

Appendix B

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

Product Name:Tablet PC

Trade Mark:Blackview

Test Model:Tab 50 WiFi

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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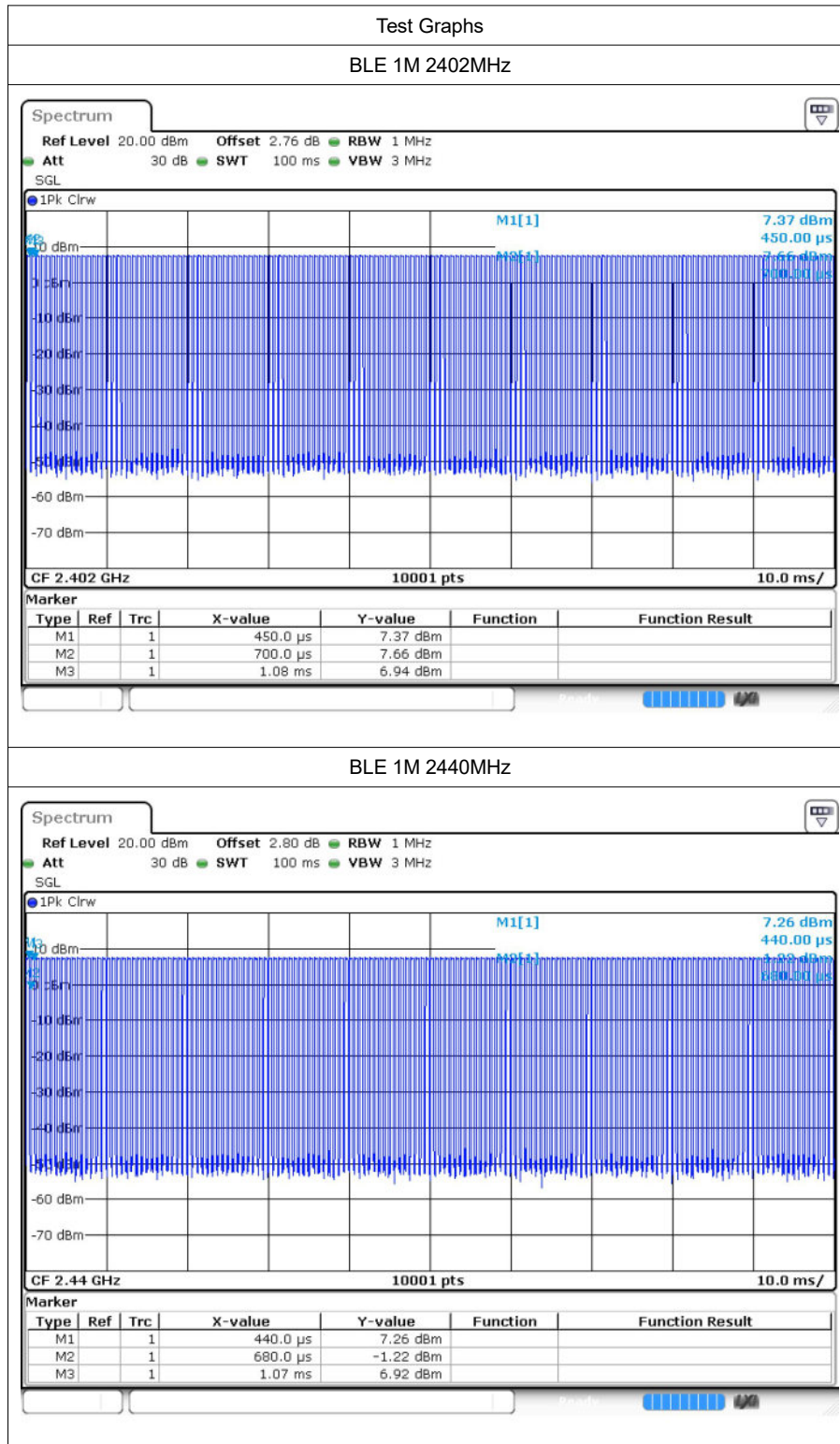
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1 Duty Cycle

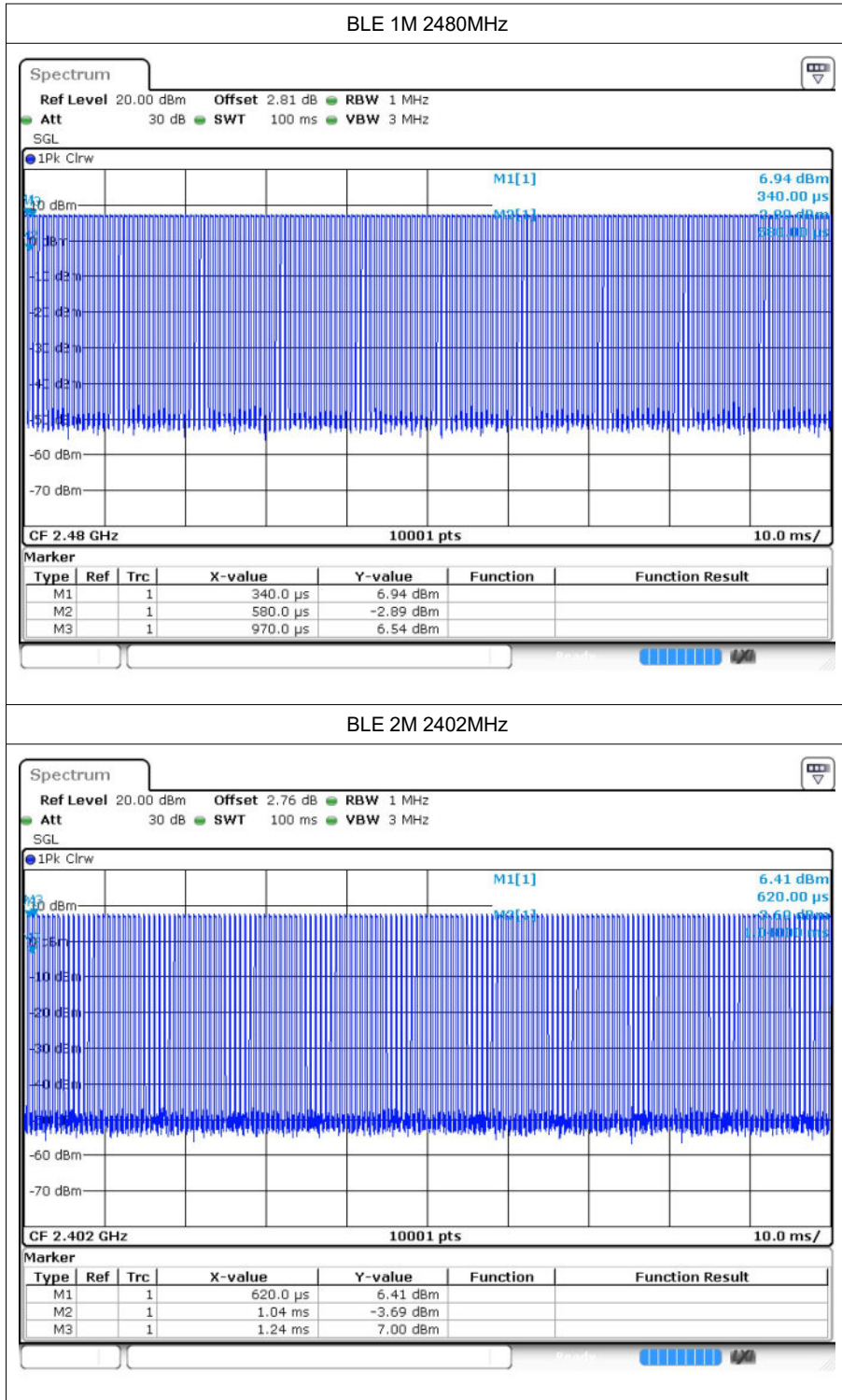
1.1 Test Result

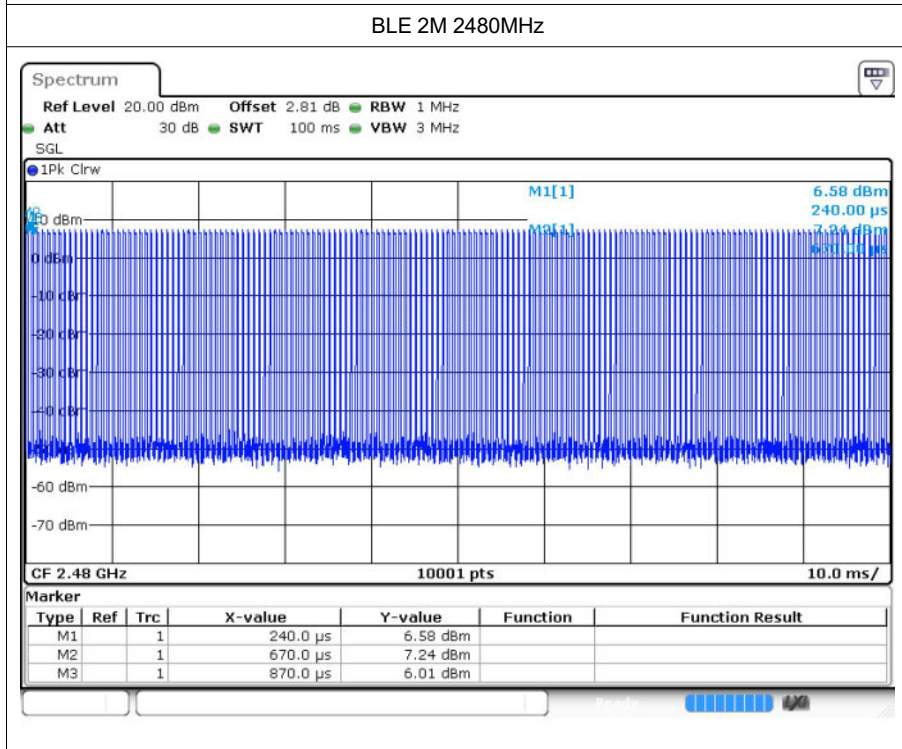
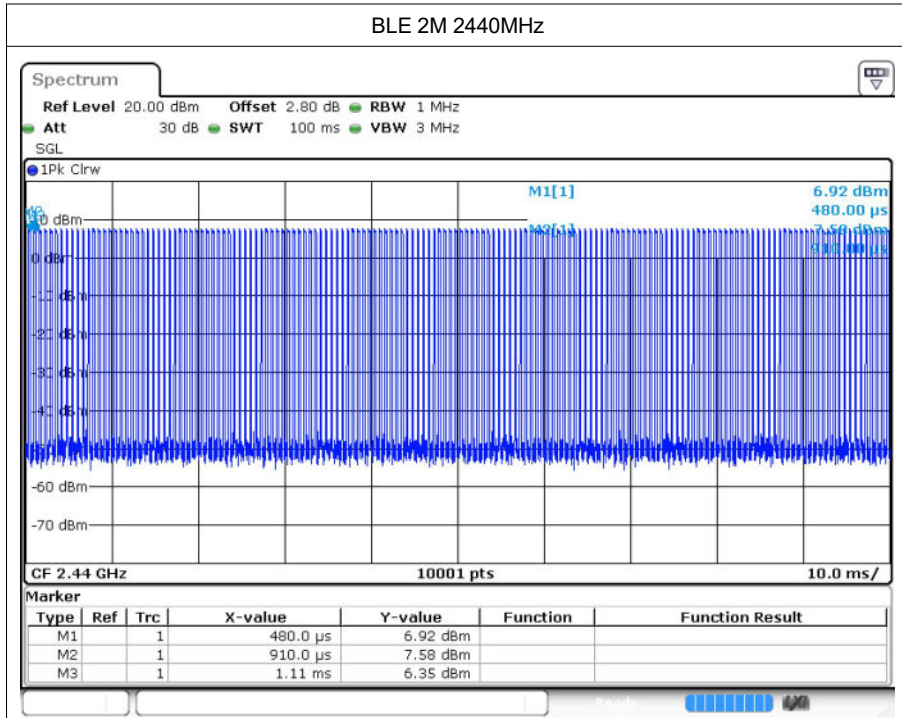
Mode	Frequency (MHz)	Duty Cycle (%)	1/T (kHz)
BLE 1M	2402	62.88	2.63
BLE 1M	2440	63.19	2.56
BLE 1M	2480	63.2	2.56
BLE 2M	2402	33.85	5
BLE 2M	2440	33.6	5
BLE 2M	2480	33.6	5

