

## Appendix: 2.4G

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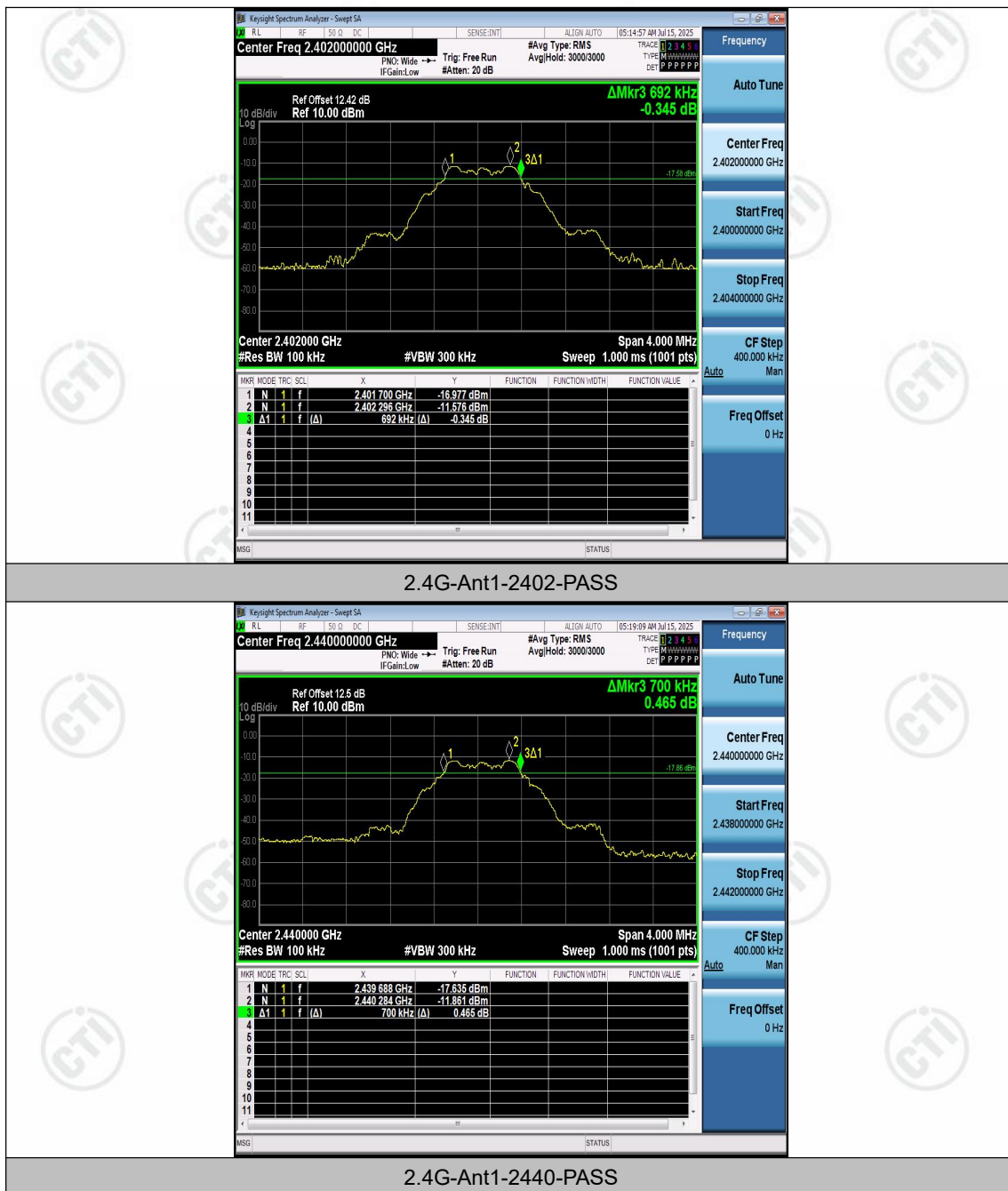
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Appendix A: DTS Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|----------|----------|------------|---------|
| 2.4G     | Ant1    | 2402           | 0.692        | 2401.700 | 2402.392 | 0.5        | PASS    |
| 2.4G     | Ant1    | 2440           | 0.700        | 2439.688 | 2440.388 | 0.5        | PASS    |
| 2.4G     | Ant1    | 2480           | 0.704        | 2479.688 | 2480.392 | 0.5        | PASS    |

