

Appendix Test Data

|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No:       | 1812C40029212501 | Test Sample NO:    | 1-2-2       |
| Start Test Date: | 2024.9.10        | Finish Test Date:  | 2024.9.10   |
| Test Engineer:   | Joker Huang      | Auditor:           | Justin Feng |
| Temperature:     | 26.3°C           | Relative Humidity: | 45%         |
| Pressure:        | 101 kPa          |                    |             |

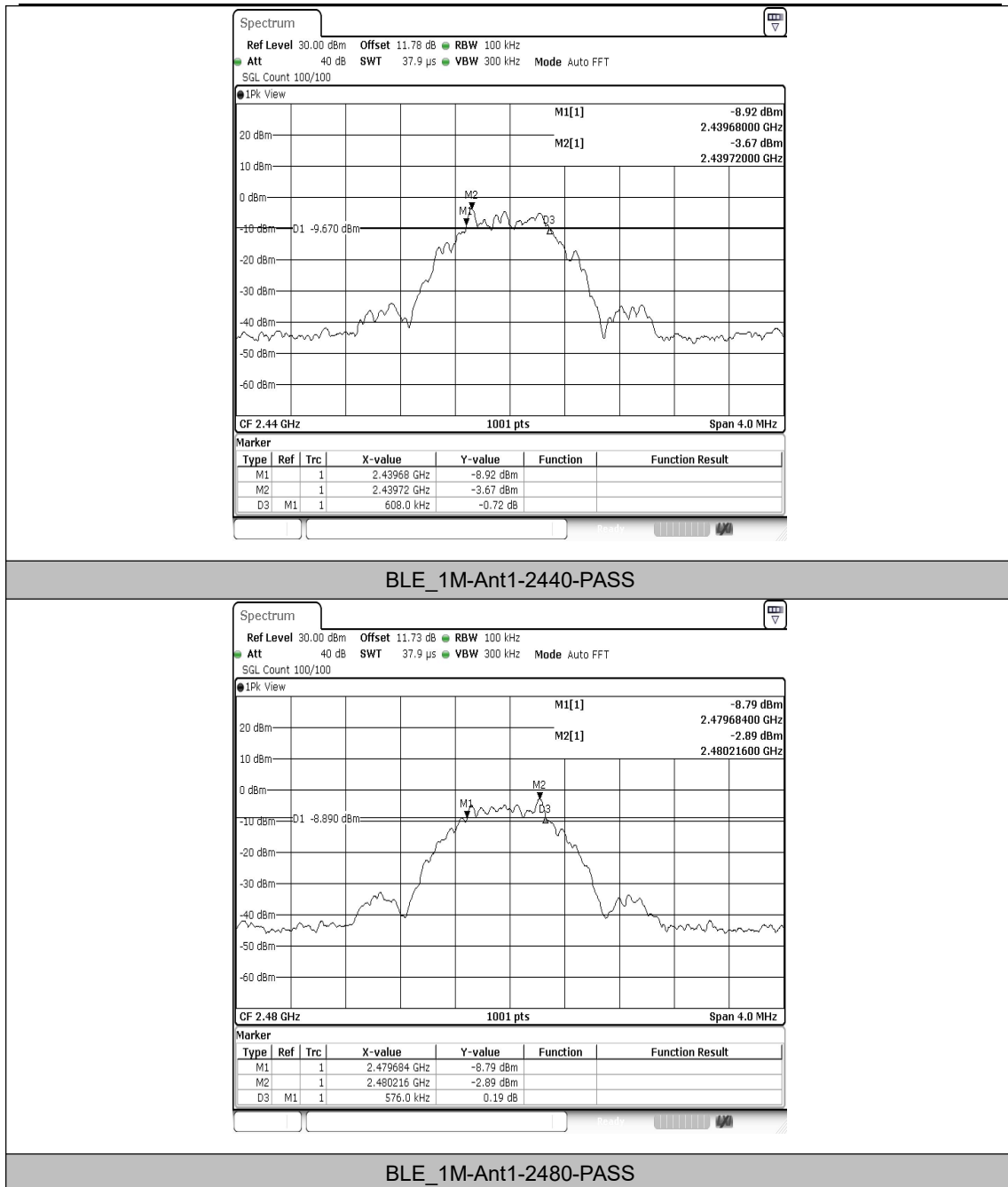
Appendix A: DTS Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.66         | 2401.63 | 2402.30 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.61         | 2439.68 | 2440.29 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.58         | 2479.68 | 2480.26 | 0.5        | PASS    |

