

## Appendix Test Data

|                  |                 |                    |                   |
|------------------|-----------------|--------------------|-------------------|
| Report No.:      | 18220WC20105201 | Test Sample No.:   | 1-2-2             |
| Start Test Date: | 2022.5.16       | Finish Test Date:  | 2022.5.23         |
| Test Engineer:   | <i>Jony.He</i>  | Auditor:           | <i>Edward.Pan</i> |
| Temperature:     | 24.3℃           | Relative Humidity: | 57 %              |
| Pressure:        | 1012 hPa        |                    |                   |

## Appendix A: 20dB Emission Bandwidth

## Test Result

| TestMode | Antenna | Channel | 20db<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|------------------|----------|----------|------------|---------|
| DH5      | Ant1    | 2402    | 0.999            | 2401.478 | 2402.477 | ---        | PASS    |
|          |         | 2441    | 1.017            | 2440.475 | 2441.492 | ---        | PASS    |
|          |         | 2480    | 1.026            | 2479.475 | 2480.501 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.323            | 2401.328 | 2402.651 | ---        | PASS    |
|          |         | 2441    | 1.338            | 2440.322 | 2441.660 | ---        | PASS    |
|          |         | 2480    | 1.329            | 2479.322 | 2480.651 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.290            | 2401.340 | 2402.630 | ---        | PASS    |
|          |         | 2441    | 1.311            | 2440.325 | 2441.636 | ---        | PASS    |
|          |         | 2480    | 1.269            | 2479.340 | 2480.609 | ---        | PASS    |

## Test Graphs





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## 2DH5\_Ant1\_2480



## 3DH5\_Ant1\_2402



## 3DH5\_Ant1\_2441

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## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz]      | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-----------|--------------|----------|------------|---------|
| DH5      | Ant1    | 2402    | 0.89880   | 2401.53<br>4 | 2402.433 | ---        | PASS    |
|          |         | 2441    | 0.90680   | 2440.53<br>1 | 2441.437 | ---        | PASS    |
|          |         | 2480    | 0.95849   | 2479.50<br>3 | 2480.461 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.2004    | 2401.39<br>0 | 2402.591 | ---        | PASS    |
|          |         | 2441    | 1.2513    | 2440.36<br>8 | 2441.619 | ---        | PASS    |
|          |         | 2480    | 1.2506    | 2479.36<br>7 | 2480.618 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.2135    | 2401.37<br>3 | 2402.587 | ---        | PASS    |
|          |         | 2441    | 1.2447    | 2440.35<br>9 | 2441.604 | ---        | PASS    |
|          |         | 2480    | 1.2495    | 2479.35<br>7 | 2480.606 | ---        | PASS    |

