

## Appendix: Bluetooth LE

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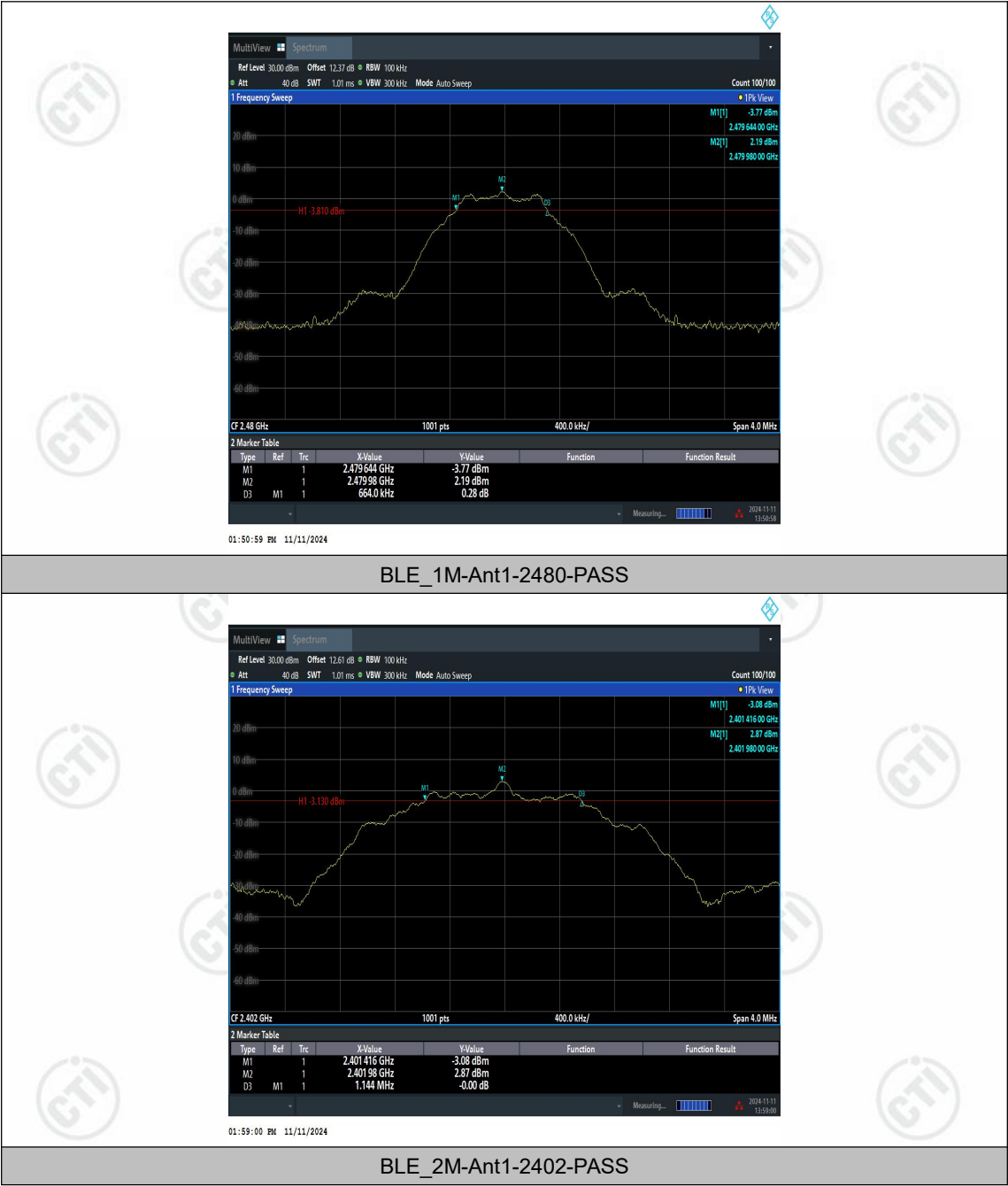
Appendix A: DTS Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.66         | 2401.64 | 2402.31 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.66         | 2439.64 | 2440.31 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.66         | 2479.64 | 2480.31 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.14         | 2401.42 | 2402.56 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.14         | 2439.42 | 2440.56 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 1.10         | 2479.43 | 2480.53 | 0.5        | PASS    |

