



## Appendix B

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

Product Name: Mini PC

Trade Mark: Blackview

Test Model: MP200

#### Environmental Conditions

Temperature:	25.8° C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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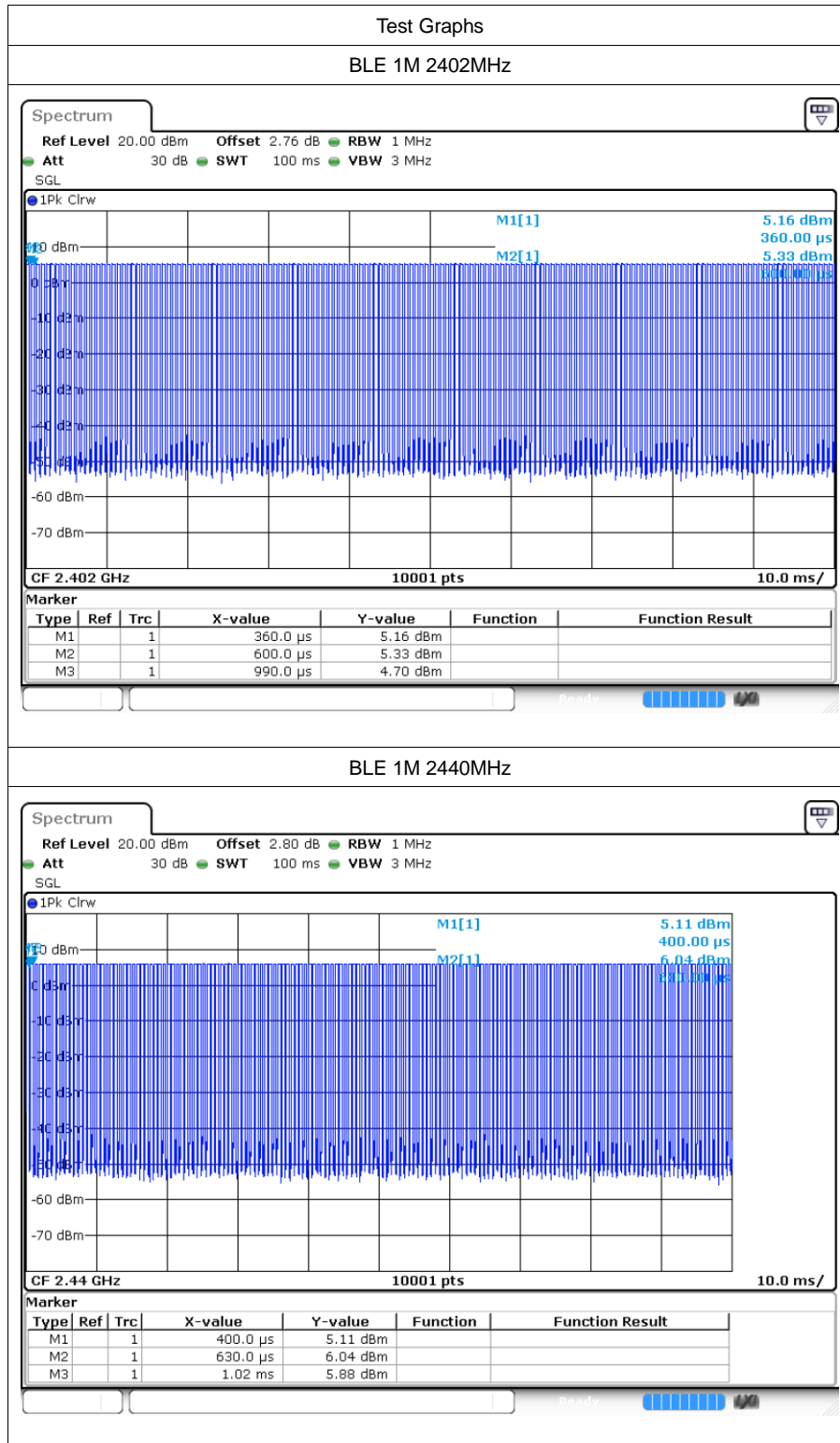


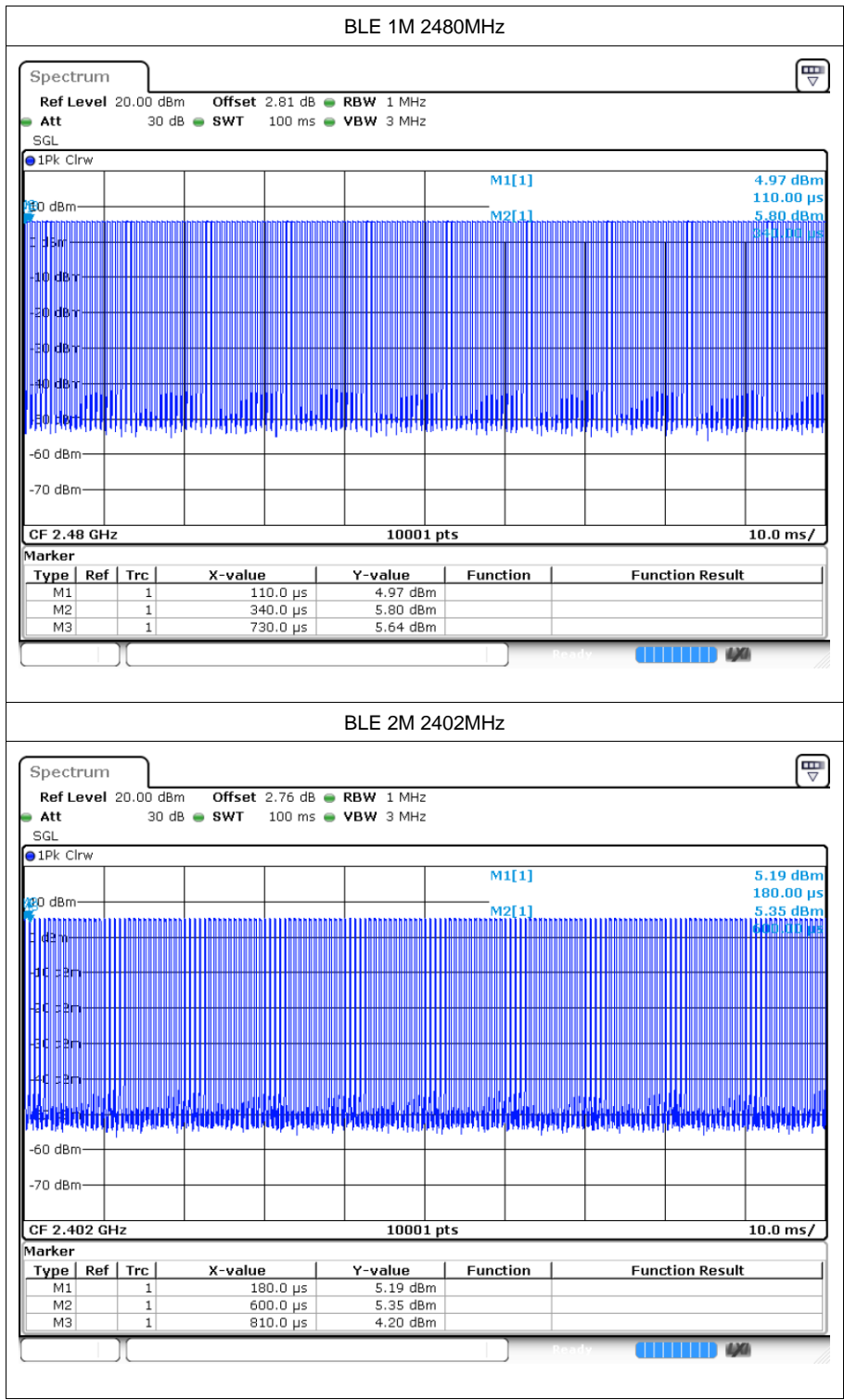
# 1 Duty Cycle

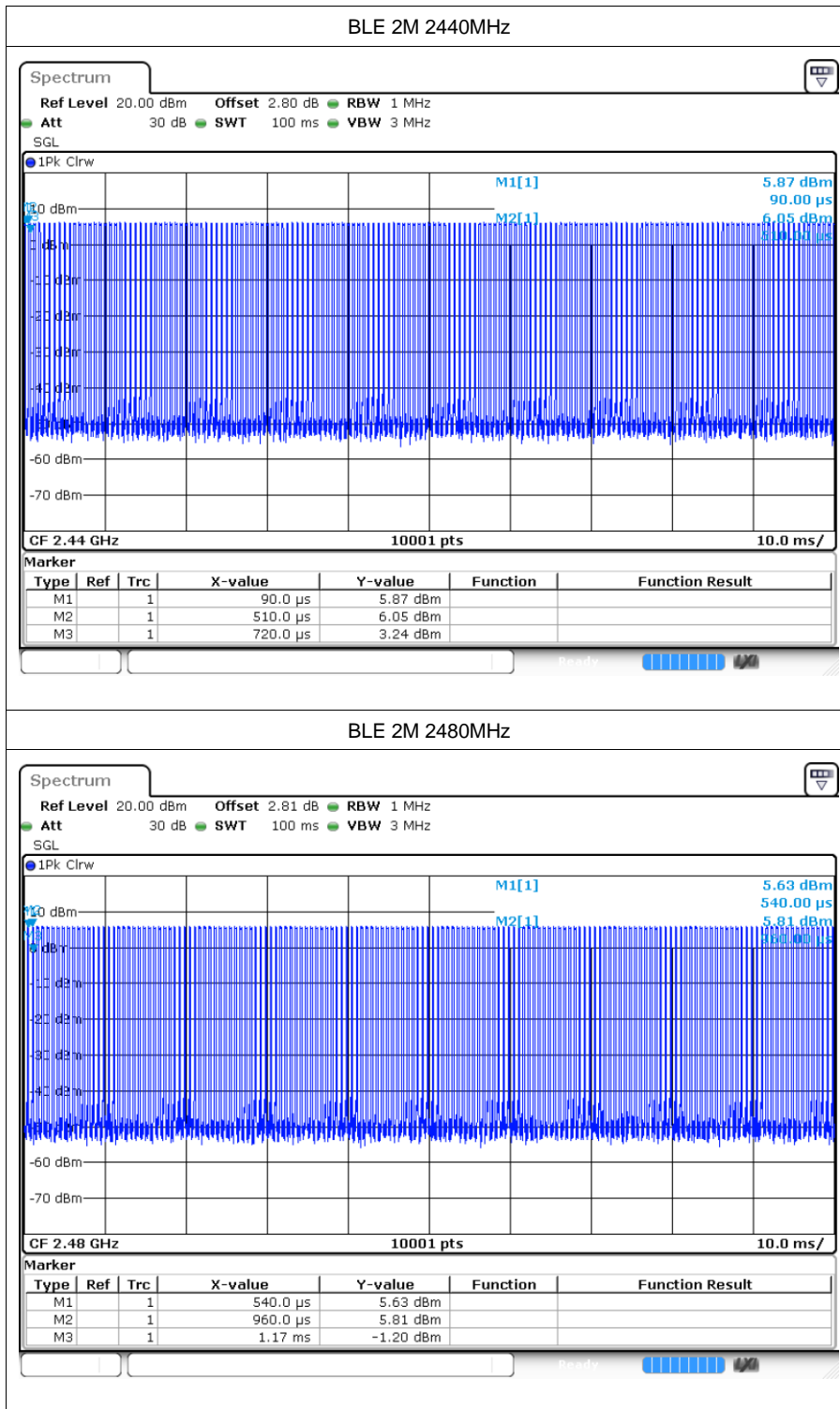
## 1.1 Test Result

Mode	Frequency (MHz)	Duty Cycle (%)	1/T (kHz)
BLE 1M	2402	64	2.56
BLE 1M	2440	63.99	2.56
BLE 1M	2480	64	2.56
BLE 2M	2402	35.21	4.76
BLE 2M	2440	35.21	4.76
BLE 2M	2480	35.2	4.76