## Test Graphs

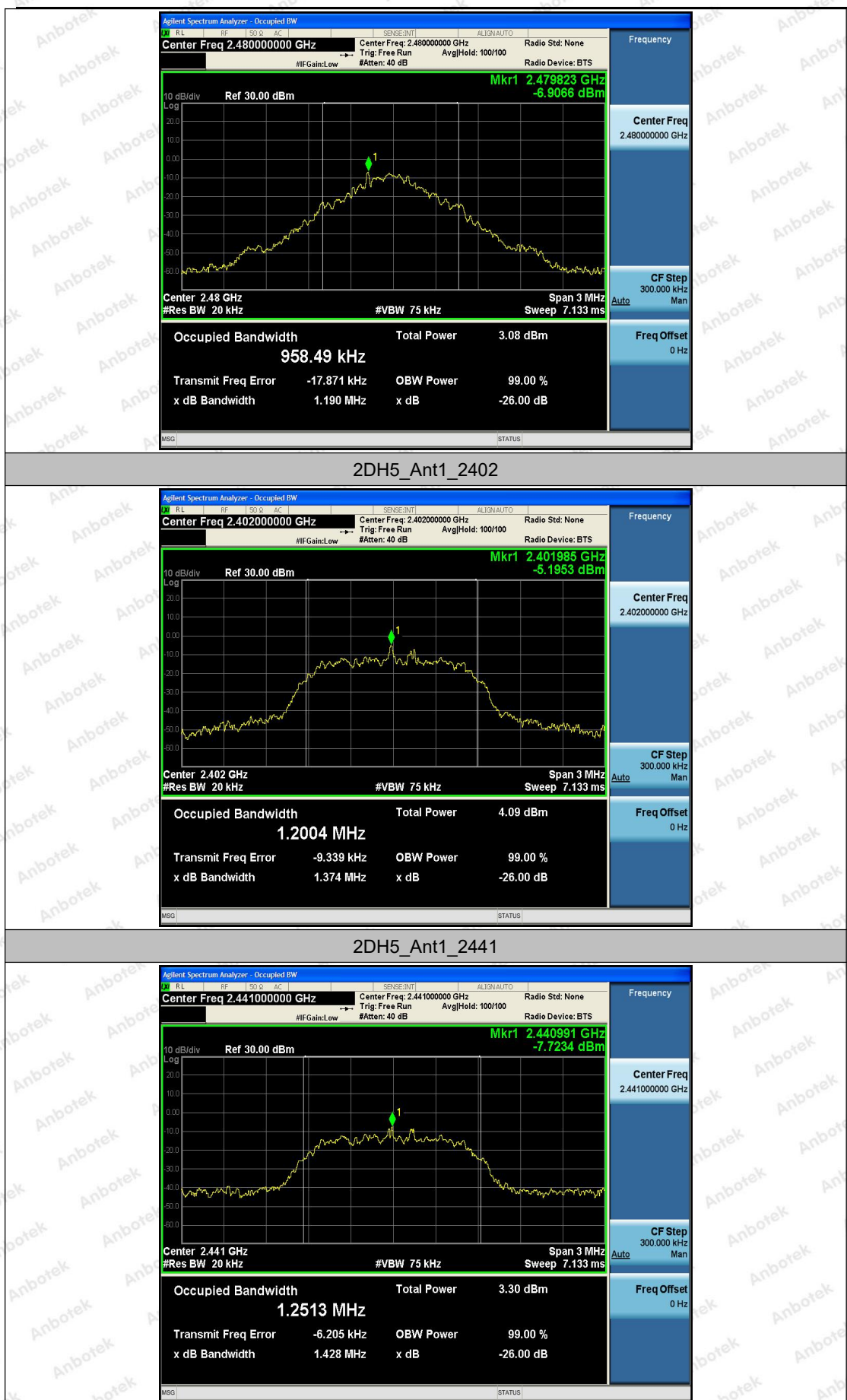


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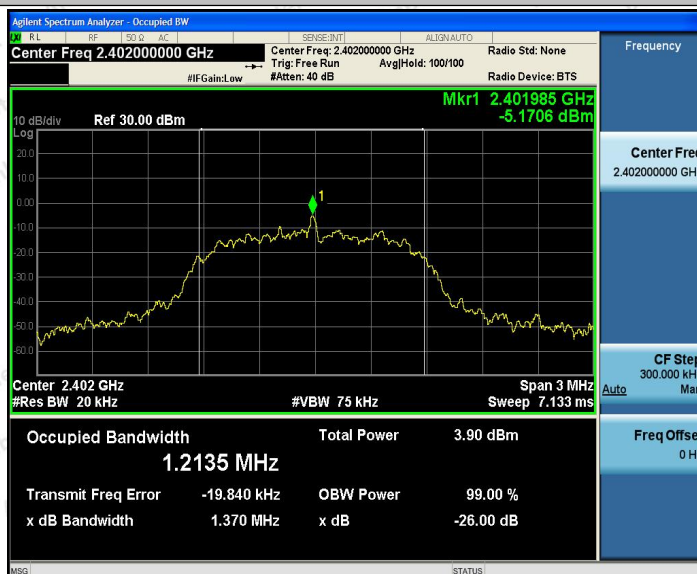
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## 2DH5\_Ant1\_2480



