

## Appendix A: DTS Bandwidth

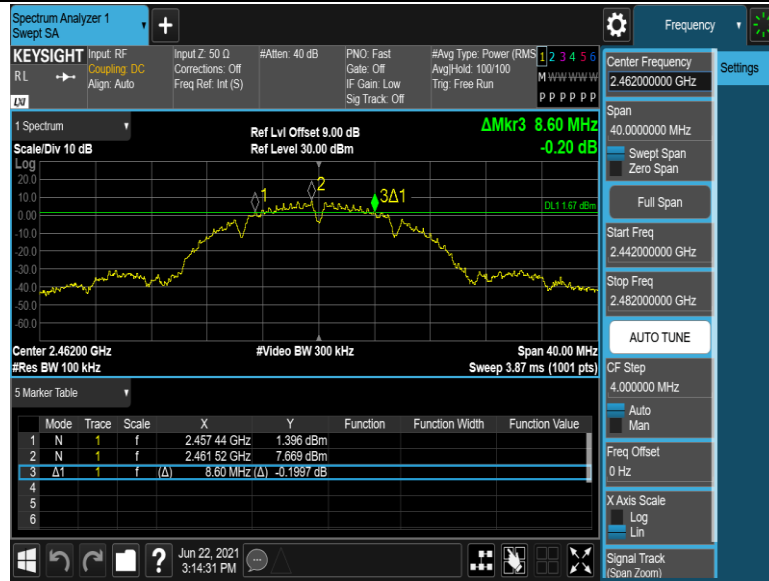
### Test Result

| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 8.640        | 2407.440 | 2416.080 | >=0.5      | PASS    |
|           |         | 2437    | 8.640        | 2432.920 | 2441.560 | >=0.5      | PASS    |
|           |         | 2462    | 8.600        | 2457.440 | 2466.040 | >=0.5      | PASS    |
| 11G       | Ant1    | 2412    | 10.560       | 2407.760 | 2418.320 | >=0.5      | PASS    |
|           |         | 2437    | 10.040       | 2431.960 | 2442.000 | >=0.5      | PASS    |
|           |         | 2462    | 9.480        | 2457.560 | 2467.040 | >=0.5      | PASS    |
| 11N20SISO | Ant1    | 2412    | 8.960        | 2408.120 | 2417.080 | >=0.5      | PASS    |
|           |         | 2437    | 9.160        | 2432.920 | 2442.080 | >=0.5      | PASS    |
|           |         | 2462    | 8.000        | 2457.800 | 2465.800 | >=0.5      | PASS    |
| 11N40SISO | Ant1    | 2422    | 28.880       | 2406.960 | 2435.840 | >=0.5      | PASS    |
|           |         | 2437    | 30.240       | 2420.600 | 2450.840 | >=0.5      | PASS    |
|           |         | 2452    | 28.880       | 2436.960 | 2465.840 | >=0.5      | PASS    |

Test Graphs



# 11B\_Ant1\_2462



# 11G\_Ant1\_2412



# 11G\_Ant1\_2437



# 11G\_Ant1\_2462



# 11N20SISO\_Ant1\_2412



# 11N20SISO\_Ant1\_2437



# 11N20SISO\_Ant1\_2462



# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



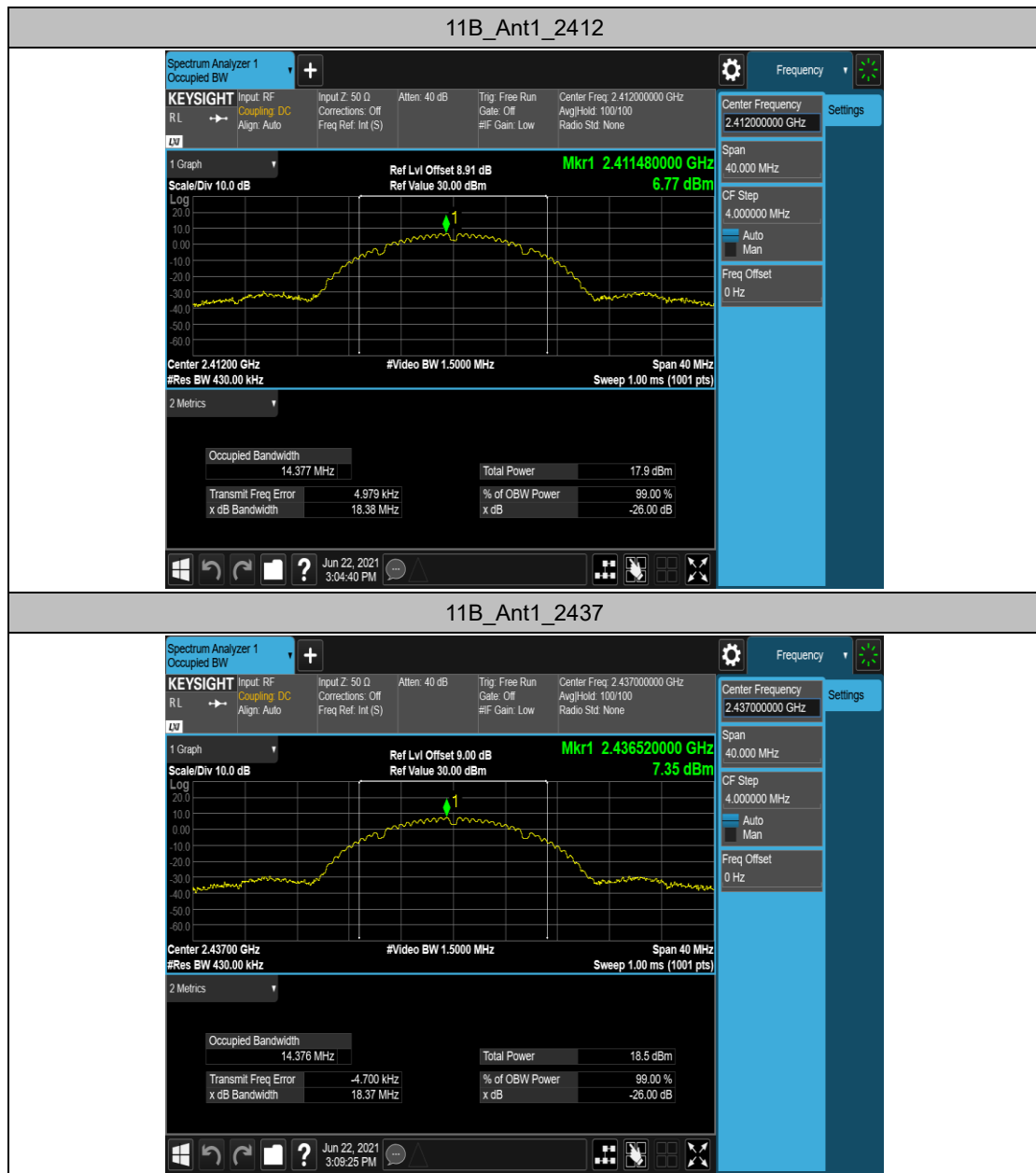
## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 14.377    | 2404.816 | 2419.193 | ---        | PASS    |
|           |         | 2437    | 14.376    | 2429.807 | 2444.183 | ---        | PASS    |
|           |         | 2462    | 14.457    | 2454.801 | 2469.258 | ---        | PASS    |
| 11G       | Ant1    | 2412    | 15.970    | 2404.044 | 2420.014 | ---        | PASS    |
|           |         | 2437    | 15.981    | 2429.011 | 2444.992 | ---        | PASS    |
|           |         | 2462    | 16.036    | 2453.941 | 2469.977 | ---        | PASS    |
| 11N20SISO | Ant1    | 2412    | 16.727    | 2403.649 | 2420.376 | ---        | PASS    |
|           |         | 2437    | 16.717    | 2428.616 | 2445.333 | ---        | PASS    |
|           |         | 2462    | 16.781    | 2453.556 | 2470.337 | ---        | PASS    |
| 11N40SISO | Ant1    | 2422    | 35.361    | 2404.297 | 2439.658 | ---        | PASS    |
|           |         | 2437    | 35.343    | 2419.258 | 2454.601 | ---        | PASS    |
|           |         | 2452    | 35.442    | 2434.143 | 2469.585 | ---        | PASS    |



