

# TEST REPORT

Report No.: MTi250804027-0104E1



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### Appendix C: Carrier frequency separation

#### Test Result

| Test Mode | Antenna | Frequency [MHz] | Result [MHz] | Limit [MHz]  | Verdict |
|-----------|---------|-----------------|--------------|--------------|---------|
| DH5       | Ant1    | Hop             | 0.97         | $\geq 0.638$ | PASS    |
| 2DH5      | Ant1    | Hop             | 0.992        | $\geq 0.904$ | PASS    |
| 3DH5      | Ant1    | Hop             | 1.16         | $\geq 0.878$ | PASS    |

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## Test Graphs



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### Appendix D: Time of occupancy

#### Test Result

| Test Mode | Antenna | Frequency [MHz] | BurstWidth [ms] | Hops in 31.6s [Num] | Result [s] | Limit [s] | Verdict |
|-----------|---------|-----------------|-----------------|---------------------|------------|-----------|---------|
| DH1       | Ant1    | Hop             | 0.404           | 313                 | 0.126      | ≤0.4      | PASS    |
| DH3       | Ant1    | Hop             | 1.659           | 162                 | 0.269      | ≤0.4      | PASS    |
| DH5       | Ant1    | Hop             | 2.989           | 122                 | 0.365      | ≤0.4      | PASS    |
| 2DH1      | Ant1    | Hop             | 0.417           | 317                 | 0.132      | ≤0.4      | PASS    |
| 2DH3      | Ant1    | Hop             | 1.659           | 167                 | 0.277      | ≤0.4      | PASS    |
| 2DH5      | Ant1    | Hop             | 2.913           | 112                 | 0.326      | ≤0.4      | PASS    |
| 3DH1      | Ant1    | Hop             | 0.423           | 315                 | 0.133      | ≤0.4      | PASS    |
| 3DH3      | Ant1    | Hop             | 1.656           | 163                 | 0.270      | ≤0.4      | PASS    |
| 3DH5      | Ant1    | Hop             | 2.921           | 102                 | 0.298      | ≤0.4      | PASS    |

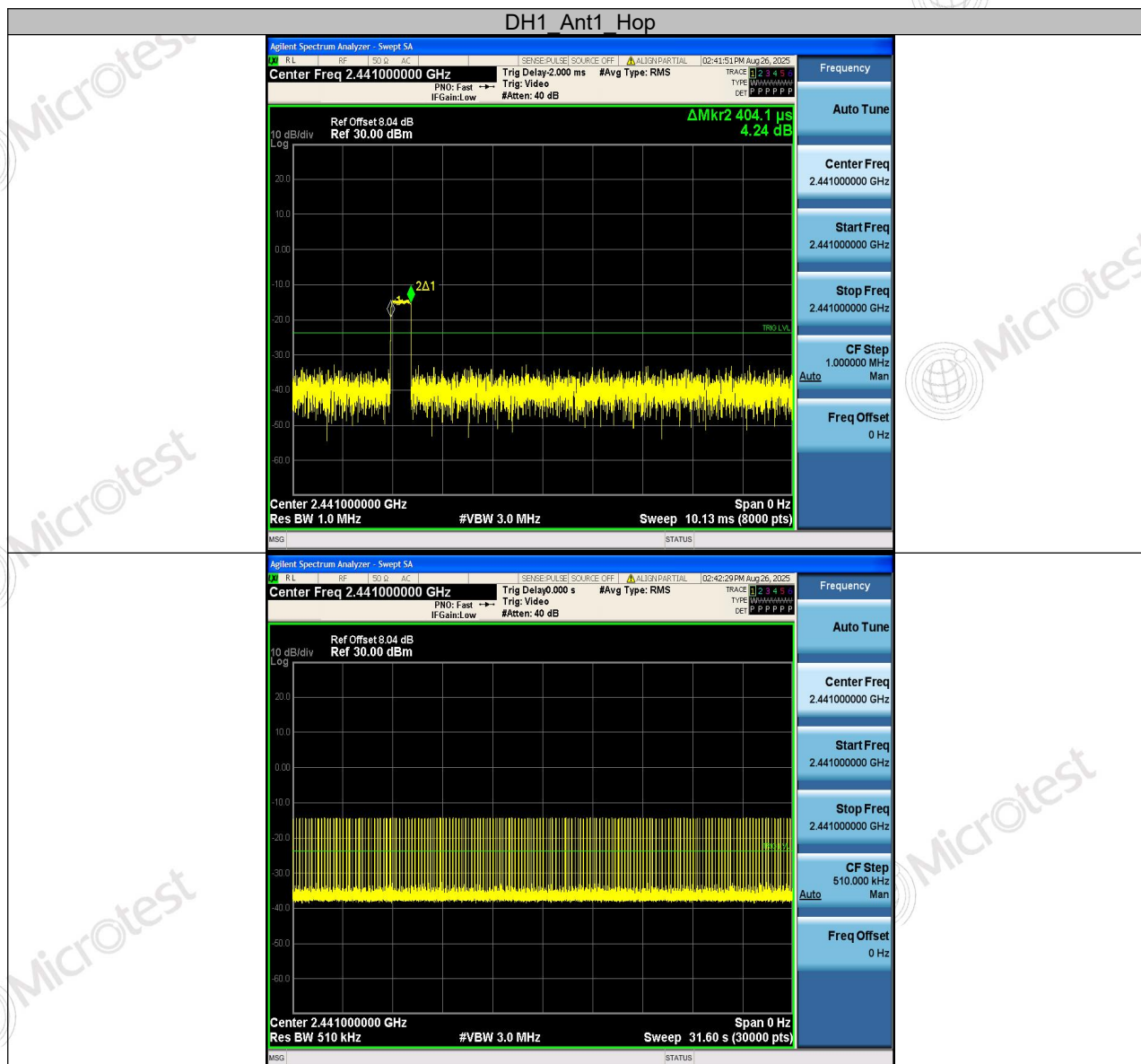
#### Notes:

