

## Appendix Test Data

|                  |                  |                    |                    |
|------------------|------------------|--------------------|--------------------|
| Report No.:      | 1819C500294125   | Test Sample No.:   | 1-2-2              |
| Start Test Date: | 2025.04.07       | Finish Test Date:  | 2025.04.24         |
| Test Engineer:   | <i>Alex Peng</i> | Auditor:           | <i>Justin Feng</i> |
| Temperature:     | 22.4°C           | Relative Humidity: | 43%                |
| Pressure:        | 101kPa           |                    |                    |

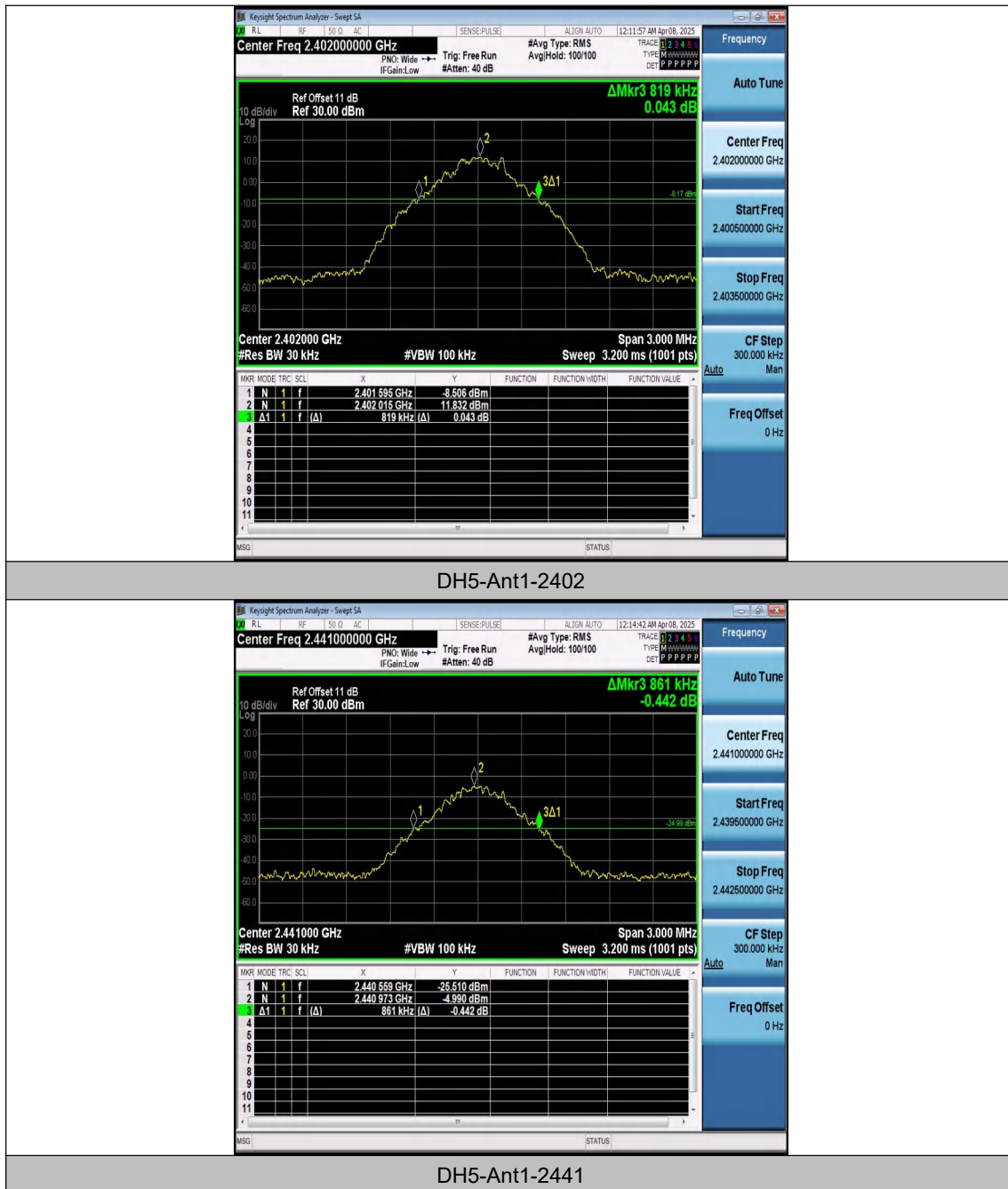
## Appendix A: 20dB Bandwidth

### Test Result

| Test Mode | Antenna | Frequency [MHz] | 20db EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|-----------------|---------------|----------|----------|------------|---------|
| DH5       | Ant1    | 2402            | 0.819         | 2401.595 | 2402.414 | ---        | ---     |
| DH5       | Ant1    | 2441            | 0.861         | 2440.559 | 2441.420 | ---        | ---     |
| DH5       | Ant1    | 2480            | 0.849         | 2479.568 | 2480.417 | ---        | ---     |
| 2DH5      | Ant1    | 2402            | 1.284         | 2401.364 | 2402.648 | ---        | ---     |
| 2DH5      | Ant1    | 2441            | 1.248         | 2440.379 | 2441.627 | ---        | ---     |
| 2DH5      | Ant1    | 2480            | 1.296         | 2479.358 | 2480.654 | ---        | ---     |
| 3DH5      | Ant1    | 2402            | 1.269         | 2401.358 | 2402.627 | ---        | ---     |
| 3DH5      | Ant1    | 2441            | 1.284         | 2440.355 | 2441.639 | ---        | ---     |
| 3DH5      | Ant1    | 2480            | 1.296         | 2479.352 | 2480.648 | ---        | ---     |



