

Appendix: 2.4G

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Appendix A: DTS Bandwidth

Test Result

| Test Mode | Antenna | Channel | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 2.4G | Ant1 | 2402 | 0.628 | 2401.676 | 2402.304 | 0.5 | PASS |
| | | 2440 | 0.656 | 2439.664 | 2440.320 | 0.5 | PASS |
| | | 2480 | 0.704 | 2479.648 | 2480.352 | 0.5 | PASS |

Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2440





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

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 2.4G | Ant1 | 2402 | 1.8102 | 2401.104 | 2402.914 | --- | PASS |
| | | 2440 | 1.8505 | 2439.083 | 2440.934 | --- | PASS |
| | | 2480 | 1.8895 | 2479.064 | 2480.954 | --- | PASS |

Test Graphs





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

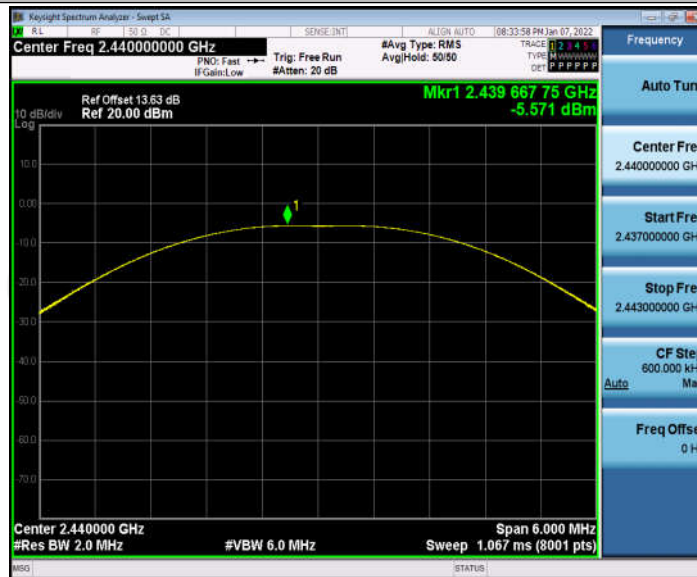
| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 2.4G | Ant1 | 2402 | -5.14 | <=30 | PASS |
| | | 2440 | -5.57 | <=30 | PASS |
| | | 2480 | -5.33 | <=30 | PASS |

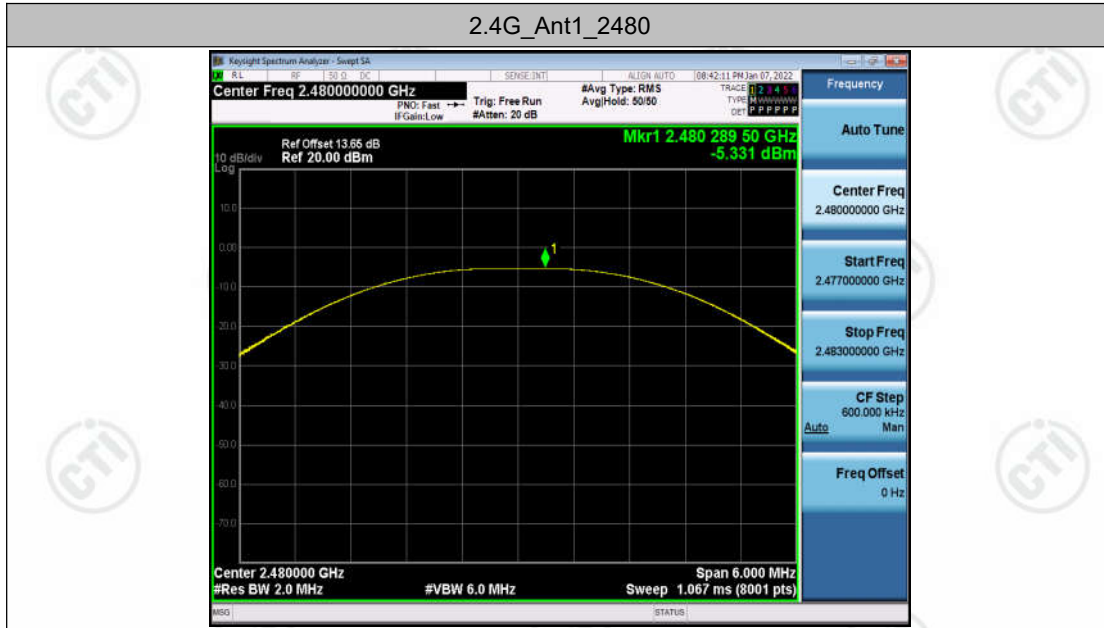
Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2440



