

## Appendix Test Data

|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No.:      | 1819C50099612501 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2025-10-22       | Finish Test Date:  | 2025-11-12  |
| Test Engineer:   | Alex Peng        | Auditor:           | Justin Feng |
| Temperature:     | 22°C             | Relative Humidity: | 53%         |
| Pressure:        | 101kPa           |                    |             |

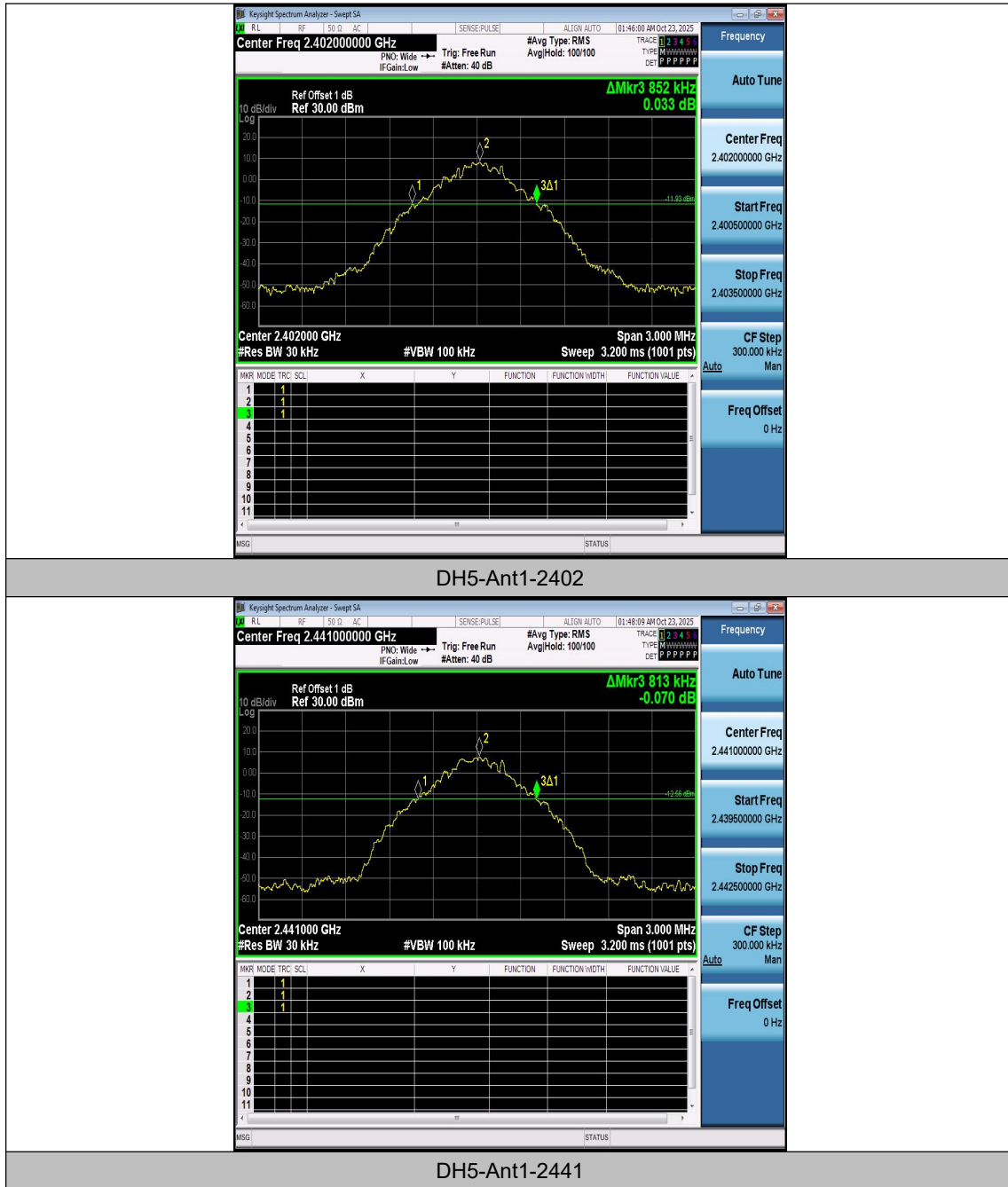


## Appendix A: 20dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency [MHz] | 20db EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|-----------------|---------------|----------|----------|------------|---------|
| DH5       | Ant1    | 2402            | 0.852         | 2401.556 | 2402.408 | ---        | ---     |
| DH5       | Ant1    | 2441            | 0.813         | 2440.595 | 2441.408 | ---        | ---     |
| DH5       | Ant1    | 2480            | 0.855         | 2479.562 | 2480.417 | ---        | ---     |
| 2DH5      | Ant1    | 2402            | 1.293         | 2401.361 | 2402.654 | ---        | ---     |
| 2DH5      | Ant1    | 2441            | 1.275         | 2440.370 | 2441.645 | ---        | ---     |
| 2DH5      | Ant1    | 2480            | 1.290         | 2479.364 | 2480.654 | ---        | ---     |
| 3DH5      | Ant1    | 2402            | 1.290         | 2401.346 | 2402.636 | ---        | ---     |
| 3DH5      | Ant1    | 2441            | 1.266         | 2440.361 | 2441.627 | ---        | ---     |
| 3DH5      | Ant1    | 2480            | 1.278         | 2479.355 | 2480.633 | ---        | ---     |