## Test Graphs

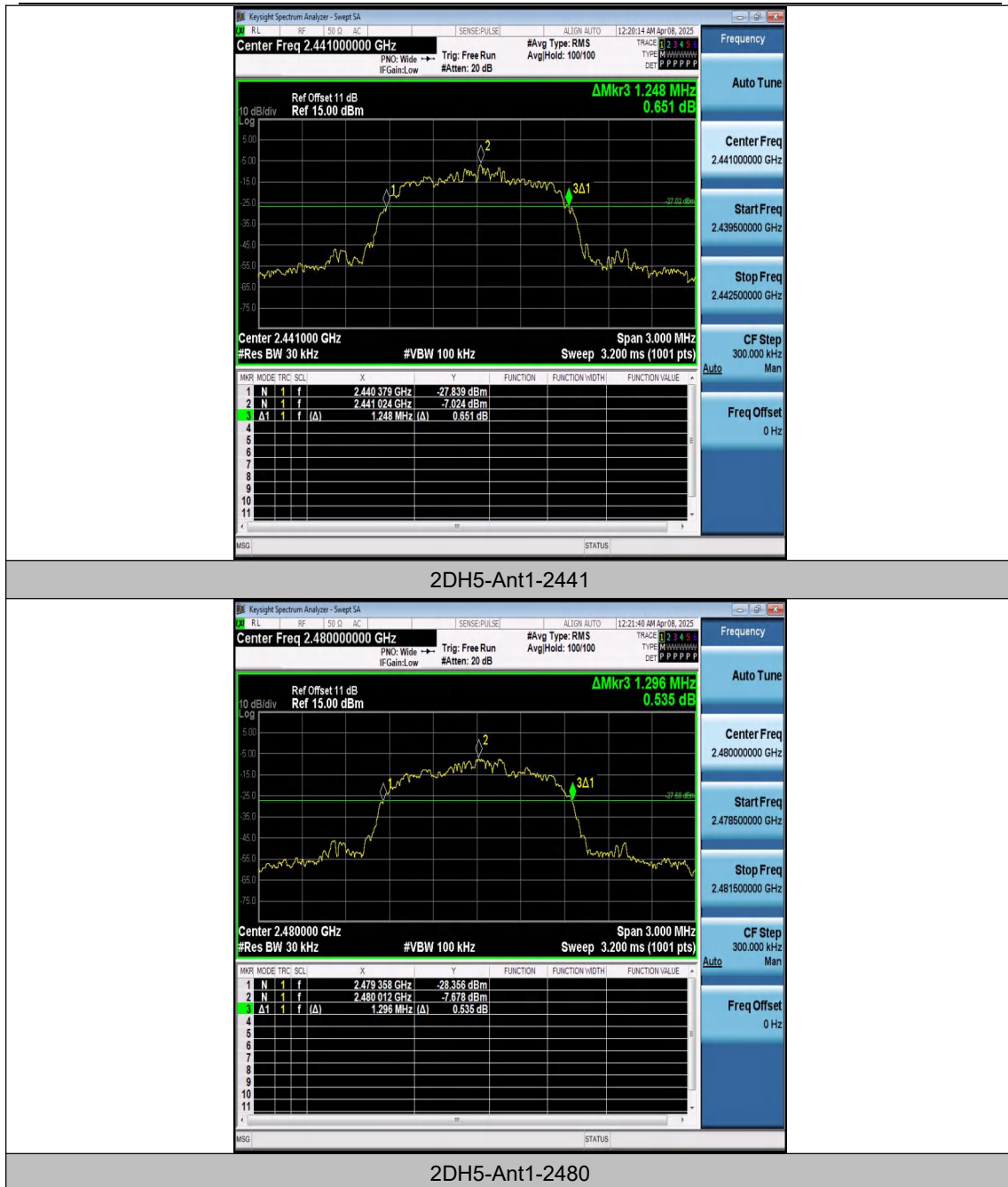




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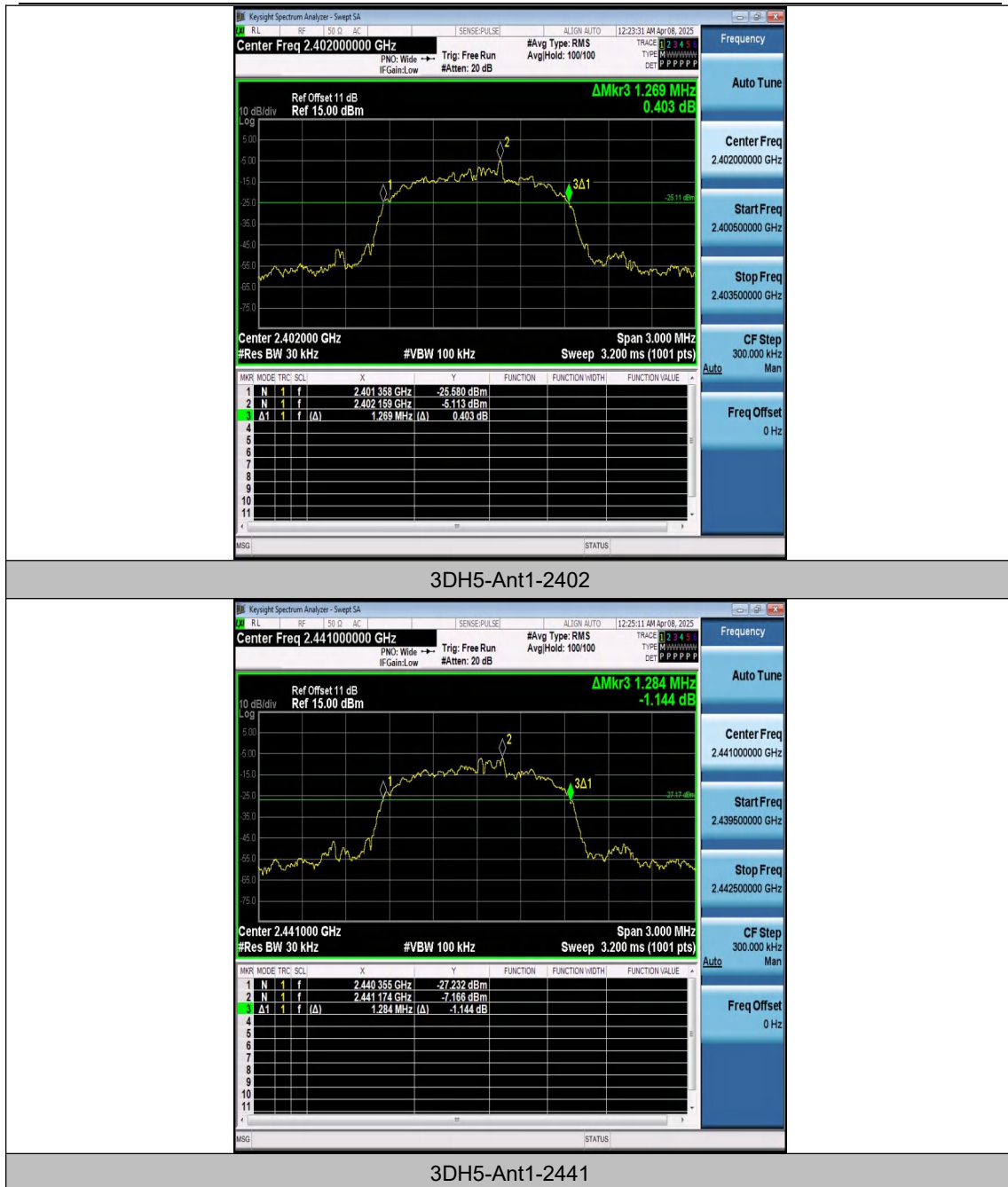
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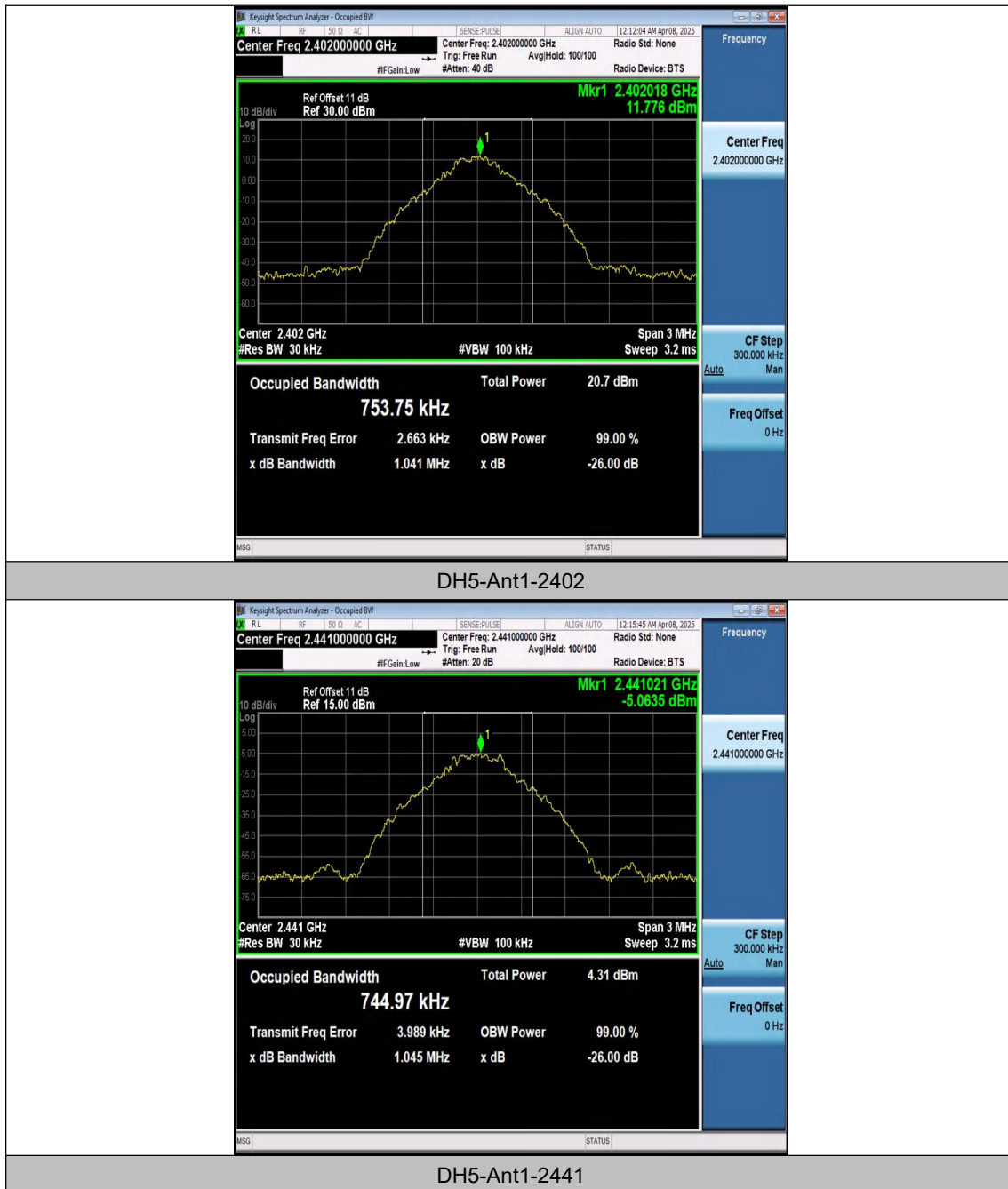
## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Frequency [MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|-----------------|-----------|-----------|-----------|------------|---------|
| DH5       | Ant1    | 2402            | 0.75375   | 2401.6258 | 2402.3795 | ---        | ---     |
| DH5       | Ant1    | 2441            | 0.74497   | 2440.6315 | 2441.3765 | ---        | ---     |
| DH5       | Ant1    | 2480            | 0.76580   | 2479.6206 | 2480.3864 | ---        | ---     |
| 2DH5      | Ant1    | 2402            | 1.1631    | 2401.4164 | 2402.5795 | ---        | ---     |
| 2DH5      | Ant1    | 2441            | 1.1616    | 2440.4168 | 2441.5784 | ---        | ---     |
| 2DH5      | Ant1    | 2480            | 1.1590    | 2479.4157 | 2480.5747 | ---        | ---     |
| 3DH5      | Ant1    | 2402            | 1.1727    | 2401.4141 | 2402.5868 | ---        | ---     |
| 3DH5      | Ant1    | 2441            | 1.1638    | 2440.4191 | 2441.5829 | ---        | ---     |
| 3DH5      | Ant1    | 2480            | 1.1635    | 2479.4230 | 2480.5865 | ---        | ---     |