Test Graphs



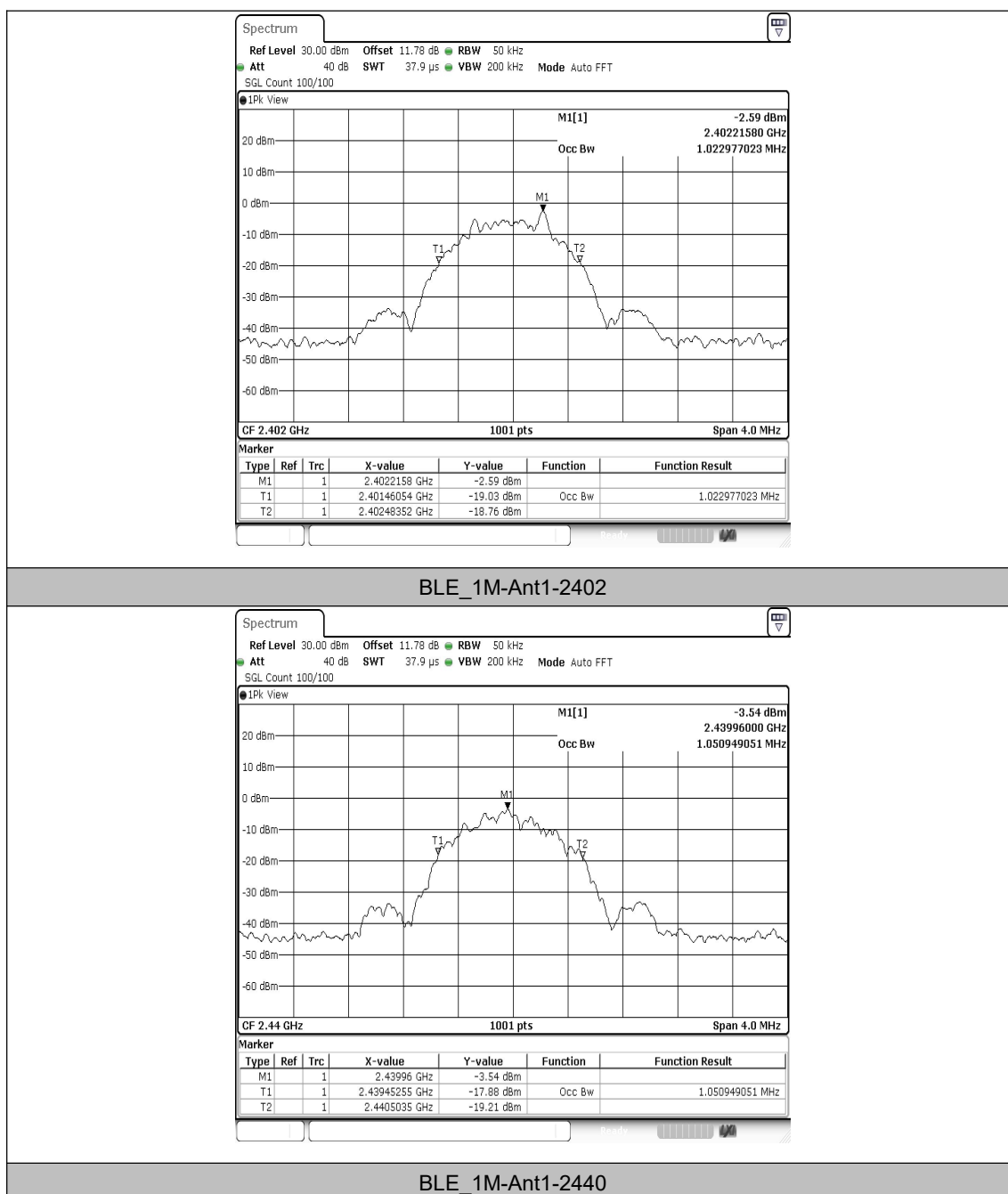


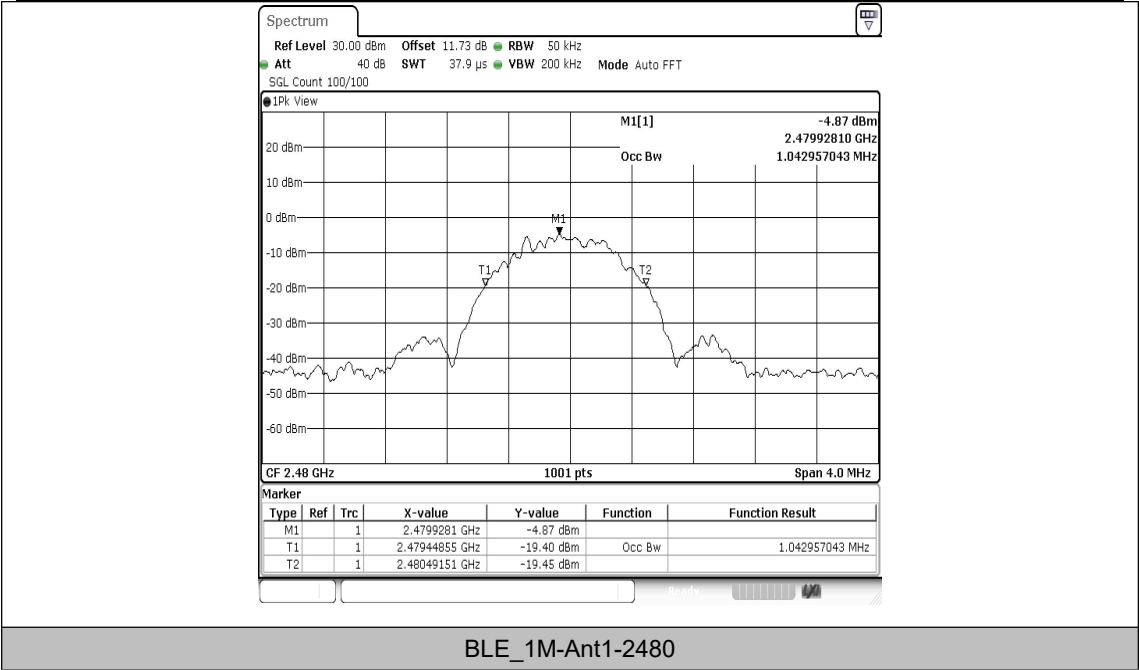
## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 1.023     | 2401.4605 | 2402.4835 | ---        | ---     |
| BLE_1M   | Ant1    | 2440           | 1.051     | 2439.4525 | 2440.5035 | ---        | ---     |
| BLE_1M   | Ant1    | 2480           | 1.043     | 2479.4486 | 2480.4915 | ---        | ---     |

### Test Graphs





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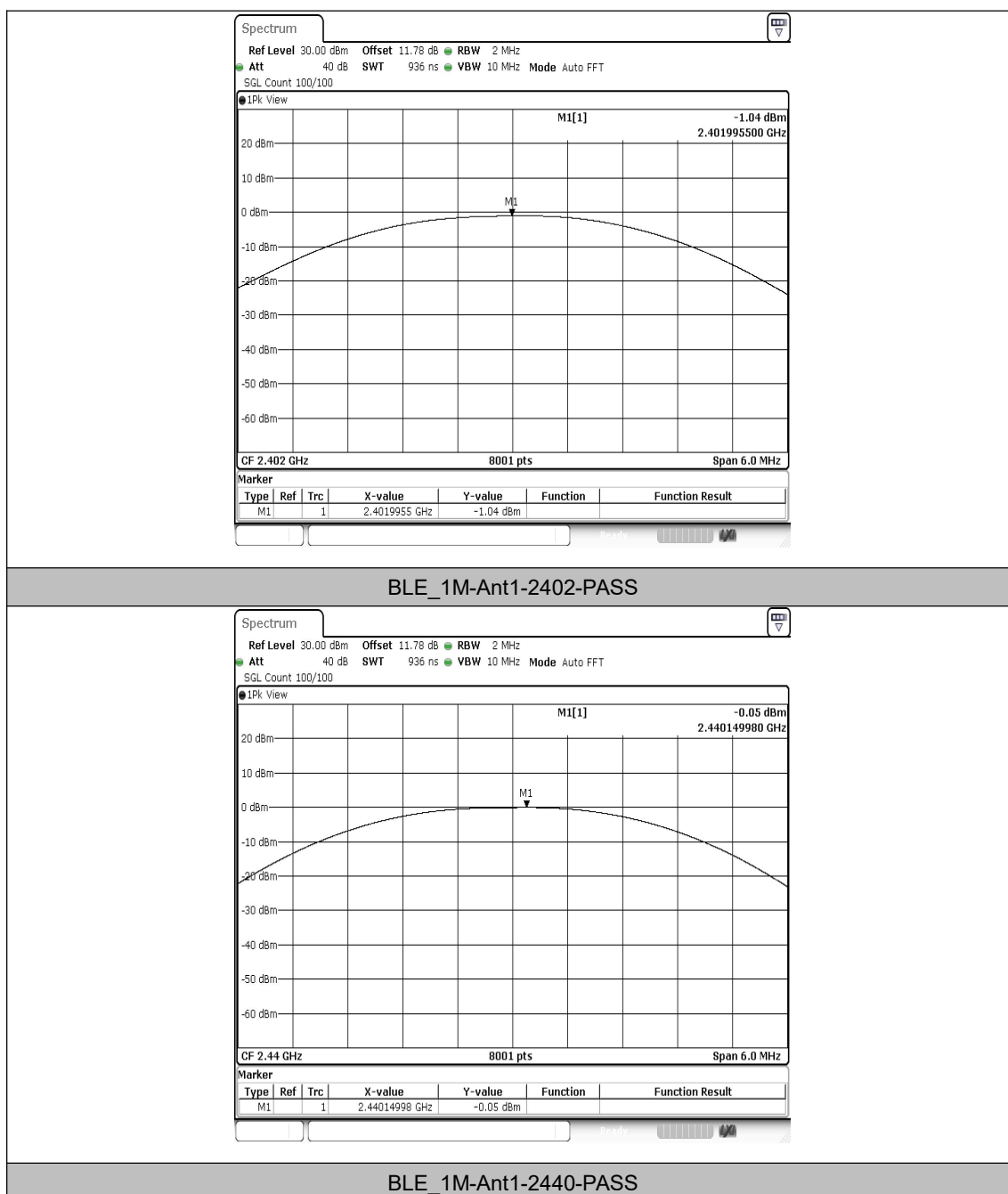