## 1.2 Test Graphs







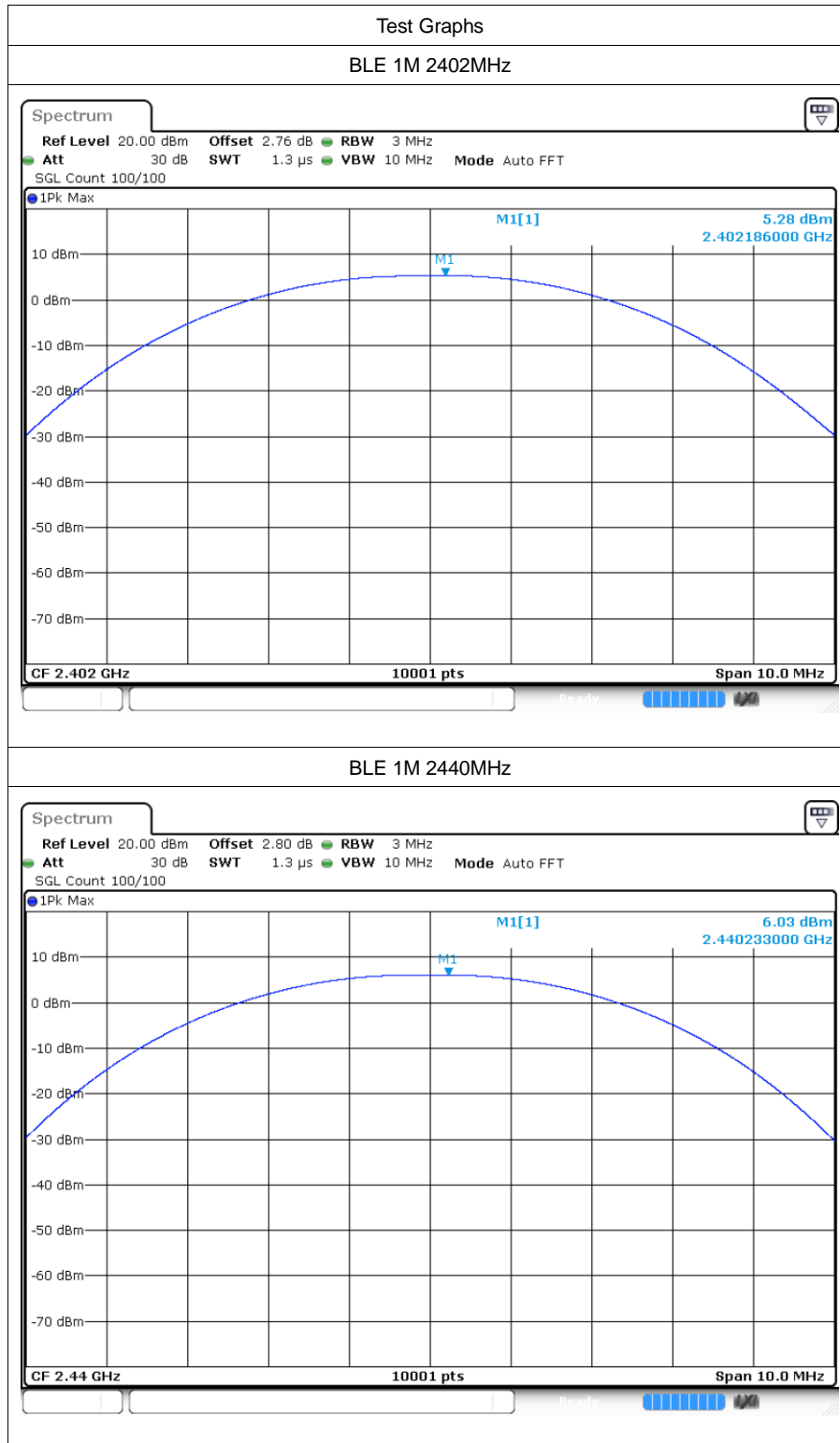


## 2 Maximum Conducted Output Power

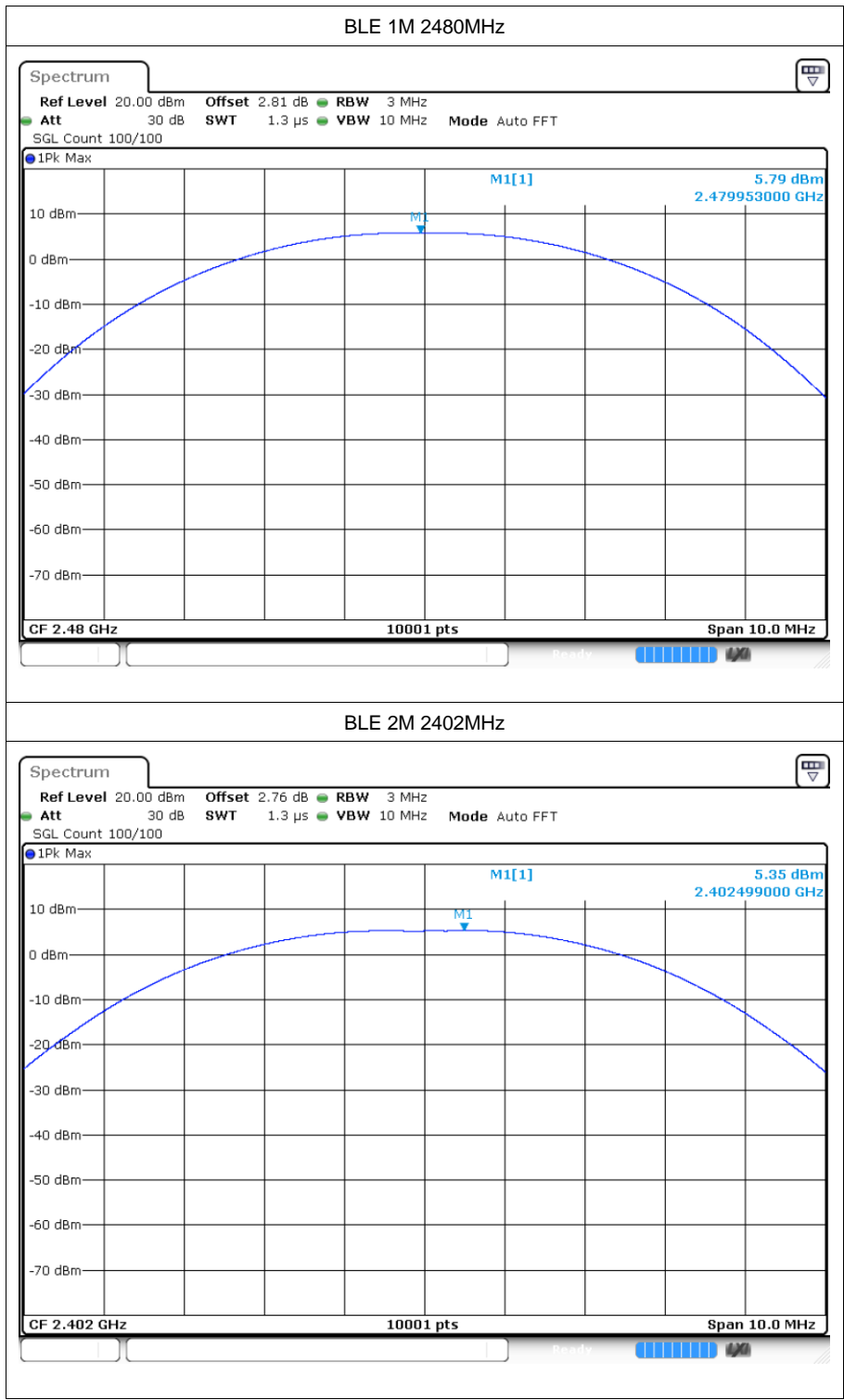
### 2.1 Test Result

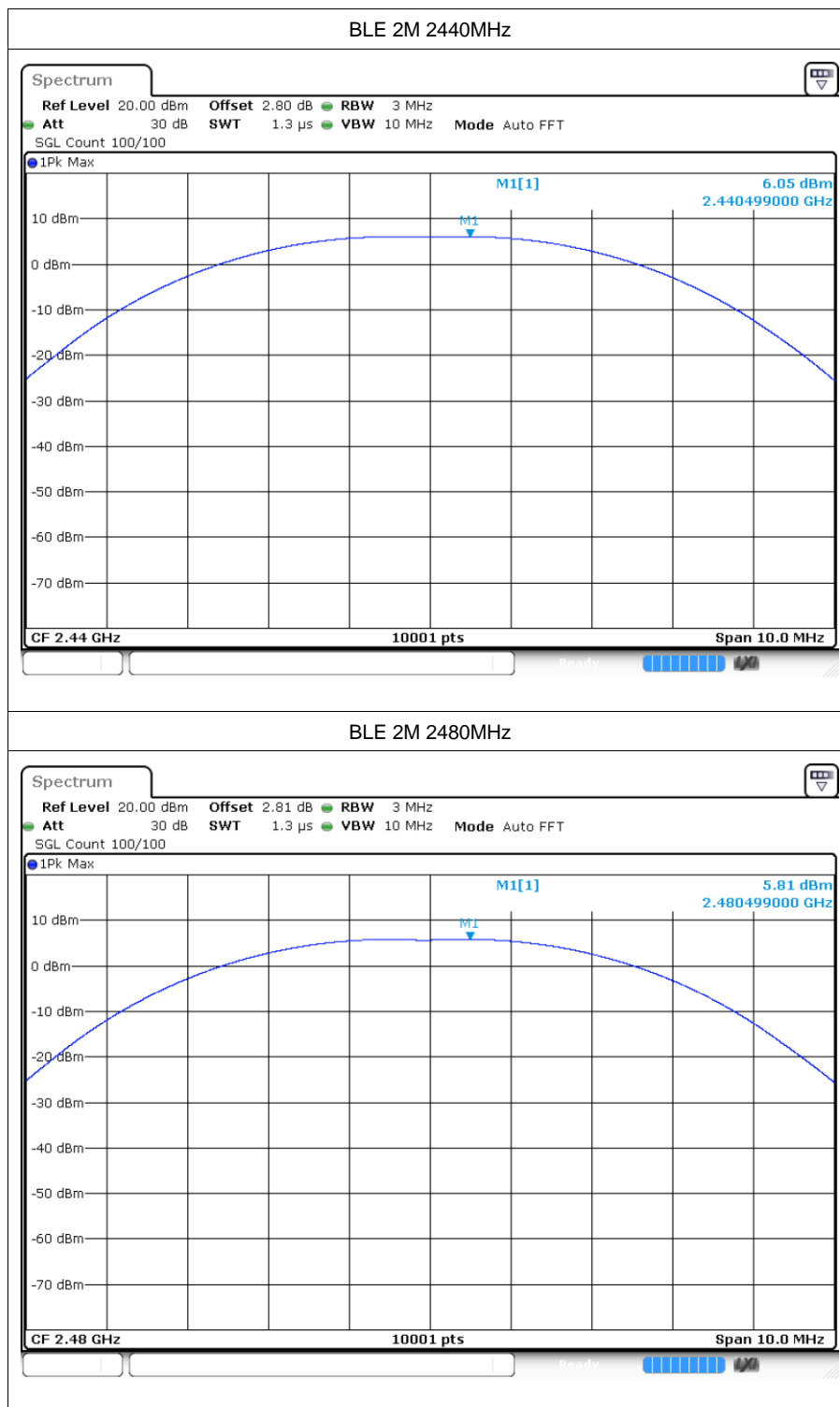
Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	5.28	30	Pass
BLE 1M	2440	6.03	30	Pass
BLE 1M	2480	5.79	30	Pass
BLE 2M	2402	5.35	30	Pass
BLE 2M	2440	6.05	30	Pass
BLE 2M	2480	5.81	30	Pass

