

Appendix Test Data

|                  |                   |                    |                    |
|------------------|-------------------|--------------------|--------------------|
| Report No:       | 1812C40101512502  | Test Sample NO:    | 1-2-2              |
| Start Test Date: | 2024.10.16        | Finish Test Date:  | 2024.10.21         |
| Test Engineer:   | <i>Joker Wang</i> | Auditor:           | <i>Justin Feng</i> |
| Temperature:     | 26.3°C            | Relative Humidity: | 45%                |
| Pressure:        | 101 kPa           |                    |                    |

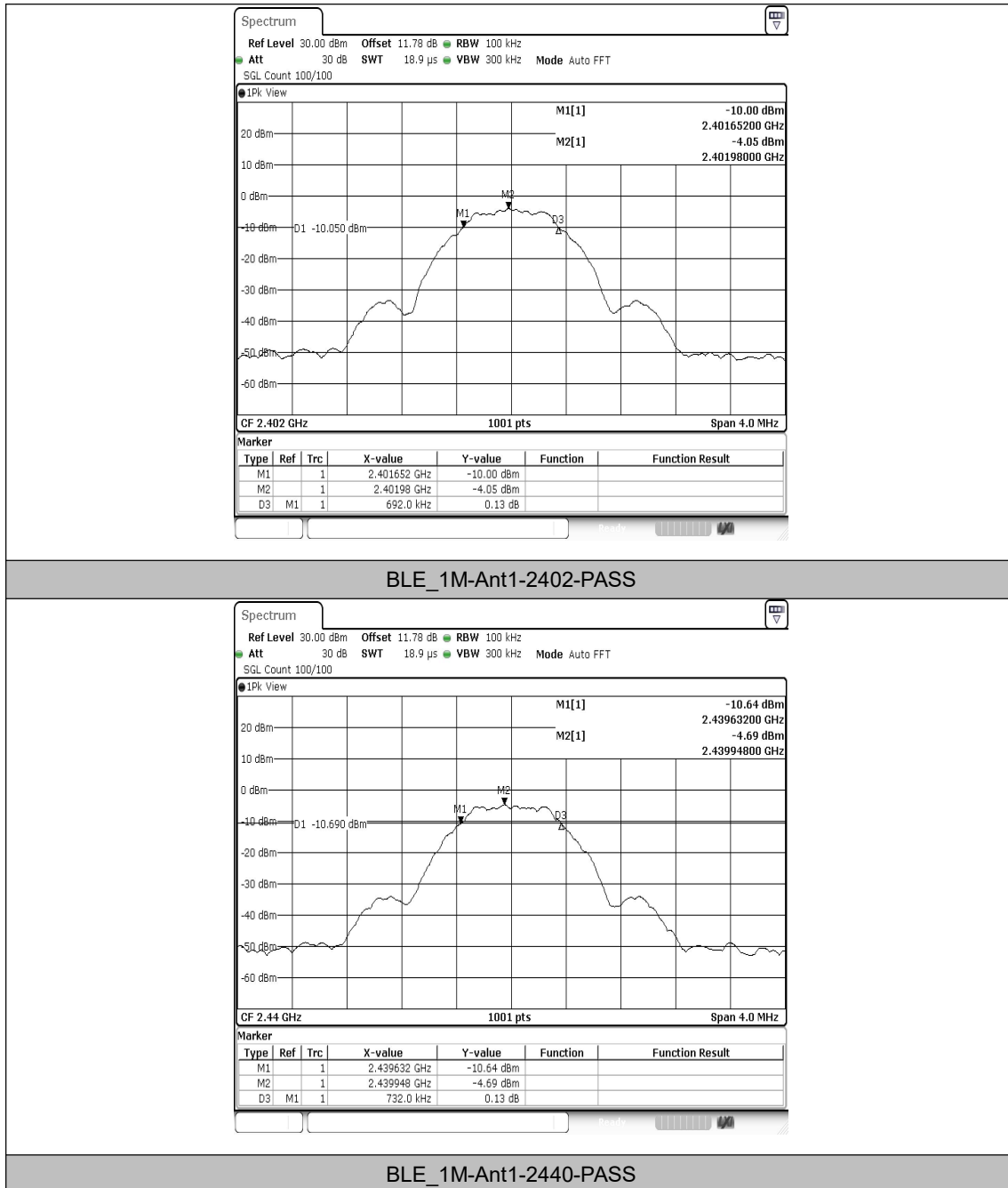
Appendix A: DTS Bandwidth

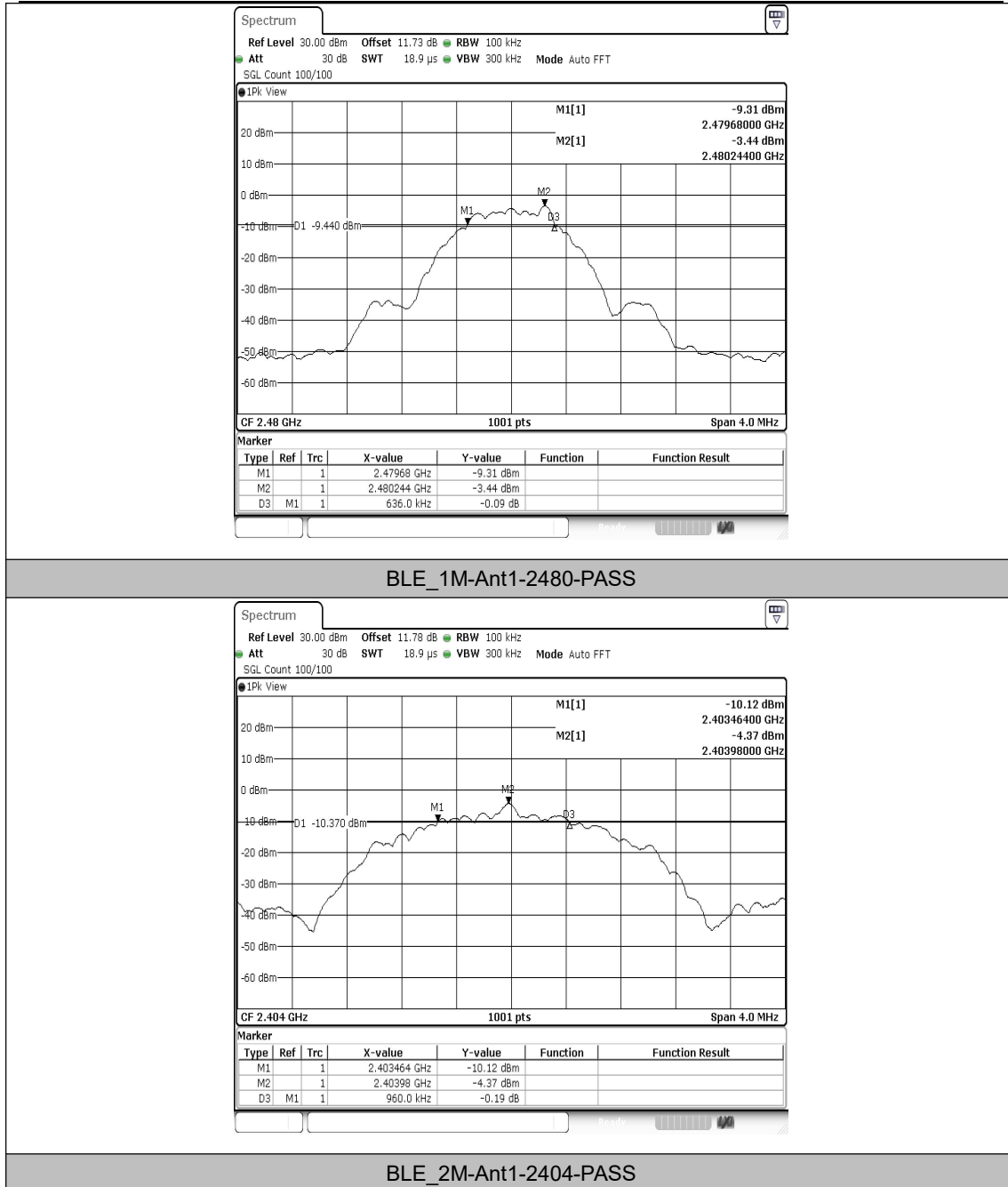
Test Result

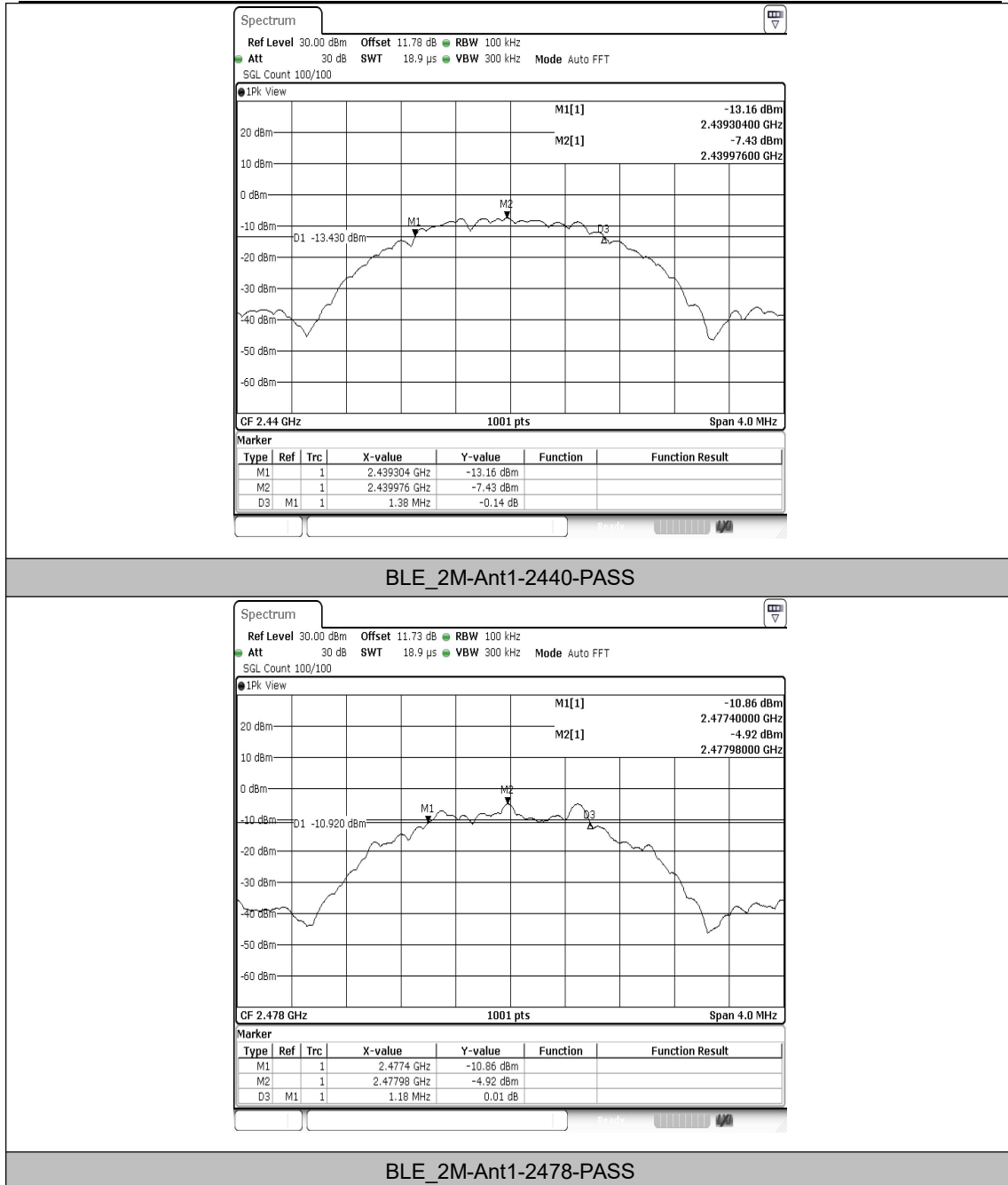
| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.69         | 2401.65 | 2402.34 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.73         | 2439.63 | 2440.36 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.64         | 2479.68 | 2480.32 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2404           | 0.96         | 2403.46 | 2404.42 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.38         | 2439.30 | 2440.68 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2478           | 1.18         | 2477.40 | 2478.58 | 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           | 1.039     | 2401.4805 | 2402.5195 | ---        | ---     |
| BLE_1M   | Ant1    | 2440           | 1.035     | 2439.4765 | 2440.5115 | ---        | ---     |
| BLE_1M   | Ant1    | 2480           | 1.043     | 2479.4725 | 2480.5155 | ---        | ---     |
| BLE_2M   | Ant1    | 2404           | 2.07      | 2402.9730 | 2405.0430 | ---        | ---     |
| BLE_2M   | Ant1    | 2440           | 2.09      | 2438.9610 | 2441.0509 | ---        | ---     |
| BLE_2M   | Ant1    | 2478           | 2.058     | 2476.9810 | 2479.0390 | ---        | ---     |