1.2 Test Graphs



BLE 1M 2440MHz



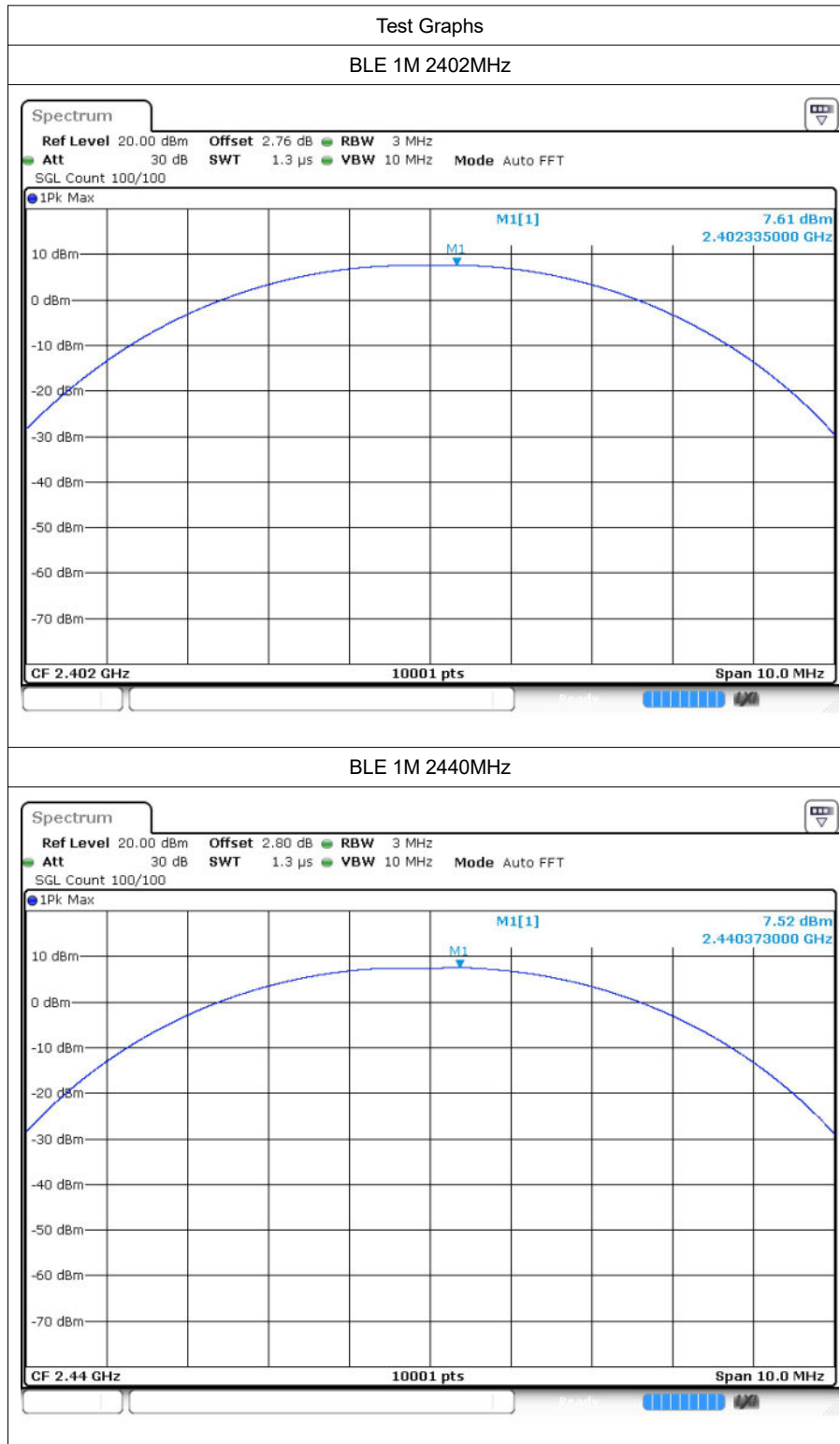


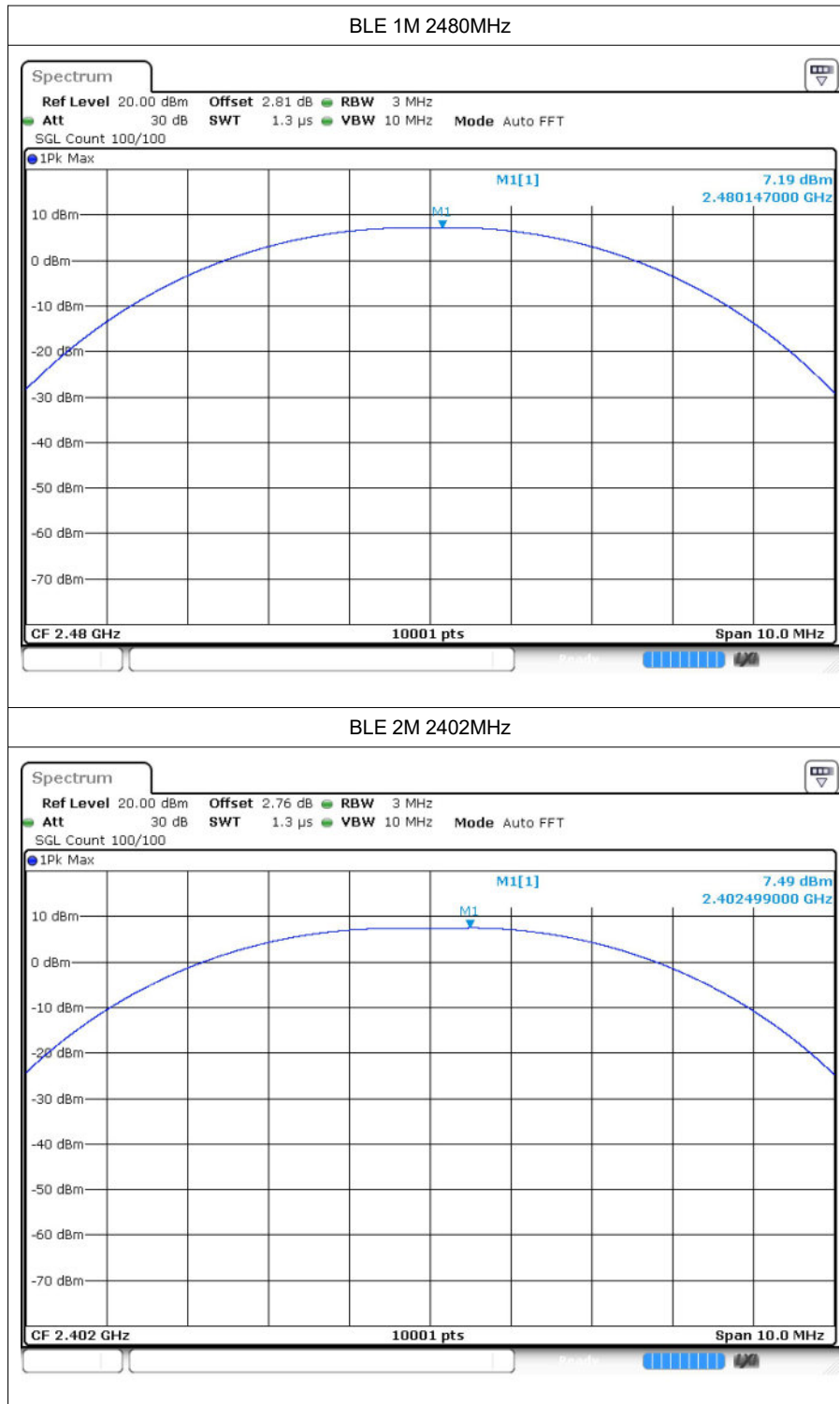
2 Maximum Conducted Output Power

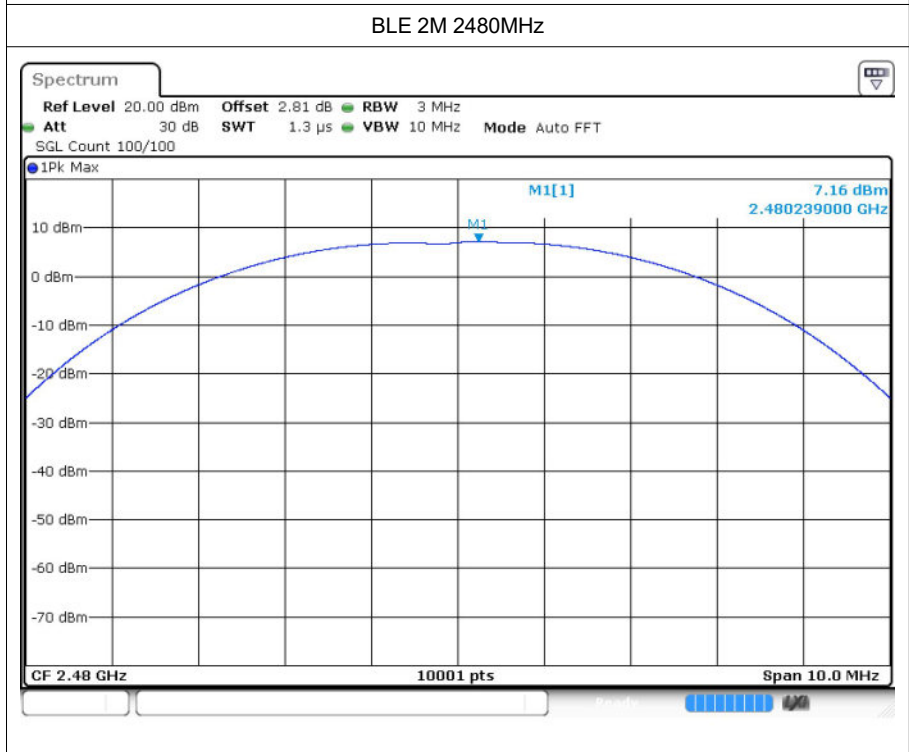
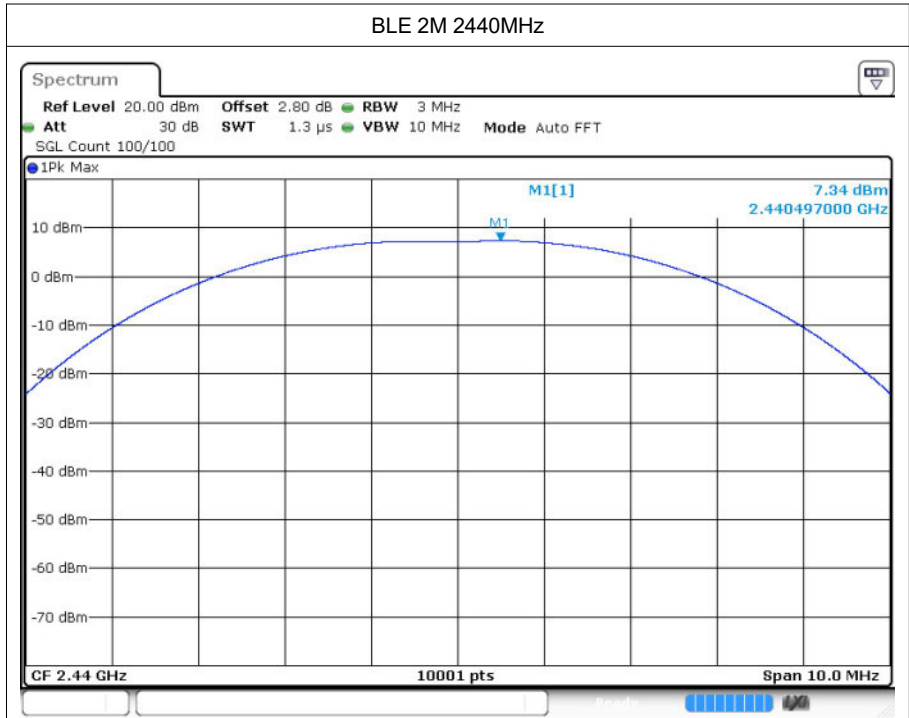
2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	7.61	30	Pass
BLE 1M	2440	7.52	30	Pass
BLE 1M	2480	7.19	30	Pass
BLE 2M	2402	7.49	30	Pass
BLE 2M	2440	7.34	30	Pass
BLE 2M	2480	7.16	30	Pass

