

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1812C60366812502-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-7-10           | Finish Test Date:  | 2026-7-13   |
| Test Engineer:   | Pearl Ao            | Auditor:           | Justin Feng |
| Temperature:     | 24.5°C              | Relative Humidity: | 67%         |
| Pressure:        | 99.8kPa             |                    |             |

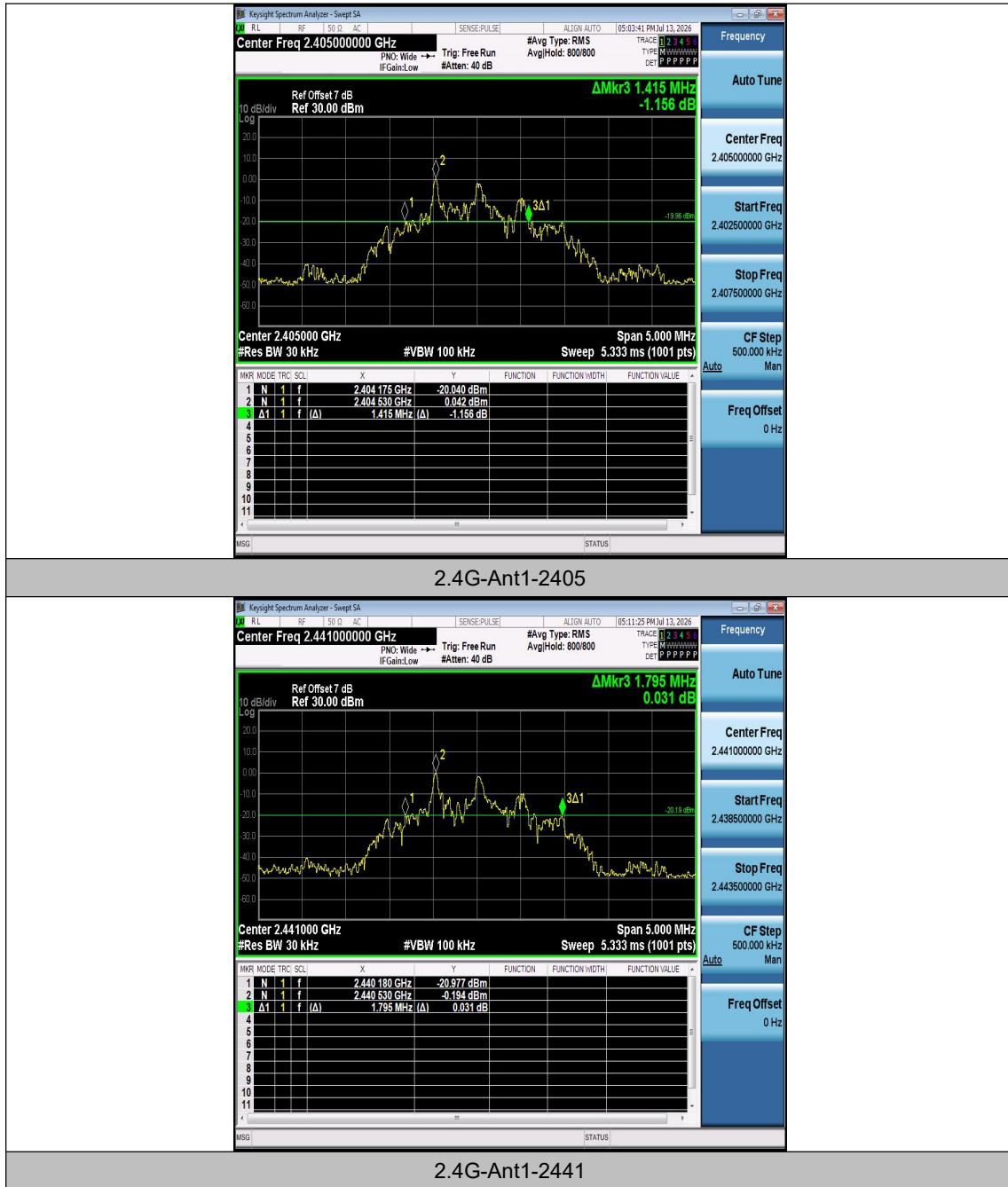


## Appendix A: 20dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency [MHz] | 20db EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|-----------------|---------------|----------|----------|------------|---------|
| 2.4G      | Ant1    | 2405            | 1.415         | 2404.175 | 2405.590 | ---        | ---     |
| 2.4G      | Ant1    | 2441            | 1.795         | 2440.180 | 2441.975 | ---        | ---     |
| 2.4G      | Ant1    | 2475            | 1.520         | 2474.160 | 2475.680 | ---        | ---     |