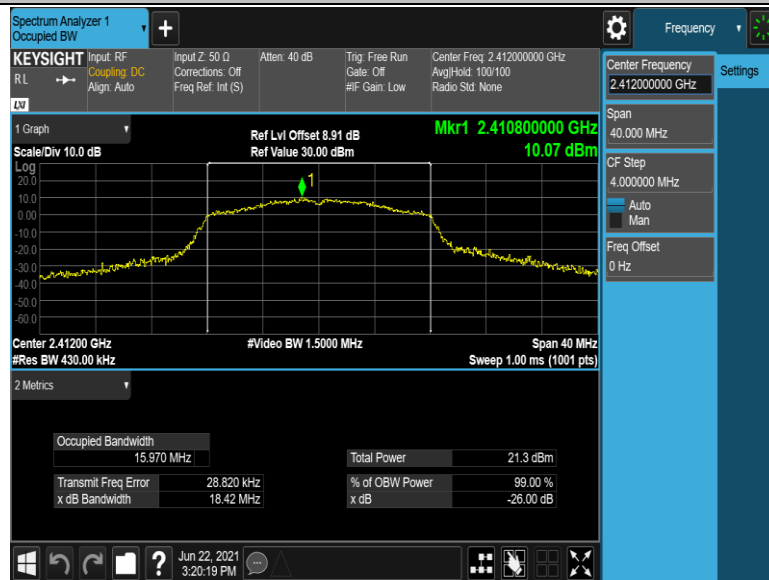
## Test Graphs



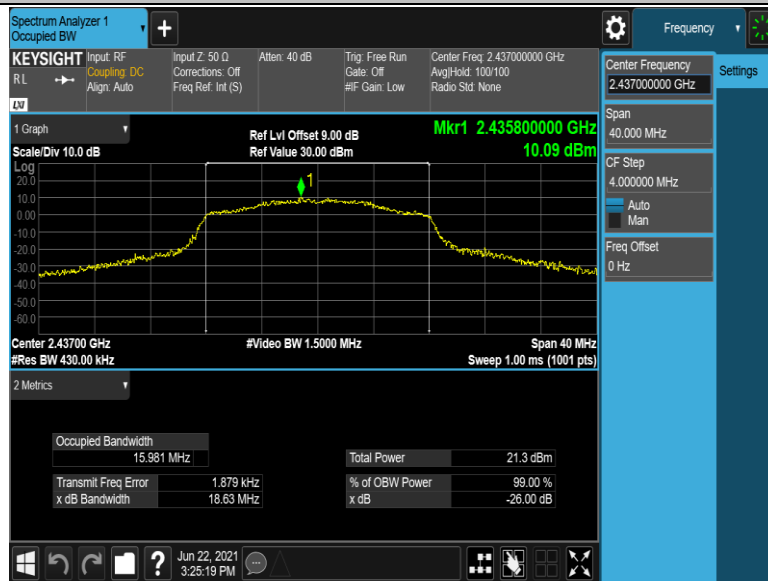
# 11B\_Ant1\_2462



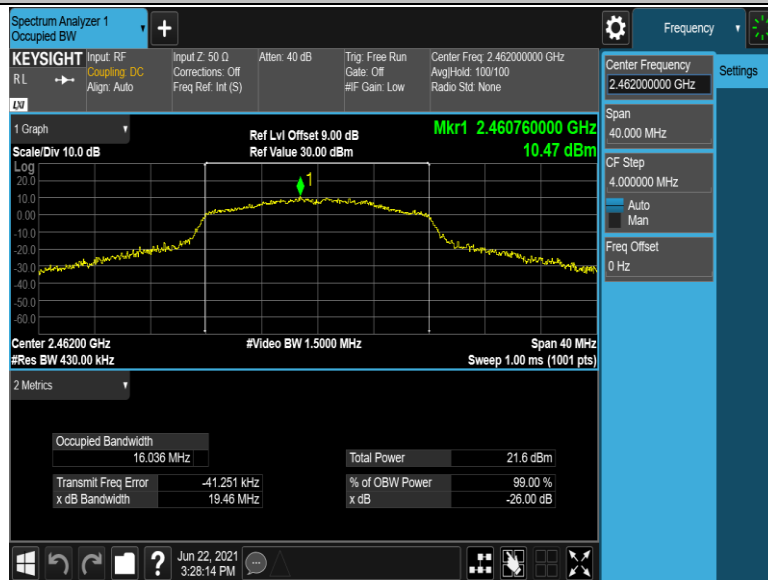
# 11G\_Ant1\_2412



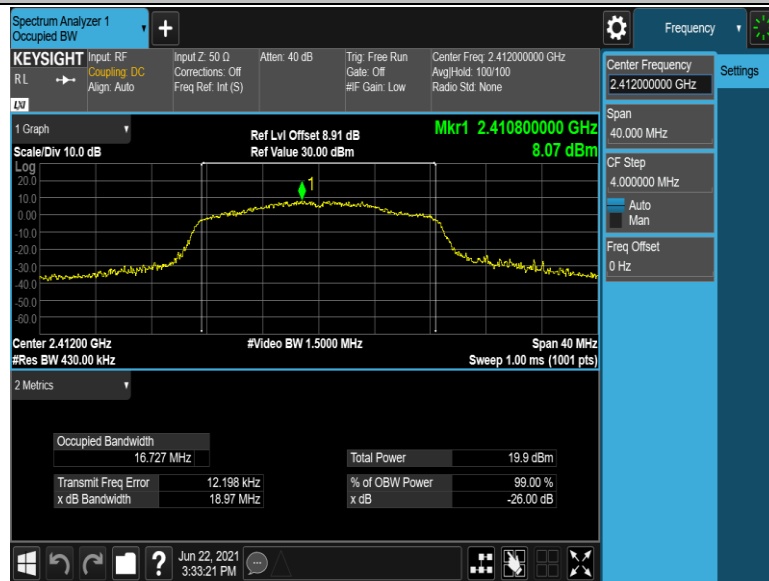
# 11G\_Ant1\_2437



# 11G\_Ant1\_2462



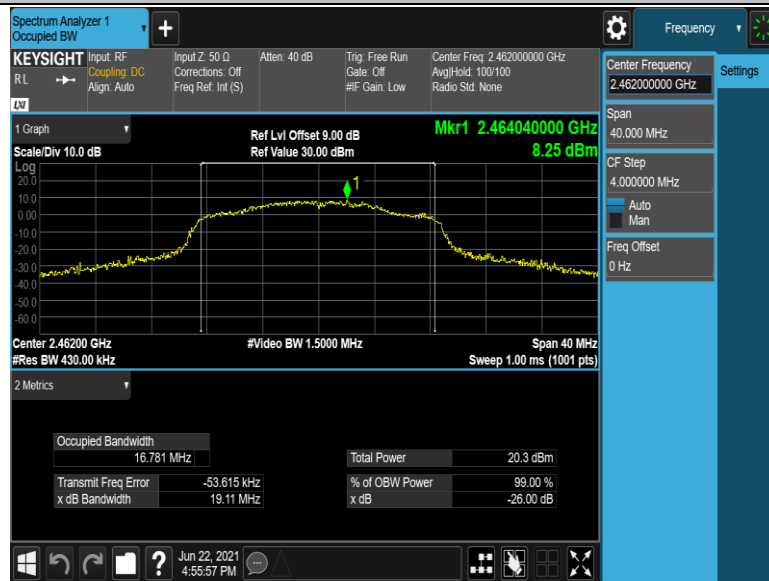