1. Period time =  $0.4s * 79 = 31.6s$
2. Result (Time of occupancy) = BurstWidth[ms] \* Hops in 31.6s [Num]

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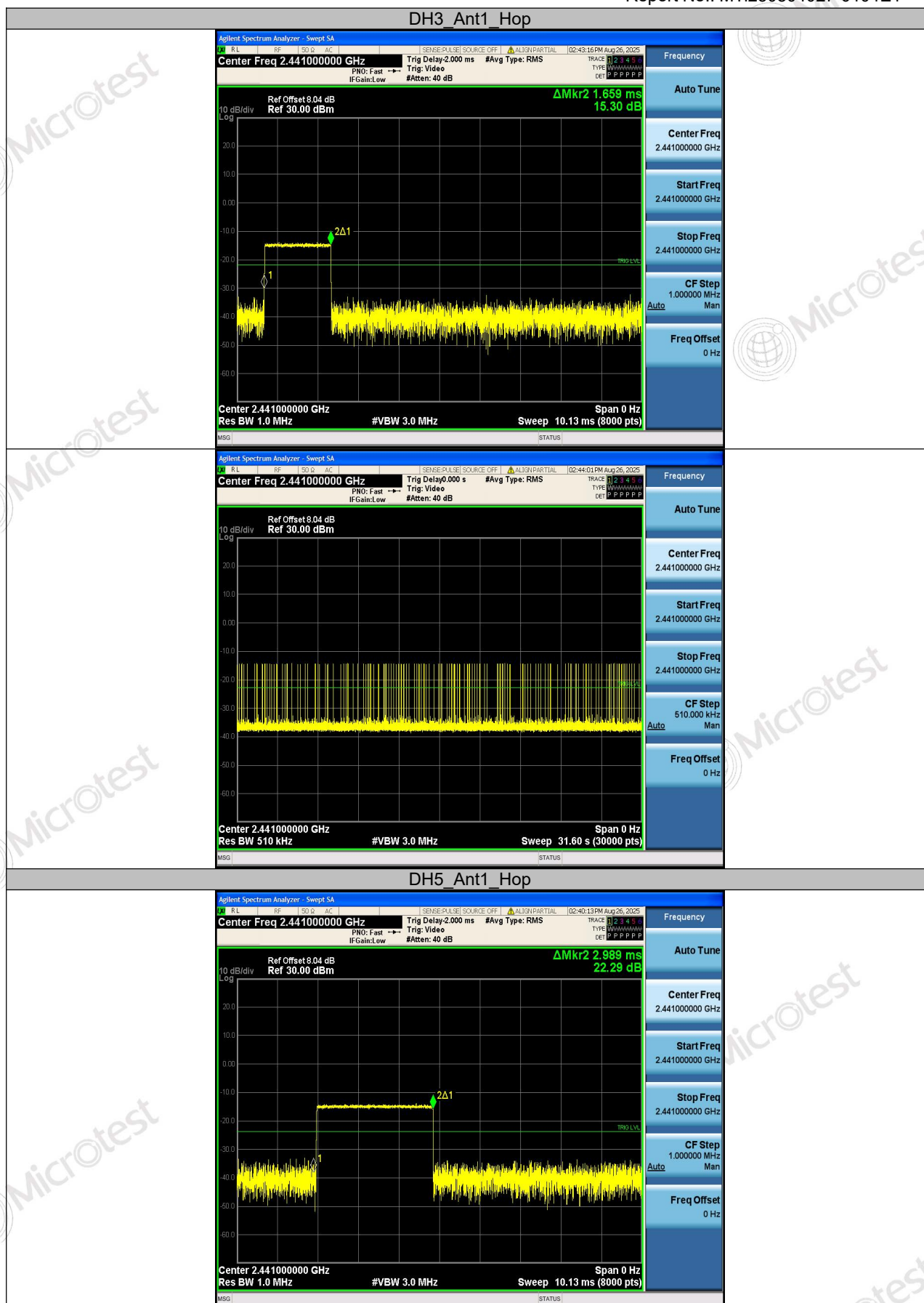
## Test Graphs





