



Appendix B

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

Product Name: Wireless camera

Trade Mark: N/A

Test Model: IPC03

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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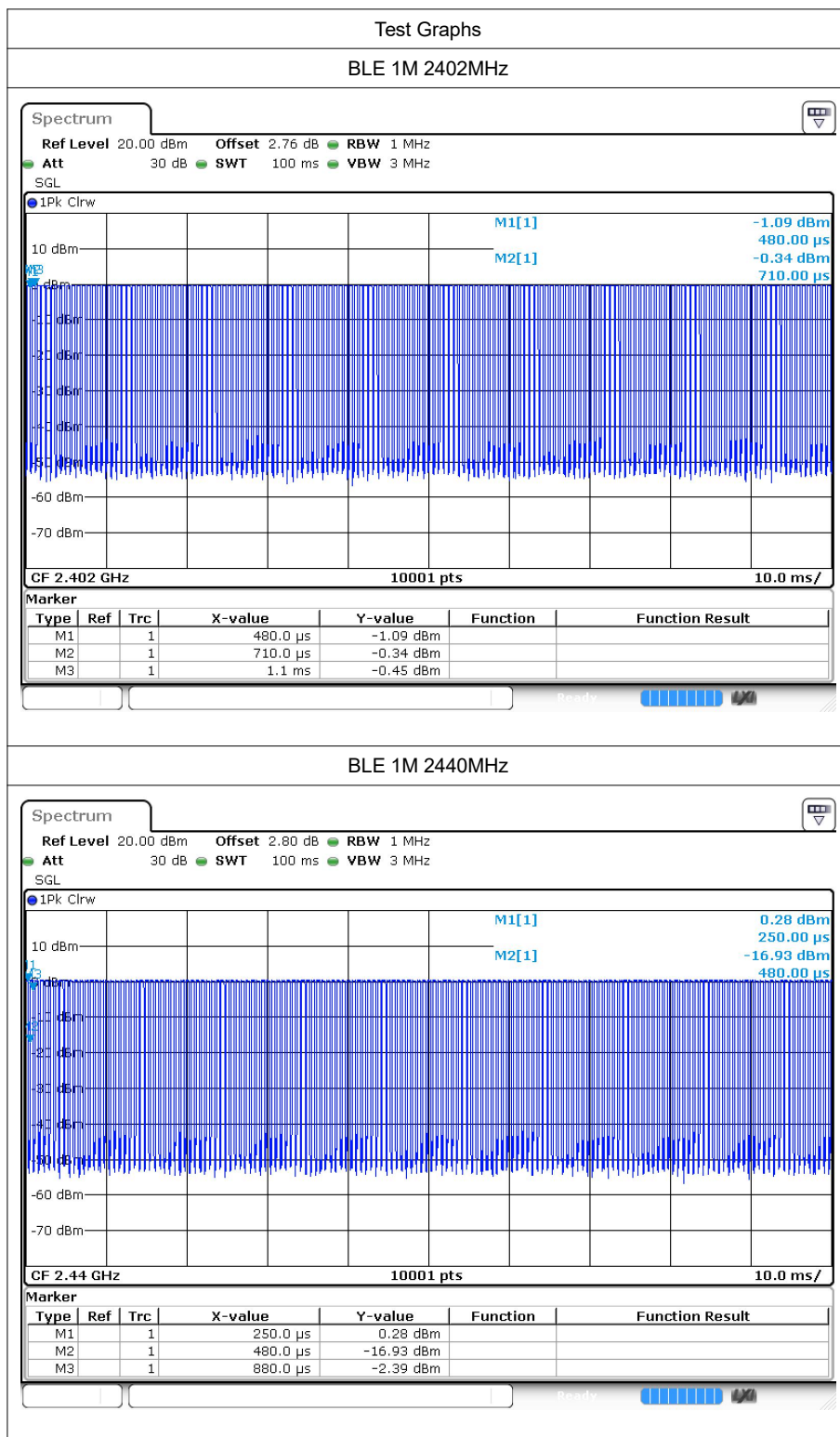


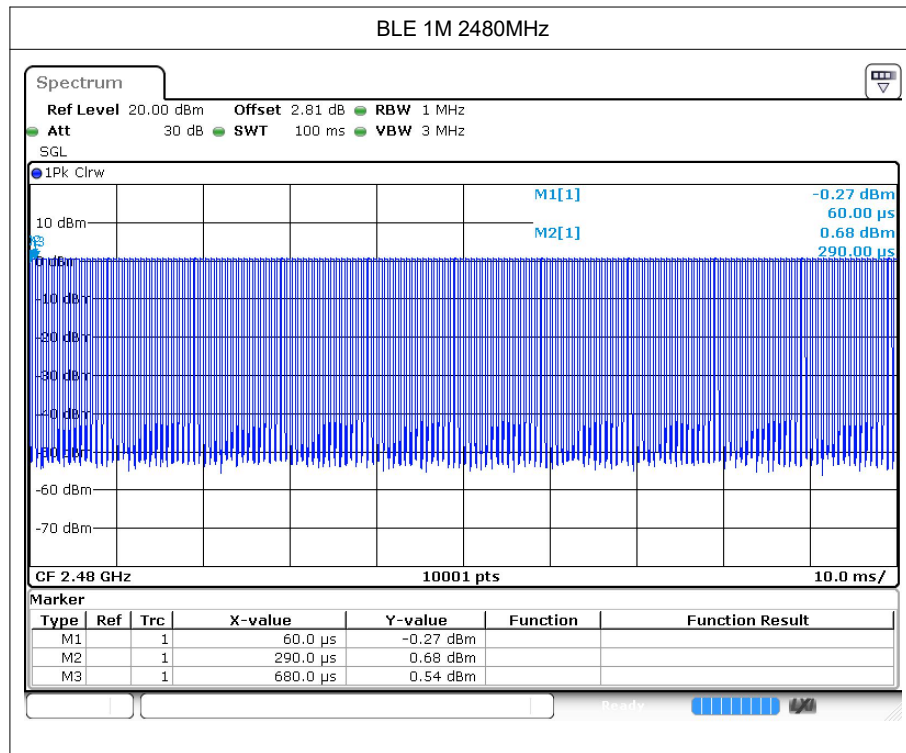
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
BLE 1M	2402	64.44	1.91	2.56
BLE 1M	2440	64.11	1.93	2.5
BLE 1M	2480	64.05	1.93	2.56

