

## Appendix: BT Classic

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Appendix A: 20dB Emission Bandwidth

Test Result

| Test Mode | Antenna | Channel | 20db<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|------------------|----------|----------|------------|---------|
| DH5       | Ant1    | 2402    | 1.035            | 2401.400 | 2402.435 | ---        | PASS    |
|           |         | 2441    | 1.038            | 2440.397 | 2441.435 | ---        | PASS    |
|           |         | 2480    | 1.068            | 2479.367 | 2480.435 | ---        | PASS    |
| 2DH5      | Ant1    | 2402    | 1.335            | 2401.250 | 2402.585 | ---        | PASS    |
|           |         | 2441    | 1.356            | 2440.244 | 2441.600 | ---        | PASS    |
|           |         | 2480    | 1.338            | 2479.247 | 2480.585 | ---        | PASS    |

Test Graphs





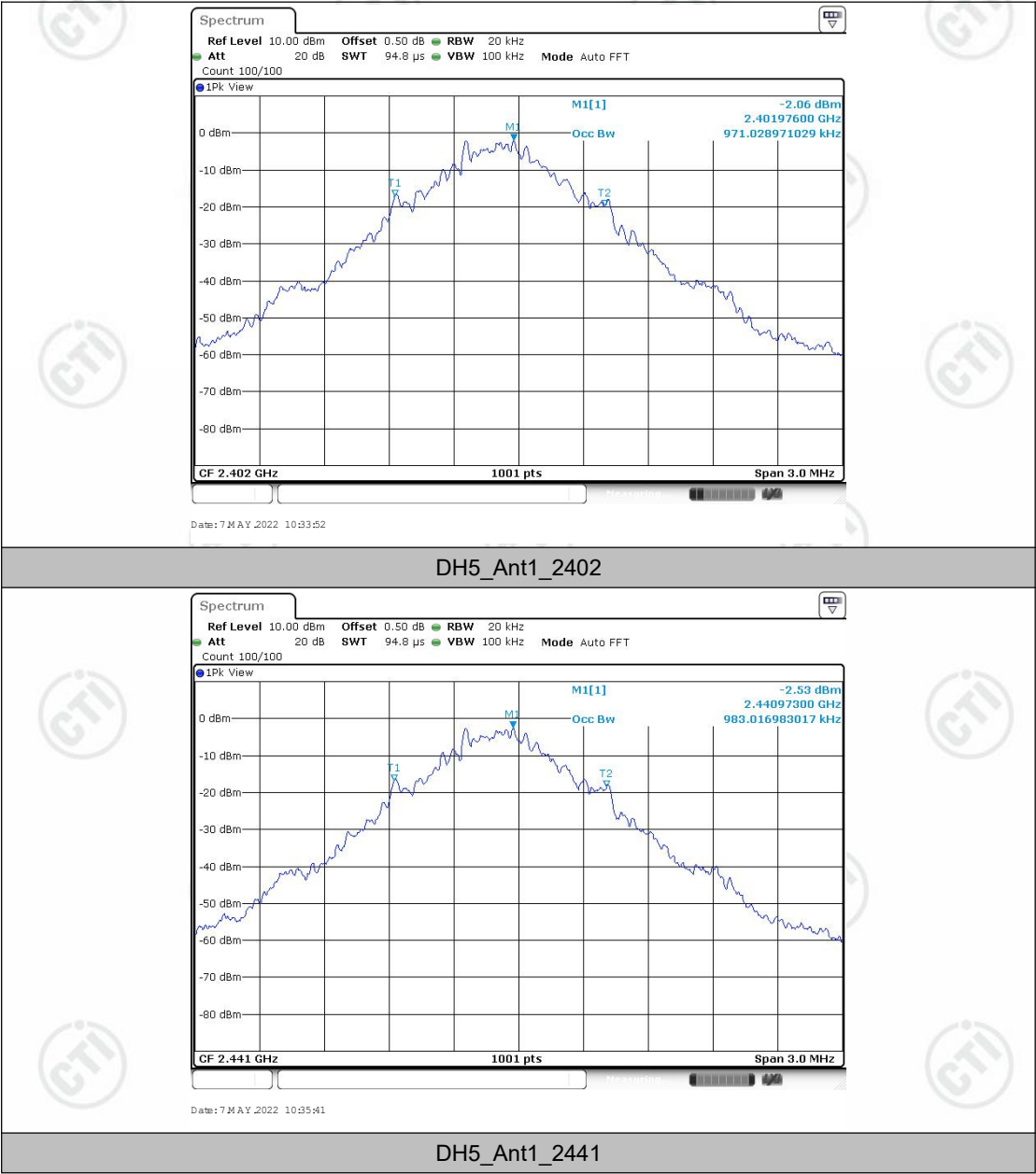


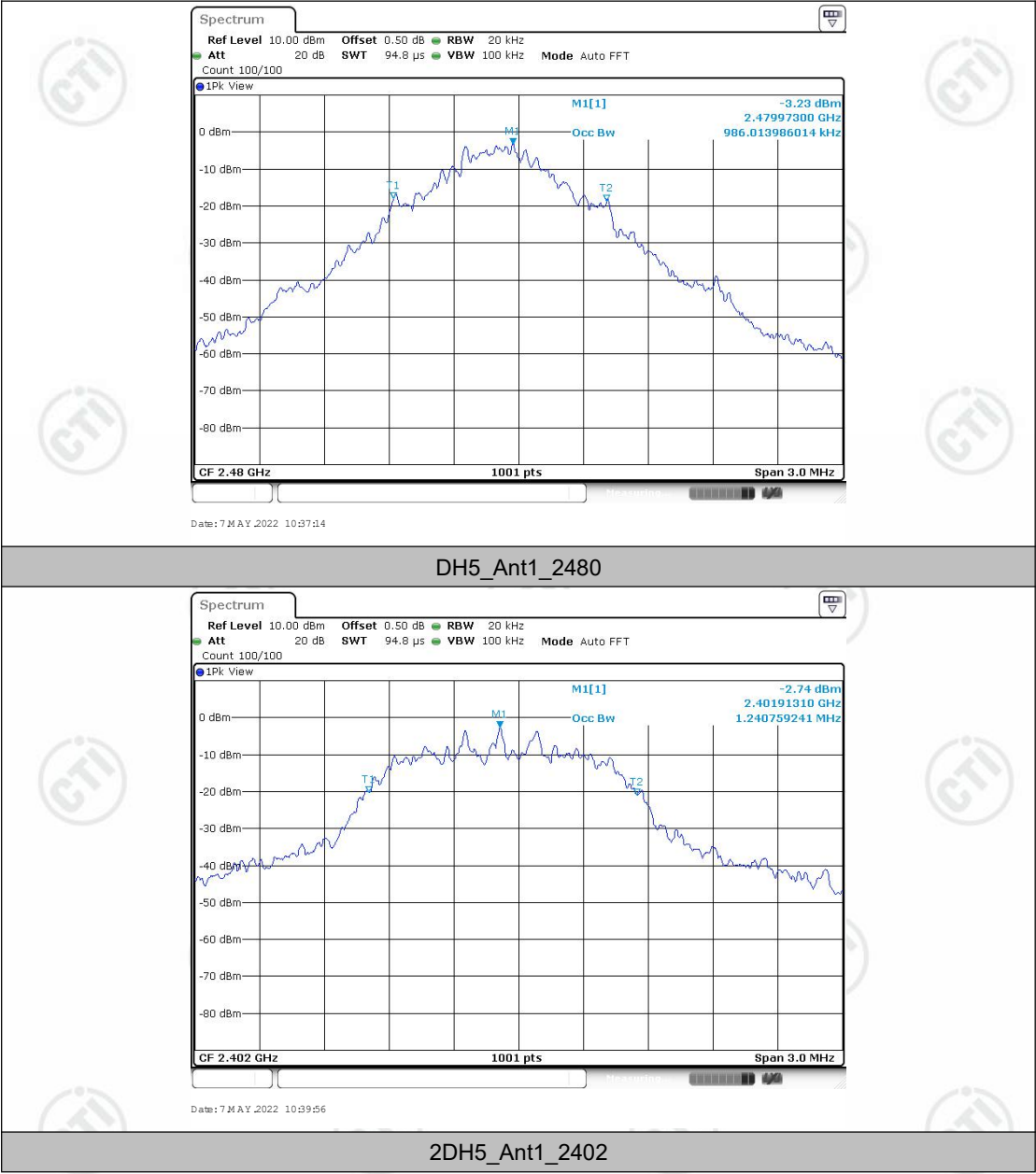
Appendix B: Occupied Channel Bandwidth

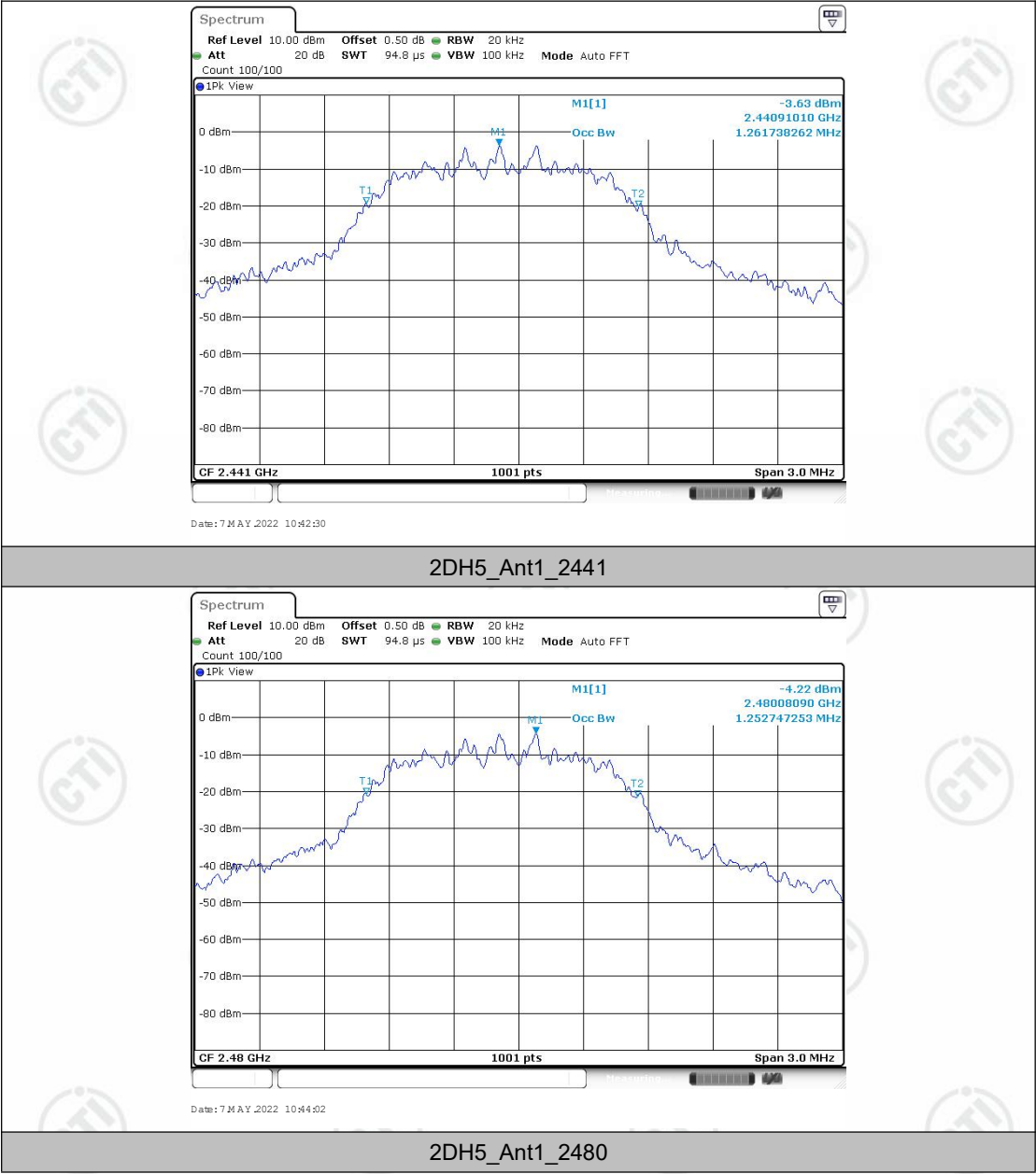
Test Result

| Test Mode | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| DH5       | Ant1    | 2402    | 0.971     | 2401.428 | 2402.399 | ---        | PASS    |
|           |         | 2441    | 0.983     | 2440.422 | 2441.405 | ---        | PASS    |
|           |         | 2480    | 0.986     | 2479.419 | 2480.405 | ---        | PASS    |
| 2DH5      | Ant1    | 2402    | 1.241     | 2401.305 | 2402.545 | ---        | PASS    |
|           |         | 2441    | 1.262     | 2440.293 | 2441.554 | ---        | PASS    |
|           |         | 2480    | 1.253     | 2479.296 | 2480.548 | ---        | PASS    |

