







## 10.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

### 10.3.1. Test Result

| Test Mode | Antenna | Frequency[MHz] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|----------------|-------------|------------|---------|
| 11B       | Ant0    | 2412           | 21.00       | ≤30.00     | PASS    |
|           | Ant1    | 2412           | 21.45       | ≤30.00     | PASS    |
|           | Ant0    | 2437           | 20.97       | ≤30.00     | PASS    |
|           | Ant1    | 2437           | 21.01       | ≤30.00     | PASS    |
|           | Ant0    | 2462           | 21.20       | ≤30.00     | PASS    |
|           | Ant1    | 2462           | 21.11       | ≤30.00     | PASS    |
| 11G       | Ant0    | 2412           | 18.97       | ≤30.00     | PASS    |
|           | Ant1    | 2412           | 19.73       | ≤30.00     | PASS    |
|           | Ant0    | 2437           | 19.04       | ≤30.00     | PASS    |
|           | Ant1    | 2437           | 19.65       | ≤30.00     | PASS    |
|           | Ant0    | 2462           | 19.23       | ≤30.00     | PASS    |
|           | Ant1    | 2462           | 19.56       | ≤30.00     | PASS    |
| 11N20SISO | Ant0    | 2412           | 19.13       | ≤30.00     | PASS    |
|           | Ant1    | 2412           | 19.96       | ≤30.00     | PASS    |
|           | Ant0    | 2437           | 19.04       | ≤30.00     | PASS    |
|           | Ant1    | 2437           | 19.41       | ≤30.00     | PASS    |
|           | Ant0    | 2462           | 19.35       | ≤30.00     | PASS    |
|           | Ant1    | 2462           | 19.59       | ≤30.00     | PASS    |

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

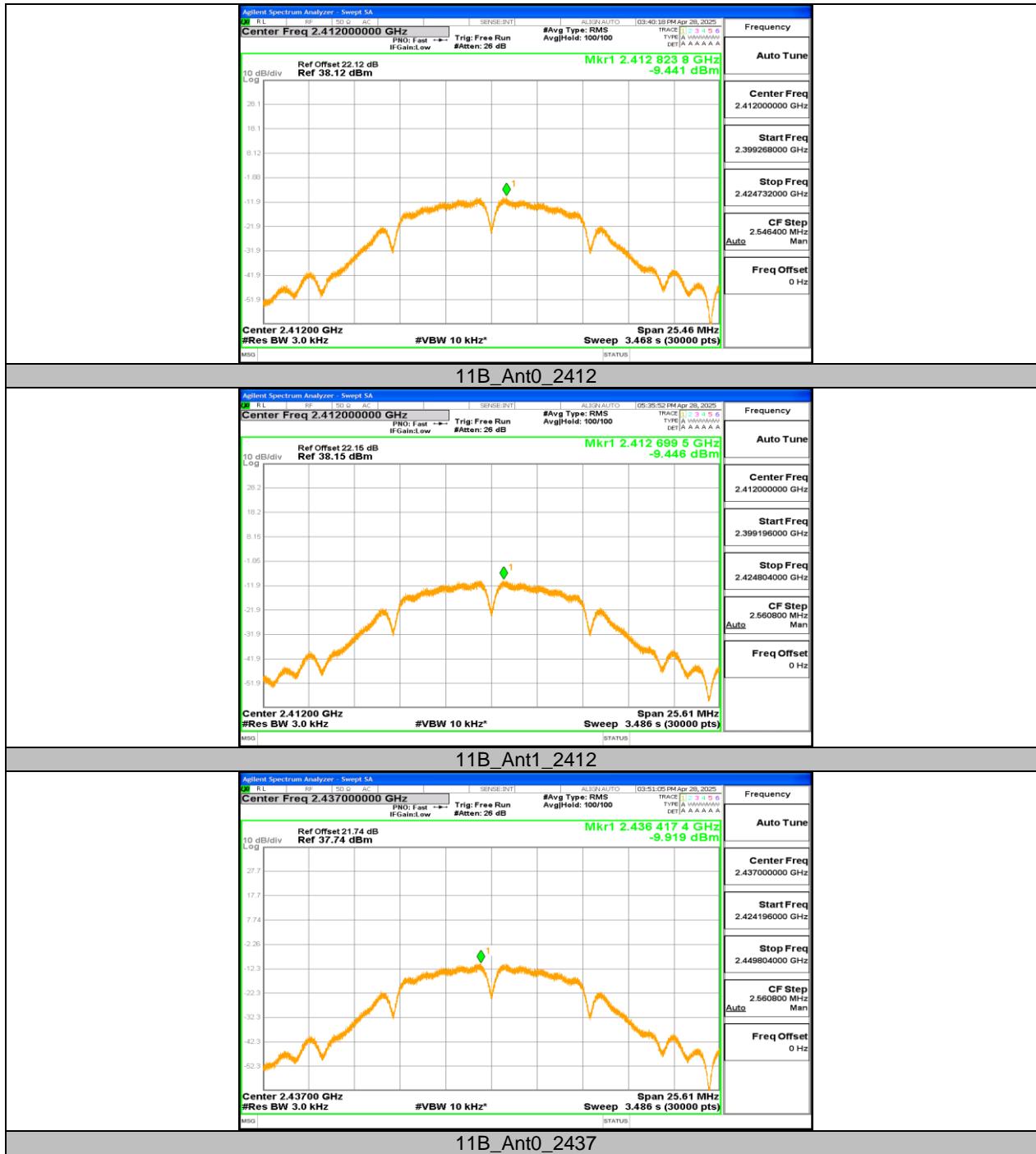
## 10.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