## 3DH5\_Ant1\_2402



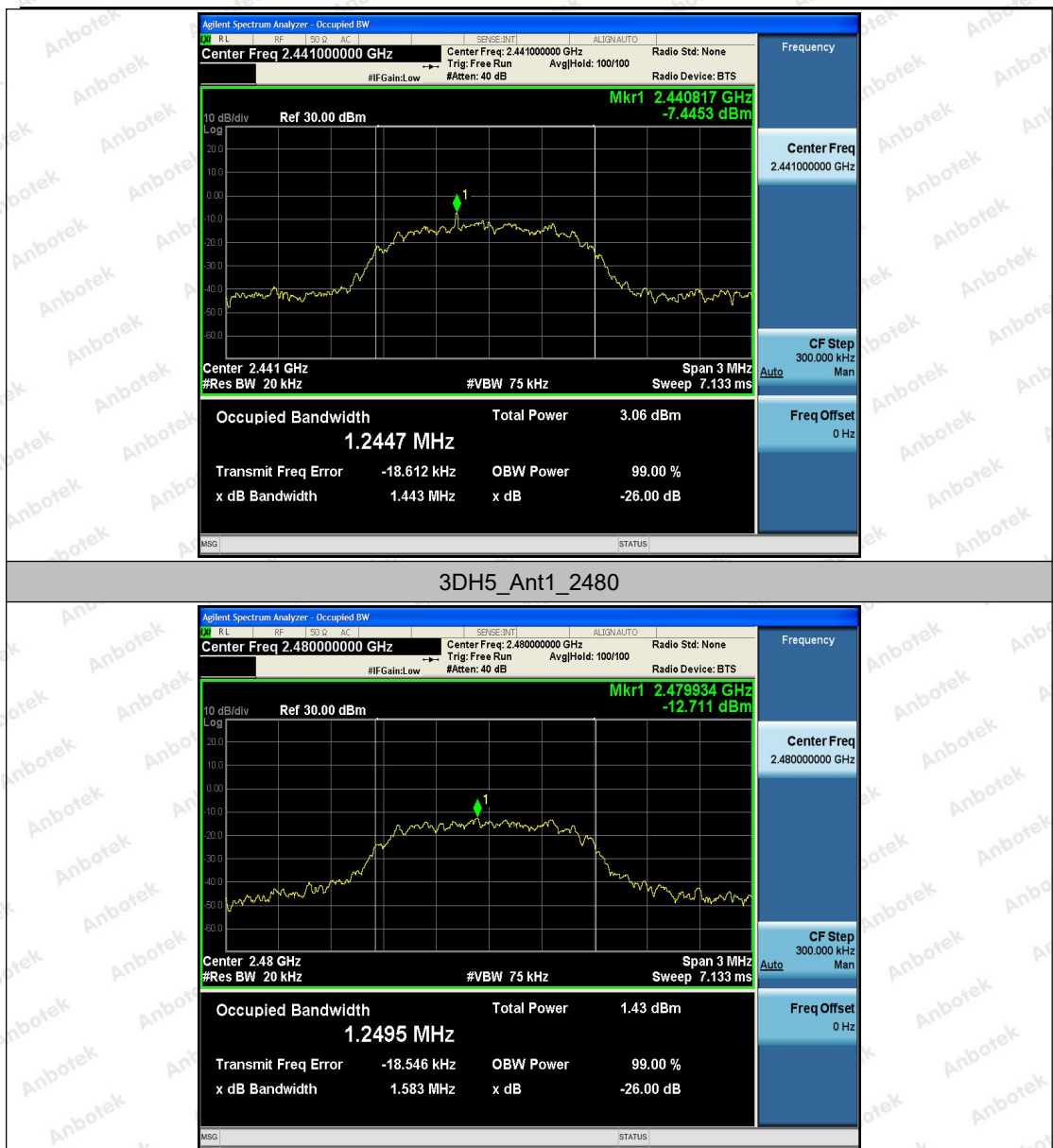
## 3DH5\_Ant1\_2441

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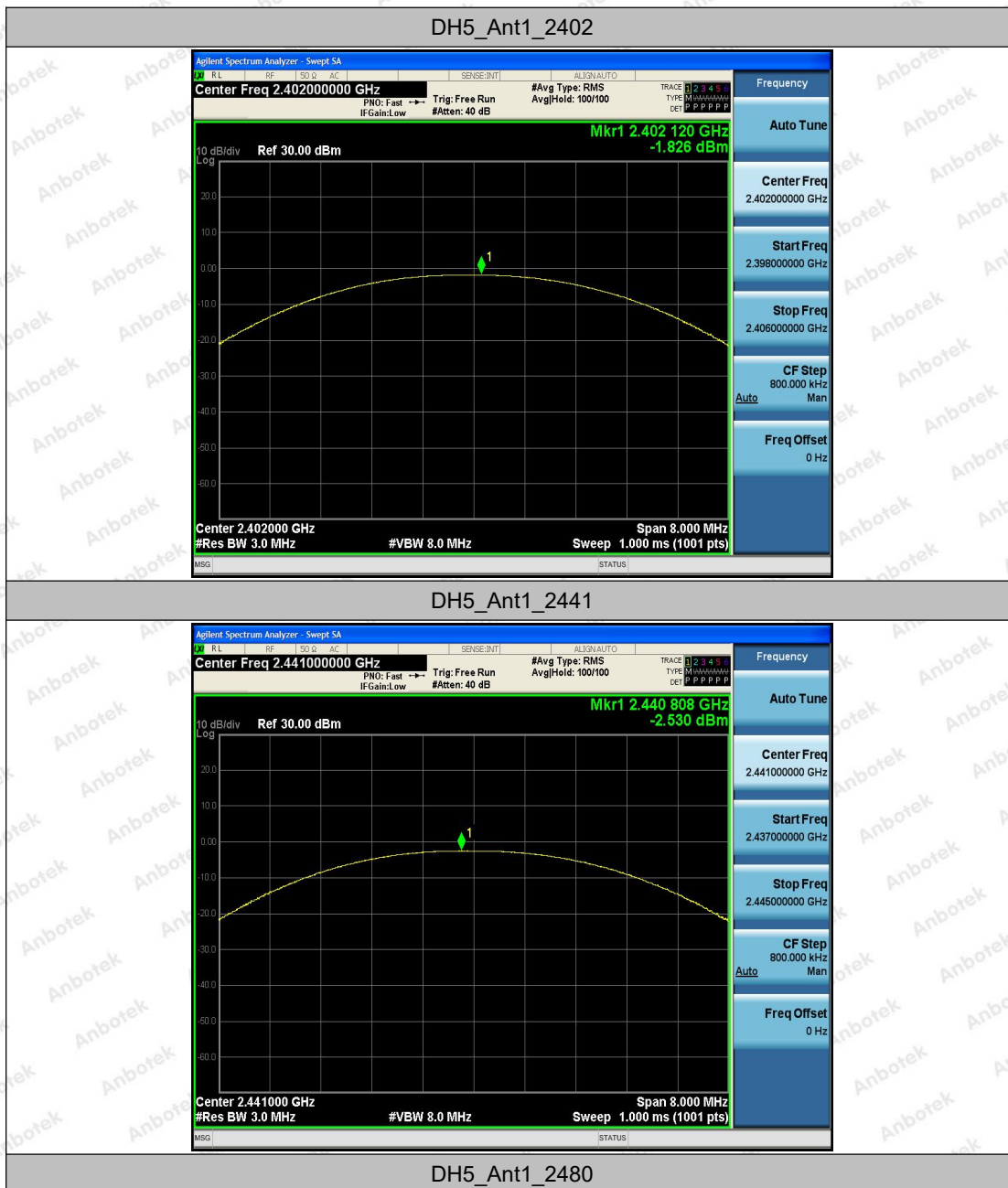
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## Appendix C: Maximum conducted output power

### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5      | Ant1    | 2402    | -1.83       | ≤20.97     | PASS    |
|          |         | 2441    | -2.53       | ≤20.97     | PASS    |
|          |         | 2480    | -3.62       | ≤20.97     | PASS    |
| 2DH5     | Ant1    | 2402    | -1.13       | ≤20.97     | PASS    |
|          |         | 2441    | -2.22       | ≤20.97     | PASS    |
|          |         | 2480    | -3.08       | ≤20.97     | PASS    |
| 3DH5     | Ant1    | 2402    | -0.75       | ≤20.97     | PASS    |
|          |         | 2441    | -2.08       | ≤20.97     | PASS    |
|          |         | 2480    | -2.9        | ≤20.97     | PASS    |

## Test Graphs

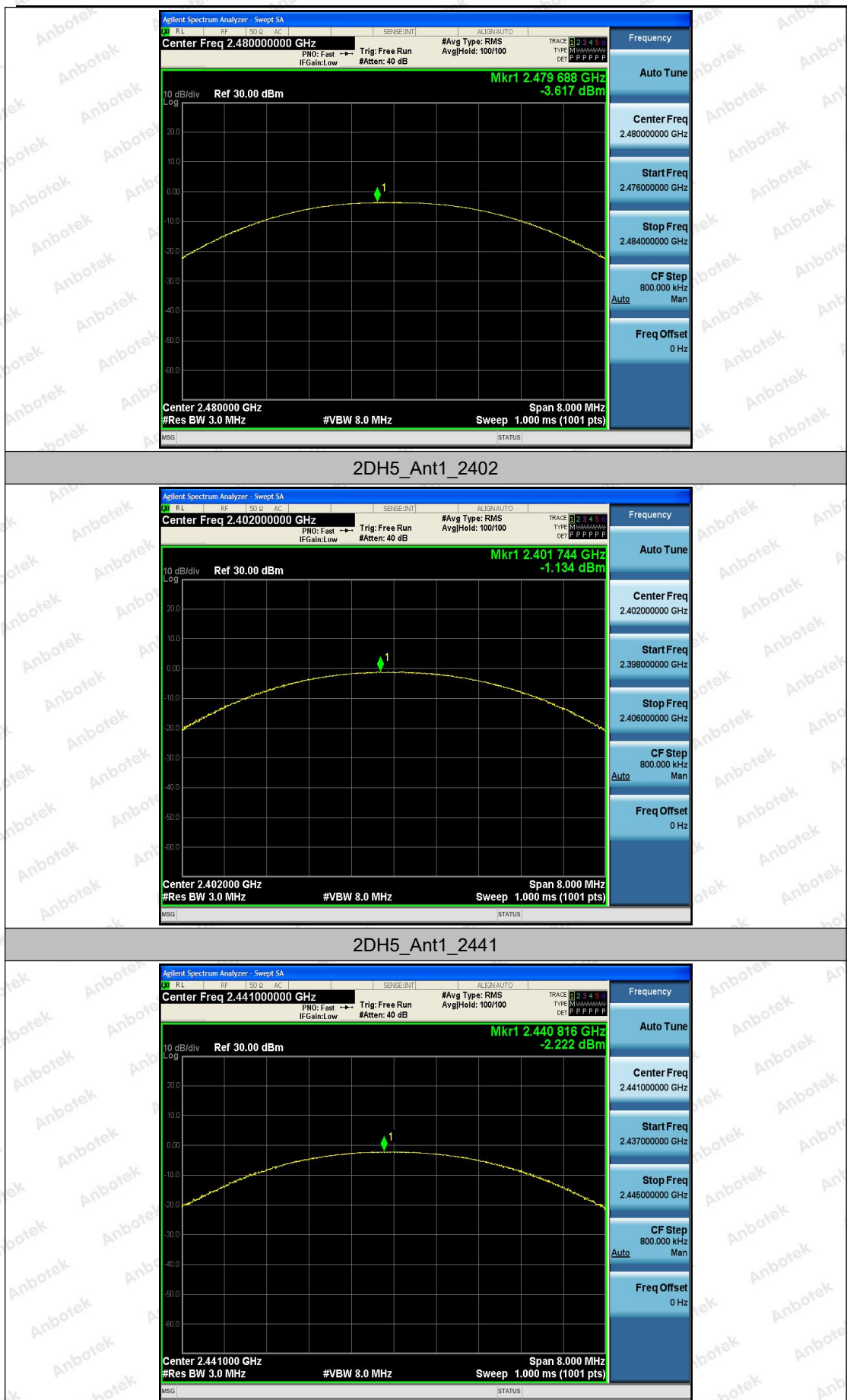


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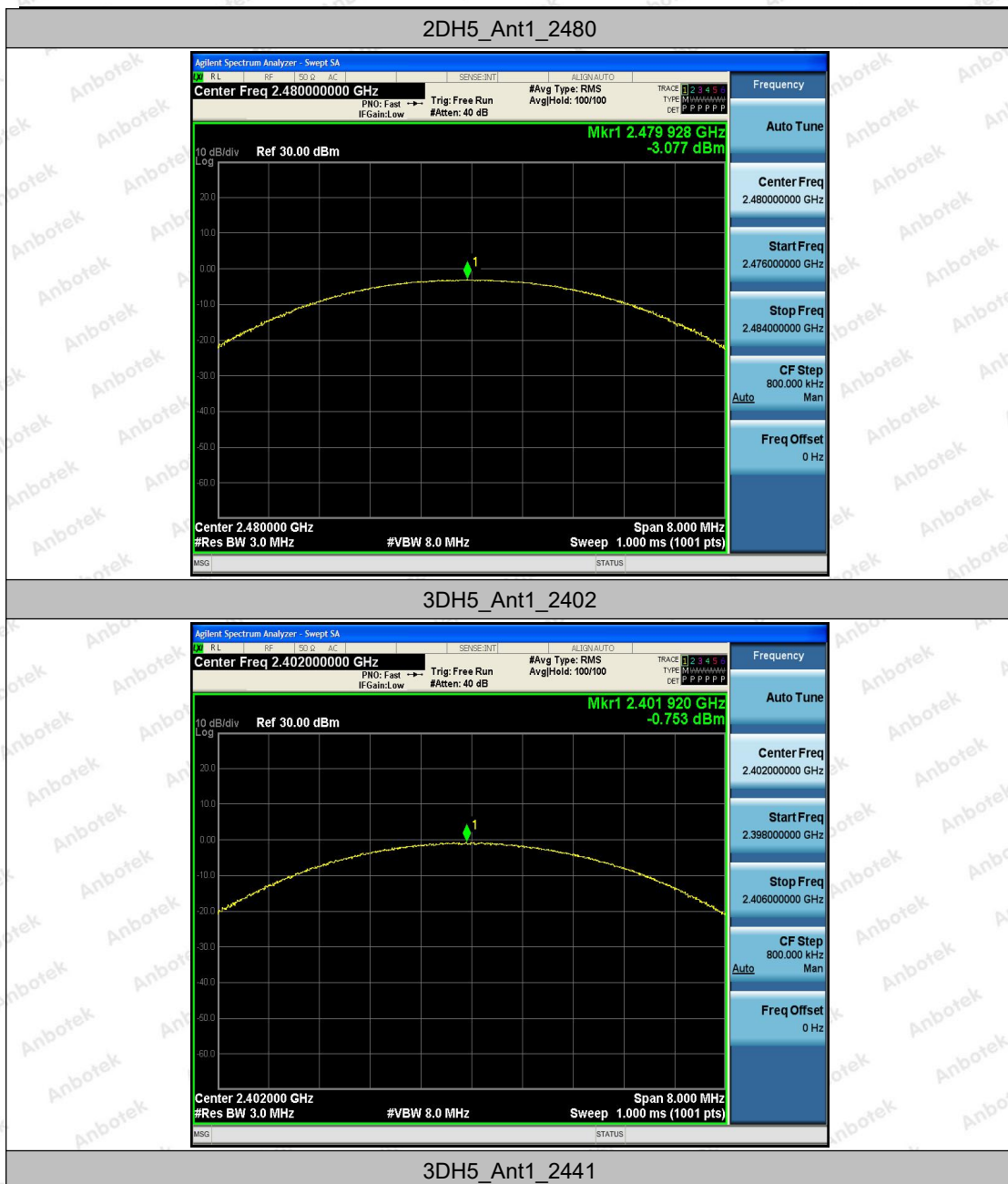


