

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1812C60177512502-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-4-29           | Finish Test Date:  | 2026-5-6    |
| Test Engineer:   | Pearl Ao            | Auditor:           | Justin Feng |
| Temperature:     | 24.8°C              | Relative Humidity: | 52%         |
| Pressure:        | 101kPa              |                    |             |

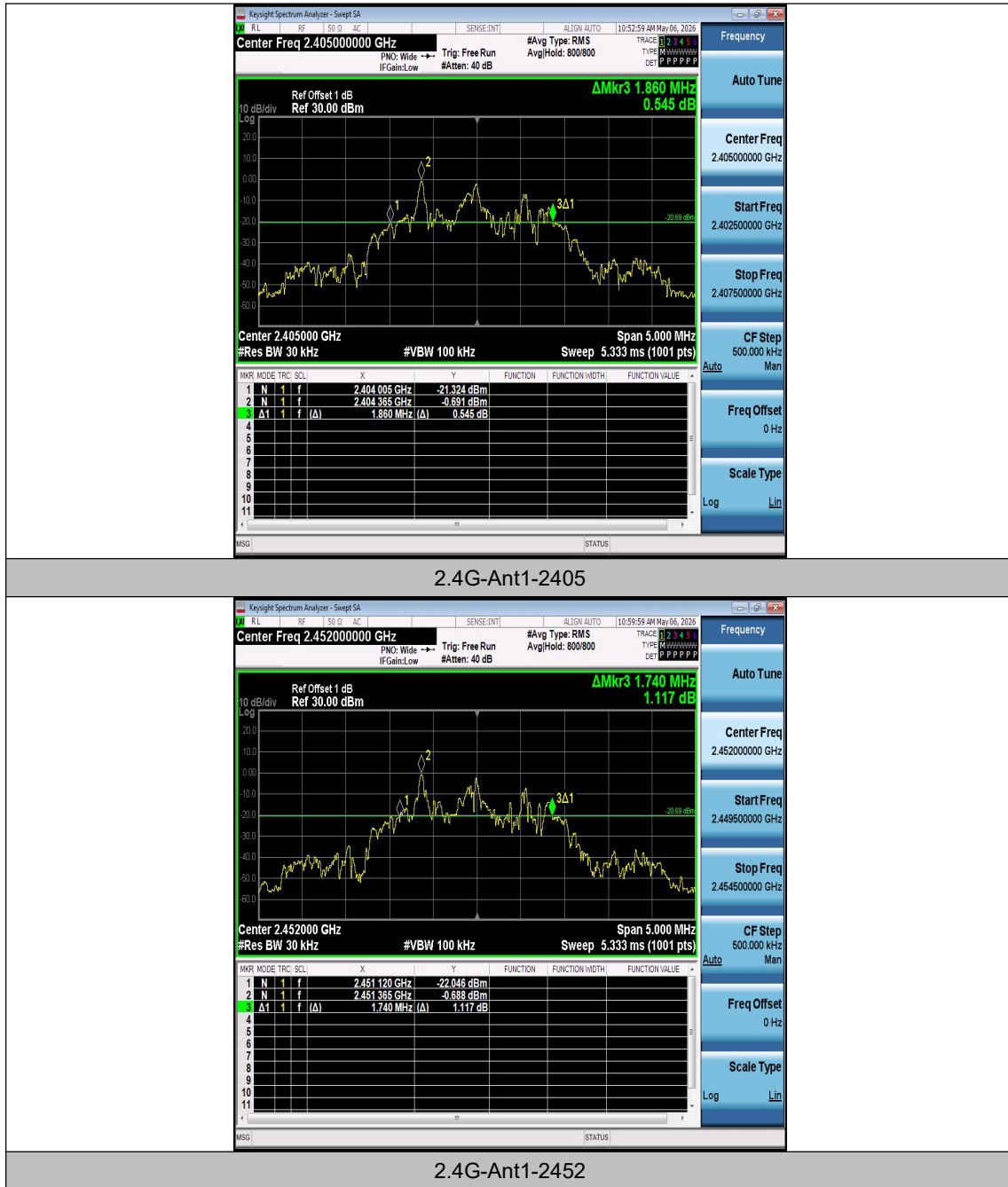


## Appendix A: 20dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency [MHz] | 20db EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|-----------------|---------------|----------|----------|------------|---------|
| 2.4G      | Ant1    | 2405            | 1.860         | 2404.005 | 2405.865 | ---        | ---     |
| 2.4G      | Ant1    | 2452            | 1.740         | 2451.120 | 2452.860 | ---        | ---     |
| 2.4G      | Ant1    | 2480            | 1.795         | 2479.115 | 2480.910 | ---        | ---     |