1.2 Test Graphs



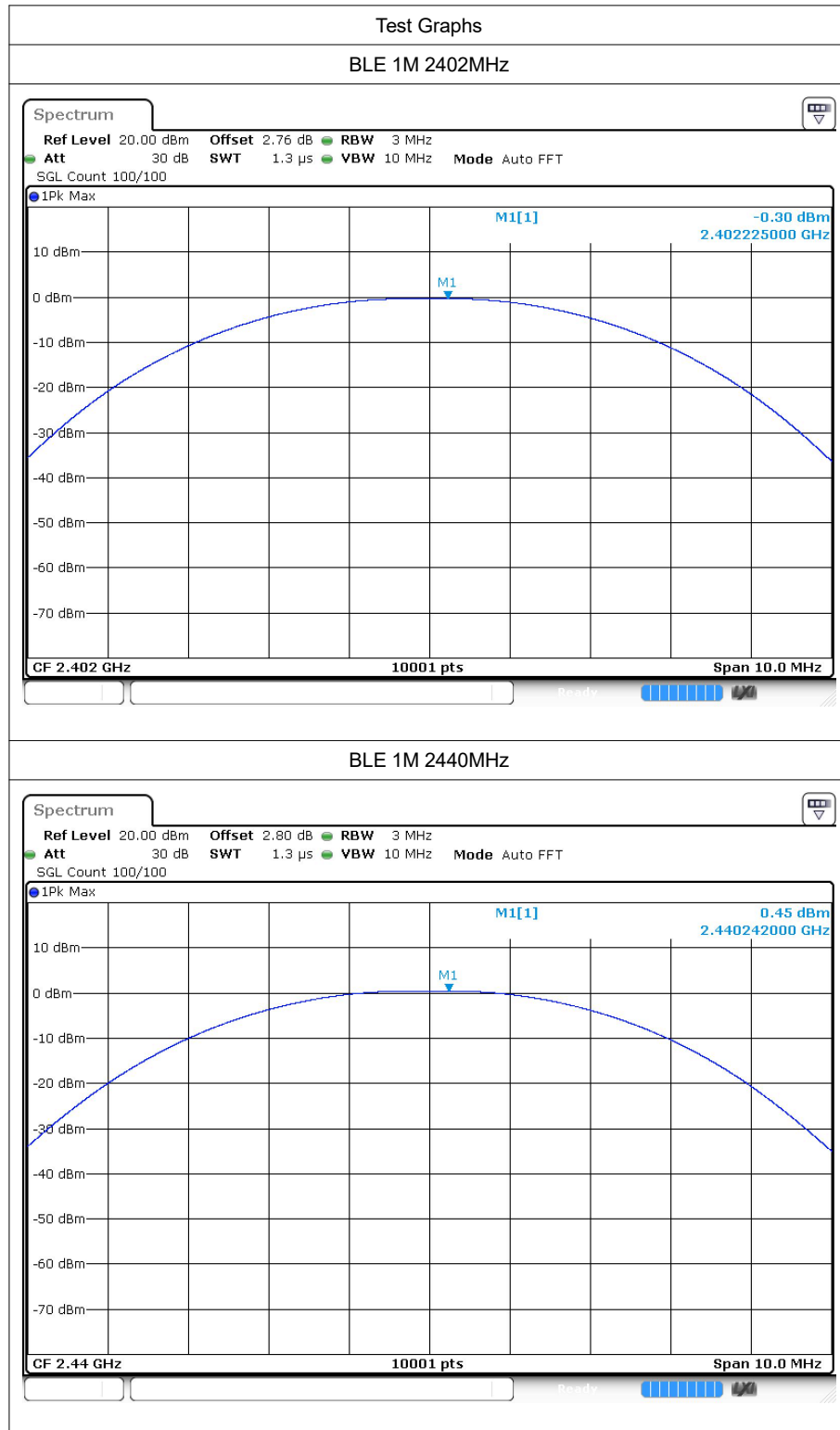


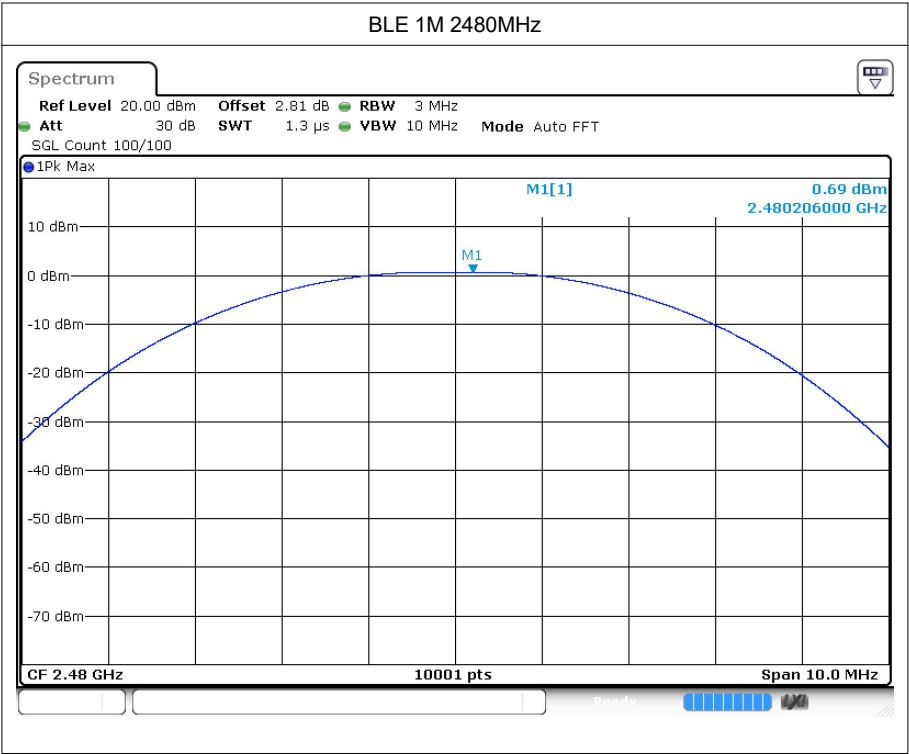
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	-0.3	30	Pass
BLE 1M	2440	0.45	30	Pass
BLE 1M	2480	0.69	30	Pass