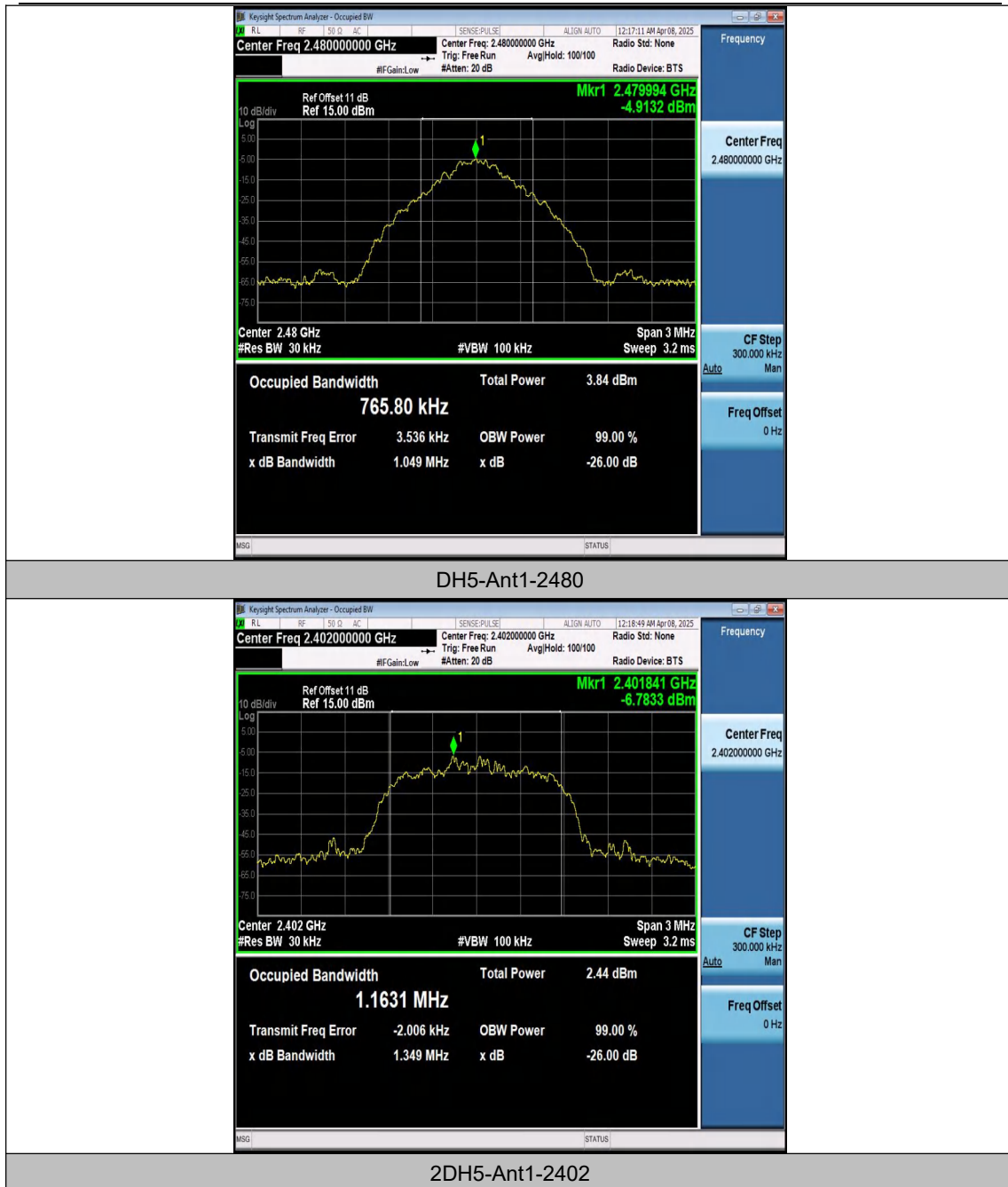
## Test Graphs



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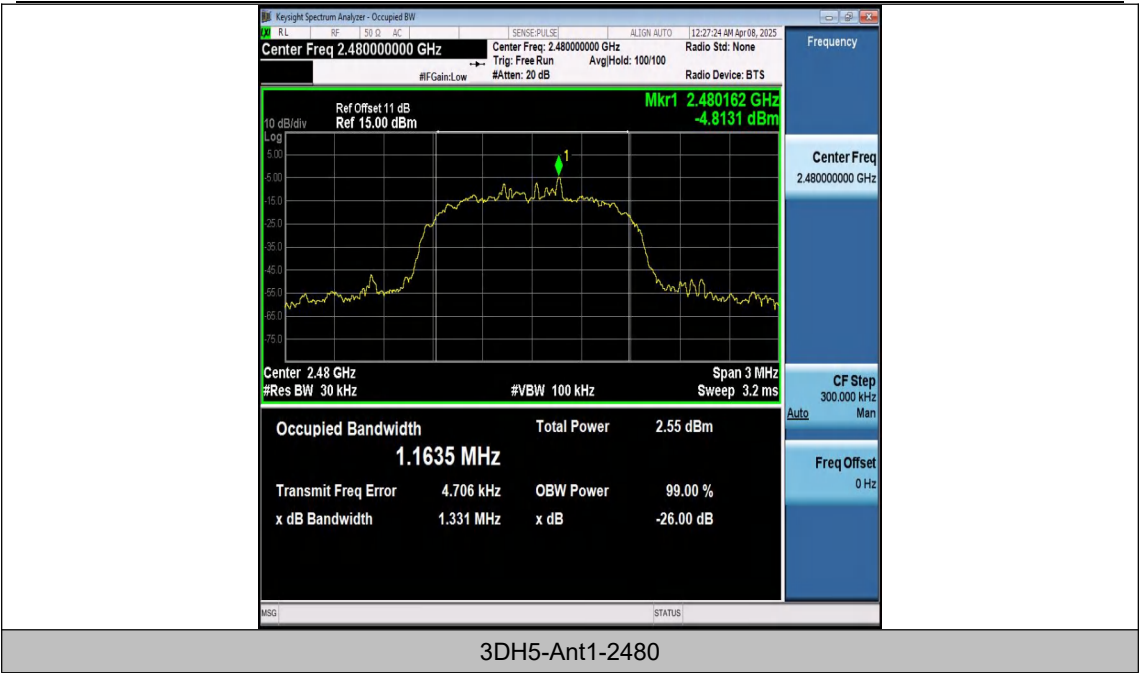
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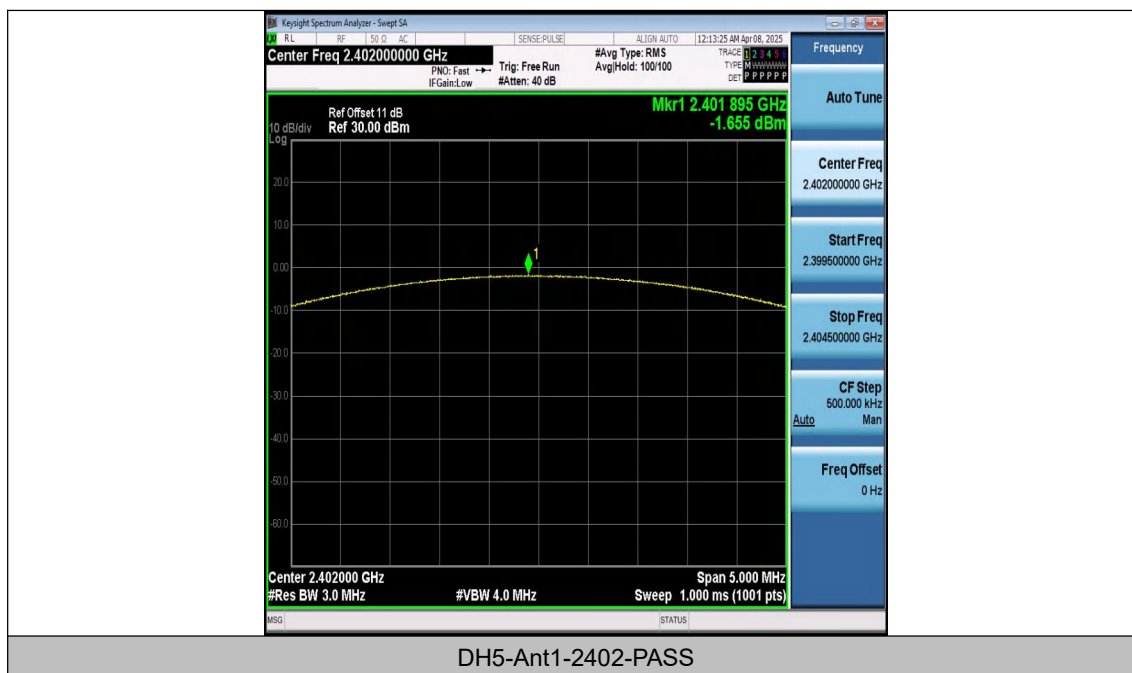
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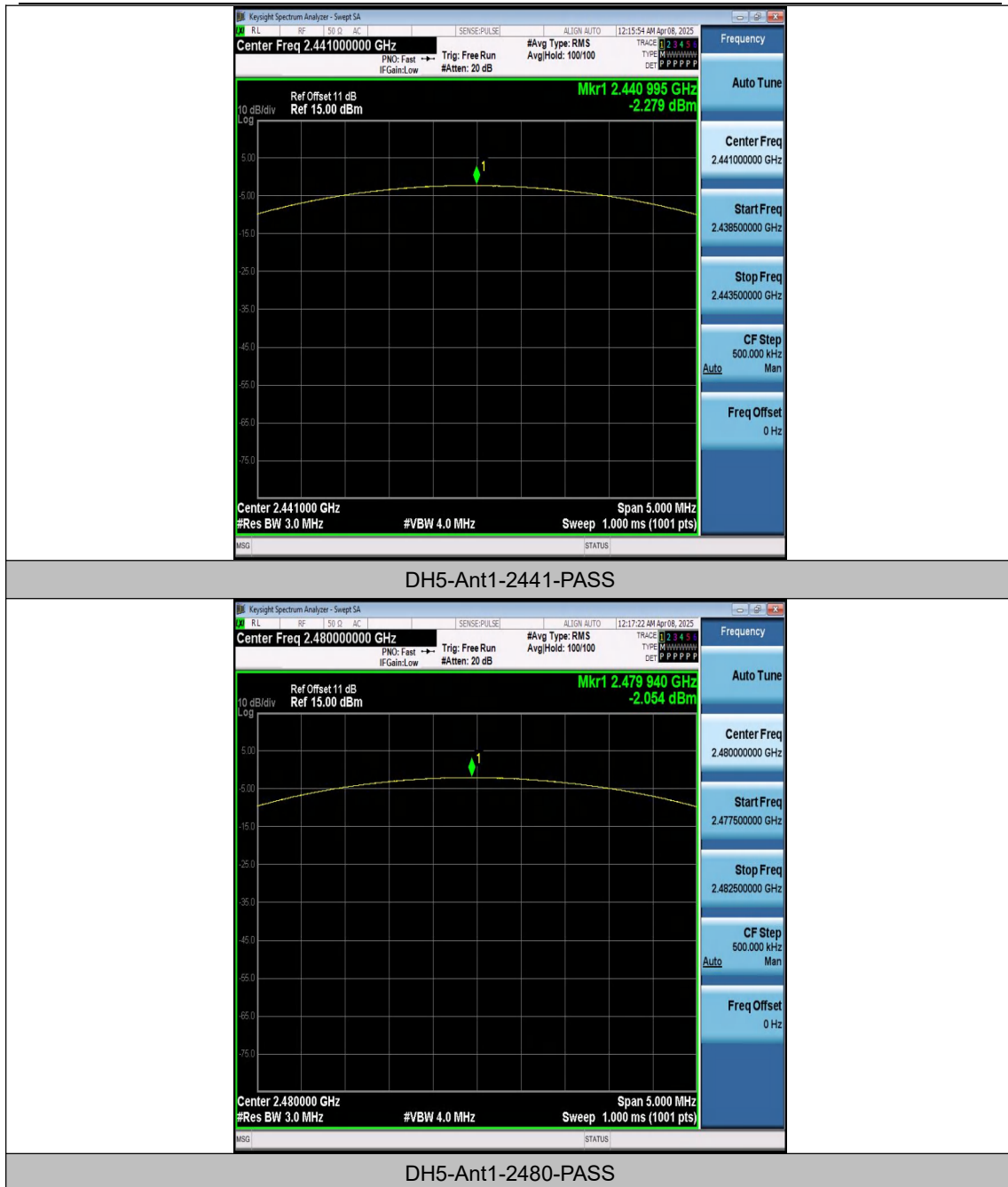
## Appendix C: Maximum Conducted Output Power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| DH5       | Ant1    | 2402           | -1.66                     | ≤20.97               | PASS    |
| DH5       | Ant1    | 2441           | -2.28                     | ≤20.97               | PASS    |
| DH5       | Ant1    | 2480           | -2.05                     | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2402           | -2.15                     | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2441           | -2.23                     | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2480           | -1.98                     | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2402           | -2.41                     | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2441           | -2.51                     | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2480           | -2.20                     | ≤20.97               | PASS    |