## 2.2 Test Graphs









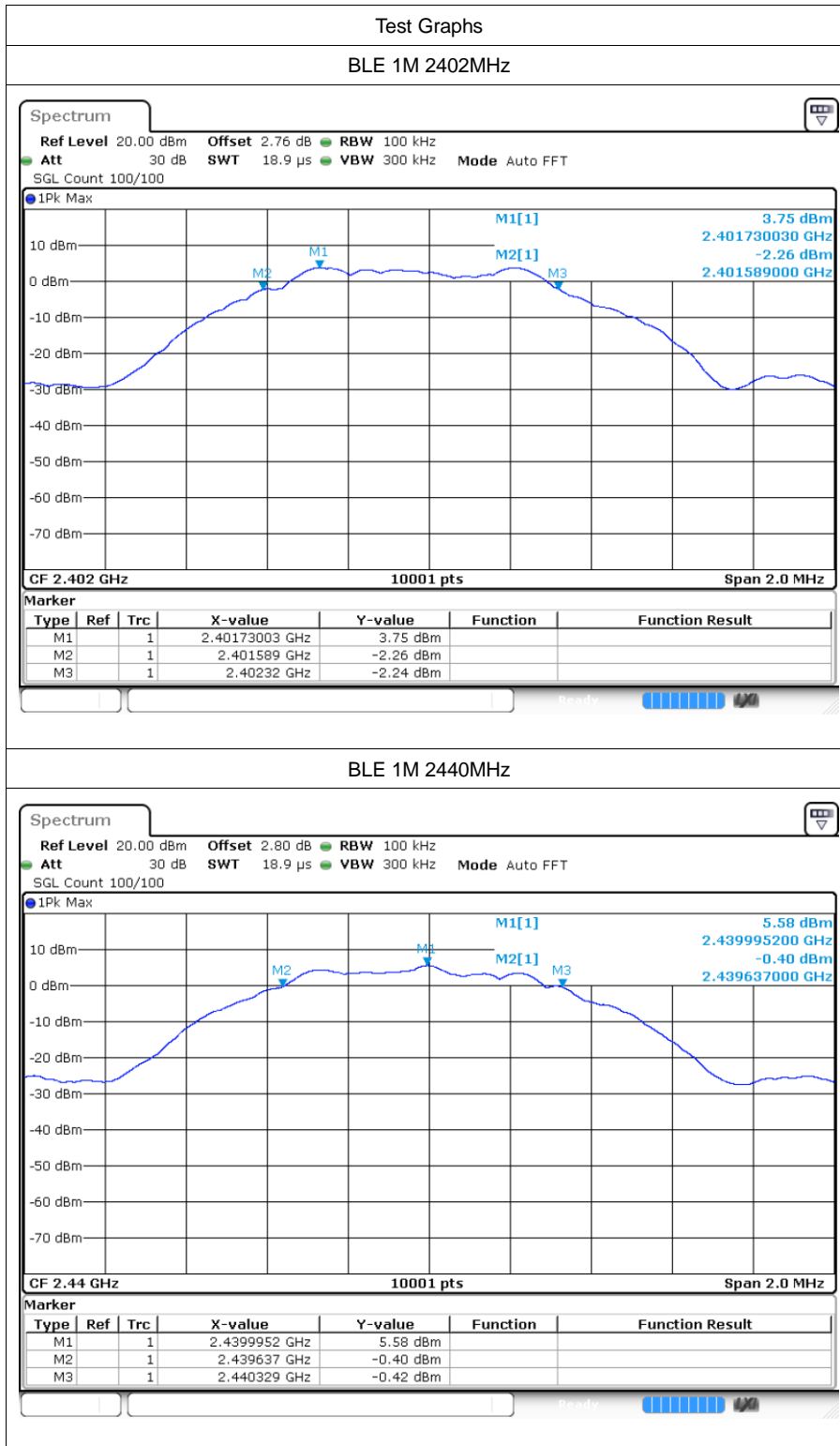


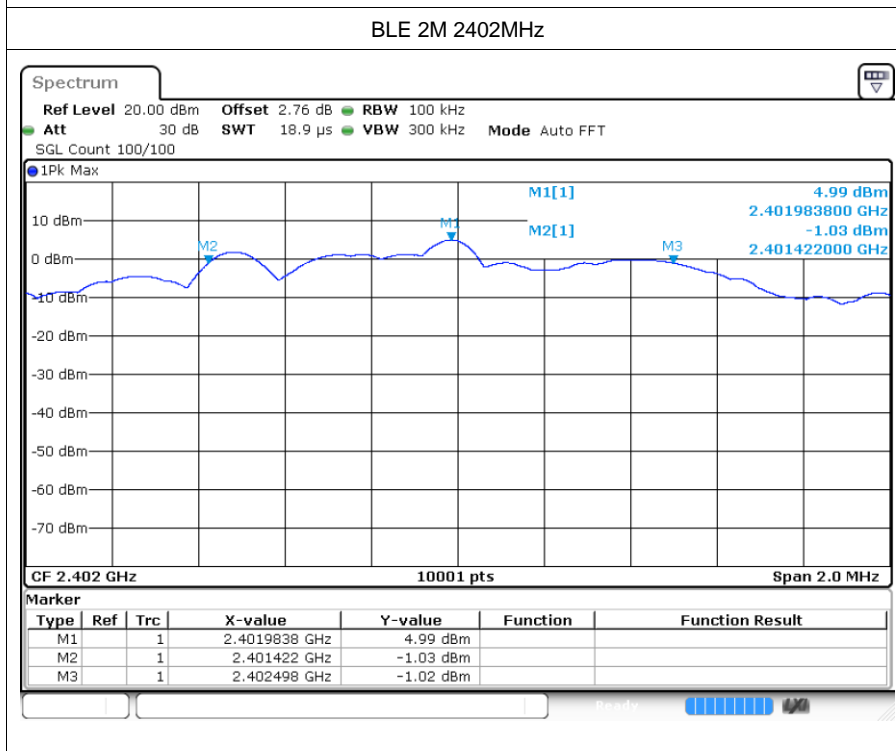
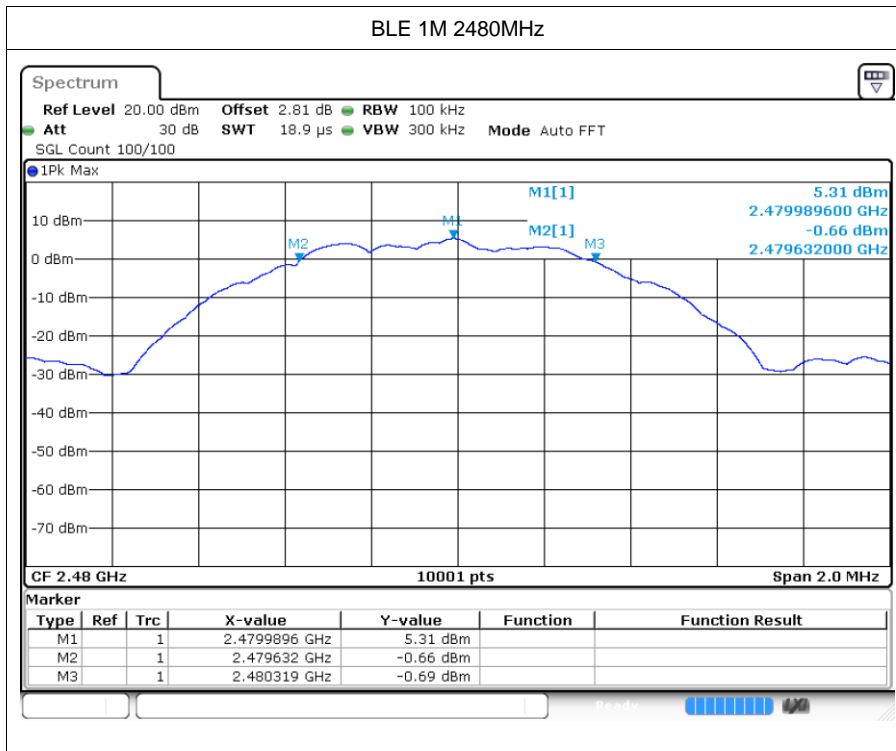
### 3 -6dB Bandwidth

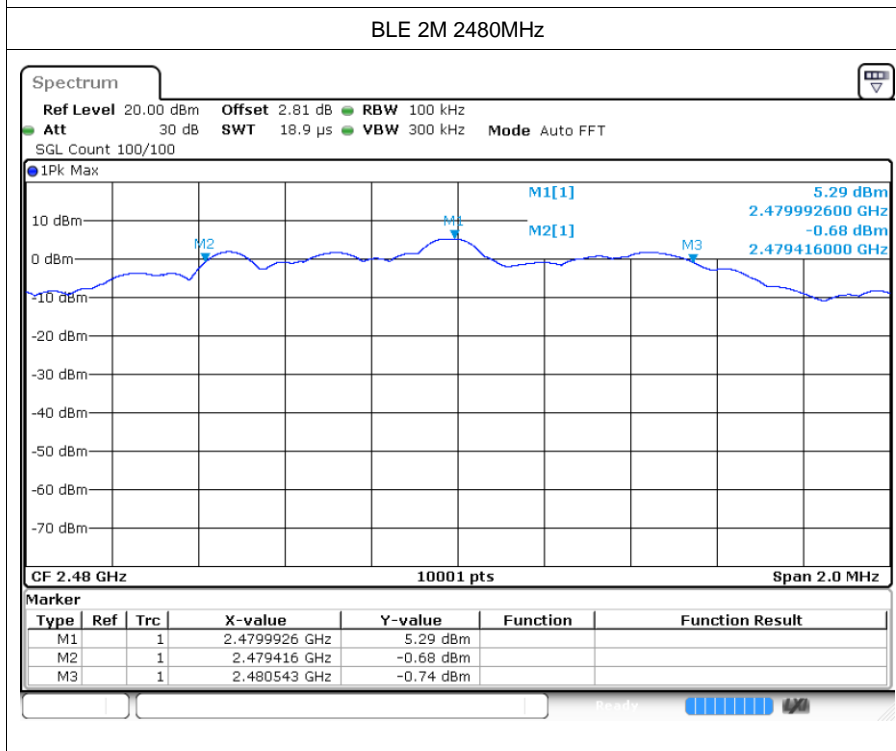
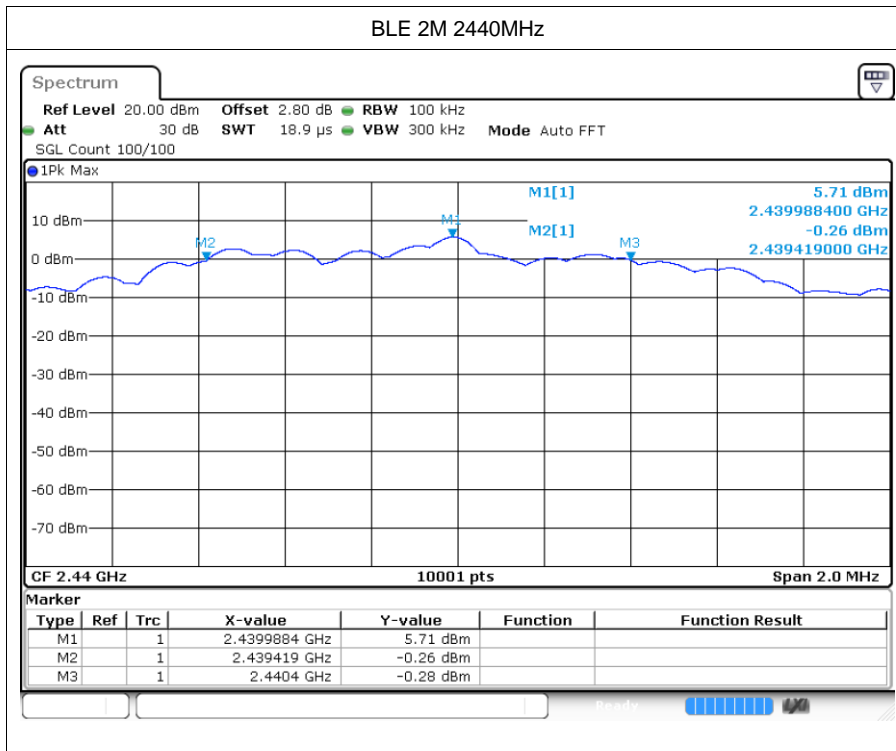
#### 3.1 Test Result

Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	0.731	0.5	Pass
BLE 1M	2440	0.692	0.5	Pass
BLE 1M	2480	0.687	0.5	Pass
BLE 2M	2402	1.076	0.5	Pass
BLE 2M	2440	0.981	0.5	Pass
BLE 2M	2480	1.127	0.5	Pass

