

Appendix Test Data

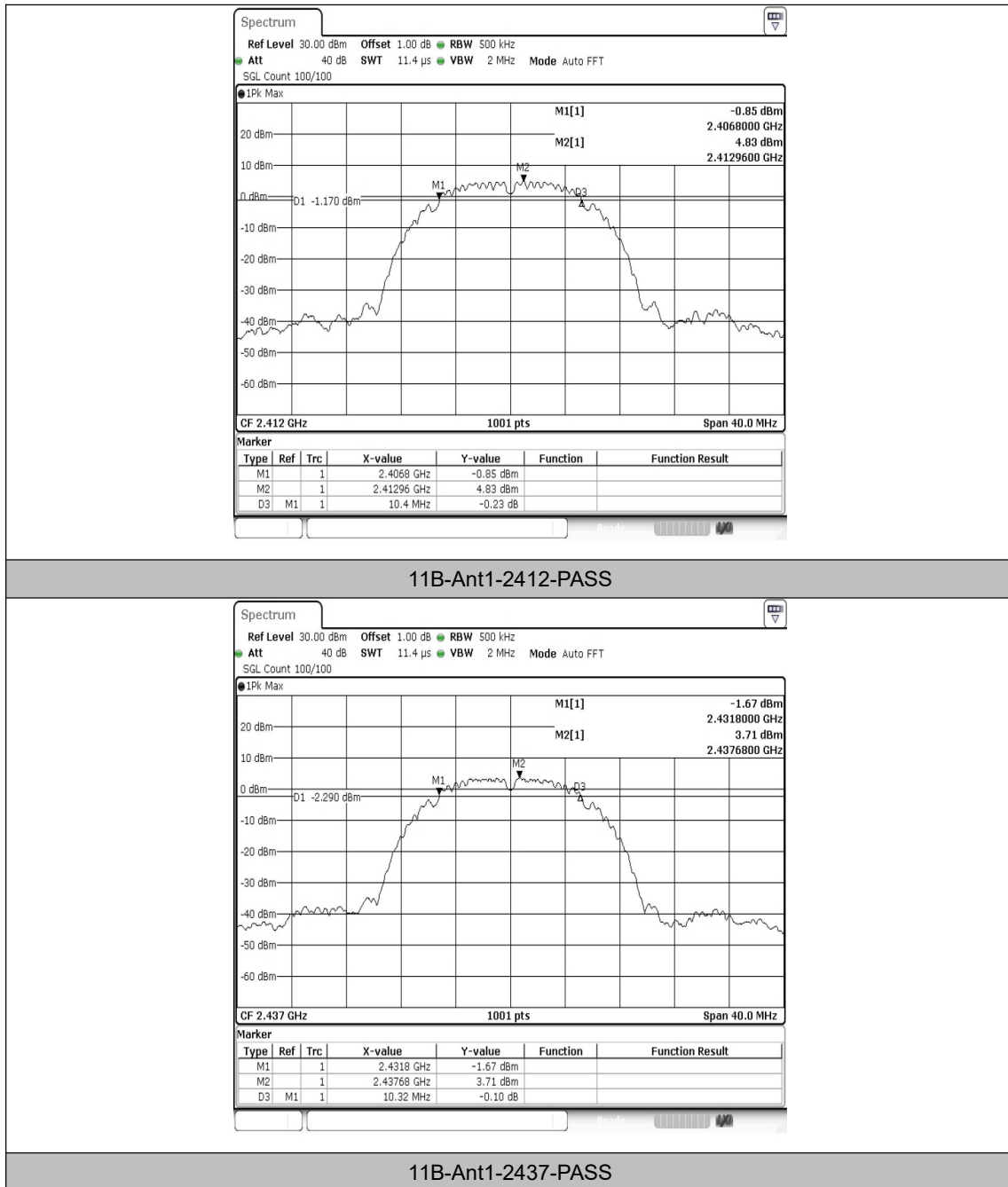
|                  |                  |                    |             |
|------------------|------------------|--------------------|-------------|
| Report No.:      | 1813C50260512501 | Test Sample No.:   | 1-2-2       |
| Start Test Date: | 2025-6-13        | Finish Test Date:  | 2025-6-24   |
| Test Engineer:   | Hu Sen Guan      | Auditor:           | Justin Feng |
| Temperature:     | 26.4℃            | Relative Humidity: | 54%         |
| Pressure:        | 101kPa           |                    |             |

Appendix A: 6dB Bandwidth

Test Result

| Test Mode | Antenna | Frequency[MHz] | 6dB BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|---------|---------|------------|---------|
| 11B       | Ant1    | 2412           | 10.40        | 2406.80 | 2417.20 | 0.5        | PASS    |
| 11B       | Ant1    | 2437           | 10.32        | 2431.80 | 2442.12 | 0.5        | PASS    |
| 11B       | Ant1    | 2462           | 10.40        | 2456.76 | 2467.16 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 14.48        | 2404.12 | 2418.60 | 0.5        | PASS    |
| 11G       | Ant1    | 2437           | 13.96        | 2429.52 | 2443.48 | 0.5        | PASS    |
| 11G       | Ant1    | 2462           | 15.52        | 2454.32 | 2469.84 | 0.5        | PASS    |

