

## Appendix Test Data

|                  |                 |                    |                   |
|------------------|-----------------|--------------------|-------------------|
| Report No.:      | 18220WC20102001 | Test Sample No.:   | 1-2-2             |
| Start Test Date: | 2022.5.10       | Finish Test Date:  | 2022.5.18         |
| Test Engineer:   | <i>Jony.He</i>  | Auditor:           | <i>Edward.Pan</i> |
| Temperature:     | 23.7℃           | Relative Humidity: | 55.9 %            |
| 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    | 0.933            | 2401.541 | 2402.474 | ---        | PASS    |
|          |         | 2441    | 0.948            | 2440.538 | 2441.486 | ---        | PASS    |
|          |         | 2480    | 0.948            | 2479.538 | 2480.486 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.326            | 2401.337 | 2402.663 | ---        | PASS    |
|          |         | 2441    | 1.263            | 2440.367 | 2441.630 | ---        | PASS    |
|          |         | 2480    | 1.326            | 2479.337 | 2480.663 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.278            | 2401.349 | 2402.627 | ---        | PASS    |
|          |         | 2441    | 1.275            | 2440.352 | 2441.627 | ---        | PASS    |
|          |         | 2480    | 1.311            | 2479.346 | 2480.657 | ---        | PASS    |

## Test Graphs

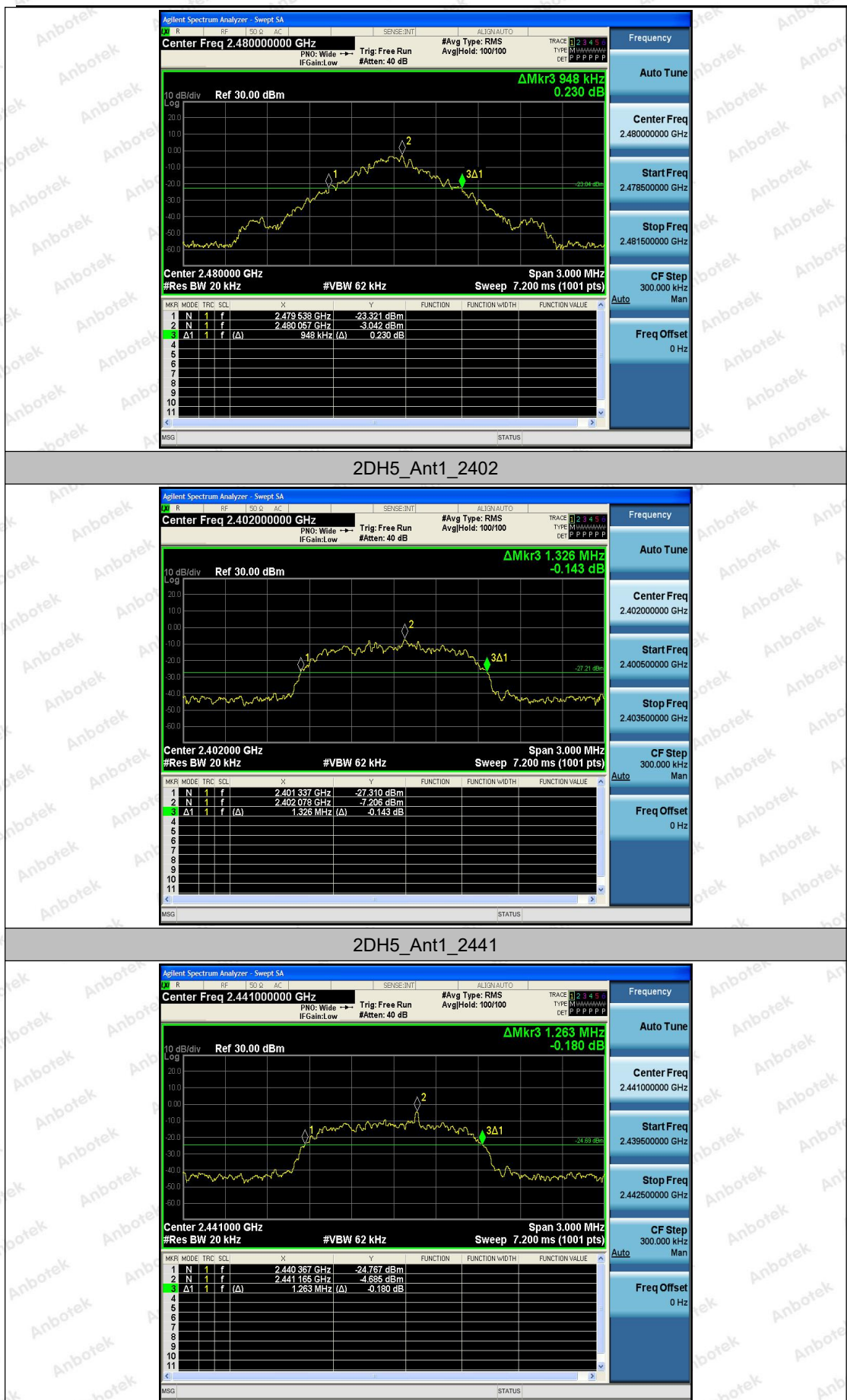


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## 2DH5\_Ant1\_2480



## 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    | 0.88443   | 2401.55<br>7 | 2402.442 | ---        | PASS    |
|          |         | 2441    | 0.89269   | 2440.55<br>4 | 2441.447 | ---        | PASS    |
|          |         | 2480    | 0.89071   | 2479.55<br>7 | 2480.448 | ---        | PASS    |
| 2DH5     | Ant1    | 2402    | 1.1975    | 2401.40<br>3 | 2402.600 | ---        | PASS    |
|          |         | 2441    | 1.1967    | 2440.40<br>2 | 2441.599 | ---        | PASS    |
|          |         | 2480    | 1.1917    | 2479.40<br>4 | 2480.596 | ---        | PASS    |
| 3DH5     | Ant1    | 2402    | 1.2027    | 2401.39<br>1 | 2402.594 | ---        | PASS    |
|          |         | 2441    | 1.2085    | 2440.38<br>9 | 2441.597 | ---        | PASS    |
|          |         | 2480    | 1.1998    | 2479.39<br>4 | 2480.594 | ---        | PASS    |



