

## Appendix Test Data

|                  |                 |                    |                   |
|------------------|-----------------|--------------------|-------------------|
| Report No.:      | 18220WC20092101 | Test Sample No.:   | 1-2-2             |
| Start Test Date: | 2022.4.25       | Finish Test Date:  | 2022.4.29         |
| Test Engineer:   | <i>Jony He</i>  | Auditor:           | <i>Edward Pan</i> |
| Temperature:     | 23.5℃           | Relative Humidity: | 55.6 %            |
| 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    | 0.927            | 2401.631 | 2402.558 | ---        | PASS    |
|          |         | 2441    | 0.927            | 2440.640 | 2441.567 | ---        | PASS    |
|          |         | 2480    | 0.936            | 2479.634 | 2480.570 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.323            | 2401.427 | 2402.750 | ---        | PASS    |
|          |         | 2441    | 1.260            | 2440.463 | 2441.723 | ---        | PASS    |
|          |         | 2480    | 1.260            | 2479.463 | 2480.723 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.263            | 2401.448 | 2402.711 | ---        | PASS    |
|          |         | 2441    | 1.278            | 2440.442 | 2441.720 | ---        | PASS    |
|          |         | 2480    | 1.260            | 2479.451 | 2480.711 | ---        | PASS    |

## Test Graphs

DH5\_Ant1\_2402



DH5\_Ant1\_2441



DH5\_Ant1\_2480

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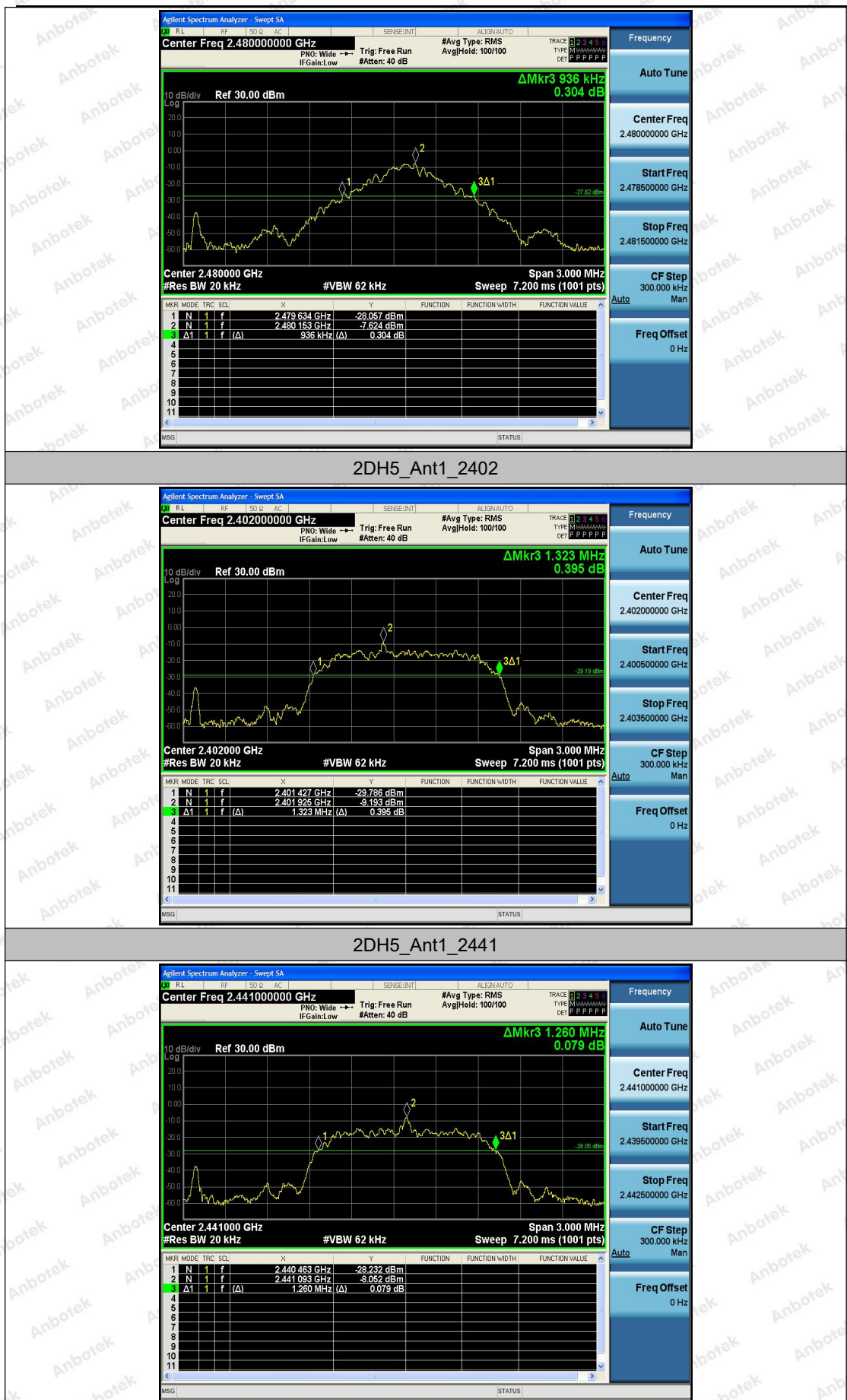
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## 2DH5\_Ant1\_2480