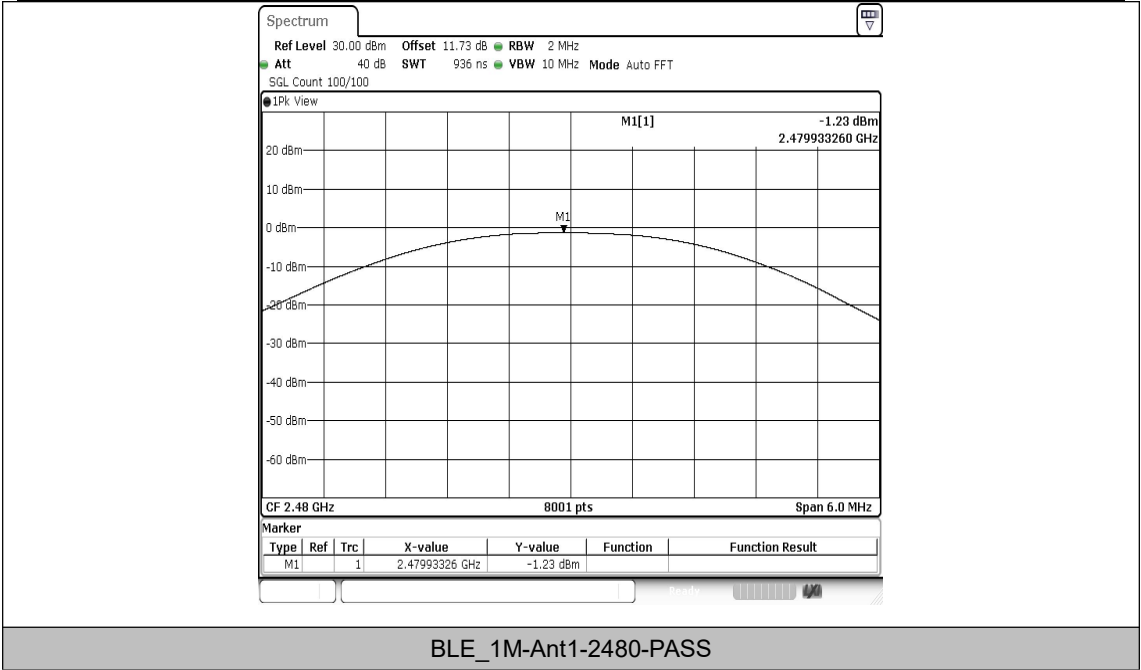
## Appendix C: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402           | -1.04                     | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2440           | -0.05                     | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2480           | -1.23                     | ≤30                  | PASS    |

### Test Graphs Peak





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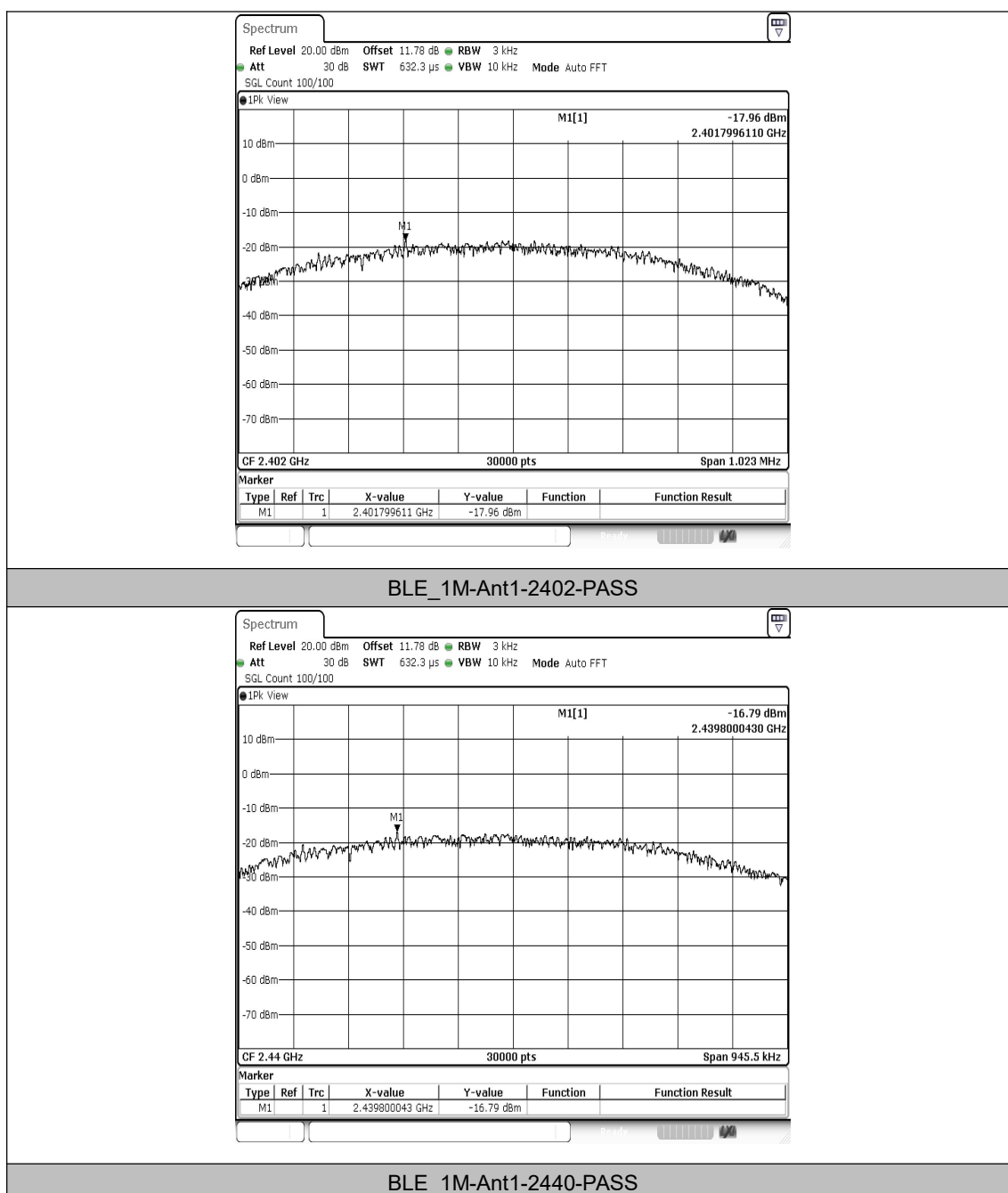