# 11N20SISO\_Ant1\_2412



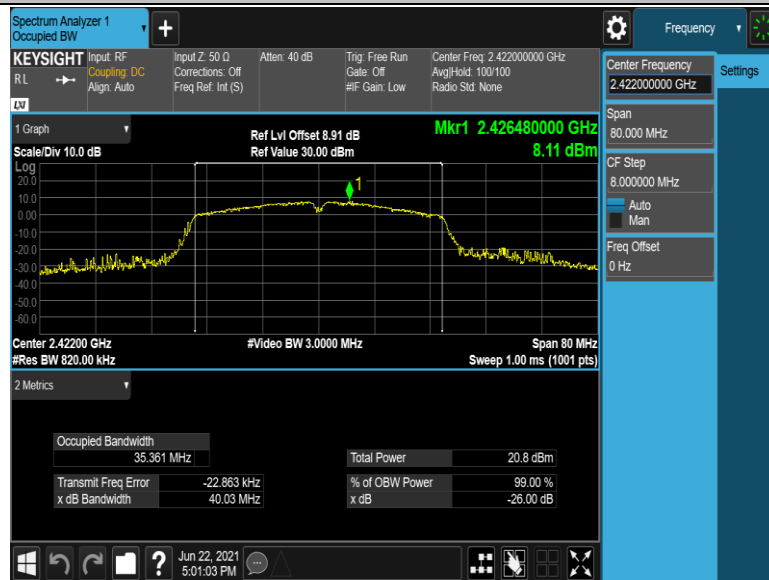
# 11N20SISO\_Ant1\_2437



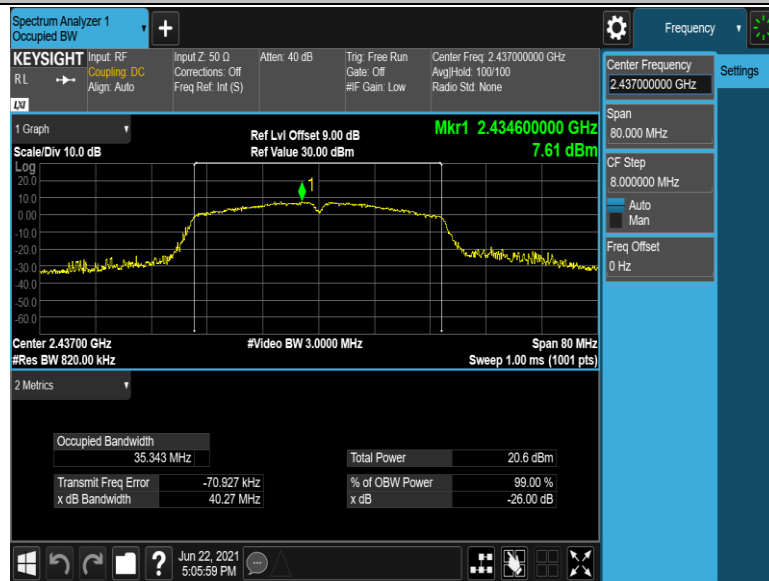
# 11N20SISO\_Ant1\_2462



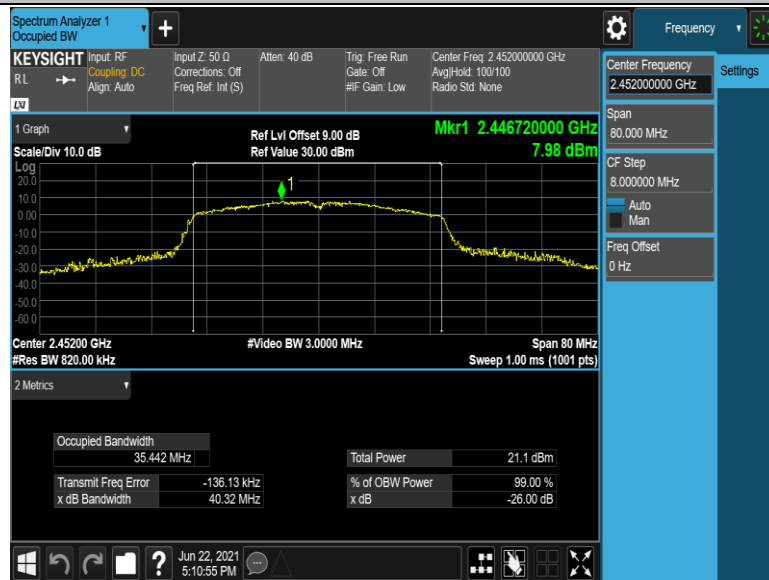
# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