## 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    | 0.85109   | 2401.66<br>0 | 2402.511 | ---        | PASS    |
|          |         | 2441    | 0.86063   | 2440.65<br>7 | 2441.517 | ---        | PASS    |
|          |         | 2480    | 0.85188   | 2479.66<br>2 | 2480.514 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.1803    | 2401.49<br>9 | 2402.679 | ---        | PASS    |
|          |         | 2441    | 1.1948    | 2440.49<br>3 | 2441.688 | ---        | PASS    |
|          |         | 2480    | 1.1807    | 2479.50<br>1 | 2480.682 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.1901    | 2401.48<br>7 | 2402.677 | ---        | PASS    |
|          |         | 2441    | 1.1980    | 2440.48<br>3 | 2441.681 | ---        | PASS    |
|          |         | 2480    | 1.1963    | 2479.48<br>7 | 2480.684 | ---        | PASS    |

## Test Graphs



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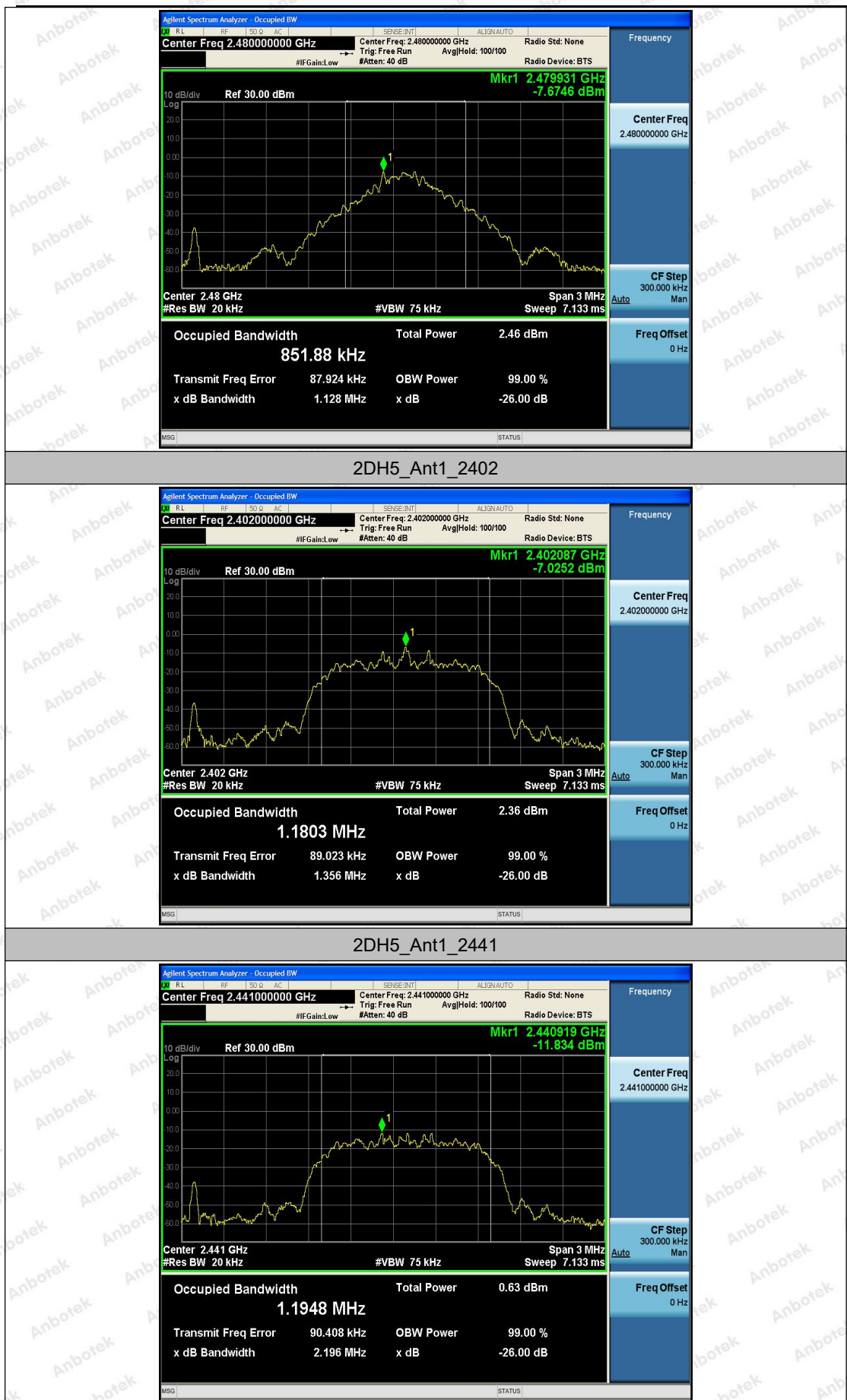
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## 2DH5\_Ant1\_2480