## Test Graphs



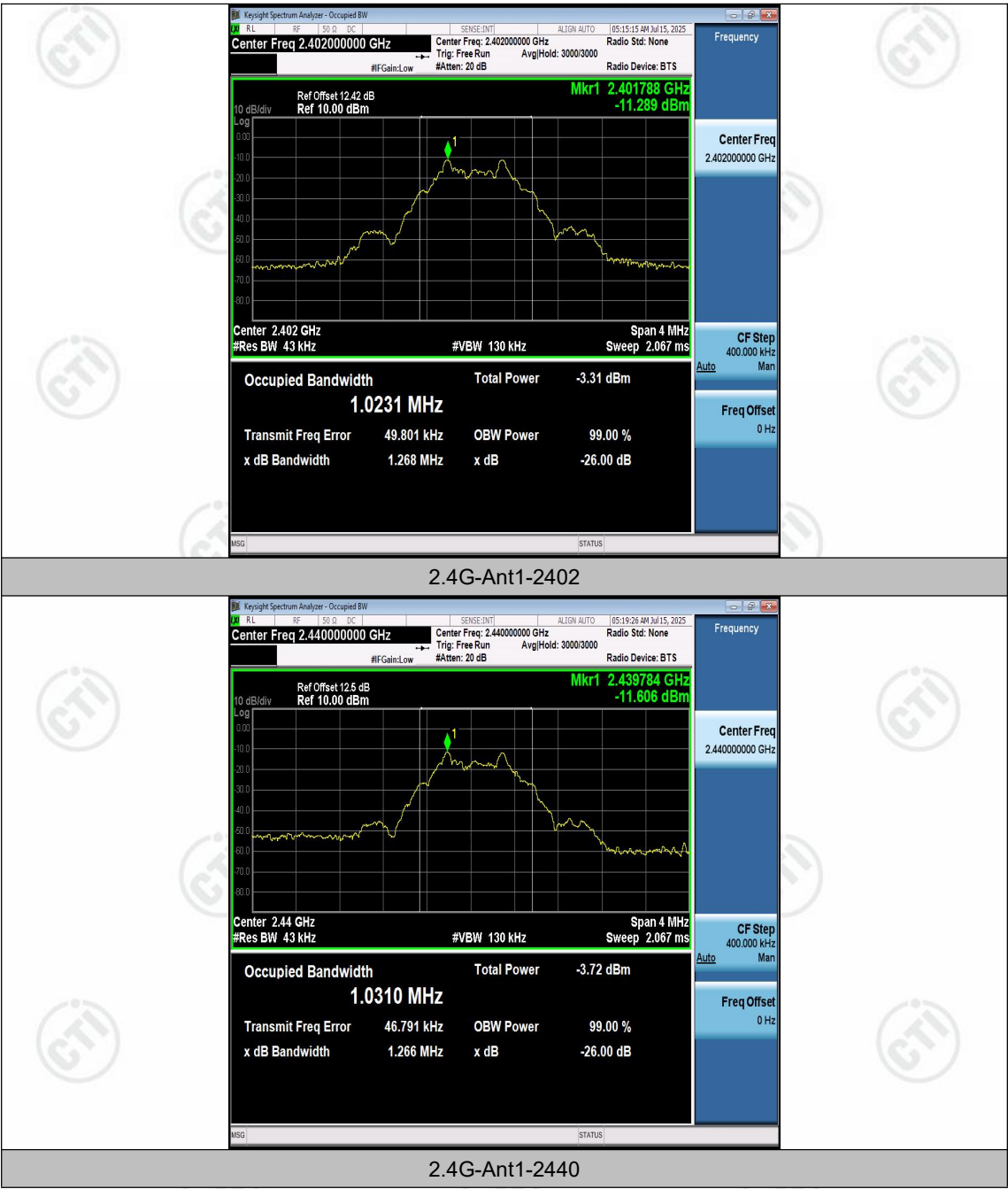


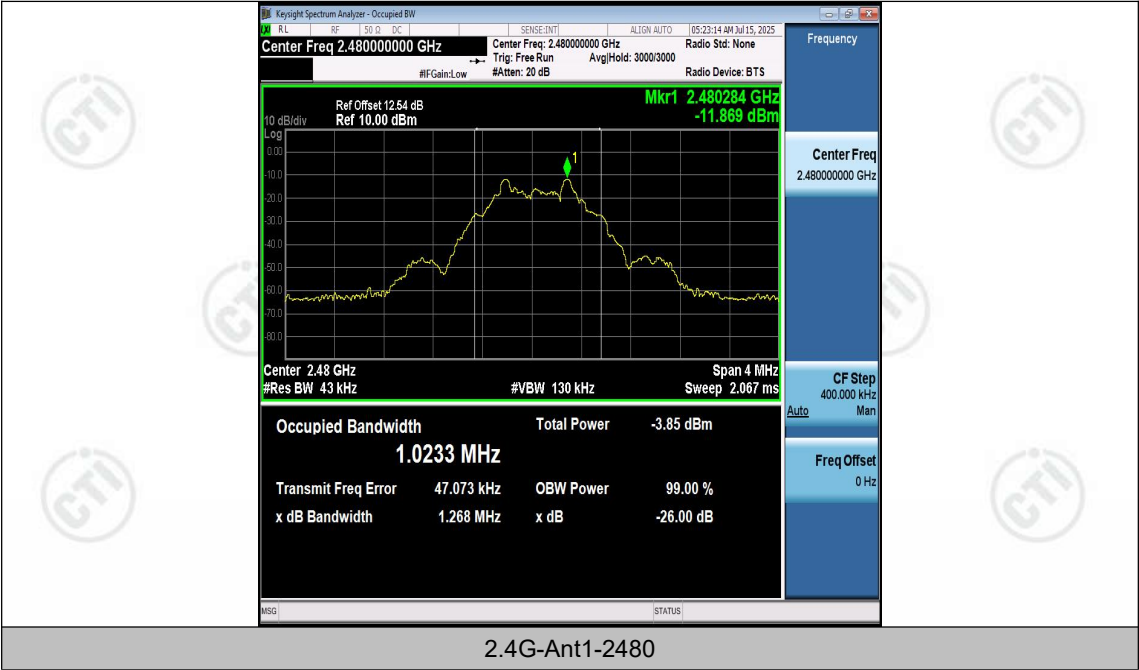
Appendix B: Occupied Channel Bandwidth

Test Result

| TestMode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit [MHz] | Verdict |
|----------|---------|----------------|-----------|-----------|-----------|-------------|---------|
| 2.4G     | Ant1    | 2402           | 1.0231    | 2401.5383 | 2402.5614 | ---         | ---     |
| 2.4G     | Ant1    | 2440           | 1.0310    | 2439.5313 | 2440.5623 | ---         | ---     |
| 2.4G     | Ant1    | 2480           | 1.0233    | 2479.5354 | 2480.5587 | ---         | ---     |