Test Graphs





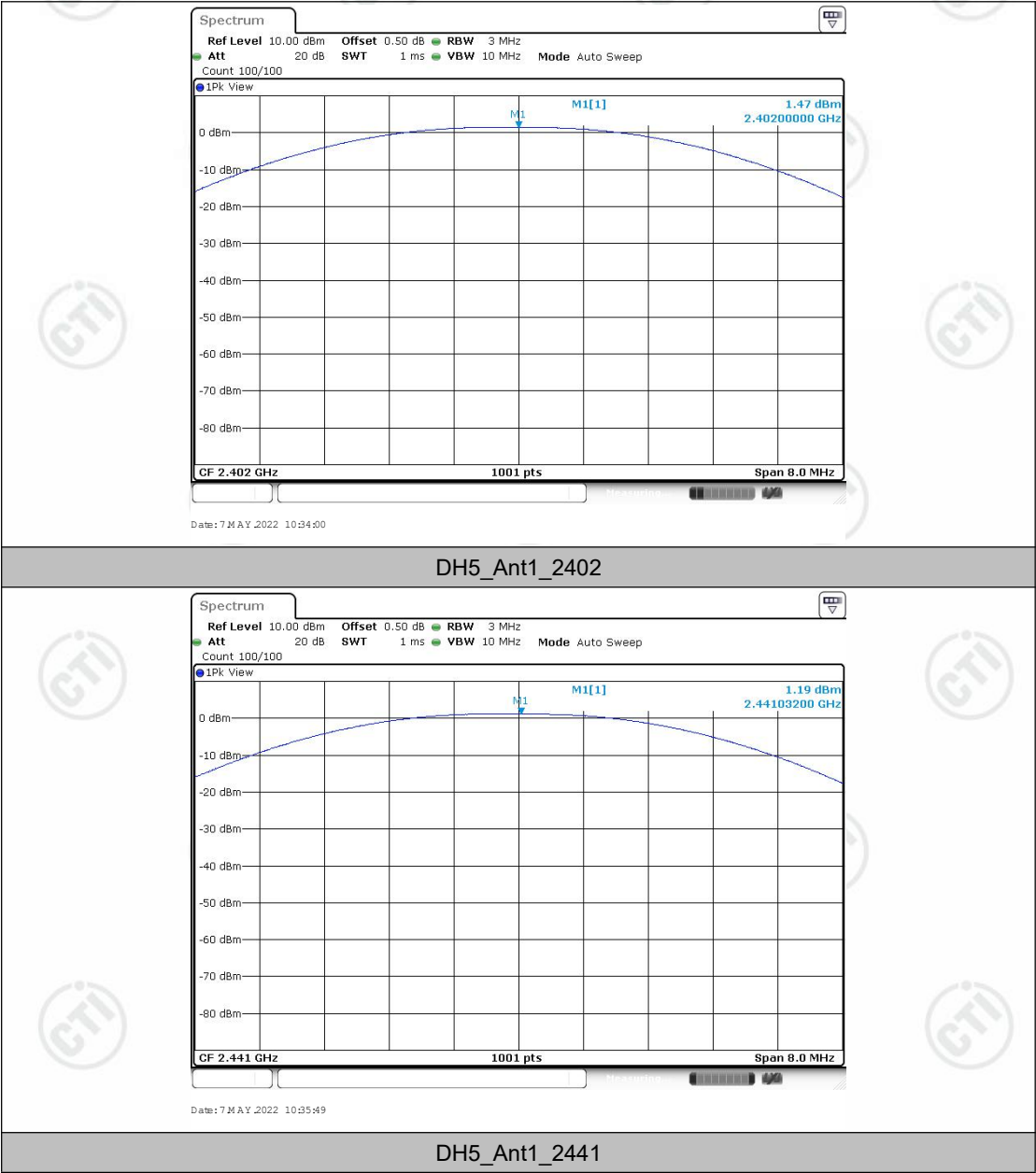


Appendix C: Maximum conducted output power

Test Result

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| DH5       | Ant1    | 2402    | 1.47        | <=20.97    | PASS    |
|           |         | 2441    | 1.19        | <=20.97    | PASS    |
|           |         | 2480    | 0.47        | <=20.97    | PASS    |
| 2DH5      | Ant1    | 2402    | 2.13        | <=20.97    | PASS    |
|           |         | 2441    | 1.89        | <=20.97    | PASS    |
|           |         | 2480    | 1.24        | <=20.97    | PASS    |

Test Graphs





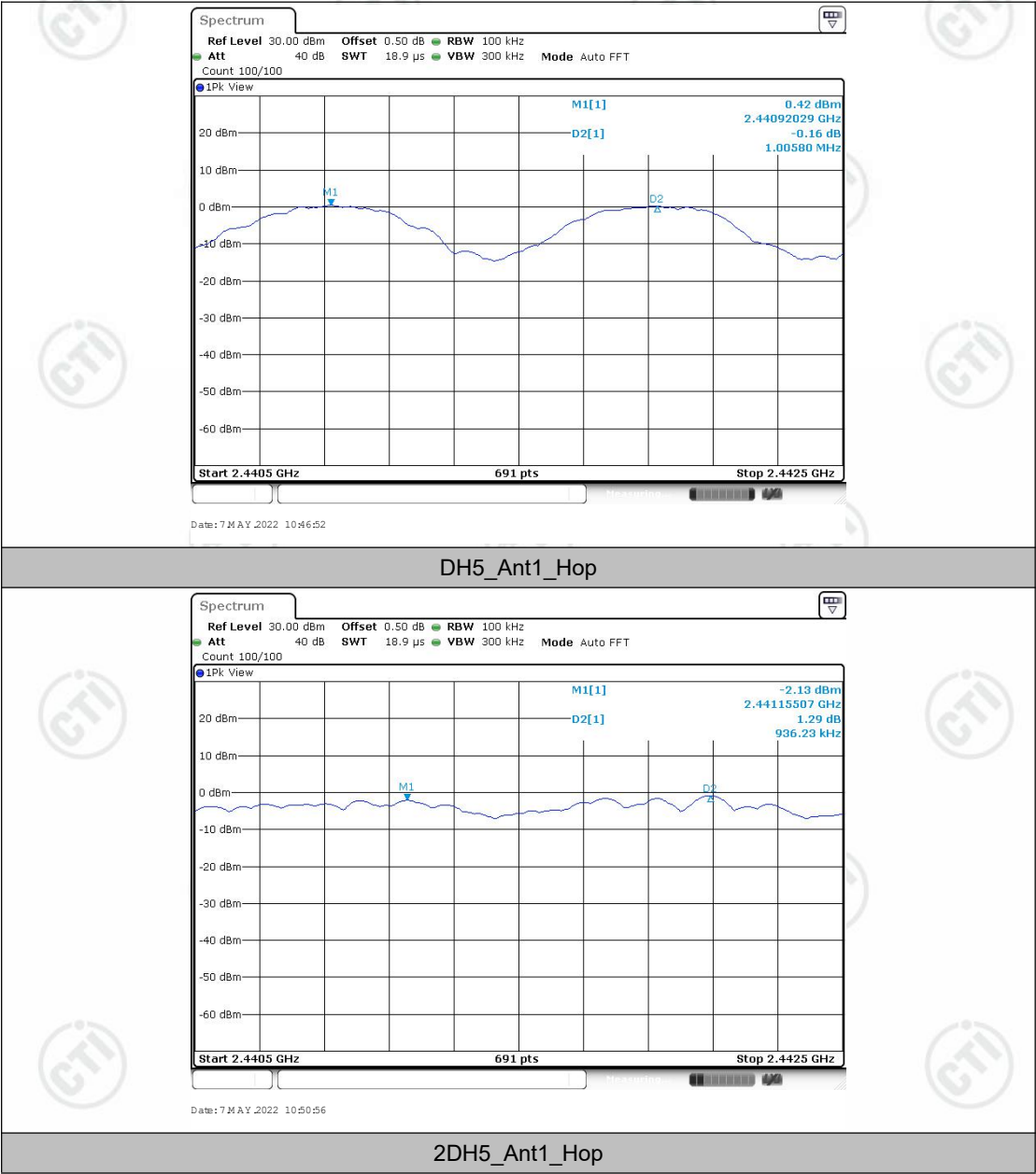


Appendix D: Carrier frequency separation

Test Result

| Test Mode | Antenna | Channel | Result[MHz] | Limit[MHz] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| DH5       | Ant1    | Hop     | 1.006       | >=0.712    | PASS    |
| 2DH5      | Ant1    | Hop     | 0.936       | >=0.904    | PASS    |