### Test Graphs

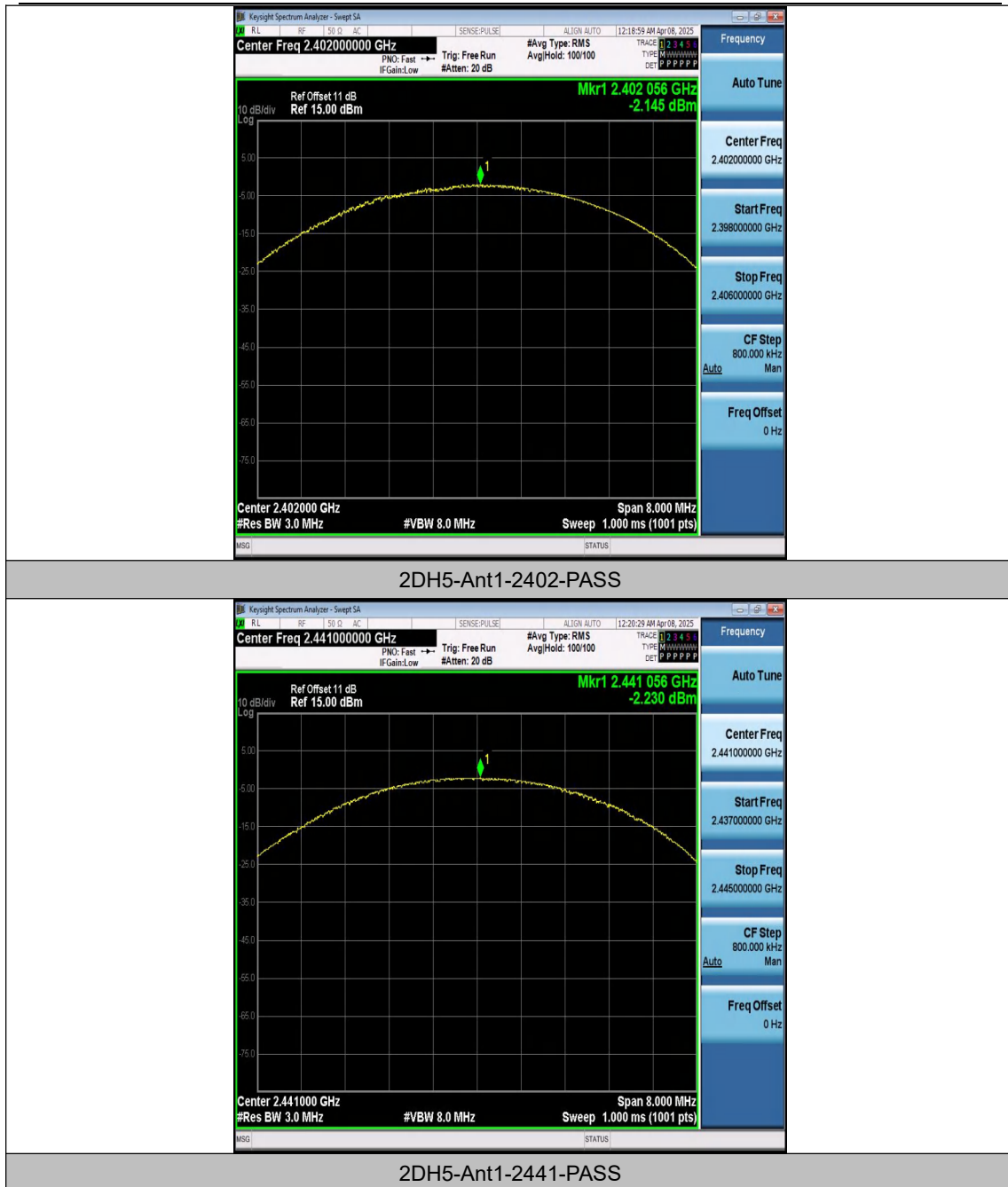




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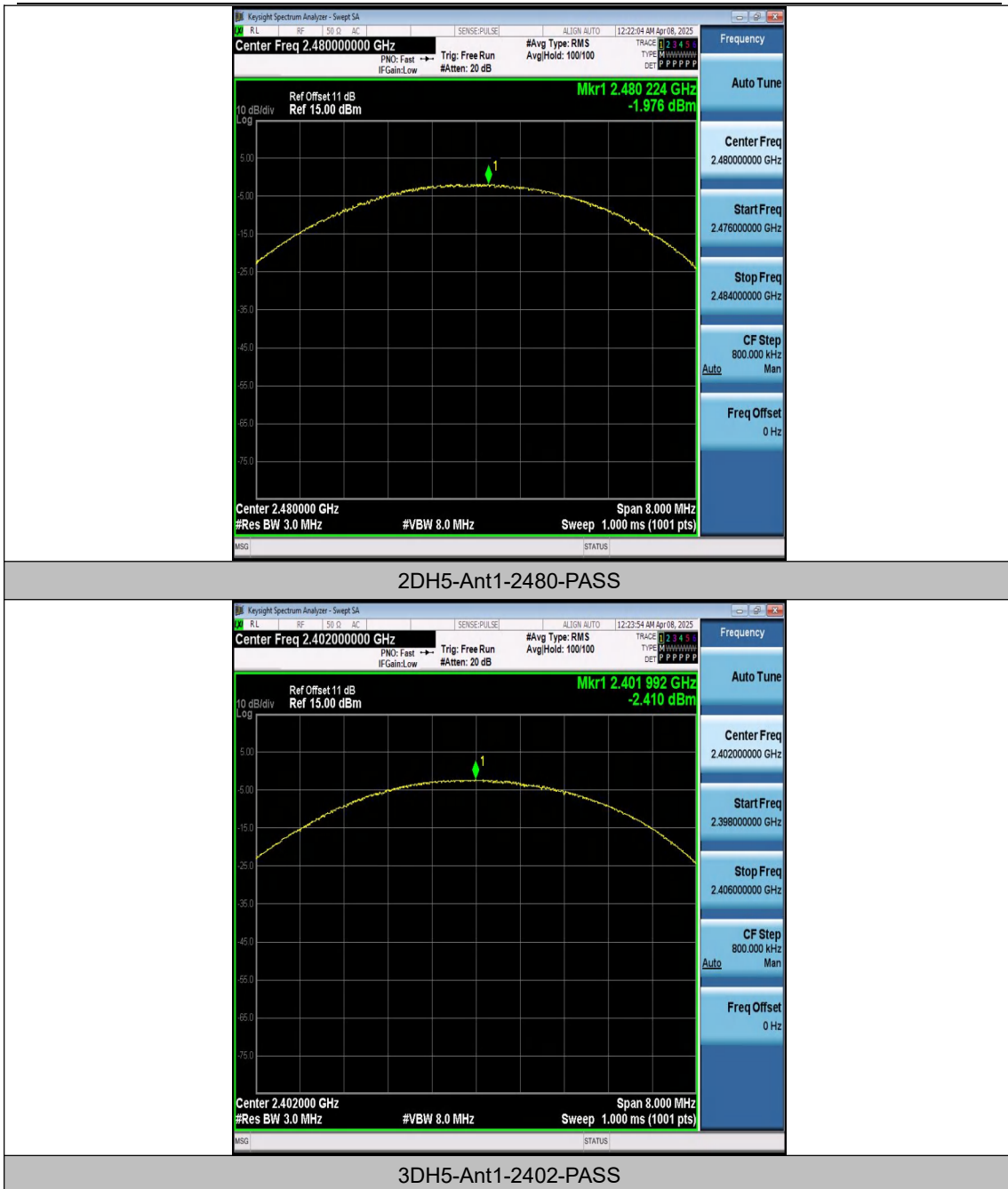
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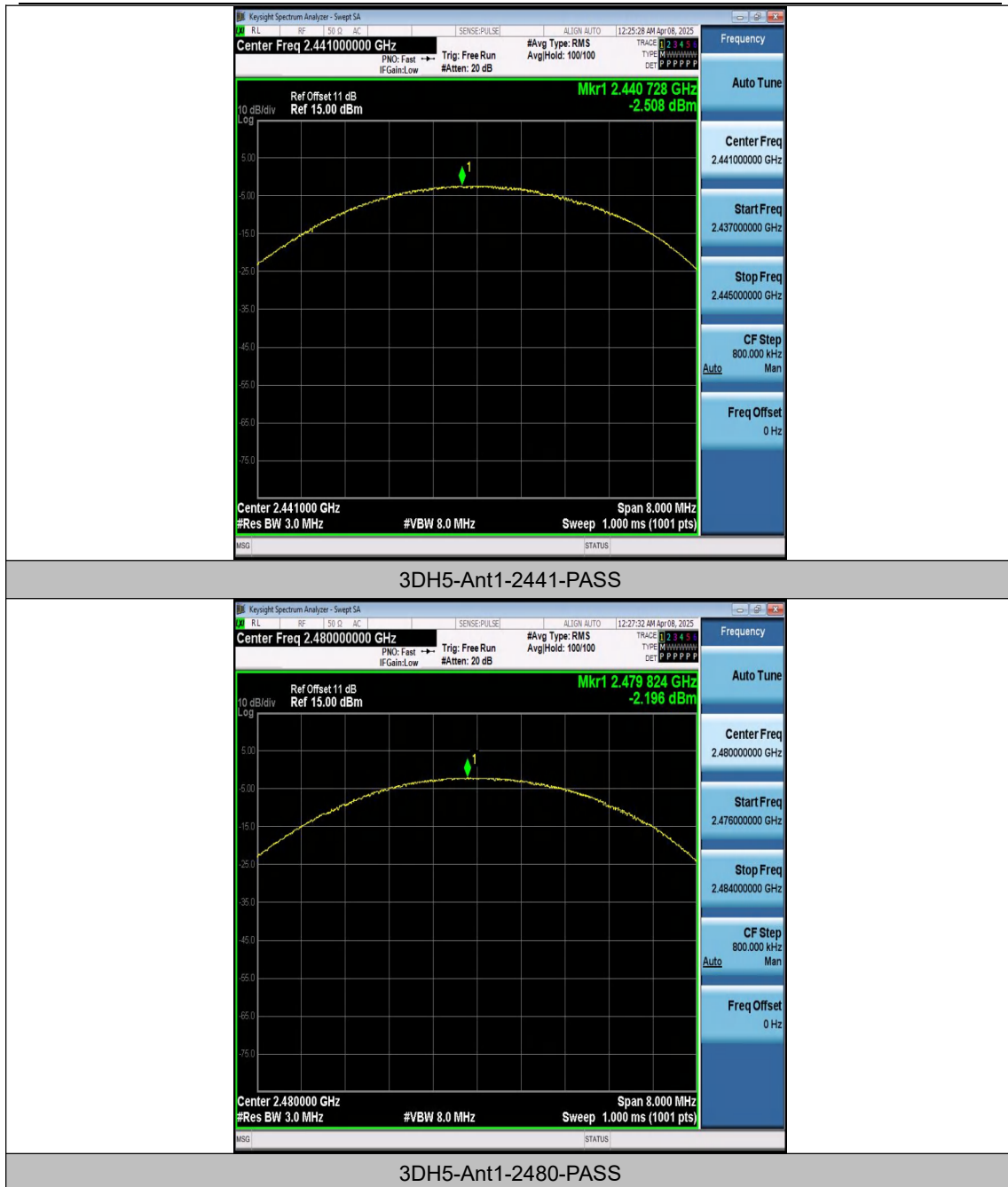
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## Appendix D: Carrier frequency separation