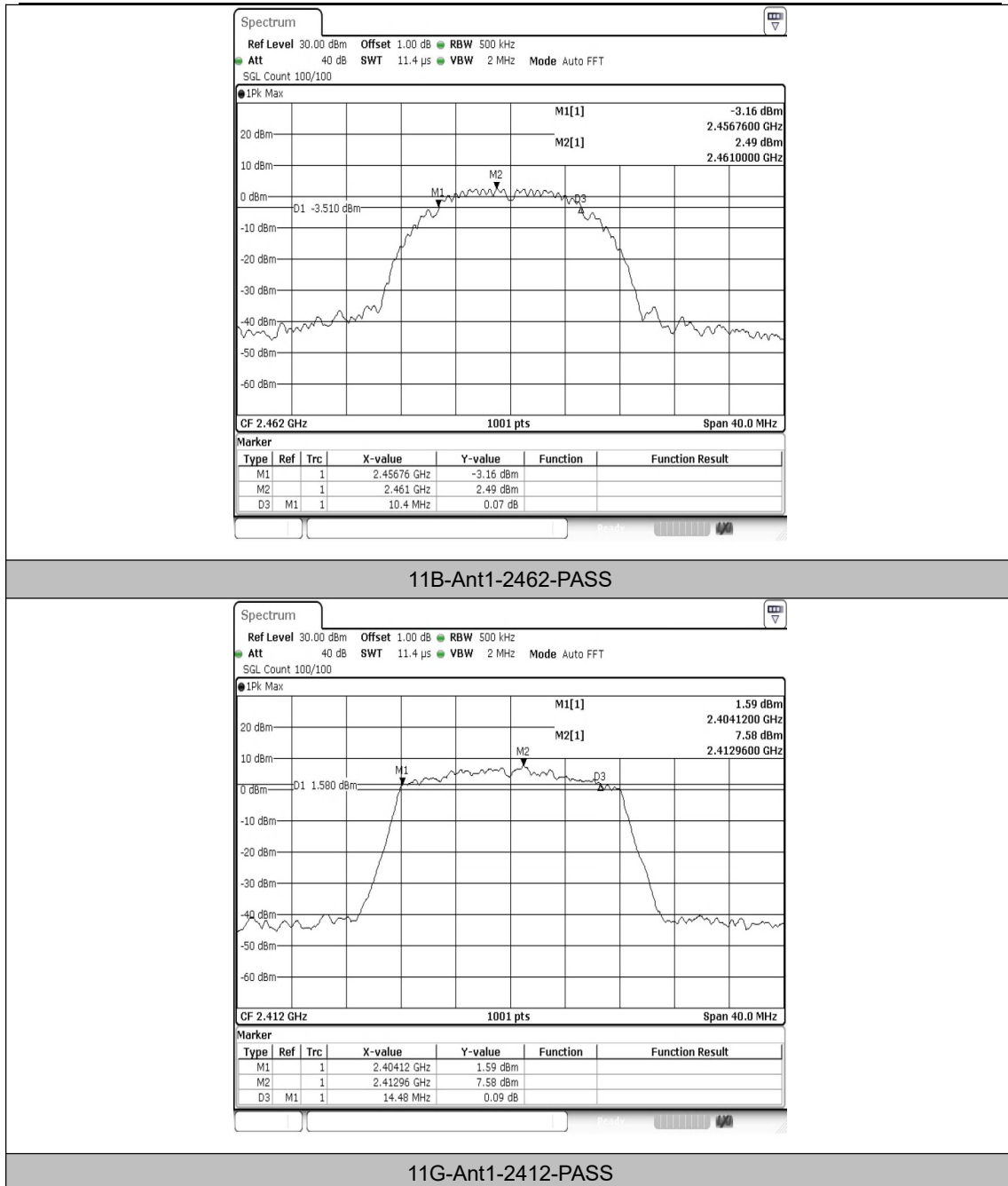
## Test Graphs



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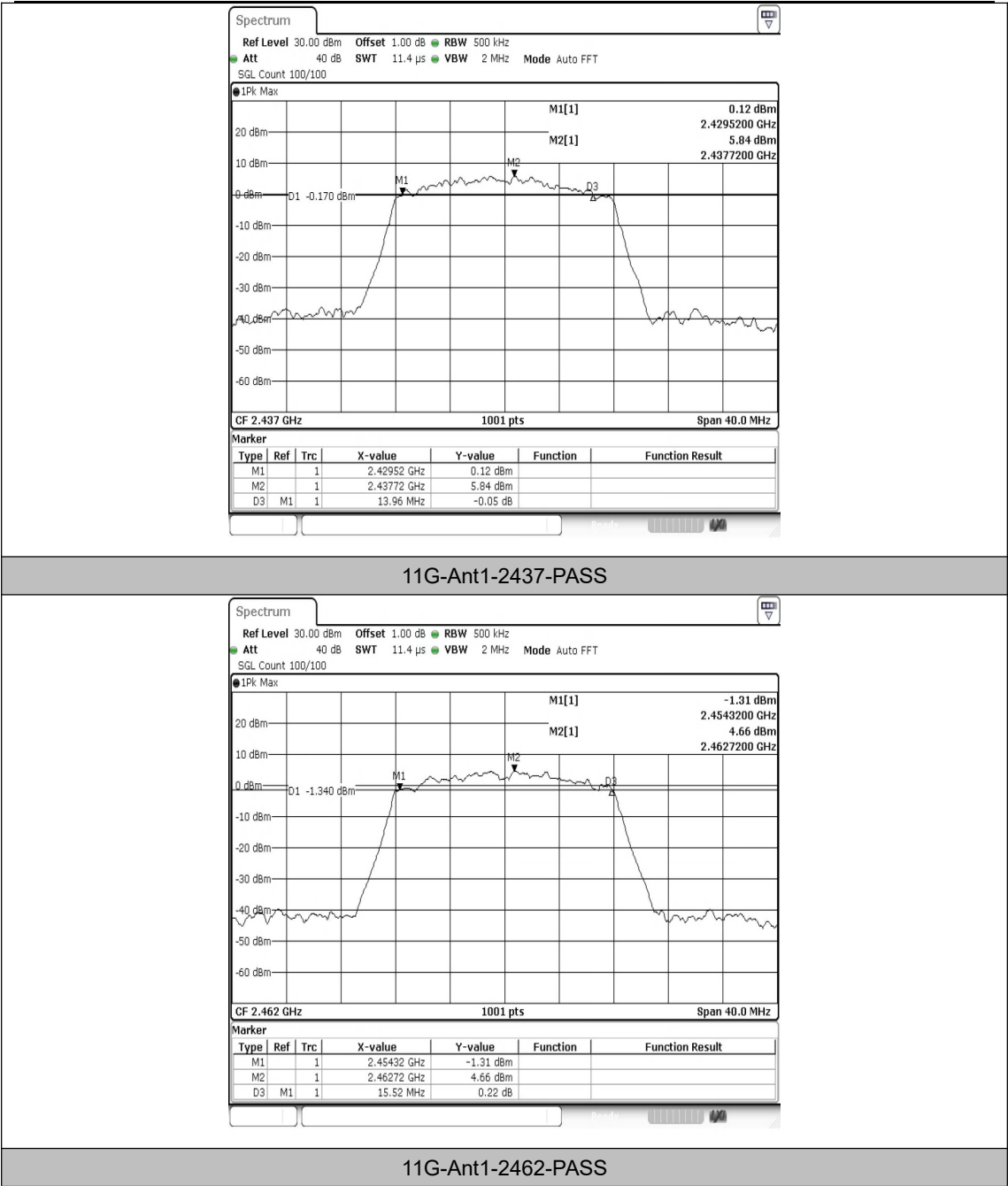
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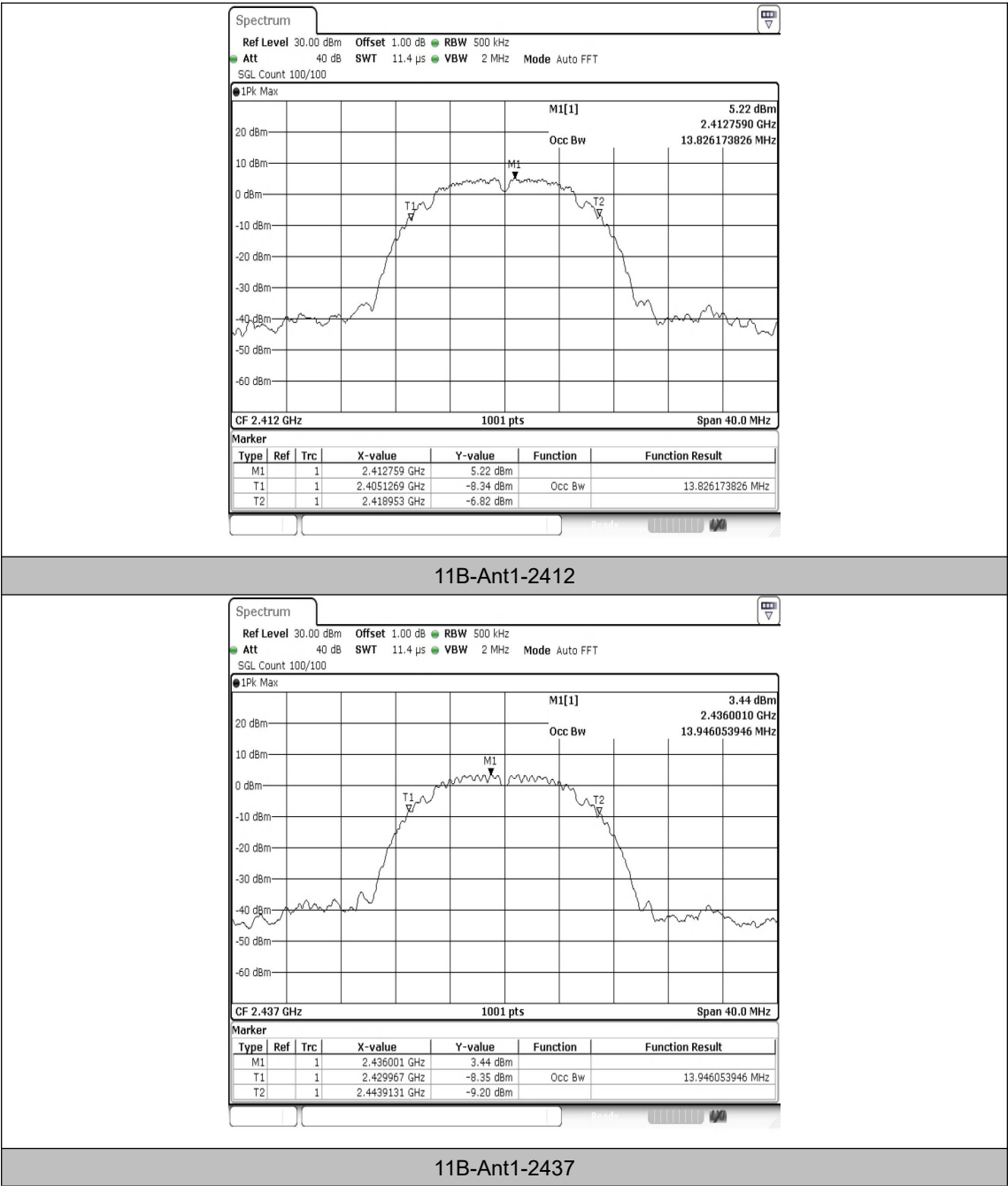
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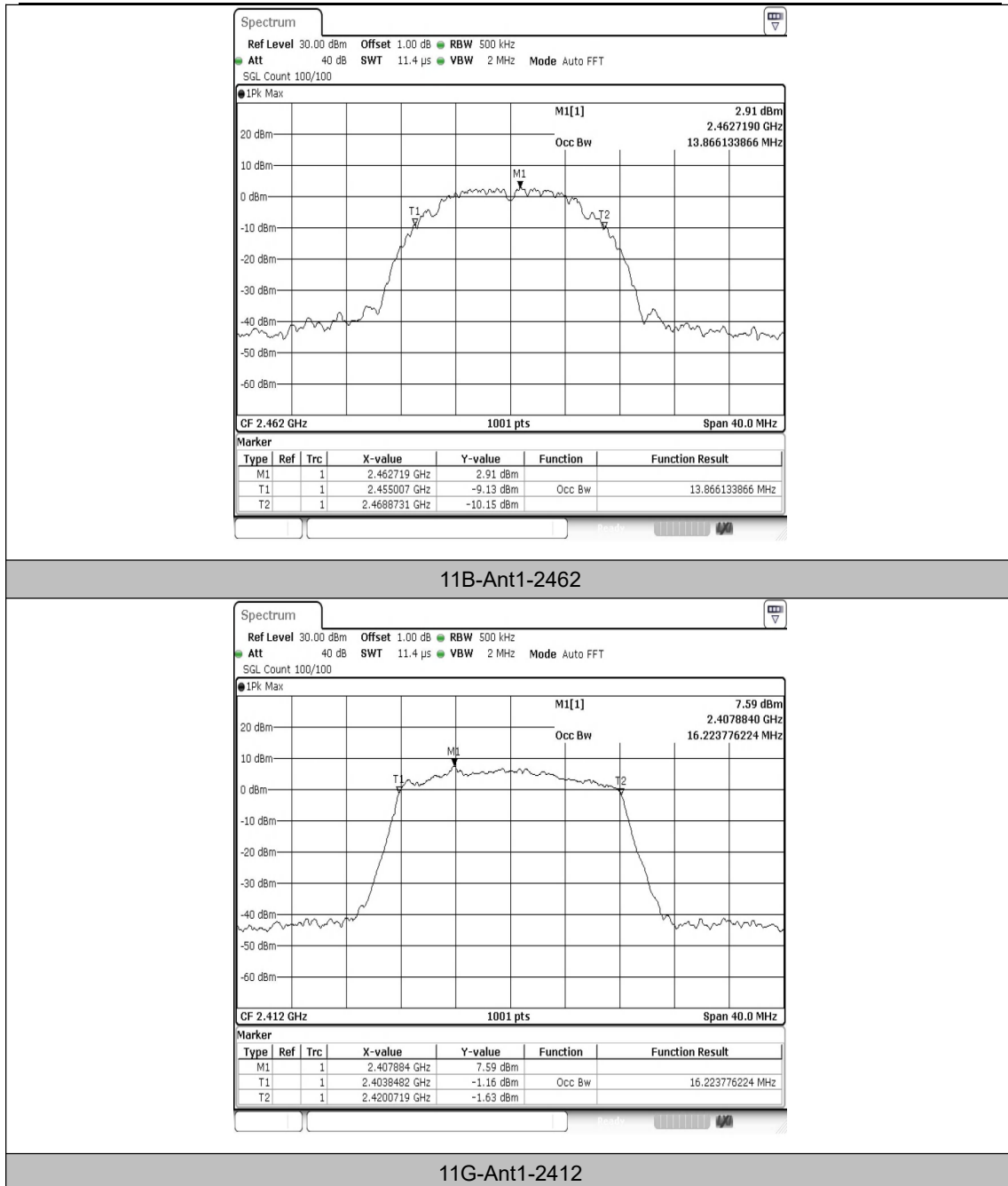
## Appendix B: 99% Occupied Bandwidth

### Test Result

| Test Mode | Antenna | Channel Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|------------------------|-----------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                   | 13.826    | 2405.1269 | 2418.9530 | ---        | ---     |
| 11B       | Ant1    | 2437                   | 13.946    | 2429.9670 | 2443.9131 | ---        | ---     |
| 11B       | Ant1    | 2462                   | 13.866    | 2455.0070 | 2468.8731 | ---        | ---     |
| 11G       | Ant1    | 2412                   | 16.224    | 2403.8482 | 2420.0719 | ---        | ---     |
| 11G       | Ant1    | 2437                   | 16.264    | 2428.8482 | 2445.1119 | ---        | ---     |
| 11G       | Ant1    | 2462                   | 16.344    | 2453.8482 | 2470.1918 | ---        | ---     |

