

## Appendix: Bluetooth LE

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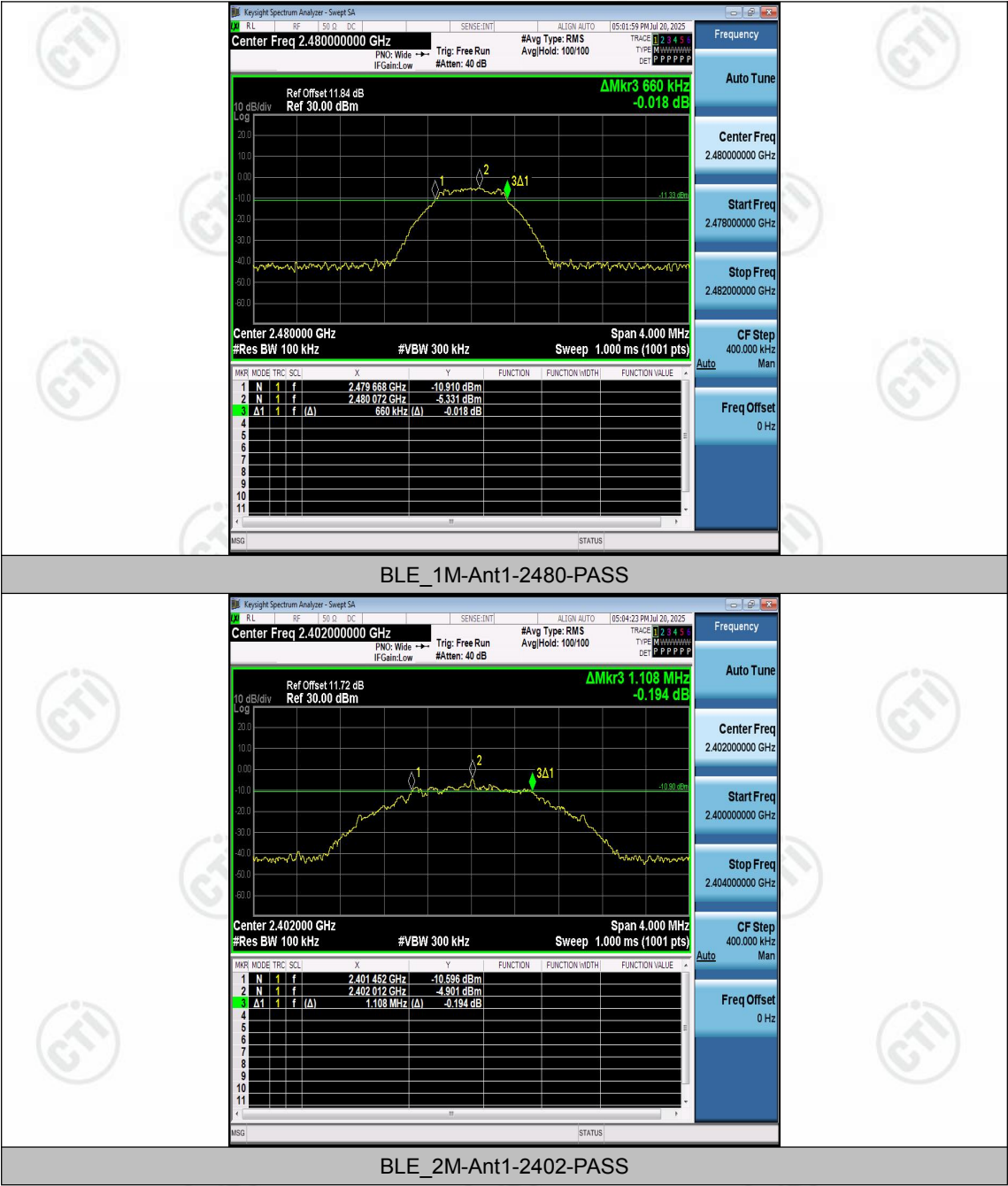
Appendix A: DTS Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|----------|----------|------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.660        | 2401.668 | 2402.328 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2440           | 0.656        | 2439.672 | 2440.328 | 0.5        | PASS    |
| BLE_1M   | Ant1    | 2480           | 0.660        | 2479.668 | 2480.328 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2402           | 1.108        | 