



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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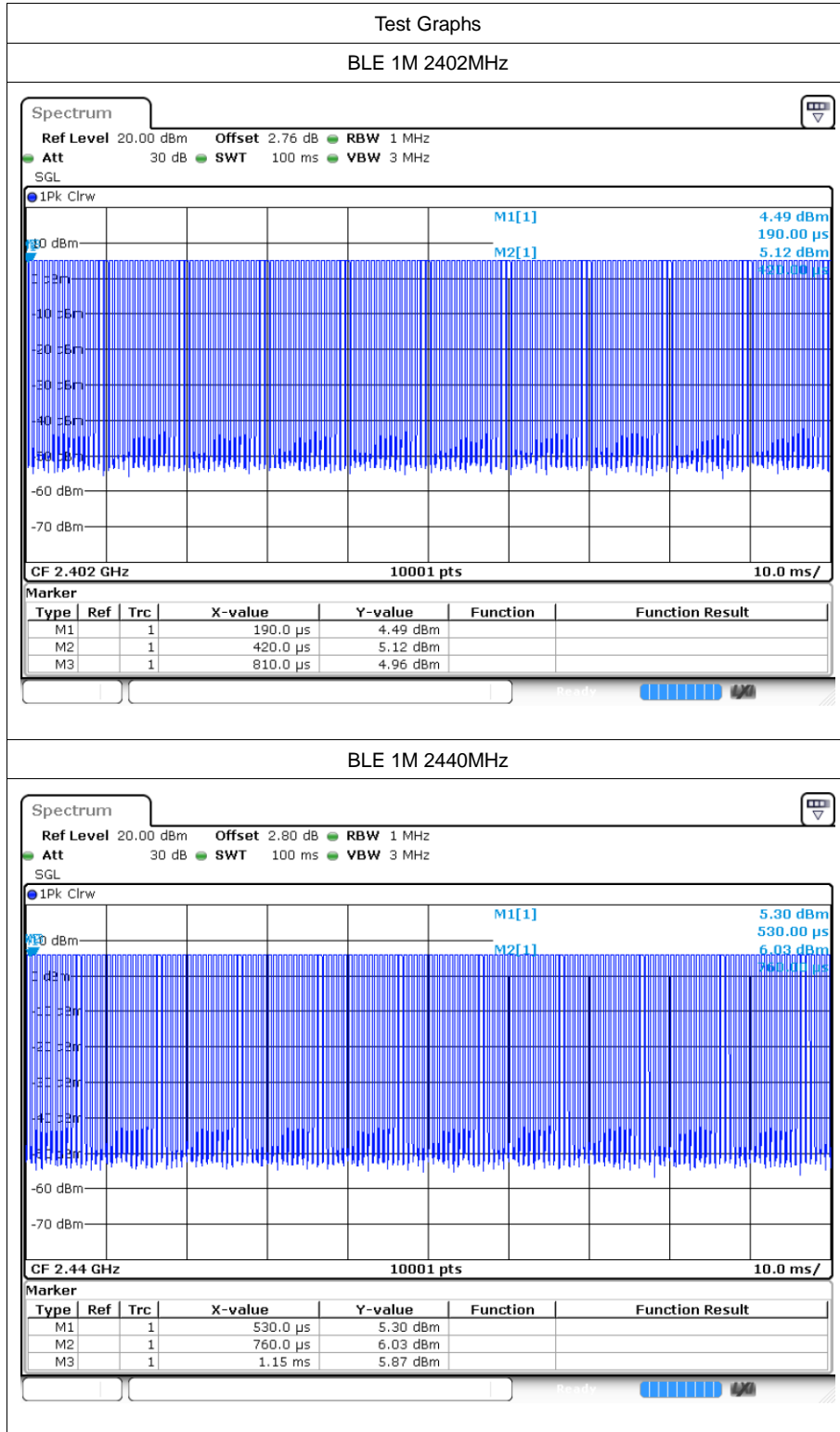


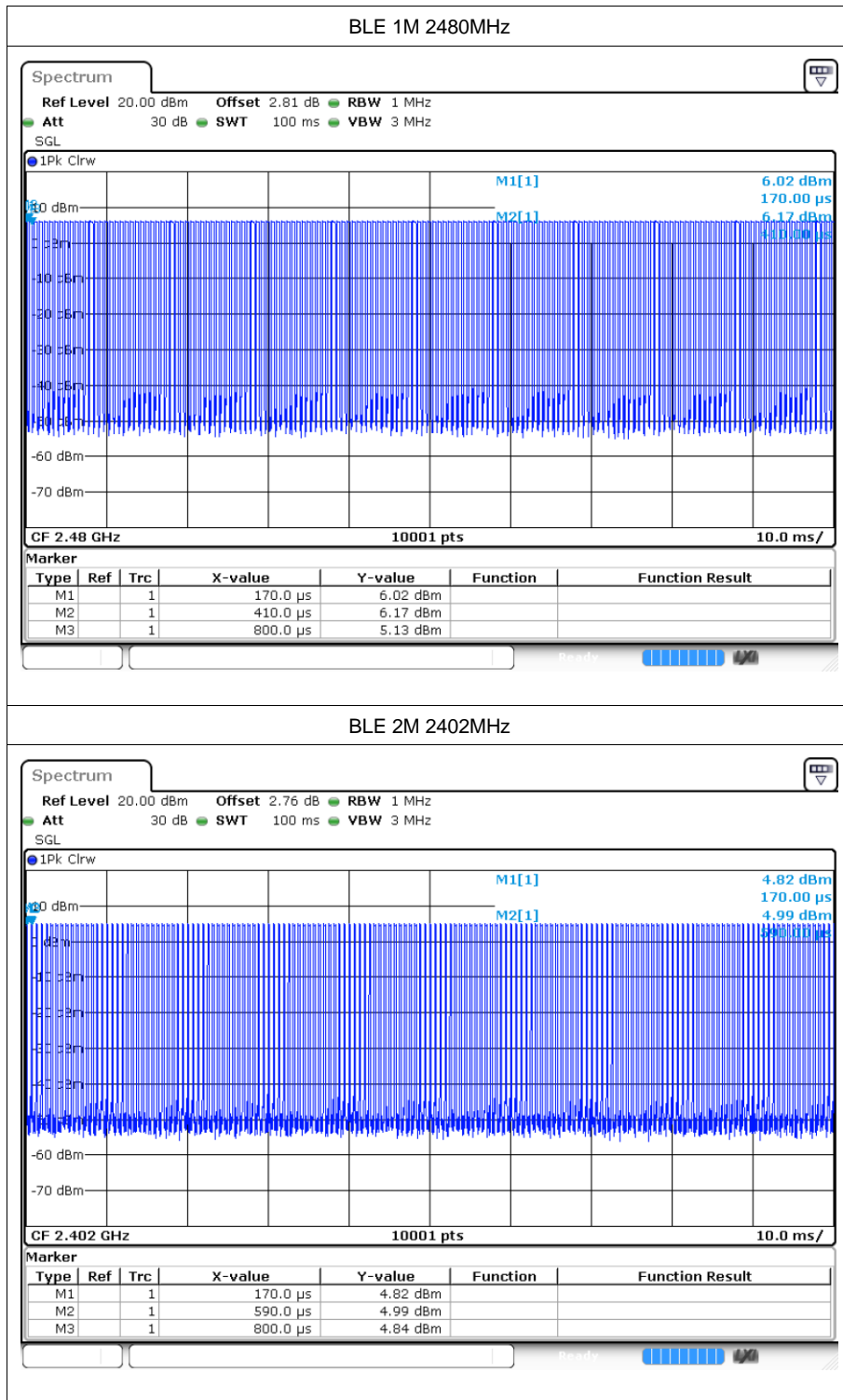
1 Duty Cycle

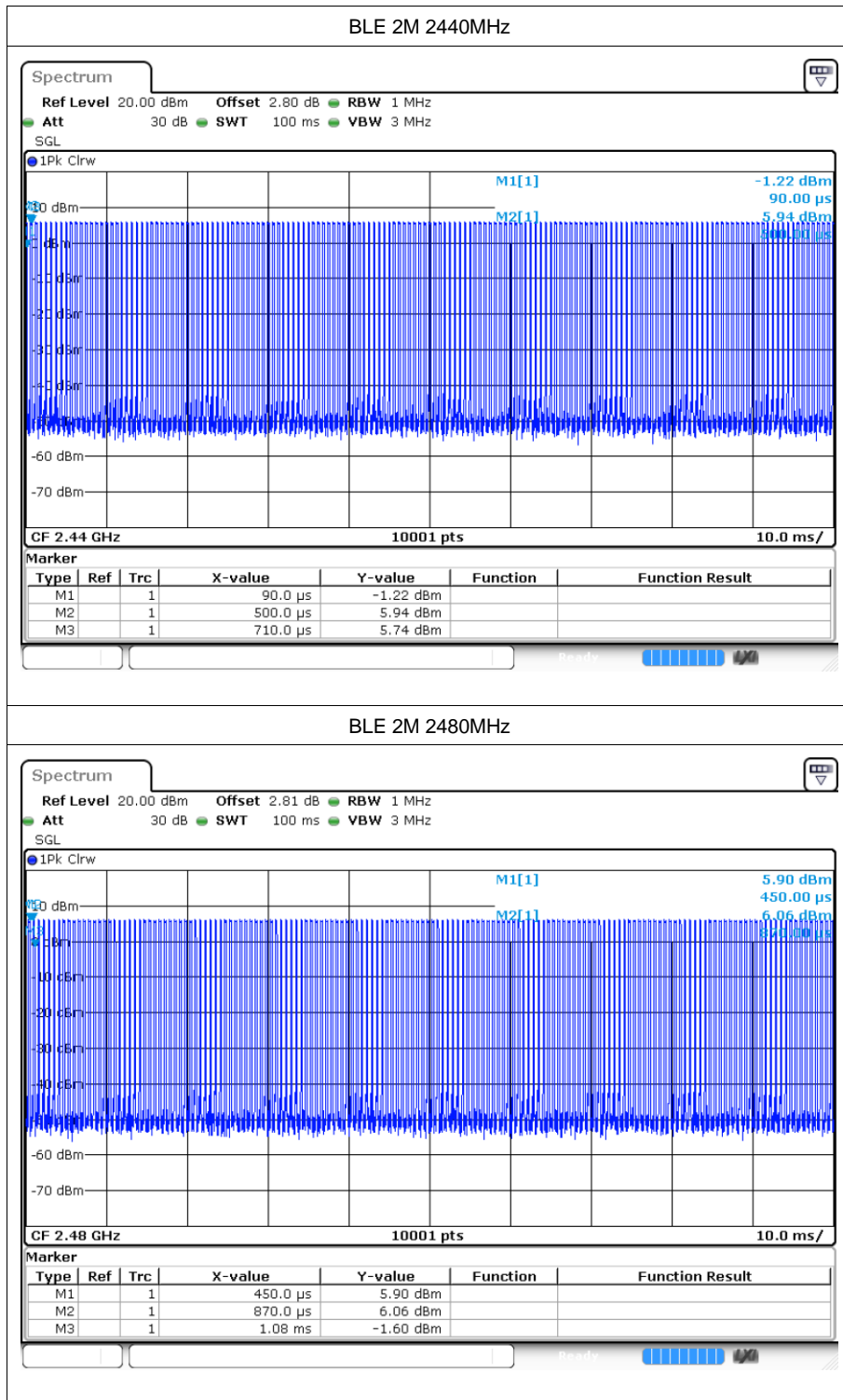
1.1 Test Result

| Mode | Frequency (MHz) | Duty Cycle (%) | 1/T (kHz) |
|--------|-----------------|----------------|-----------|
| BLE 1M | 2402 | 64 | 2.56 |
| BLE 1M | 2440 | 64.12 | 2.56 |
| BLE 1M | 2480 | 64 | 2.56 |
| BLE 2M | 2402 | 34.87 | 4.76 |
| BLE 2M | 2440 | 35.21 | 4.76 |
| BLE 2M | 2480 | 35.2 | 4.76 |