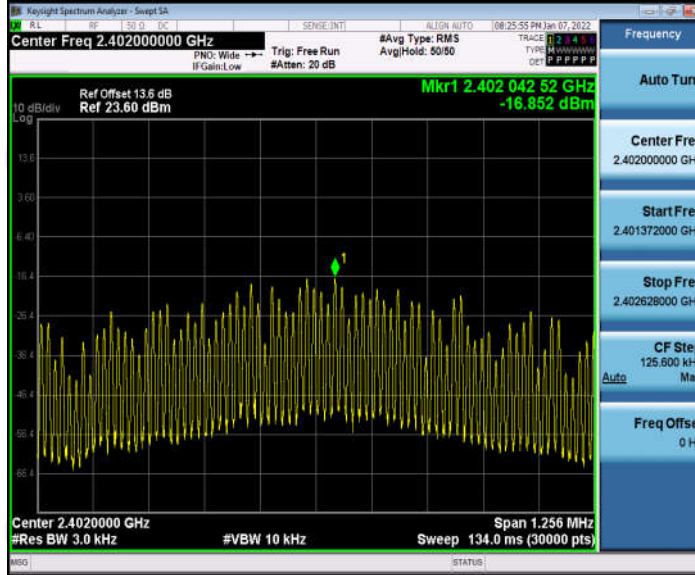


Appendix D: Maximum power spectral density**Test Result**

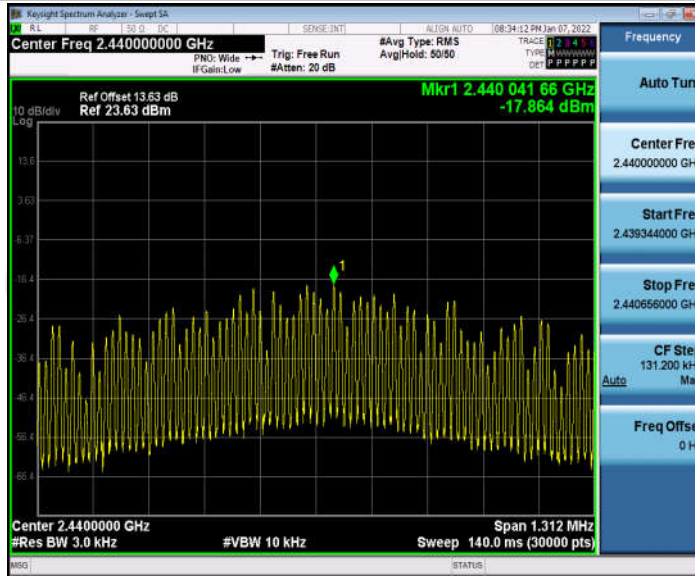
| Test Mode | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 2.4G | Ant1 | 2402 | -16.85 | <=8 | PASS |
| | | 2440 | -17.86 | <=8 | PASS |
| | | 2480 | -18.11 | <=8 | PASS |

