

## Appendix Test Data

|                  |                     |                    |             |
|------------------|---------------------|--------------------|-------------|
| Report No.:      | 1812C60033912502-01 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2026-1-12           | Finish Test Date:  | 2026-2-2    |
| Test Engineer:   | Pearl Ao            | Auditor:           | Justin Feng |
| Temperature:     | 21.8°C              | Relative Humidity: | 48%         |
| Pressure:        | 101kPa              |                    |             |

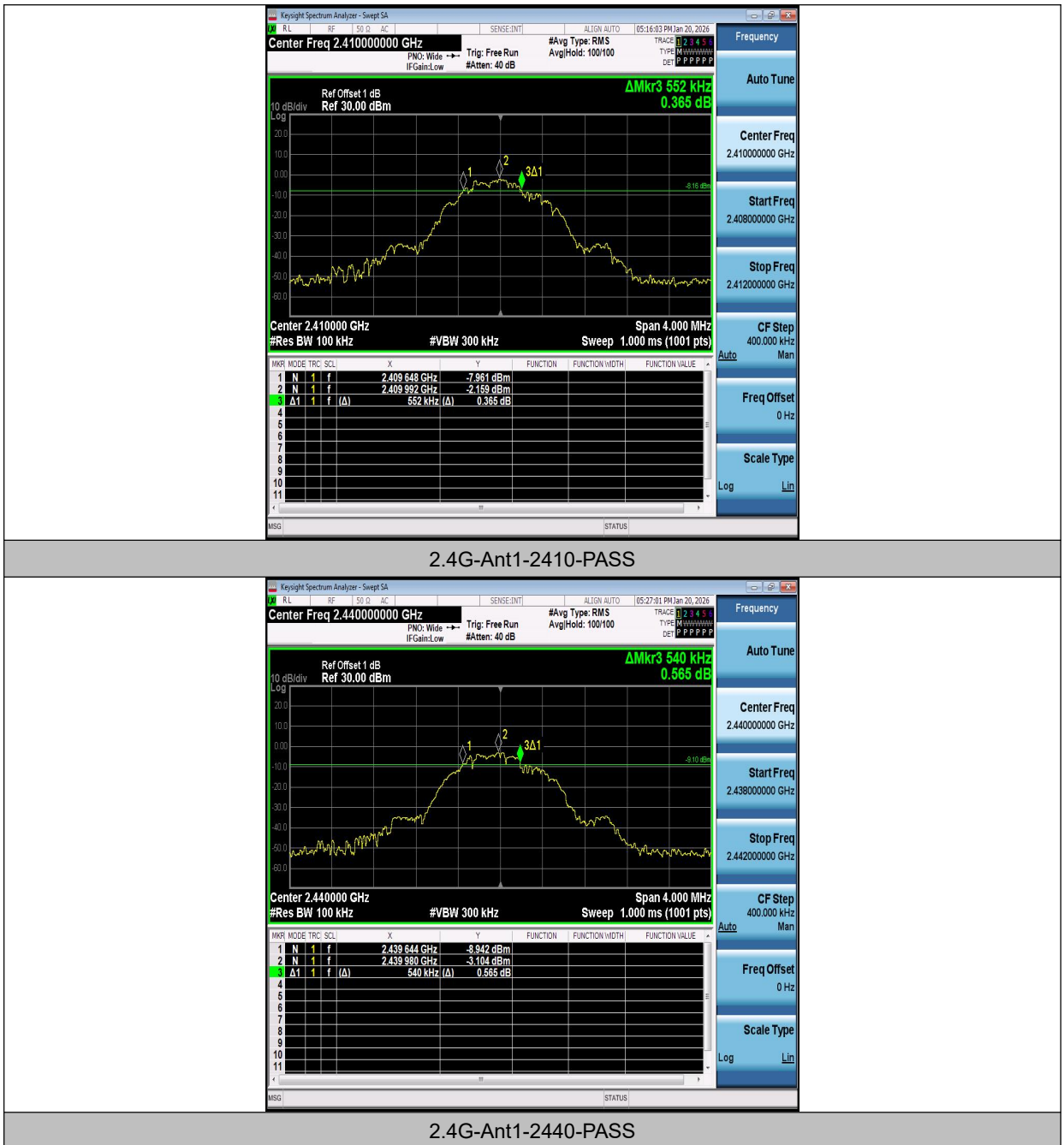


## Appendix A: 6dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency[MHz] | 6dB BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 2.4G      | Ant1    | 2410           | 0.552        | 2409.648 | 2410.200 | 0.5        | PASS    |
| 2.4G      | Ant1    | 2440           | 0.540        | 2439.644 | 2440.184 | 0.5        | PASS    |
| 2.4G      | Ant1    | 2480           | 0.572        | 2479.648 | 2480.220 | 0.5        | PASS    |

## Test Graphs



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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    | 2410           | 1.0393    | 2409.4886 | 2410.5279 | ---        | ---     |
| 2.4G      | Ant1    | 2440           | 1.0477    | 2439.4812 | 2440.5289 | ---        | ---     |
| 2.4G      | Ant1    | 2480           | 1.0556    | 2479.4769 | 2480.5325 | ---        | ---     |

