



Appendix RF test data for BLE

Product Name: 15.6 PC Tablet

Trade Mark: N/A

Test Model: F15

Environmental Conditions

Temperature:	25.2° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Emiya lin
Supervised by:	Simba Haung



Contents

Page

COVER PAGE

1	Duty Cycle	3
1.1	Test Result	3
1.2	Test Graphs	4
2	Maximum Conducted Output Power	6
2.1	Test Result	6
2.2	Test Graphs	7
3	-6dB Bandwidth	9
3.1	Test Result	9
3.2	Test Graphs	10
4	Maximum Power Spectral Density Level	12
4.1	Test Result	12
4.2	Test Graphs	13
5	Band Edge	15
5.1	Test Result	15
5.2	Test Graphs	16
6	Conducted RF Spurious Emission	18
6.1	Test Result	18
6.2	Test Graphs	19

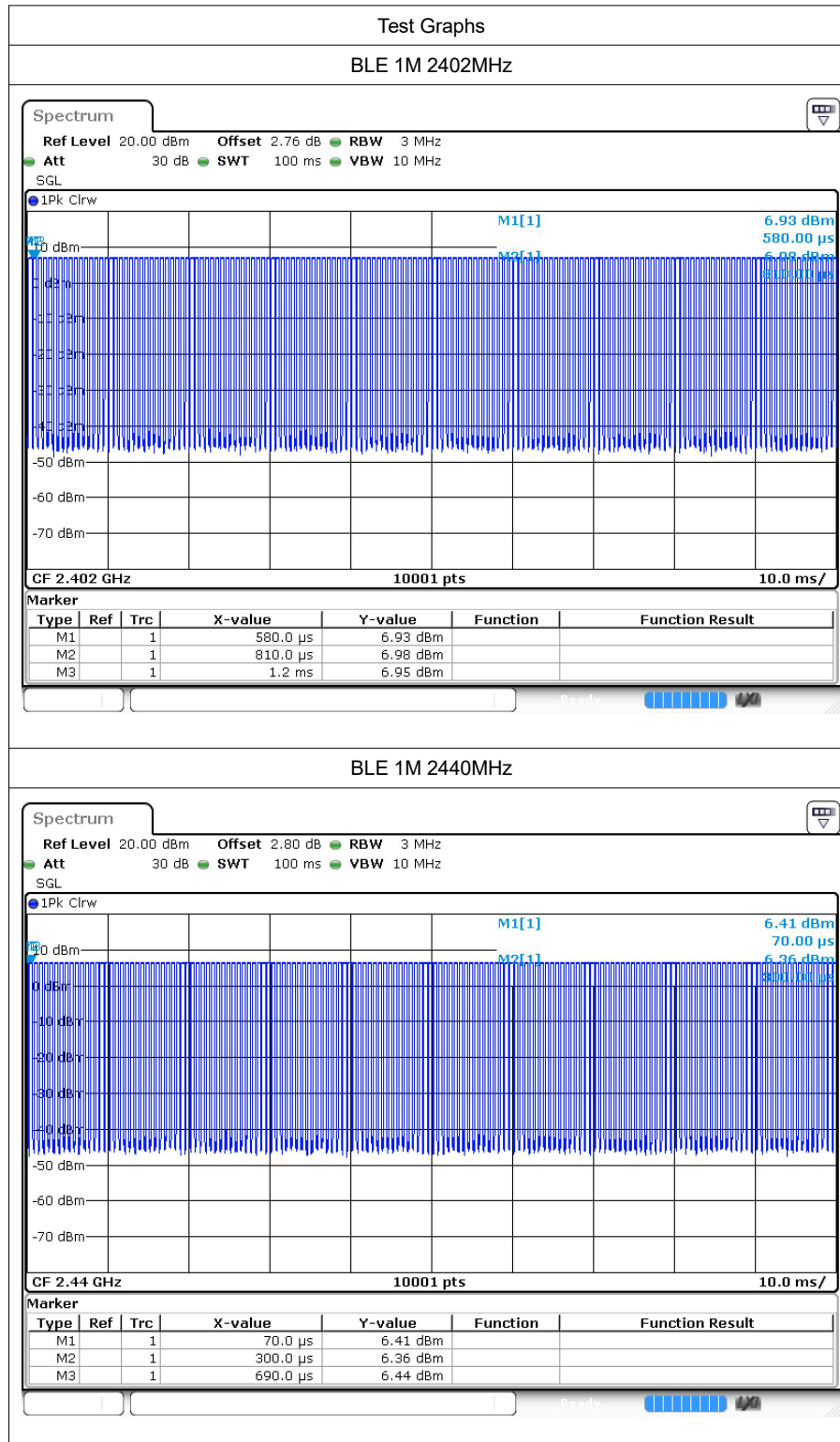


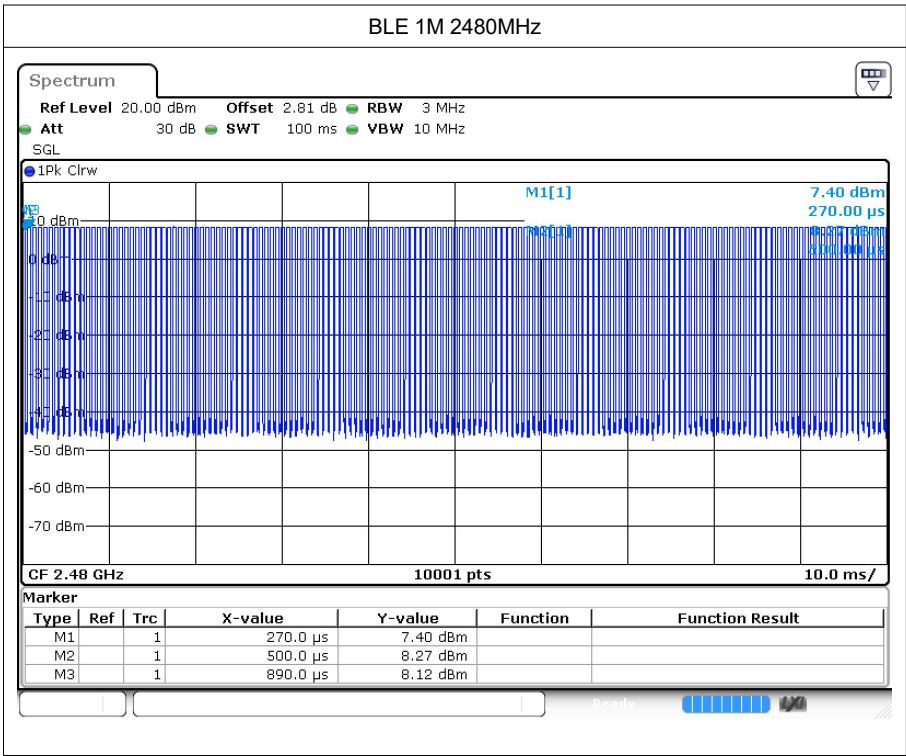
1 Duty Cycle

1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor	1/T (kHz)
BLE 1M	2402	64.79	1.88	2.56
BLE 1M	2440	64.8	1.88	2.56
BLE 1M	2480	64.8	1.88	2.56