2.2 Test Graphs





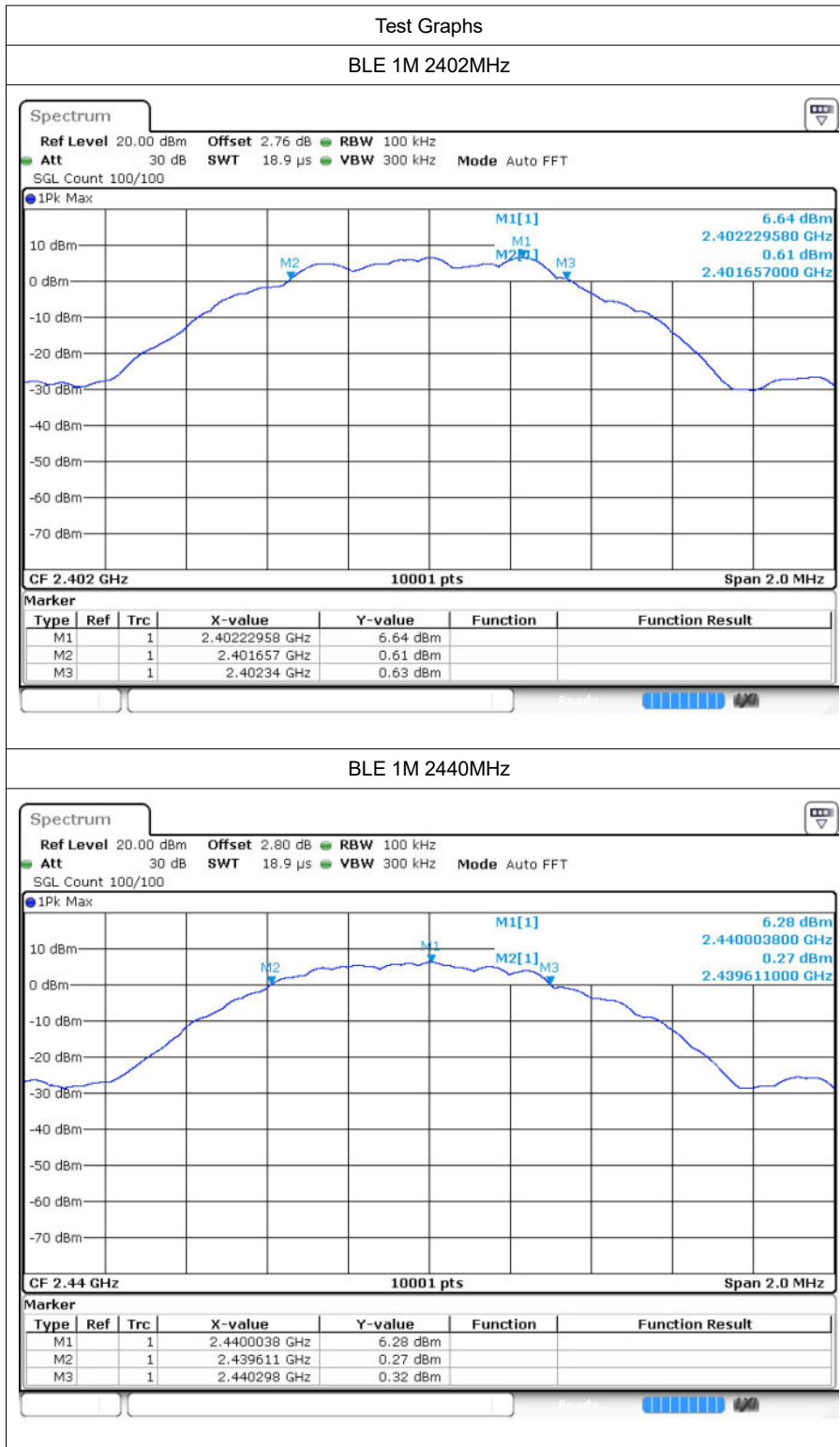


3 -6dB Bandwidth

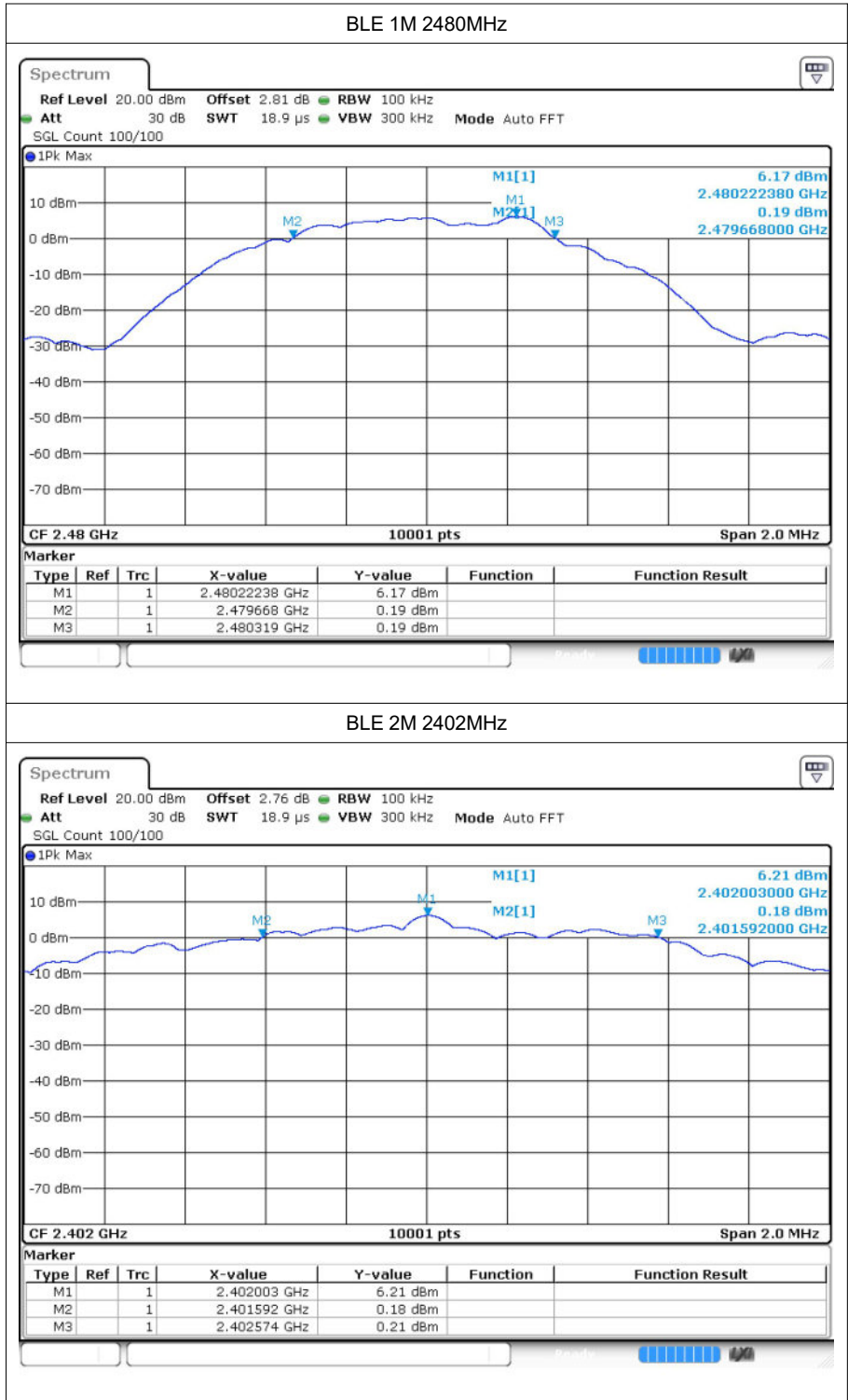
3.1 Test Result

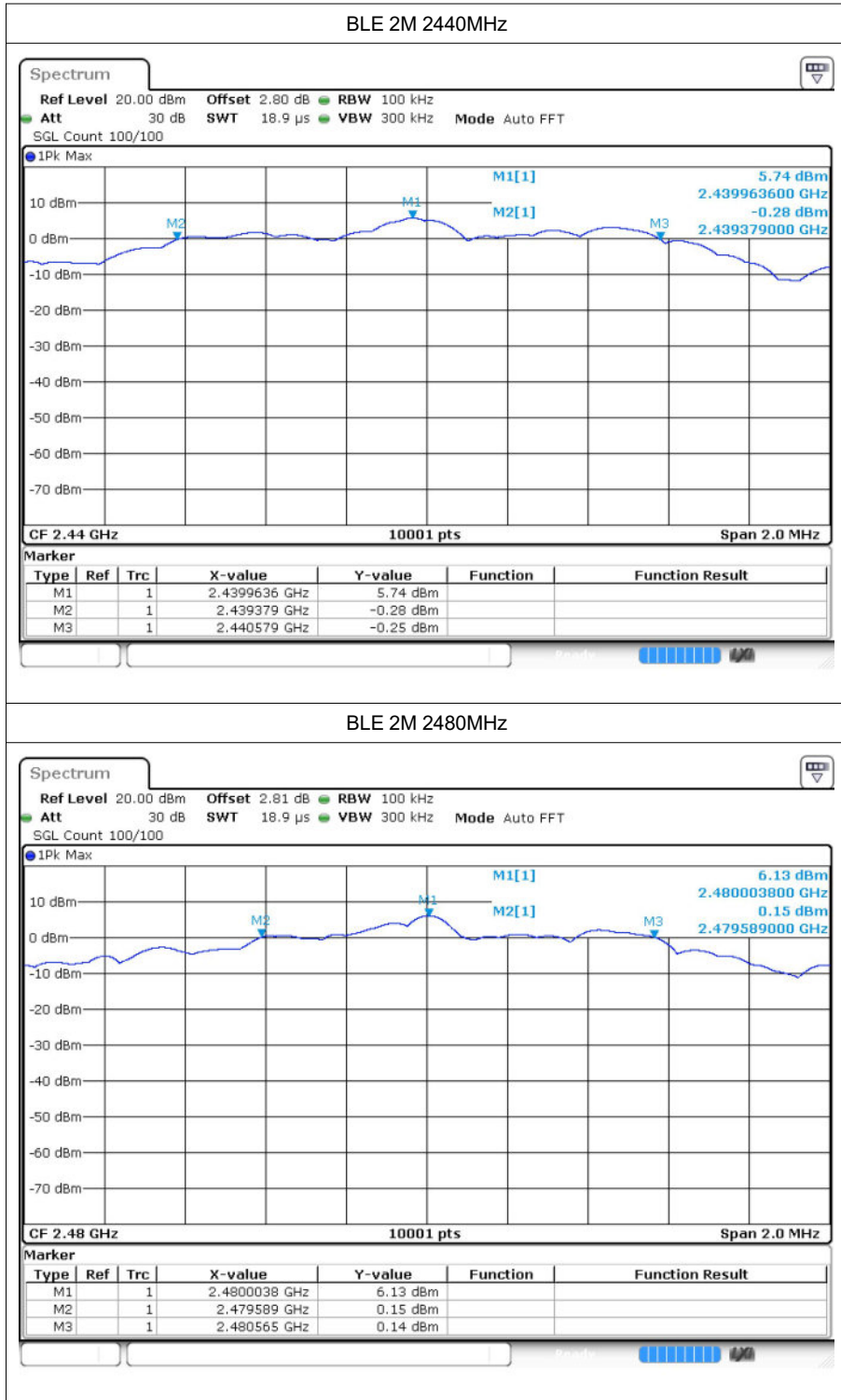
Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.682	0.5	Pass
BLE 1M	2440	0.687	0.5	Pass
BLE 1M	2480	0.651	0.5	Pass
BLE 2M	2402	0.981	0.5	Pass
BLE 2M	2440	1.2	0.5	Pass
BLE 2M	2480	0.977	0.5	Pass