1.2 Test Graphs







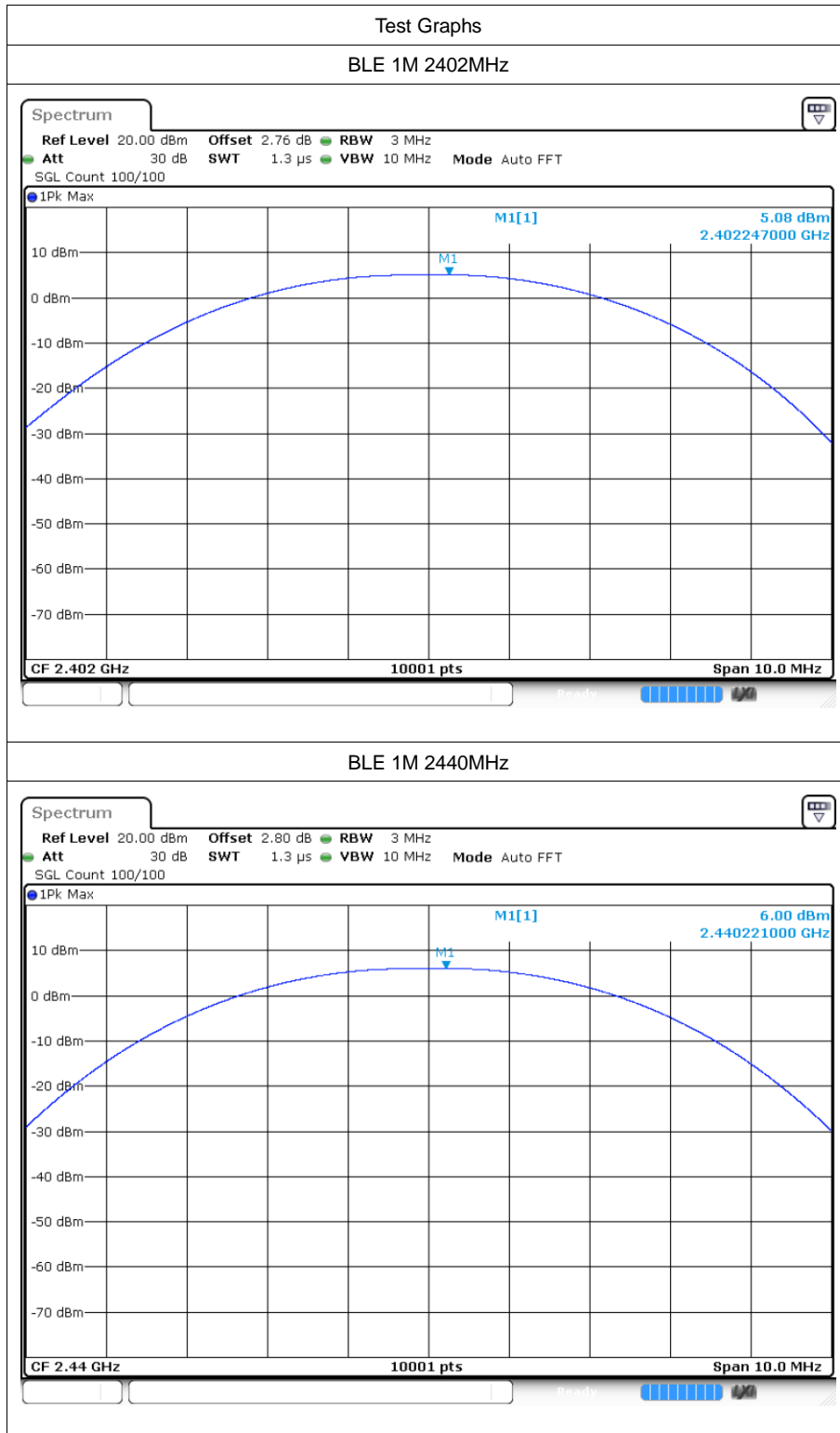


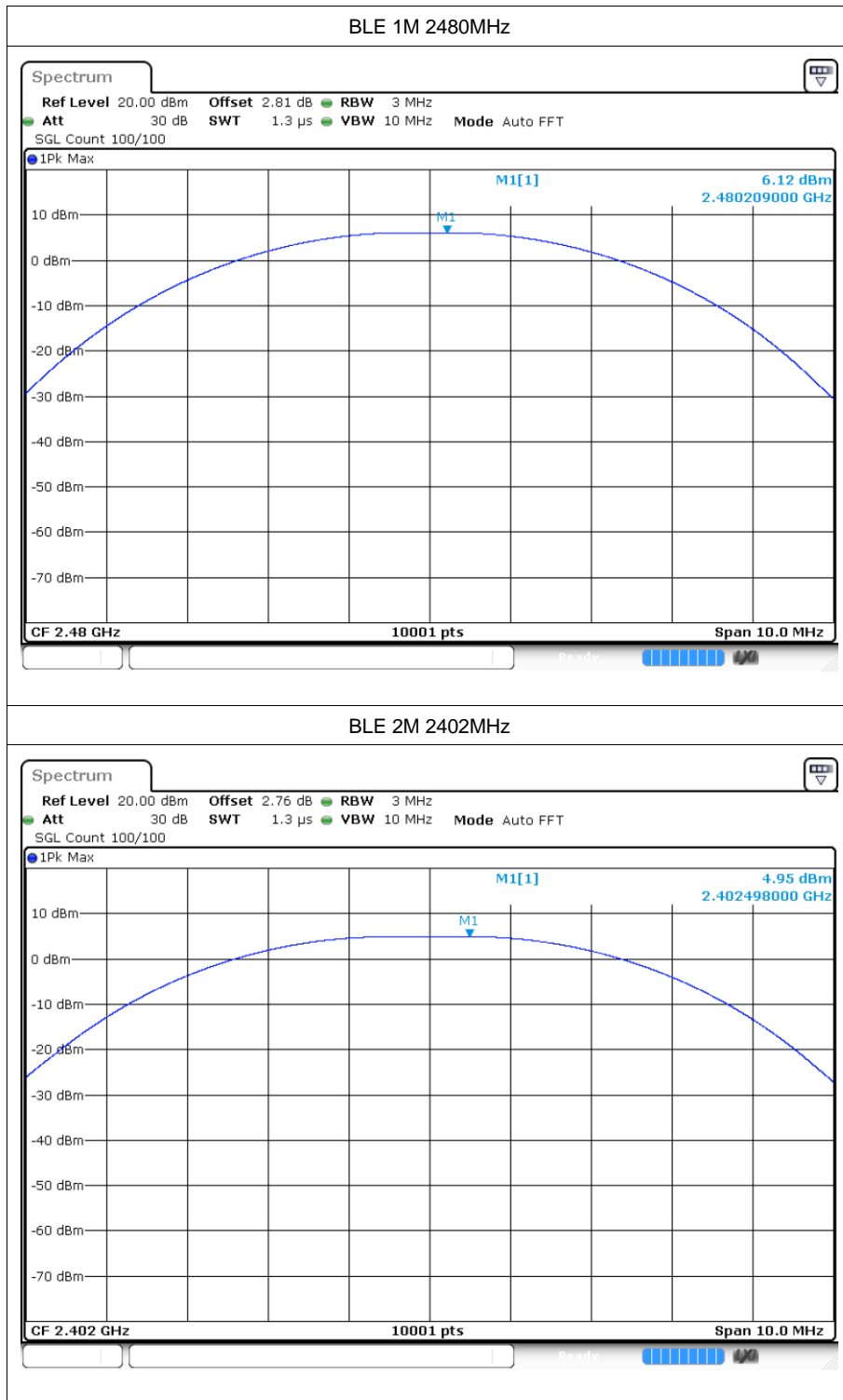
2 Maximum Conducted Output Power

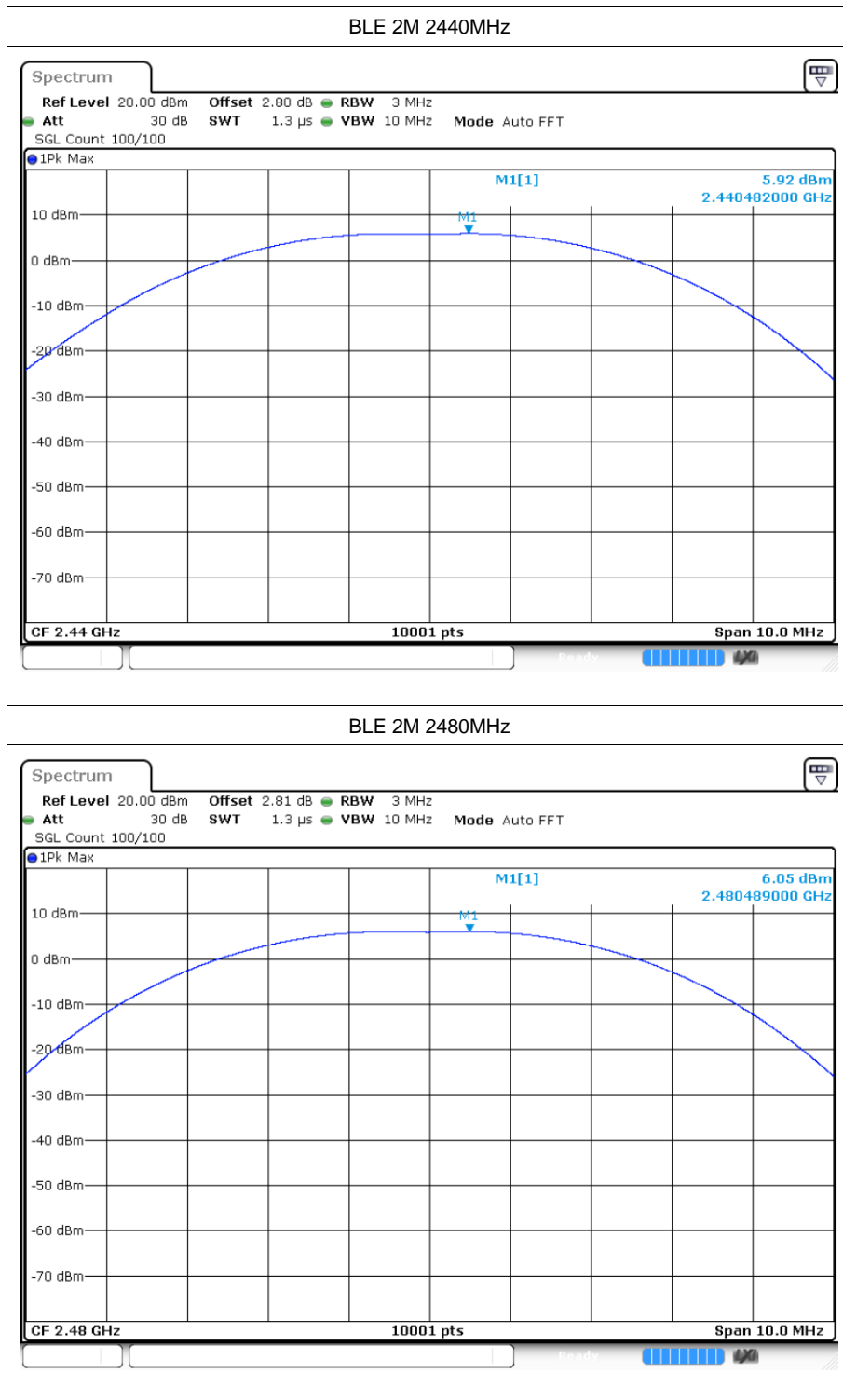
2.1 Test Result

| Mode | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Verdict |
|--------|-----------------|-----------------------|-------------|---------|
| BLE 1M | 2402 | 5.08 | 30 | Pass |
| BLE 1M | 2440 | 6 | 30 | Pass |
| BLE 1M | 2480 | 6.12 | 30 | Pass |
| BLE 2M | 2402 | 4.95 | 30 | Pass |
| BLE 2M | 2440 | 5.92 | 30 | Pass |
| BLE 2M | 2480 | 6.05 | 30 | Pass |