## Test Graphs

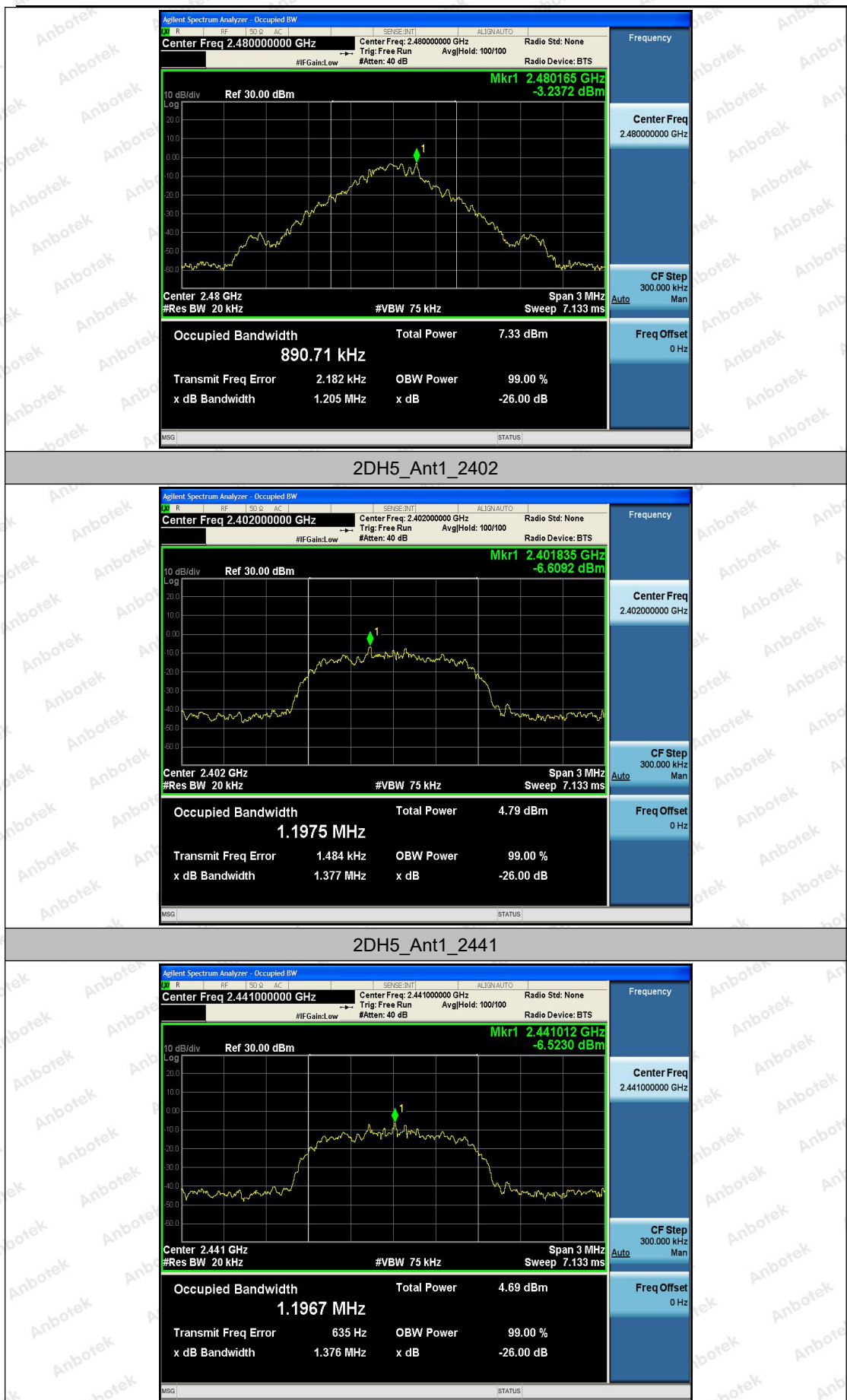


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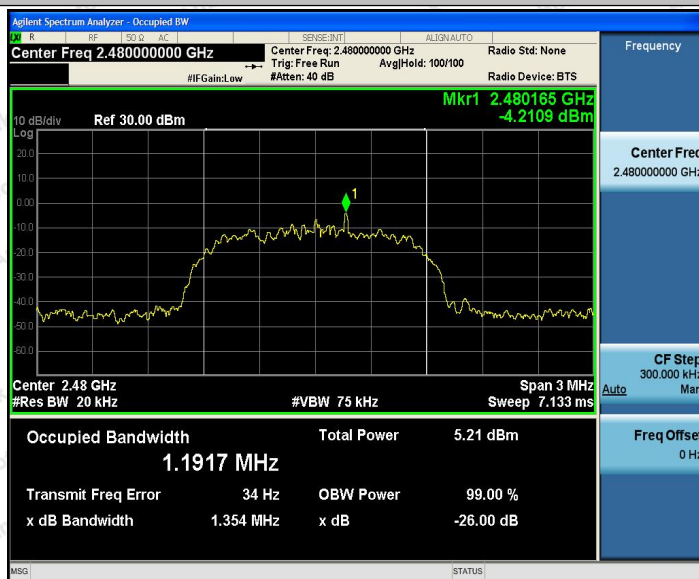
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

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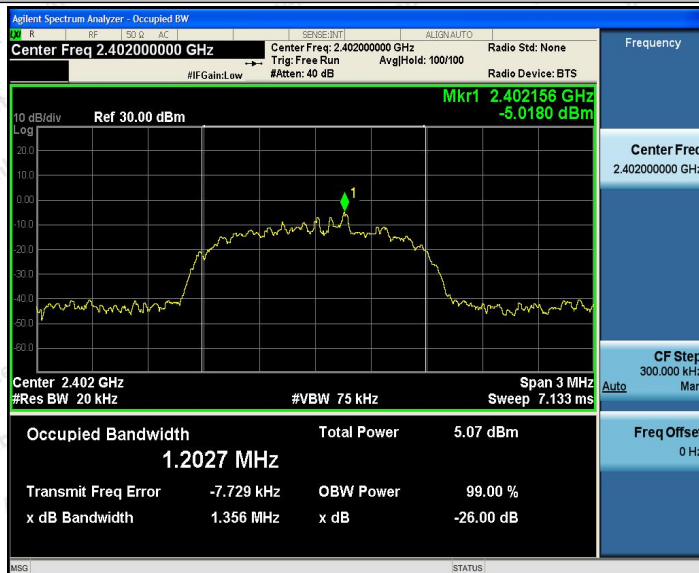
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## 2DH5\_Ant1\_2480