## 3DH5\_Ant1\_2402



## 3DH5\_Ant1\_2441

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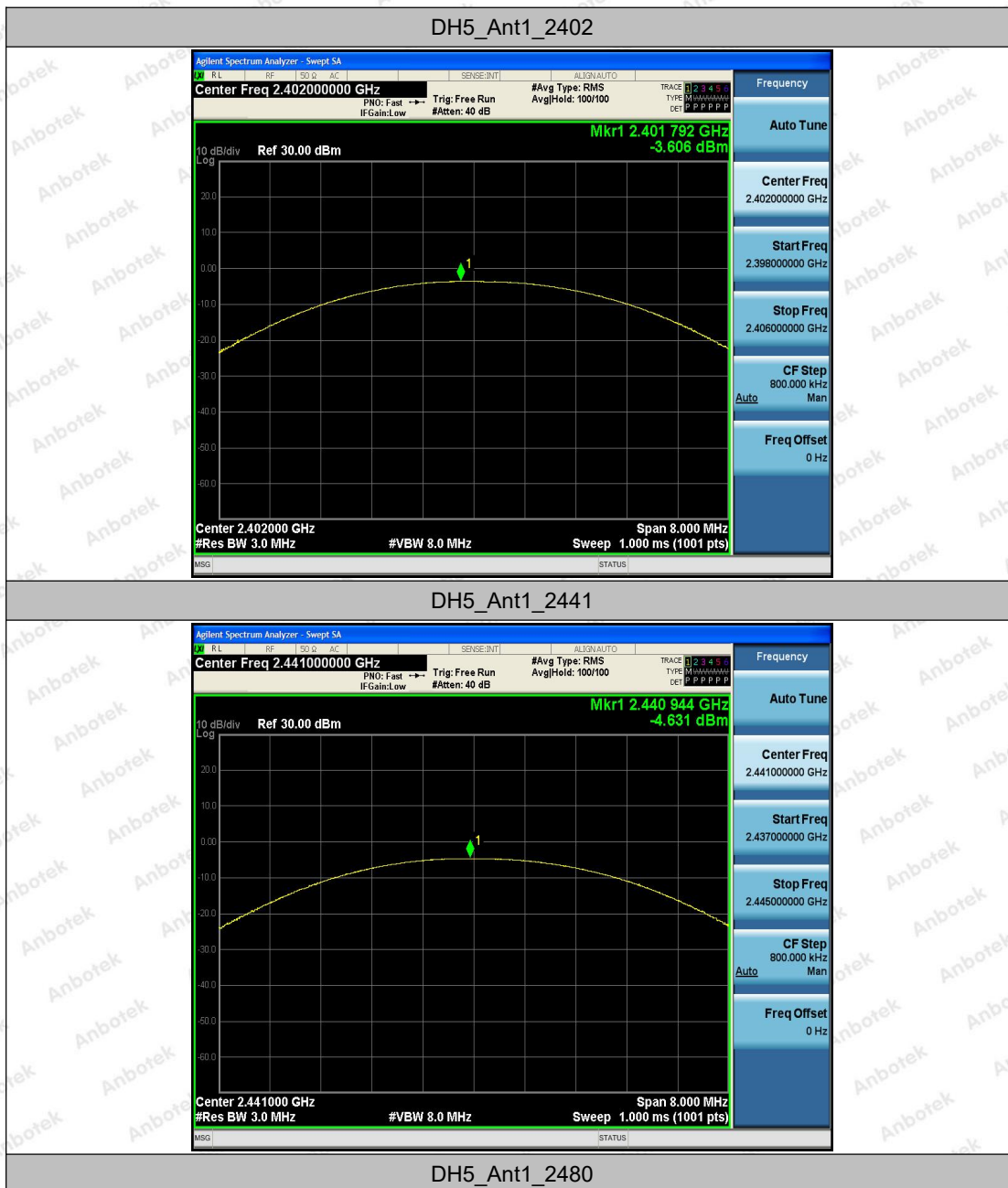
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## Appendix C: Maximum conducted output power

### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5      | Ant1    | 2402    | -3.61       | ≤20.97     | PASS    |
|          |         | 2441    | -4.63       | ≤20.97     | PASS    |
|          |         | 2480    | -3.98       | ≤20.97     | PASS    |
| 2DH5     | Ant1    | 2402    | -2.76       | ≤20.97     | PASS    |
|          |         | 2441    | -3.79       | ≤20.97     | PASS    |
|          |         | 2480    | -3.17       | ≤20.97     | PASS    |
| 3DH5     | Ant1    | 2402    | -2.35       | ≤20.97     | PASS    |
|          |         | 2441    | -3.41       | ≤20.97     | PASS    |
|          |         | 2480    | -2.7        | ≤20.97     | PASS    |

## Test Graphs



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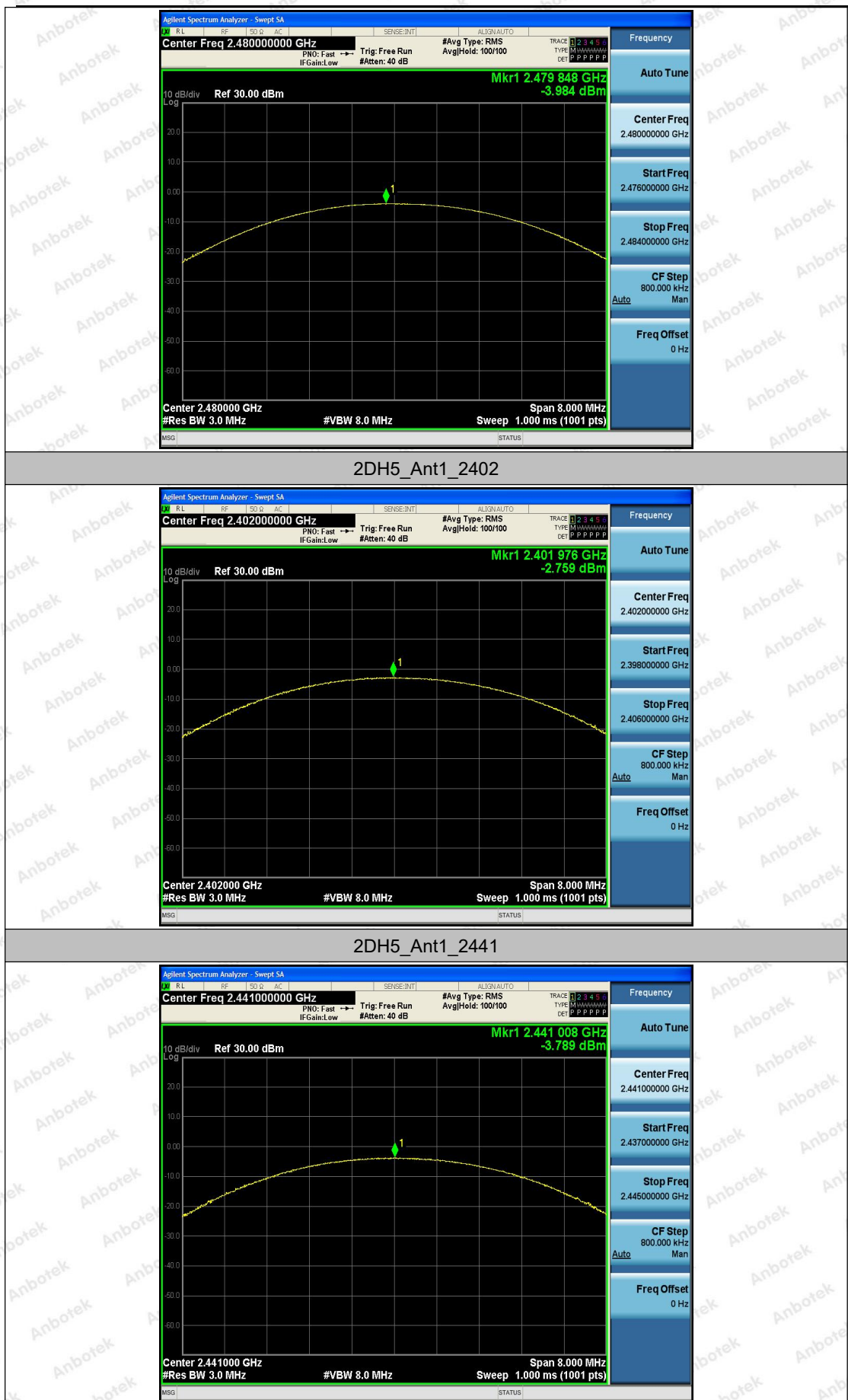
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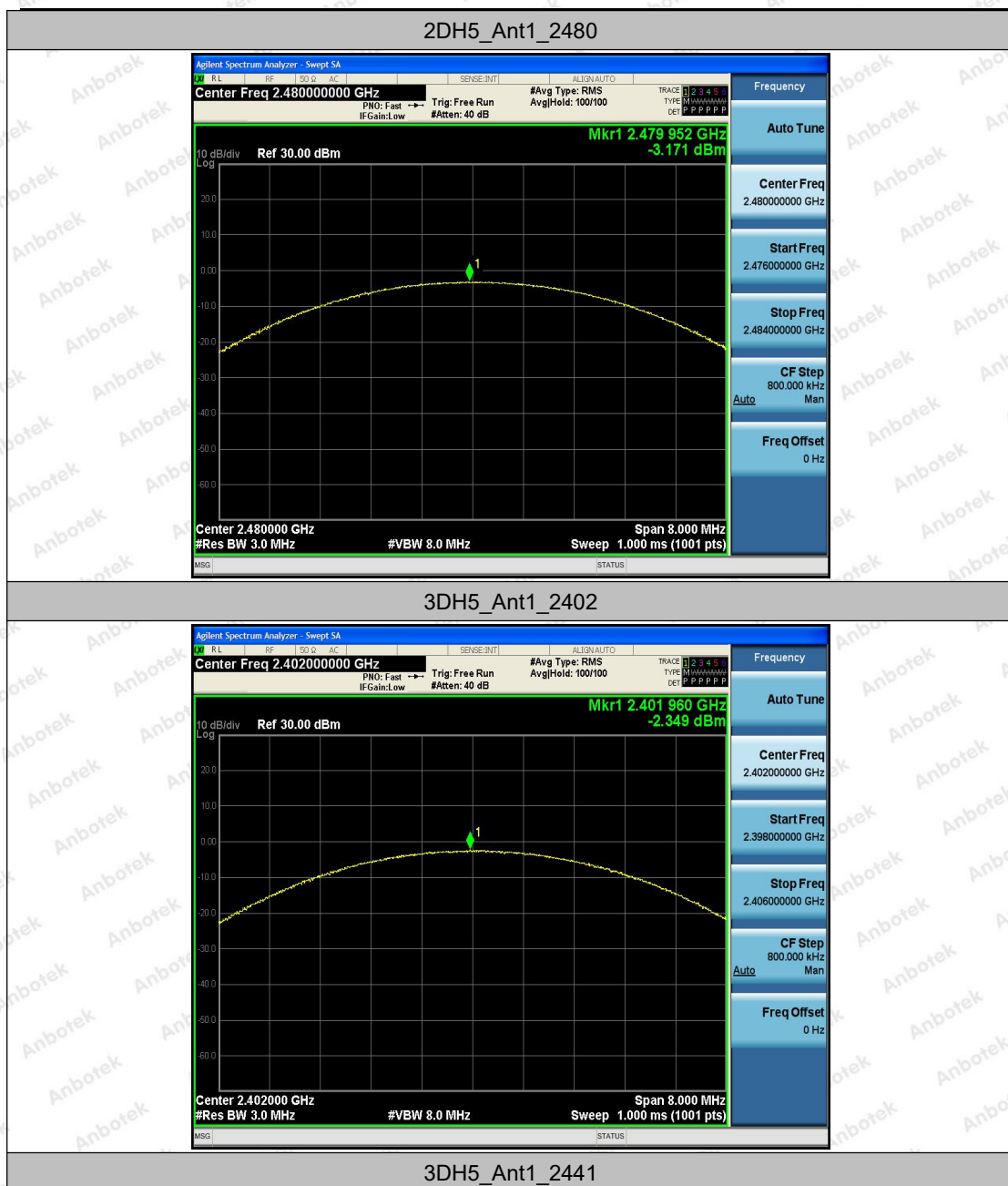