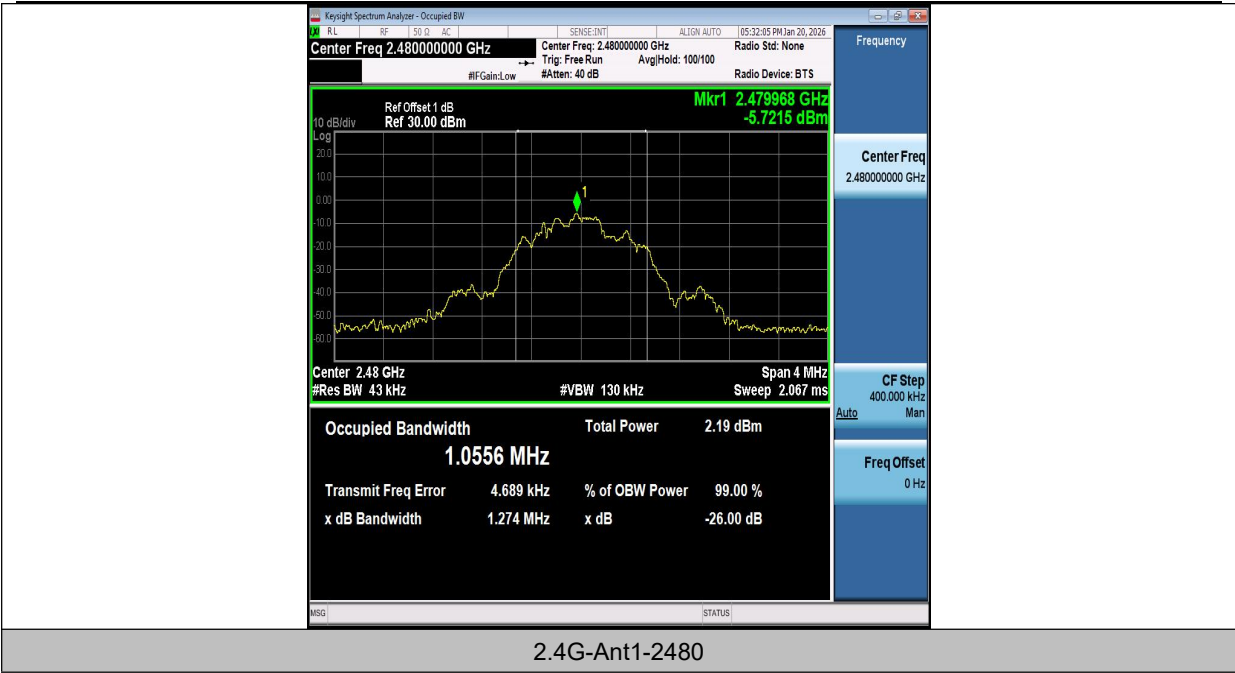
## Test Graphs



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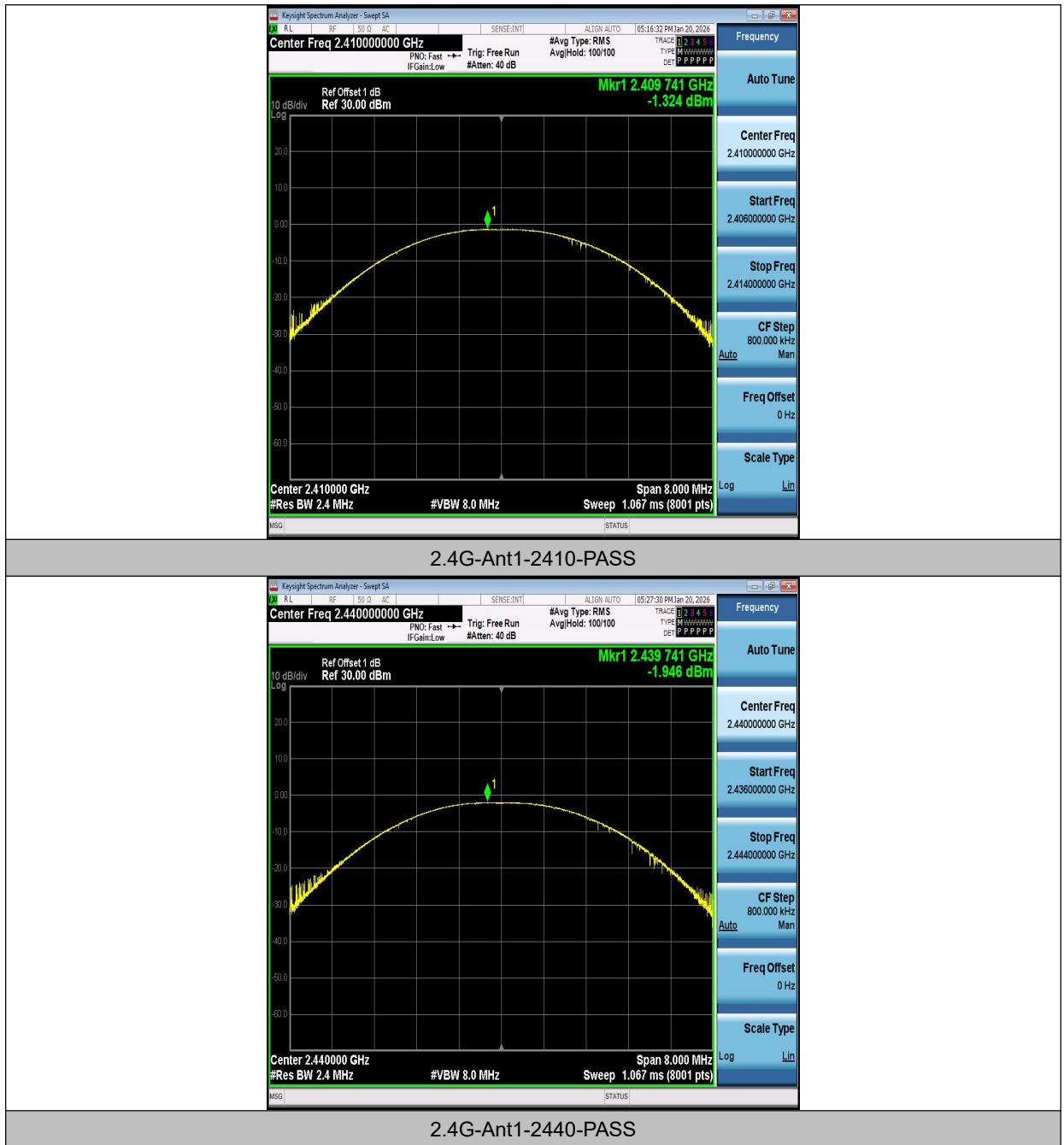
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## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency [MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------------|---------|
| 2.4G      | Ant1    | 2410            | <b>-1.32</b>              | ≤30                  | PASS    |
| 2.4G      | Ant1    | 2440            | -1.95                     | ≤30                  | PASS    |
| 2.4G      | Ant1    | 2480            | -2.66                     | ≤30                  | PASS    |