### 3.2 Test Graphs







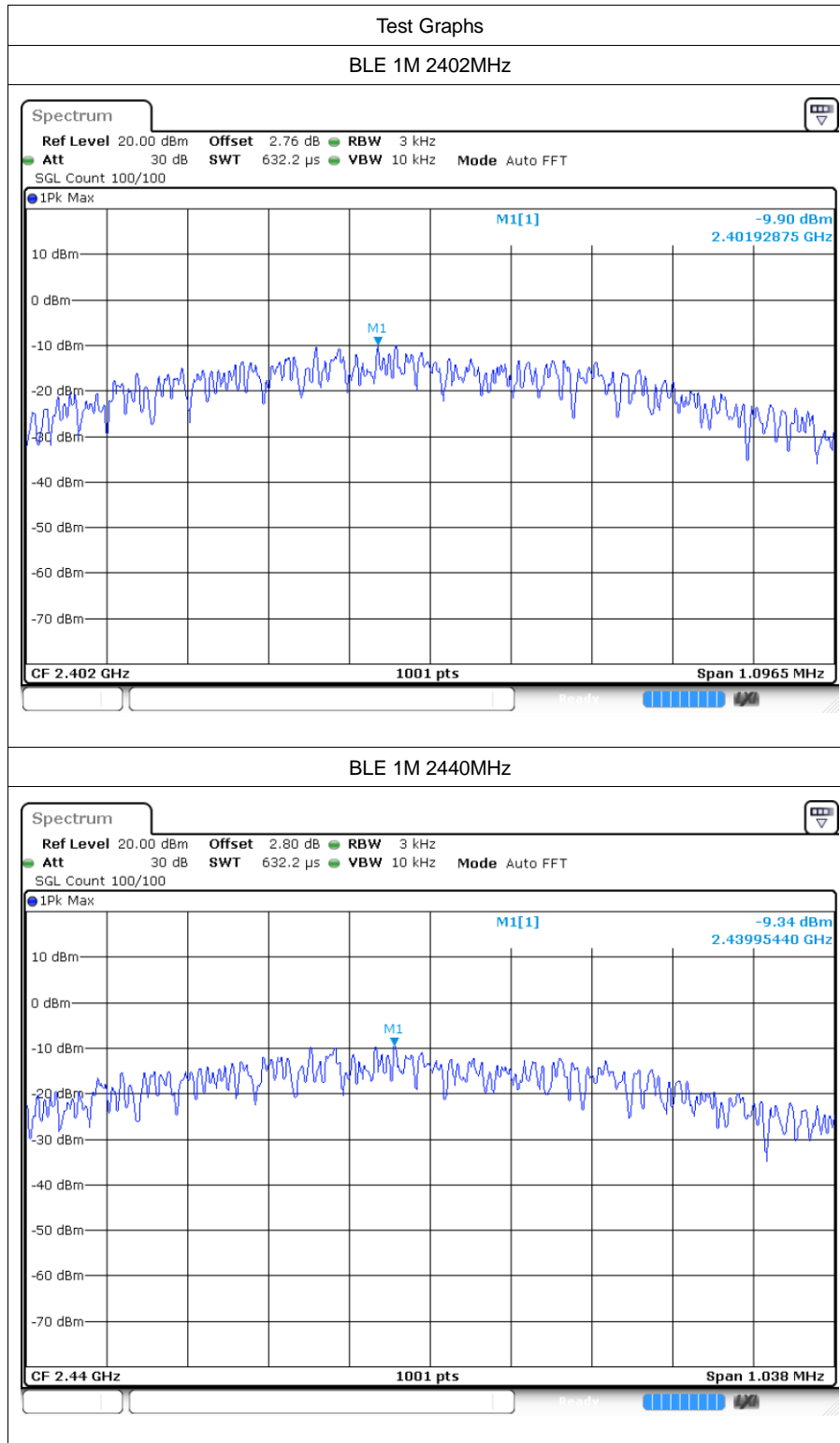


## 4 Maximum Power Spectral Density Level

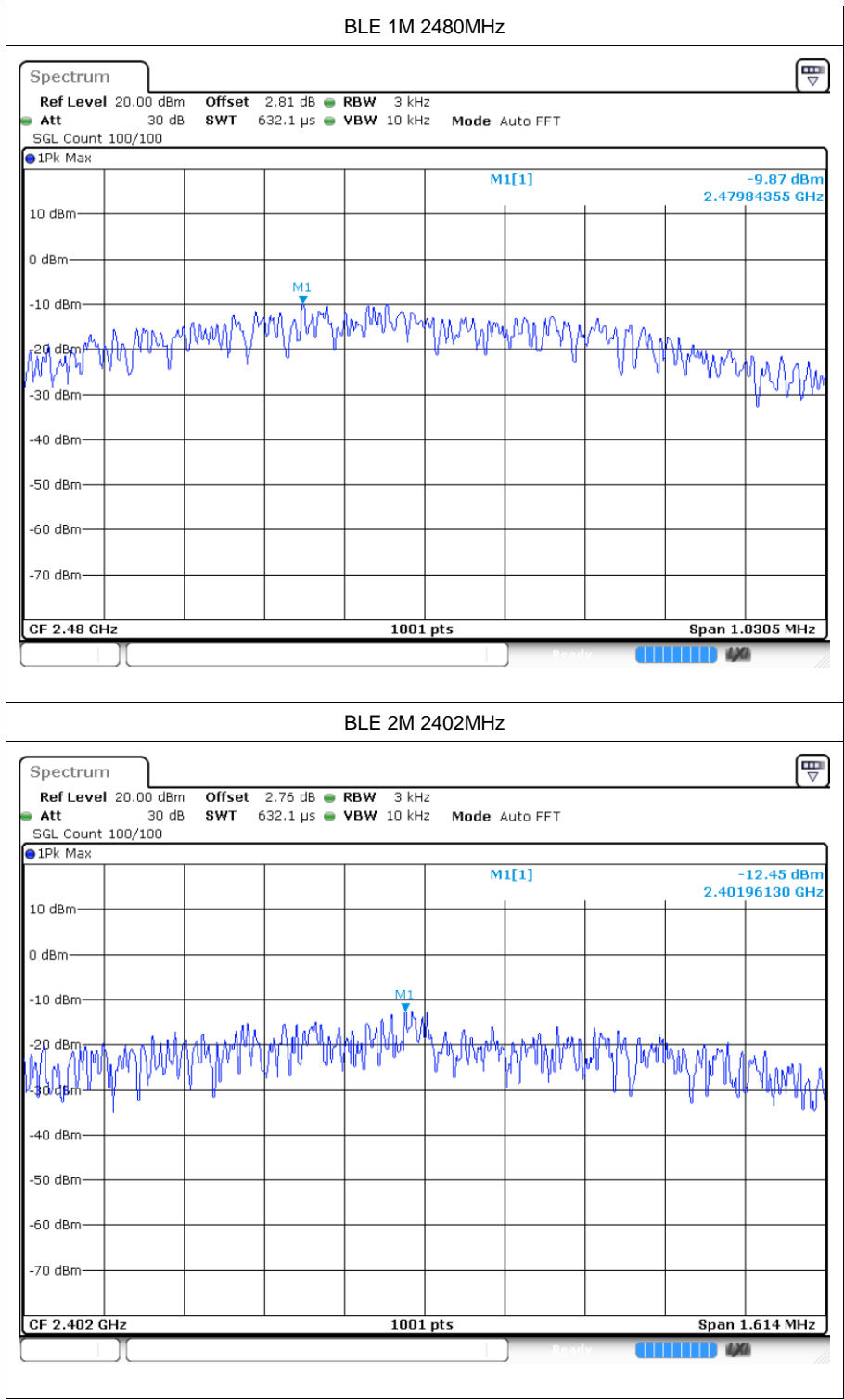
### 4.1 Test Result

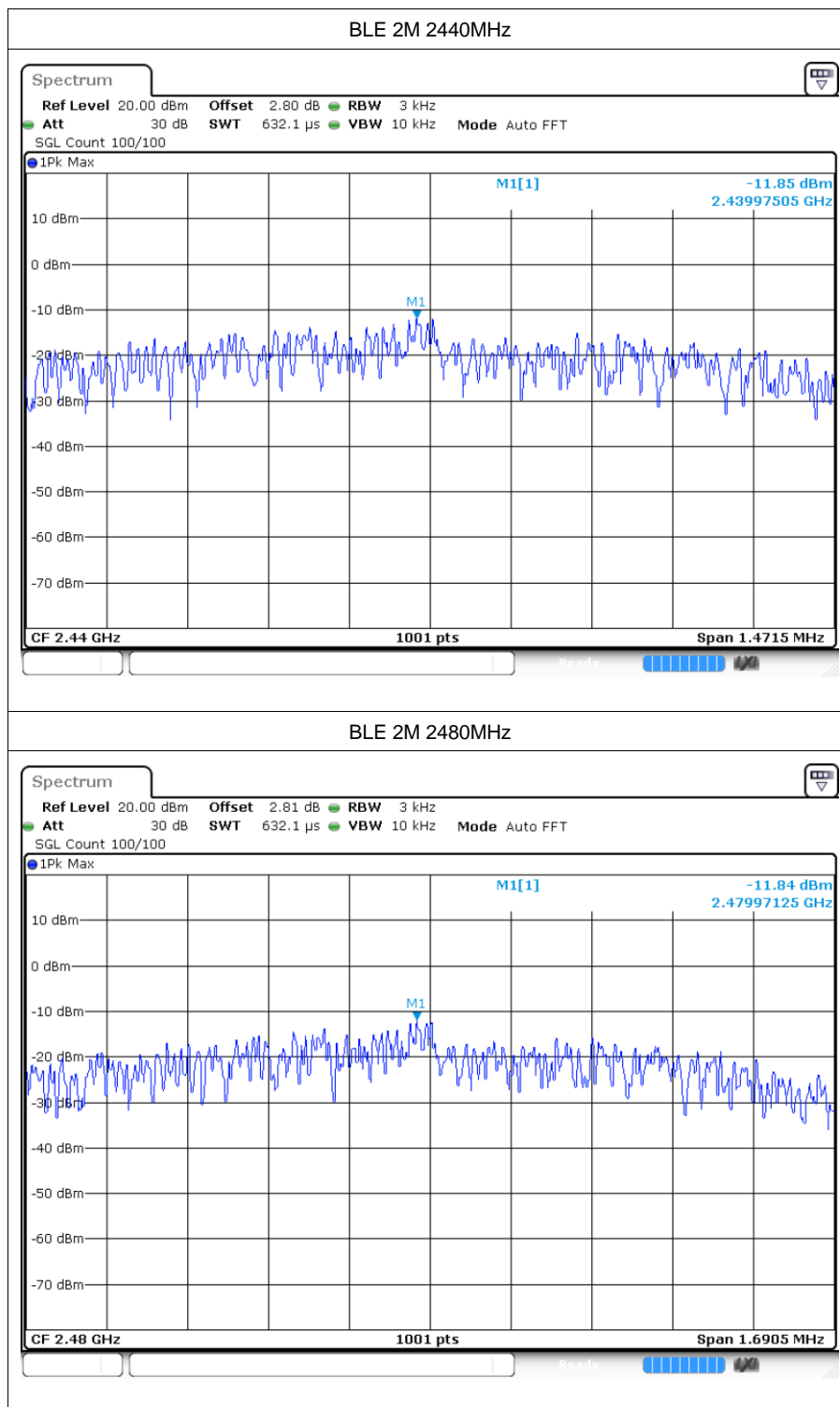
Mode	Frequency (MHz)	Conducted PSD (dBm/3-100kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	-9.9	≤8	Pass
BLE 1M	2440	-9.34	≤8	Pass
BLE 1M	2480	-9.87	≤8	Pass
BLE 2M	2402	-12.45	≤8	Pass
BLE 2M	2440	-11.85	≤8	Pass
BLE 2M	2480	-11.84	≤8	Pass