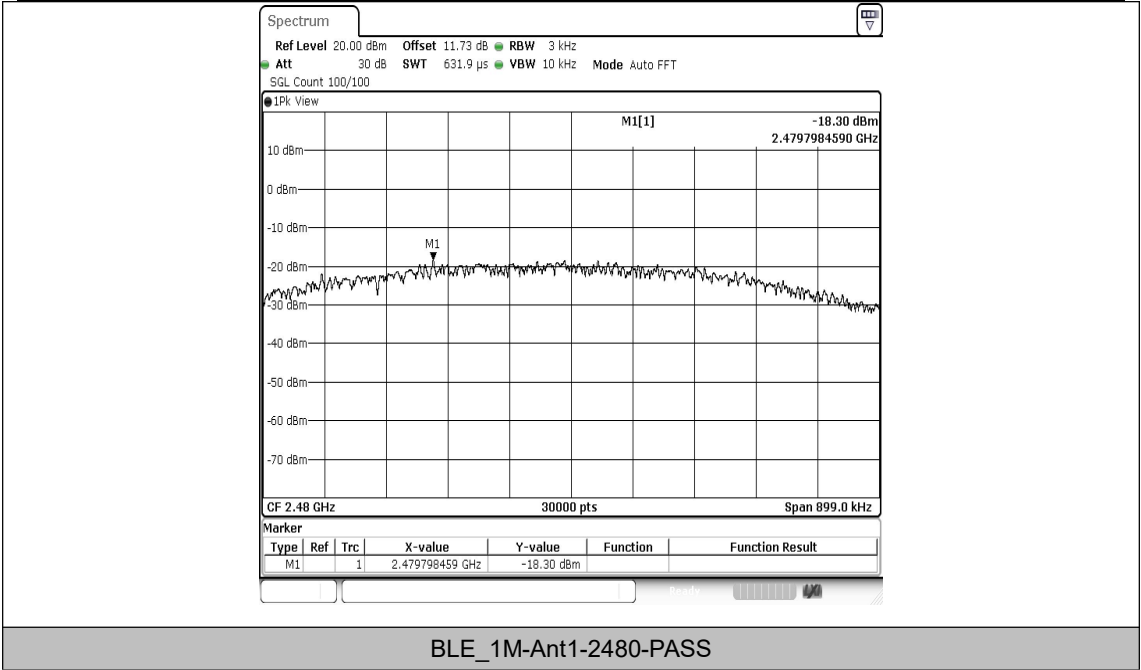
## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -17.96           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -16.79           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -18.30           | ≤8.00           | PASS    |

### Test Graphs





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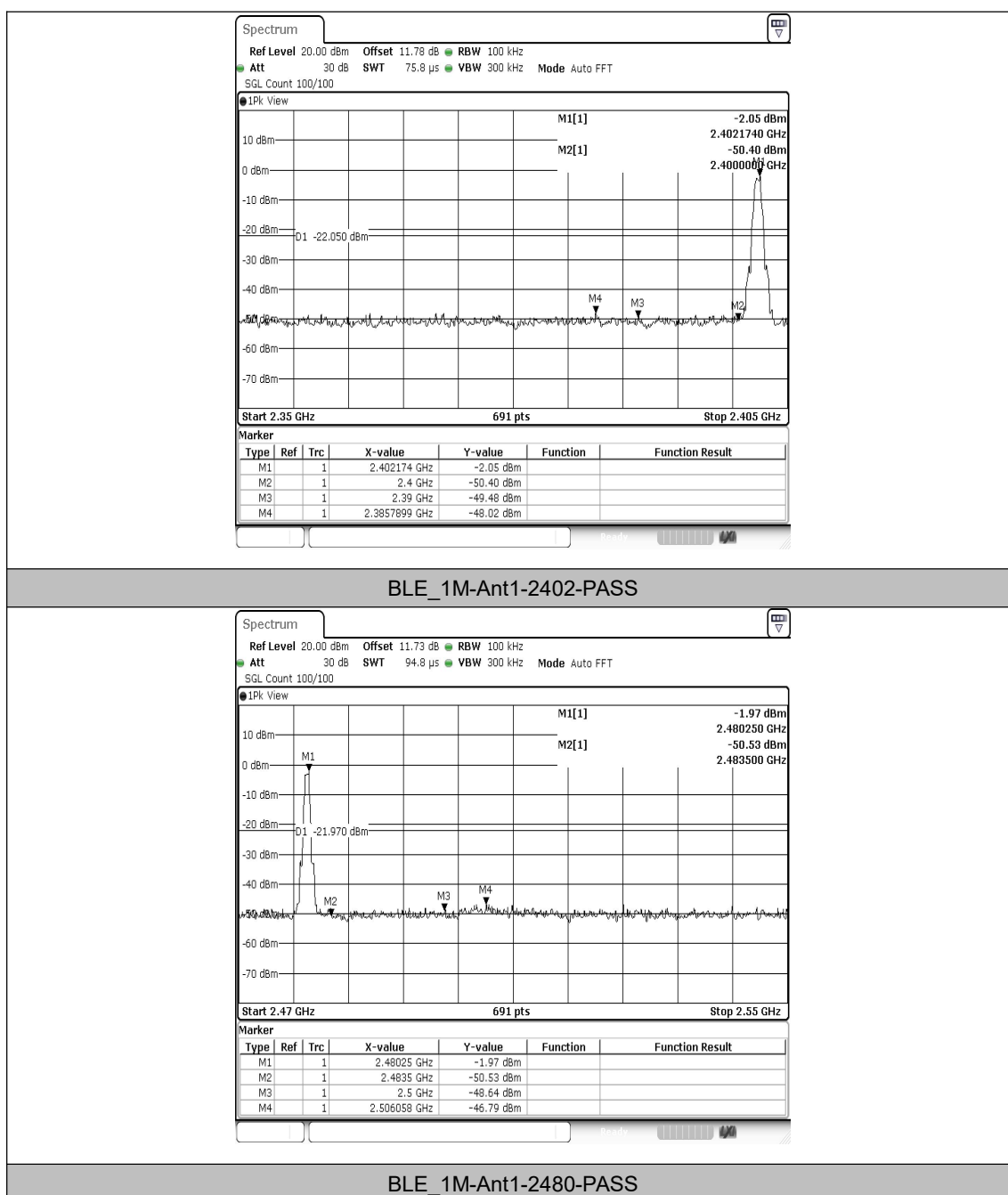