2.2 Test Graphs







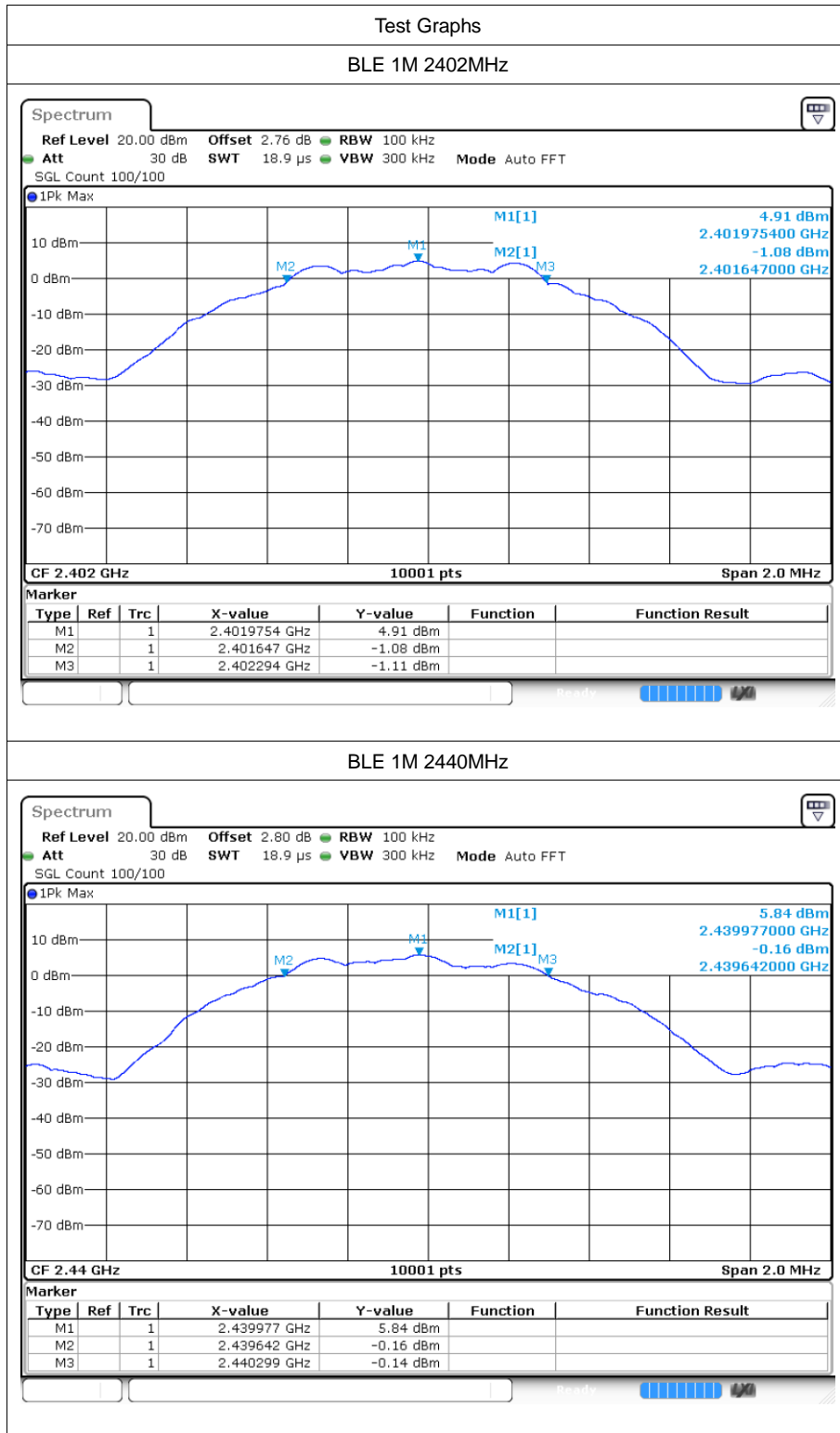


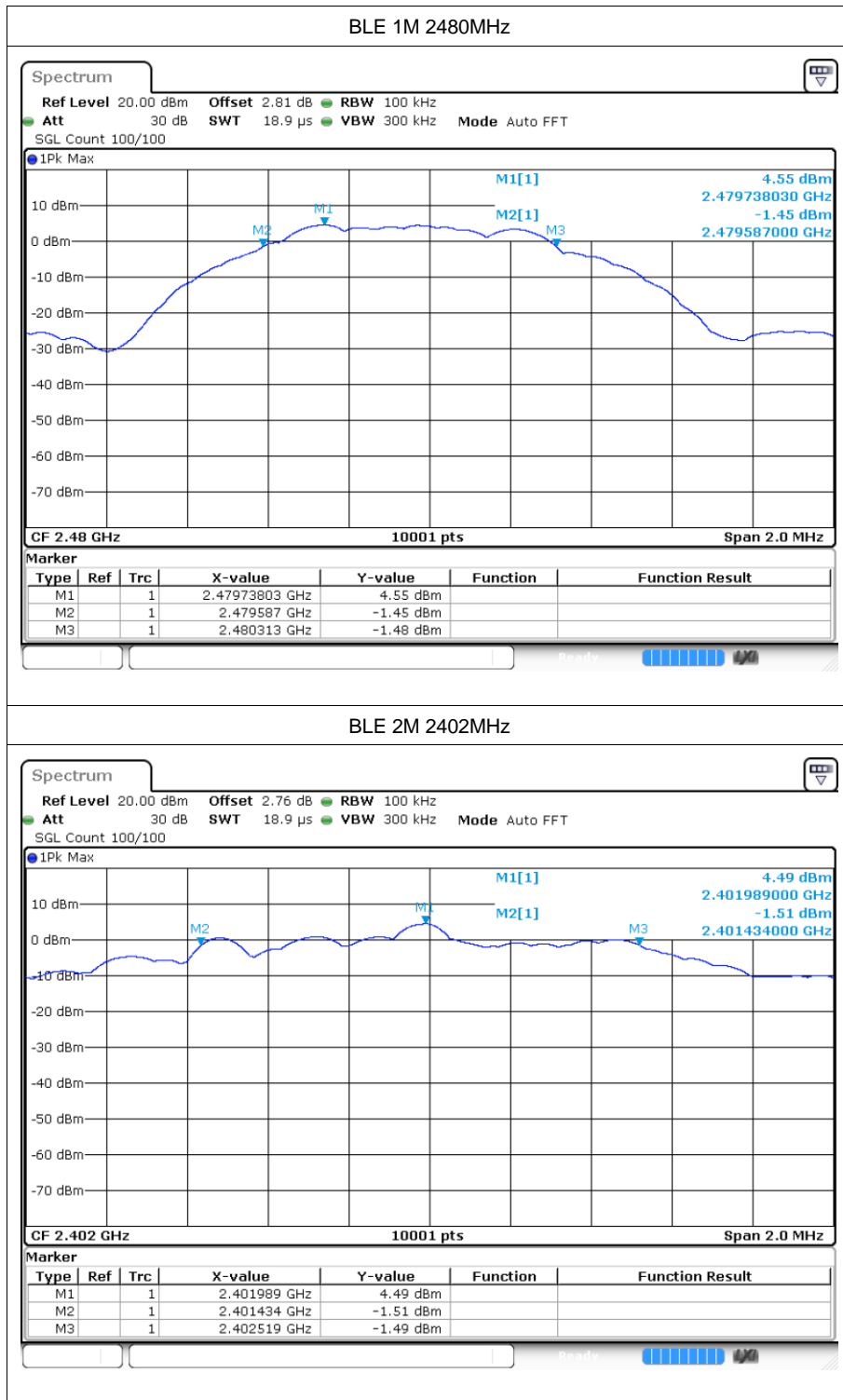
3 -6dB Bandwidth

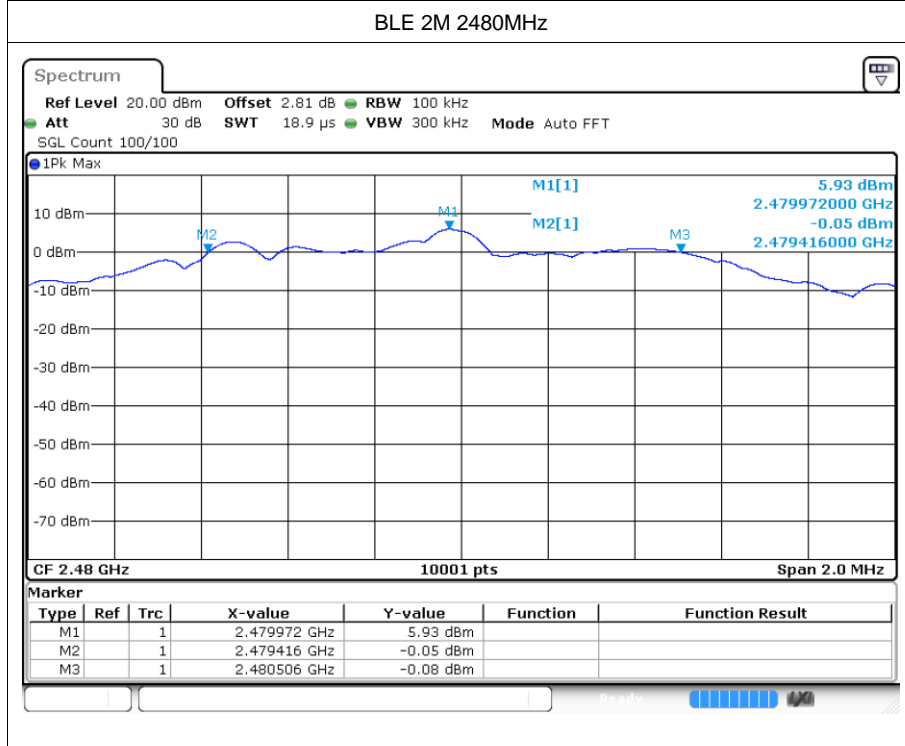
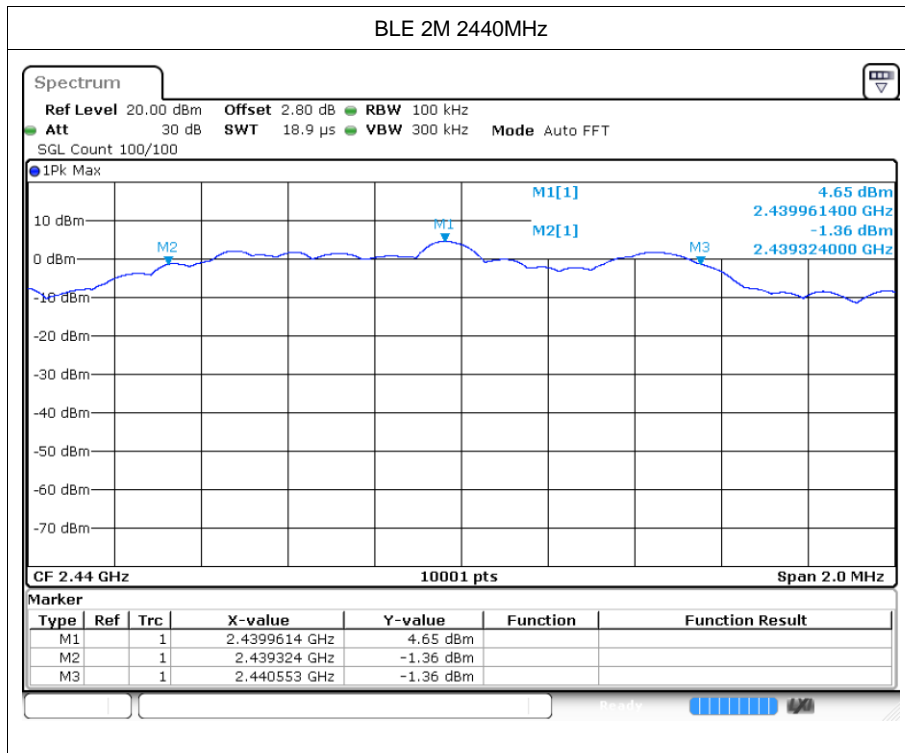
3.1 Test Result

| Mode | Frequency (MHz) | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|--------|-----------------|-----------------------|-----------------------------|---------|
| BLE 1M | 2402 | 0.647 | 0.5 | Pass |
| BLE 1M | 2440 | 0.657 | 0.5 | Pass |
| BLE 1M | 2480 | 0.726 | 0.5 | Pass |
| BLE 2M | 2402 | 1.085 | 0.5 | Pass |
| BLE 2M | 2440 | 1.23 | 0.5 | Pass |
| BLE 2M | 2480 | 1.09 | 0.5 | Pass |