2.2 Test Graphs





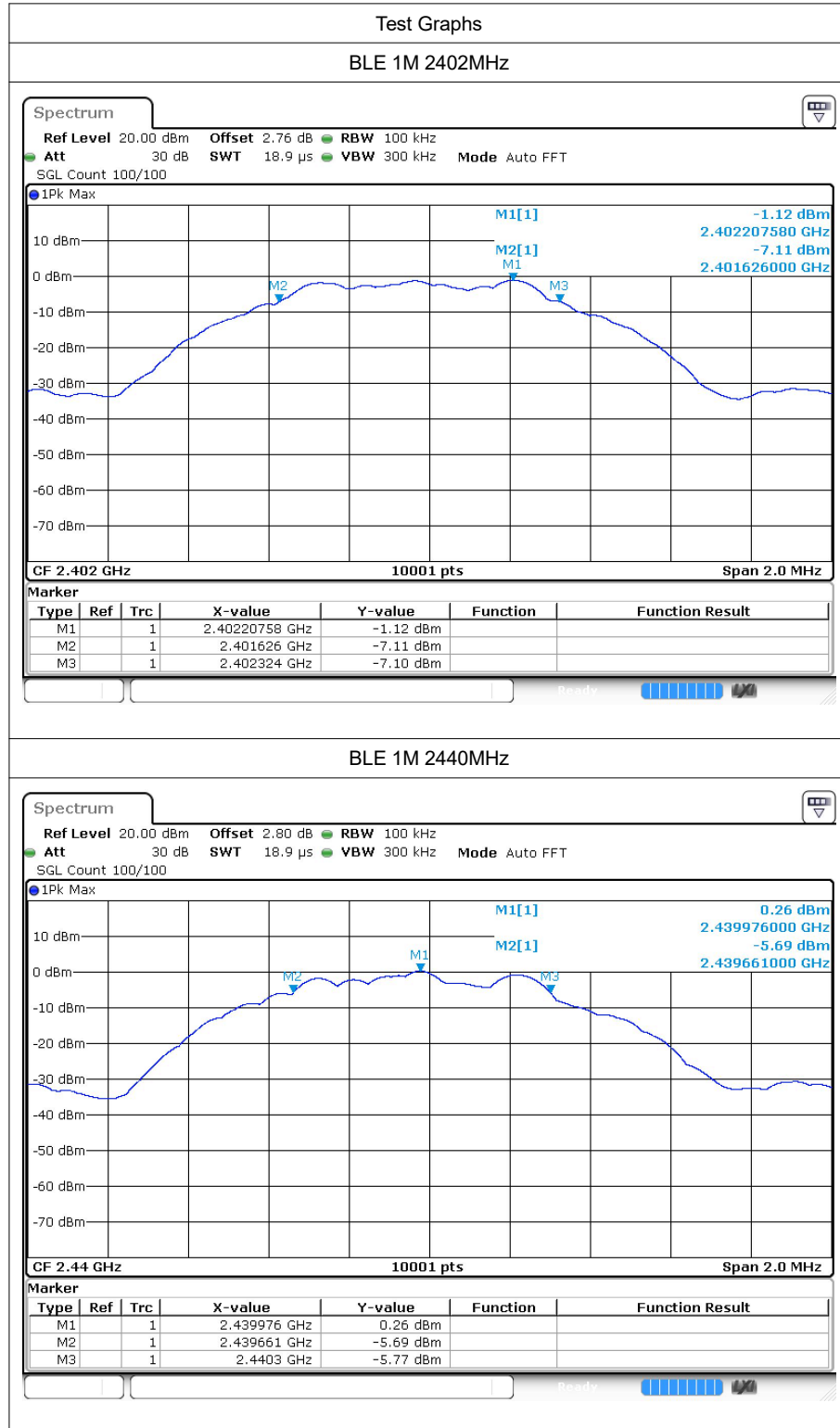


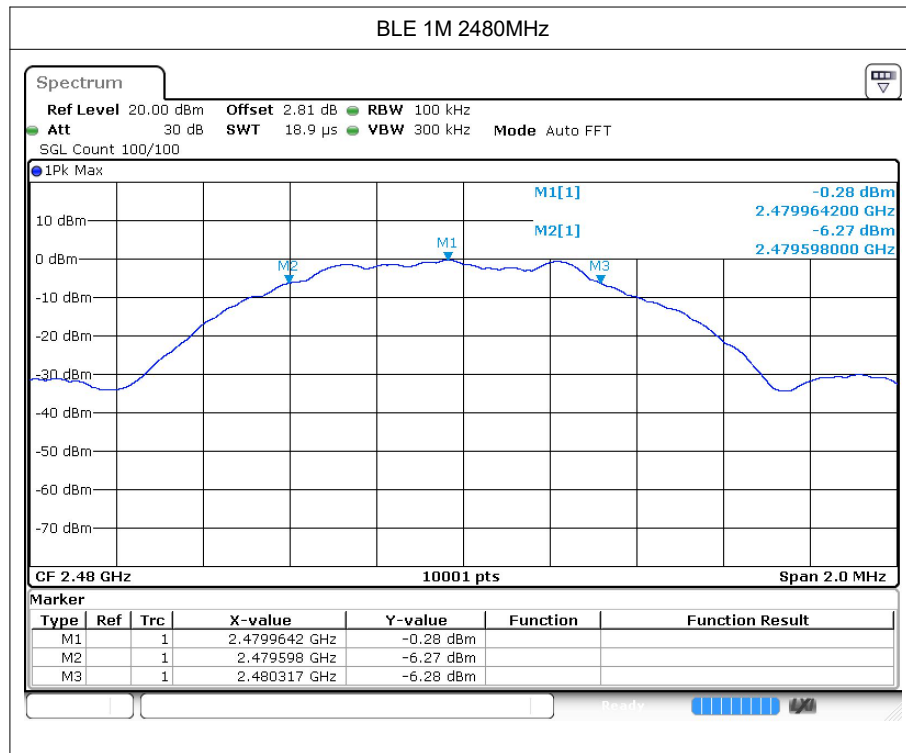
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.698	0.5	Pass
BLE 1M	2440	0.639	0.5	Pass
BLE 1M	2480	0.72	0.5	Pass