## Appendix E: Band edge measurements

### Test Result

| TestMode | Antenna | Channel | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|----------------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low     | 2402           | -2.05         | -48.02      | ≤-22.05    | PASS    |
| BLE_1M   | Ant1    | High    | 2480           | -1.97         | -46.79      | ≤-21.97    | PASS    |

### Test Graphs

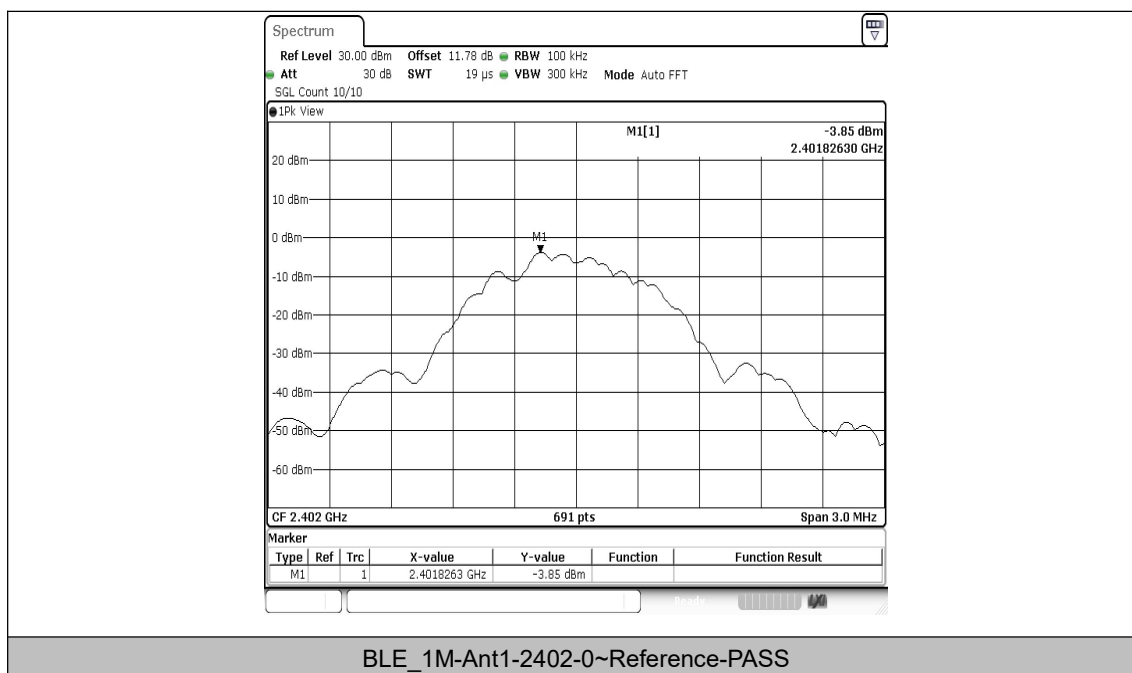


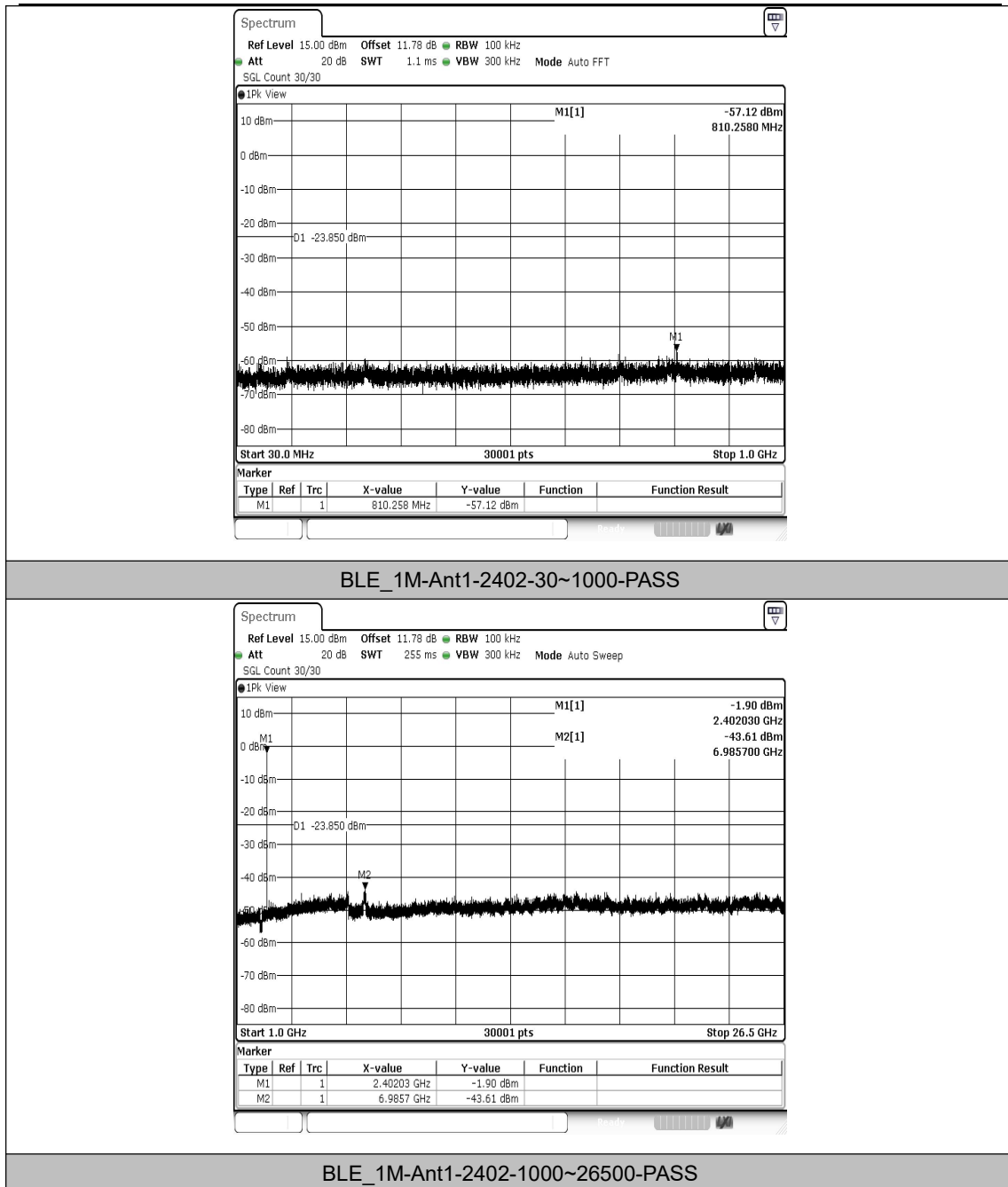
## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|----------------|-----------------|----------------|-------------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0~Reference     | -3.85          | -3.85       | ---        | PASS    |
| BLE_1M   | Ant1    | 2402           | 30~1000         | -3.85          | -57.12      | ≤-23.85    | PASS    |
| BLE_1M   | Ant1    | 2402           | 1000~26500      | -3.85          | -43.61      | ≤-23.85    | PASS    |
| BLE_1M   | Ant1    | 2440           | 0~Reference     | -3.69          | -3.69       | ---        | PASS    |
| BLE_1M   | Ant1    | 2440           | 30~1000         | -3.69          | -57.15      | ≤-23.69    | PASS    |
| BLE_1M   | Ant1    | 2440           | 1000~26500      | -3.69          | -43.57      | ≤-23.69    | PASS    |
| BLE_1M   | Ant1    | 2480           | 0~Reference     | -3.76          | -3.76       | ---        | PASS    |
| BLE_1M   | Ant1    | 2480           | 30~1000         | -3.76          | -57.65      | ≤-23.76    | PASS    |
| BLE_1M   | Ant1    | 2480           | 1000~26500      | -3.76          | -44.28      | ≤-23.76    | PASS    |