## Test Graphs



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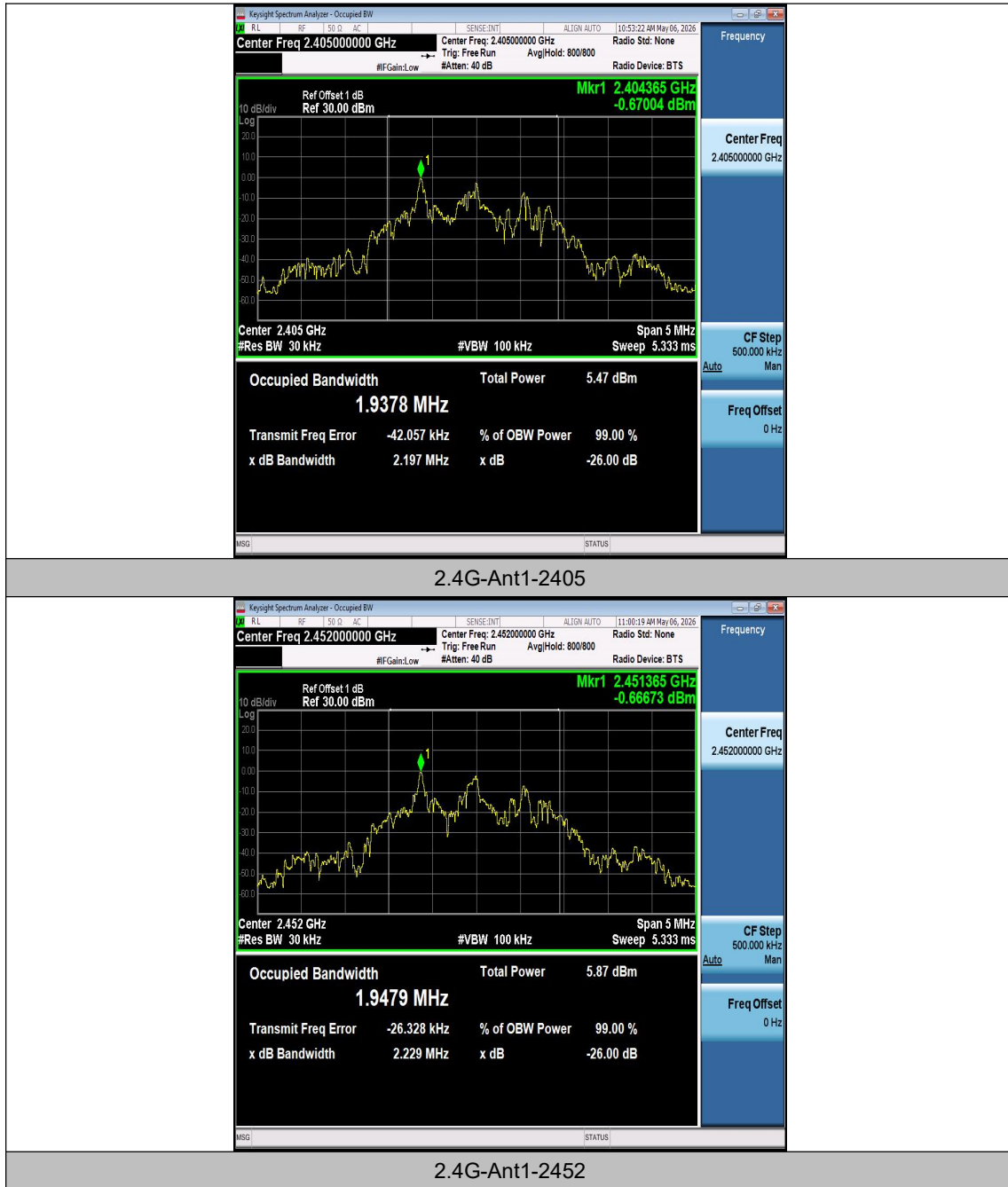
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**Appendix B: 99% Occupied Bandwidth****Test Result**

| Test Mode | Antenna | Frequency [MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|-----------------|-----------|-----------|-----------|------------|---------|
| 2.4G      | Ant1    | 2405            | 1.9378    | 2403.9890 | 2405.9268 | ---        | ---     |
| 2.4G      | Ant1    | 2452            | 1.9479    | 2450.9997 | 2452.9476 | ---        | ---     |
| 2.4G      | Ant1    | 2480            | 1.9719    | 2478.9886 | 2480.9605 | ---        | ---     |