## Test Graphs



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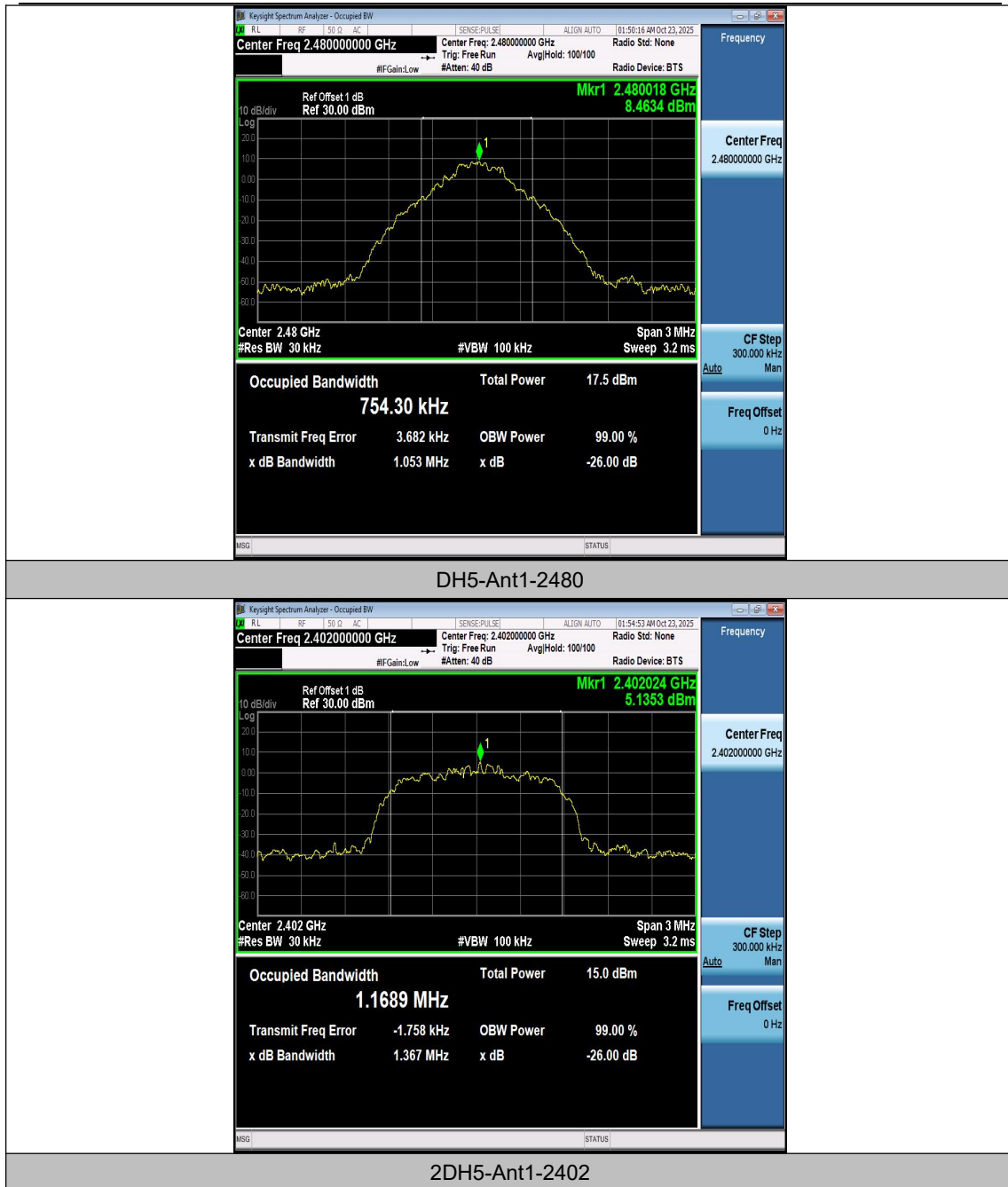
## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Frequency [MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|-----------------|-----------|-----------|-----------|------------|---------|
| DH5       | Ant1    | 2402            | 0.75541   | 2401.6269 | 2402.3824 | ---        | ---     |
| DH5       | Ant1    | 2441            | 0.75014   | 2440.6282 | 2441.3783 | ---        | ---     |
| DH5       | Ant1    | 2480            | 0.75430   | 2479.6265 | 2480.3808 | ---        | ---     |
| 2DH5      | Ant1    | 2402            | 1.1689    | 2401.4138 | 2402.5827 | ---        | ---     |
| 2DH5      | Ant1    | 2441            | 1.1673    | 2440.4133 | 2441.5806 | ---        | ---     |
| 2DH5      | Ant1    | 2480            | 1.1543    | 2479.4200 | 2480.5743 | ---        | ---     |
| 3DH5      | Ant1    | 2402            | 1.1797    | 2401.4130 | 2402.5927 | ---        | ---     |
| 3DH5      | Ant1    | 2441            | 1.1558    | 2440.4286 | 2441.5844 | ---        | ---     |
| 3DH5      | Ant1    | 2480            | 1.1720    | 2479.4184 | 2480.5904 | ---        | ---     |

### Test Graphs





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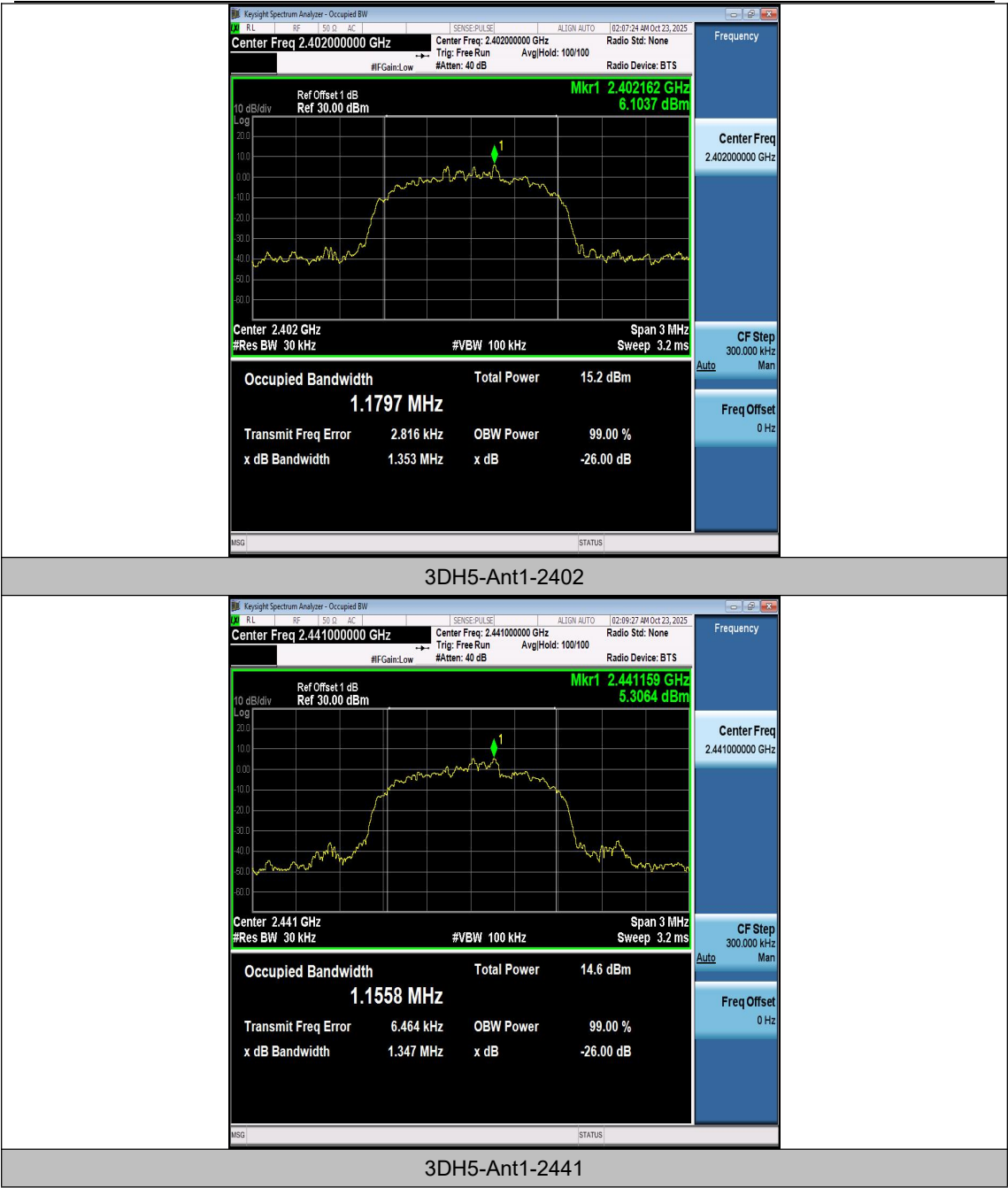
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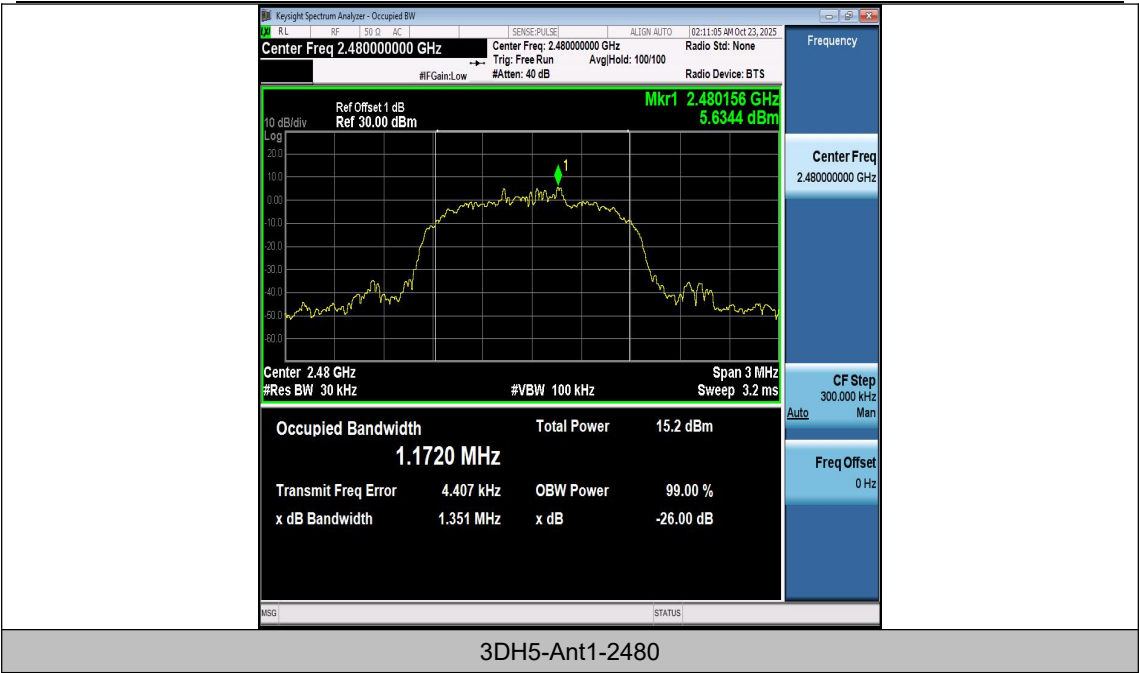


