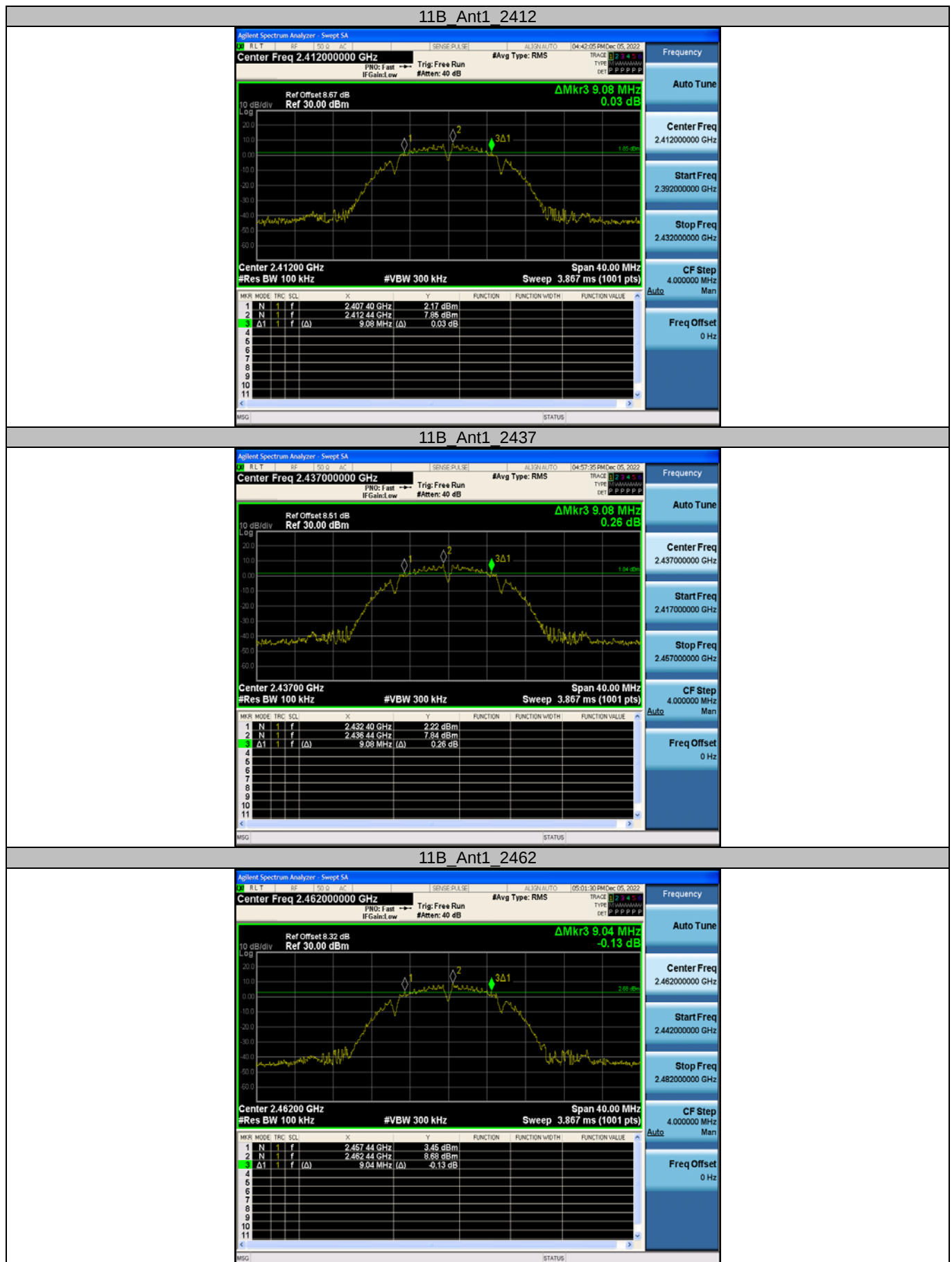


## Appendix A: DTS Bandwidth

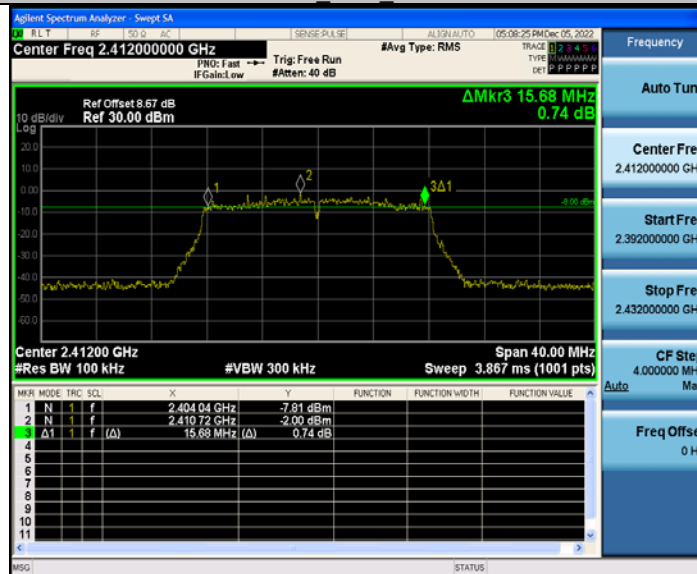
### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | DTS BW<br>[MHz] | Limit<br>[MHz] | Verdict |
|-----------|---------|--------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412               | 9.080           | 0.5            | PASS    |
|           |         | 2437               | 9.080           | 0.5            | PASS    |
|           |         | 2462               | 9.040           | 0.5            | PASS    |
| 11G       | Ant1    | 2412               | 15.680          | 0.5            | PASS    |
|           |         | 2437               | 15.120          | 0.5            | PASS    |
|           |         | 2462               | 13.840          | 0.5            | PASS    |
| 11N20SISO | Ant1    | 2412               | 15.080          | 0.5            | PASS    |
|           |         | 2437               | 15.080          | 0.5            | PASS    |
|           |         | 2462               | 13.800          | 0.5            | PASS    |