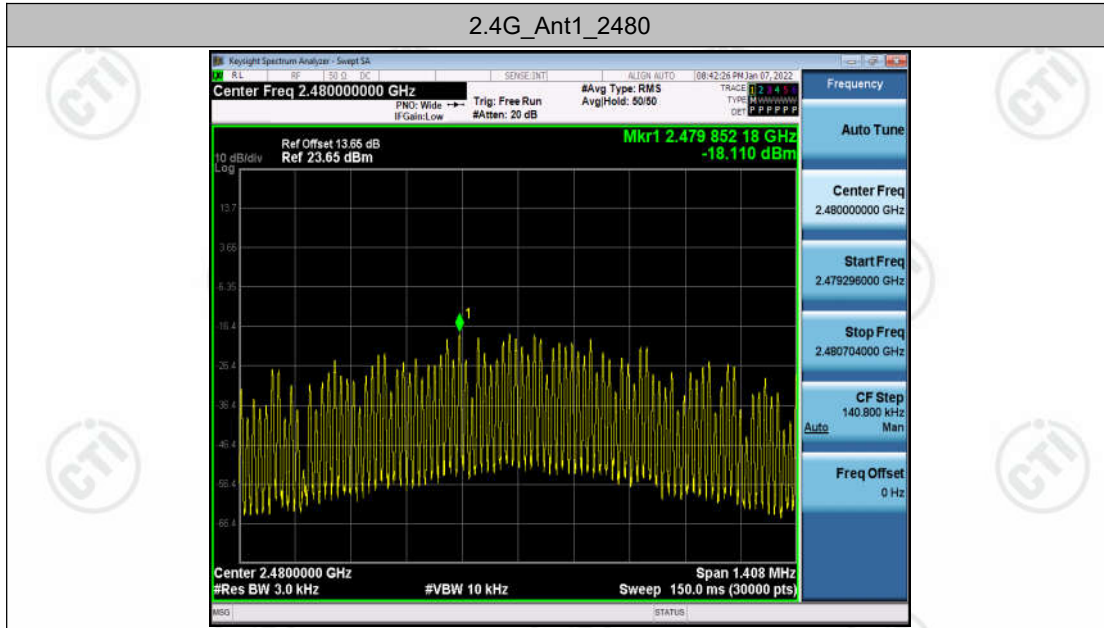
Test Graphs

2.4G_Ant1_2402



2.4G_Ant1_2440



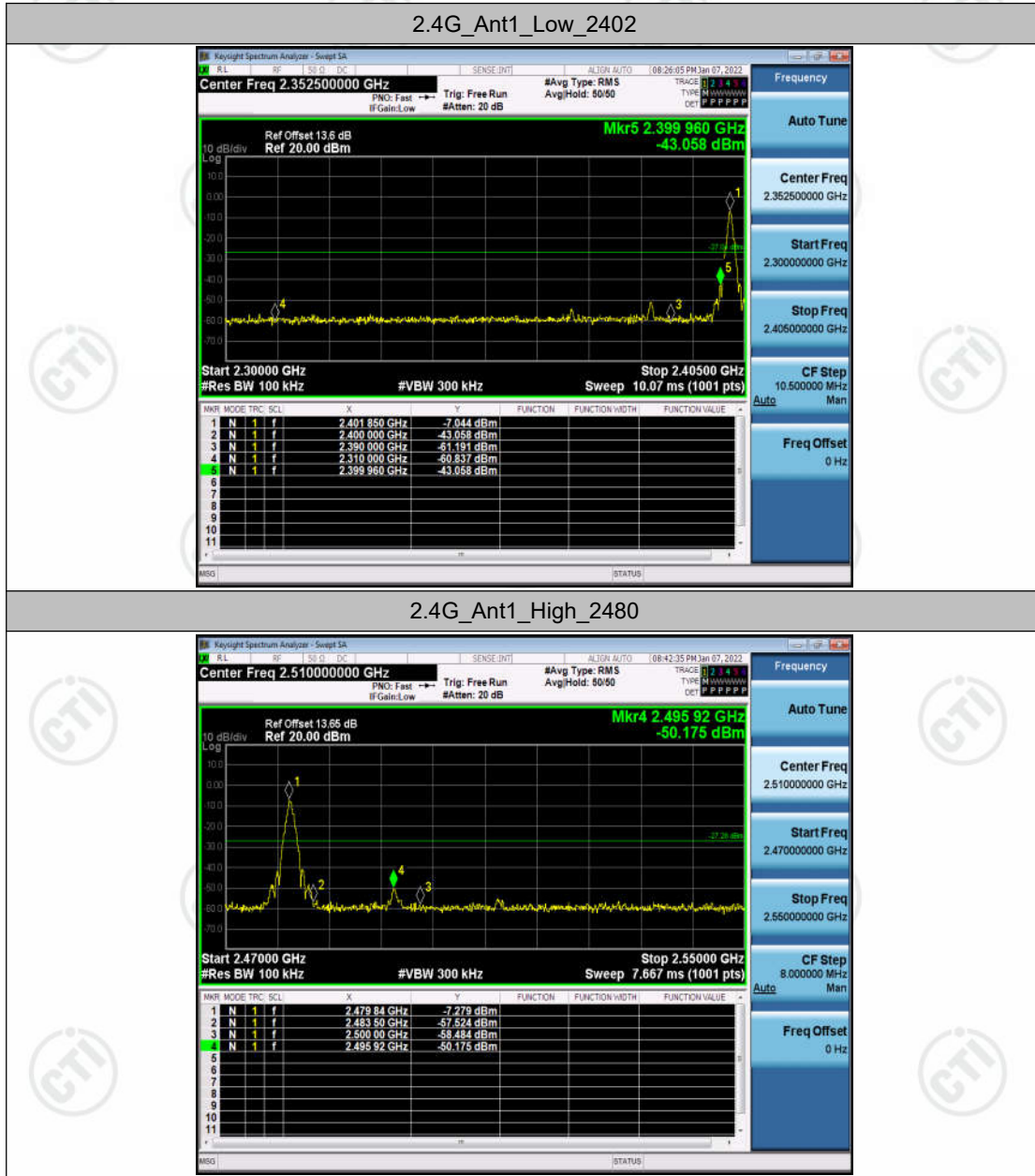


Appendix E: Band edge measurements

Test Result

| Test Mode | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 2.4G | Ant1 | Low | 2402 | -7.04 | -43.06 | <=-27.04 | PASS |
| | | High | 2480 | -7.28 | -50.18 | <=-27.28 | PASS |