1.2 Test Graphs





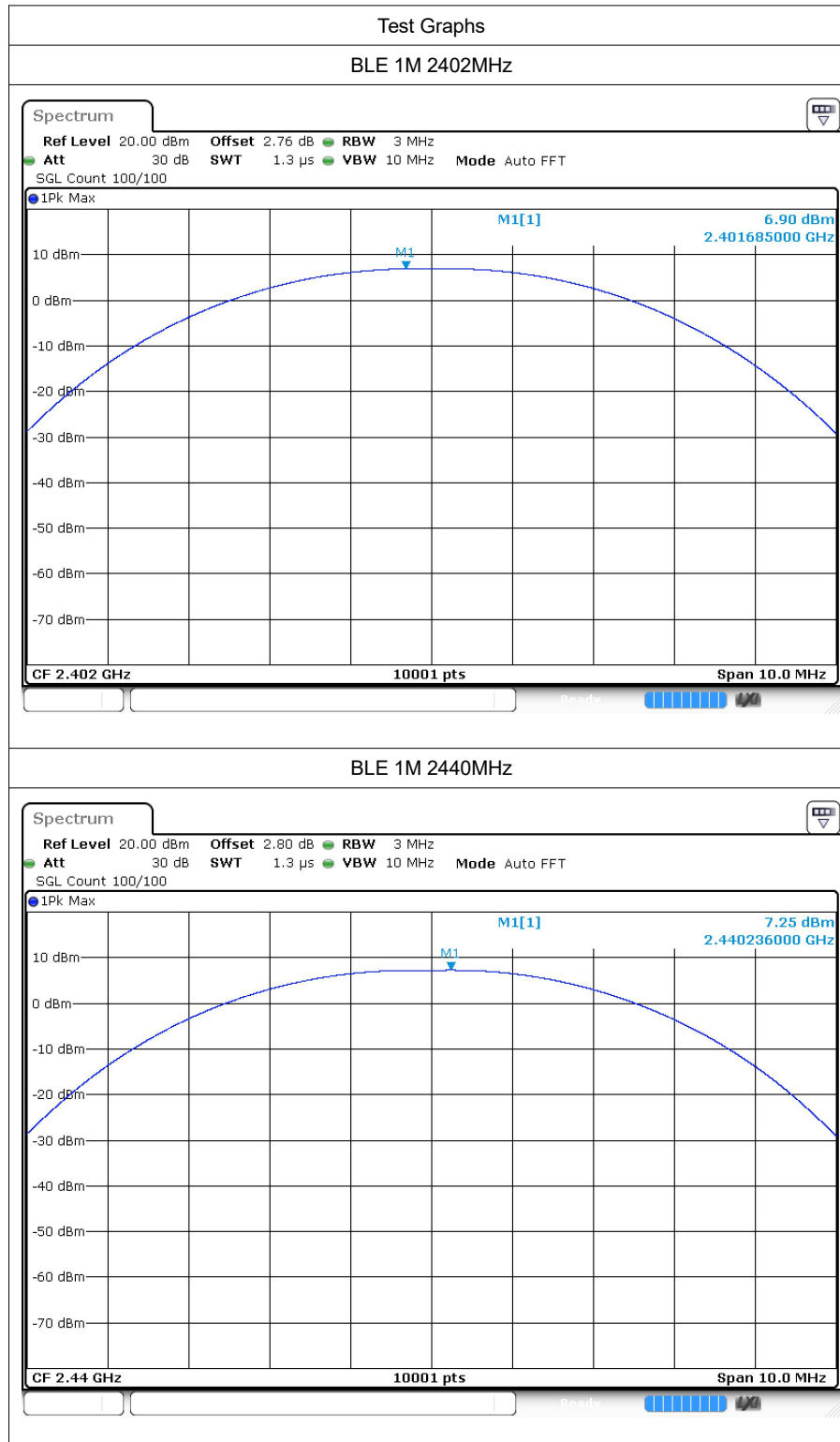


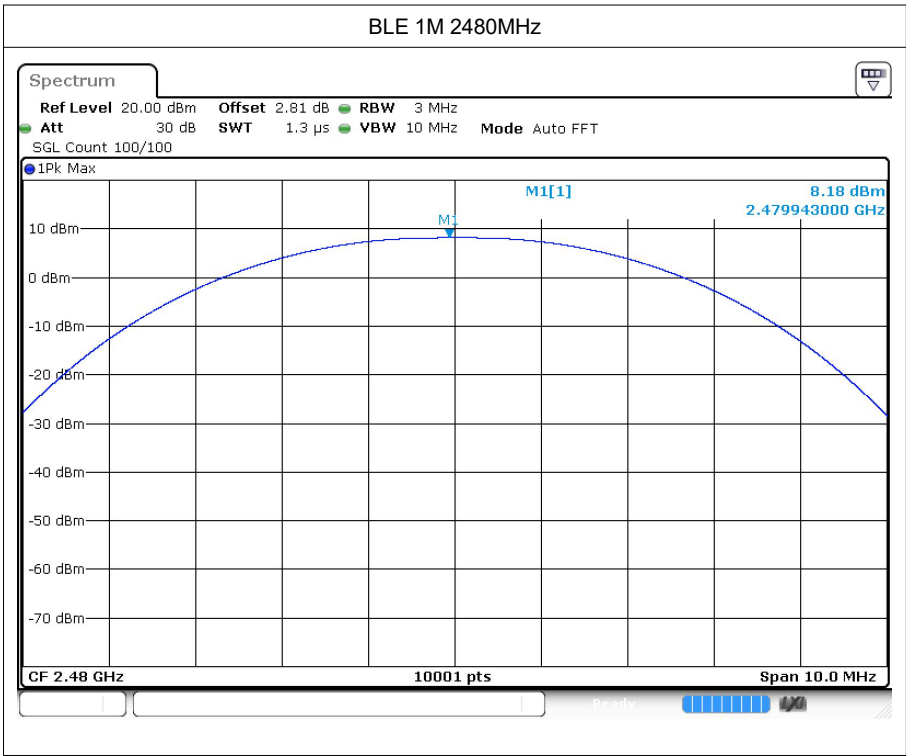
2 Maximum Conducted Output Power

2.1 Test Result

Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	6.9	30	Pass
BLE 1M	2440	7.25	30	Pass
BLE 1M	2480	8.18	30	Pass