## Appendix C: Maximum conducted output power

### Test Result

| TestMode  | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant1    | 2412    | 14.80       | <=30       | PASS    |
|           |         | 2437    | 15.48       | <=30       | PASS    |
|           |         | 2462    | 16.38       | <=30       | PASS    |
| 11G       | Ant1    | 2412    | 15.18       | <=30       | PASS    |
|           |         | 2437    | 15.12       | <=30       | PASS    |
|           |         | 2462    | 15.50       | <=30       | PASS    |
| 11N20SISO | Ant1    | 2412    | 13.78       | <=30       | PASS    |
|           |         | 2437    | 14.25       | <=30       | PASS    |
|           |         | 2462    | 13.99       | <=30       | PASS    |
| 11N40SISO | Ant1    | 2422    | 13.92       | <=30       | PASS    |
|           |         | 2437    | 13.77       | <=30       | PASS    |
|           |         | 2452    | 14.26       | <=30       | PASS    |

| TestMode  | Antenna | Channel | e.i.r.p Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|---------------------|------------|---------|
| 11B       | Ant1    | 2412    | 13.80               | <=36       | PASS    |
|           |         | 2437    | 14.48               | <=36       | PASS    |
|           |         | 2462    | 15.38               | <=36       | PASS    |
| 11G       | Ant1    | 2412    | 14.18               | <=36       | PASS    |
|           |         | 2437    | 14.12               | <=36       | PASS    |
|           |         | 2462    | 14.50               | <=36       | PASS    |
| 11N20SISO | Ant1    | 2412    | 12.78               | <=36       | PASS    |
|           |         | 2437    | 13.25               | <=36       | PASS    |
|           |         | 2462    | 12.99               | <=36       | PASS    |
| 11N40SISO | Ant1    | 2422    | 12.92               | <=36       | PASS    |
|           |         | 2437    | 12.77               | <=36       | PASS    |
|           |         | 2452    | 13.26               | <=36       | PASS    |

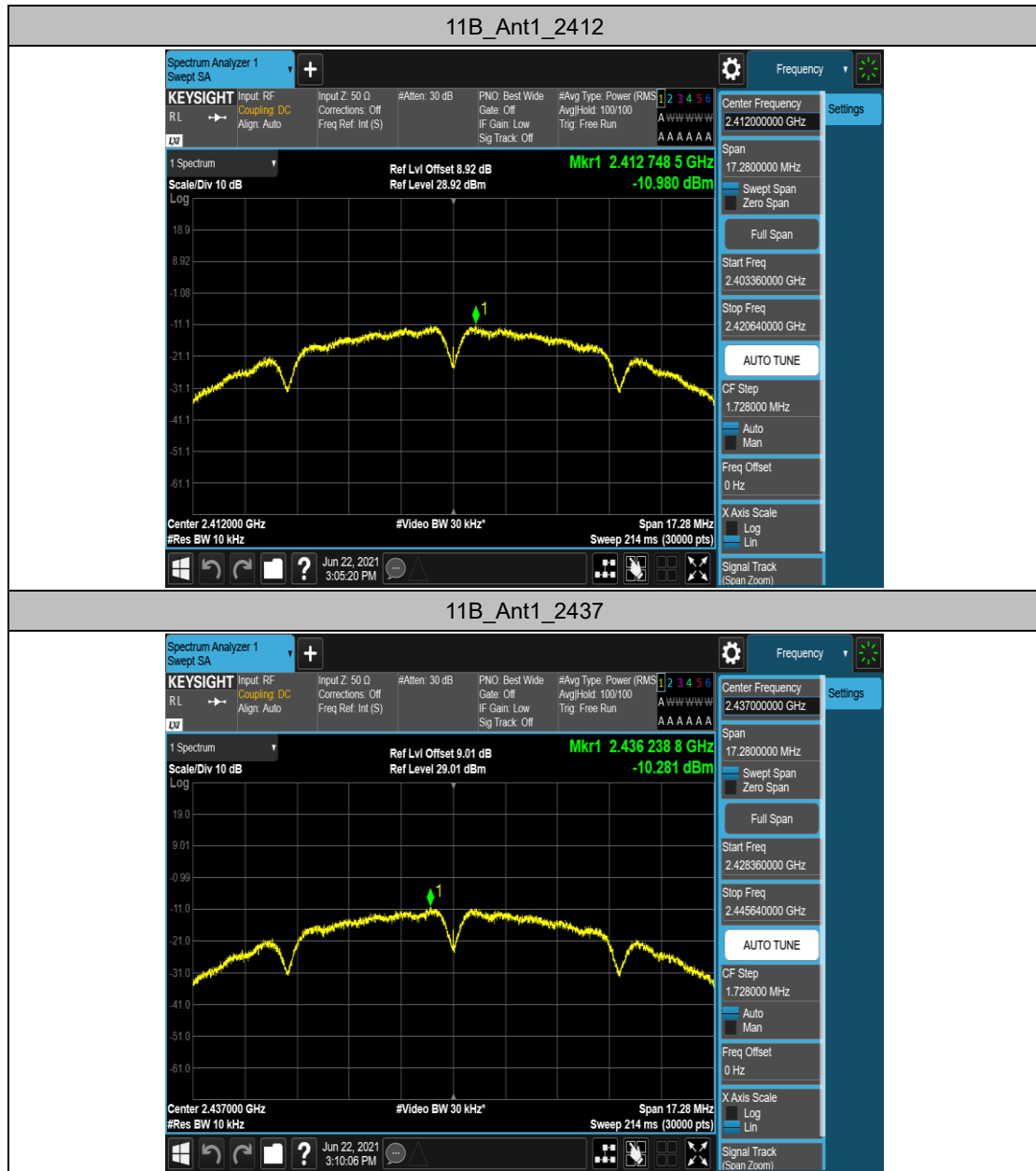
## Appendix D: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -10.98               | <=8             | PASS    |
|           |         | 2437    | -10.28               | <=8             | PASS    |
|           |         | 2462    | -9.74                | <=8             | PASS    |
| 11G       | Ant1    | 2412    | -9.83                | <=8             | PASS    |
|           |         | 2437    | -9.41                | <=8             | PASS    |
|           |         | 2462    | -9.84                | <=8             | PASS    |
| 11N20SISO | Ant1    | 2412    | -11.81               | <=8             | PASS    |
|           |         | 2437    | -11.36               | <=8             | PASS    |
|           |         | 2462    | -11.31               | <=8             | PASS    |
| 11N40SISO | Ant1    | 2422    | -13.43               | <=8             | PASS    |
|           |         | 2437    | -13.51               | <=8             | PASS    |
|           |         | 2452    | -12.47               | <=8             | PASS    |