Test Graphs

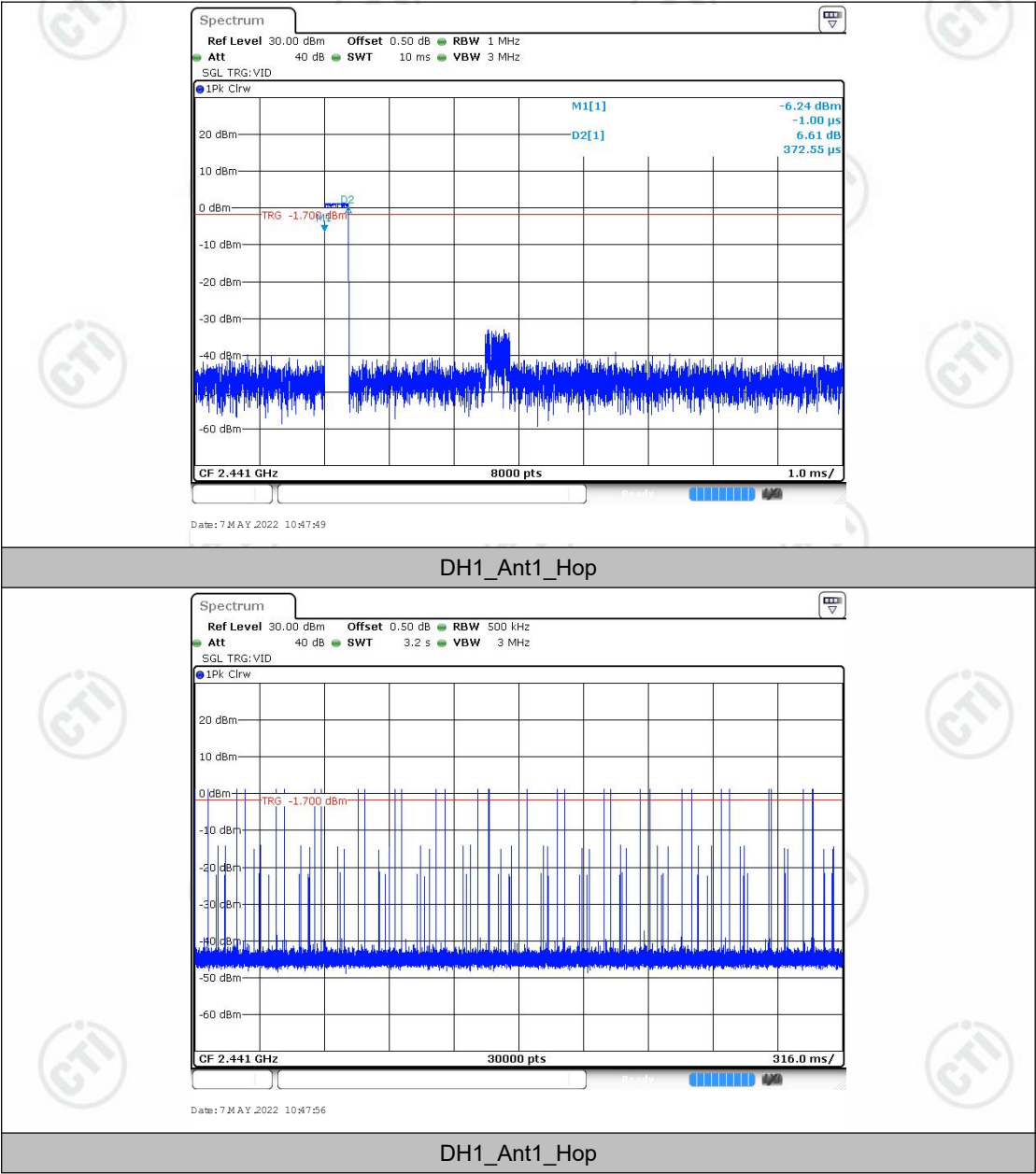


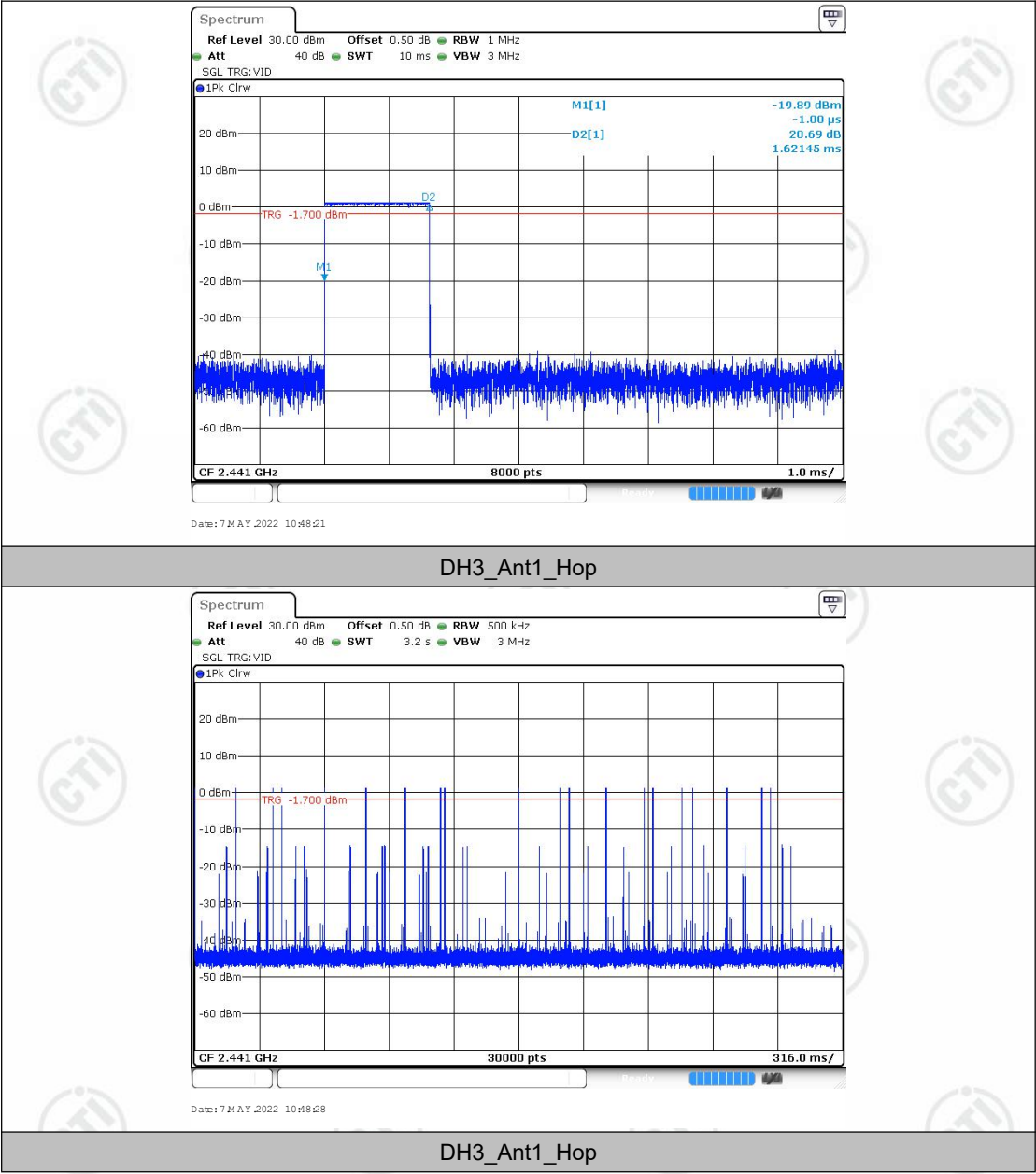
Appendix E: Time of occupancy

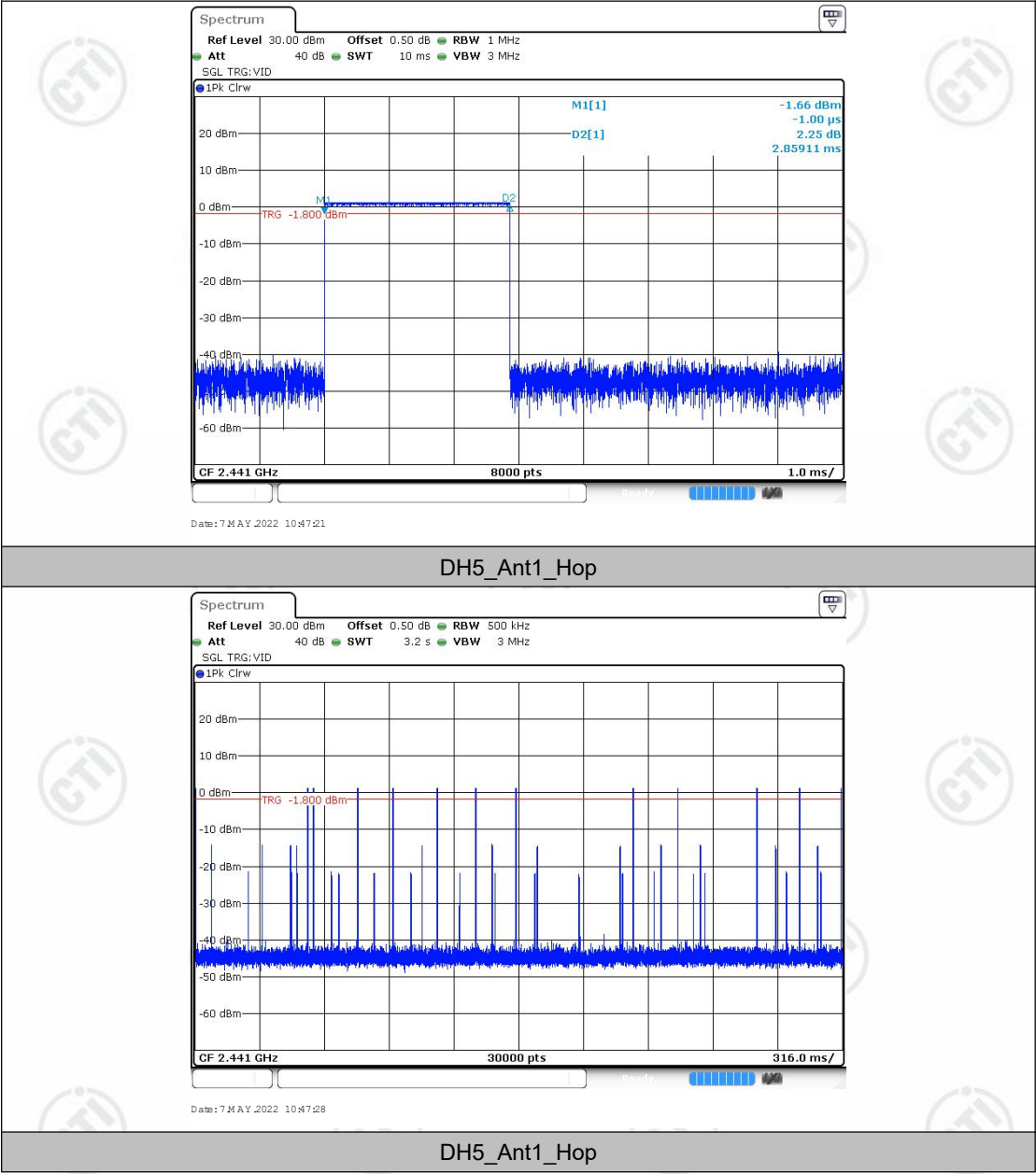
Test Result

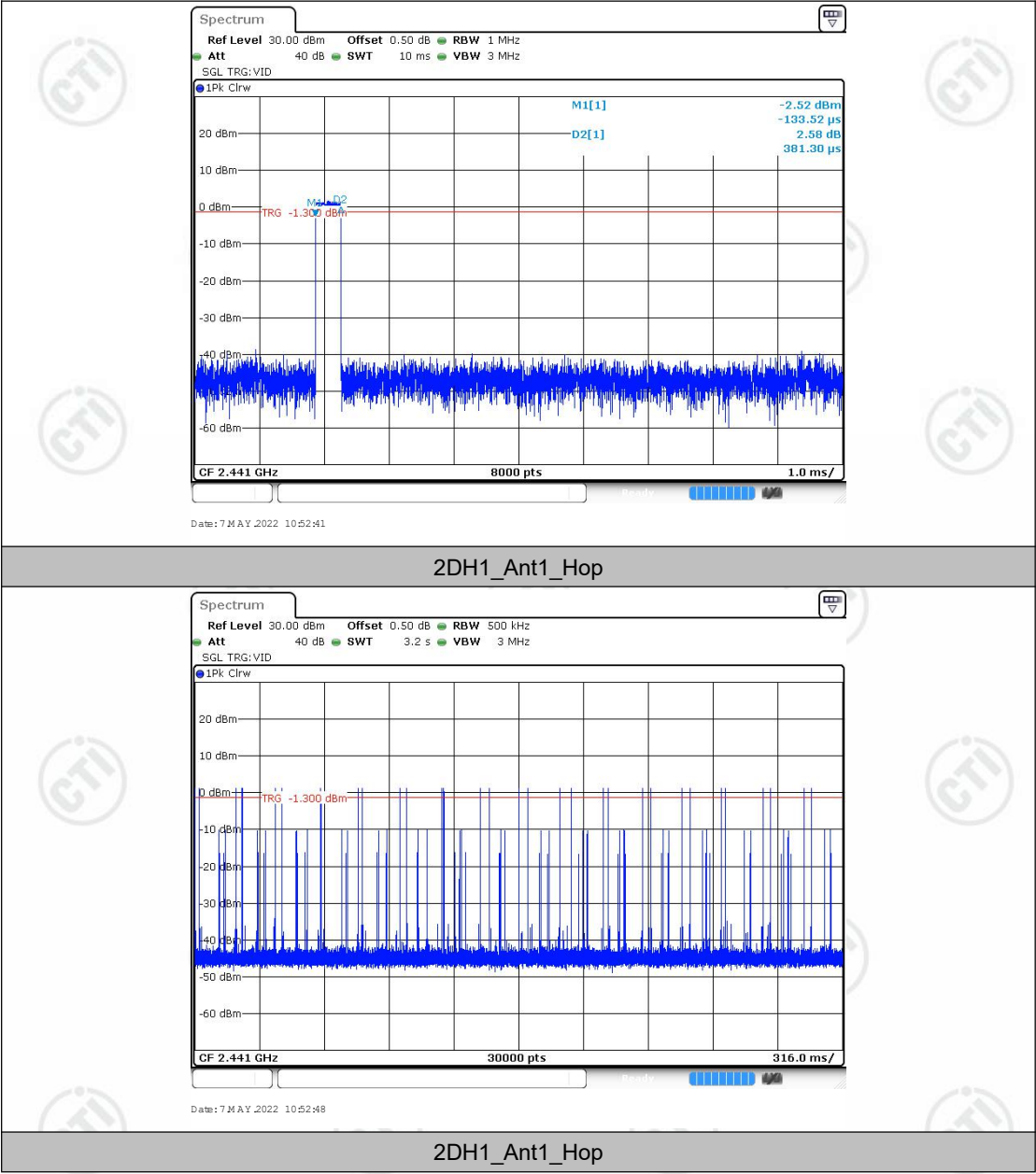
| Test Mode | Antenna | Channel | Burst Width<br>[ms] | Total Hops<br>[Num] | Result[s] | Limit[s] | Verdict |
|-----------|---------|---------|---------------------|---------------------|-----------|----------|---------|
| DH1       | Ant1    | Hop     | 0.37                | 320                 | 0.119     | <=0.4    | PASS    |
| DH3       | Ant1    | Hop     | 1.62                | 200                 | 0.324     | <=0.4    | PASS    |
| DH5       | Ant1    | Hop     | 2.86                | 130                 | 0.372     | <=0.4    | PASS    |
| 2DH1      | Ant1    | Hop     | 0.38                | 320                 | 0.122     | <=0.4    | PASS    |
| 2DH3      | Ant1    | Hop     | 1.63                | 170                 | 0.276     | <=0.4    | PASS    |
| 2DH5      | Ant1    | Hop     | 2.87                | 110                 | 0.315     | <=0.4    | PASS    |