## Test Graphs



## 11G\_Ant1\_2412

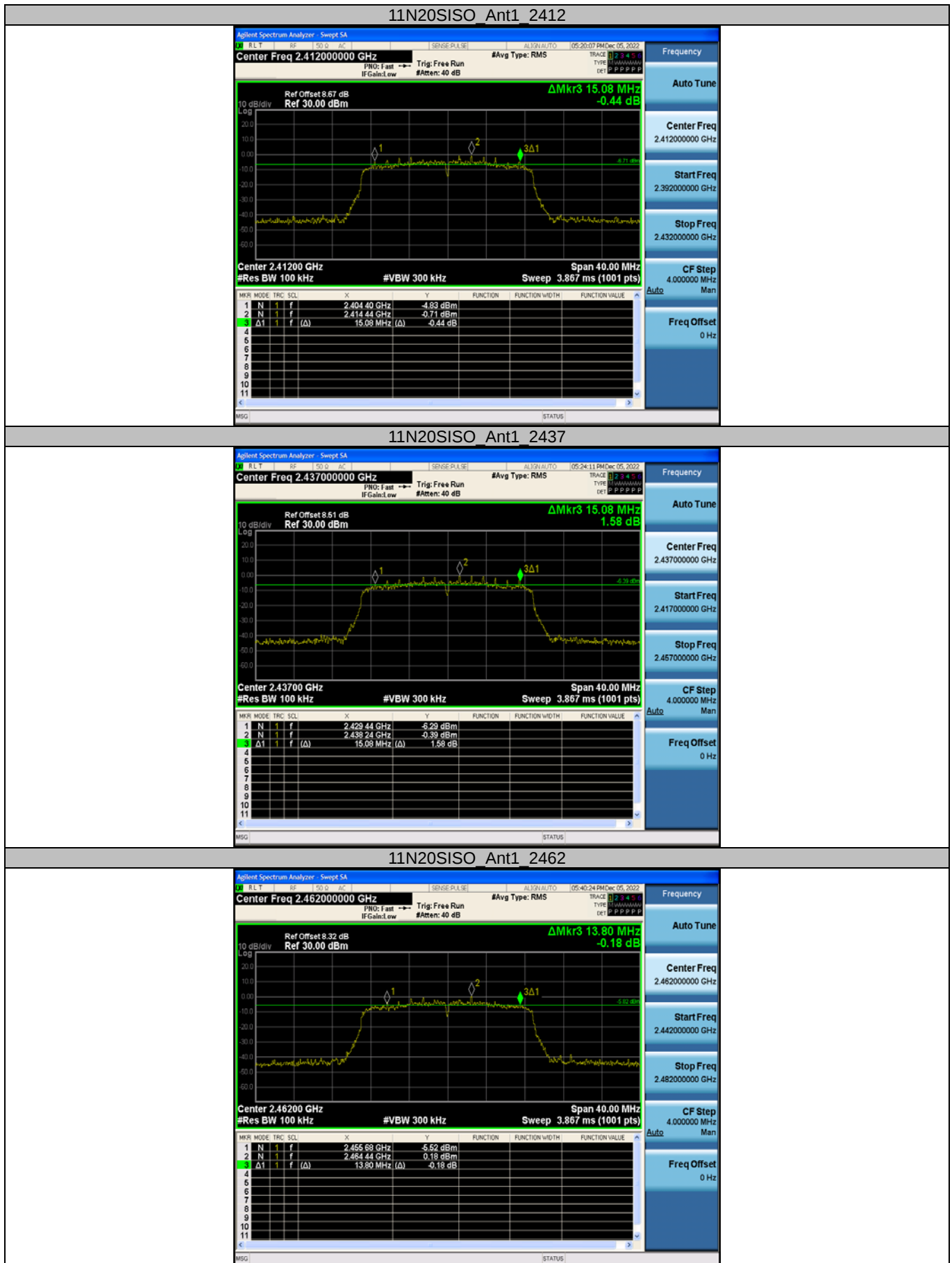


## 11G\_Ant1\_2437



## 11G\_Ant1\_2462





## Appendix B: Maximum conducted output power

### Test Result Peak

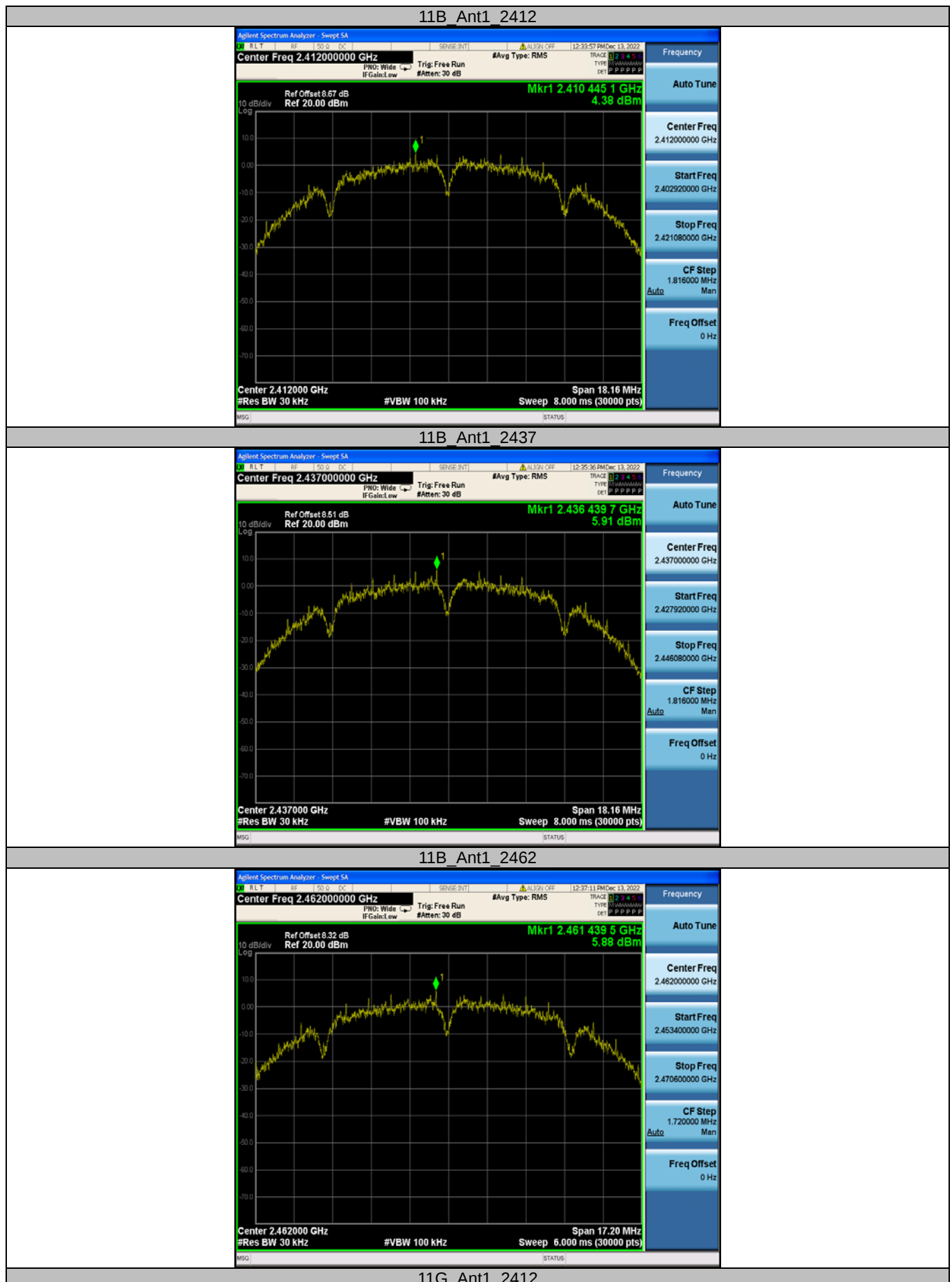
| Test Mode | Antenna | Frequency<br>[MHz] | Peak Power<br>[dBm] | Conducted Limit<br>[dBm] | Verdict |
|-----------|---------|--------------------|---------------------|--------------------------|---------|
| 11B       | Ant1    | 2412               | 21.20               | ≤30.00                   | PASS    |
|           |         | 2437               | 21.53               | ≤30.00                   | PASS    |
|           |         | 2462               | 21.82               | ≤30.00                   | PASS    |
| 11G       | Ant1    | 2412               | 23.20               | ≤30.00                   | PASS    |
|           |         | 2437               | 23.51               | ≤30.00                   | PASS    |
|           |         | 2462               | 23.95               | ≤30.00                   | PASS    |
| 11N20SISO | Ant1    | 2412               | 22.02               | ≤30.00                   | PASS    |
|           |         | 2437               | 22.14               | ≤30.00                   | PASS    |
|           |         | 2462               | 22.27               | ≤30.00                   | PASS    |