Test Graphs







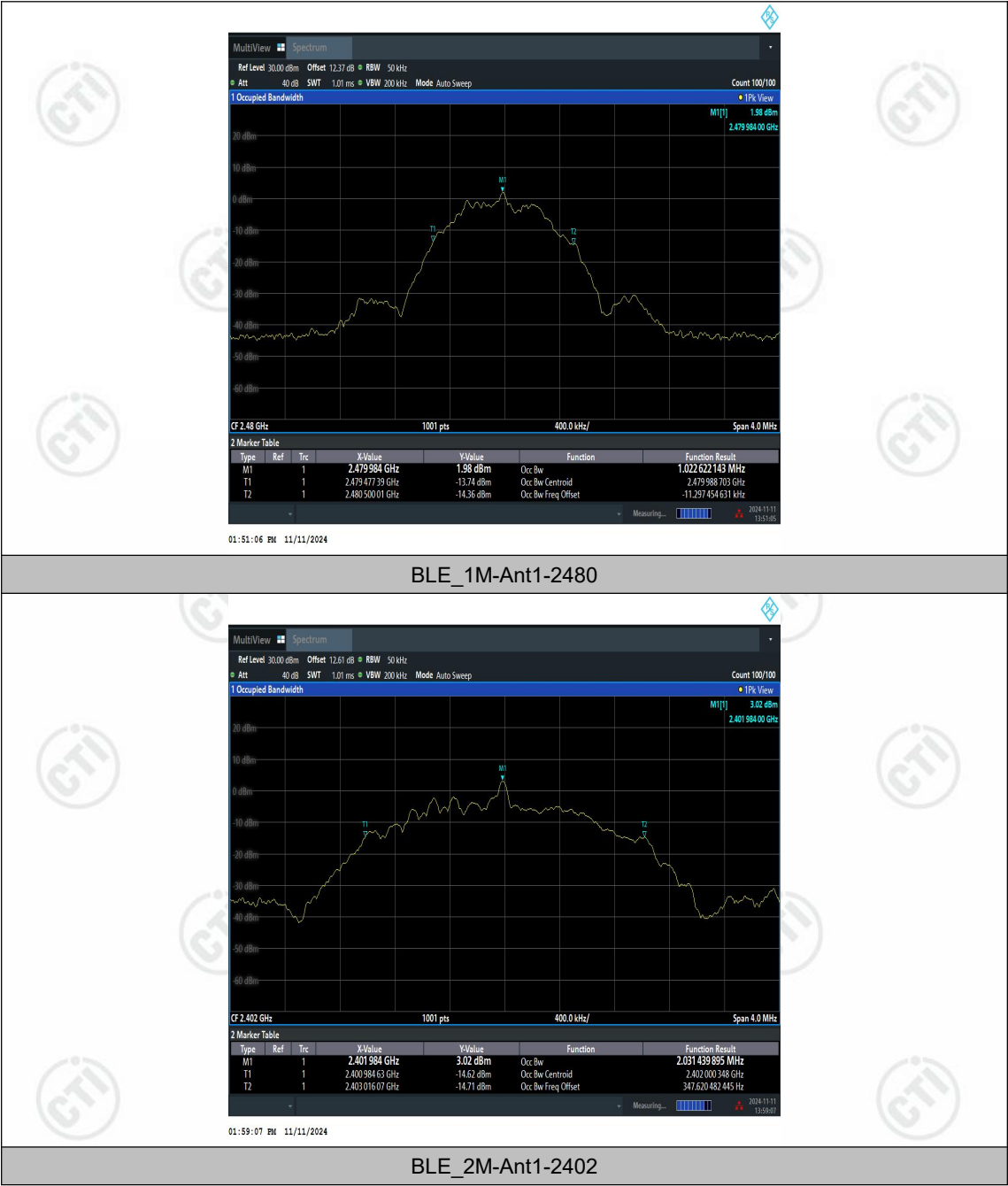
## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 1.026     | 2401.4752 | 2402.5016 | ---        | ---     |
| BLE_1M   | Ant1    | 2440           | 1.018     | 2439.4763 | 2440.4945 | ---        | ---     |
| BLE_1M   | Ant1    | 2480           | 1.023     | 2479.4774 | 2480.5000 | ---        | ---     |
| BLE_2M   | Ant1    | 2402           | 2.031     | 2400.9846 | 2403.0161 | ---        | ---     |
| BLE_2M   | Ant1    | 2440           | 2.031     | 2438.9869 | 2441.0180 | ---        | ---     |
| BLE_2M   | Ant1    | 2480           | 2.03      | 2478.9819 | 2481.0118 | ---        | ---     |