### Test Graphs





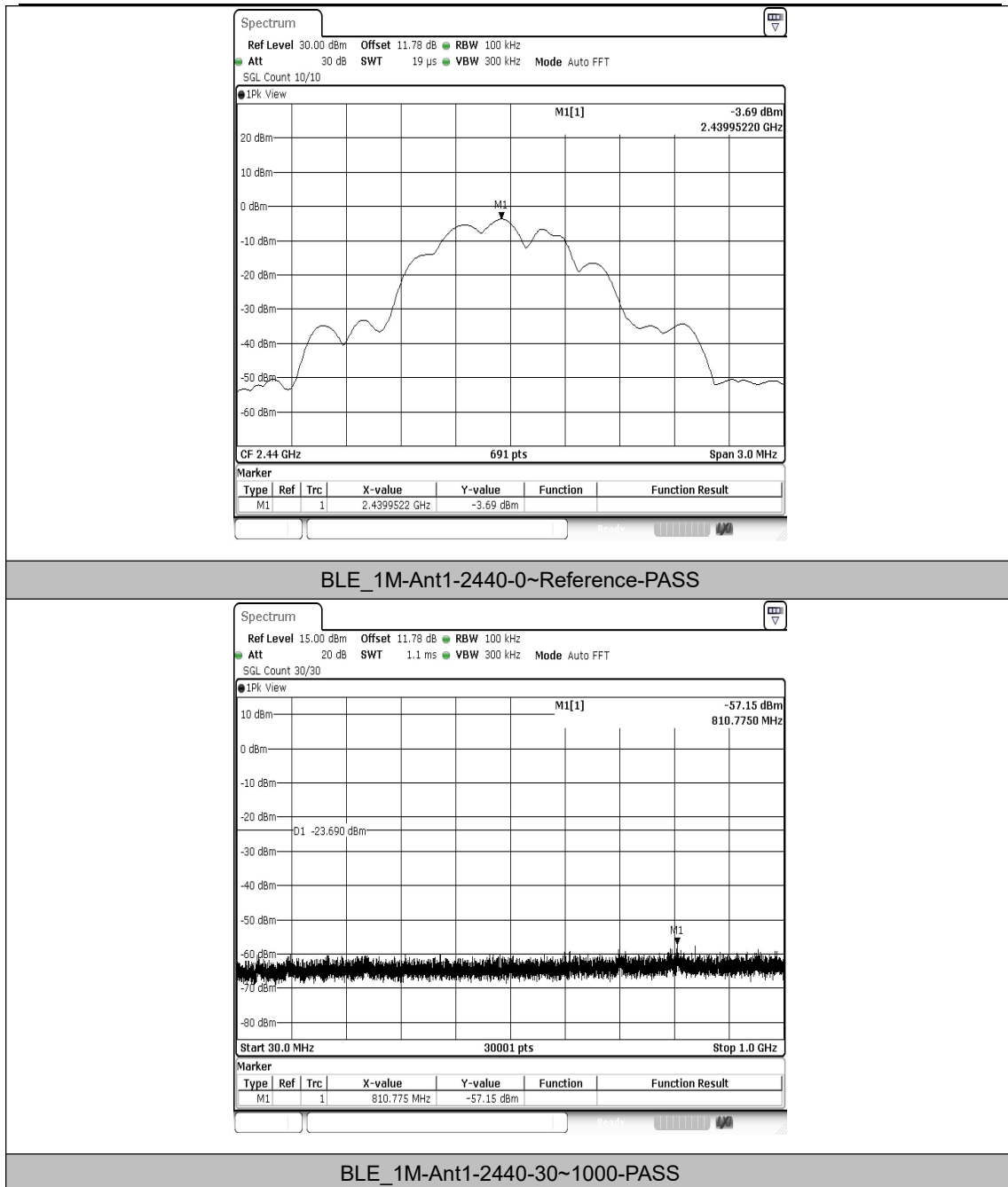
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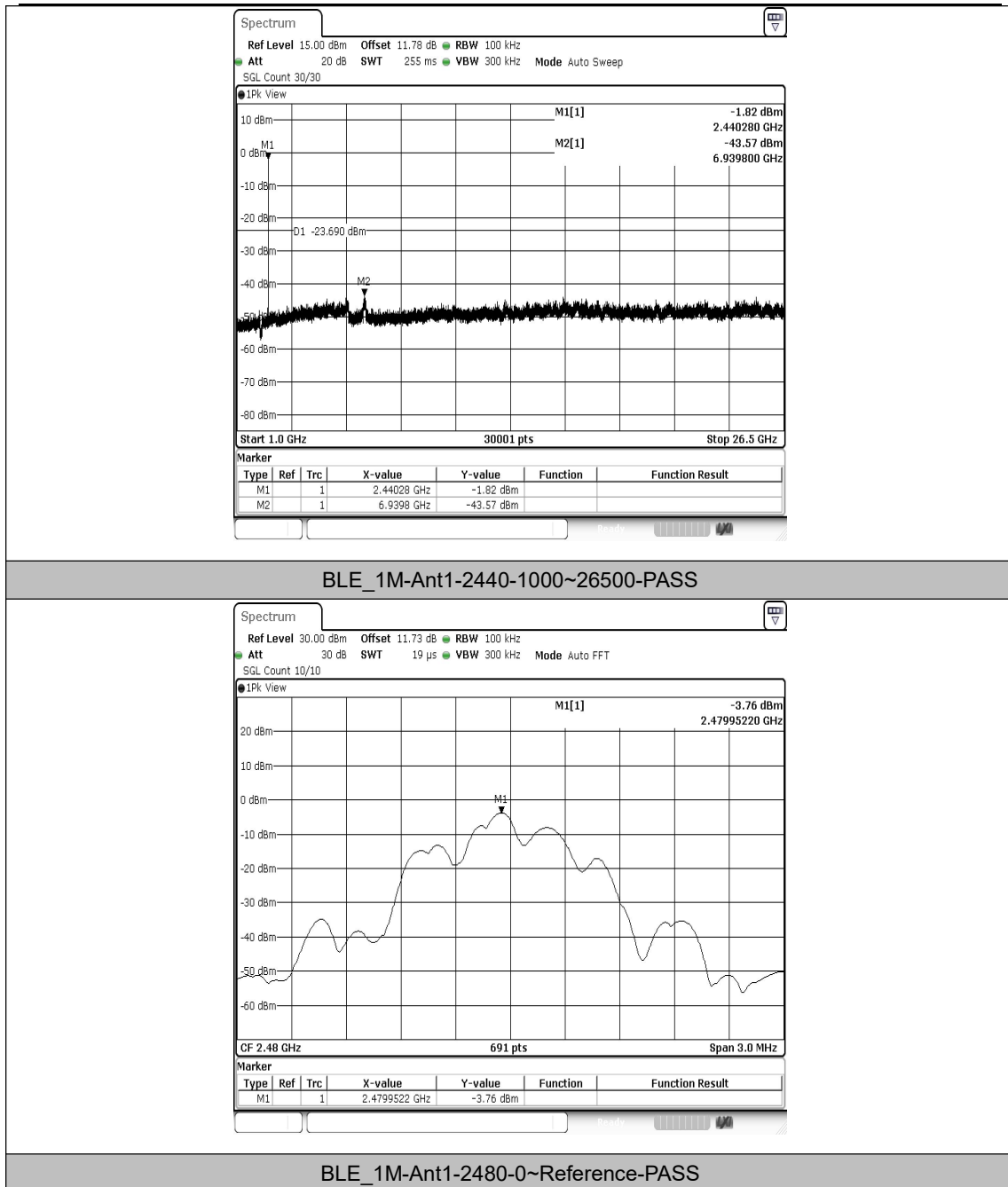
**Shenzhen Anbotech Compliance Laboratory Limited**