Test Graphs

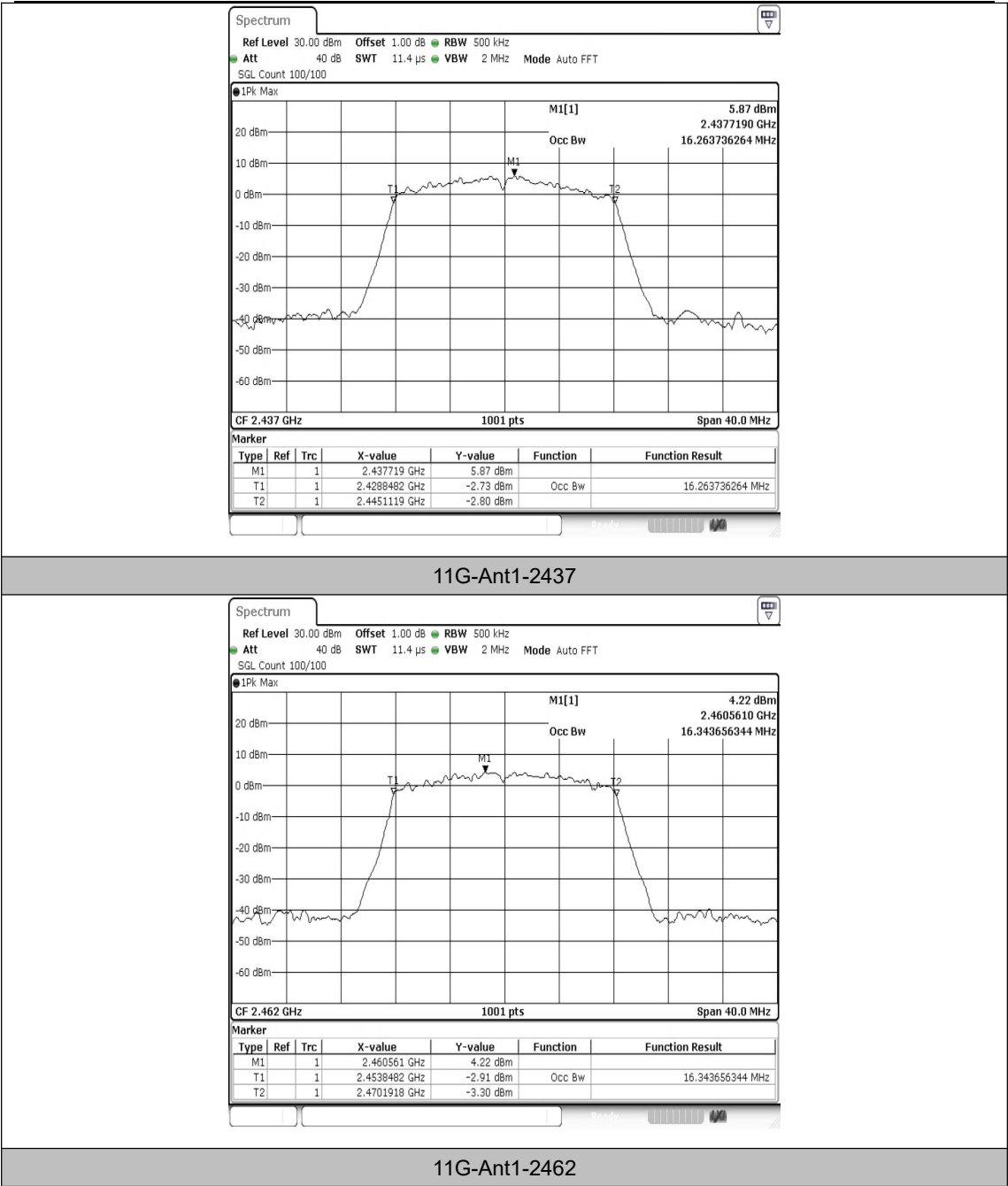




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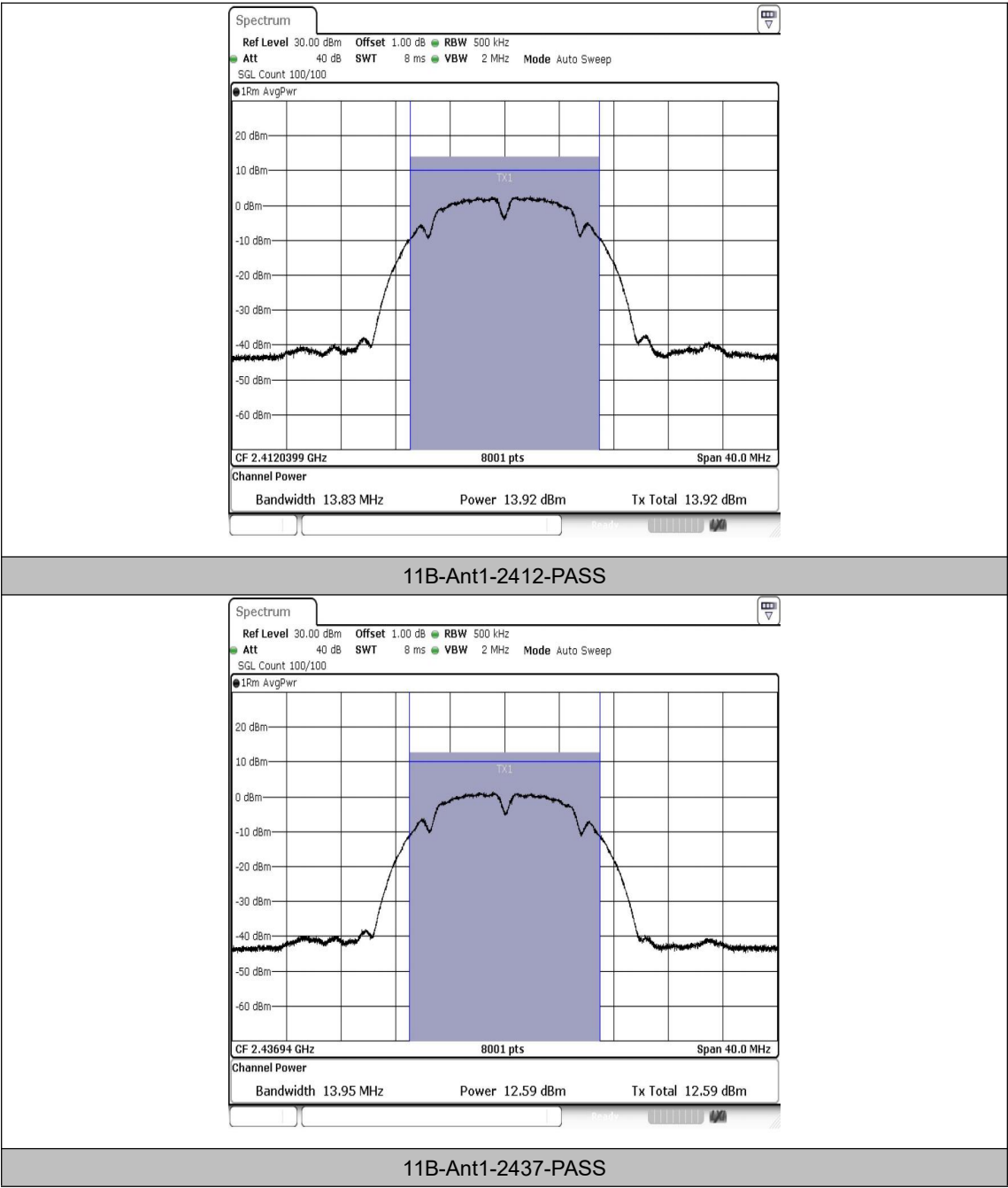
## Appendix C: Maximum conducted output power

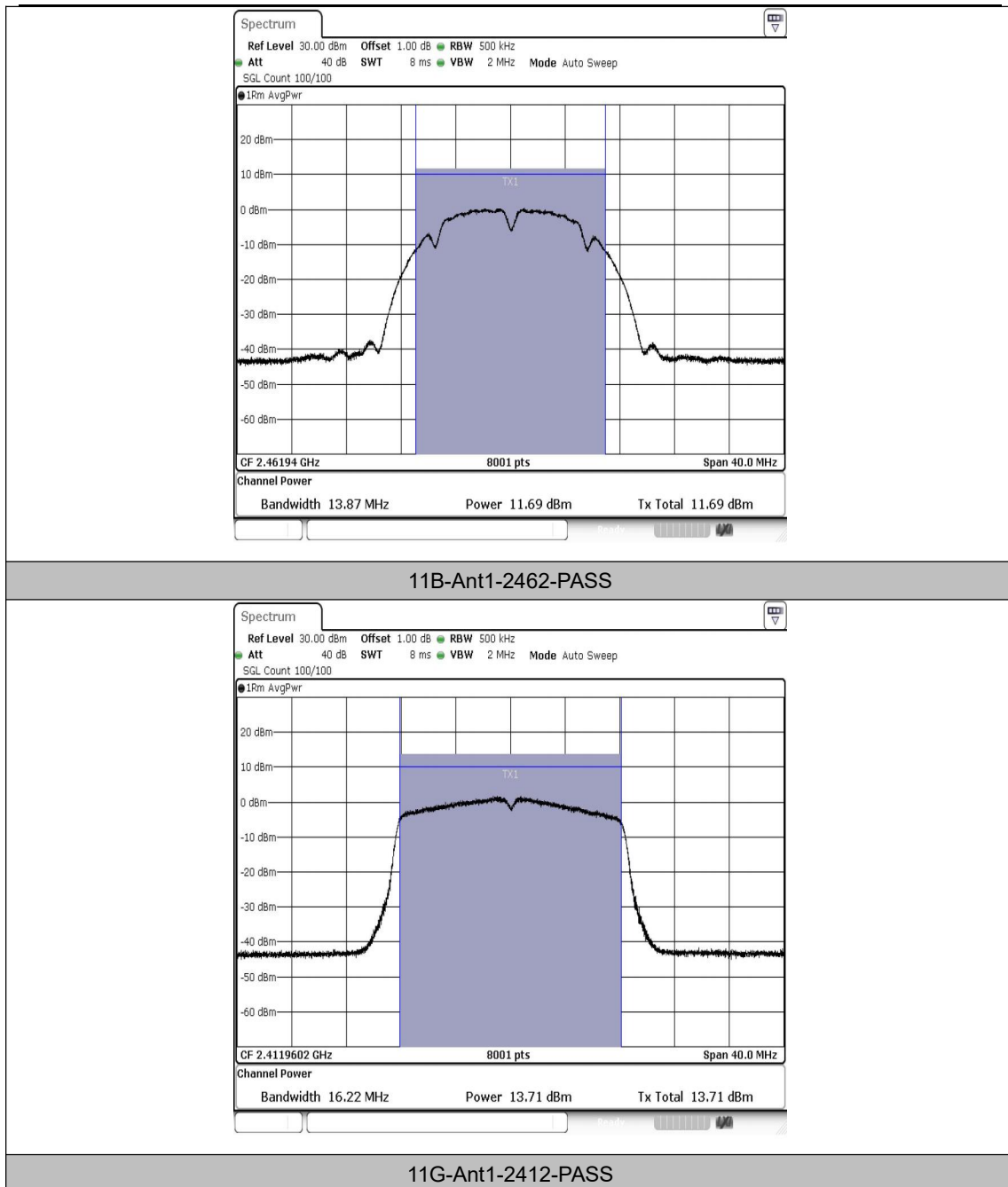
### Test Result Average

| Test Mode | Antenna | Frequency [MHz] | Set Power | Average power [dBm] | Duty Cycle [%] | DC Factor [dB] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-----------|---------------------|----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412            | NA        | 13.92               | 100.00         | 0.00           | 13.92        | ≤30.00      | PASS    |
| 11B       | Ant1    | 2437            | NA        | 12.59               | 100.00         | 0.00           | 12.59        | ≤30.00      | PASS    |
| 11B       | Ant1    | 2462            | NA        | 11.69               | 100.00         | 0.00           | 11.69        | ≤30.00      | PASS    |
| 11G       | Ant1    | 2412            | NA        | 13.71               | 100.00         | 0.00           | 13.71        | ≤30.00      | PASS    |
| 11G       | Ant1    | 2437            | NA        | 12.26               | 100.00         | 0.00           | 12.26        | ≤30.00      | PASS    |
| 11G       | Ant1    | 2462            | NA        | 11.60               | 100.00         | 0.00           | 11.60        | ≤30.00      | PASS    |

