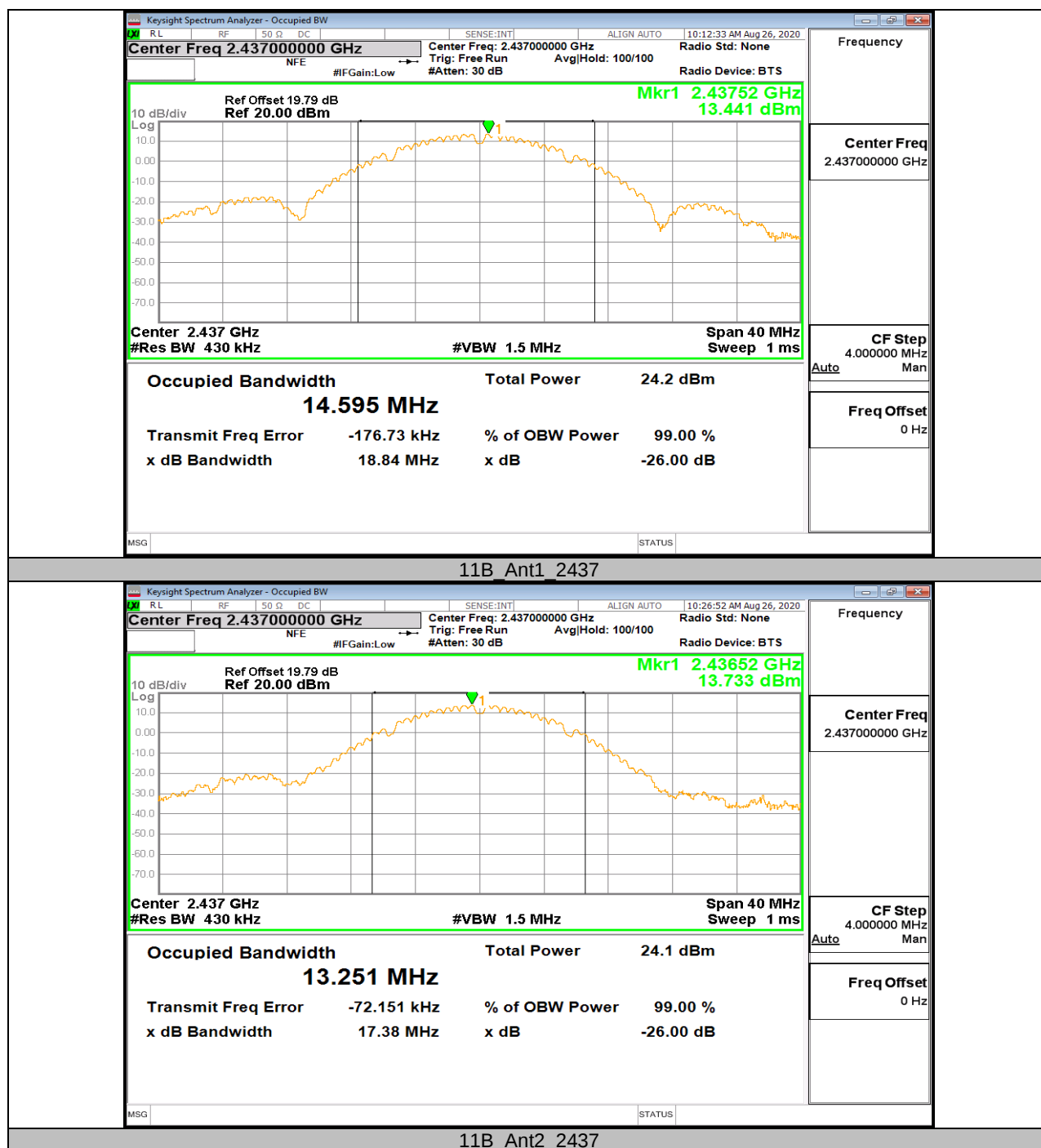
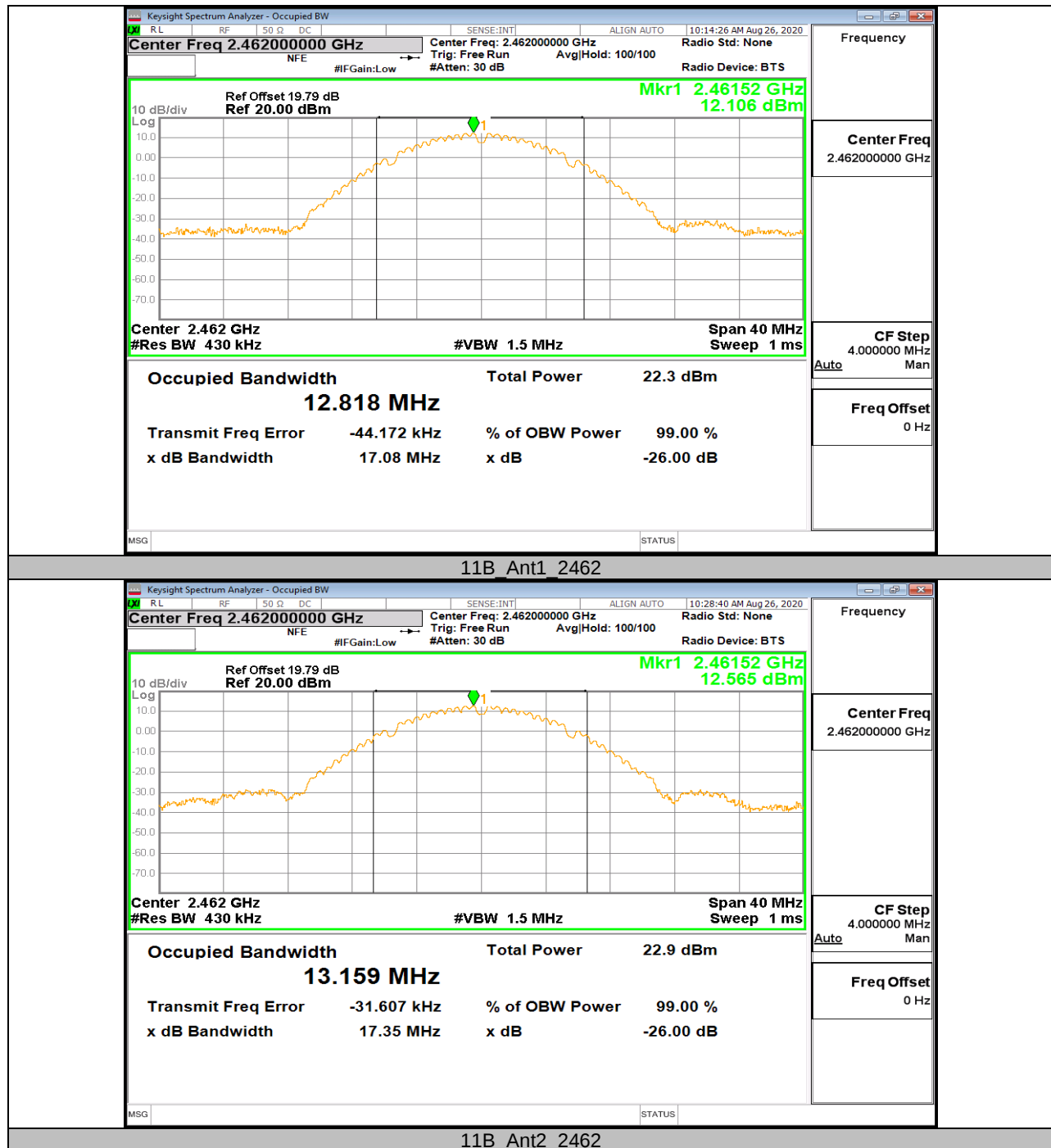
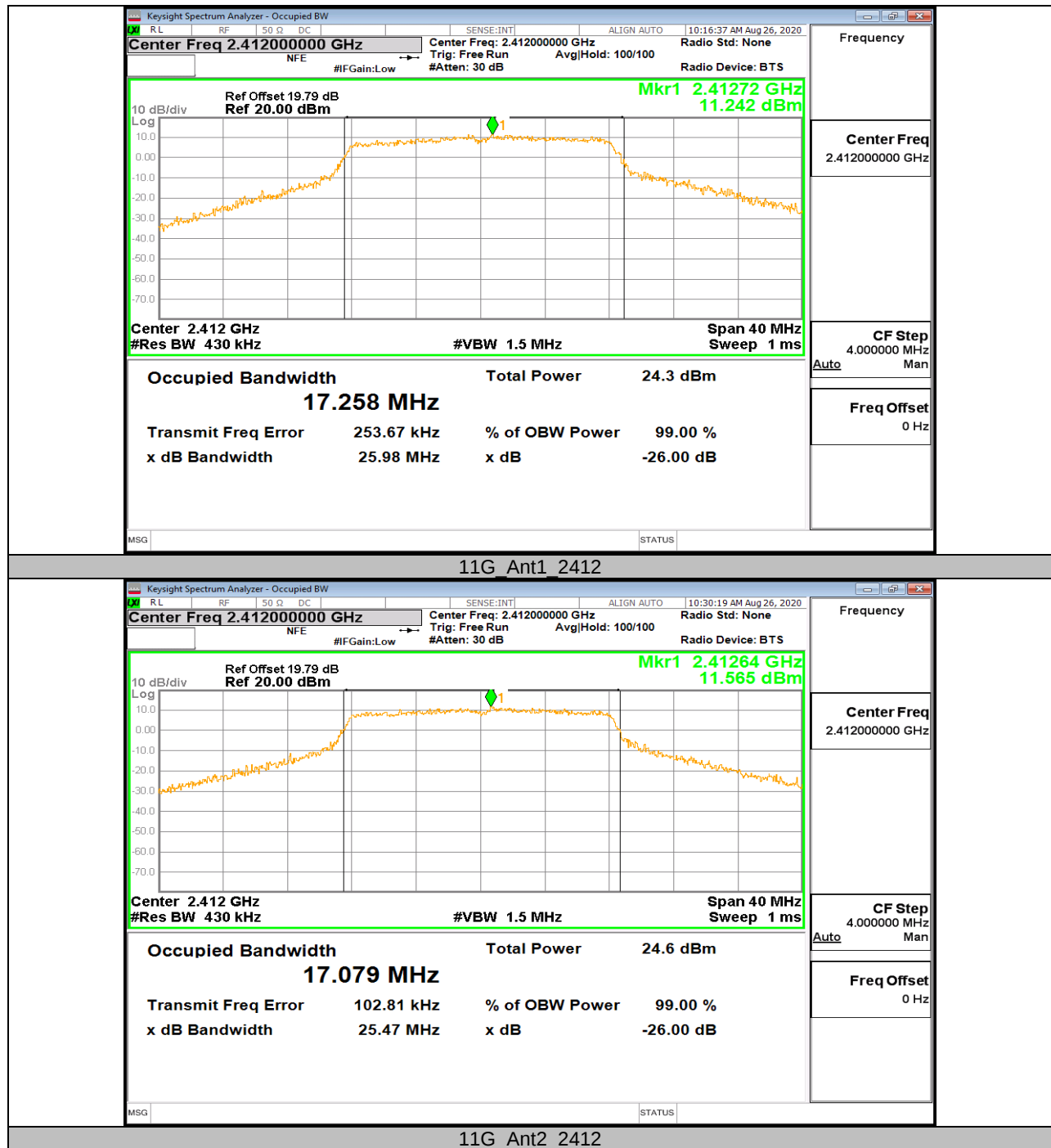
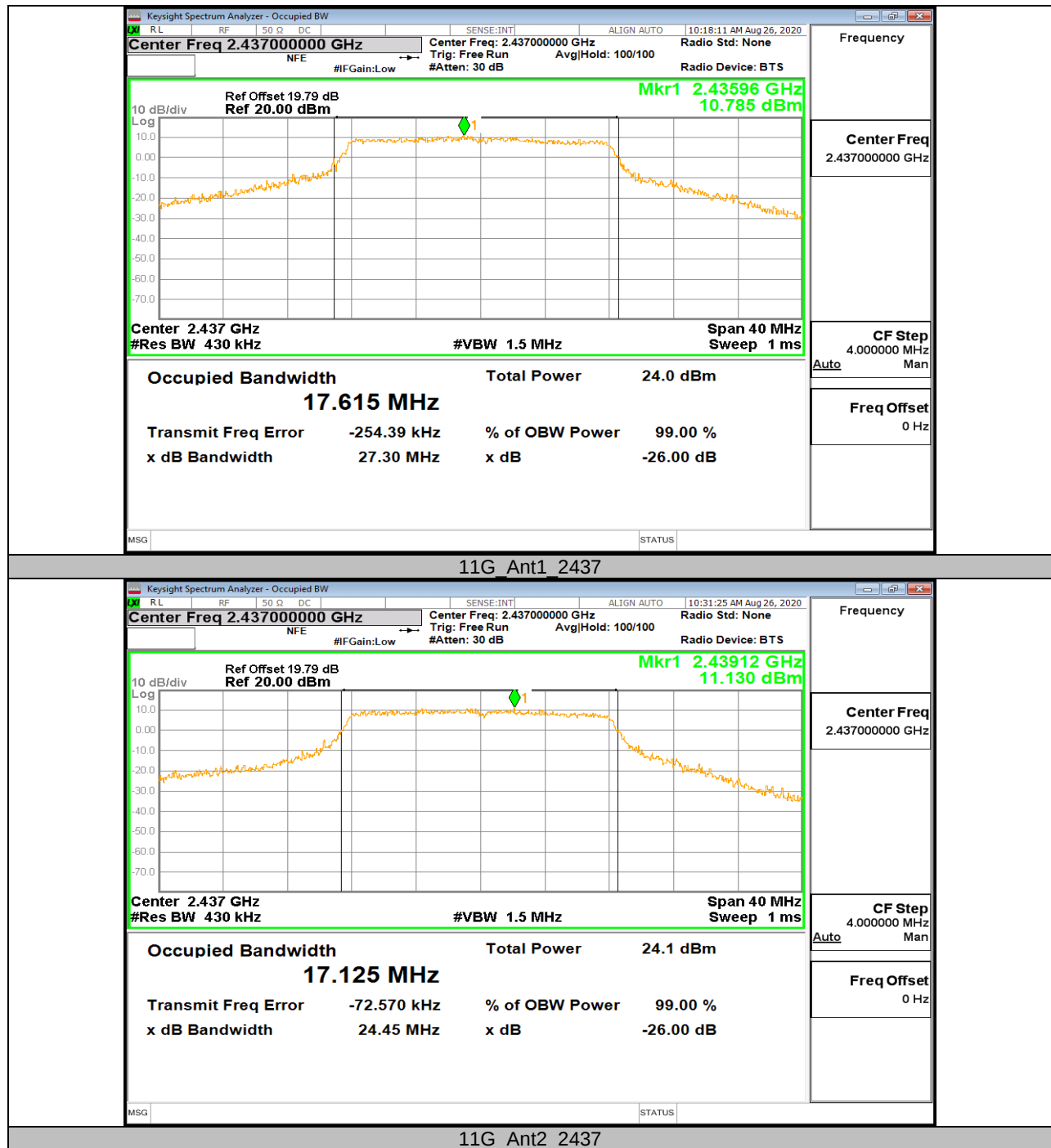
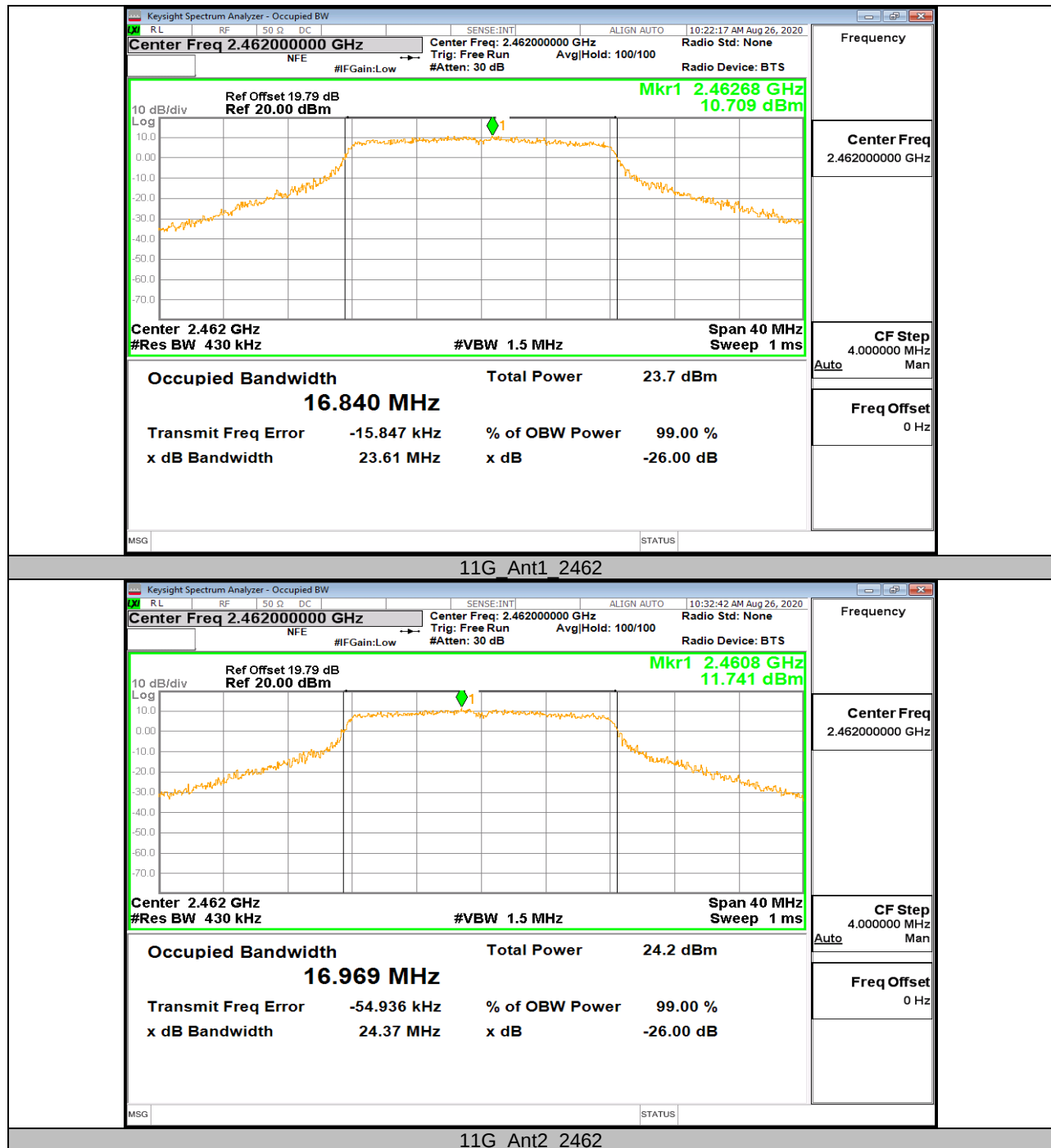