3.2 Test Graphs



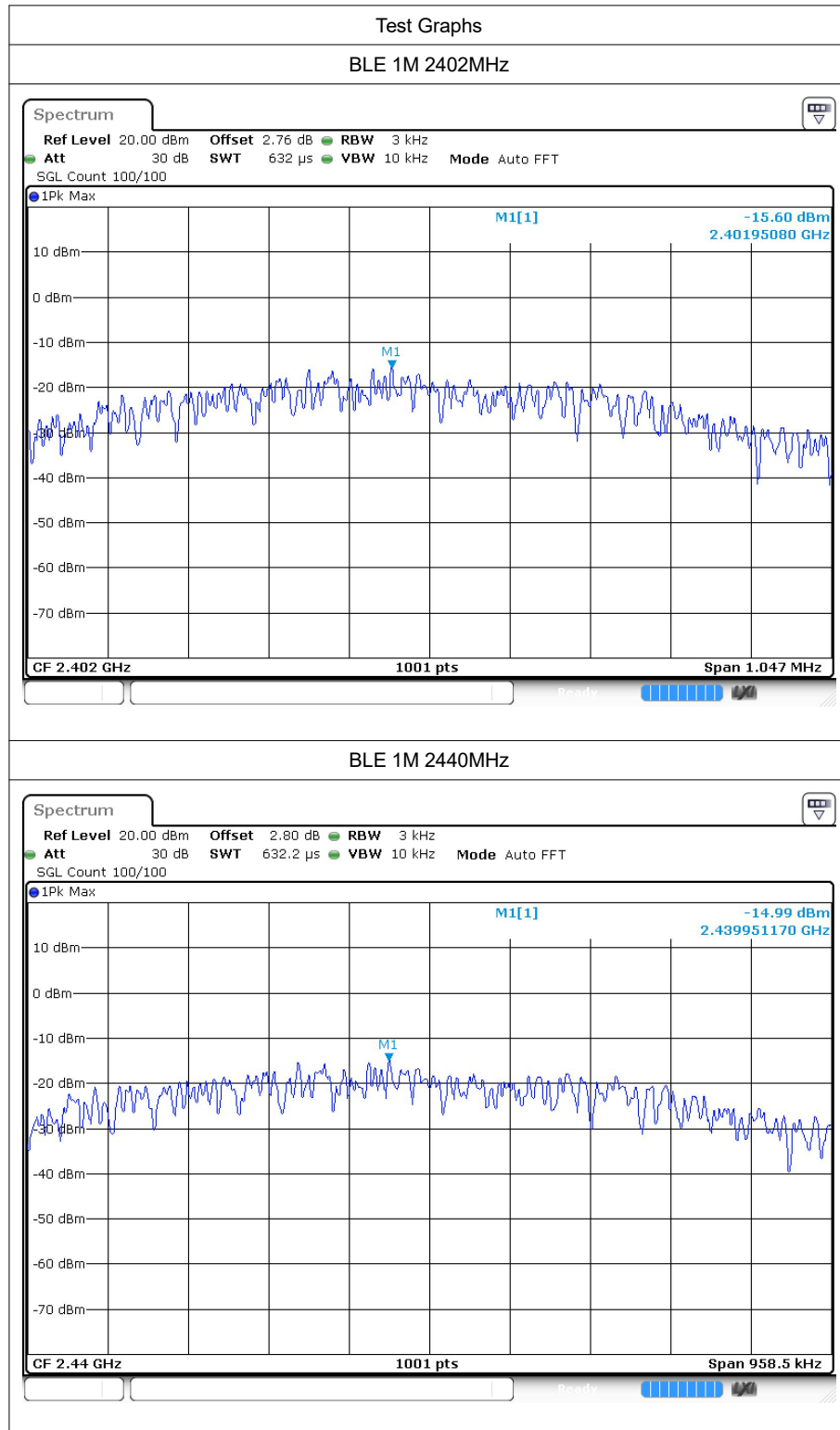


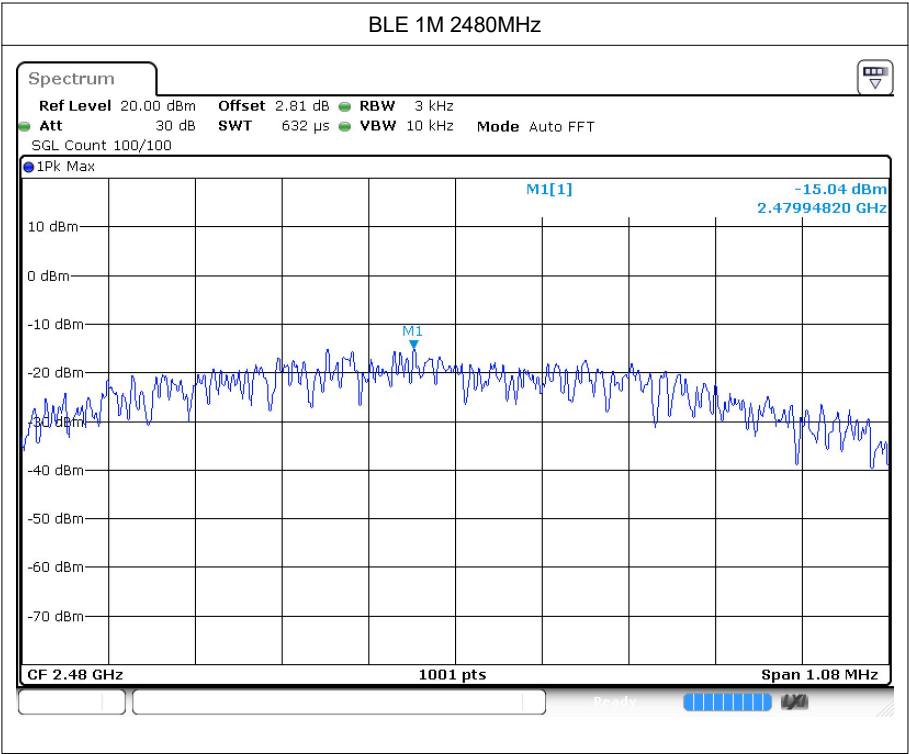
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-15.6	≤ 8	Pass
BLE 1M	2440	-14.99	≤ 8	Pass
BLE 1M	2480	-15.04	≤ 8	Pass