## 4.2 Test Graphs









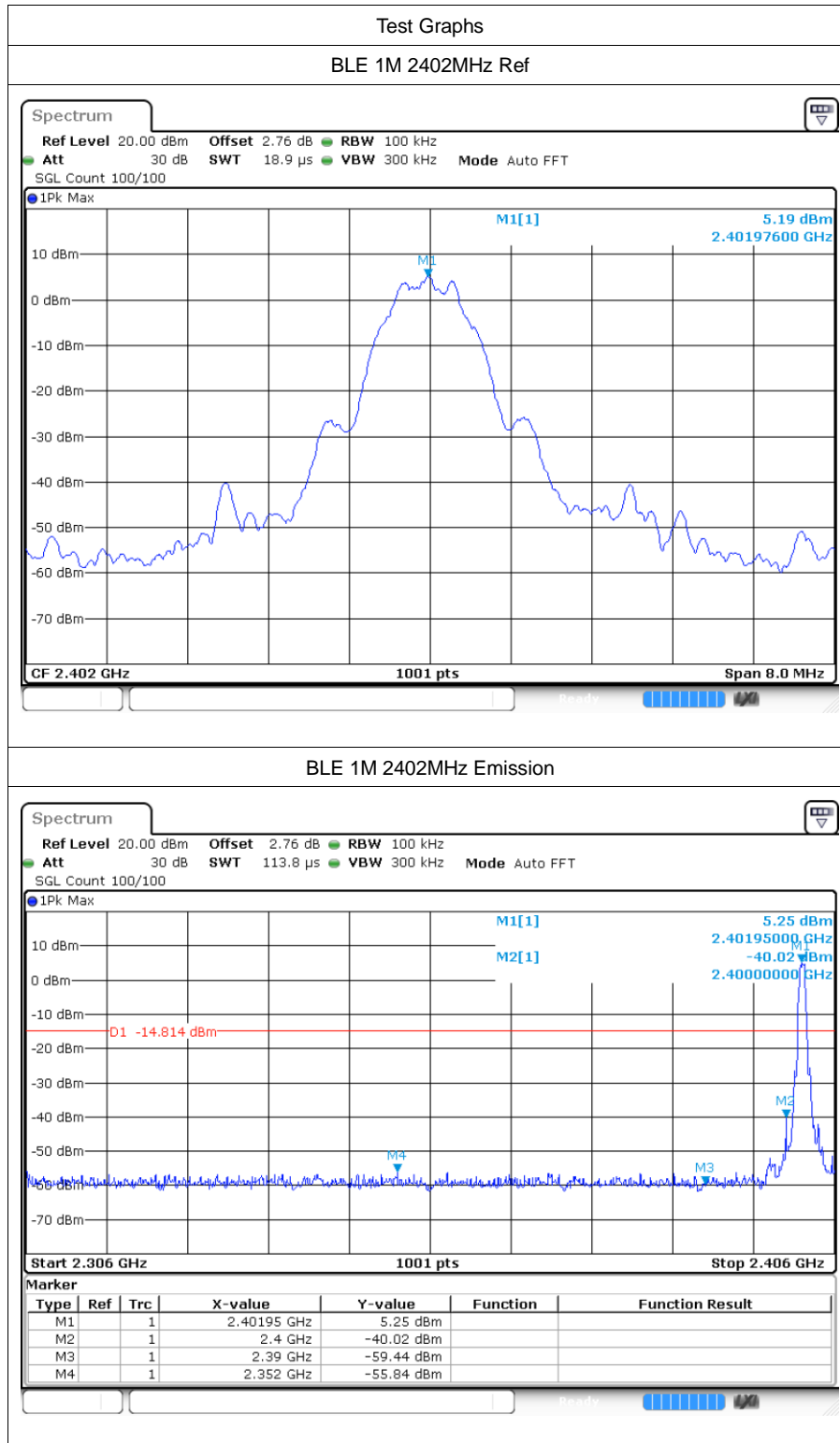


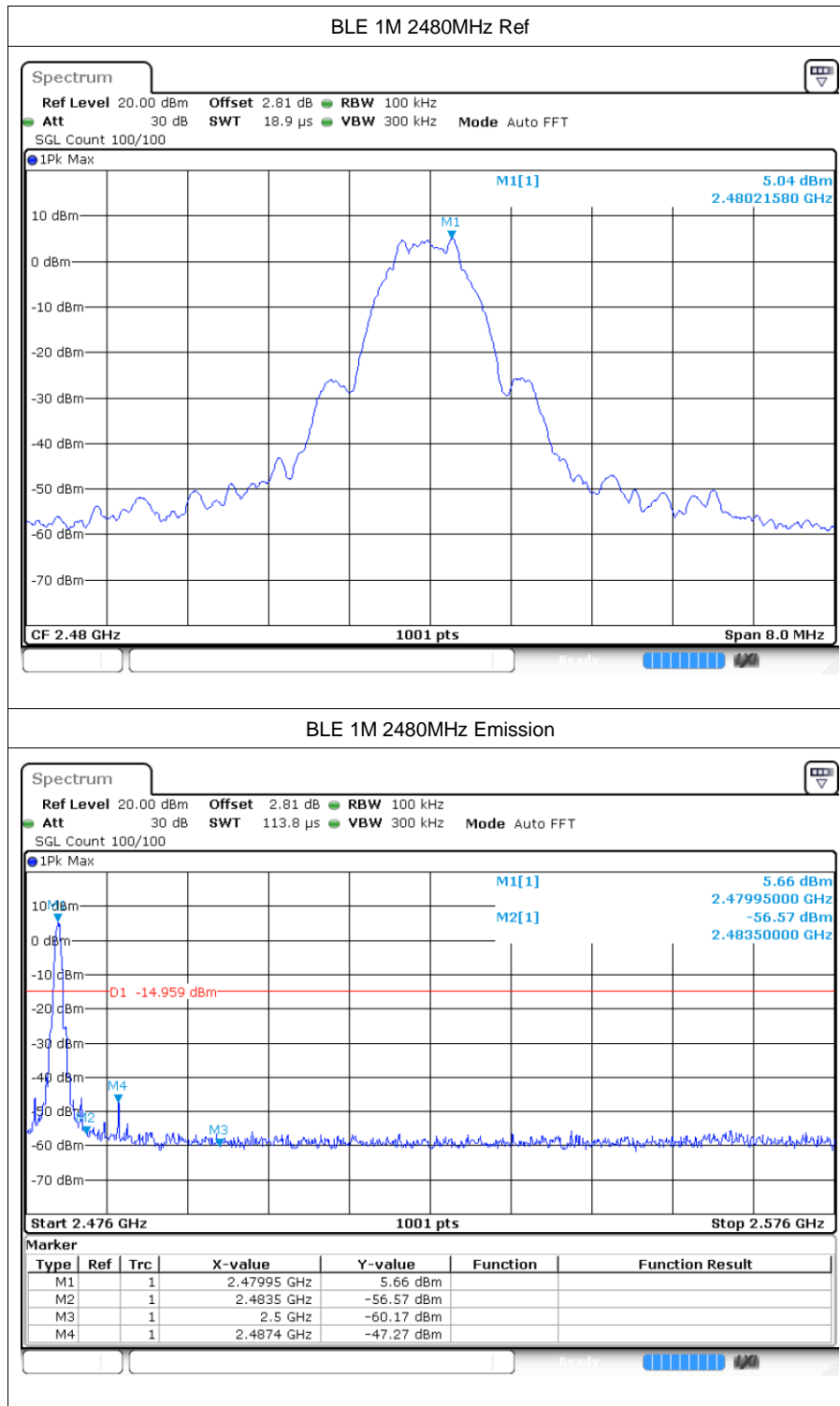
## 5 Band Edge

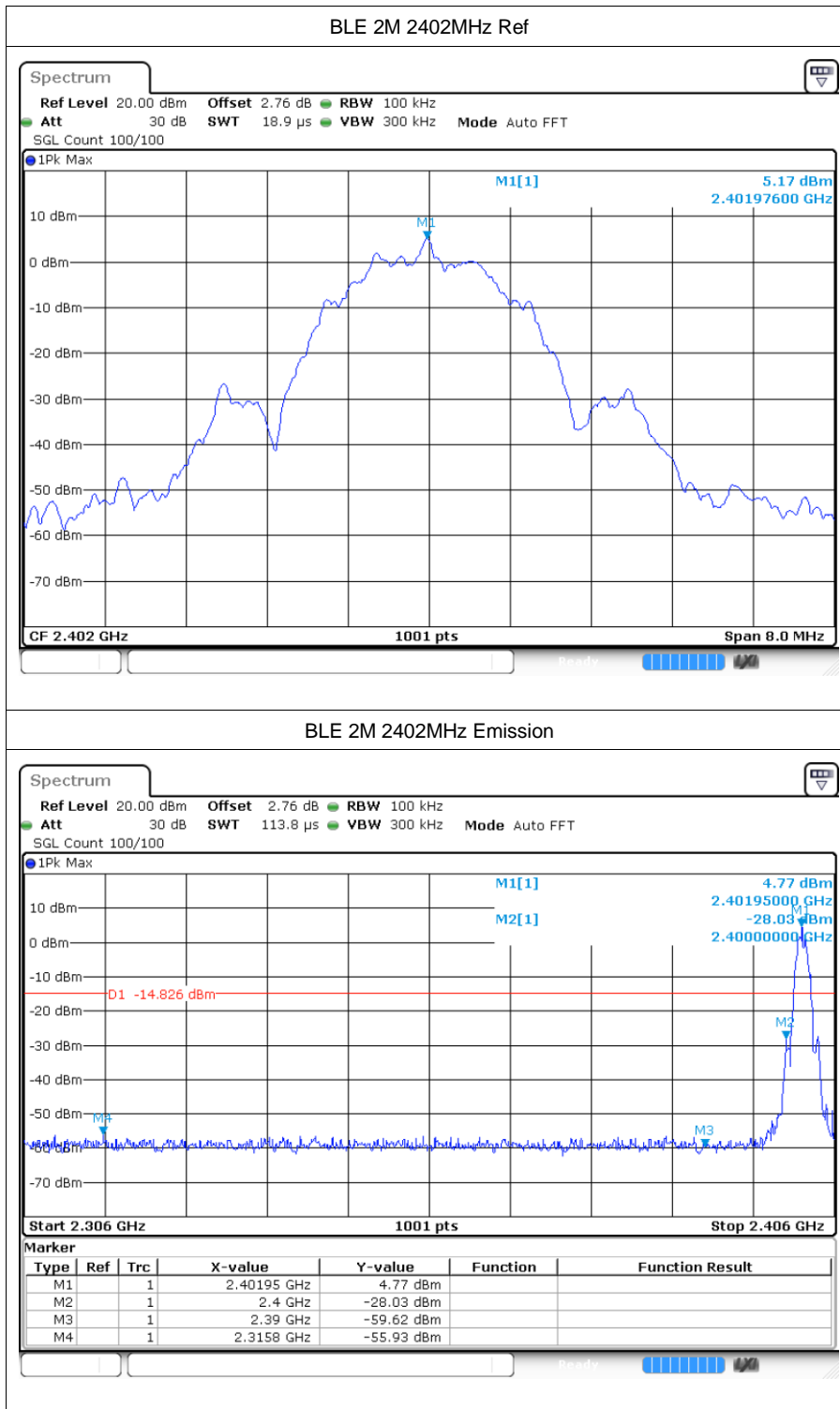
### 5.1 Test Result

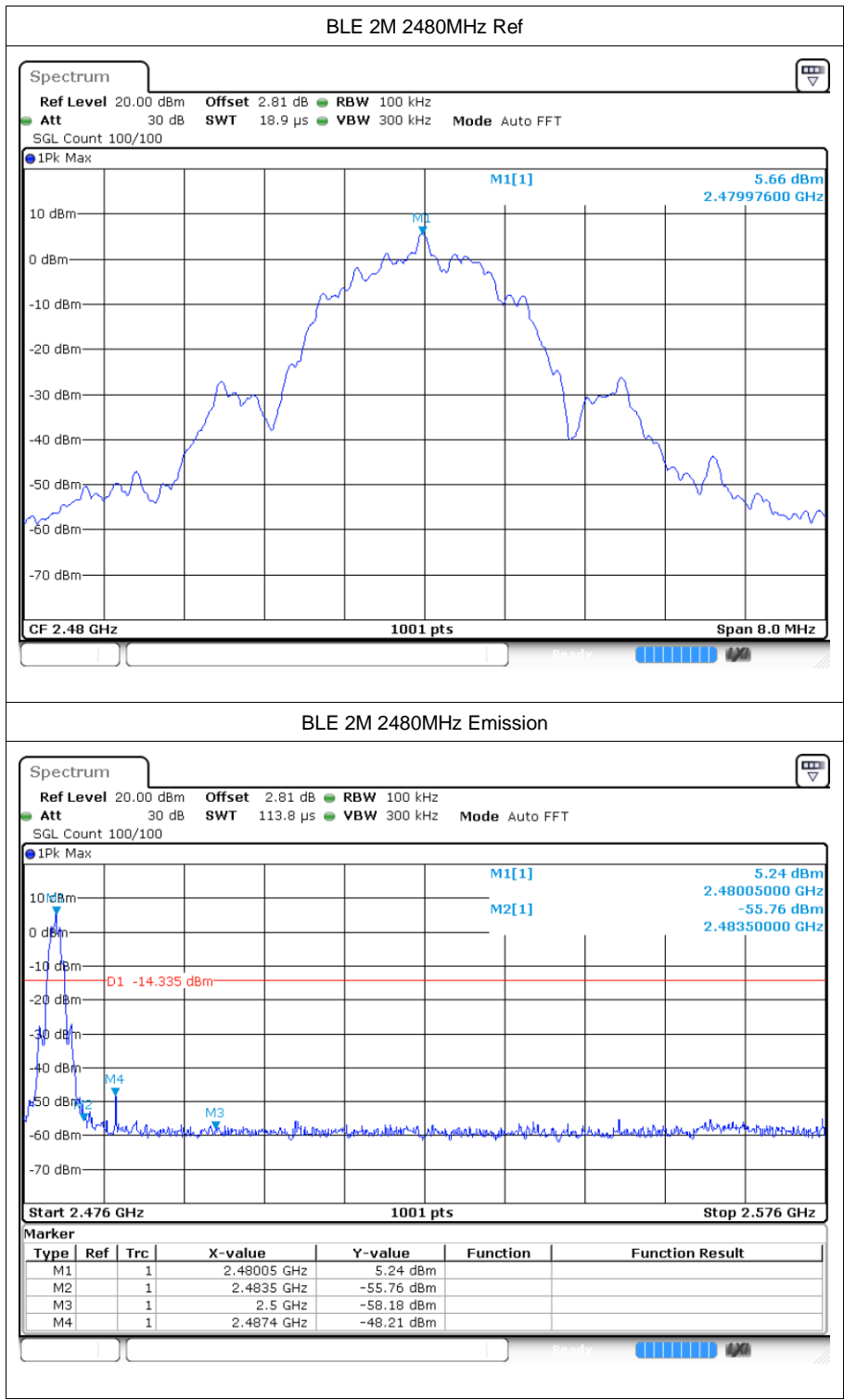
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-61.03	-20	Pass
BLE 1M	2480	-52.3	-20	Pass
BLE 2M	2402	-61.09	-20	Pass
BLE 2M	2480	-53.86	-20	Pass

