

## 21 APPENDIX

### 21.1 APPENDIX A: 20DB EMISSION BANDWIDTH

#### Test Result

| TestMode | Antenna | Channel | 20db<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|------------------|----------|----------|------------|---------|
| DH1      | Ant1    | 2402    | 1.107            | 2401.439 | 2402.546 | ---        | PASS    |
|          |         | 2441    | 1.104            | 2440.442 | 2441.546 | ---        | PASS    |
|          |         | 2480    | 1.107            | 2479.439 | 2480.546 | ---        | PASS    |
| 2DH1     | Ant1    | 2402    | 1.380            | 2401.301 | 2402.681 | ---        | PASS    |
|          |         | 2441    | 1.389            | 2440.298 | 2441.687 | ---        | PASS    |
|          |         | 2480    | 1.389            | 2479.298 | 2480.687 | ---        | PASS    |
| 3DH1     | Ant1    | 2402    | 1.368            | 2401.310 | 2402.678 | ---        | PASS    |
|          |         | 2441    | 1.365            | 2440.310 | 2441.675 | ---        | PASS    |
|          |         | 2480    | 1.368            | 2479.310 | 2480.678 | ---        | PASS    |

## Test Graphs





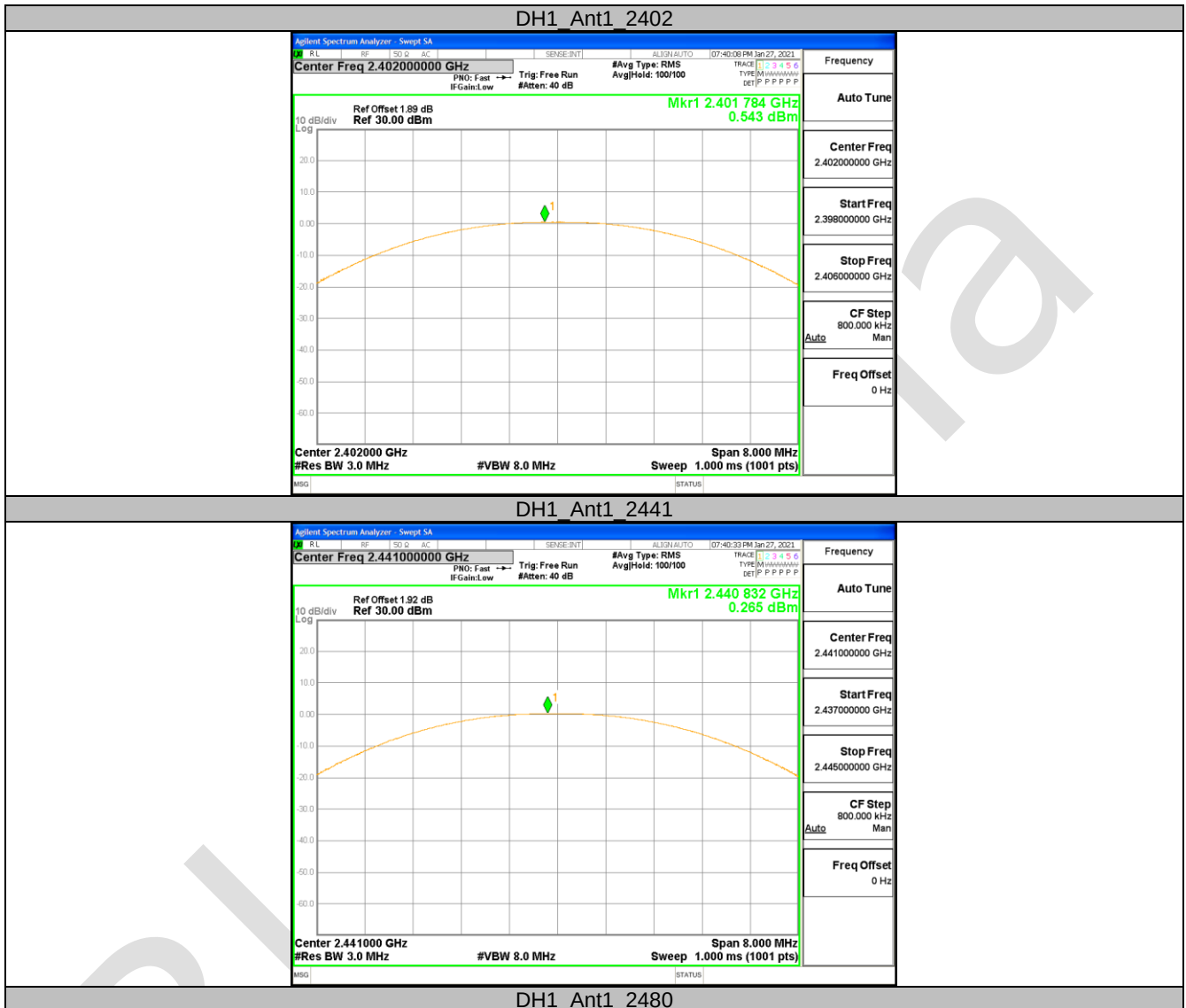


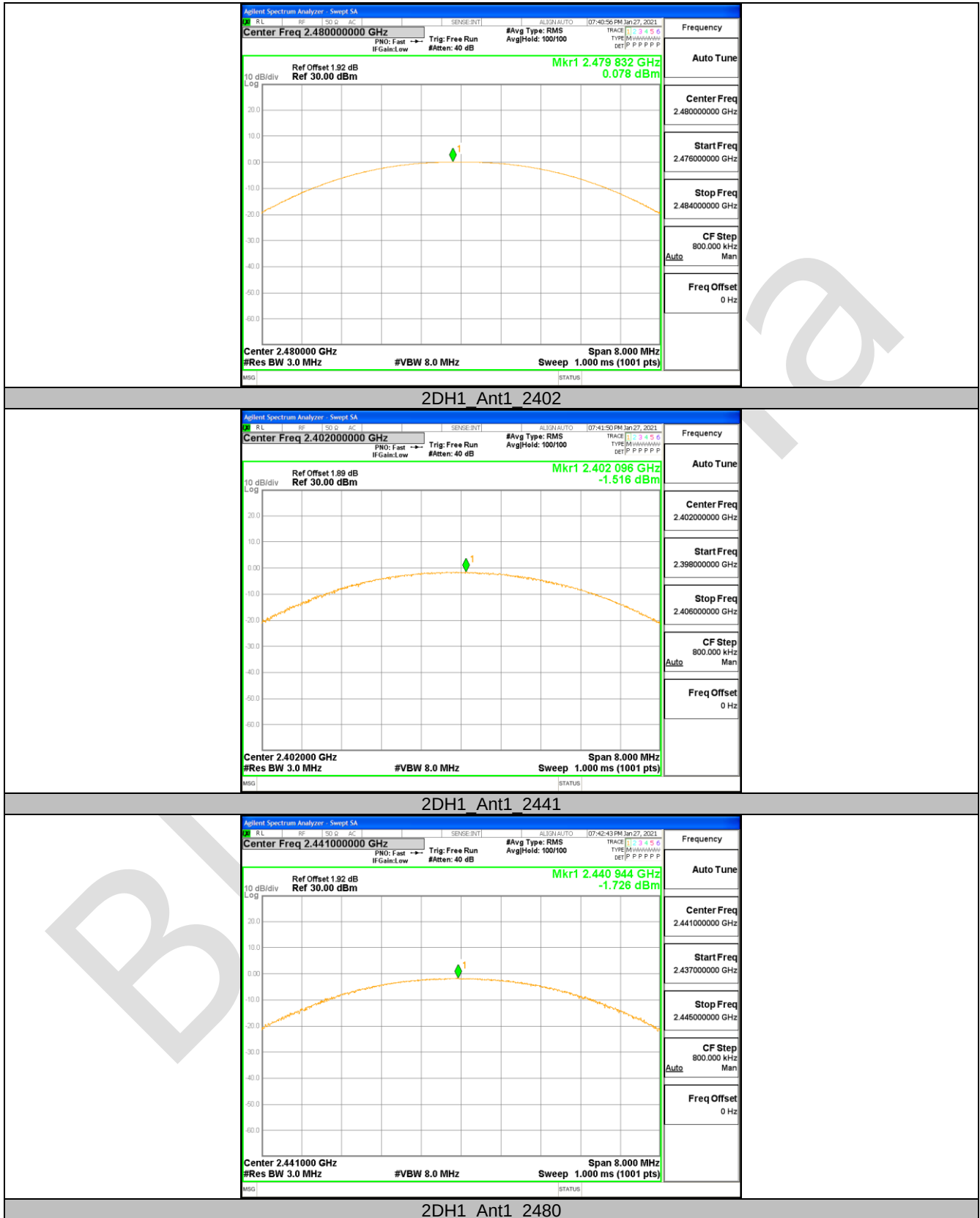
## 21.2 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