Test Graphs



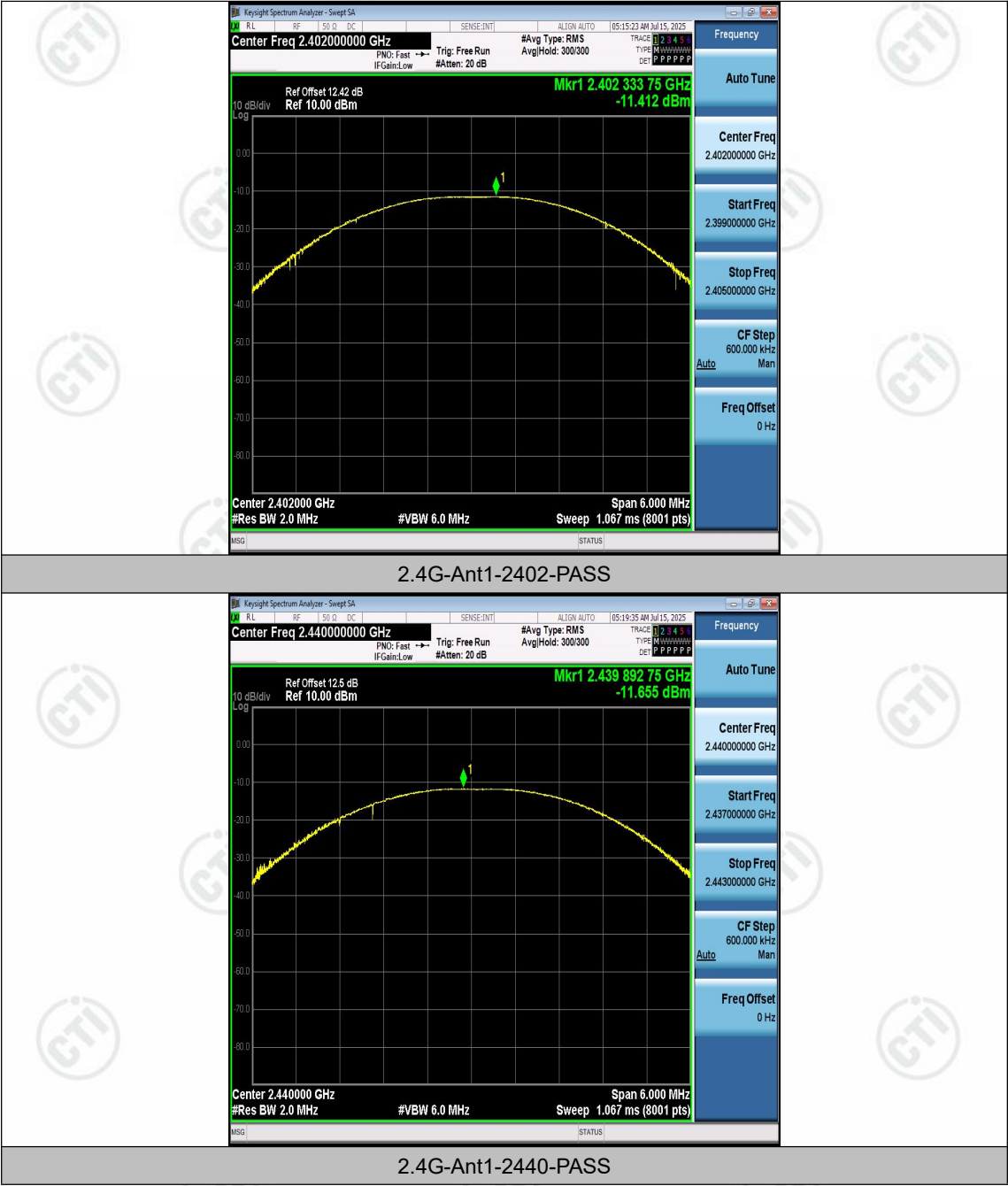


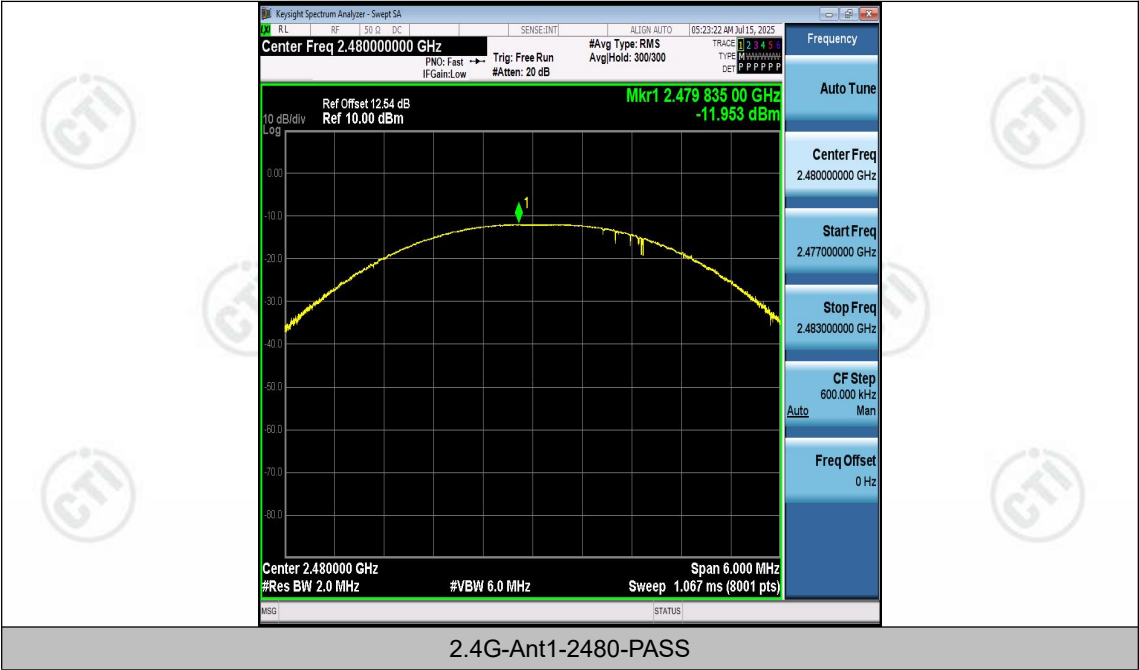
2.4G-Ant1-2480

**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 |
|----------|---------|----------------|---------------------------------|-------------------------|-----------|--------------------|---------|
| 2.4G     | Ant1    | 2402           | <b>-11.41</b>                   | ≤30                     | -11.83    | ≤36                | PASS    |
| 2.4G     | Ant1    | 2440           | -11.66                          | ≤30                     | -12.08    | ≤36                | PASS    |
| 2.4G     | Ant1    | 2480           | -11.95                          | ≤30                     | -12.37    | ≤36                | PASS    |