3.2 Test Graphs





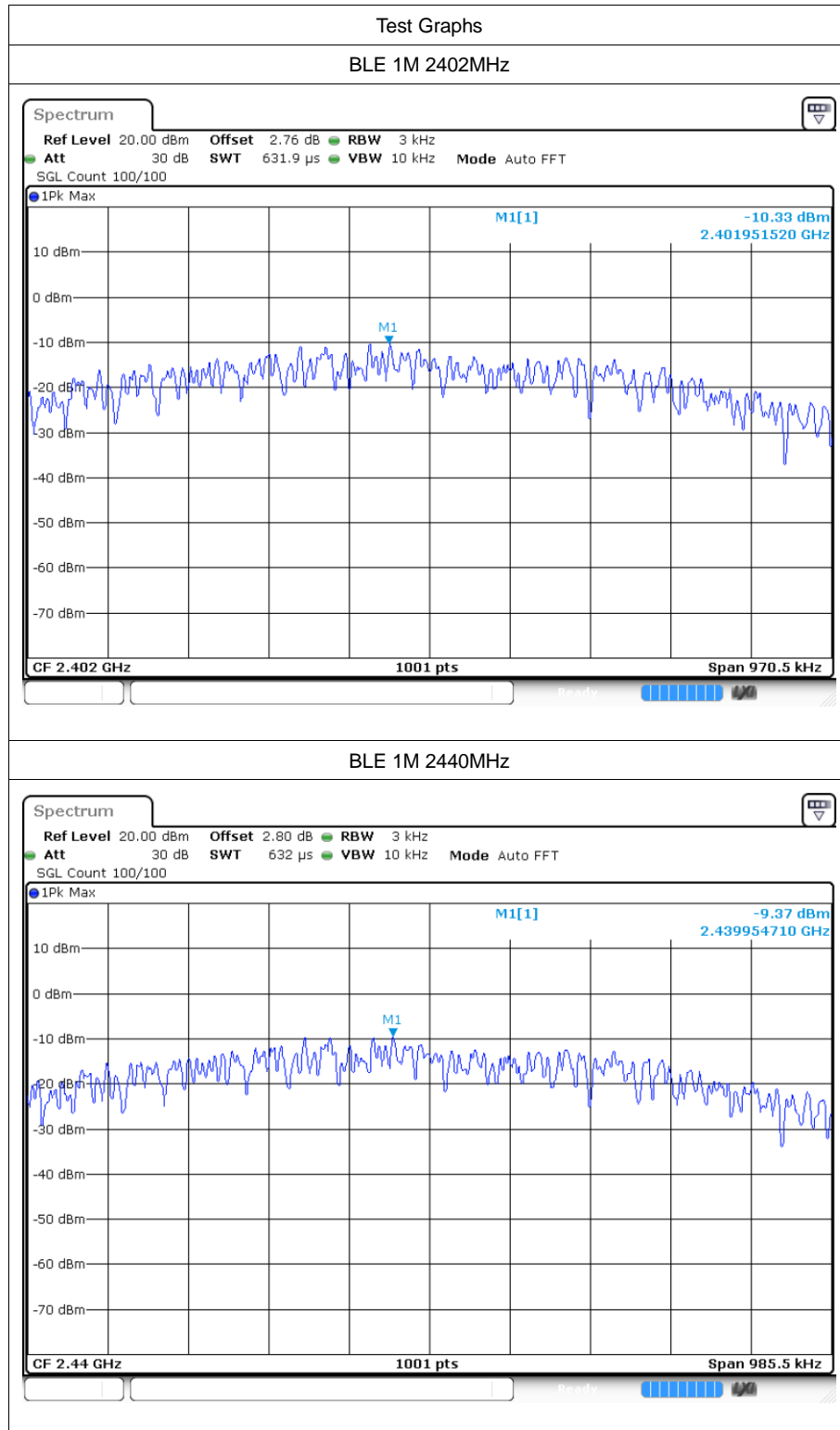


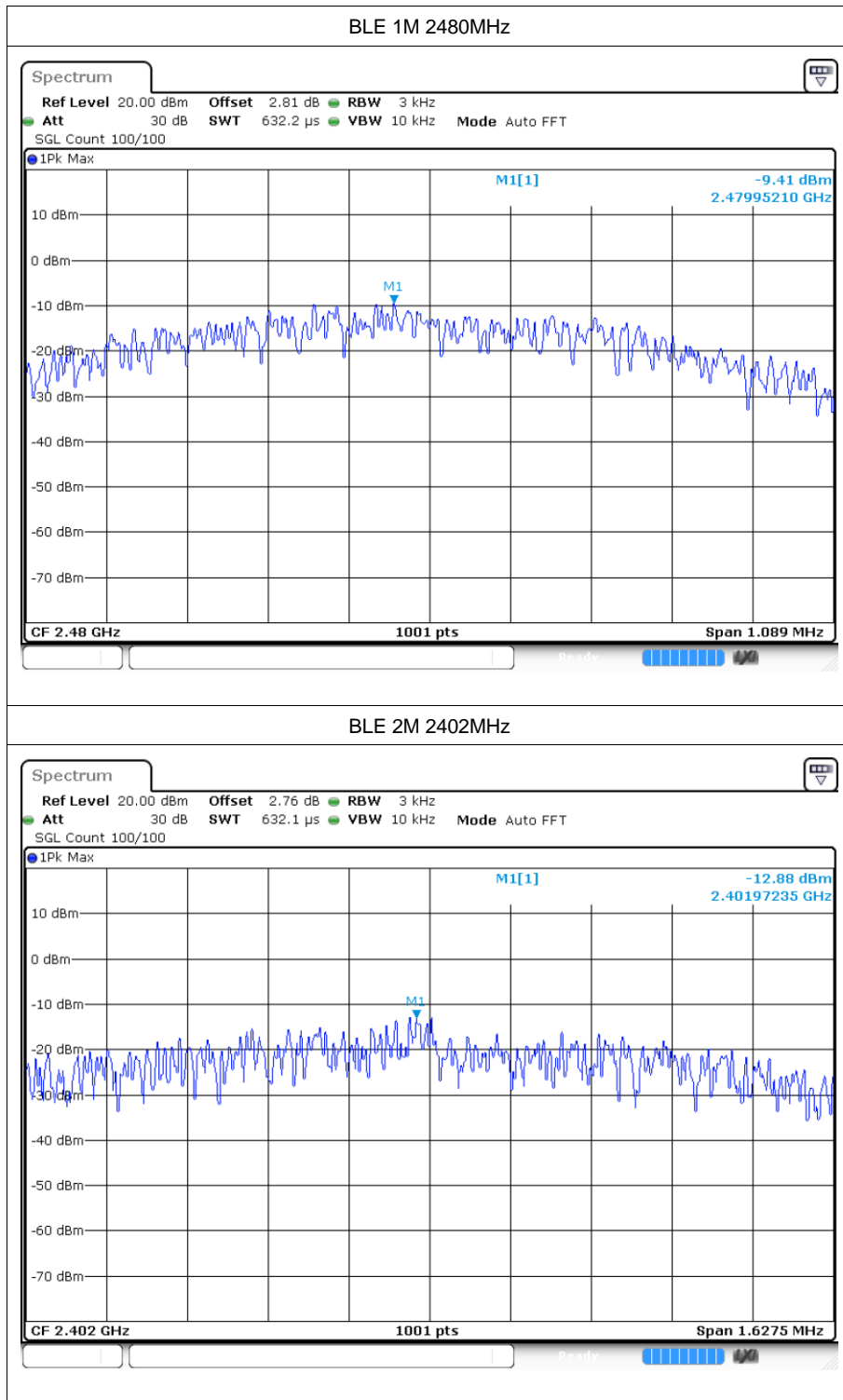
4 Maximum Power Spectral Density Level

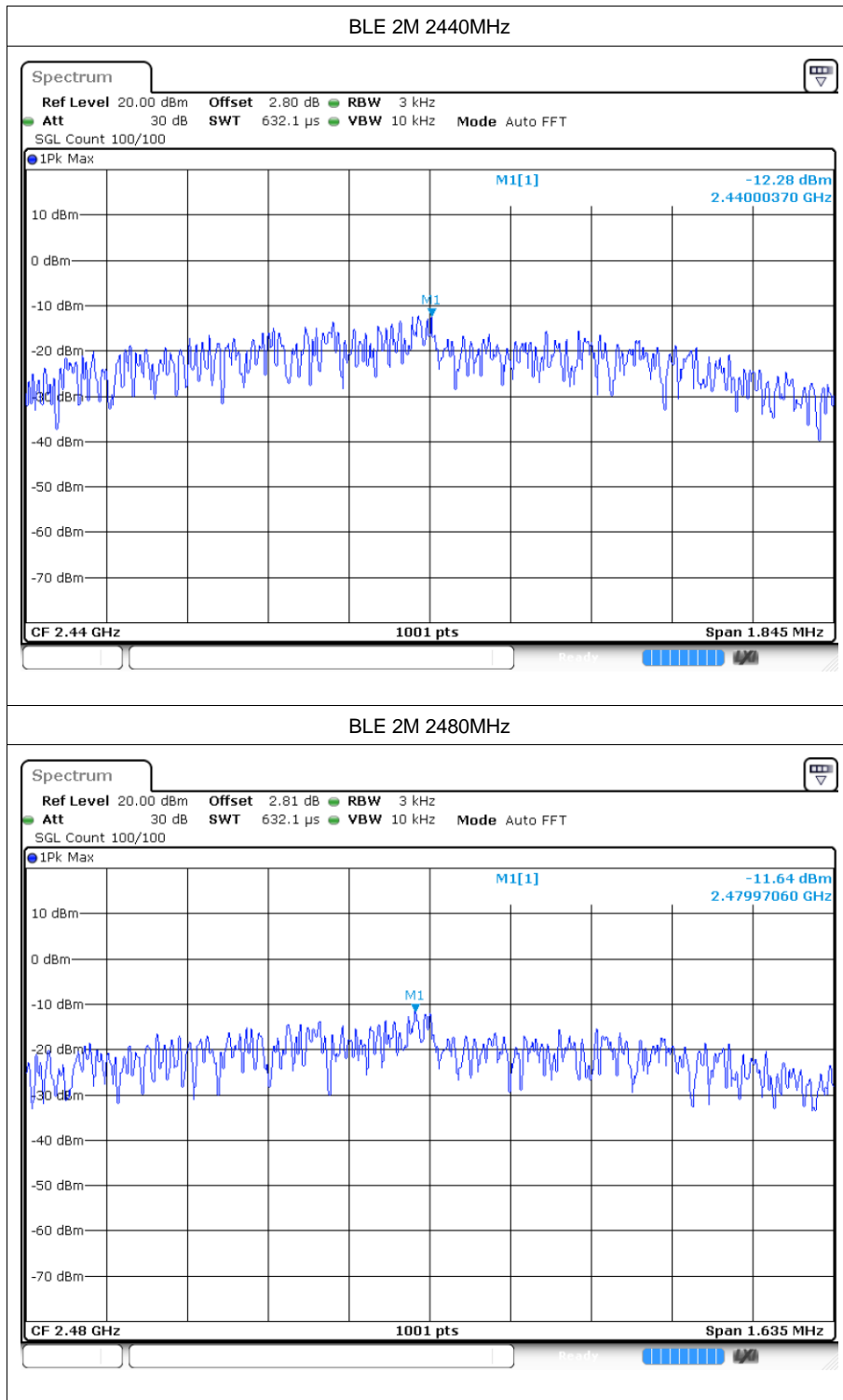
4.1 Test Result

| Mode | Frequency (MHz) | Conducted PSD (dBm/3-100kHz) | Limit (dBm/3kHz) | Verdict |
|--------|-----------------|---------------------------------|---------------------|---------|
| BLE 1M | 2402 | -10.33 | ≤ 8 | Pass |
| BLE 1M | 2440 | -9.37 | ≤ 8 | Pass |
| BLE 1M | 2480 | -9.41 | ≤ 8 | Pass |
| BLE 2M | 2402 | -12.88 | ≤ 8 | Pass |
| BLE 2M | 2440 | -12.28 | ≤ 8 | Pass |
| BLE 2M | 2480 | -11.64 | ≤ 8 | Pass |