Note: 1. The cable loss are compensated in the graph

Test Graphs Average

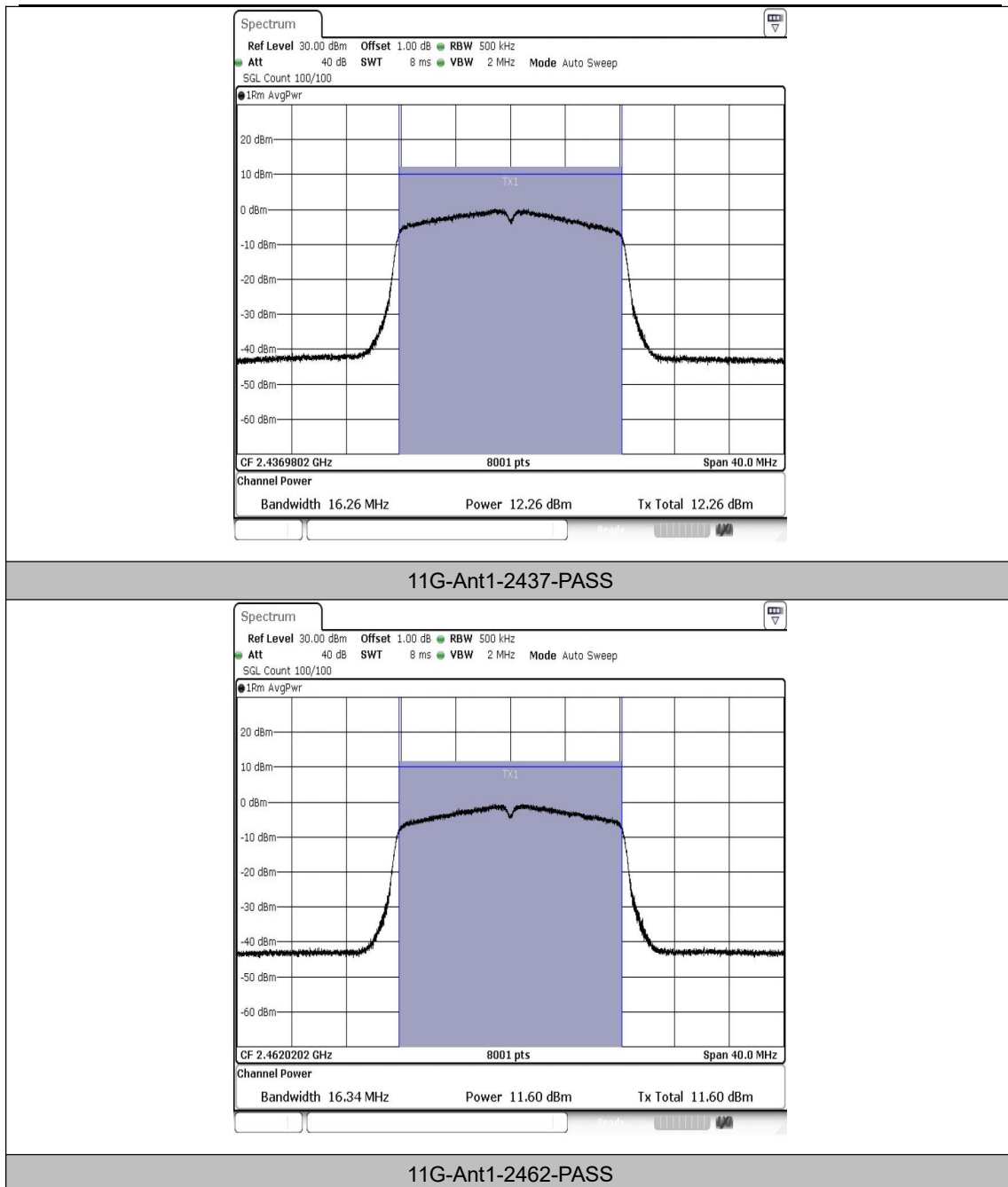




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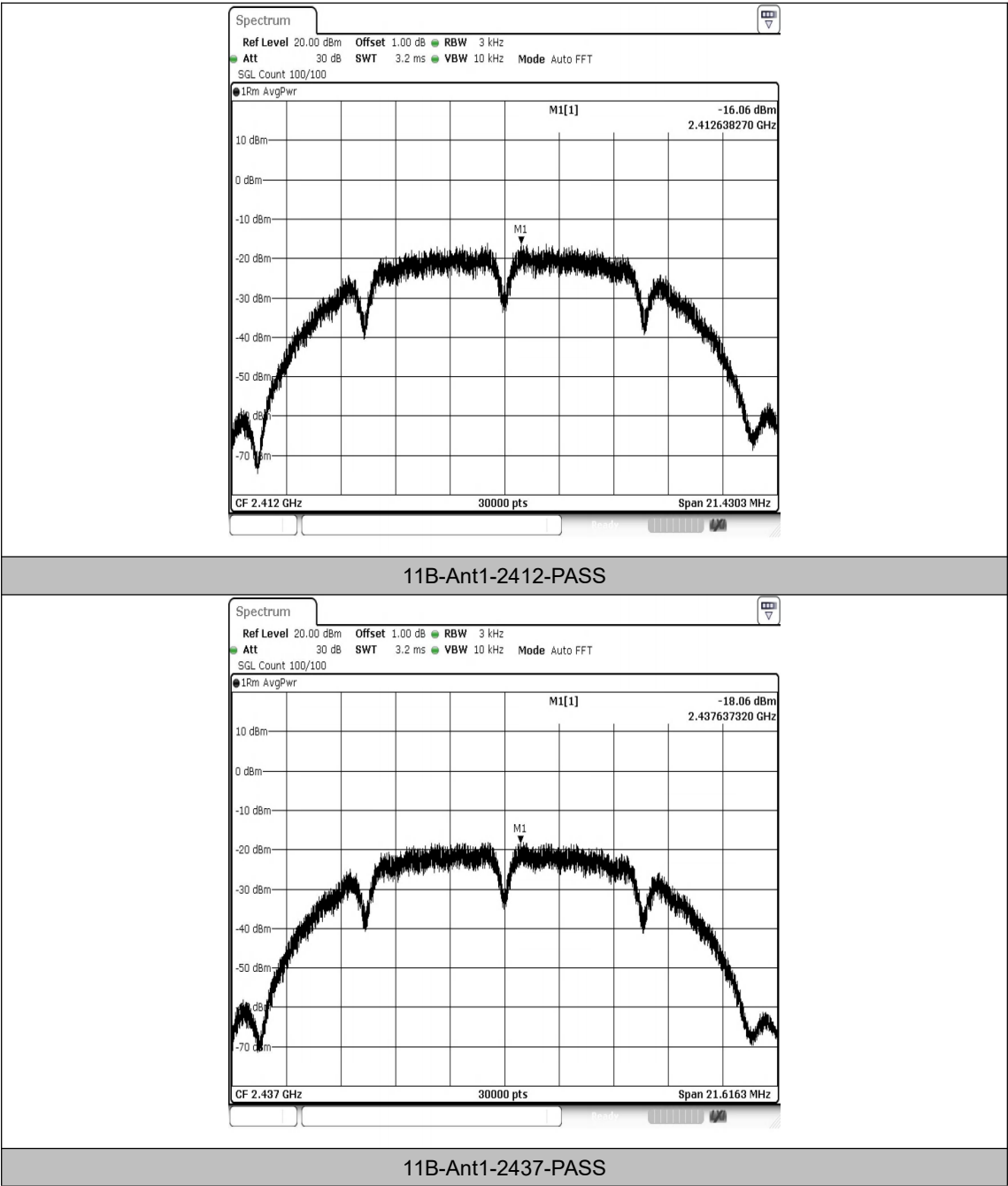
## Appendix D: Maximum power spectral density

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Reading Result [dBm/3kHz] | DC Factor [dB] | Result [dBm/3kHz] | Limit [dBm/3kHz] | Verdict |
|-----------|---------|-----------------|---------------------------|----------------|-------------------|------------------|---------|
| 11B       | Ant1    | 2412            | -16.06                    | 0.00           | -16.06            | ≤8.00            | PASS    |
| 11B       | Ant1    | 2437            | -18.06                    | 0.00           | -18.06            | ≤8.00            | PASS    |
| 11B       | Ant1    | 2462            | -18.79                    | 0.00           | -18.79            | ≤8.00            | PASS    |
| 11G       | Ant1    | 2412            | -14.57                    | 0.00           | -14.57            | ≤8.00            | PASS    |
| 11G       | Ant1    | 2437            | -16.11                    | 0.00           | -16.11            | ≤8.00            | PASS    |
| 11G       | Ant1    | 2462            | -17.06                    | 0.00           | -17.06            | ≤8.00            | PASS    |

Note: 1. The cable loss are compensated in the graph.