## 5.2 Test Graphs











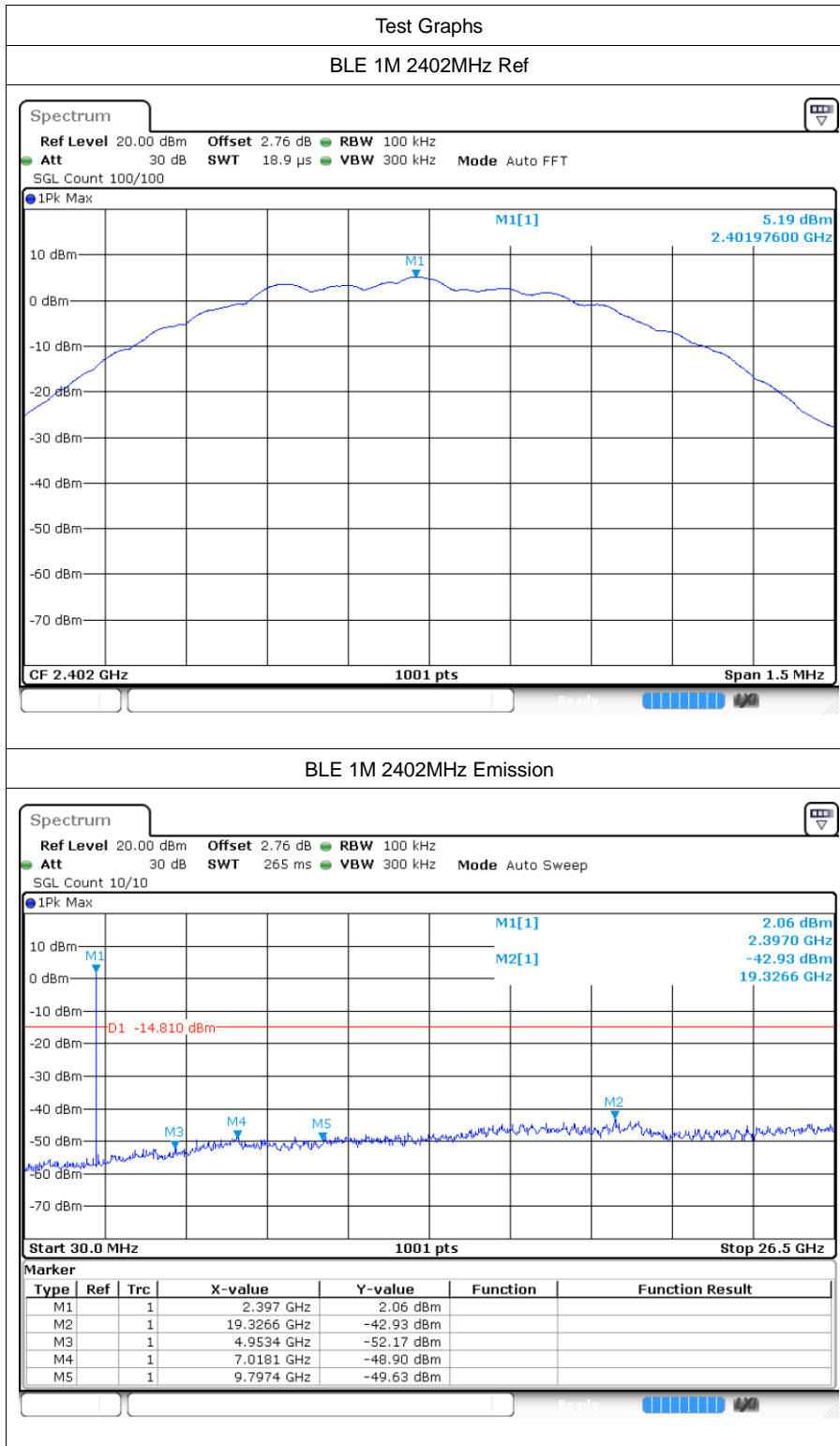
## 6 Conducted RF Spurious Emission

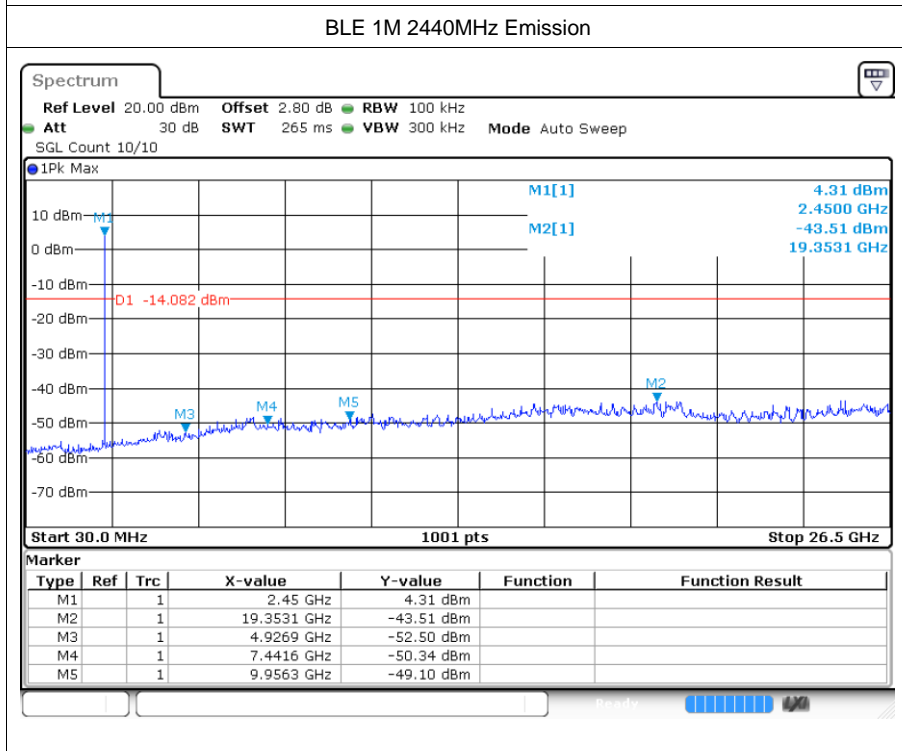
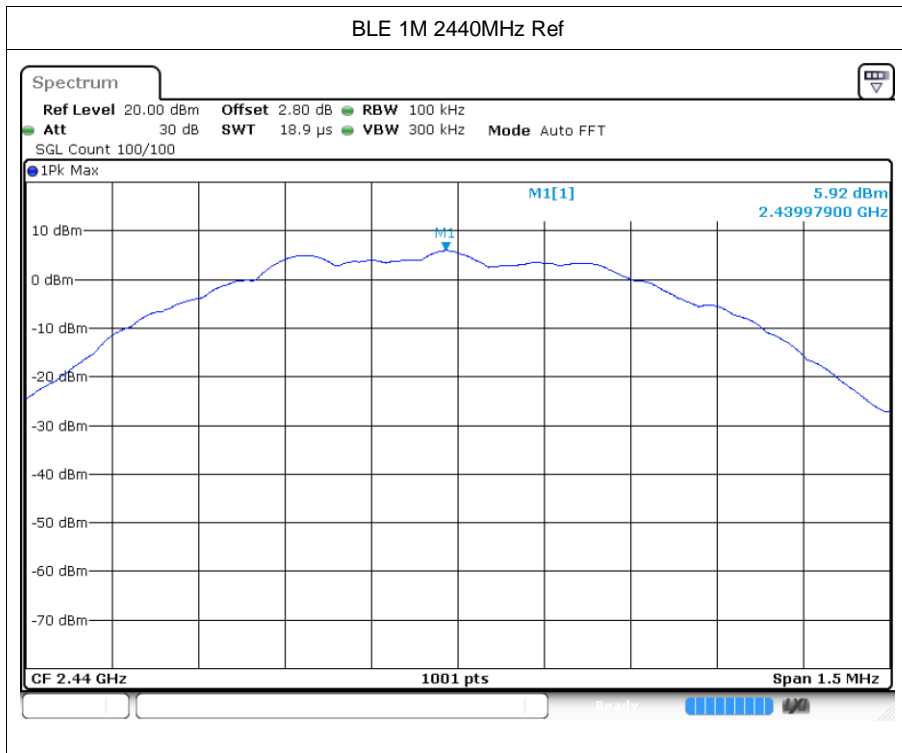
### 6.1 Test Result

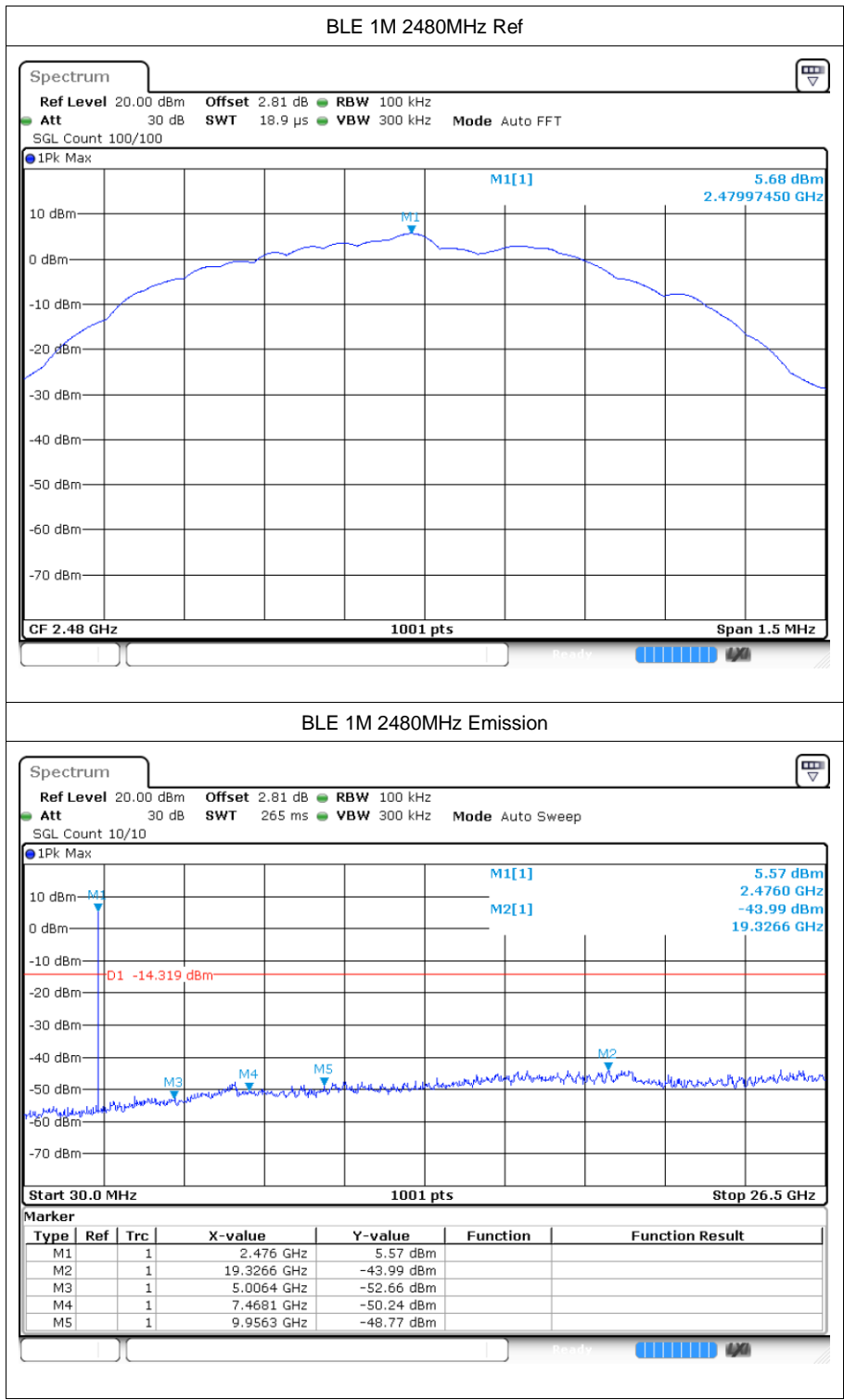
Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	-48.12	-20	Pass
BLE 1M	2440	-49.42	-20	Pass
BLE 1M	2480	-49.67	-20	Pass
BLE 2M	2402	-48.64	-20	Pass
BLE 2M	2440	-48.61	-20	Pass
BLE 2M	2480	-48.16	-20	Pass

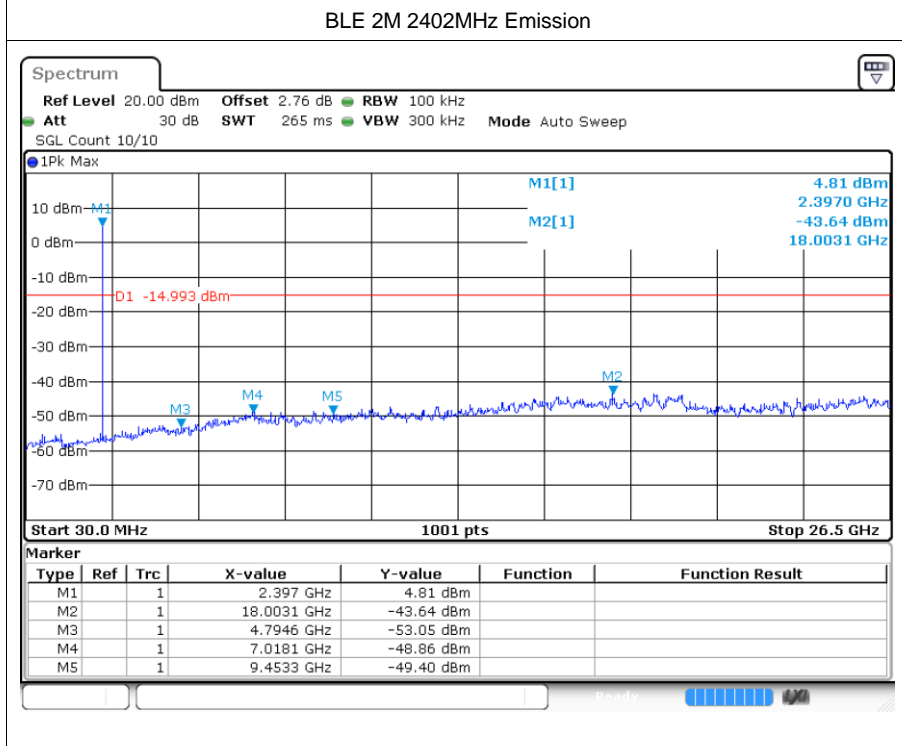
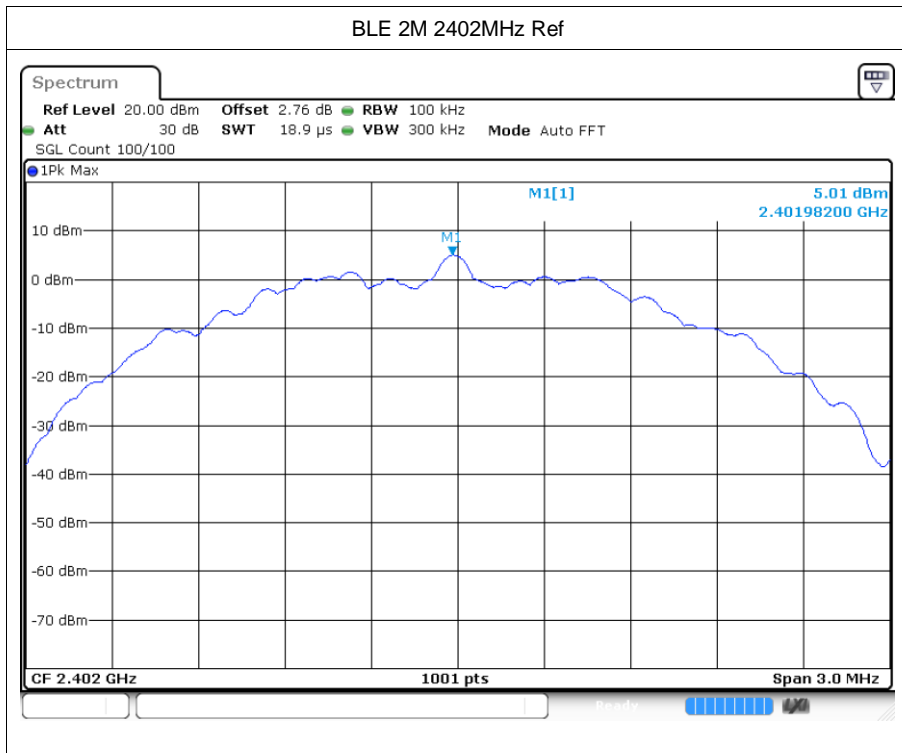