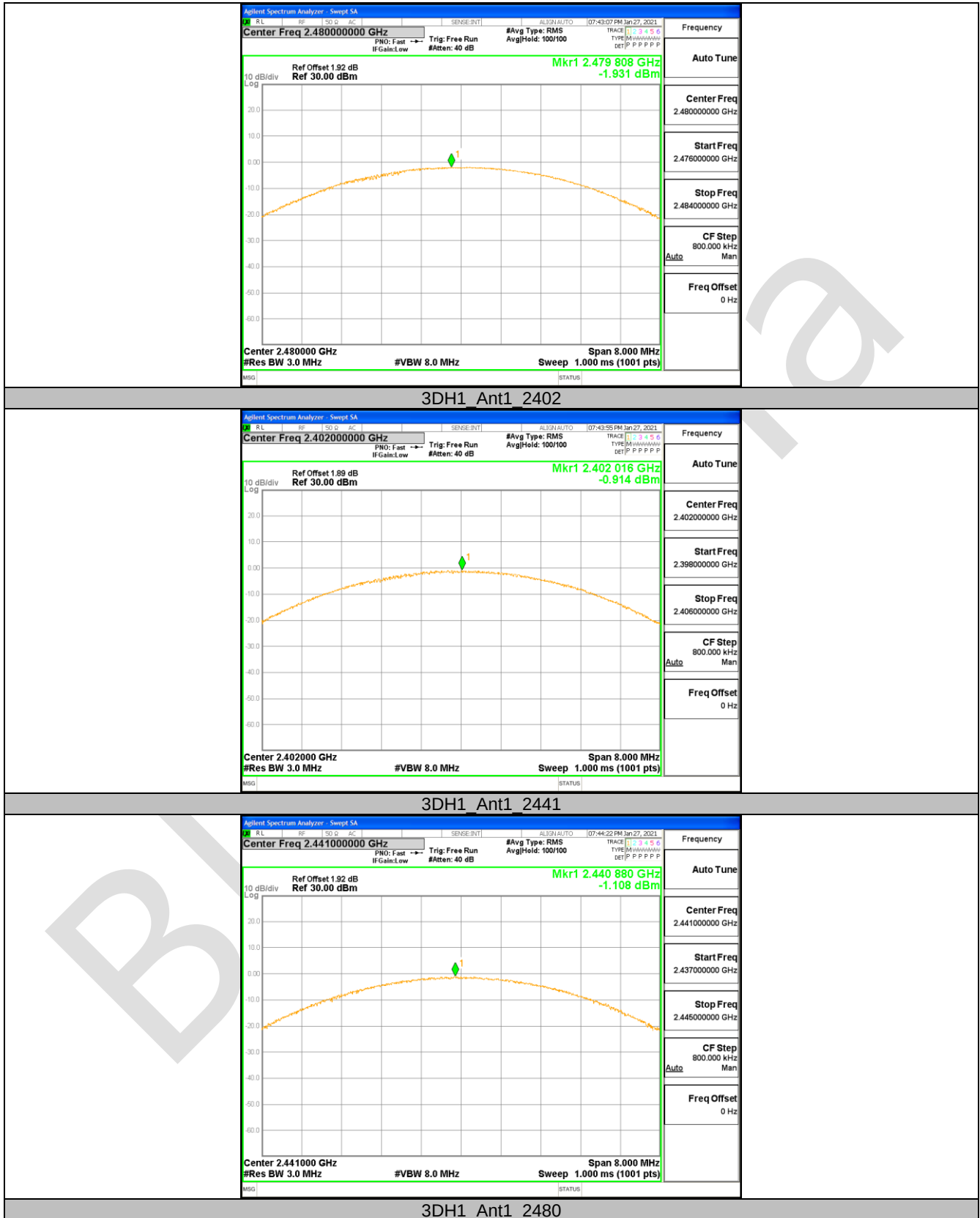
### Test Result

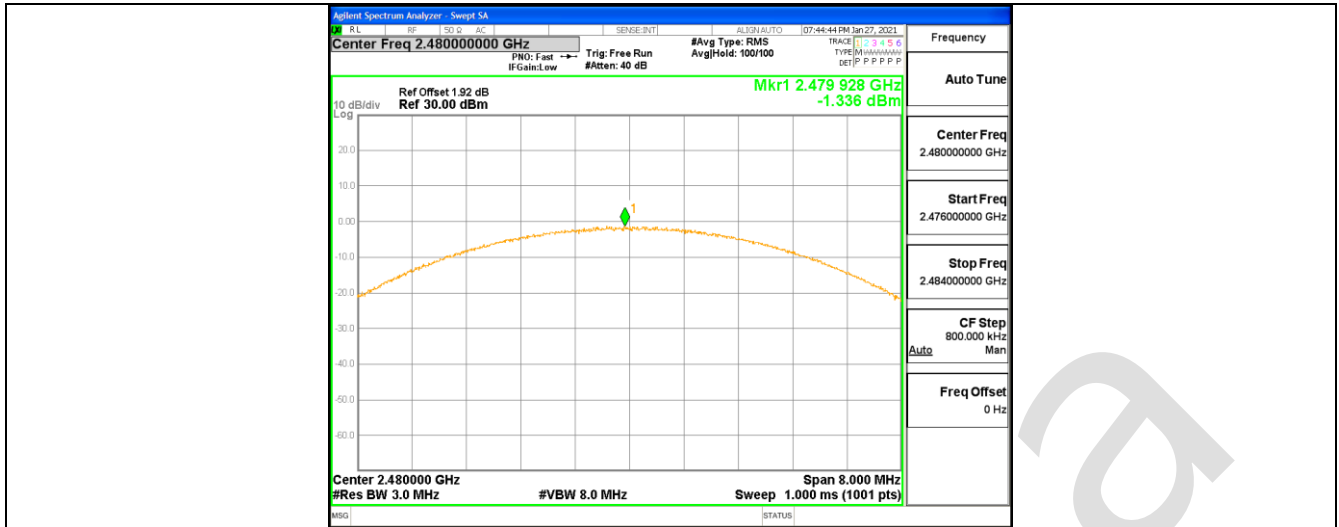
| TestMode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | 2402    | 0.54        | <=30       | PASS    |
|          |         | 2441    | 0.27        | <=30       | PASS    |
|          |         | 2480    | 0.08        | <=30       | PASS    |
| 2DH1     | Ant1    | 2402    | -1.52       | <=30       | PASS    |
|          |         | 2441    | -1.73       | <=30       | PASS    |
|          |         | 2480    | -1.93       | <=30       | PASS    |
| 3DH1     | Ant1    | 2402    | -0.91       | <=30       | PASS    |
|          |         | 2441    | -1.11       | <=30       | PASS    |
|          |         | 2480    | -1.34       | <=30       | PASS    |

## Test Graphs









### 21.3 APPENDIX D: CARRIER FREQUENCY SEPARATION

#### Test Result

| TestMode | Antenna | Channel | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|---------|-------------|--------------|---------|
| DH1      | Ant1    | Hop     | 0.984       | $\geq 0.738$ | PASS    |
| 2DH1     | Ant1    | Hop     | 1.006       | $\geq 0.926$ | PASS    |
| 3DH1     | Ant1    | Hop     | 1.322       | $\geq 0.912$ | PASS    |