3.2 Test Graphs



BLE 1M 2440MHz



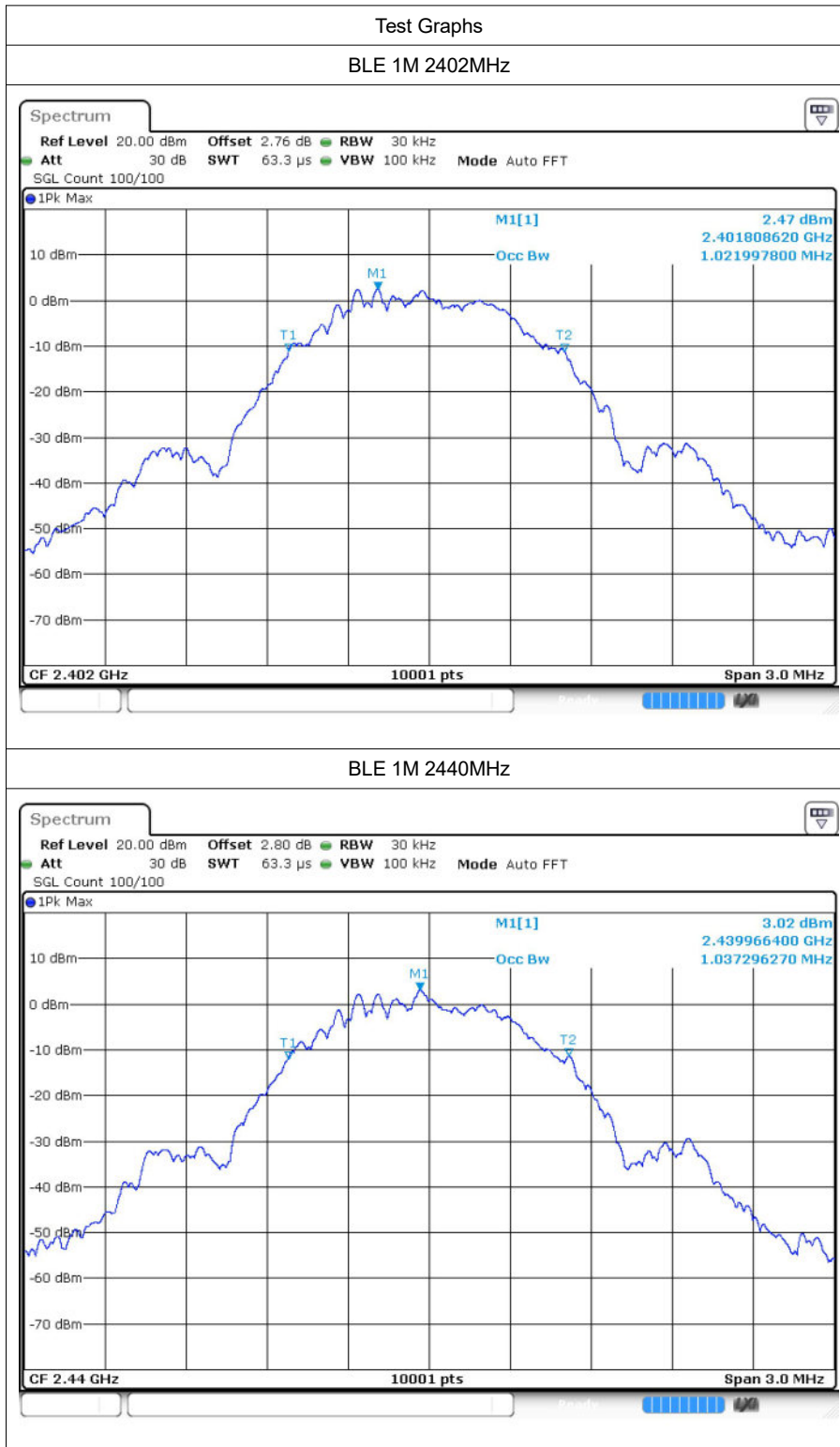


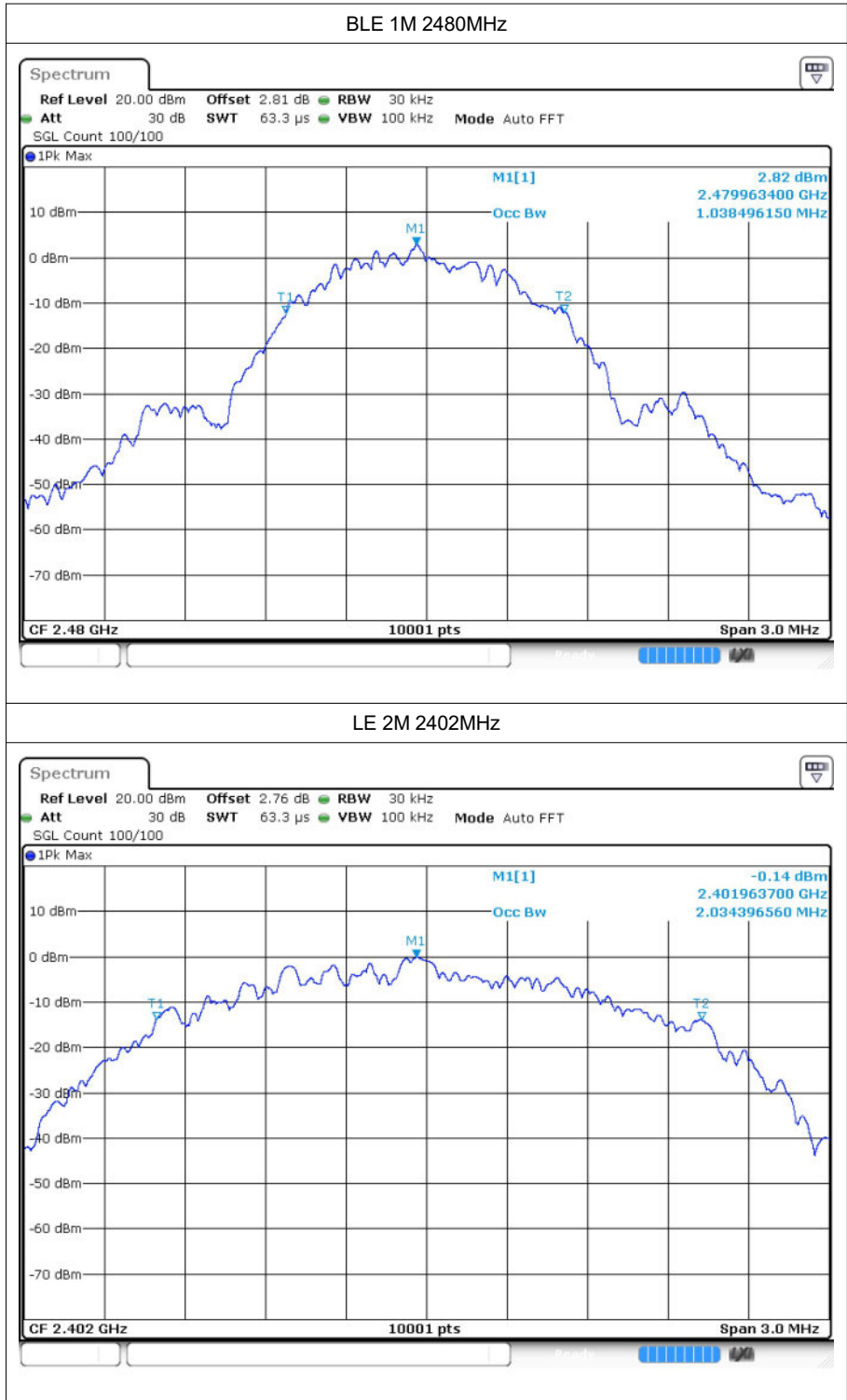
4 Occupied Channel Bandwidth

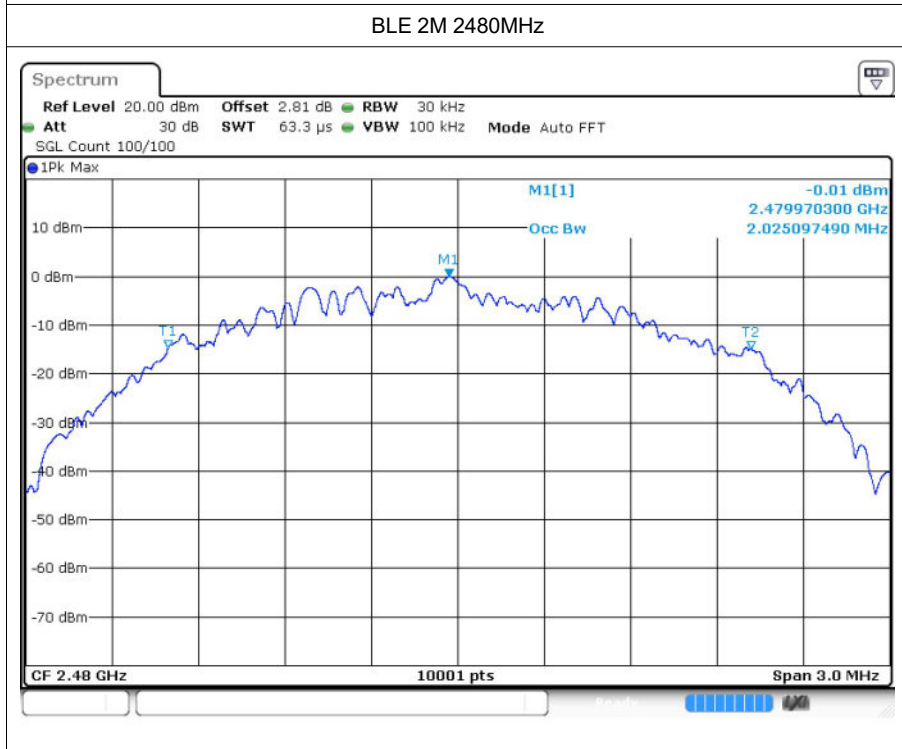
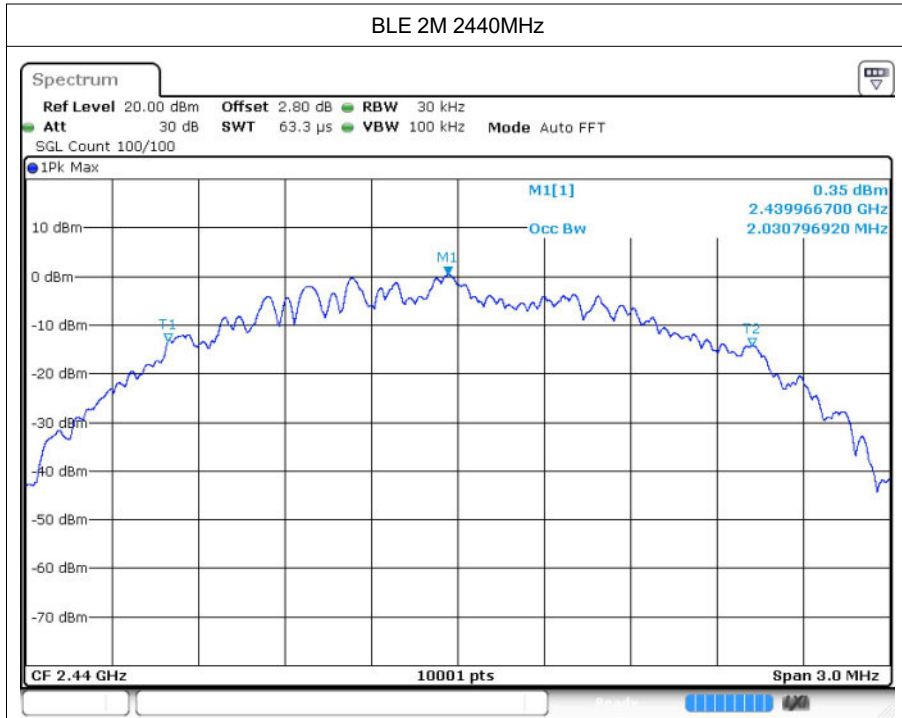
4.1 Test Result

Mode	Frequency (MHz)	99% OBW (MHz)
BLE 1M	2402	1.022
BLE 1M	2440	1.037
BLE 1M	2480	1.038
BLE 2M	2402	2.034
BLE 2M	2440	2.031
BLE 2M	2480	2.025

4.2 Test Graphs





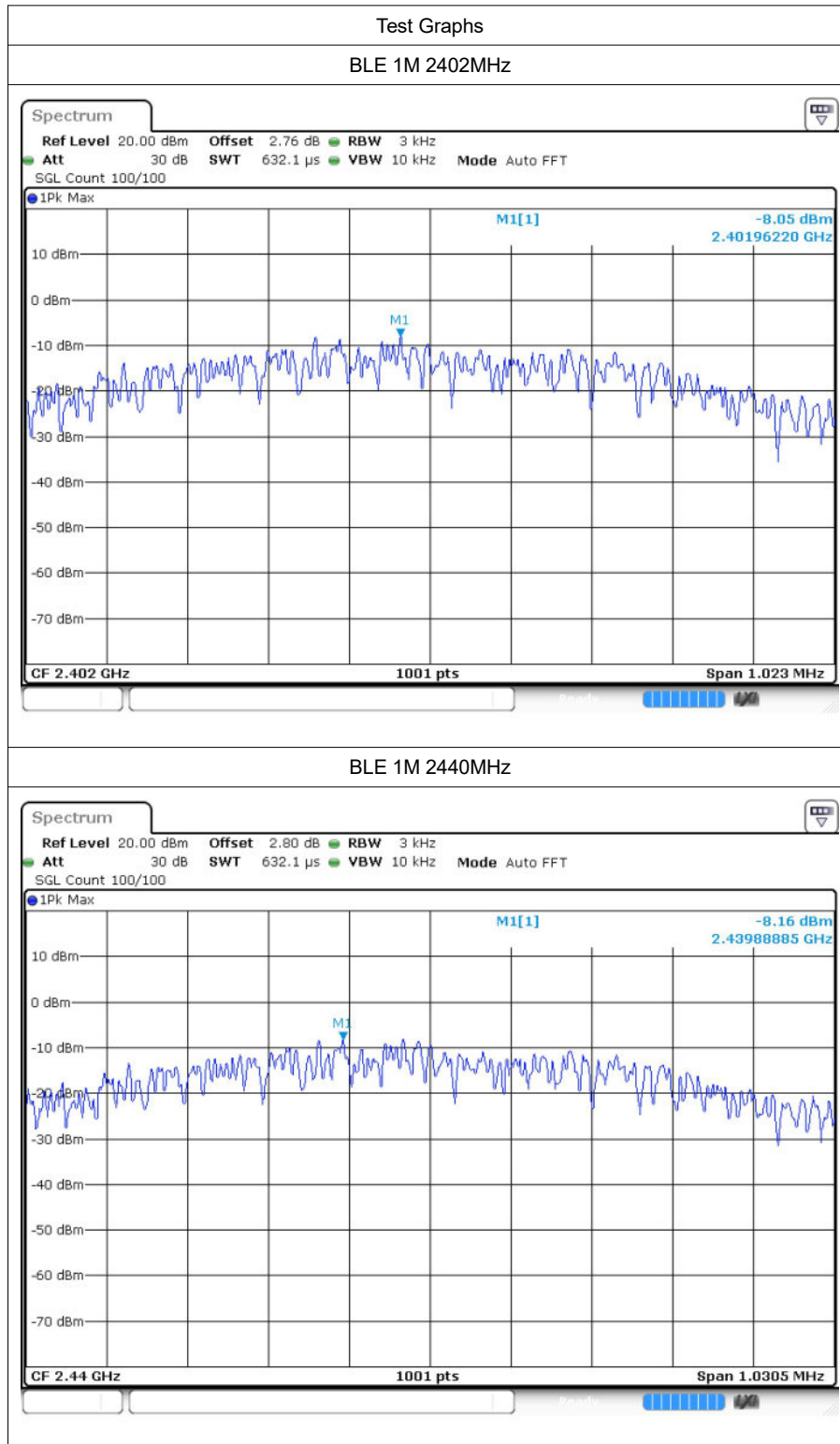


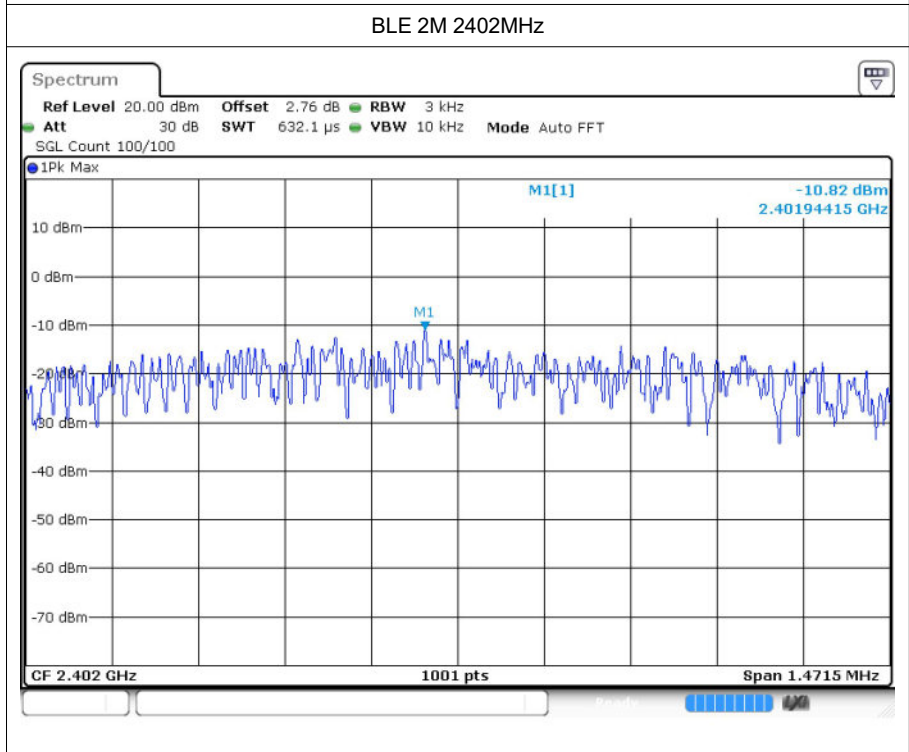
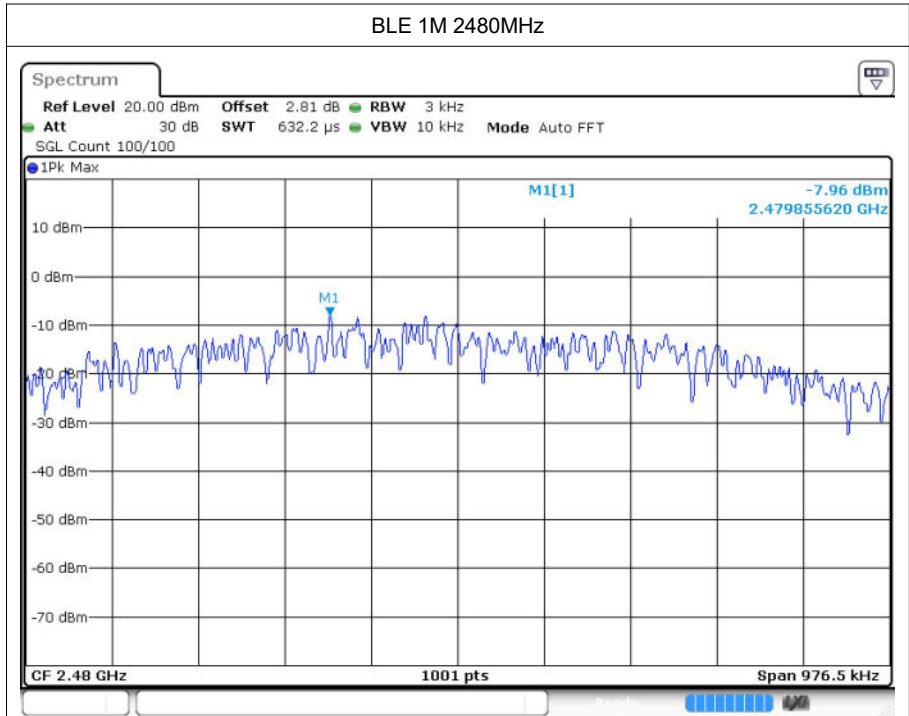
5 Maximum Power Spectral Density Level

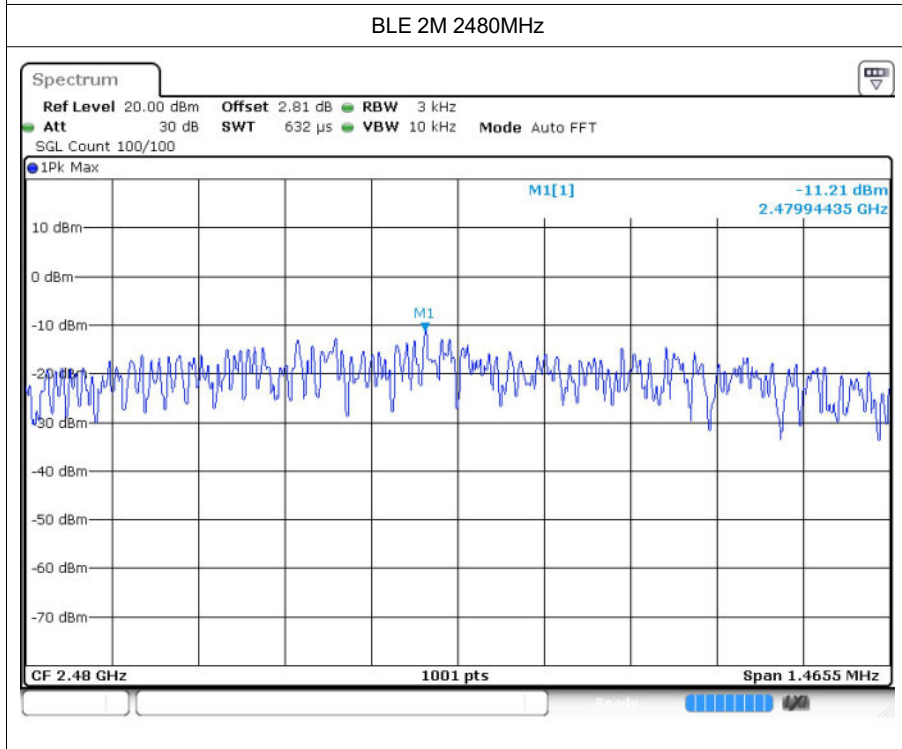
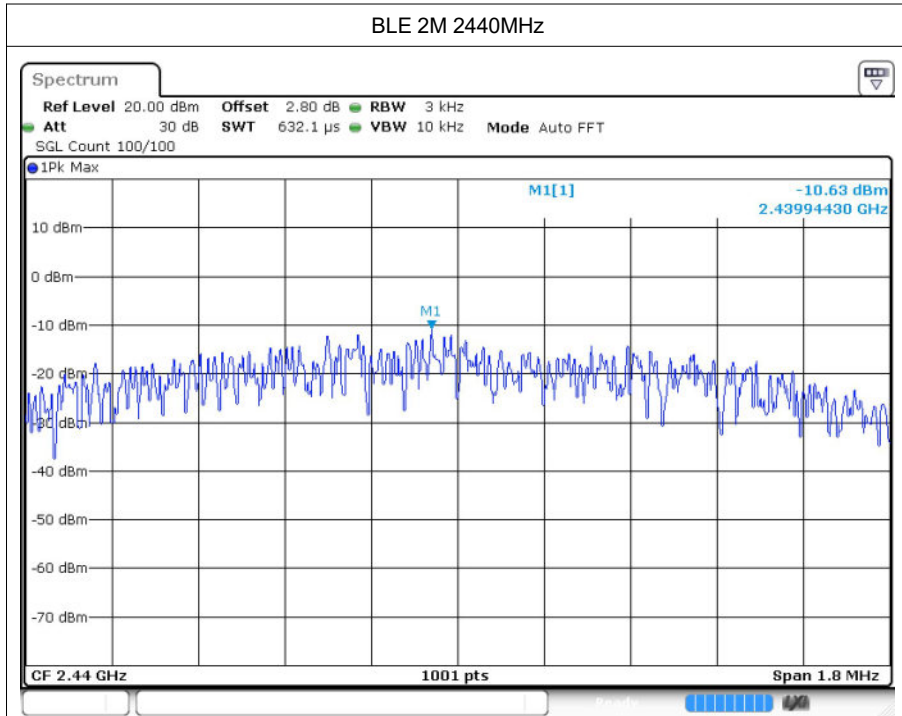
5.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-8.05	≤8	Pass
BLE 1M	2440	-8.16	≤8	Pass
BLE 1M	2480	-7.96	≤8	Pass
BLE 2M	2402	-10.82	≤8	Pass
BLE 2M	2440	-10.63	≤8	Pass
BLE 2M	2480	-11.21	≤8	Pass