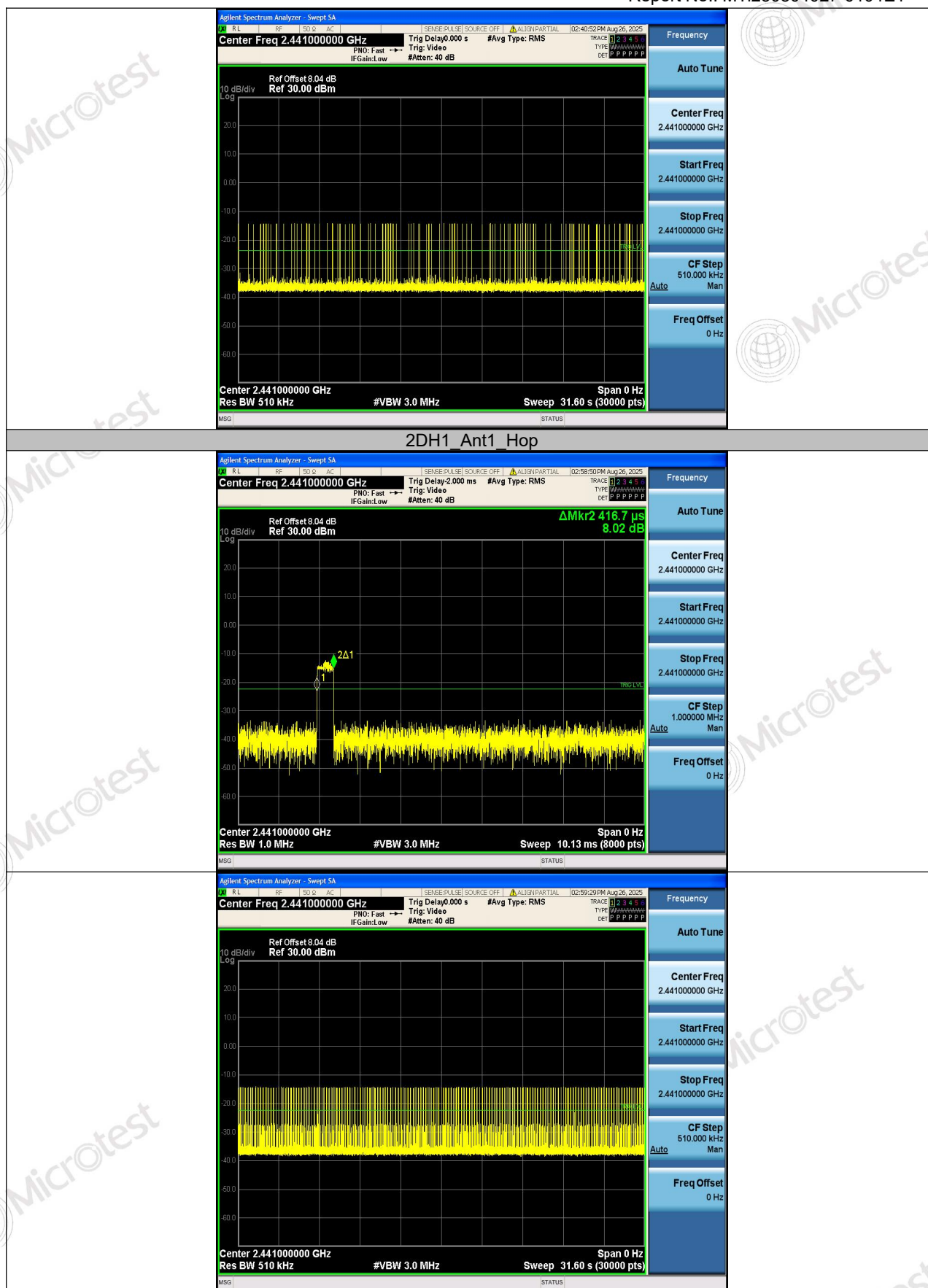
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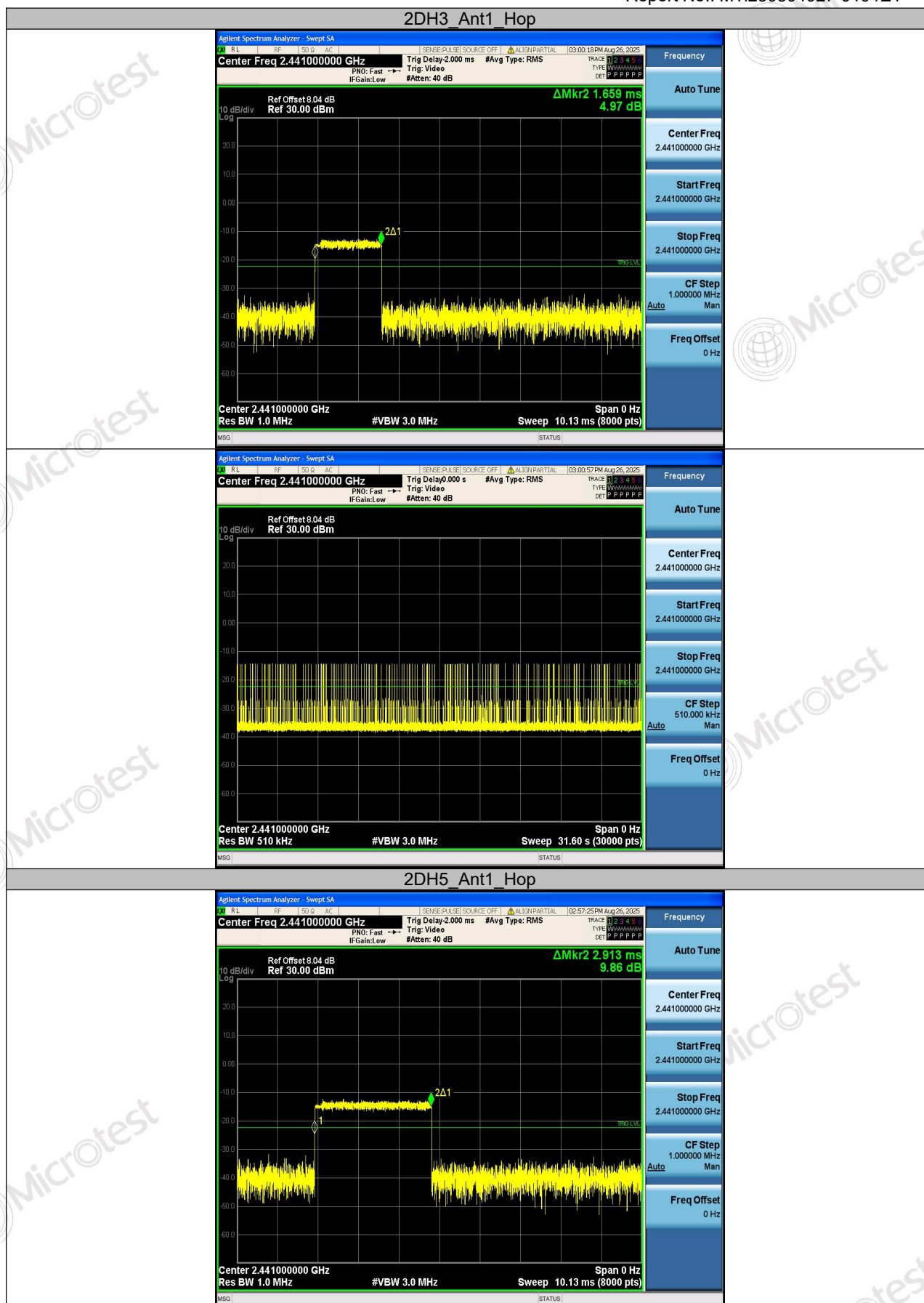
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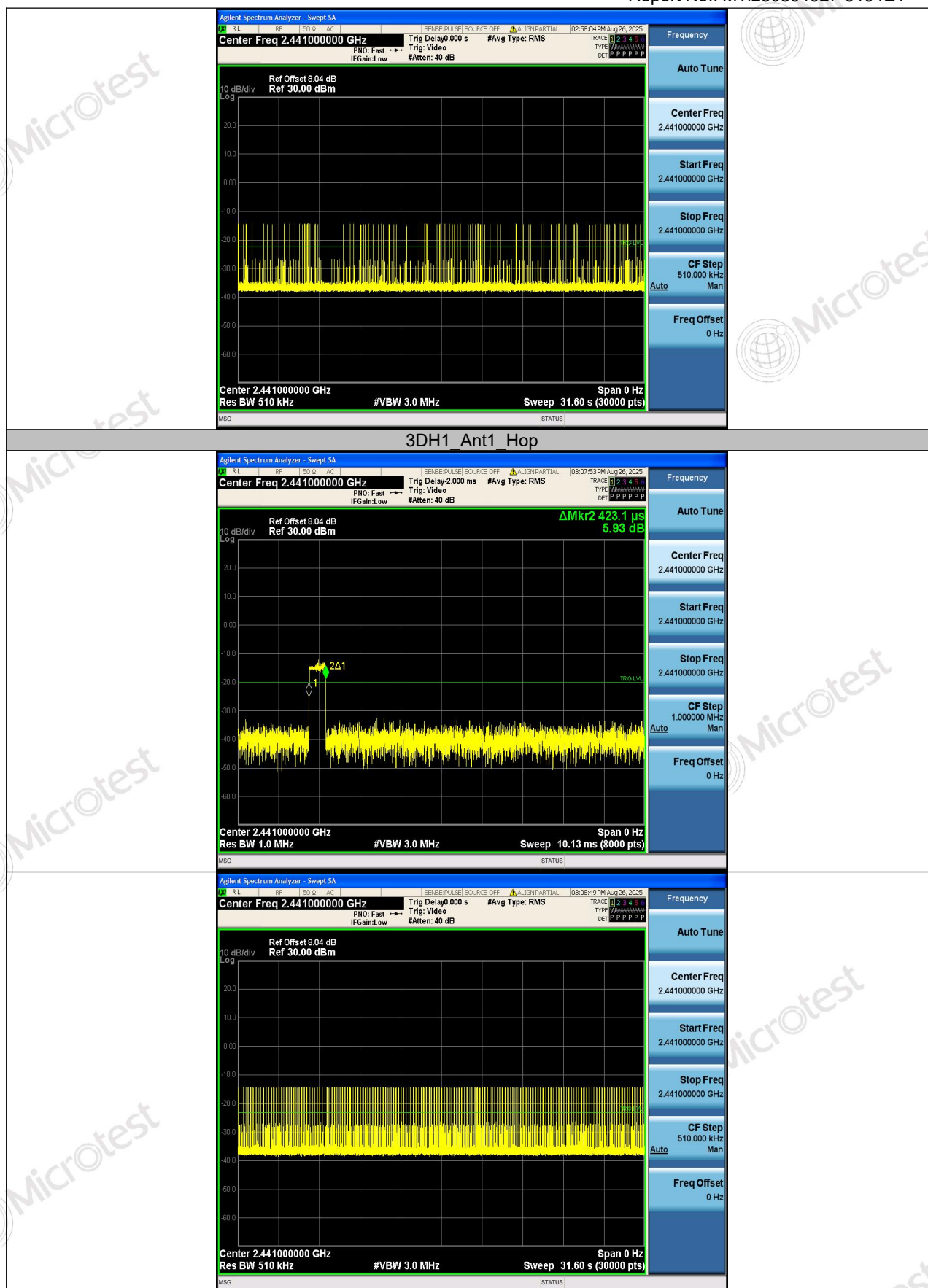