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Result [MHz] | Limit[MHz] | Verdict |
|-----------|---------|-----------------|--------------|------------|---------|
| DH5       | Ant1    | Hop             | 0.992        | ≥0.861     | PASS    |
| 2DH5      | Ant1    | Hop             | 0.996        | ≥0.864     | PASS    |
| 3DH5      | Ant1    | Hop             | 1            | ≥0.864     | PASS    |



## Test Graphs



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## Appendix E: Dwell Time

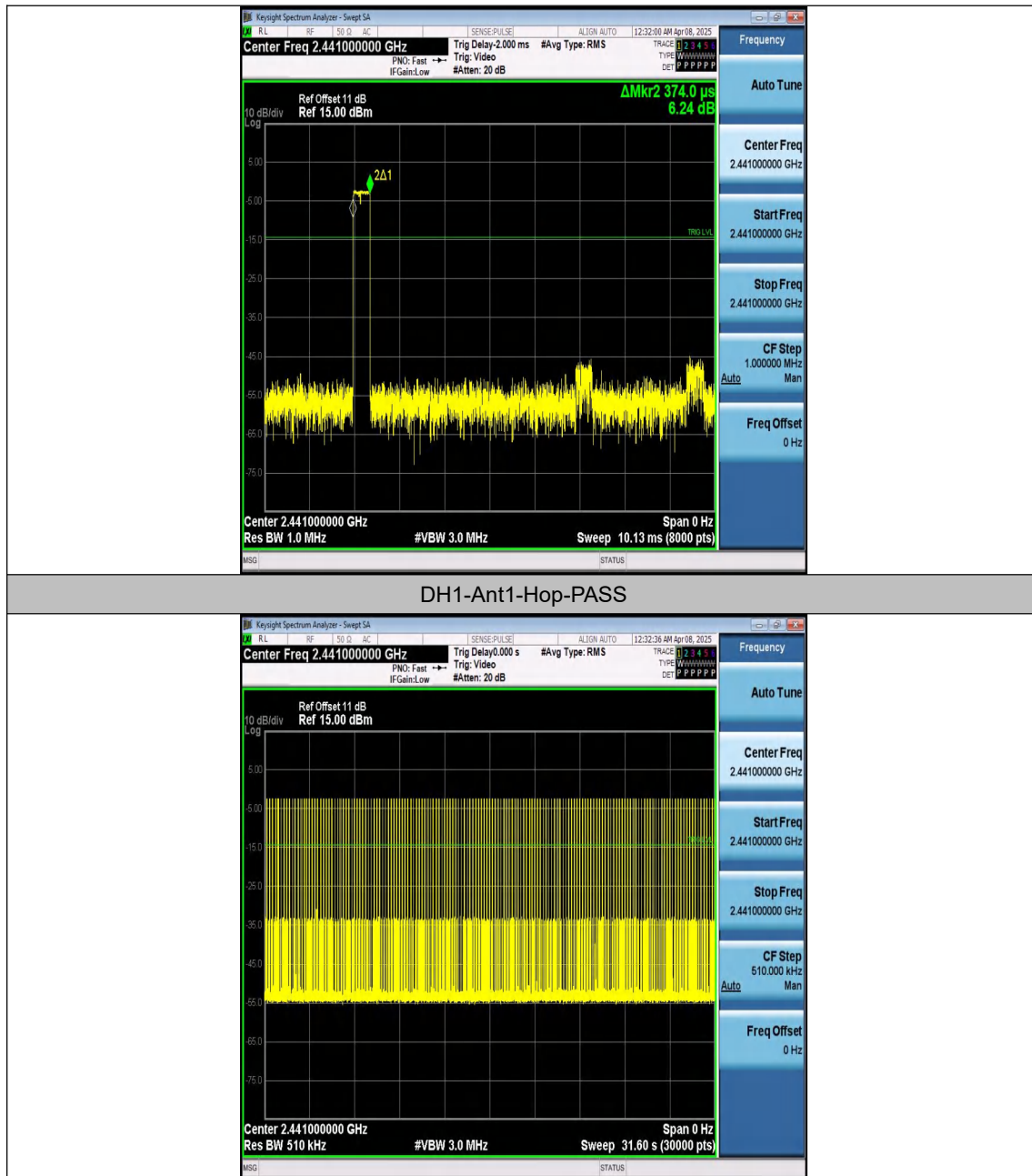
### Test Result

| Test Mode | Antenna | Frequency [MHz] | Burst Width [ms] | Total Hops [Num] | Result [s] | Limit [s] | Verdict |
|-----------|---------|-----------------|------------------|------------------|------------|-----------|---------|
| DH1       | Ant1    | Hop             | 0.374            | 312              | 0.117      | ≤0.4      | PASS    |
| DH3       | Ant1    | Hop             | 1.630            | 160              | 0.261      | ≤0.4      | PASS    |
| DH5       | Ant1    | Hop             | 2.878            | 97               | 0.279      | ≤0.4      | PASS    |
| 2DH1      | Ant1    | Hop             | 0.381            | 314              | 0.12       | ≤0.4      | PASS    |
| 2DH3      | Ant1    | Hop             | 1.634            | 158              | 0.258      | ≤0.4      | PASS    |
| 2DH5      | Ant1    | Hop             | 2.882            | 109              | 0.314      | ≤0.4      | PASS    |
| 3DH1      | Ant1    | Hop             | 0.381            | 317              | 0.121      | ≤0.4      | PASS    |
| 3DH3      | Ant1    | Hop             | 1.633            | 158              | 0.258      | ≤0.4      | PASS    |
| 3DH5      | Ant1    | Hop             | 2.884            | 110              | 0.317      | ≤0.4      | PASS    |