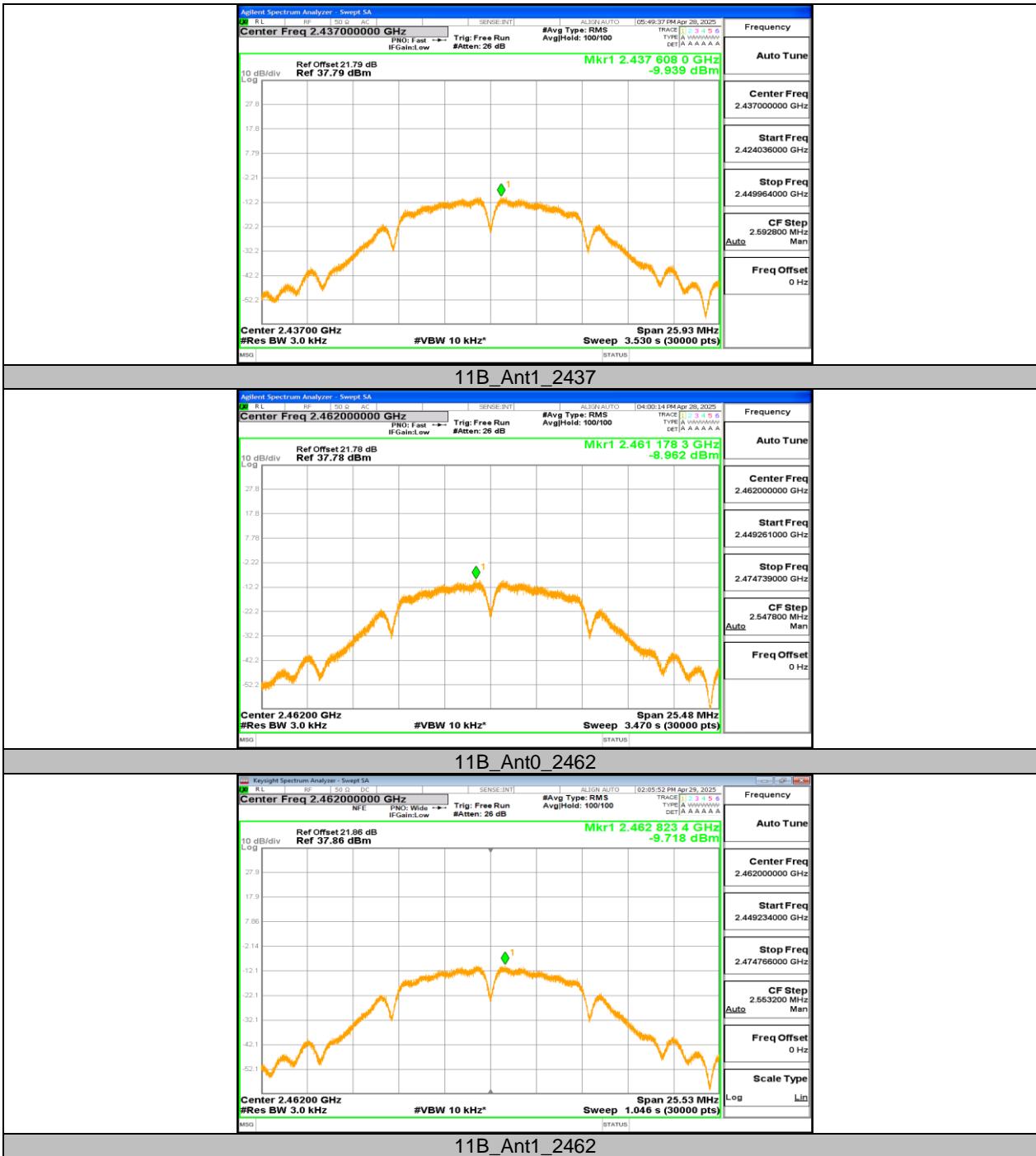
### 10.4.1. Test Result

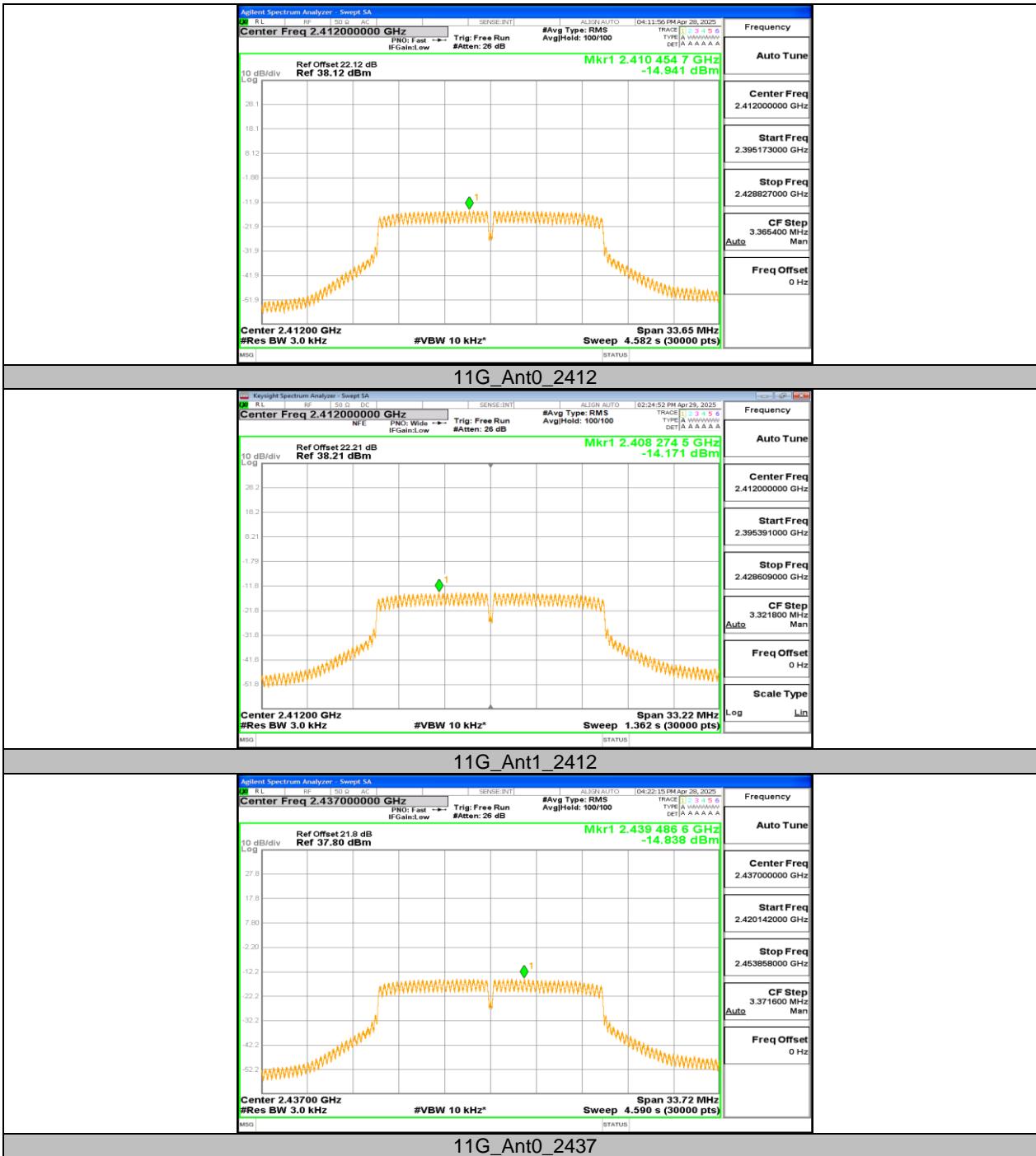
| Test Mode | Antenna | Frequency[MHz] | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|------------------|-----------------|---------|
| 11B       | Ant0    | 2412           | -9.44            | ≤8.00           | PASS    |
|           | Ant1    | 2412           | -9.45            | ≤8.00           | PASS    |
|           | Ant0    | 2437           | -9.92            | ≤8.00           | PASS    |
|           | Ant1    | 2437           | -9.94            | ≤8.00           | PASS    |
|           | Ant0    | 2462           | -8.96            | ≤8.00           | PASS    |
|           | Ant1    | 2462           | -9.72            | ≤8.00           | PASS    |
| 11G       | Ant0    | 2412           | -14.94           | ≤8.00           | PASS    |
|           | Ant1    | 2412           | -14.17           | ≤8.00           | PASS    |
|           | Ant0    | 2437           | -14.84           | ≤8.00           | PASS    |
|           | Ant1    | 2437           | -14.34           | ≤8.00           | PASS    |
|           | Ant0    | 2462           | -14.86           | ≤8.00           | PASS    |
|           | Ant1    | 2462           | -14.27           | ≤8.00           | PASS    |
| 11N20SISO | Ant0    | 2412           | -14.89           | ≤8.00           | PASS    |
|           | Ant1    | 2412           | -14.07           | ≤8.00           | PASS    |
|           | Ant0    | 2437           | -15.19           | ≤8.00           | PASS    |
|           | Ant1    | 2437           | -14.42           | ≤8.00           | PASS    |
|           | Ant0    | 2462           | -14.44           | ≤8.00           | PASS    |
|           | Ant1    | 2462           | -14.28           | ≤8.00           | PASS    |

