



Appendix B

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

Product Name: Smartphone Stabilizer

Trade Mark: FUNSNAP

Test Model: CM8

Environmental Conditions

Temperature:	24.5℃
Relative Humidity:	52.3%
ATM Pressure:	101Kpa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



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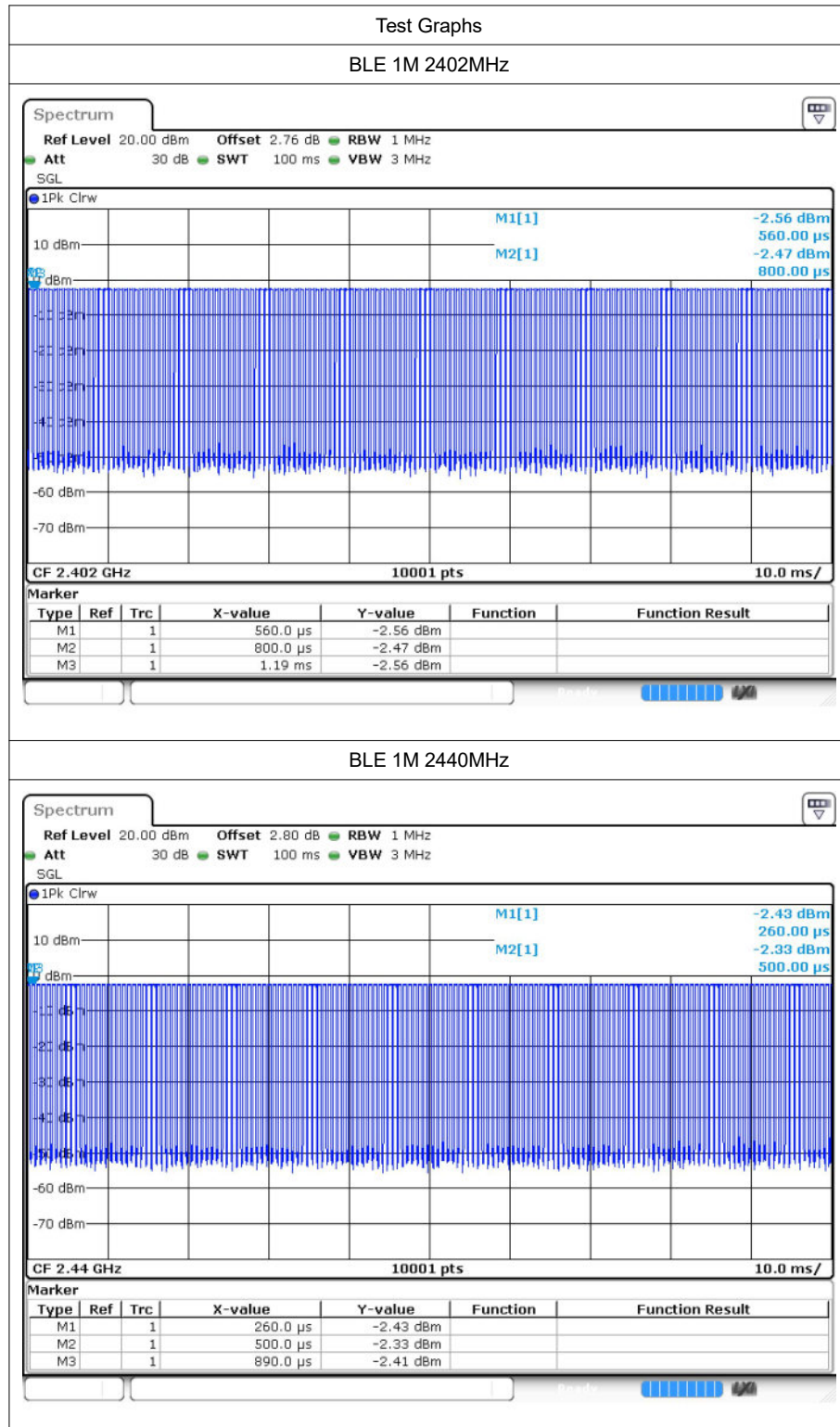


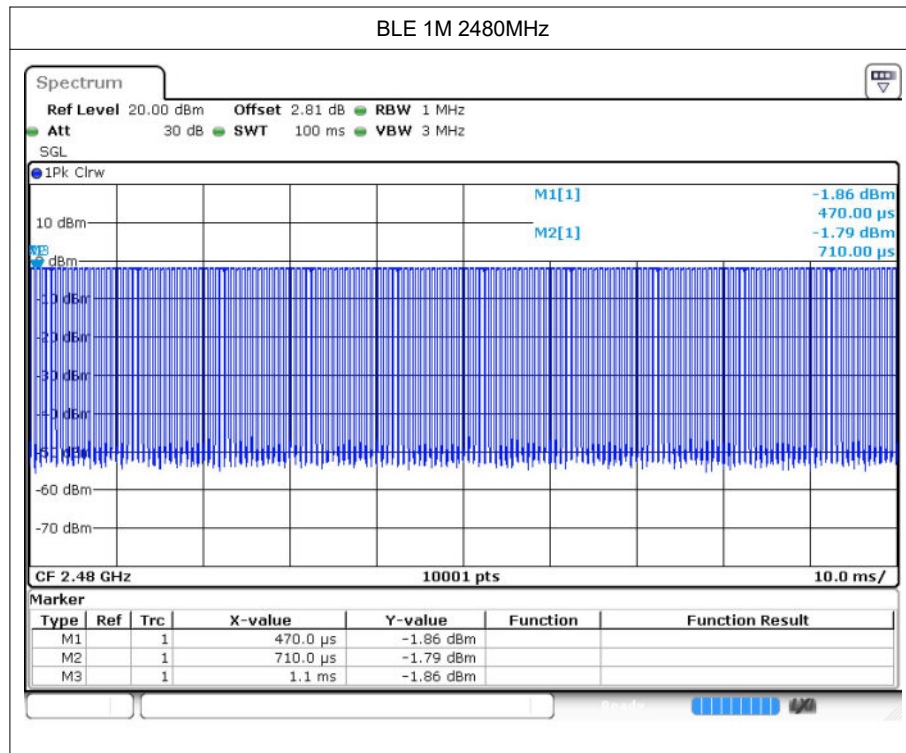
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
BLE 1M	2402	64.58	1.9	2.56
BLE 1M	2440	64	1.94	2.56
BLE 1M	2480	63.99	1.94	2.56