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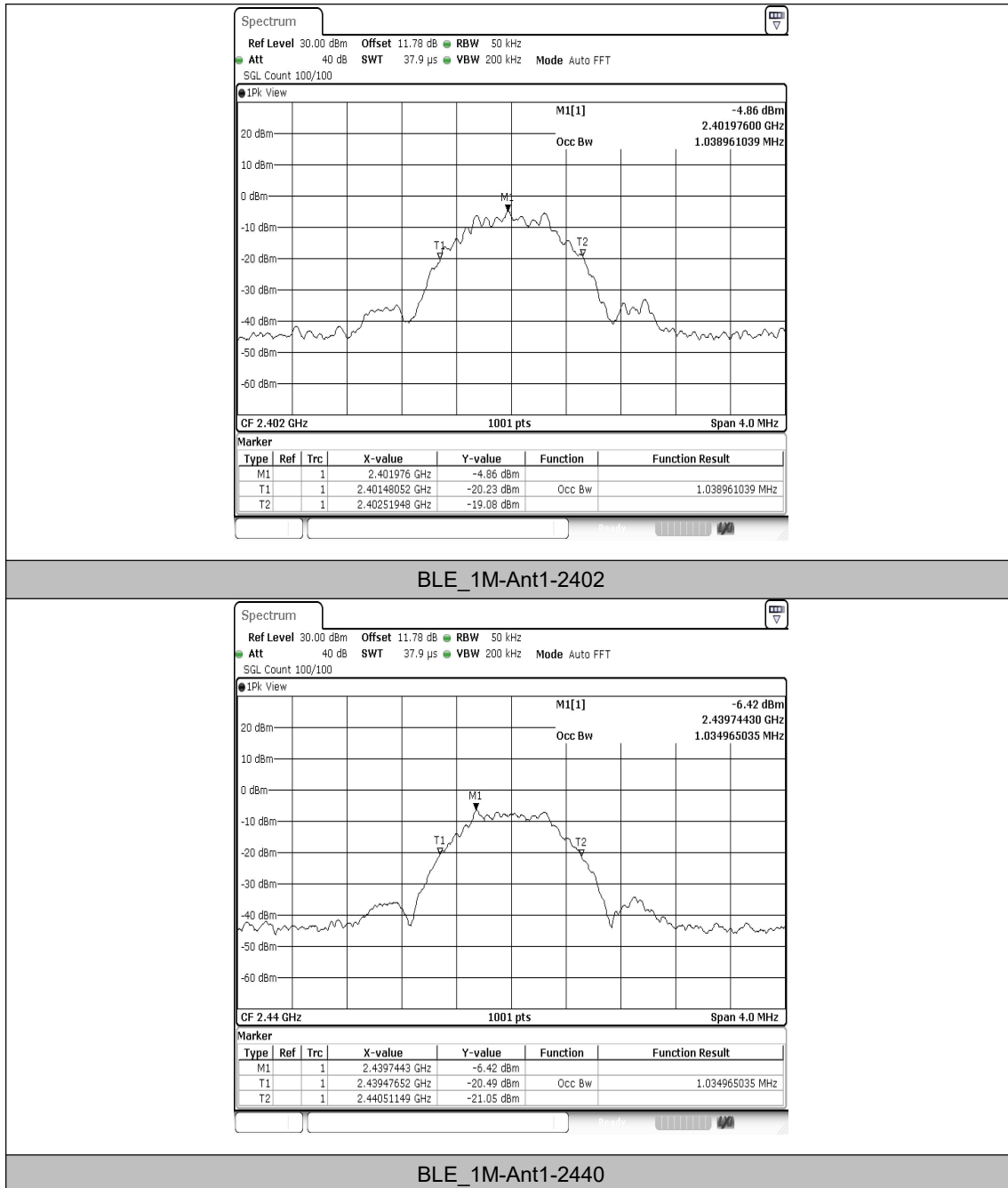
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China  
Tel: (86) 0755-26066440 Email: service@anbotek.com