## Test Graphs



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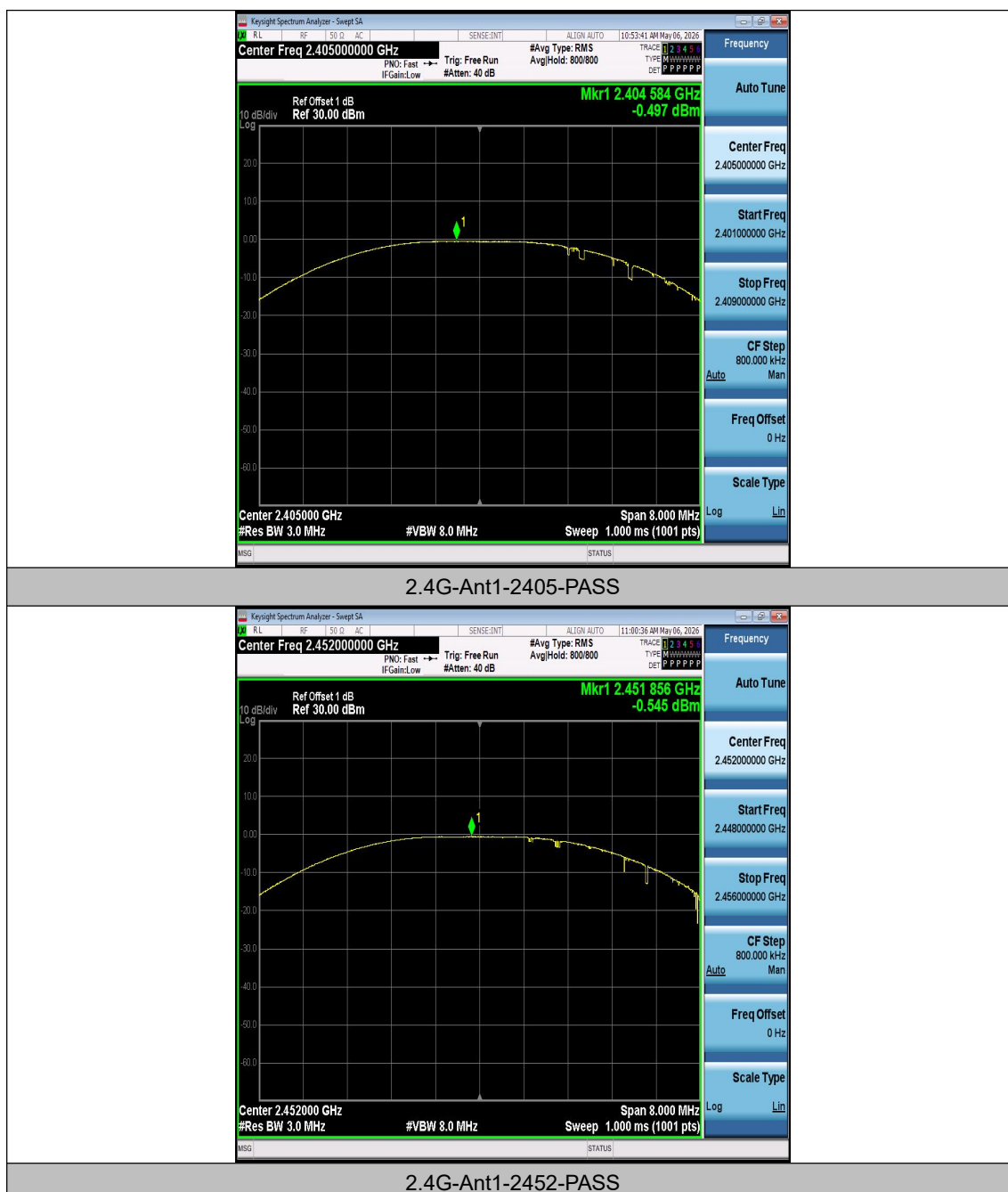
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## Appendix C: Maximum Conducted Output Power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| 2.4G      | Ant1    | 2405           | -0.50                     | ≤30                  | PASS    |
| 2.4G      | Ant1    | 2452           | -0.55                     | ≤30                  | PASS    |
| 2.4G      | Ant1    | 2480           | -0.54                     | ≤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                | 2.000           | >1.24      | PASS    |

Note: Only record the worst data in the report.

## Test Graphs



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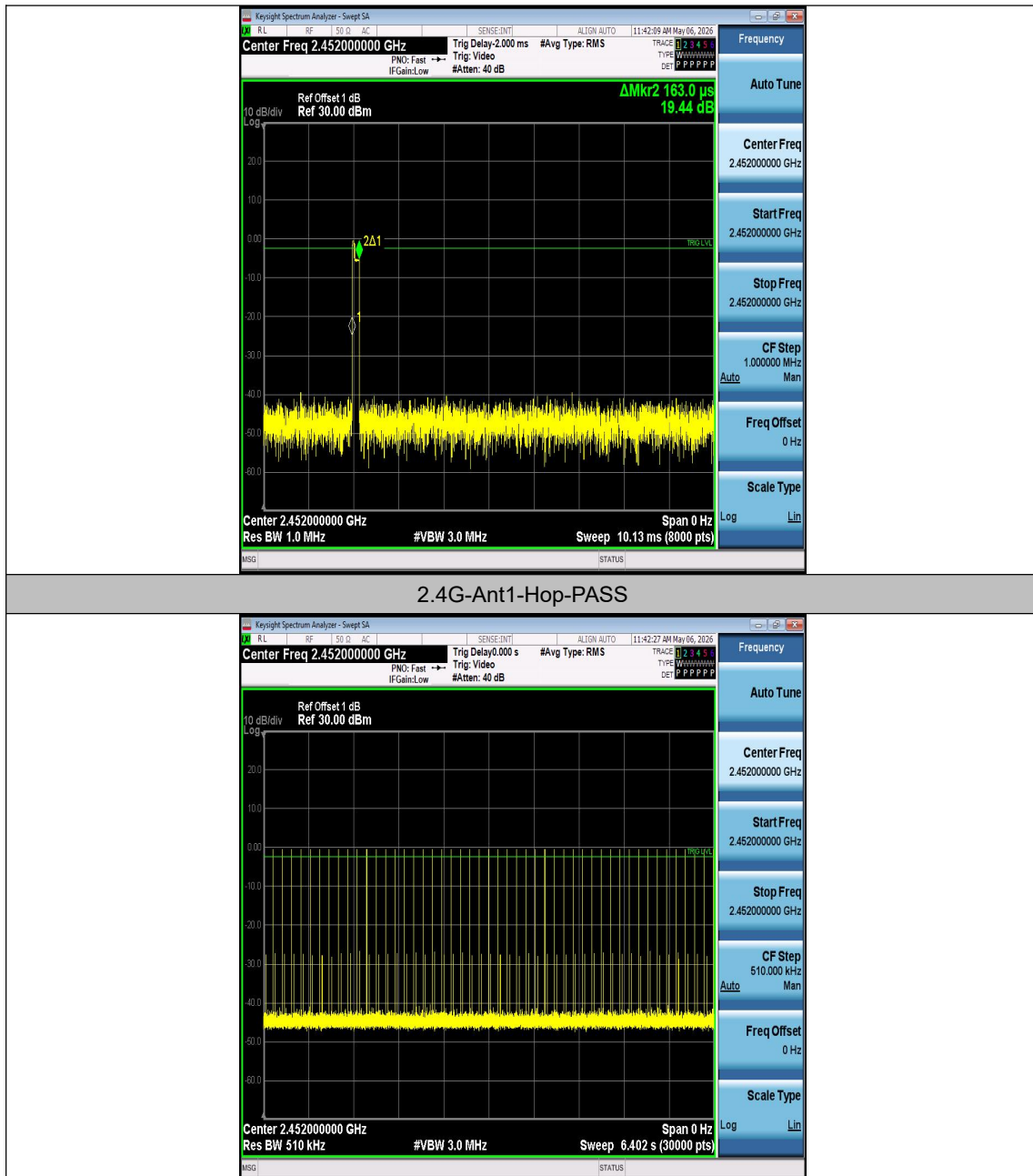
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## Appendix E: Dwell Time