Test Graphs

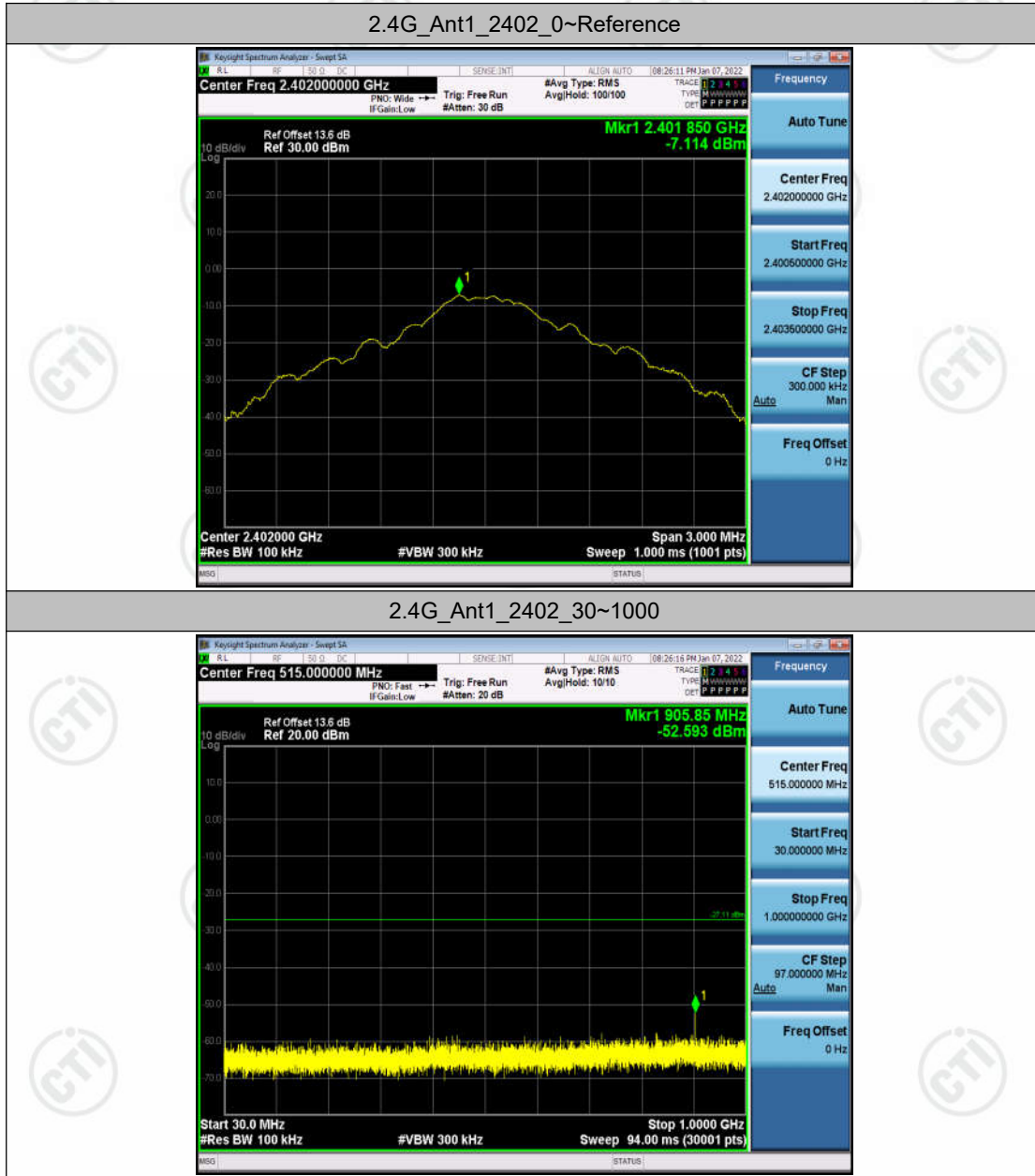


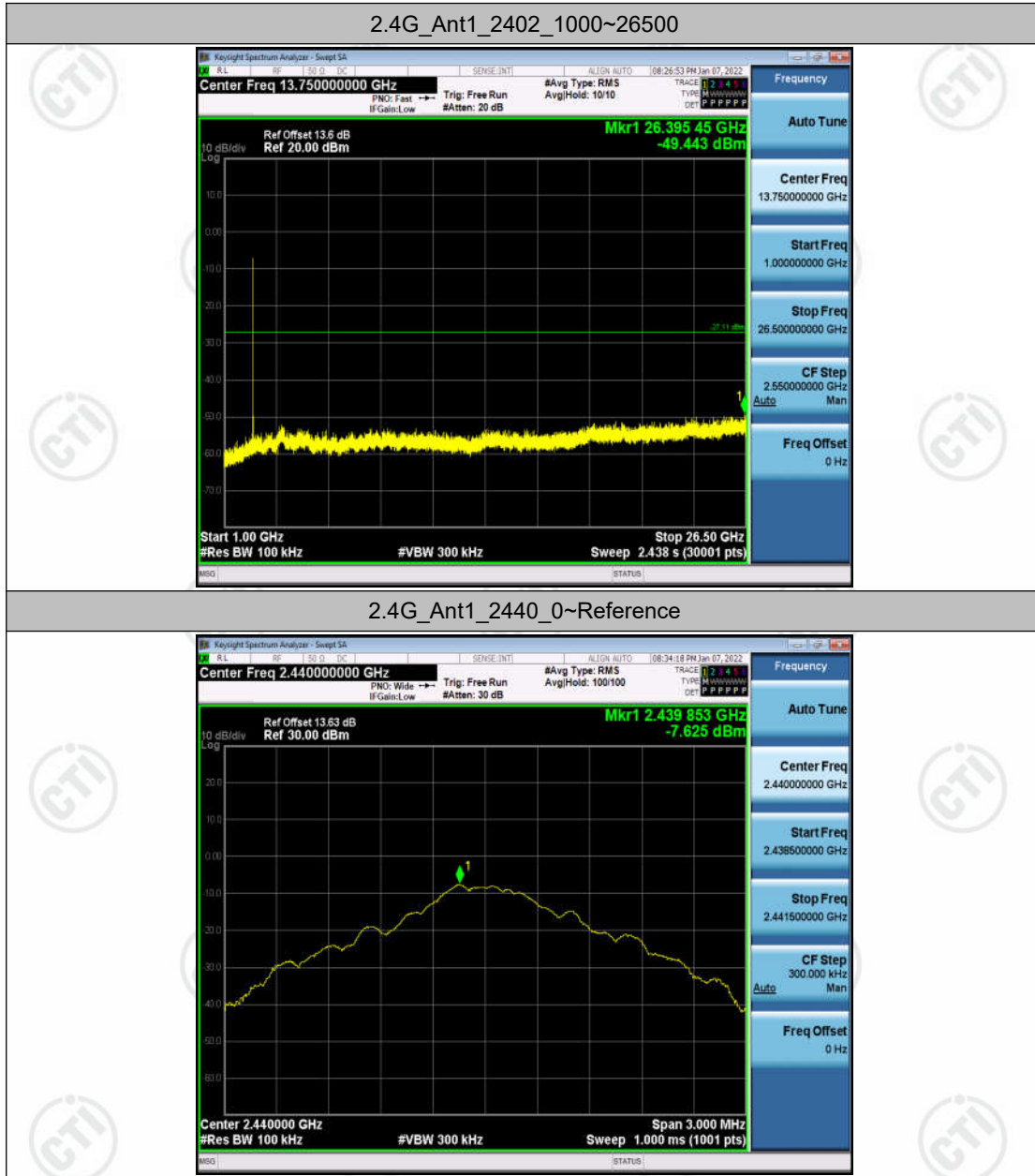
Appendix F: Conducted Spurious Emission

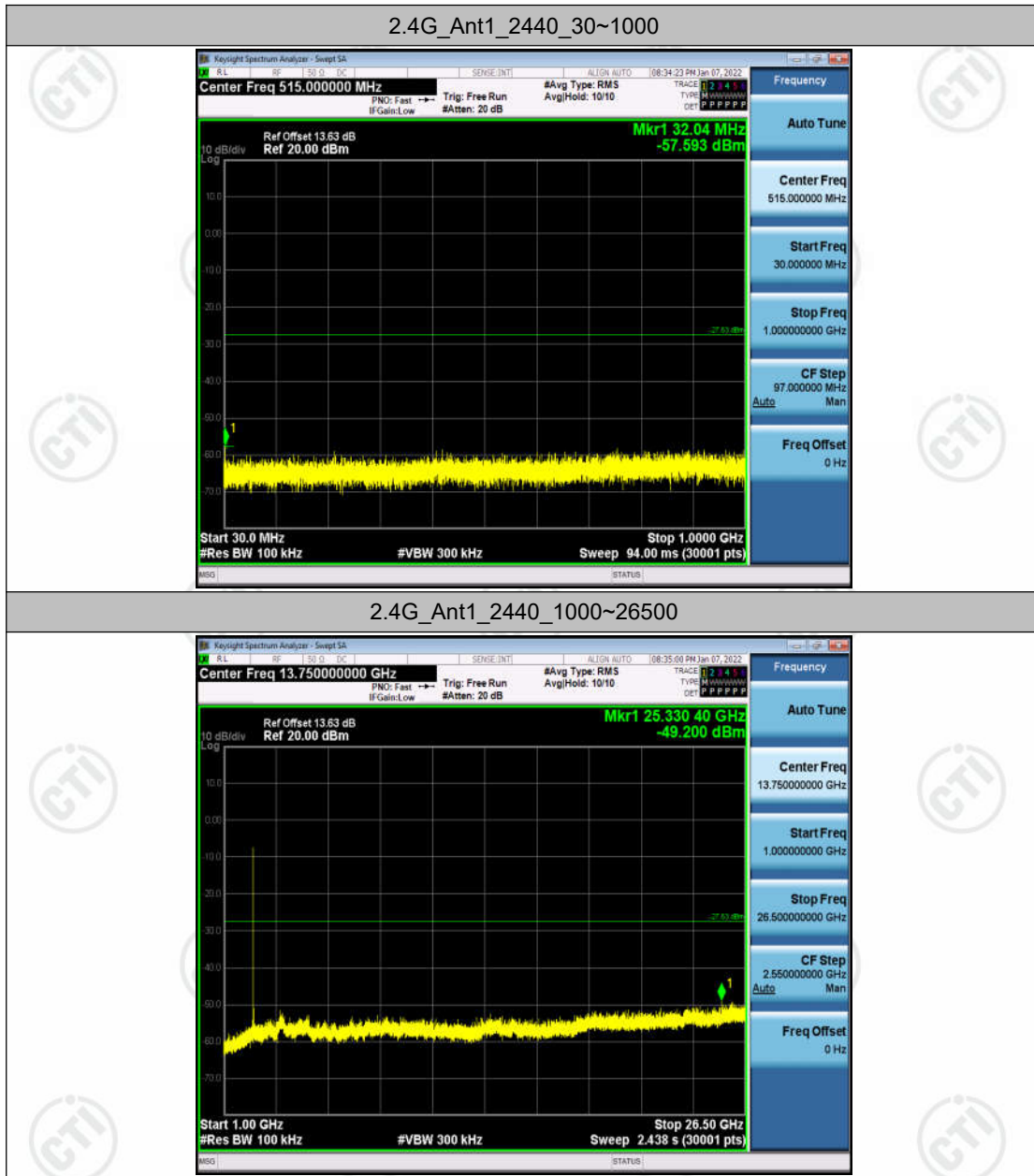
Test Result

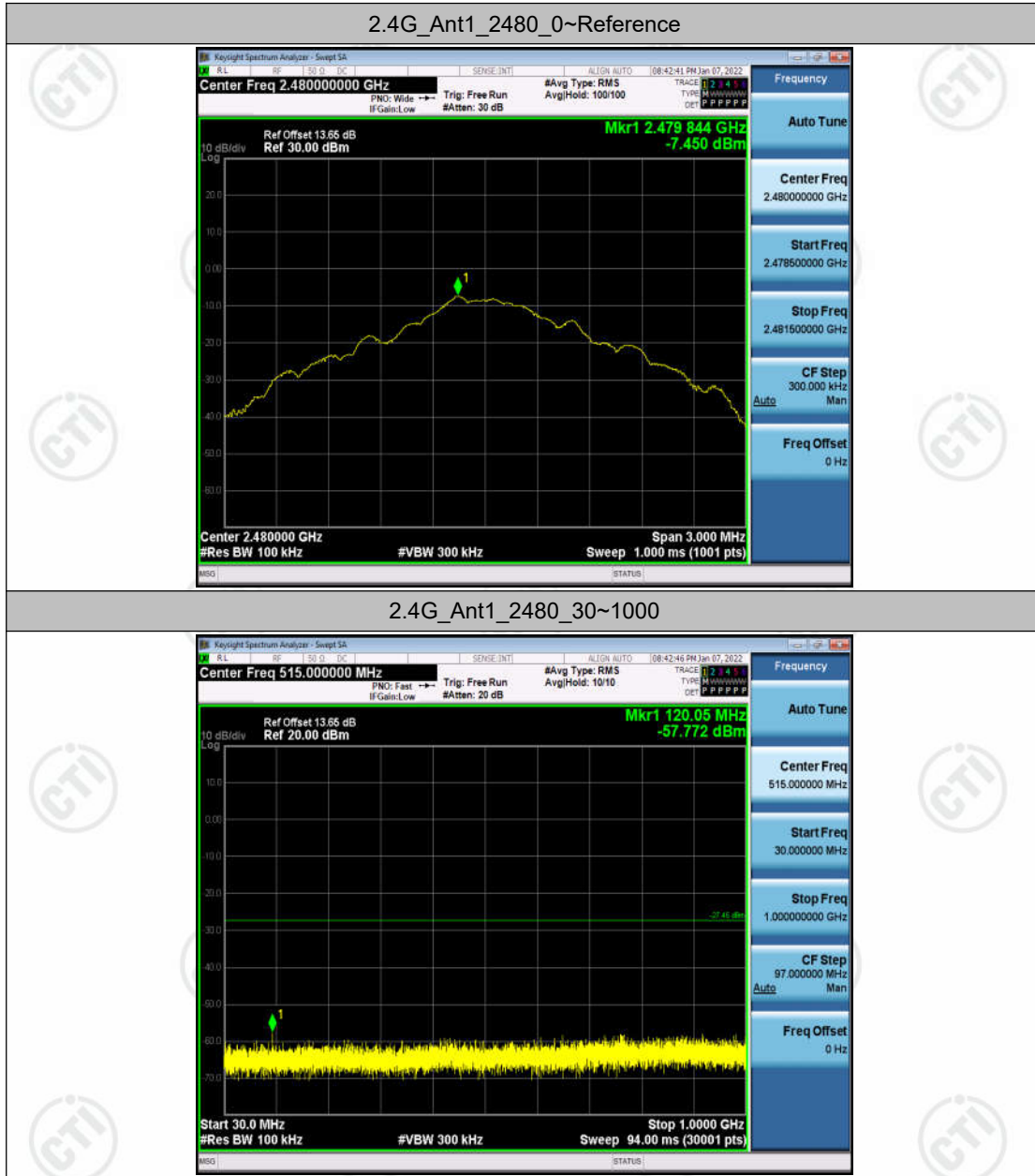
| Test Mode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-----------------|----------------|-------------|------------|---------|
| 2.4G | Ant1 | 2402 | Reference | -7.11 | -7.11 | --- | PASS |
| | | | 30~1000 | --- | -52.593 | <=-27.114 | PASS |
| | | | 1000~26500 | --- | -49.443 | <=-27.114 | PASS |
| | | 2440 | Reference | -7.63 | -7.63 | --- | PASS |
| | | | 30~1000 | --- | -57.593 | <=-27.625 | PASS |
| | | | 1000~26500 | --- | -49.2 | <=-27.625 | PASS |
| | | 2480 | Reference | -7.45 | -7.45 | --- | PASS |
| | | | 30~1000 | --- | -57.772 | <=-27.45 | PASS |
| | | | 1000~26500 | --- | -49.633 | <=-27.45 | PASS |