## Test Graphs



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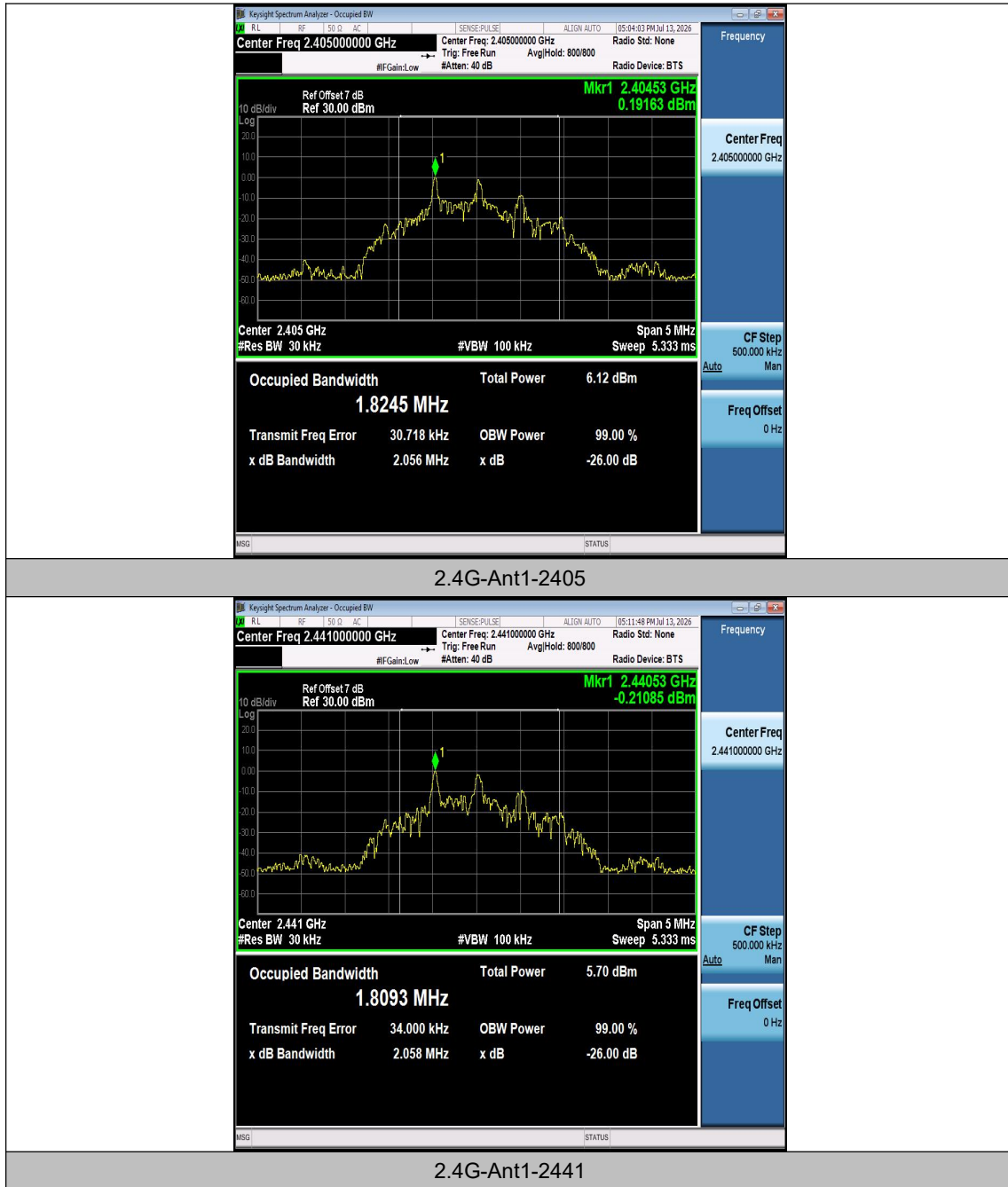
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**Appendix B: 99% Occupied Bandwidth****Test Result**

| Test Mode | Antenna | Frequency [MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|-----------------|-----------|-----------|-----------|------------|---------|
| 2.4G      | Ant1    | 2405            | 1.8245    | 2404.1185 | 2405.9430 | ---        | ---     |
| 2.4G      | Ant1    | 2441            | 1.8093    | 2440.1294 | 2441.9387 | ---        | ---     |
| 2.4G      | Ant1    | 2475            | 1.8523    | 2474.0956 | 2475.9479 | ---        | ---     |