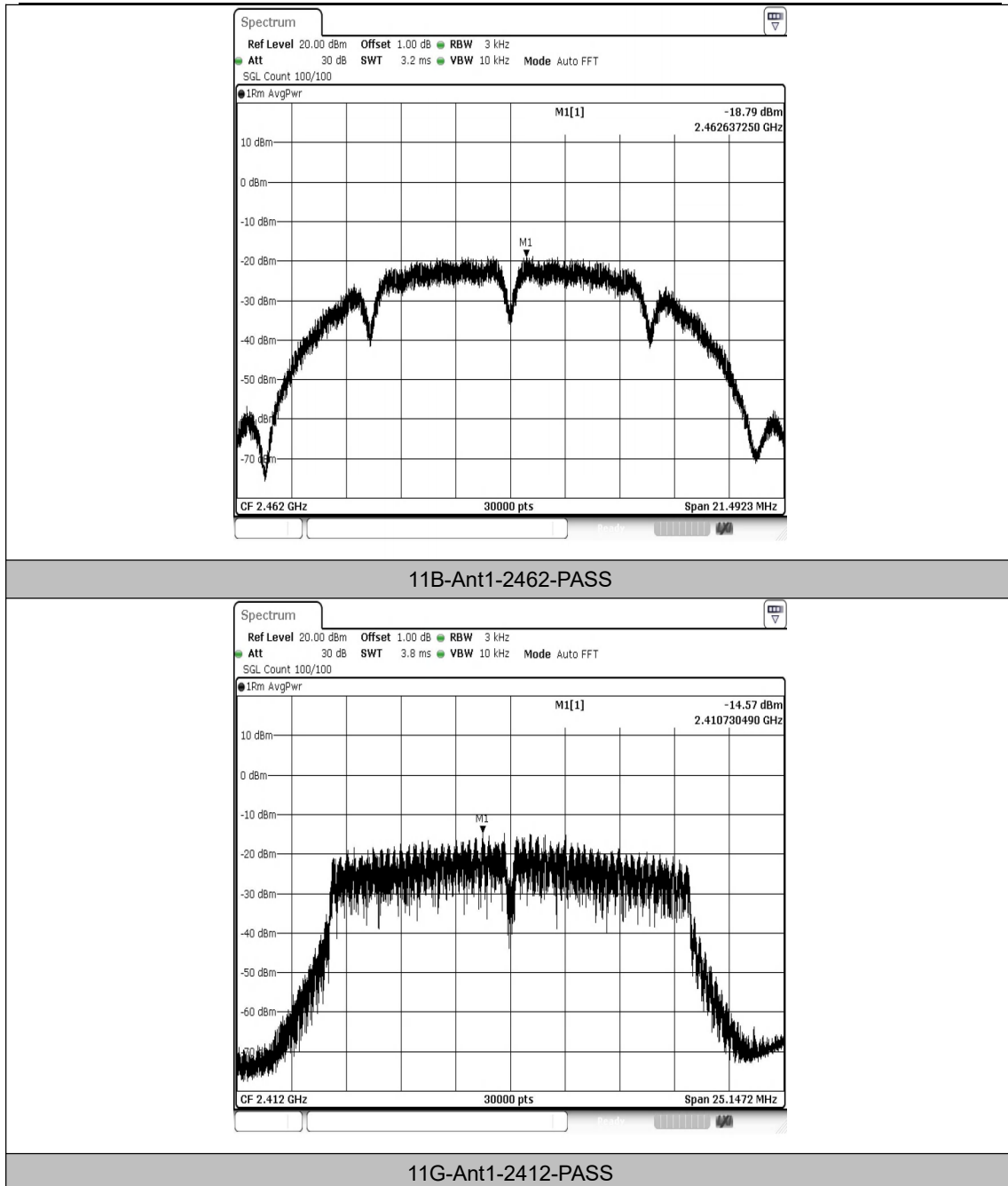
Test Graphs



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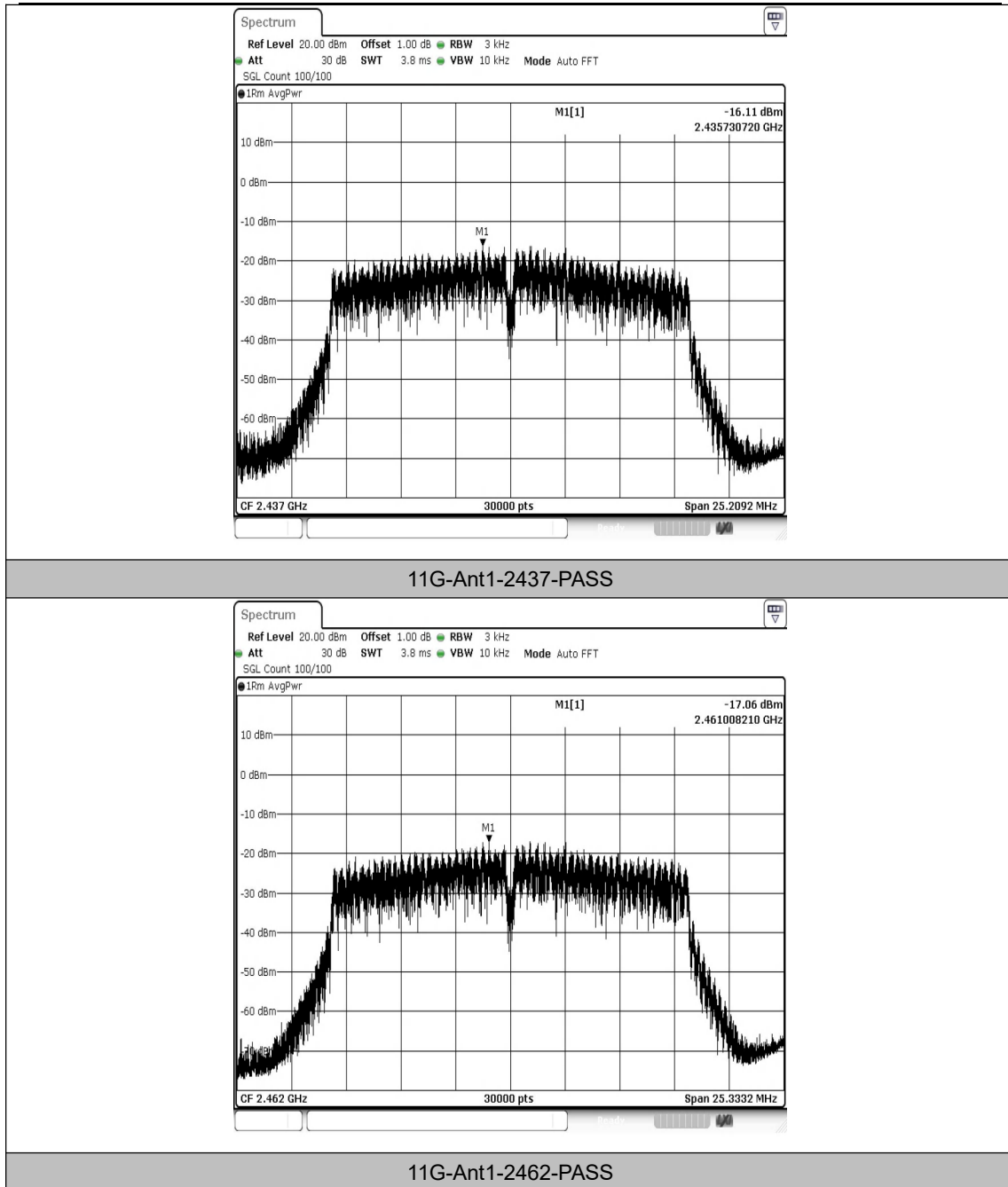
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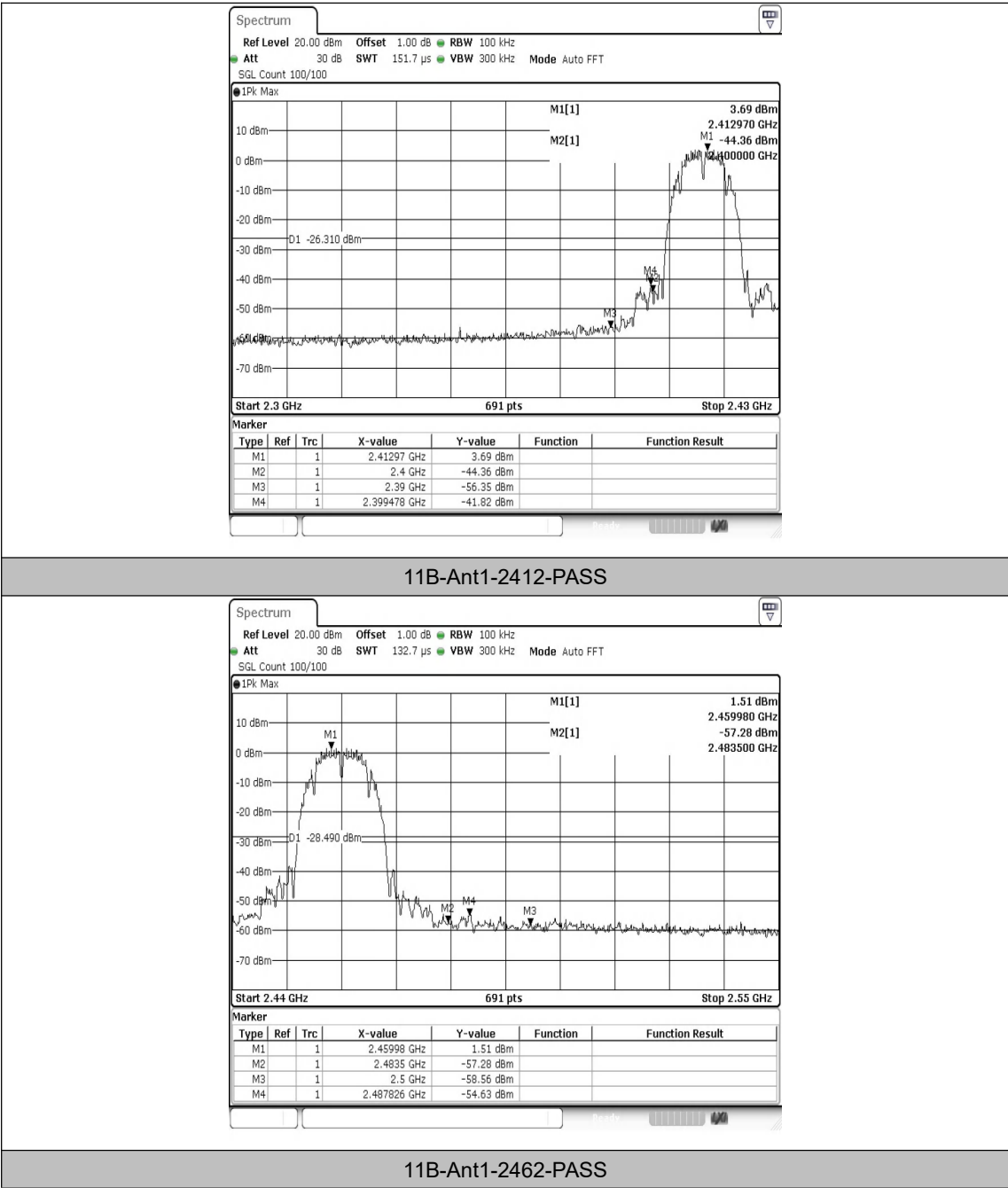
## Appendix E: Conducted Band edge

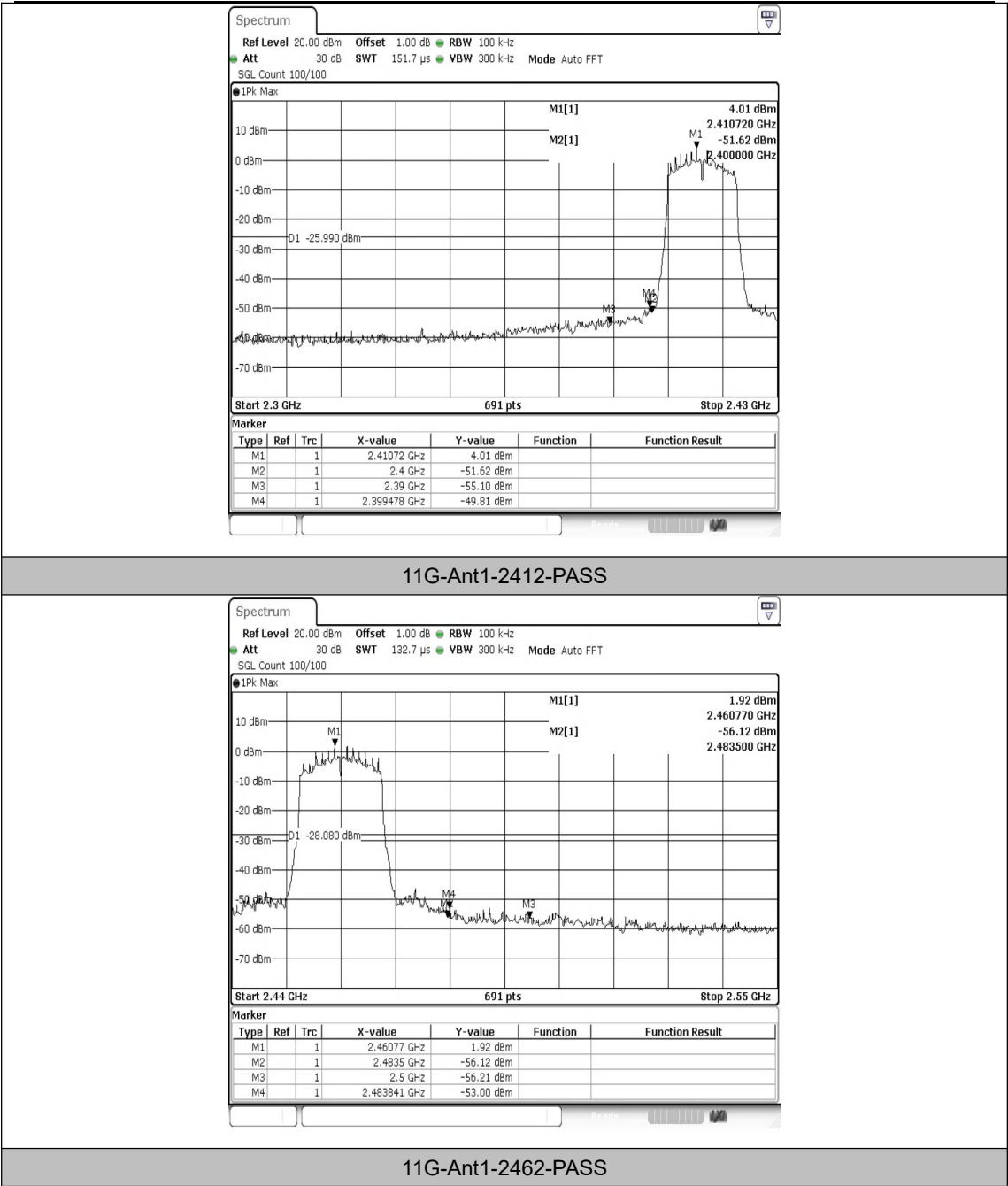
### Test Result

| Test Mode | Antenna | Ch. Name | Frequency [MHz] | Ref. Level [dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|----------|-----------------|------------------|-------------|------------|---------|
| 11B       | Ant1    | Low      | 2412            | 3.69             | -41.82      | ≤-26.31    | PASS    |
| 11B       | Ant1    | High     | 2462            | 1.51             | -54.63      | ≤-28.49    | PASS    |
| 11G       | Ant1    | Low      | 2412            | 4.01             | -49.81      | ≤-25.99    | PASS    |
| 11G       | Ant1    | High     | 2462            | 1.92             | -53         | ≤-28.08    | PASS    |

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs





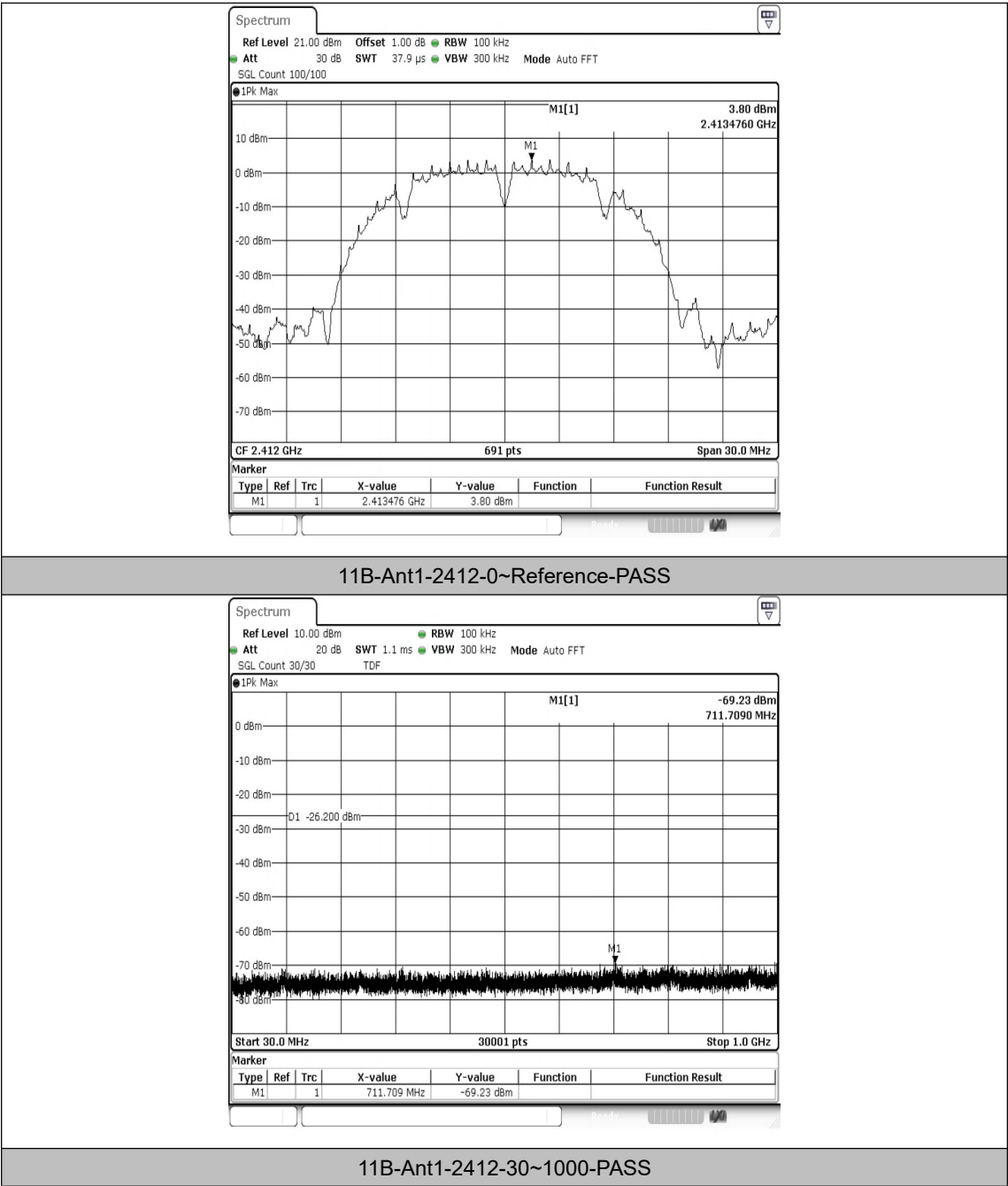
## Appendix F: Conducted Spurious Emission