4.2 Test Graphs





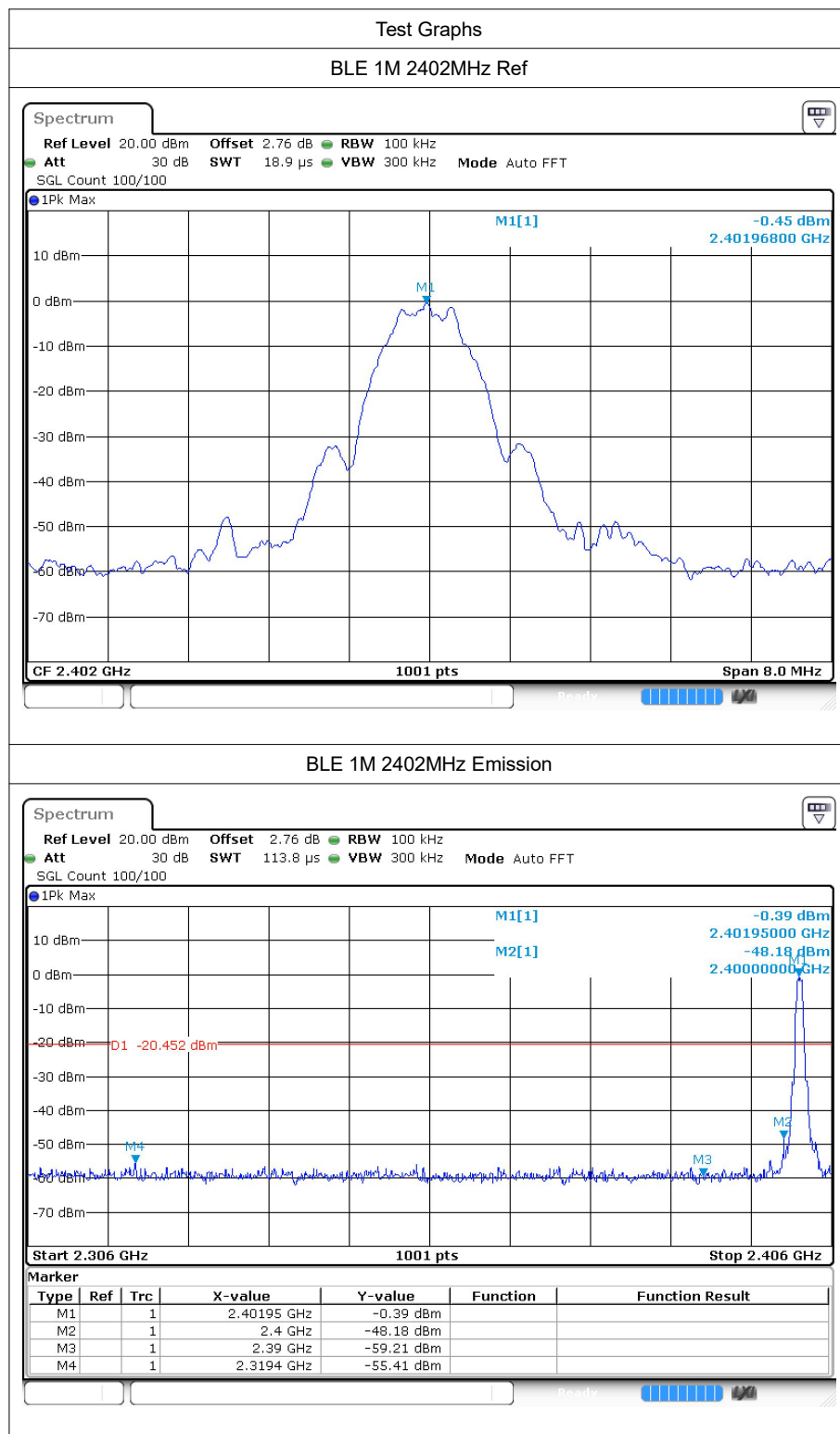


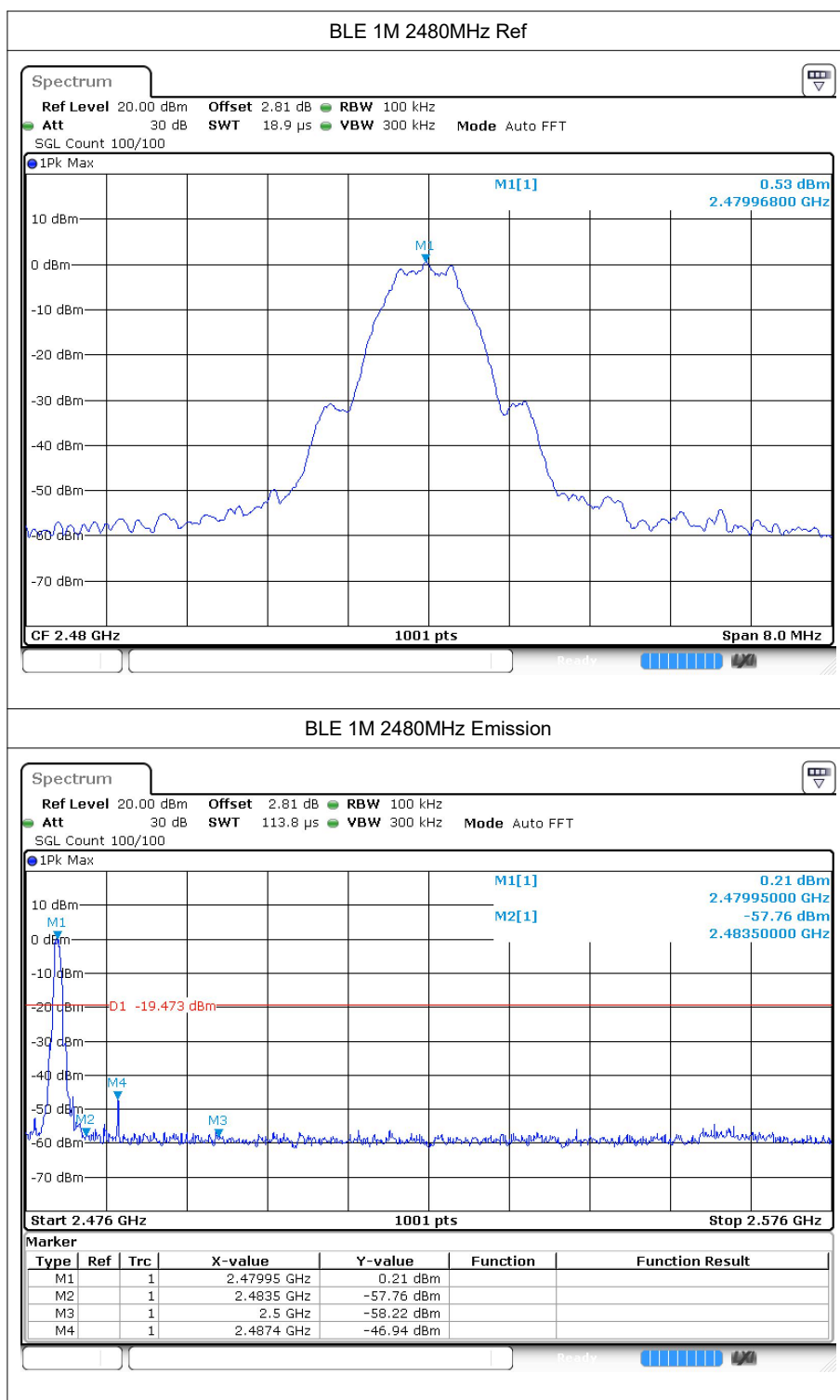
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-54.96	-20	Pass
BLE 1M	2480	-47.47	-20	Pass