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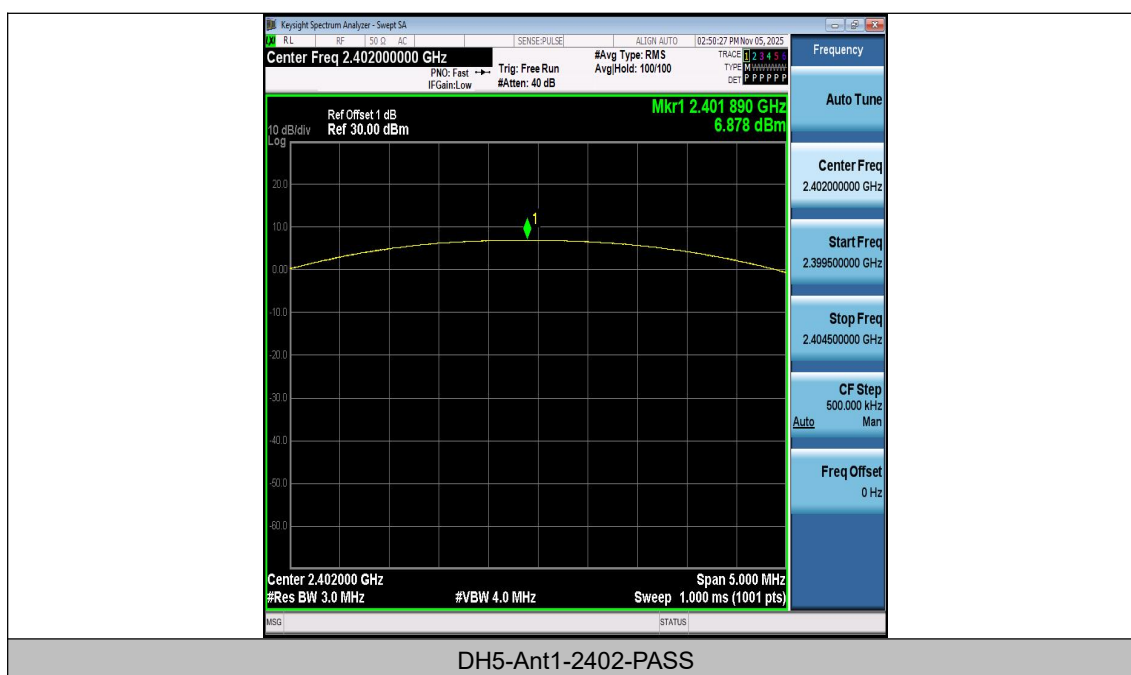
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## Appendix C: Maximum Conducted Output Power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| DH5       | Ant1    | 2402           | 6.88                      | ≤30                  | PASS    |
| DH5       | Ant1    | 2441           | 6.40                      | ≤30                  | PASS    |
| DH5       | Ant1    | 2480           | 6.05                      | ≤30                  | PASS    |
| 2DH5      | Ant1    | 2402           | 7.27                      | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2441           | 6.86                      | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2480           | 6.73                      | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2402           | 7.49                      | ≤30                  | PASS    |
| 3DH5      | Ant1    | 2441           | 7.11                      | ≤30                  | PASS    |
| 3DH5      | Ant1    | 2480           | 6.99                      | ≤30                  | PASS    |