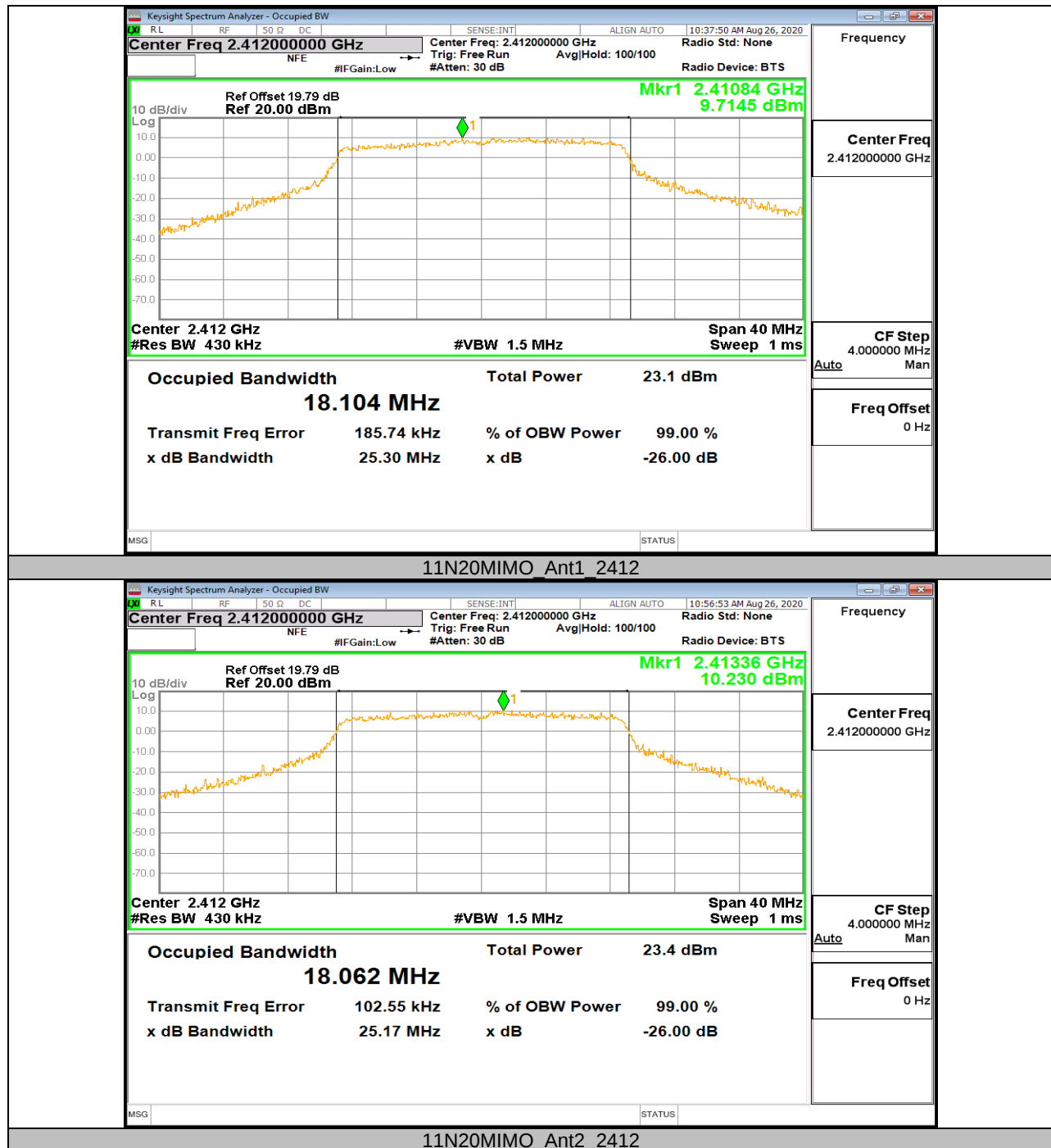


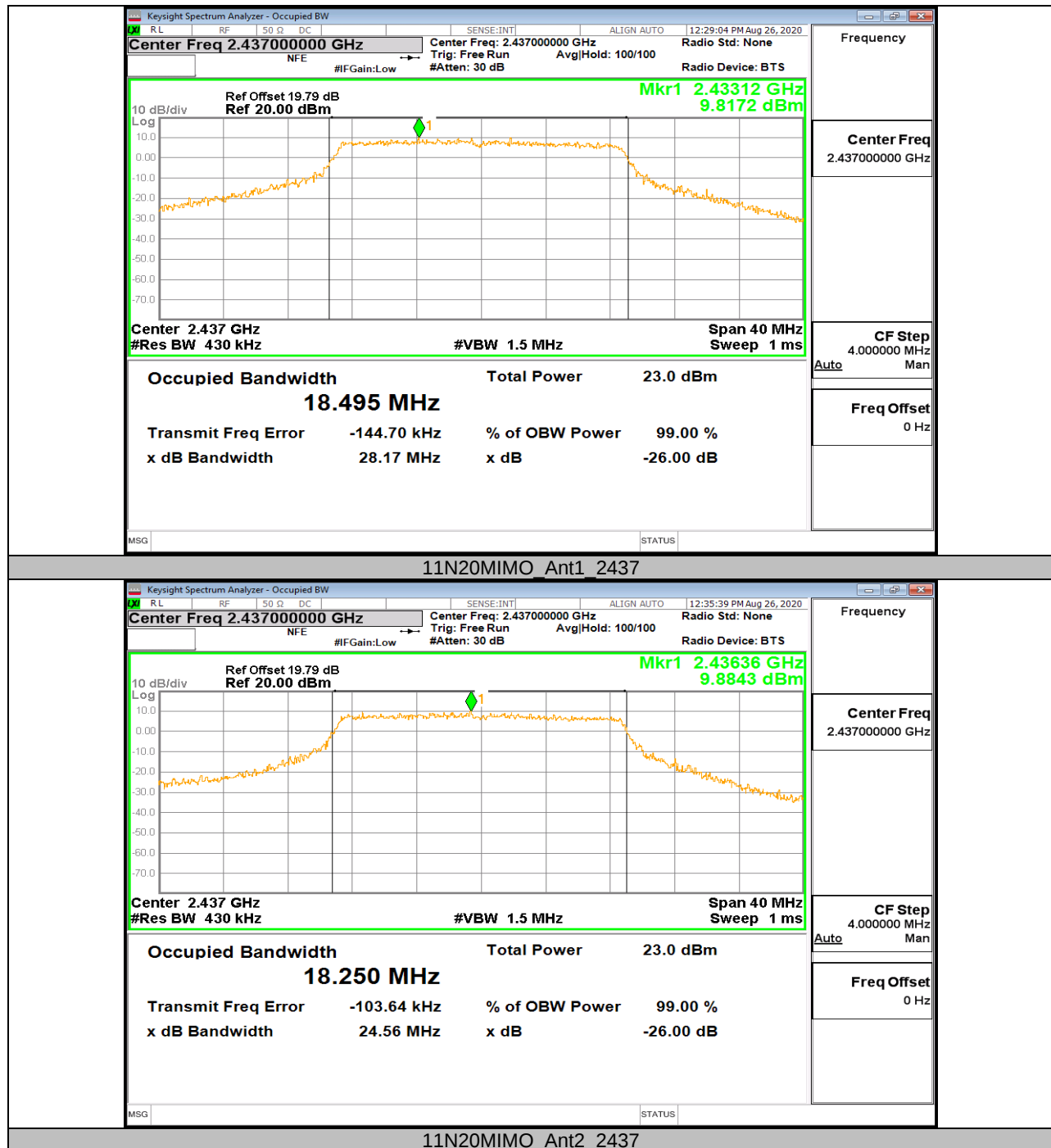


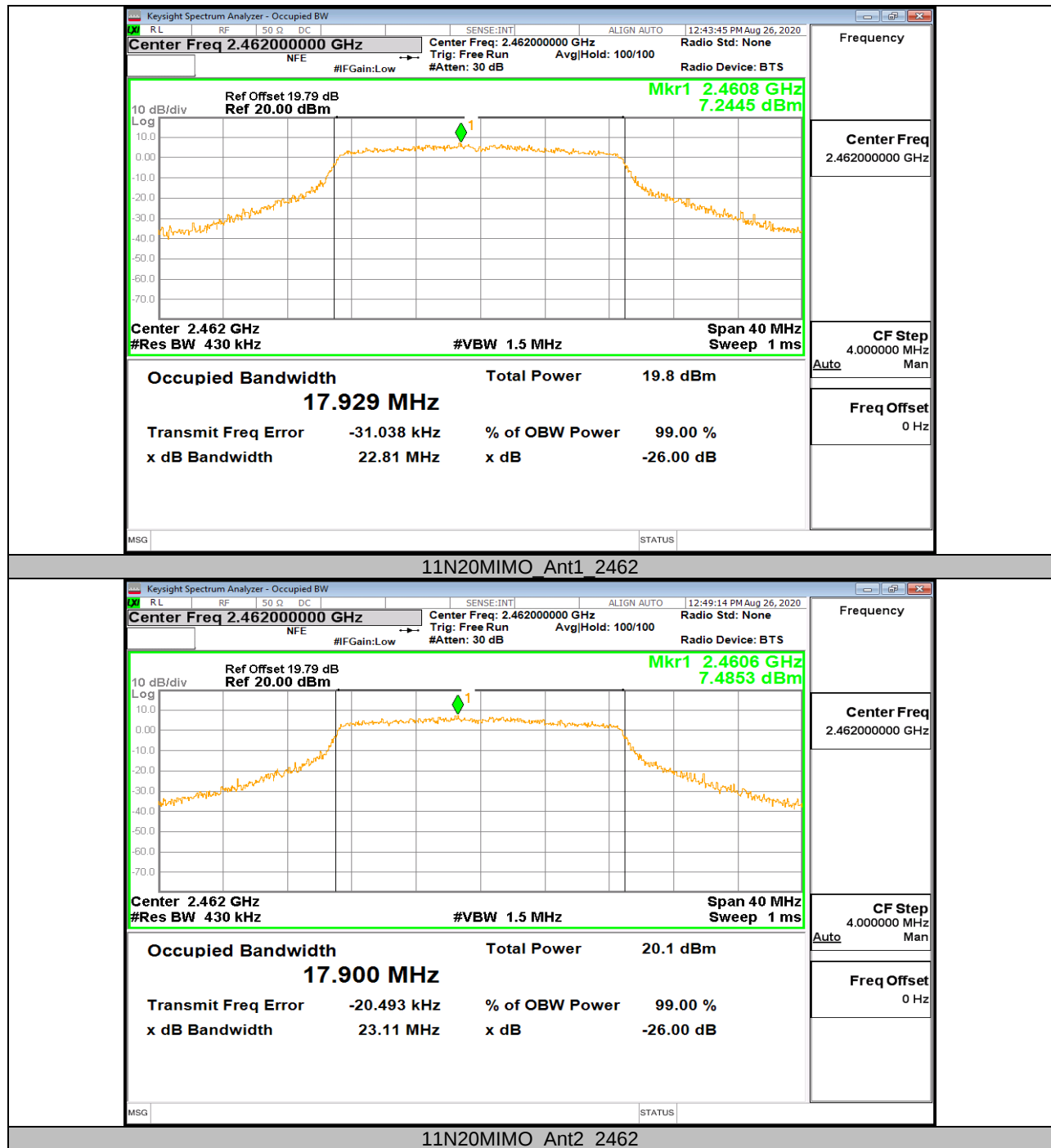


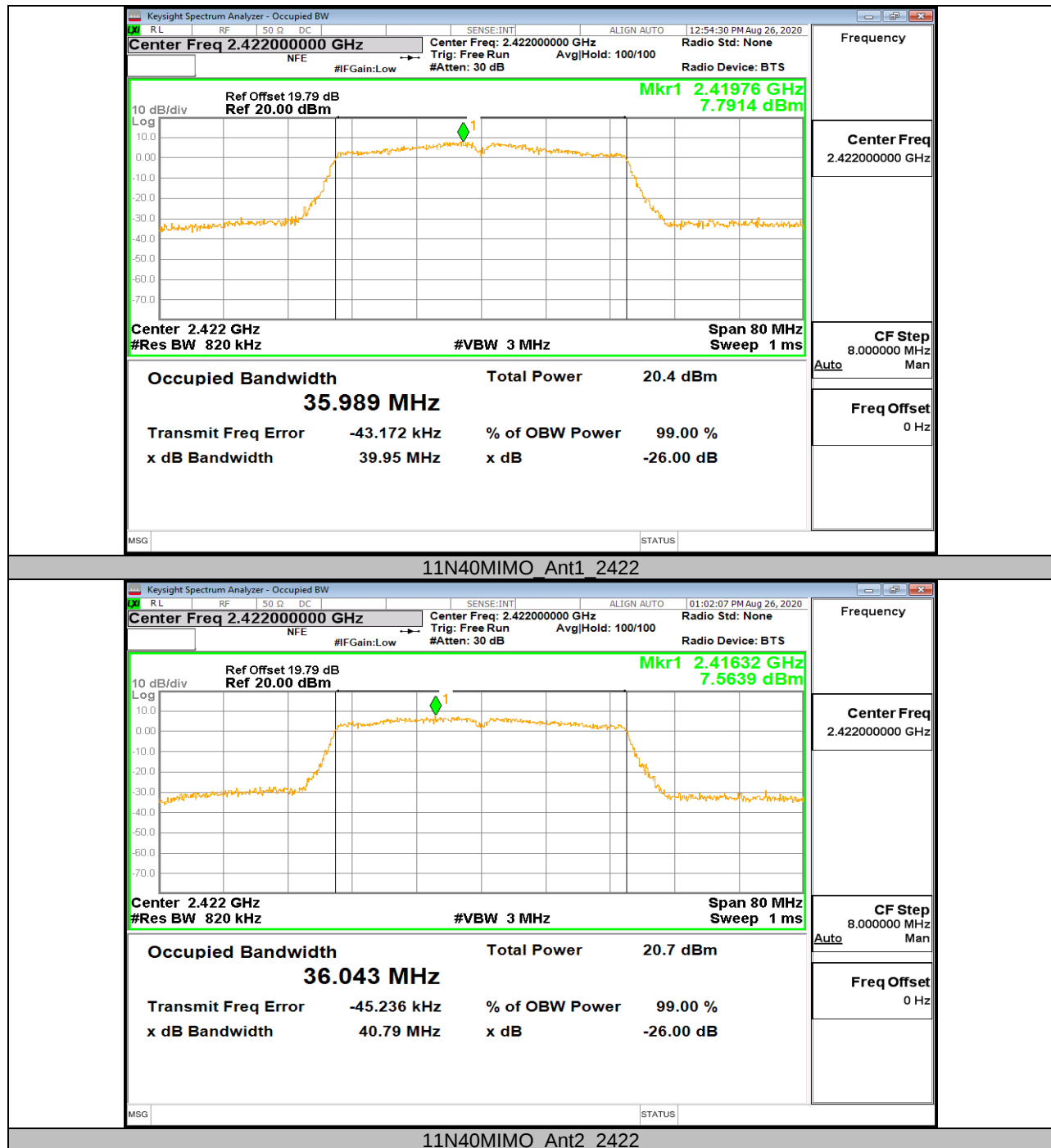


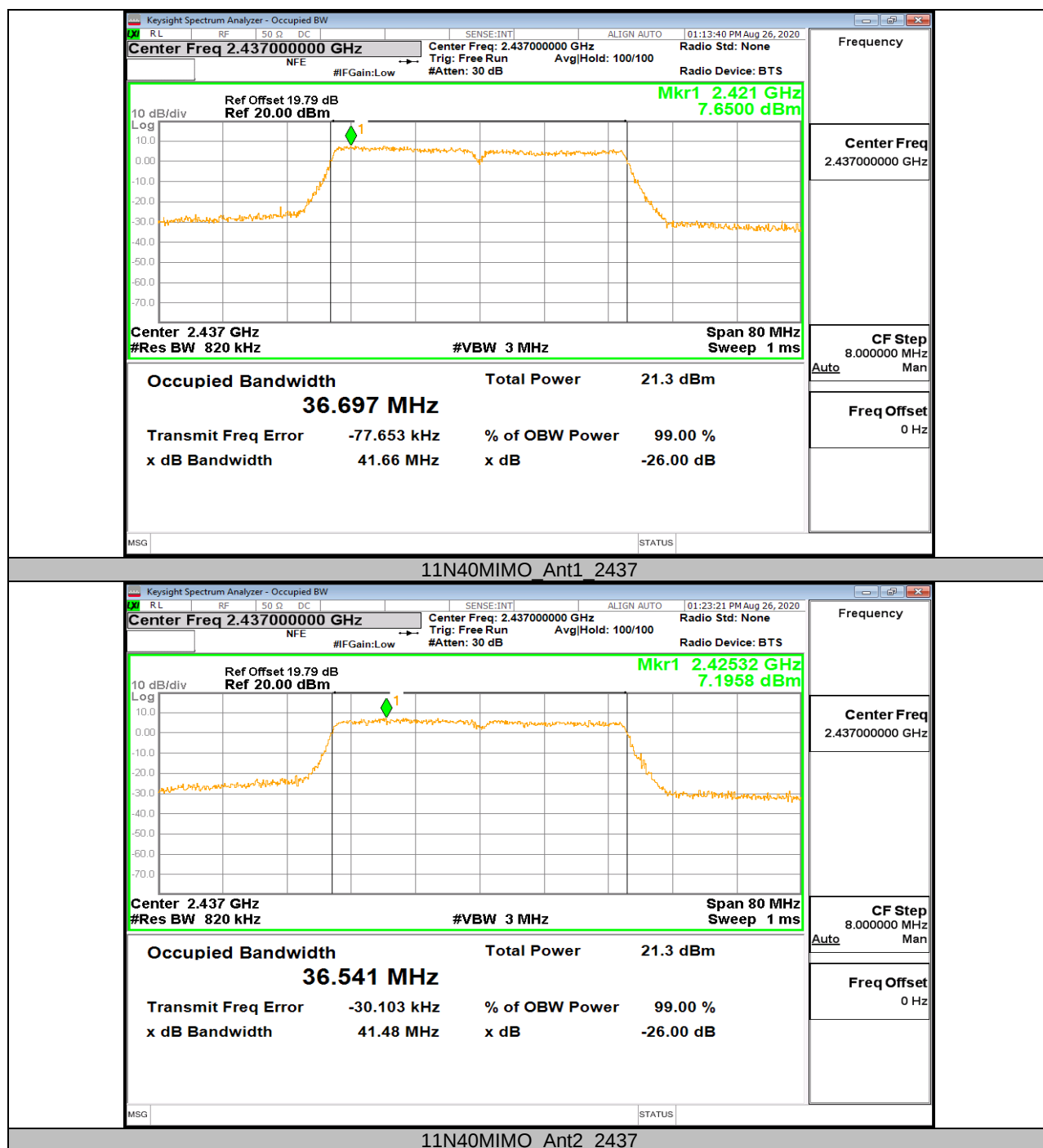


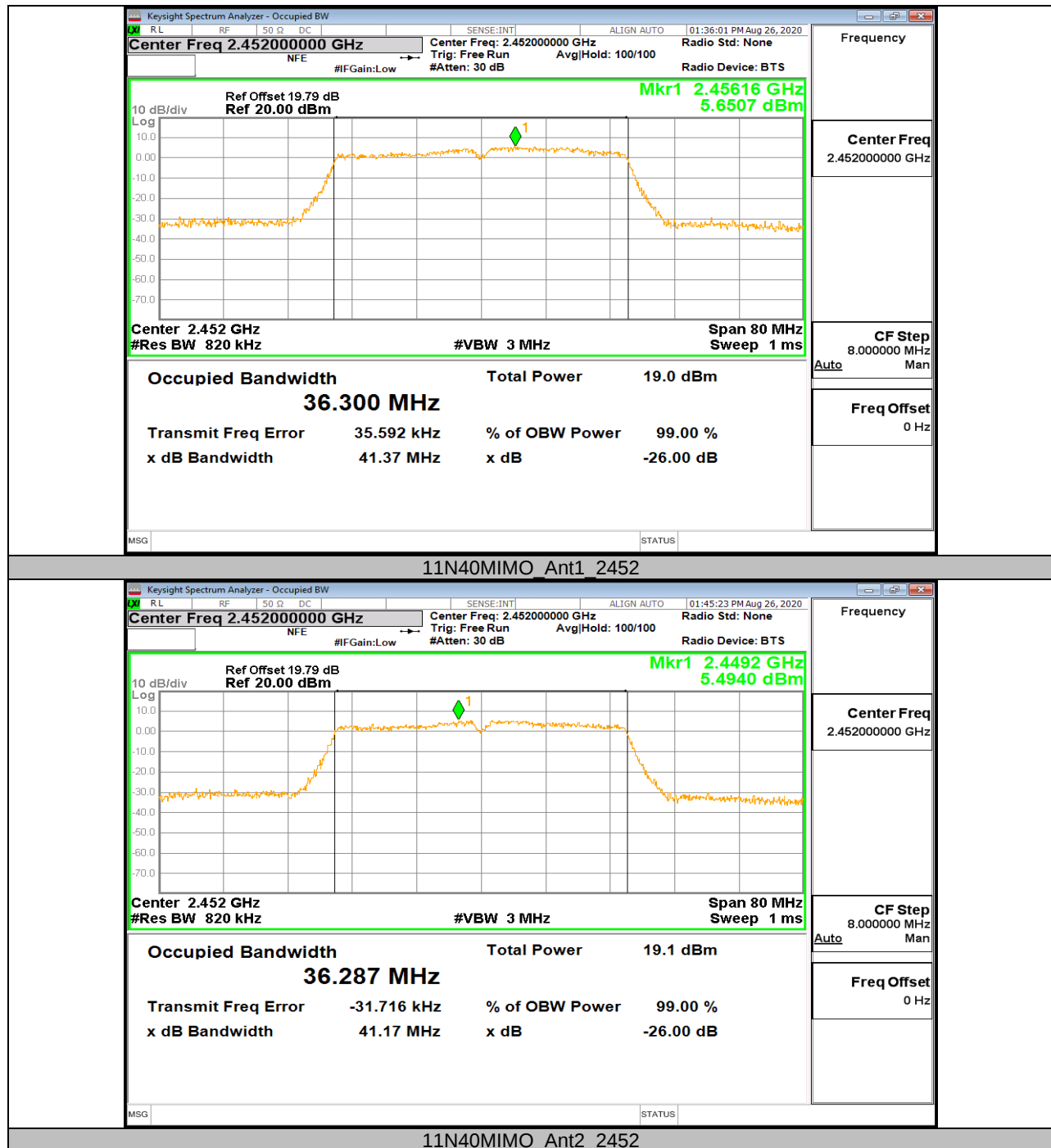












**APPENDIX D: CONDUCTED AVERAGE OUTPUT POWER****Test Result**

| Test Mode | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|---------|
| 11B       | Ant1    | 2412    | 20.87       | 30         | PASS    |
|           | Ant2    | 2412    | 20.91       | 30         | PASS    |
|           | Ant1    | 2437    | 20.76       | 30         | PASS    |
|           | Ant2    | 2437    | 20.86       | 30         | PASS    |
|           | Ant1    | 2462    | 19.41       | 30         | PASS    |
|           | Ant2    | 2462    | 19.99       | 30         | PASS    |
| 11G       | Ant1    | 2412    | 17.97       | 30         | PASS    |
|           | Ant2    | 2412    | 18.33       | 30         | PASS    |
|           | Ant1    | 2437    | 17.83       | 30         | PASS    |
|           | Ant2    | 2437    | 17.92       | 30         | PASS    |
|           | Ant1    | 2462    | 17.55       | 30         | PASS    |
|           | Ant2    | 2462    | 17.90       | 30         | PASS    |
| 11N20MIMO | Ant1    | 2412    | 14.56       | 30         | PASS    |
|           | Ant2    | 2412    | 14.41       | 30         | PASS    |
|           | total   | 2412    | 17.5        | 30         | PASS    |
|           | Ant1    | 2437    | 14.39       | 30         | PASS    |
|           | Ant2    | 2437    | 14.67       | 30         | PASS    |