Test Graphs Peak



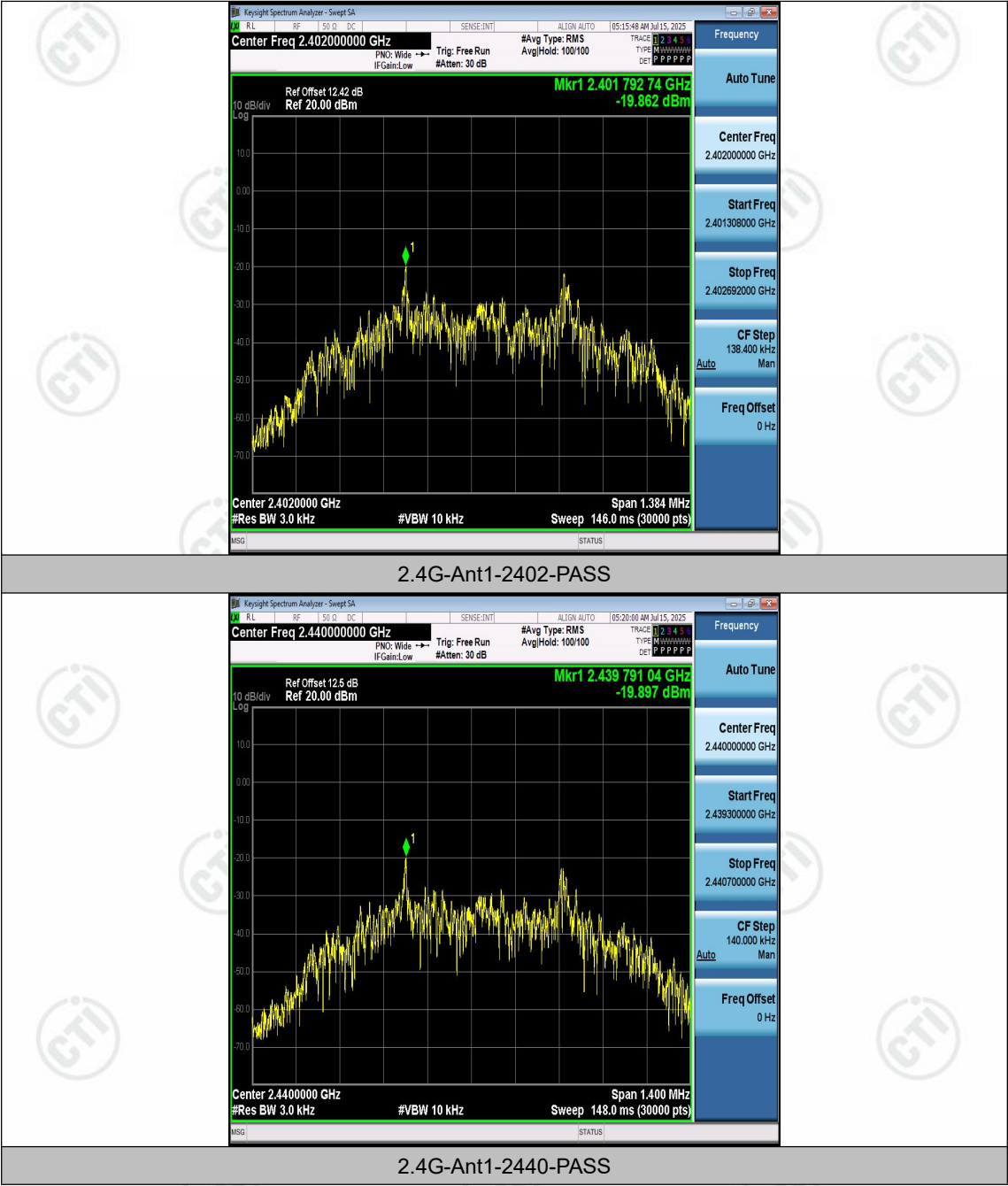


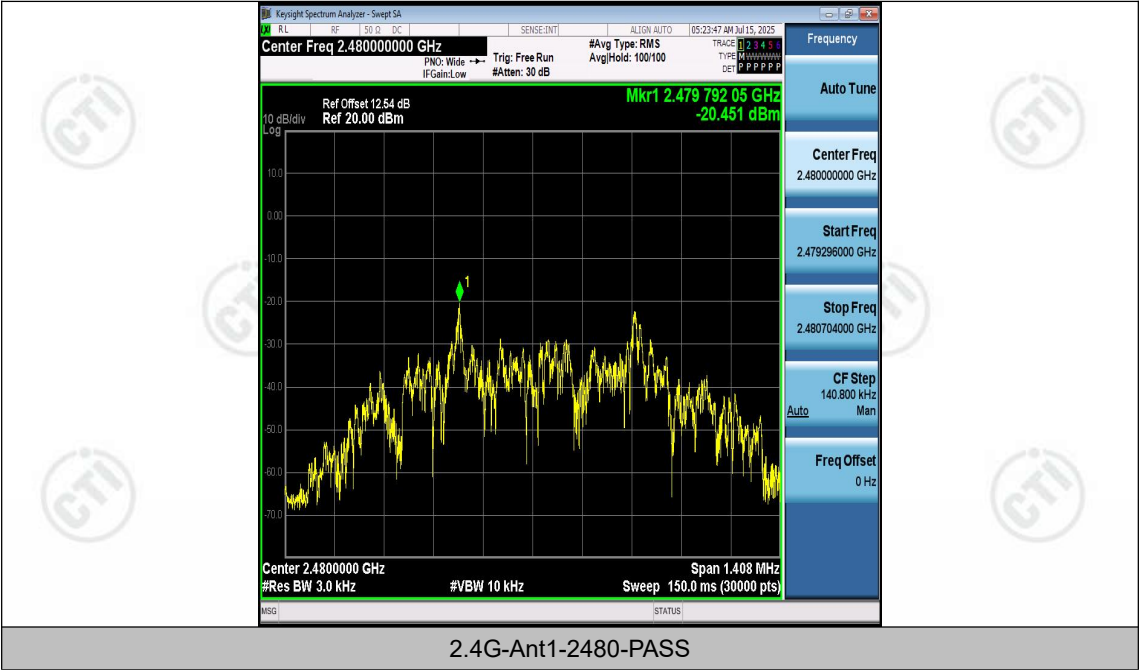
Appendix D: Maximum power spectral density

Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| 2.4G     | Ant1    | 2402           | -19.86           | ≤8.00           | PASS    |
| 2.4G     | Ant1    | 2440           | -19.90           | ≤8.00           | PASS    |
| 2.4G     | Ant1    | 2480           | -20.45           | ≤8.00           | PASS    |