### Test Graphs

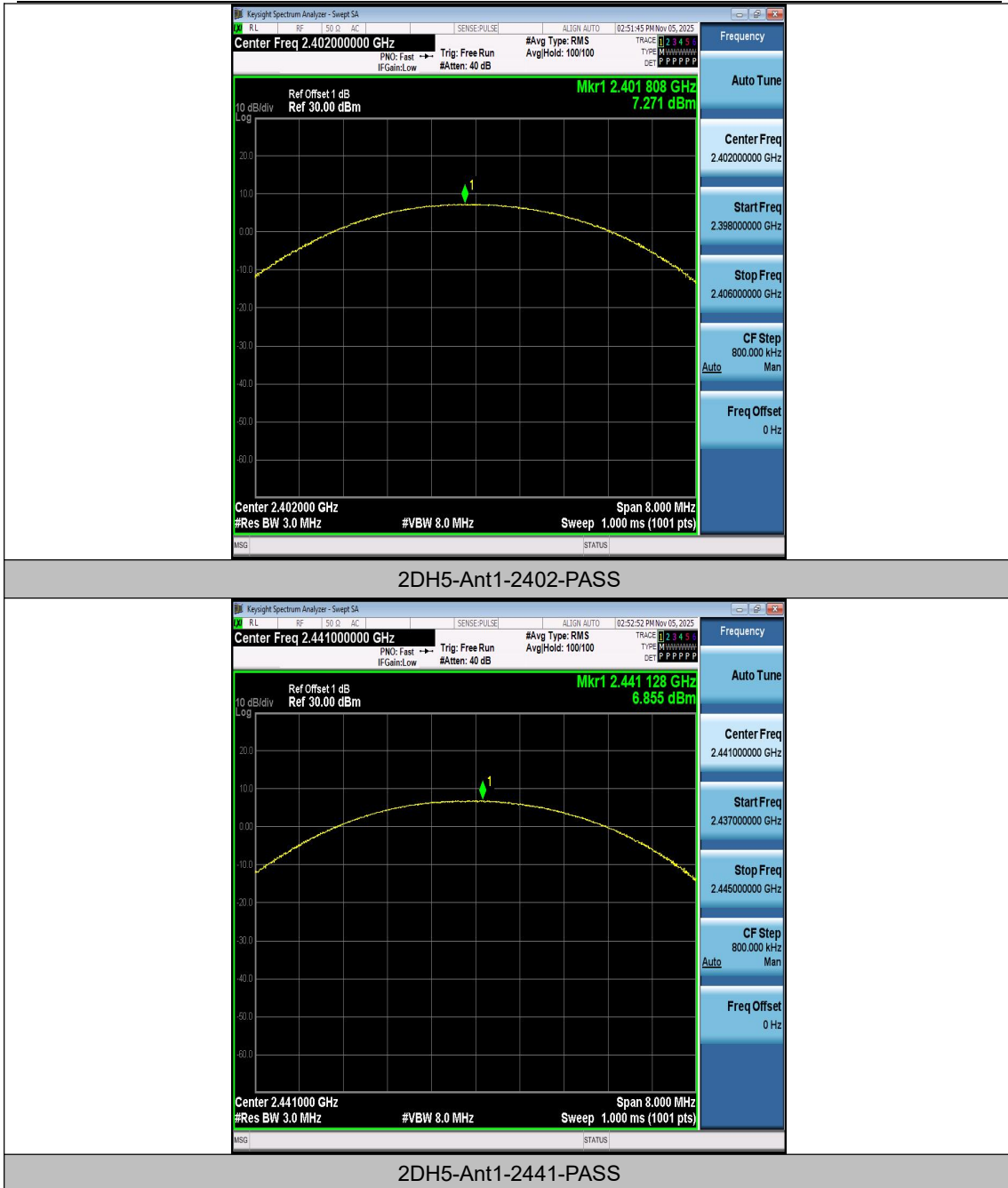




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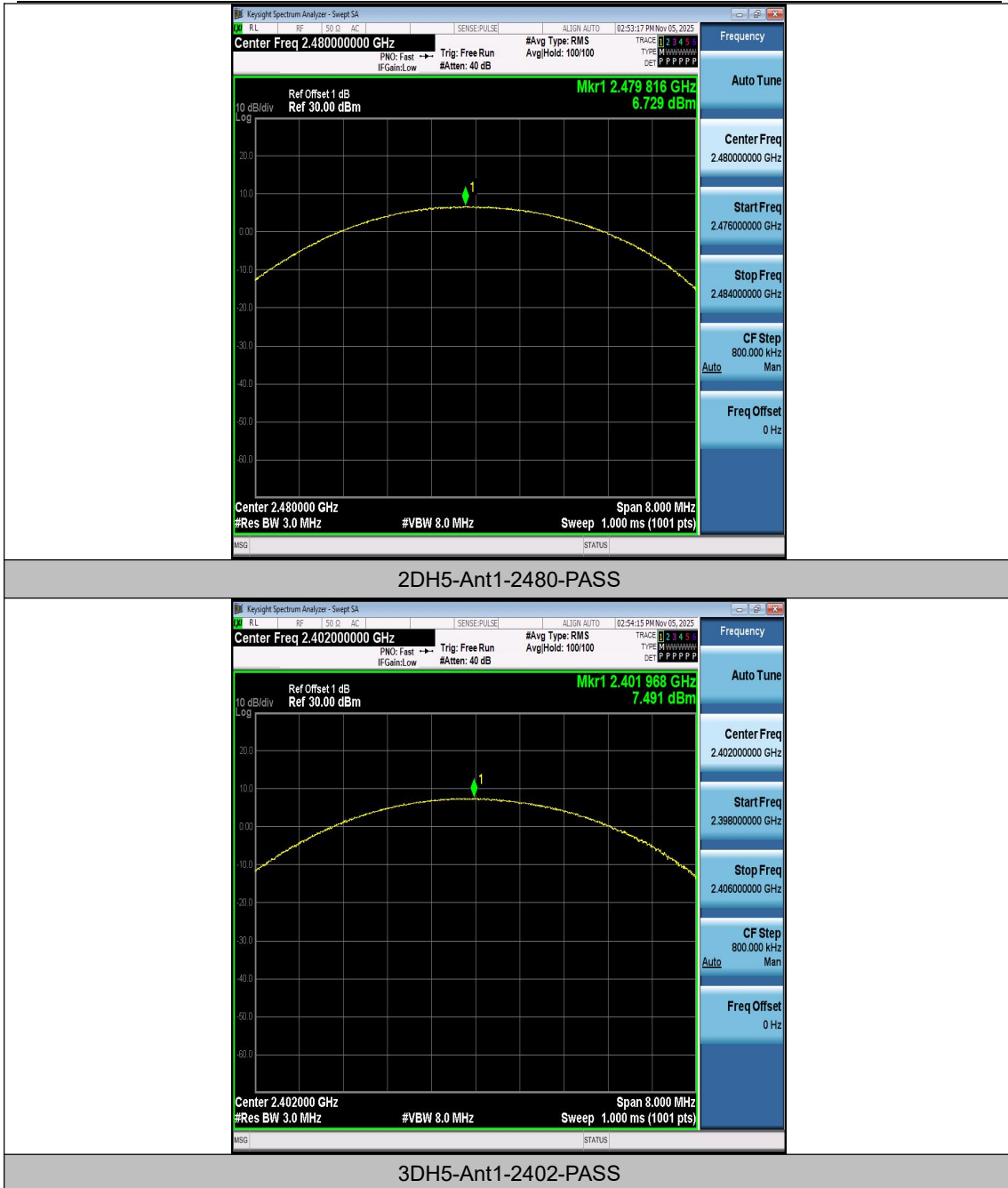
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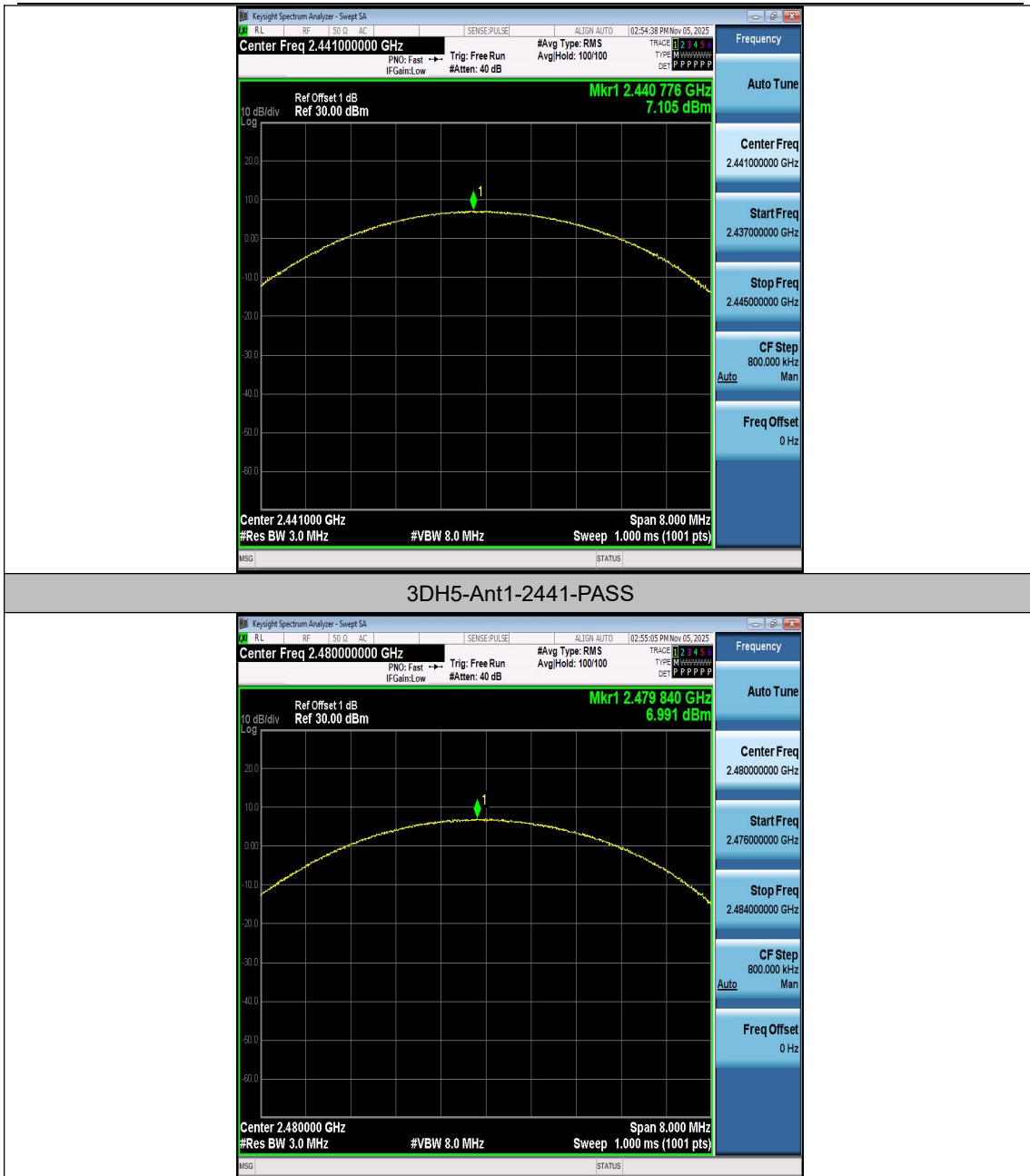
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## Appendix D: Carrier frequency separation

### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | Result<br>[MHz] | Limit[MHz] | Verdict |
|-----------|---------|--------------------|-----------------|------------|---------|
| DH5       | Ant1    | Hop                | 0.984           | ≥0.57      | PASS    |
| 2DH5      | Ant1    | Hop                | 1.006           | ≥0.86      | PASS    |
| 3DH5      | Ant1    | Hop                | 1.322           | ≥0.86      | PASS    |