2.2 Test Graphs





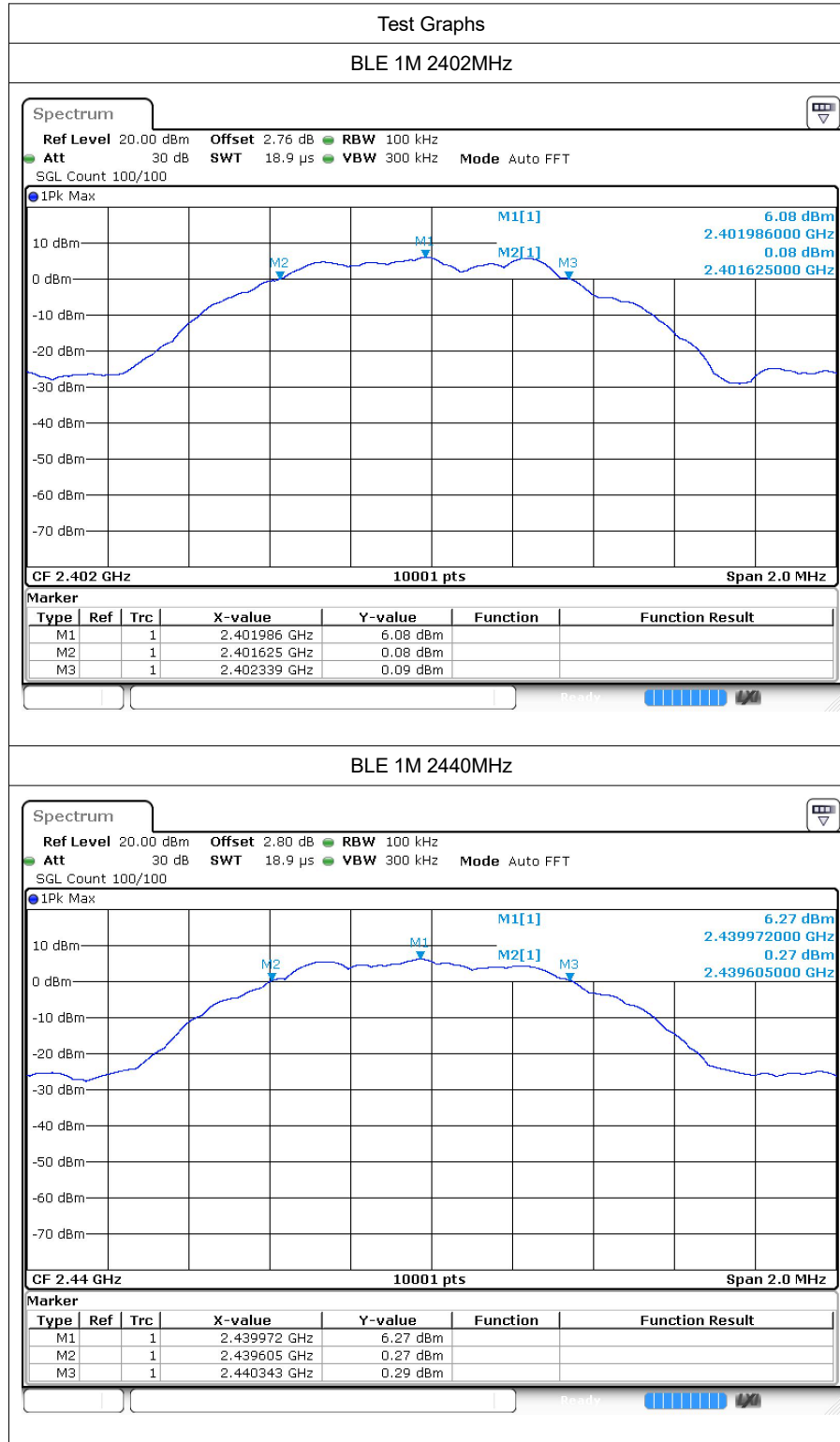


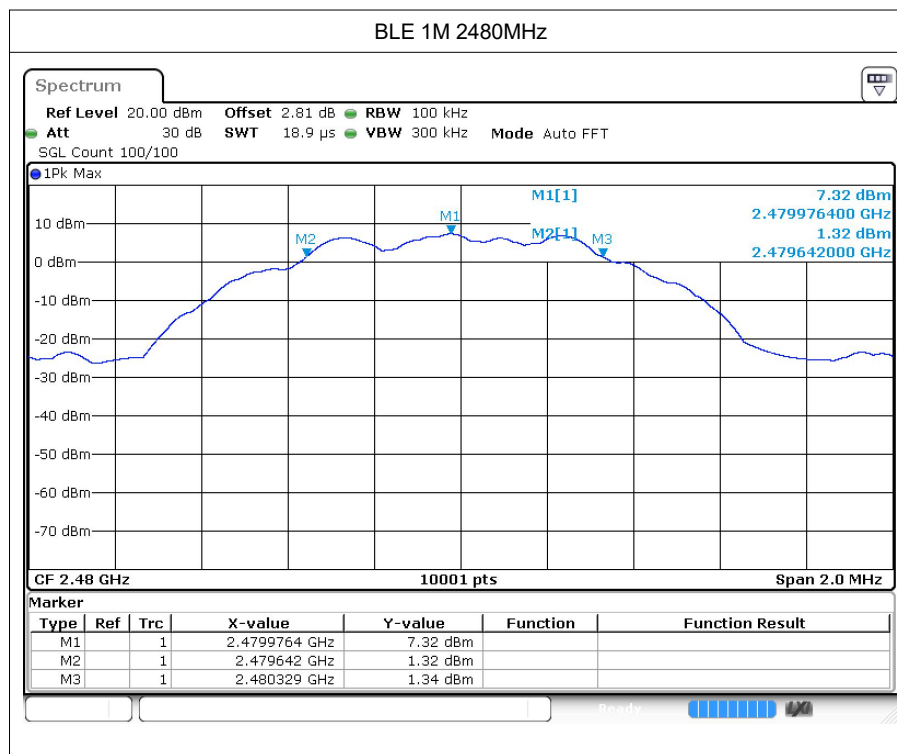
3 -6dB Bandwidth

3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.714	0.5	Pass
BLE 1M	2440	0.739	0.5	Pass
BLE 1M	2480	0.687	0.5	Pass