Test Graphs



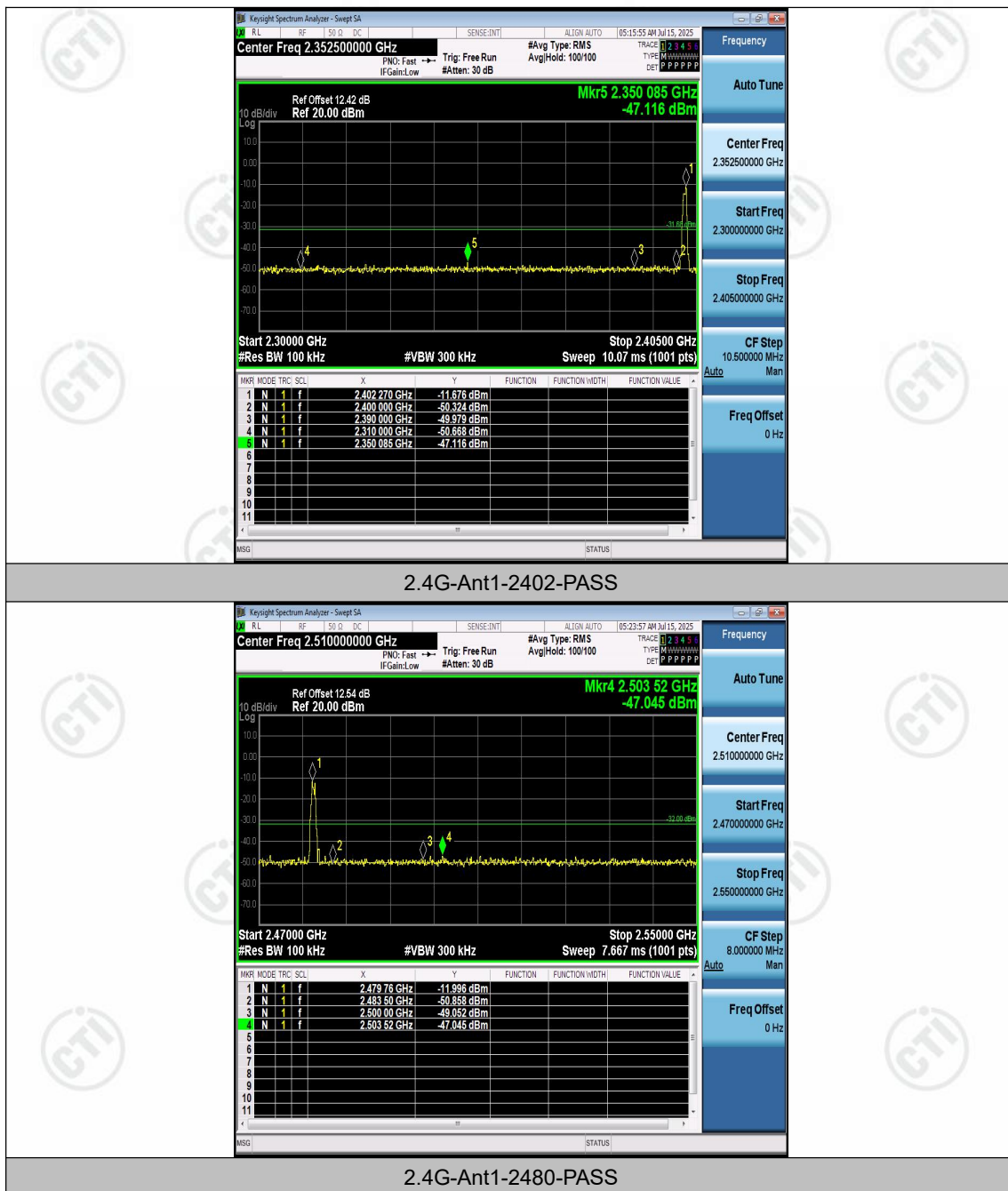


Appendix E: Band edge measurements

Test Result

| TestMode | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|--------|----------------|---------------|-------------|------------|---------|
| 2.4G     | Ant1    | Low    | 2402           | -11.68        | -47.12      | ≤-31.68    | PASS    |
| 2.4G     | Ant1    | High   | 2480           | -12.00        | -47.05      | ≤-32       | PASS    |