1.2 Test Graphs





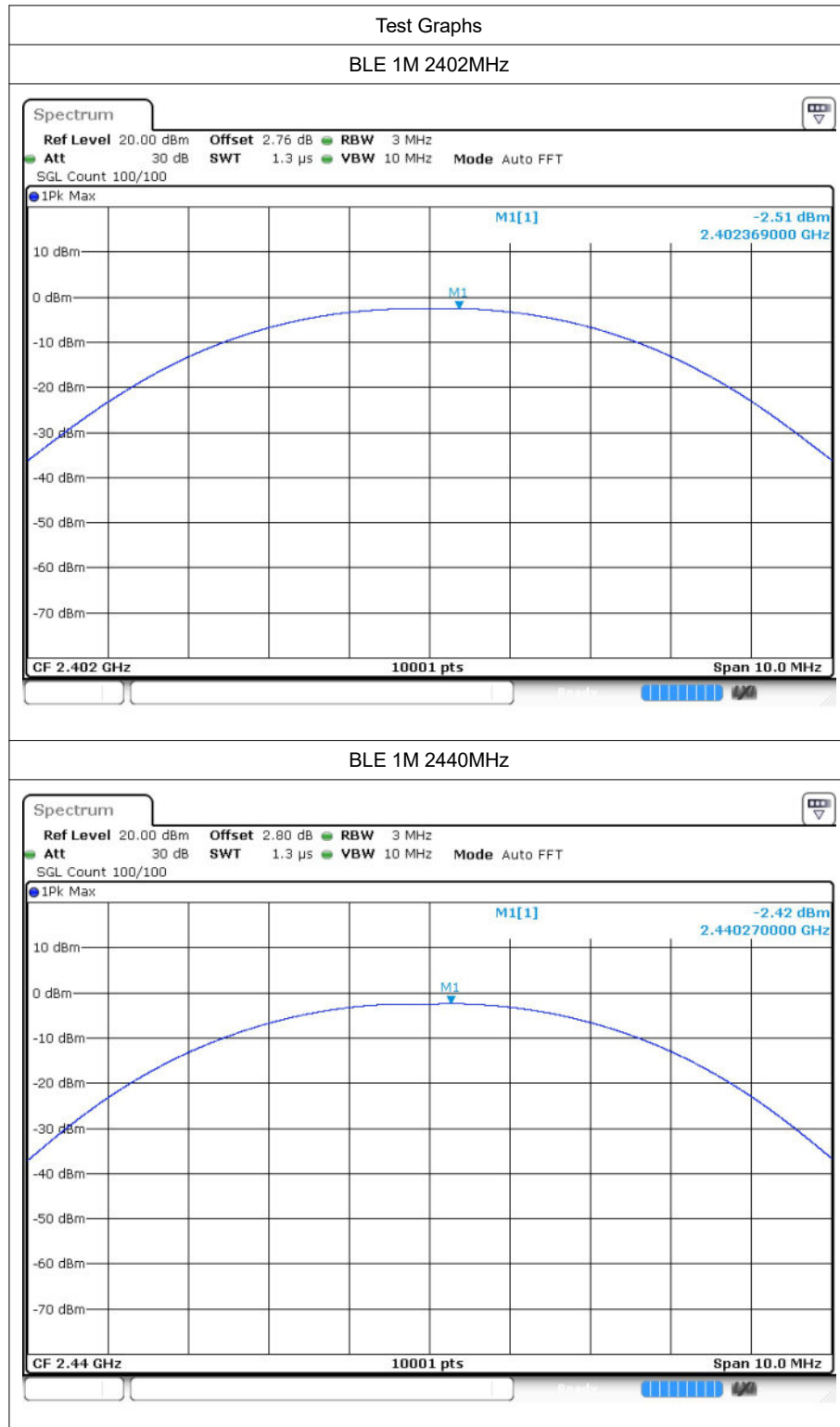


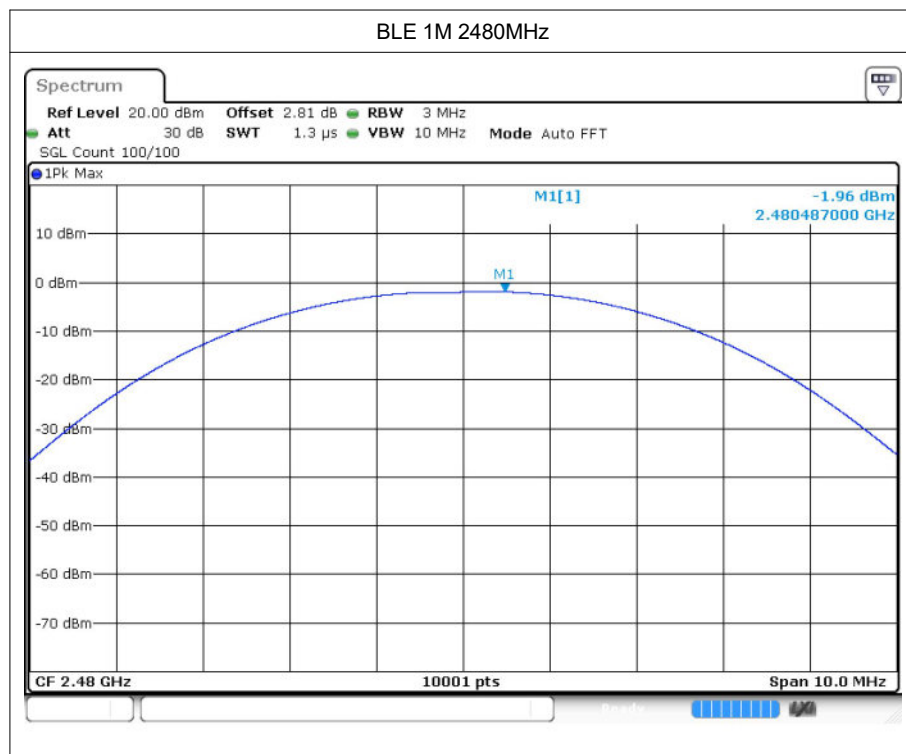
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	-2.51	30	Pass
BLE 1M	2440	-2.42	30	Pass
BLE 1M	2480	-1.96	30	Pass