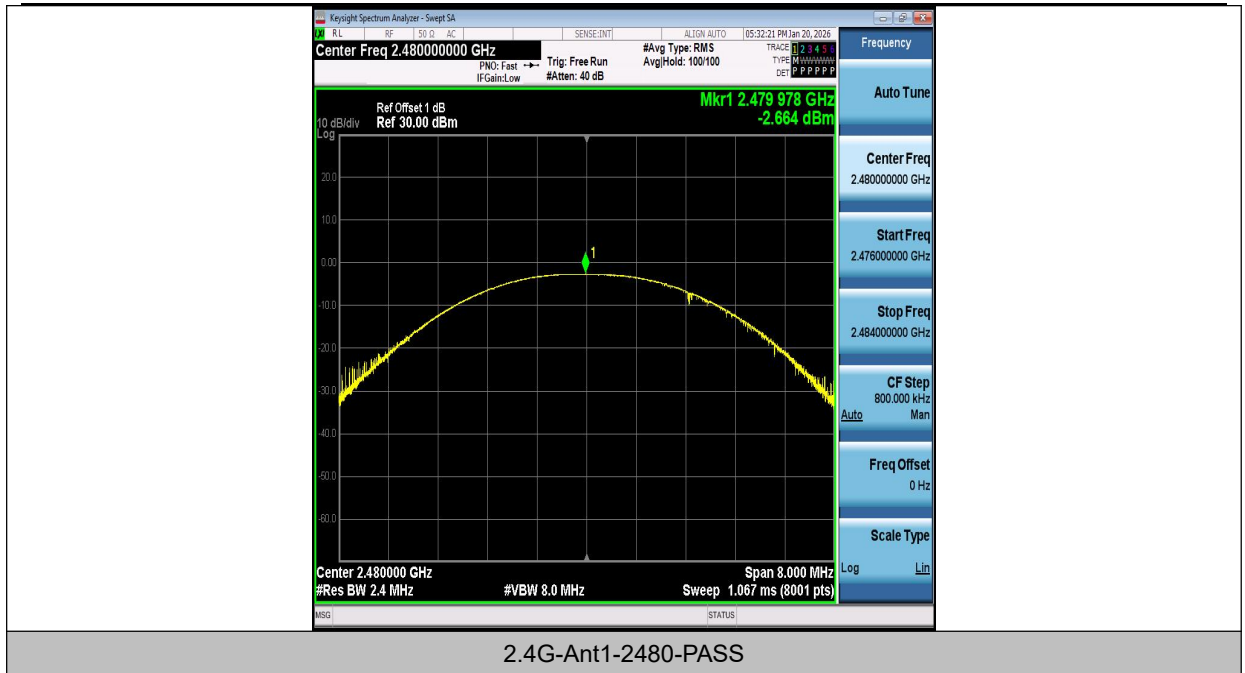
## Test Graphs Peak



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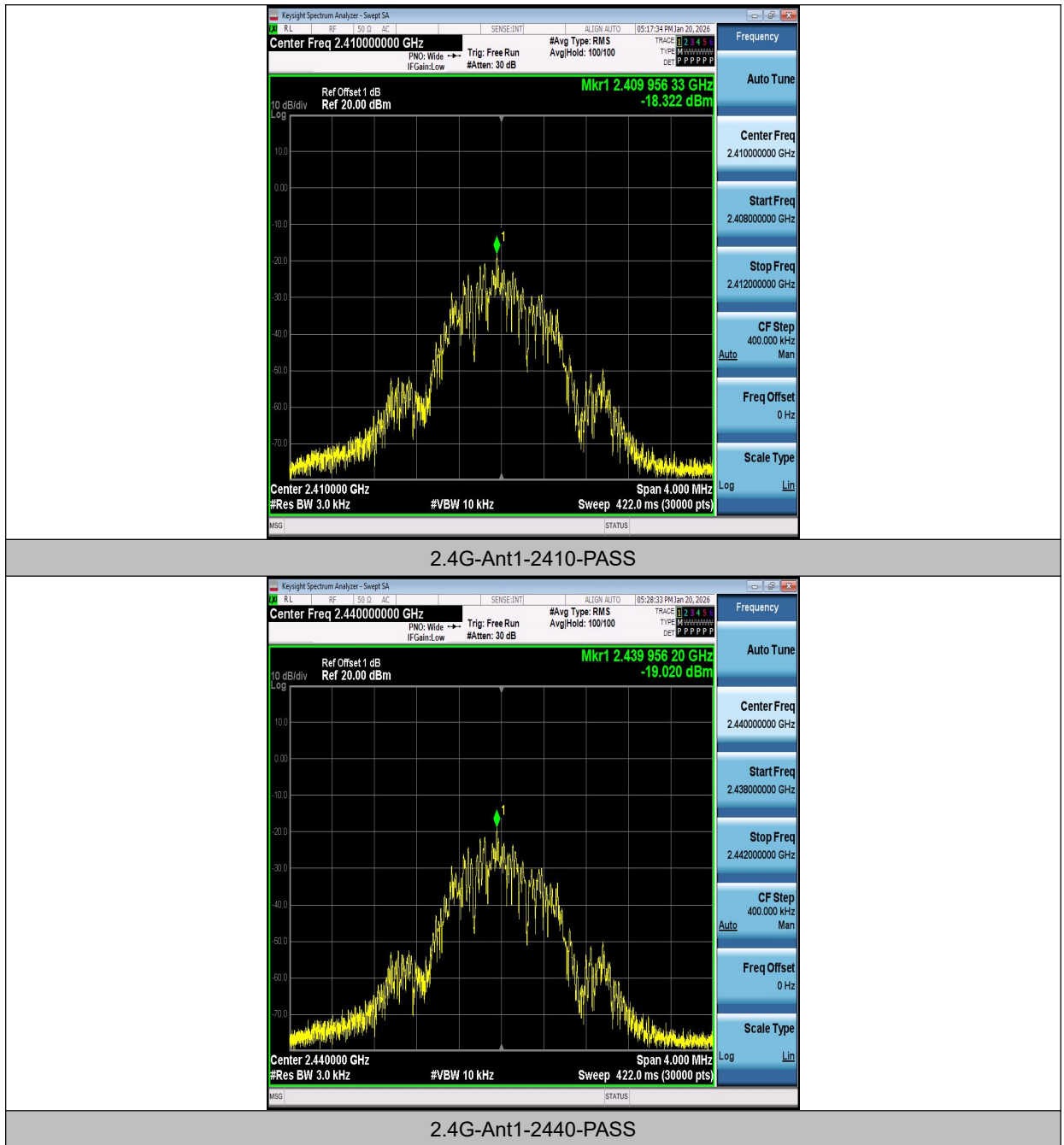
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## Appendix D: Maximum power spectral density

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|----------|---------|----------------|------------------|-----------------|---------|
| 2.4G     | Ant1    | 2410           | -18.32           | ≤8.00           | PASS    |
| 2.4G     | Ant1    | 2440           | -19.02           | ≤8.00           | PASS    |
| 2.4G     | Ant1    | 2480           | -19.75           | ≤8.00           | PASS    |

