

Appendix: Bluetooth LE

Contents

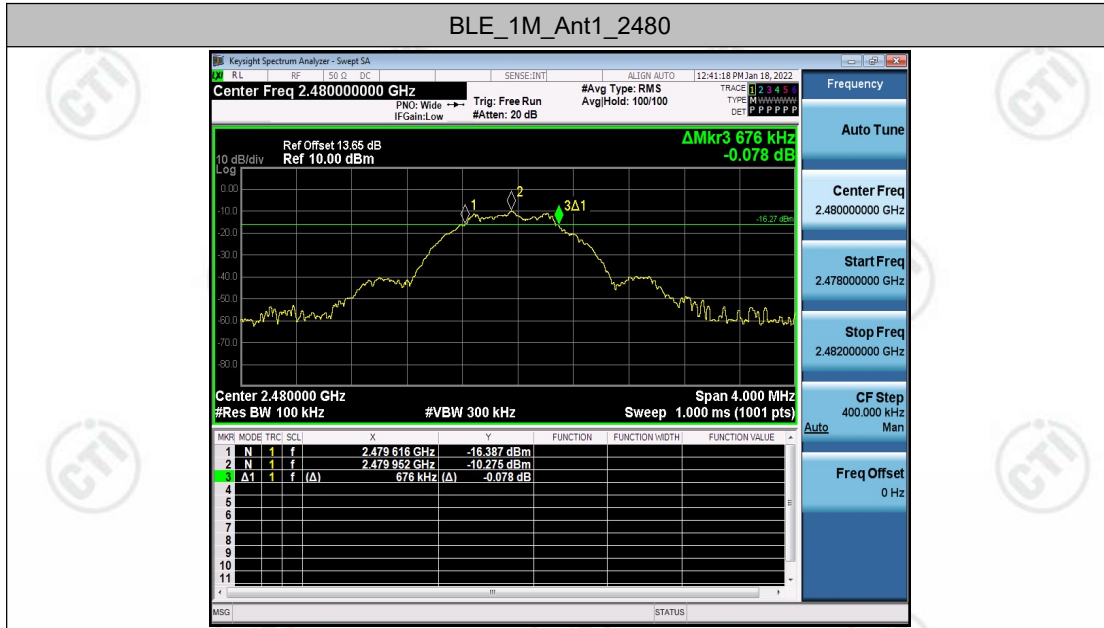
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Appendix A: DTS Bandwidth**Test Result**

| Test Mode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| BLE_1M | Ant1 | 2402 | 0.704 | 2401.596 | 2402.300 | 0.5 | PASS |
| | | 2440 | 0.696 | 2439.596 | 2440.292 | 0.5 | PASS |
| | | 2480 | 0.676 | 2479.616 | 2480.292 | 0.5 | PASS |