## Test Graphs



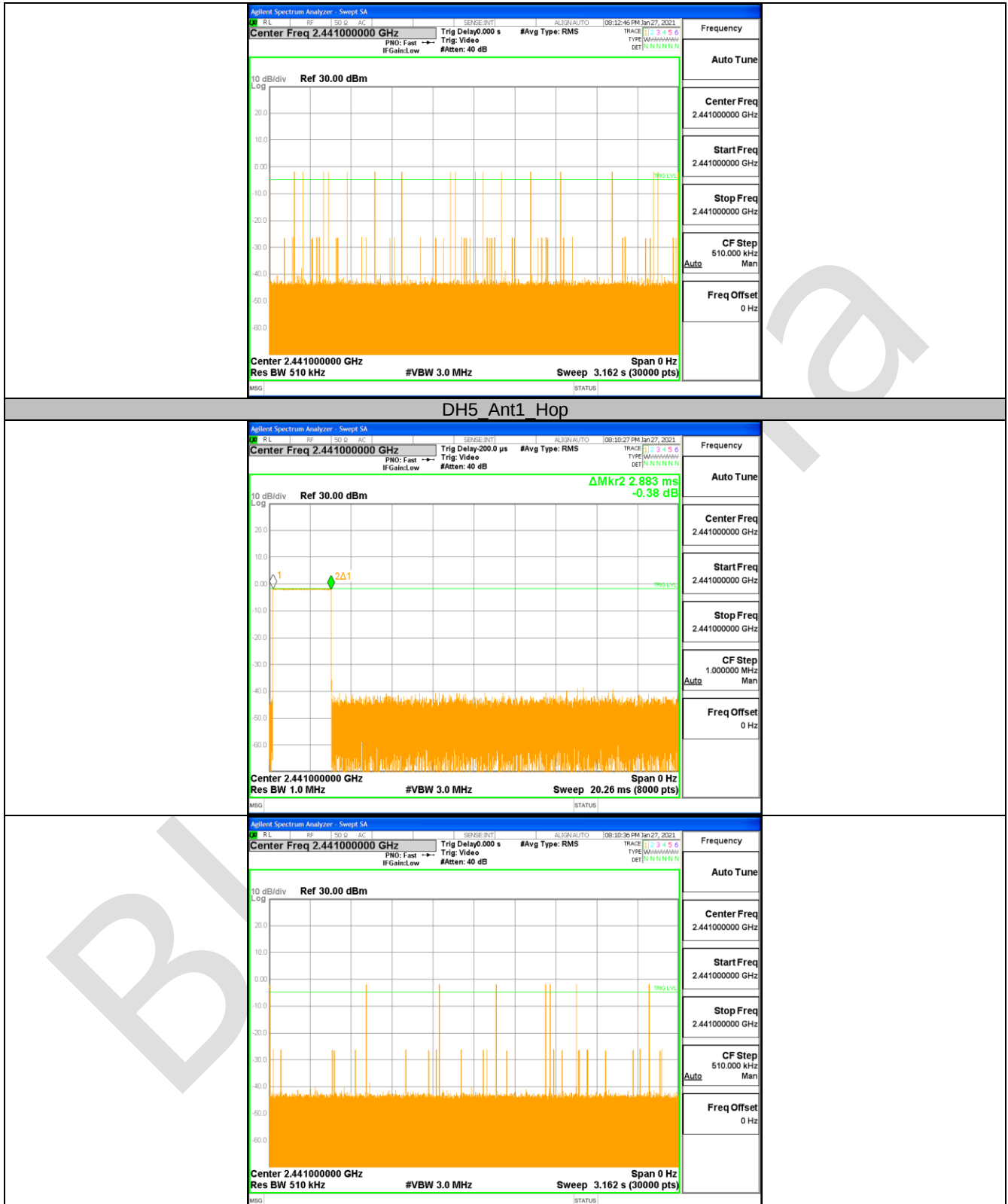
## 21.4 APPENDIX E: TIME OF OCCUPANCY

### Test Result

| TestMode | Antenna | Channel | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|---------|--------------------|--------------------|-----------|----------|---------|
| DH1      | Ant1    | Hop     | 0.38               | 330                | 0.126     | <=0.4    | PASS    |
| DH3      | Ant1    | Hop     | 1.64               | 190                | 0.311     | <=0.4    | PASS    |
| DH5      | Ant1    | Hop     | 2.88               | 80                 | 0.231     | <=0.4    | PASS    |