4.2 Test Graphs







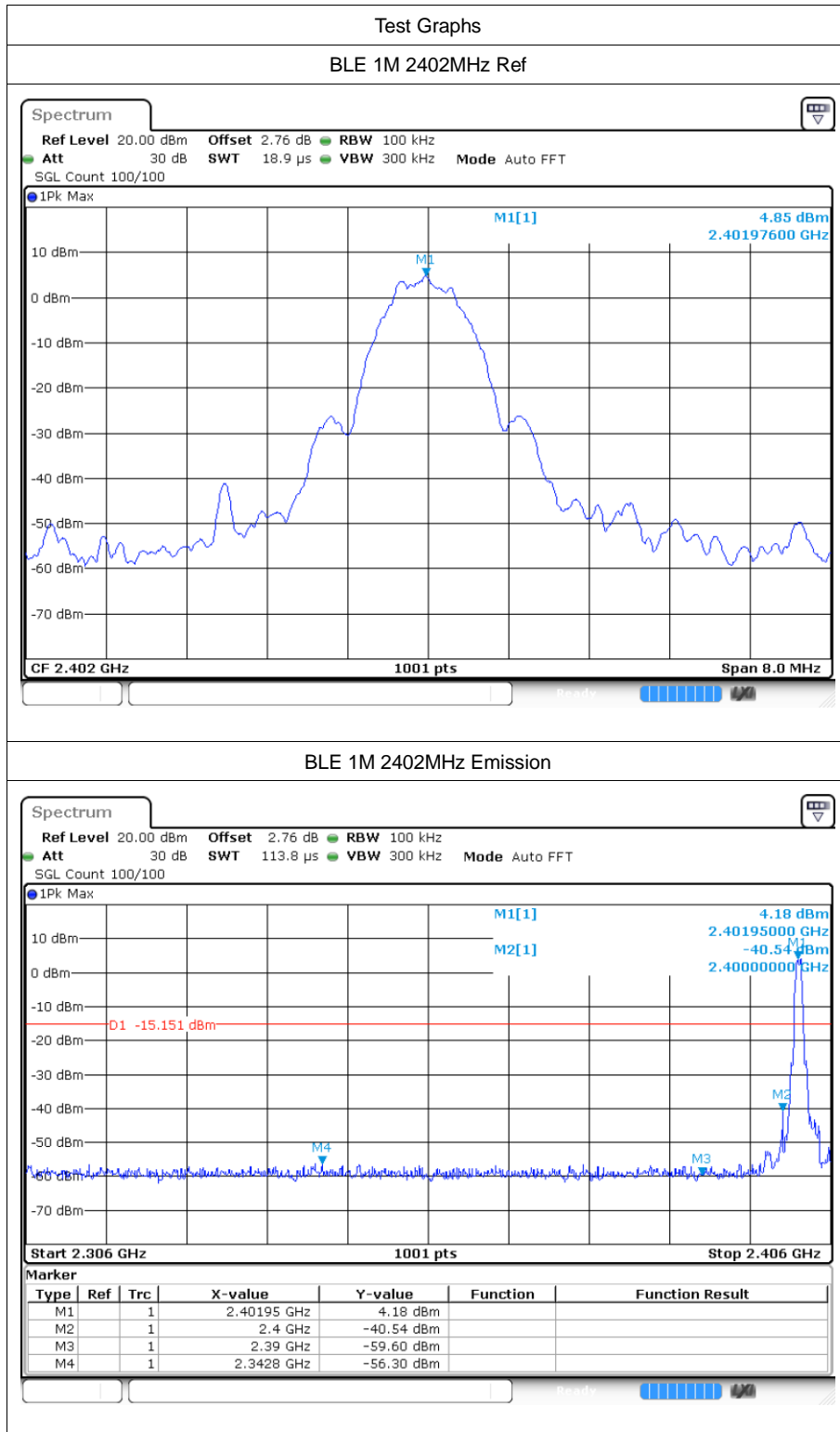


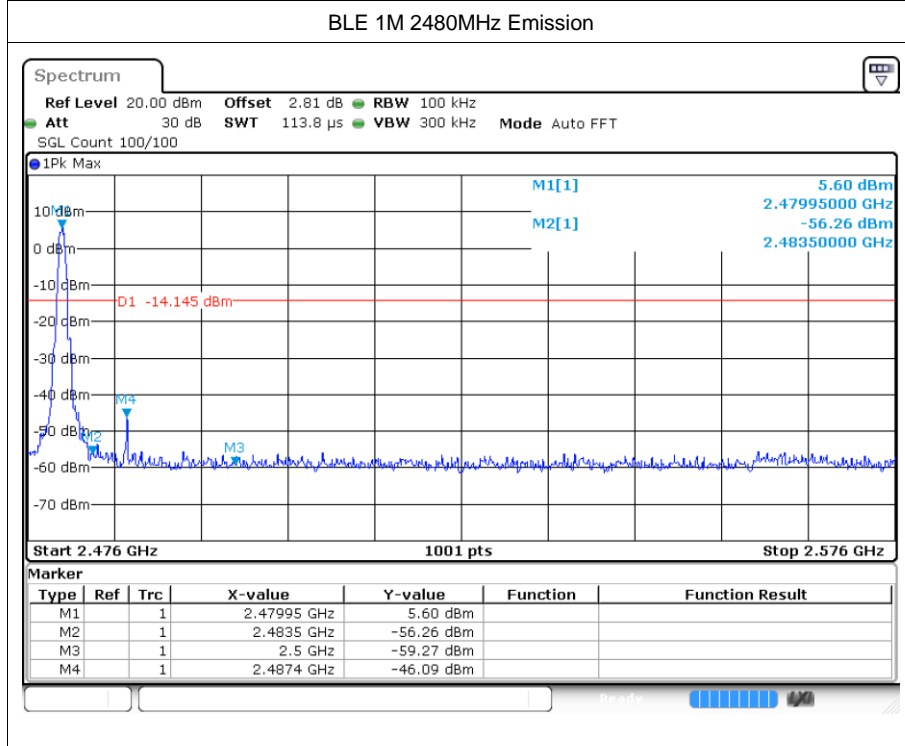
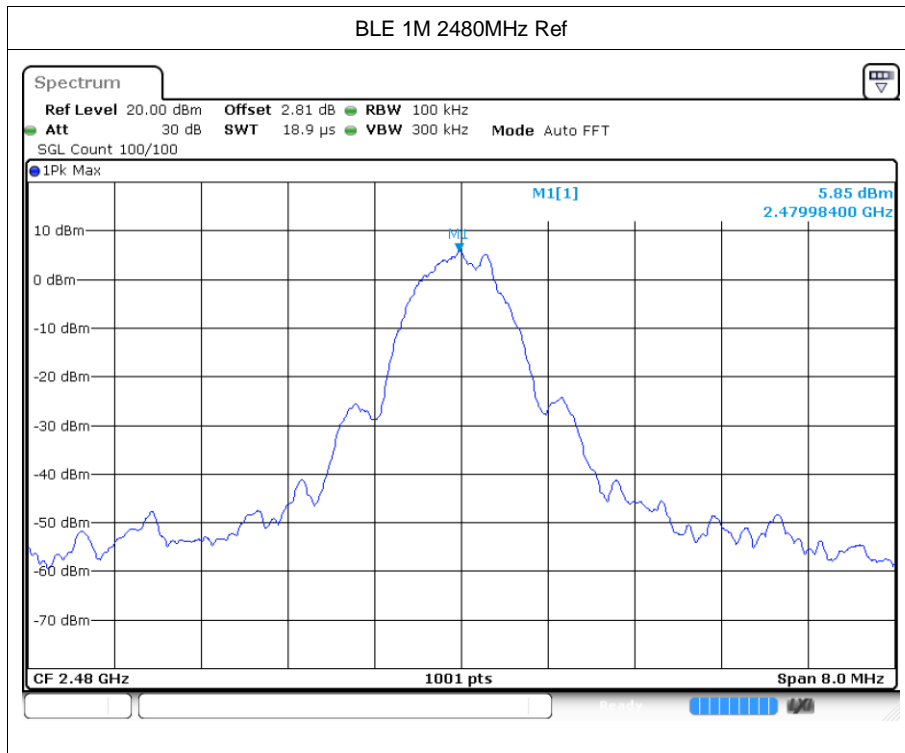
5 Band Edge

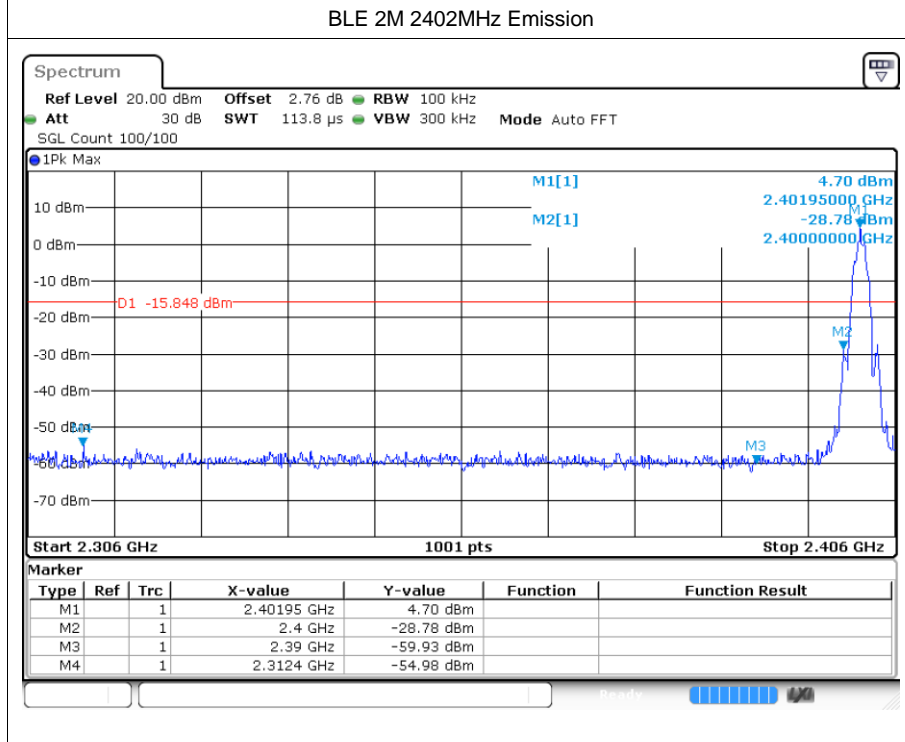
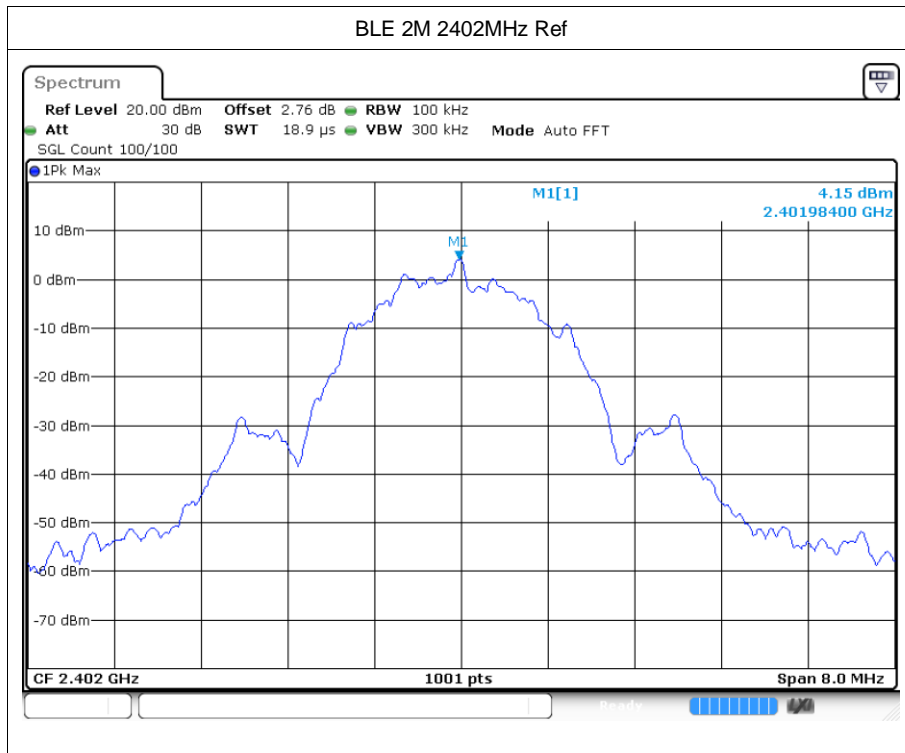
5.1 Test Result

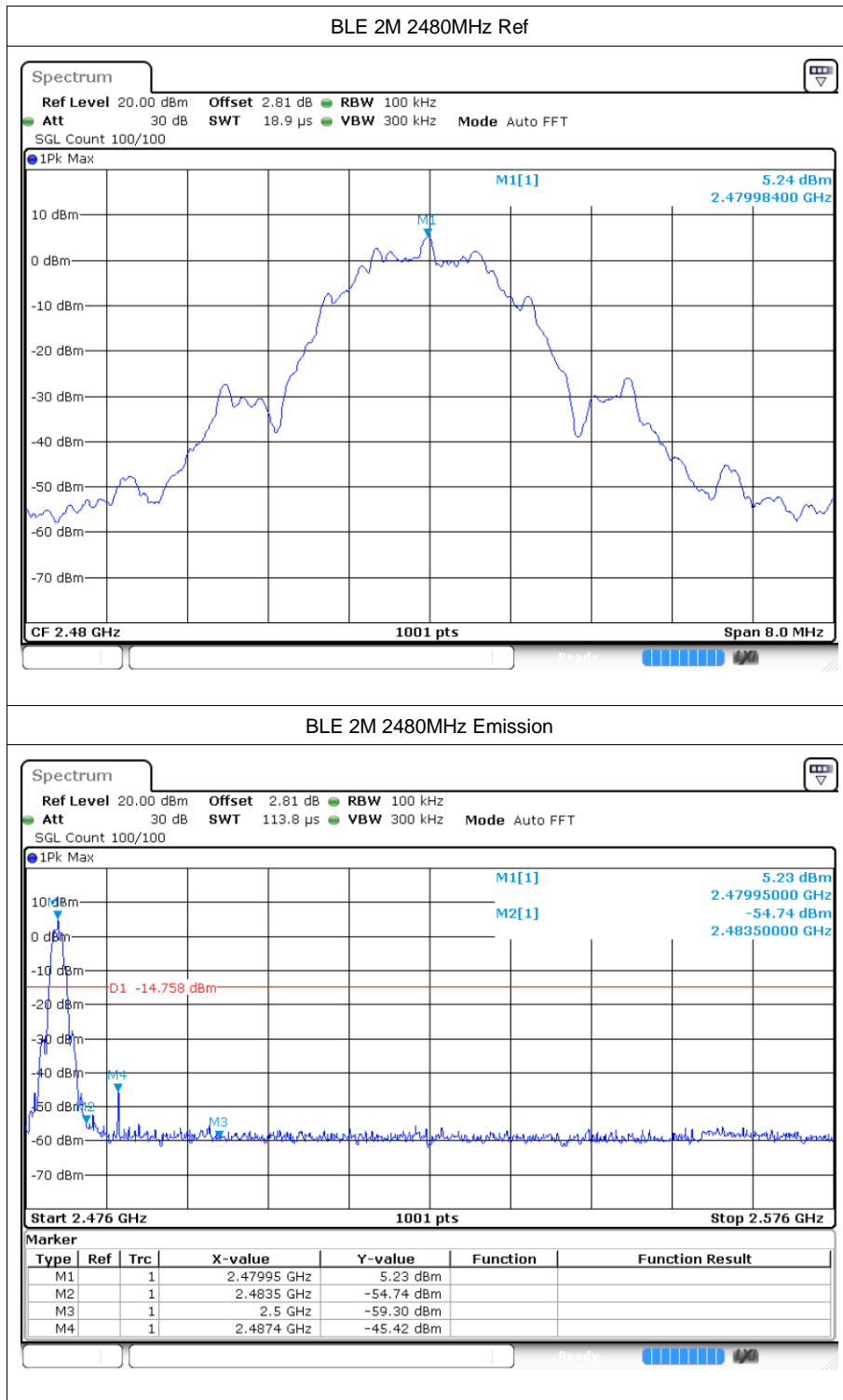
| Mode | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|--------|-----------------|-----------------|-------------|---------|
| BLE 1M | 2402 | -61.15 | -20 | Pass |
| BLE 1M | 2480 | -51.94 | -20 | Pass |
| BLE 2M | 2402 | -59.13 | -20 | Pass |
| BLE 2M | 2480 | -50.65 | -20 | Pass |