Test Graphs

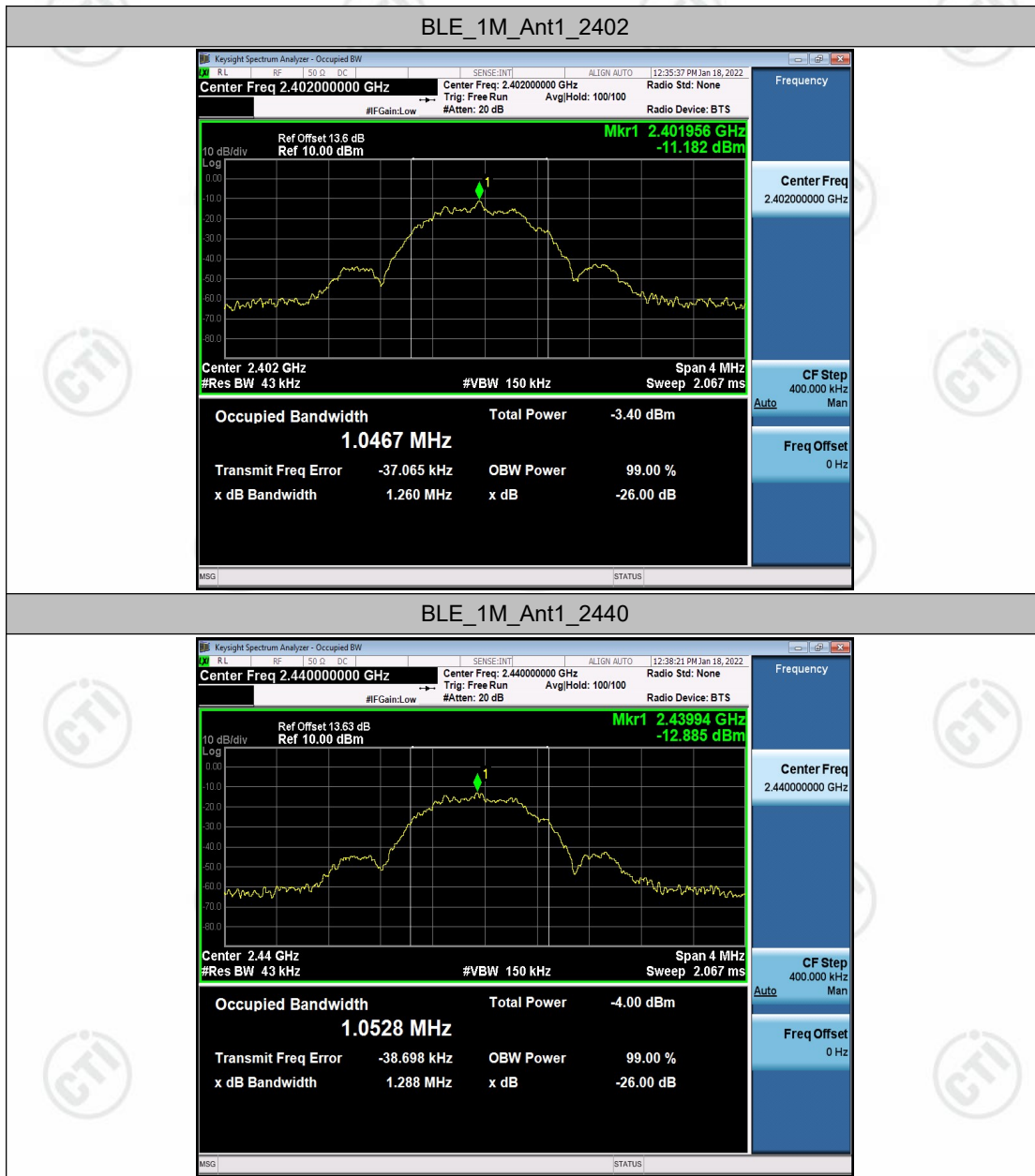


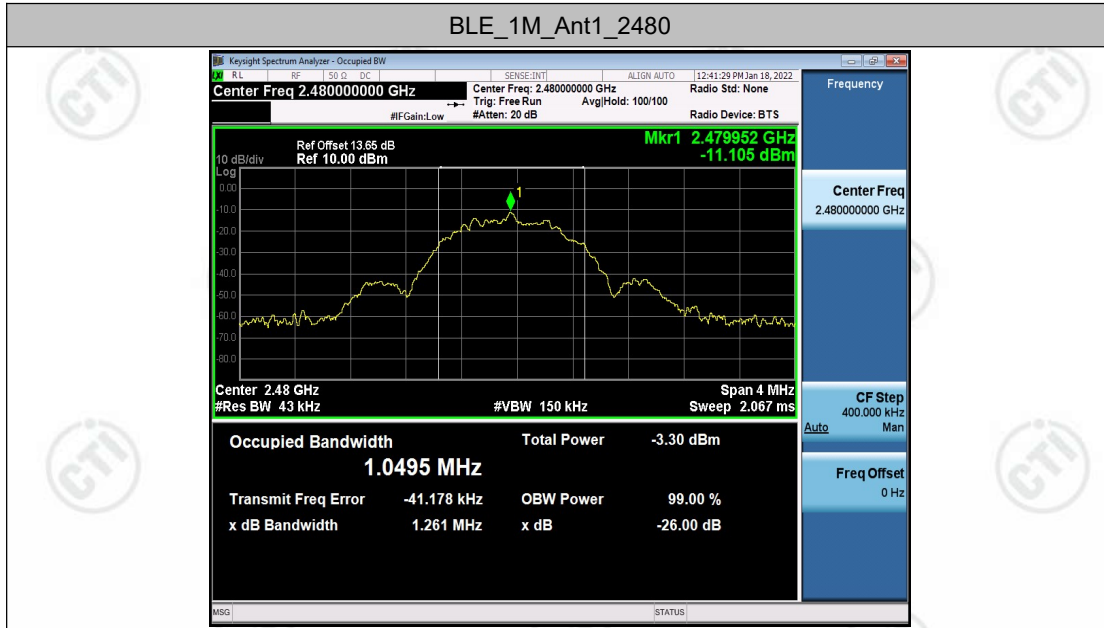


Appendix B: Occupied Channel Bandwidth**Test Result**

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| BLE_1M | Ant1 | 2402 | 1.0467 | 2401.440 | 2402.486 | --- | PASS |
| | | 2440 | 1.0528 | 2439.435 | 2440.488 | --- | PASS |
| | | 2480 | 1.0495 | 2479.434 | 2480.484 | --- | PASS |