2401.452 | 2402.560 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2440           | 1.136        | 2439.436 | 2440.572 | 0.5        | PASS    |
| BLE_2M   | Ant1    | 2480           | 1.068        | 2479.456 | 2480.524 | 0.5        | PASS    |

Test Graphs





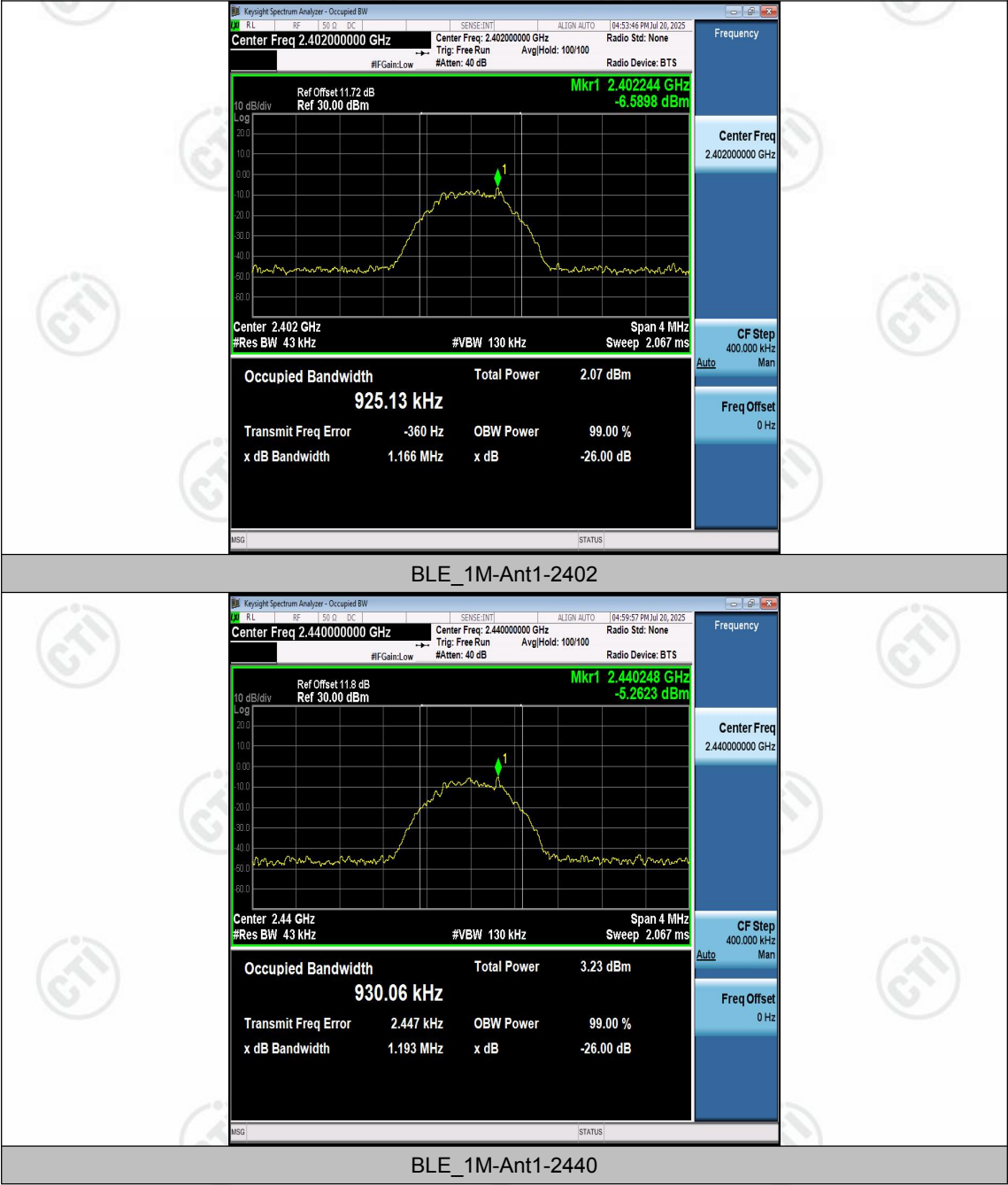


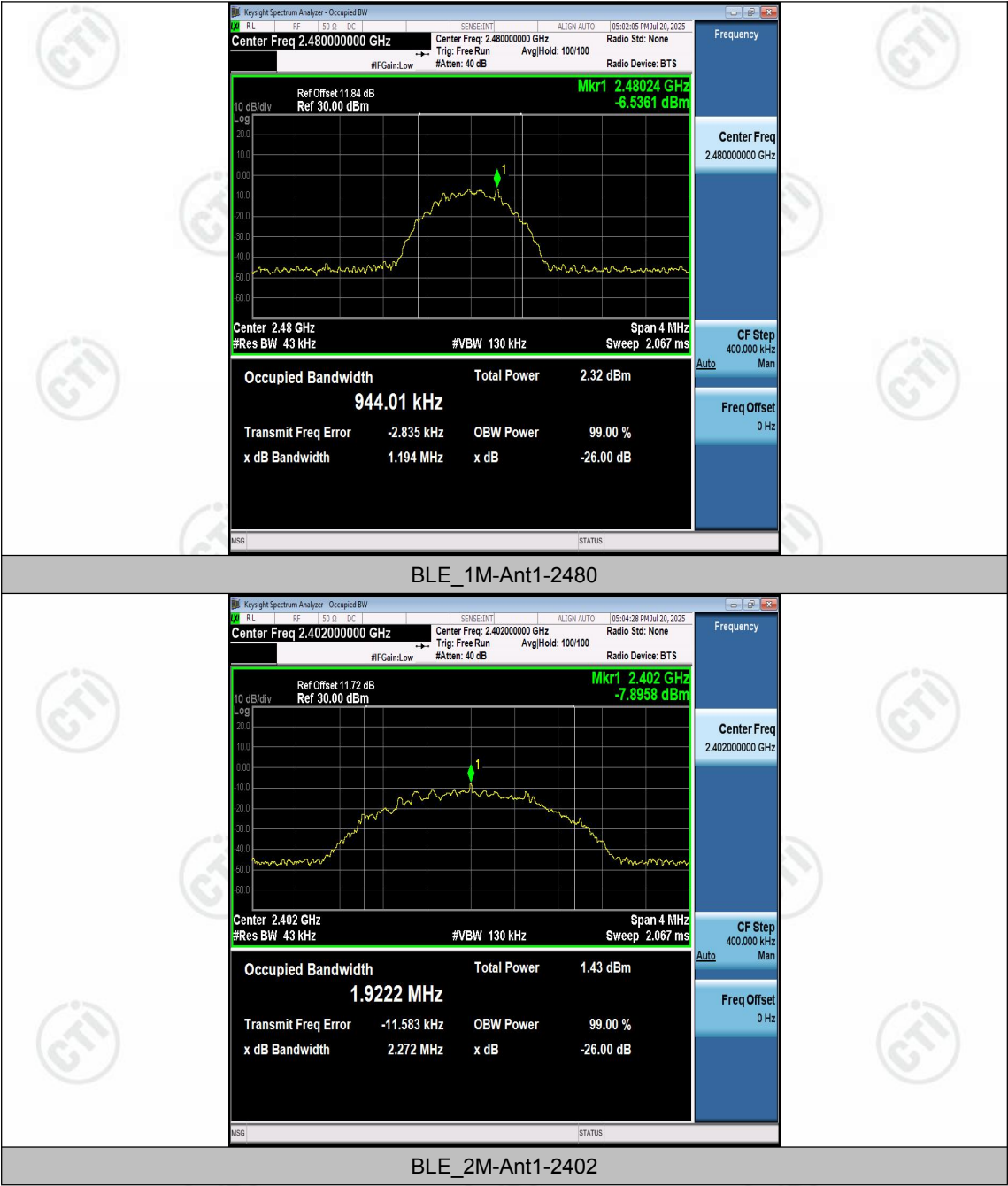
Appendix B: Occupied Channel Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit [MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|-------------|---------|
| BLE_1M   | Ant1    | 2402           | 0.92513   | 2401.5371 | 2402.4622 | ---         | ---     |