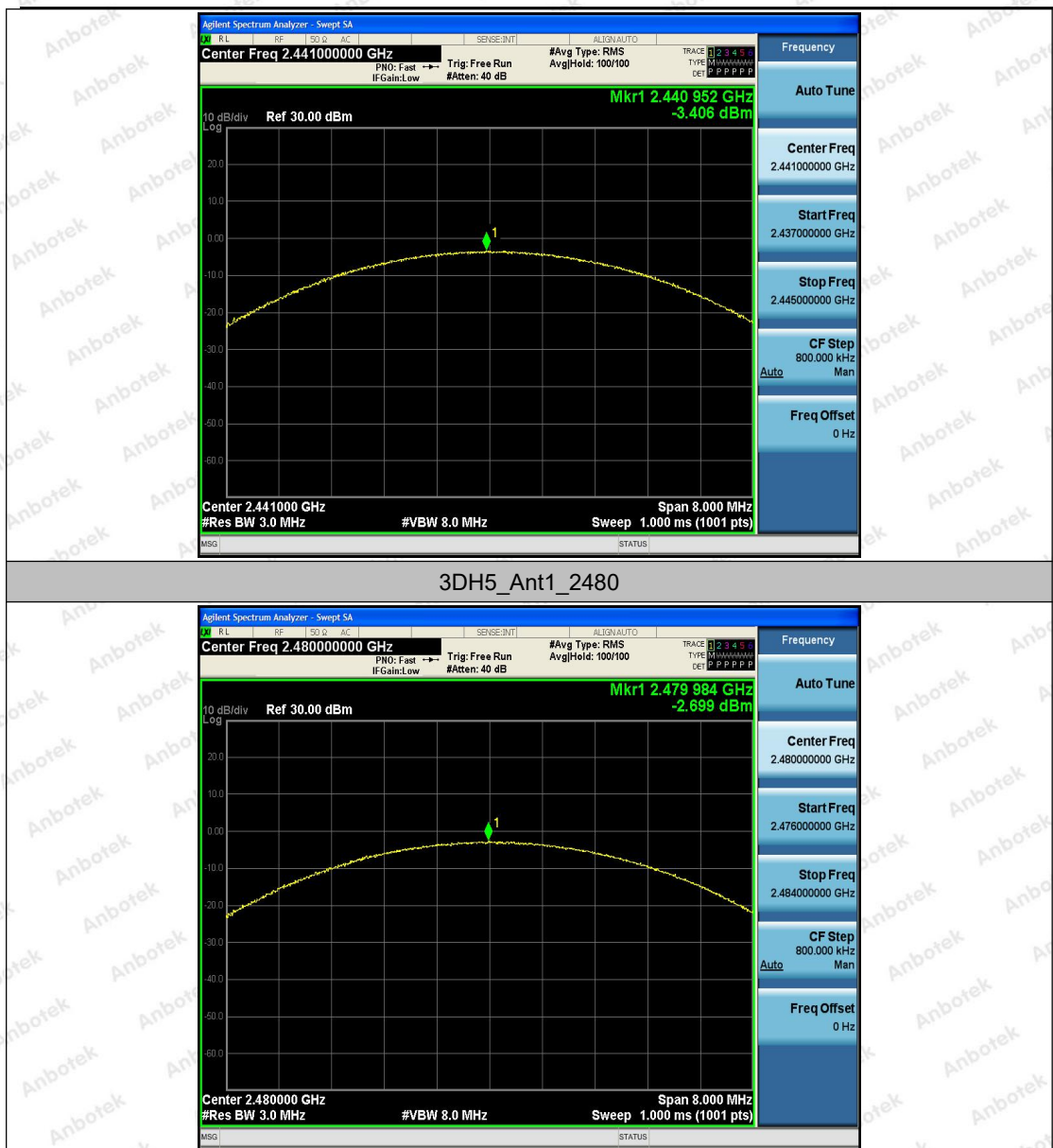
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## Appendix D: Carrier frequency separation

### Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH5      | Ant1    | Hop     | 1.102       | $\geq 0.936$ | PASS    |
| 2DH5     | Ant1    | Hop     | 1.156       | $\geq 0.882$ | PASS    |
| 3DH5     | Ant1    | Hop     | 0.894       | $\geq 0.852$ | PASS    |