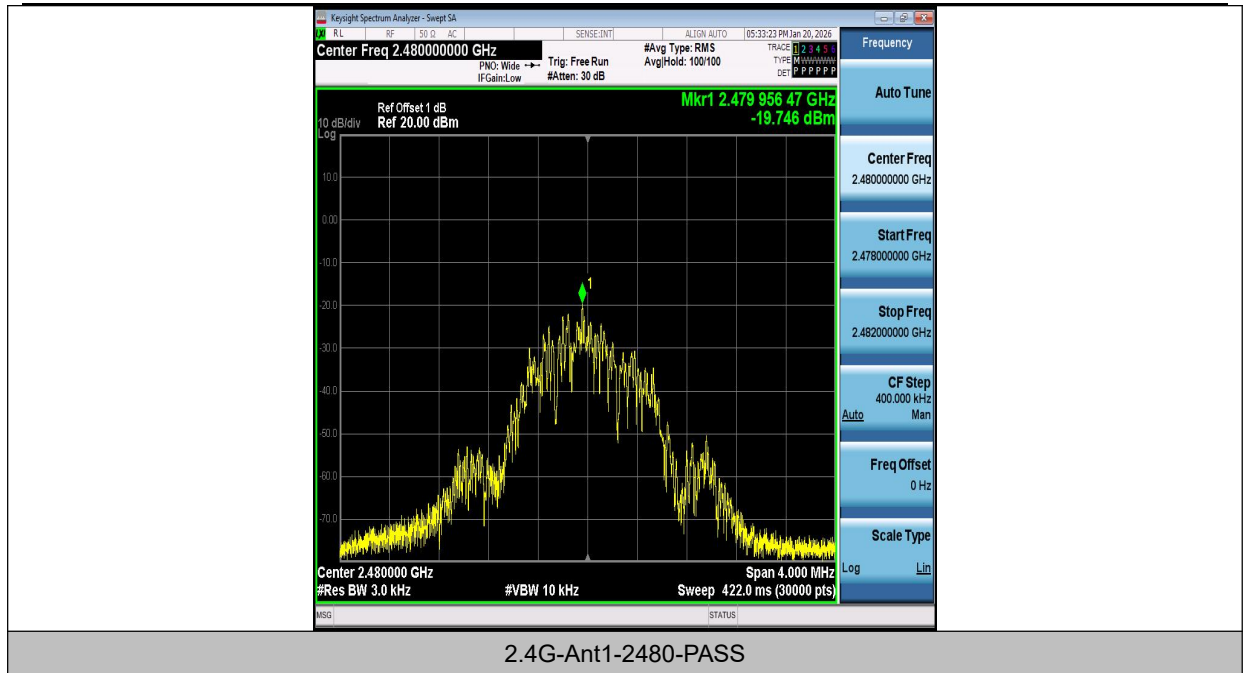
## Test Graphs



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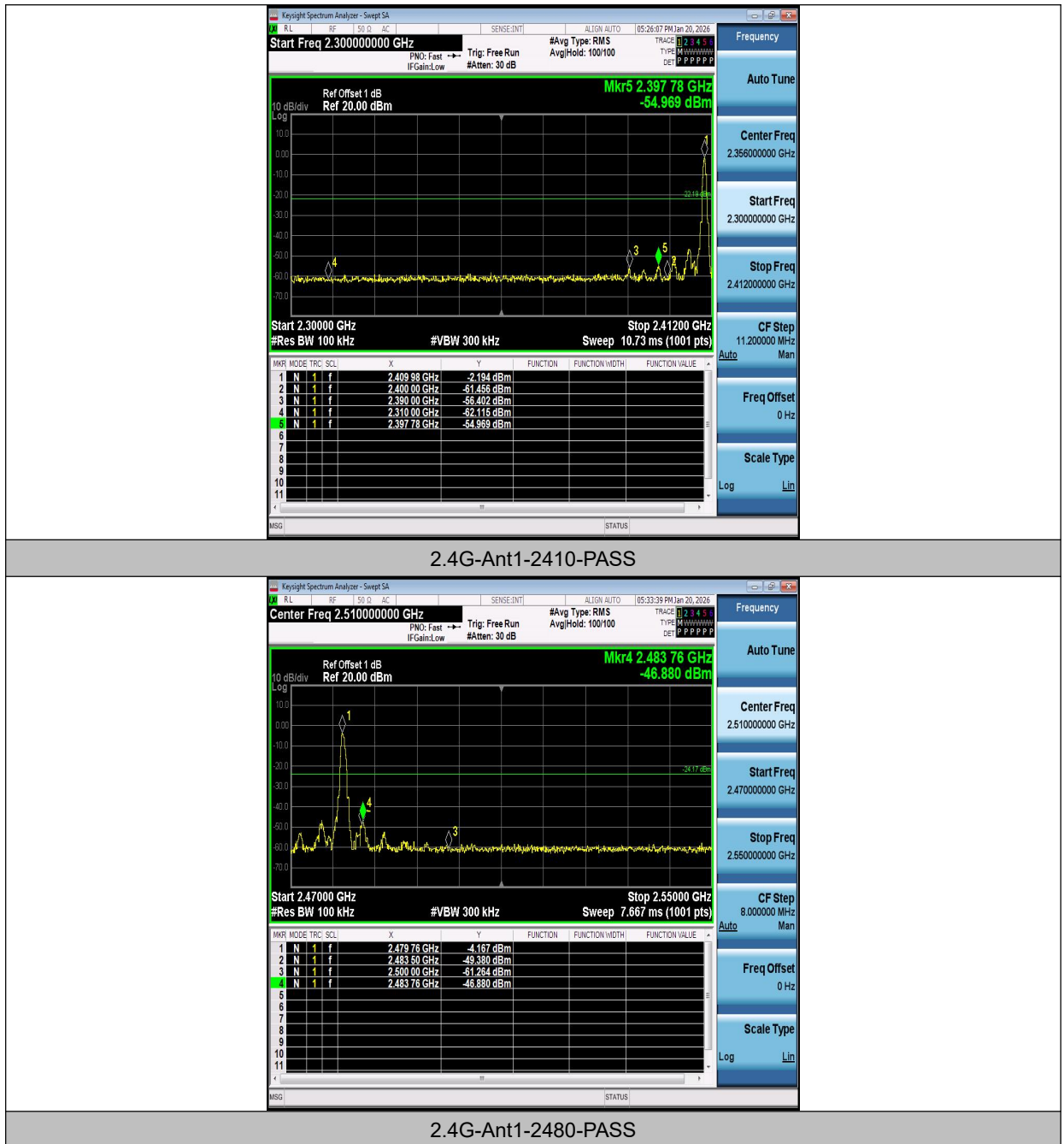
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## Appendix E: Band edge measurements

### Test Result

| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|--------------|-------------|---------|
| 2.4G      | Ant1    | Low    | 2410            | -2.19          | -54.97       | ≤-22.19     | PASS    |
| 2.4G      | Ant1    | High   | 2480            | -4.17          | -46.88       | ≤-24.17     | PASS    |