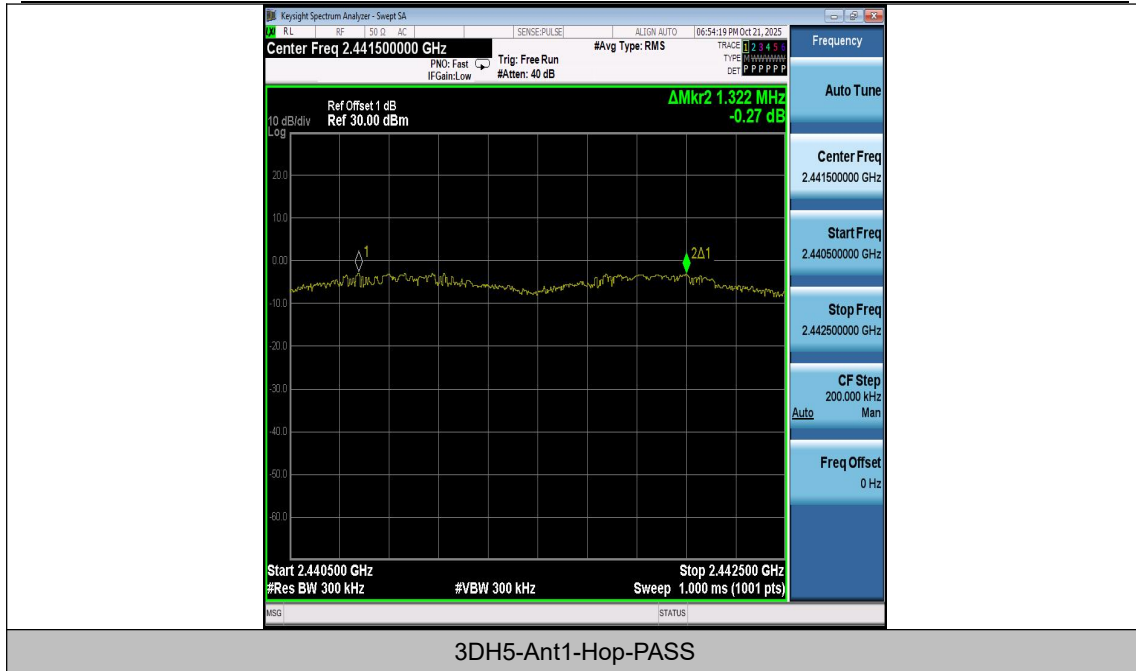
## Test Graphs



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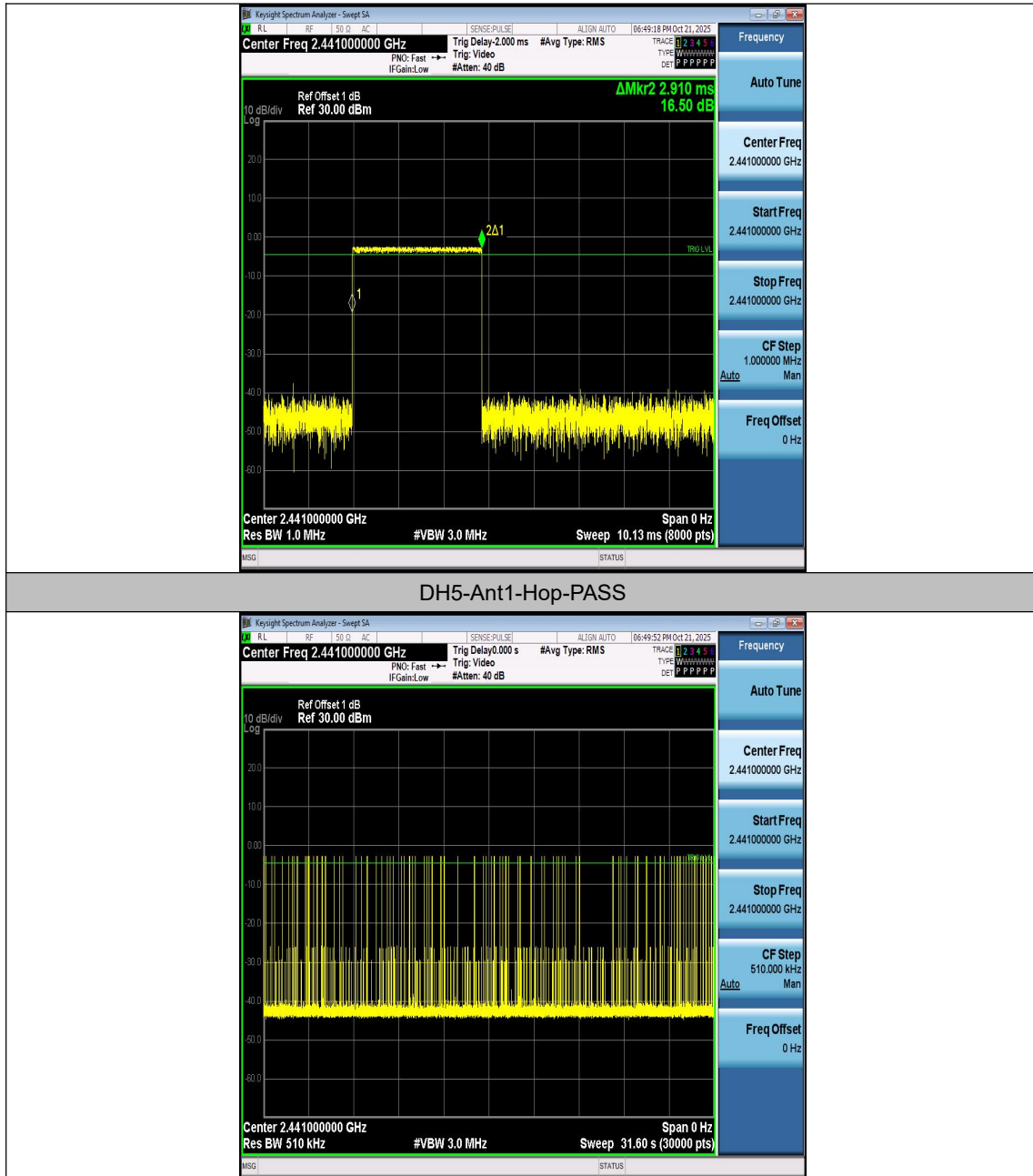
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## Appendix E: Dwell Time

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Burst Width [ms] | Total Hops [Num] | Result [s] | Limit [s] | Verdict |
|-----------|---------|-----------------|------------------|------------------|------------|-----------|---------|
| DH5       | Ant1    | Hop             | 2.910            | 103              | 0.3        | ≤0.4      | PASS    |
| 2DH5      | Ant1    | Hop             | 2.915            | 102              | 0.297      | ≤0.4      | PASS    |
| 3DH5      | Ant1    | Hop             | 2.917            | 100              | 0.292      | ≤0.4      | PASS    |