|           | total   | 2437    | 17.54       | 30         | PASS    |
|           | Ant1    | 2462    | 13.56       | 30         | PASS    |
|           | Ant2    | 2462    | 13.80       | 30         | PASS    |
|           | total   | 2462    | 16.7        | 30         | PASS    |
| 11N40MIMO | Ant1    | 2422    | 13.42       | 30         | PASS    |
|           | Ant2    | 2422    | 13.55       | 30         | PASS    |
|           | total   | 2422    | 16.5        | 30         | PASS    |
|           | Ant1    | 2437    | 13.67       | 30         | PASS    |
|           | Ant2    | 2437    | 13.78       | 30         | PASS    |
|           | total   | 2437    | 16.74       | 30         | PASS    |
|           | Ant1    | 2452    | 12.01       | 30         | PASS    |
|           | Ant2    | 2452    | 12.12       | 30         | PASS    |
|           | total   | 2452    | 15.08       | 30         | PASS    |

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

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

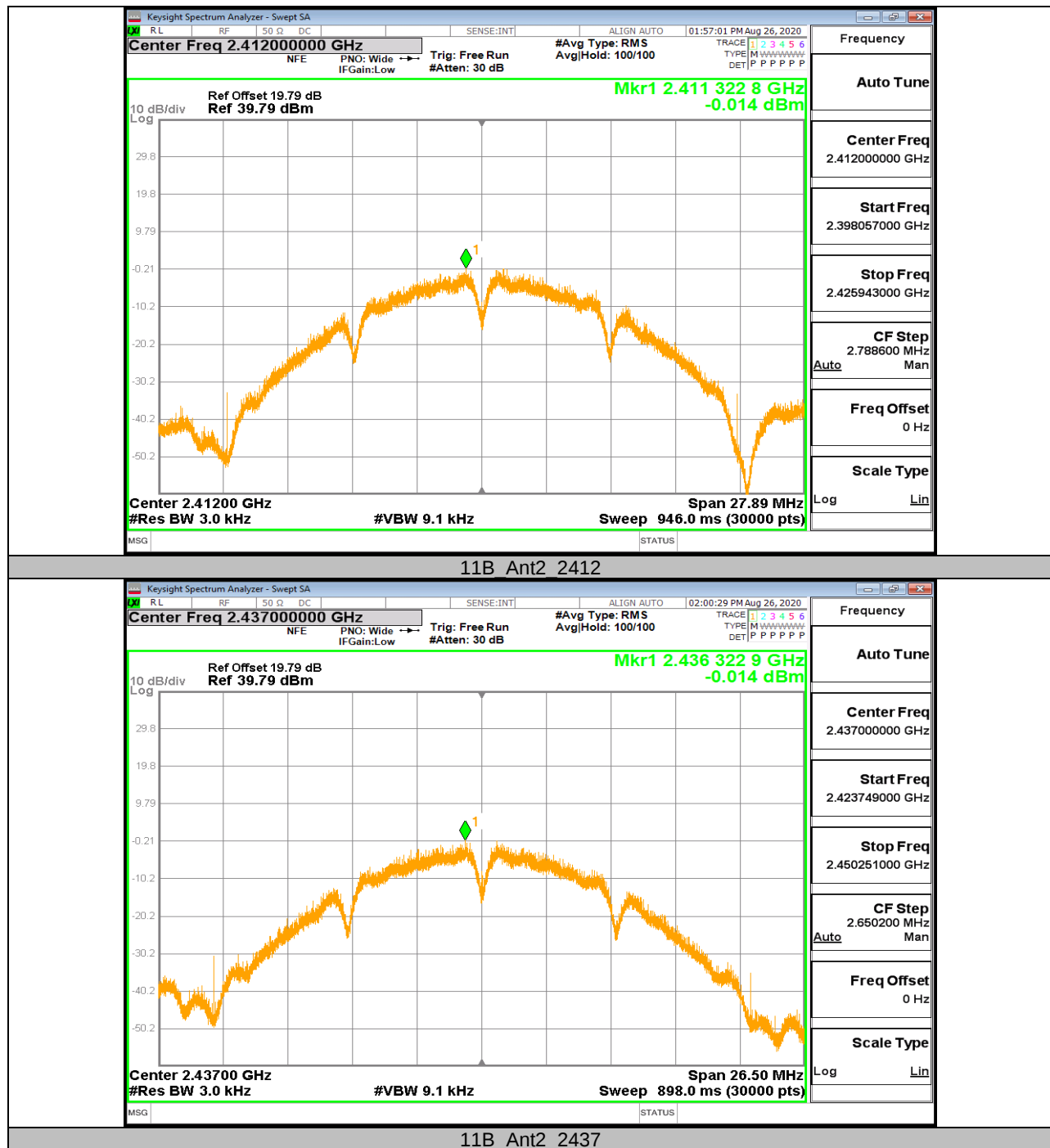
**APPENDIX E: PEAK POWER SPECTRAL DENSITY****Test Result**

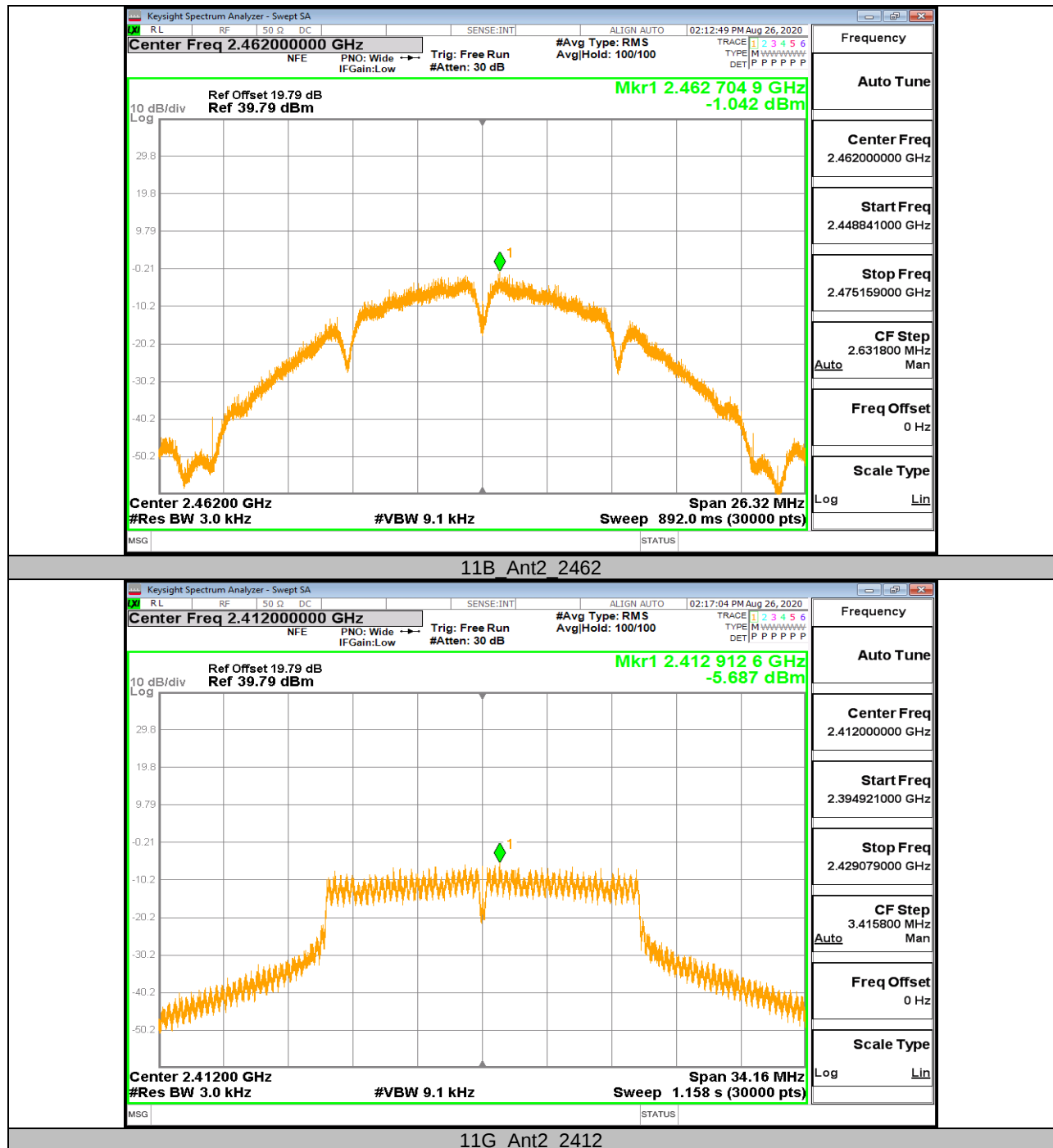
| Test Mode | Antenna | Channel | Result[dBm/3kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -0.01            | <=8             | PASS    |
|           |         | 2437    | -0.01            | <=8             | PASS    |
|           |         | 2462    | -1.04            | <=8             | PASS    |
| 11G       | Ant1    | 2412    | -5.69            | <=8             | PASS    |