## Test Graphs



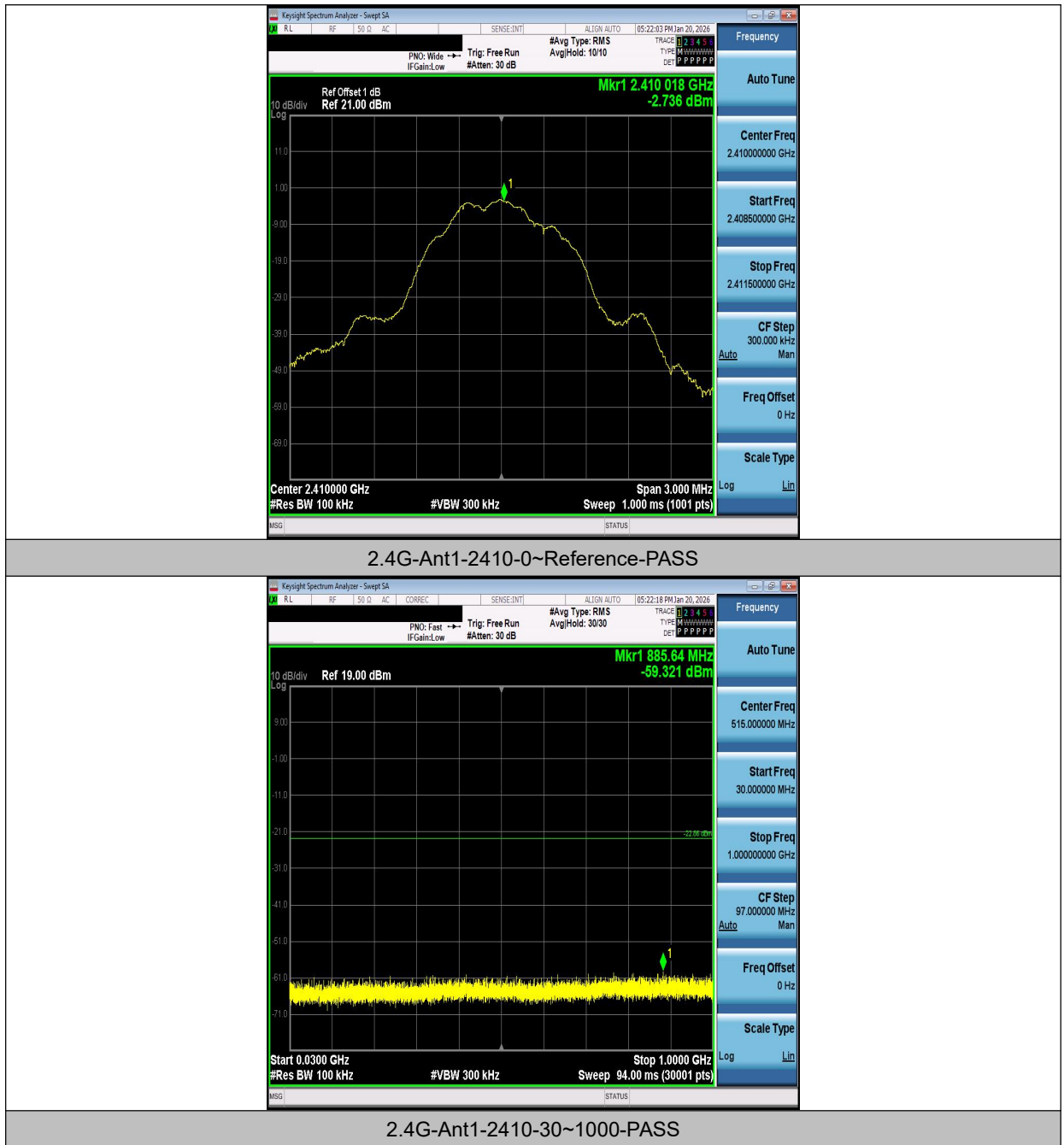
## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| 2.4G      | Ant1    | 2410            | 0~Reference       | -2.86            | -2.86        | ---         | PASS    |
| 2.4G      | Ant1    | 2410            | 30~1000           | -2.86            | -59.32       | ≤-22.86     | PASS    |
| 2.4G      | Ant1    | 2410            | 1000~26500        | -2.86            | -49.08       | ≤-22.86     | PASS    |
| 2.4G      | Ant1    | 2440            | 0~Reference       | -2.87            | -2.87        | ---         | PASS    |
| 2.4G      | Ant1    | 2440            | 30~1000           | -2.87            | -59.14       | ≤-22.87     | PASS    |
| 2.4G      | Ant1    | 2440            | 1000~26500        | -2.87            | -48.04       | ≤-22.87     | PASS    |
| 2.4G      | Ant1    | 2480            | 0~Reference       | -3.60            | -3.60        | ---         | PASS    |
| 2.4G      | Ant1    | 2480            | 30~1000           | -3.60            | -58.86       | ≤-23.6      | PASS    |
| 2.4G      | Ant1    | 2480            | 1000~26500        | -3.60            | -47.17       | ≤-23.6      | 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.