3.2 Test Graphs



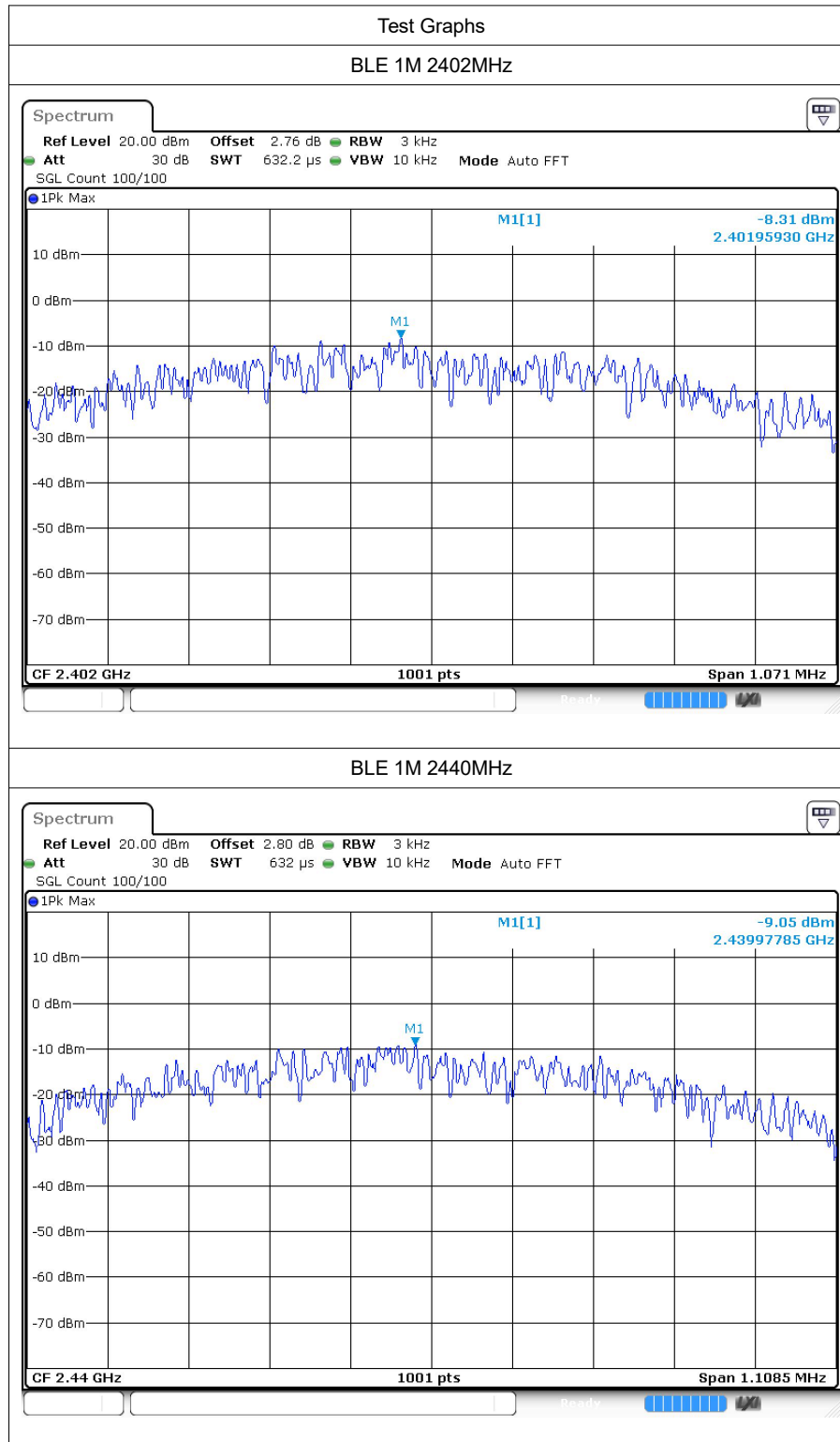


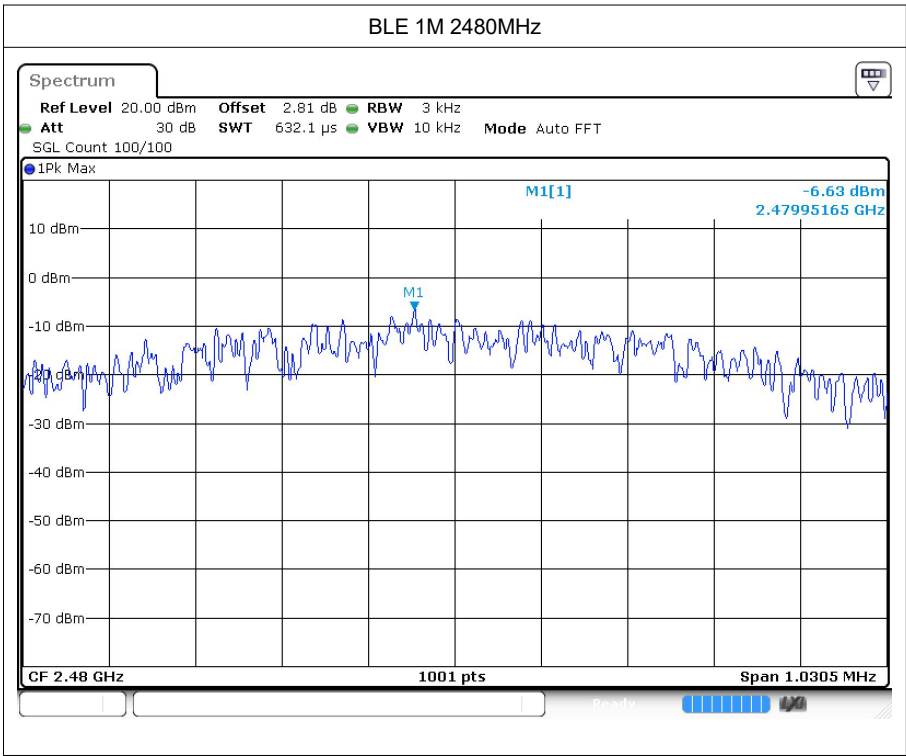
4 Maximum Power Spectral Density Level

4.1 Test Result

Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-8.31	≤ 8	Pass
BLE 1M	2440	-9.05	≤ 8	Pass
BLE 1M	2480	-6.63	≤ 8	Pass