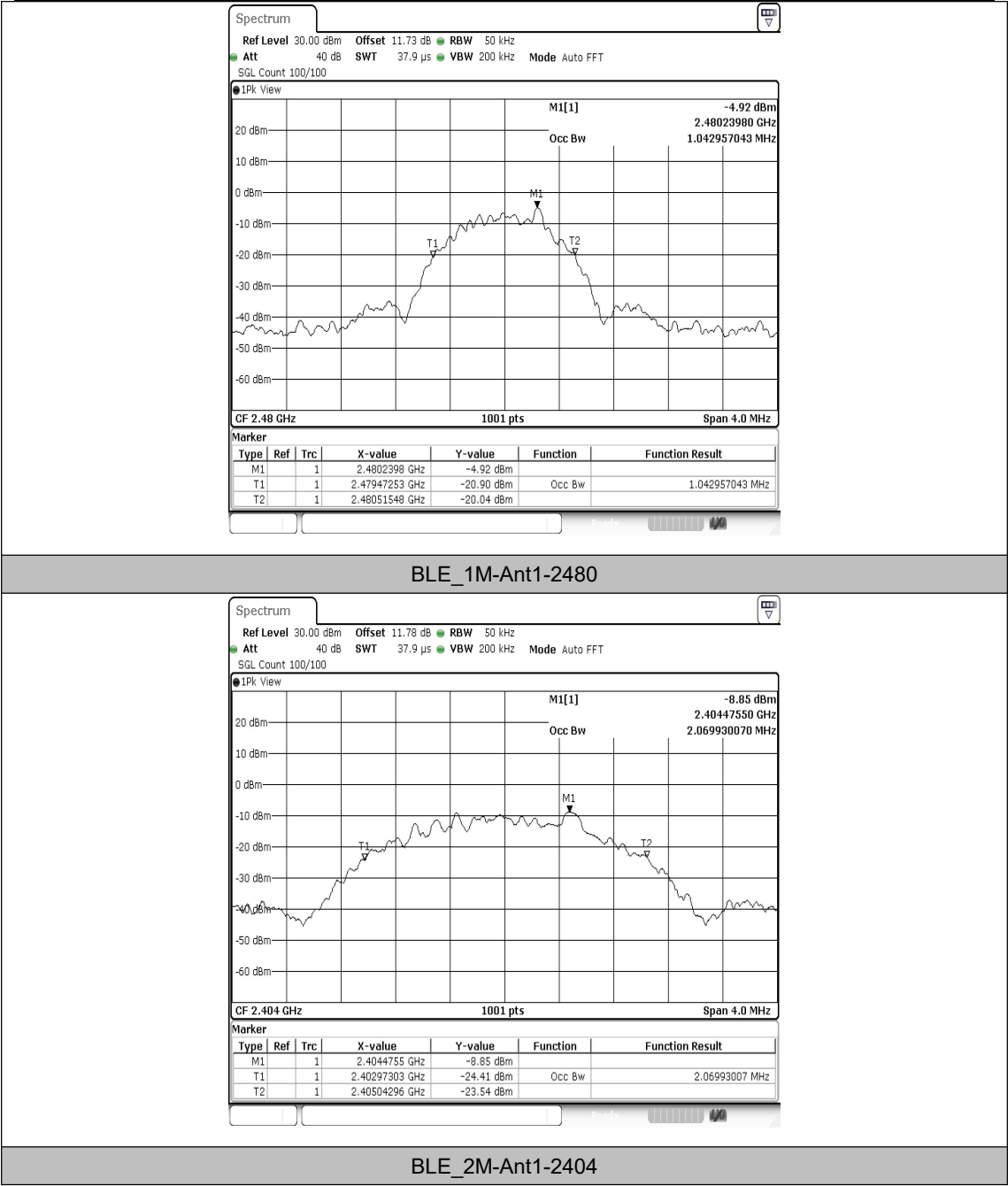


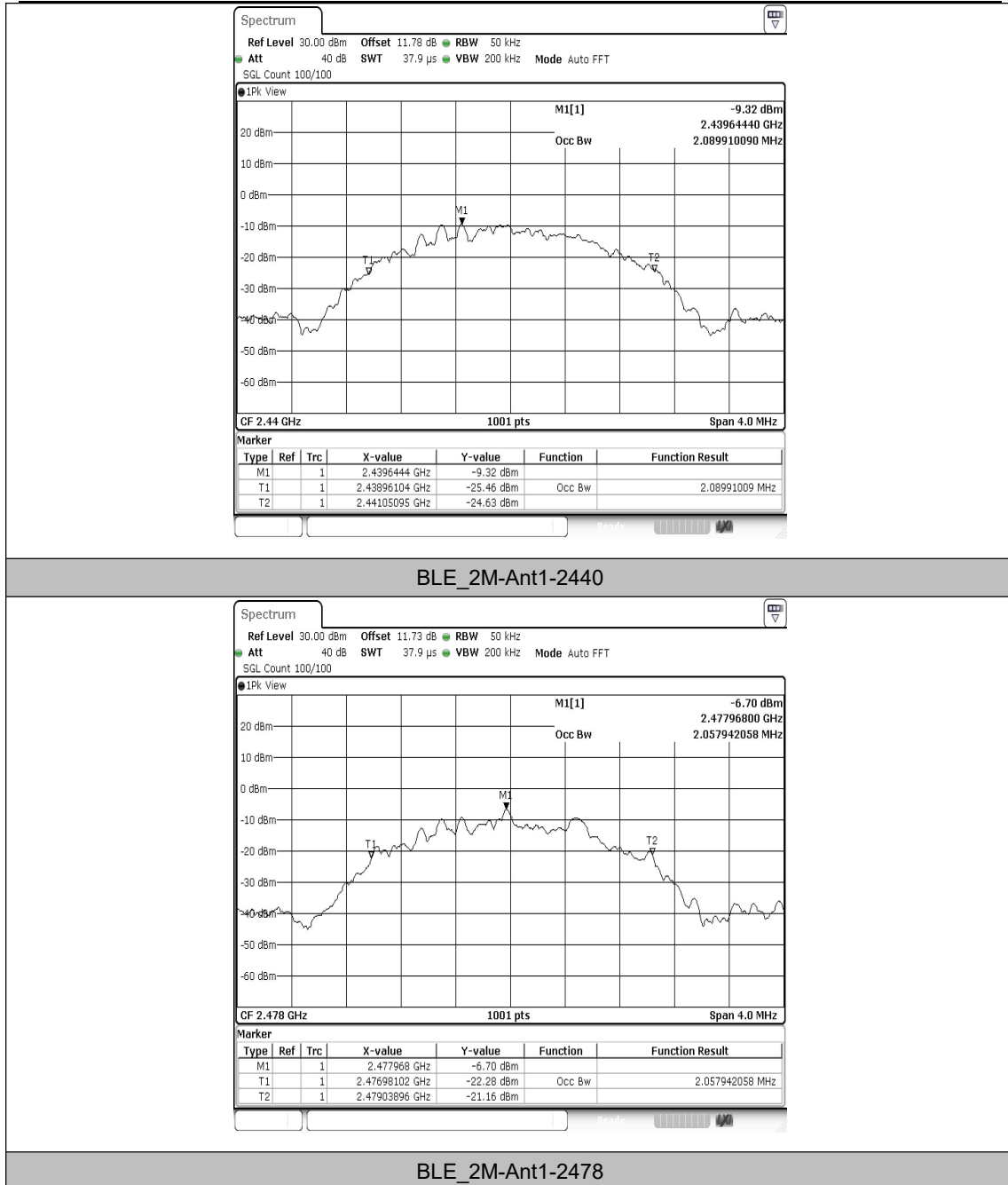
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## Test Graphs