## Test Graphs

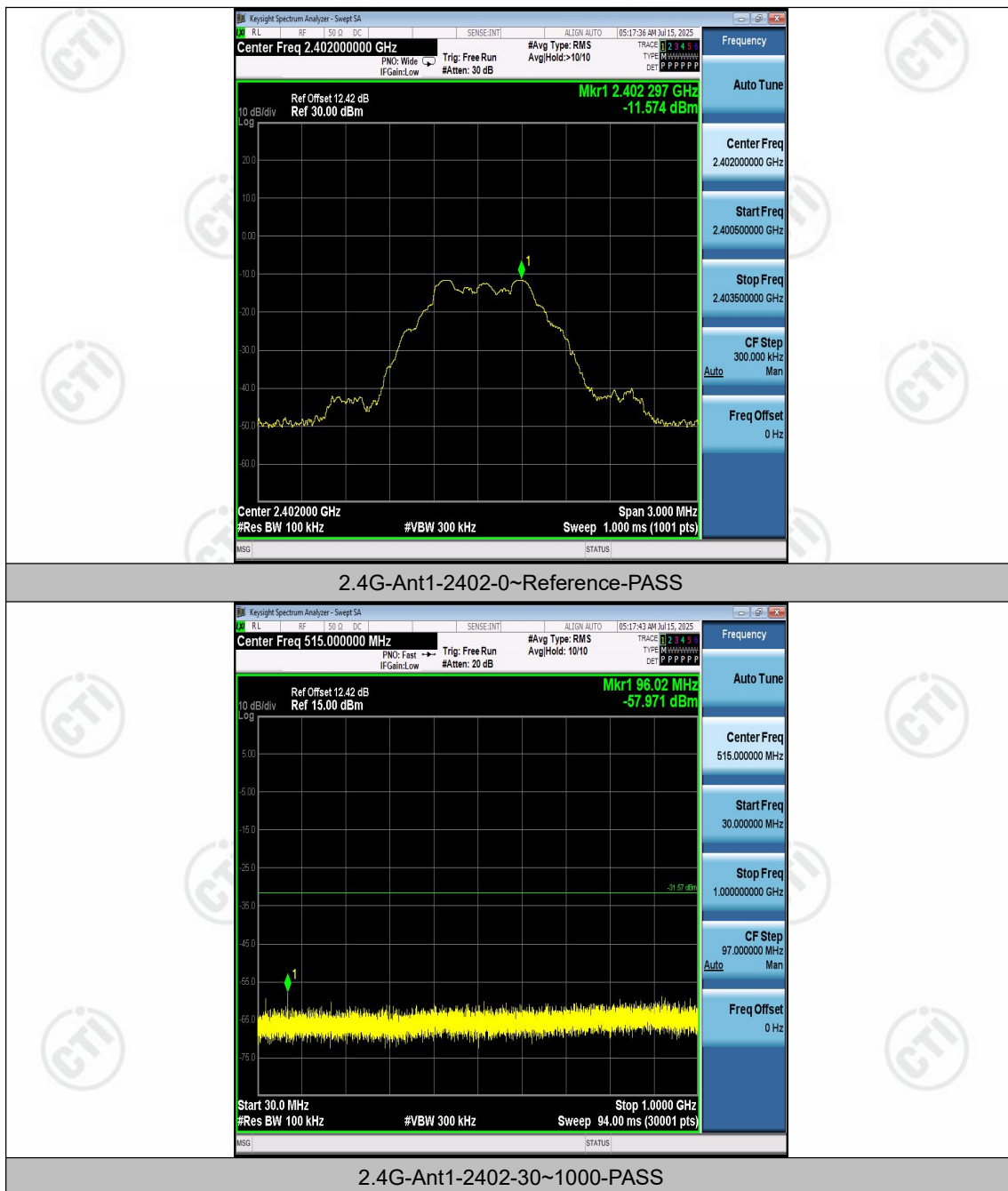


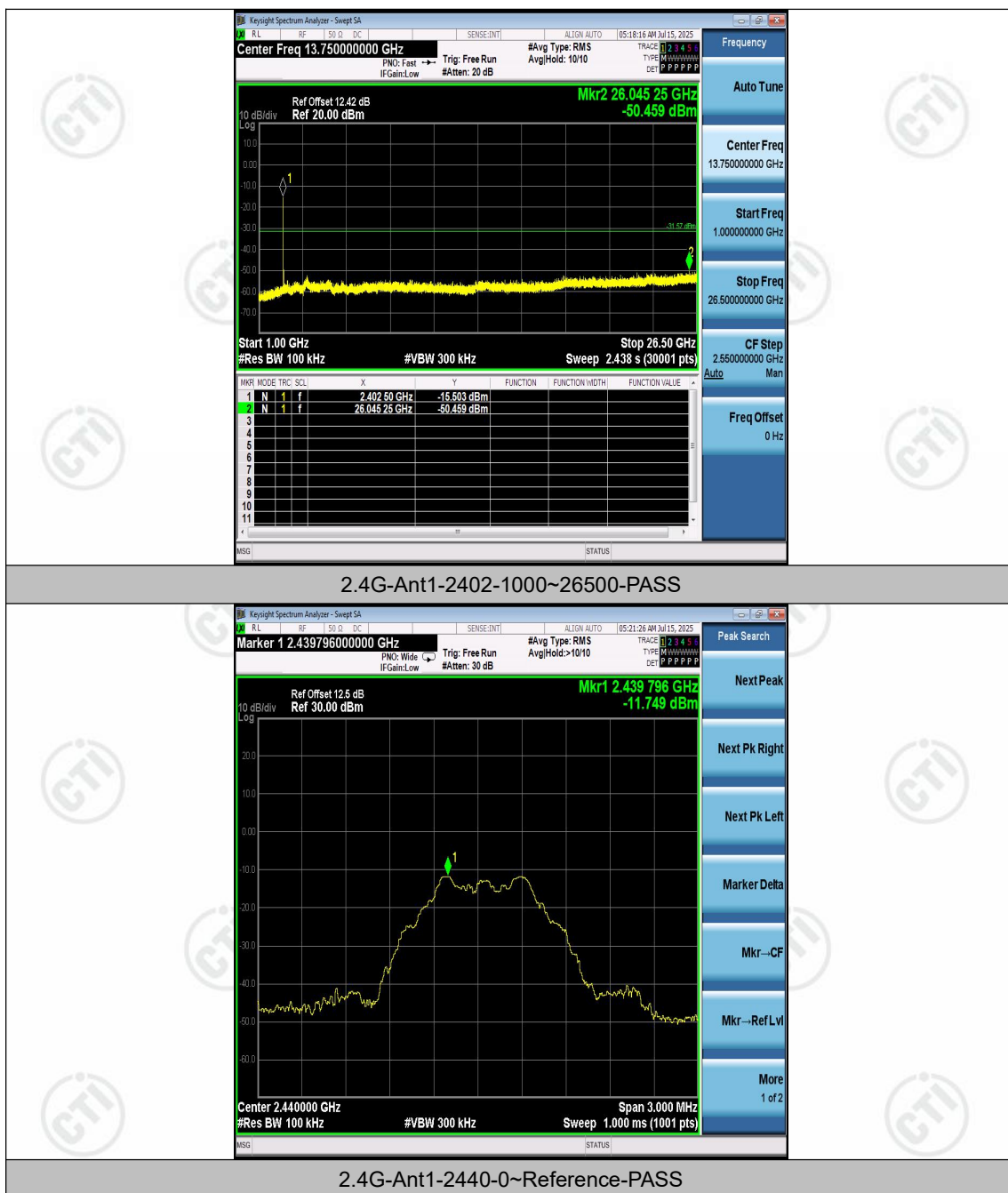
## Appendix F: Conducted Spurious Emission