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Burst Width [ms] | Total Hops [Num] | Result [s] | Limit [s] | Verdict |
|-----------|---------|-----------------|------------------|------------------|------------|-----------|---------|
| 2.4G      | Ant1    | Hop             | 0.163            | 49               | 0.008      | ≤0.4      | PASS    |

## Test Graphs



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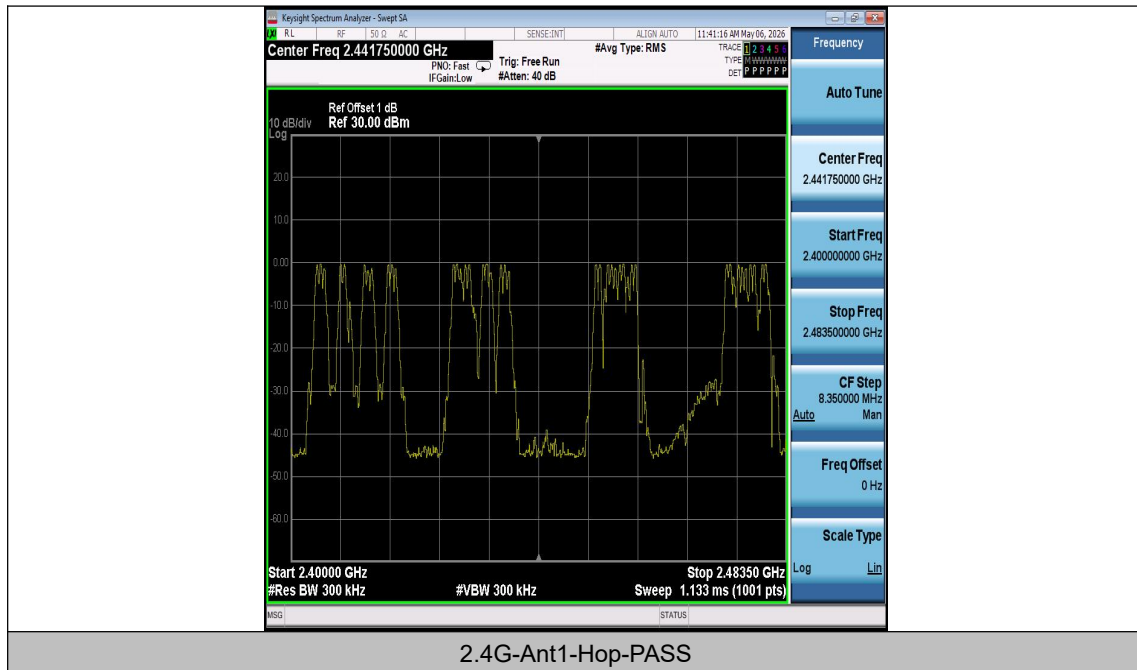
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## Appendix F: Number of Hopping Channel