5.2 Test Graphs



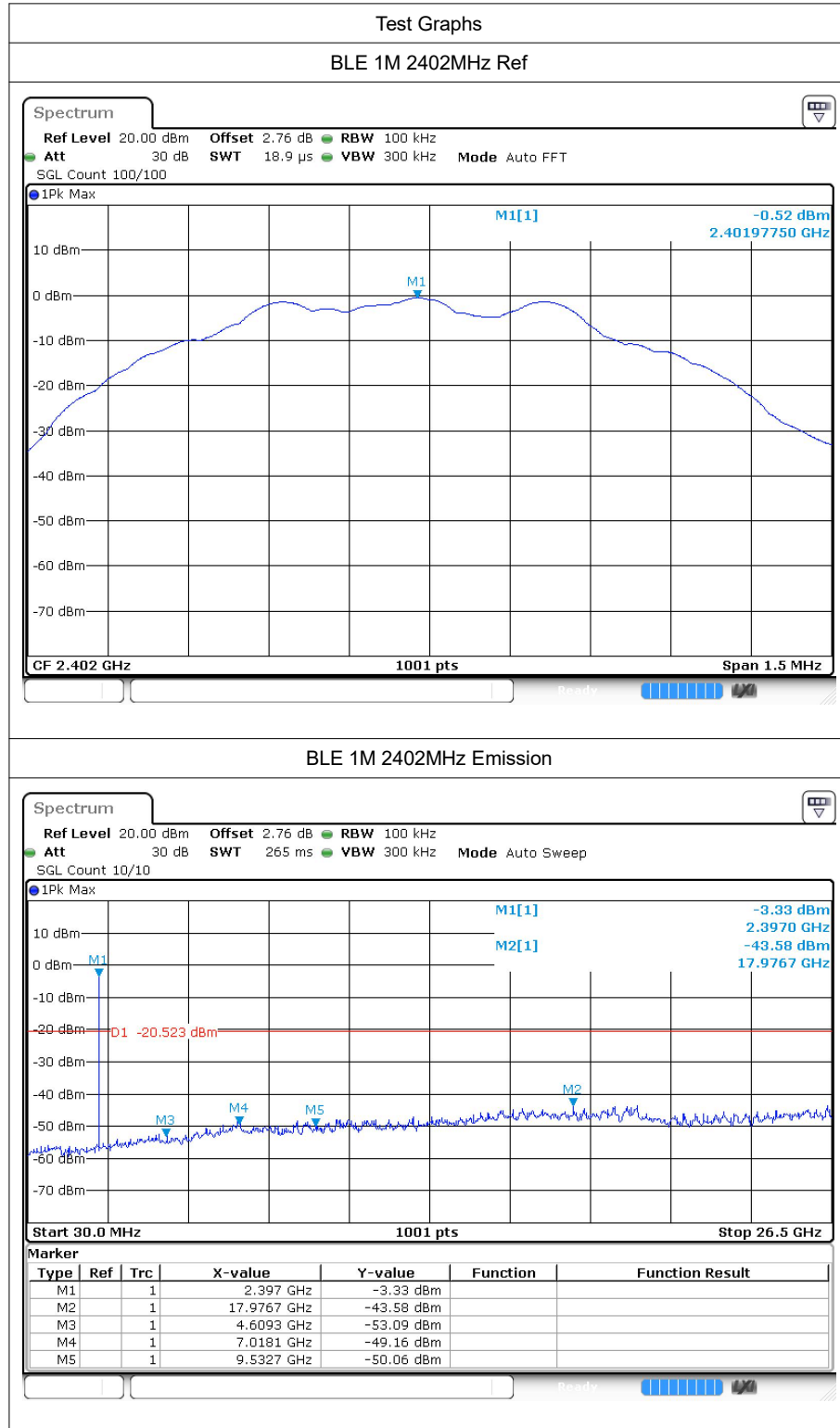


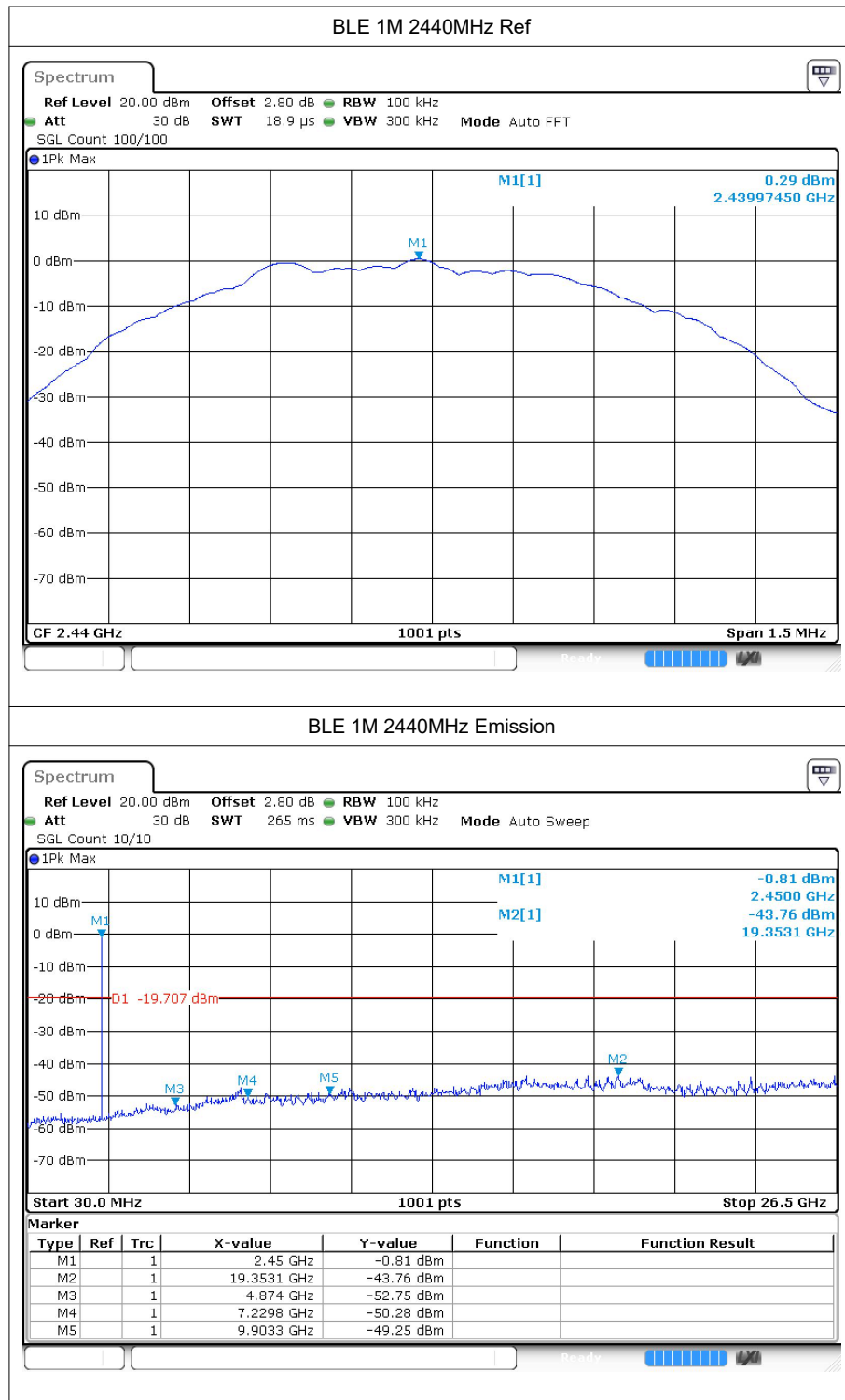
6 Conducted RF Spurious Emission