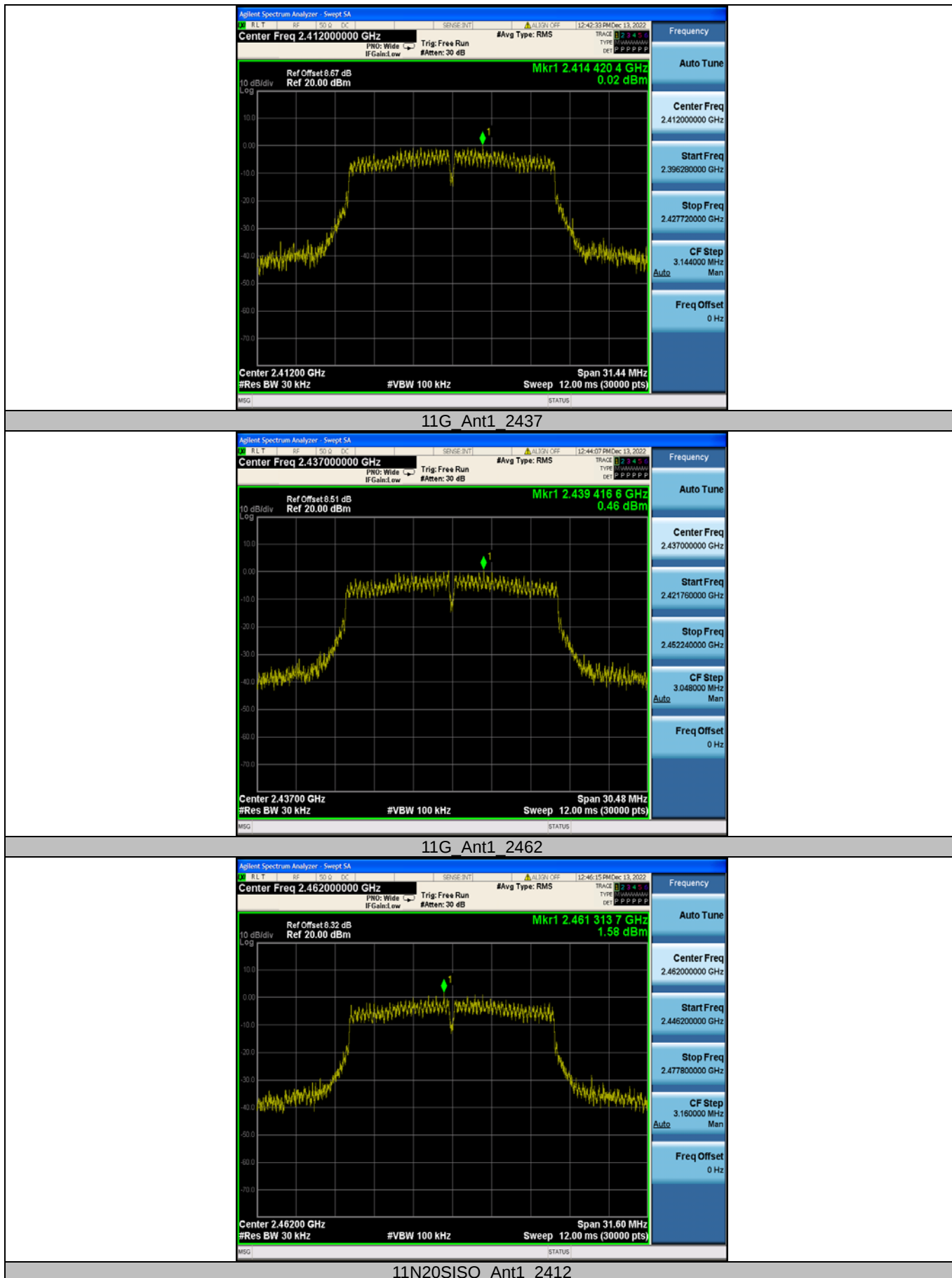
## Appendix C: Maximum power spectral density