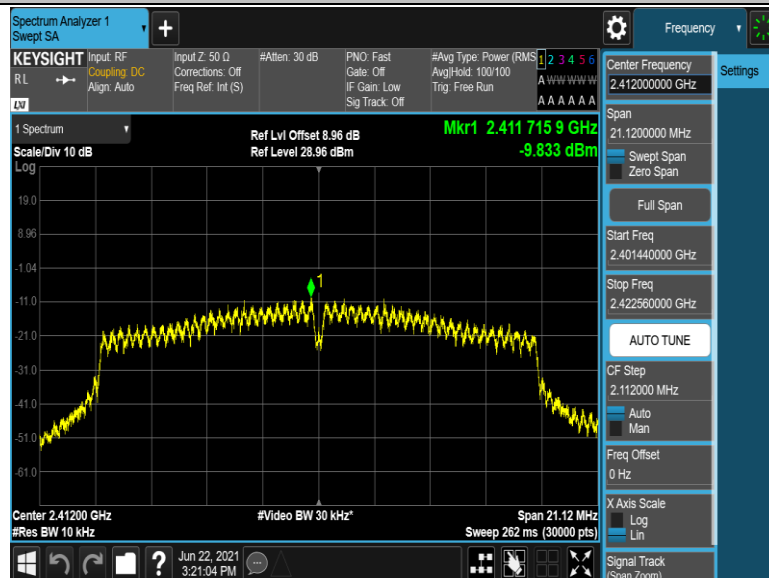
## Test Graphs



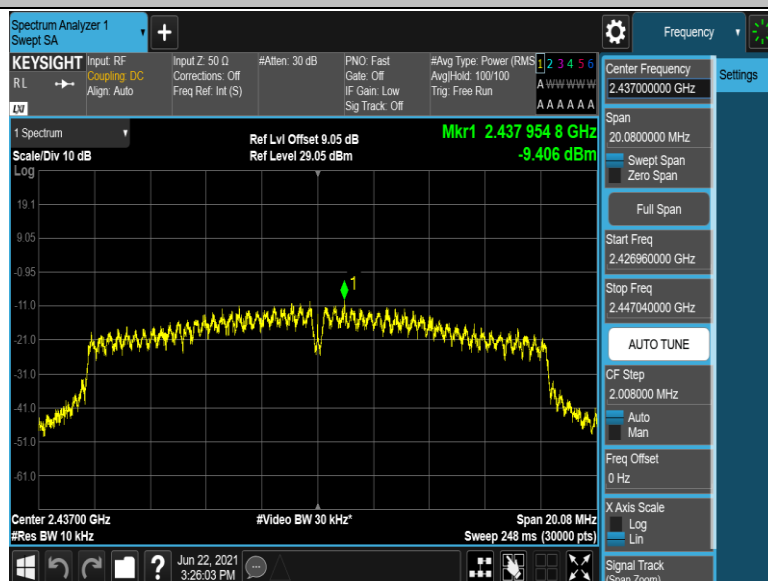
# 11B\_Ant1\_2462



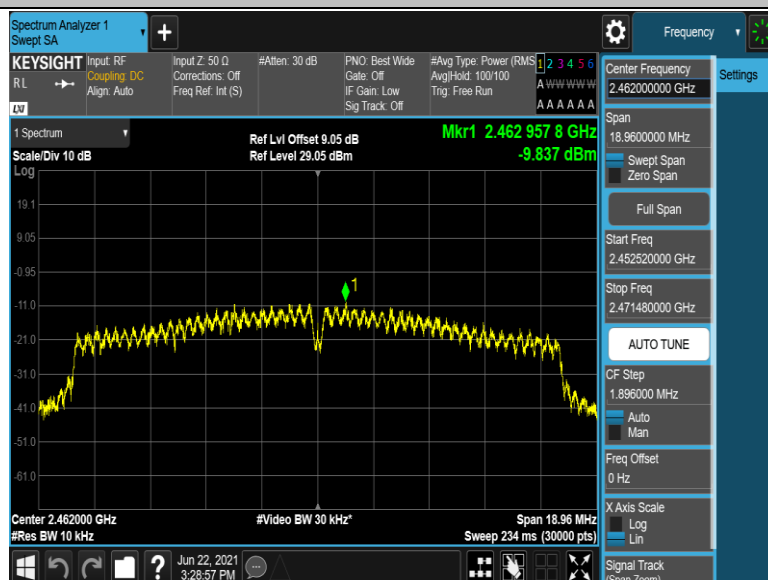
# 11G\_Ant1\_2412



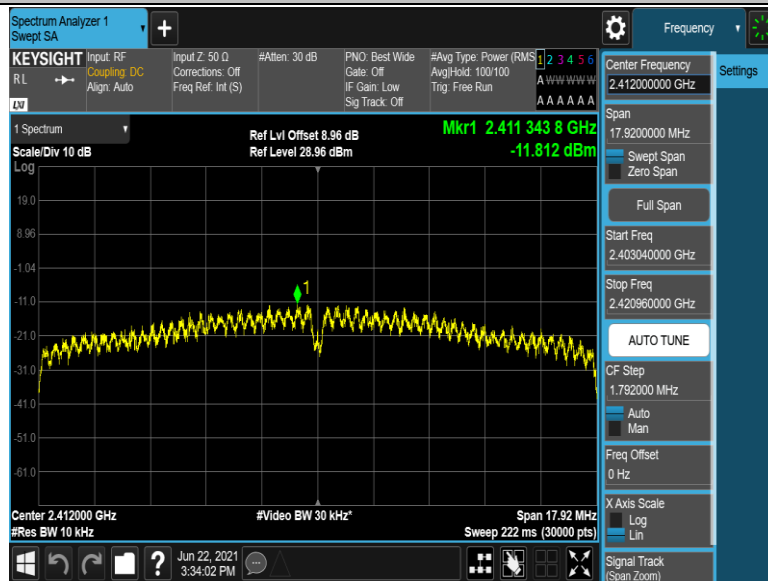
# 11G\_Ant1\_2437



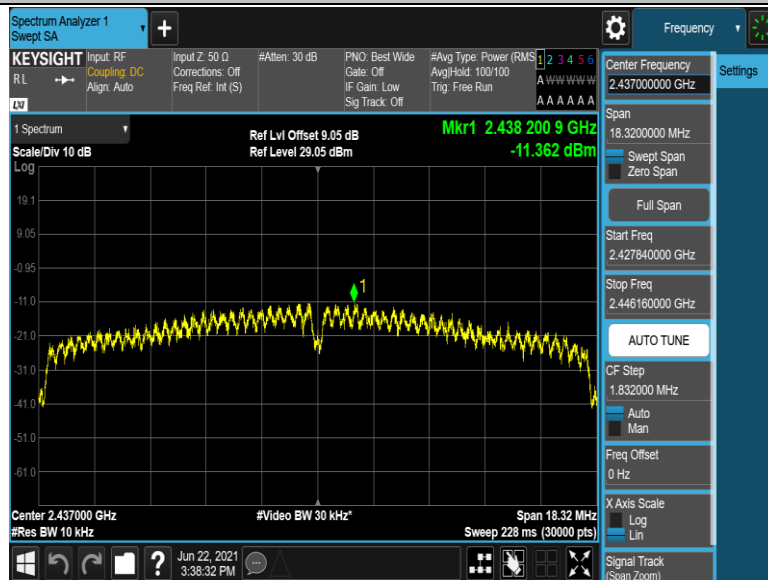