### 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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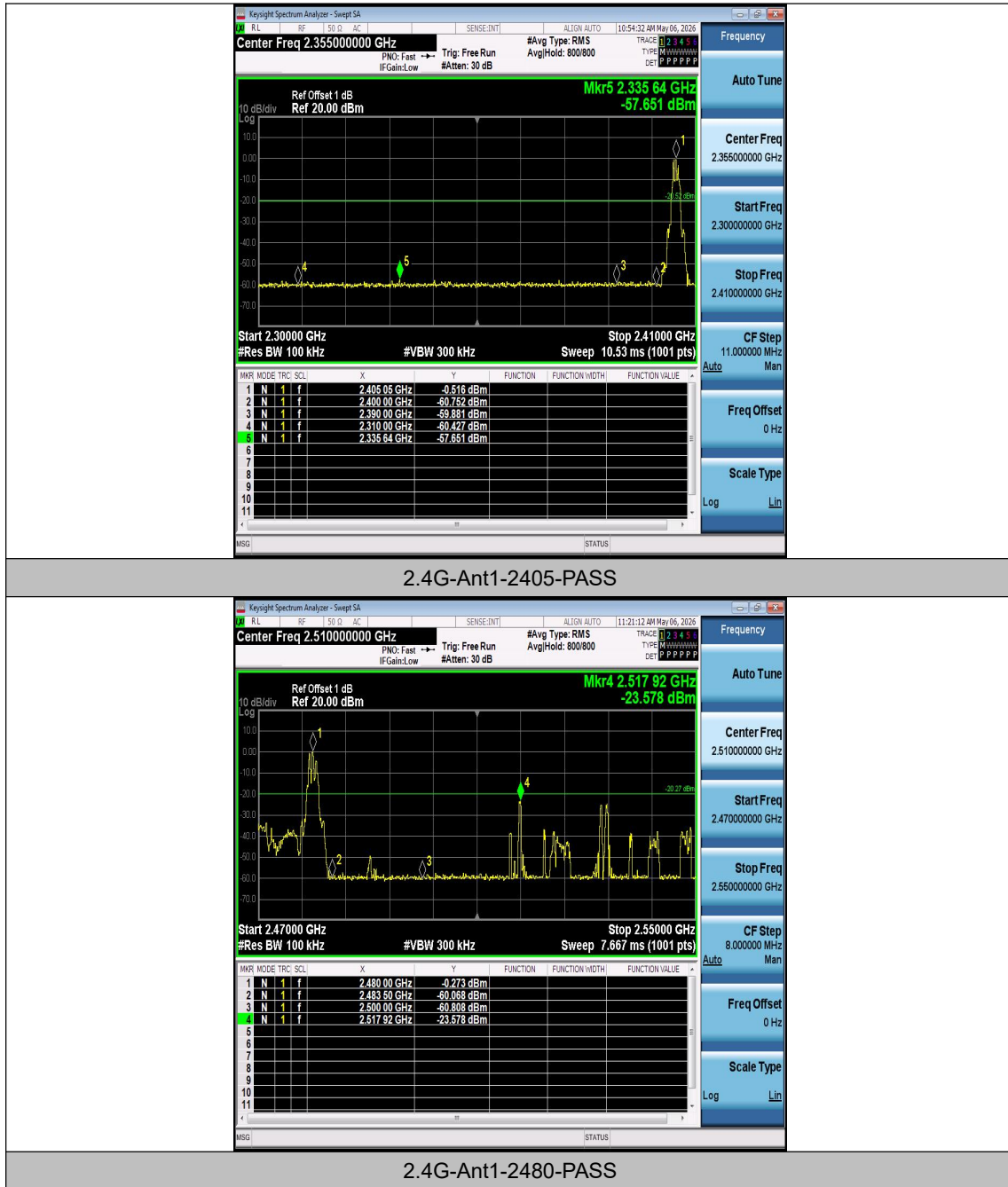
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## Appendix G: Conducted Band edge

### Test Result

| Test Mode | Antenna | Ch. Name | Frequency [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm]   | Verdict |
|-----------|---------|----------|-----------------|------------------|--------------|---------------|---------|
| 2.4G      | Ant1    | Low      | 2405            | -0.52            | -57.65       | $\leq -20.52$ | PASS    |
| 2.4G      | Ant1    | High     | 2480            | -0.27            | -23.58       | $\leq -20.27$ | PASS    |
| 2.4G      | Ant1    | Low      | Hop             | -0.63            | -57.52       | $\leq -20.63$ | PASS    |
| 2.4G      | Ant1    | High     | Hop             | -0.40            | -51.98       | $\leq -20.4$  | PASS    |