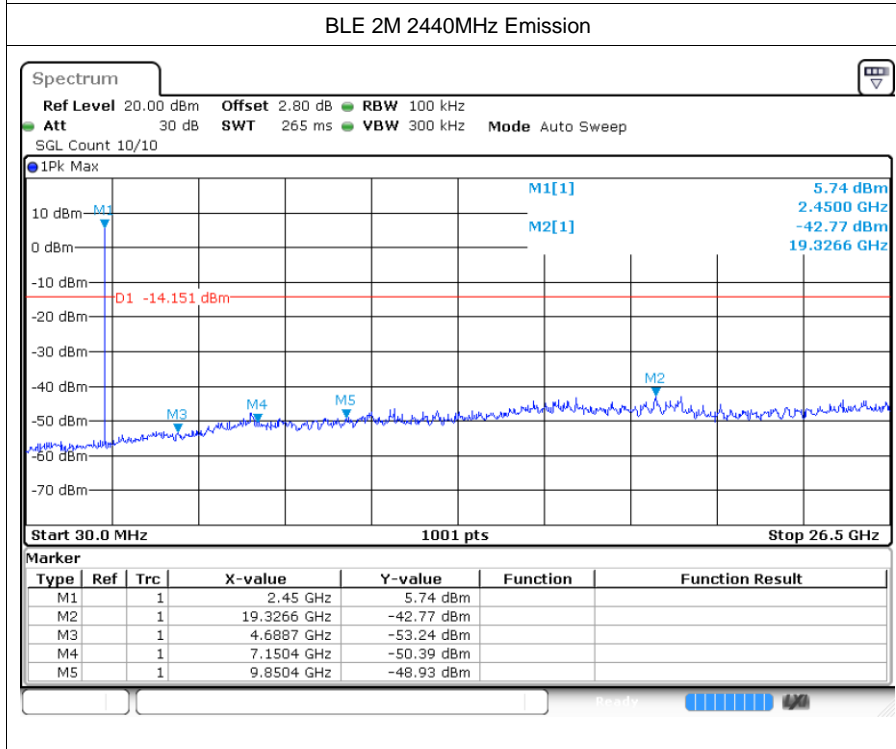
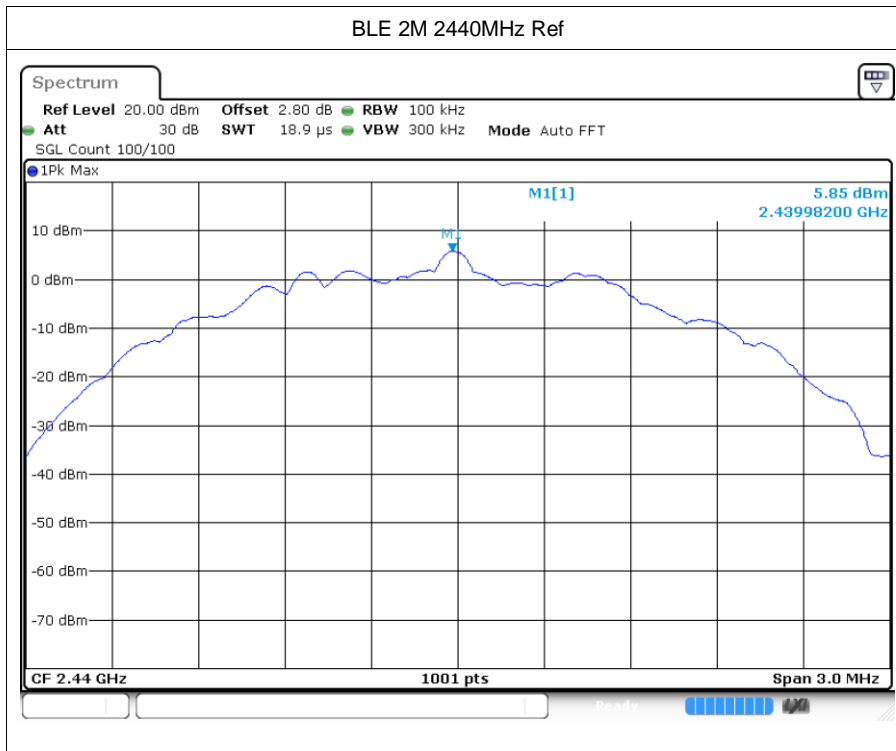
## 6.2 Test Graphs

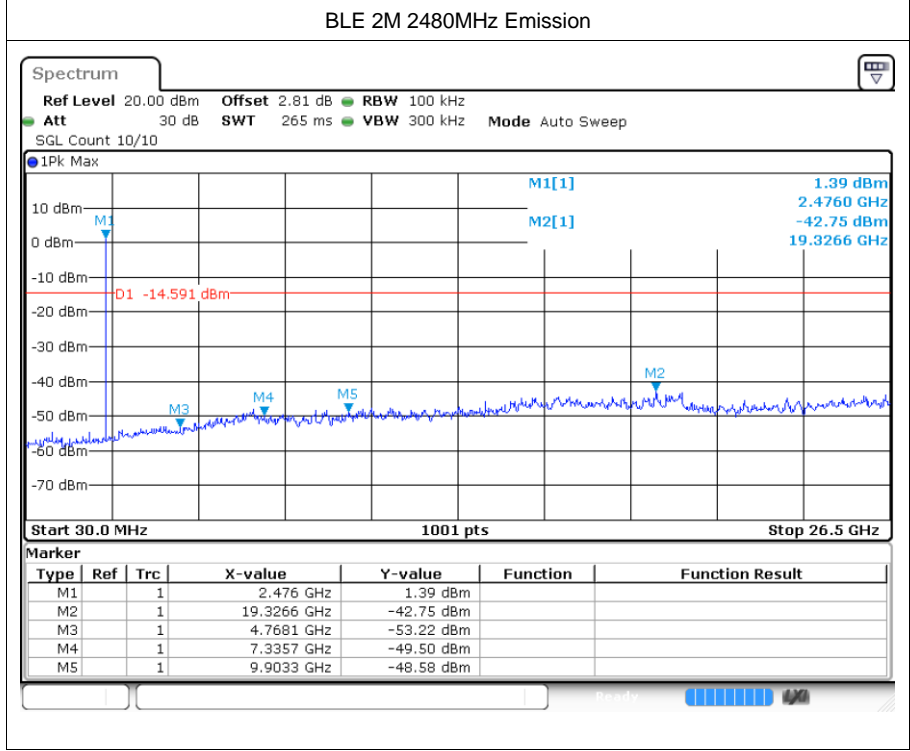
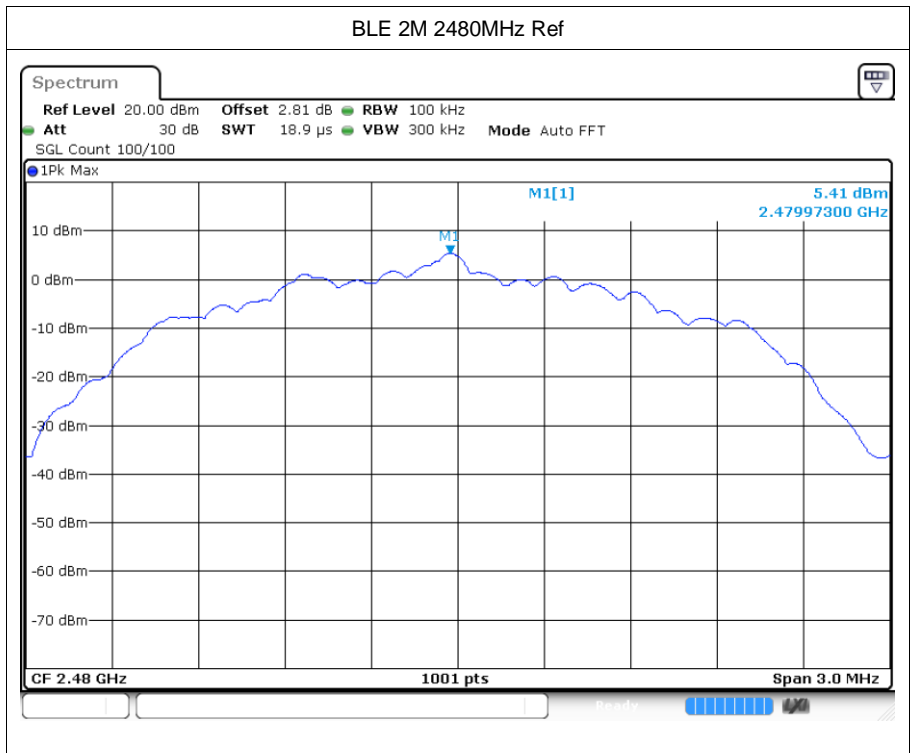