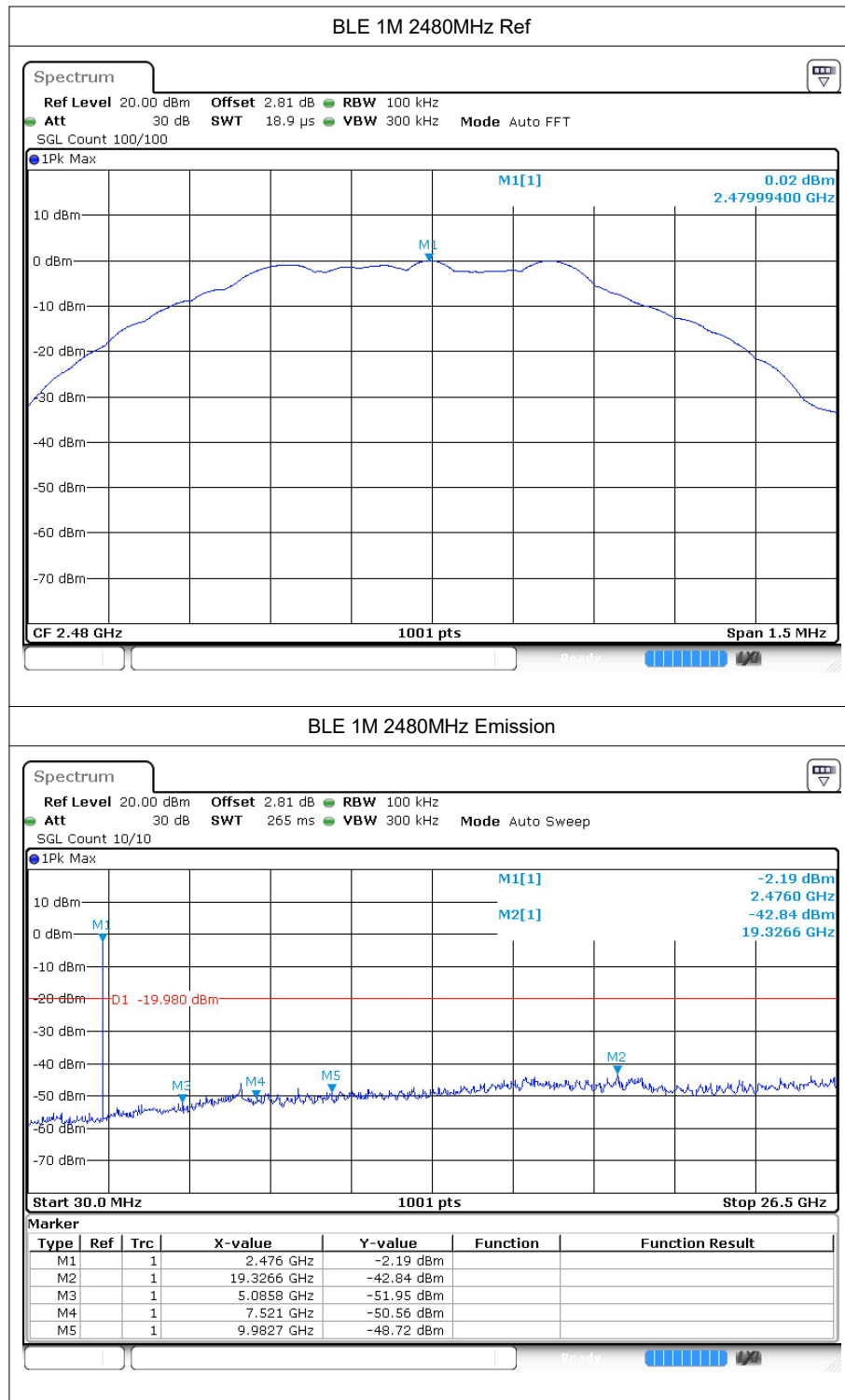
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-43.06	-20	Pass
BLE 1M	2440	-44.05	-20	Pass
BLE 1M	2480	-42.85	-20	Pass