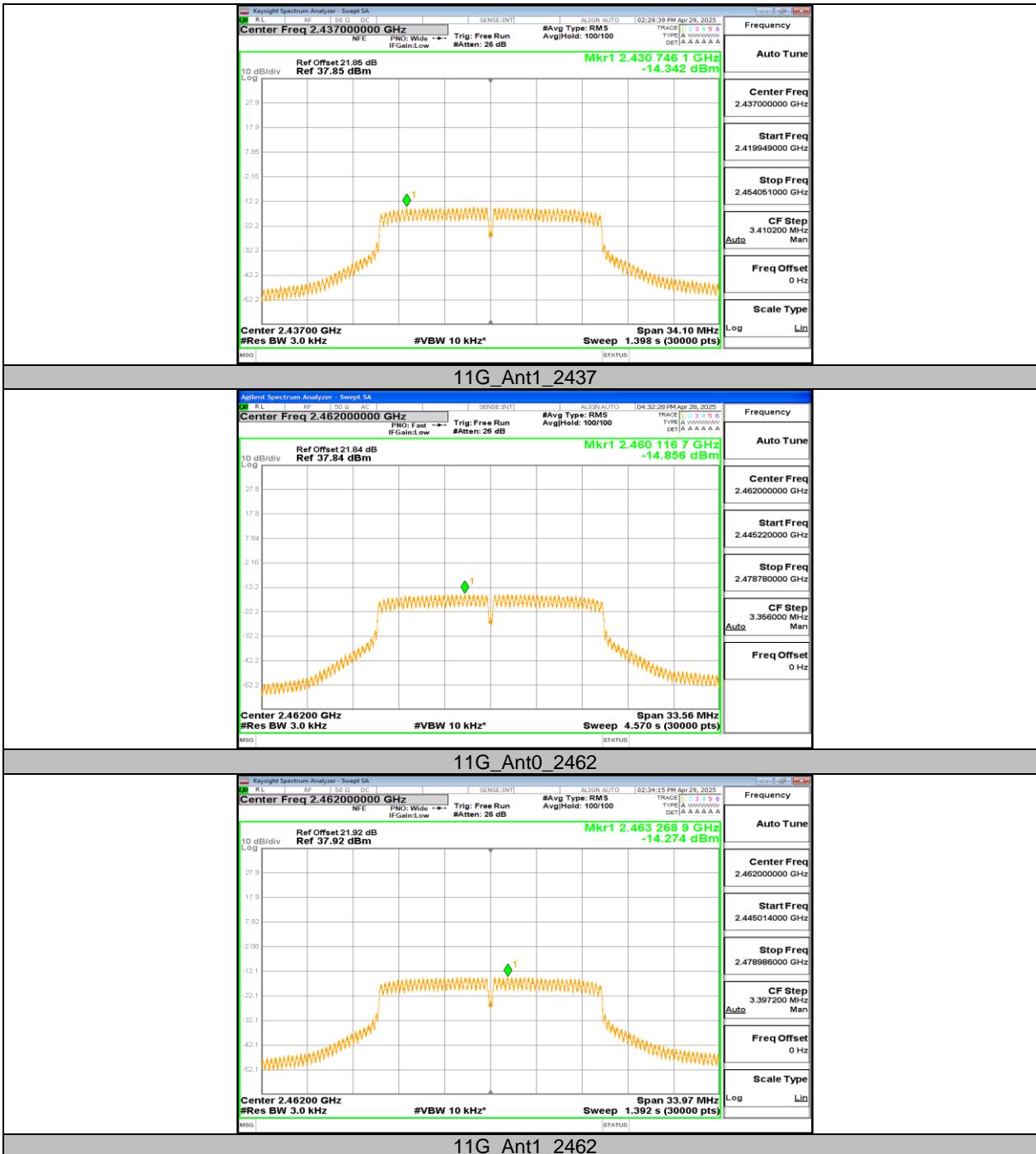
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