|           |         | 2437    | -6.3             | <=8             | PASS    |
|           |         | 2462    | -5.15            | <=8             | PASS    |
| 11N20MIMO | Ant1    | 2412    | -7.09            | <=8             | PASS    |
|           | Ant2    | 2412    | -6.74            | <=8             | PASS    |
|           | total   | 2412    | -3.90            | <=8             | PASS    |
|           | Ant1    | 2437    | -7.26            | <=8             | PASS    |
|           | Ant2    | 2437    | -4.92            | <=8             | PASS    |
|           | total   | 2437    | -2.92            | <=8             | PASS    |
|           | Ant1    | 2462    | -8.66            | <=8             | PASS    |
|           | Ant2    | 2462    | -9.37            | <=8             | PASS    |
|           | total   | 2462    | -5.99            | <=8             | PASS    |
| 11N40MIMO | Ant1    | 2422    | -12.31           | <=8             | PASS    |
|           | Ant2    | 2422    | -11.35           | <=8             | PASS    |
|           | total   | 2422    | -8.79            | <=8             | PASS    |
|           | Ant1    | 2437    | -11.29           | <=8             | PASS    |
|           | Ant2    | 2437    | -10.54           | <=8             | PASS    |
|           | total   | 2437    | -7.89            | <=8             | PASS    |
|           | Ant1    | 2452    | -14.79           | <=8             | PASS    |
|           | Ant2    | 2452    | -14.89           | <=8             | PASS    |
|           | total   | 2452    | -11.83           | <=8             | PASS    |