2.2 Test Graphs





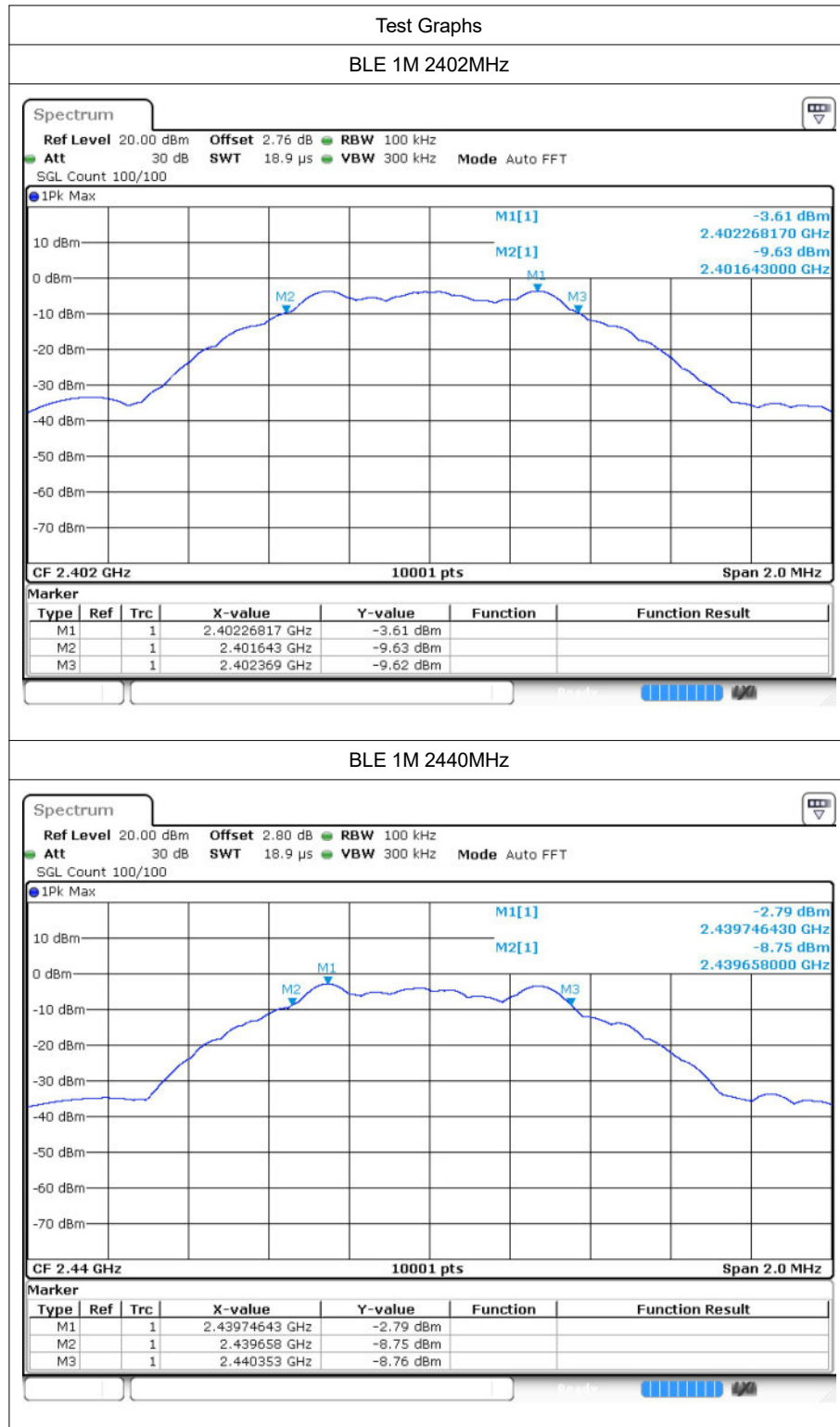


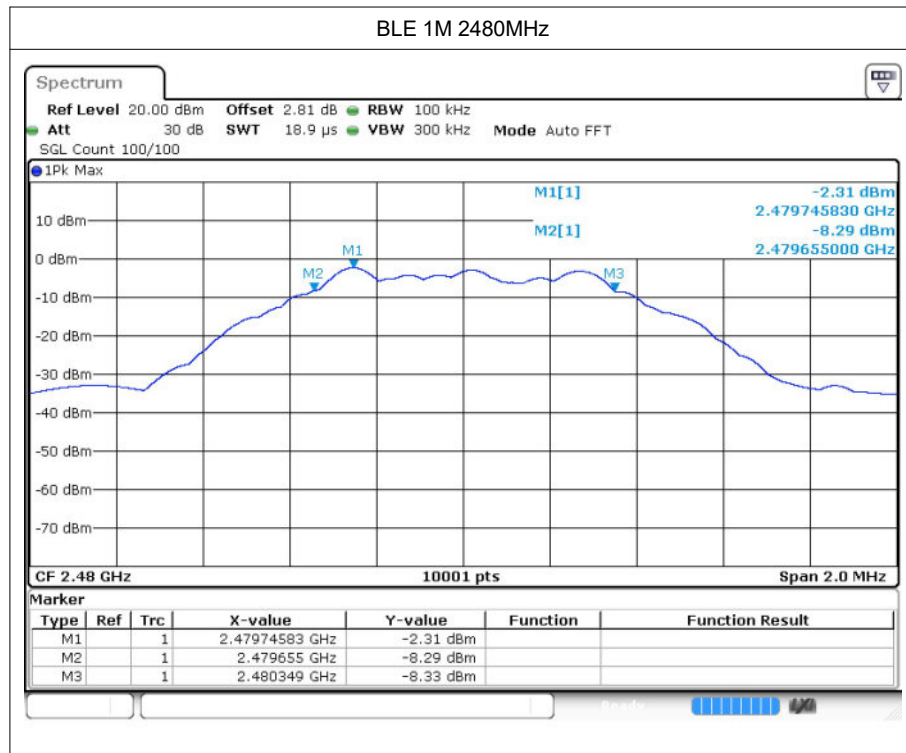
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.725	0.5	Pass
BLE 1M	2440	0.696	0.5	Pass
BLE 1M	2480	0.694	0.5	Pass