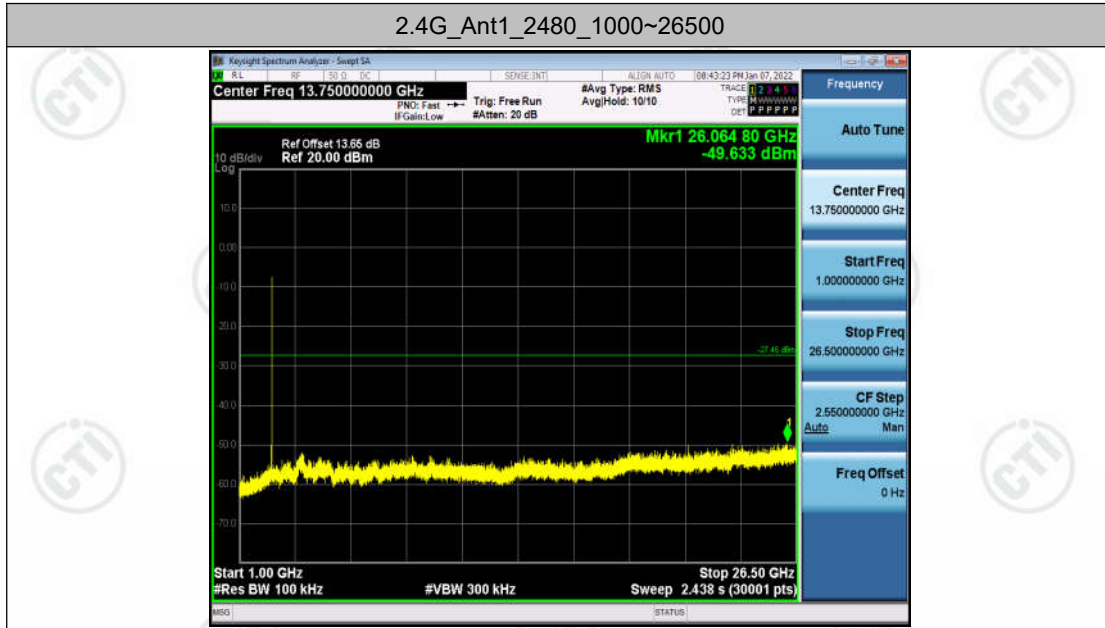
Test Graphs









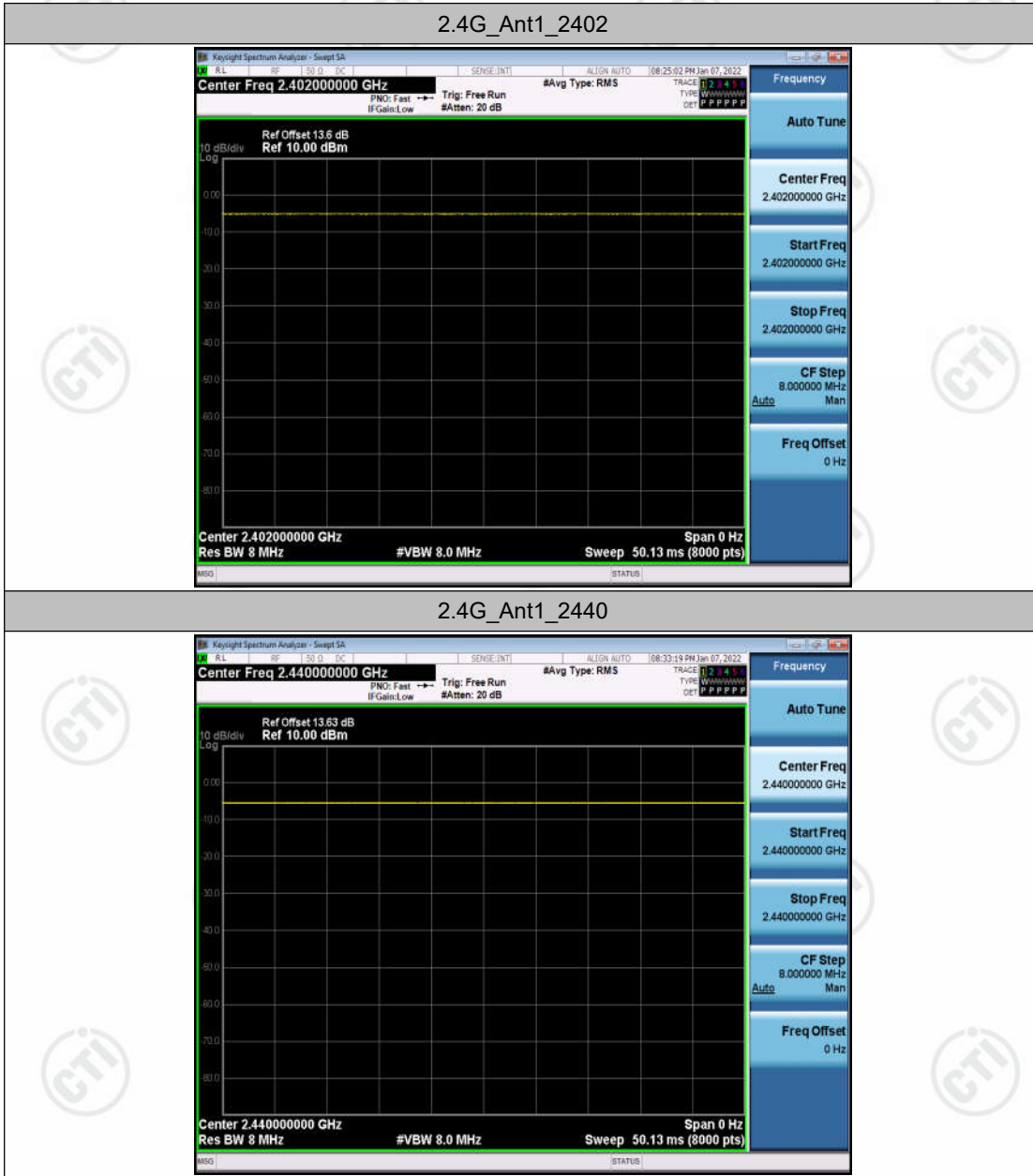


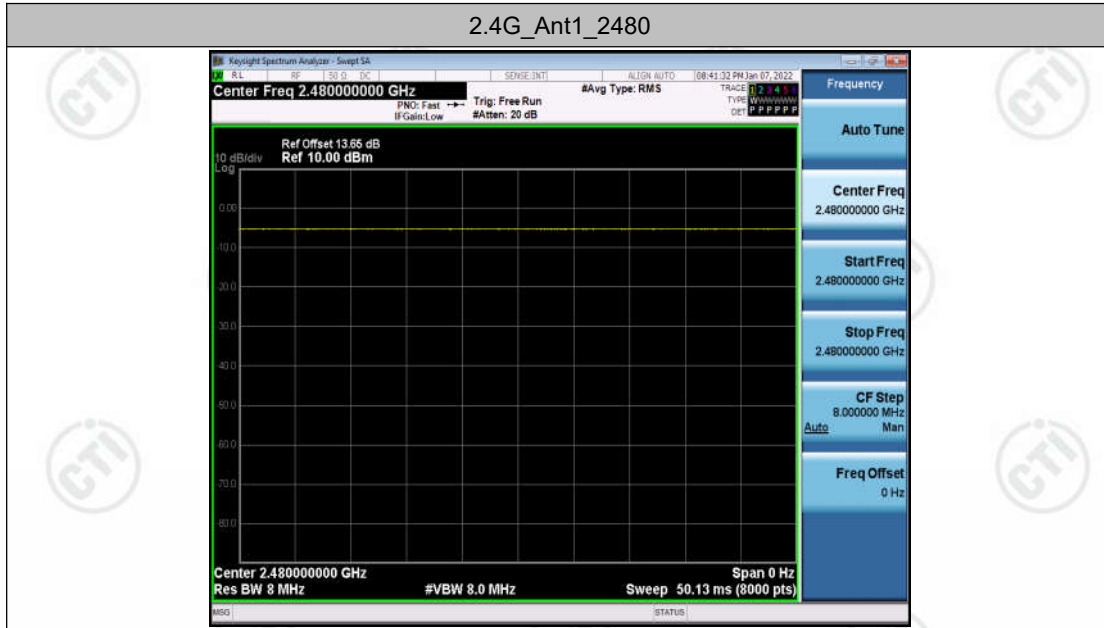
Appendix G: Duty Cycle

Test Result

| Test Mode | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 2.4G | Ant1 | 2402 | 50.00 | 50.00 | 100.00 | --- | PASS |
| | | 2440 | 50.00 | 50.00 | 100.00 | --- | PASS |
| | | 2480 | 50.00 | 50.00 | 100.00 | --- | PASS |

Test Graphs





*** End of Report ***