6.2 Test Graphs







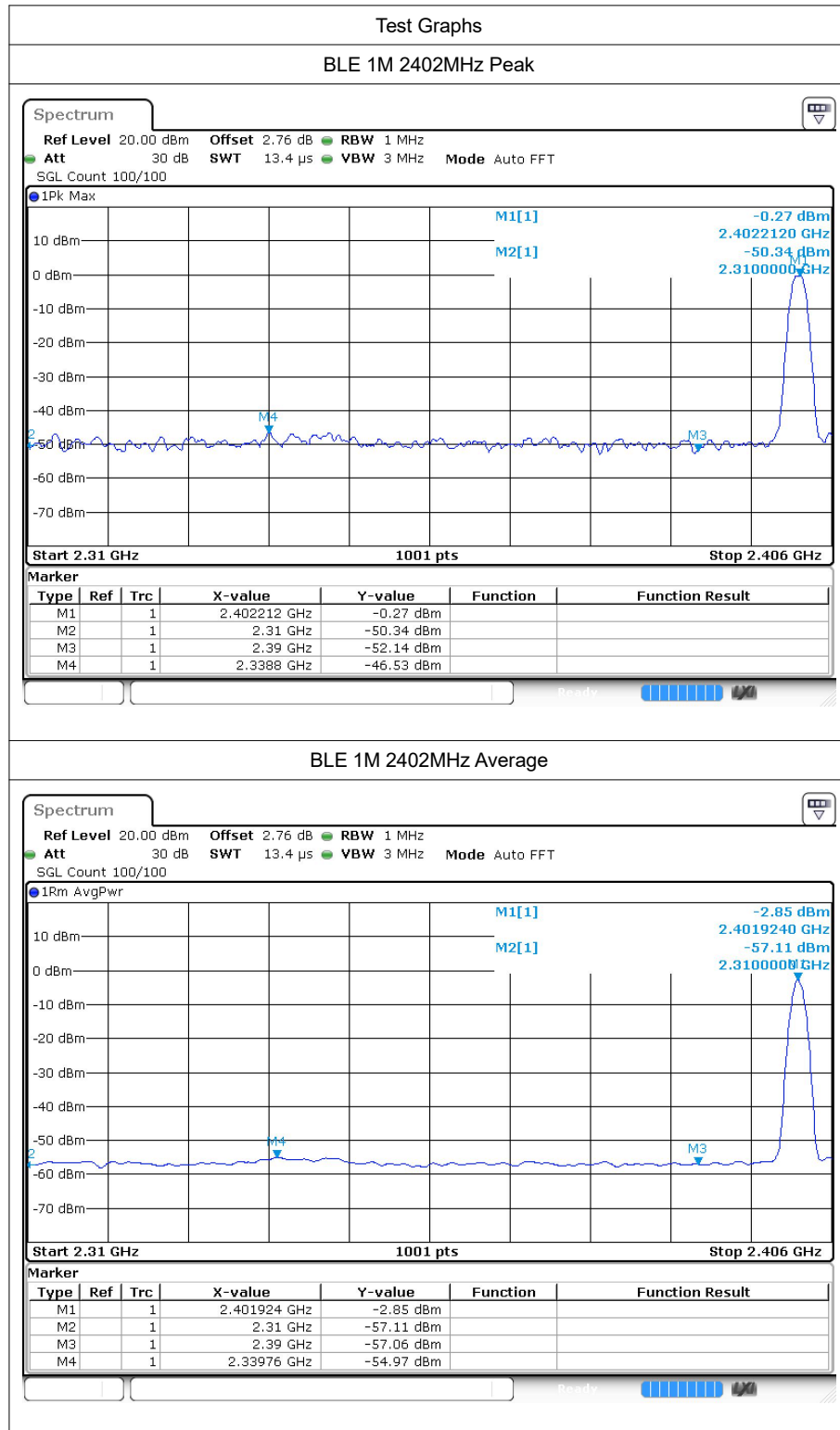


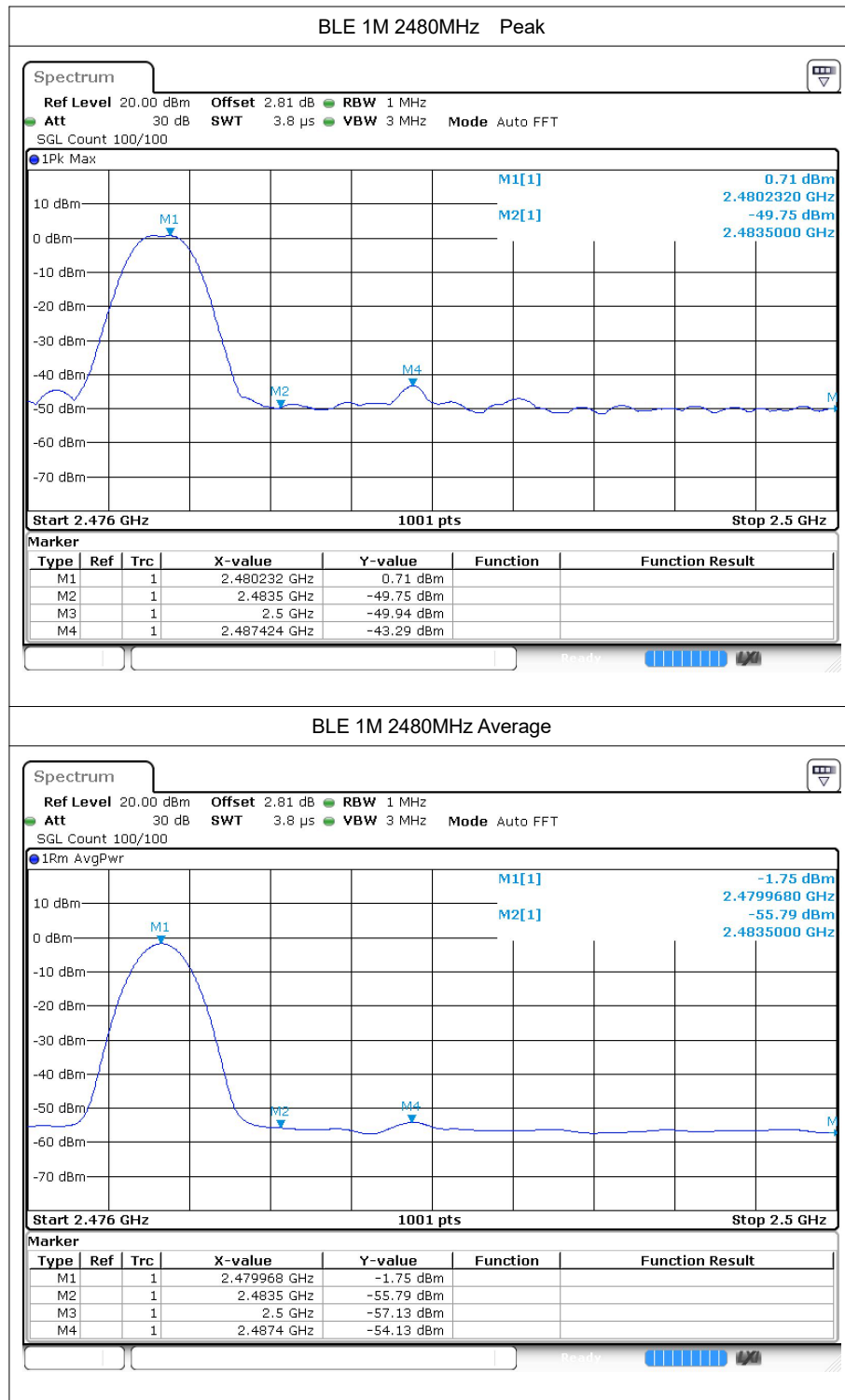
7 Restrict Band

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	-50.34	2.76	-	47.68	Peak	74	Pass
BLE 1M	2402	2310	-57.11	2.76	1.91	42.82	Average	54	Pass
BLE 1M	2402	2338.8	-46.53	2.76	-	51.49	Peak	74	Pass
BLE 1M	2402	2339.76	-54.97	2.76	1.91	44.96	Average	54	Pass
BLE 1M	2402	2390	-52.14	2.76	-	45.88	Peak	74	Pass
BLE 1M	2402	2390	-57.06	2.76	1.91	42.87	Average	54	Pass
BLE 1M	2480	2483.5	-49.75	2.76	-	48.27	Peak	74	Pass
BLE 1M	2480	2483.5	-55.79	2.76	1.93	44.16	Average	54	Pass
BLE 1M	2480	2487.424	-43.28	2.76	-	54.74	Peak	74	Pass
BLE 1M	2480	2487.4	-54.12	2.76	1.93	45.83	Average	54	Pass
BLE 1M	2480	2500	-49.94	2.76	-	48.08	Peak	74	Pass
BLE 1M	2480	2500	-57.13	2.76	1.93	42.82	Average	54	Pass

7.2 Test Graphs





---The End---