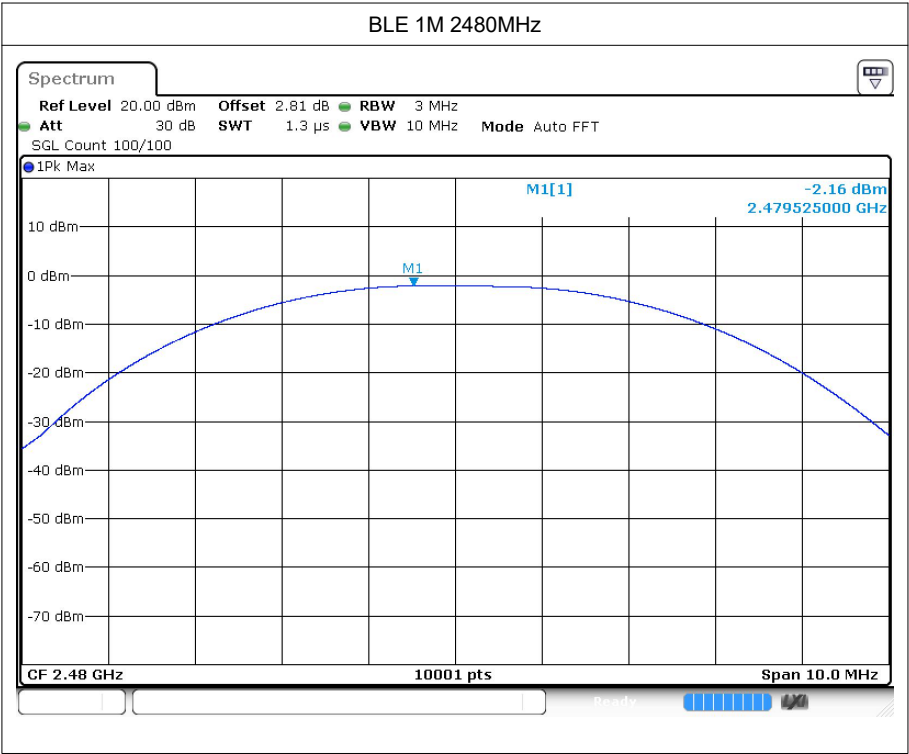
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	-3.02	30	Pass
BLE 1M	2440	-2.04	30	Pass
BLE 1M	2480	-2.16	30	Pass