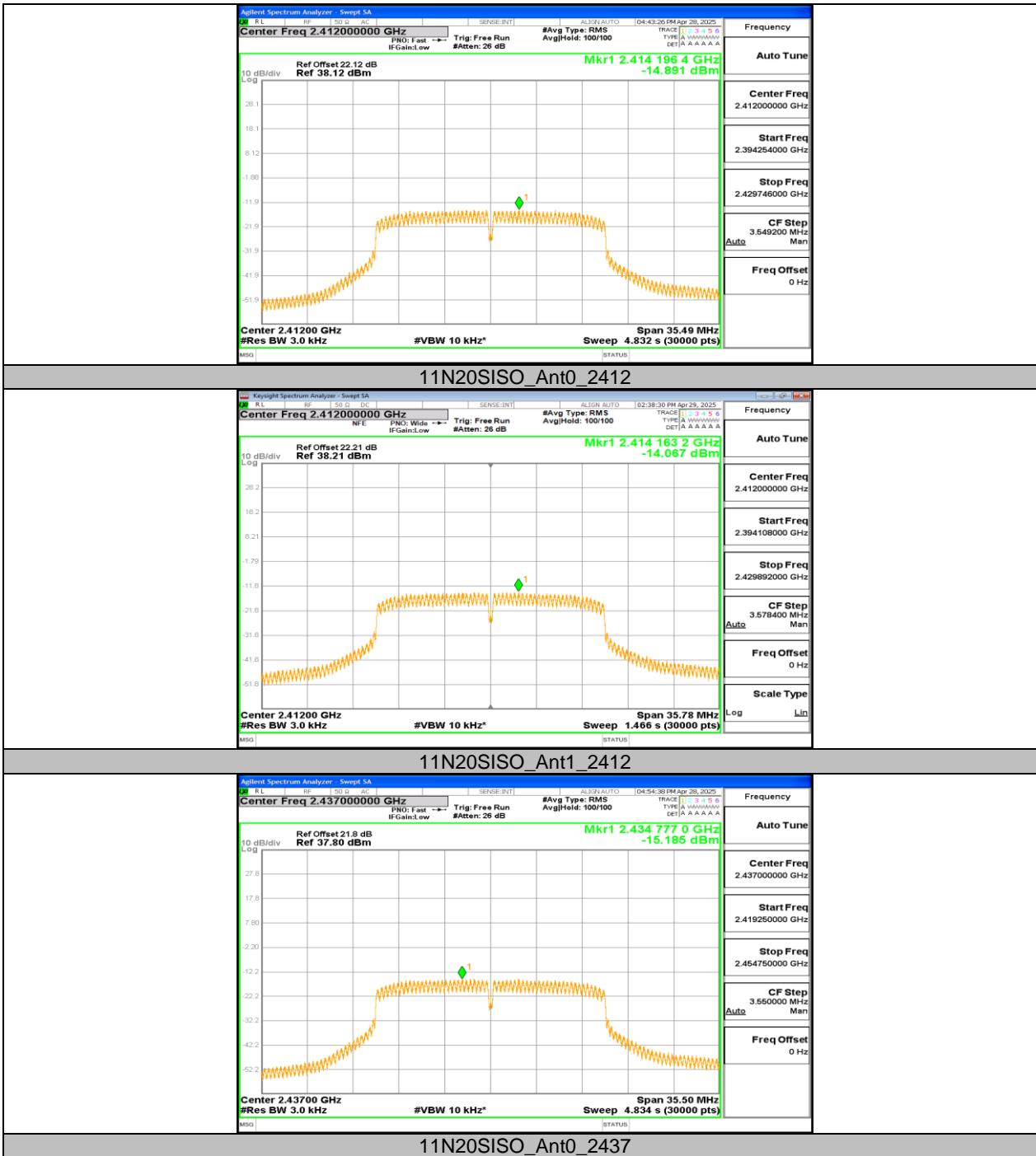
## 10.4.2. Test Graphs

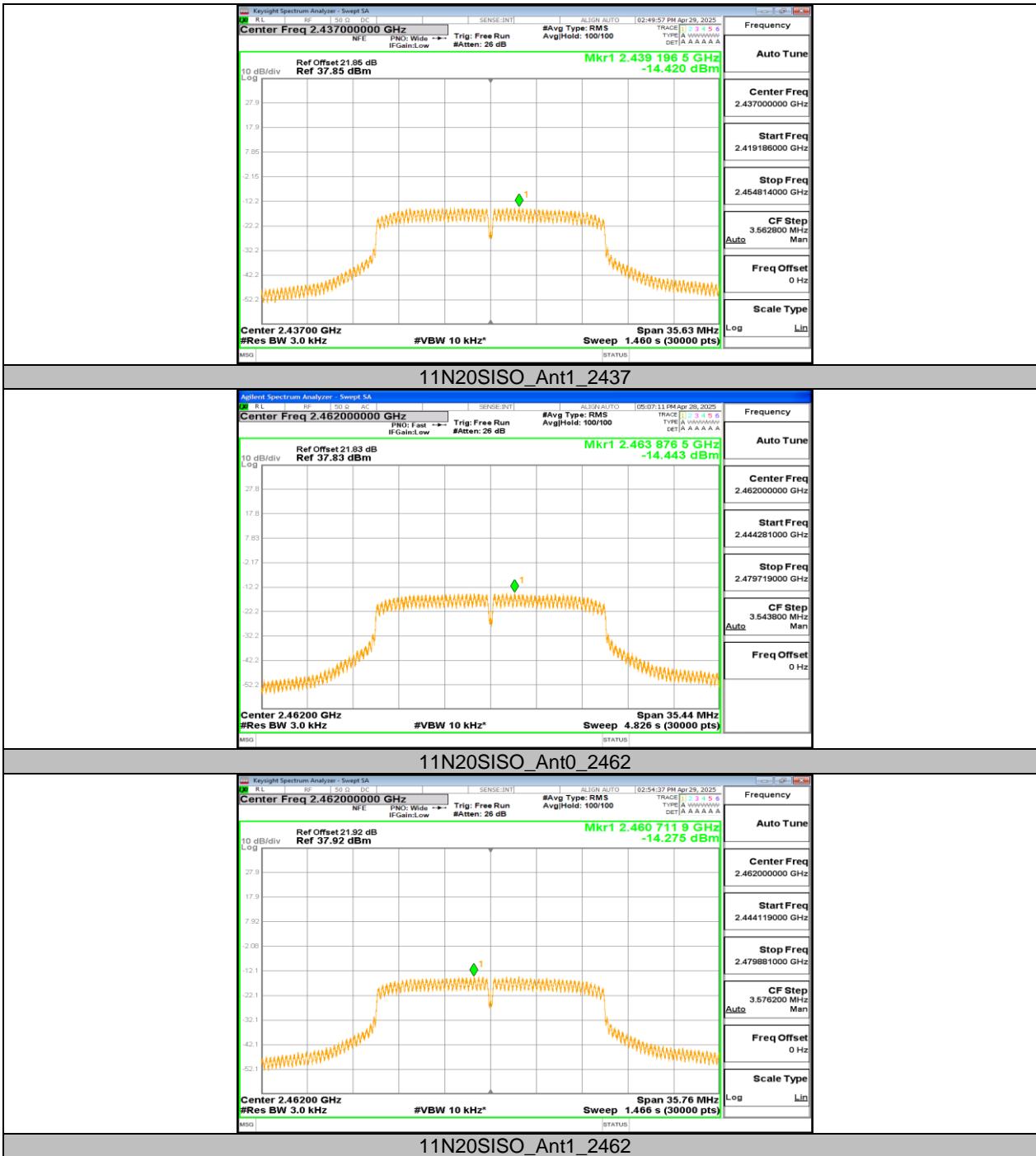












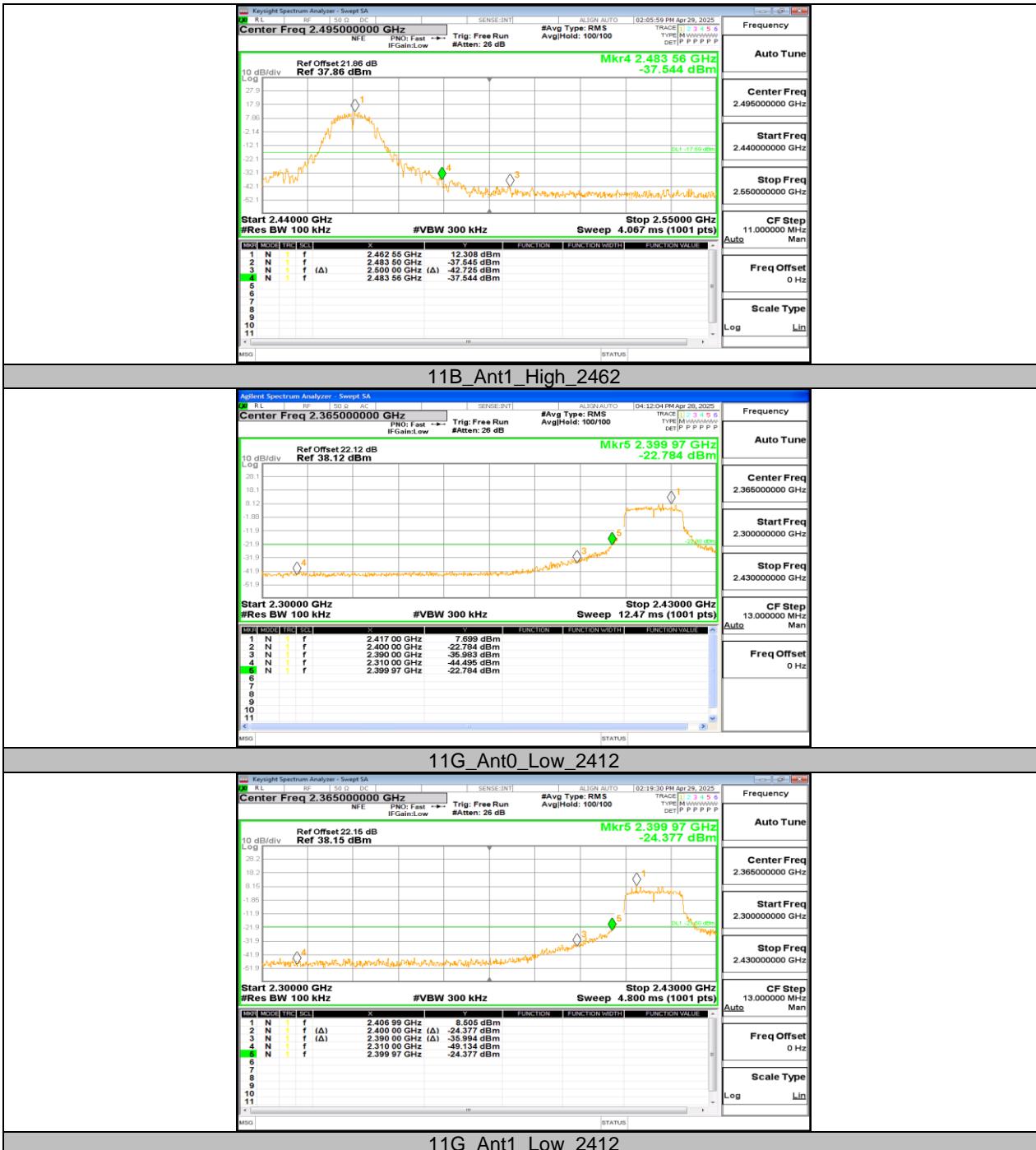
## 10.5. APPENDIX E: BAND EDGE MEASUREMENTS

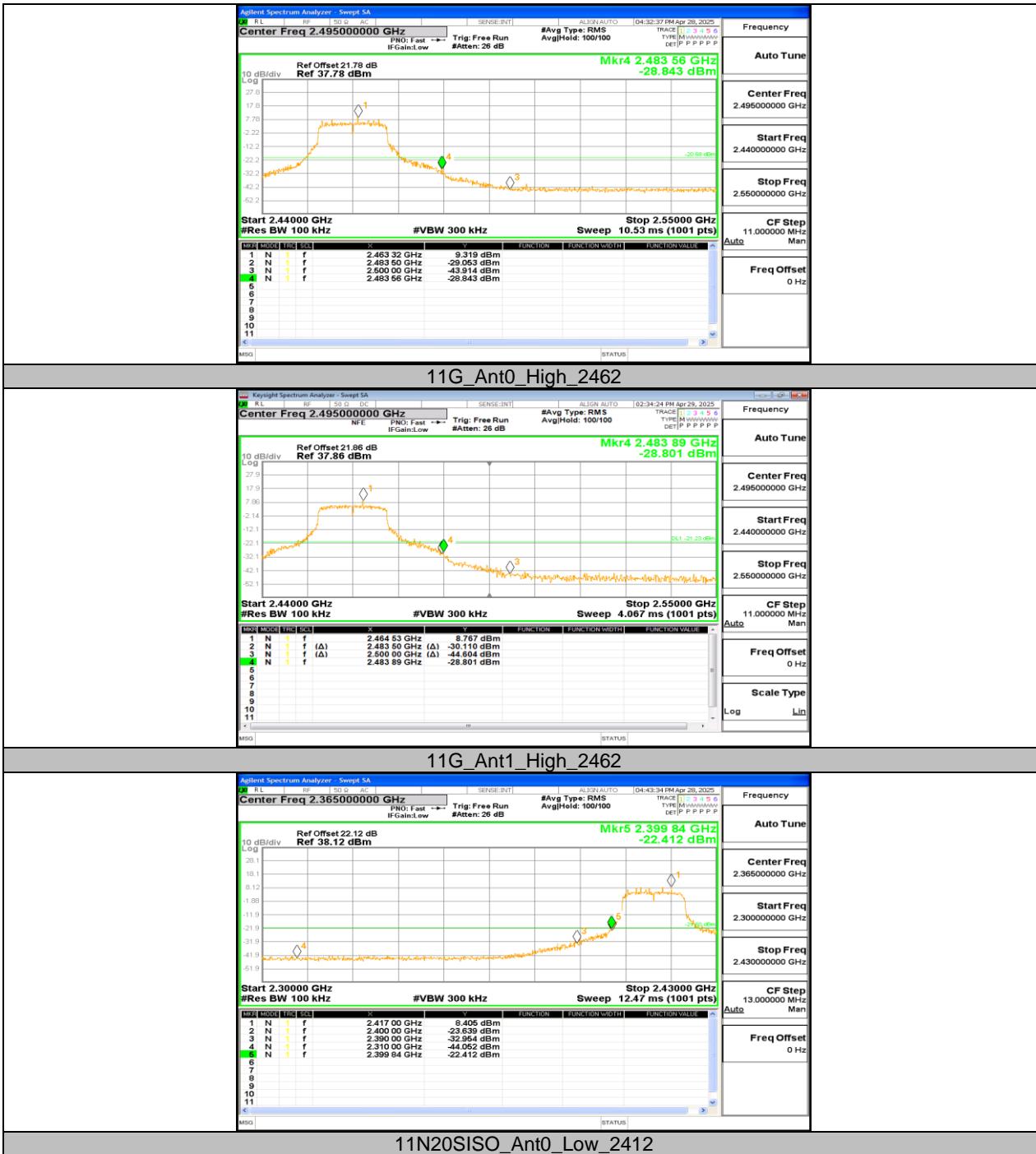
### 10.5.1. Test Result

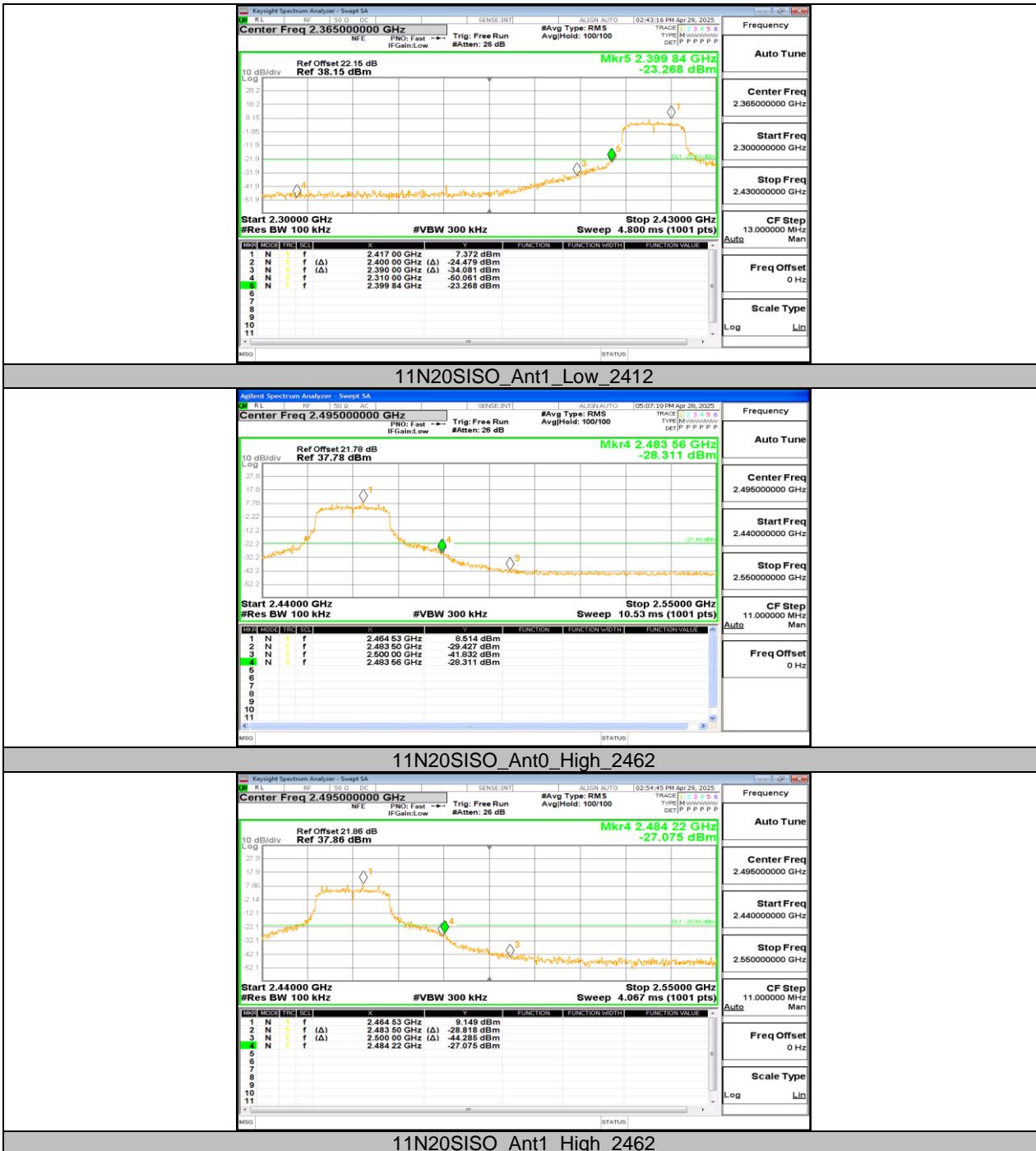
| Test Mode | Antenna | ChName | Frequency [MHz] | RefLevel [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|-----------------|----------------|-------------|------------|---------|