5.2 Test Graphs





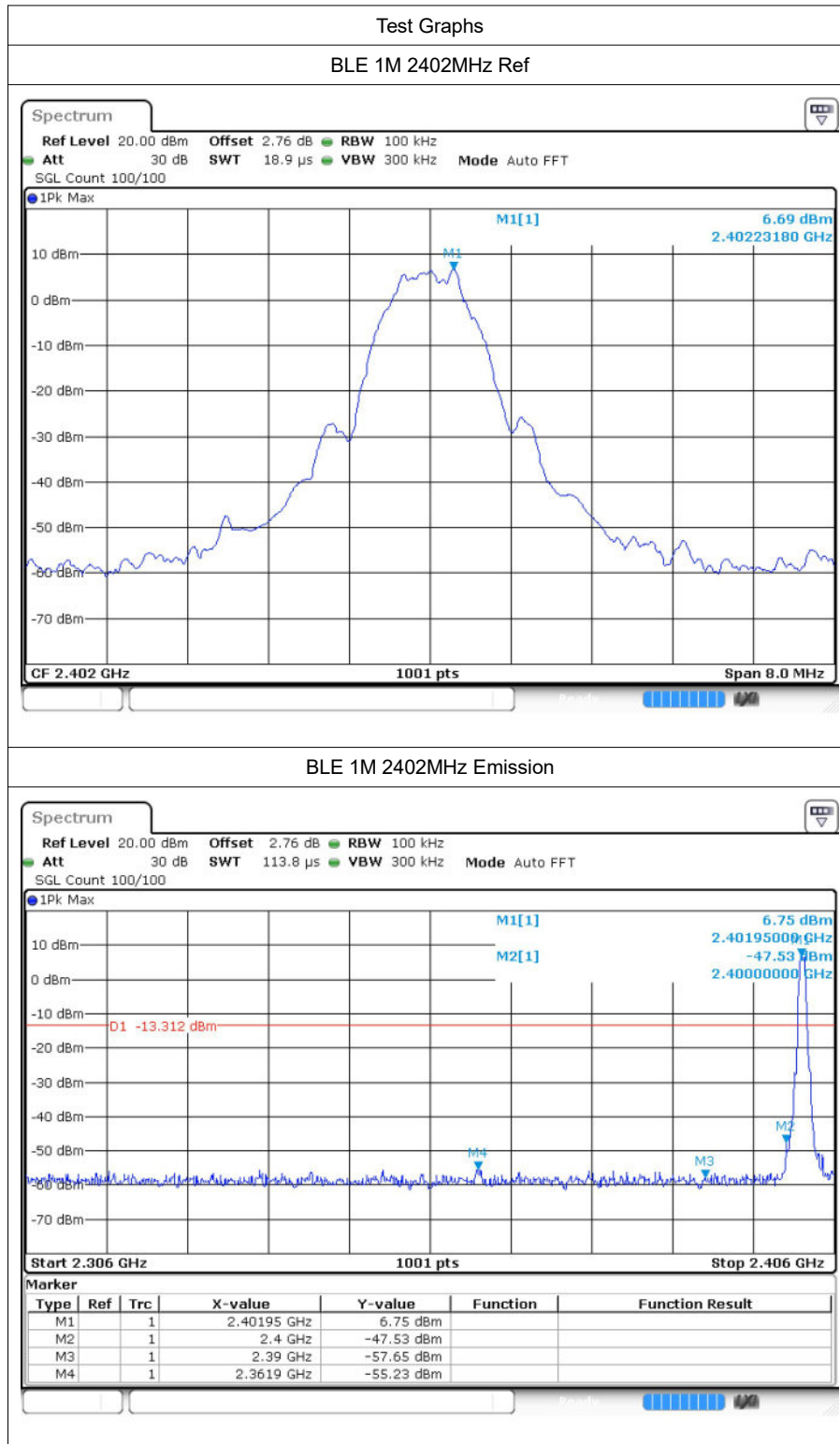


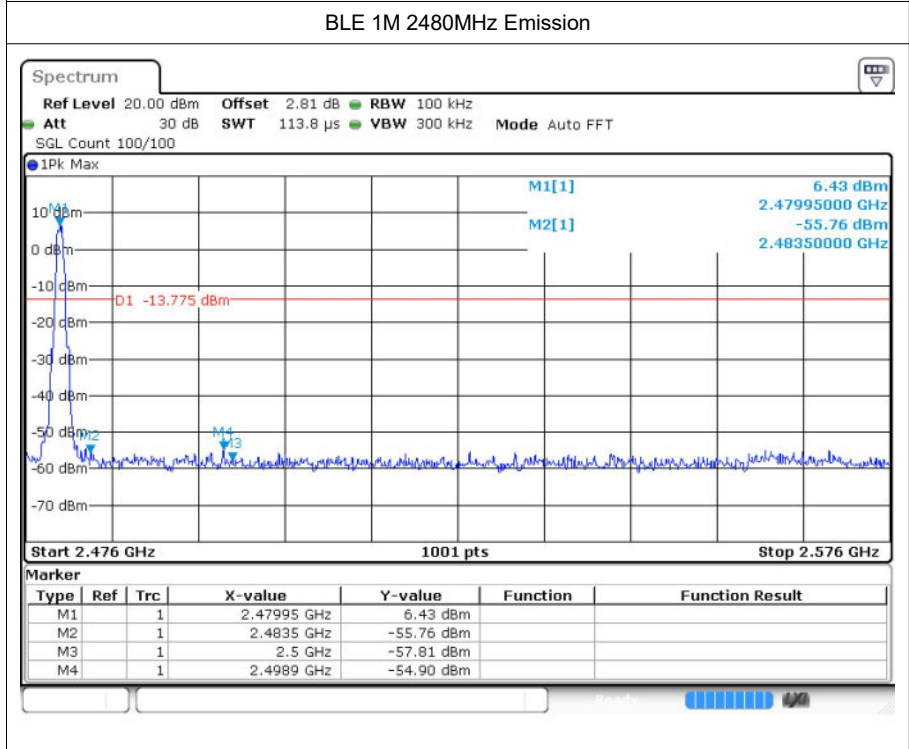
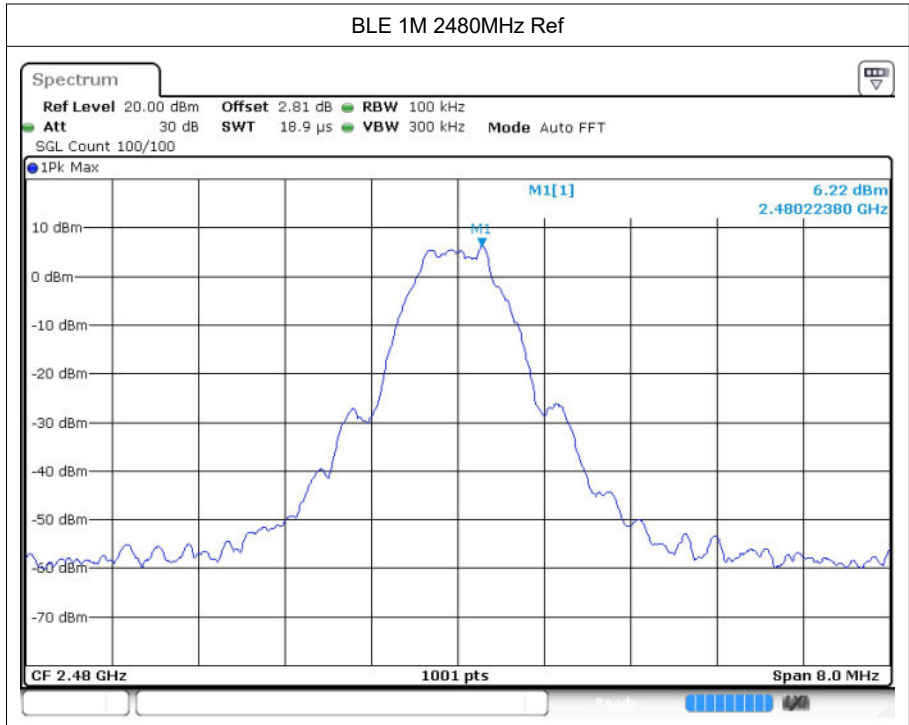
6 Band Edge

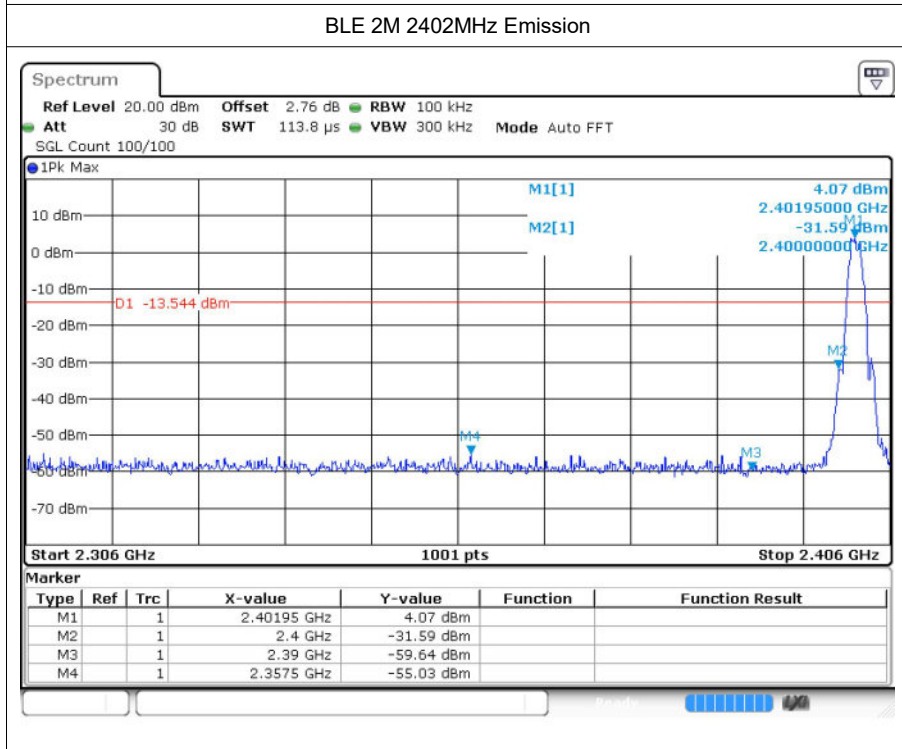
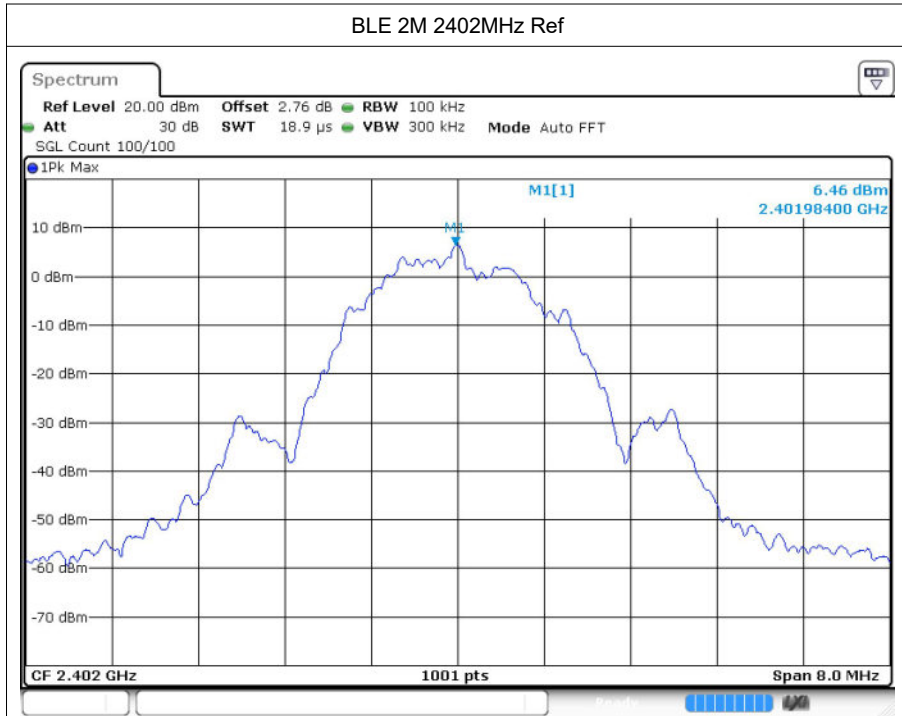
6.1 Test Result

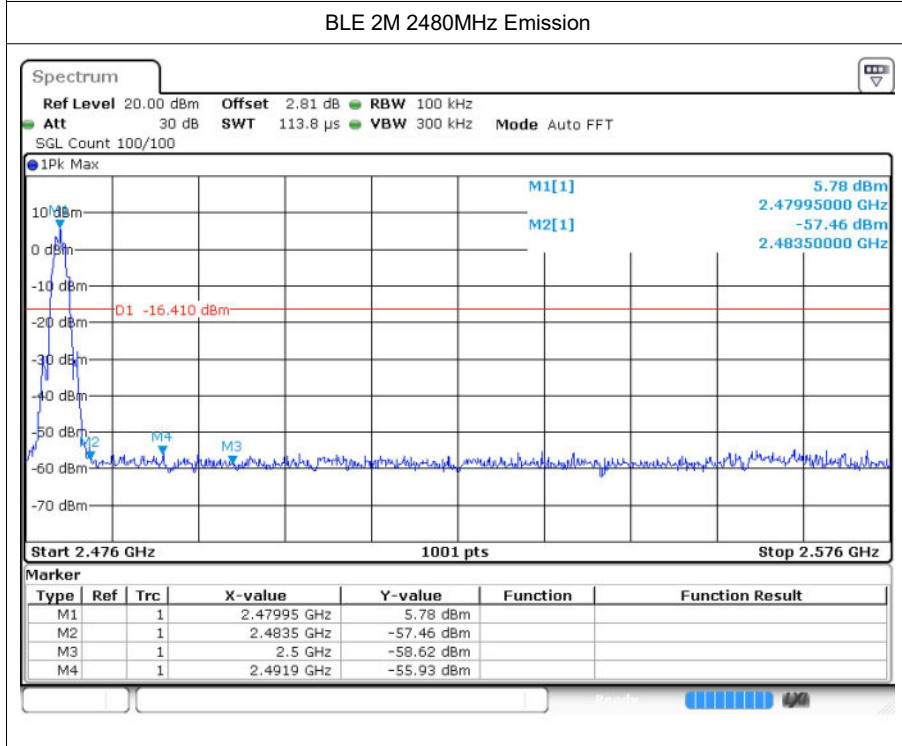
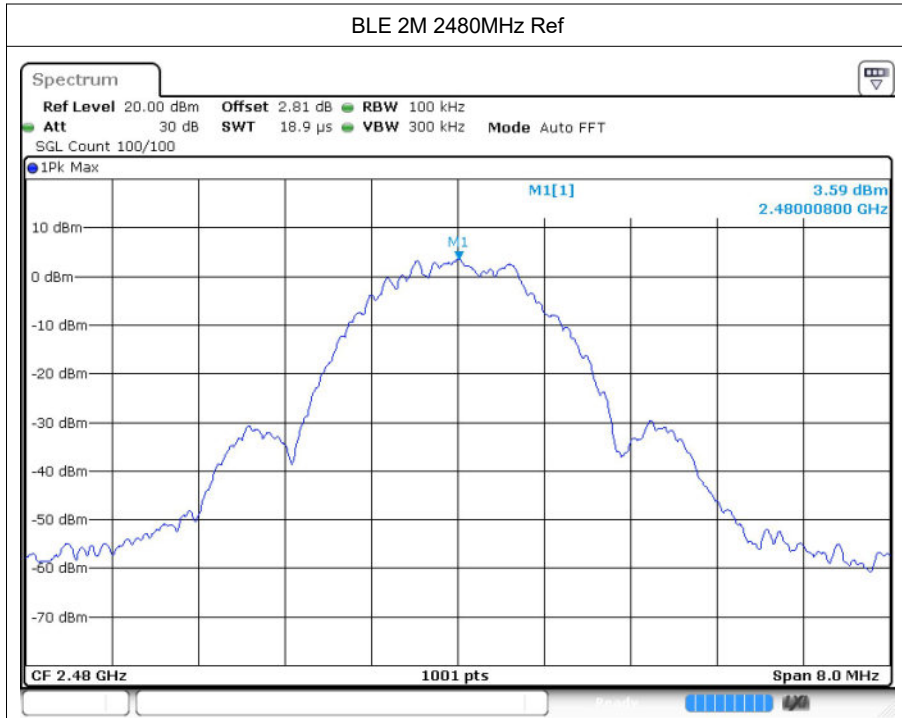
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-61.91	-20	Pass
BLE 1M	2480	-61.12	-20	Pass
BLE 2M	2402	-61.49	-20	Pass
BLE 2M	2480	-59.51	-20	Pass