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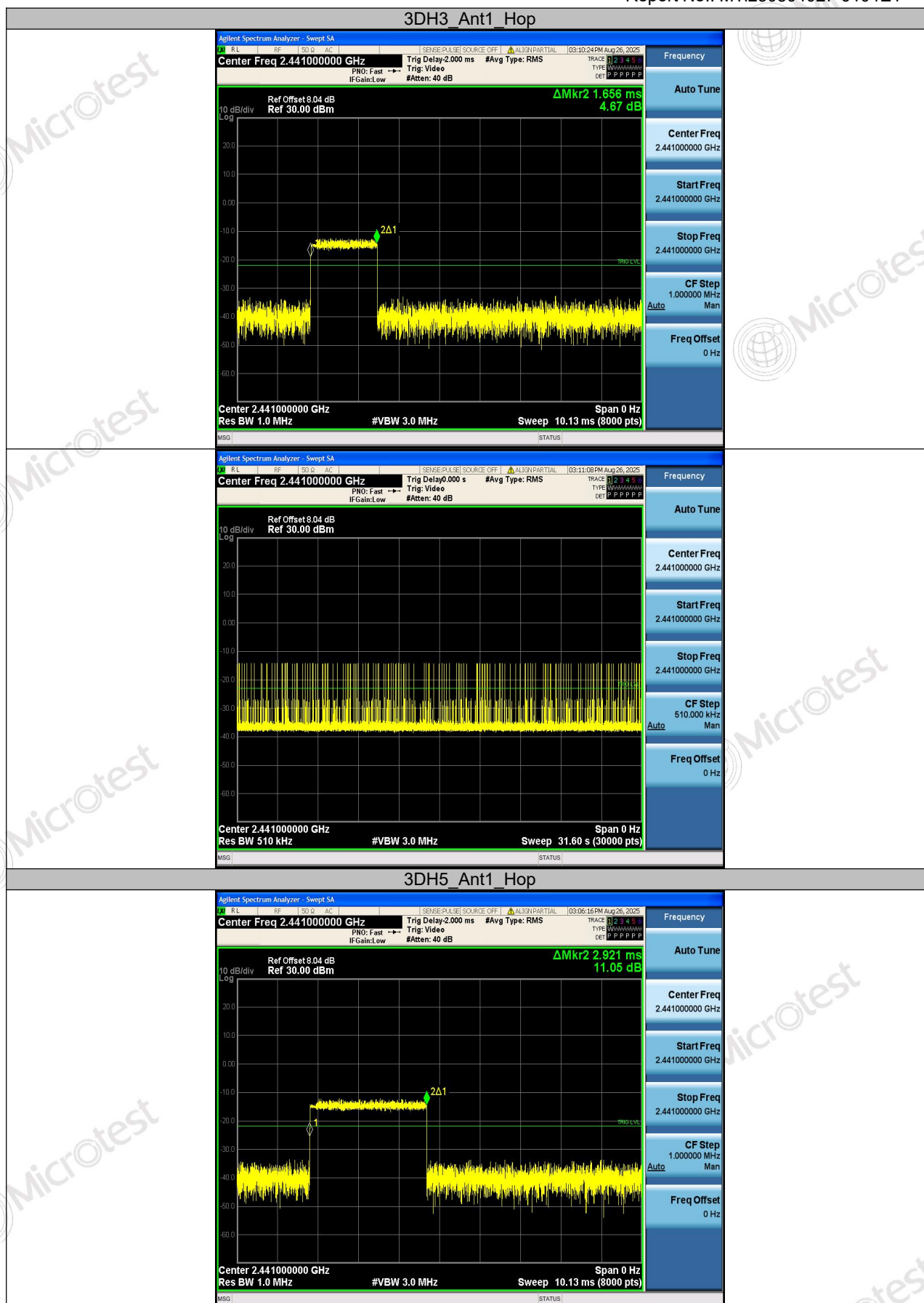
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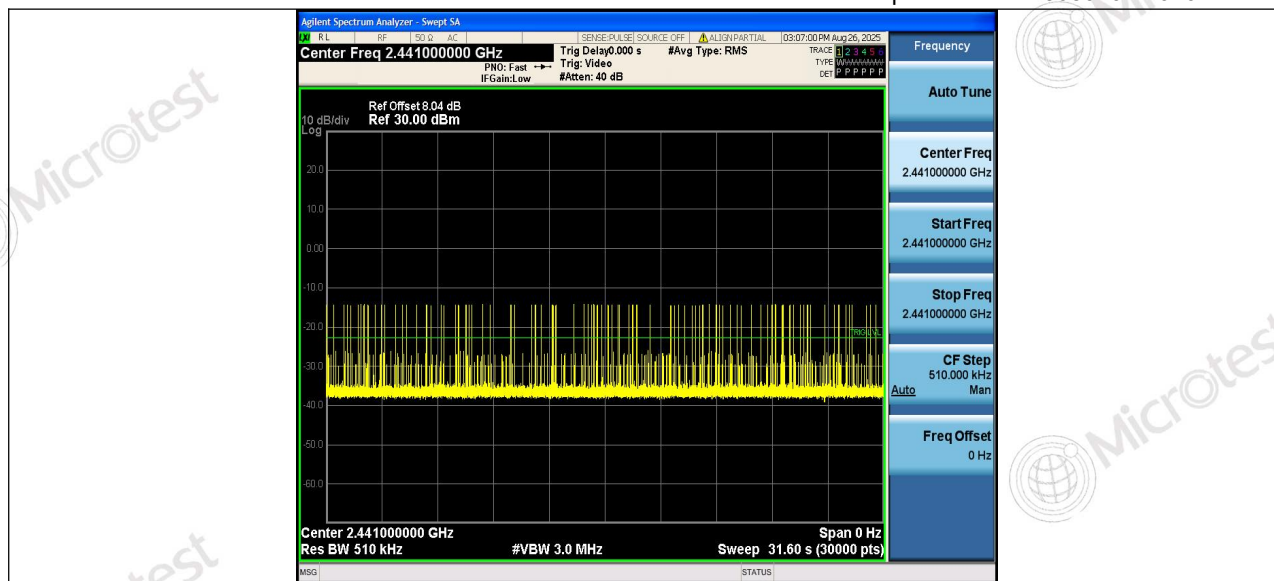
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### Appendix E: Number of hopping channels