Test Graphs





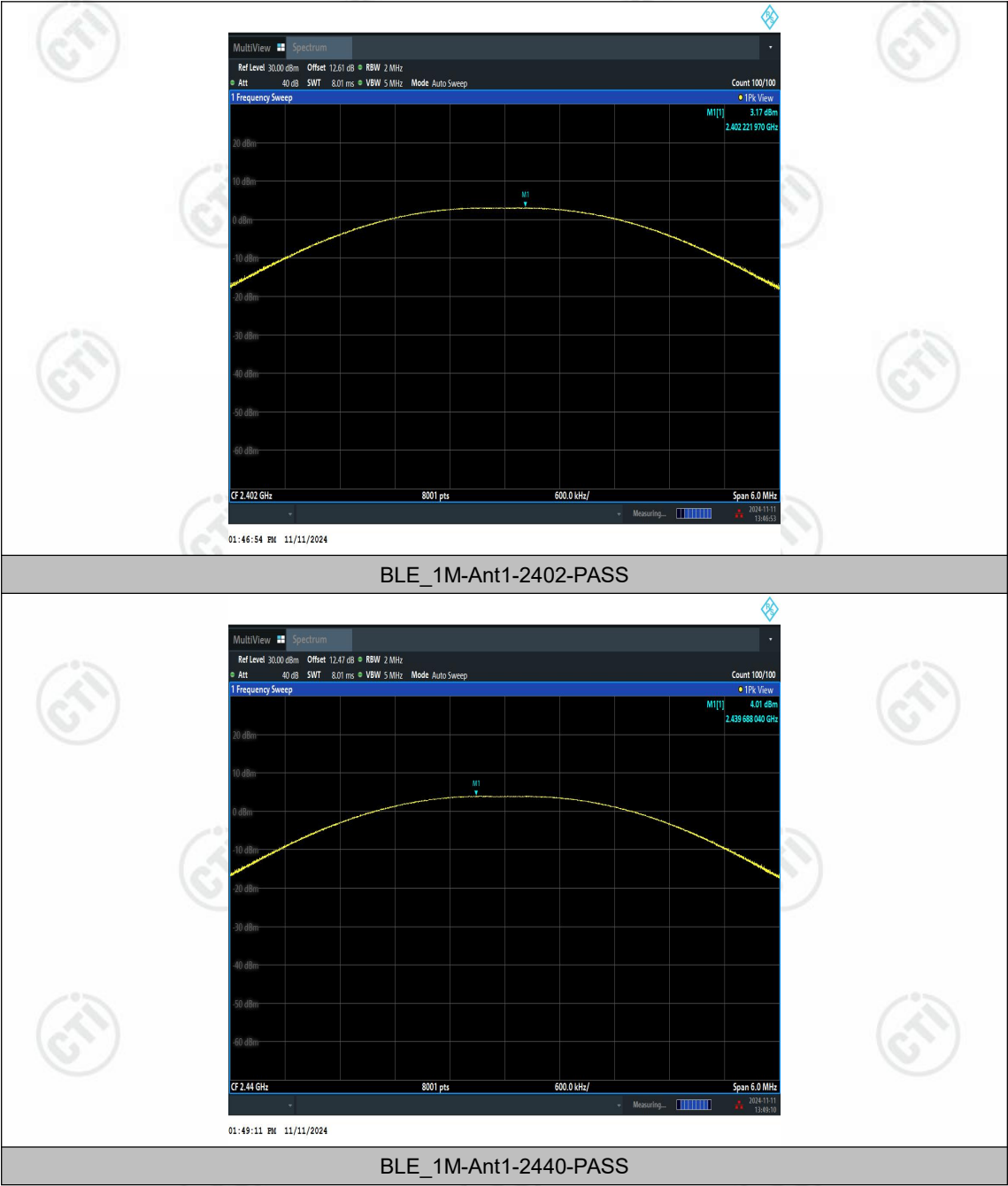