| 11B       | Ant0    | Low    | 2412            | 12.68          | -25.07      | ≤-17.32    | PASS    |
|           | Ant1    | Low    | 2412            | 12.41          | -26.52      | ≤-17.59    | PASS    |
|           | Ant0    | High   | 2462            | 11.85          | -33.98      | ≤-18.15    | PASS    |
|           | Ant1    | High   | 2462            | 12.31          | -37.54      | ≤-17.69    | PASS    |
| 11G       | Ant0    | Low    | 2412            | 7.70           | -22.78      | ≤-22.3     | PASS    |
|           | Ant1    | Low    | 2412            | 8.51           | -24.38      | ≤-21.5     | PASS    |
|           | Ant0    | High   | 2462            | 9.32           | -28.84      | ≤-20.68    | PASS    |
|           | Ant1    | High   | 2462            | 8.77           | -28.8       | ≤-21.23    | PASS    |
| 11N20SISO | Ant0    | Low    | 2412            | 8.41           | -22.41      | ≤-21.6     | PASS    |
|           | Ant1    | Low    | 2412            | 7.37           | -23.27      | ≤-22.63    | PASS    |
|           | Ant0    | High   | 2462            | 8.51           | -28.31      | ≤-21.49    | PASS    |
|           | Ant1    | High   | 2462            | 9.15           | -27.08      | ≤-20.85    | PASS    |