3.2 Test Graphs



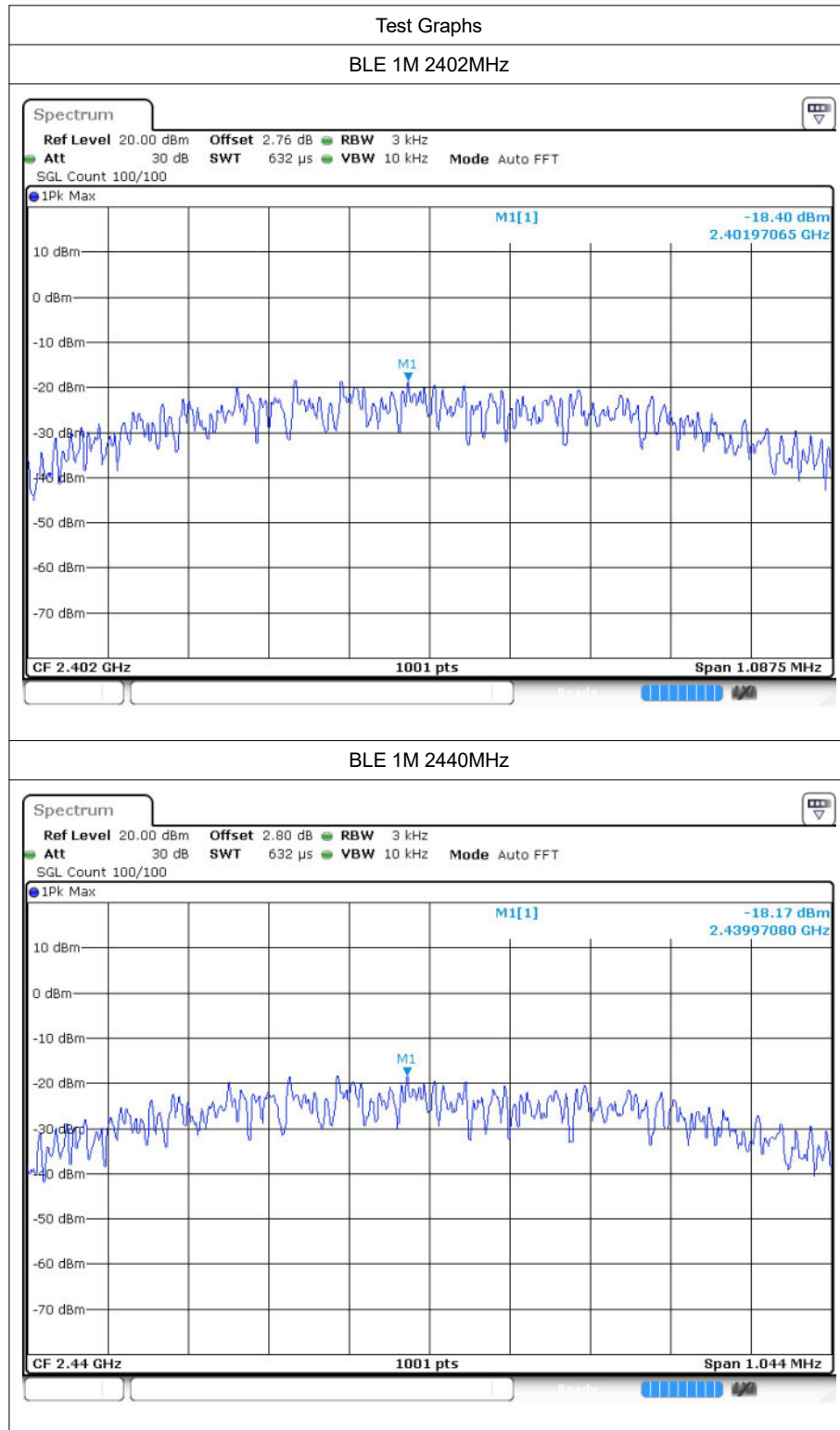


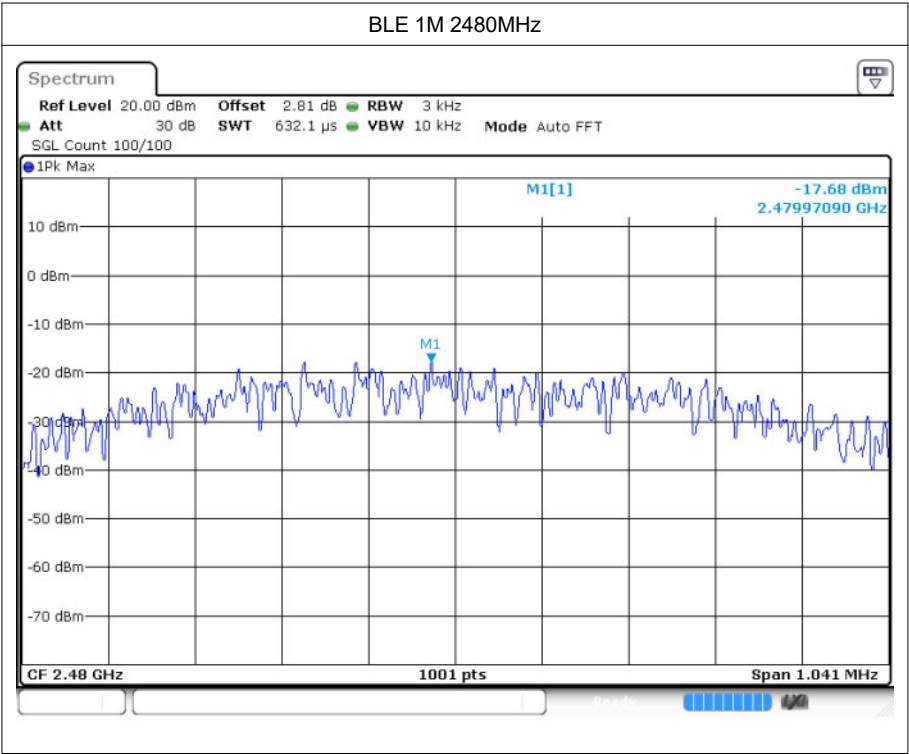
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-18.4	≤ 8	Pass
BLE 1M	2440	-18.17	≤ 8	Pass
BLE 1M	2480	-17.68	≤ 8	Pass