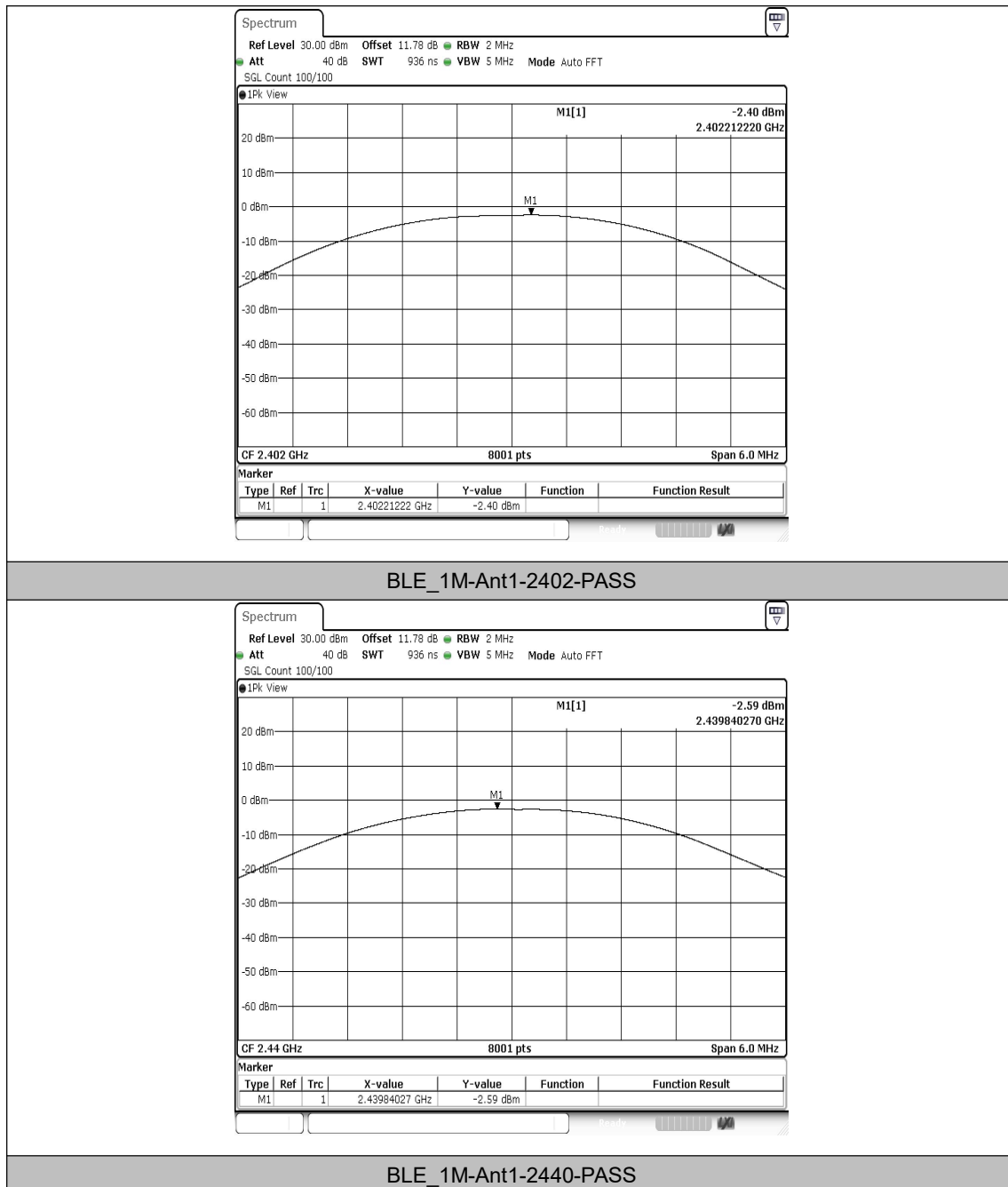
## Appendix C: Maximum conducted output power

### Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M   | Ant1    | 2402           | <b>-2.40</b>              | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2440           | -2.59                     | ≤30                  | PASS    |
| BLE_1M   | Ant1    | 2480           | -2.86                     | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2404           | -3.03                     | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2440           | -3.23                     | ≤30                  | PASS    |
| BLE_2M   | Ant1    | 2478           | -3.36                     | ≤30                  | PASS    |