## 3DH5\_Ant1\_2402



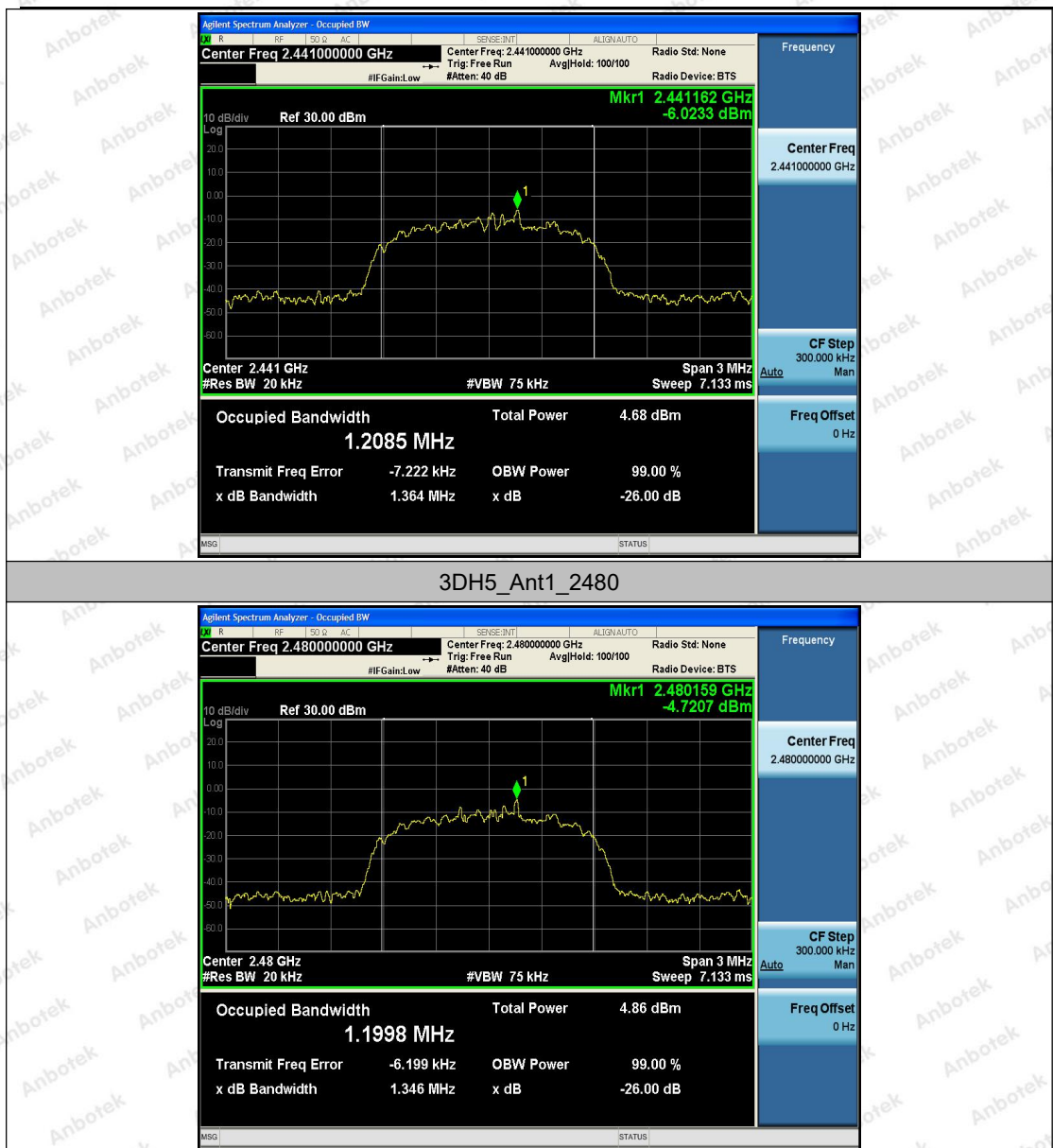
## 3DH5\_Ant1\_2441

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