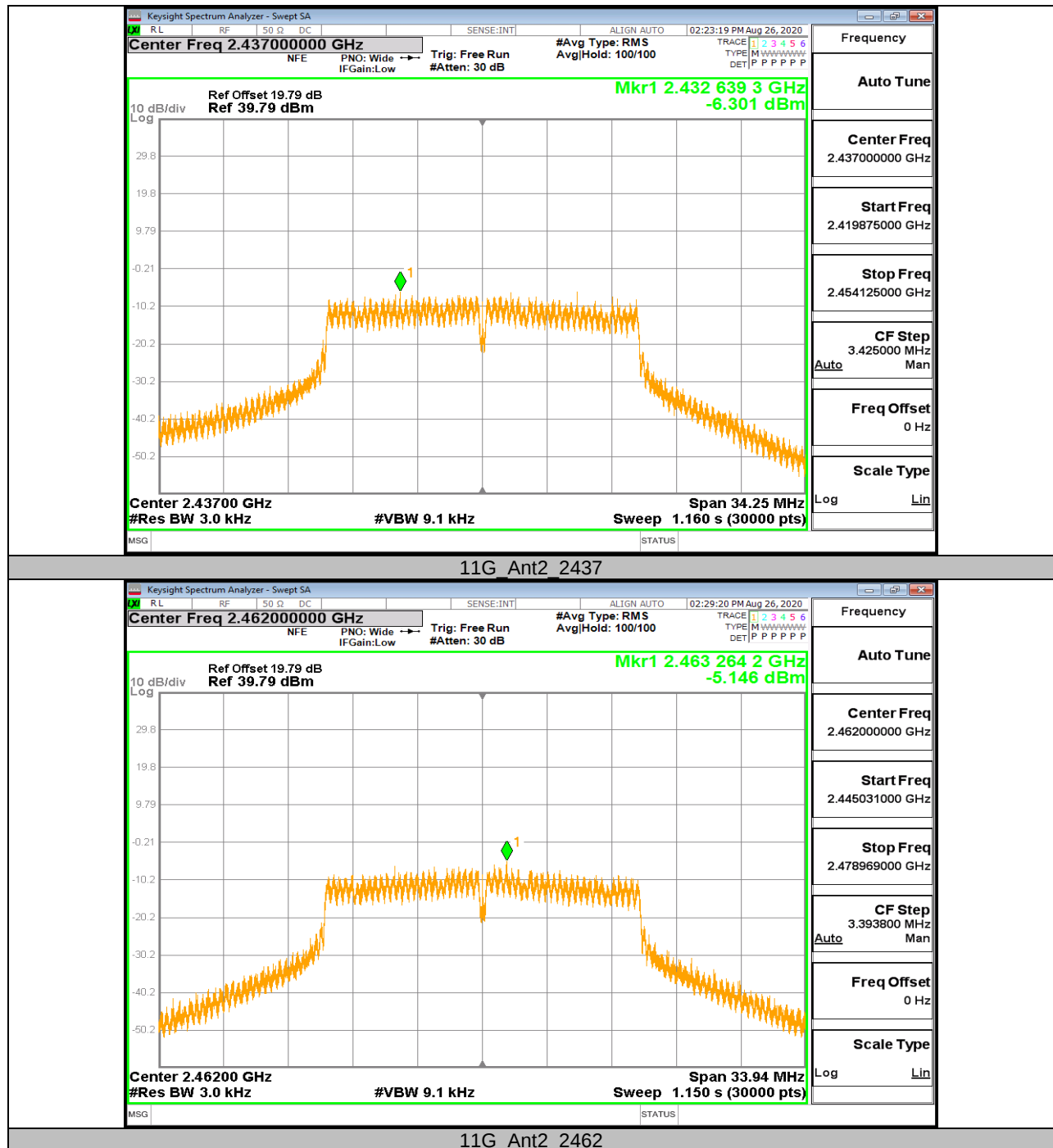
Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.