2.2 Test Graphs





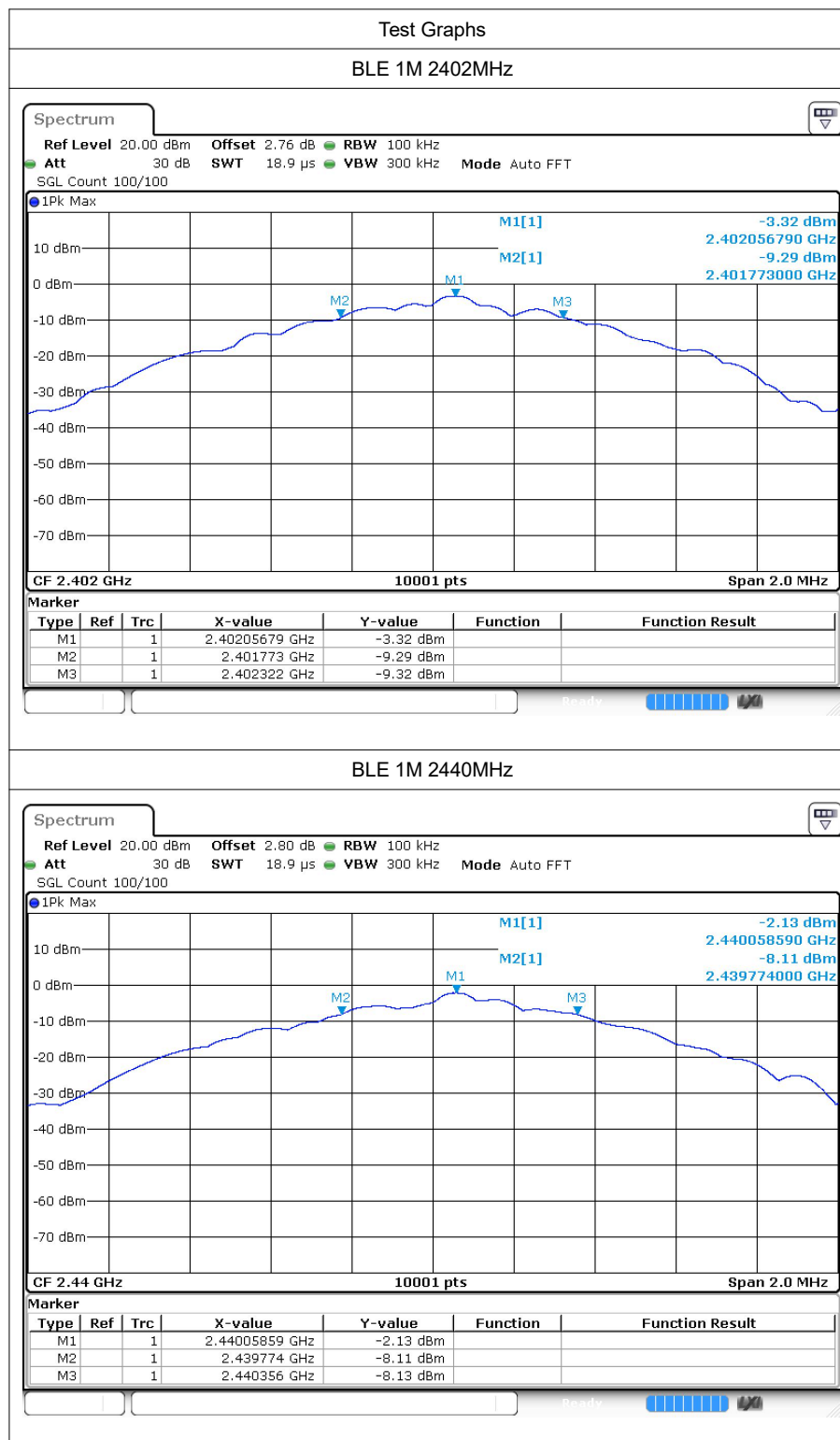


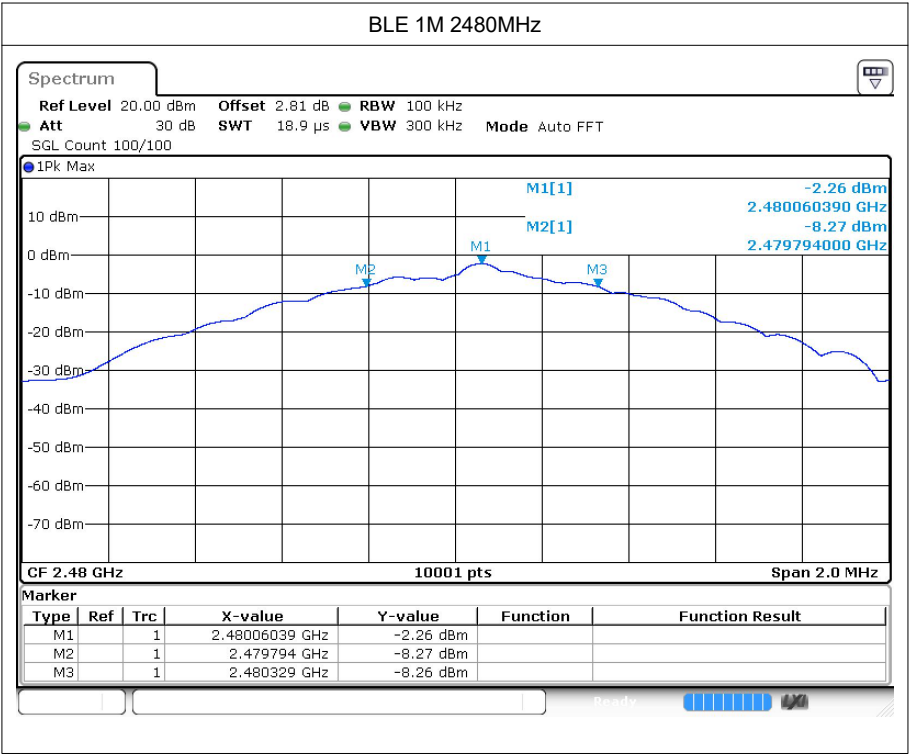
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.55	0.5	Pass
BLE 1M	2440	0.582	0.5	Pass
BLE 1M	2480	0.535	0.5	Pass