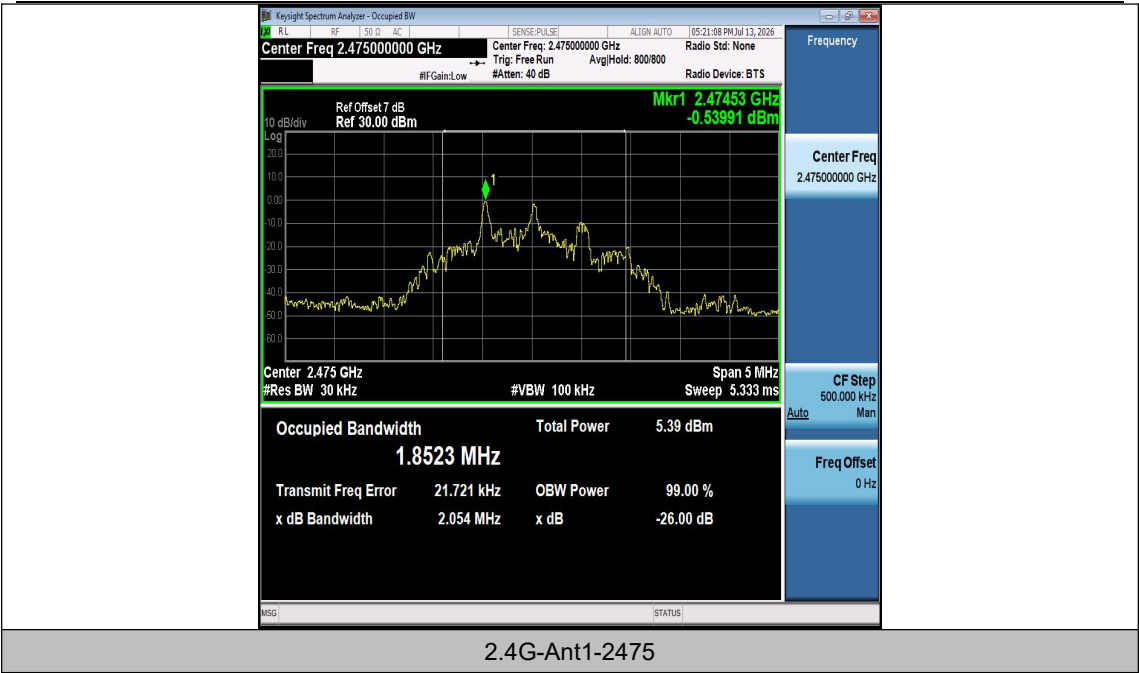
## Test Graphs



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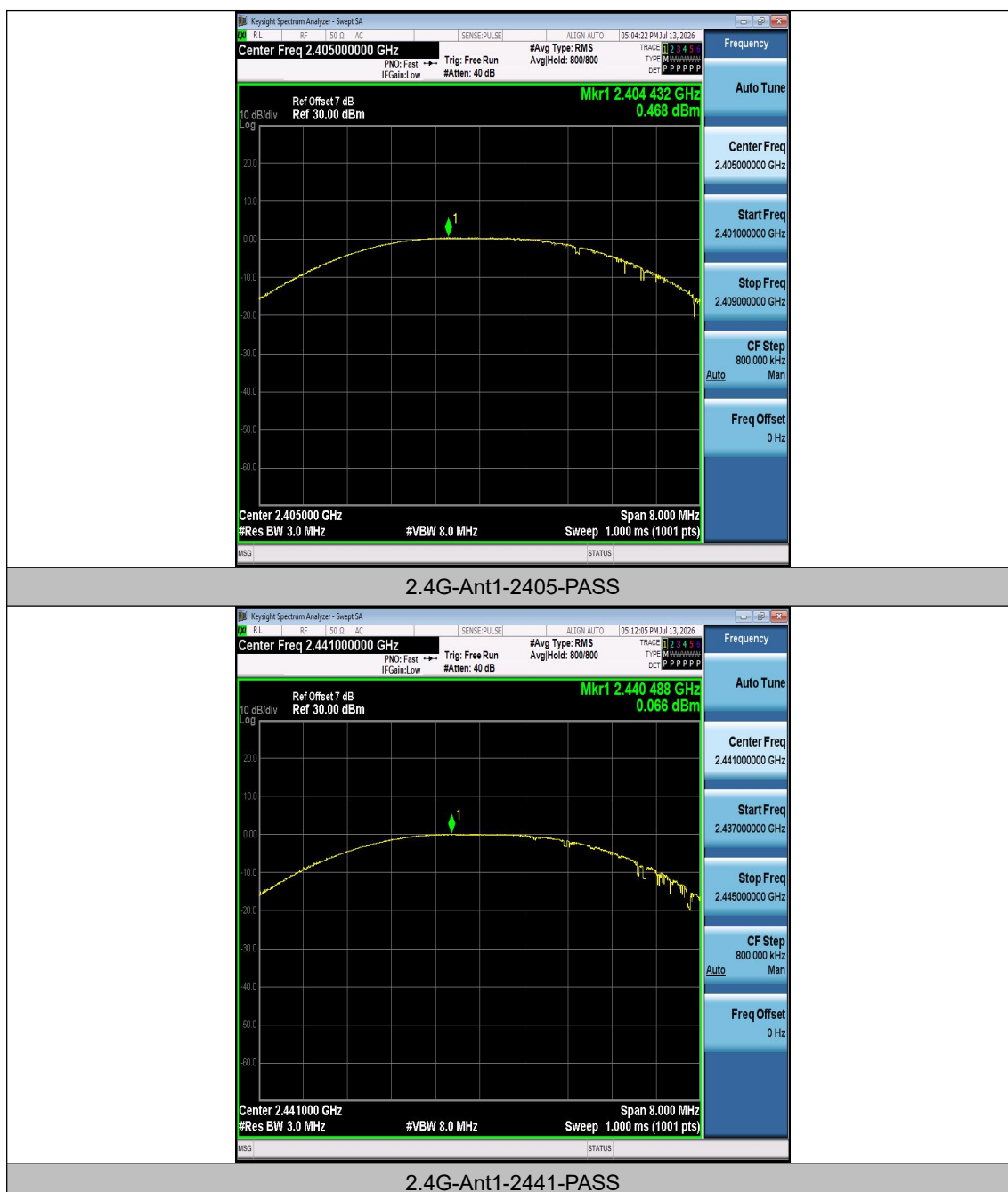
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## Appendix C: Maximum Conducted Output Power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| 2.4G      | Ant1    | 2405           | <b>0.47</b>               | ≤30                  | PASS    |
| 2.4G      | Ant1    | 2441           | 0.07                      | ≤30                  | PASS    |
| 2.4G      | Ant1    | 2475           | -0.18                     | ≤30                  | PASS    |

### Test Graphs



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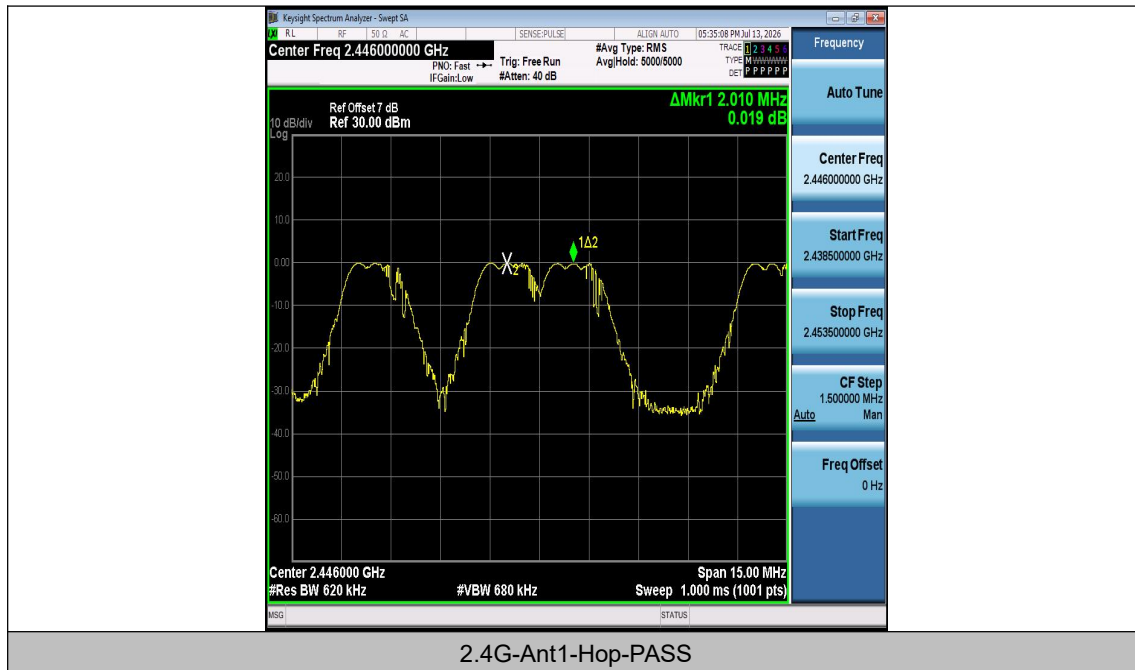
## Appendix D: Carrier frequency separation

### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | Result<br>[MHz] | Limit[MHz] | Verdict |
|-----------|---------|--------------------|-----------------|------------|---------|
| 2.4G      | Ant1    | Hop                | 2.010           | ≥1.795     | PASS    |

Note: For conducted power less than 0.125 W(20.97 dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