4.2 Test Graphs





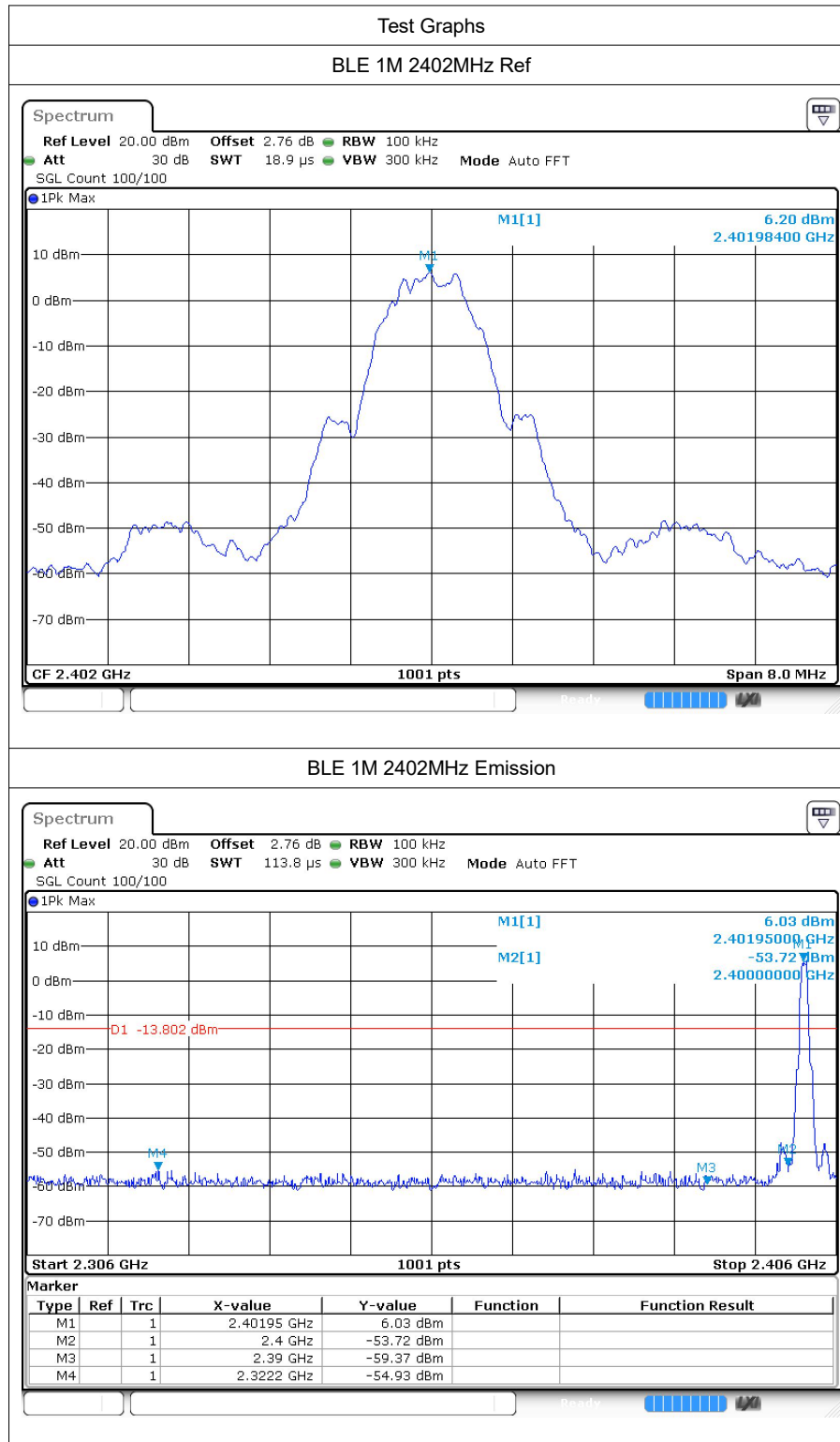


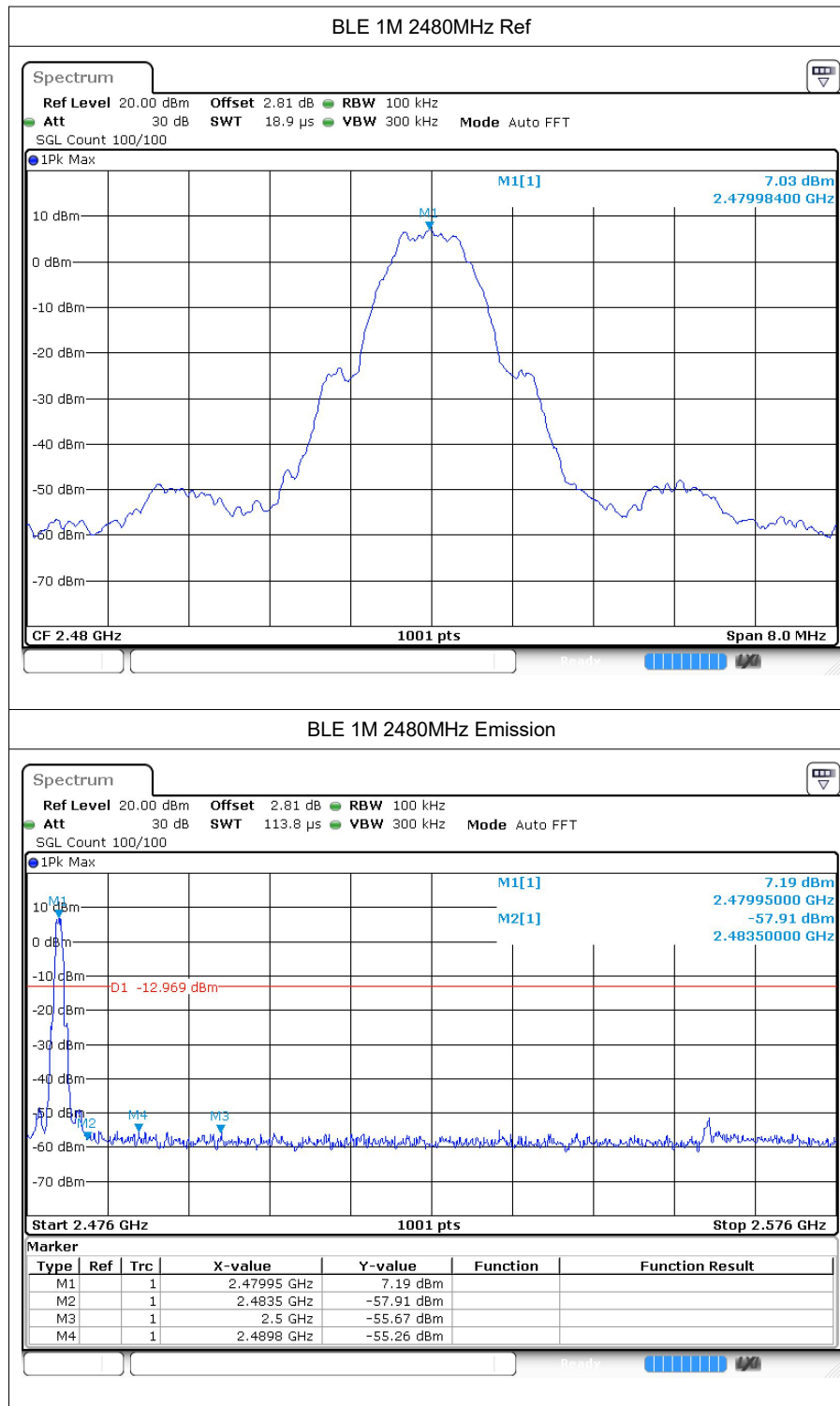
5 Band Edge

5.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-61.13	-20	Pass
BLE 1M	2480	-62.29	-20	Pass