#### Test Result

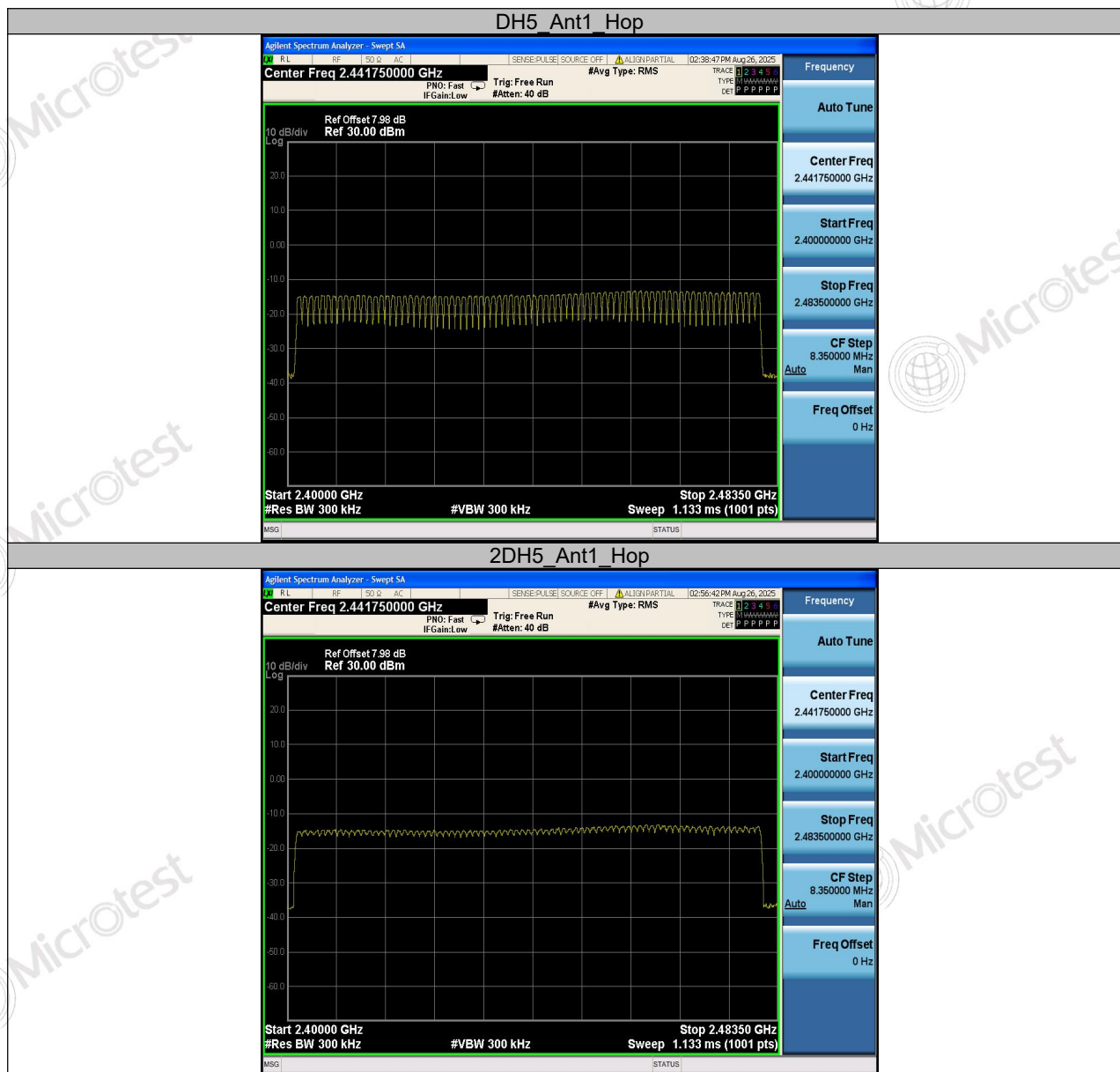
| Test Mode | Antenna | Frequency [MHz] | Result [Num] | Limit [Num] | Verdict |
|-----------|---------|-----------------|--------------|-------------|---------|
| DH5       | Ant1    | Hop             | 79           | ≥15         | PASS    |
| 2DH5      | Ant1    | Hop             | 79           | ≥15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