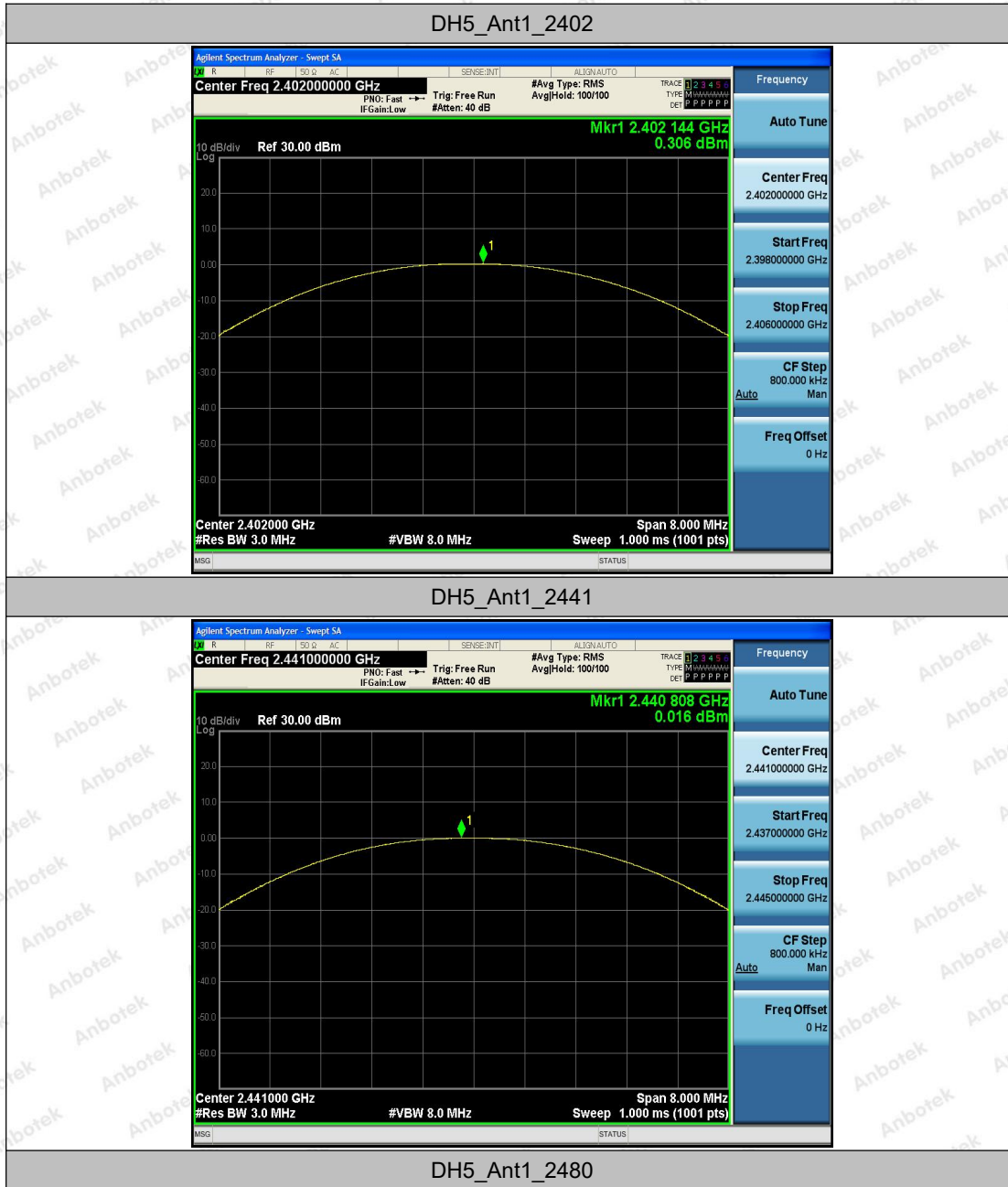
## Appendix C: Maximum conducted output power