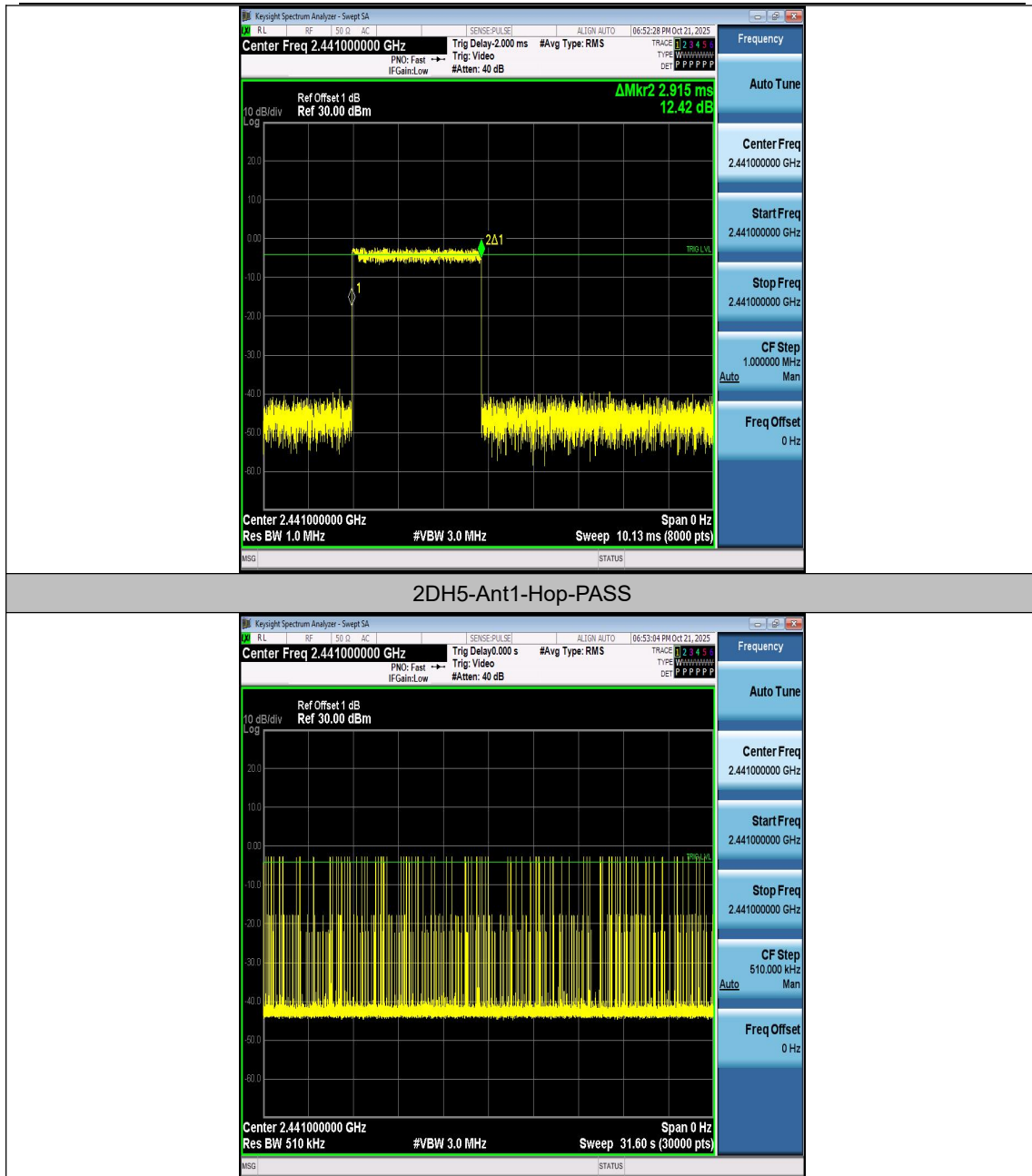
## Test Graphs



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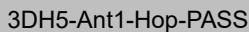
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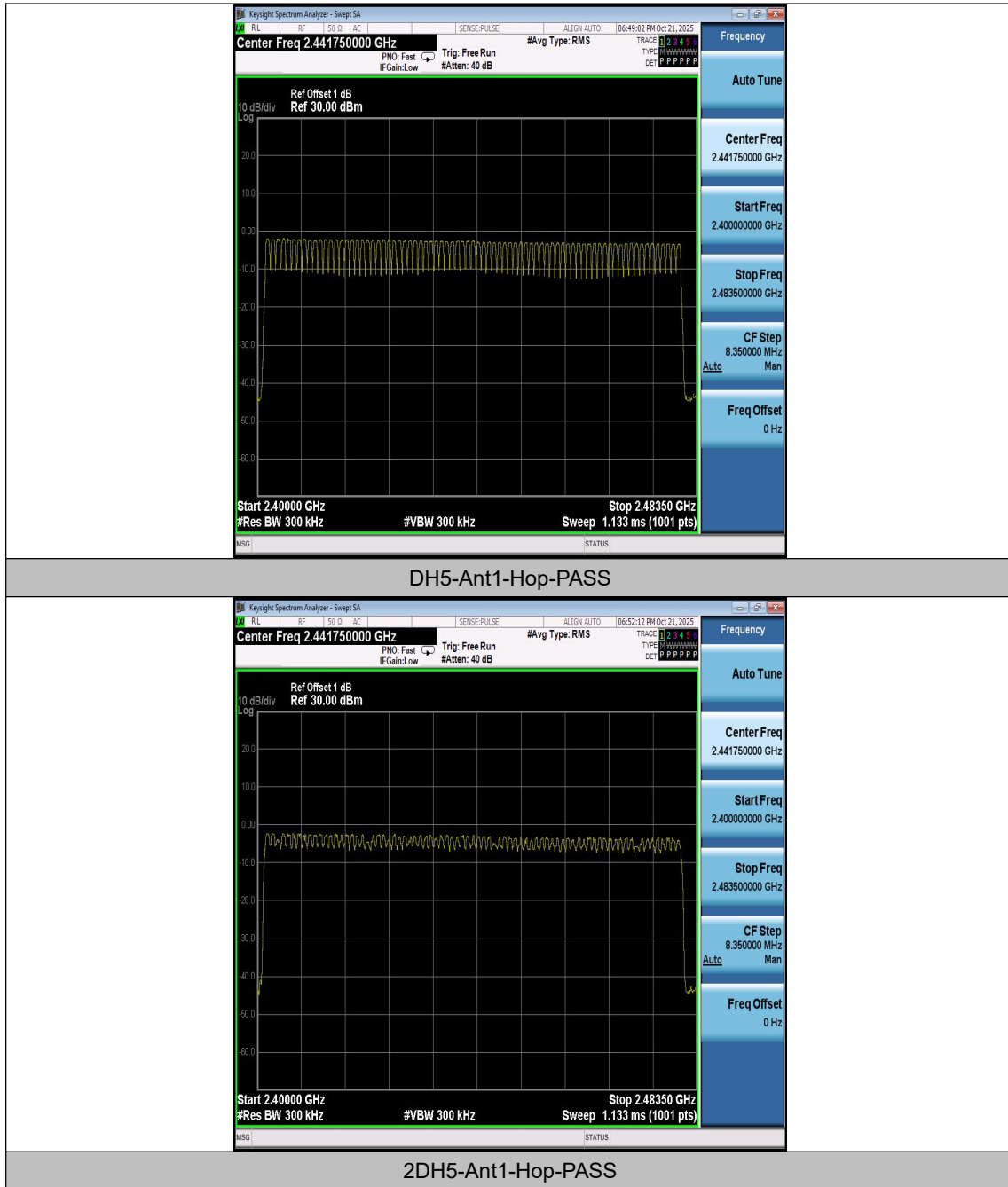
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## Appendix F: Number of Hopping Channel

### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | Result<br>[Num] | Limit<br>[Num] | Verdict |
|-----------|---------|--------------------|-----------------|----------------|---------|
| DH5       | Ant1    | Hop                | 79              | ≥15            | PASS    |
| 2DH5      | Ant1    | Hop                | 79              | ≥15            | PASS    |
| 3DH5      | Ant1    | Hop                | 79              | ≥15            | PASS    |