3.2 Test Graphs



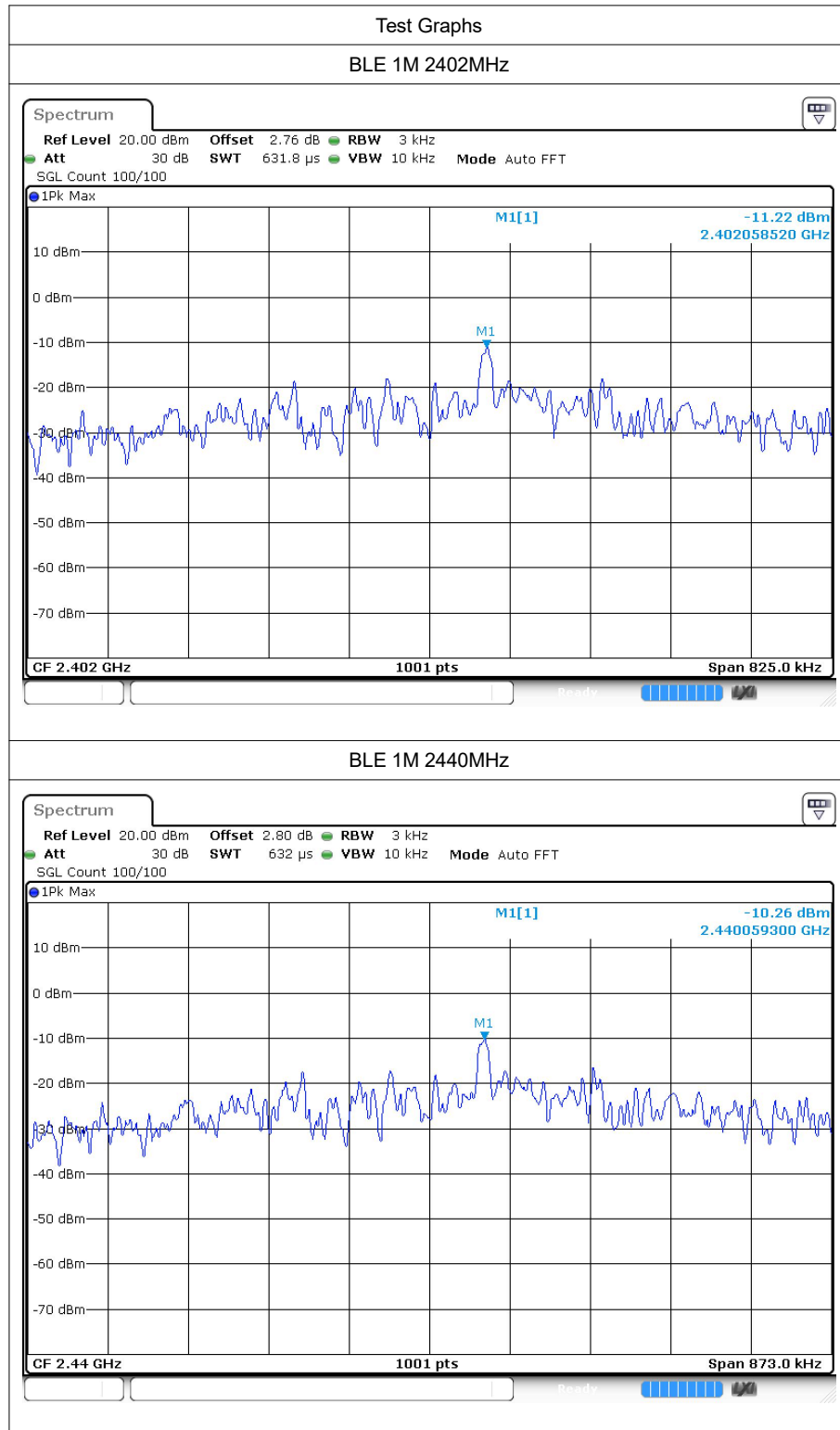


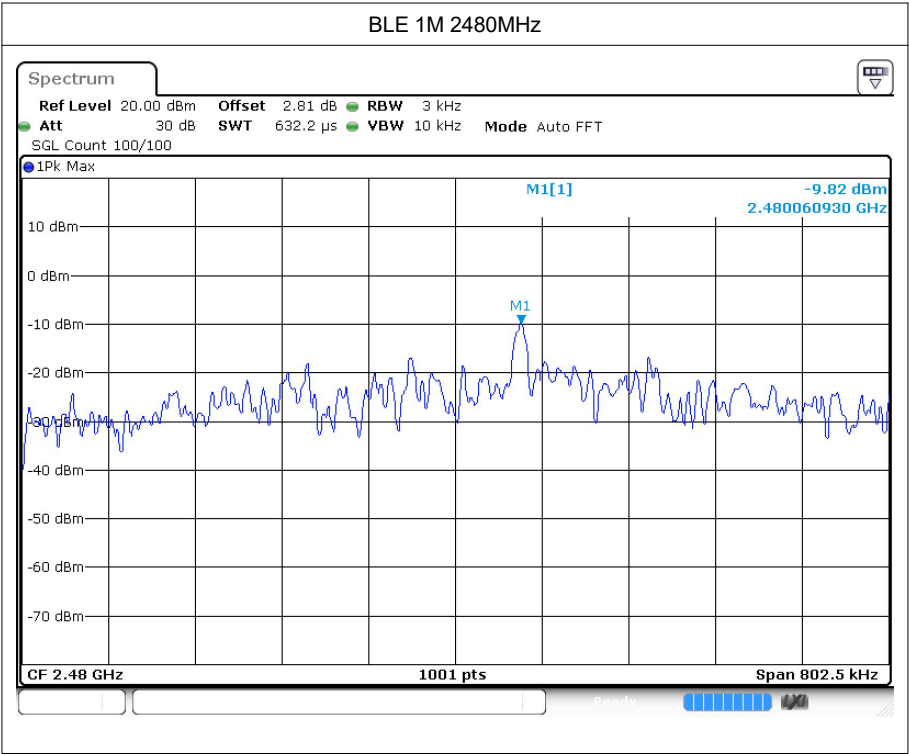
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-11.22	≤ 8	Pass
BLE 1M	2440	-10.26	≤ 8	Pass
BLE 1M	2480	-9.82	≤ 8	Pass