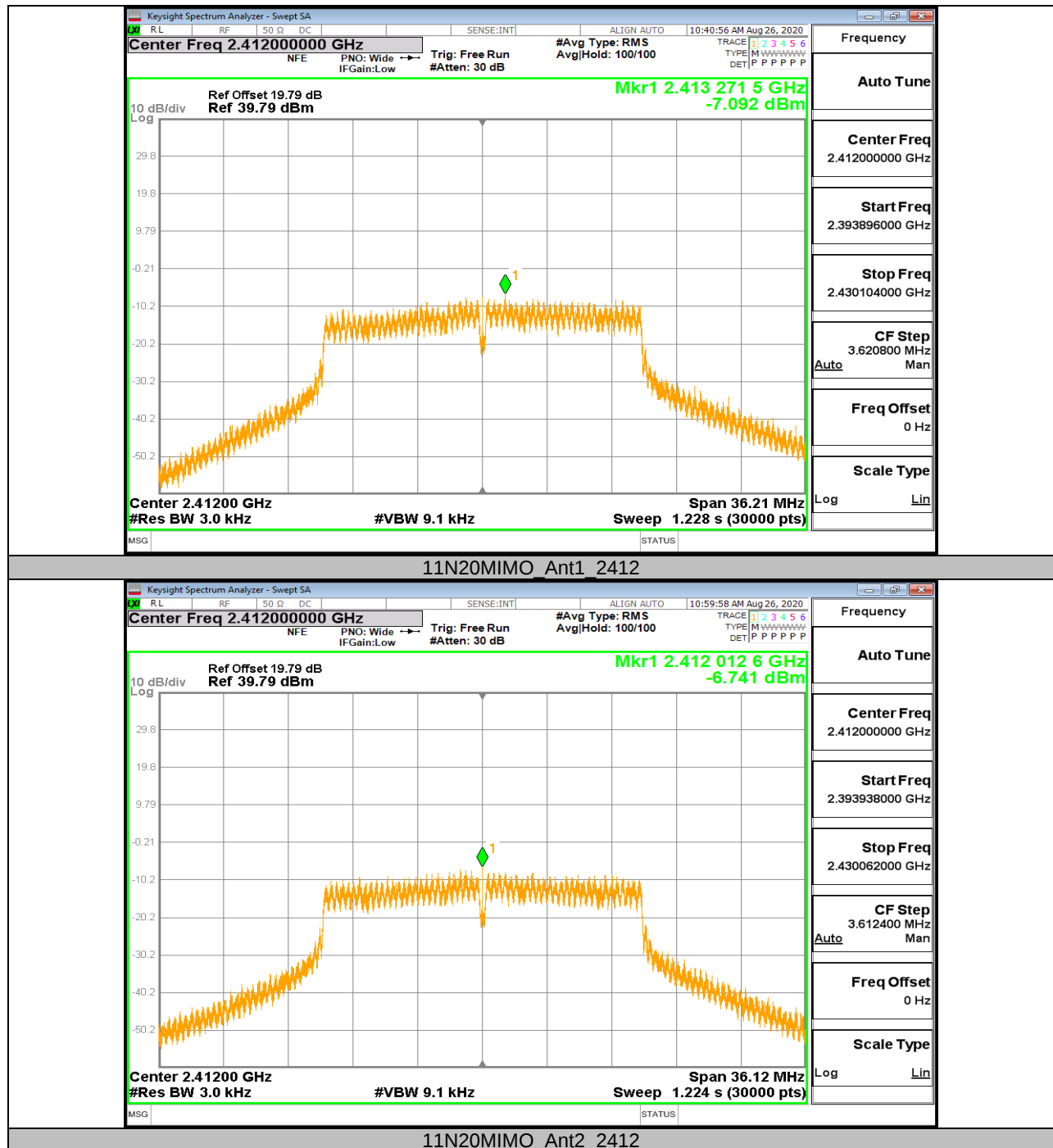


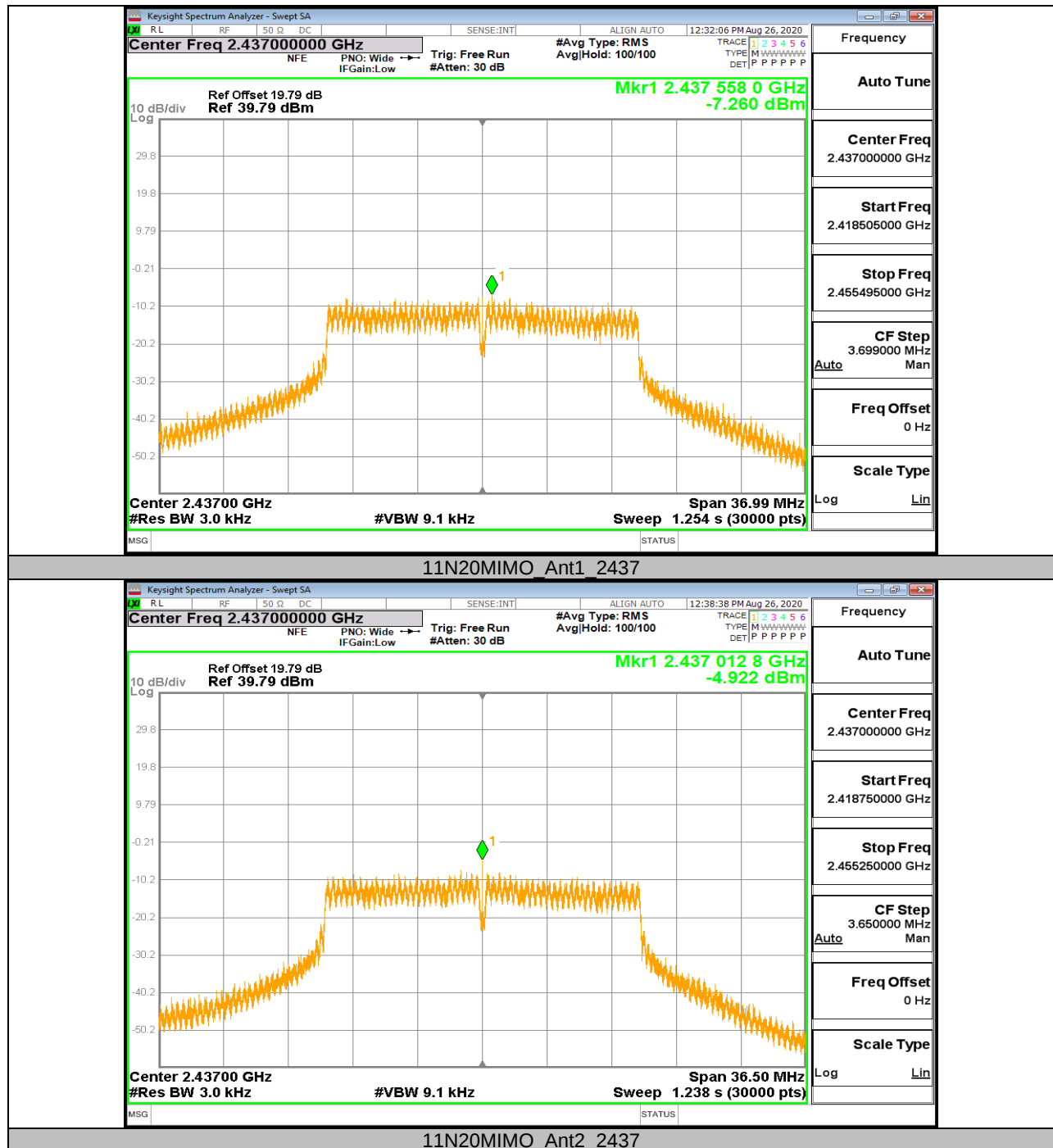
## Test Graphs

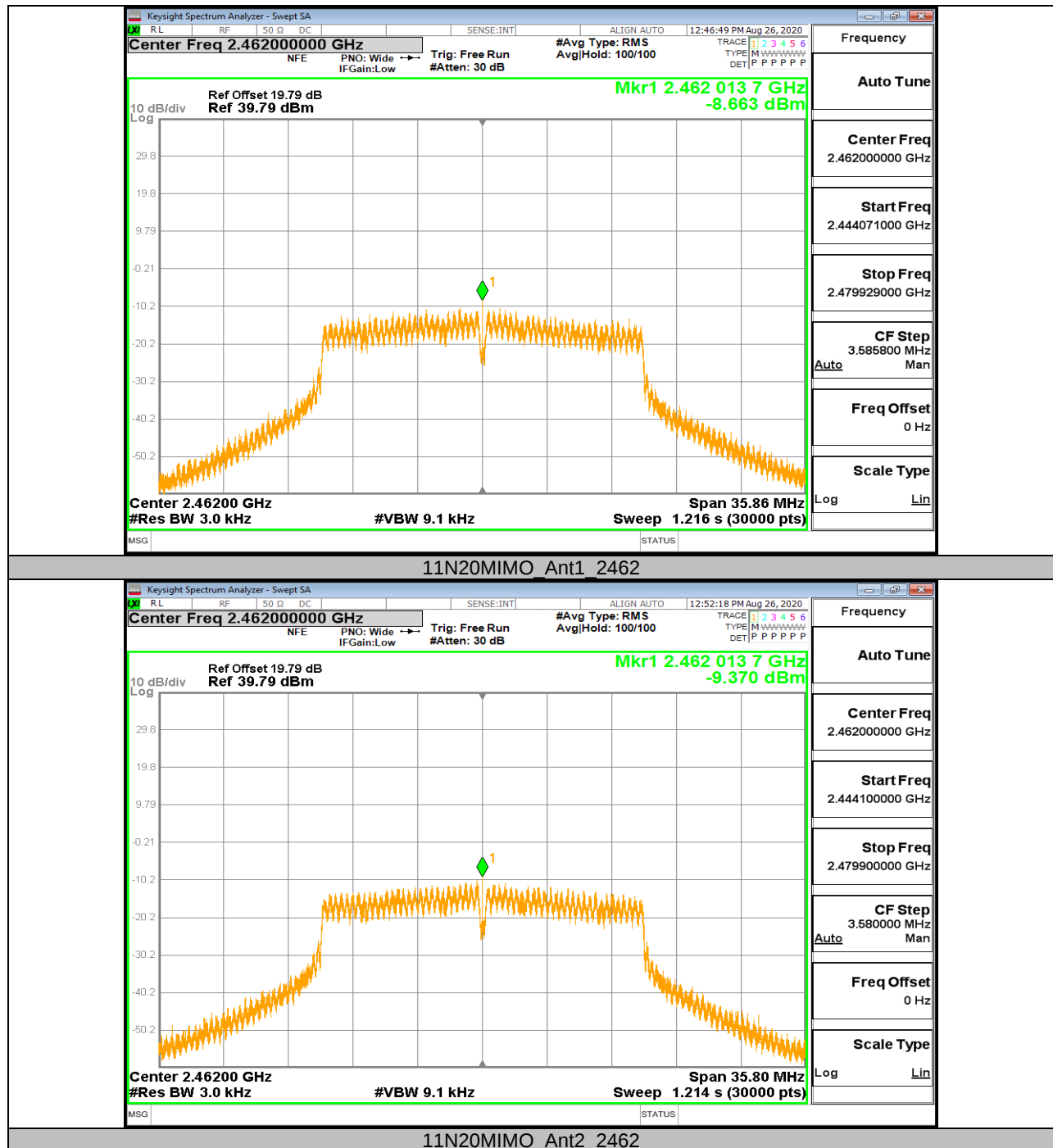


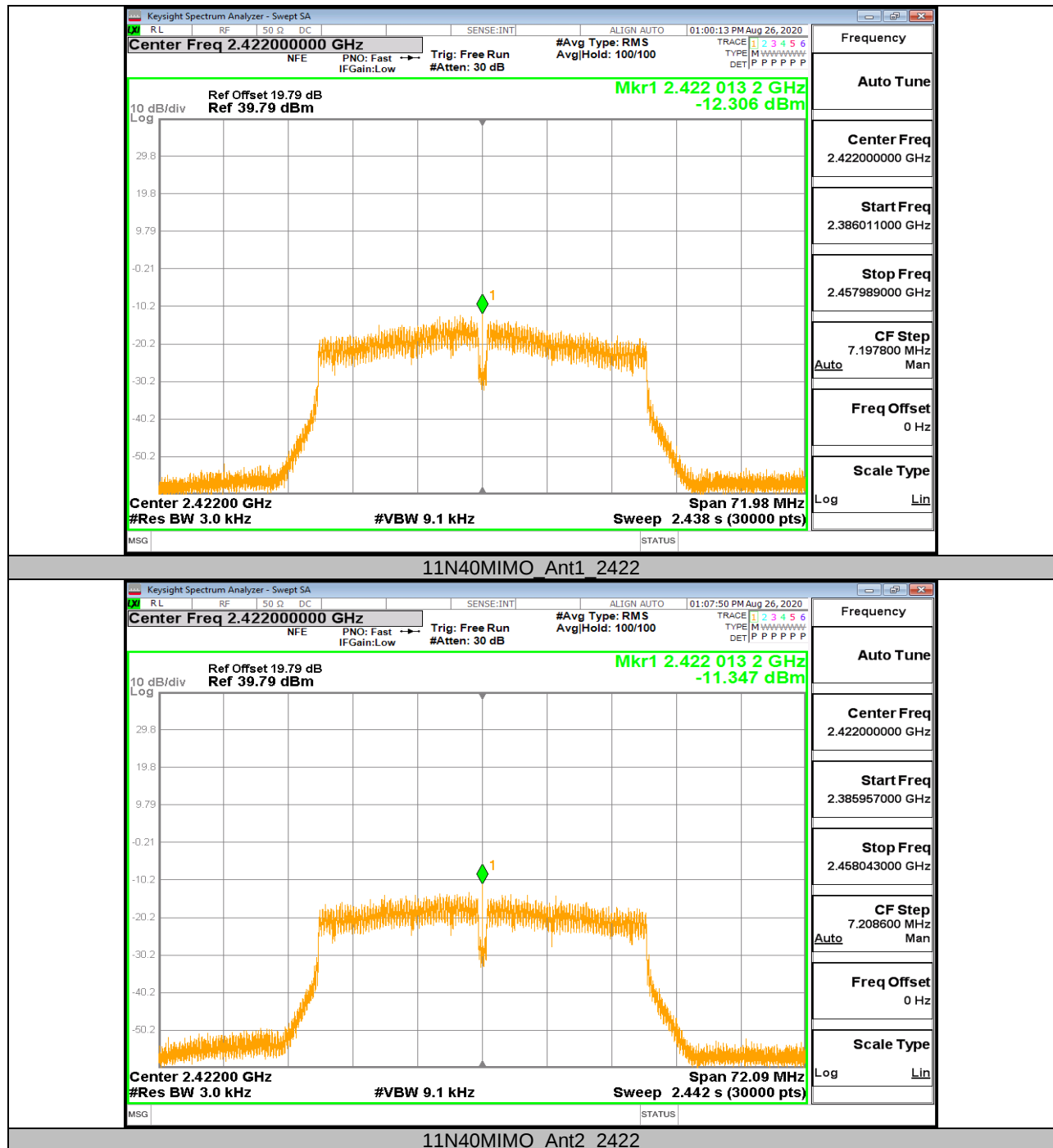


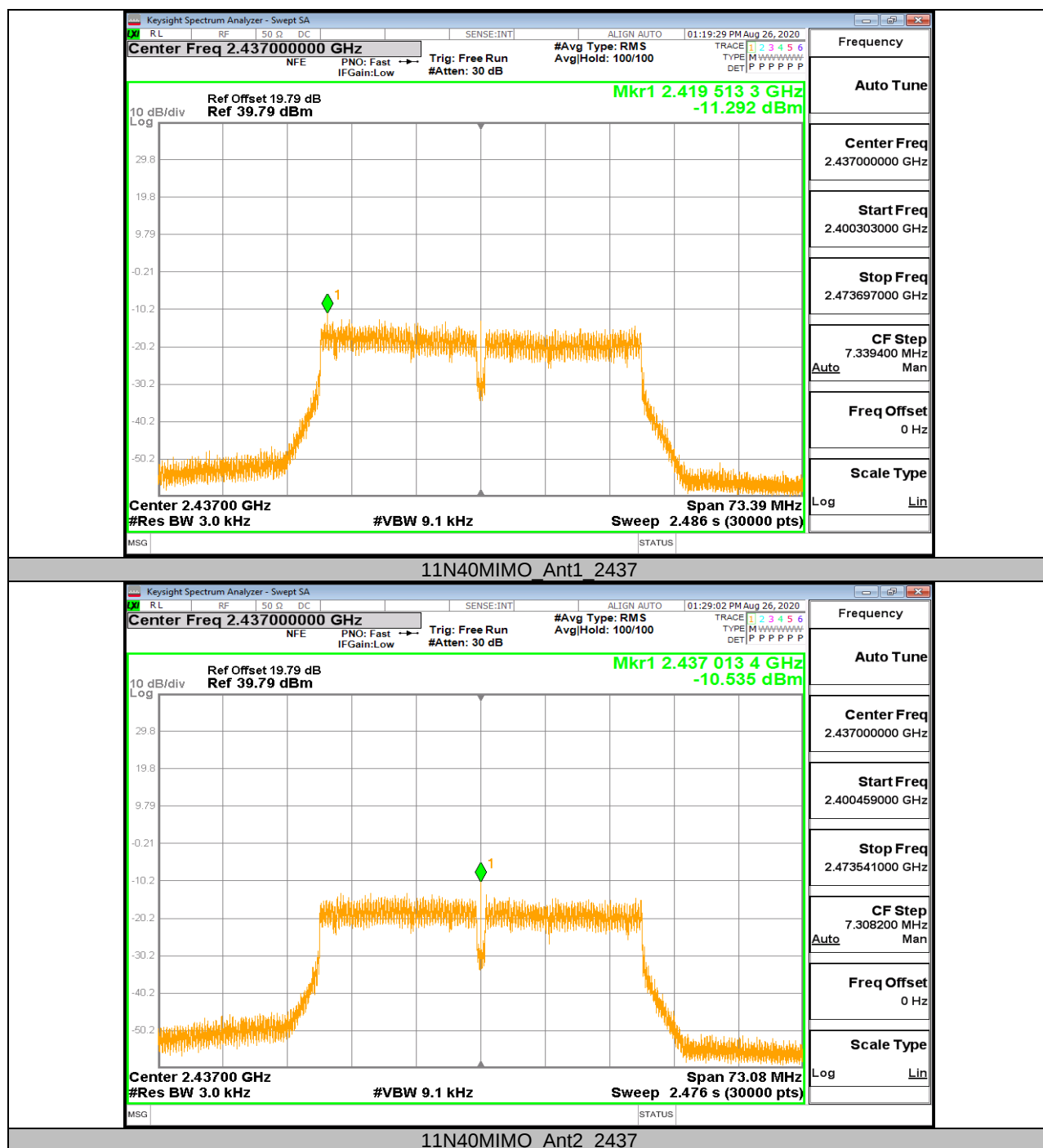


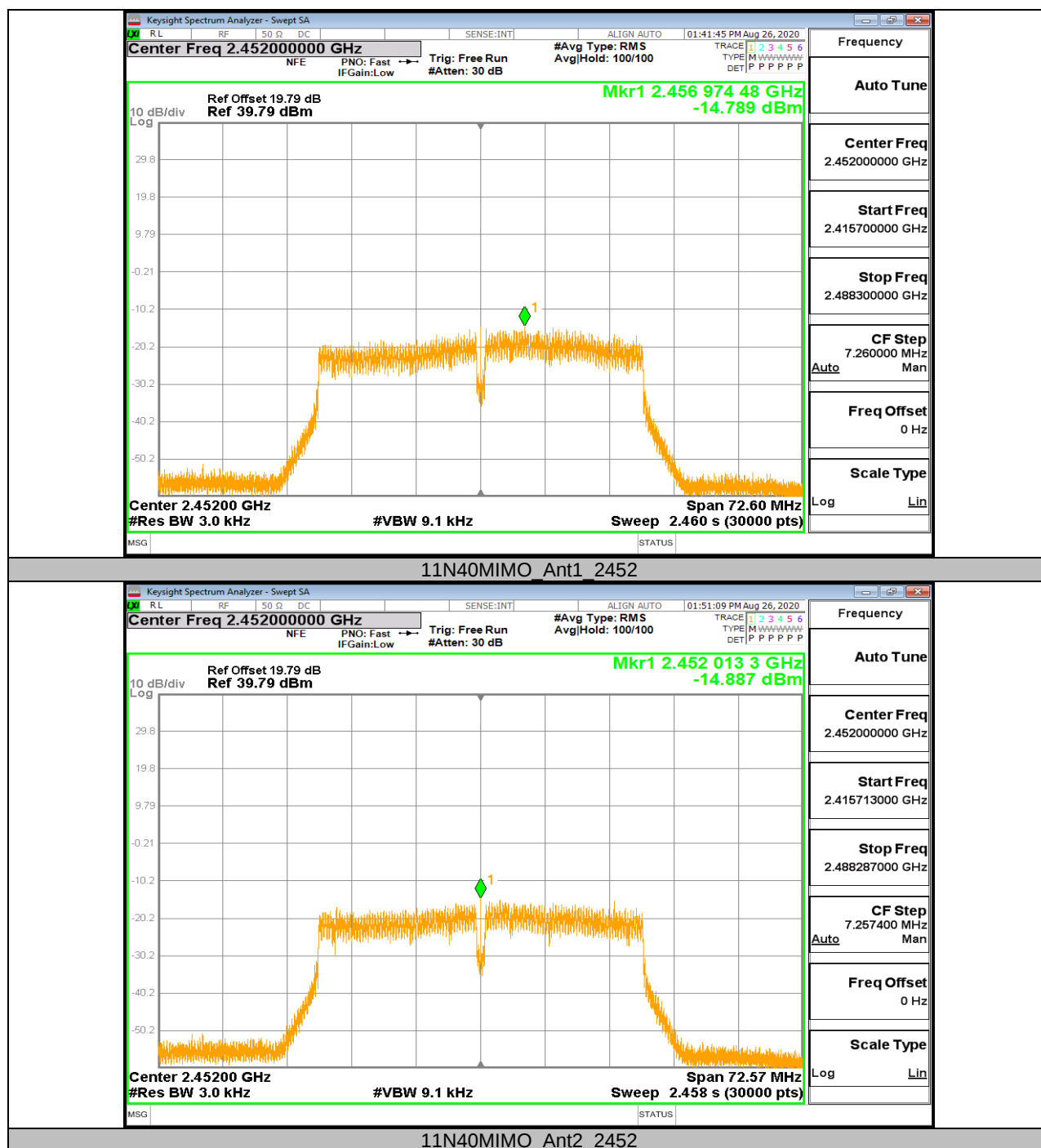














## APPENDIX F: CONDUCTED BANDEDGE

### Test Result

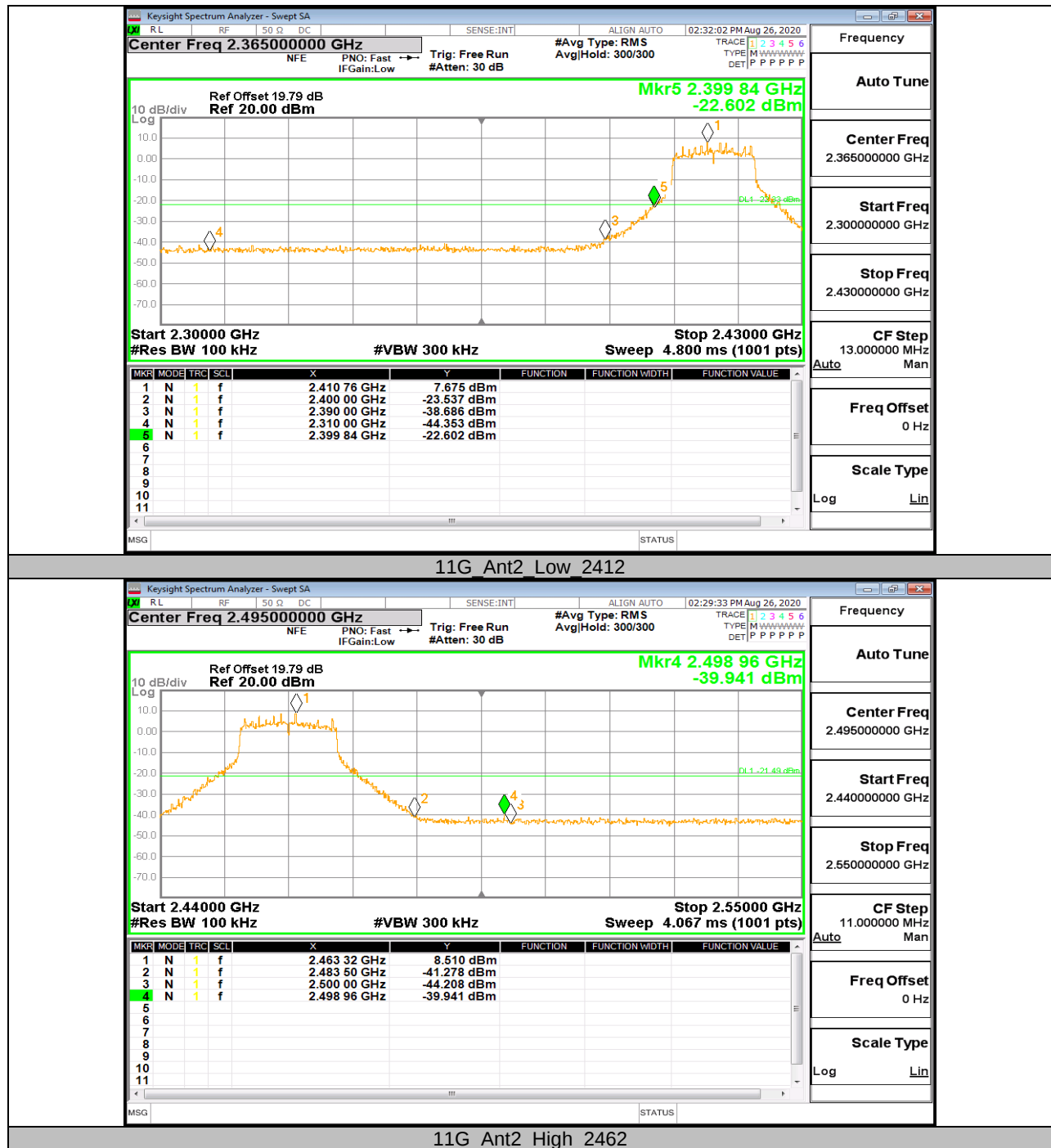
| Test Mode | Antenna | Ch Name | Channel | Ref Level[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|---------|---------|----------------|-------------|------------|---------|
| 11B       | Ant2    | Low     | 2412    | 13.50          | -23.6       | <=-16.5    | PASS    |
|           |         | High    | 2462    | 12.00          | -39.89      | <=-18      | PASS    |
| 11G       | Ant2    | Low     | 2412    | 7.68           | -22.6       | <=-22.33   | PASS    |
|           |         | High    | 2462    | 8.51           | -39.94      | <=-21.49   | PASS    |