5.2 Test Graphs









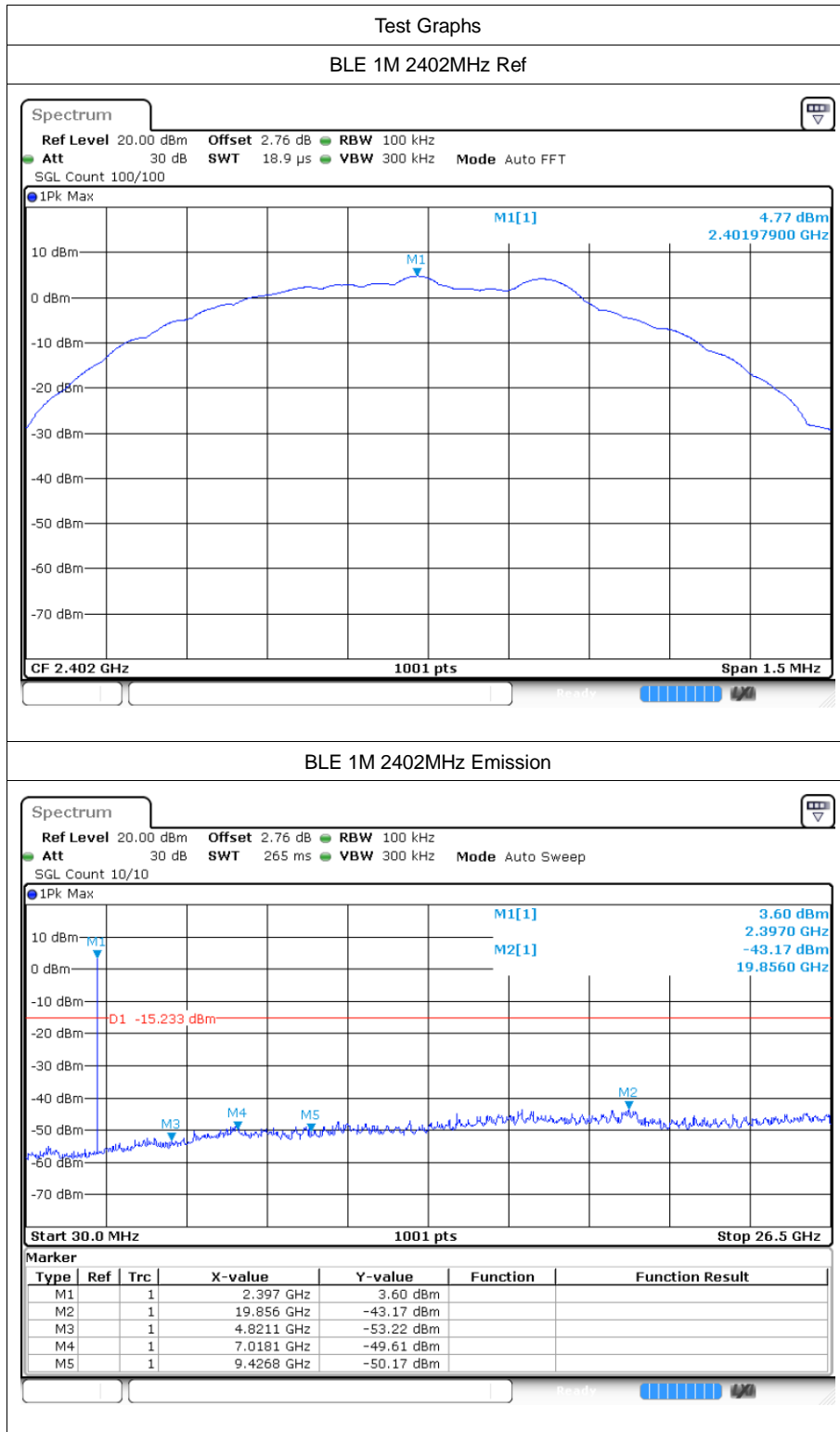


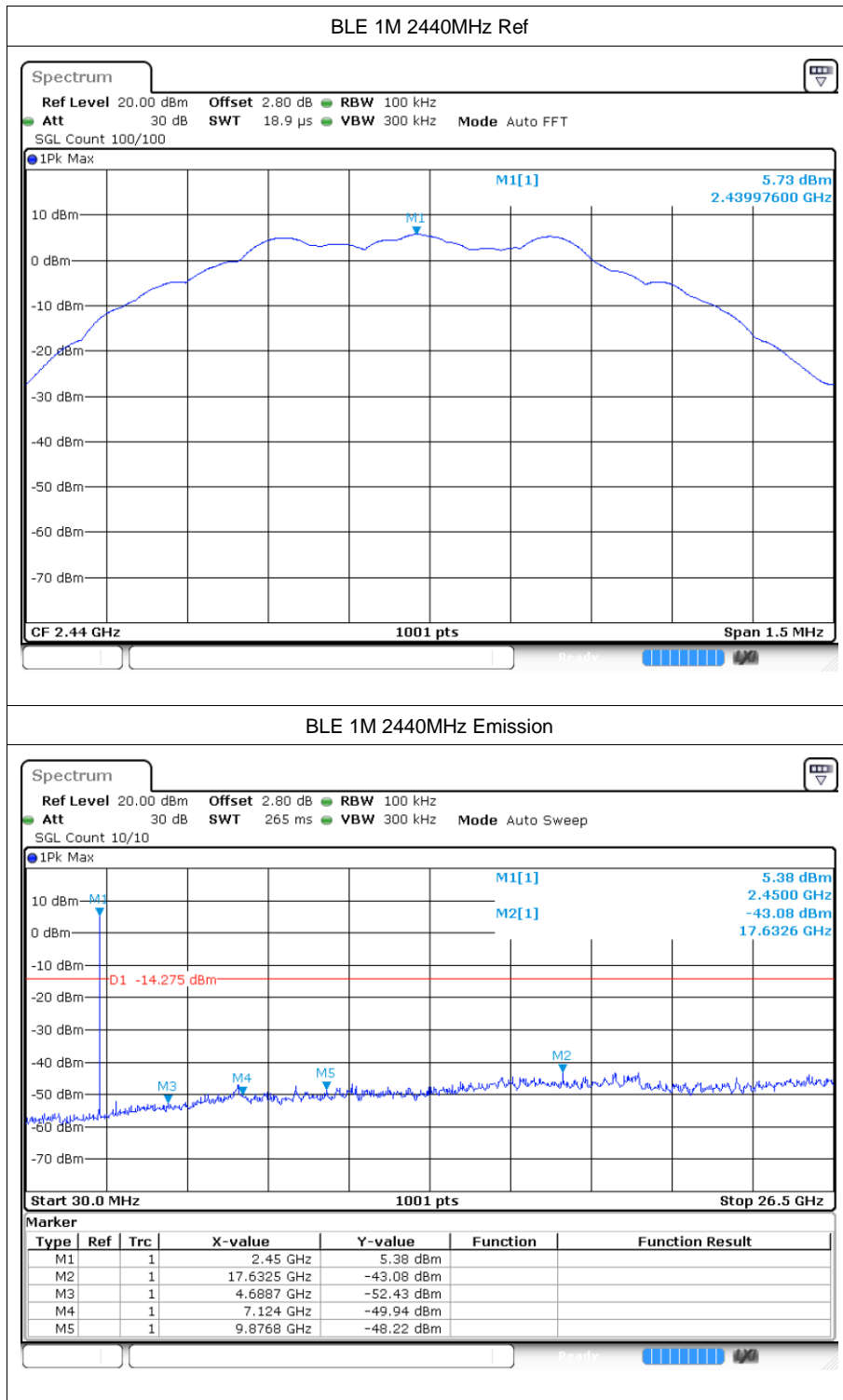
6 Conducted RF Spurious Emission

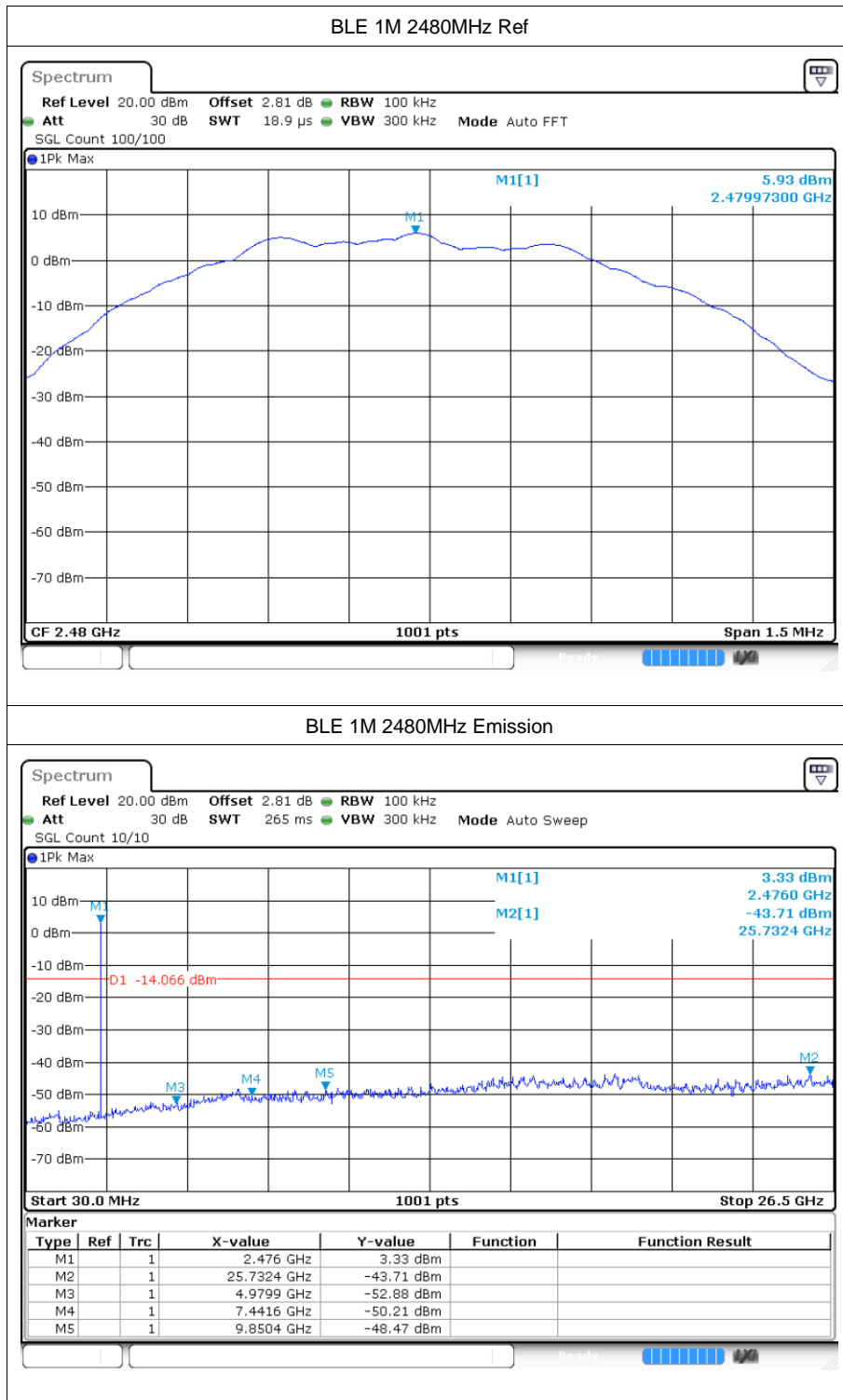
6.1 Test Result

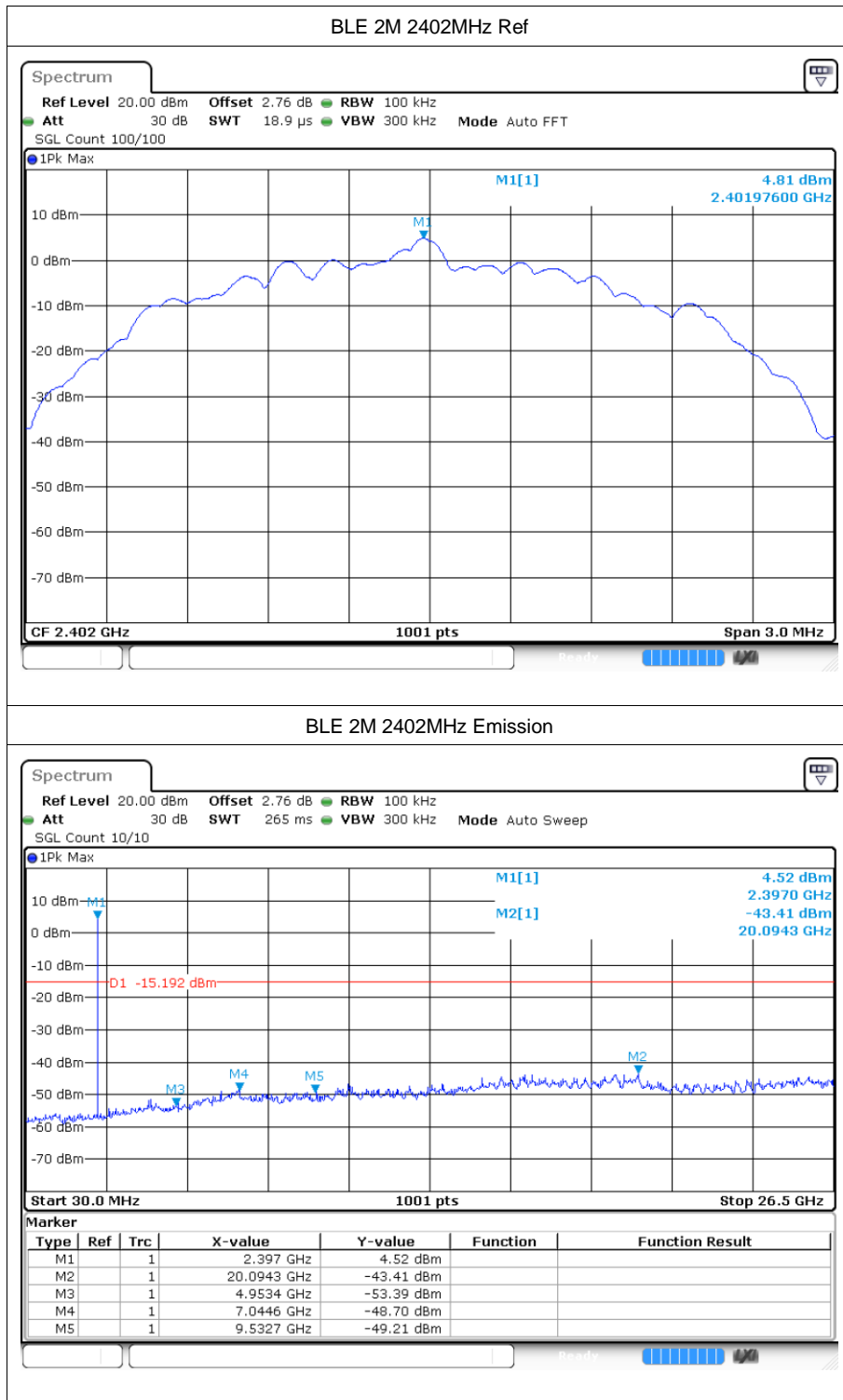
| Mode | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|--------|-----------------|-----------------|-------------|---------|
| BLE 1M | 2402 | -47.93 | -20 | Pass |
| BLE 1M | 2440 | -48.8 | -20 | Pass |
| BLE 1M | 2480 | -49.64 | -20 | Pass |
| BLE 2M | 2402 | -48.22 | -20 | Pass |
| BLE 2M | 2440 | -48.63 | -20 | Pass |
| BLE 2M | 2480 | -48.19 | -20 | Pass |