| BLE_1M   | Ant1    | 2440           | 0.93006   | 2439.5374 | 2440.4675 | ---         | ---     |
| BLE_1M   | Ant1    | 2480           | 0.94401   | 2479.5252 | 2480.4692 | ---         | ---     |
| BLE_2M   | Ant1    | 2402           | 1.9222    | 2401.0273 | 2402.9495 | ---         | ---     |
| BLE_2M   | Ant1    | 2440           | 1.8902    | 2439.0497 | 2440.9399 | ---         | ---     |
| BLE_2M   | Ant1    | 2480           | 1.8854    | 2479.0649 | 2480.9503 | ---         | ---     |

Test Graphs





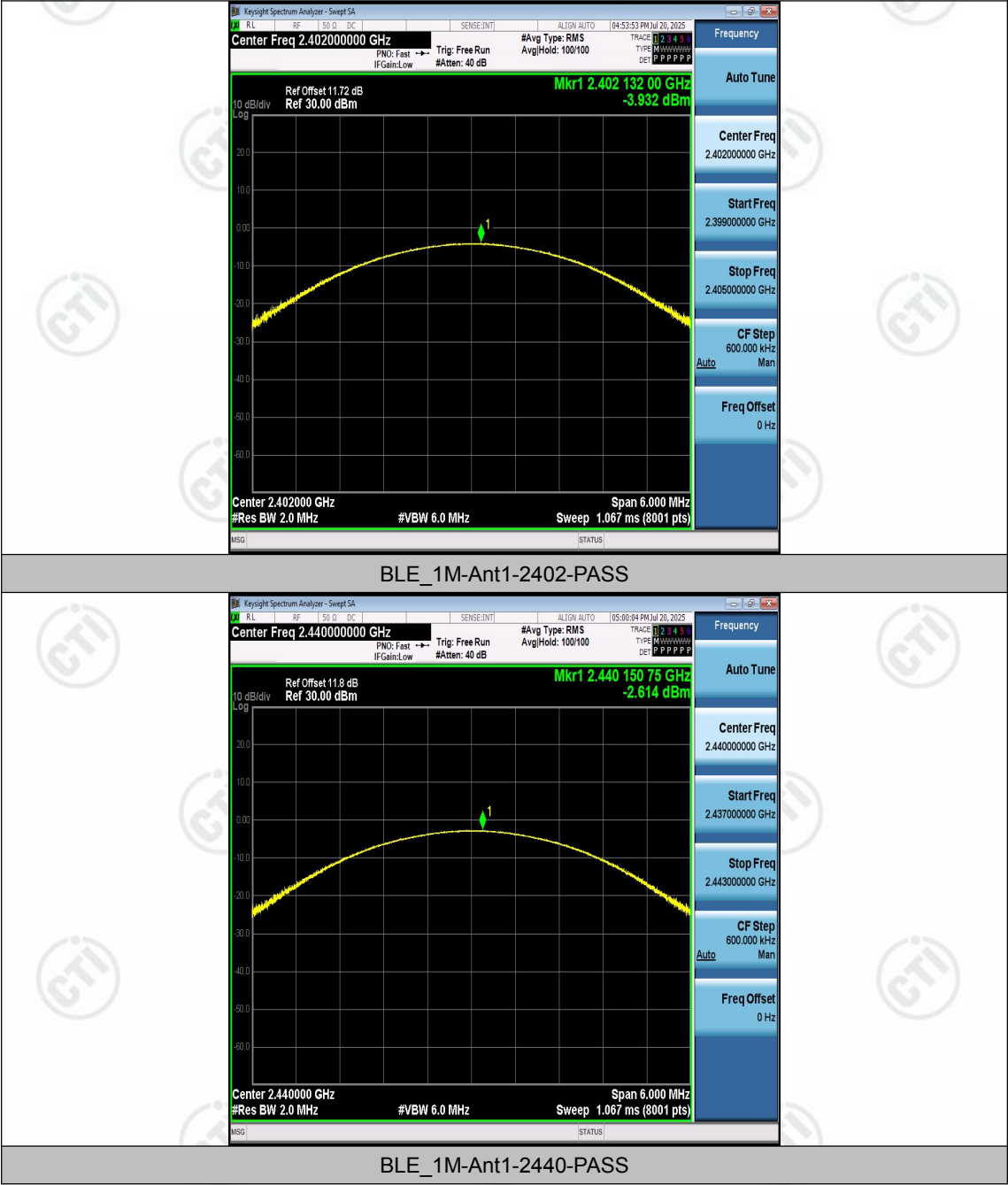


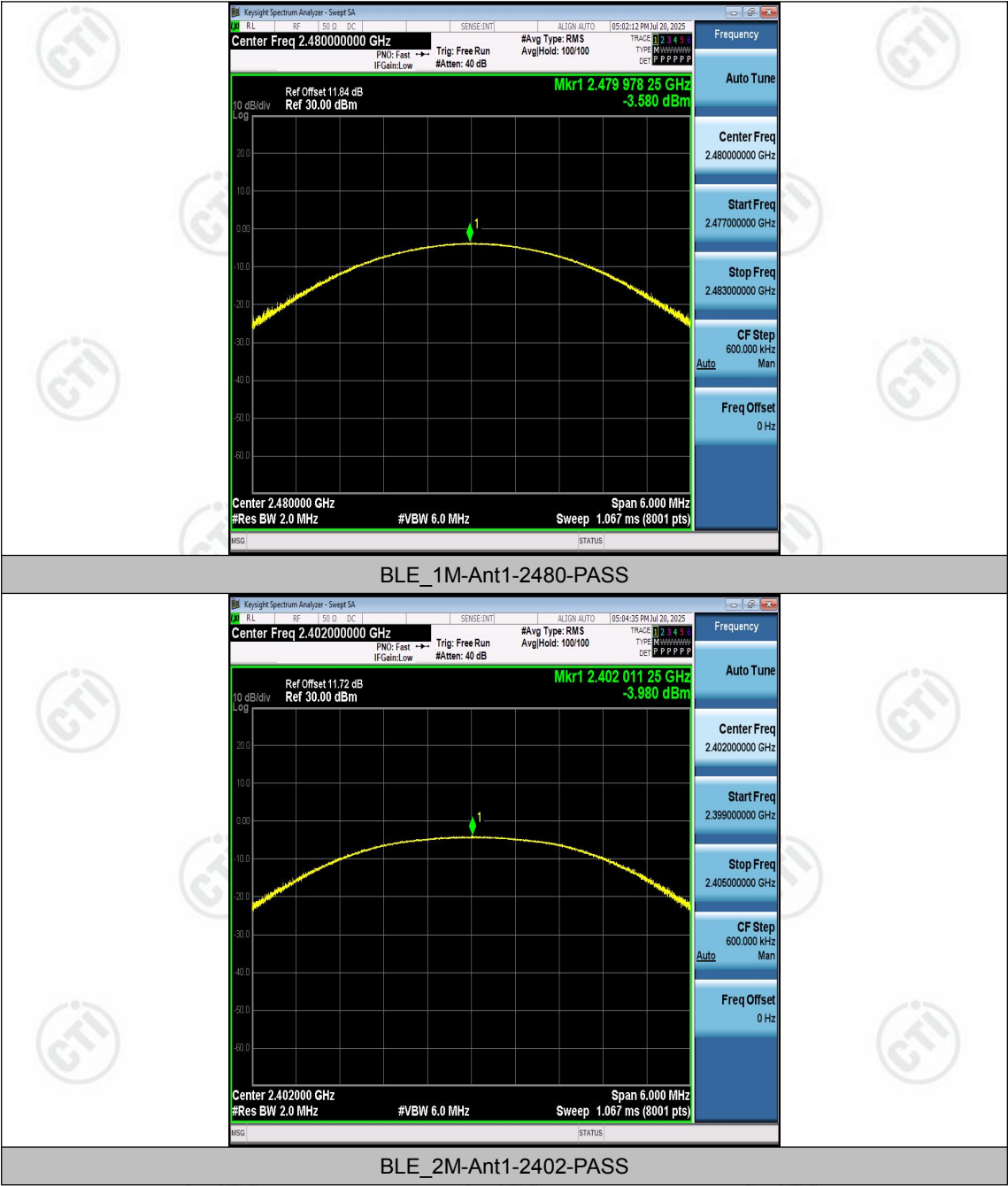