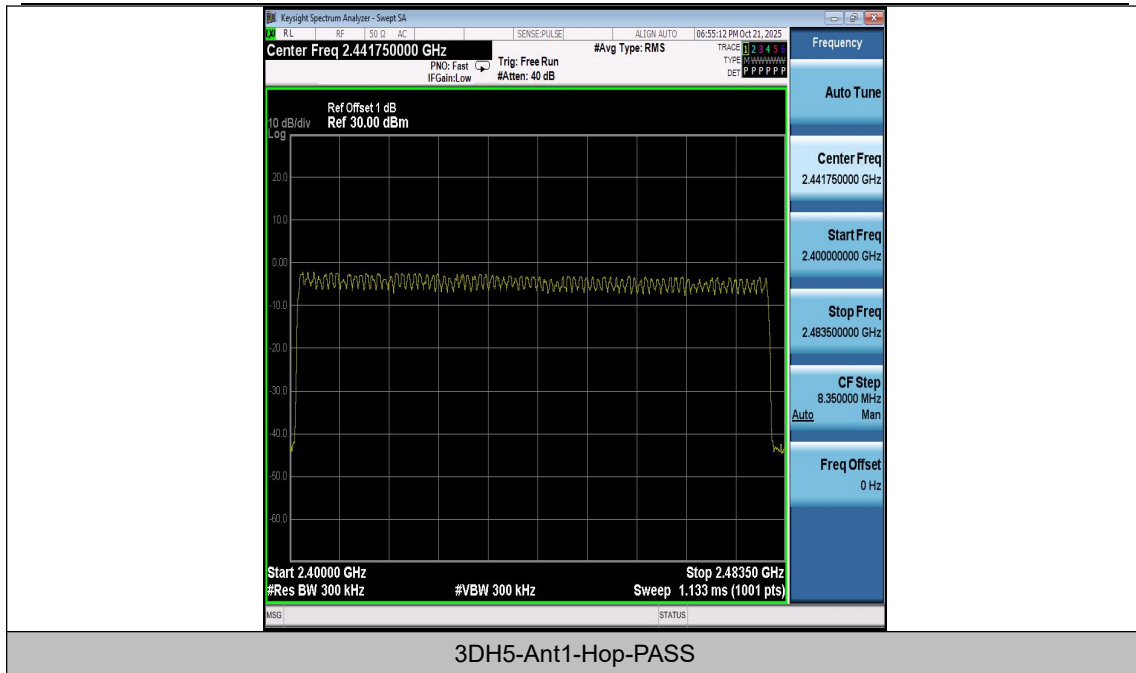
## Test Graphs



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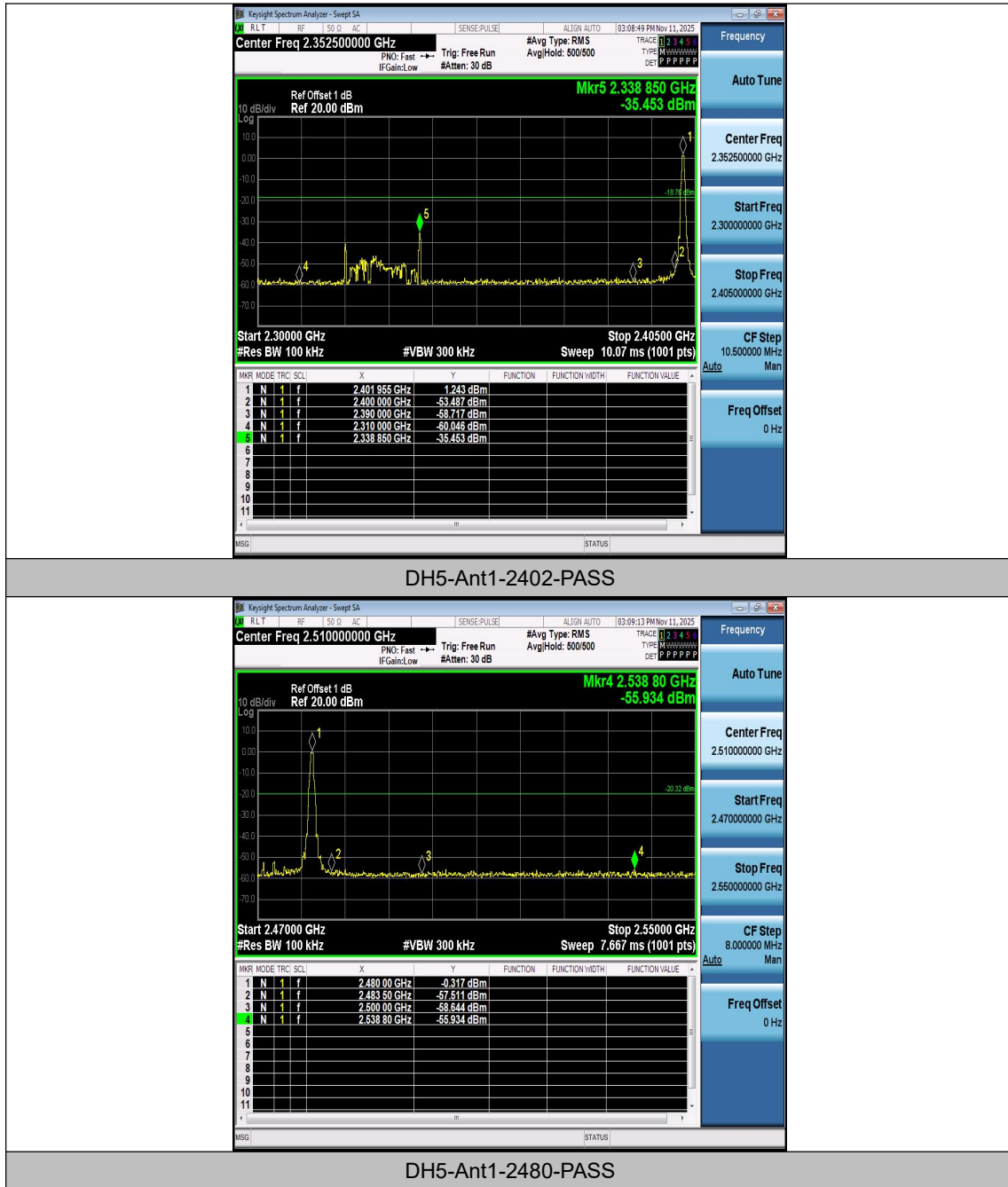
## Appendix G: Conducted Band edge

### Test Result

| Test Mode | Antenna | Ch. Name | Frequency [MHz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------|-----------------|------------------|--------------|-------------|---------|
| DH5       | Ant1    | Low      | 2402            | 1.24             | -35.45       | ≤-18.76     | PASS    |
| DH5       | Ant1    | High     | 2480            | -0.32            | -55.93       | ≤-20.32     | PASS    |
| DH5       | Ant1    | Low      | Hop_2402        | 1.12             | -56.05       | ≤-18.88     | PASS    |
| DH5       | Ant1    | High     | Hop_2480        | -0.26            | -36.51       | ≤-20.26     | PASS    |
| 2DH5      | Ant1    | Low      | 2402            | 1.11             | -46.25       | ≤-18.89     | PASS    |
| 2DH5      | Ant1    | High     | 2480            | -0.33            | -54.27       | ≤-20.33     | PASS    |
| 2DH5      | Ant1    | Low      | Hop_2402        | -2.29            | -43.82       | ≤-22.29     | PASS    |
| 2DH5      | Ant1    | High     | Hop_2480        | -1.71            | -55.35       | ≤-21.71     | PASS    |
| 3DH5      | Ant1    | Low      | 2402            | 1.31             | -42.72       | ≤-18.69     | PASS    |
| 3DH5      | Ant1    | High     | 2480            | -0.45            | -55.15       | ≤-20.45     | PASS    |
| 3DH5      | Ant1    | Low      | Hop_2402        | -0.36            | -47.98       | ≤-20.36     | PASS    |
| 3DH5      | Ant1    | High     | Hop_2480        | -3.81            | -48.62       | ≤-23.81     | PASS    |

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

## Test Graphs



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