

## Appendix A: DTS Bandwidth

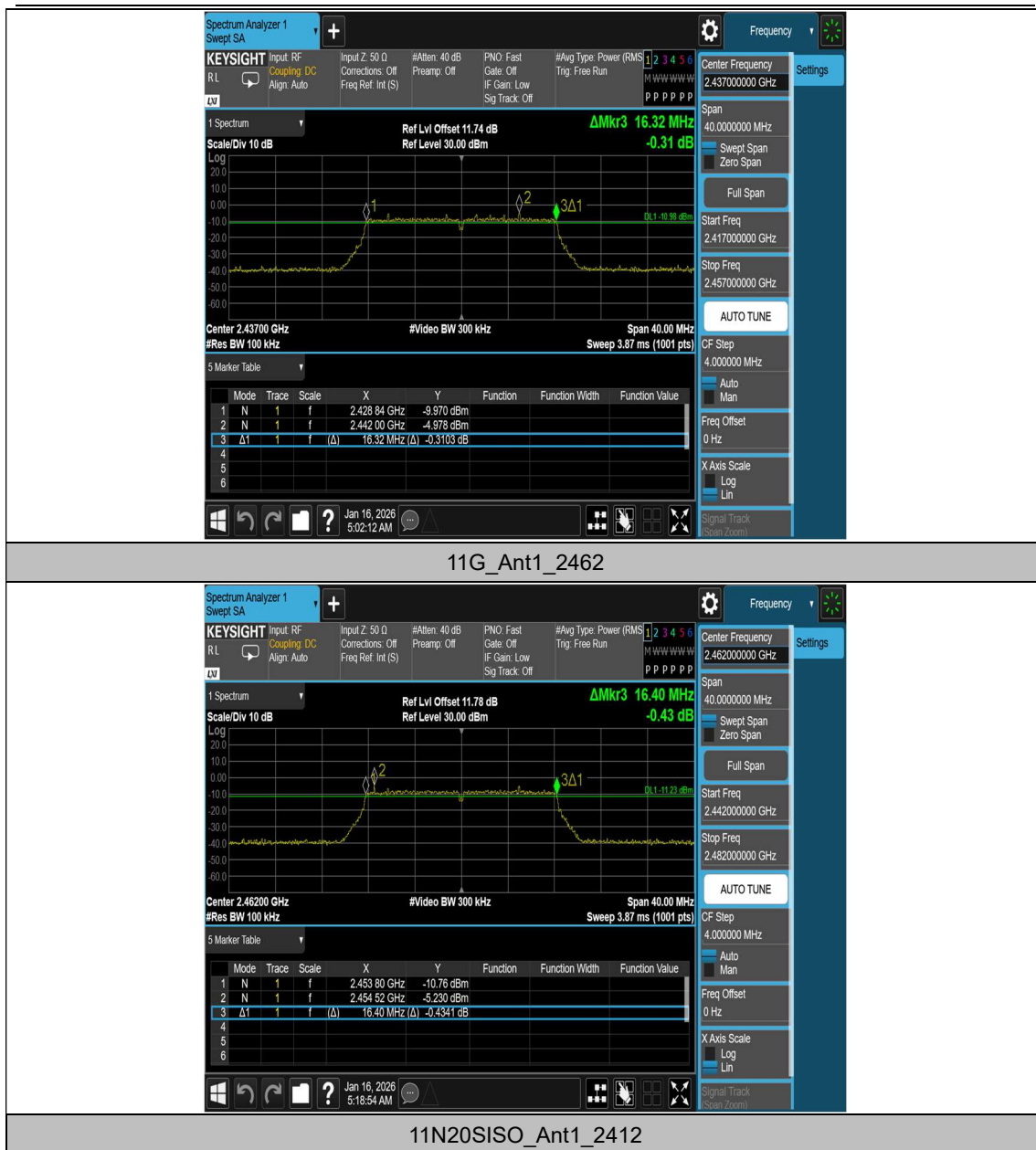
### Test Result

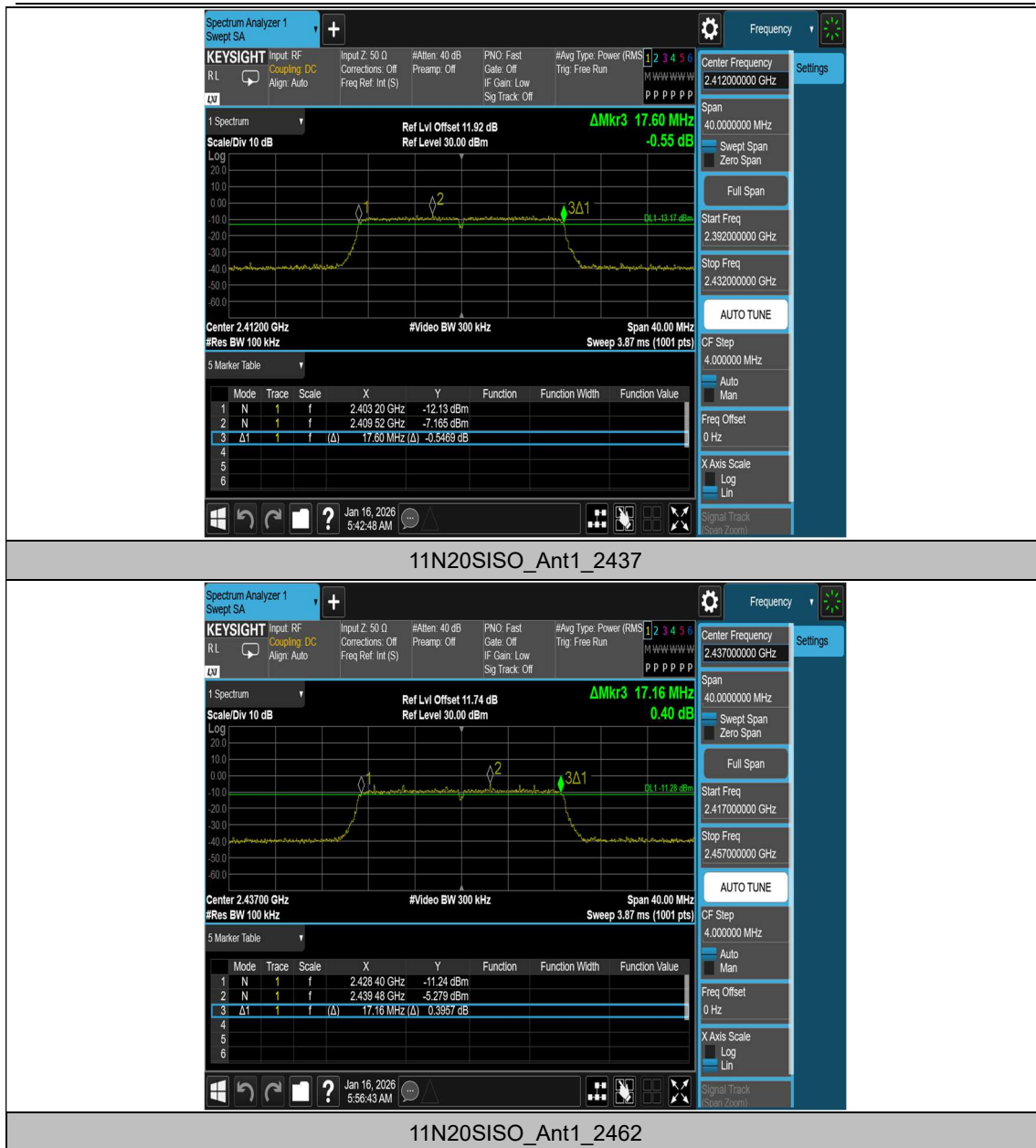
| TestMode      | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|---------------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B           | Ant1    | 2412           | 10.080       | 2406.960 | 2417.040 | 0.5        | PASS    |
|               |         | 2437           | 10.080       | 2431.960 | 2442.040 | 0.5        | PASS    |
|               |         | 2462           | 10.080       | 2456.960 | 2467.040 | 0.5        | PASS    |
| 11G           | Ant1    | 2412           | 16.440       | 2403.760 | 2420.200 | 0.5        | PASS    |
|               |         | 2437           | 16.320       | 2428.840 | 2445.160 | 0.5        | PASS    |
|               |         | 2462           | 16.400       | 2453.800 | 2470.200 | 0.5        | PASS    |
| 11N20SI<br>SO | Ant1    | 2412           | 17.600       | 2403.200 | 2420.800 | 0.5        | PASS    |
|               |         | 2437           | 17.160       | 2428.400 | 2445.560 | 0.5        | PASS    |
|               |         | 2462           | 17.360       | 2453.400 | 2470.760 | 0.5        | PASS    |