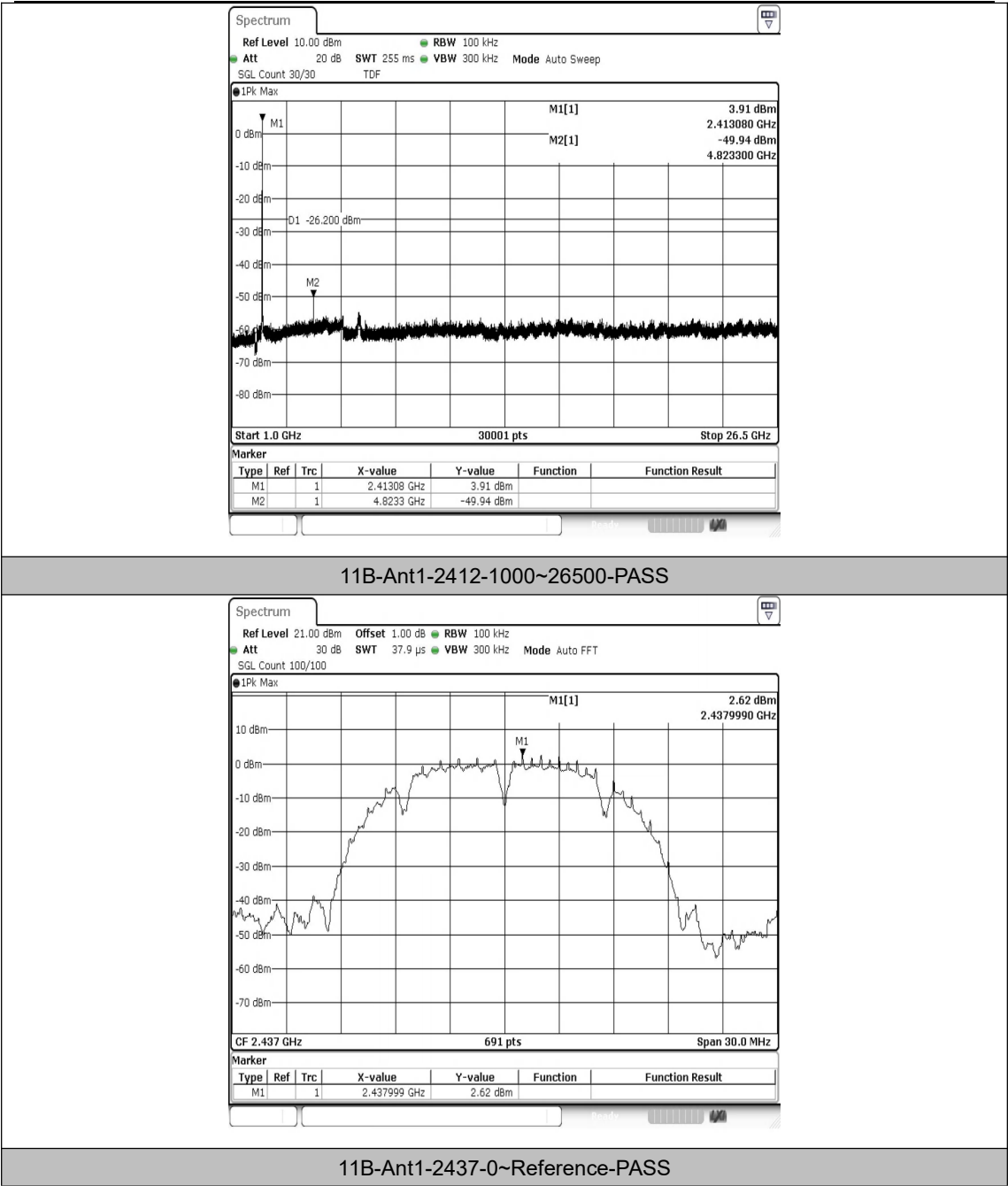
### Test Result

| Test Mode | Antenna | Frequency [MHz] | Freq. Range [Mhz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|-----------------|-------------------|------------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412            | 0~Reference       | 3.80             | 3.80         | ---         | PASS    |
| 11B       | Ant1    | 2412            | 30~1000           | 3.80             | -69.23       | ≤-26.2      | PASS    |
| 11B       | Ant1    | 2412            | 1000~26500        | 3.80             | -49.94       | ≤-26.2      | PASS    |
| 11B       | Ant1    | 2437            | 0~Reference       | 2.62             | 2.62         | ---         | PASS    |
| 11B       | Ant1    | 2437            | 30~1000           | 2.62             | -67.37       | ≤-27.38     | PASS    |
| 11B       | Ant1    | 2437            | 1000~26500        | 2.62             | -53.5        | ≤-27.38     | PASS    |
| 11B       | Ant1    | 2462            | 0~Reference       | 1.60             | 1.60         | ---         | PASS    |
| 11B       | Ant1    | 2462            | 30~1000           | 1.60             | -67.85       | ≤-28.4      | PASS    |
| 11B       | Ant1    | 2462            | 1000~26500        | 1.60             | -54.21       | ≤-28.4      | PASS    |
| 11G       | Ant1    | 2412            | 0~Reference       | 4.00             | 4.00         | ---         | PASS    |
| 11G       | Ant1    | 2412            | 30~1000           | 4.00             | -61.55       | ≤-26        | PASS    |
| 11G       | Ant1    | 2412            | 1000~26500        | 4.00             | -54.92       | ≤-26        | PASS    |
| 11G       | Ant1    | 2437            | 0~Reference       | 2.15             | 2.15         | ---         | PASS    |
| 11G       | Ant1    | 2437            | 30~1000           | 2.15             | -68.45       | ≤-27.85     | PASS    |
| 11G       | Ant1    | 2437            | 1000~26500        | 2.15             | -54.55       | ≤-27.85     | PASS    |
| 11G       | Ant1    | 2462            | 0~Reference       | 1.94             | 1.94         | ---         | PASS    |
| 11G       | Ant1    | 2462            | 30~1000           | 1.94             | -68.24       | ≤-28.06     | PASS    |
| 11G       | Ant1    | 2462            | 1000~26500        | 1.94             | -54.85       | ≤-28.06     | PASS    |

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'TDF' of the Spectrum Analyzer during the test.