# 11G\_Ant1\_2462



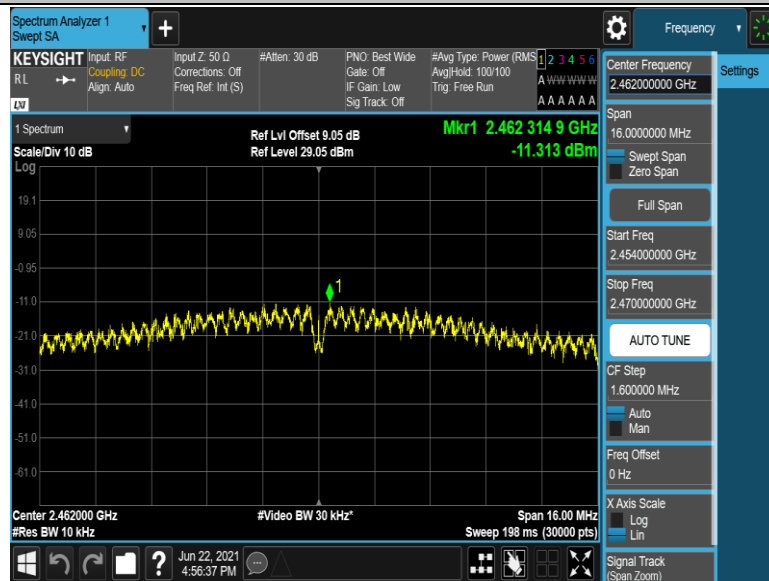
# 11N20SISO\_Ant1\_2412



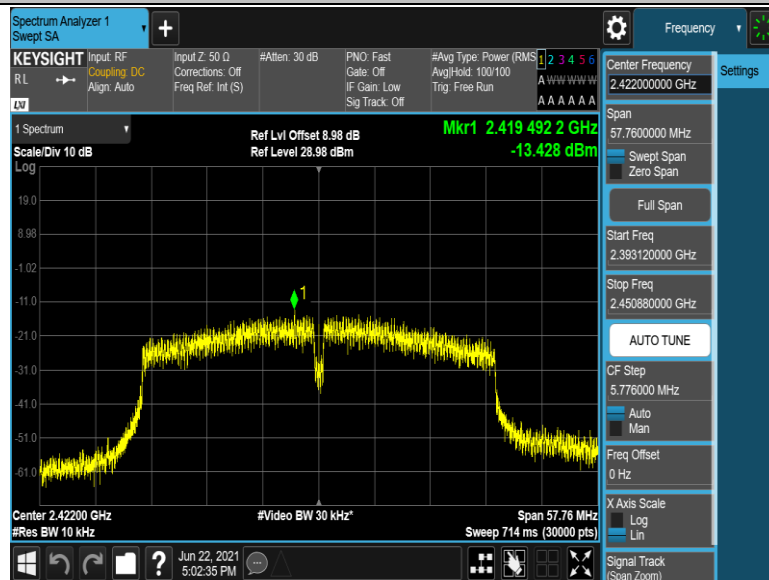
# 11N20SISO\_Ant1\_2437



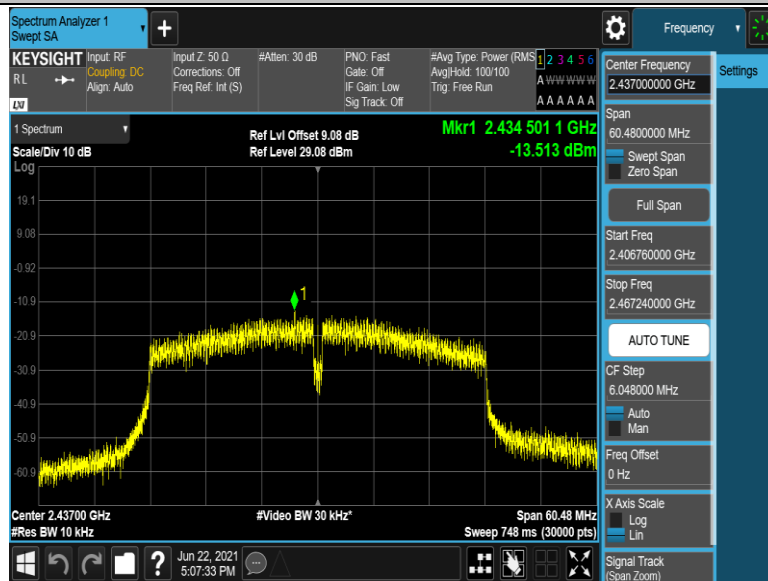
# 11N20SISO\_Ant1\_2462



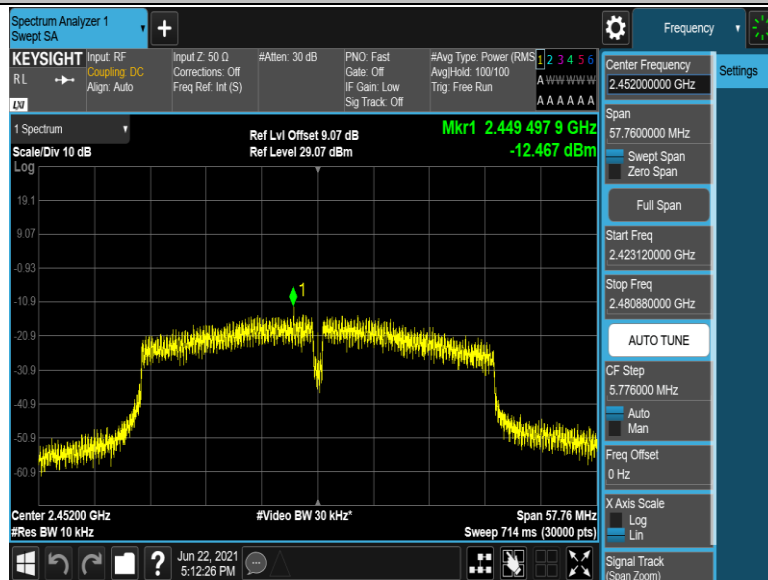
# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452