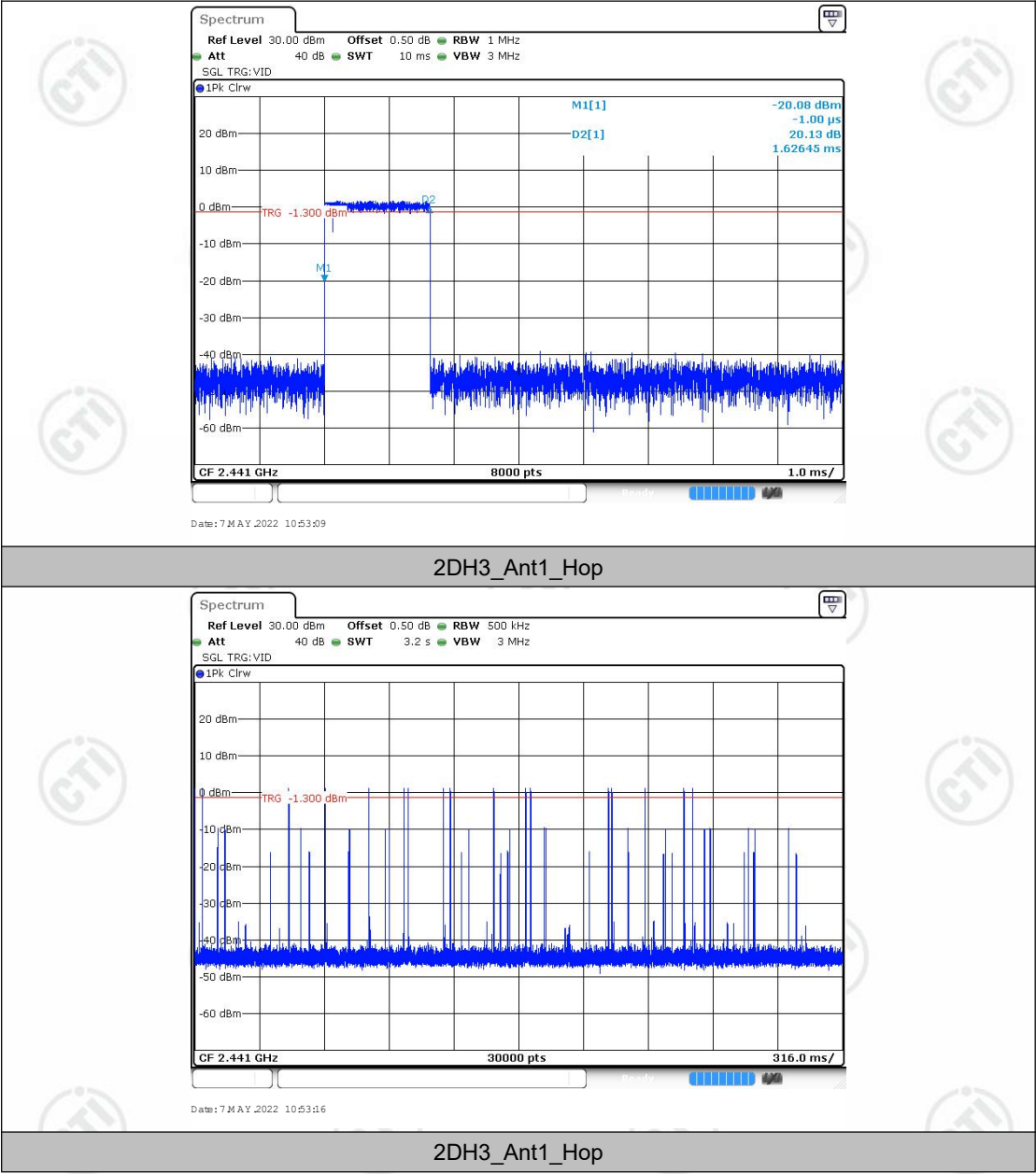
Test Graphs

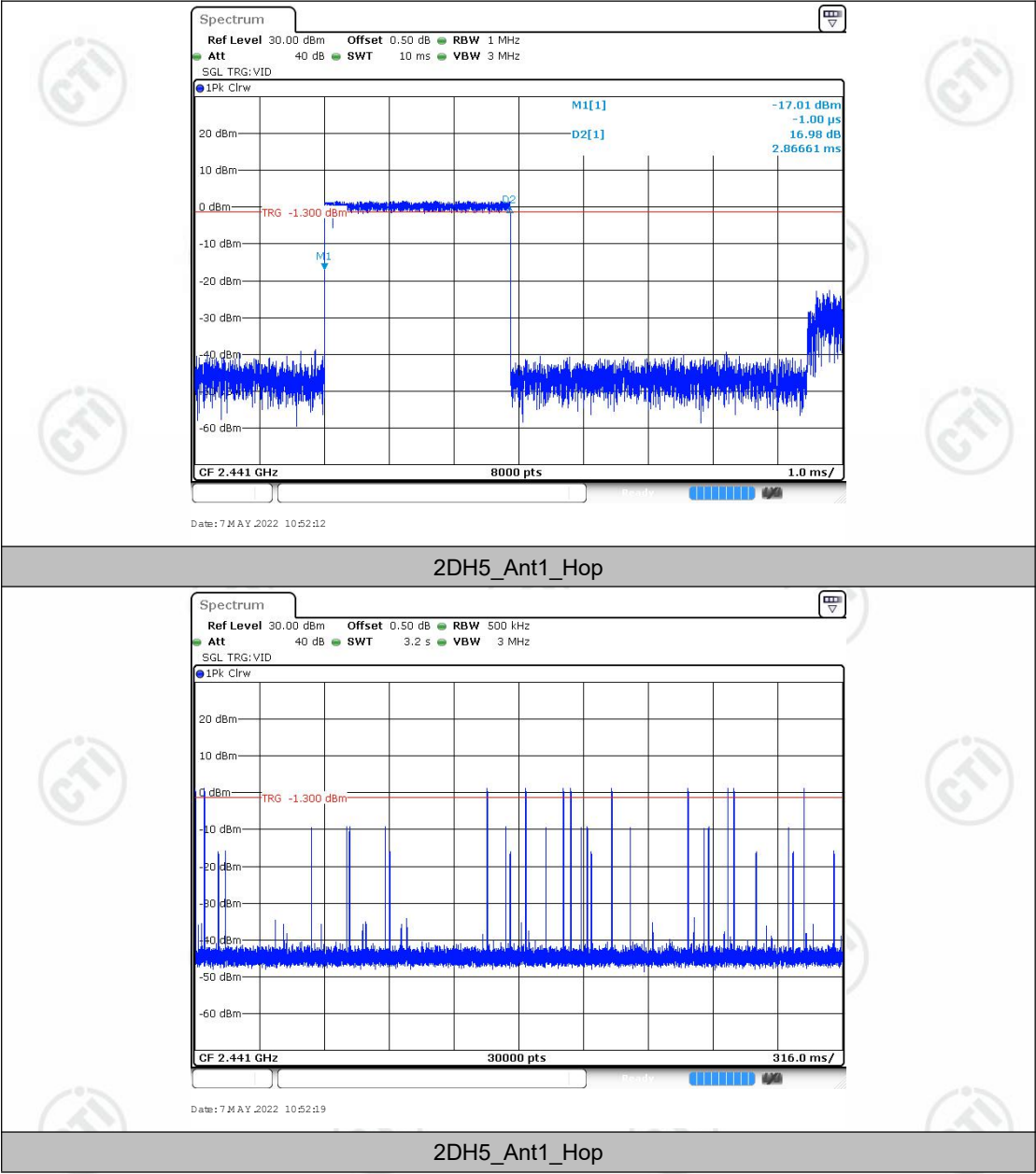










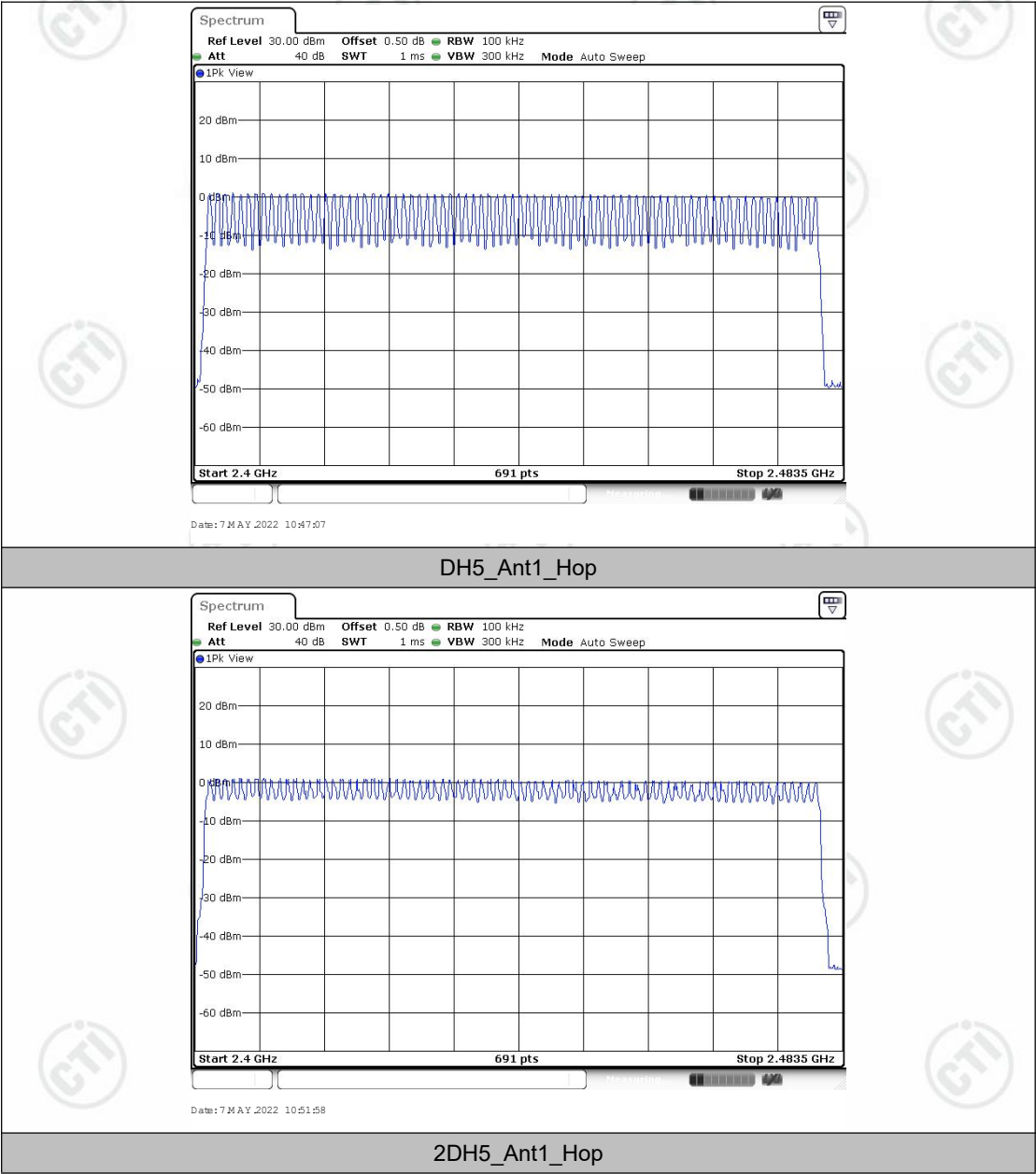


Appendix F: Number of hopping channels

Test Result

| Test Mode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| DH5       | Ant1    | Hop     | 79          | >=15       | PASS    |
| 2DH5      | Ant1    | Hop     | 79          | >=15       | PASS    |