6.2 Test Graphs







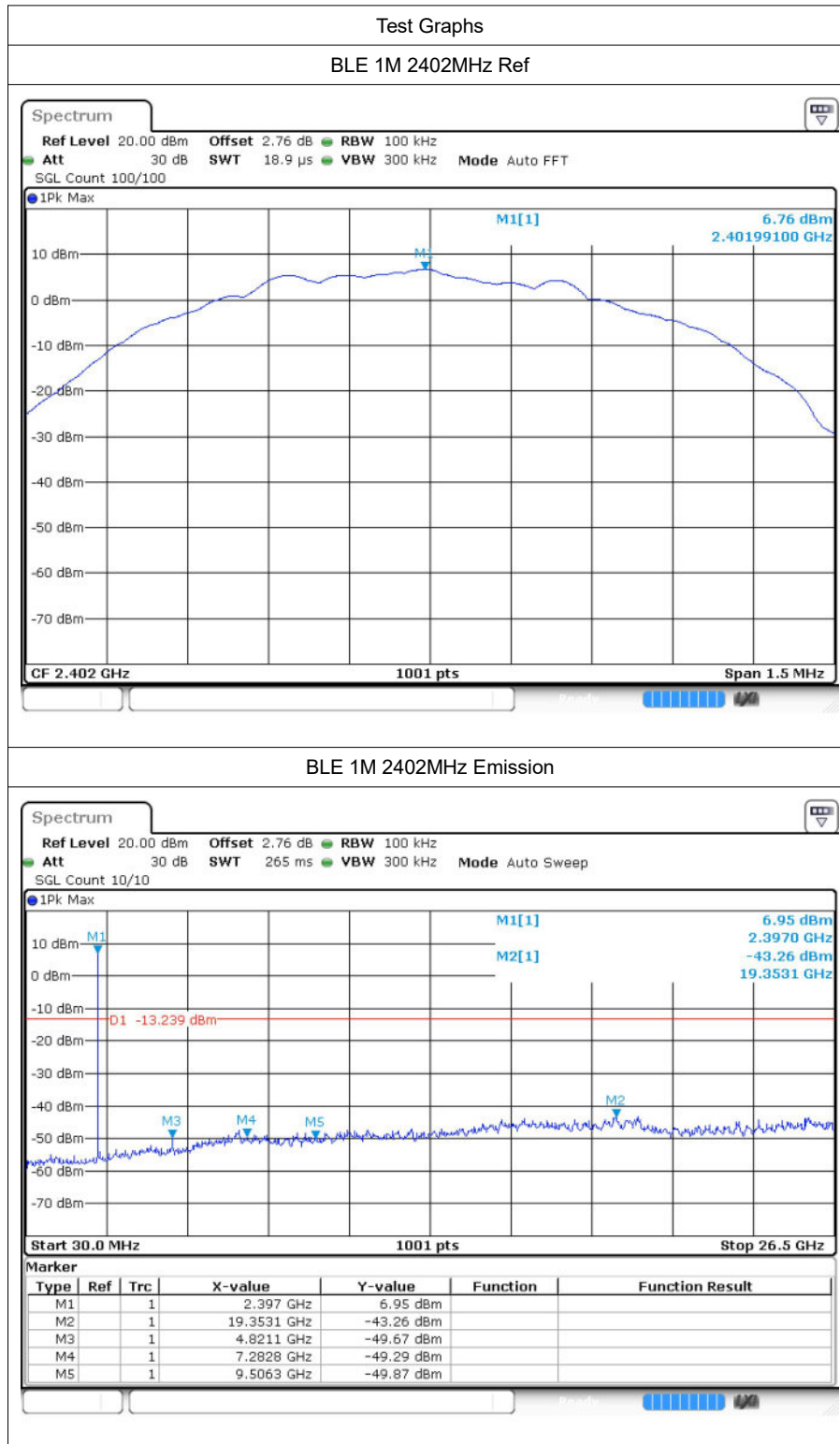


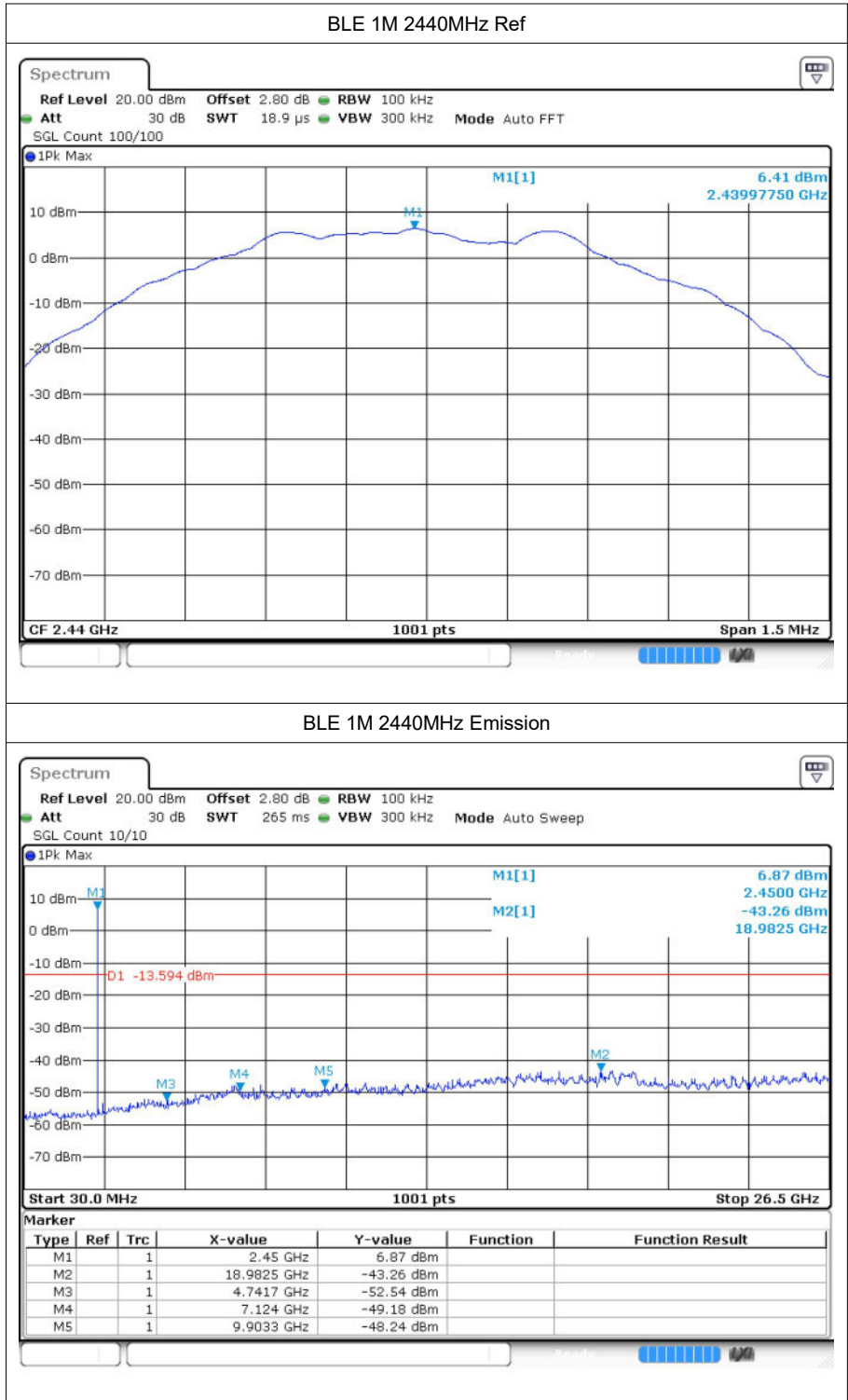
7 Conducted RF Spurious Emission

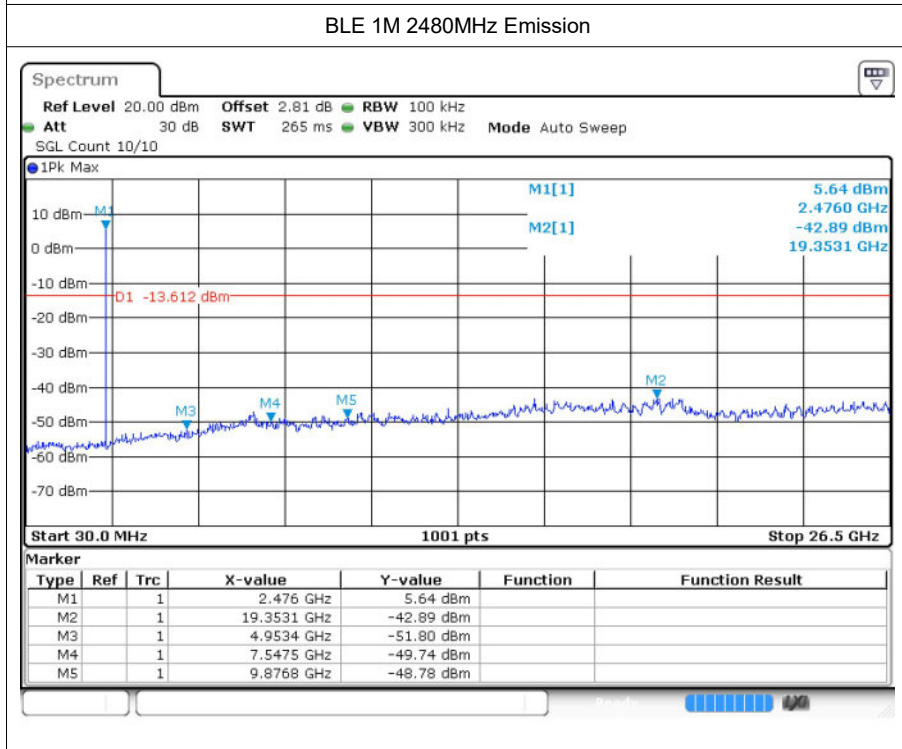
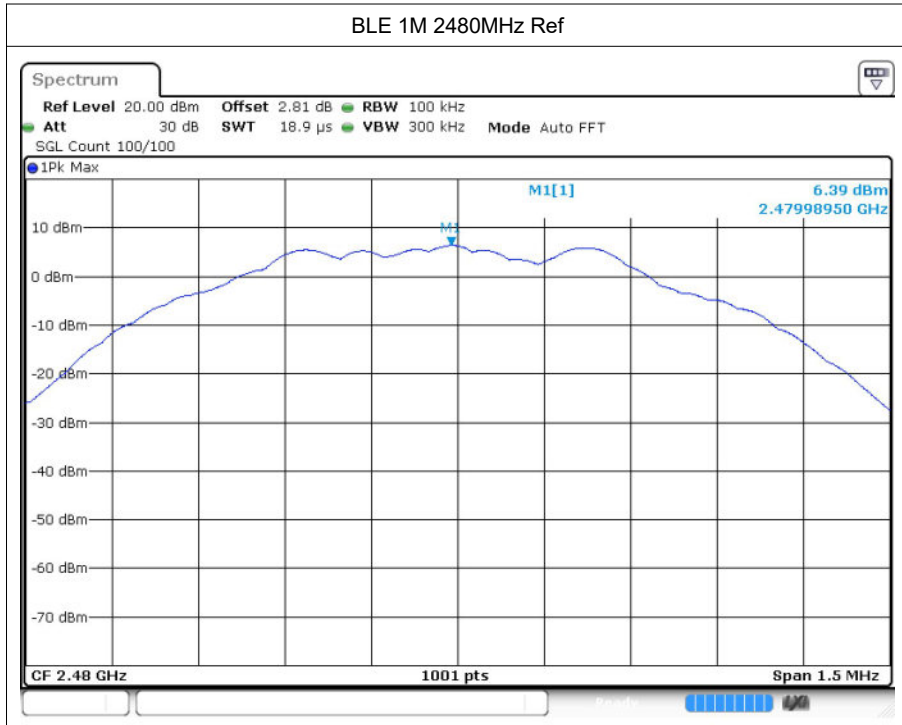
7.1 Test Result