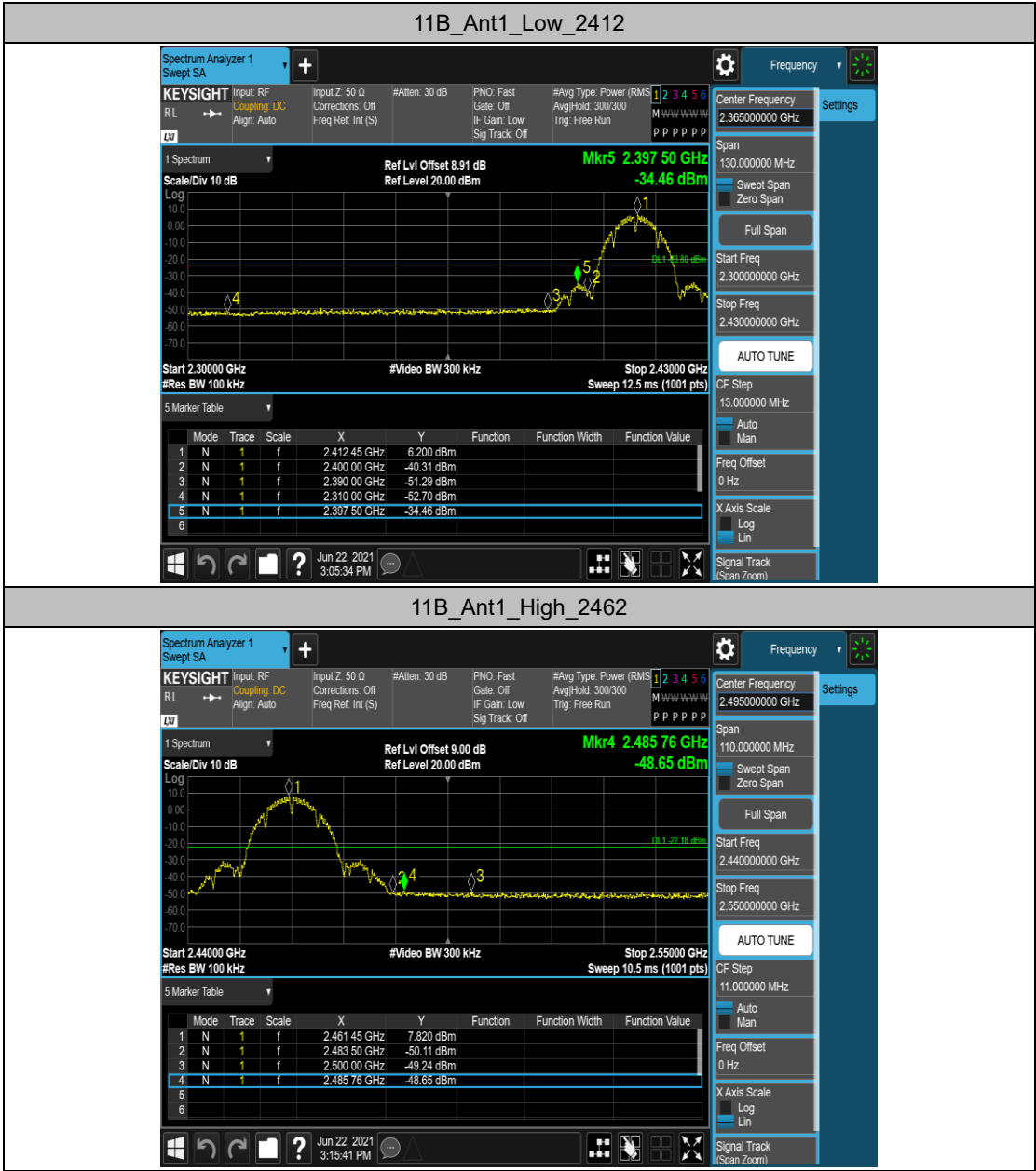


## Appendix E: Band edge measurements

### Test Result

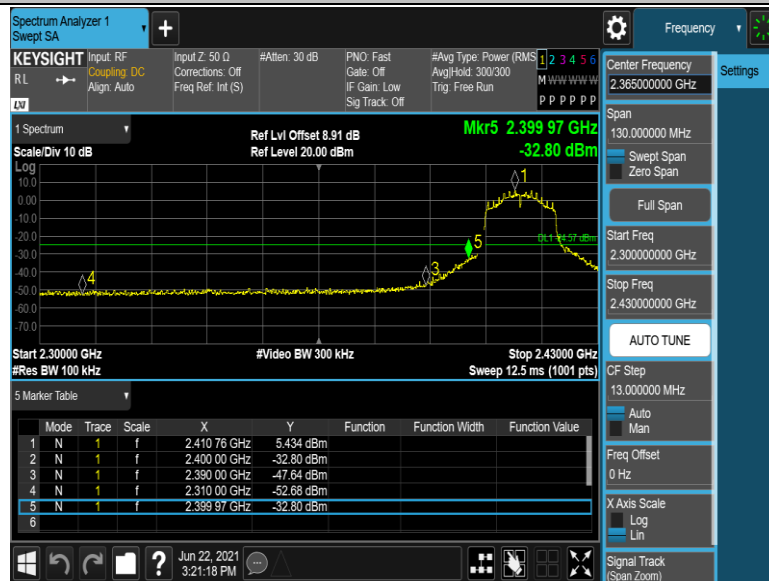
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low    | 2412    | 6.20          | -34.46      | <=-23.8    | PASS    |
|           |         | High   | 2462    | 7.82          | -48.66      | <=-22.18   | PASS    |
| 11G       | Ant1    | Low    | 2412    | 5.43          | -32.8       | <=-24.57   | PASS    |
|           |         | High   | 2462    | 6.33          | -41.14      | <=-23.67   | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | 4.41          | -38.17      | <=-25.59   | PASS    |
|           |         | High   | 2462    | 5.47          | -44.69      | <=-24.53   | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | 1.68          | -33.58      | <=-28.32   | PASS    |
|           |         | High   | 2452    | 2.01          | -32.36      | <=-27.99   | PASS    |