Test Graphs

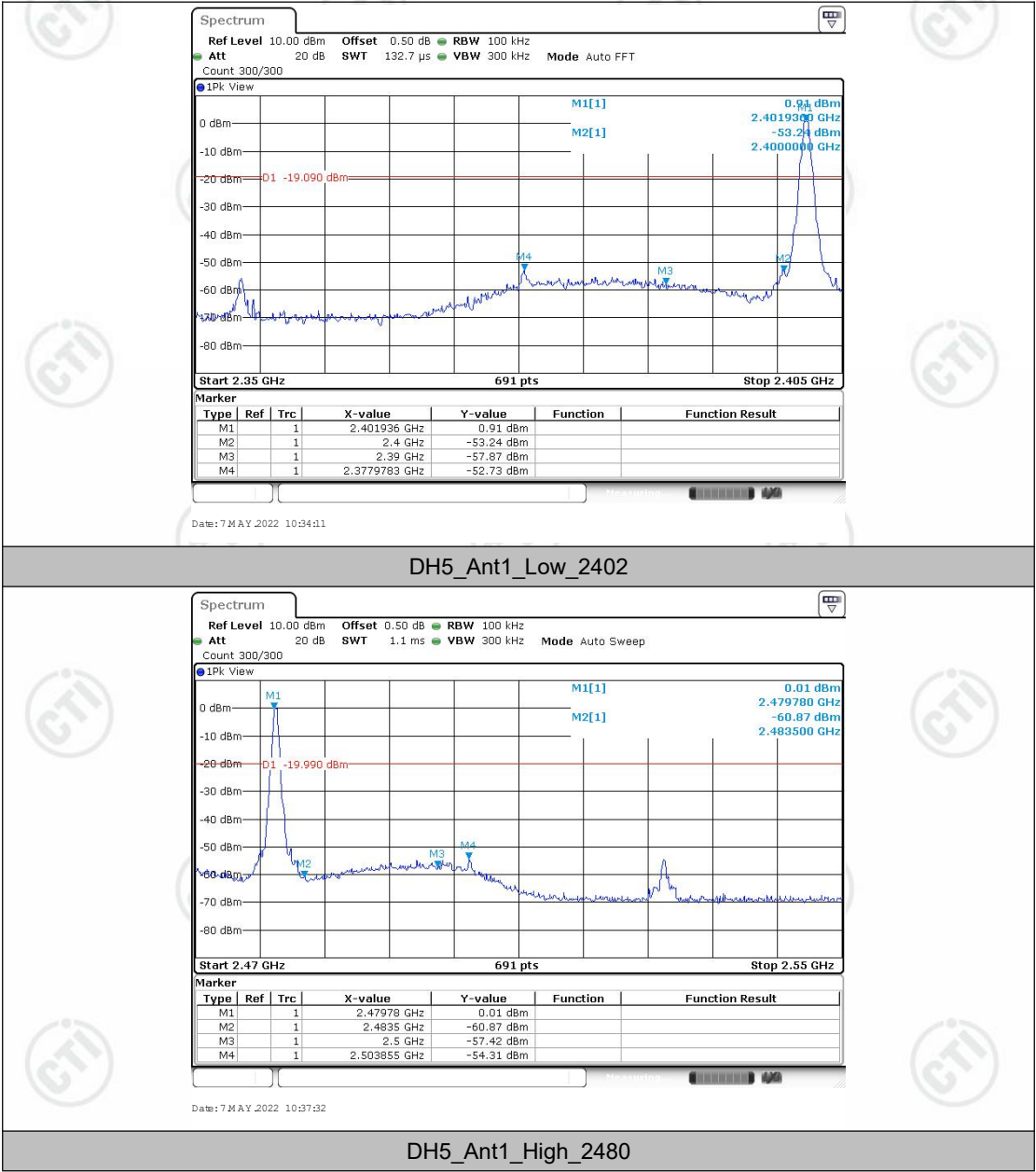


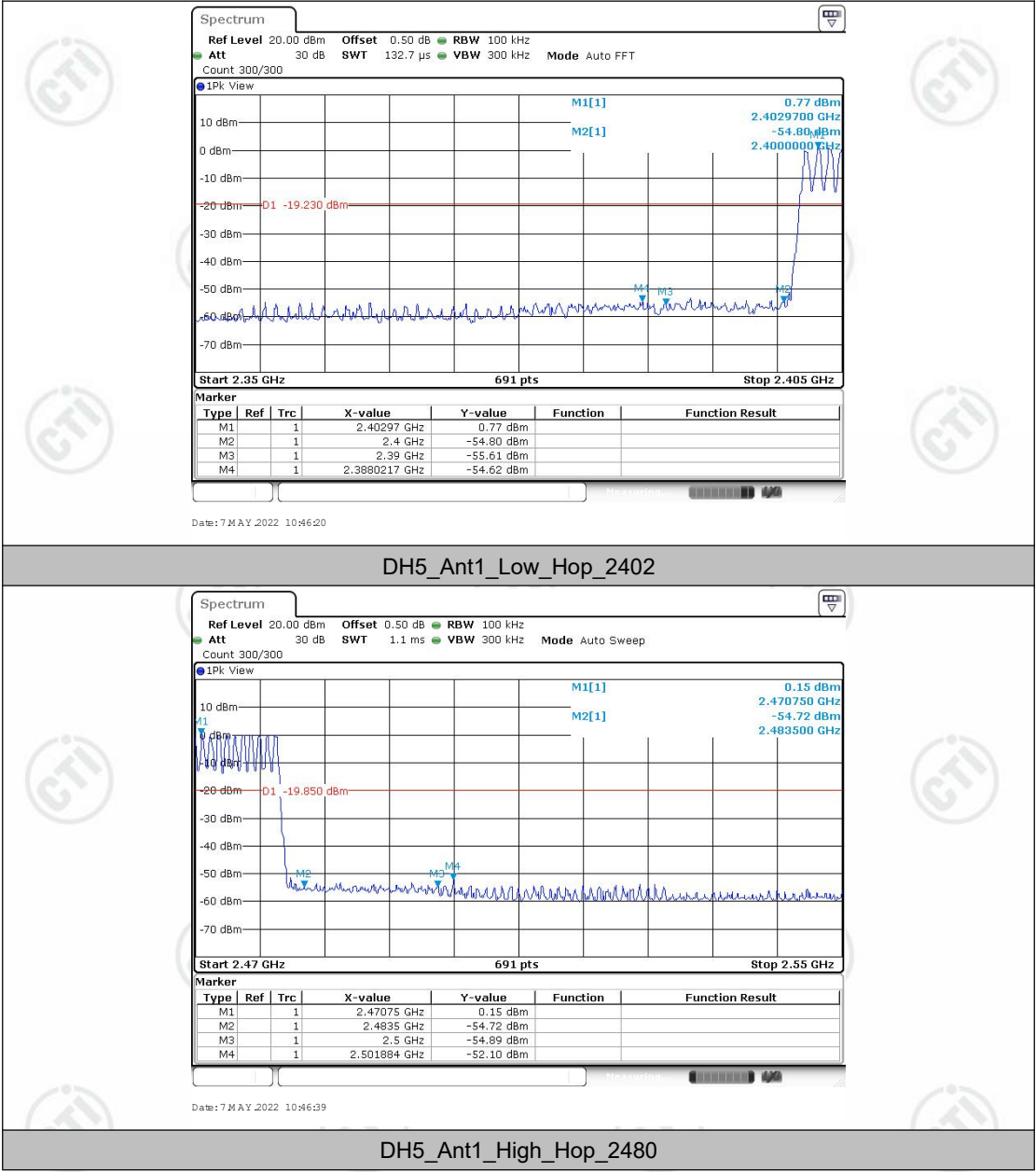
Appendix G: Band edge measurements

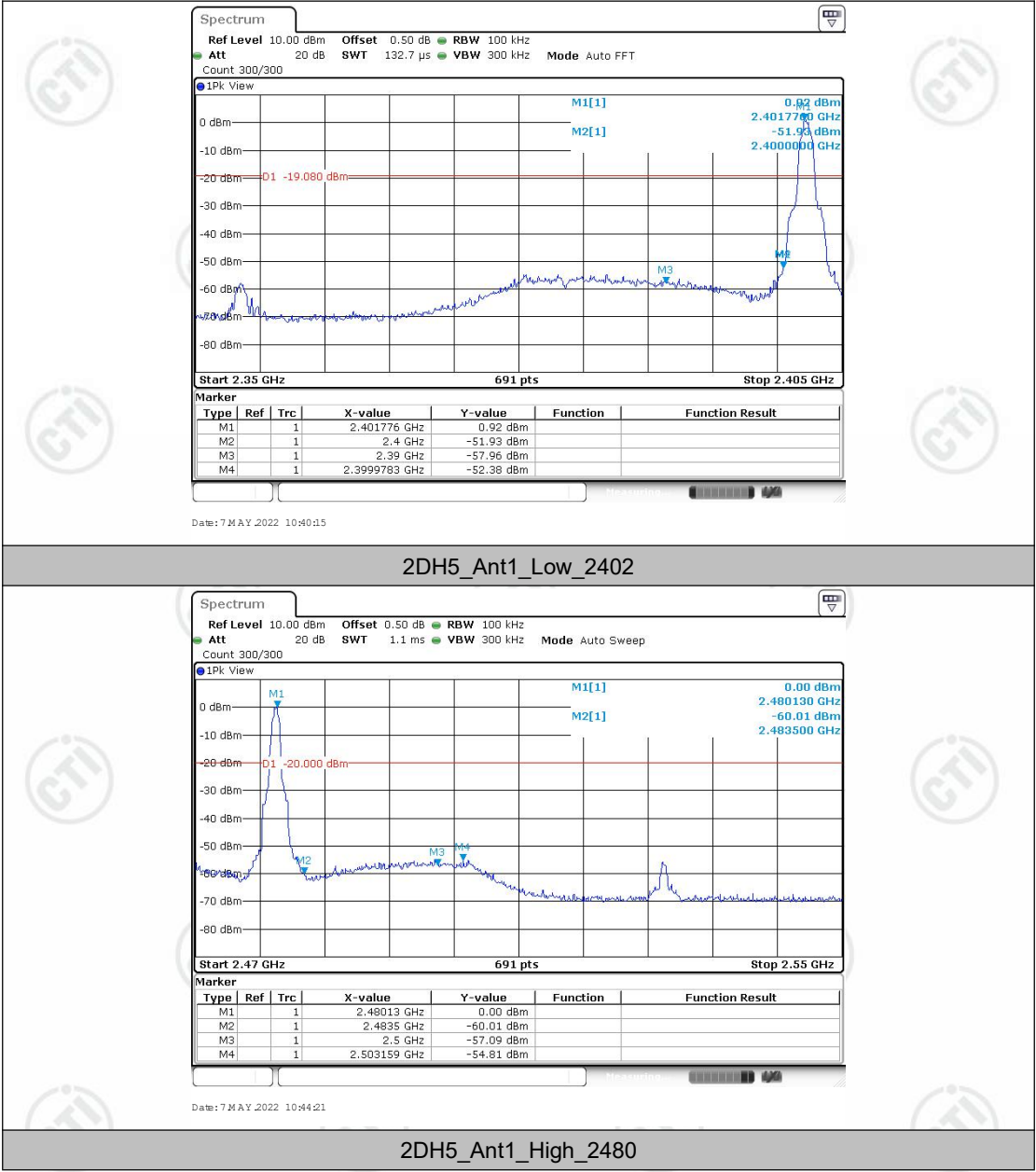
Test Result

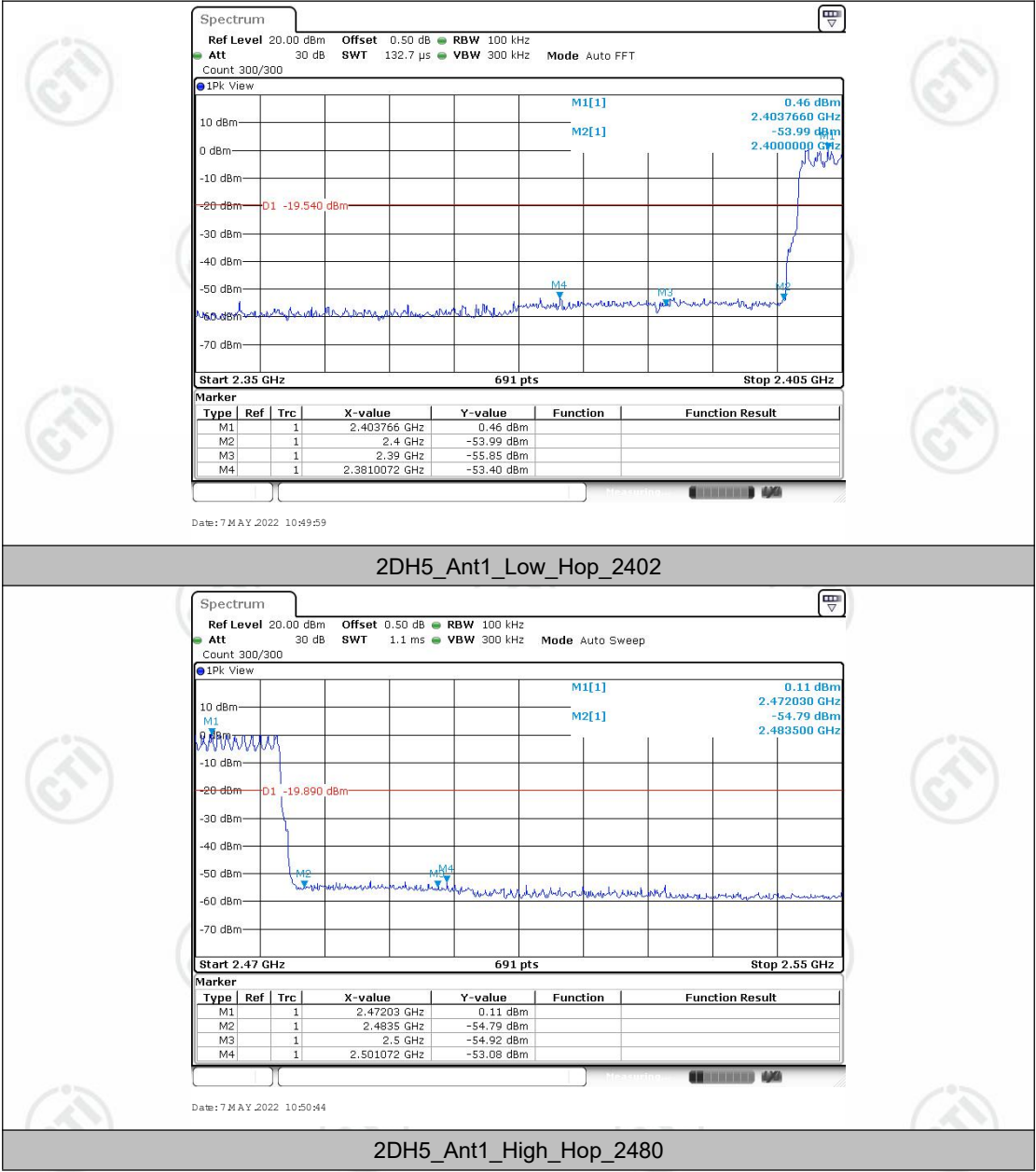
| Test Mode | Antenna | ChName | Channel  | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|--------|----------|-------------------|-----------------|----------------|---------|
| DH5       | Ant1    | Low    | 2402     | 0.91              | -52.73          | <=-19.09       | PASS    |
|           |         | High   | 2480     | 0.01              | -54.31          | <=-19.99       | PASS    |
|           |         | Low    | Hop_2402 | 0.77              | -54.62          | <=-19.23       | PASS    |
|           |         | High   | Hop_2480 | 0.15              | -52.1           | <=-19.85       | PASS    |
| 2DH5      | Ant1    | Low    | 2402     | 0.92              | -52.38          | <=-19.08       | PASS    |
|           |         | High   | 2480     | 0.00              | -54.81          | <=-20          | PASS    |
|           |         | Low    | Hop_2402 | 0.46              | -53.4           | <=-19.54       | PASS    |
|           |         | High   | Hop_2480 | 0.11              | -53.08          | <=-19.89       | PASS    |