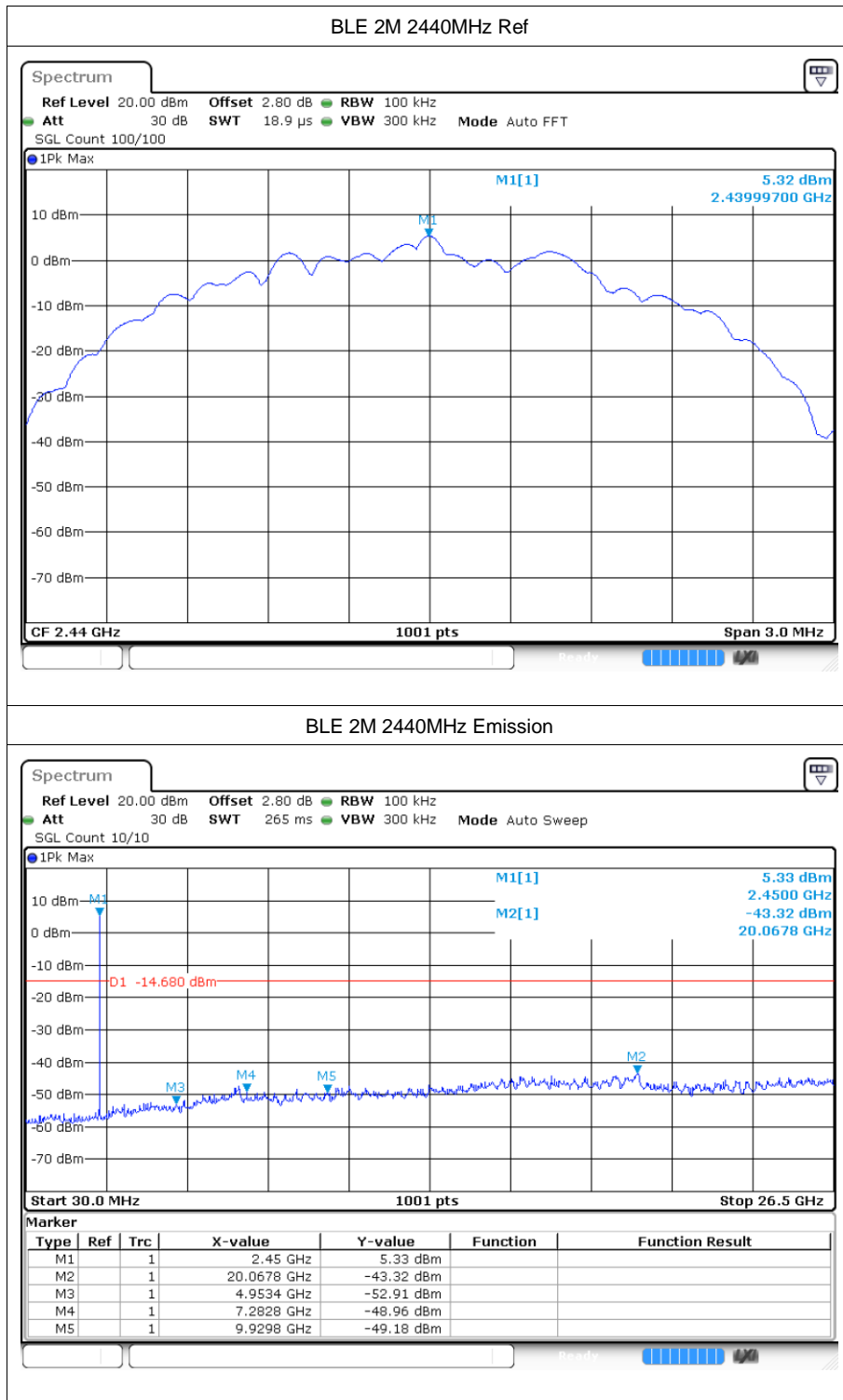
6.2 Test Graphs

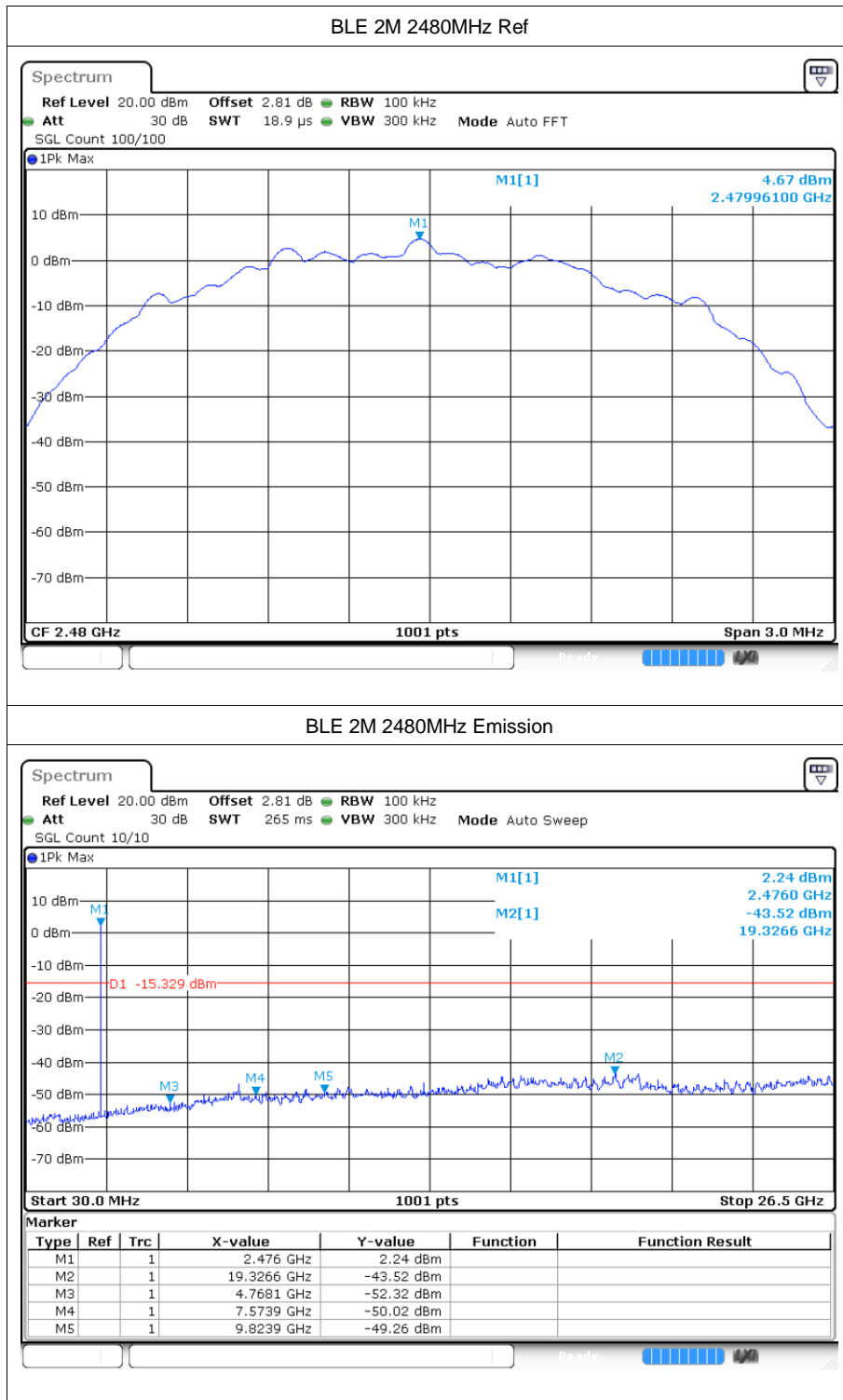












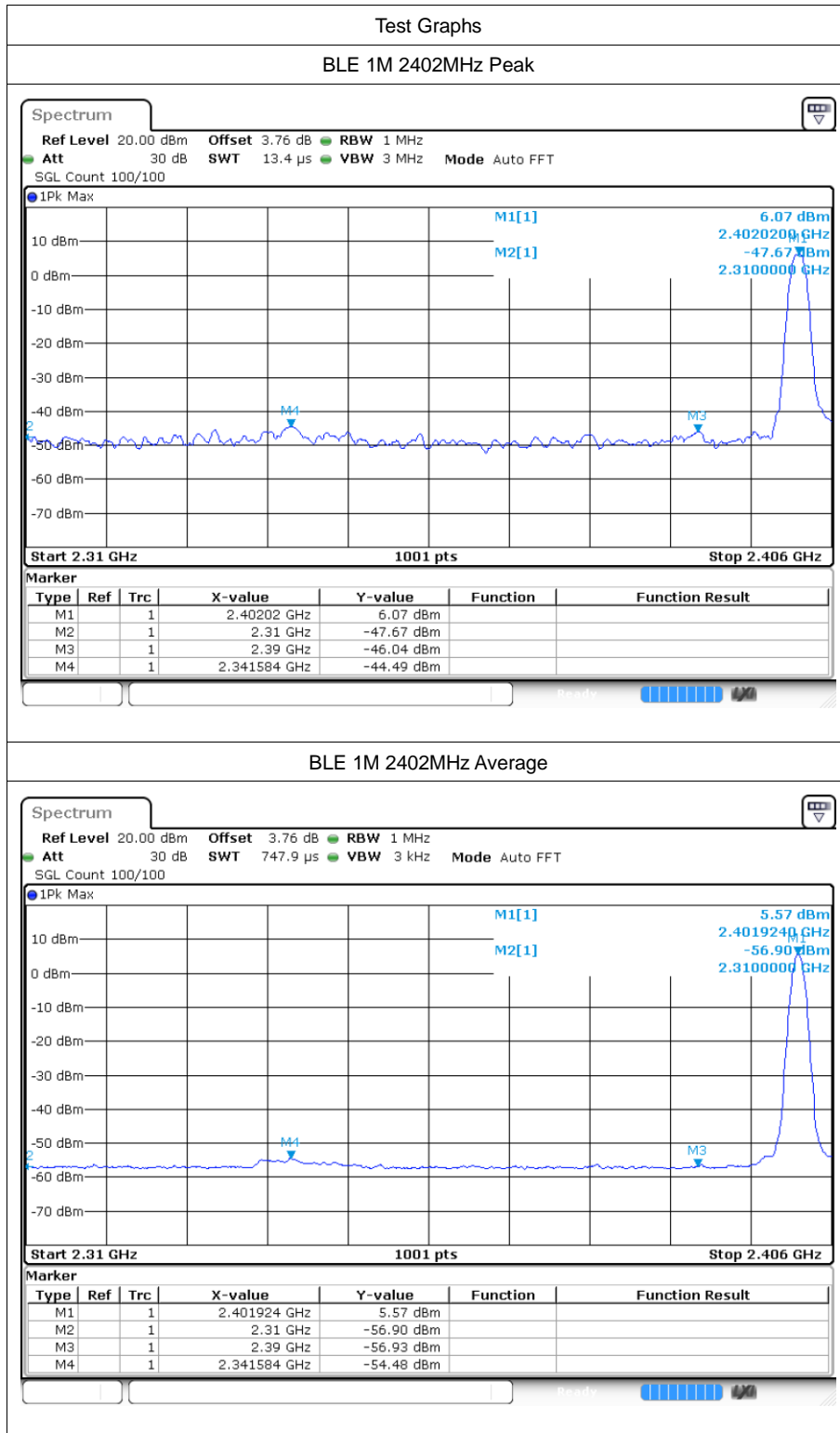


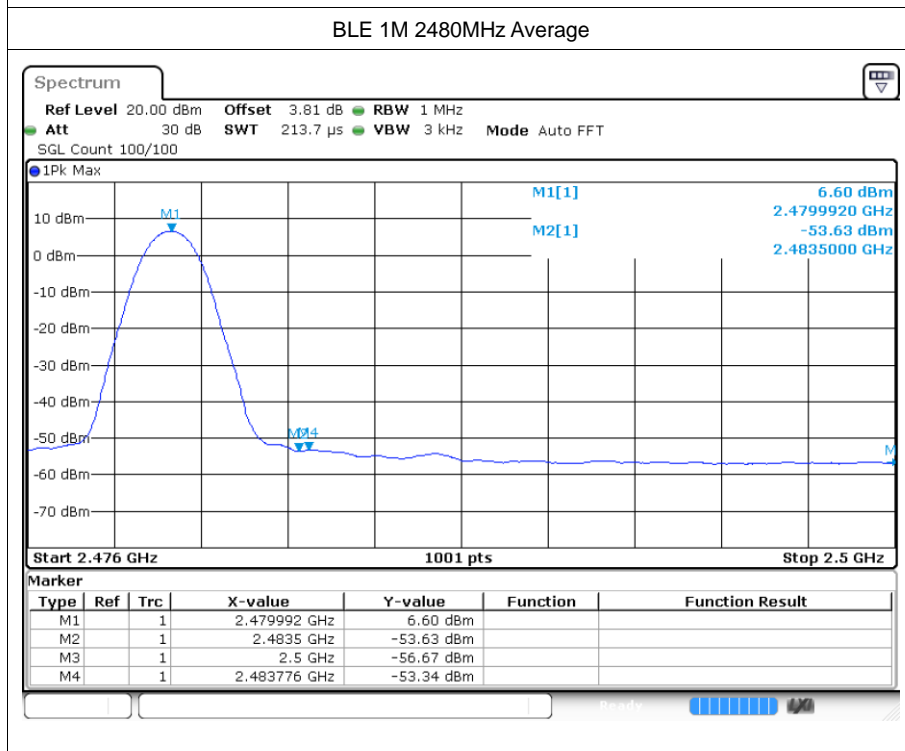
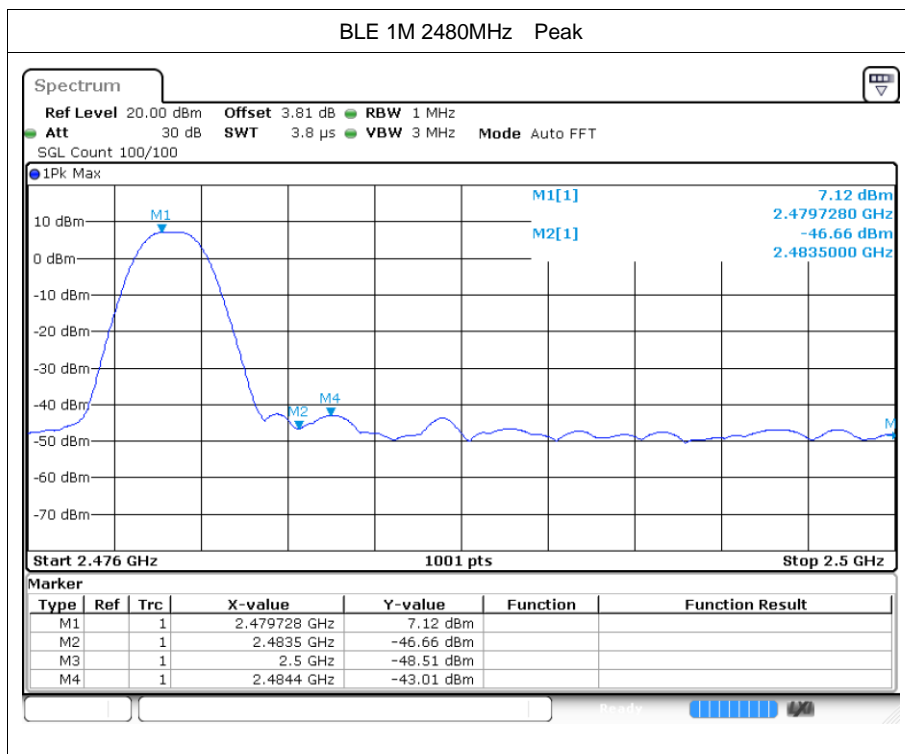
7 Restrict Band

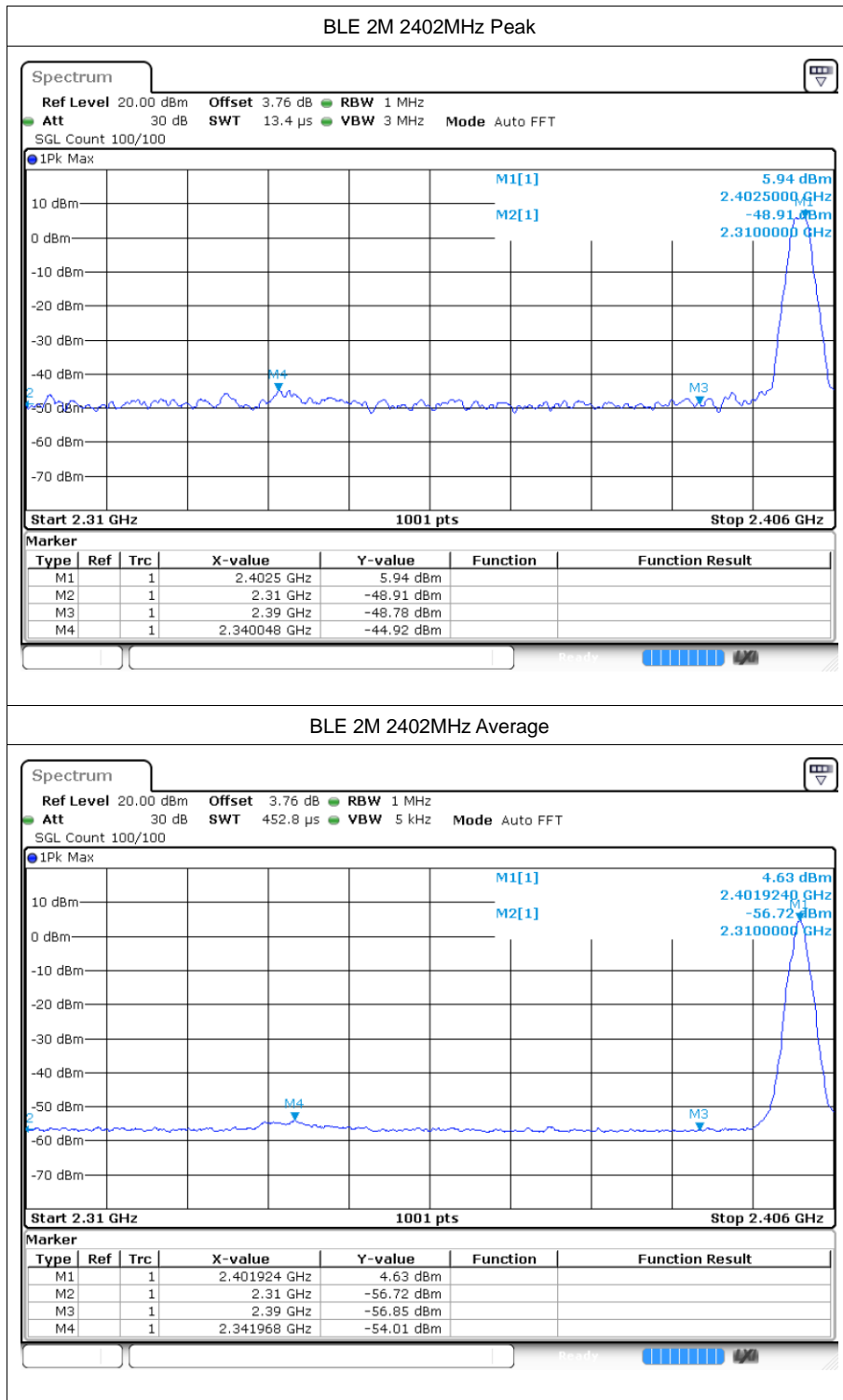
7.1 Test Result

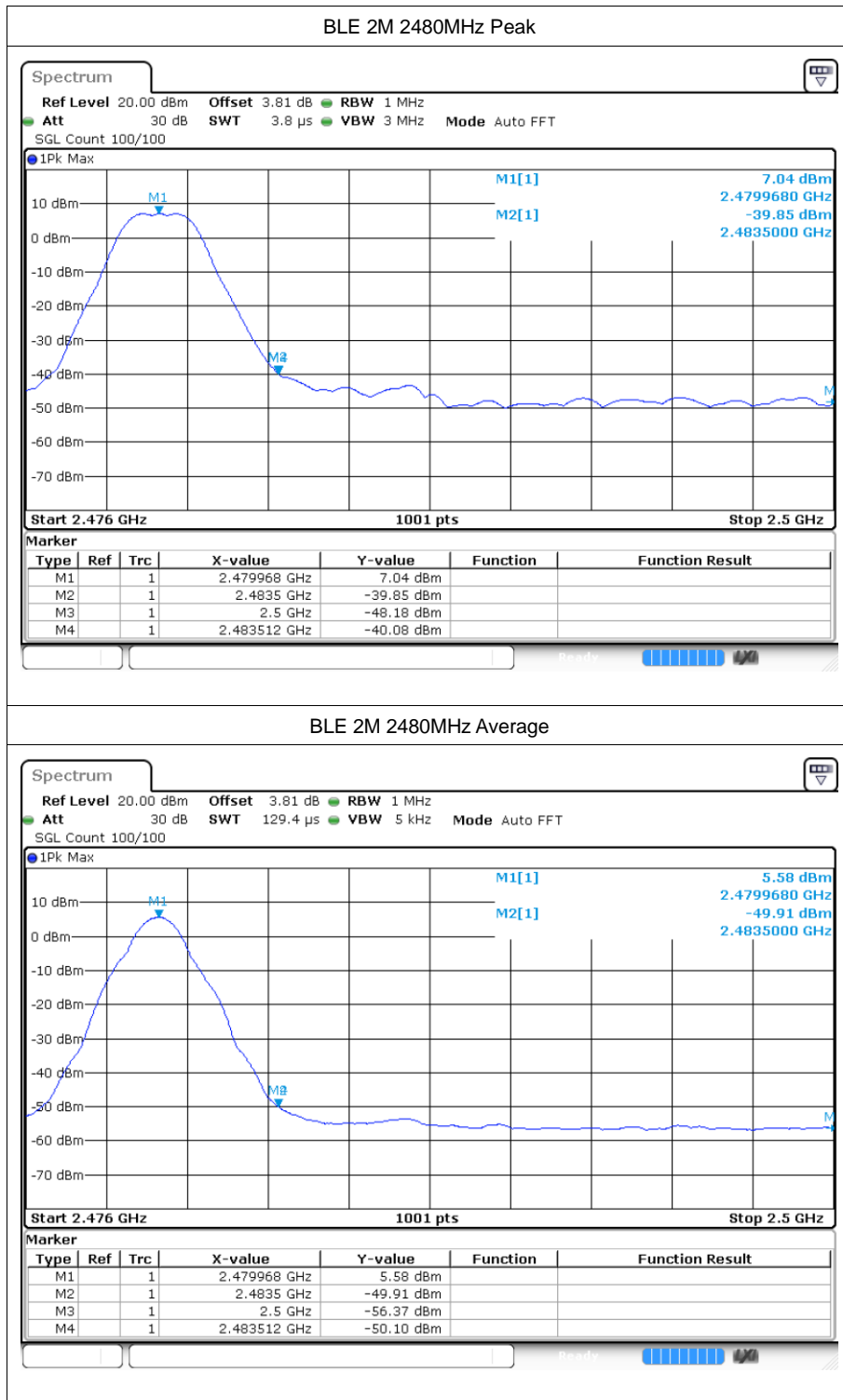
| Mode | Frequency (MHz) | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|--------|-----------------|-----------------|-------------|------------|------------|----------|----------------|---------|
| BLE 1M | 2402 | 2310 | -47.66 | 3.743 | 51.31 | Peak | 74 | Pass |
| BLE 1M | 2402 | 2310 | -56.89 | 3.743 | 42.08 | Average | 54 | Pass |
| BLE 1M | 2402 | 2341.584 | -44.49 | 3.743 | 54.48 | Peak | 74 | Pass |
| BLE 1M | 2402 | 2341.584 | -54.47 | 3.743 | 44.50 | Average | 54 | Pass |
| BLE 1M | 2402 | 2390 | -46.03 | 3.743 | 52.94 | Peak | 74 | Pass |
| BLE 1M | 2402 | 2390 | -56.92 | 3.743 | 42.05 | Average | 54 | Pass |
| BLE 1M | 2480 | 2483.5 | -46.72 | 3.743 | 52.25 | Peak | 74 | Pass |
| BLE 1M | 2480 | 2483.5 | -53.6 | 3.743 | 45.37 | Average | 54 | Pass |