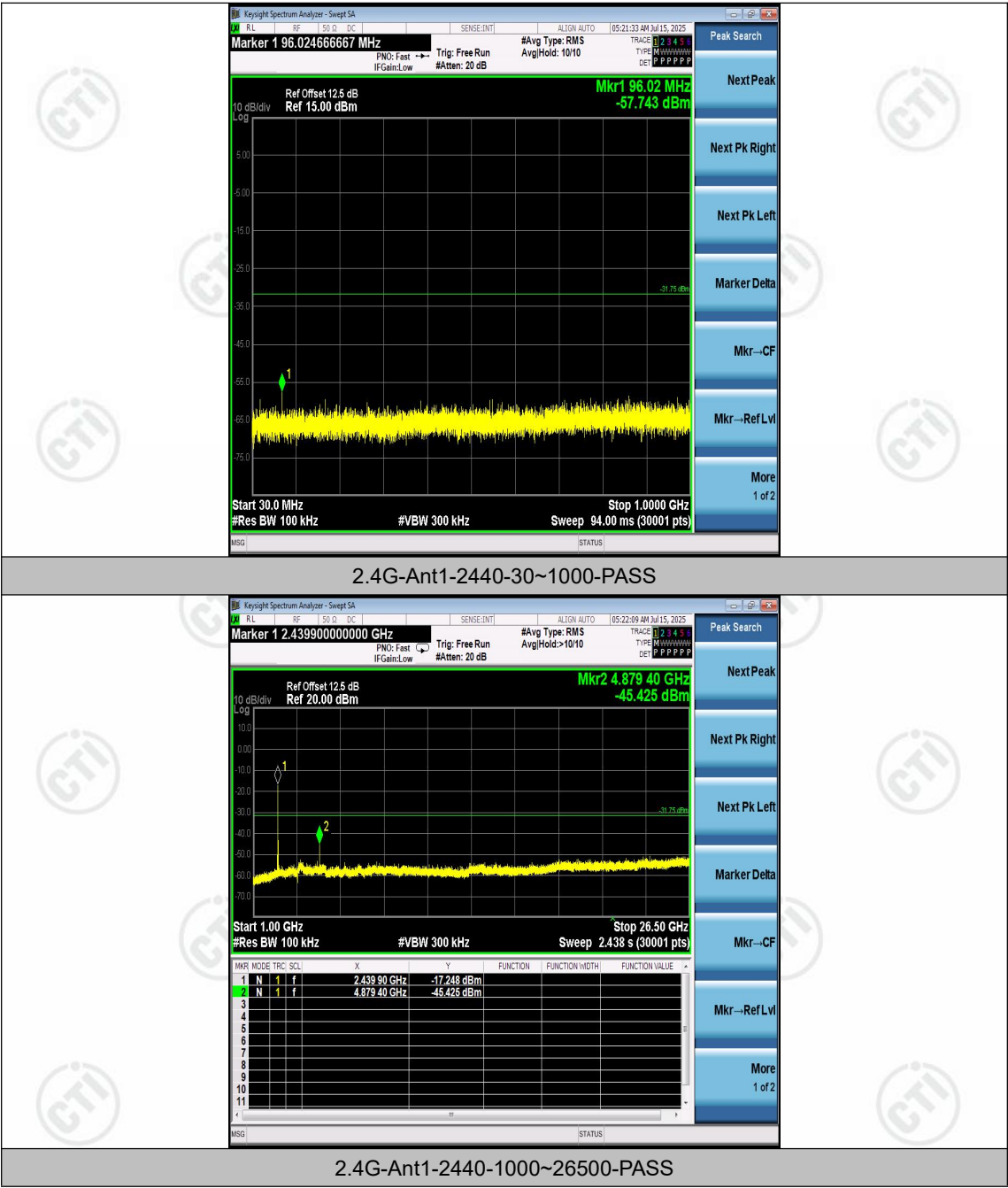
### Test Result

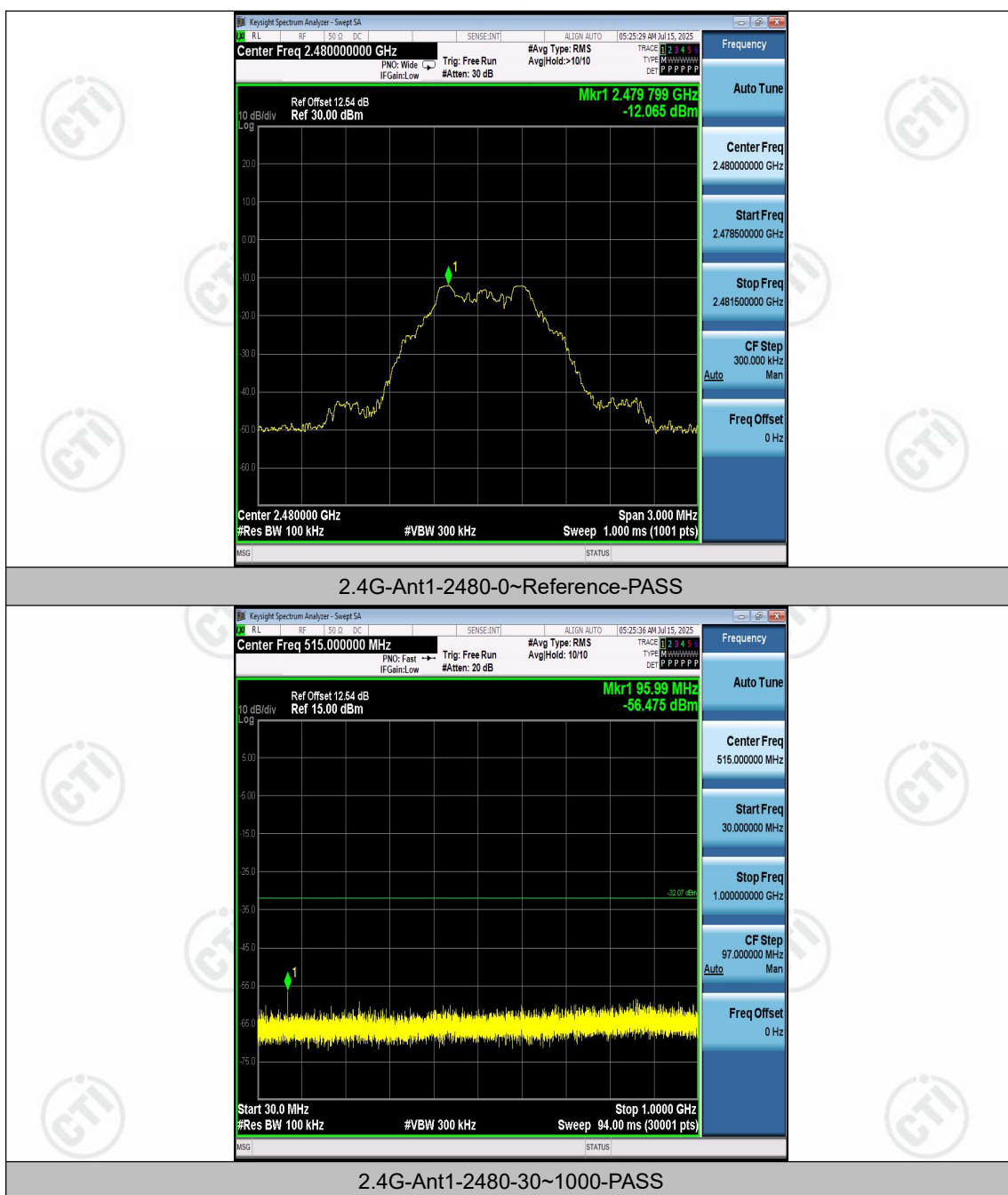
| TestMode | Antenna | Frequency [MHz] | FreqRange [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|-----------------|-----------------|----------------|-------------|------------|---------|
| 2.4G     | Ant1    | 2402            | 0~Reference     | -11.57         | -11.57      | ---        | PASS    |
| 2.4G     | Ant1    | 2402            | 30~1000         | -11.57         | -57.97      | ≤-31.57    | PASS    |
| 2.4G     | Ant1    | 2402            | 1000~26500      | -11.57         | -50.46      | ≤-31.57    | PASS    |
| 2.4G     | Ant1    | 2440            | 0~Reference     | -11.75         | -11.75      | ---        | PASS    |
| 2.4G     | Ant1    | 2440            | 30~1000         | -11.75         | -57.74      | ≤-31.75    | PASS    |
| 2.4G     | Ant1    | 2440            | 1000~26500      | -11.75         | -45.43      | ≤-31.75    | PASS    |
| 2.4G     | Ant1    | 2480            | 0~Reference     | -12.07         | -12.07      | ---        | PASS    |
| 2.4G     | Ant1    | 2480            | 30~1000         | -12.07         | -56.48      | ≤-32.07    | PASS    |
| 2.4G     | Ant1    | 2480            | 1000~26500      | -12.07         | -48.33      | ≤-32.07    | PASS    |