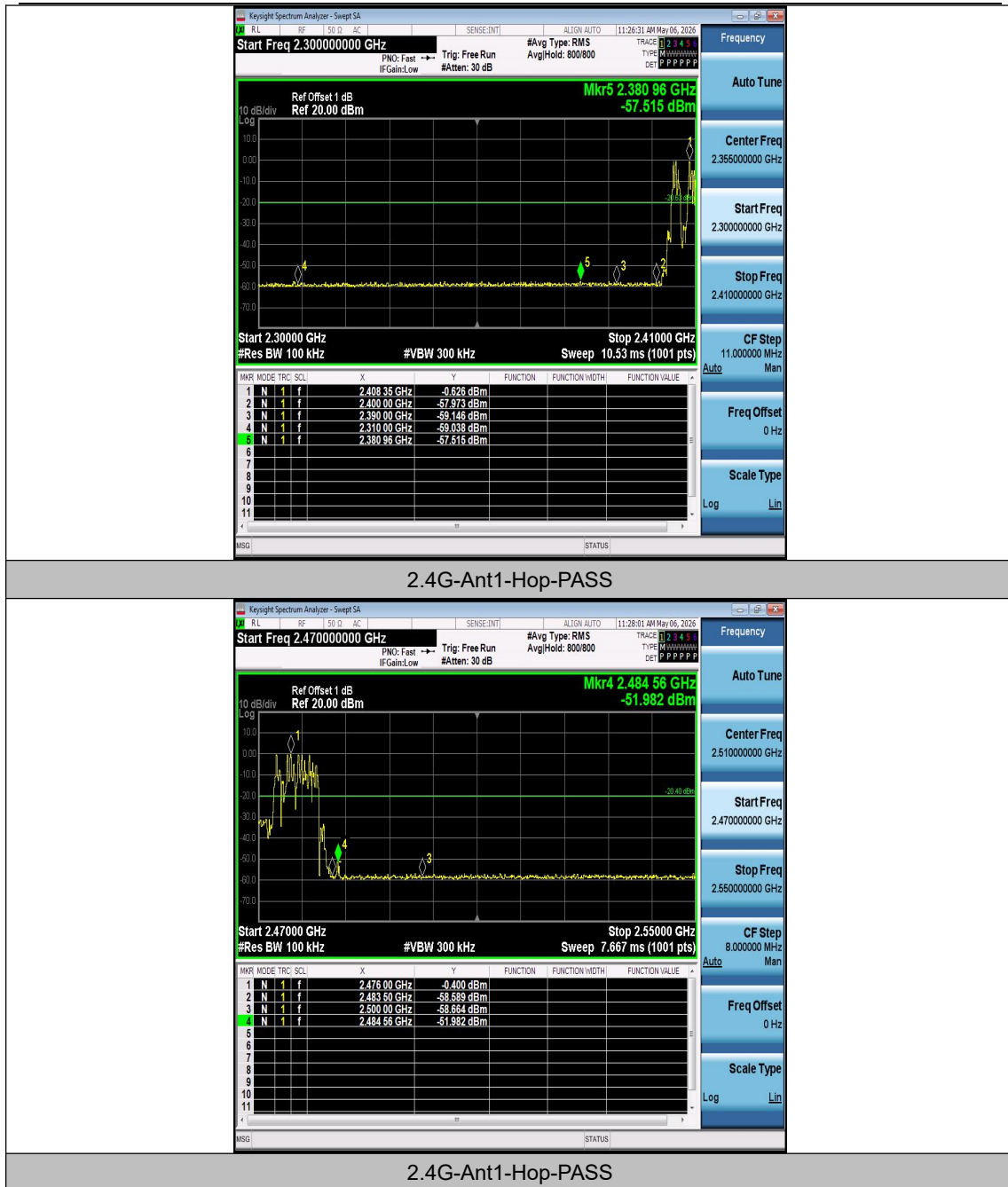
## Test Graphs



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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       | -0.69            | -0.69        | ---         | PASS    |
| 2.4G      | Ant1    | 2405           | 30~1000           | -0.69            | -58.32       | ≤-20.69     | PASS    |
| 2.4G      | Ant1    | 2405           | 1000~26500        | -0.69            | -47.44       | ≤-20.69     | PASS    |
| 2.4G      | Ant1    | 2452           | 0~Reference       | -0.62            | -0.62        | ---         | PASS    |
| 2.4G      | Ant1    | 2452           | 30~1000           | -0.62            | -47.16       | ≤-20.62     | PASS    |