## Test Graphs



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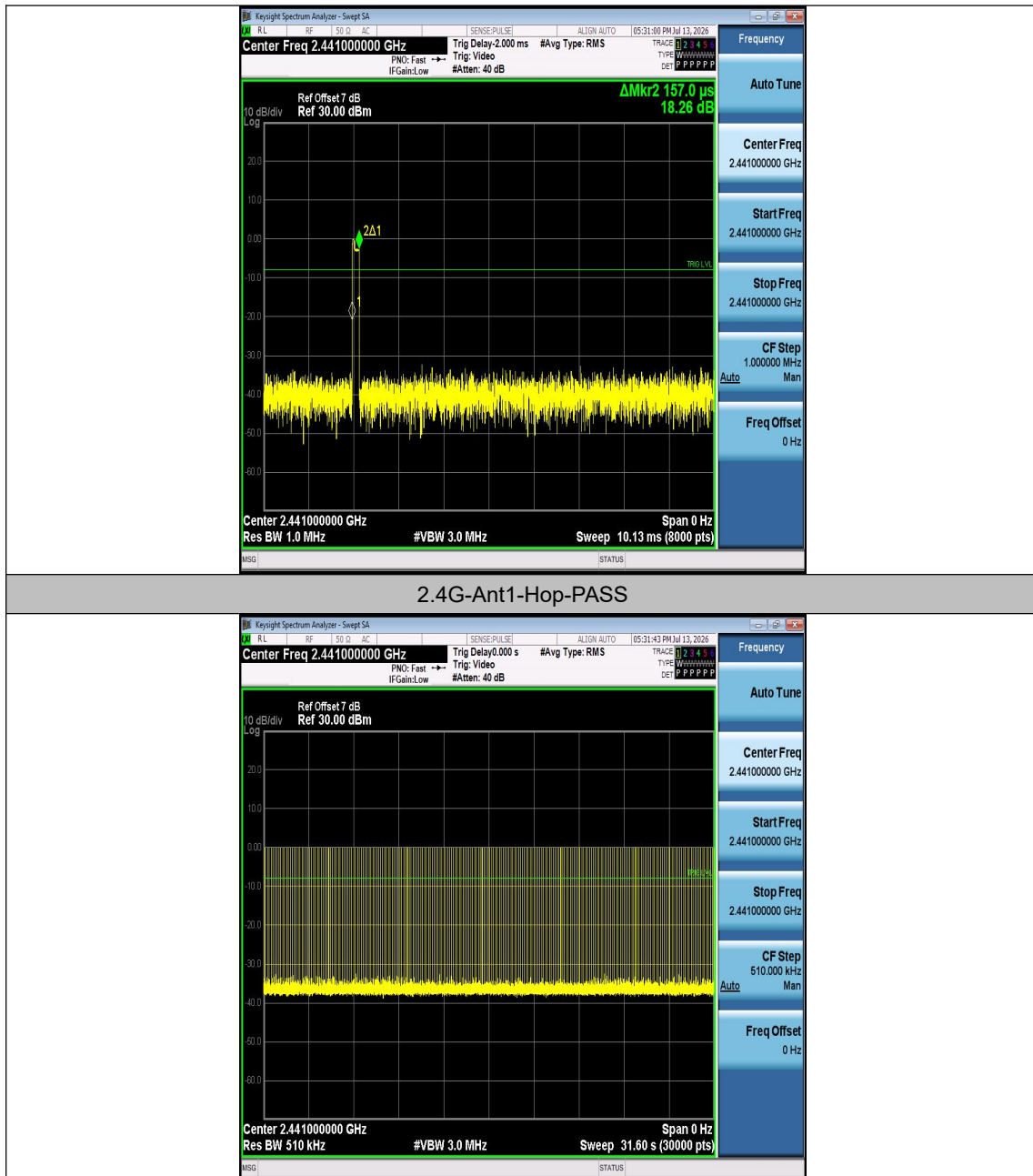
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## Appendix E: Dwell Time

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Burst Width [ms] | Total Hops [Num] | Result [s] | Limit [s] | Verdict |
|-----------|---------|-----------------|------------------|------------------|------------|-----------|---------|
| 2.4G      | Ant1    | Hop             | 0.157            | 235              | 0.037      | ≤0.4      | PASS    |

## Test Graphs



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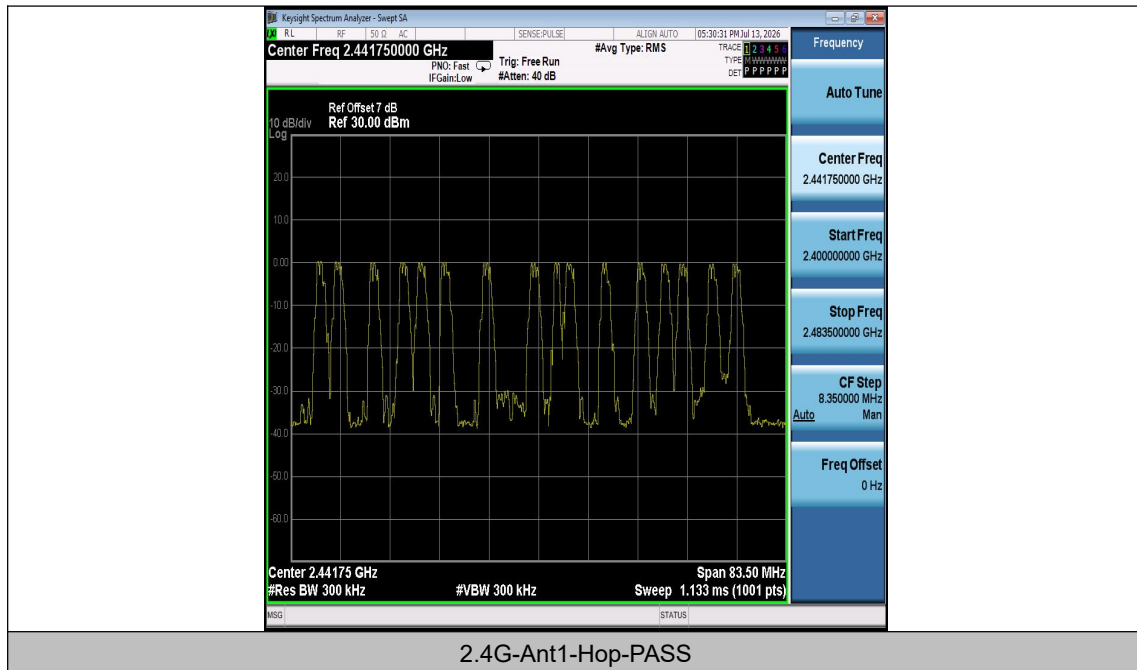
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## Appendix F: Number of Hopping Channel

### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | Result<br>[Num] | Limit<br>[Num] | Verdict |
|-----------|---------|--------------------|-----------------|----------------|---------|
| 2.4G      | Ant1    | Hop                | 16              | ≥15            | PASS    |