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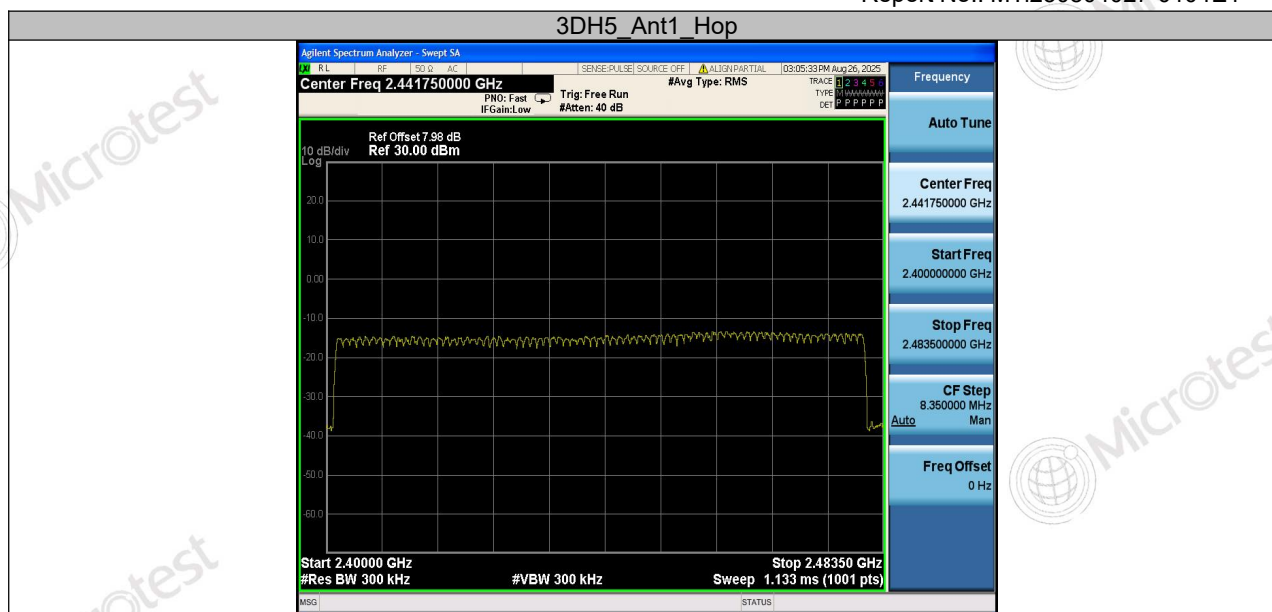
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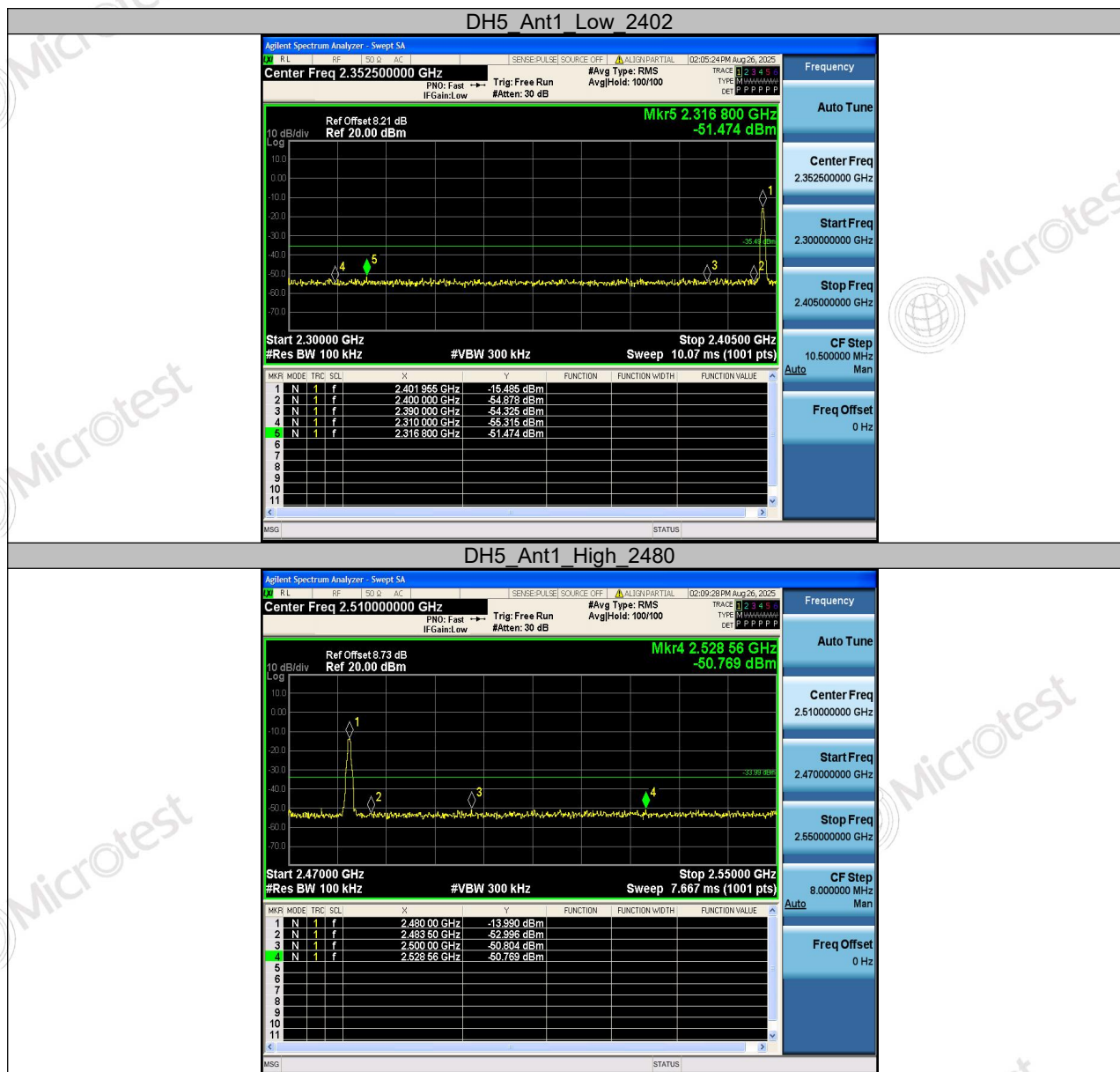