## Test Graphs











## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode      | Antenna | Channel<br>Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|---------------|---------|---------------------------|-----------|-----------|-----------|------------|---------|
| 11B           | Ant1    | 2412                      | 15.422    | 2404.2983 | 2419.7203 | ---        | ---     |
|               |         | 2437                      | 15.387    | 2429.3267 | 2444.7137 | ---        | ---     |
|               |         | 2462                      | 15.349    | 2454.3323 | 2469.6813 | ---        | ---     |
| 11G           | Ant1    | 2412                      | 17.060    | 2403.4650 | 2420.5250 | ---        | ---     |
|               |         | 2437                      | 17.019    | 2428.4981 | 2445.5171 | ---        | ---     |
|               |         | 2462                      | 17.012    | 2453.4840 | 2470.4960 | ---        | ---     |
| 11N20SIS<br>O | Ant1    | 2412                      | 17.786    | 2403.1056 | 2420.8916 | ---        | ---     |
|               |         | 2437                      | 17.772    | 2428.1162 | 2445.8882 | ---        | ---     |
|               |         | 2462                      | 17.759    | 2453.1174 | 2470.8764 | ---        | ---     |

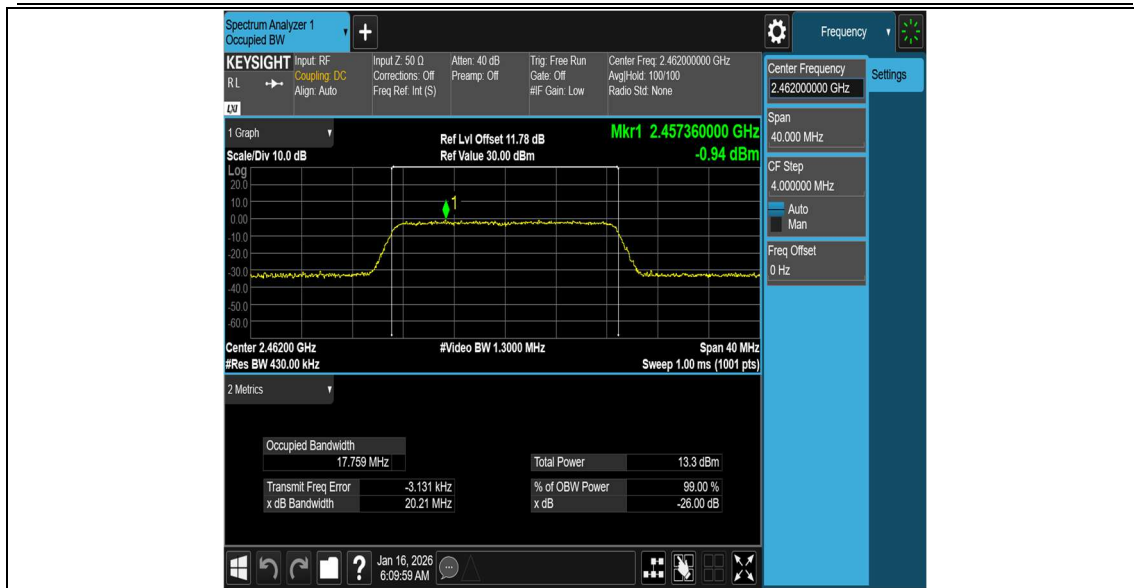
## Test Graphs











## Appendix C: Maximum conducted output power

### Test Result Average

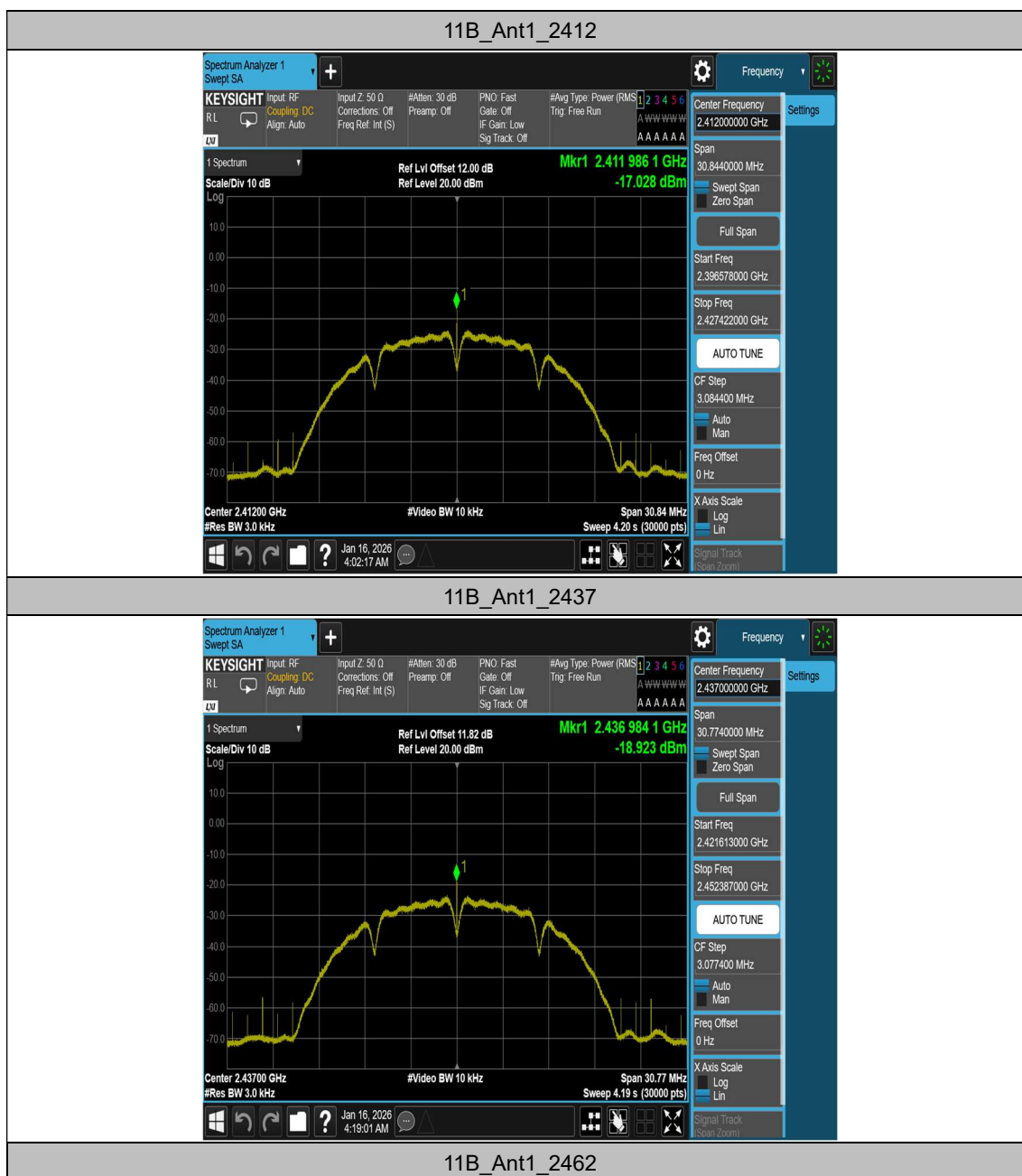
| Test Mode     | Antenna | Frequency [MHz] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-----------------|----------------|-----------------|--------------|-------------|---------|
| 11B           | Ant1    | 2412            | 98.23          | 0.08            | 8.09         | ≤30.00      | PASS    |