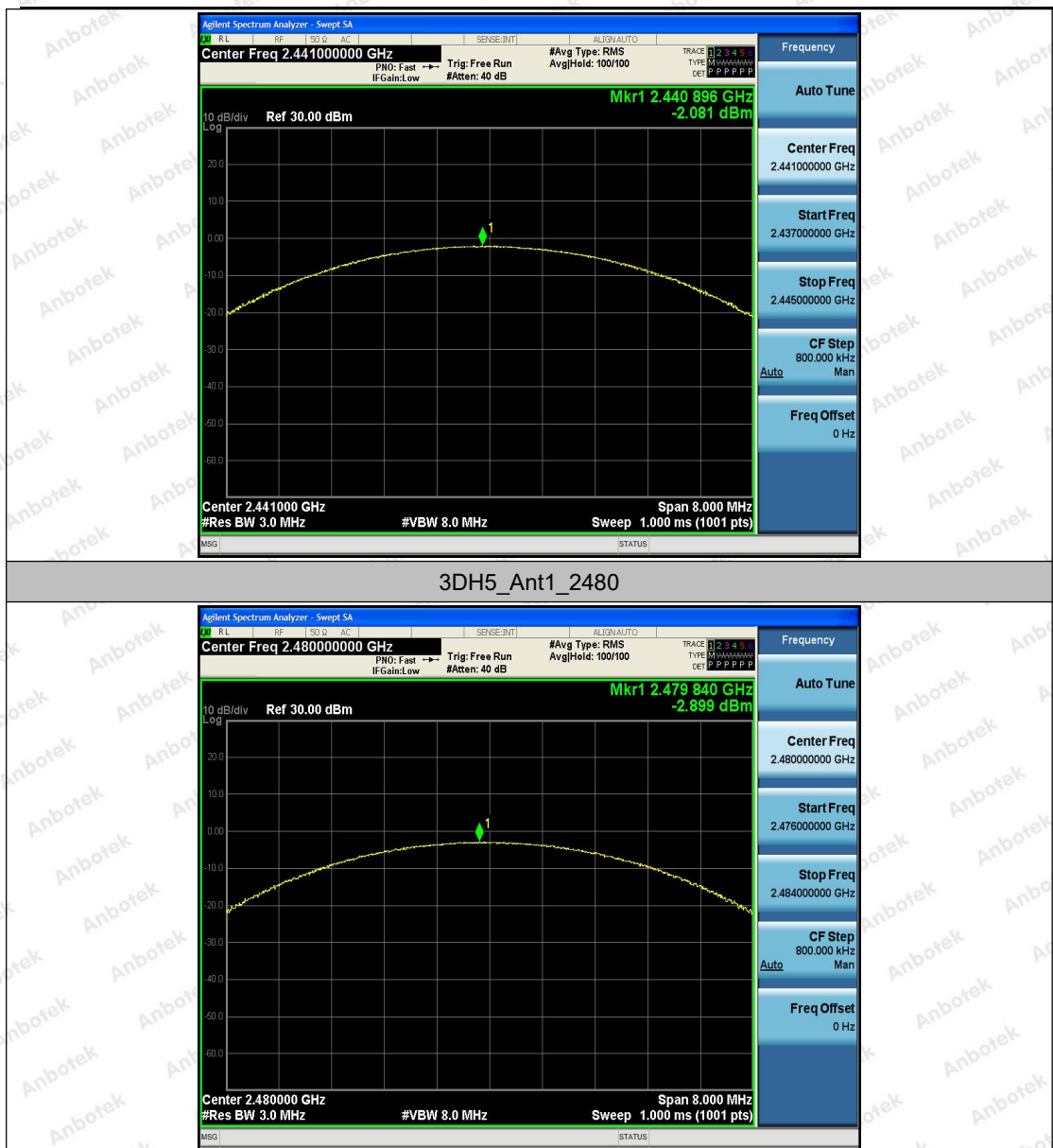
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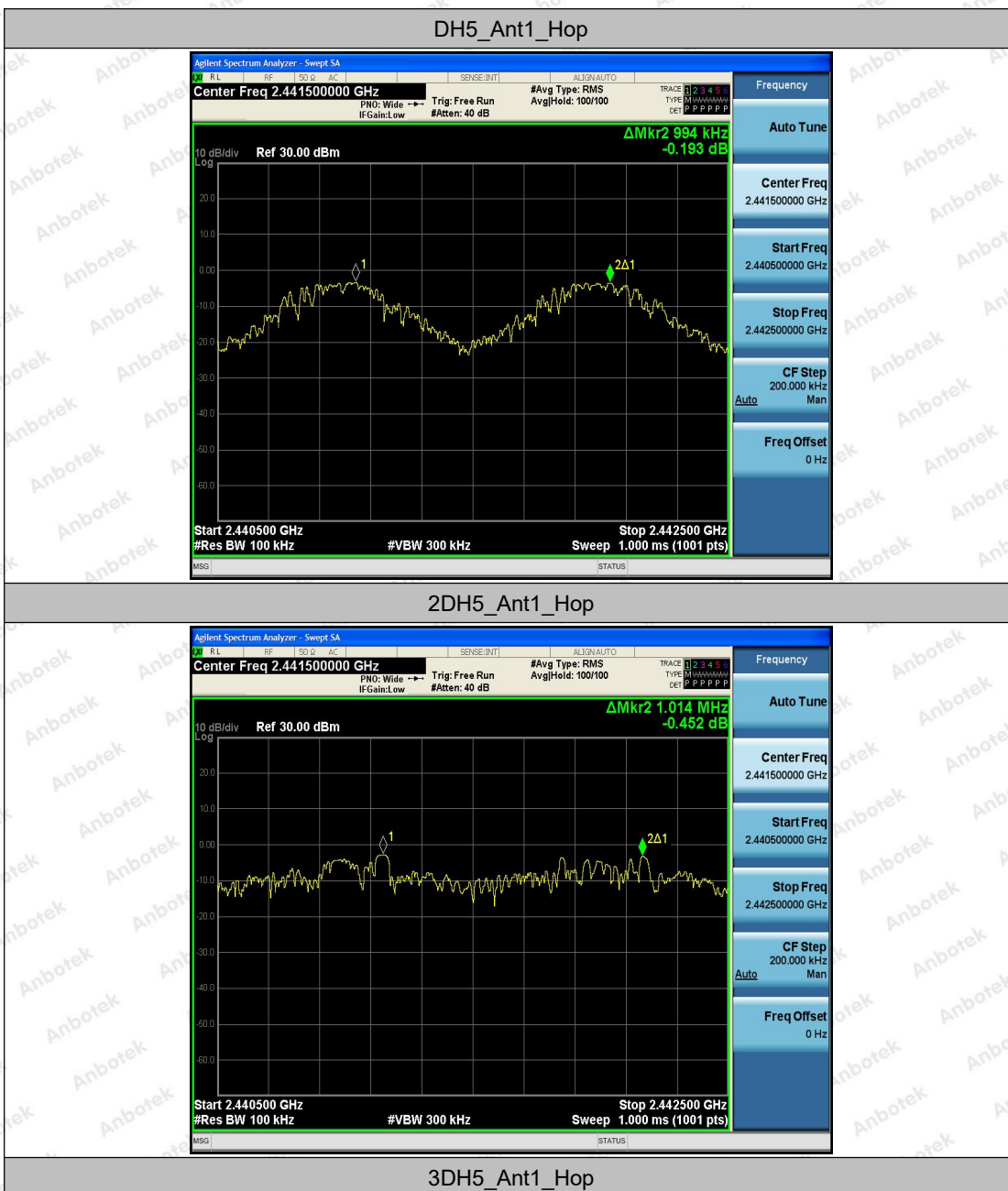