## 10.5.2. Test Graphs









## 10.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

### 10.6.1. Test Result

| Test Mode | Antenna | Frequency[MHz] | FreqRange [Mhz] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|--------------|-------------|---------|
| 11B       | Ant0    | 2412           | Reference       | 11.91        | ---         | PASS    |
|           |         |                | 30~1000         | -49.05       | ≤-18.09     | PASS    |
|           |         |                | 1000~26500      | -27.71       | ≤-18.09     | PASS    |
|           | Ant1    | 2412           | Reference       | 11.49        | ---         | PASS    |
|           |         |                | 30~1000         | -48.91       | ≤-18.51     | PASS    |
|           |         |                | 1000~26500      | -27.14       | ≤-18.51     | PASS    |
|           | Ant0    | 2437           | Reference       | 10.74        | ---         | PASS    |
|           |         |                | 30~1000         | -49.67       | ≤-19.26     | PASS    |
|           |         |                | 1000~26500      | -28.2        | ≤-19.26     | PASS    |
|           | Ant1    | 2437           | Reference       | 11.11        | ---         | PASS    |
|           |         |                | 30~1000         | -49.26       | ≤-18.89     | PASS    |
|           |         |                | 1000~26500      | -27.27       | ≤-18.89     | PASS    |
| 11G       | Ant0    | 2462           | Reference       | 11.00        | ---         | PASS    |
|           |         |                | 30~1000         | -49.82       | ≤-19        | PASS    |
|           |         |                | 1000~26500      | -27.83       | ≤-19        | PASS    |
|           | Ant1    | 2462           | Reference       | 10.84        | ---         | PASS    |
|           |         |                | 30~1000         | -50.33       | ≤-19.16     | PASS    |
|           |         |                | 1000~26500      | -36.02       | ≤-19.16     | PASS    |
|           | Ant0    | 2412           | Reference       | 4.76         | ---         | PASS    |
|           |         |                | 30~1000         | -48.9        | ≤-25.24     | PASS    |
|           |         |                | 1000~26500      | -27.88       | ≤-25.24     | PASS    |
|           | Ant1    | 2412           | Reference       | 5.01         | ---         | PASS    |
|           |         |                | 30~1000         | -50.69       | ≤-24.99     | PASS    |
|           |         |                | 1000~26500      | -35.81       | ≤-24.99     | PASS    |
| 11N20SISO | Ant0    | 2437           | Reference       | 4.86         | ---         | PASS    |
|           |         |                | 30~1000         | -48.89       | ≤-25.14     | PASS    |
|           |         |                | 1000~26500      | -28.2        | ≤-25.14     | PASS    |
|           | Ant1    | 2437           | Reference       | 5.95         | ---         | PASS    |
|           |         |                | 30~1000         | -50.99       | ≤-24.05     | PASS    |
|           |         |                | 1000~26500      | -35.83       | ≤-24.05     | PASS    |
|           | Ant0    | 2462           | Reference       | 5.34         | ---         | PASS    |
|           |         |                | 30~1000         | -49.57       | ≤-24.66     | PASS    |
|           |         |                | 1000~26500      | -27.41       | ≤-24.66     | PASS    |
|           | Ant1    | 2462           | Reference       | 5.80         | ---         | PASS    |
|           |         |                | 30~1000         | -51.29       | ≤-24.2      | PASS    |
|           |         |                | 1000~26500      | -35.9        | ≤-24.2      | PASS    |
| 11N20SISO | Ant0    | 2412           | Reference       | 5.10         | ---         | PASS    |
|           |         |                | 30~1000         | -49.38       | ≤-24.9      | PASS    |
|           |         |                | 1000~26500      | -26.93       | ≤-24.9      | PASS    |
|           | Ant1    | 2412           | Reference       | 7.86         | ---         | PASS    |
|           |         |                | 30~1000         | -51.48       | ≤-22.14     | PASS    |
|           |         |                | 1000~26500      | -35.68       | ≤-22.14     | PASS    |
|           | Ant0    | 2437           | Reference       | 9.16         | ---         | PASS    |
|           |         |                | 30~1000         | -49.36       | ≤-20.84     | PASS    |
|           |         |                | 1000~26500      | -28.11       | ≤-20.84     | PASS    |
|           | Ant1    | 2437           | Reference       | 8.66         | ---         | PASS    |
|           |         |                | 30~1000         | -51.47       | ≤-21.34     | PASS    |
|           |         |                | 1000~26500      | -35.61       | ≤-21.34     | PASS    |
|           | Ant0    | 2462           | Reference       | 8.51         | ---         | PASS    |
|           |         |                | 30~1000         | -49.41       | ≤-21.49     | PASS    |
|           |         |                | 1000~26500      | -27.51       | ≤-21.49     | PASS    |
|           | Ant1    | 2462           | Reference       | 5.62         | ---         | PASS    |
|           |         |                | 30~1000         | -50.86       | ≤-24.38     | PASS    |
|           |         |                | 1000~26500      | -34.04       | ≤-24.38     | PASS    |

## 10.6.2. Test Graphs