| 11N20MIMO | Ant1    | Low     | 2412    | 5.53           | -25.57      | <=-24.47   | PASS    |
|           | Ant2    | Low     | 2412    | 6.21           | -24.8       | <=-23.79   | PASS    |
|           | Ant1    | High    | 2462    | 4.35           | -40.87      | <=-25.65   | PASS    |
|           | Ant2    | High    | 2462    | 3.34           | -40.46      | <=-26.66   | PASS    |
| 11N40MIMO | Ant1    | Low     | 2422    | 1.50           | -37.65      | <=-28.5    | PASS    |
|           | Ant2    | Low     | 2422    | 1.22           | -32.85      | <=-28.78   | PASS    |
|           | Ant1    | High    | 2452    | -0.26          | -39.47      | <=-30.26   | PASS    |
|           | Ant2    | High    | 2452    | -0.91          | -36.97      | <=-30.91   | PASS    |

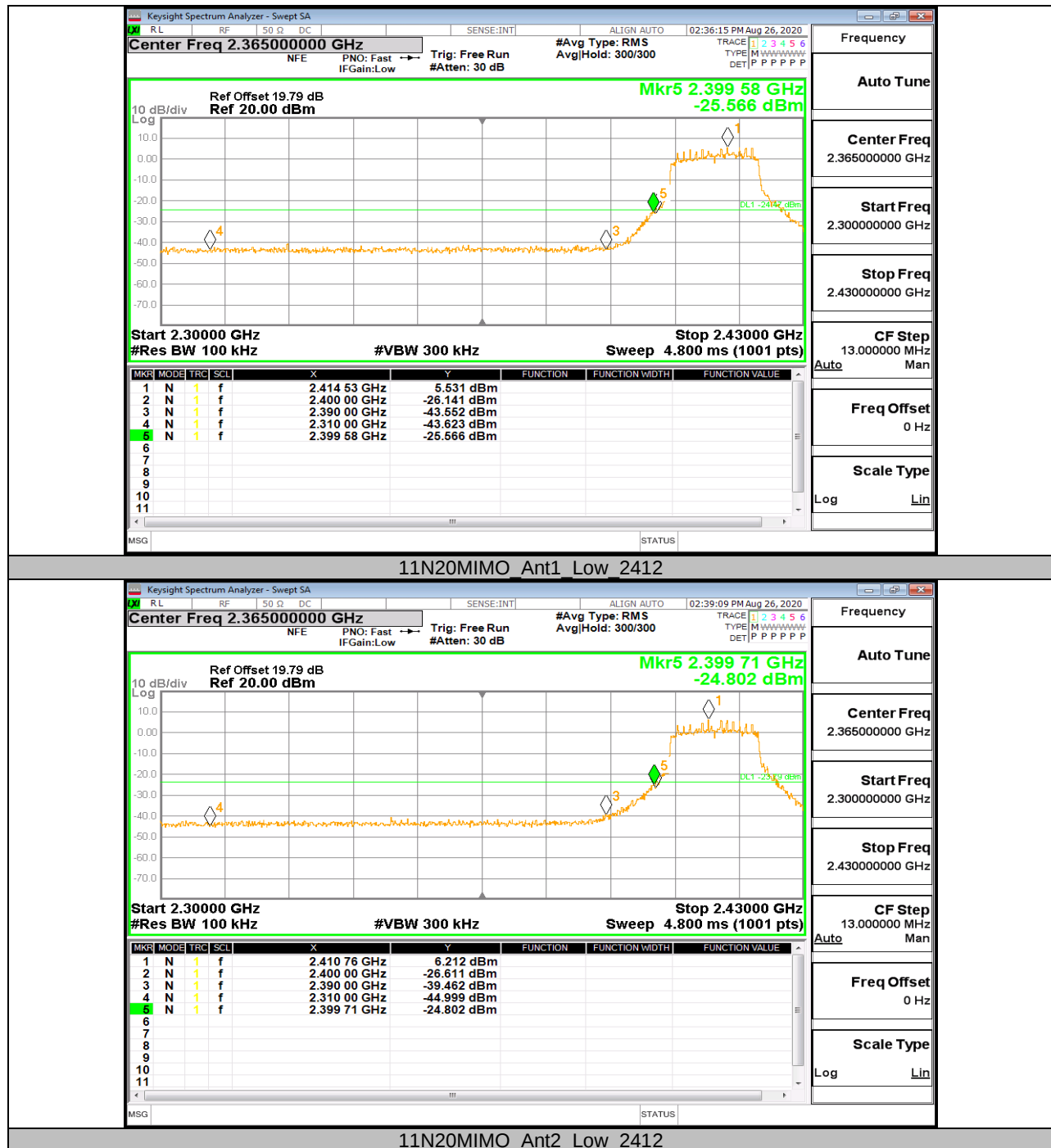
Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.