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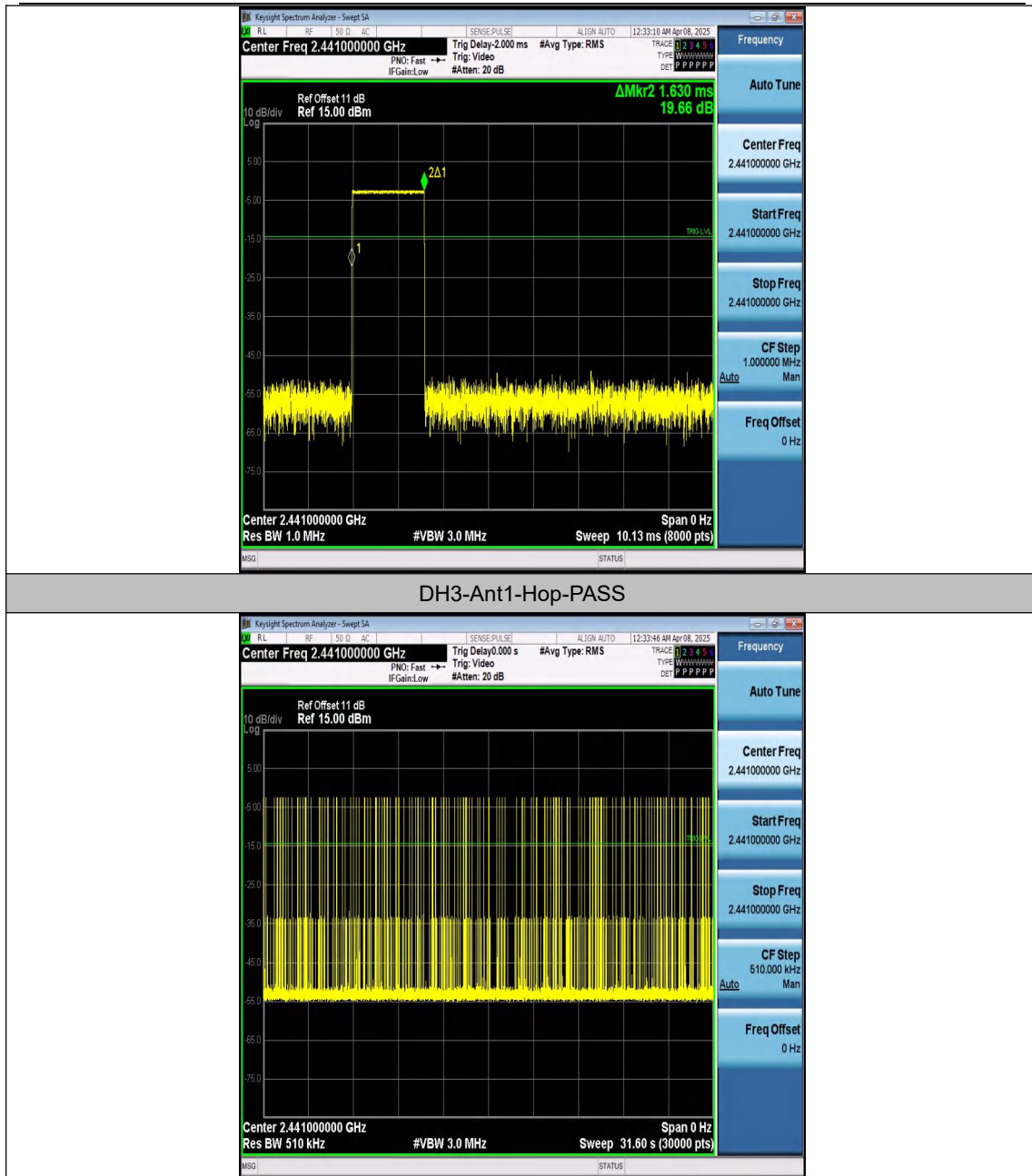
## Test Graphs



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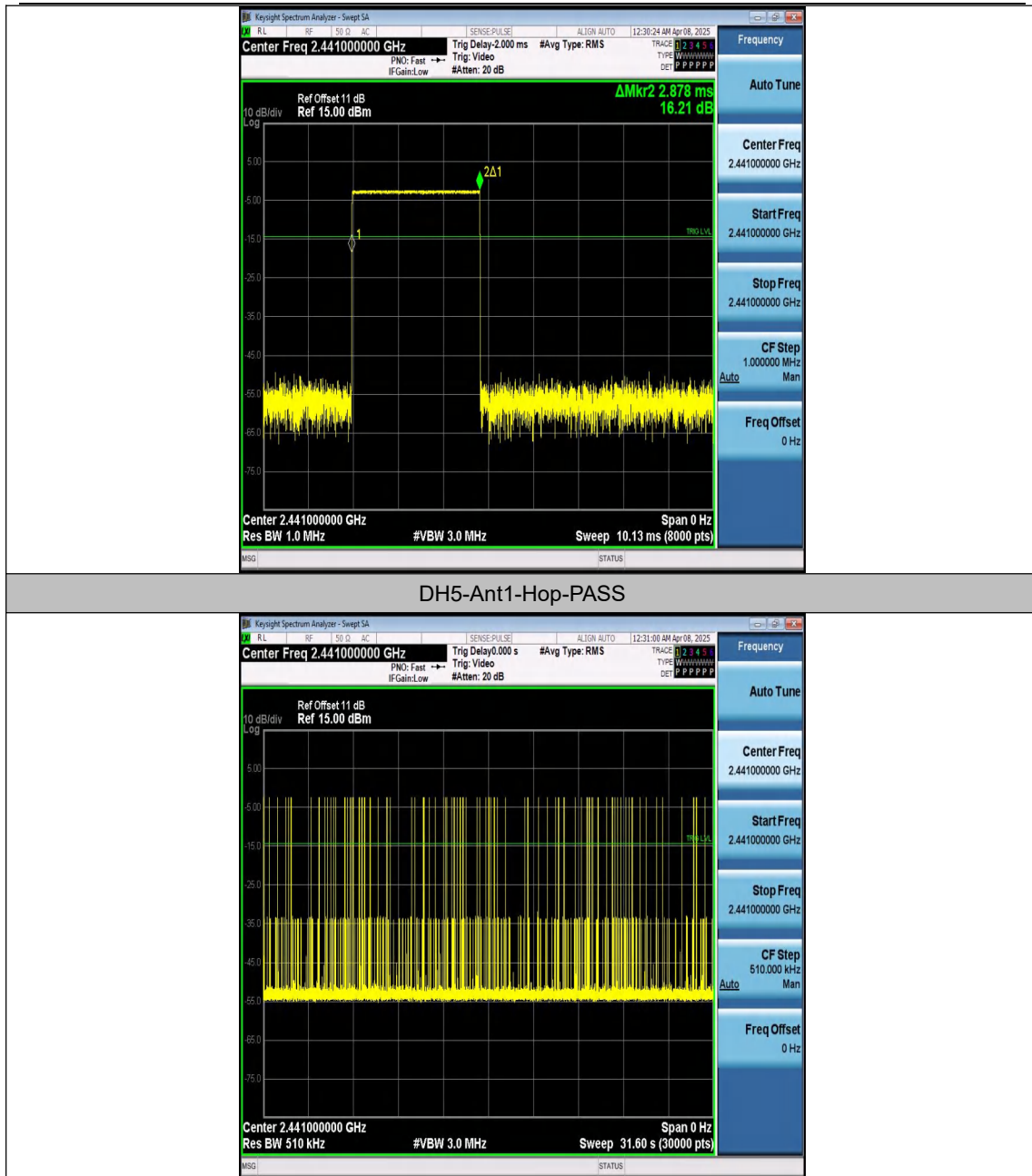
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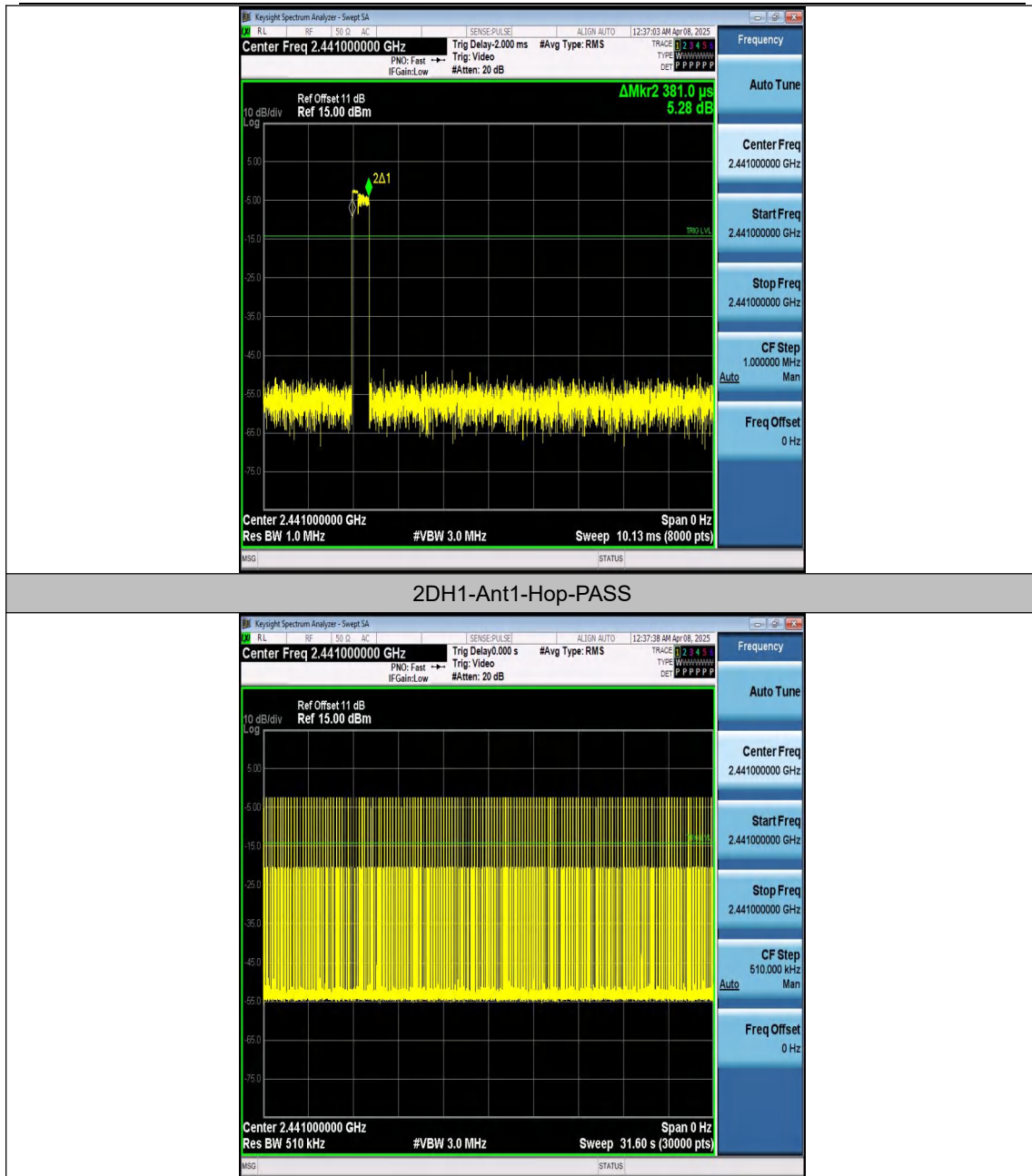