## Test Graphs Peak

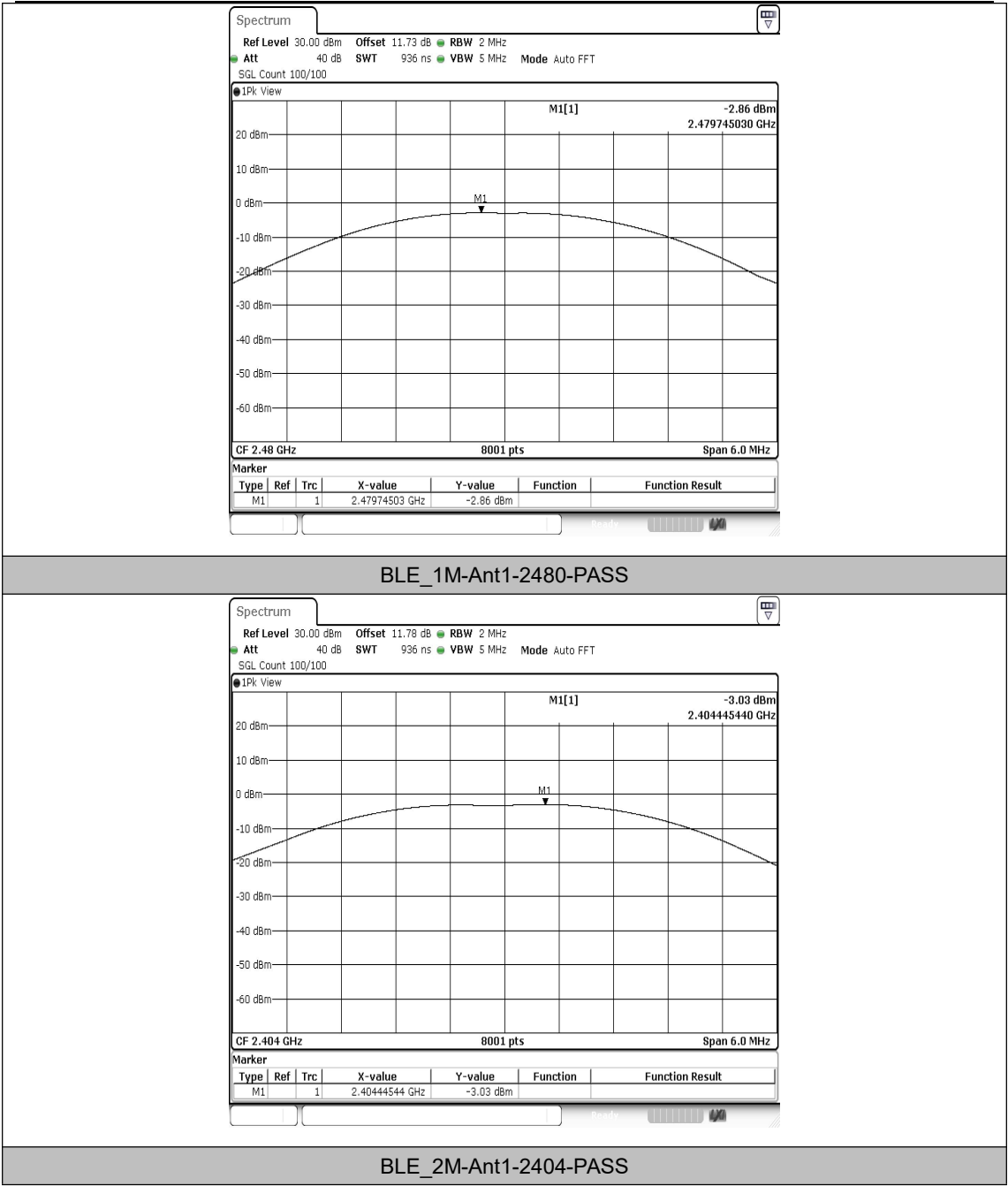


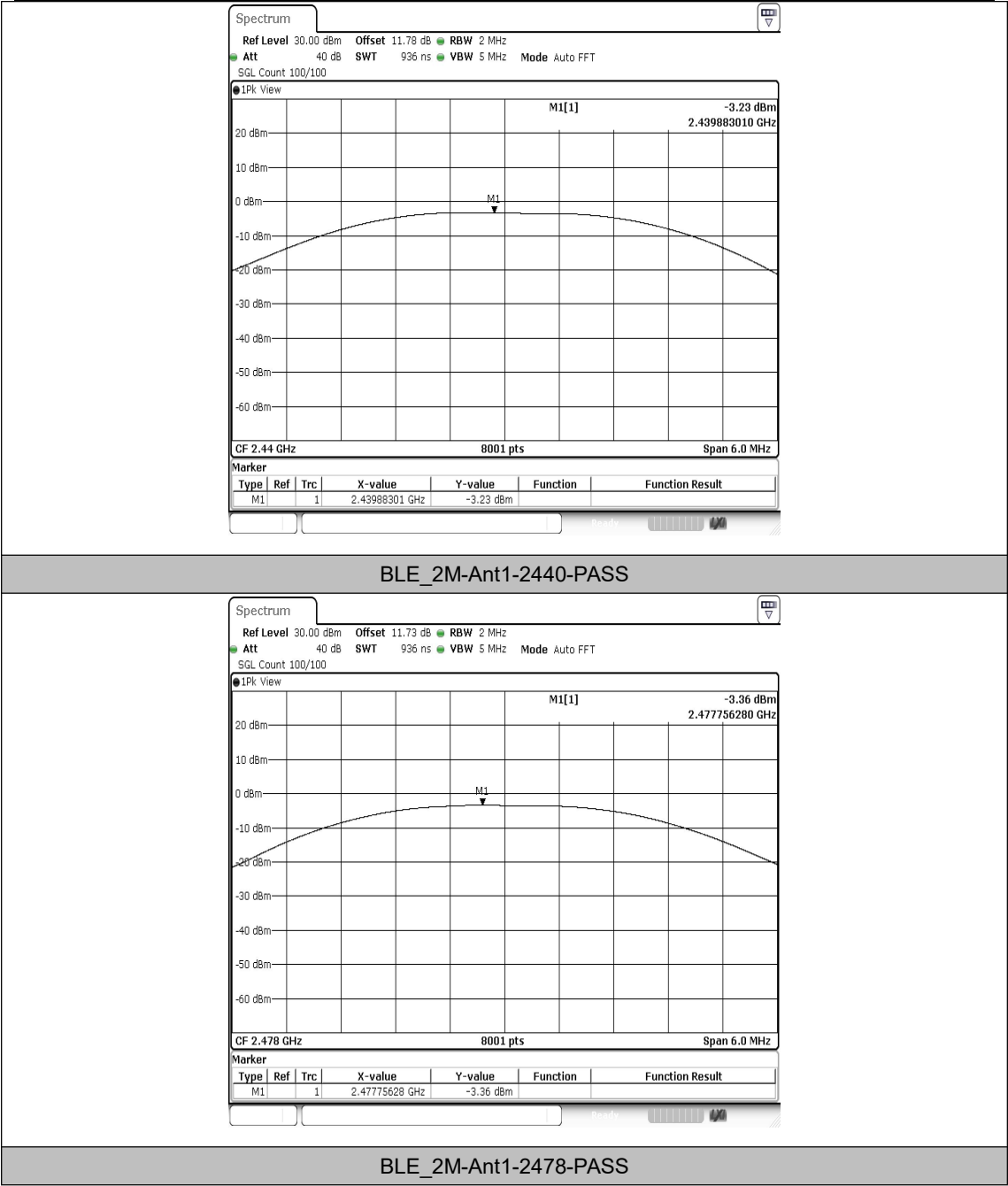