## Test Graphs





**21.5 APPENDIX F: NUMBER OF HOPPING CHANNELS****Test Result**

| TestMode | Antenna | Channel | Result[Num] | Limit[Num] | Verdict |
|----------|---------|---------|-------------|------------|---------|
| DH1      | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |
| 2DH1     | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |
| 3DH1     | Ant1    | Hop     | 79          | $\geq 15$  | PASS    |

## Test Graphs



## 21.6 APPENDIX G: BAND EDGE MEASUREMENTS

### Test Result

| TestMode | Antenna | ChName | Channel  | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|----------|----------------|--------------|-------------|---------|
| DH1      | Ant1    | Low    | 2402     | 0.29           | -56.39       | <=-19.71    | PASS    |
|          |         | High   | 2480     | -0.13          | -55.33       | <=-20.13    | PASS    |
|          |         | Low    | Hop_2402 | -0.71          | -56.21       | -20.71      | PASS    |
|          |         | High   | Hop_2480 | -0.08          | -55.44       | -20.08      | PASS    |
| 2DH1     | Ant1    | Low    | 2402     | -4.34          | -56.41       | <=-24.34    | PASS    |
|          |         | High   | 2480     | -4.73          | -55.35       | <=-24.73    | PASS    |
|          |         | Low    | Hop_2402 | -5.42          | -56.05       | -25.42      | PASS    |
|          |         | High   | Hop_2480 | -4.63          | -55.14       | -24.63      | PASS    |
| 3DH1     | Ant1    | Low    | 2402     | -4.20          | -56.38       | <=-24.2     | PASS    |
|          |         | High   | 2480     | -4.58          | -55.8        | <=-24.58    | PASS    |
|          |         | Low    | Hop_2402 | -4.15          | -56.56       | -24.15      | PASS    |
|          |         | High   | Hop_2480 | -4.78          | -55.25       | -24.78      | PASS    |

## Test Graphs









## 21.7 APPENDIX H: CONDUCTED SPURIOUS EMISSION

### Test Result

| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| DH1      | Ant1    | 2402    | Reference       | 0.09           | 0.09         | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -66.997      | <=-29.909   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -54.029      | <=-29.909   | PASS    |
|          |         | 2441    | Reference       | -0.16          | -0.16        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -66.89       | <=-30.157   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -54.374      | <=-30.157   | PASS    |
|          |         | 2480    | Reference       | -0.38          | -0.38        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -67.708      | <=-30.375   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -52.973      | <=-30.375   | PASS    |
| 2DH1     | Ant1    | 2402    | Reference       | -4.36          | -4.36        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -67.567      | <=-34.361   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -53.697      | <=-34.361   | PASS    |
|          |         | 2441    | Reference       | -5.10          | -5.10        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -67.383      | <=-35.103   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -53.808      | <=-35.103   | PASS    |
|          |         | 2480    | Reference       | -4.77          | -4.77        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -67.235      | <=-34.772   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -52.48       | <=-34.772   | PASS    |
| 3DH1     | Ant1    | 2402    | Reference       | -4.40          | -4.40        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -67.545      | <=-34.399   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -54.36       | <=-34.399   | PASS    |
|          |         | 2441    | Reference       | -4.46          | -4.46        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -67.191      | <=-34.458   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -54.082      | <=-34.458   | PASS    |
|          |         | 2480    | Reference       | -4.81          | -4.81        | ---         | PASS    |
|          |         |         | 30~1000         | 30~1000        | -66.384      | <=-34.813   | PASS    |
|          |         |         | 1000~26500      | 1000~26500     | -53.648      | <=-34.813   | PASS    |

## Test Graphs