Test Graphs

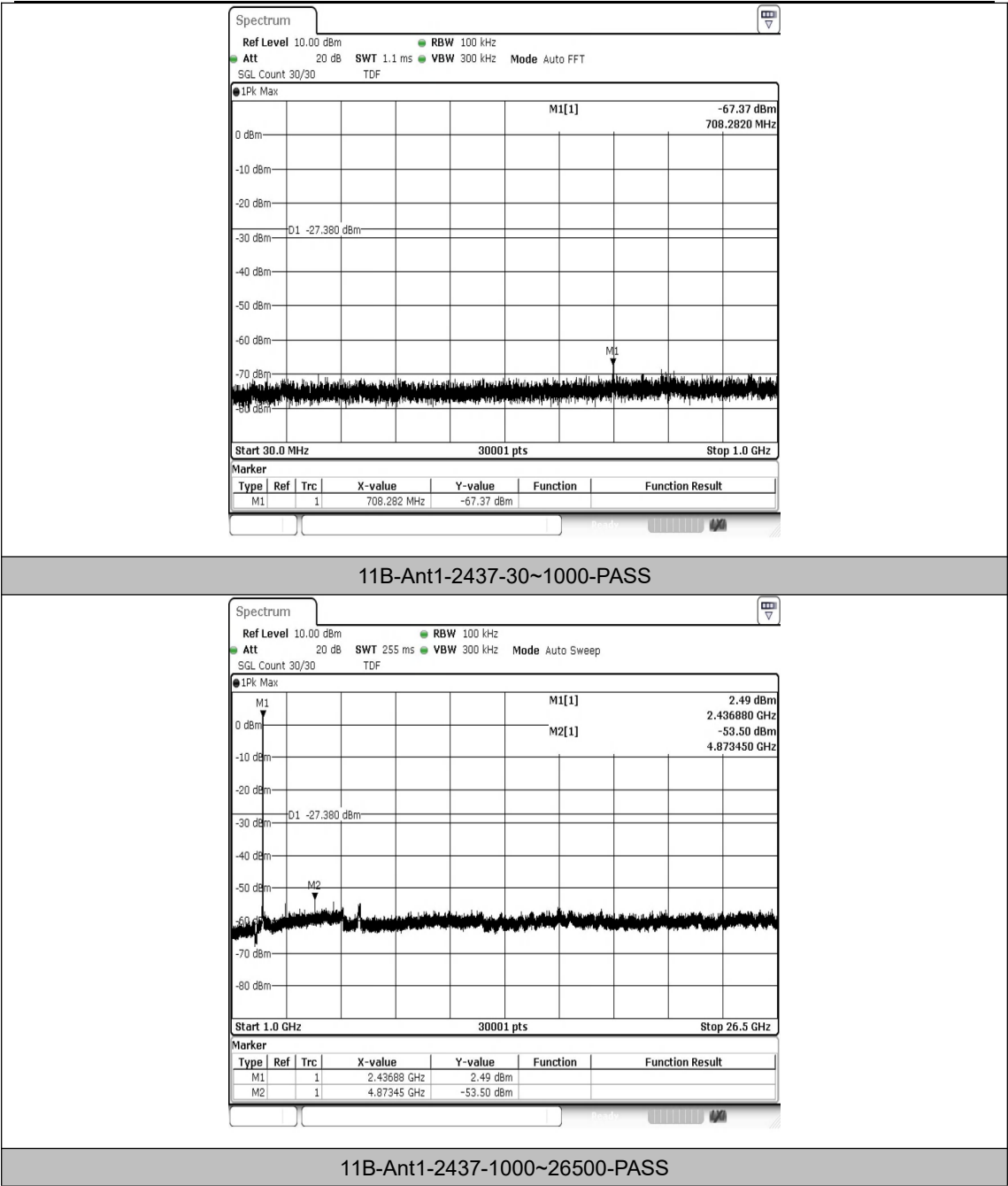




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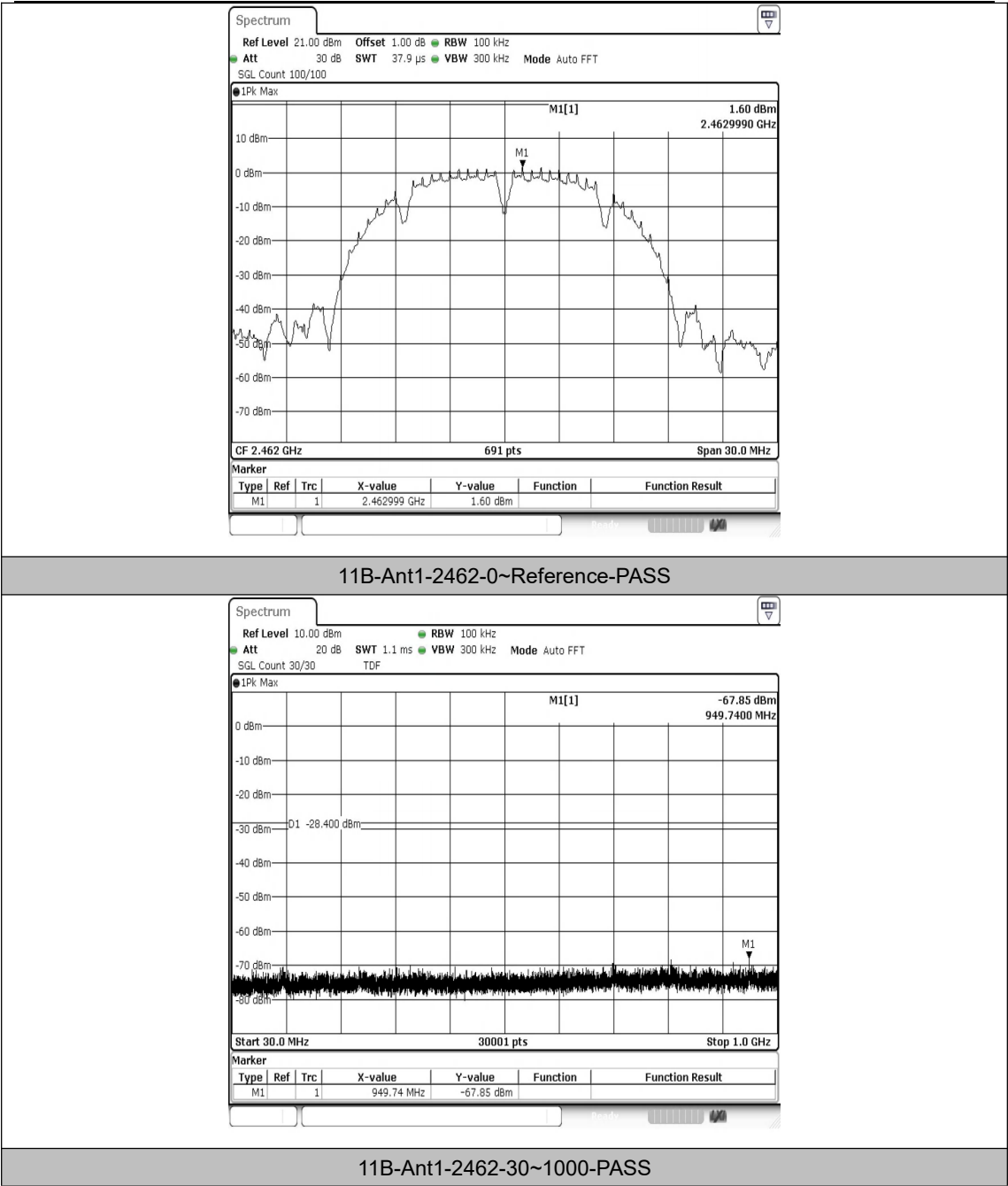
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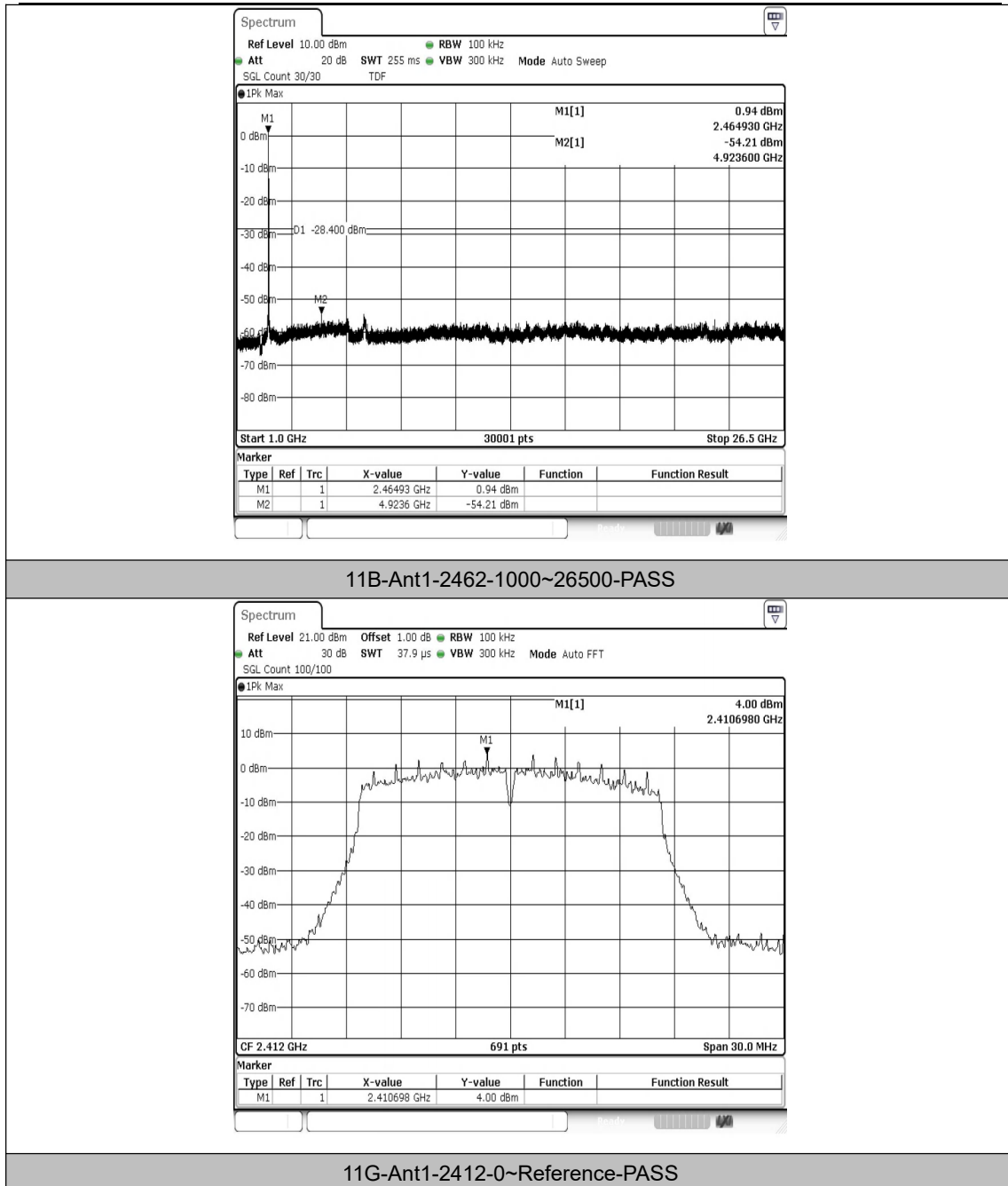
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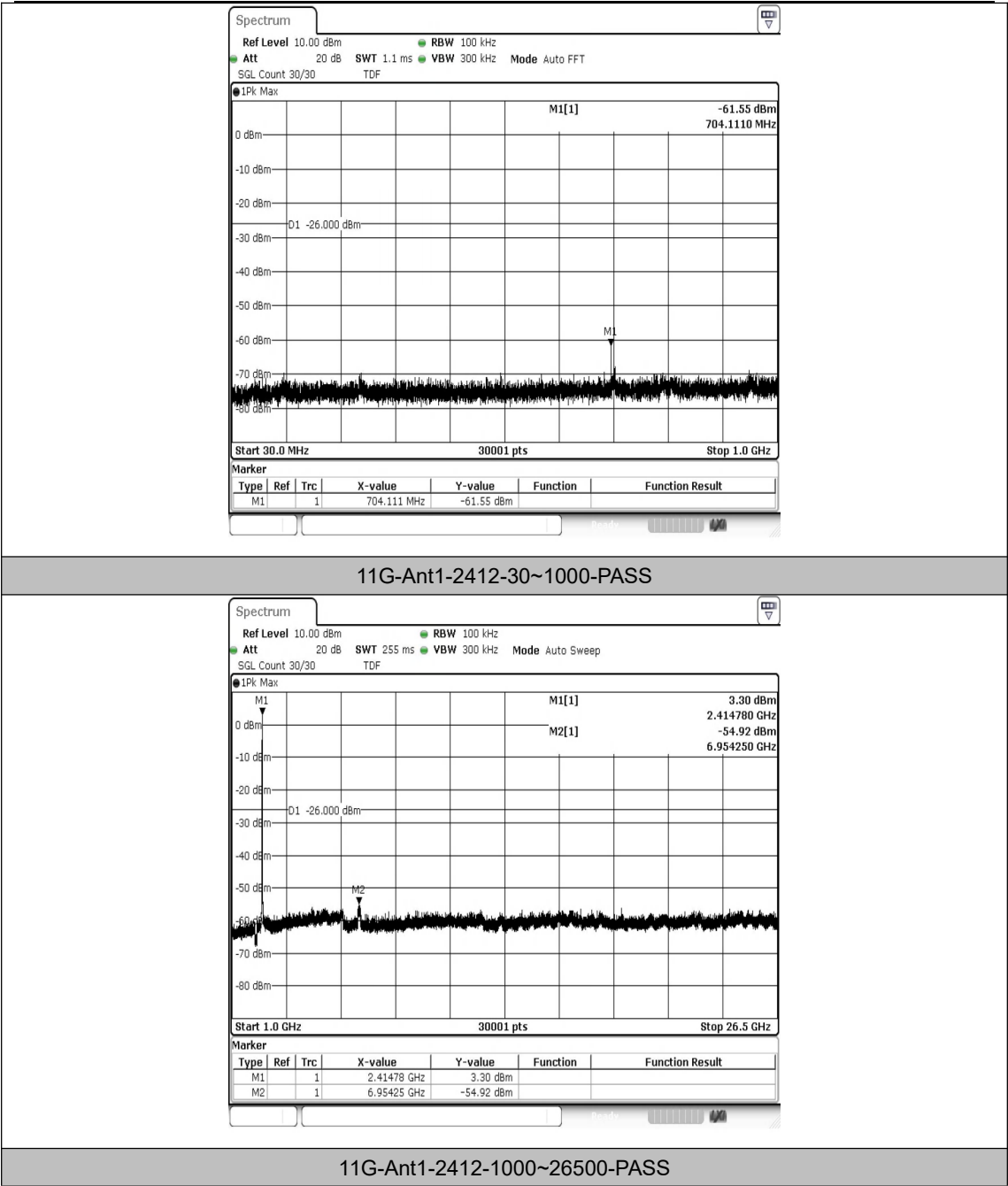