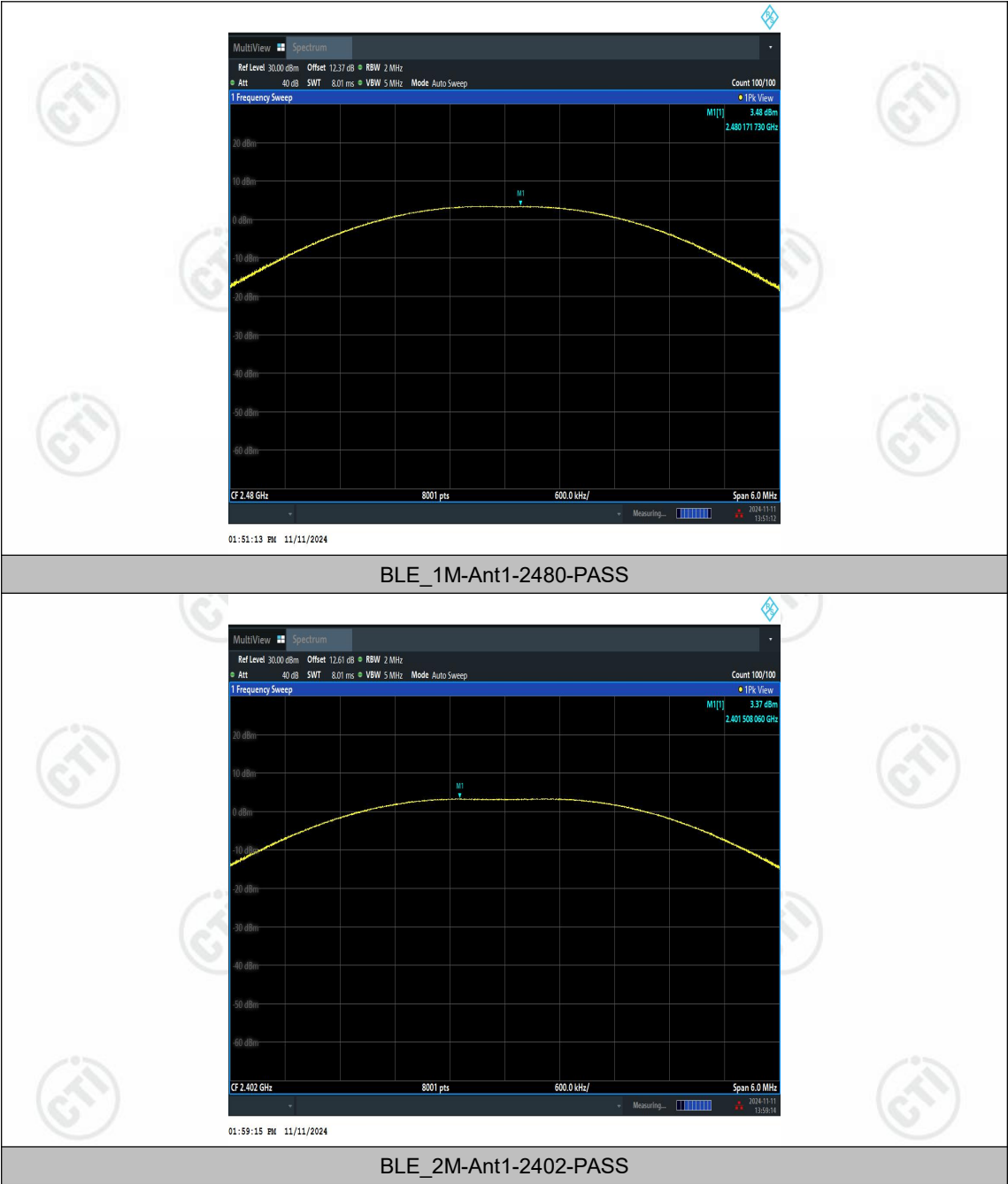
Appendix C: Maximum conducted output power