Appendix C: Maximum conducted output power

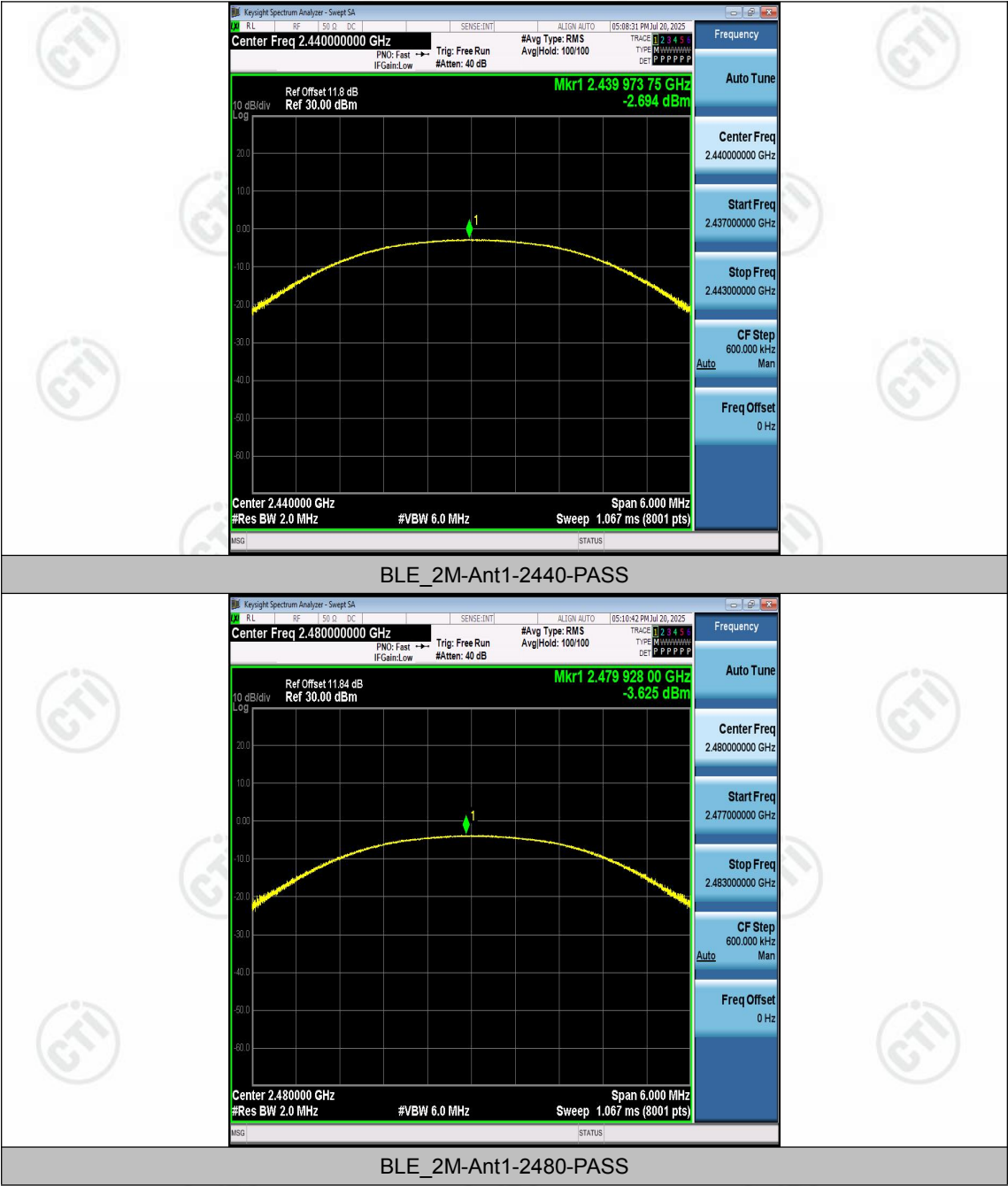
Test Result Peak

| TestMode | Antenna | Frequency[MHz] | Conducted<br>Peak<br>Power[dBm] | Conducted<br>Limit[dBm] | EIRP[dBm] | EIRP<br>Limit[dBm] | Verdict |
|----------|---------|----------------|---------------------------------|-------------------------|-----------|--------------------|---------|
| BLE_1M   | Ant1    | 2402           | -3.93                           | ≤30                     | -1.52     | ≤36                | PASS    |
| BLE_1M   | Ant1    | 2440           | -2.61                           | ≤30                     | -0.20     | ≤36                | PASS    |
| BLE_1M   | Ant1    | 2480           | -3.58                           | ≤30                     | -1.17     | ≤36                | PASS    |
| BLE_2M   | Ant1    | 2402           | -3.98                           | ≤30                     | -1.57     | ≤36                | PASS    |
| BLE_2M   | Ant1    | 2440           | -2.69                           | ≤30                     | -0.28     | ≤36                | PASS    |
| BLE_2M   | Ant1    | 2480           | -3.63                           | ≤30                     | -1.22     | ≤36                | 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           | -20.45           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2440           | -19.06           | ≤8.00           | PASS    |
| BLE_1M   | Ant1    | 2480           | -20.02           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2402           | -22.88           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2440           | -21.44           | ≤8.00           | PASS    |
| BLE_2M   | Ant1    | 2480           | -22.52           | ≤8.00           | PASS    |