## Test Graphs



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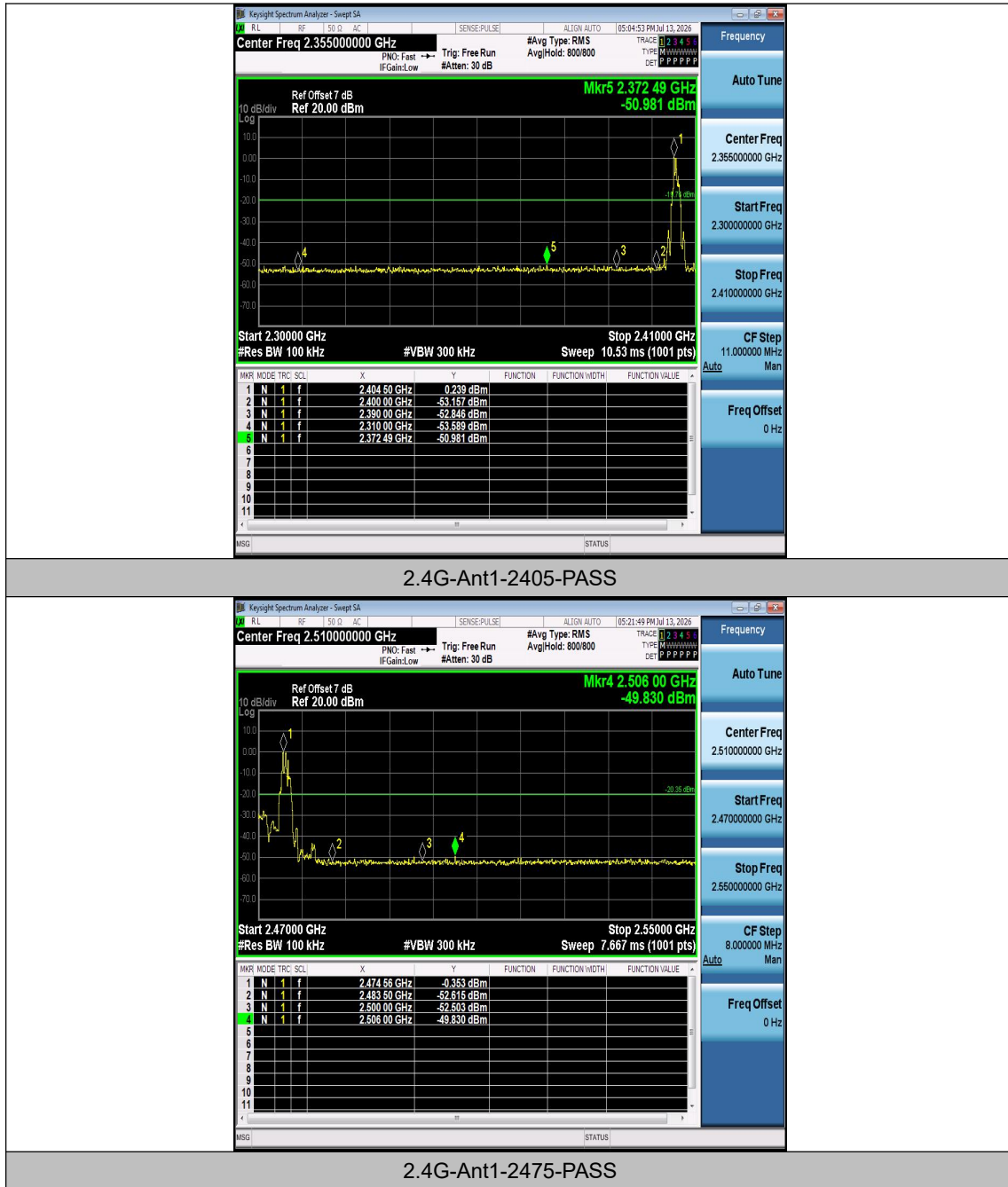
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## Appendix G: Conducted Band edge

### Test Result

| Test Mode | Antenna | Ch. Name | Frequency [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------|-----------------|------------------|--------------|-------------|---------|
| 2.4G      | Ant1    | Low      | 2405            | 0.24             | -50.98       | ≤-19.76     | PASS    |
| 2.4G      | Ant1    | High     | 2475            | -0.35            | -49.83       | ≤-20.35     | PASS    |
| 2.4G      | Ant1    | Low      | Hop             | 0.18             | -50.09       | ≤-19.82     | PASS    |
| 2.4G      | Ant1    | High     | Hop             | -0.39            | -49.77       | ≤-20.39     | PASS    |