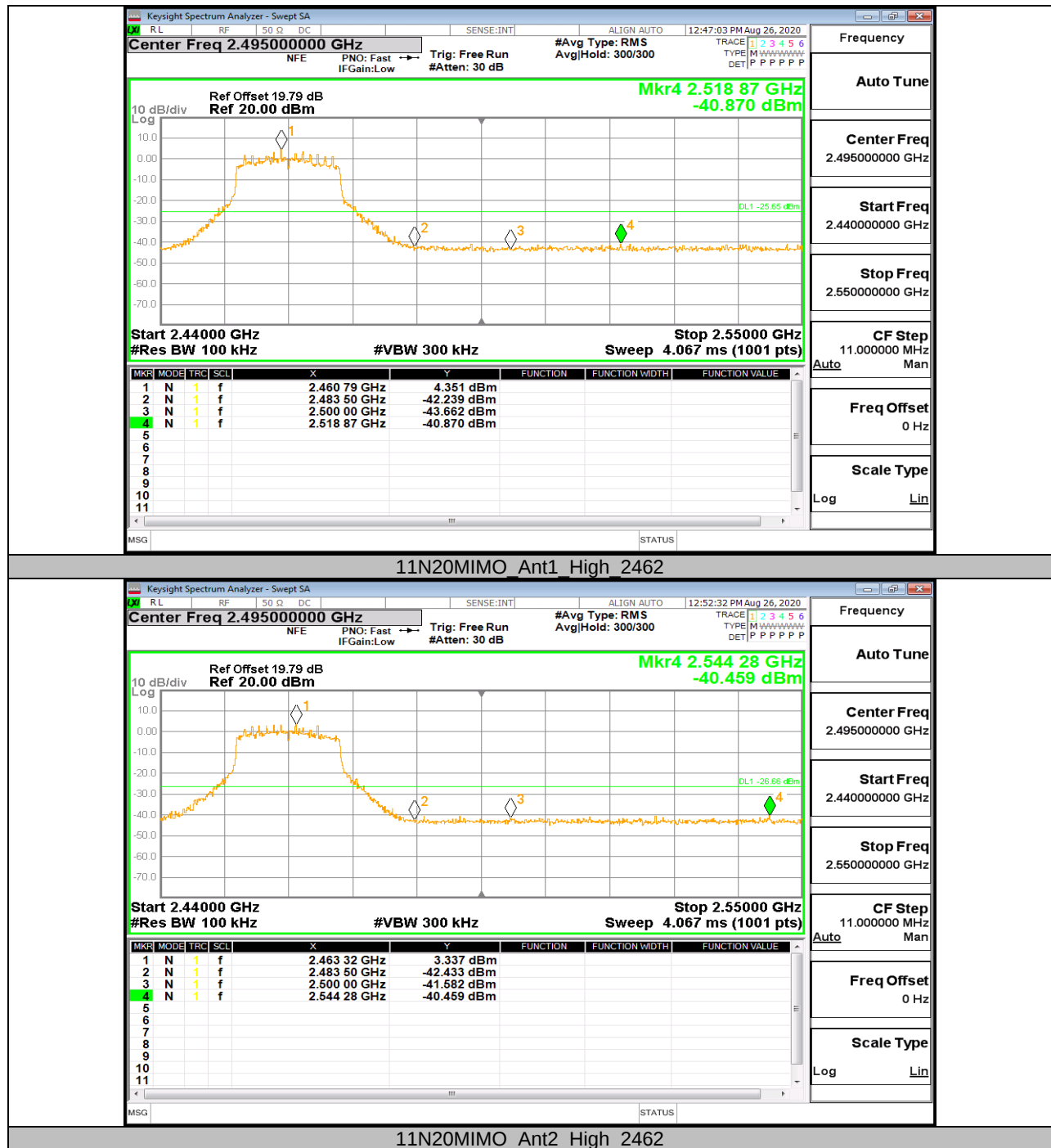


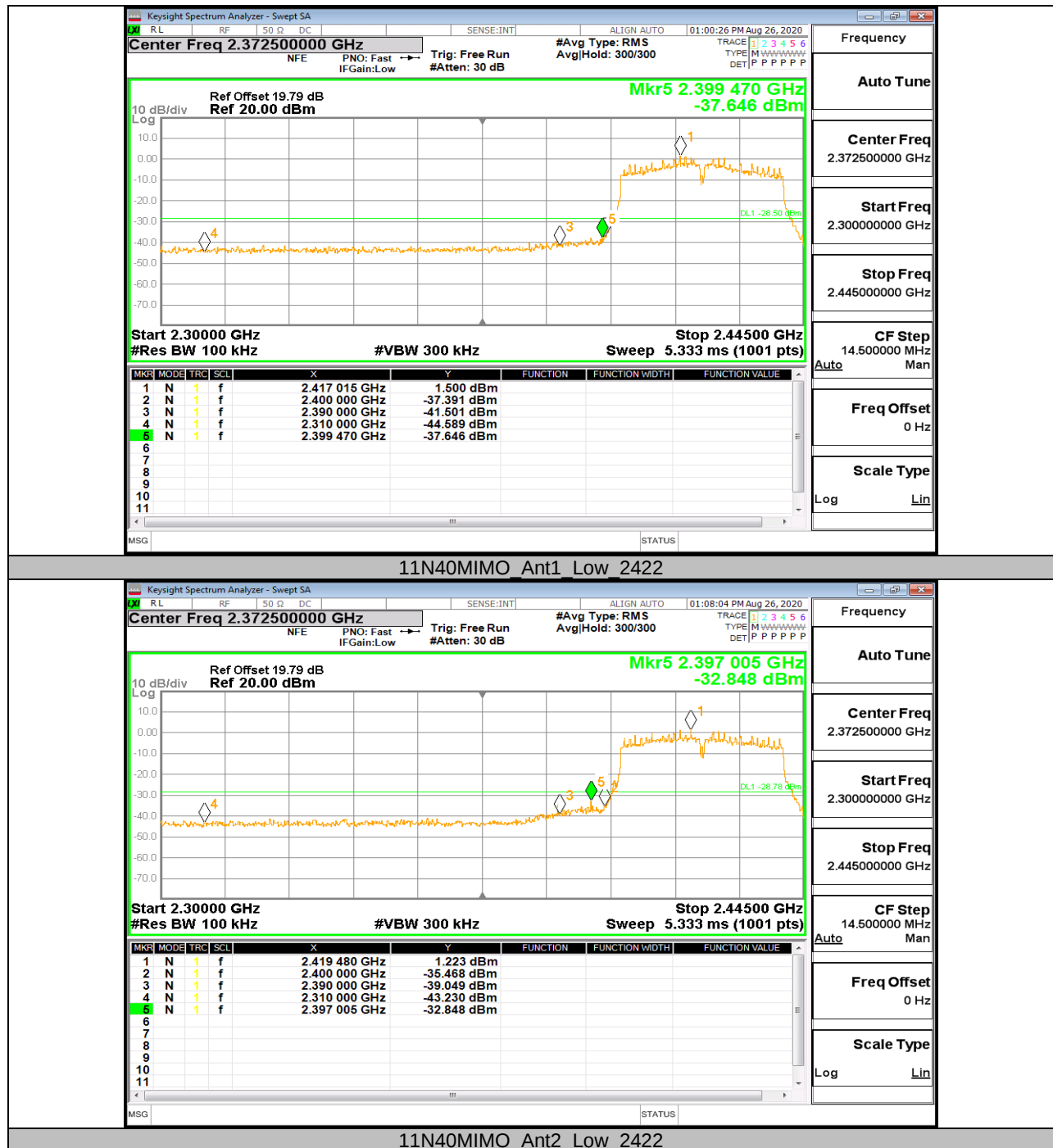
## Test Graphs

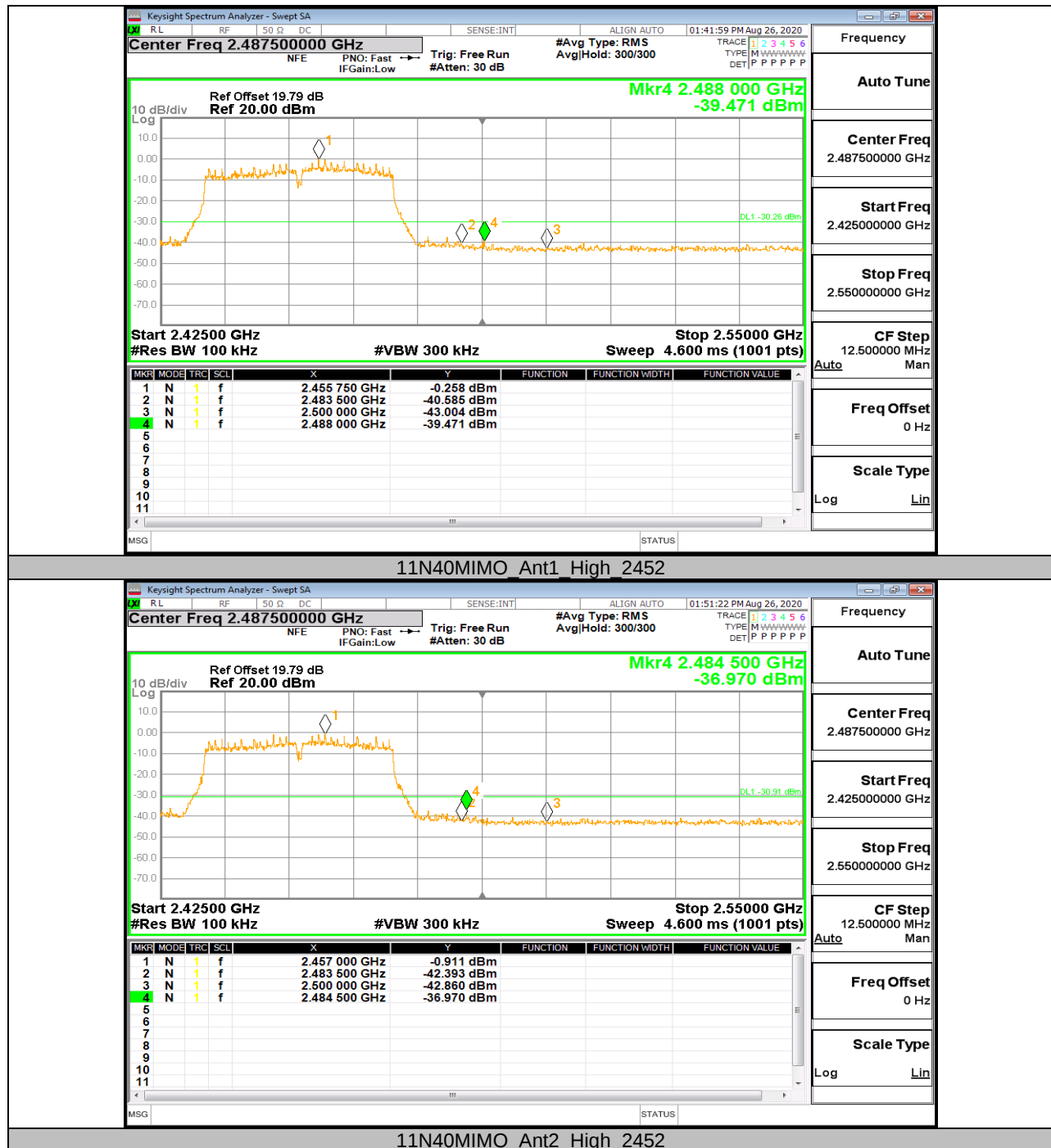












**APPENDIX G: CONDUCTED SPURIOUS EMISSION****Test Result**

| Test Mode | Antenna | Channel | Freq Range [Mhz] | Ref Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|------------------|-----------------|--------------|-------------|---------|
| 11B       | Ant2    | 2412    | Reference        | 13.46           | 13.46        | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.577      | <=-16.544   | PASS    |
|           |         |         | 1000~26500       | ---             | -43.469      | <=-16.544   | PASS    |
|           |         | 2437    | Reference        | 12.50           | 12.50        | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.725      | <=-17.504   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.533      | <=-17.504   | PASS    |
|           |         | 2462    | Reference        | 11.59           | 11.59        | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.254      | <=-18.407   | PASS    |
|           |         |         | 1000~26500       | ---             | -43.218      | <=-18.407   | PASS    |
| 11G       | Ant2    | 2412    | Reference        | 8.10            | 8.10         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.753      | <=-21.899   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.493      | <=-21.899   | PASS    |
|           |         | 2437    | Reference        | 7.55            | 7.55         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.653      | <=-22.452   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.151      | <=-22.452   | PASS    |
|           |         | 2462    | Reference        | 8.29            | 8.29         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.106      | <=-21.708   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.285      | <=-21.708   | PASS    |
| 11N20MIMO | Ant1    | 2412    | Reference        | 5.21            | 5.21         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.939      | <=-24.789   | PASS    |
|           |         |         | 1000~26500       | ---             | -45.013      | <=-24.789   | PASS    |
|           | Ant2    | 2412    | Reference        | 7.15            | 7.15         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.84       | <=-22.846   | PASS    |
|           |         |         | 1000~26500       | ---             | -43.716      | <=-22.846   | PASS    |
|           | Ant1    | 2437    | Reference        | 6.10            | 6.10         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.768      | <=-23.901   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.678      | <=-23.901   | PASS    |
|           | Ant2    | 2437    | Reference        | 6.62            | 6.62         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.155      | <=-23.376   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.452      | <=-23.376   | PASS    |
|           | Ant1    | 2462    | Reference        | 3.35            | 3.35         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.558      | <=-26.653   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.547      | <=-26.653   | PASS    |
|           | Ant2    | 2462    | Reference        | 3.17            | 3.17         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.369      | <=-26.831   | PASS    |
|           |         |         | 1000~26500       | ---             | -43.919      | <=-26.831   | PASS    |
| 11N40MIMO | Ant1    | 2422    | Reference        | 1.03            | 1.03         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.593      | <=-28.97    | PASS    |
|           |         |         | 1000~26500       | ---             | -43.935      | <=-28.97    | PASS    |
|           | Ant2    | 2422    | Reference        | 1.35            | 1.35         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.588      | <=-28.652   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.518      | <=-28.652   | PASS    |
|           | Ant1    | 2437    | Reference        | 1.39            | 1.39         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.824      | <=-28.611   | PASS    |
|           |         |         | 1000~26500       | ---             | -43.853      | <=-28.611   | PASS    |
|           | Ant2    | 2437    | Reference        | 0.90            | 0.90         | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.162      | <=-29.099   | PASS    |
|           |         |         | 1000~26500       | ---             | -43.641      | <=-29.099   | PASS    |
|           | Ant1    | 2452    | Reference        | -0.12           | -0.12        | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -53.161      | <=-30.12    | PASS    |
|           |         |         | 1000~26500       | ---             | -44.189      | <=-30.12    | PASS    |
|           | Ant2    | 2452    | Reference        | -0.24           | -0.24        | ---         | PASS    |
|           |         |         | 30~1000          | ---             | -52.557      | <=-30.237   | PASS    |
|           |         |         | 1000~26500       | ---             | -44.315      | <=-30.237   | PASS    |



Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.



## Test Graphs