4.2 Test Graphs





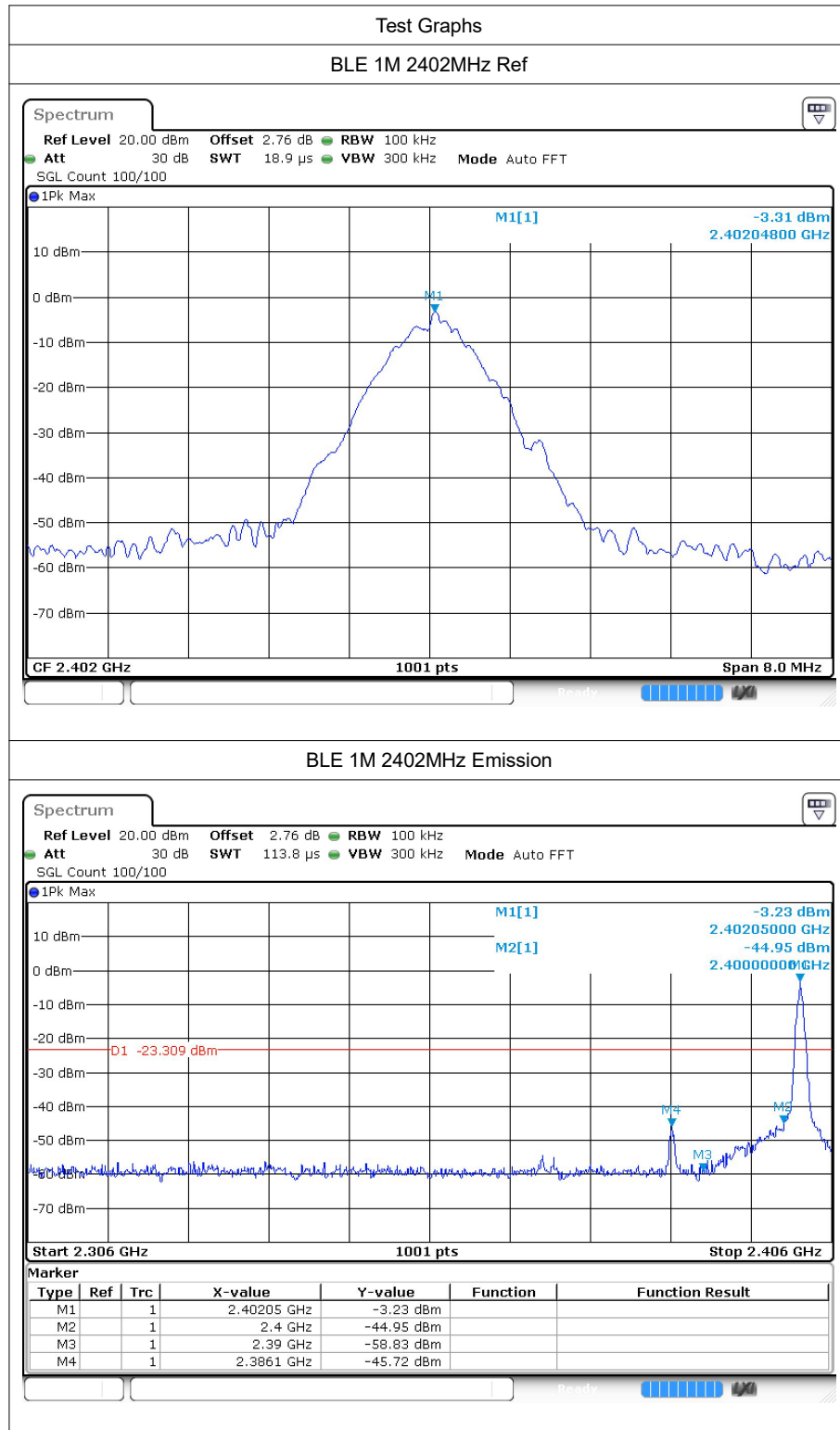


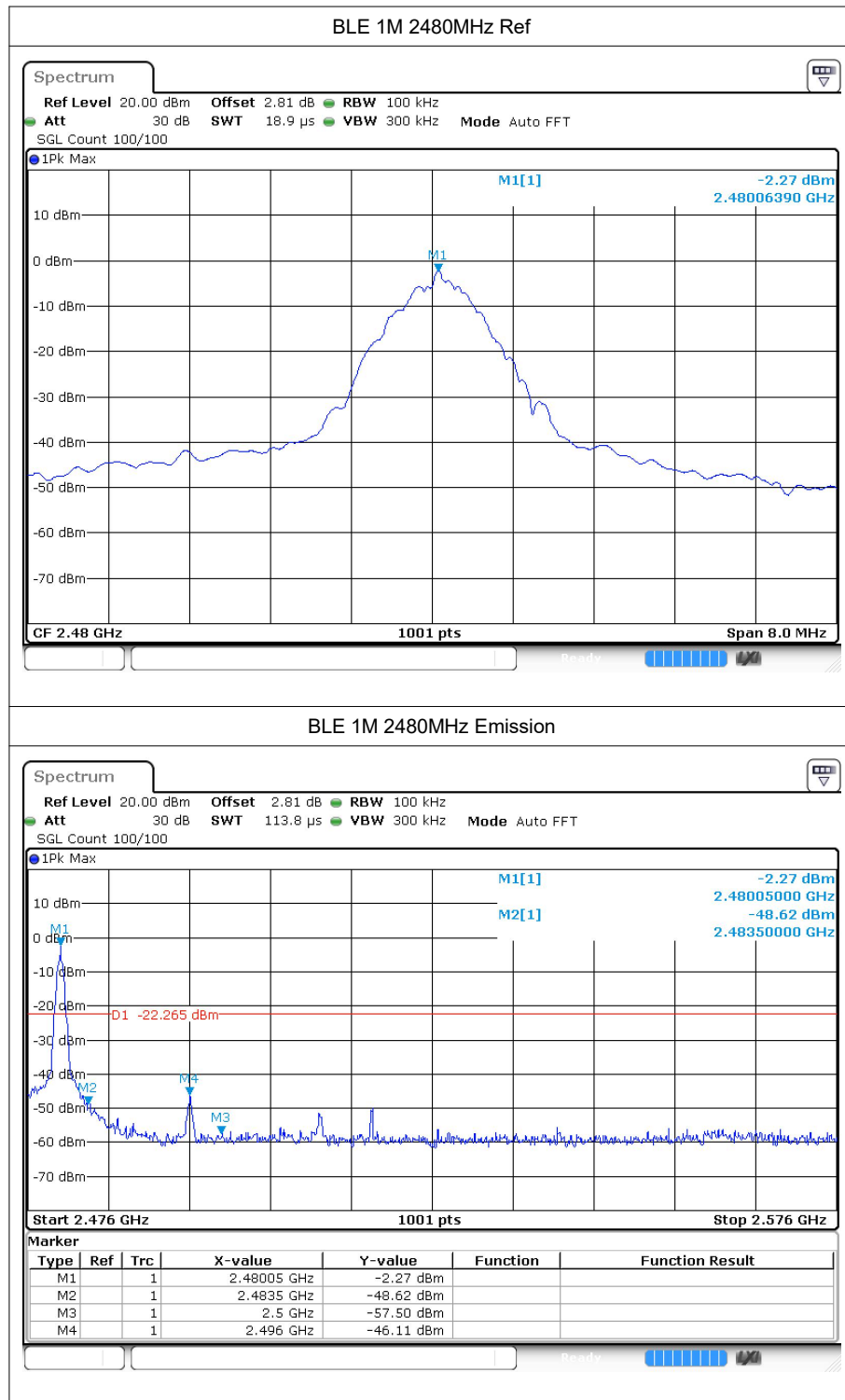
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-42.4	-20	Pass
BLE 1M	2480	-43.83	-20	Pass