## Test Graphs



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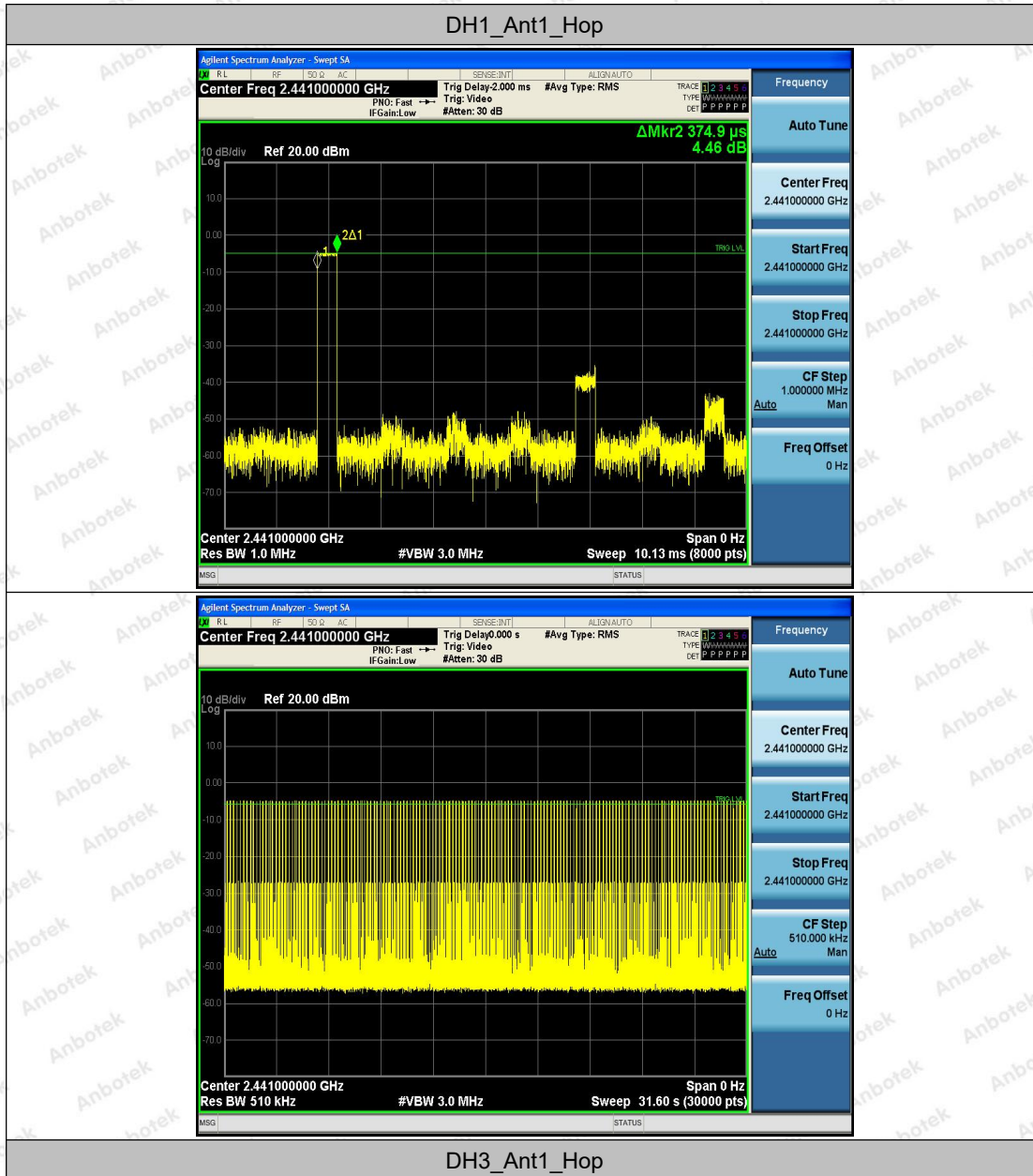
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## Appendix E: Time of occupancy

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop     | 0.37               | 318                | 0.119     | ≤0.4     | PASS    |
| DH3      | Ant1    | Hop     | 1.63               | 157                | 0.256     | ≤0.4     | PASS    |
| DH5      | Ant1    | Hop     | 2.88               | 105                | 0.302     | ≤0.4     | PASS    |
| 2DH1     | Ant1    | Hop     | 0.39               | 319                | 0.123     | ≤0.4     | PASS    |
| 2DH3     | Ant1    | Hop     | 1.64               | 156                | 0.255     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop     | 2.89               | 92                 | 0.265     | ≤0.4     | PASS    |
| 3DH1     | Ant1    | Hop     | 0.39               | 318                | 0.123     | ≤0.4     | PASS    |
| 3DH3     | Ant1    | Hop     | 1.64               | 165                | 0.27      | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop     | 2.89               | 91                 | 0.263     | ≤0.4     | PASS    |