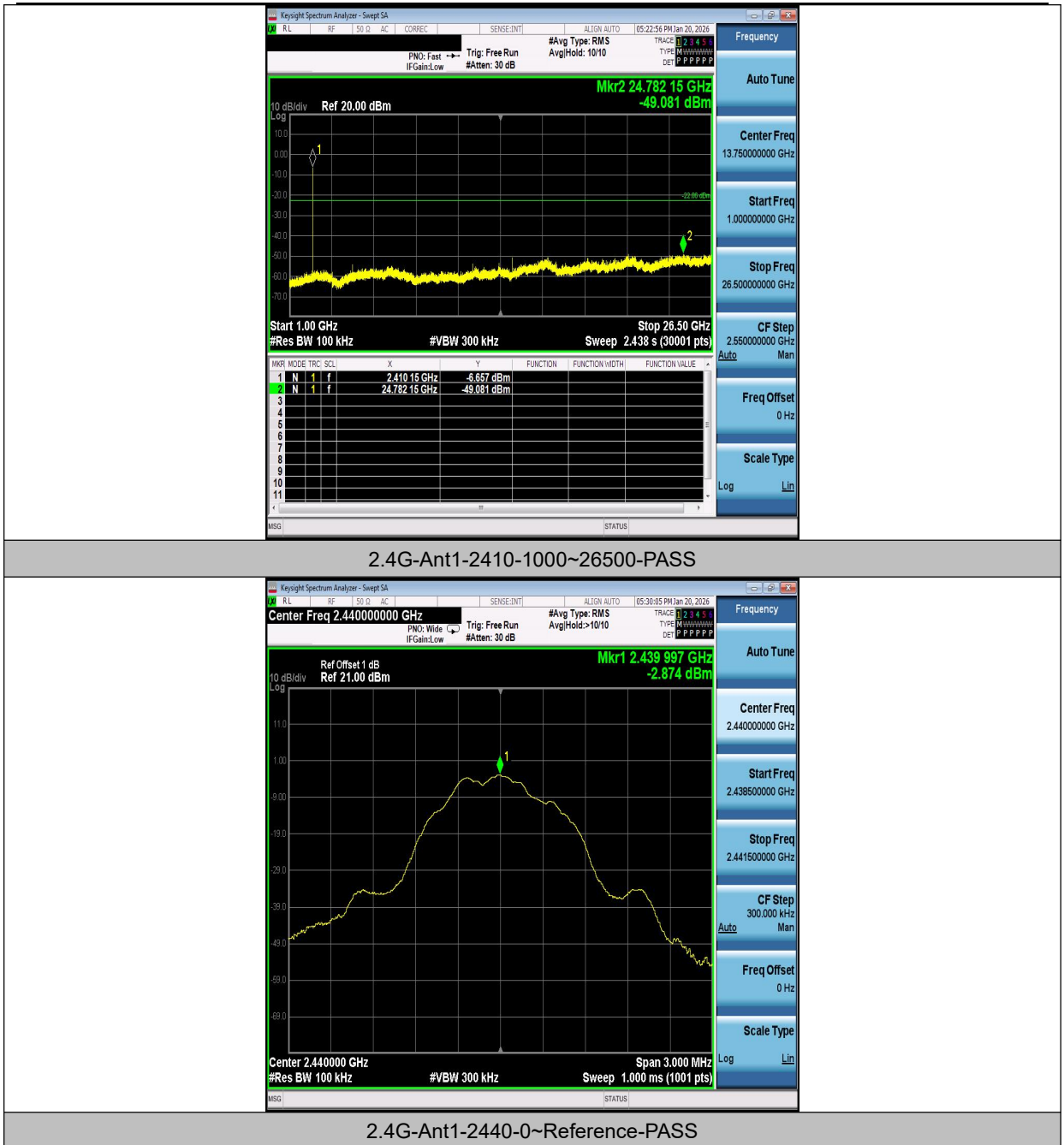
## Test Graphs



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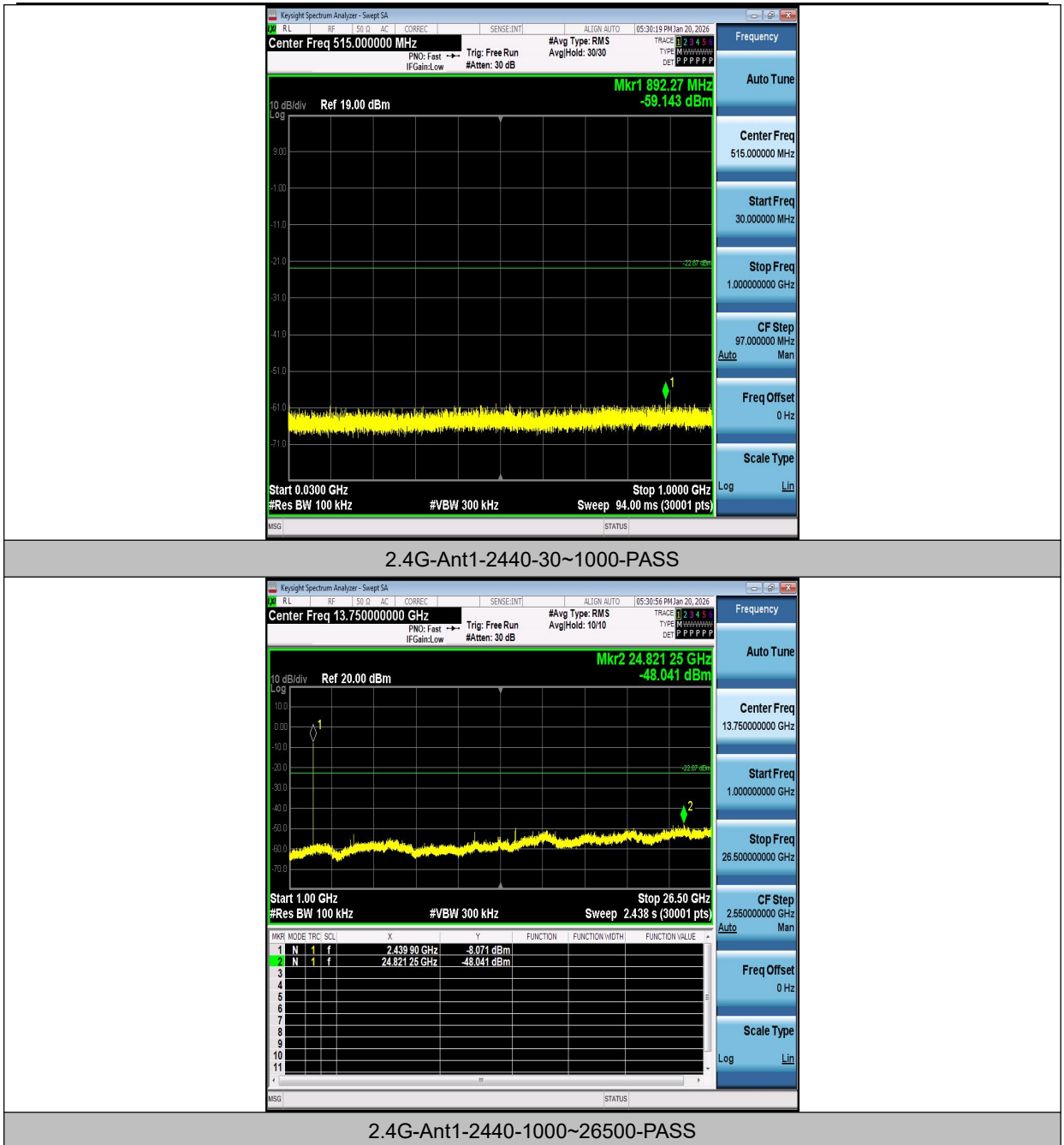
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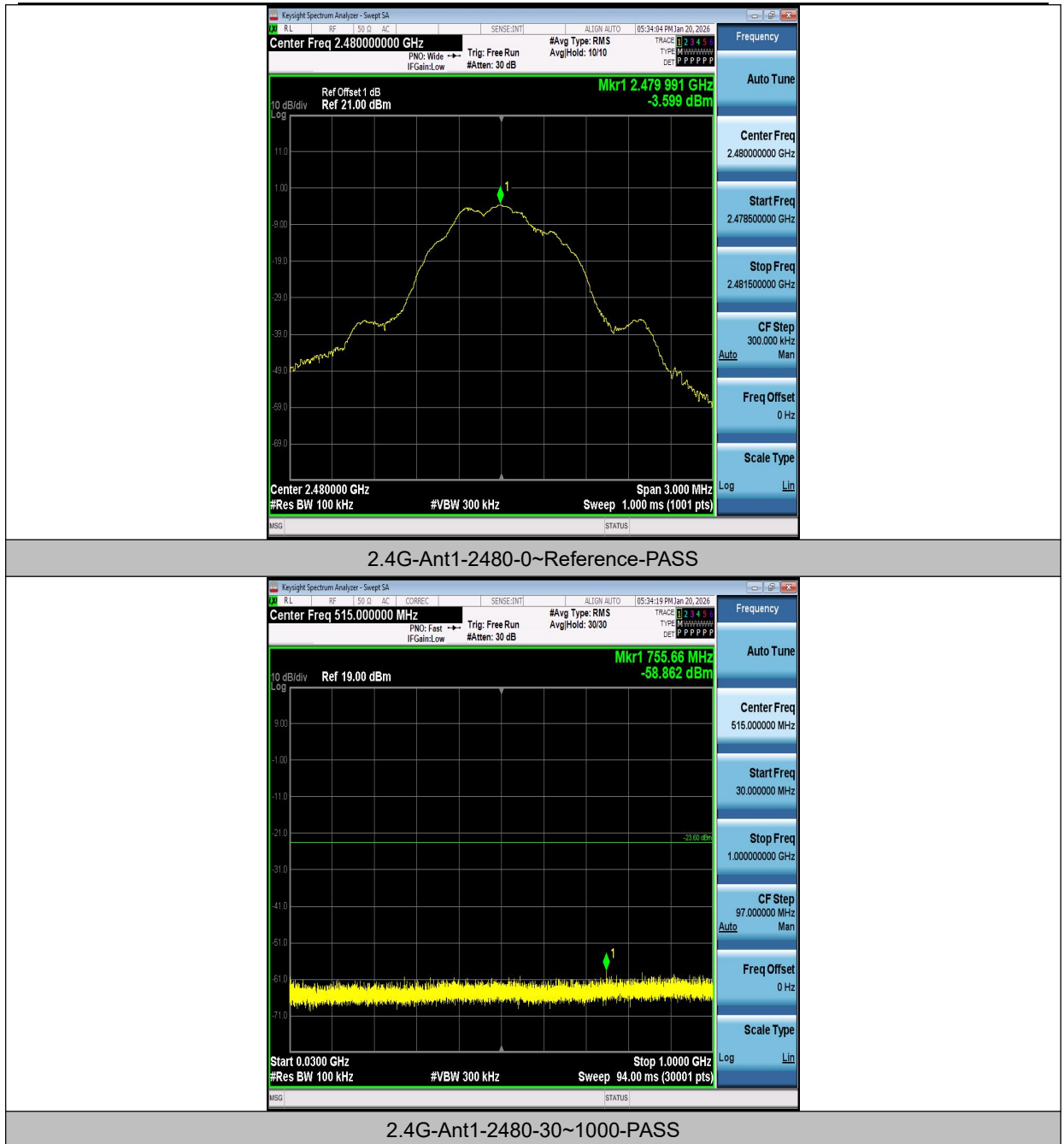
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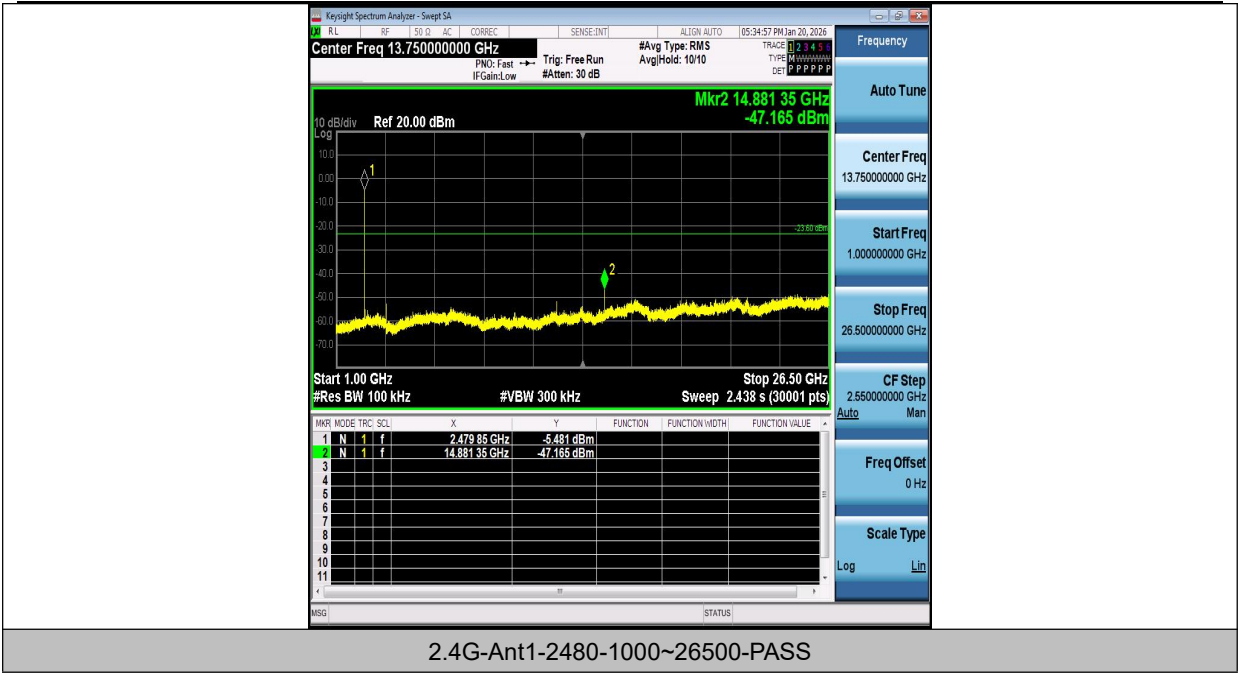
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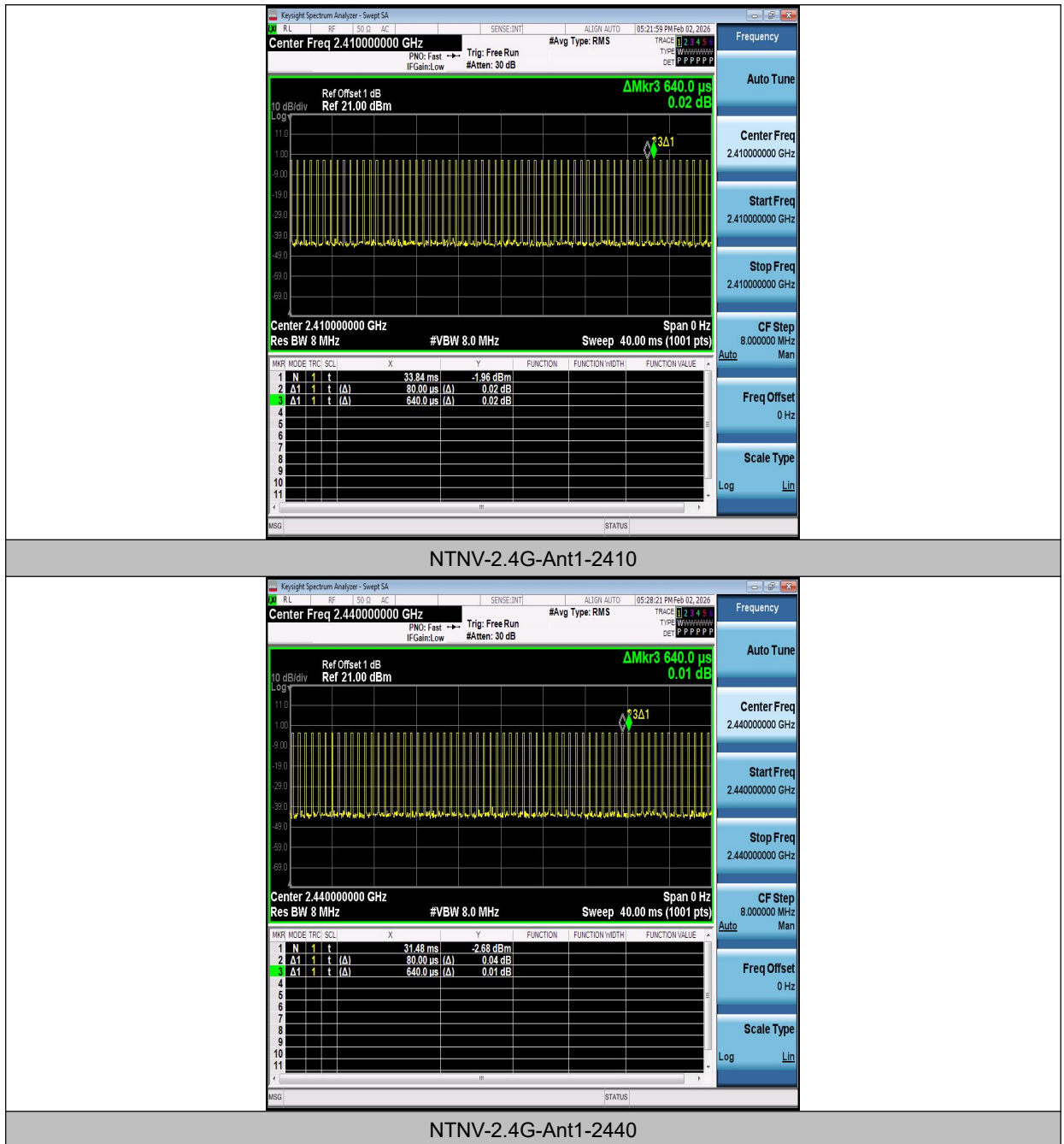
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## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | ON Time<br>[ms] | Period<br>[ms] | Duty Cycle<br>[%] | Duty Cycle<br>Factor[dB] |
|-----------|---------|--------------------|-----------------|----------------|-------------------|--------------------------|
| 2.4G      | Ant1    | 2410               | 0.08            | 0.64           | 12.50             | 9.03                     |
| 2.4G      | Ant1    | 2440               | 0.08            | 0.64           | 12.50             | 9.03                     |
| 2.4G      | Ant1    | 2480               | 0.08            | 0.64           | 12.50             | 9.03                     |