4.2 Test Graphs





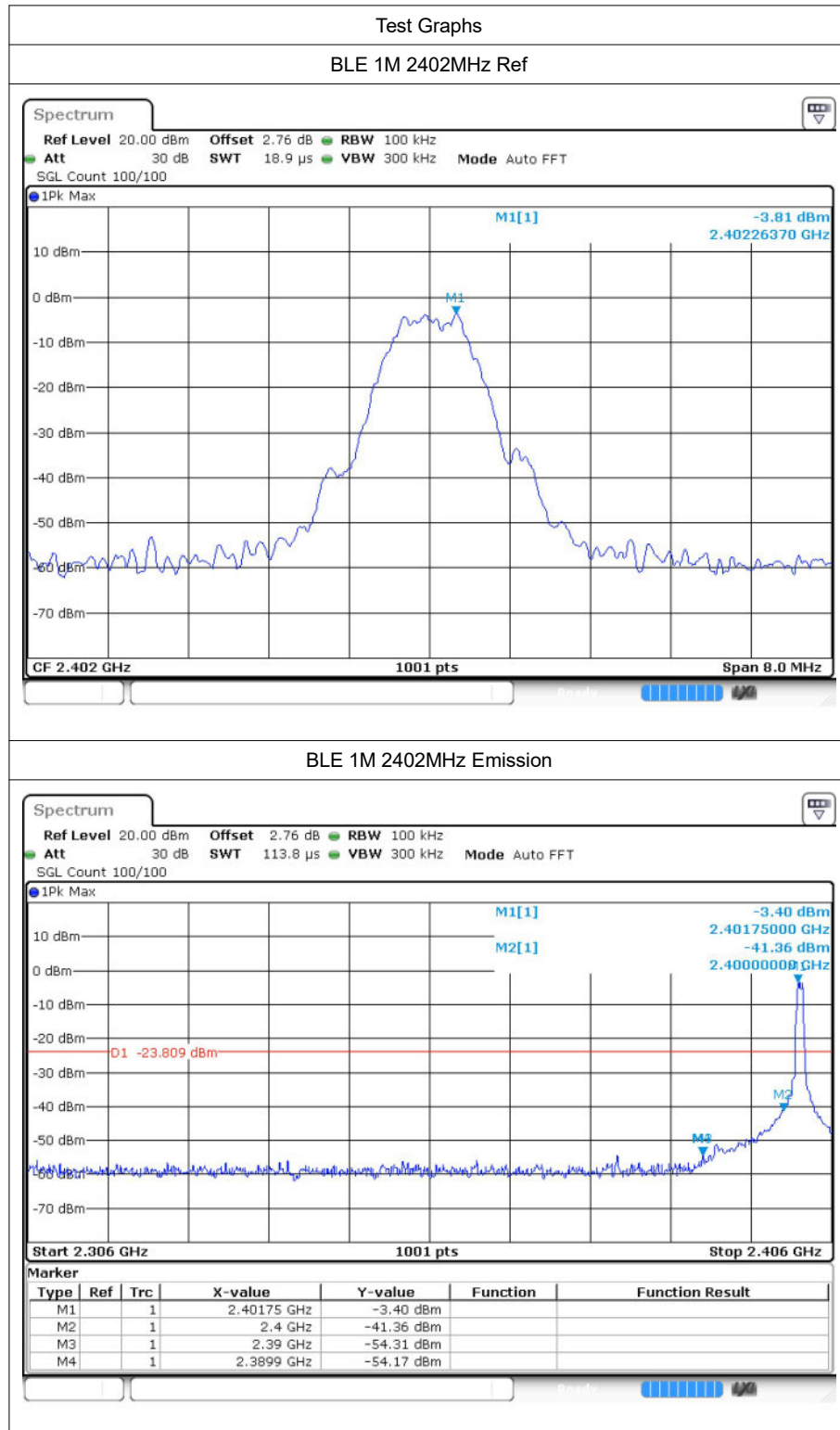


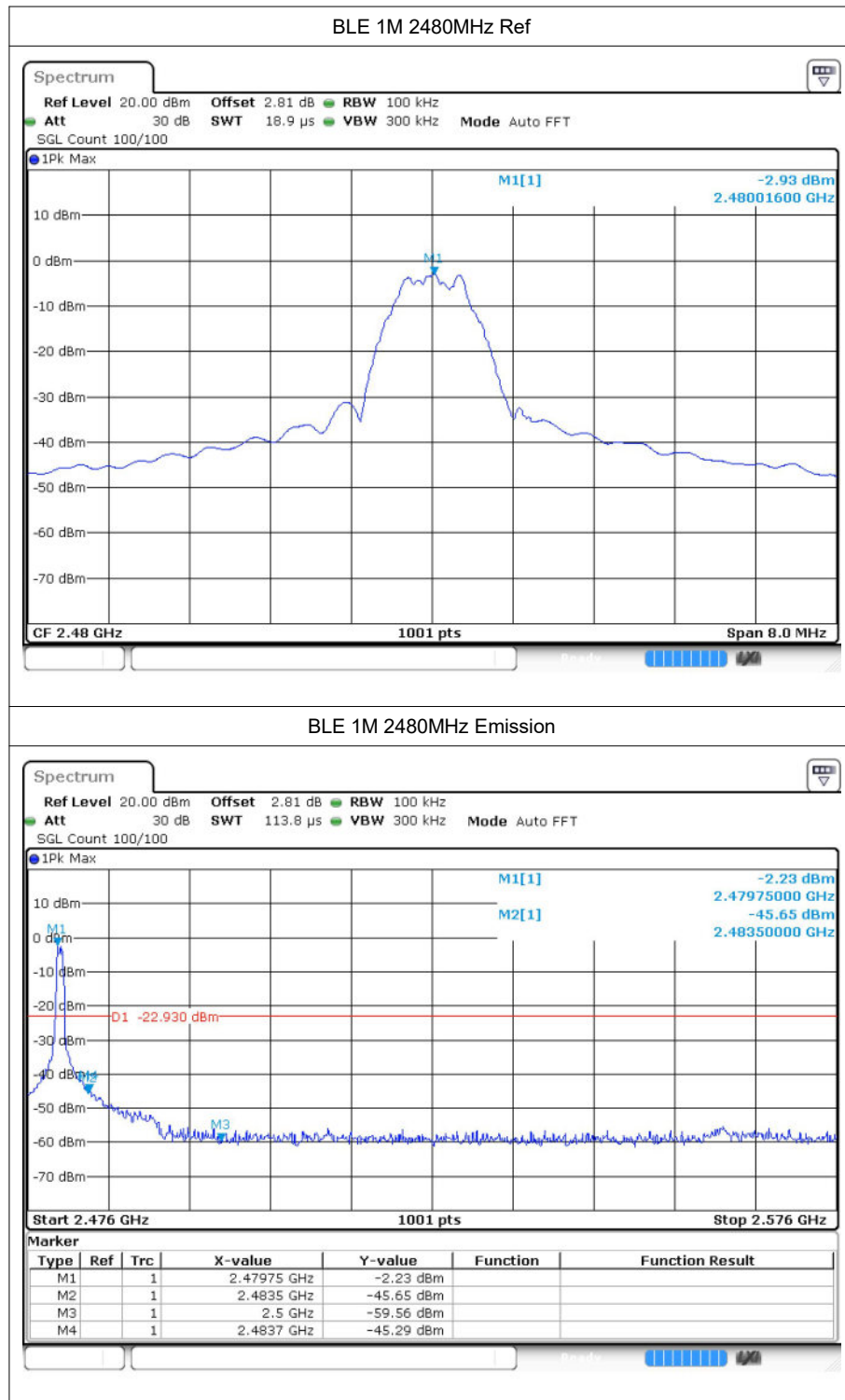
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-50.36	-20	Pass
BLE 1M	2480	-42.35	-20	Pass