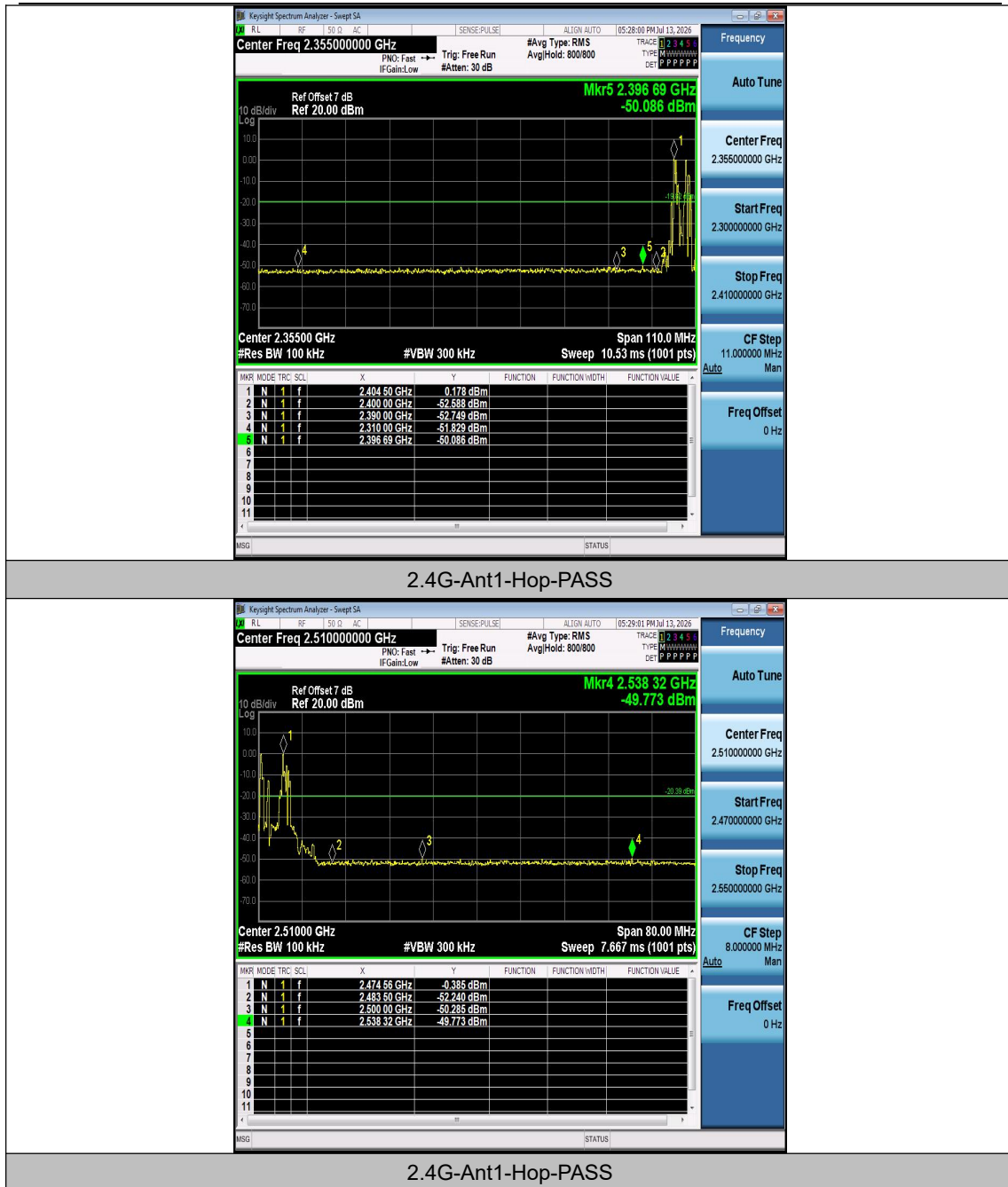
## Test Graphs



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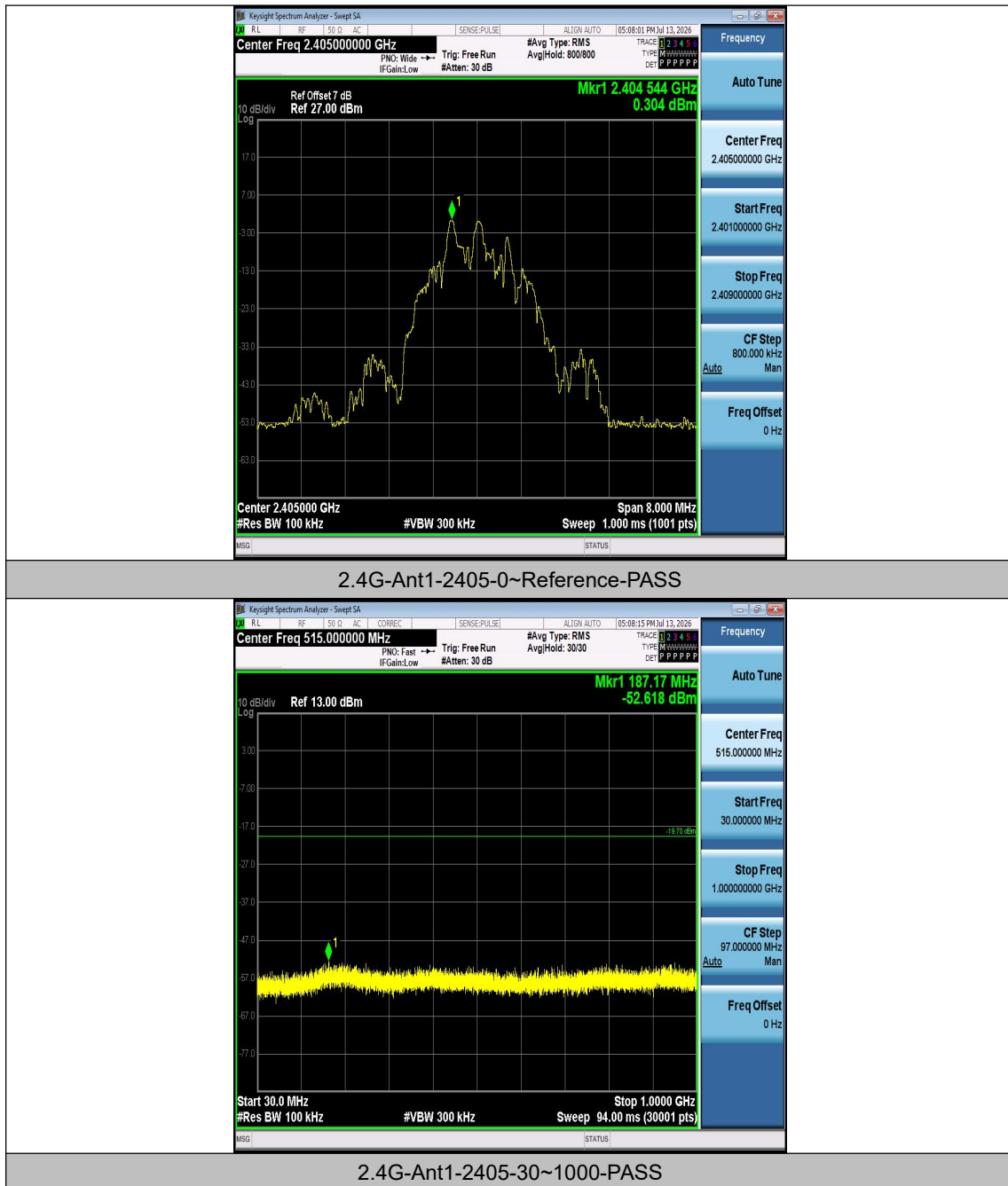
## Appendix H: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency[MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-------------------|------------------|--------------|-------------|---------|
| 2.4G      | Ant1    | 2405           | 0~Reference       | 0.30             | 0.30         | ---         | PASS    |
| 2.4G      | Ant1    | 2405           | 30~1000           | 0.30             | -52.62       | ≤-19.7      | PASS    |
| 2.4G      | Ant1    | 2405           | 1000~26500        | 0.30             | -36.68       | ≤-19.7      | PASS    |
| 2.4G      | Ant1    | 2441           | 0~Reference       | -0.10            | -0.10        | ---         | PASS    |
| 2.4G      | Ant1    | 2441           | 30~1000           | -0.10            | -52.81       | ≤-20.1      | PASS    |
| 2.4G      | Ant1    | 2441           | 1000~26500        | -0.10            | -36.84       | ≤-20.1      | PASS    |
| 2.4G      | Ant1    | 2475           | 0~Reference       | -0.36            | -0.36        | ---         | PASS    |
| 2.4G      | Ant1    | 2475           | 30~1000           | -0.36            | -51.69       | ≤-20.36     | PASS    |
| 2.4G      | Ant1    | 2475           | 1000~26500        | -0.36            | -37.01       | ≤-20.36     | PASS    |