Test Graphs

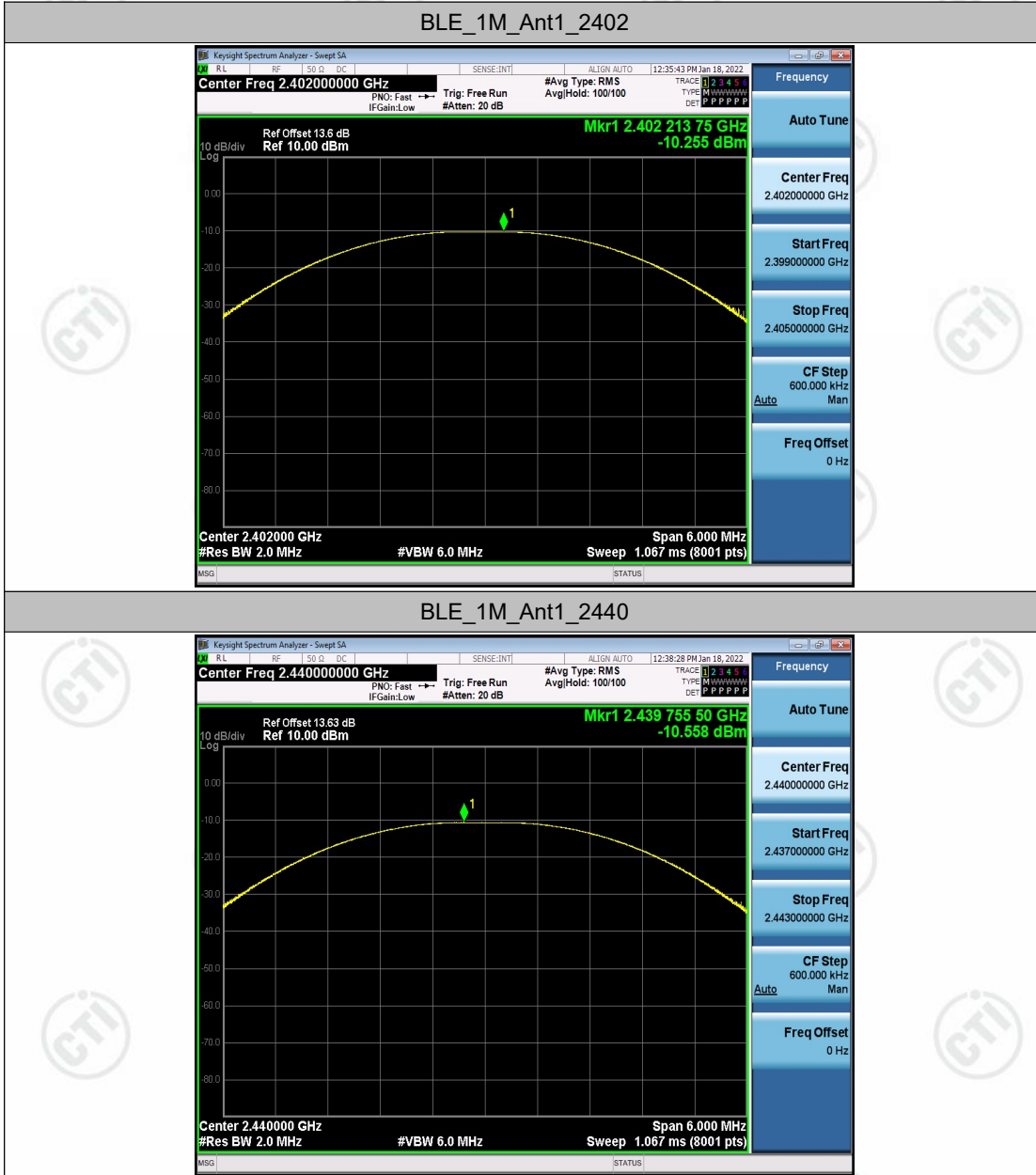


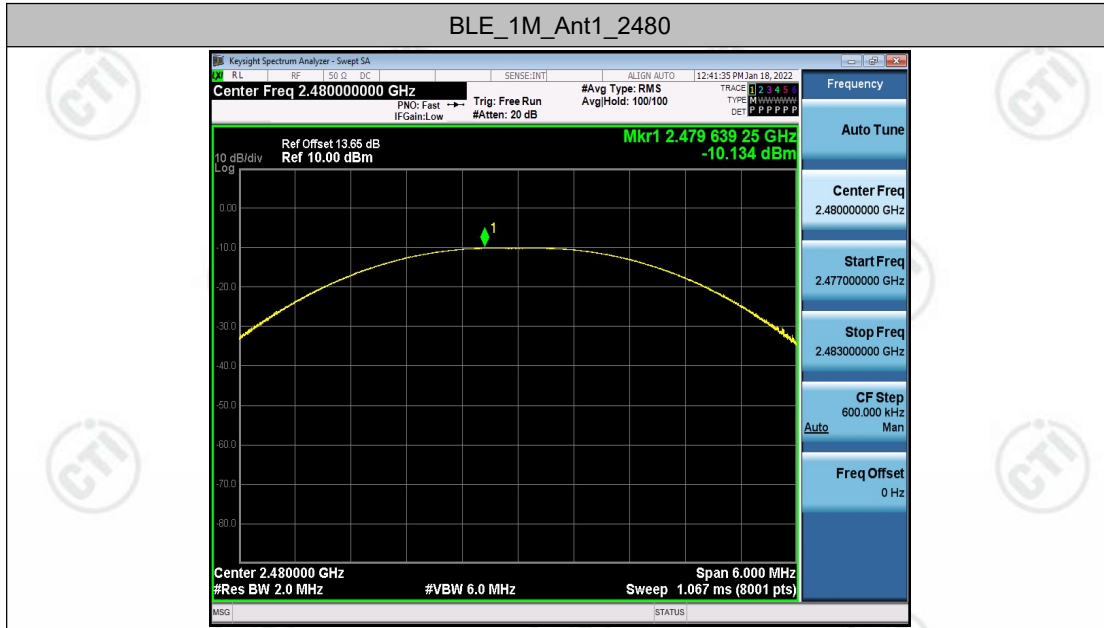


Appendix C: Maximum conducted output power**Test Result**

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| BLE_1M | Ant1 | 2402 | -10.26 | <=30 | PASS |
| | | 2440 | -10.56 | <=30 | PASS |
| | | 2480 | -10.13 | <=30 | PASS |