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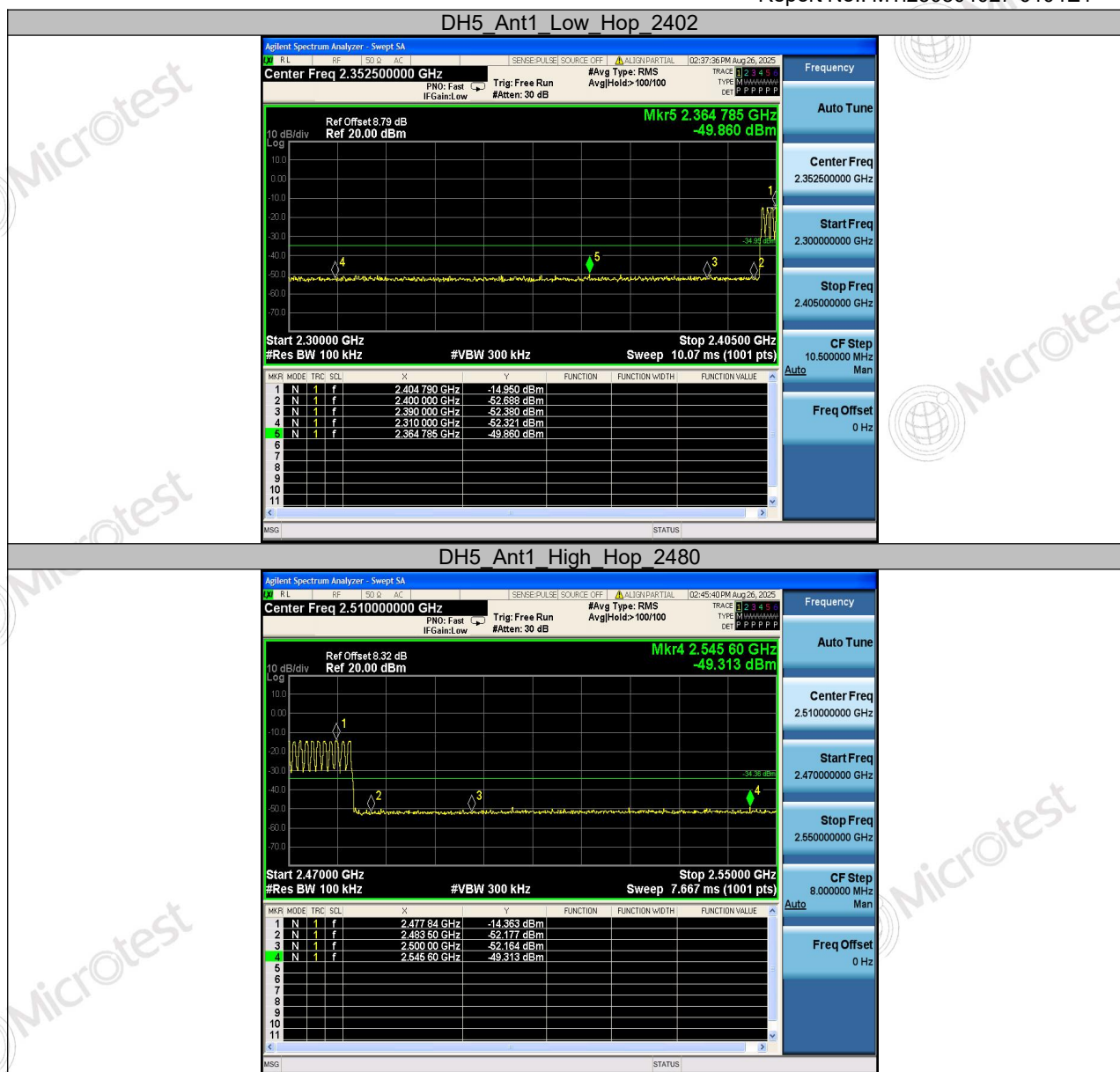
## Appendix F: Band edge measurements