| BLE 1M | 2480 | 2484.4 | -43 | 3.743 | 55.97 | Peak | 74 | Pass |
| BLE 1M | 2480 | 2483.776 | -53.33 | 3.743 | 45.64 | Average | 54 | Pass |
| BLE 1M | 2480 | 2500 | -48.51 | 3.743 | 50.46 | Peak | 74 | Pass |
| BLE 1M | 2480 | 2500 | -56.67 | 3.743 | 42.30 | Average | 54 | Pass |
| BLE 2M | 2402 | 2310 | -48.9 | 3.743 | 50.07 | Peak | 74 | Pass |
| BLE 2M | 2402 | 2310 | -56.71 | 3.743 | 42.26 | Average | 54 | Pass |
| BLE 2M | 2402 | 2340.048 | -44.91 | 3.743 | 54.06 | Peak | 74 | Pass |
| BLE 2M | 2402 | 2341.968 | -54.01 | 3.743 | 44.96 | Average | 54 | Pass |
| BLE 2M | 2402 | 2390 | -48.77 | 3.743 | 50.20 | Peak | 74 | Pass |
| BLE 2M | 2402 | 2390 | -56.84 | 3.743 | 42.13 | Average | 54 | Pass |
| BLE 2M | 2480 | 2483.5 | -40.07 | 3.743 | 58.90 | Peak | 74 | Pass |
| BLE 2M | 2480 | 2483.5 | -50.1 | 3.743 | 48.87 | Average | 54 | Pass |
| BLE 2M | 2480 | 2483.512 | -40.07 | 3.743 | 58.90 | Peak | 74 | Pass |
| BLE 2M | 2480 | 2483.512 | -50.1 | 3.743 | 48.87 | Average | 54 | Pass |
| BLE 2M | 2480 | 2500 | -48.18 | 3.743 | 50.79 | Peak | 74 | Pass |
| BLE 2M | 2480 | 2500 | -56.36 | 3.743 | 42.61 | Average | 54 | Pass |

7.2 Test Graphs









---The End---