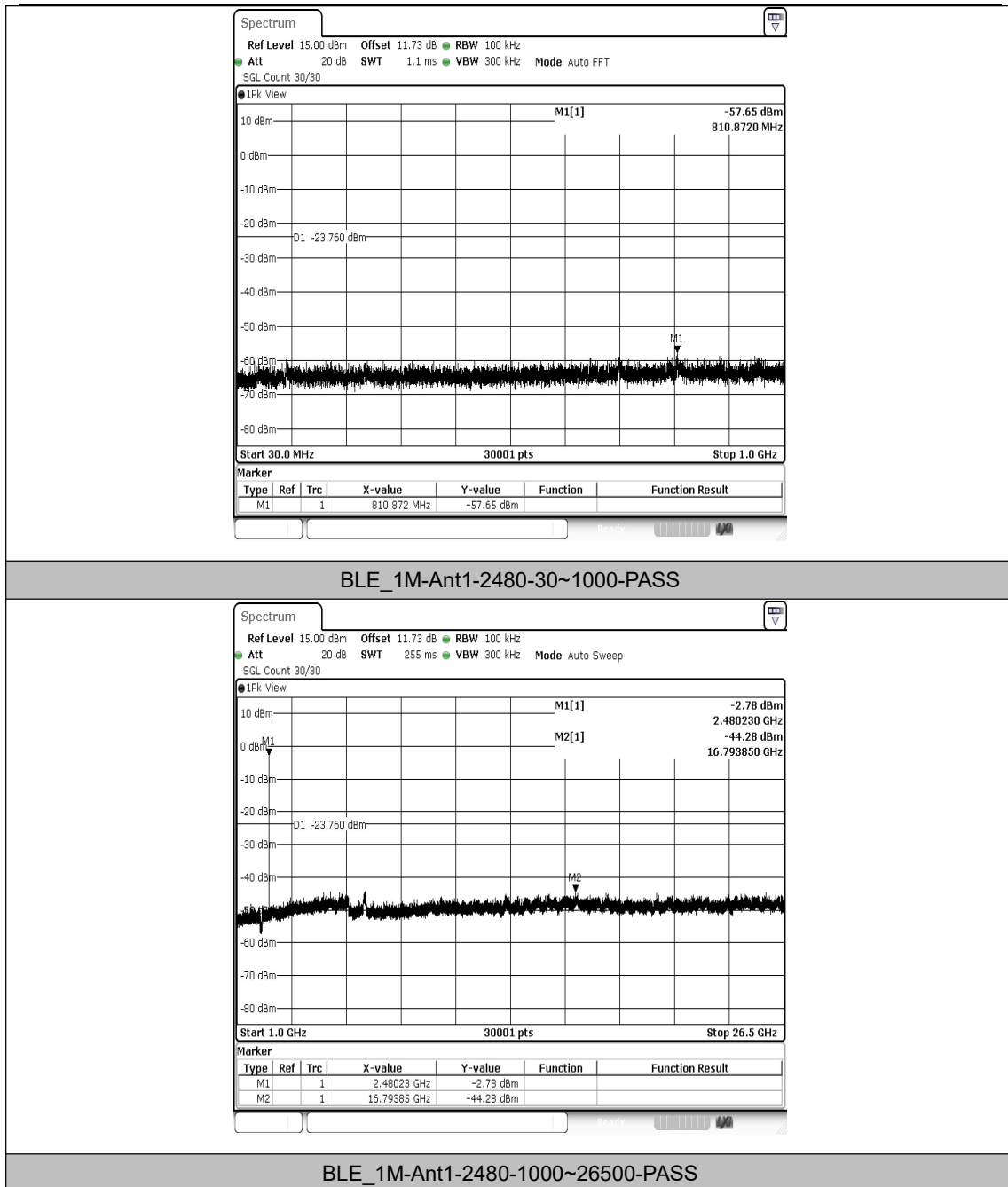
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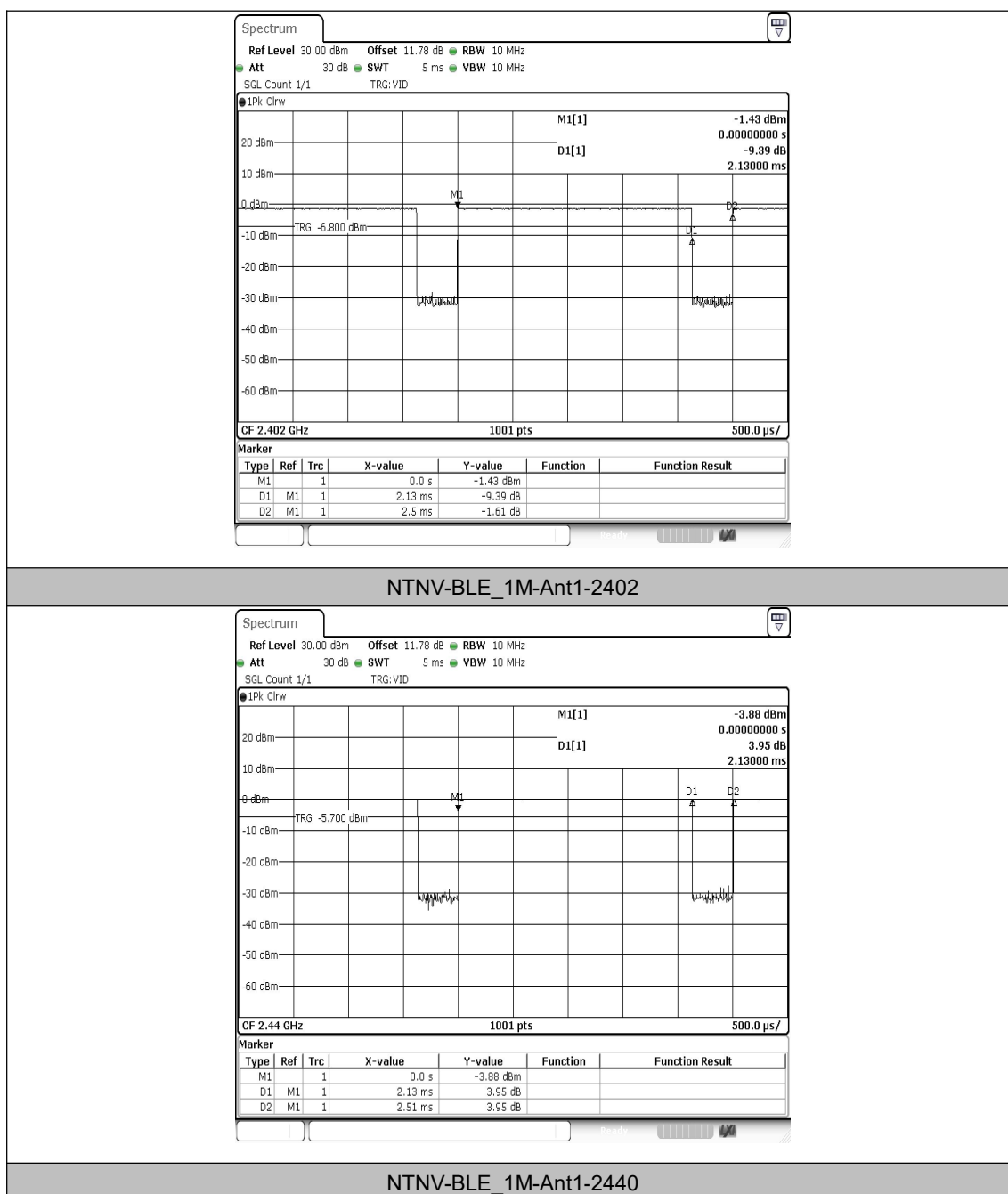