### Test Graphs



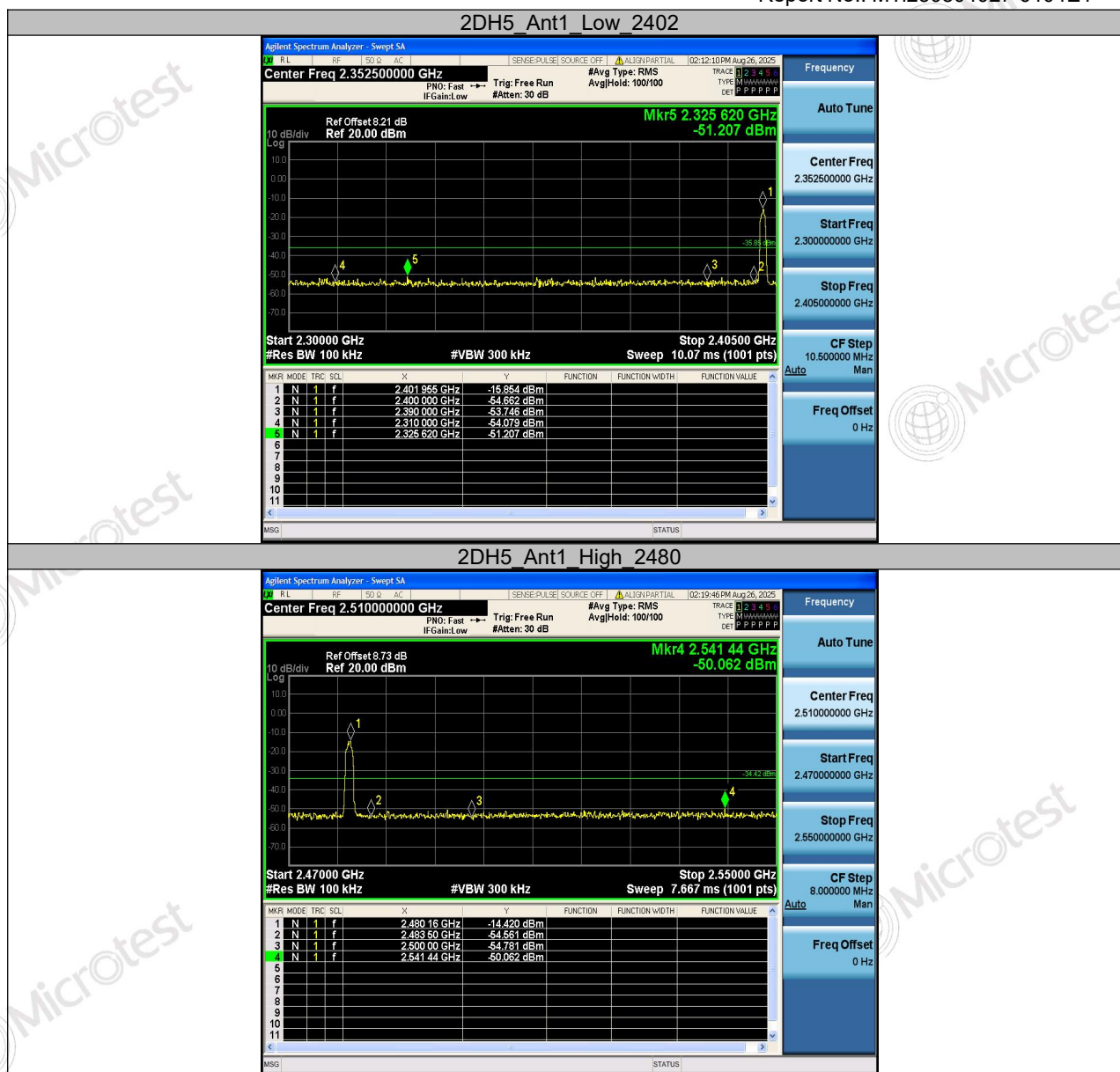
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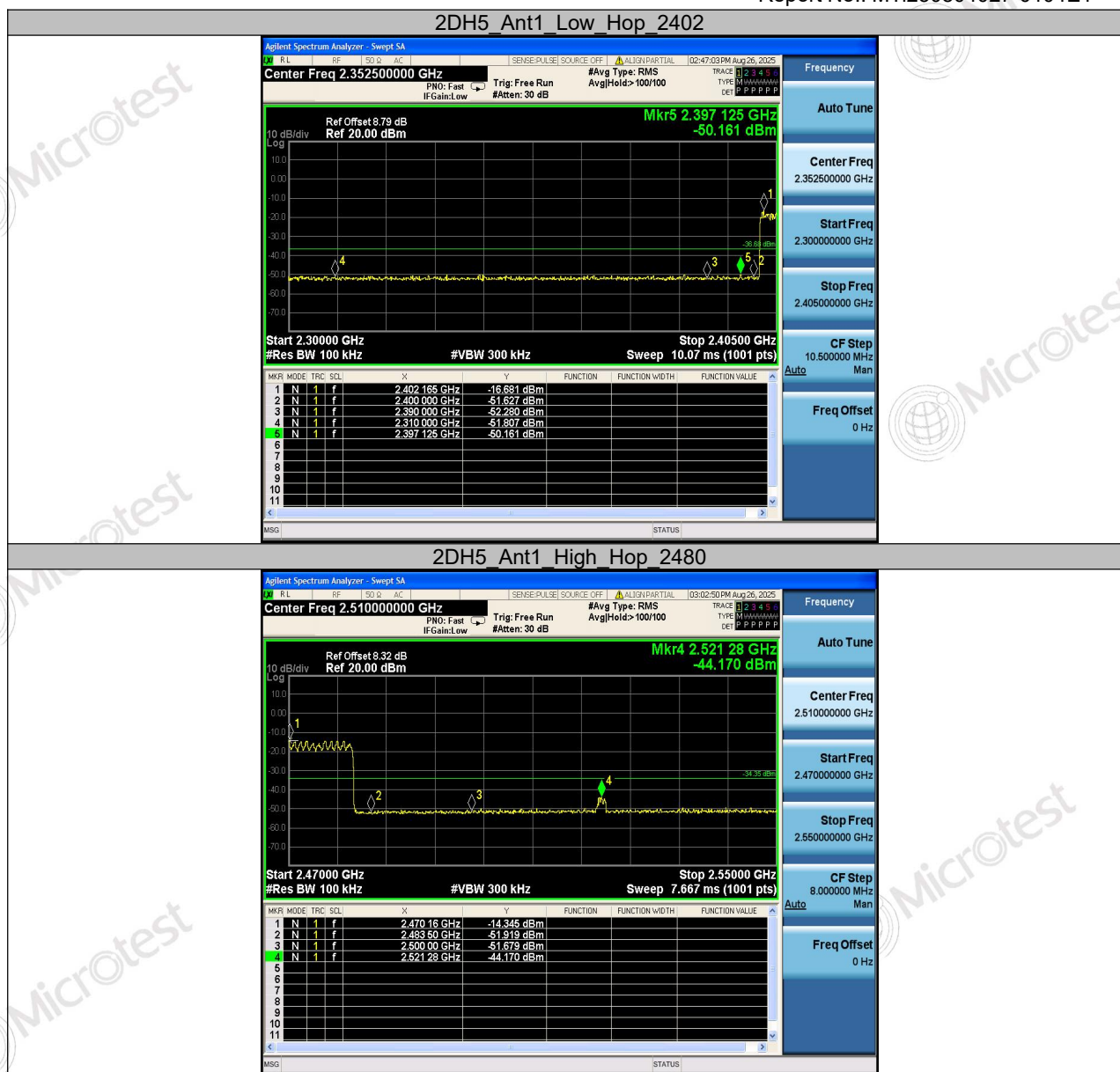
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