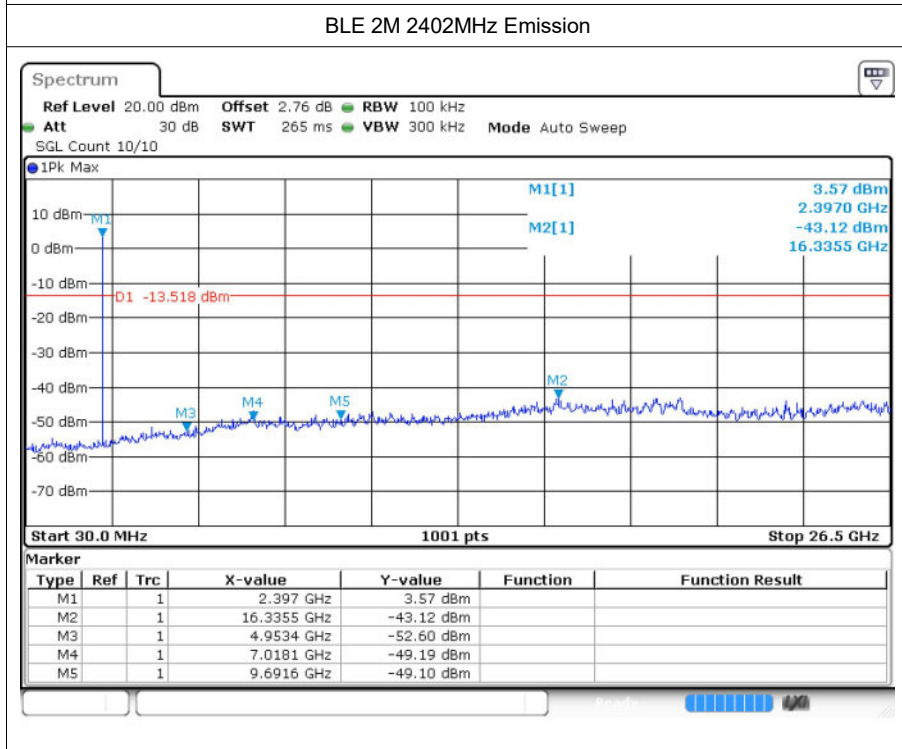
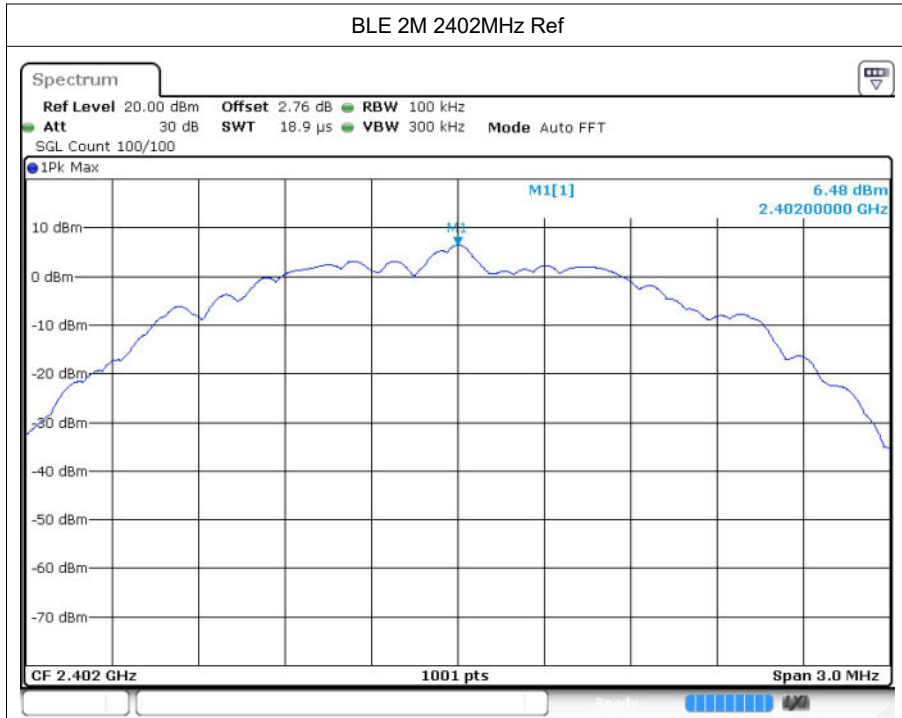
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-50.02	-20	Pass
BLE 1M	2440	-49.66	-20	Pass
BLE 1M	2480	-49.27	-20	Pass
BLE 2M	2402	-49.6	-20	Pass
BLE 2M	2440	-48.08	-20	Pass
BLE 2M	2480	-48.28	-20	Pass

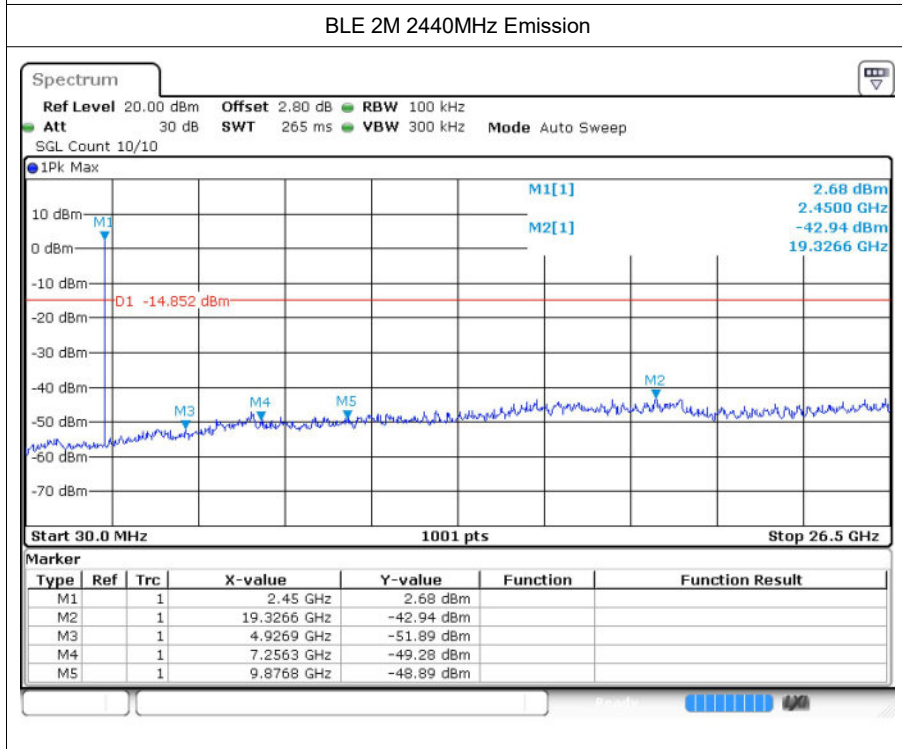
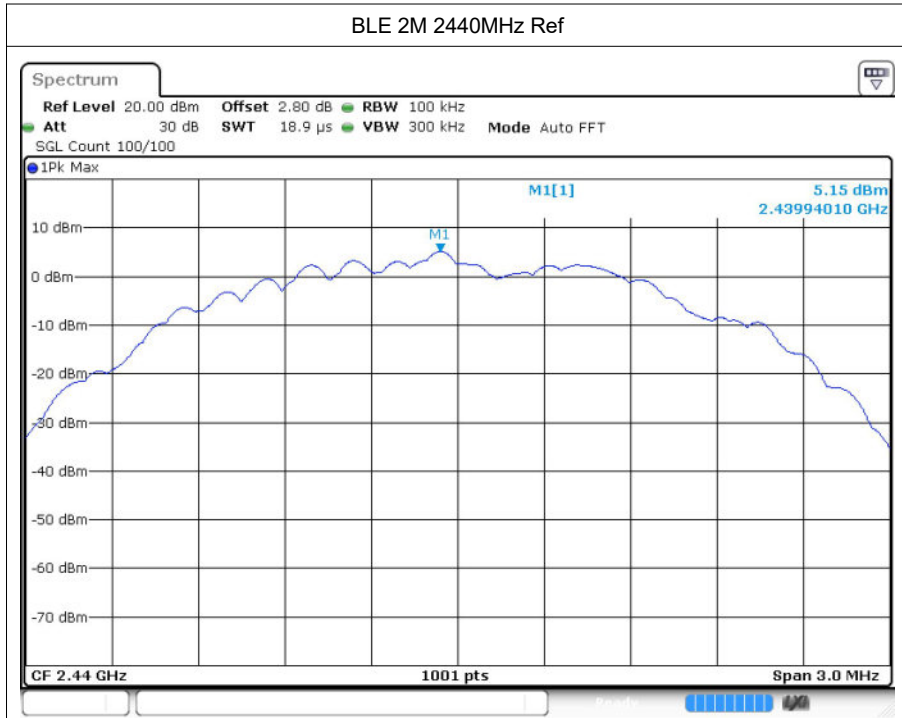
7.2 Test Graphs

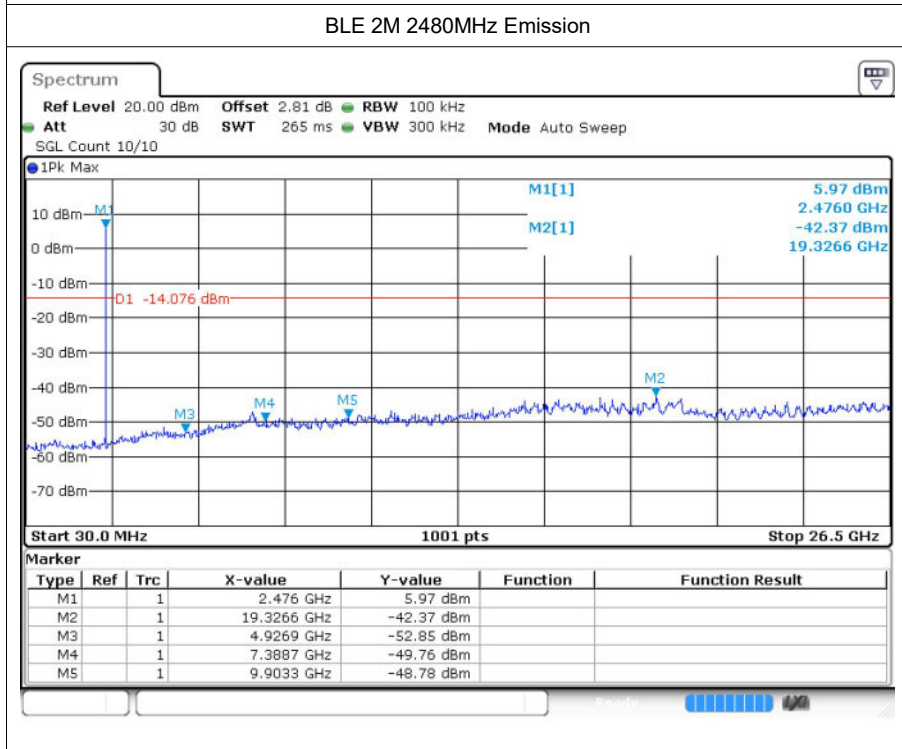
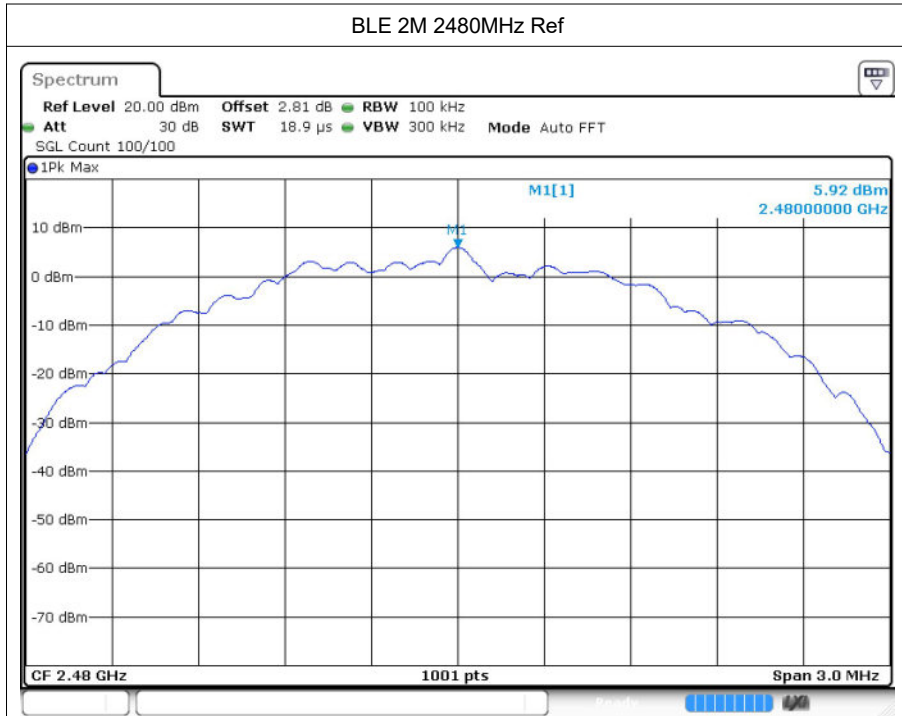