|               |         | 2437            | 98.23          | 0.08            | 8.18         | ≤30.00      | PASS    |
|               |         | 2462            | 98.23          | 0.08            | 8.77         | ≤30.00      | PASS    |
| 11G           | Ant1    | 2412            | 100.00         | 0.00            | 5.93         | ≤30.00      | PASS    |
|               |         | 2437            | 100.00         | 0.00            | 6.06         | ≤30.00      | PASS    |
|               |         | 2462            | 100.00         | 0.00            | 6.25         | ≤30.00      | PASS    |
| 11N20SI<br>SO | Ant1    | 2412            | 100.00         | 0.00            | 5.85         | ≤30.00      | PASS    |
|               |         | 2437            | 100.00         | 0.00            | 5.97         | ≤30.00      | PASS    |
|               |         | 2462            | 100.00         | 0.00            | 6.18         | ≤30.00      | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -17.03               | ≤8.00           | PASS    |
|           |         | 2437           | -18.92               | ≤8.00           | PASS    |
|           |         | 2462           | -19.43               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -27.51               | ≤8.00           | PASS    |
|           |         | 2437           | -26.28               | ≤8.00           | PASS    |
|           |         | 2462           | -26.29               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -26.62               | ≤8.00           | PASS    |
|           |         | 2437           | -26.85               | ≤8.00           | PASS    |
|           |         | 2462           | -27.49               | ≤8.00           | PASS    |