Test Graphs

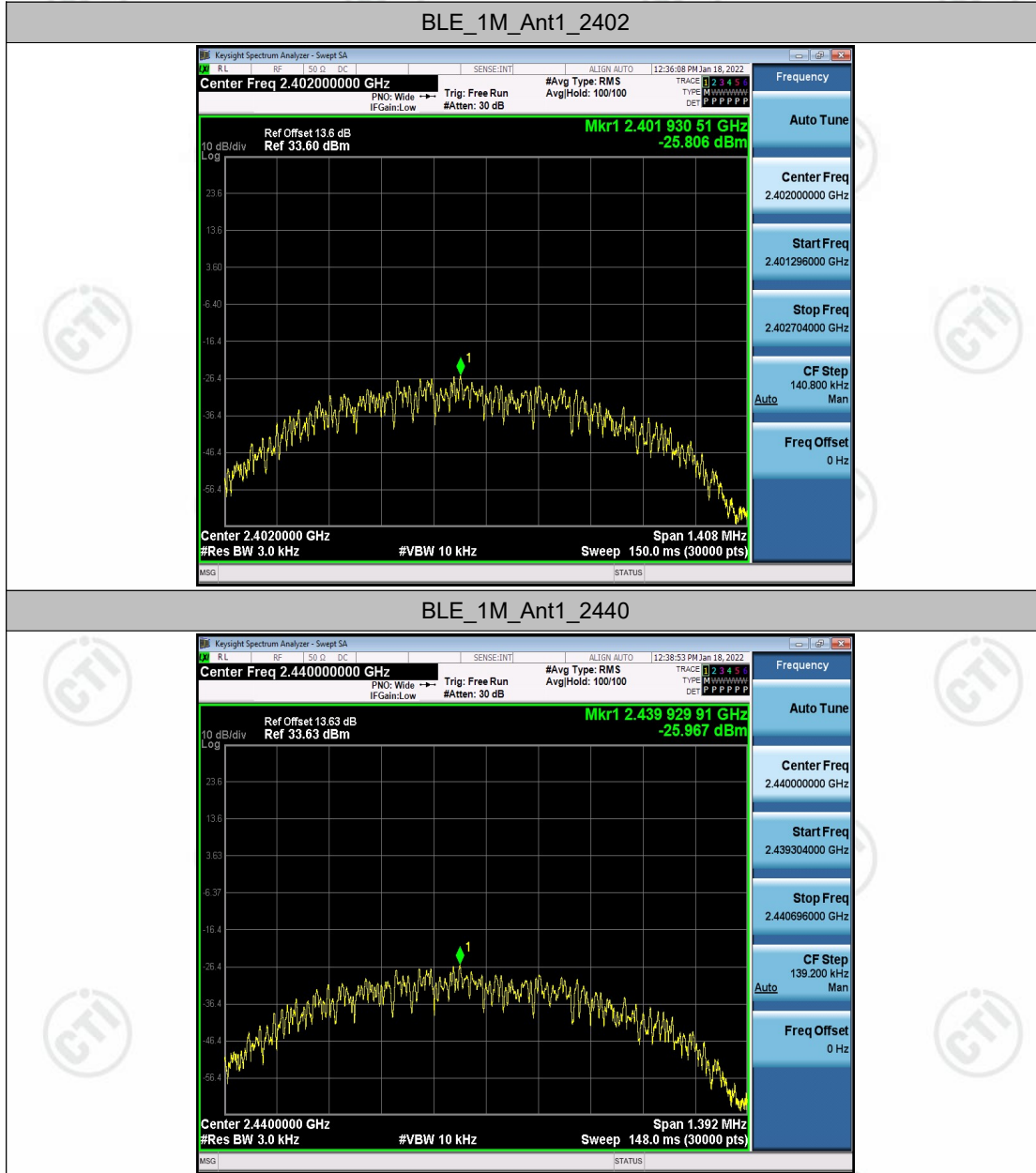


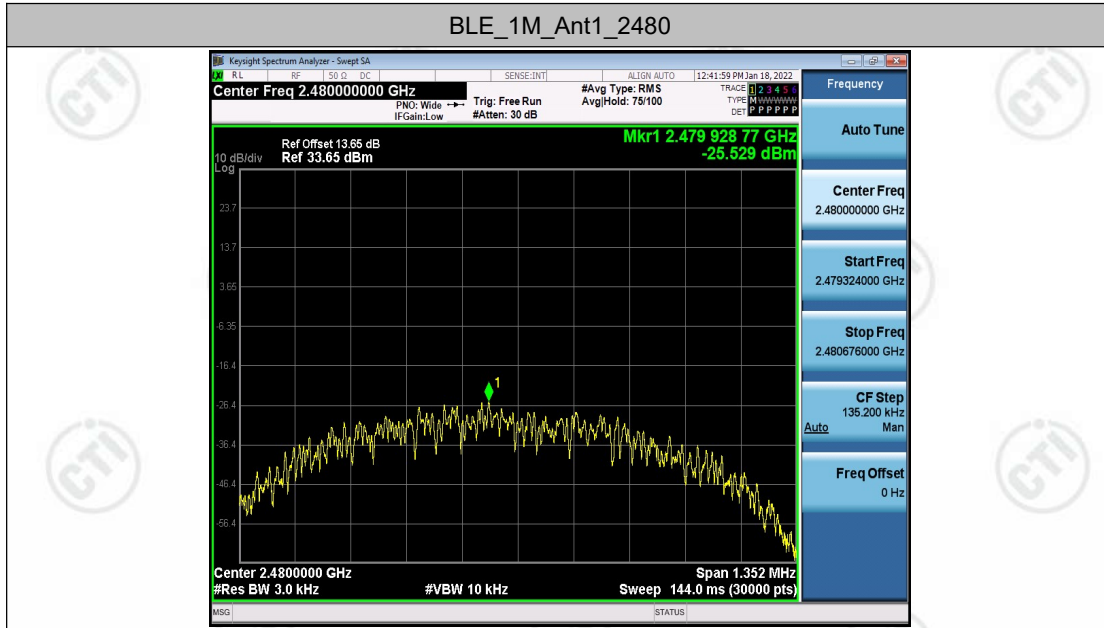


Appendix D: Maximum power spectral density**Test Result**

| Test Mode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| BLE_1M | Ant1 | 2402 | -25.81 | <=8 | PASS |
| | | 2440 | -25.97 | <=8 | PASS |
| | | 2480 | -25.53 | <=8 | PASS |

Test Graphs





Appendix E: Band edge measurements**Test Result**

| Test Mode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| BLE_1M | Ant1 | Low | 2402 | -10.38 | -46.54 | <=-30.38 | PASS |
| | | High | 2480 | -9.92 | -45.2 | <=-29.92 | PASS |