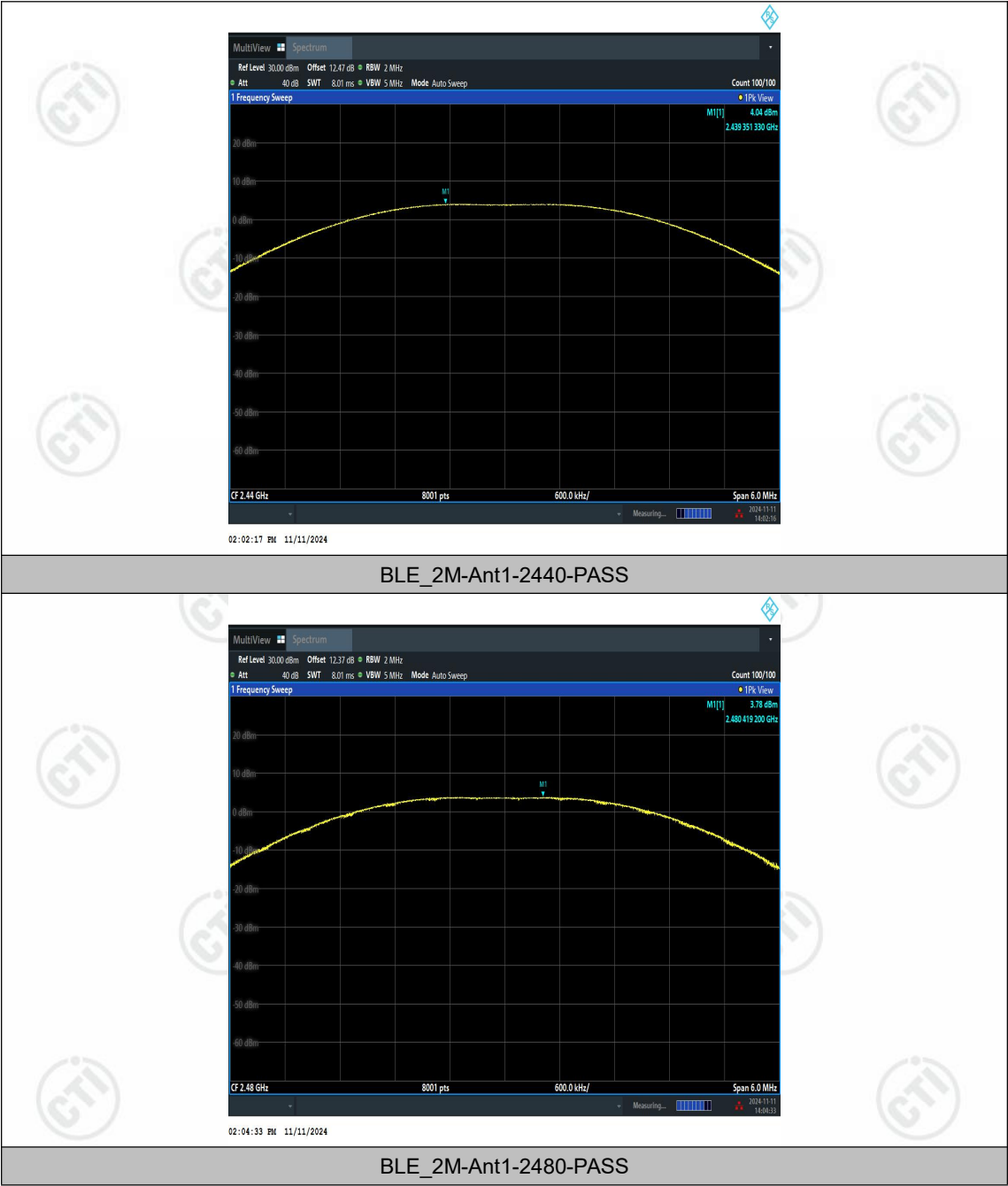
Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| BLE_1M    | Ant1    | 2402           | 3.17                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2440           | 4.01                      | ≤30                  | PASS    |
| BLE_1M    | Ant1    | 2480           | 3.48                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2402           | 3.37                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2440           | 4.04                      | ≤30                  | PASS    |
| BLE_2M    | Ant1    | 2480           | 3.78                      | ≤30                  | PASS    |

Test Graphs Peak







Appendix D: Maximum power spectral density

Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| BLE_1M   | Ant1    | 2402           | -9.97            | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -10.58           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -10.38           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -10.20           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -10.83           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -10.60           | ≤8.00           | PASS    |

Test Graphs