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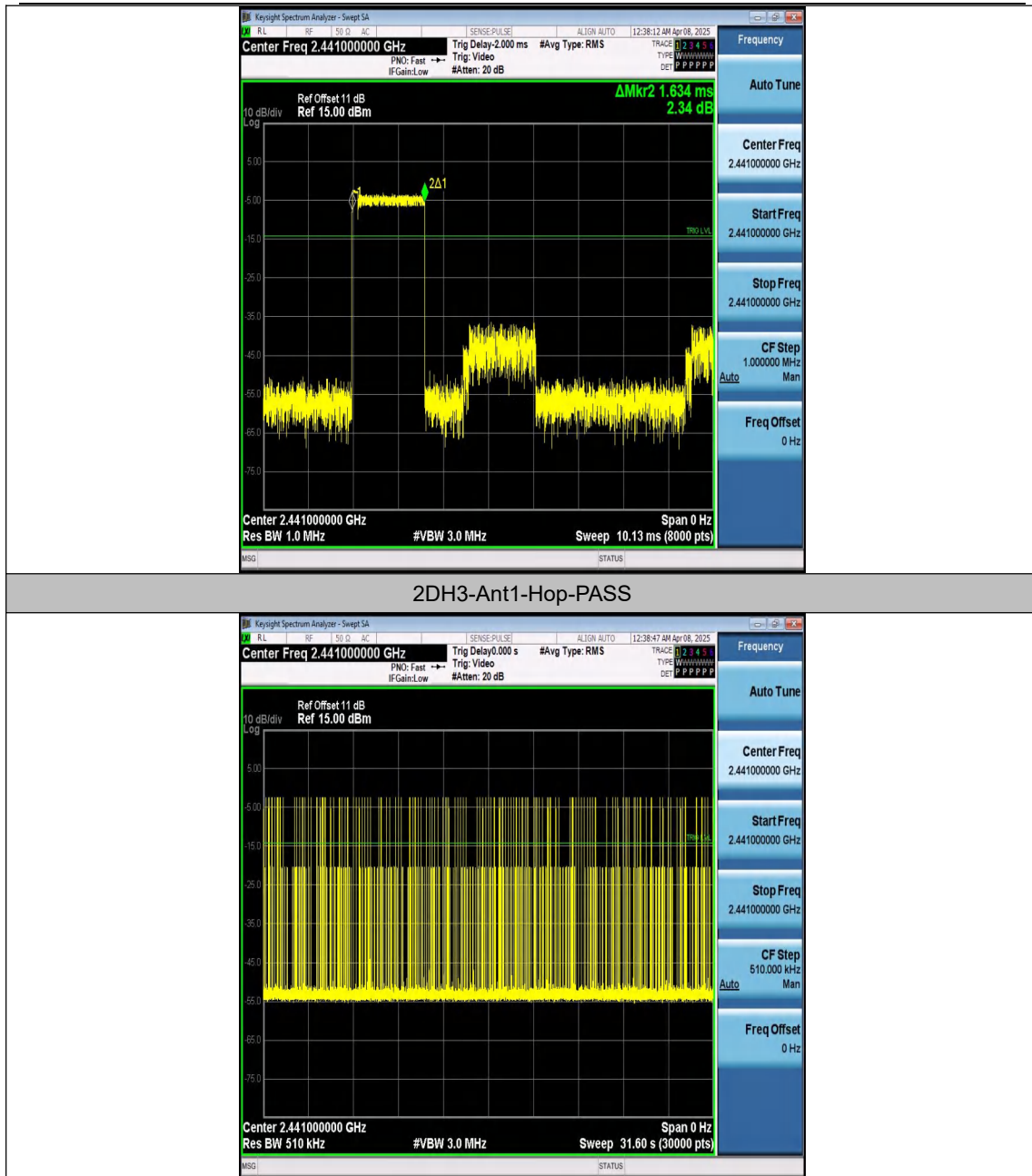
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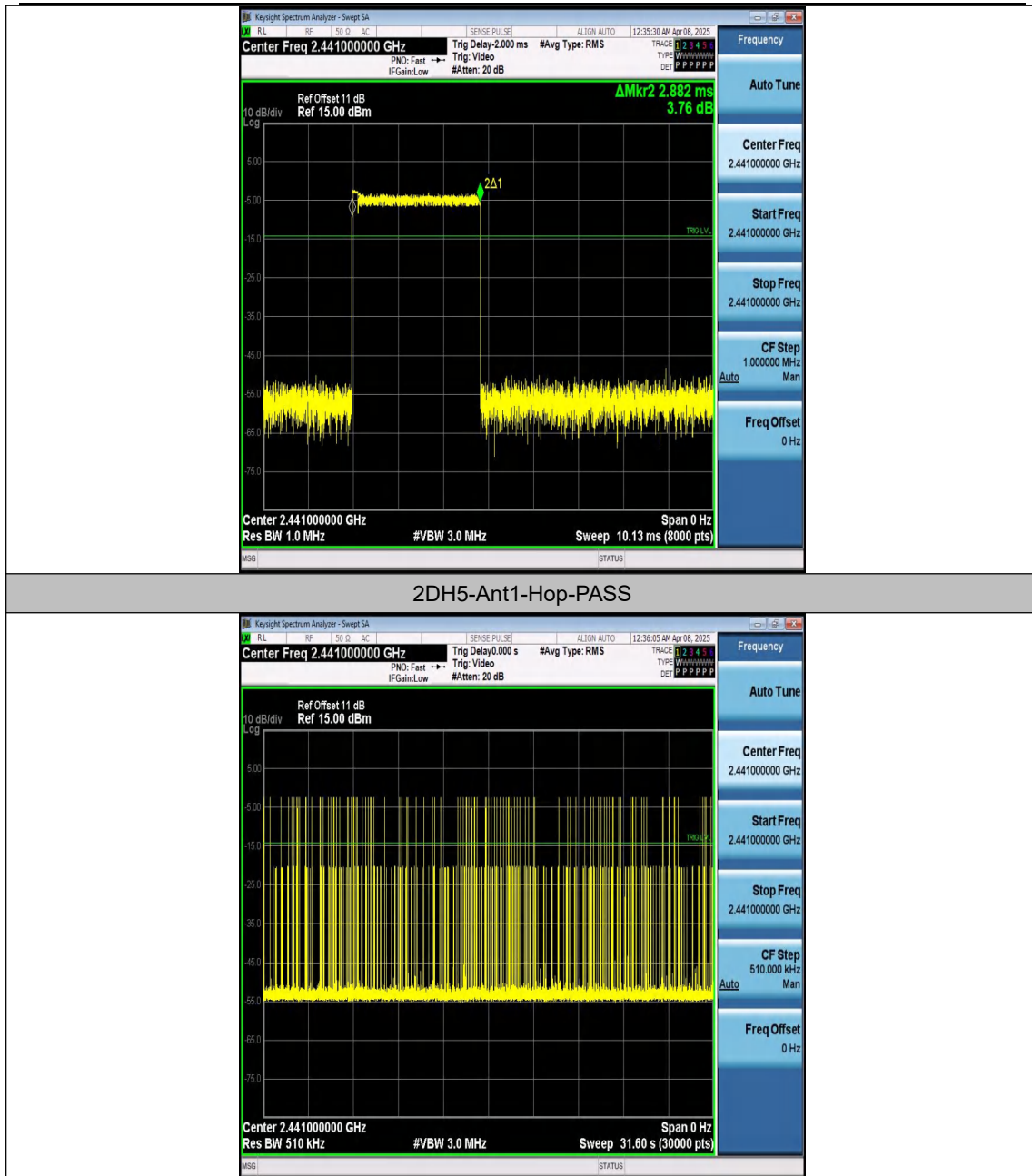