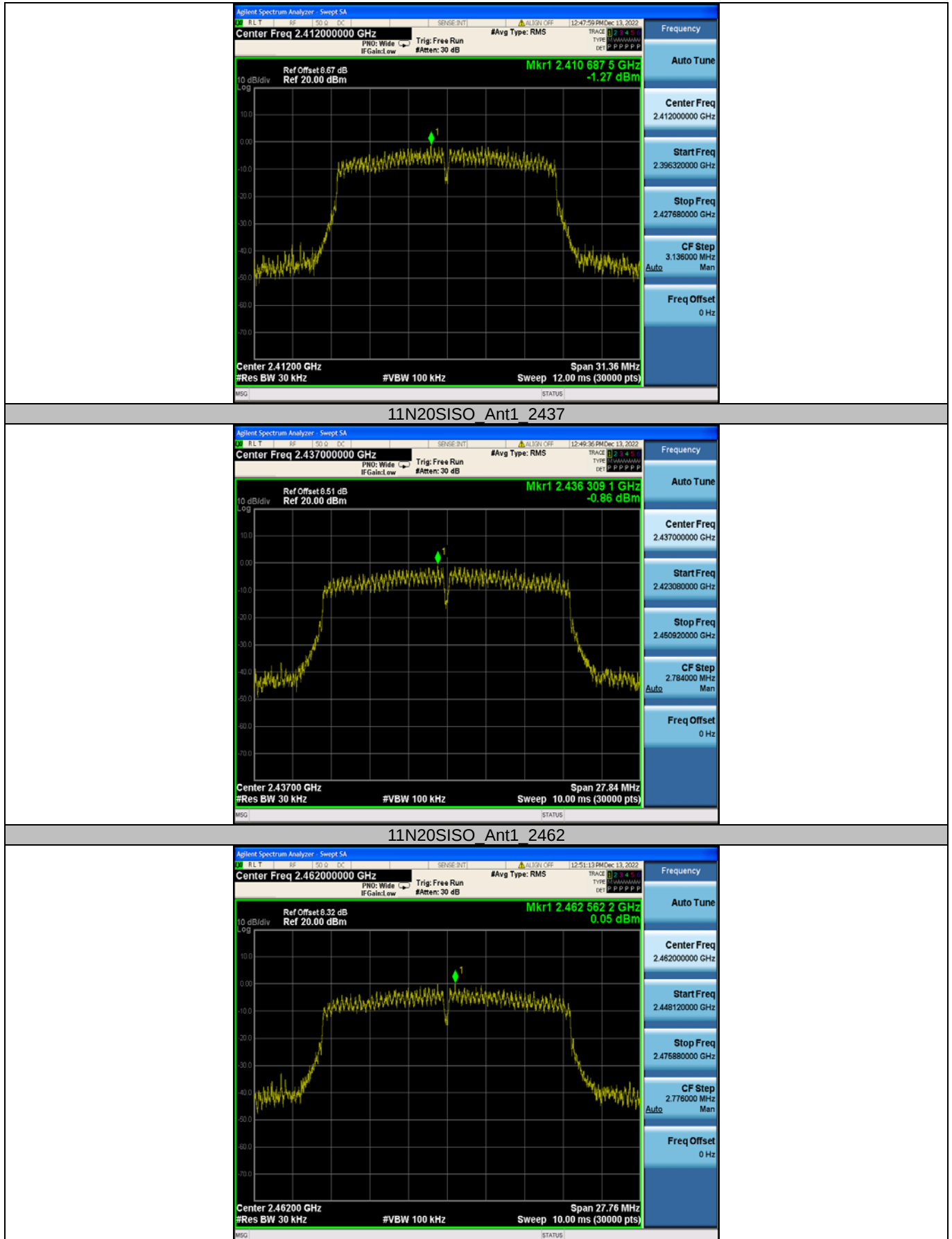
### Test Result

| Test Mode | Antenna | Frequency<br>[MHz] | Result<br>[dBm/3-100kHz] | Limit<br>[dBm/3kHz] | Verdict |
|-----------|---------|--------------------|--------------------------|---------------------|---------|
| 11B       | Ant1    | 2412               | 4.38                     | ≤8.00               | PASS    |
|           |         | 2437               | 5.91                     | ≤8.00               | PASS    |
|           |         | 2462               | 5.88                     | ≤8.00               | PASS    |
| 11G       | Ant1    | 2412               | 0.02                     | ≤8.00               | PASS    |
|           |         | 2437               | 0.46                     | ≤8.00               | PASS    |
|           |         | 2462               | 1.58                     | ≤8.00               | PASS    |
| 11N20SISO | Ant1    | 2412               | -1.27                    | ≤8.00               | PASS    |
|           |         | 2437               | -0.86                    | ≤8.00               | PASS    |
|           |         | 2462               | 0.05                     | ≤8.00               | PASS    |