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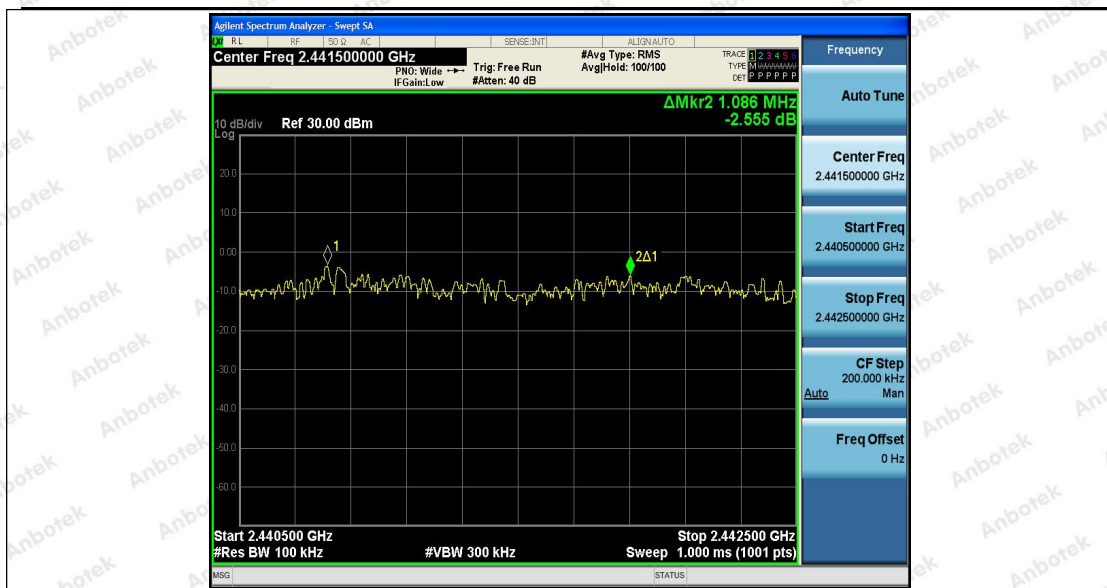
## Appendix D: Carrier frequency separation

### Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH5      | Ant1    | Hop     | 0.994       | $\geq 0.684$ | PASS    |
| 2DH5     | Ant1    | Hop     | 1.014       | $\geq 0.892$ | PASS    |
| 3DH5     | Ant1    | Hop     | 1.086       | $\geq 0.874$ | PASS    |

## Test Graphs





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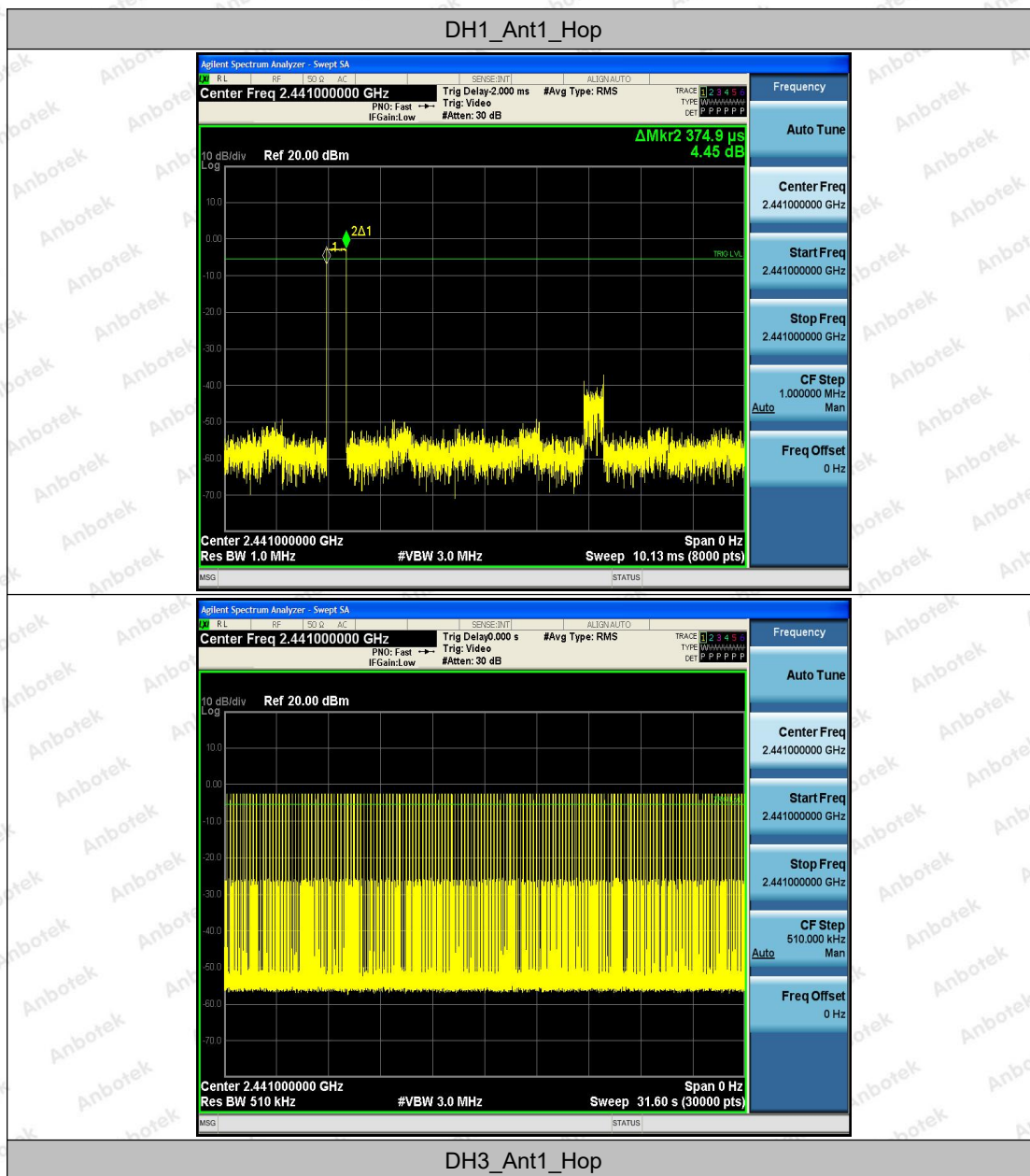
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## Appendix E: Time of occupancy

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop     | 0.37               | 315                | 0.118     | ≤0.4     | PASS    |
| DH3      | Ant1    | Hop     | 1.63               | 156                | 0.255     | ≤0.4     | PASS    |
| DH5      | Ant1    | Hop     | 2.88               | 113                | 0.325     | ≤0.4     | PASS    |
| 2DH1     | Ant1    | Hop     | 0.39               | 313                | 0.121     | ≤0.4     | PASS    |
| 2DH3     | Ant1    | Hop     | 1.64               | 163                | 0.267     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop     | 2.89               | 115                | 0.332     | ≤0.4     | PASS    |
| 3DH1     | Ant1    | Hop     | 0.39               | 319                | 0.123     | ≤0.4     | PASS    |
| 3DH3     | Ant1    | Hop     | 1.64               | 162                | 0.265     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop     | 2.89               | 96                 | 0.277     | ≤0.4     | PASS    |

## Test Graphs



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