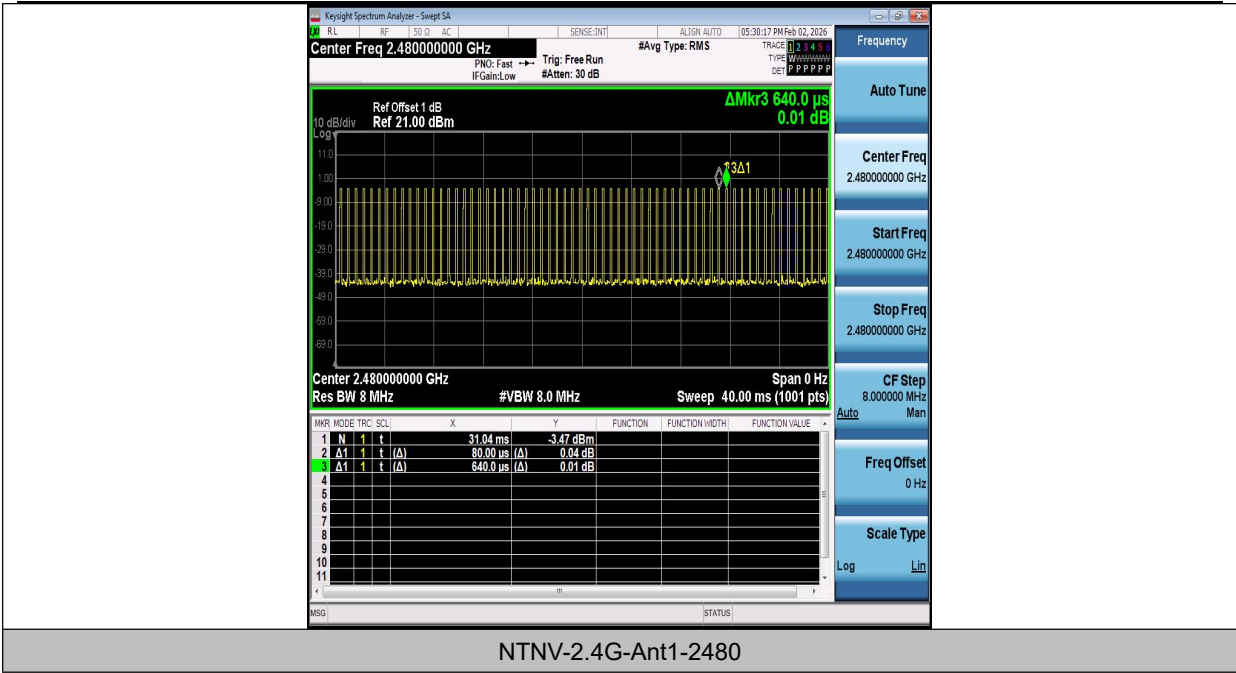
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