8 Restrict Band

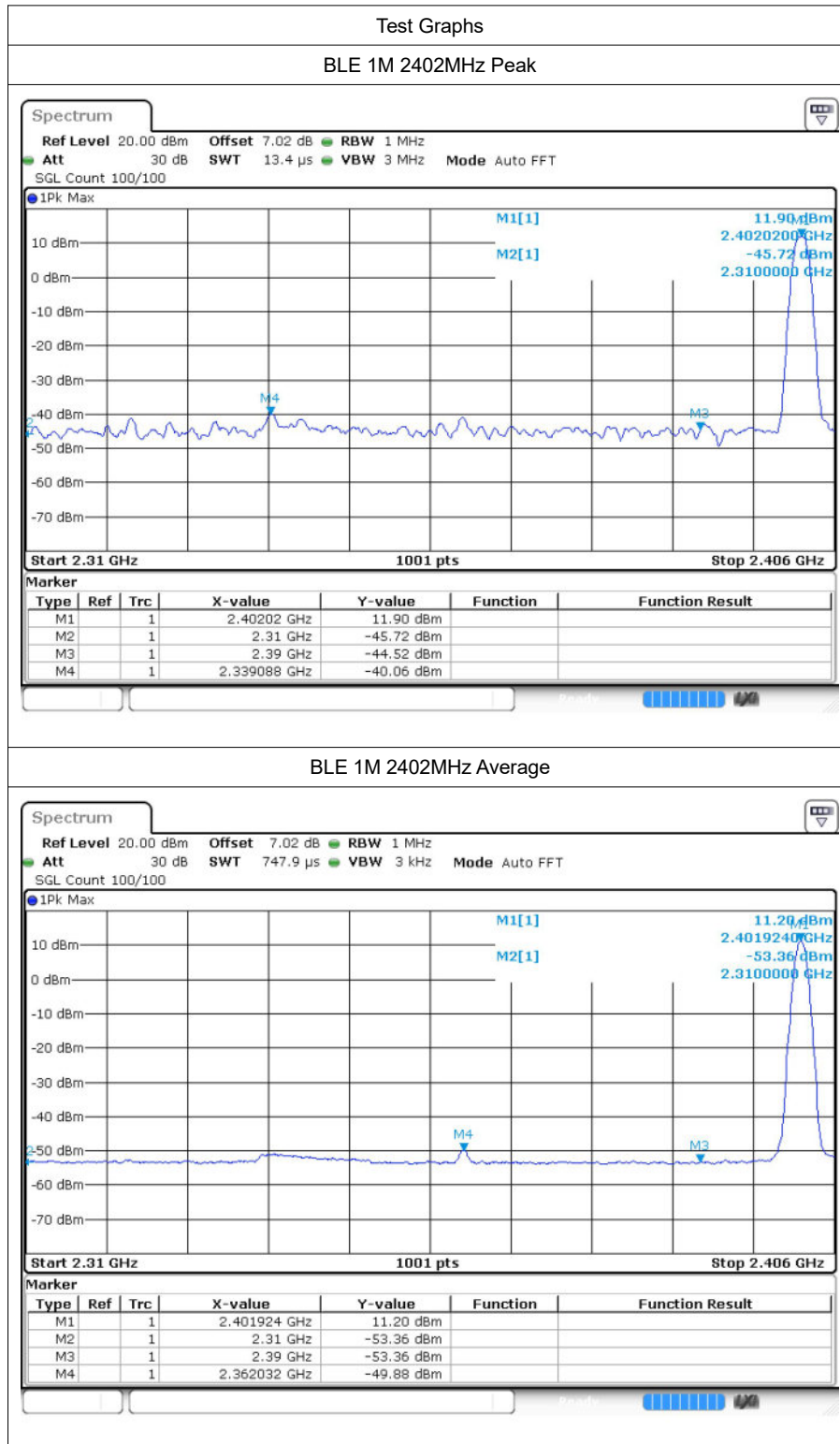
8.1 Test Result

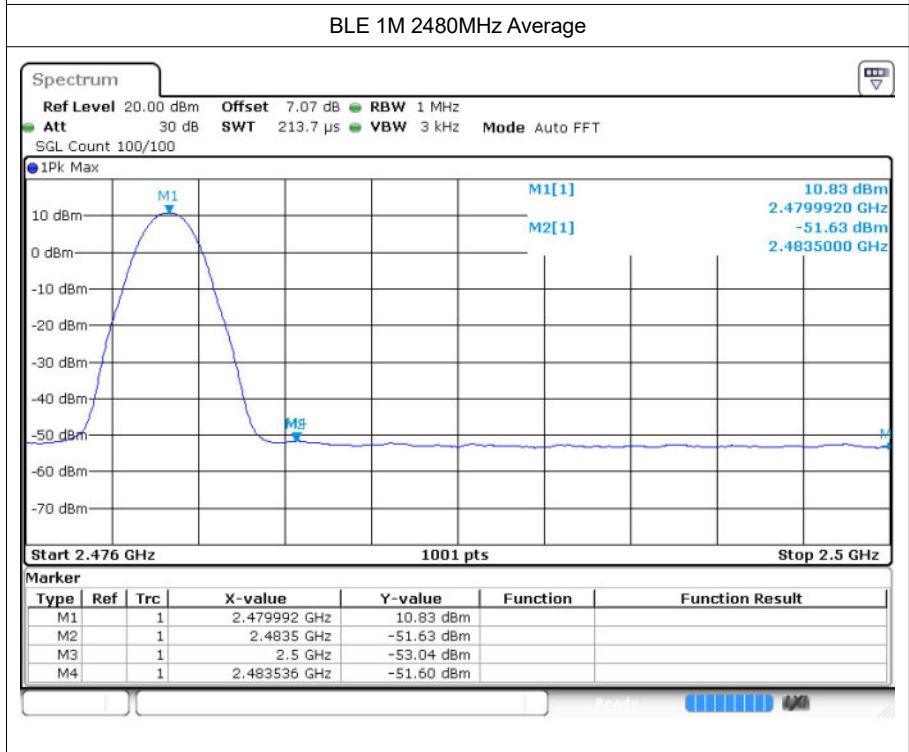
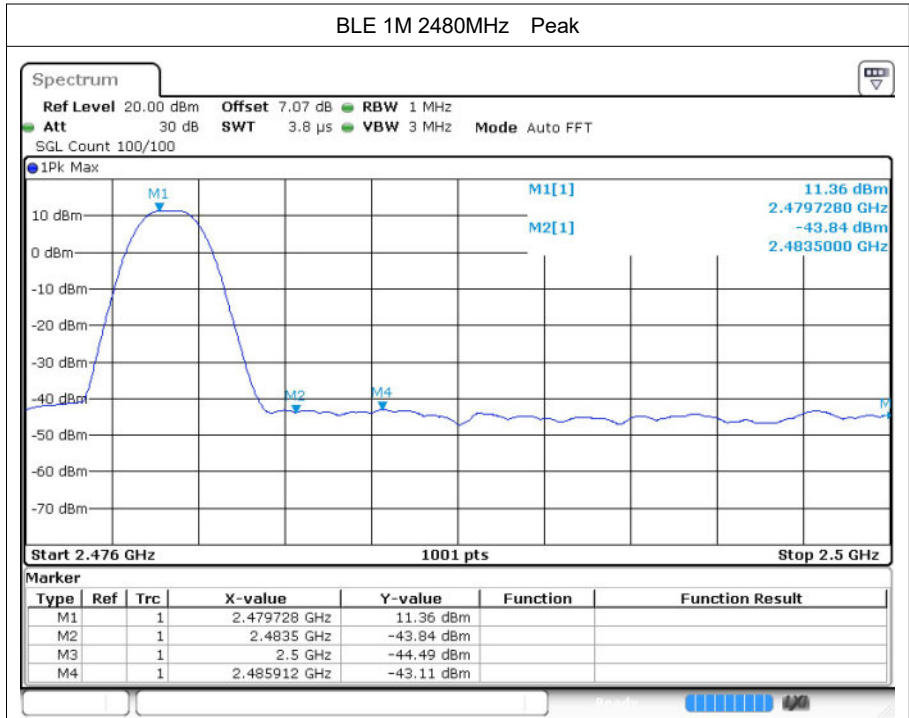
Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
BLE 1M	2402	2310	-45.71	4.26	53.81	Peak	74	Pass
BLE 1M	2402	2310	-53.36	4.26	46.16	Average	54	Pass
BLE 1M	2402	2339.088	-40.06	4.26	59.46	Peak	74	Pass
BLE 1M	2402	2362.032	-49.87	4.26	49.65	Average	54	Pass
BLE 1M	2402	2390	-44.52	4.26	55	Peak	74	Pass
BLE 1M	2402	2390	-53.36	4.26	46.16	Average	54	Pass
BLE 1M	2480	2483.5	-43.82	4.26	55.7	Peak	74	Pass
BLE 1M	2480	2483.5	-51.61	4.26	47.91	Average	54	Pass
BLE 1M	2480	2485.912	-43.1	4.26	56.42	Peak	74	Pass
BLE 1M	2480	2483.536	-51.6	4.26	47.92	Average	54	Pass
BLE 1M	2480	2500	-44.48	4.26	55.04	Peak	74	Pass
BLE 1M	2480	2500	-53.03	4.26	46.49	Average	54	Pass
BLE 2M	2402	2310	-44.26	4.26	55.26	Peak	74	Pass
BLE 2M	2402	2310	-52.99	4.26	46.53	Average	54	Pass
BLE 2M	2402	2343.216	-40.63	4.26	58.89	Peak	74	Pass
BLE 2M	2402	2339.76	-50.15	4.26	49.37	Average	54	Pass
BLE 2M	2402	2390	-44.78	4.26	54.74	Peak	74	Pass
BLE 2M	2402	2390	-53.29	4.26	46.23	Average	54	Pass

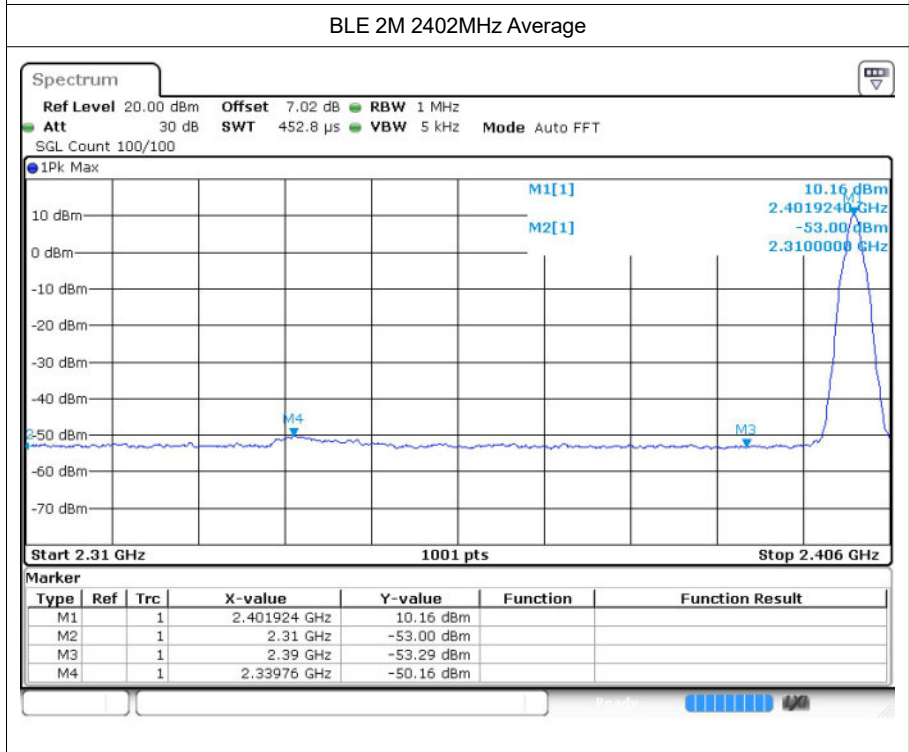
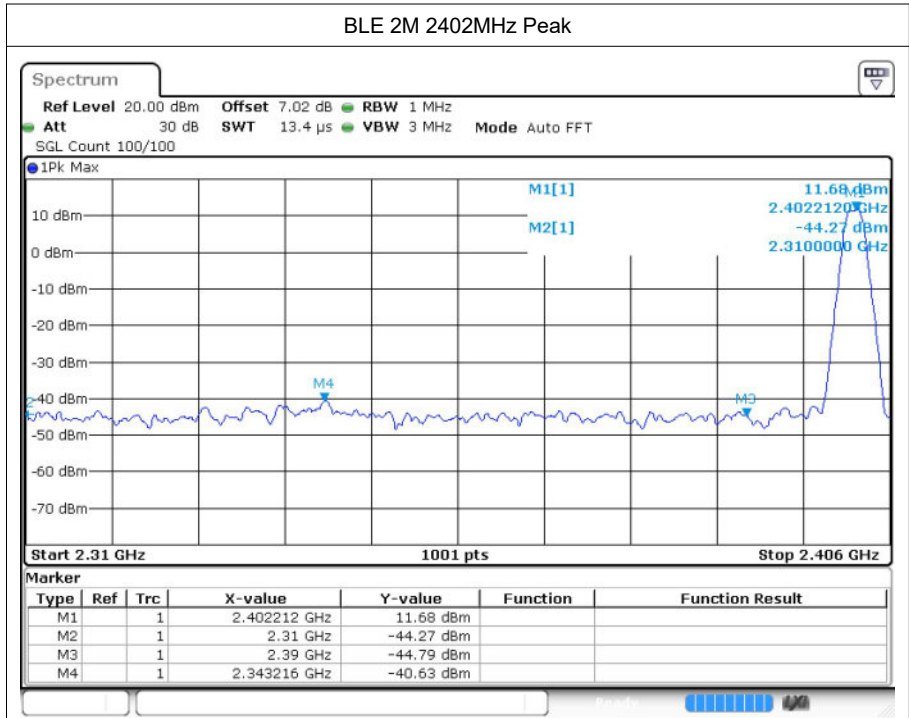


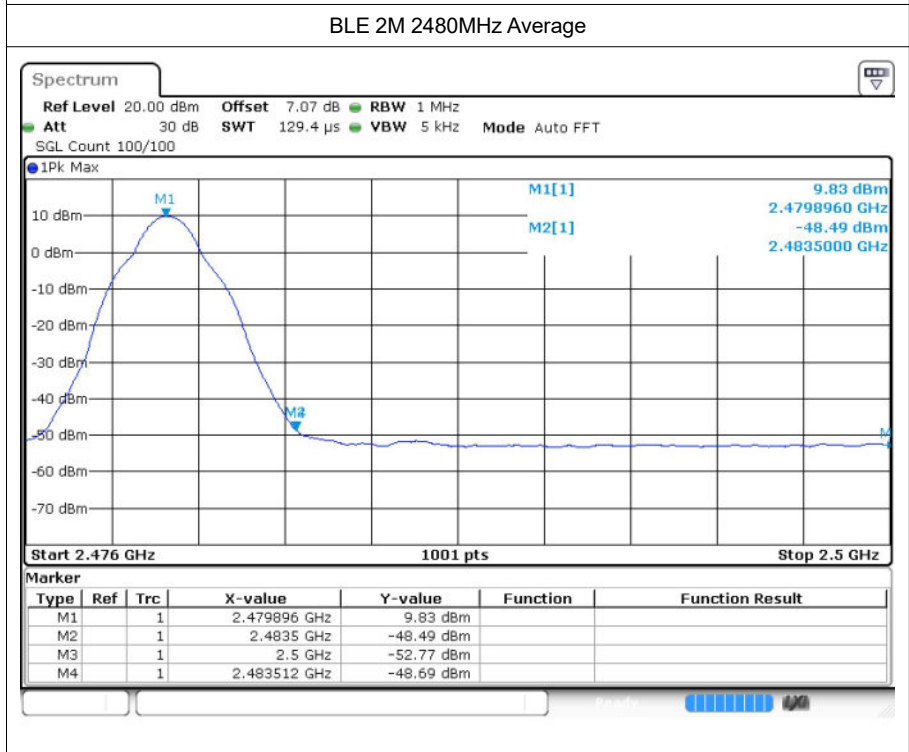
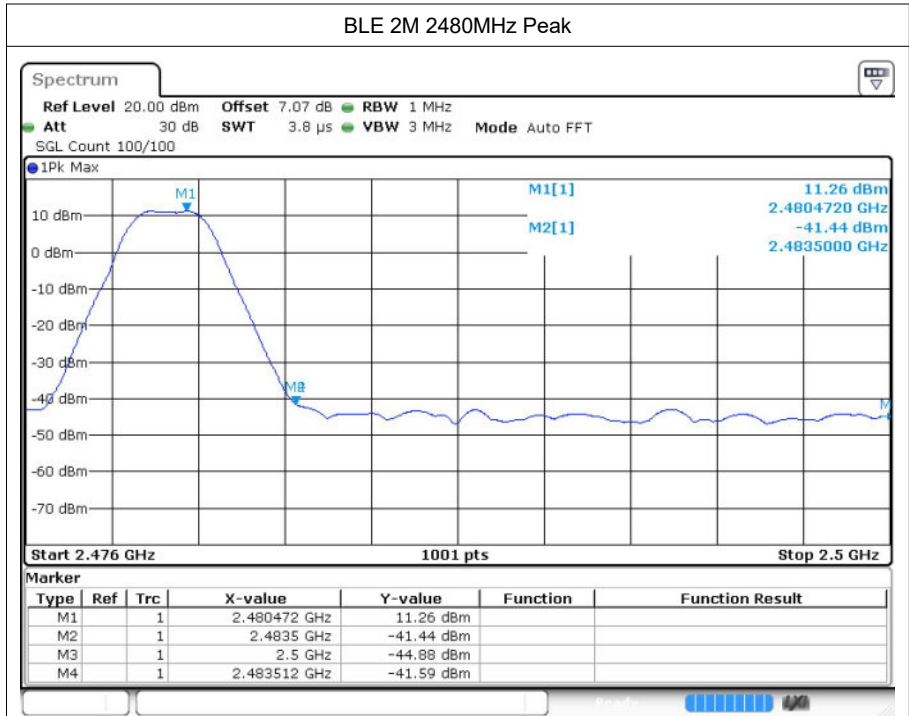
2M								
BLE 2M	2480	2483.5	-41.58	4.26	57.94	Peak	74	Pass
BLE 2M	2480	2483.5	-48.68	4.26	50.84	Average	54	Pass
BLE 2M	2480	2483.512	-41.58	4.26	57.94	Peak	74	Pass
BLE 2M	2480	2483.512	-48.68	4.26	50.84	Average	54	Pass
BLE 2M	2480	2500	-44.88	4.26	54.64	Peak	74	Pass
BLE 2M	2480	2500	-52.76	4.26	46.76	Average	54	Pass

8.2 Test Graphs









---The End---