5.2 Test Graphs



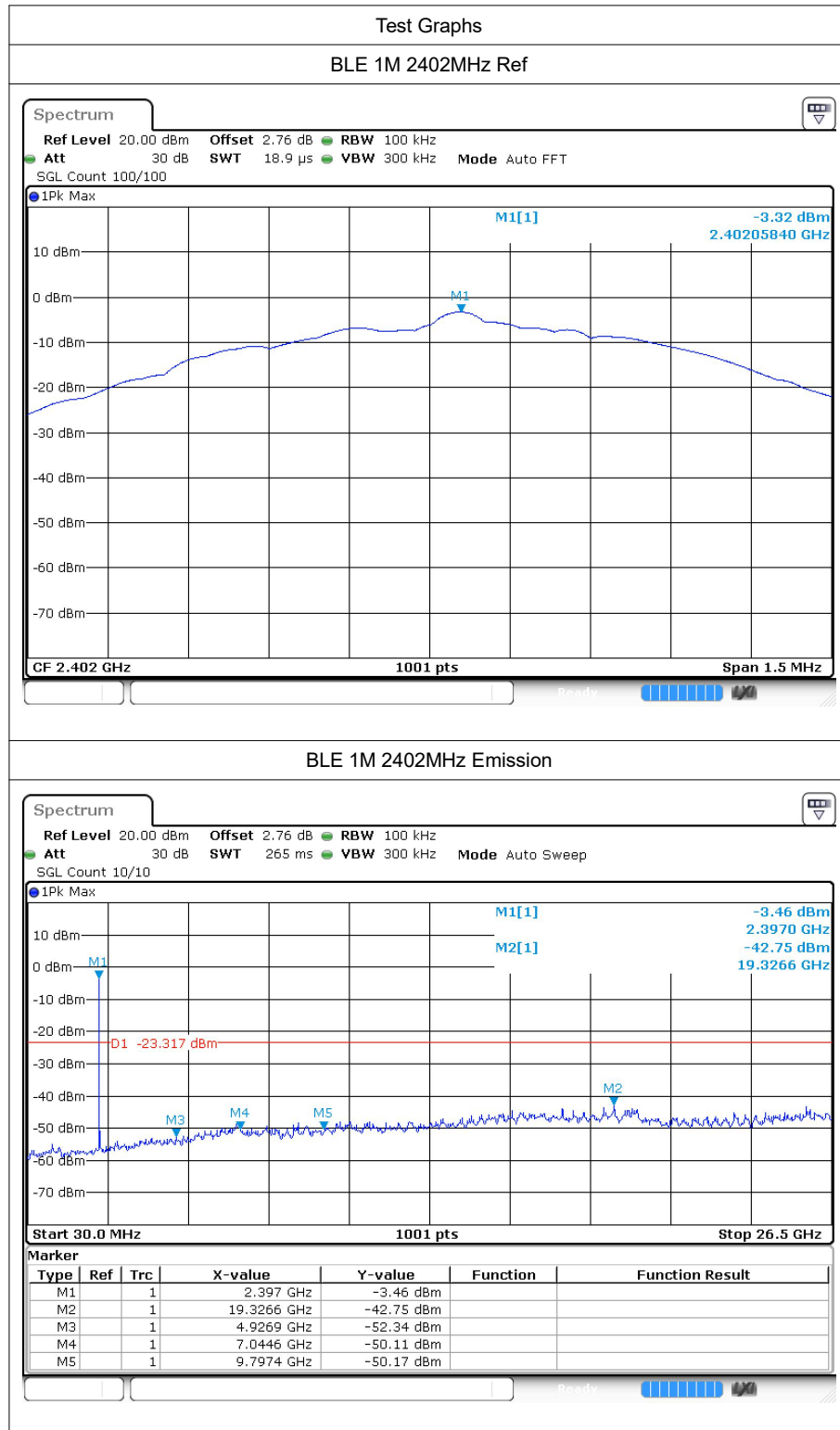


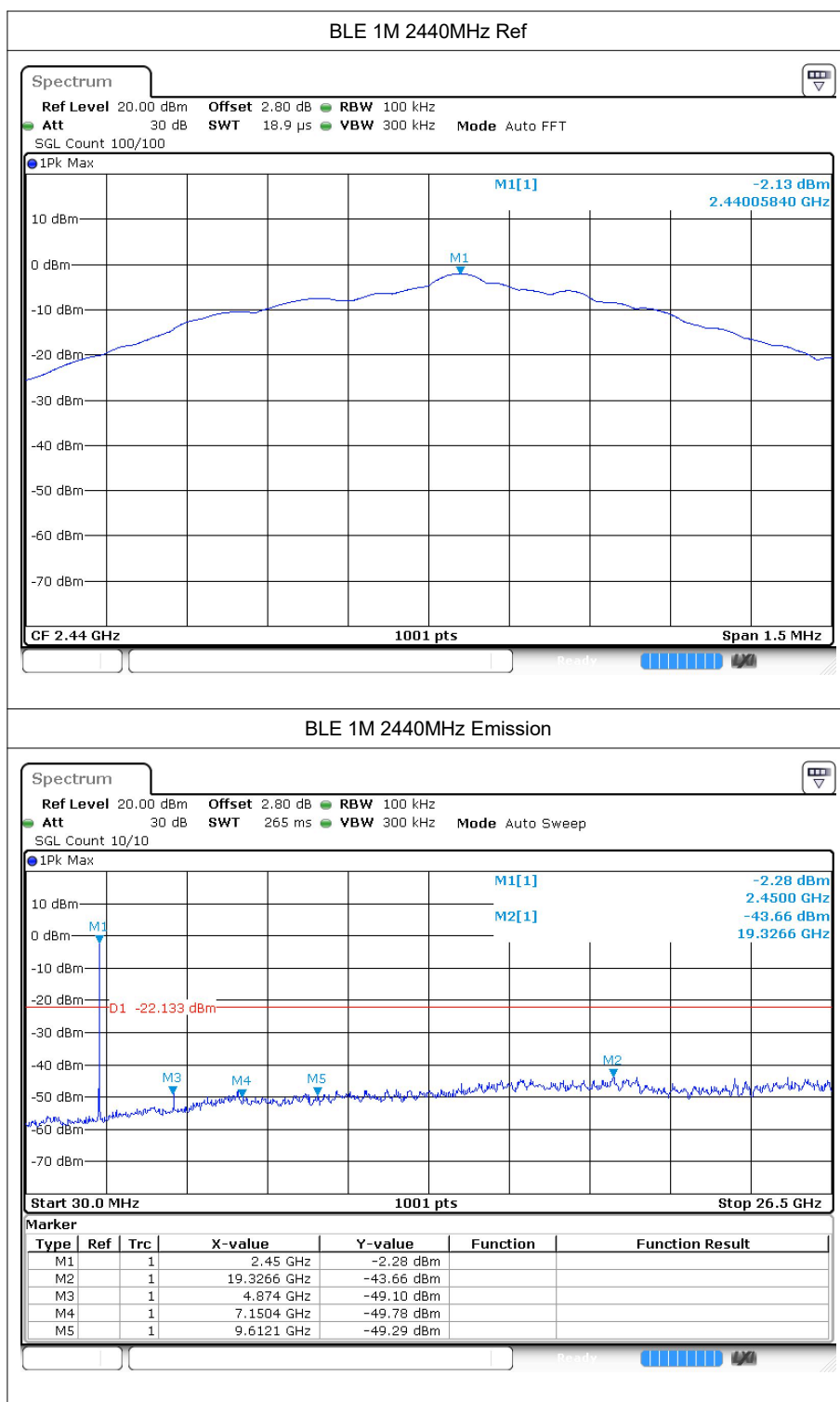
6 Conducted RF Spurious Emission