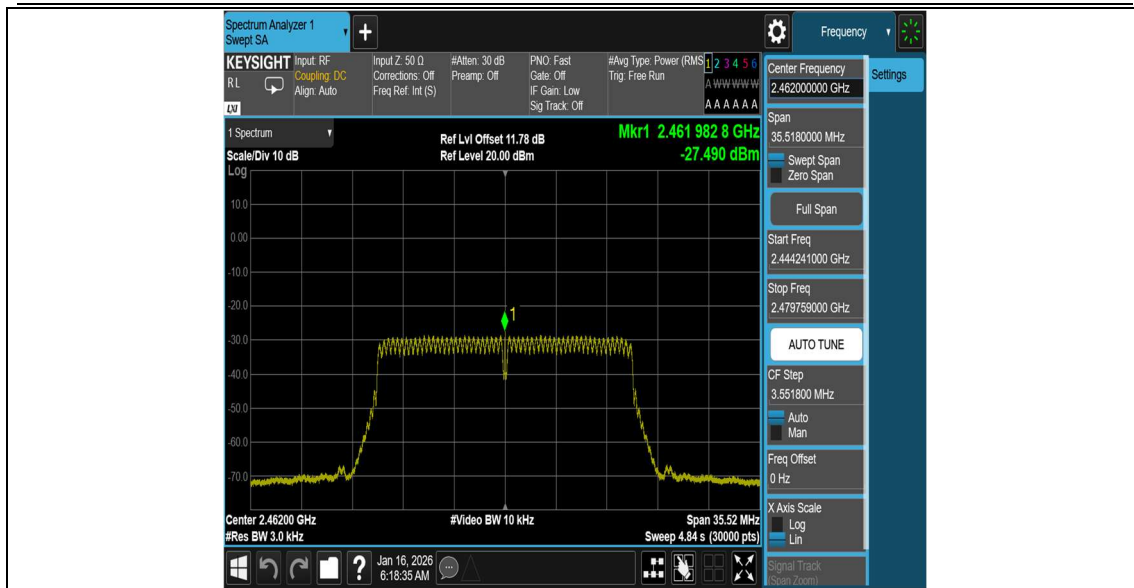
## Test Graphs









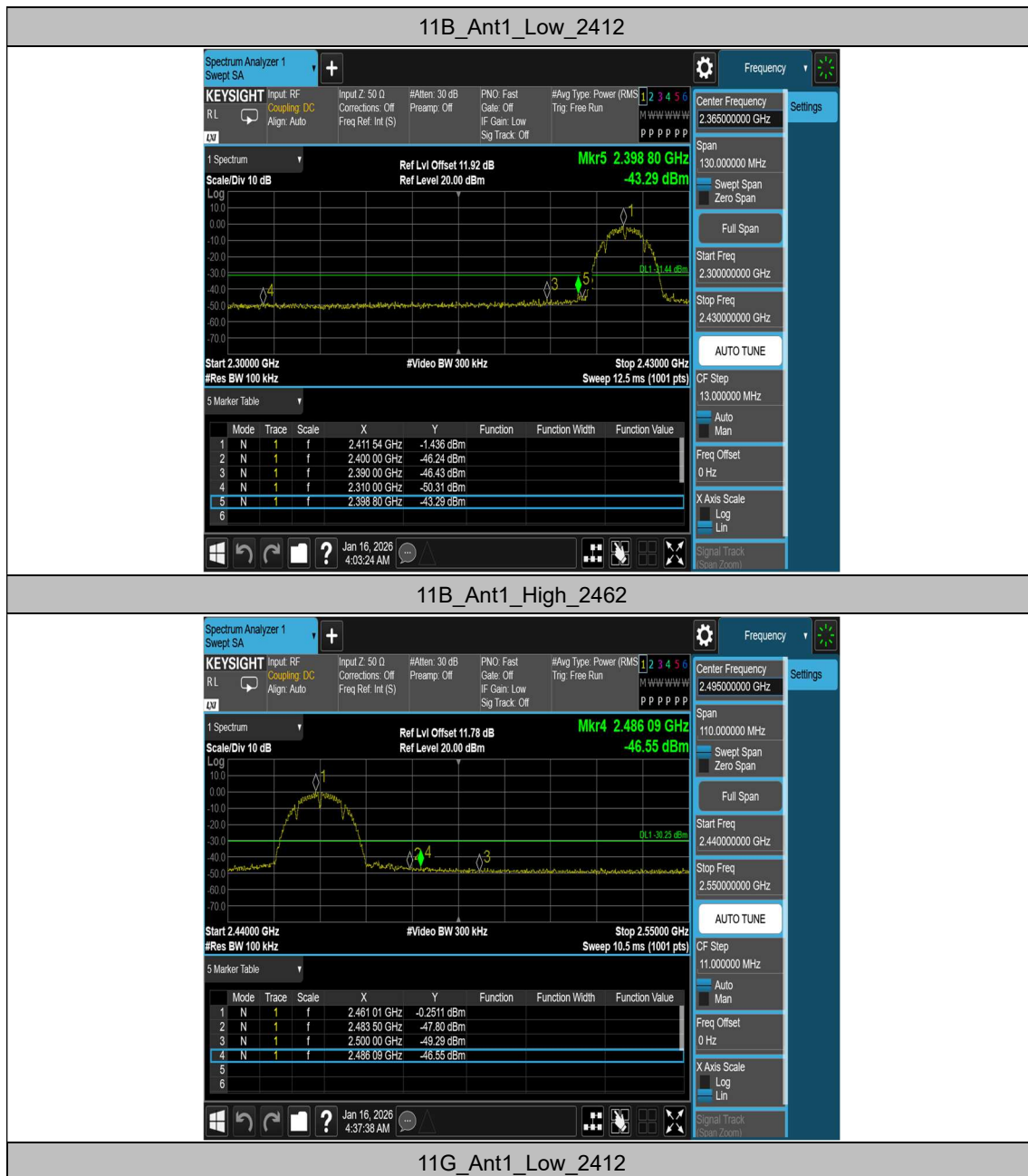


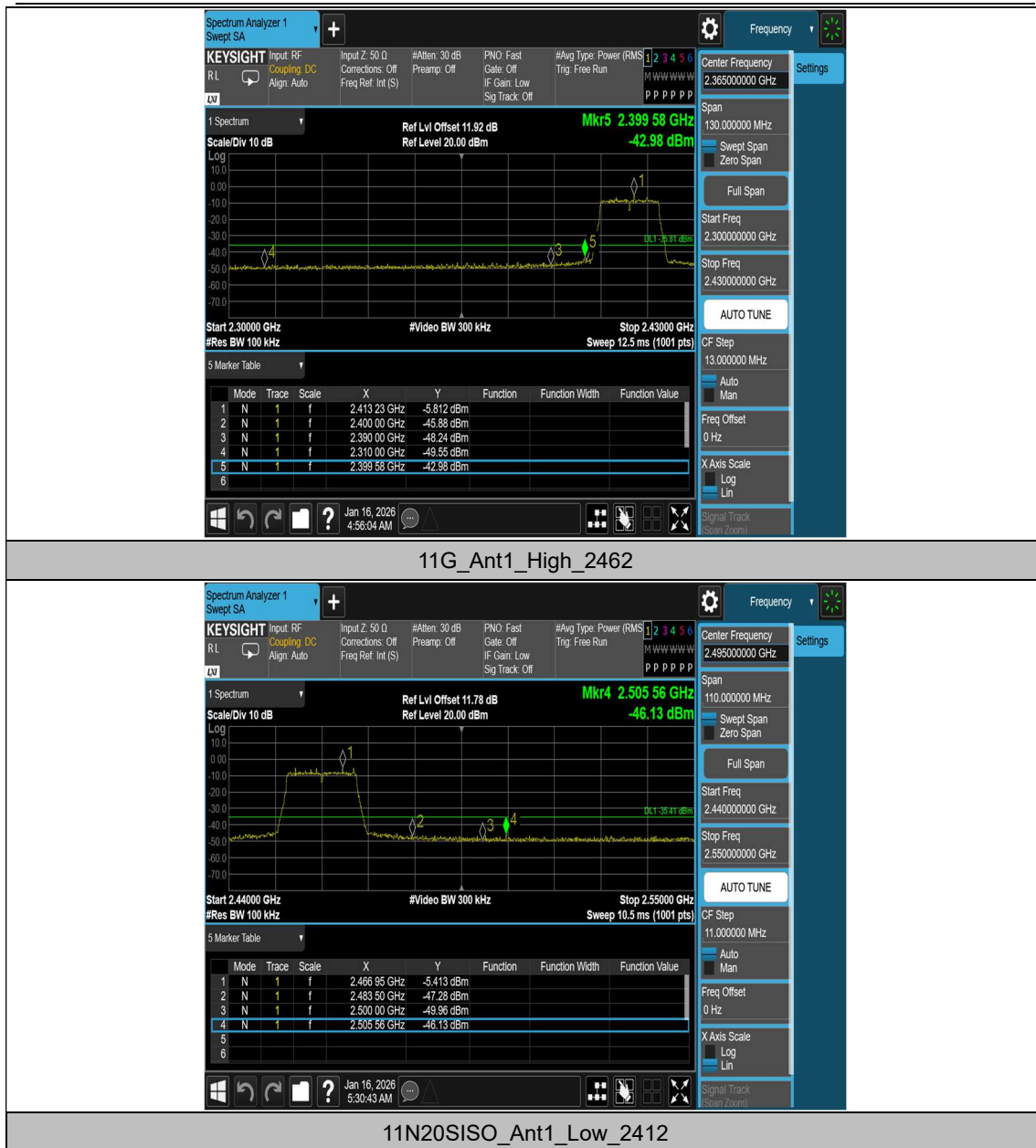
## Appendix E: Band edge measurements

### Test Result

| TestMode      | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|---------------|---------|--------|----------------|---------------|-------------|---------------|---------|
| 11B           | Ant1    | Low    | 2412           | -1.44         | -43.3       | $\leq -31.44$ | PASS    |
|               |         | High   | 2462           | -0.25         | -46.55      | $\leq -30.25$ | PASS    |
| 11G           | Ant1    | Low    | 2412           | -5.81         | -42.98      | $\leq -35.81$ | PASS    |
|               |         | High   | 2462           | -5.41         | -46.13      | $\leq -35.41$ | PASS    |
| 11N20SI<br>SO | Ant1    | Low    | 2412           | -5.77         | -44.26      | $\leq -35.77$ | PASS    |
|               |         | High   | 2462           | -5.16         | -45.73      | $\leq -35.16$ | PASS    |