### Test Result

| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH5      | Ant1    | 2402    | 0.31        | ≤20.97     | PASS    |
|          |         | 2441    | 0.02        | ≤20.97     | PASS    |
|          |         | 2480    | 0.64        | ≤20.97     | PASS    |
| 2DH5     | Ant1    | 2402    | -0.37       | ≤20.97     | PASS    |
|          |         | 2441    | -0.61       | ≤20.97     | PASS    |
|          |         | 2480    | -0.06       | ≤20.97     | PASS    |
| 3DH5     | Ant1    | 2402    | -0.27       | ≤20.97     | PASS    |
|          |         | 2441    | -0.5        | ≤20.97     | PASS    |
|          |         | 2480    | -0.32       | ≤20.97     | PASS    |



## Test Graphs

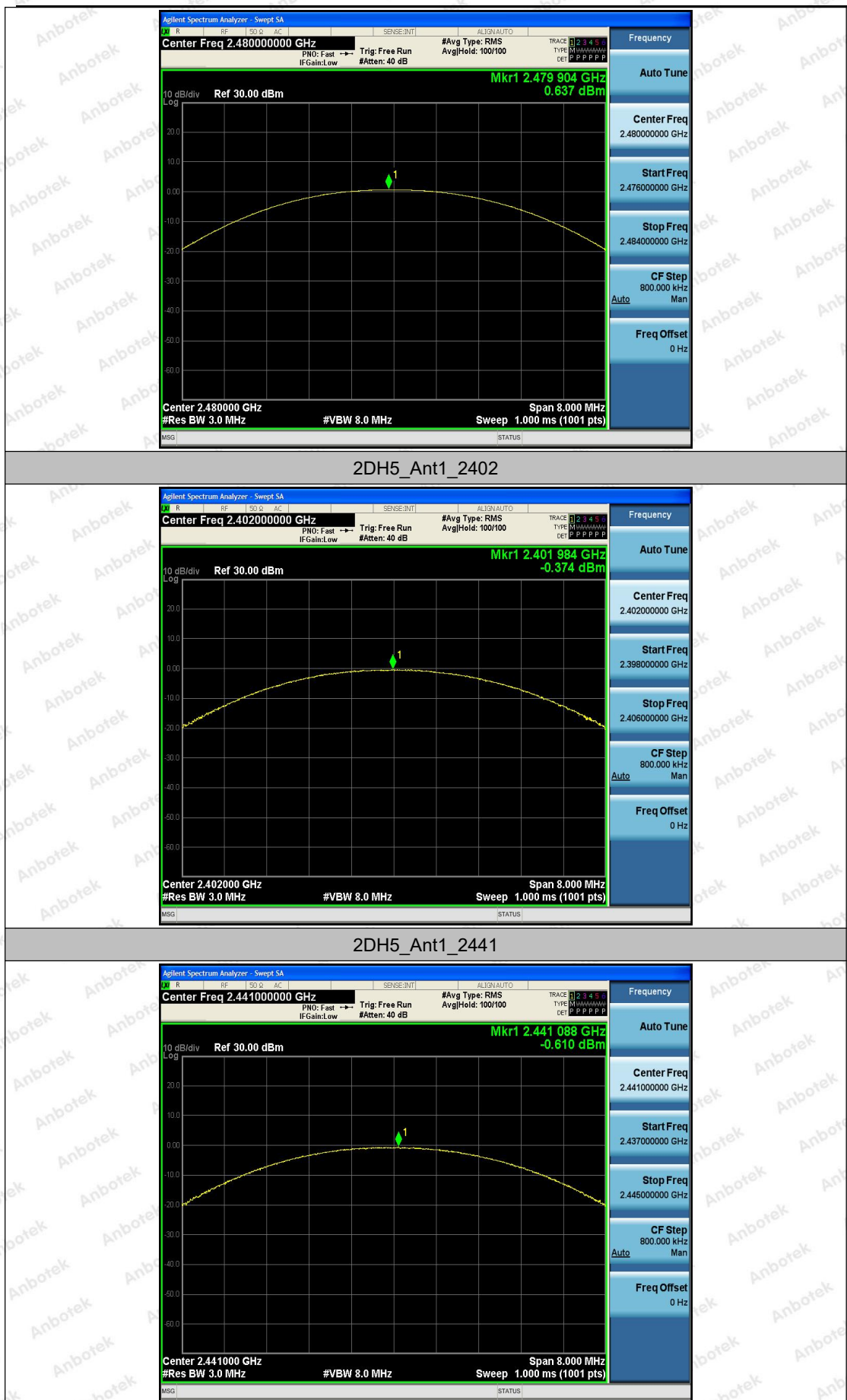


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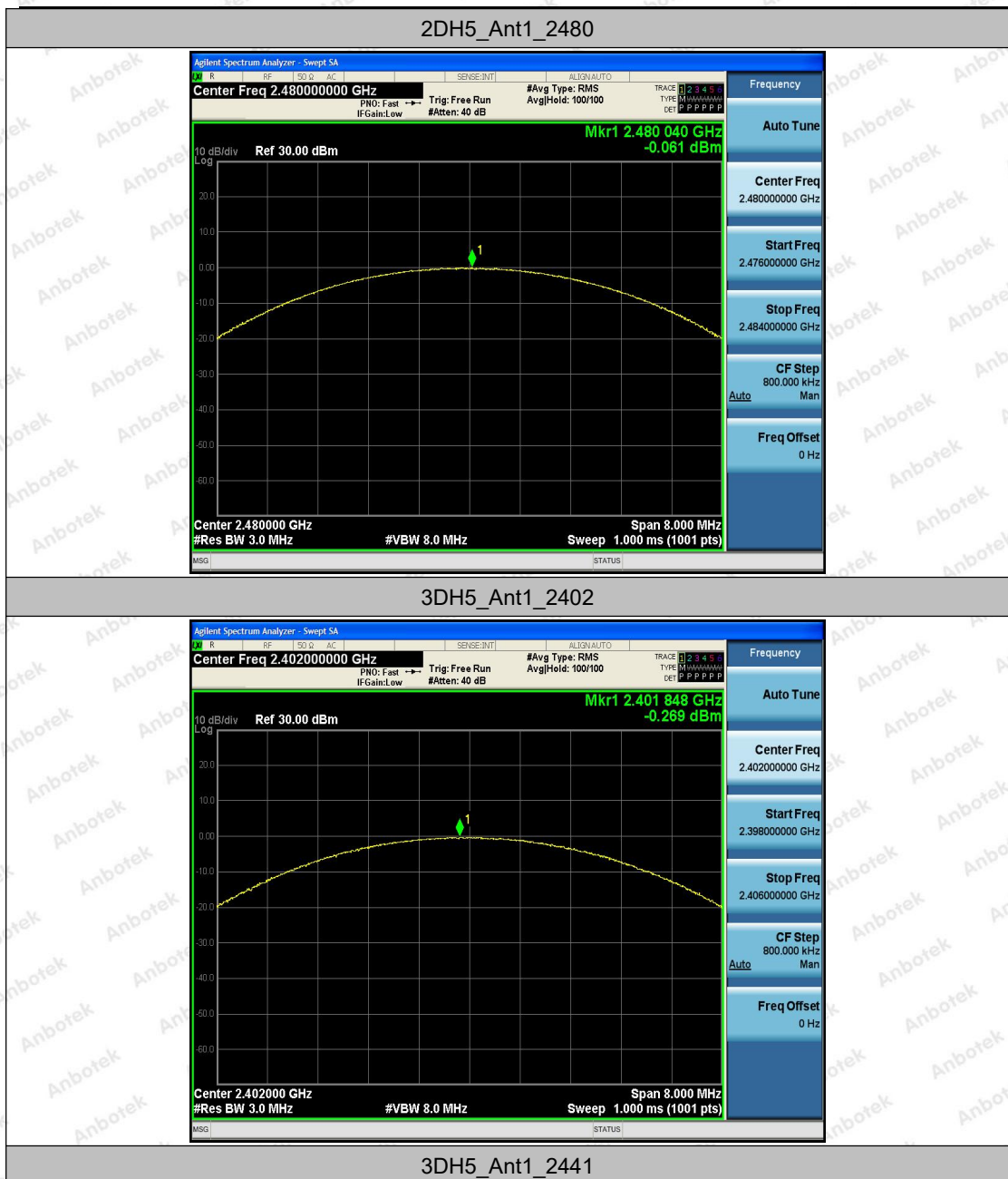