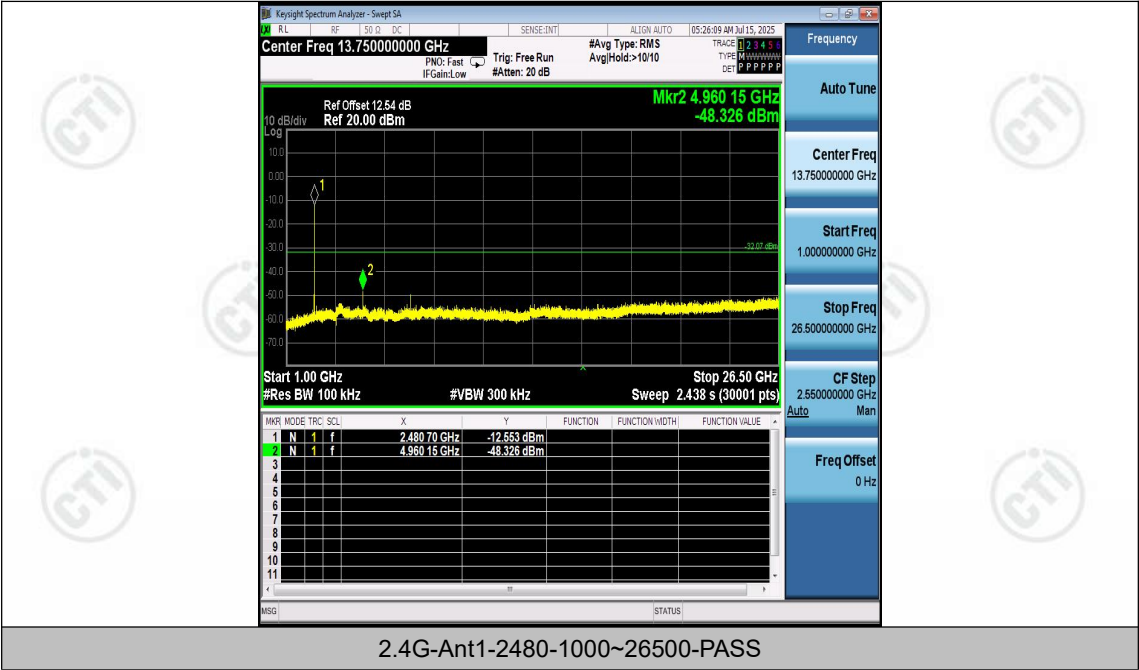
## Test Graphs









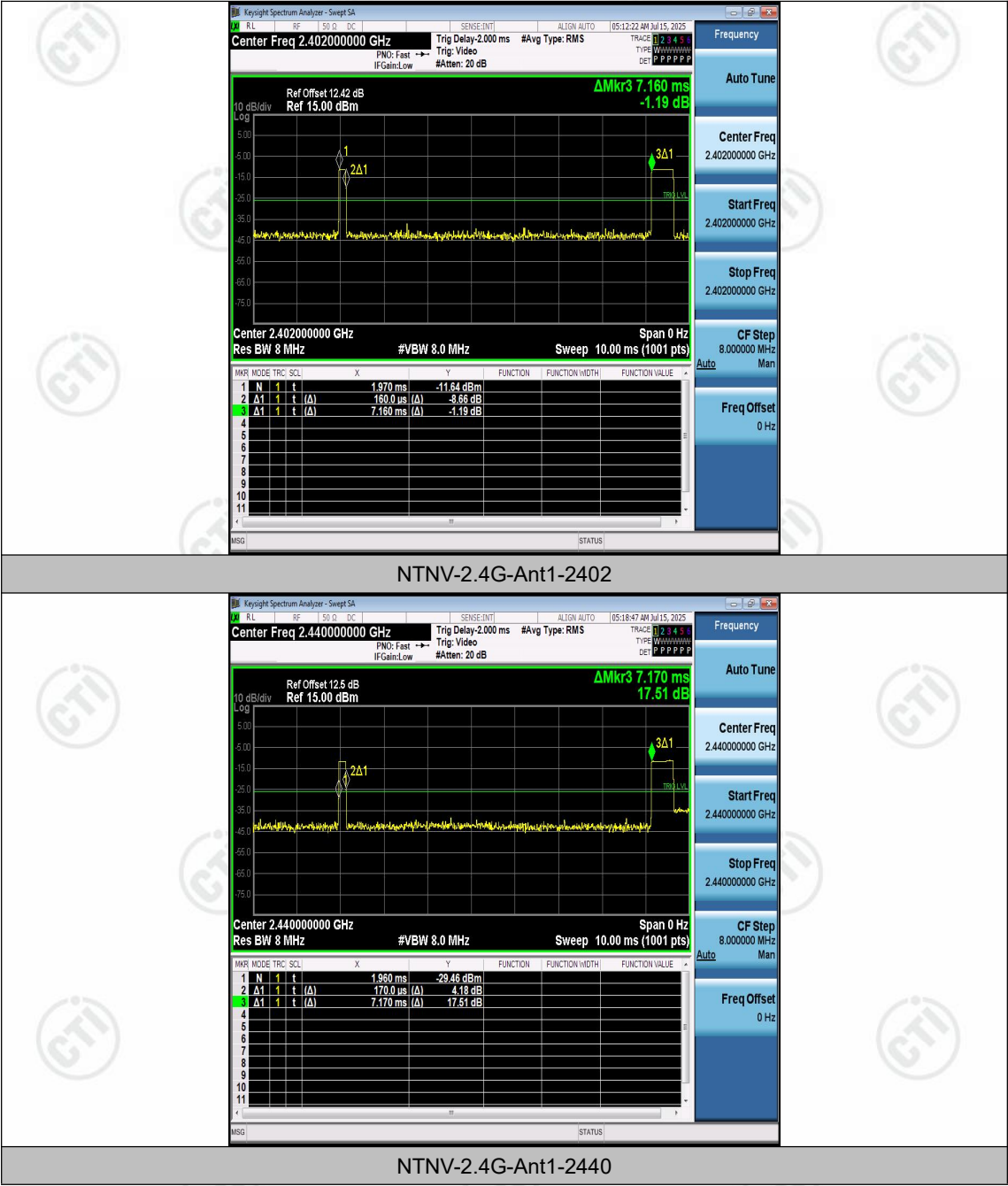


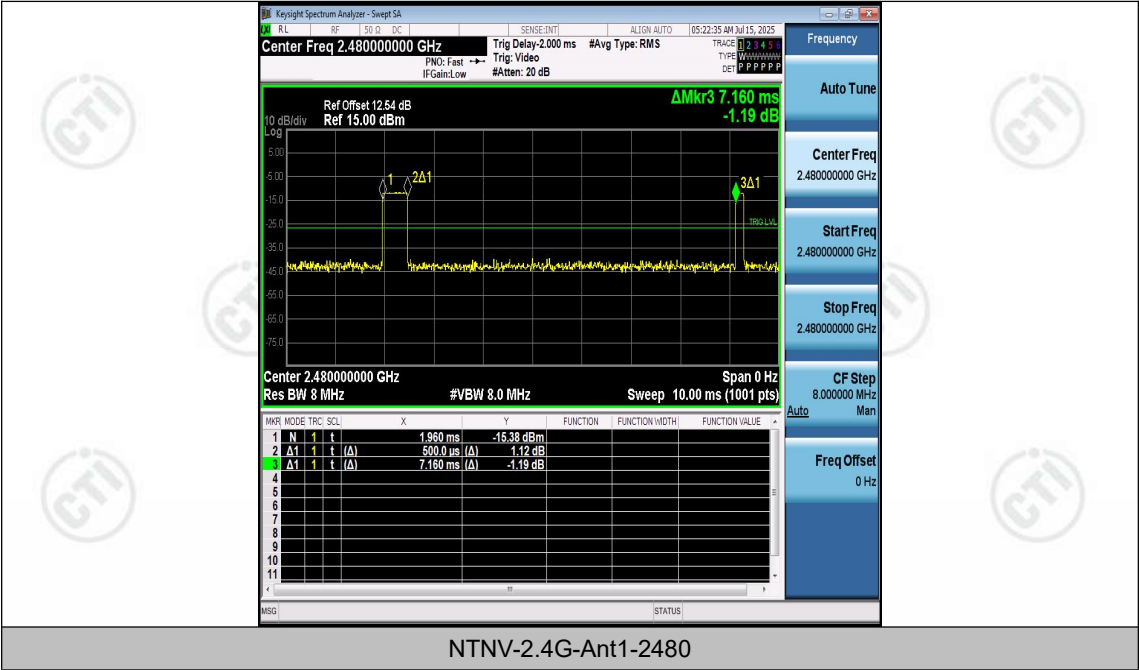
Appendix G: Duty Cycle

Test Result

| TestMode | Antenna | Frequency[MHz] | ON Time [ms] | Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] |
|----------|---------|----------------|--------------|-------------|----------------|-----------------------|
| 2.4G     | Ant1    | 2402           | 0.16         | 7.16        | 2.23           | 16.52                 |
| 2.4G     | Ant1    | 2440           | 0.17         | 7.17        | 2.37           | 16.25                 |
| 2.4G     | Ant1    | 2480           | 0.50         | 7.16        | 6.98           | 11.56                 |

Test Graphs





\*\*\* End of Report \*\*\*