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

## Test Graphs



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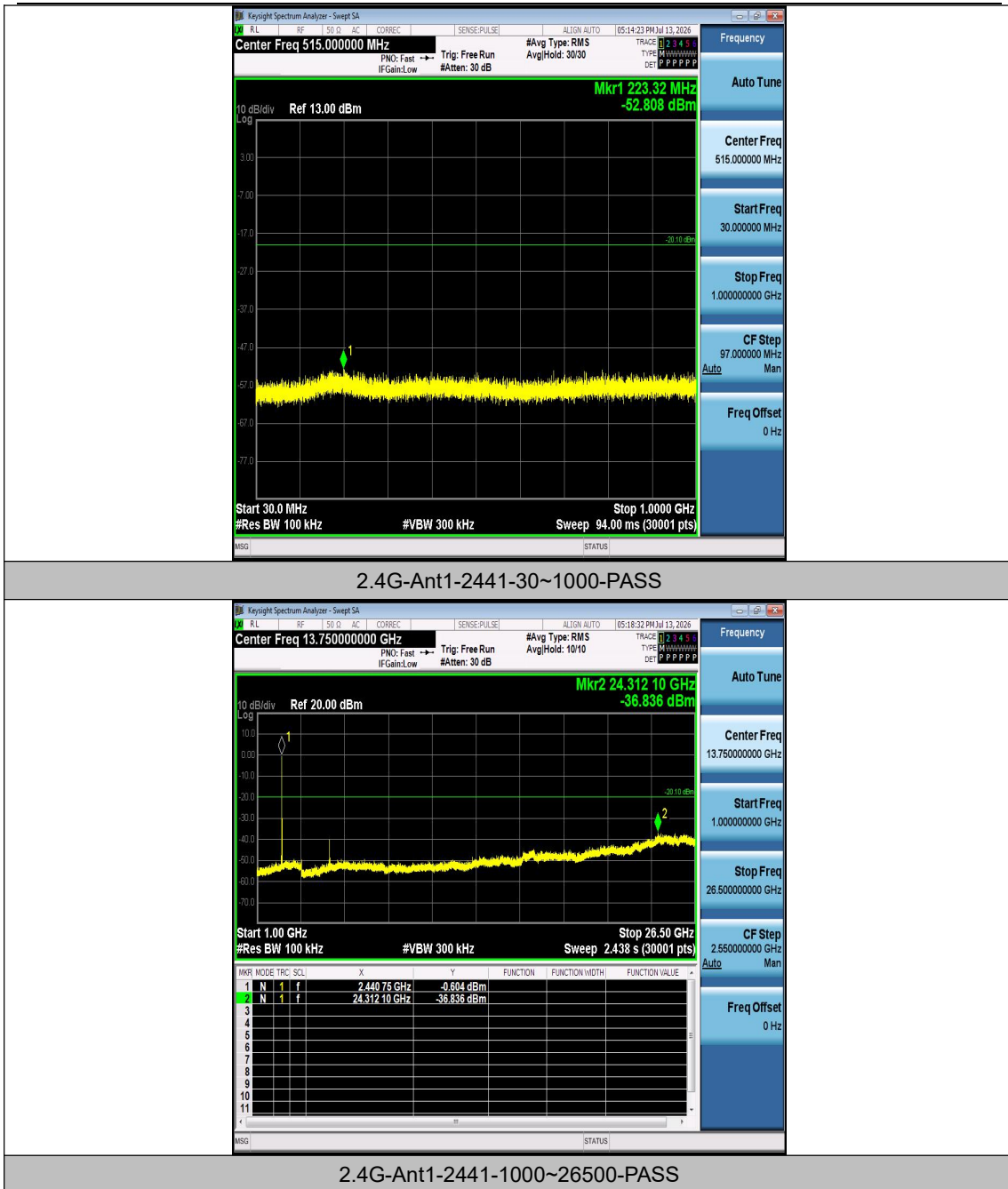
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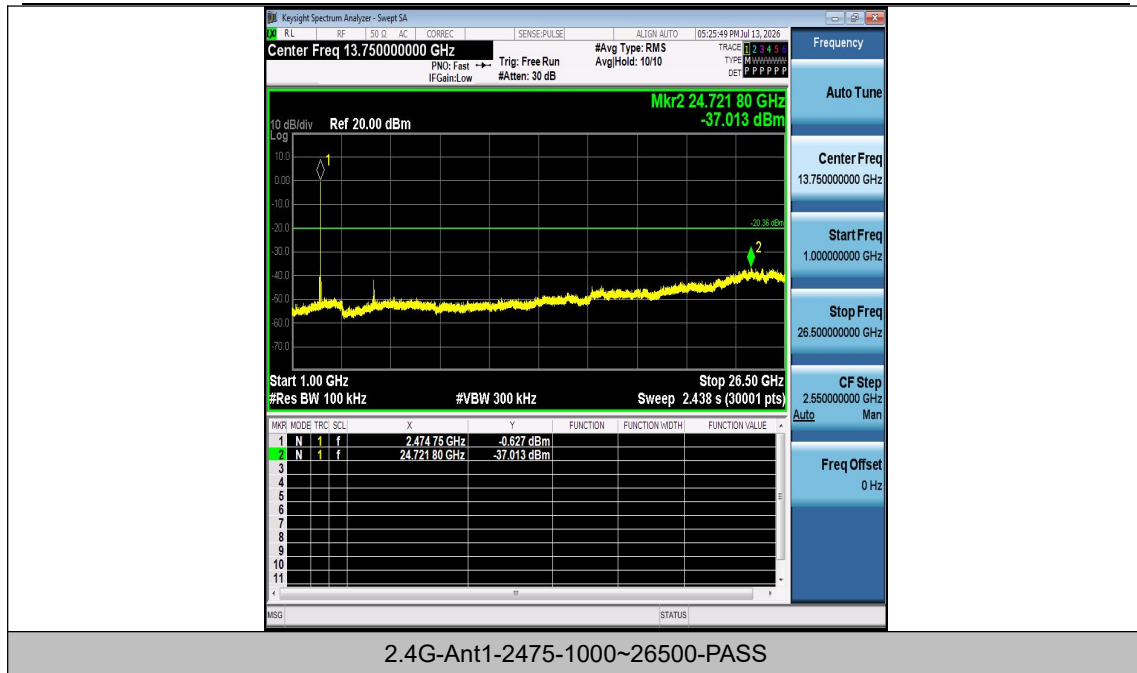
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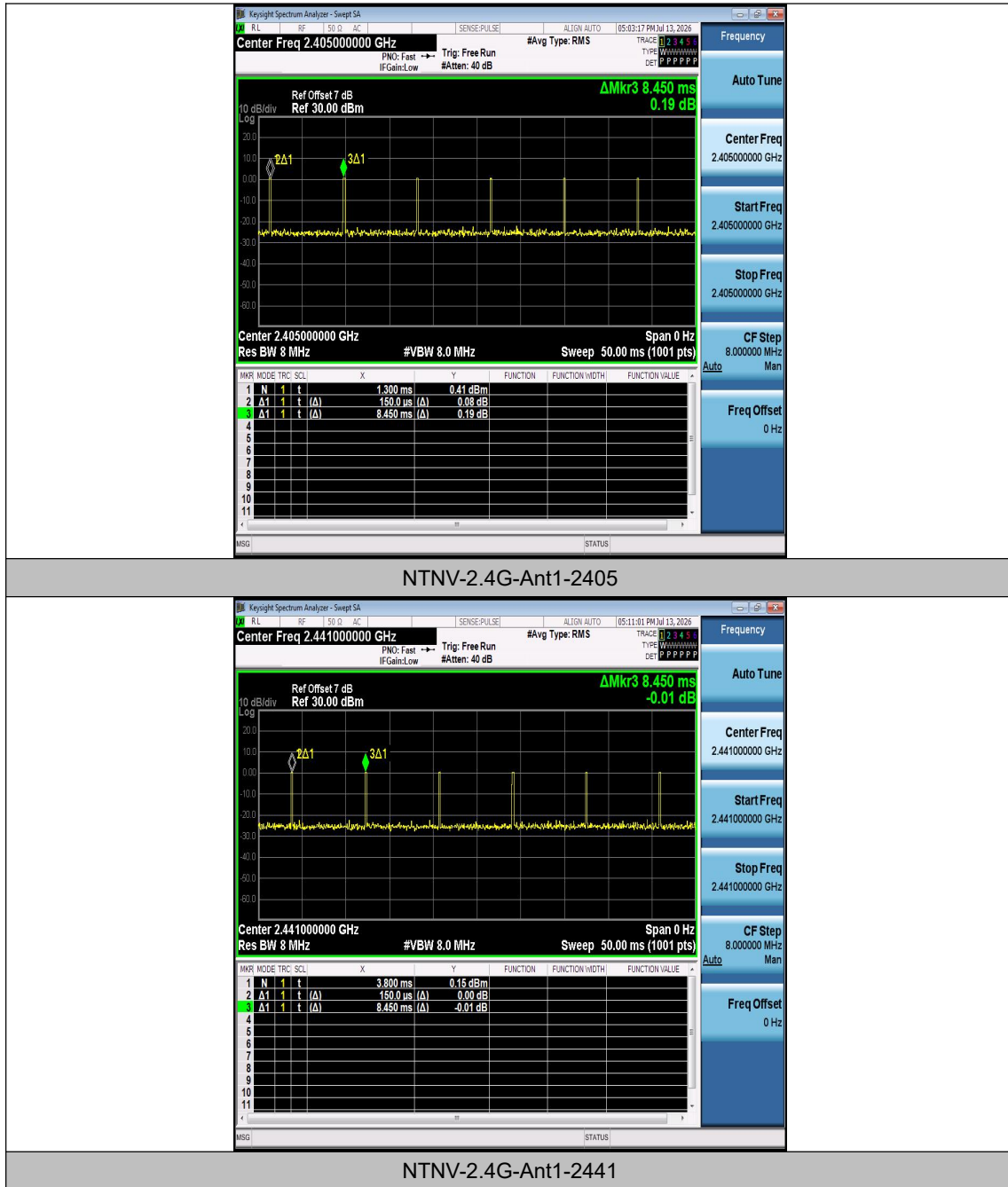
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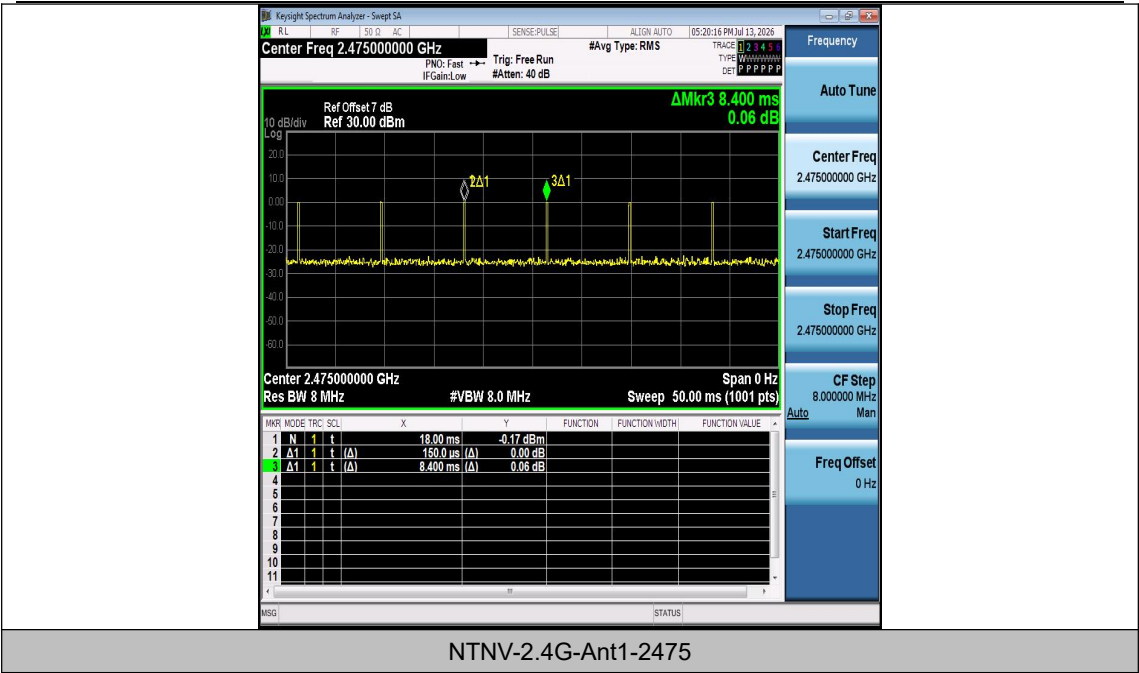
## Appendix I: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>Factor[dB] |
|-----------|---------|----------------|-----------------|----------------|-------------------|--------------------------|
| 2.4G      | Ant1    | 2405           | 0.15            | 8.45           | 1.78              | 17.50                    |
| 2.4G      | Ant1    | 2441           | 0.15            | 8.45           | 1.78              | 17.50                    |
| 2.4G      | Ant1    | 2475           | 0.15            | 8.40           | 1.79              | 17.47                    |

## Test Graphs





NTNV-2.4G-Ant1-2475

---End---