2DH3-Ant1-Hop-PASS

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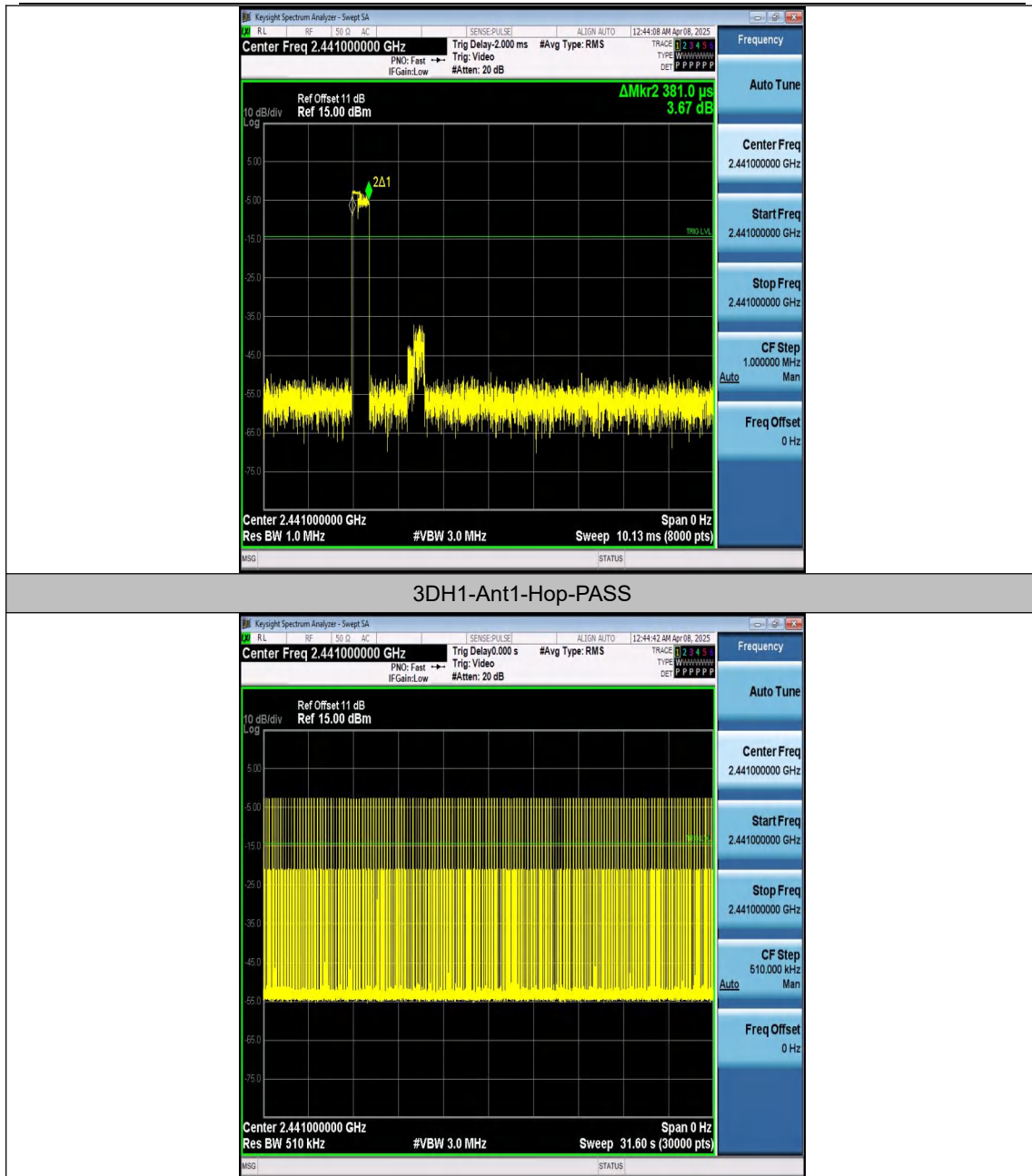
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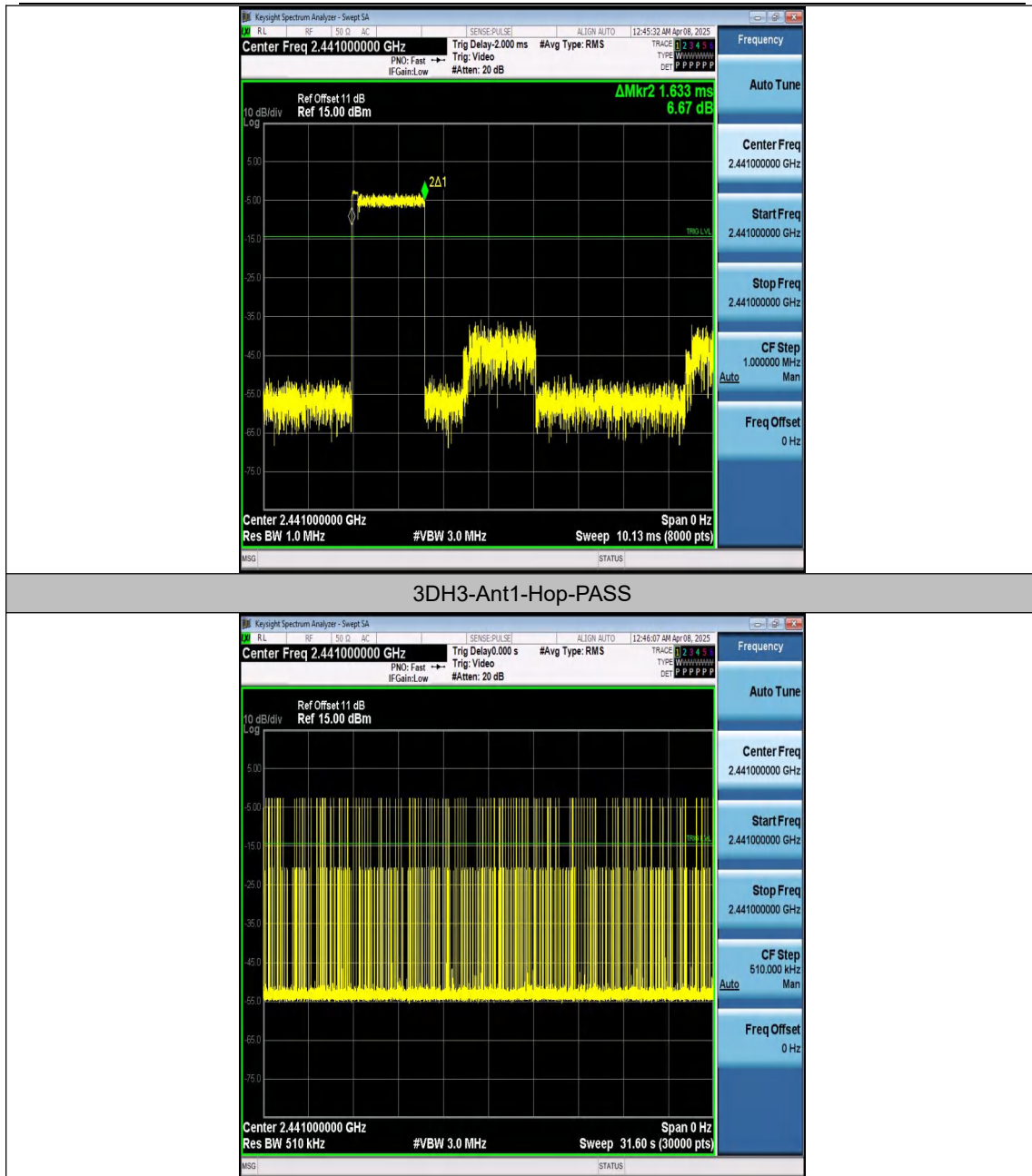
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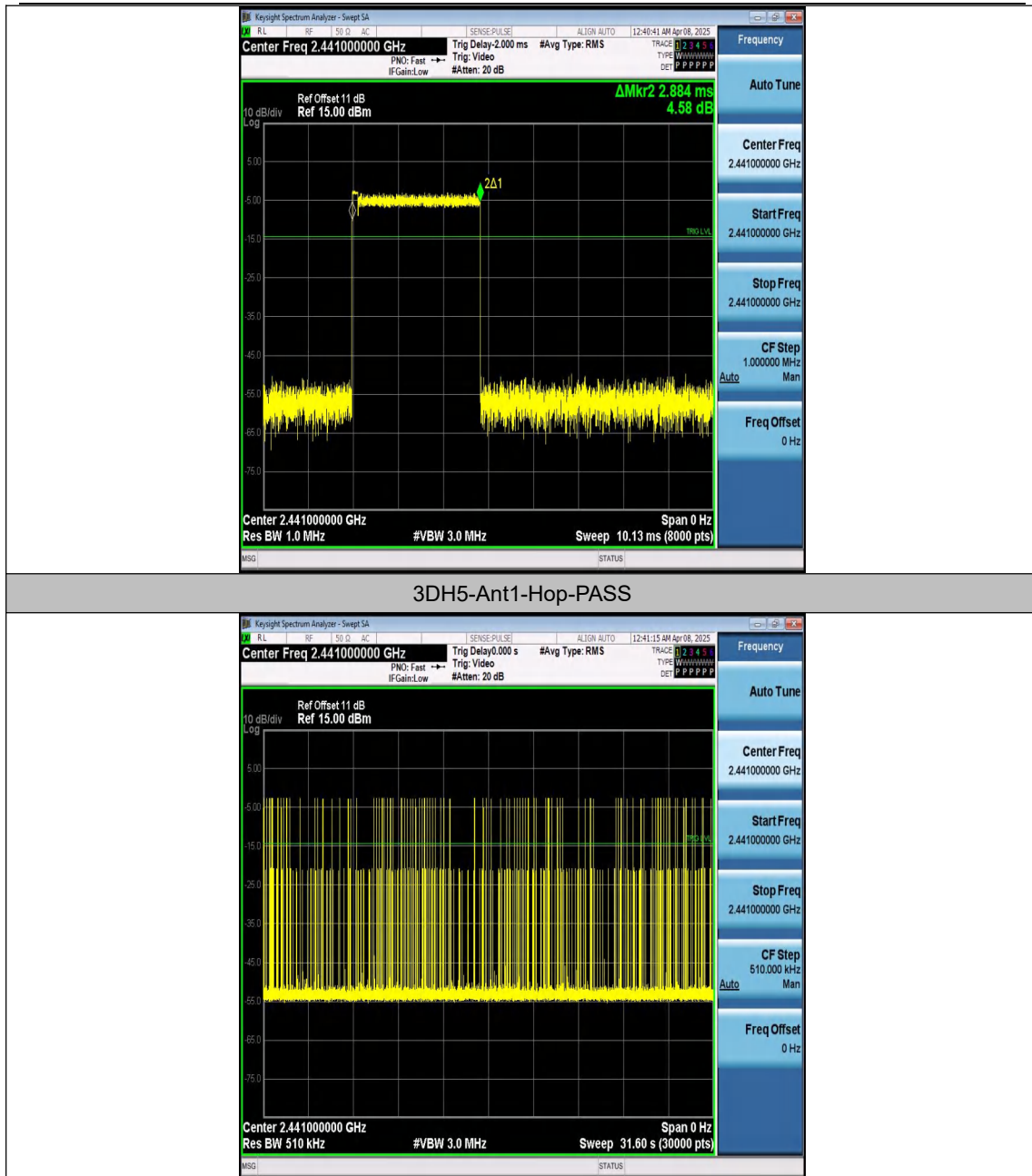


3DH3-Ant1-Hop-PASS

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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    |