Test Graphs







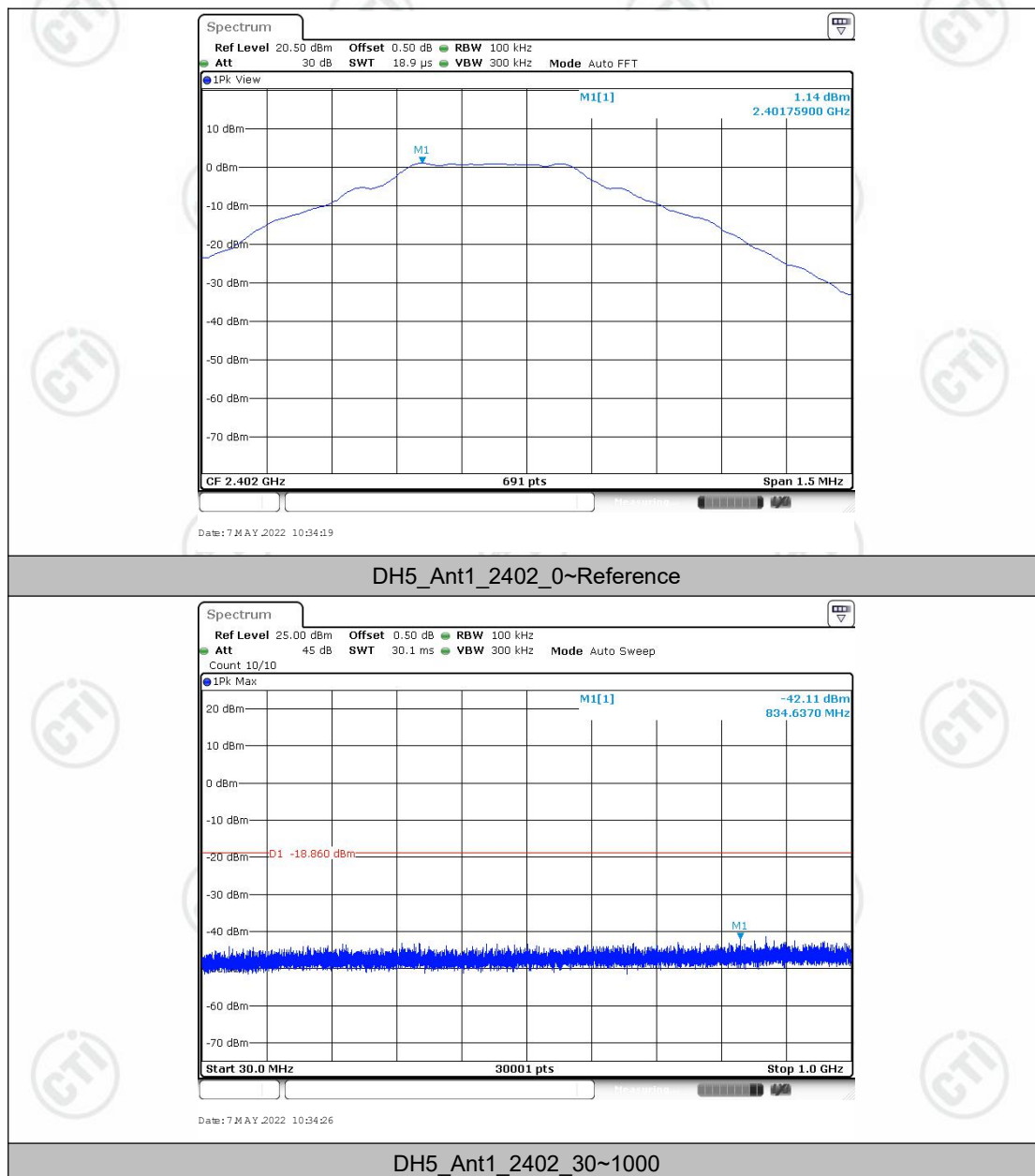


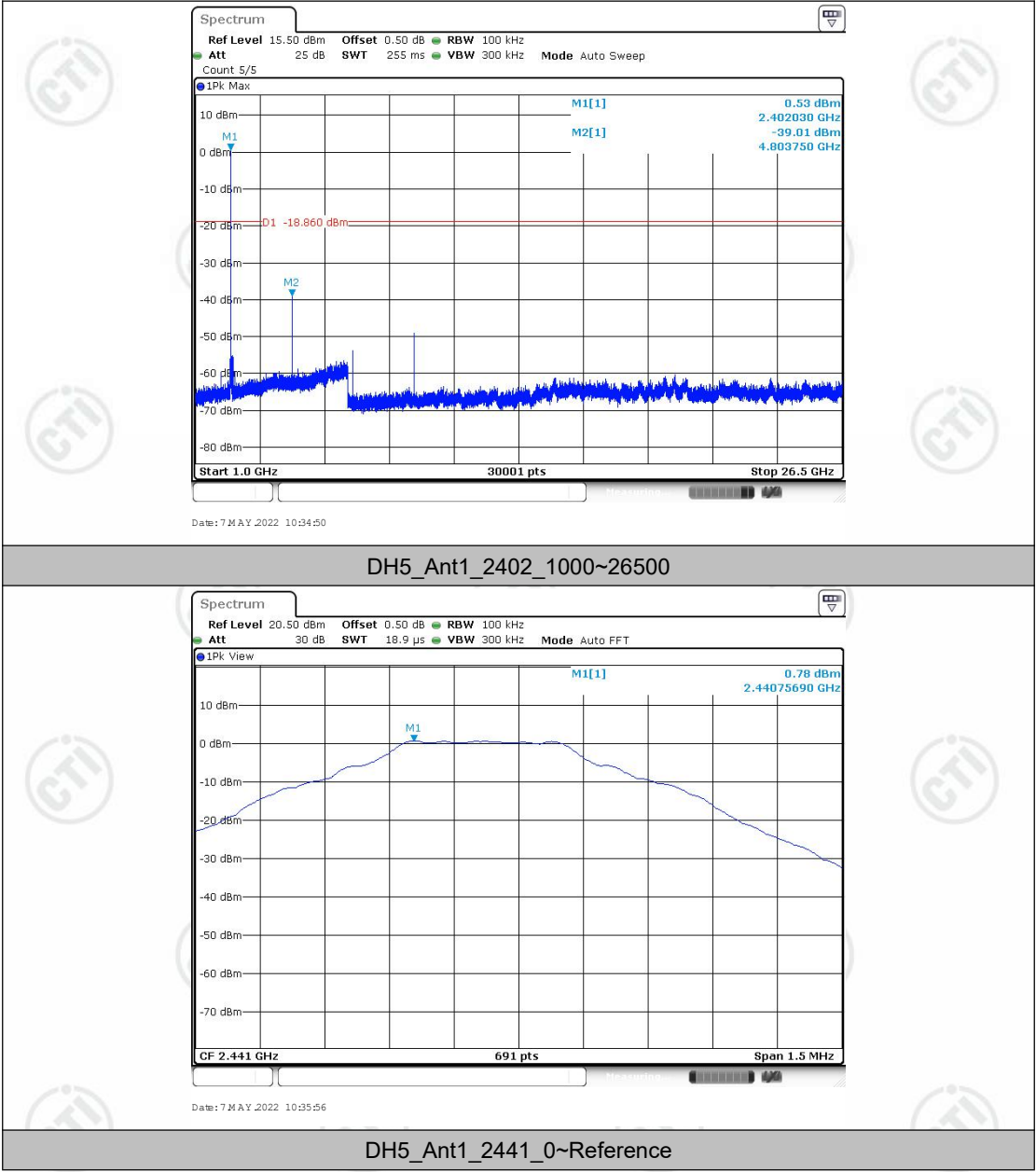
## Appendix H: Conducted Spurious Emission

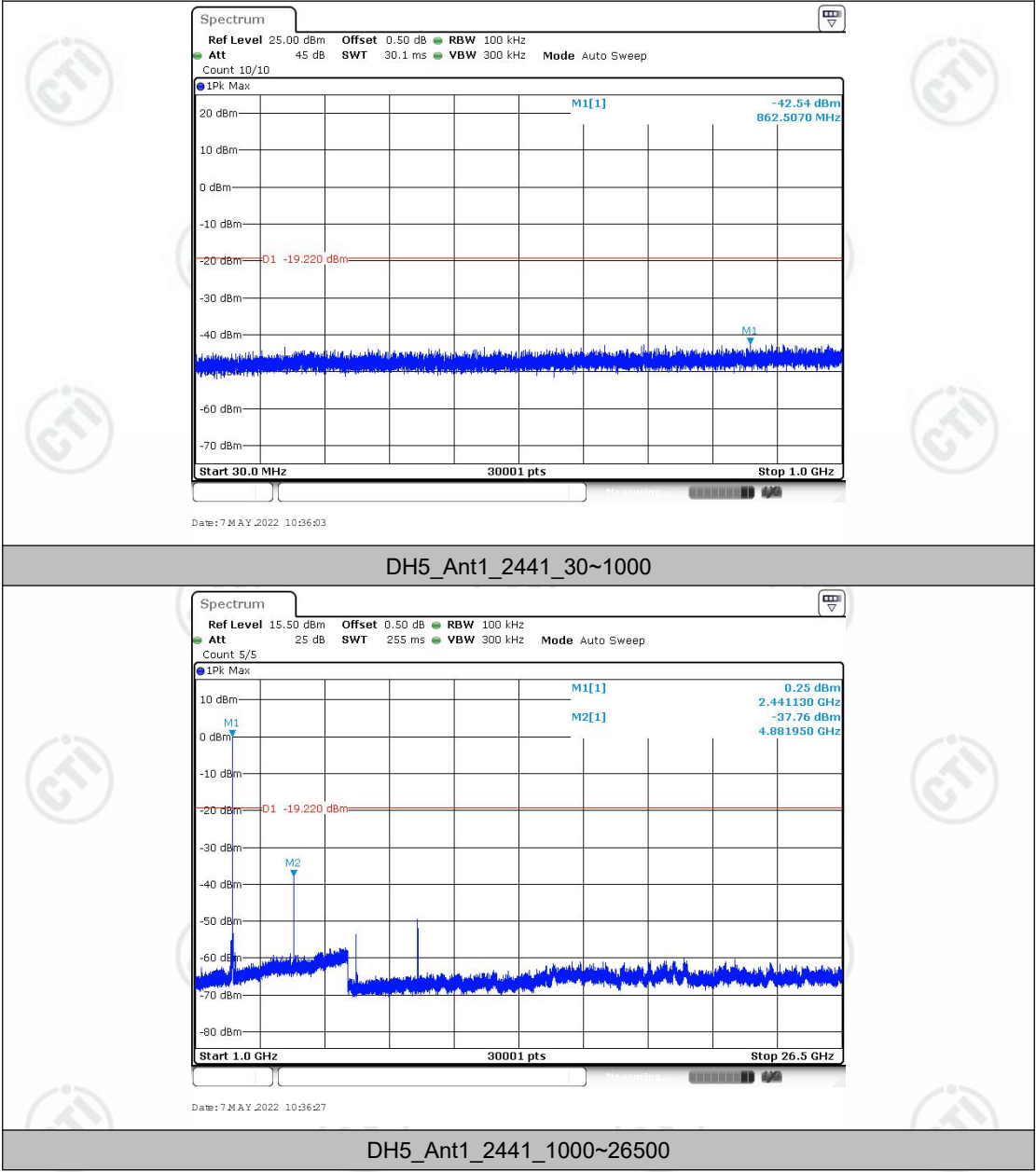
### Test Result

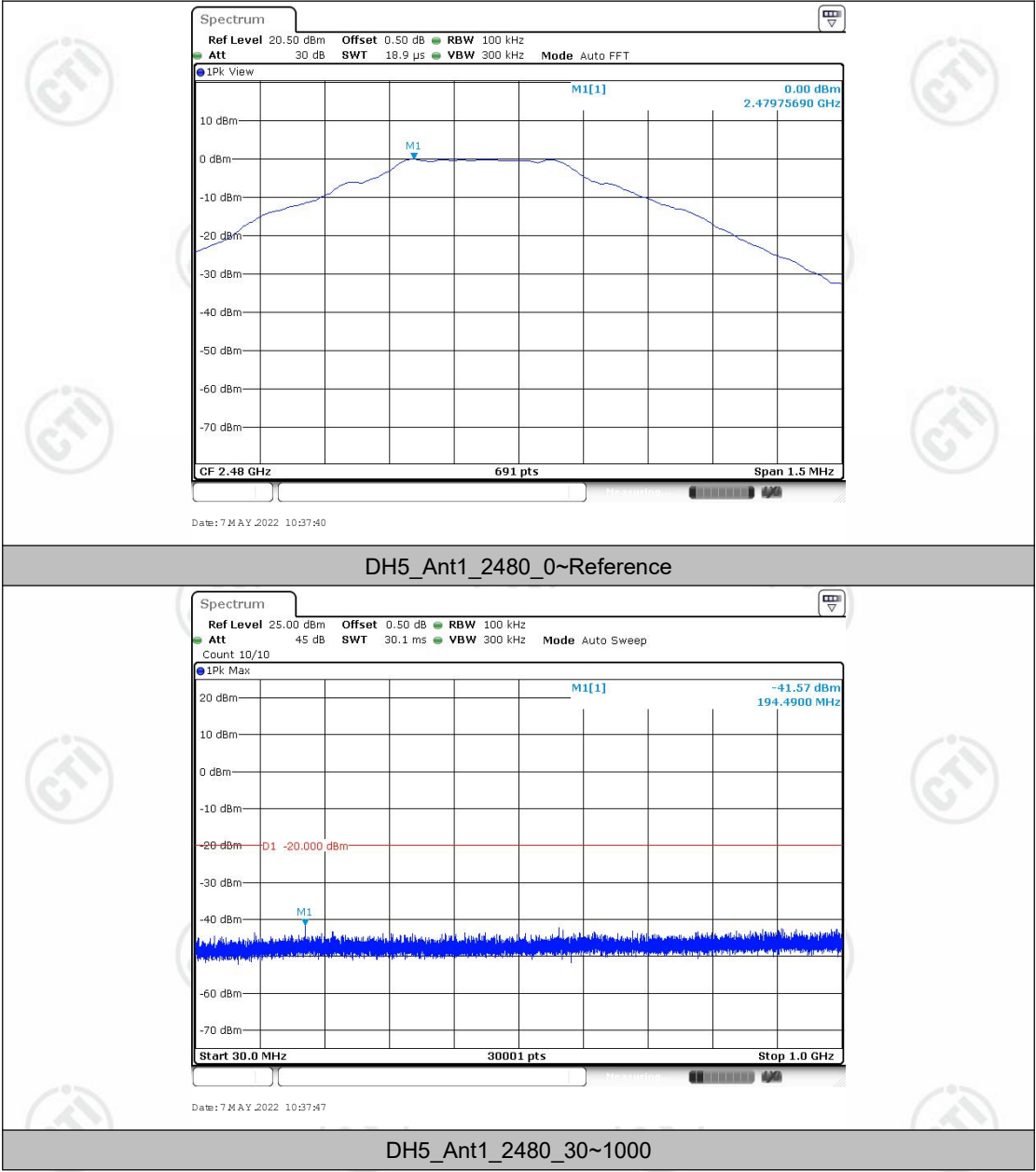
| Test Mode | Antenna | Channel | Freq Range [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|------------------|----------------|--------------|-------------|---------|
| DH5       | Ant1    | 2402    | Reference        | 1.14           | 1.14         | ---         | PASS    |
|           |         |         | 30~1000          | ---            | -42.11       | <=-18.86    | PASS    |
|           |         |         | 1000~26500       | ---            | -39.01       | <=-18.86    | PASS    |
|           |         | 2441    | Reference        | 0.78           | 0.78         | ---         | PASS    |
|           |         |         | 30~1000          | ---            | -42.54       | <=-19.22    | PASS    |
|           |         |         | 1000~26500       | ---            | -37.76       | <=-19.22    | PASS    |
|           |         | 2480    | Reference        | 0.00           | 0.00         | ---         | PASS    |
|           |         |         | 30~1000          | ---            | -41.57       | <=-20       | PASS    |
|           |         |         | 1000~26500       | ---            | -35.72       | <=-20       | PASS    |
| 2DH5      | Ant1    | 2402    | Reference        | 1.11           | 1.11         | ---         | PASS    |
|           |         |         | 30~1000          | ---            | -39.45       | <=-18.89    | PASS    |
|           |         |         | 1000~26500       | ---            | -43.06       | <=-18.89    | PASS    |
|           |         | 2441    | Reference        | 0.74           | 0.74         | ---         | PASS    |
|           |         |         | 30~1000          | ---            | -41.71       | <=-19.26    | PASS    |
|           |         |         | 1000~26500       | ---            | -39.51       | <=-19.26    | PASS    |
|           |         | 2480    | Reference        | 0.01           | 0.01         | ---         | PASS    |
|           |         |         | 30~1000          | ---            | -38.83       | <=-19.99    | PASS    |
|           |         |         | 1000~26500       | ---            | -39.34       | <=-19.99    | PASS    |