5.2 Test Graphs



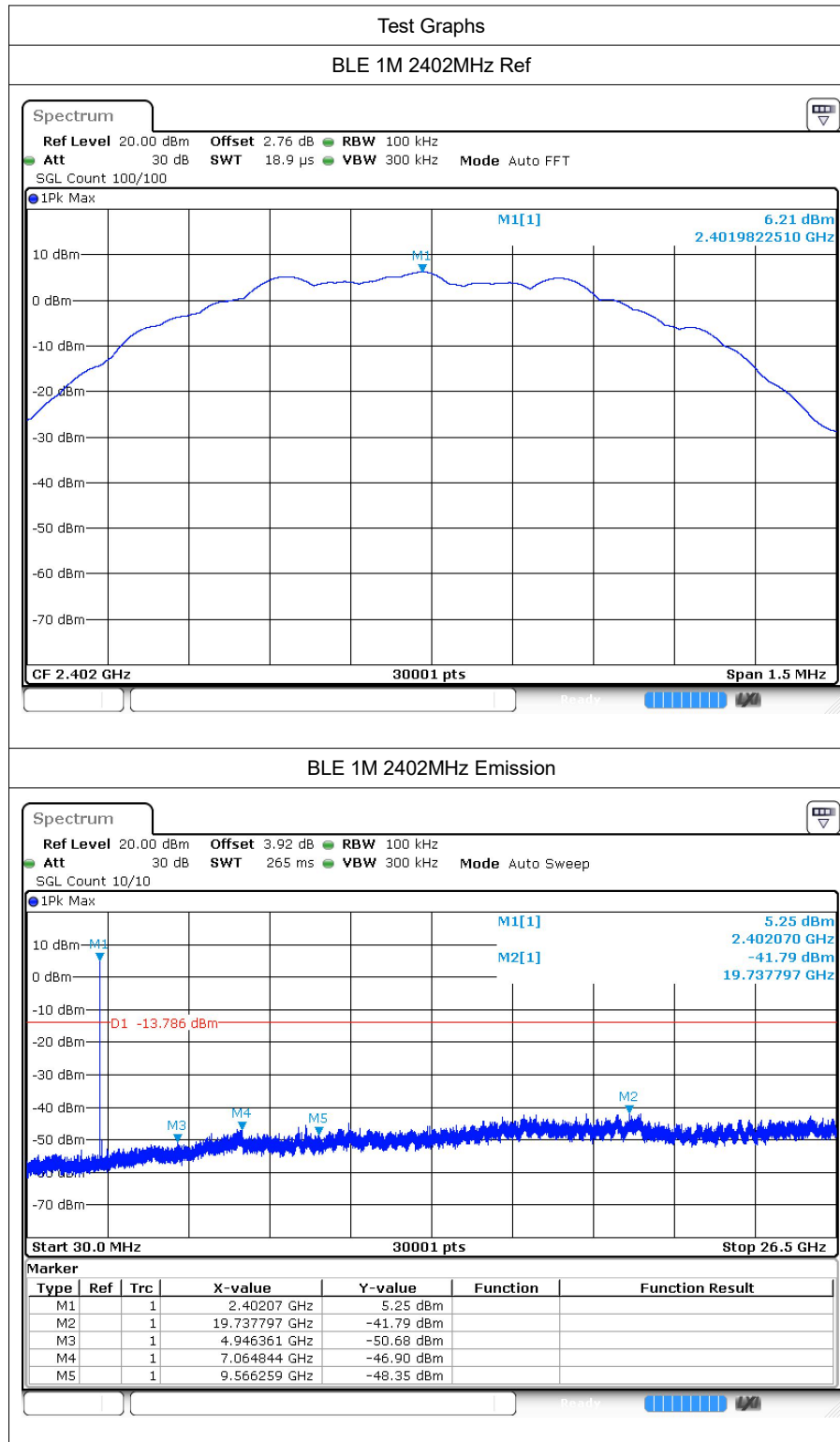


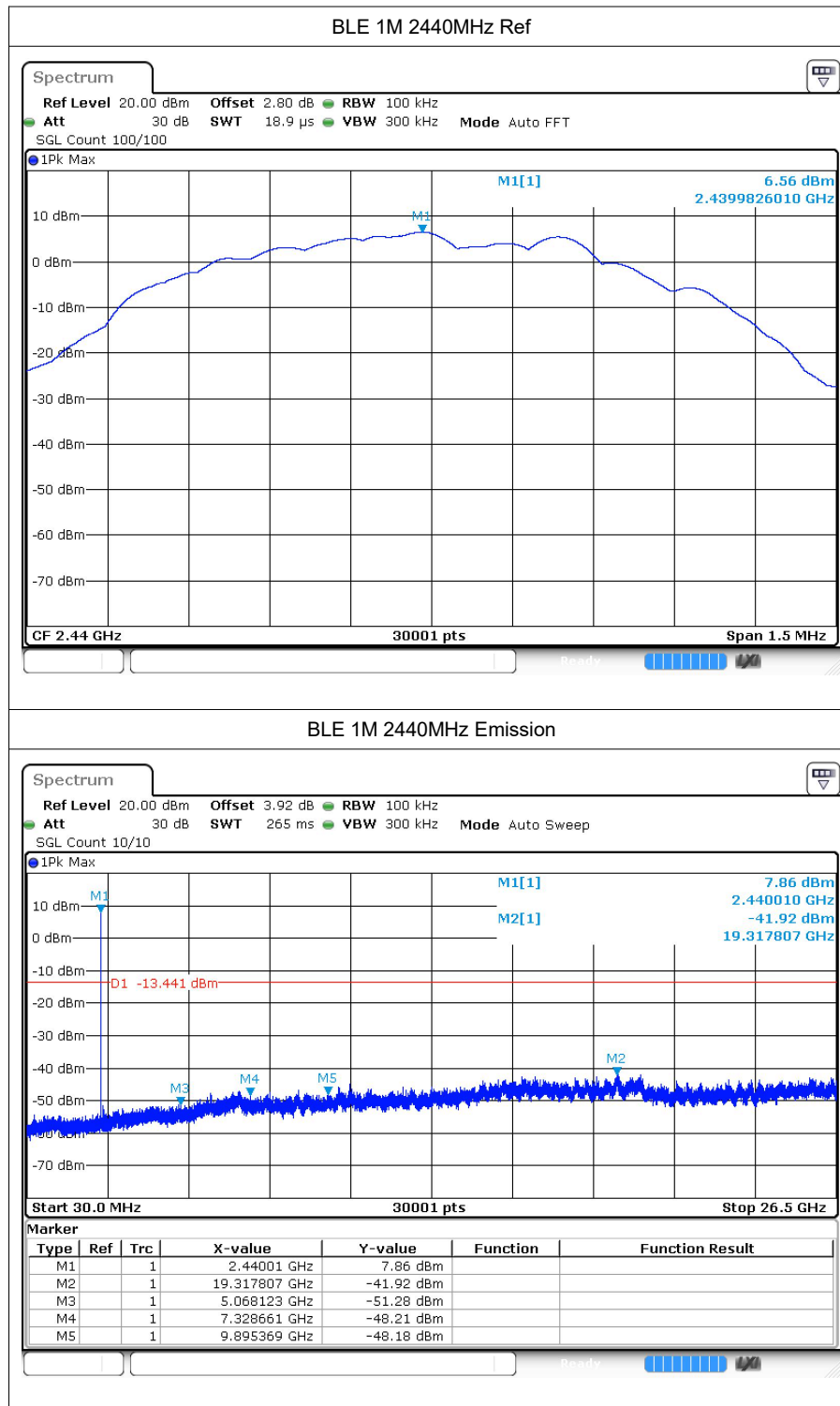
6 Conducted RF Spurious Emission

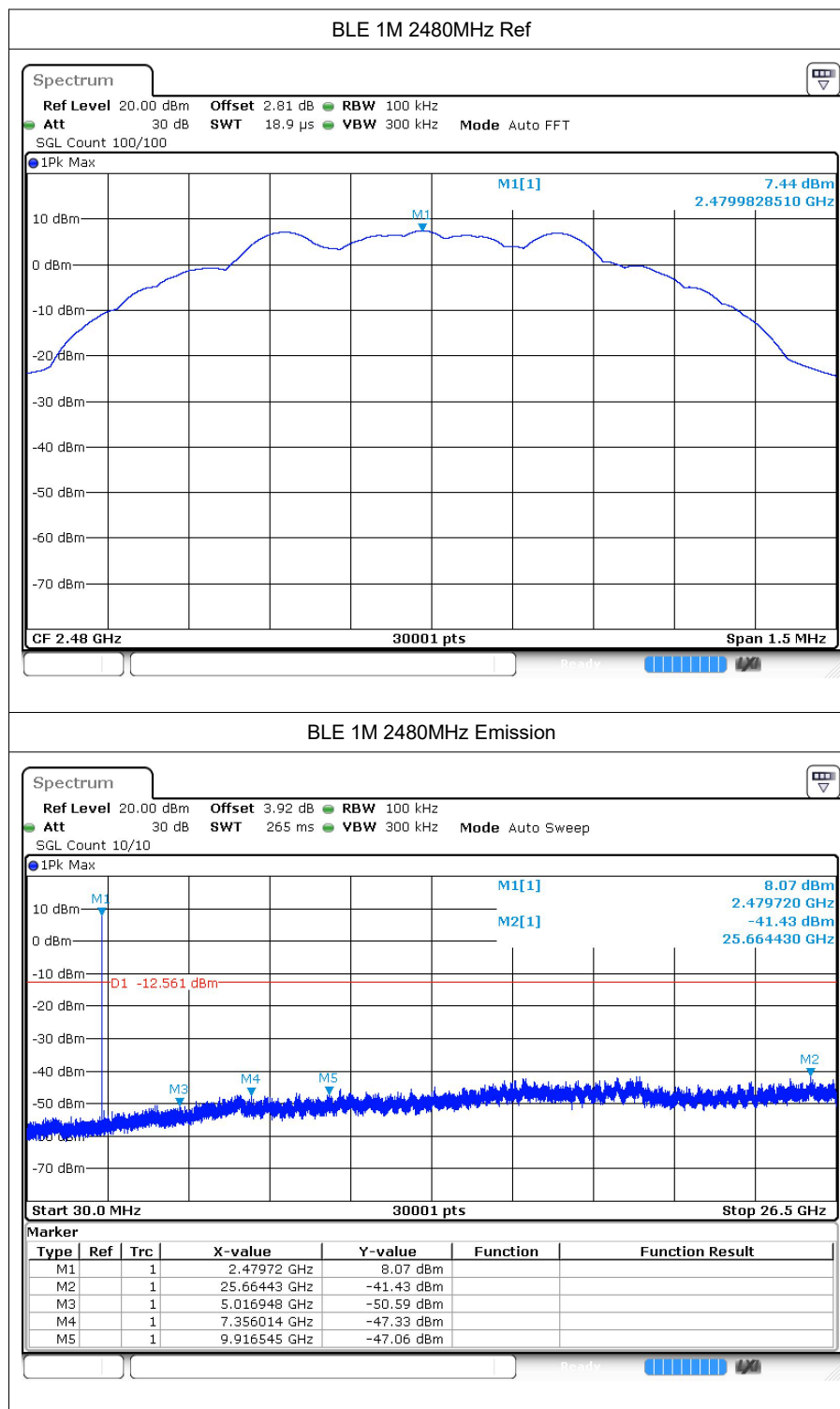
6.1 Test Result

Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-47.99	-20	Pass
BLE 1M	2440	-48.47	-20	Pass
BLE 1M	2480	-48.87	-20	Pass

6.2 Test Graphs







---The End---