## Test Graphs







## Appendix F: Conducted Spurious Emission

### Test Result

| TestMode      | Antenna | Frequency [MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|---------------|---------|-----------------|-----------------|----------------|--------------|-------------|---------|
| 11B           | Ant1    | 2412            | Reference       | -1.05          | -1.05        | ---         | PASS    |
|               |         |                 | 30~1000         | -1.05          | -58.27       | ≤-31.05     | PASS    |
|               |         |                 | 1000~26500      | -1.05          | -50.01       | ≤-31.05     | PASS    |
|               |         | 2437            | Reference       | -0.87          | -0.87        | ---         | PASS    |
|               |         |                 | 30~1000         | -0.87          | -58.78       | ≤-30.87     | PASS    |
|               |         |                 | 1000~26500      | -0.87          | -50.22       | ≤-30.87     | PASS    |
|               |         | 2462            | Reference       | -0.70          | -0.70        | ---         | PASS    |
|               |         |                 | 30~1000         | -0.70          | -57.94       | ≤-30.7      | PASS    |
|               |         |                 | 1000~26500      | -0.70          | -50.81       | ≤-30.7      | PASS    |
| 11G           | Ant1    | 2412            | Reference       | -5.13          | -5.13        | ---         | PASS    |
|               |         |                 | 30~1000         | -5.13          | -58.56       | ≤-35.13     | PASS    |
|               |         |                 | 1000~26500      | -5.13          | -49.73       | ≤-35.13     | PASS    |
|               |         | 2437            | Reference       | -4.98          | -4.98        | ---         | PASS    |
|               |         |                 | 30~1000         | -4.98          | -58.68       | ≤-34.98     | PASS    |
|               |         |                 | 1000~26500      | -4.98          | -50.1        | ≤-34.98     | PASS    |
|               |         | 2462            | Reference       | -5.26          | -5.26        | ---         | PASS    |
|               |         |                 | 30~1000         | -5.26          | -58.36       | ≤-35.26     | PASS    |
|               |         |                 | 1000~26500      | -5.26          | -49.35       | ≤-35.26     | PASS    |
| 11N20SI<br>SO | Ant1    | 2412            | Reference       | -5.52          | -5.52        | ---         | PASS    |
|               |         |                 | 30~1000         | -5.52          | -58.48       | ≤-35.52     | PASS    |
|               |         |                 | 1000~26500      | -5.52          | -49.68       | ≤-35.52     | PASS    |
|               |         | 2437            | Reference       | -4.95          | -4.95        | ---         | PASS    |
|               |         |                 | 30~1000         | -4.95          | -57.94       | ≤-34.95     | PASS    |
|               |         |                 | 1000~26500      | -4.95          | -50.5        | ≤-34.95     | PASS    |
|               |         | 2462            | Reference       | -5.14          | -5.14        | ---         | PASS    |
|               |         |                 | 30~1000         | -5.14          | -58.56       | ≤-35.14     | PASS    |
|               |         |                 | 1000~26500      | -5.14          | -49.57       | ≤-35.14     | PASS    |

## Test Graphs