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## Appendix D: Carrier frequency separation

### Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH5      | Ant1    | Hop     | 1.04        | $\geq 0.948$ | PASS    |
| 2DH5     | Ant1    | Hop     | 0.958       | $\geq 0.884$ | PASS    |
| 3DH5     | Ant1    | Hop     | 0.932       | $\geq 0.874$ | PASS    |







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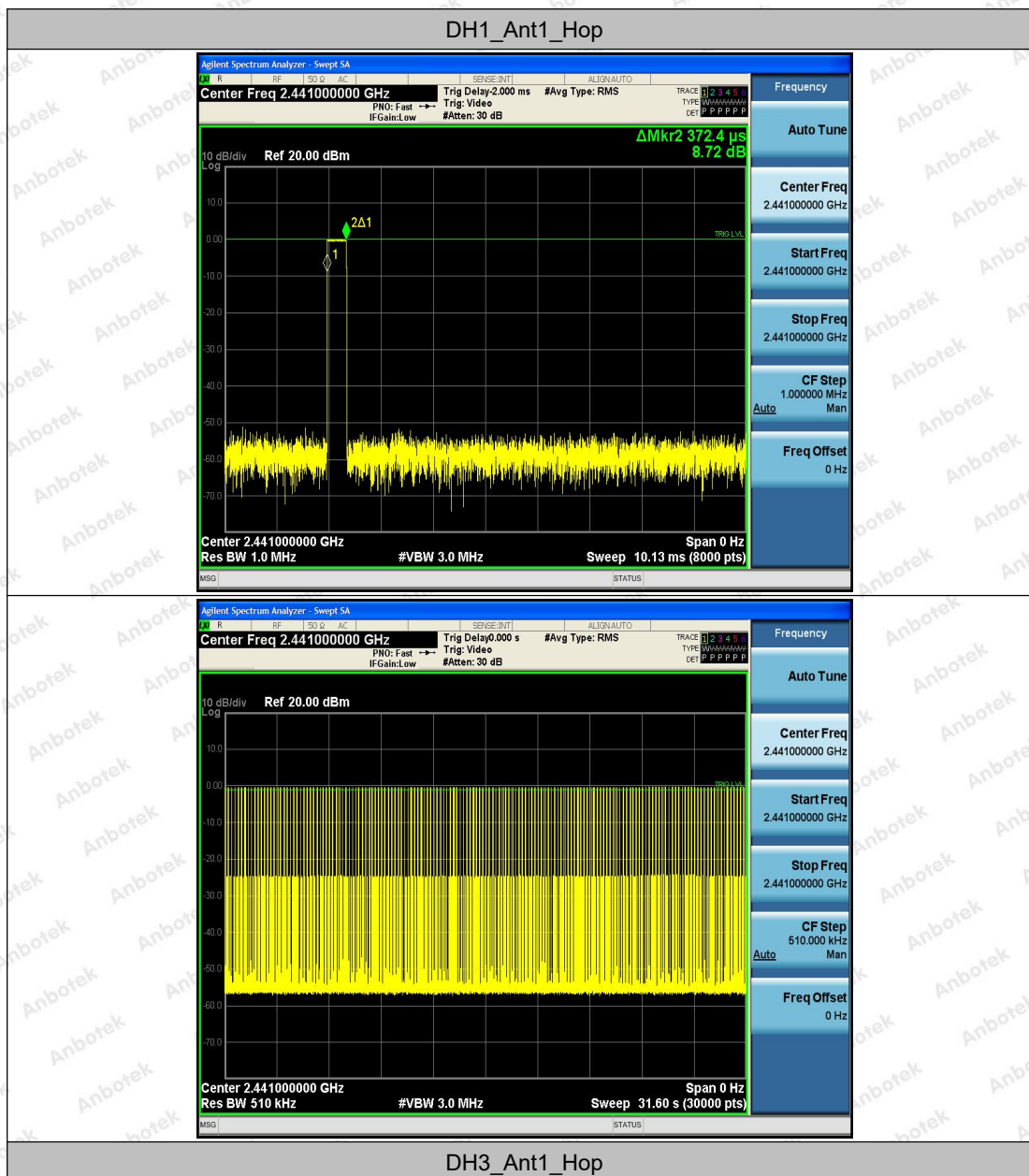
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## Appendix E: Time of occupancy