| 2.4G      | Ant1    | 2452           | 1000~26500        | -0.62            | -34.26       | ≤-20.62     | PASS    |
| 2.4G      | Ant1    | 2480           | 0~Reference       | -0.70            | -0.70        | ---         | PASS    |
| 2.4G      | Ant1    | 2480           | 30~1000           | -0.70            | -49.08       | ≤-20.7      | PASS    |
| 2.4G      | Ant1    | 2480           | 1000~26500        | -0.70            | -40.8        | ≤-20.7      | 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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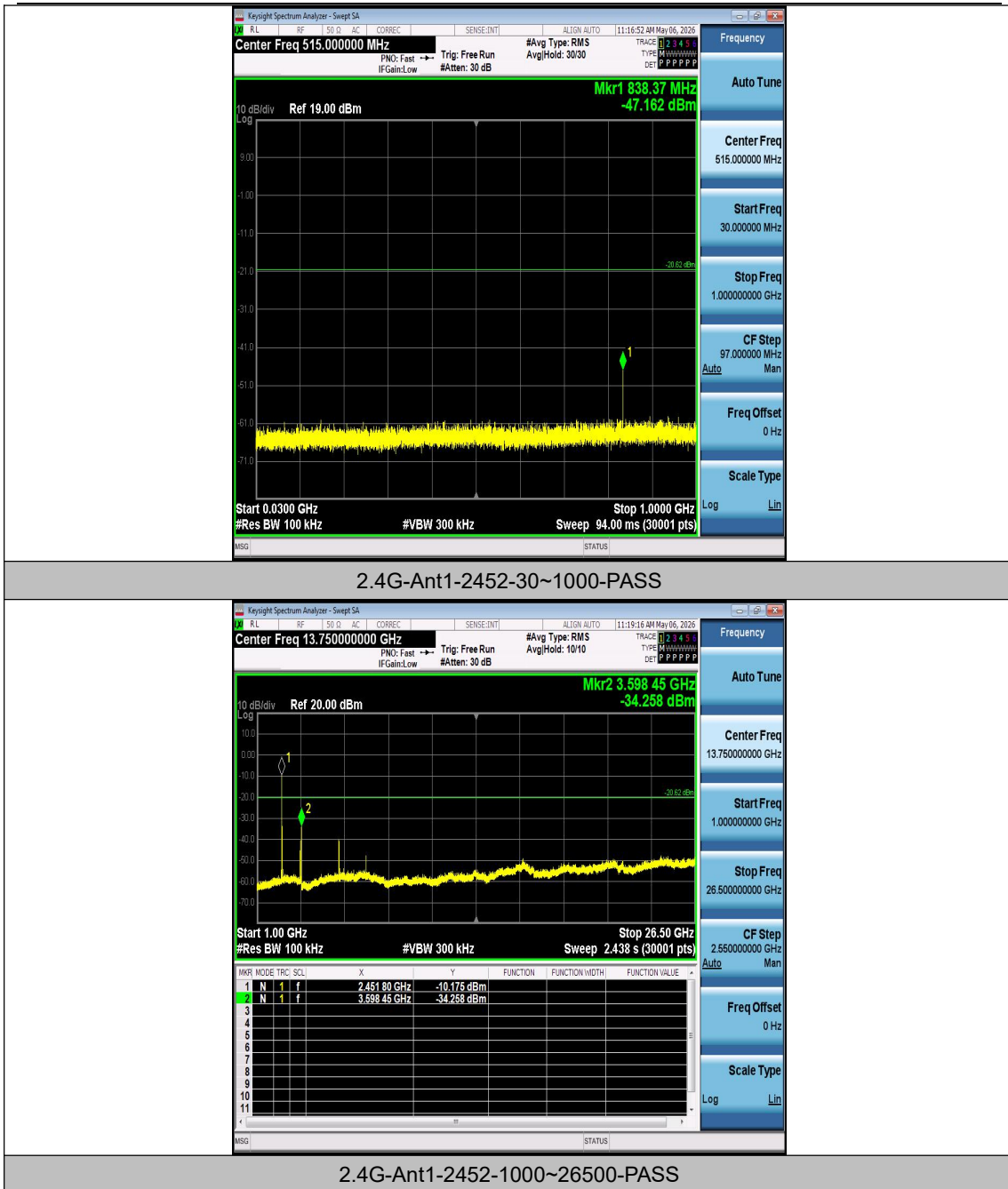
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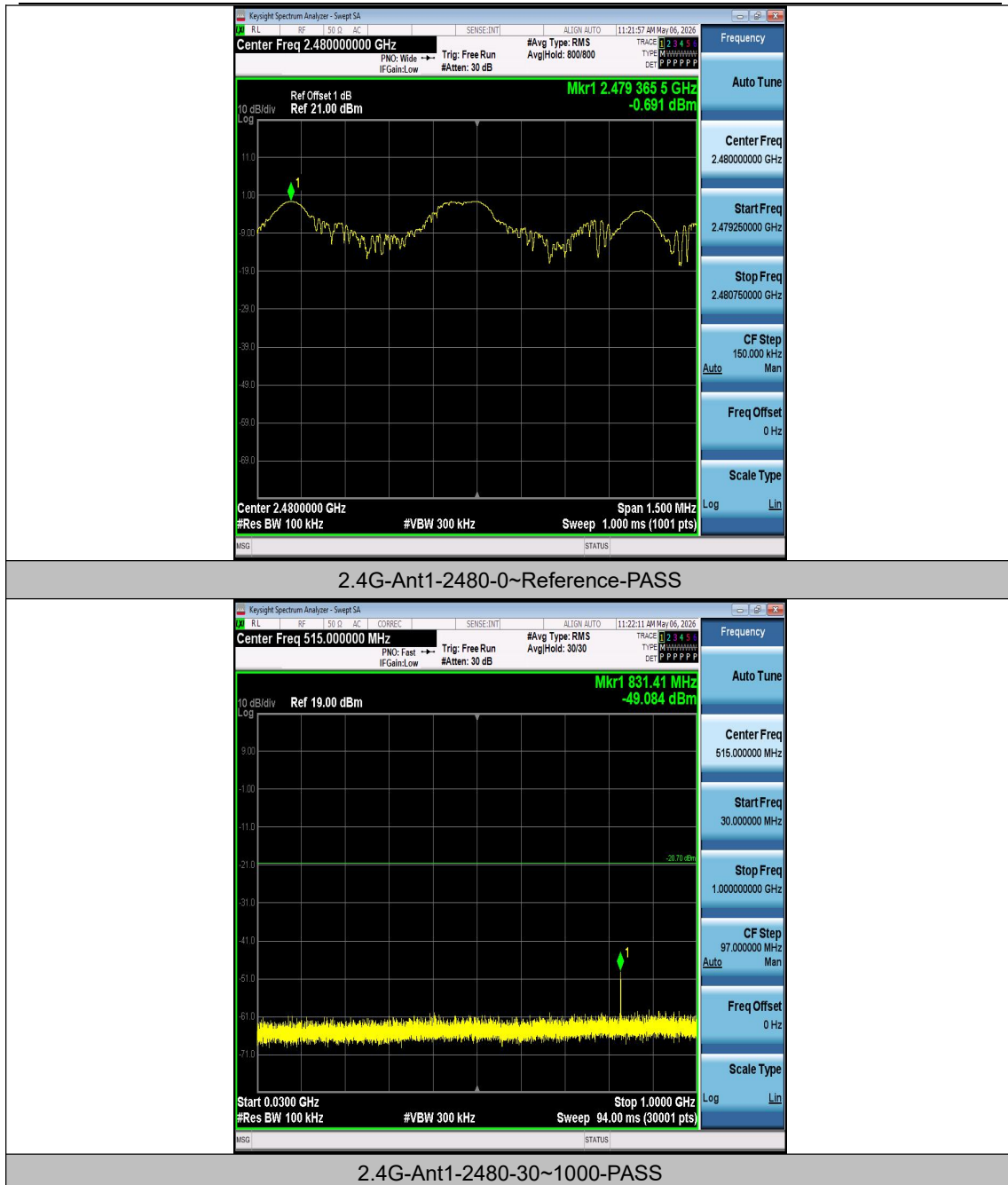