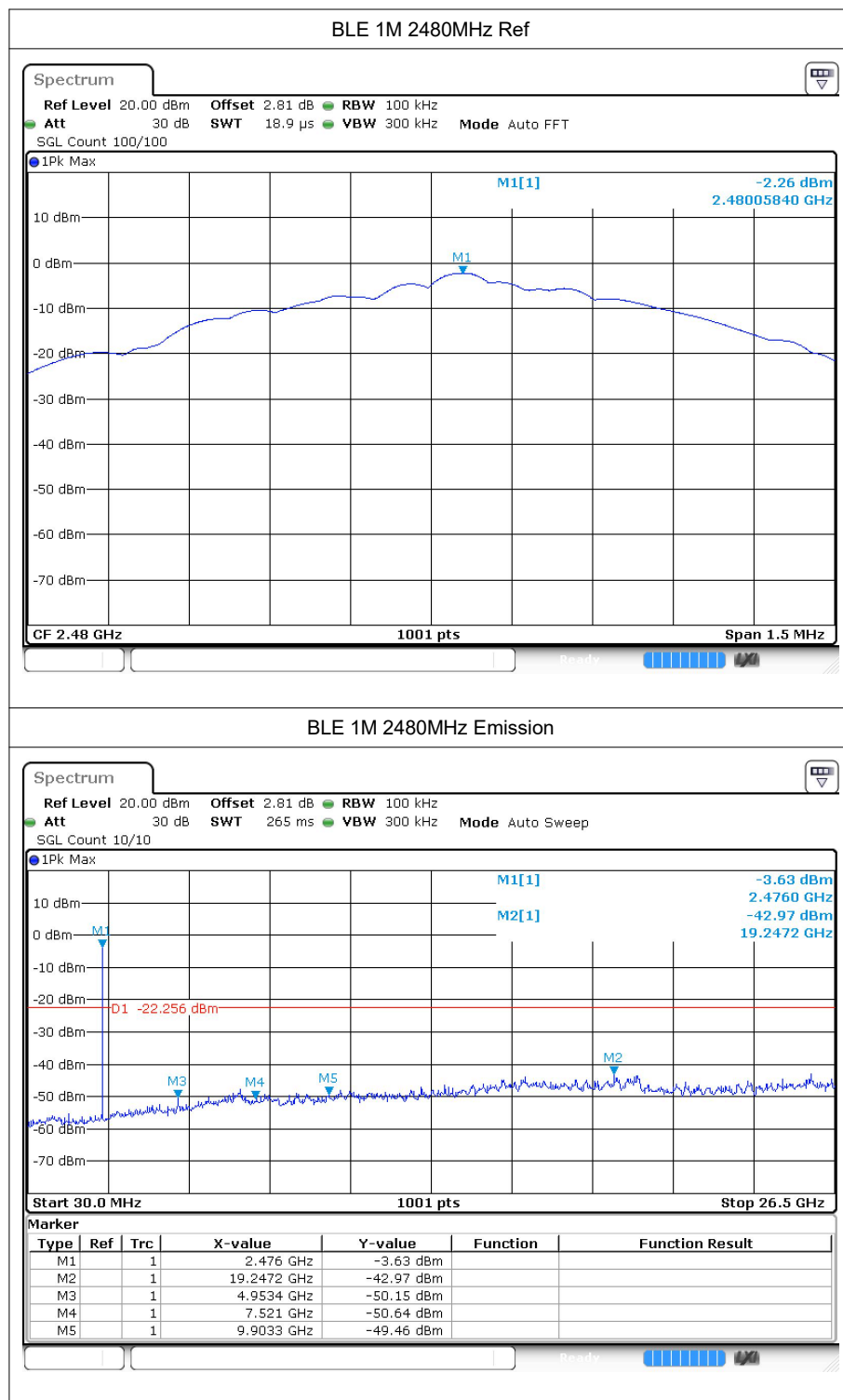
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-39.42	-20	Pass
BLE 1M	2440	-41.53	-20	Pass
BLE 1M	2480	-40.7	-20	Pass