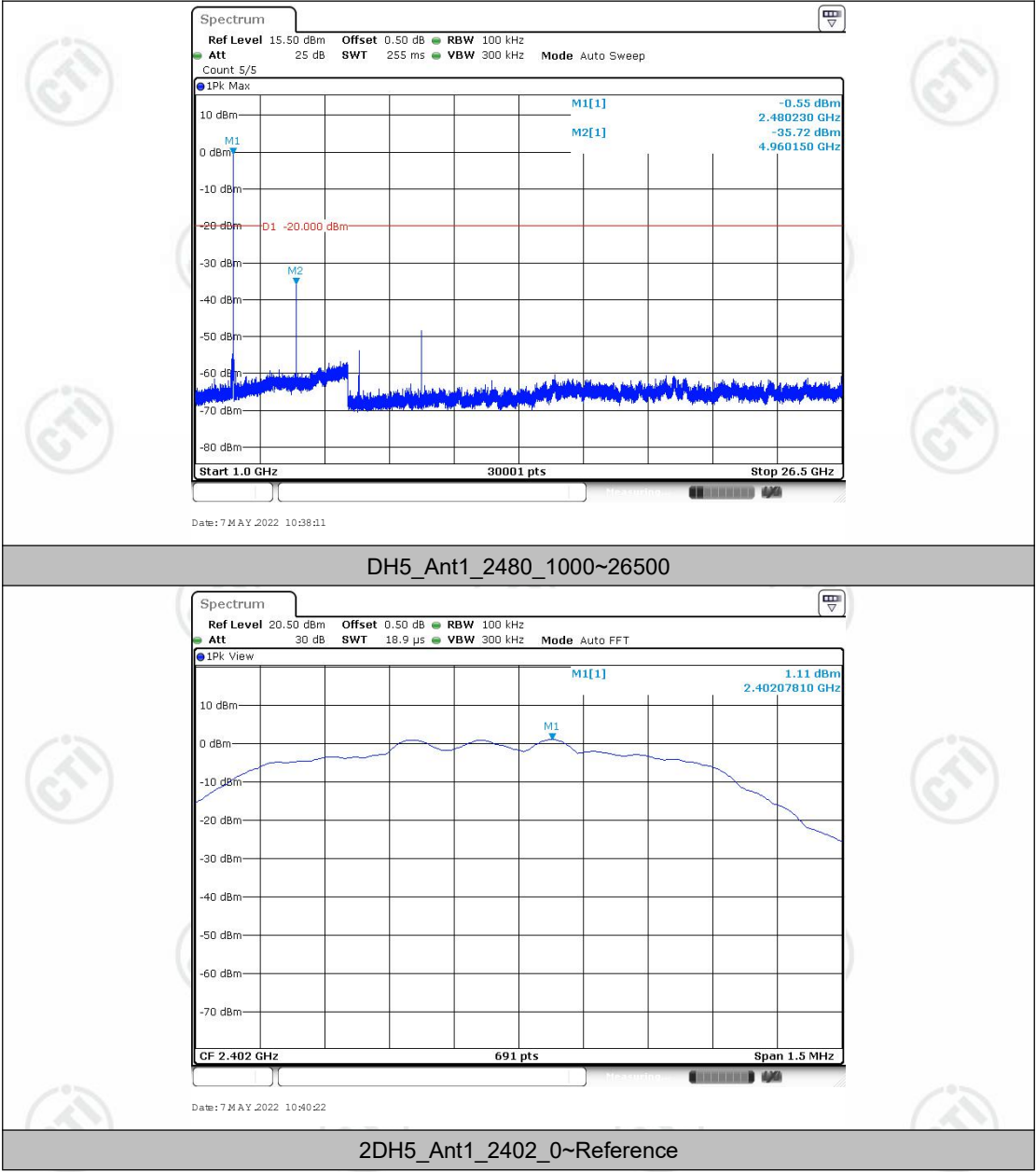
## Test Graphs

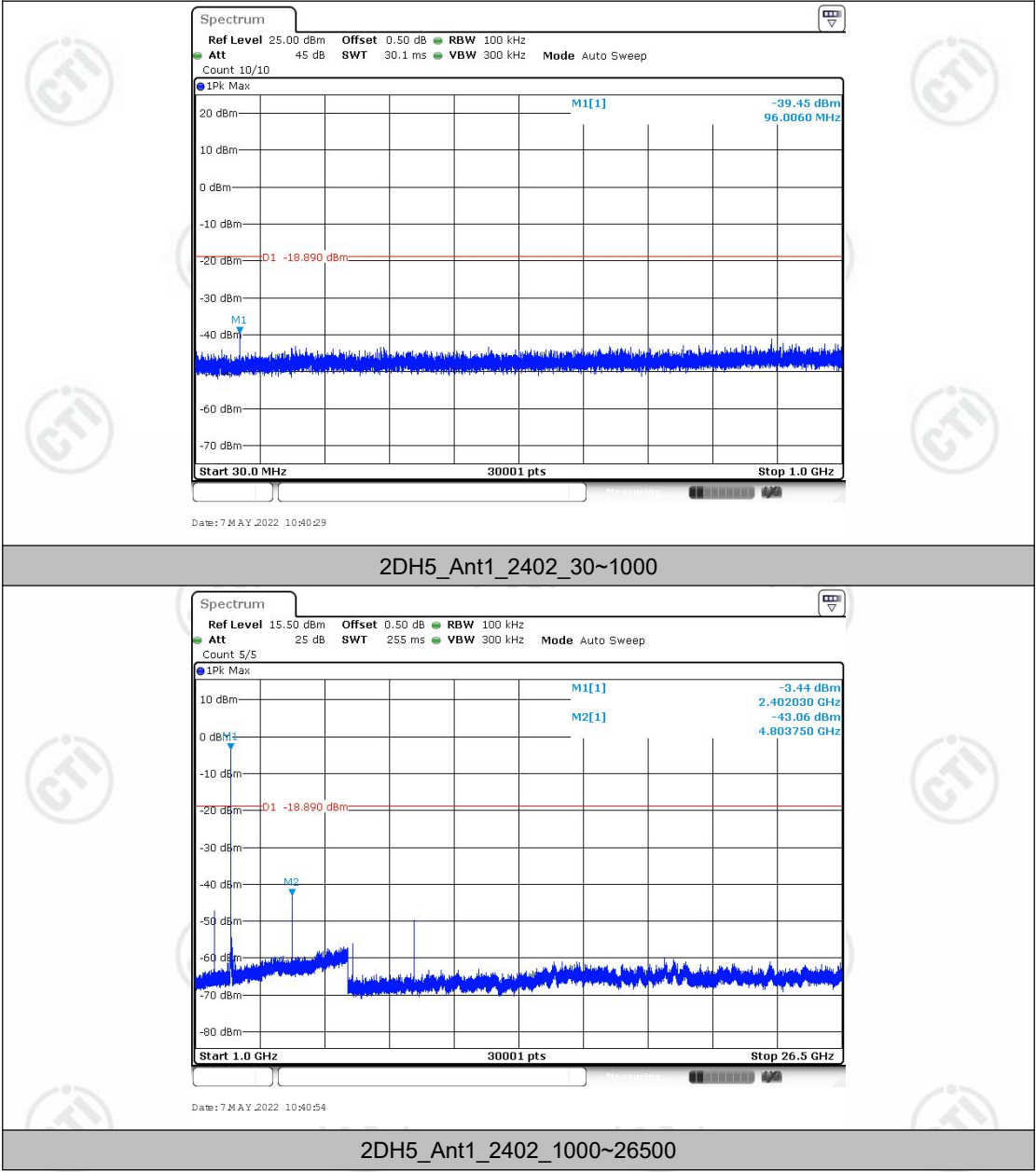


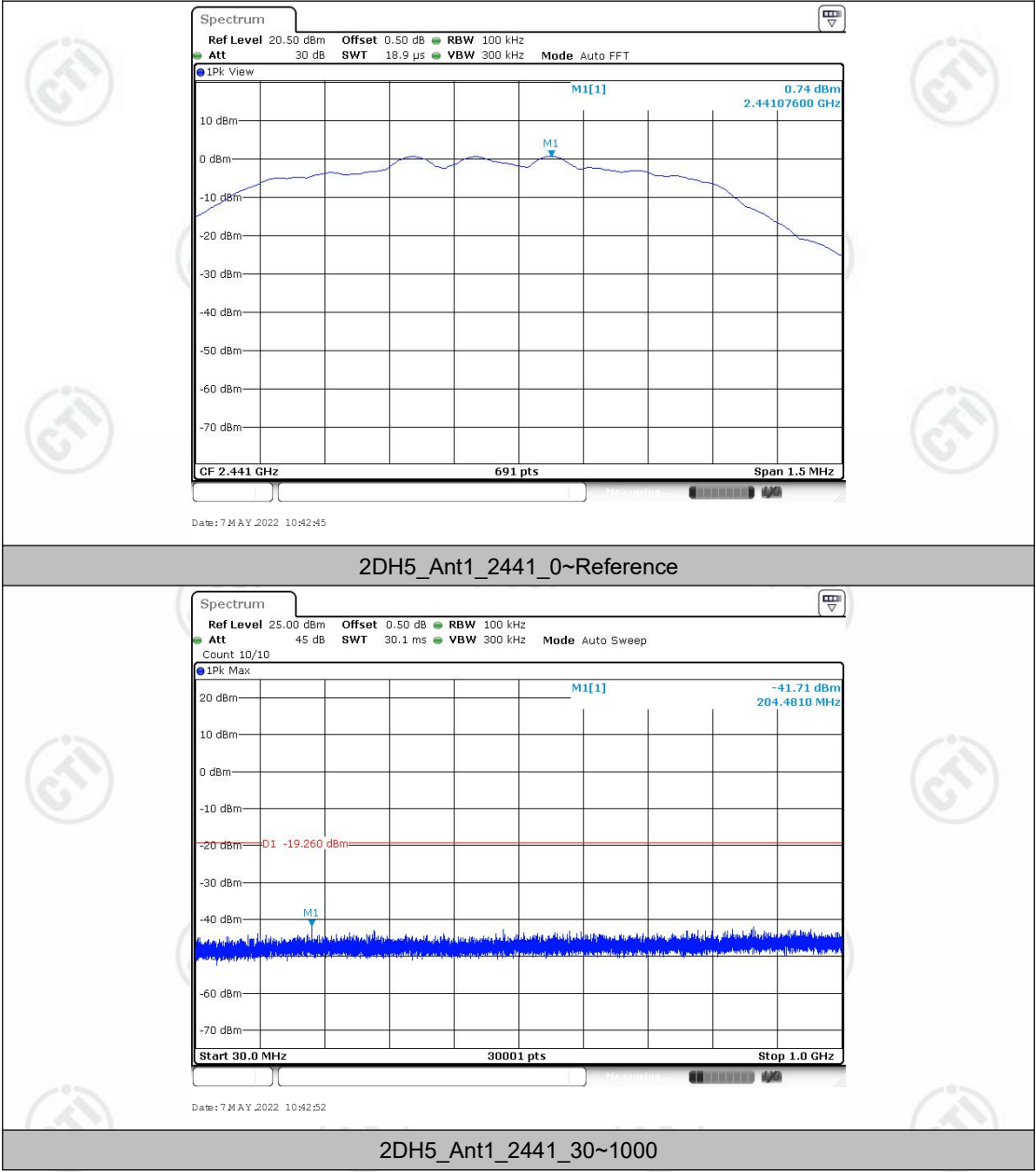


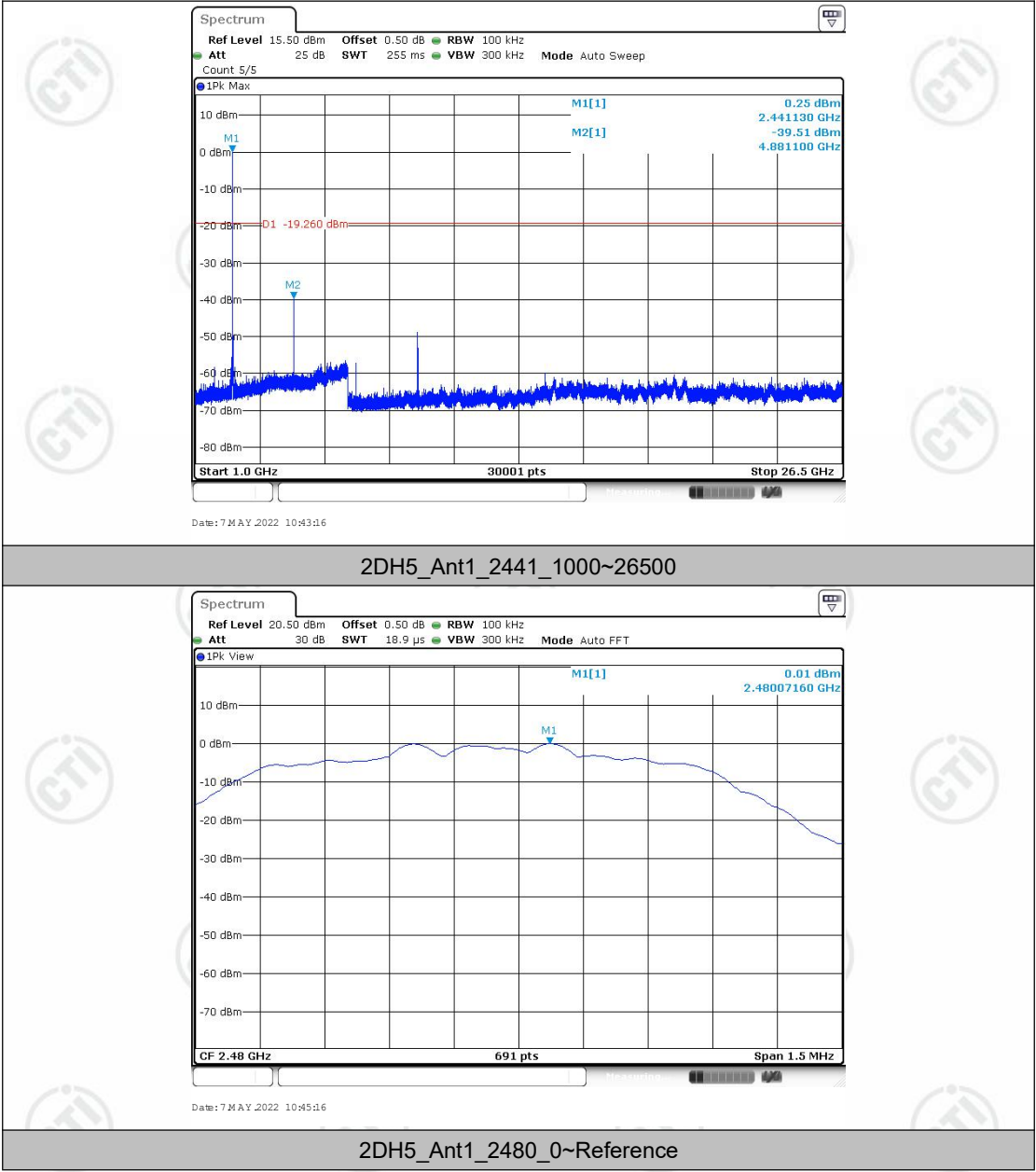


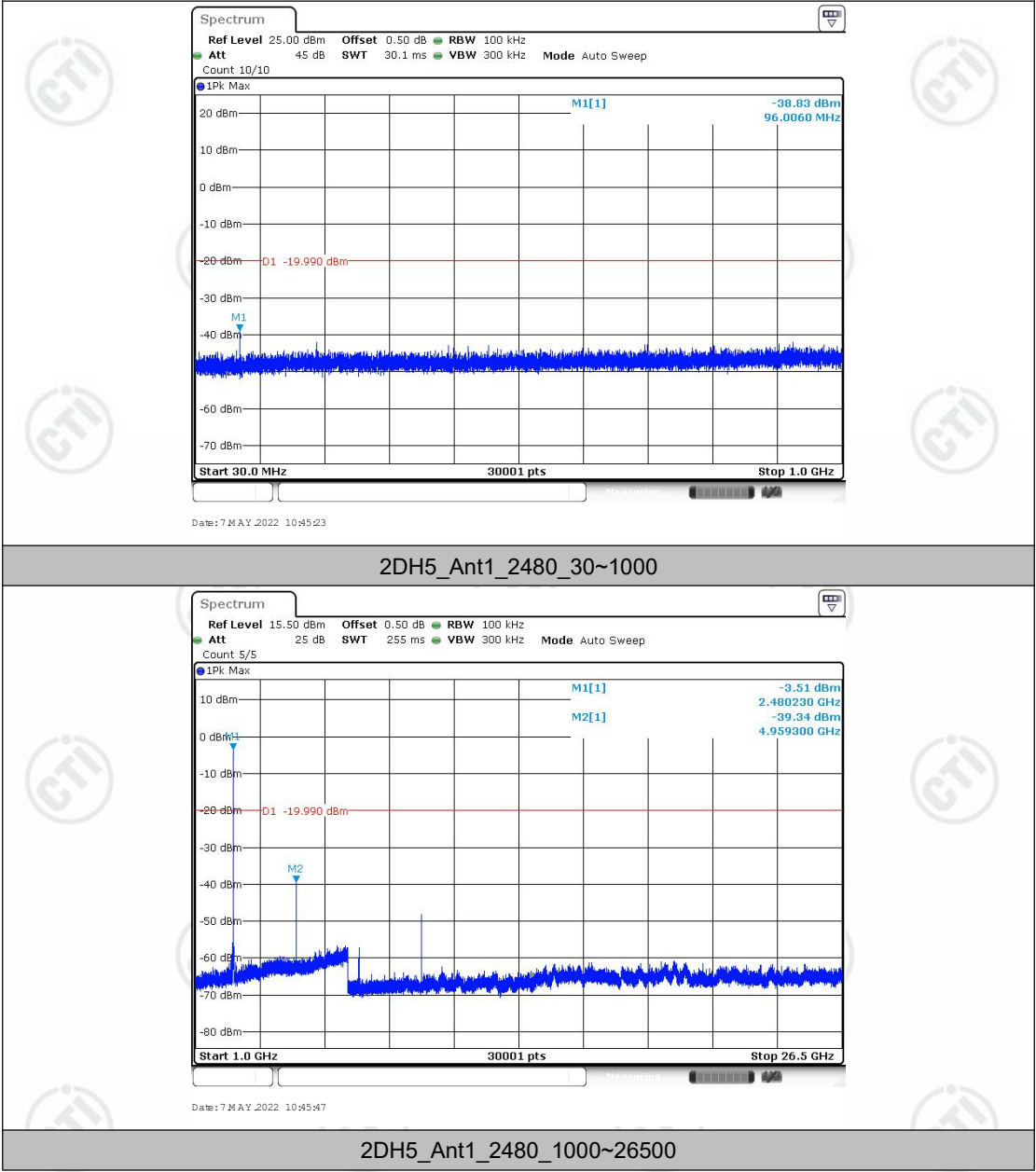












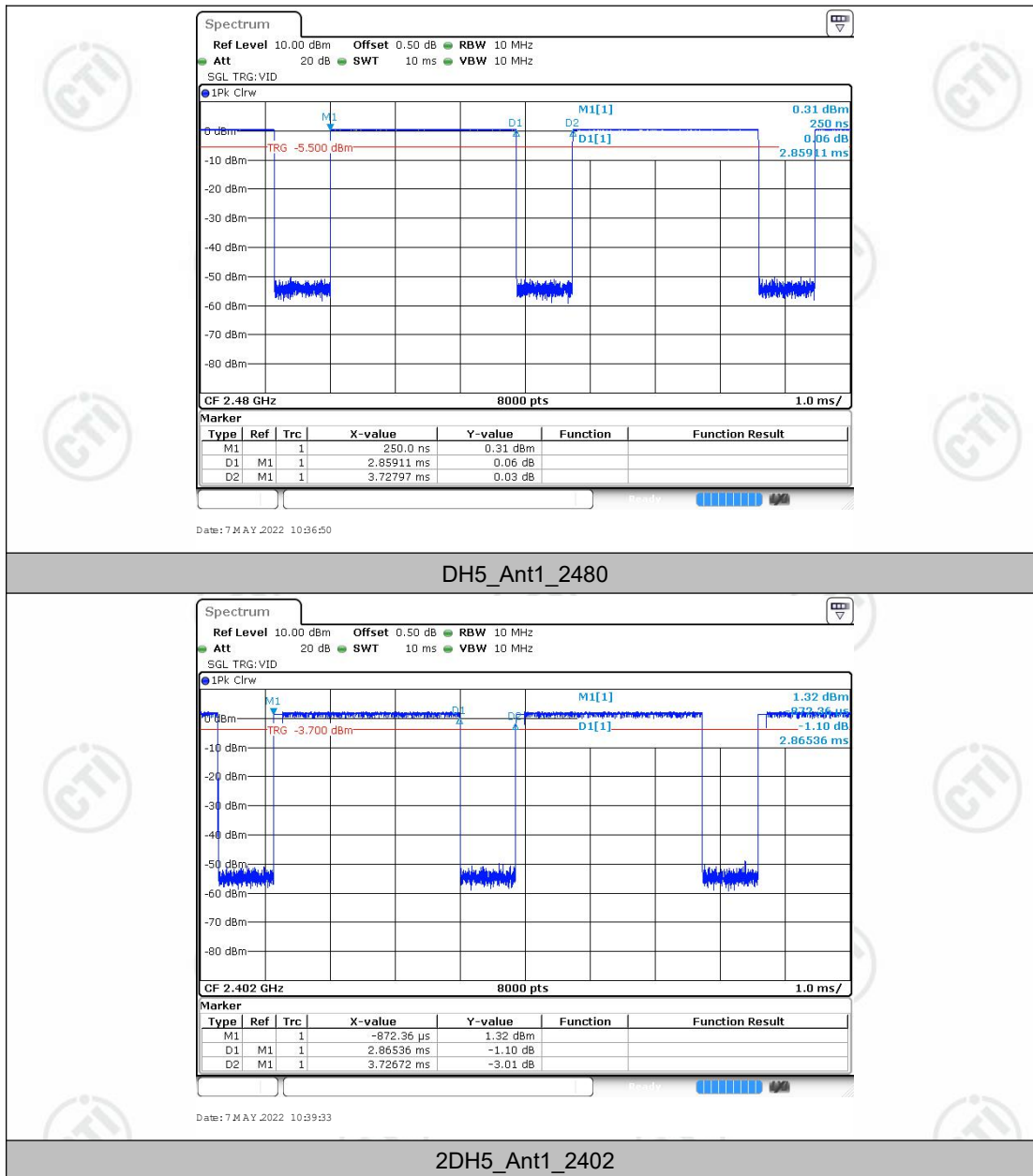
Appendix I: Duty Cycle

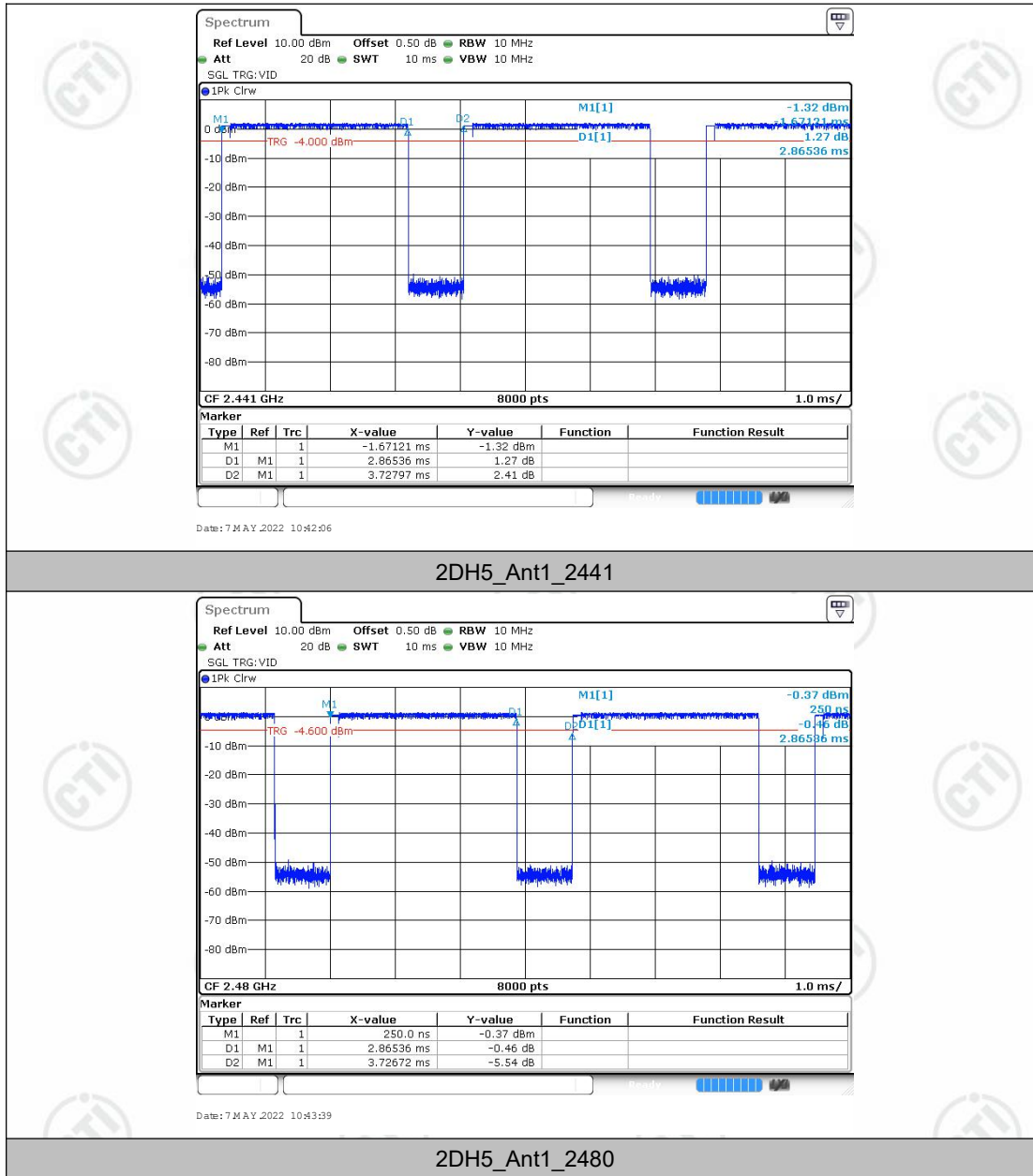
Test Result

| Test Mode | Antenna | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|---------|----------------------------|--------------------------|----------------|-------|---------|
| DH5       | Ant1    | 2402    | 2.86                       | 3.73                     | 76.68          | ---   | PASS    |
|           |         | 2441    | 2.86                       | 3.73                     | 76.68          | ---   | PASS    |
|           |         | 2480    | 2.86                       | 3.73                     | 76.68          | ---   | PASS    |
| 2DH5      | Ant1    | 2402    | 2.87                       | 3.73                     | 76.94          | ---   | PASS    |
|           |         | 2441    | 2.87                       | 3.73                     | 76.94          | ---   | PASS    |
|           |         | 2480    | 2.87                       | 3.73                     | 76.94          | ---   | PASS    |

Test Graphs







\*\*\* End of Report \*\*\*