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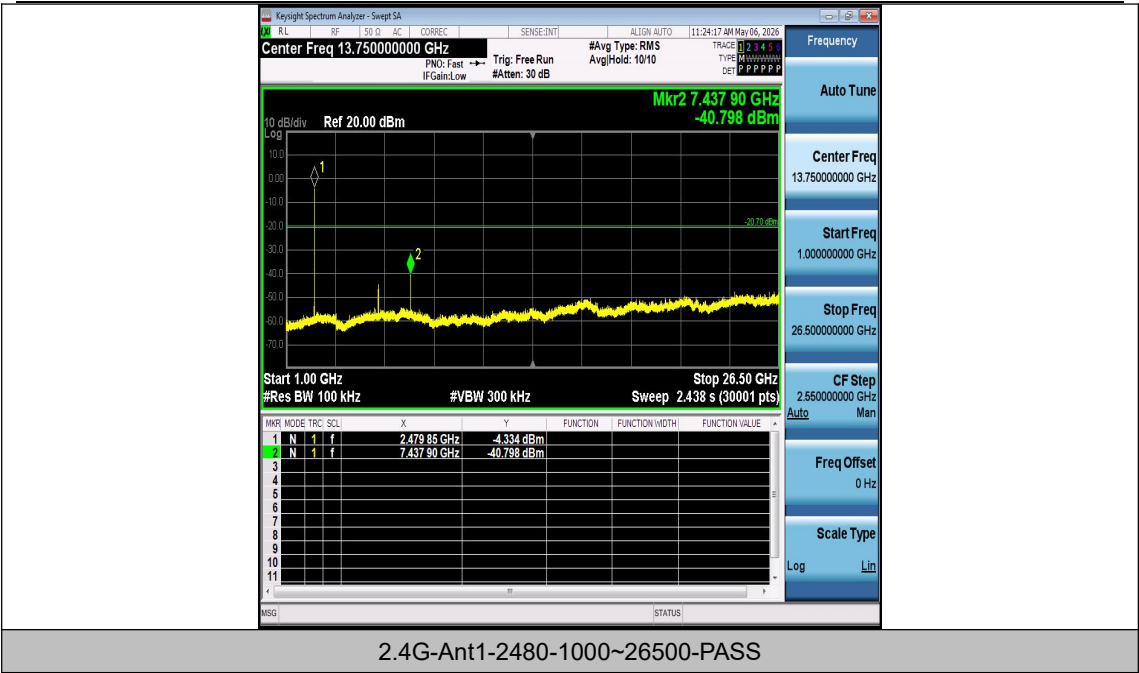
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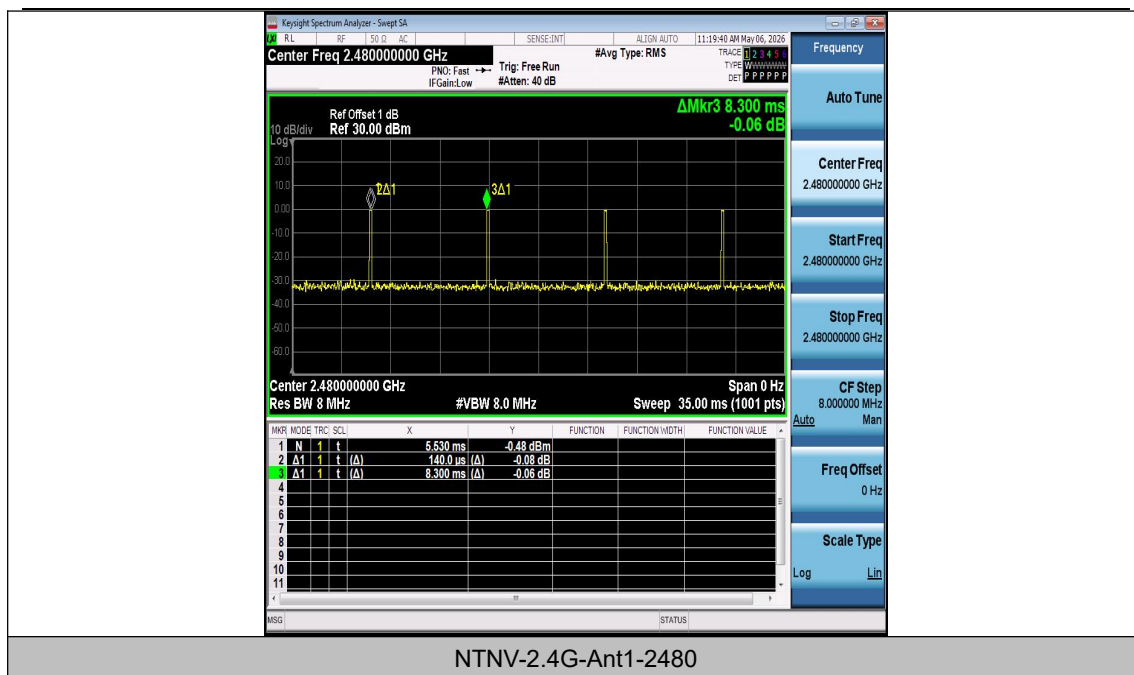
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## Appendix I: Duty Cycle

### 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           | 0.14            | 8.30           | 1.69              | 17.72                    |
| 2.4G      | Ant1    | 2452           | 0.14            | 8.30           | 1.69              | 17.72                    |
| 2.4G      | Ant1    | 2480           | 0.14            | 8.30           | 1.69              | 17.72                    |





---End---

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