6.2 Test Graphs







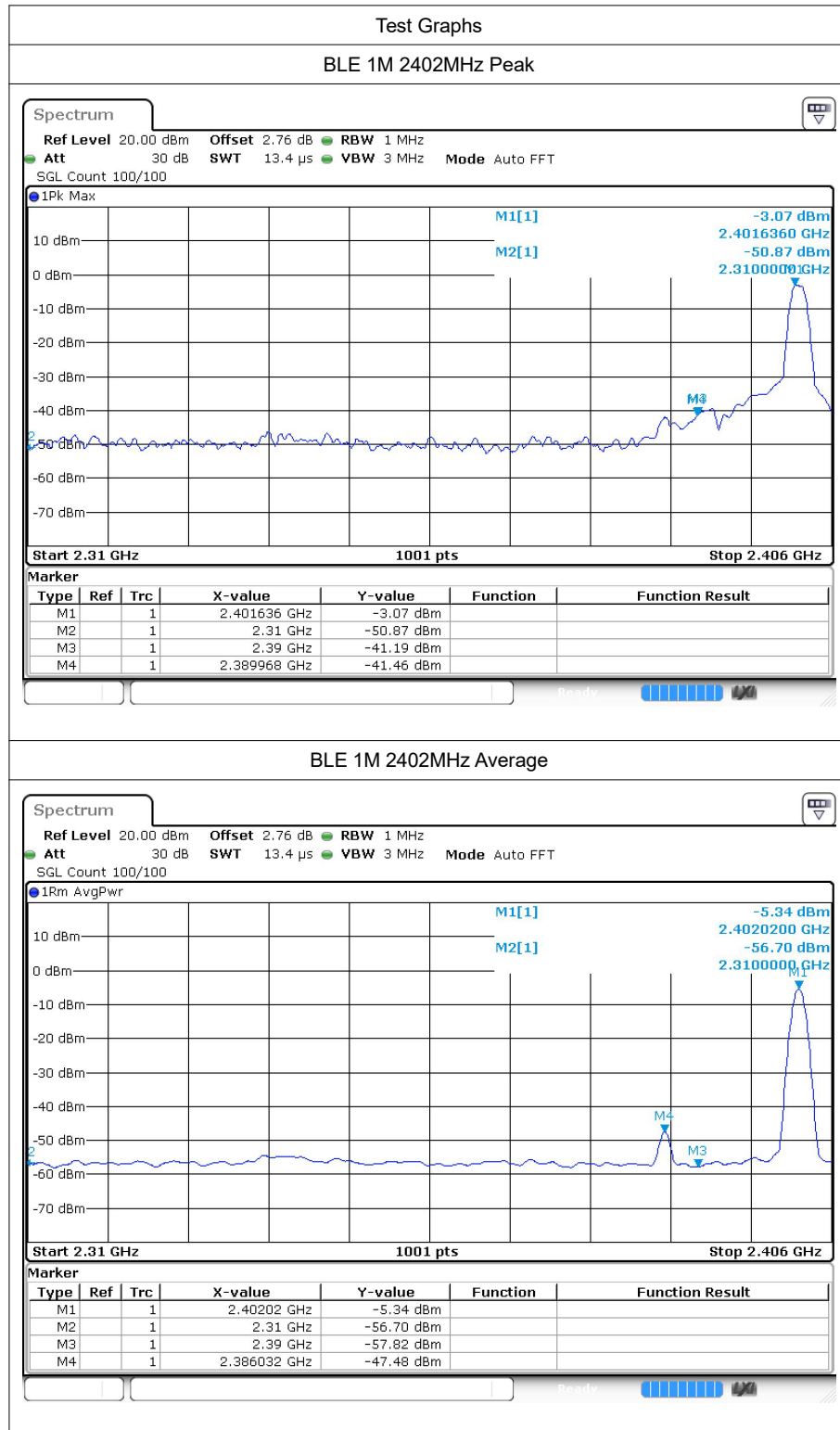


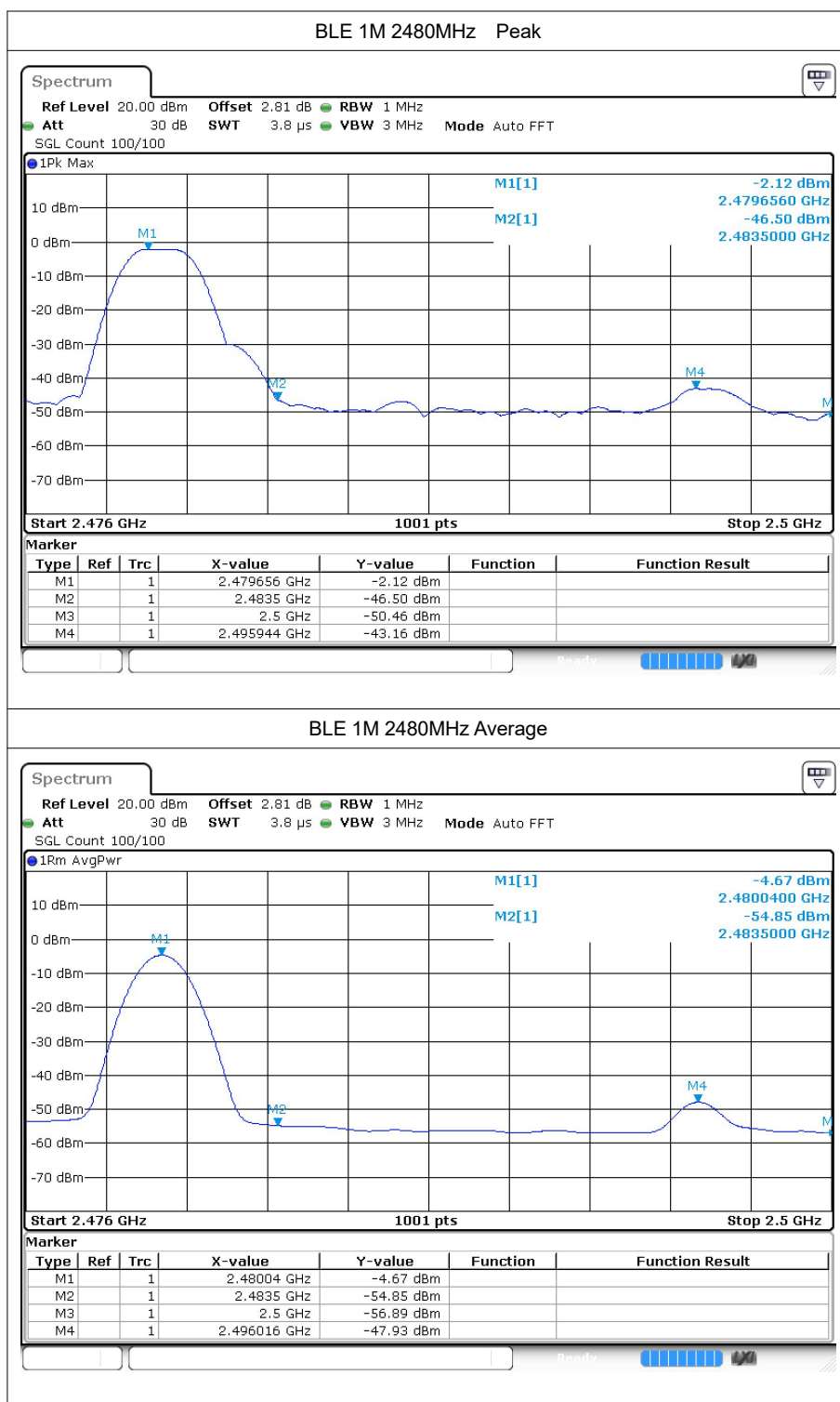
7 Restrict Band

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	-50.87	2	-	46.39	Peak	74	Pass
BLE 1M	2402	2310	-56.7	2	1.06	41.62	Average	54	Pass
BLE 1M	2402	2389.968	-41.46	2	-	55.8	Peak	74	Pass
BLE 1M	2402	2386.032	-47.47	2	1.06	50.85	Average	54	Pass
BLE 1M	2402	2390	-41.19	2	-	56.07	Peak	74	Pass
BLE 1M	2402	2390	-57.82	2	1.06	40.5	Average	54	Pass
BLE 1M	2480	2483.5	-46.5	2	-	50.76	Peak	74	Pass
BLE 1M	2480	2483.5	-54.85	2	1.05	43.46	Average	54	Pass
BLE 1M	2480	2495.944	-43.15	2	-	54.11	Peak	74	Pass
BLE 1M	2480	2496.016	-47.93	2	1.05	50.38	Average	54	Pass
BLE 1M	2480	2500	-50.46	2	-	46.8	Peak	74	Pass
BLE 1M	2480	2500	-56.89	2	1.05	41.42	Average	54	Pass

7.2 Test Graphs





---The End---