# Test Graphs





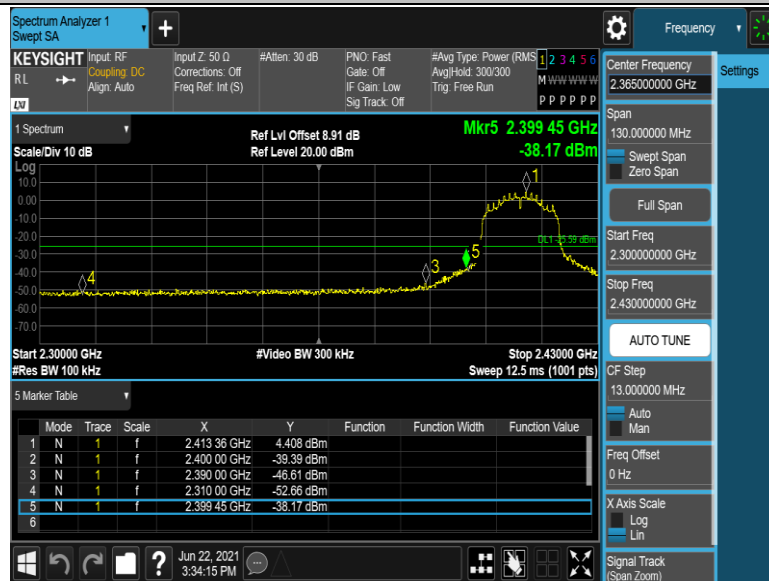
# 11G\_Ant1\_Low\_2412



# 11G\_Ant1\_High\_2462



# 11N20SISO\_Ant1\_Low\_2412



# 11N20SISO\_Ant1\_High\_2462



# 11N40SISO\_Ant1\_Low\_2422



# 11N40SISO\_Ant1\_High\_2452

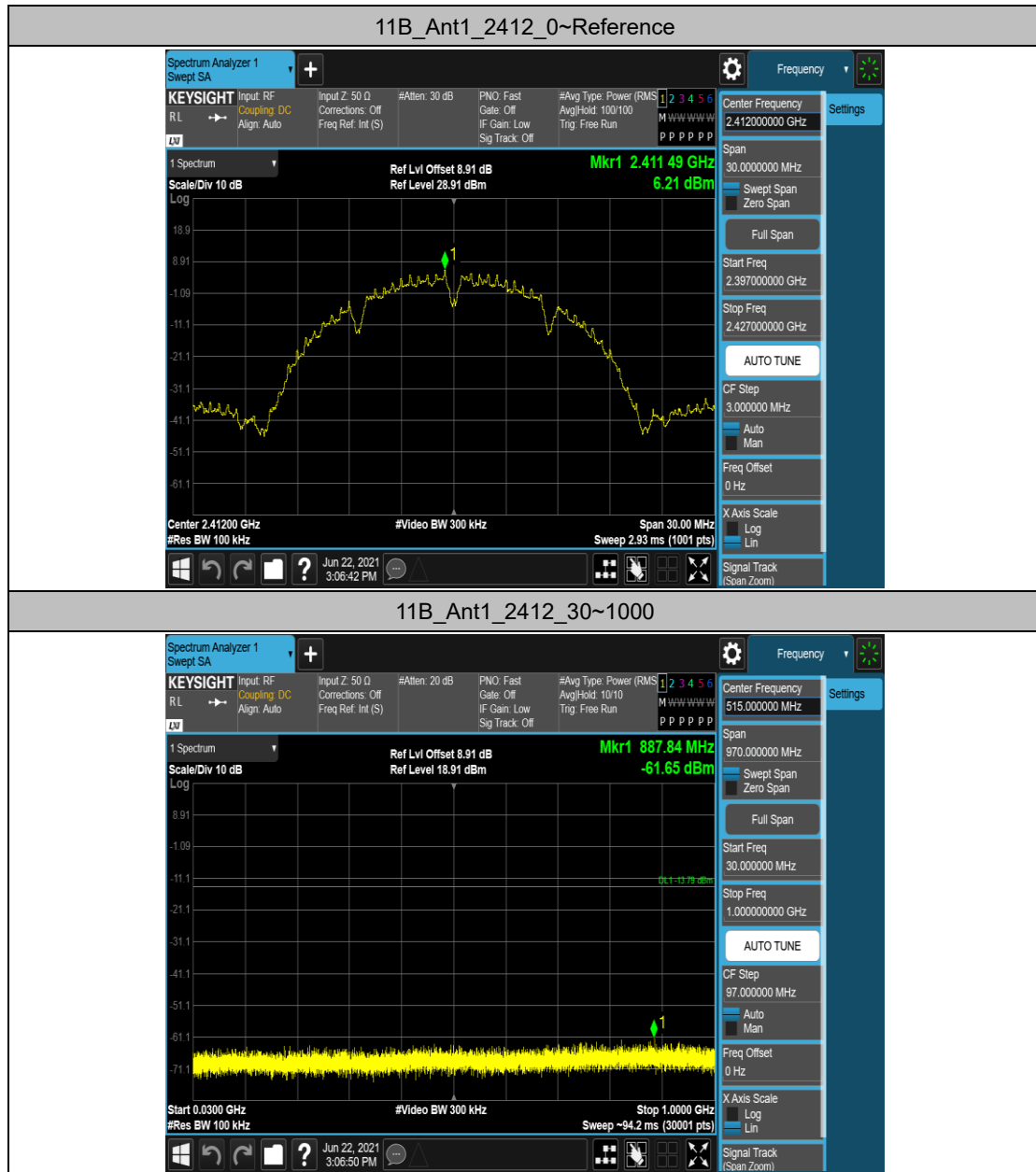


## Appendix F: Conducted Spurious Emission

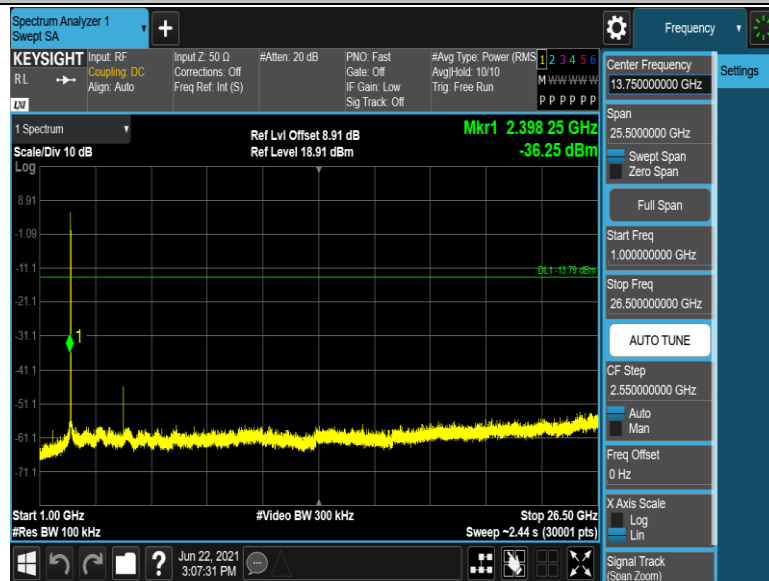
### Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 6.21              | 6.21            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.655         | <=-13.79       | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -36.248         | <=-13.79       | PASS    |
|           |         | 2437    | Reference          | 6.42              | 6.42            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.071         | <=-13.576      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -44.693         | <=-13.576      | PASS    |
|           |         | 2462    | Reference          | 7.76              | 7.76            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -62.046         | <=-12.242      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -44.231         | <=-12.242      | PASS    |
| 11G       | Ant1    | 2412    | Reference          | 3.41              | 3.41            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.472         | <=-16.587      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -34.716         | <=-16.587      | PASS    |
|           |         | 2437    | Reference          | 6.25              | 6.25            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.767         | <=-13.746      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -51.376         | <=-13.746      | PASS    |
|           |         | 2462    | Reference          | 6.39              | 6.39            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -62.059         | <=-13.609      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -44             | <=-13.609      | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | 5.16              | 5.16            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.872         | <=-14.844      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -38.558         | <=-14.844      | PASS    |
|           |         | 2437    | Reference          | 2.94              | 2.94            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.607         | <=-17.062      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -52.755         | <=-17.062      | PASS    |
|           |         | 2462    | Reference          | 5.44              | 5.44            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.522         | <=-14.556      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -47.493         | <=-14.556      | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference          | 1.62              | 1.62            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -52.488         | <=-18.383      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -33.504         | <=-18.383      | PASS    |
|           |         | 2437    | Reference          | 0.97              | 0.97            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.929         | <=-19.033      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -44.86          | <=-19.033      | PASS    |
|           |         | 2452    | Reference          | 1.34              | 1.34            | ---            | PASS    |
|           |         |         | 30~1000            | 30~1000           | -61.706         | <=-18.661      | PASS    |
|           |         |         | 1000~26500         | 1000~26500        | -32.849         | <=-18.661      | PASS    |

## Test Graphs



# 11B\_Ant1\_2412\_1000~26500



# 11B\_Ant1\_2437\_0~Reference