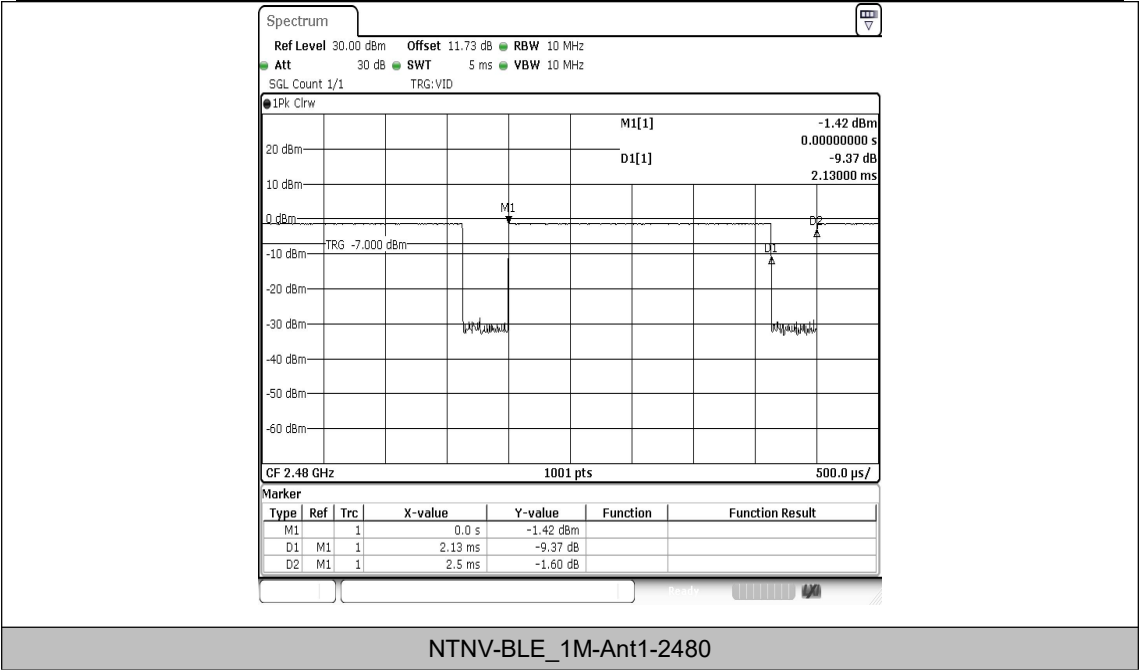
## Appendix G: Duty Cycle

### Test Result

| TestMode | Antenna | Frequency[MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|----------|---------|----------------|--------------|-------------|----------------|-----------------------|
| BLE_1M   | Ant1    | 2402           | 2.13         | 2.50        | 85.20          | 0.70                  |
| BLE_1M   | Ant1    | 2440           | 2.13         | 2.51        | 84.86          | 0.71                  |
| BLE_1M   | Ant1    | 2480           | 2.13         | 2.50        | 85.20          | 0.70                  |

### Test Graphs





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