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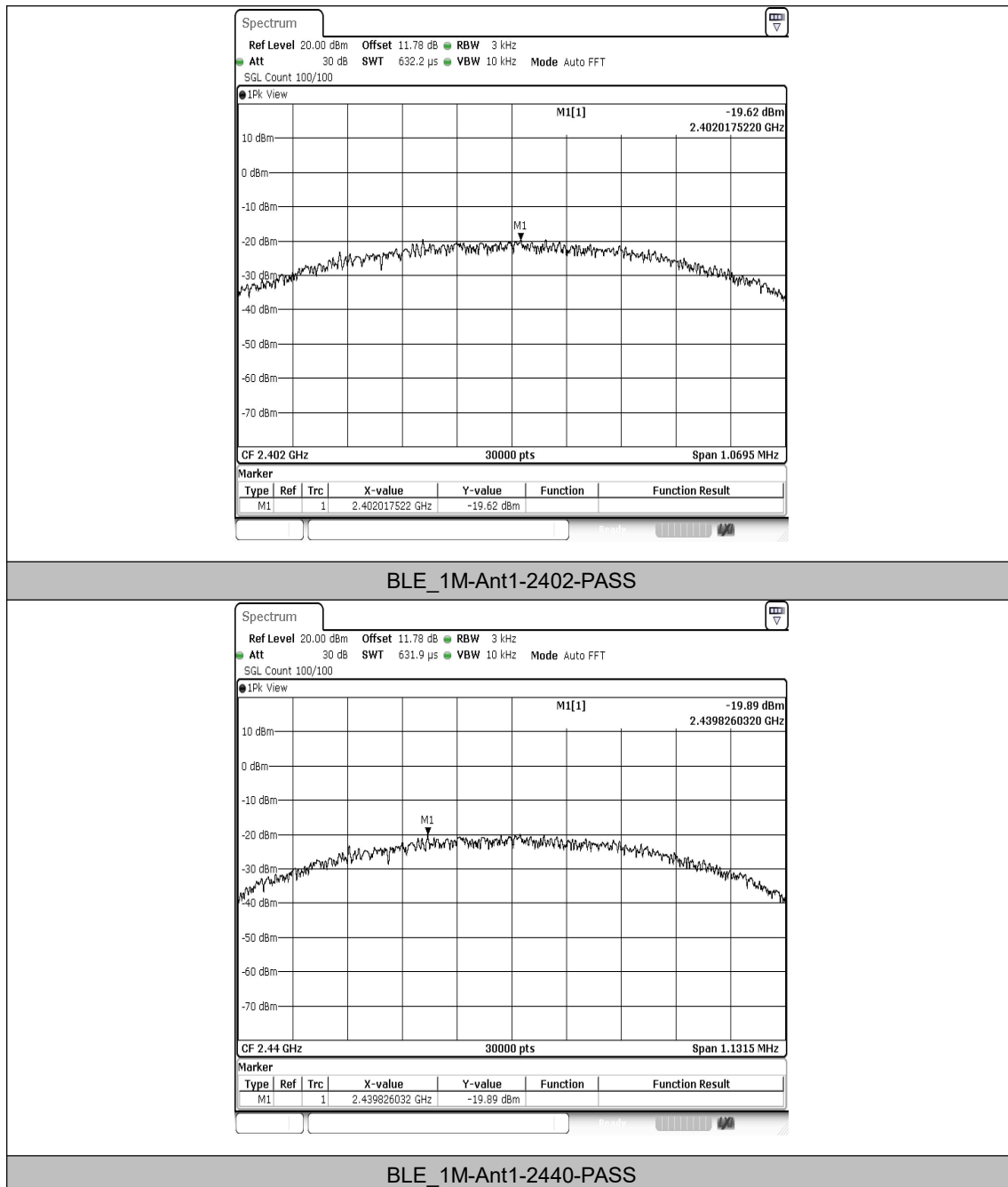
## Appendix D: Maximum power spectral density