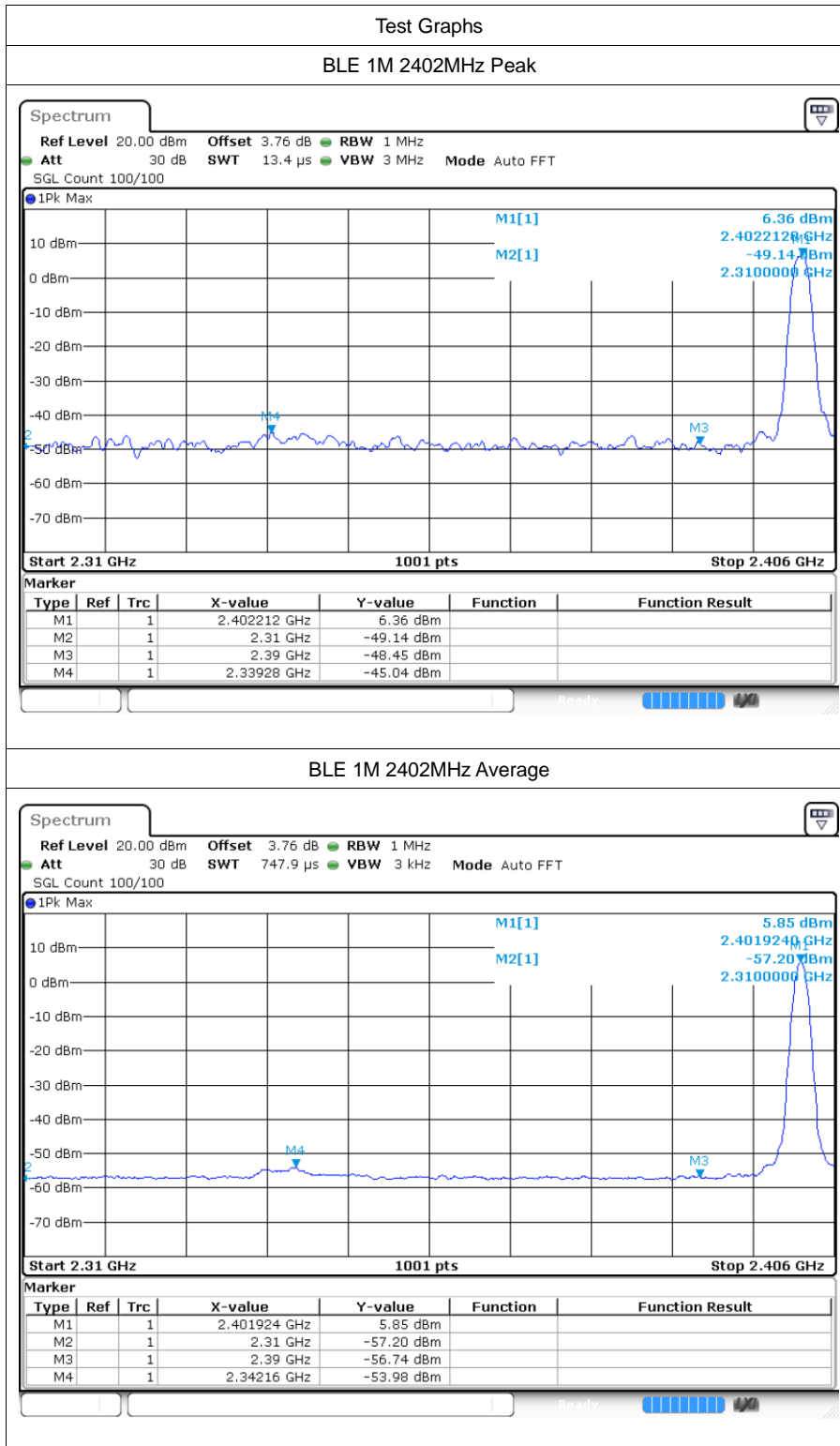


## 7 Restrict Band

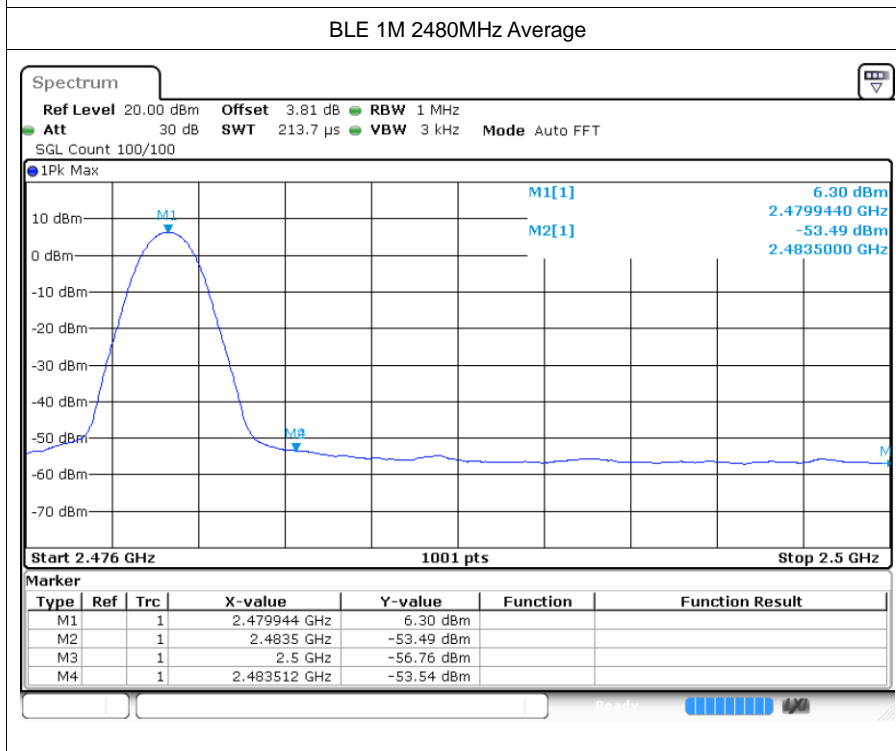
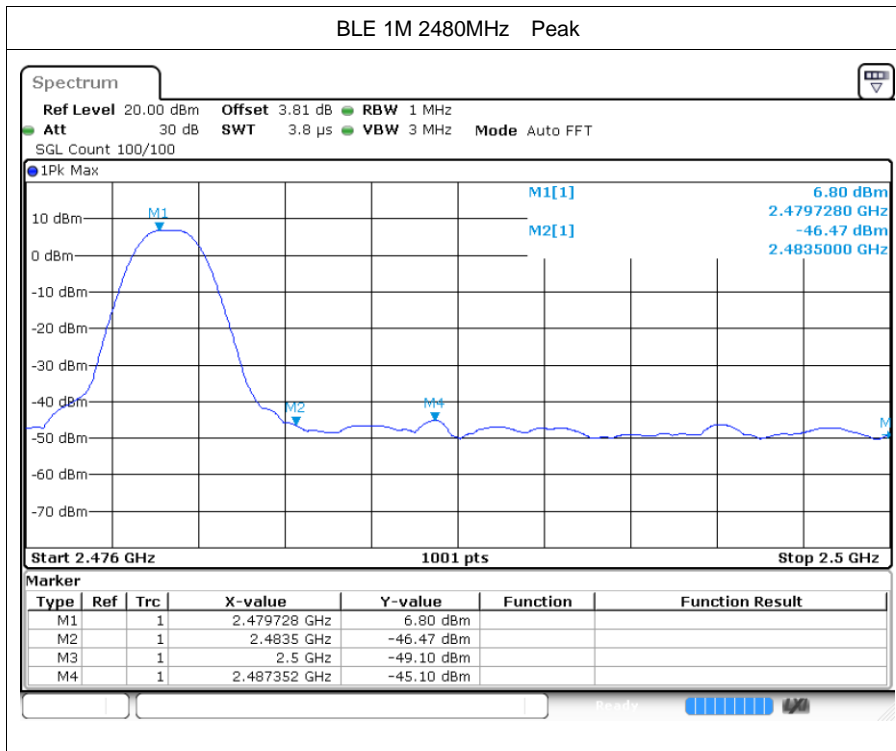
### 7.1 Test Result

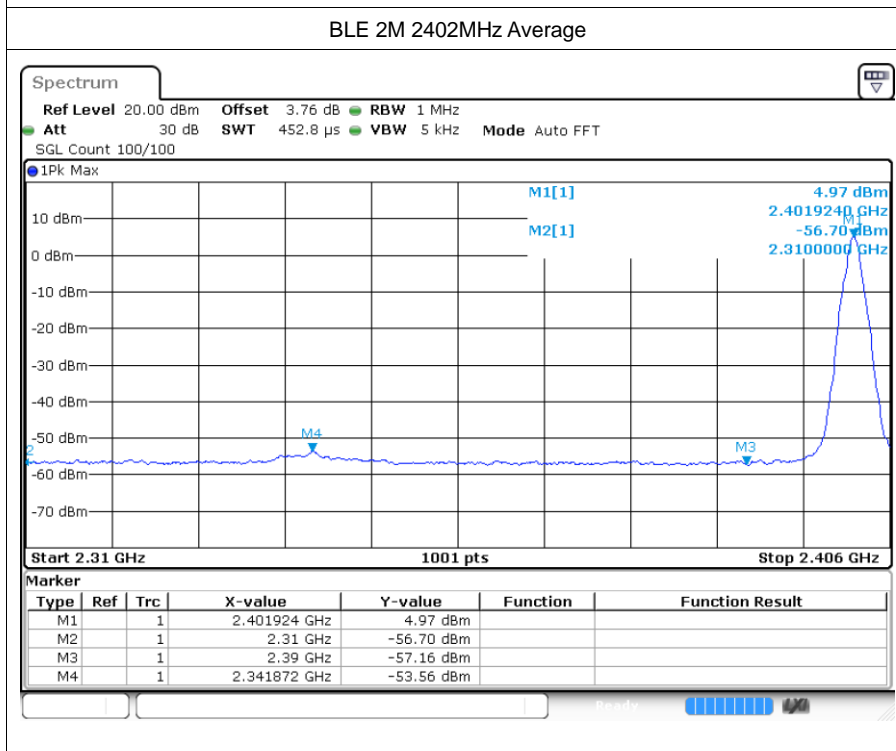
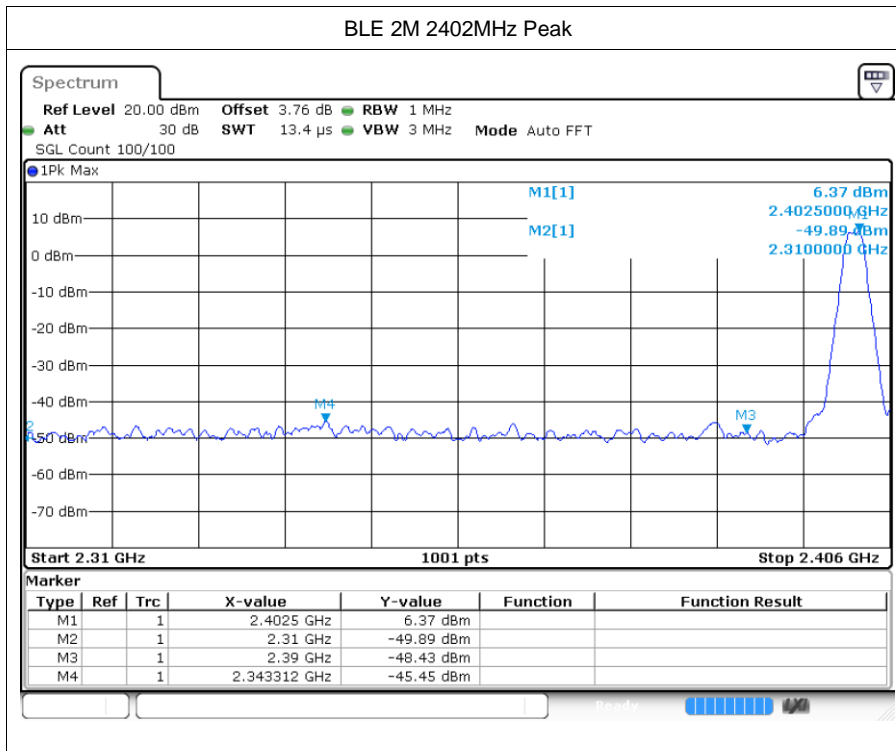
Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
BLE 1M	2402	2310	-49.14	3.743	49.83	Peak	74	Pass
BLE 1M	2402	2310	-57.2	3.743	41.77	Average	54	Pass
BLE 1M	2402	2339.28	-45.03	3.743	53.94	Peak	74	Pass
BLE 1M	2402	2342.16	-53.97	3.743	45.00	Average	54	Pass
BLE 1M	2402	2390	-48.44	3.743	50.53	Peak	74	Pass
BLE 1M	2402	2390	-56.74	3.743	42.23	Average	54	Pass
BLE 1M	2480	2483.5	-46.58	3.743	52.39	Peak	74	Pass
BLE 1M	2480	2483.5	-53.54	3.743	45.43	Average	54	Pass
BLE 1M	2480	2487.352	-45.09	3.743	53.88	Peak	74	Pass
BLE 1M	2480	2483.512	-53.54	3.743	45.43	Average	54	Pass
BLE 1M	2480	2500	-49.1	3.743	49.87	Peak	74	Pass
BLE 1M	2480	2500	-56.76	3.743	42.21	Average	54	Pass
BLE 2M	2402	2310	-49.89	3.743	49.08	Peak	74	Pass
BLE 2M	2402	2310	-56.69	3.743	42.28	Average	54	Pass
BLE 2M	2402	2343.312	-45.45	3.743	53.52	Peak	74	Pass
BLE 2M	2402	2341.872	-53.56	3.743	45.41	Average	54	Pass
BLE 2M	2402	2390	-48.43	3.743	50.54	Peak	74	Pass
BLE 2M	2402	2390	-57.15	3.743	41.82	Average	54	Pass
BLE 2M	2480	2483.5	-45.1	3.743	53.87	Peak	74	Pass
BLE 2M	2480	2483.5	-50.09	3.743	48.88	Average	54	Pass
BLE 2M	2480	2483.512	-45.1	3.743	53.87	Peak	74	Pass
BLE 2M	2480	2483.512	-50.09	3.743	48.88	Average	54	Pass
BLE 2M	2480	2500	-48.11	3.743	50.86	Peak	74	Pass
BLE 2M	2480	2500	-56.21	3.743	42.76	Average	54	Pass

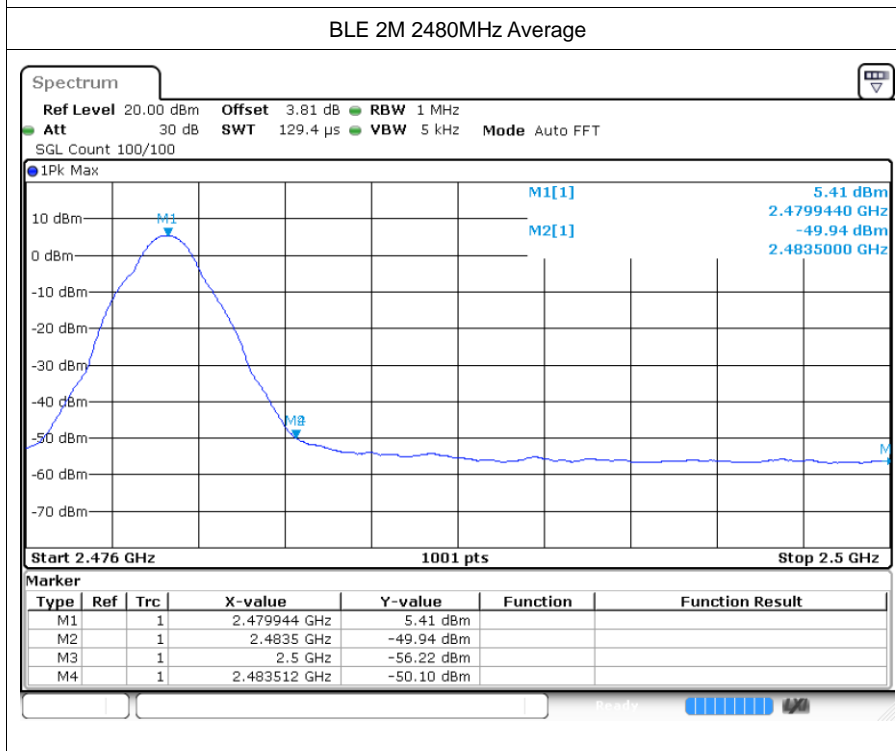
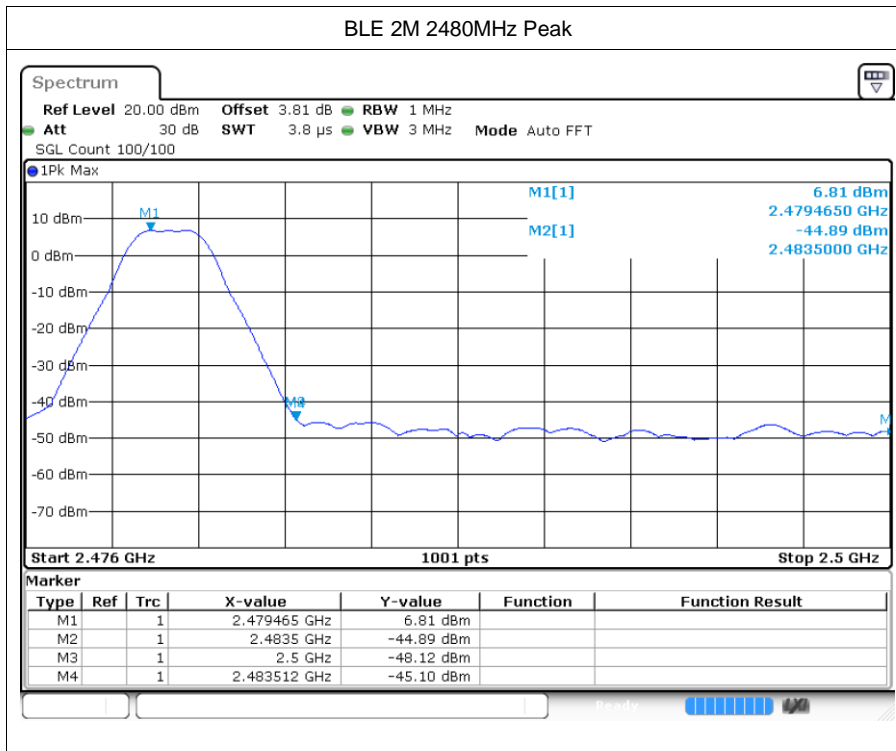
## 7.2 Test Graphs











---The End---