## Test Graphs



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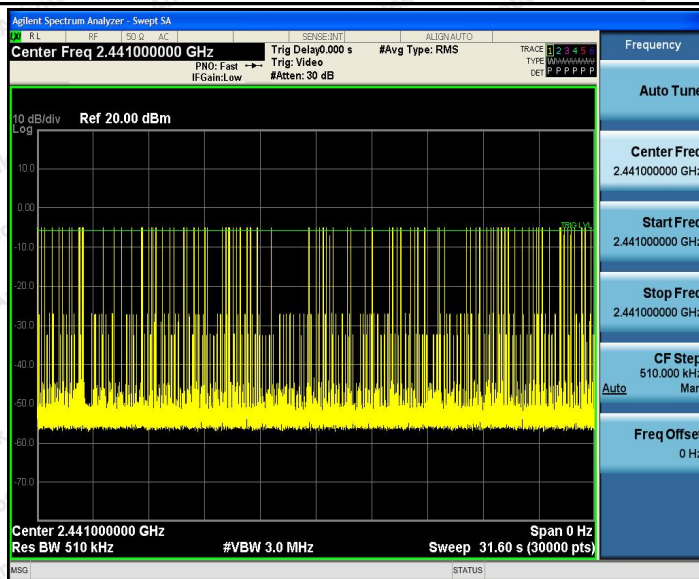
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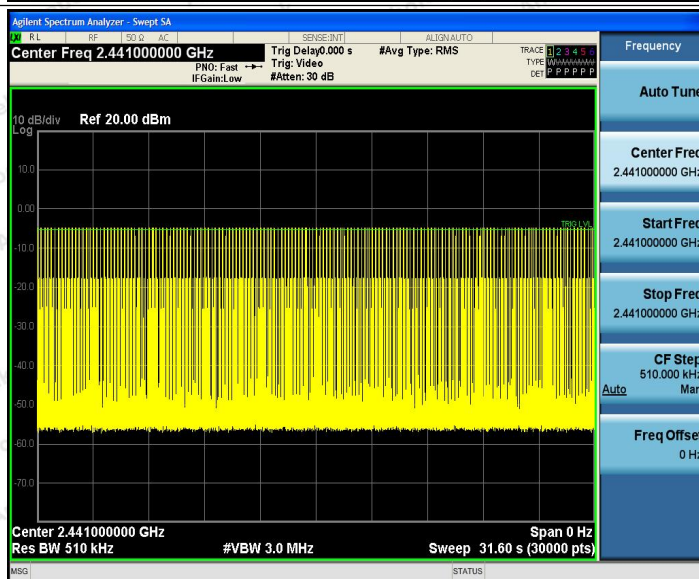
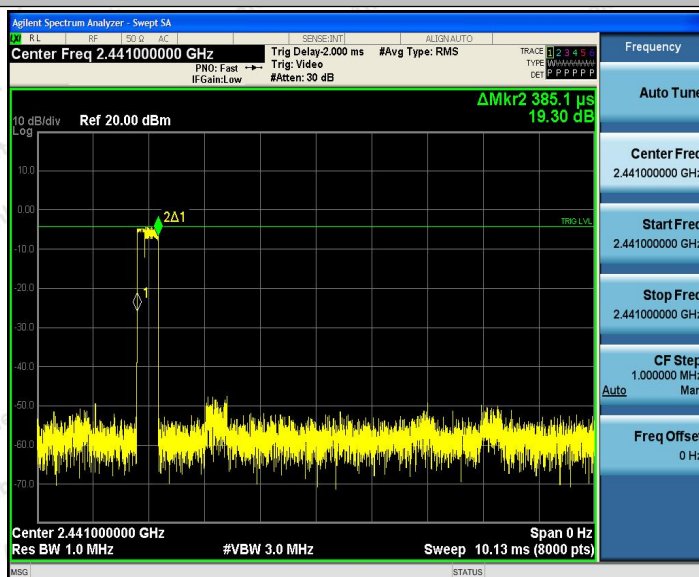
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DH5\_Ant1\_Hop



2DH1\_Ant1\_Hop



2DH3\_Ant1\_Hop

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