## Test Graphs







## Appendix D: Band edge measurements



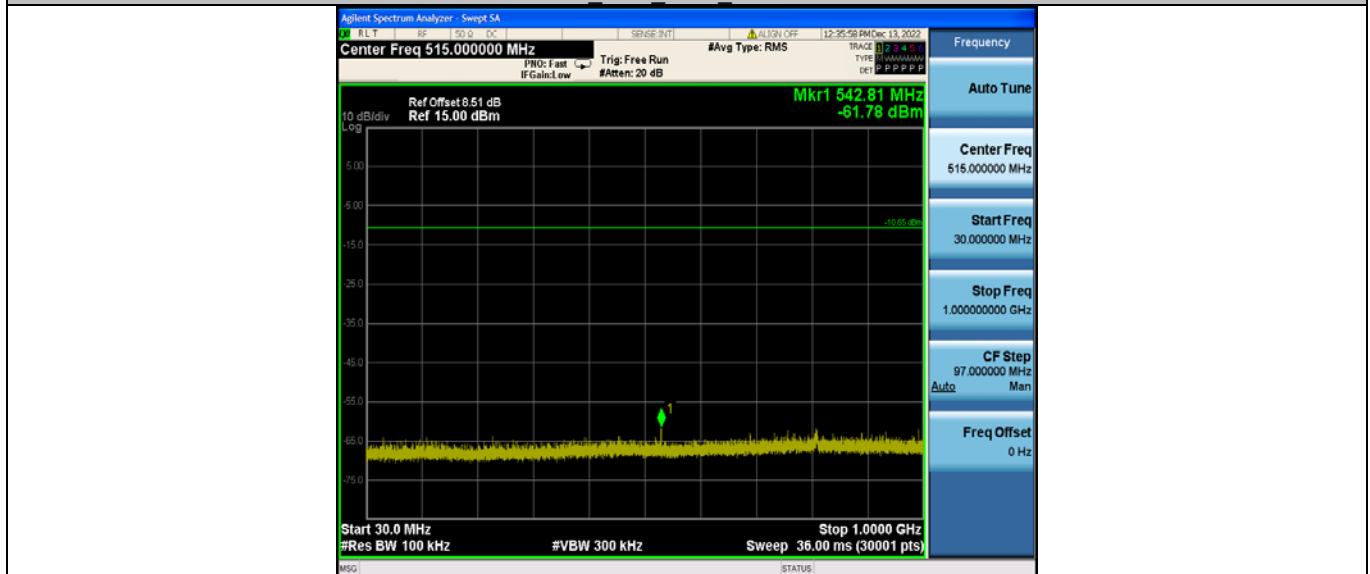


## Appendix E: Conducted Spurious Emission

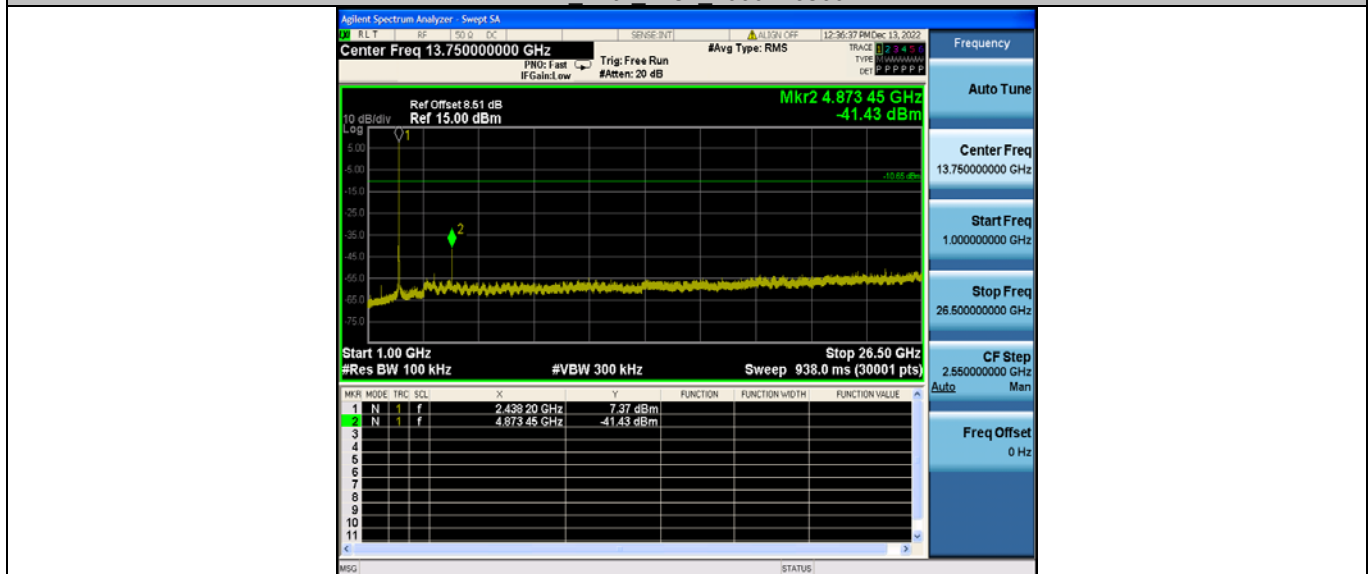




11B\_Ant1\_2437\_30~1000

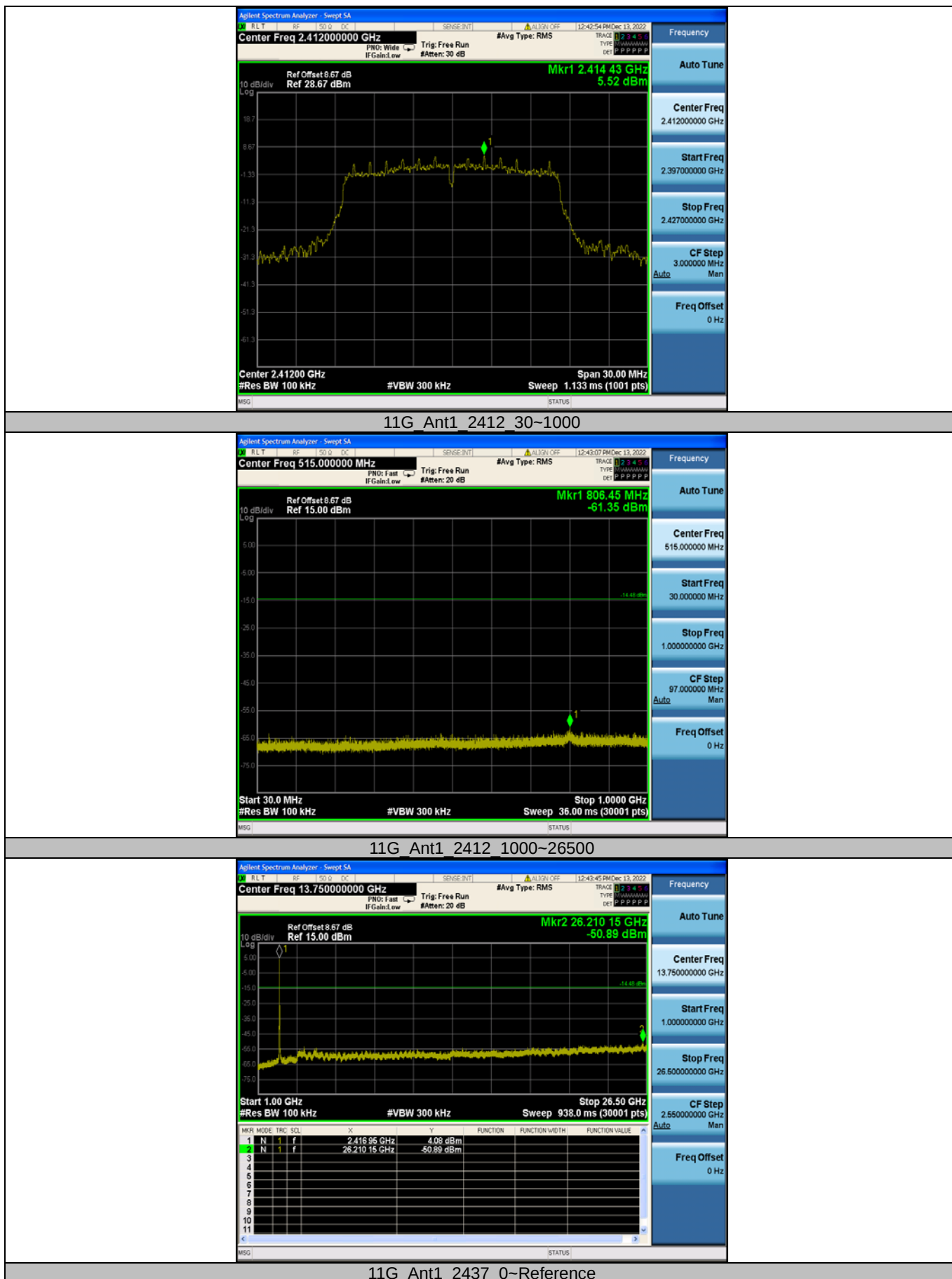


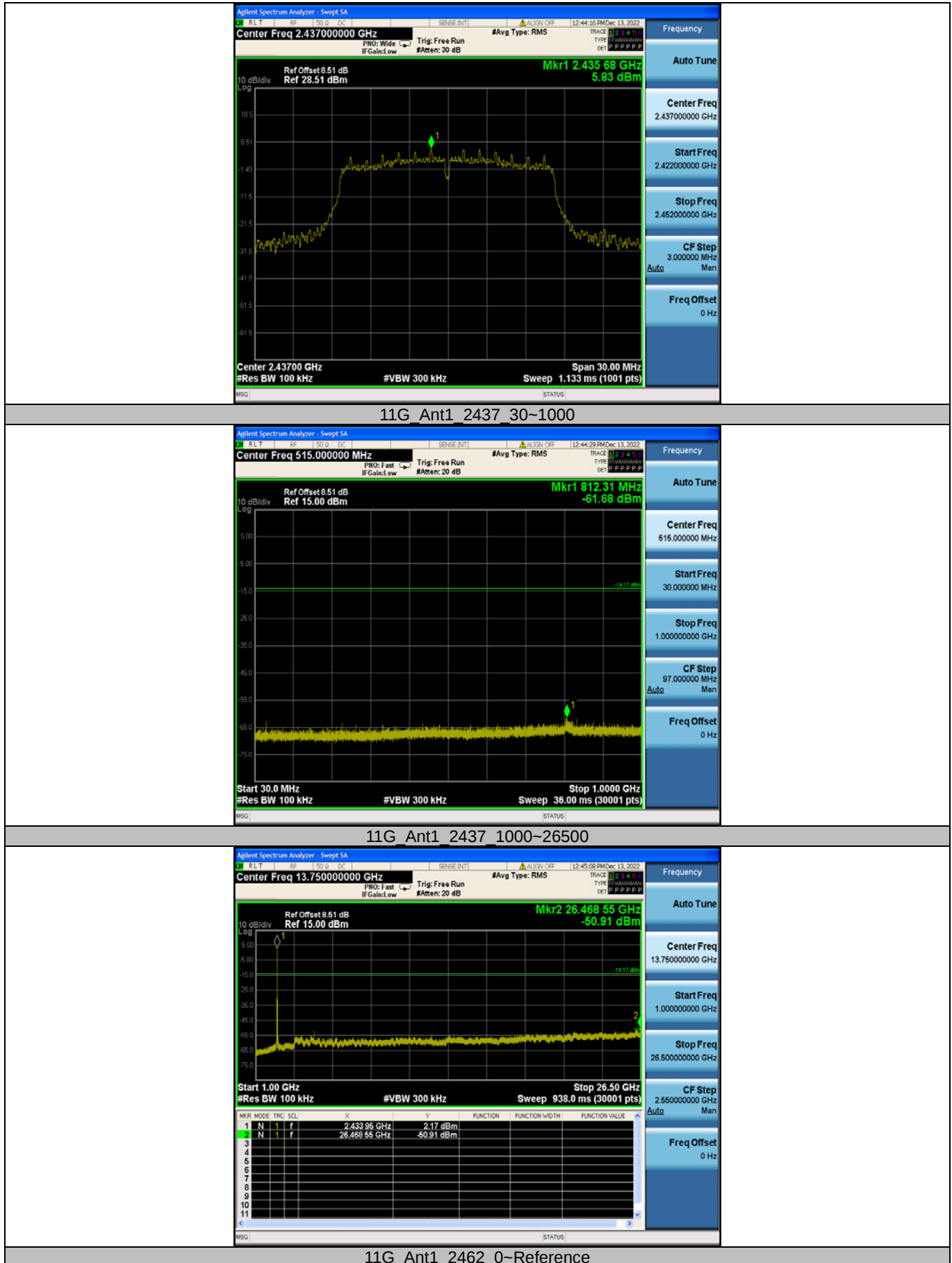
11B\_Ant1\_2437\_1000~26500

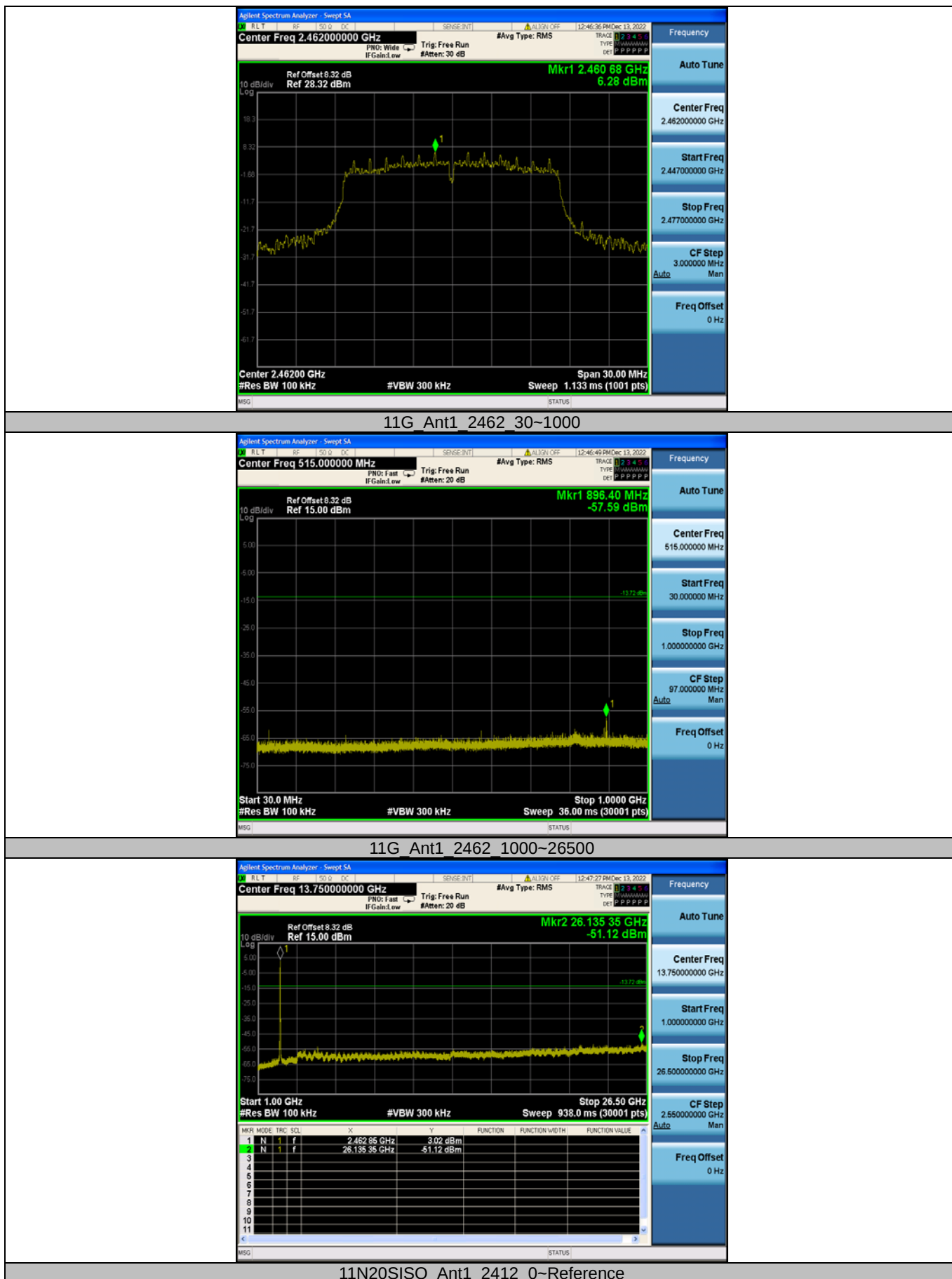


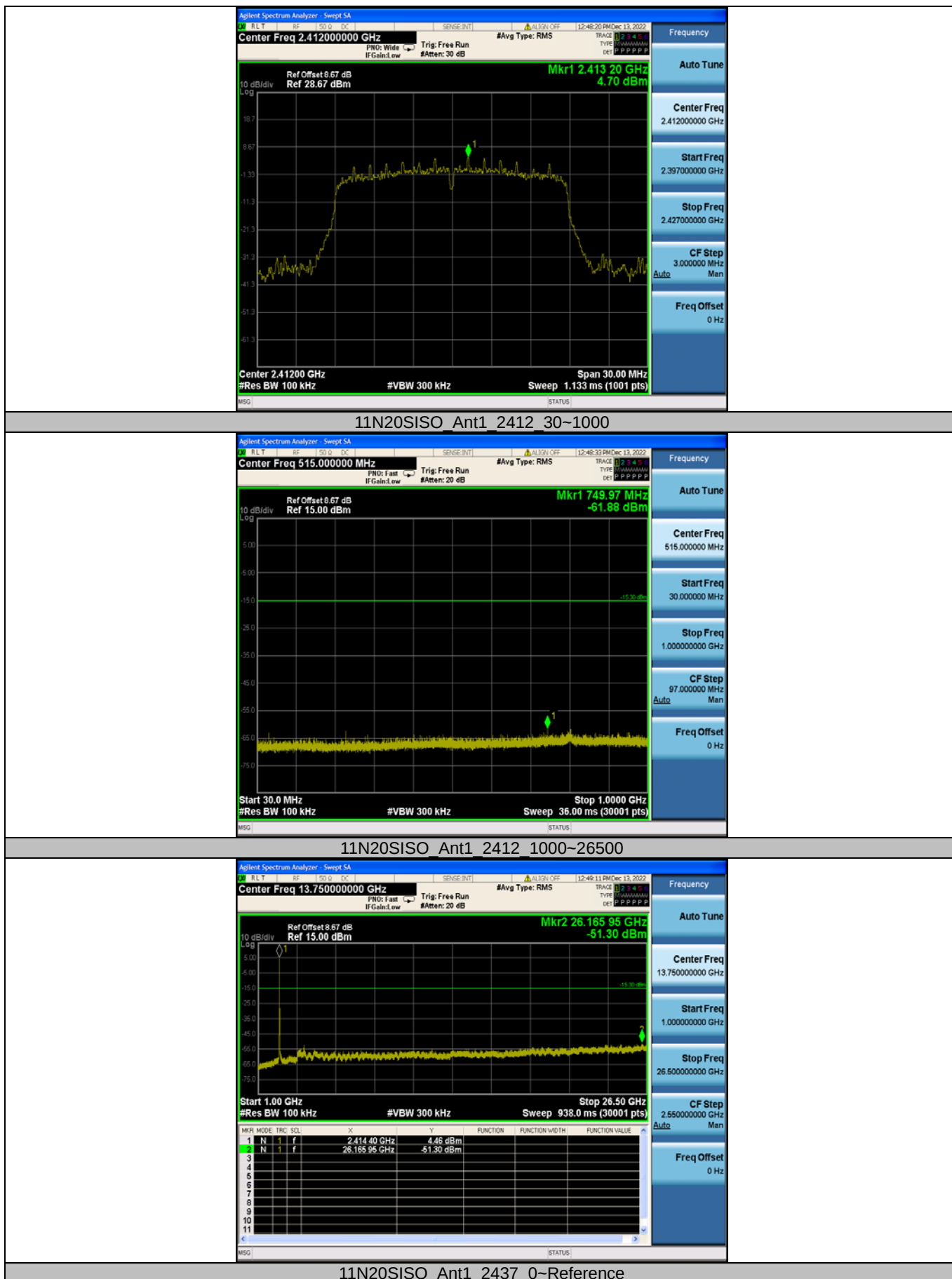