5.2 Test Graphs



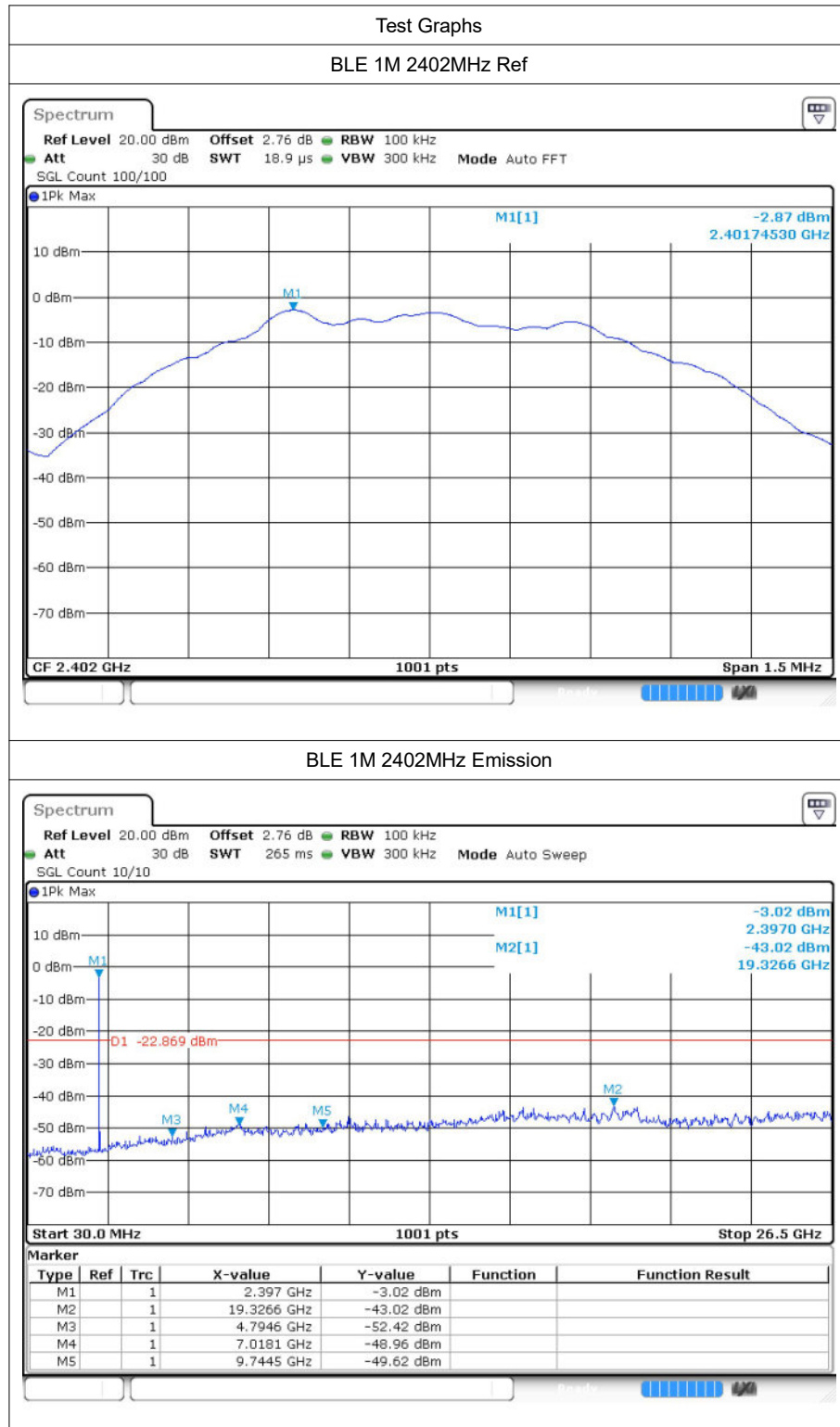


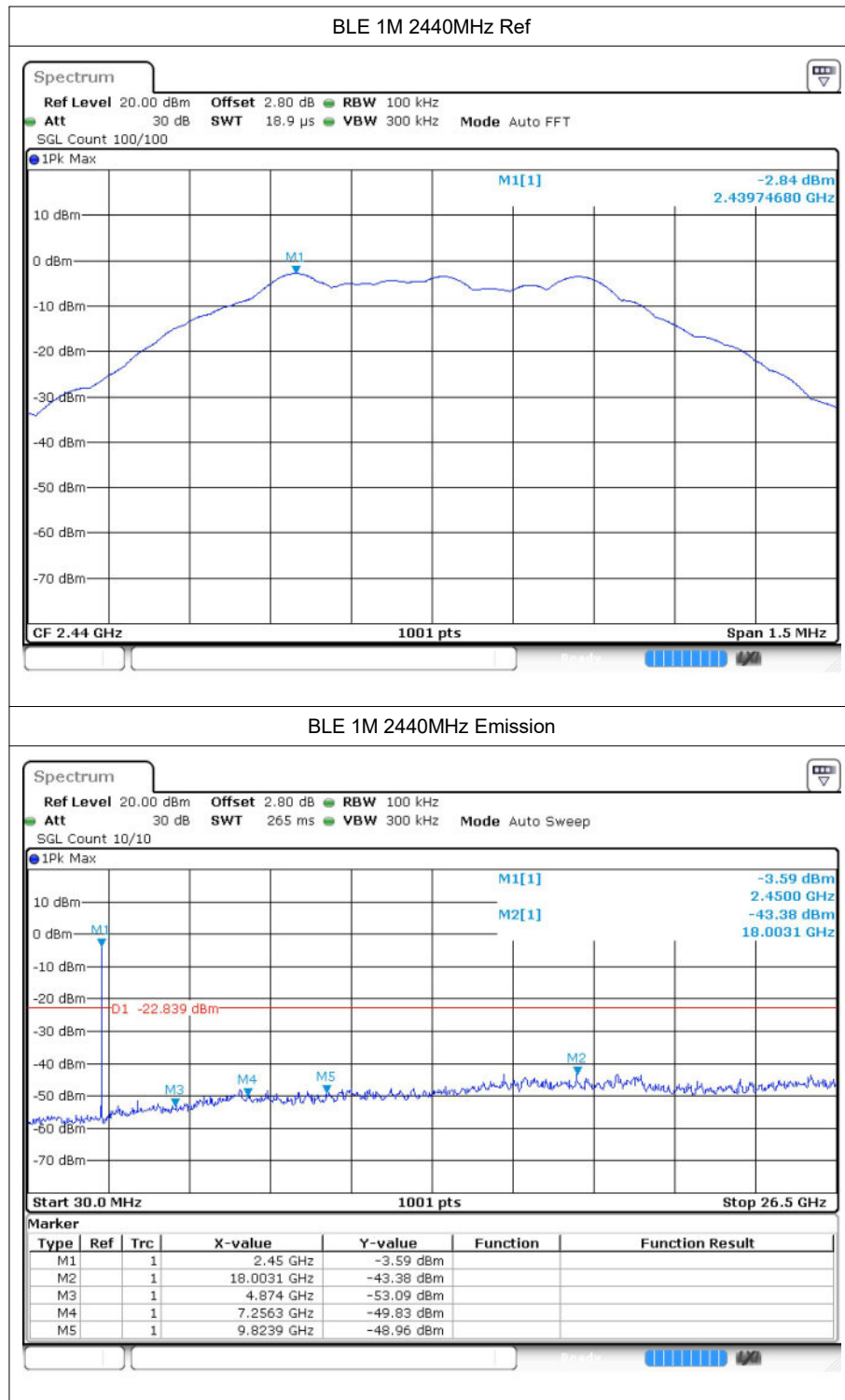
6 Conducted RF Spurious Emission