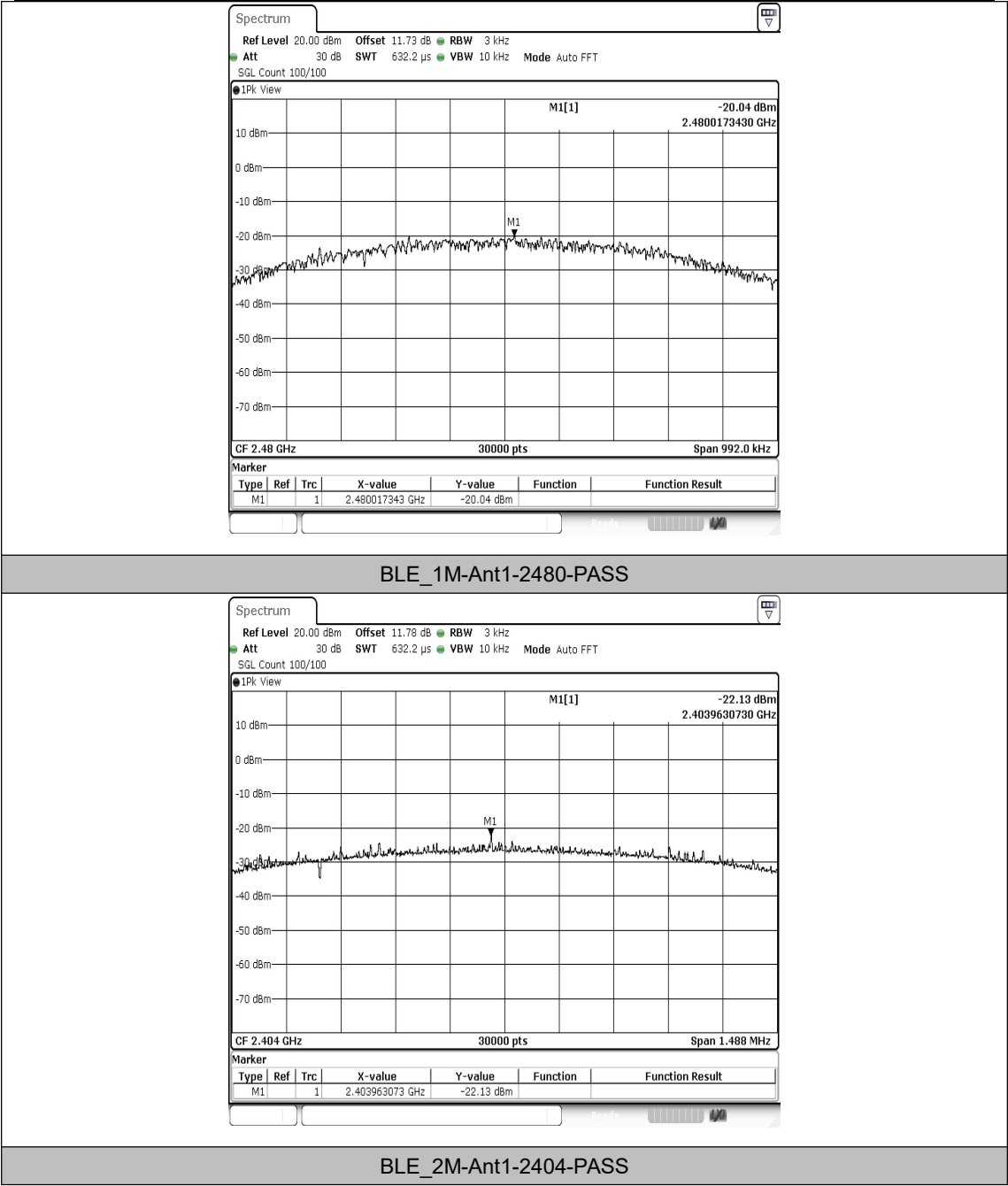
### Test Result

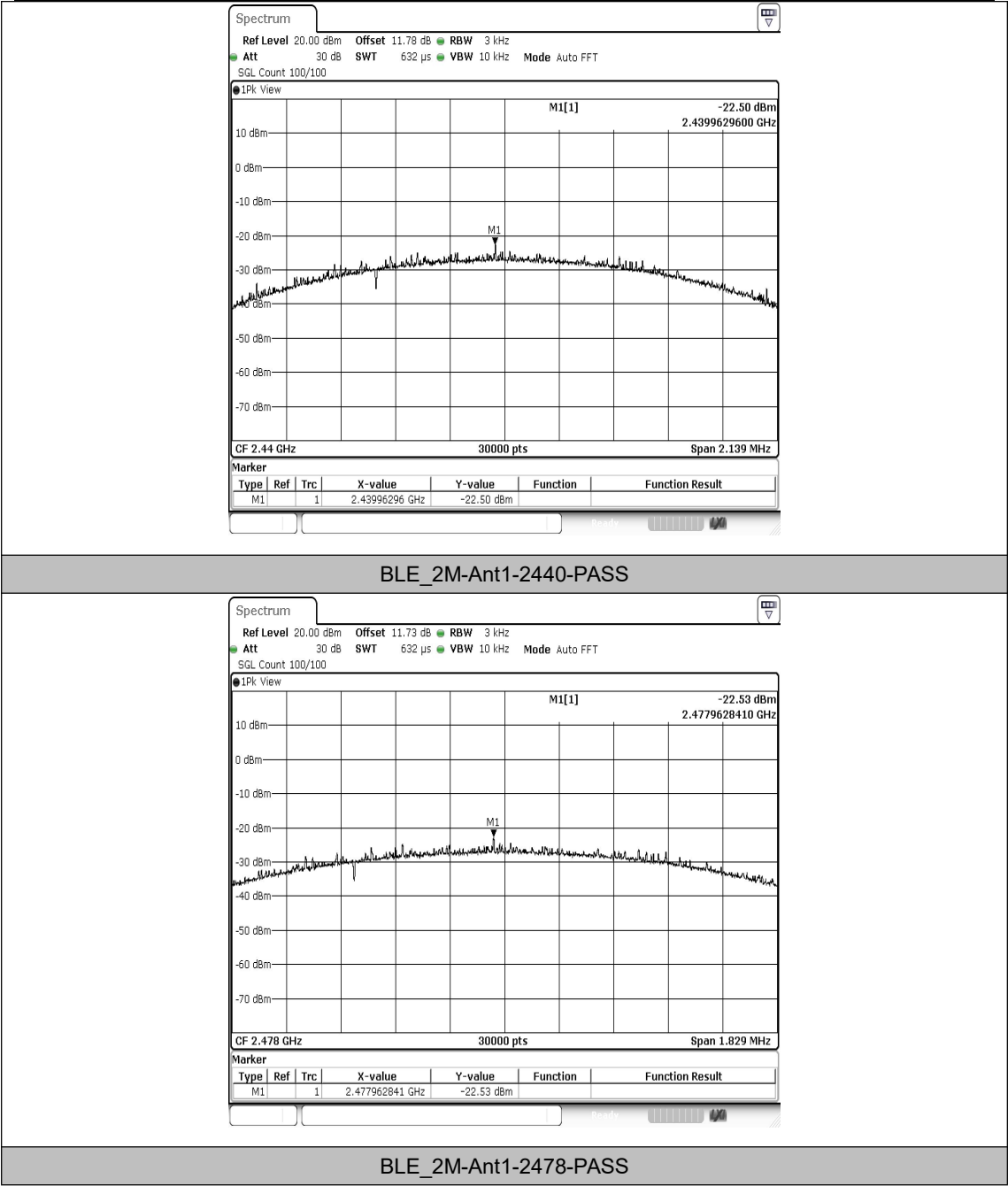
| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -19.62           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -19.89           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -20.04           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2404           | -22.13           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -22.50           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2478           | -22.53           | ≤8.00           | PASS    |



## Test Graphs







## Appendix E: Band edge measurements

### Test Result

| TestMode | Antenna | ChName | Frequency [MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|-----------------|---------------|-------------|------------|---------|
| BLE_1M   | Ant1    | Low    | 2402            | -3.08         | -47.21      | ≤-23.08    | PASS    |
| BLE_1M   | Ant1    | High   | 2480            | -4.91         | -46.36      | ≤-24.91    | PASS    |
| BLE_2M   | Ant1    | Low    | 2404            | -6.95         | -47.63      | ≤-26.95    | PASS    |
| BLE_2M   | Ant1    | High   | 2478            | -7.16         | -47.06      | ≤-27.16    | PASS    |

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