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop     | 0.37               | 313                | 0.117     | ≤0.4     | PASS    |
| DH3      | Ant1    | Hop     | 1.63               | 158                | 0.257     | ≤0.4     | PASS    |
| DH5      | Ant1    | Hop     | 2.88               | 93                 | 0.268     | ≤0.4     | PASS    |
| 2DH1     | Ant1    | Hop     | 0.38               | 314                | 0.119     | ≤0.4     | PASS    |
| 2DH3     | Ant1    | Hop     | 1.63               | 157                | 0.256     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop     | 2.88               | 109                | 0.314     | ≤0.4     | PASS    |
| 3DH1     | Ant1    | Hop     | 0.38               | 315                | 0.12      | ≤0.4     | PASS    |
| 3DH3     | Ant1    | Hop     | 1.63               | 157                | 0.256     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop     | 2.88               | 106                | 0.305     | ≤0.4     | PASS    |

## Test Graphs



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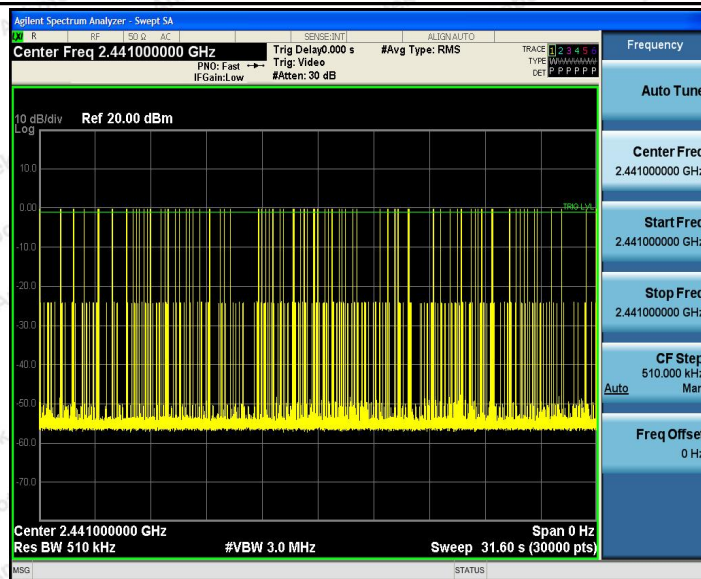
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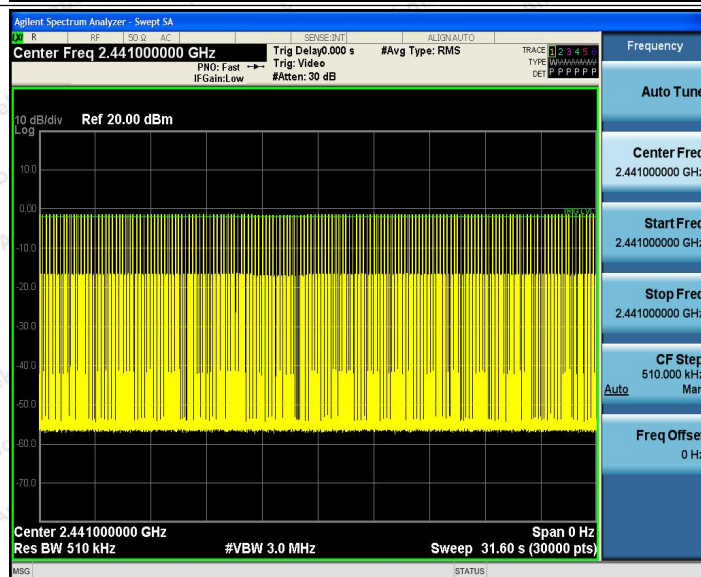
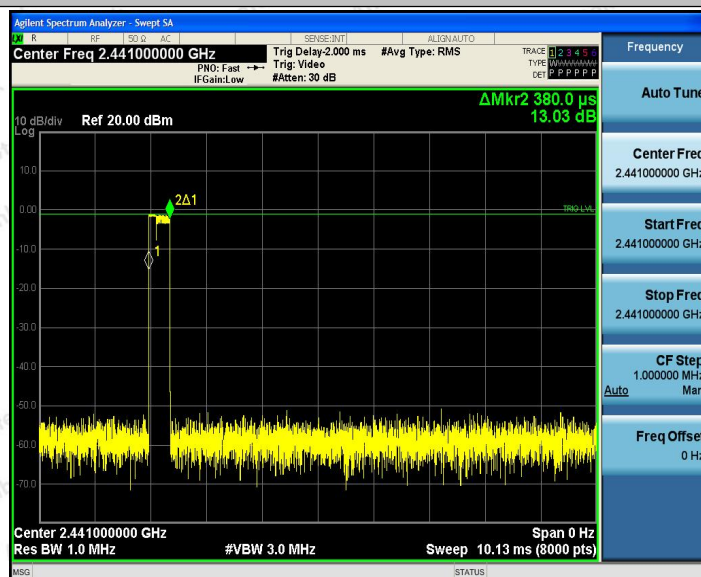




DH5\_Ant1\_Hop



2DH1\_Ant1\_Hop



2DH3\_Ant1\_Hop

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