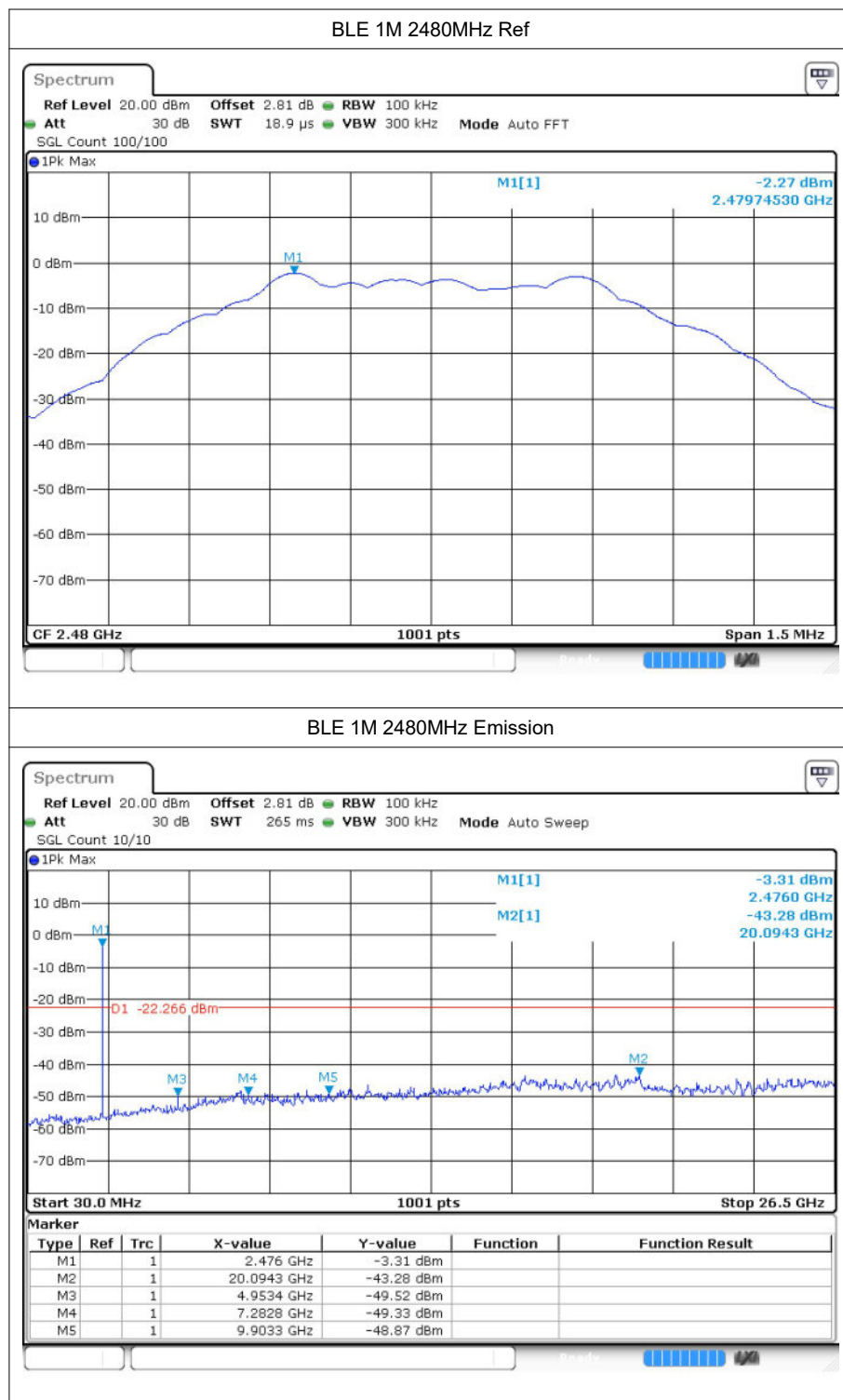
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-40.14	-20	Pass
BLE 1M	2440	-40.53	-20	Pass
BLE 1M	2480	-41	-20	Pass