11B\_Ant1\_2462\_0~Reference

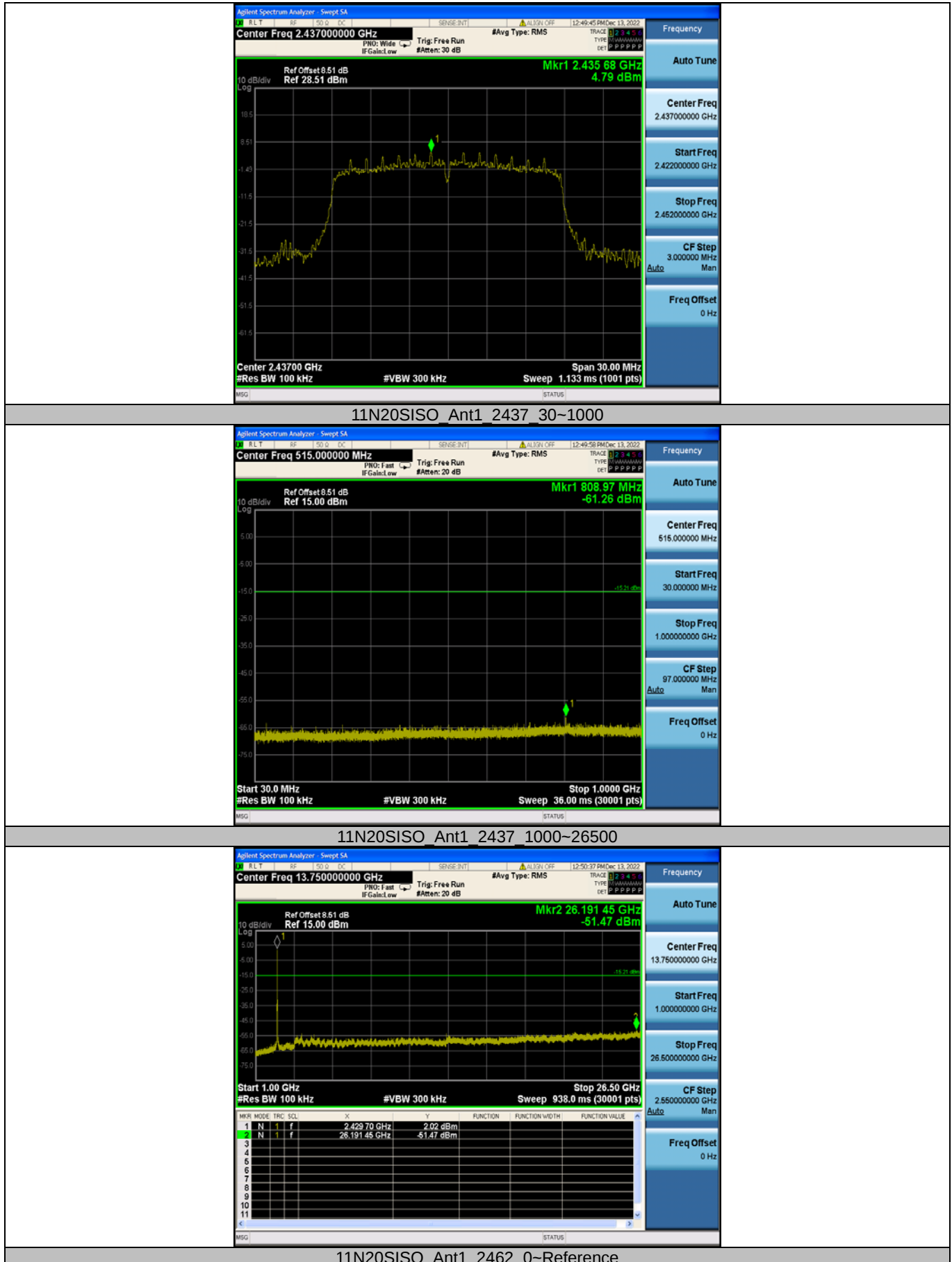


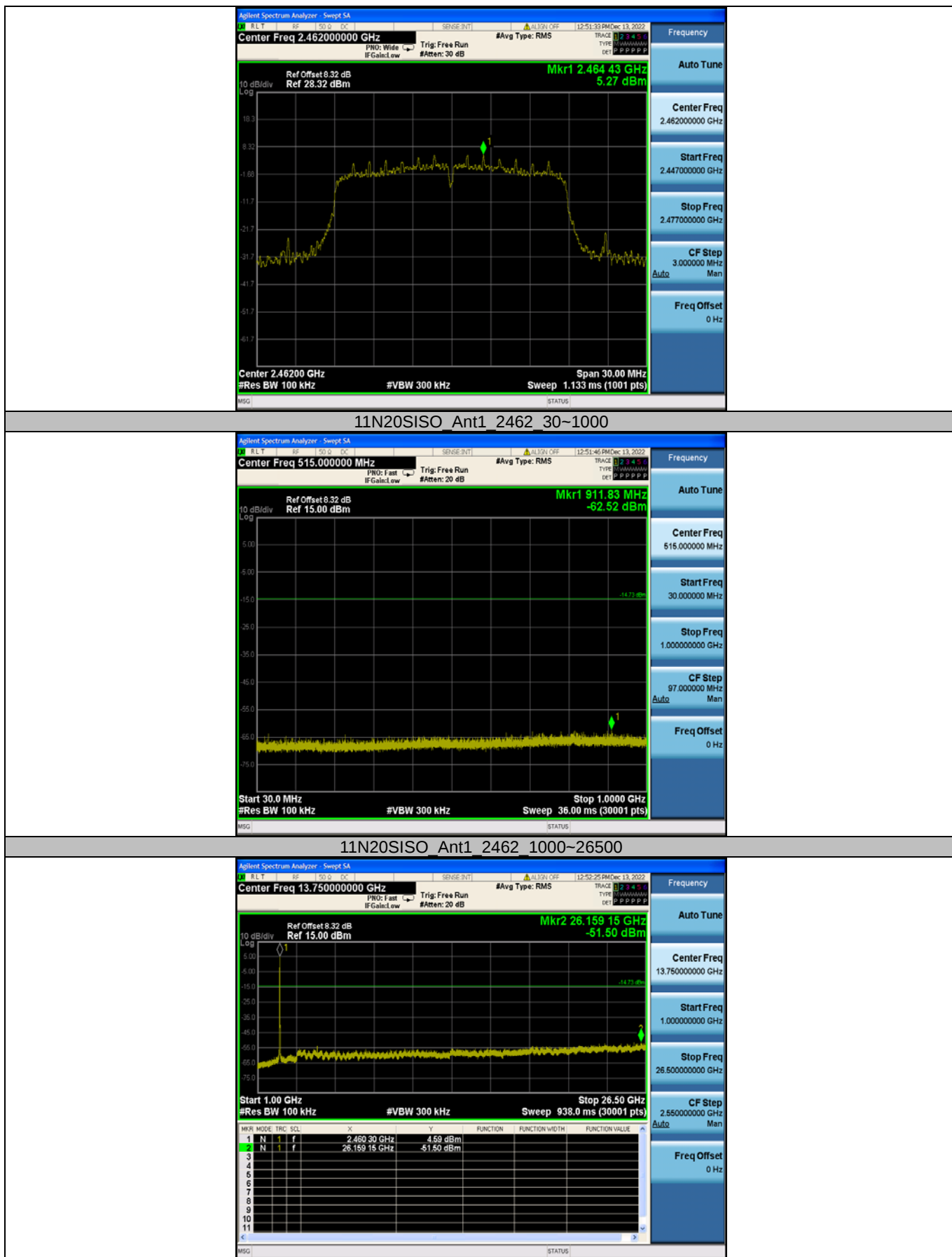












## Appendix F: Duty Cycle

### Test Result

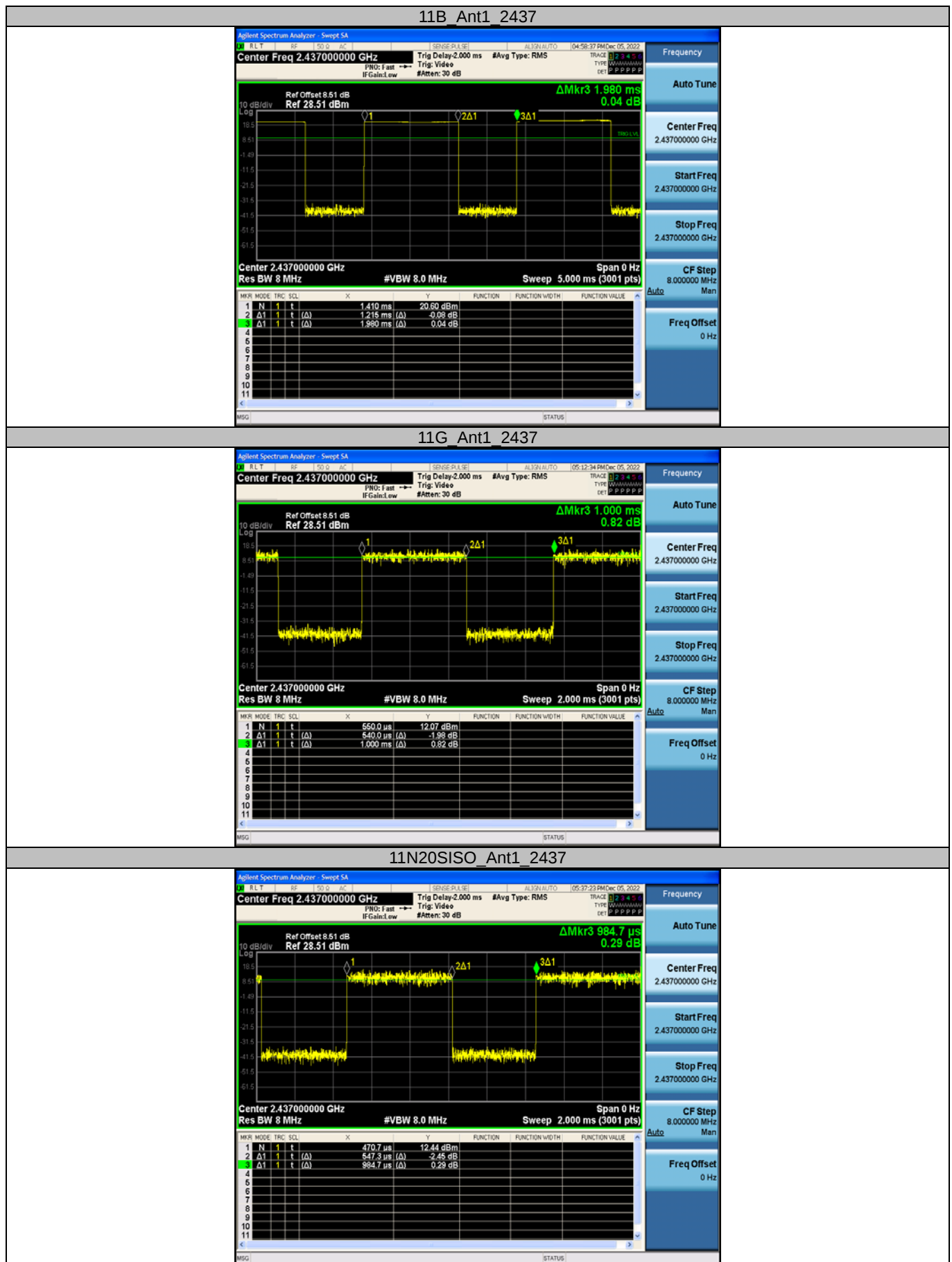
| Test Mode | Antenna | Frequency<br>[MHz] | Transmission<br>Duration<br>[ms] | Transmission<br>Period<br>[ms] | Duty Cycle<br>[%] | Factor |
|-----------|---------|--------------------|----------------------------------|--------------------------------|-------------------|--------|
| 11B       | Ant1    | 2437               | 1.215                            | 1.98                           | 61.36             | 2.12   |
| 11G       | Ant1    | 2437               | 0.54                             | 1.00                           | 54.00             | 2.68   |
| 11N20SISO | Ant1    | 2437               | 0.5473                           | 0.9847                         | 55.58             | 2.55   |

### Notes:

Duty Cycle [%] = Transmission Duration [ms] / Transmission Period [ms] \* 100

Factor = 10 \* log (Duty Cycle)

## Test Graphs



## Photographs of the Test Setup

See the Appendix – Test Setup Photos.

## Photographs of the EUT

See the Appendix - EUT Photos.

----End of Report----