6.2 Test Graphs







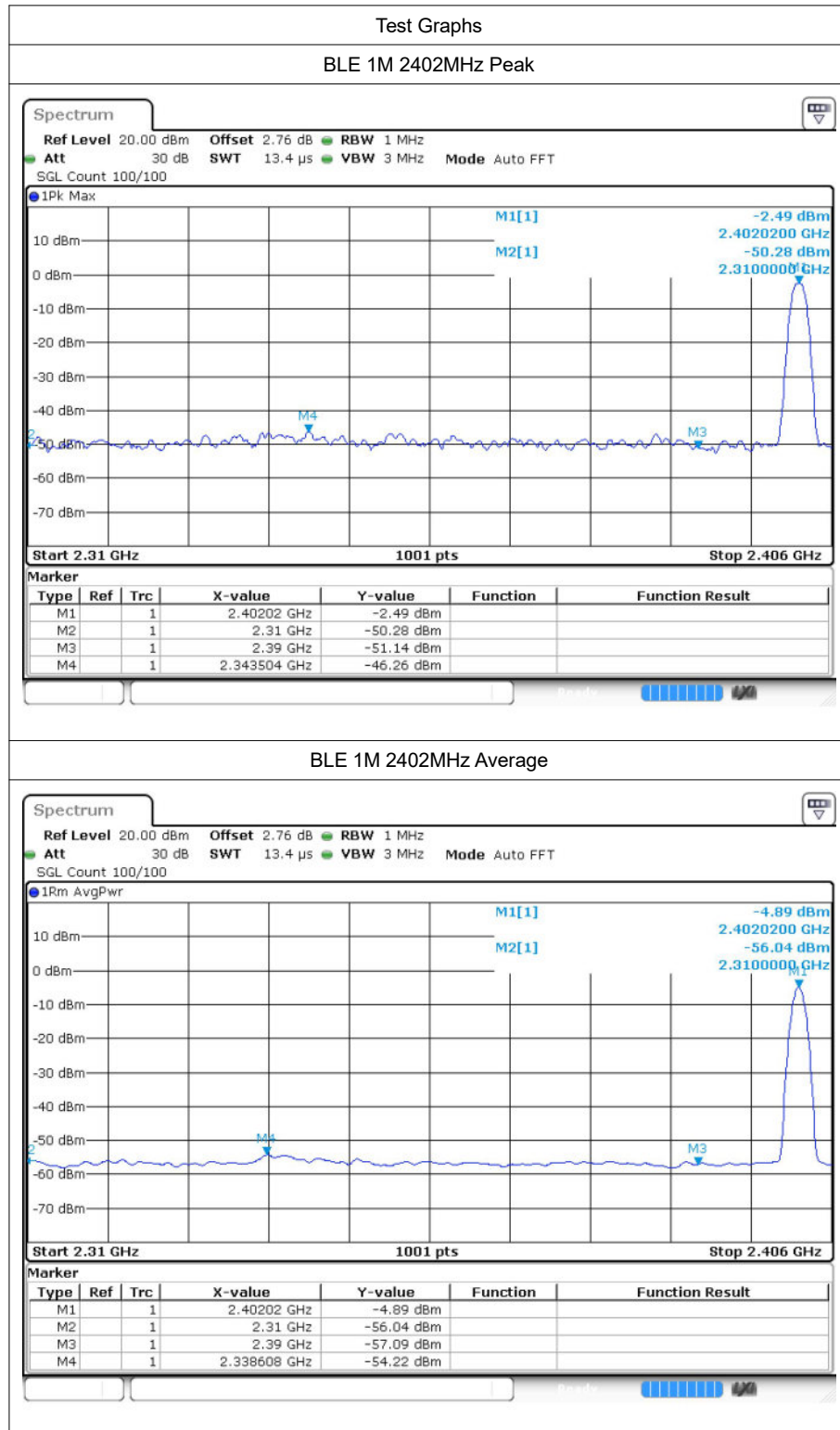


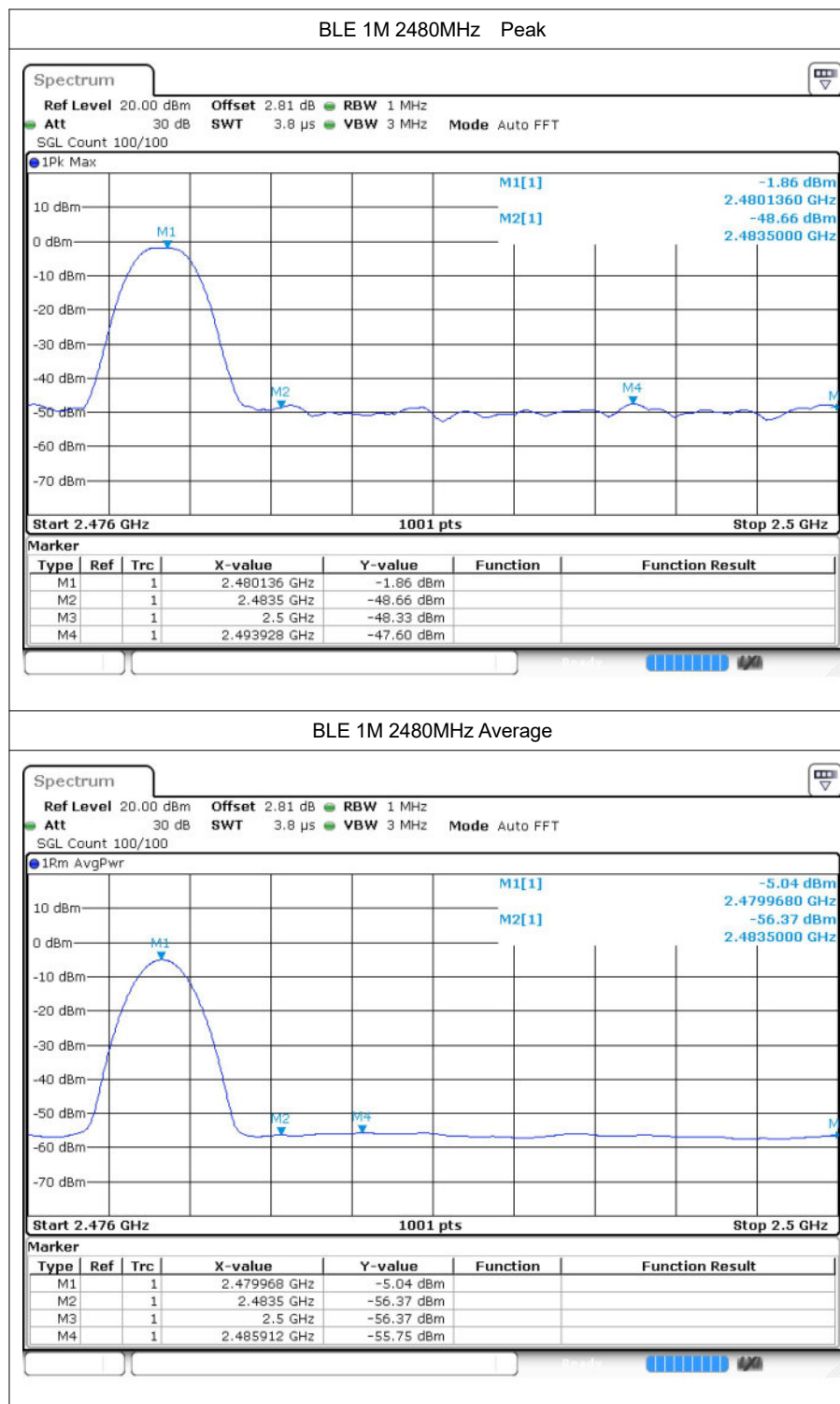
7 Restrict Band

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	-50.28	2	-	46.98	Peak	74	Pass
BLE 1M	2402	2310	-56.04	2	1.9	43.12	Average	54	Pass
BLE 1M	2402	2343.504	-46.25	2	-	51.01	Peak	74	Pass
BLE 1M	2402	2338.608	-54.22	2	1.9	44.94	Average	54	Pass
BLE 1M	2402	2390	-51.14	2	-	46.12	Peak	74	Pass
BLE 1M	2402	2390	-57.09	2	1.9	42.07	Average	54	Pass
BLE 1M	2480	2483.5	-48.66	2	-	48.6	Peak	74	Pass
BLE 1M	2480	2483.5	-56.37	2	1.94	42.83	Average	54	Pass
BLE 1M	2480	2493.928	-47.59	2	-	49.67	Peak	74	Pass
BLE 1M	2480	2485.912	-55.74	2	1.94	43.46	Average	54	Pass
BLE 1M	2480	2500	-48.33	2	-	48.93	Peak	74	Pass
BLE 1M	2480	2500	-56.37	2	1.94	42.83	Average	54	Pass

7.2 Test Graphs





---The End---