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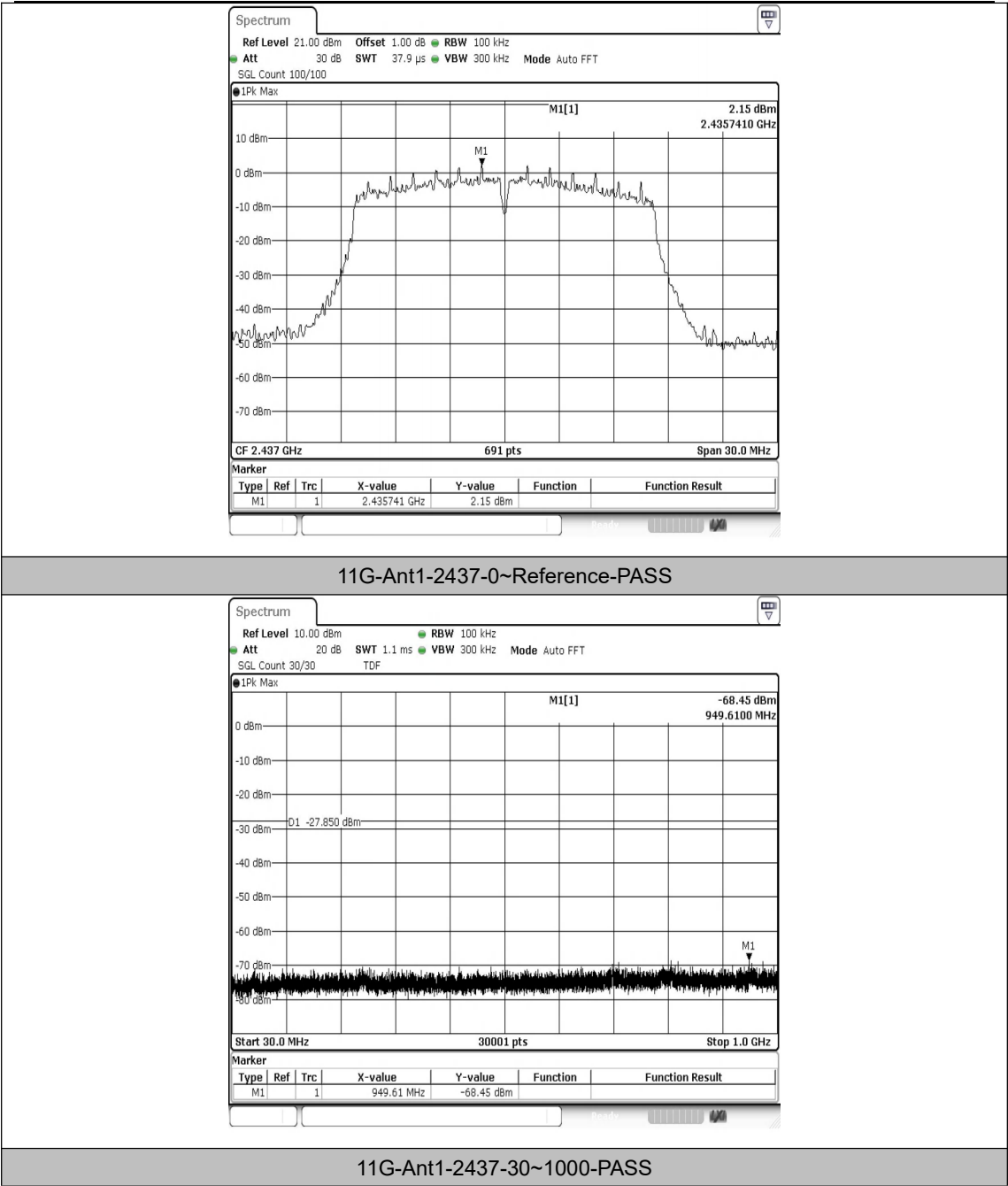
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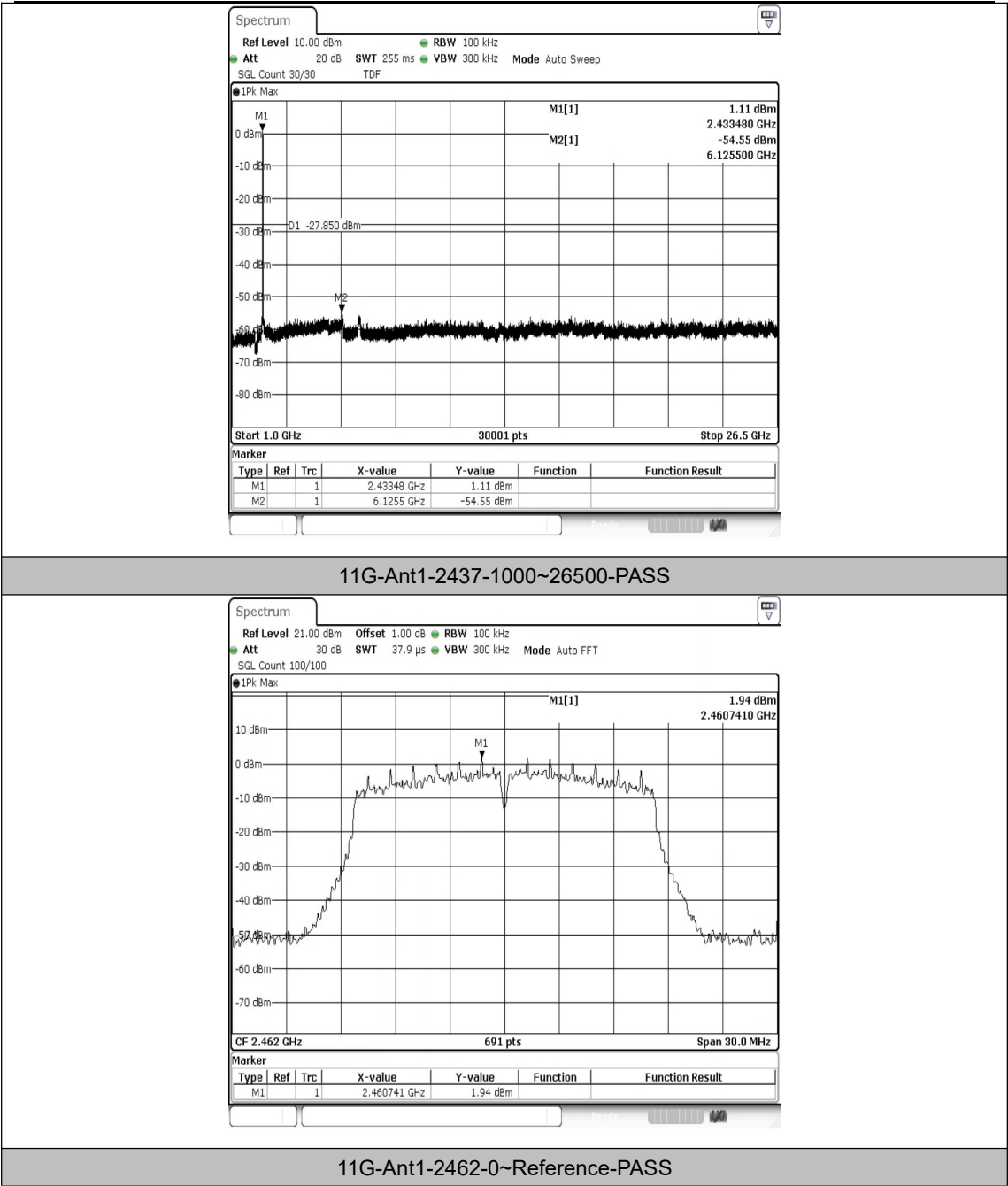


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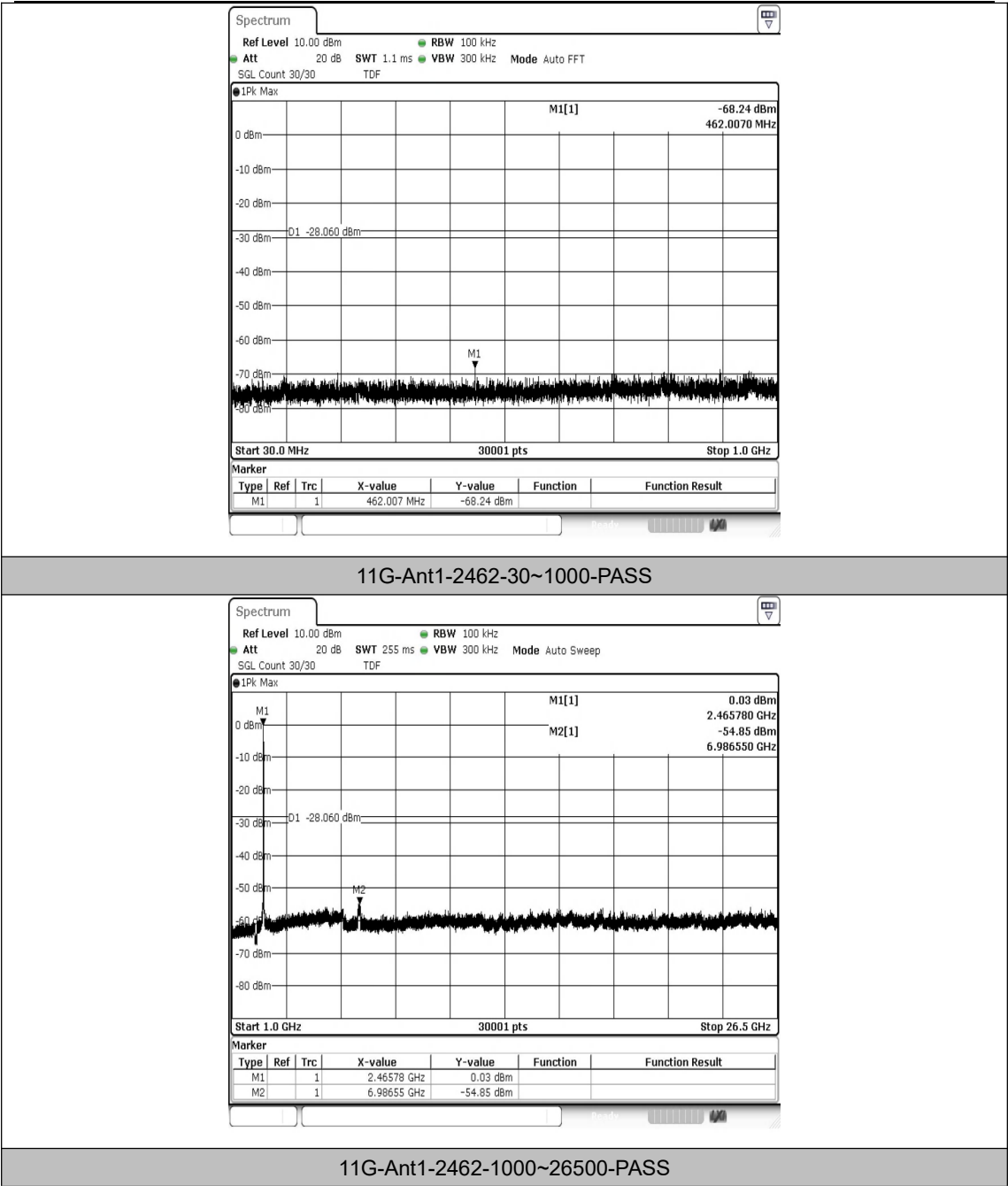




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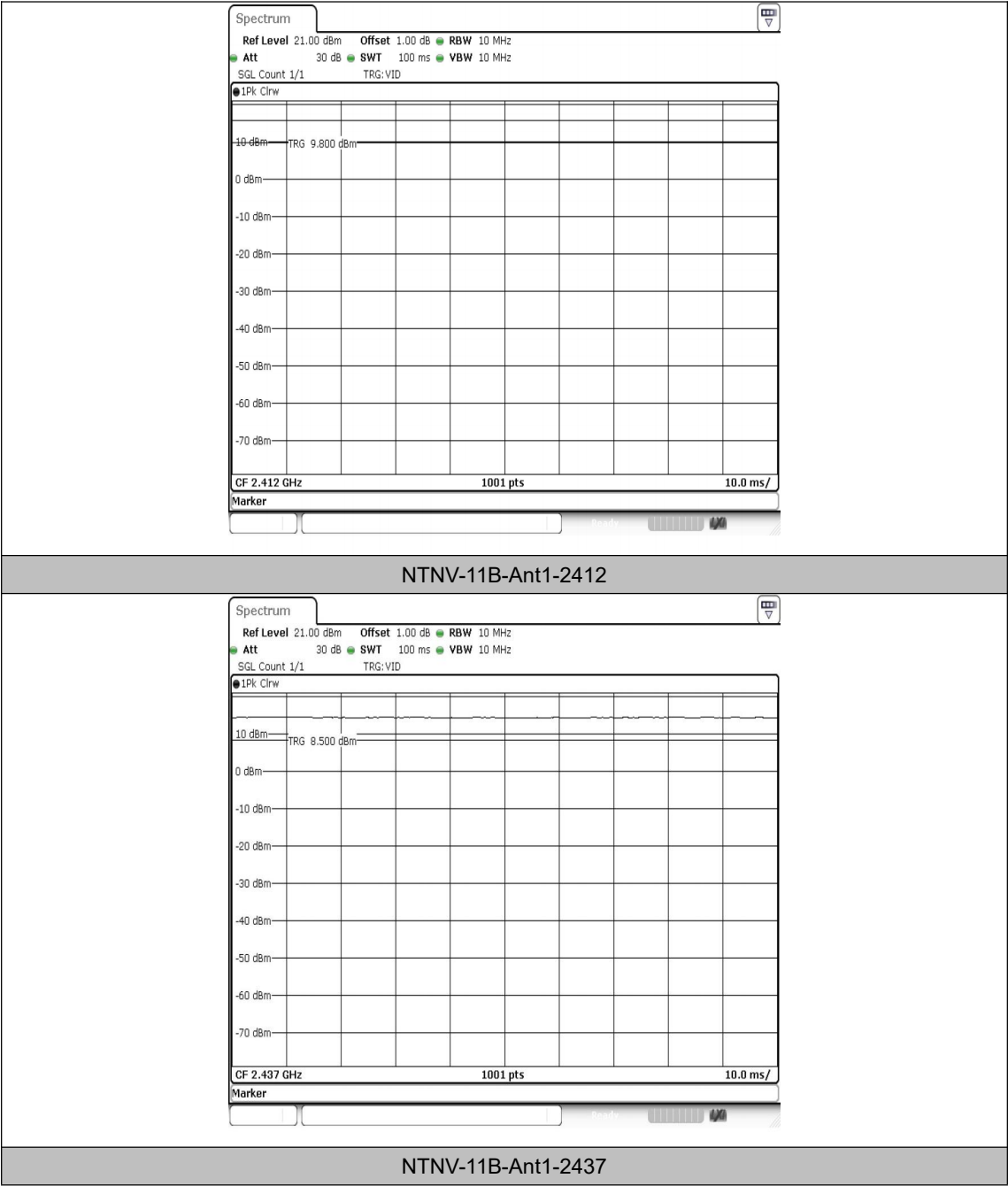
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## Appendix G: Duty Cycle

### Test Result

| Test Mode | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor [dB] |
|-----------|---------|-----------------|----------------------------|--------------------------|----------------|-------------|
| 11B       | Ant1    | 2412            | 100.00                     | 100.00                   | 100.00         | 0.00        |
| 11B       | Ant1    | 2437            | 100.00                     | 100.00                   | 100.00         | 0.00        |
| 11B       | Ant1    | 2462            | 100.00                     | 100.00                   | 100.00         | 0.00        |
| 11G       | Ant1    | 2412            | 100.00                     | 100.00                   | 100.00         | 0.00        |
| 11G       | Ant1    | 2437            | 100.00                     | 100.00                   | 100.00         | 0.00        |
| 11G       | Ant1    | 2462            | 100.00                     | 100.00                   | 100.00         | 0.00        |

Test Graphs



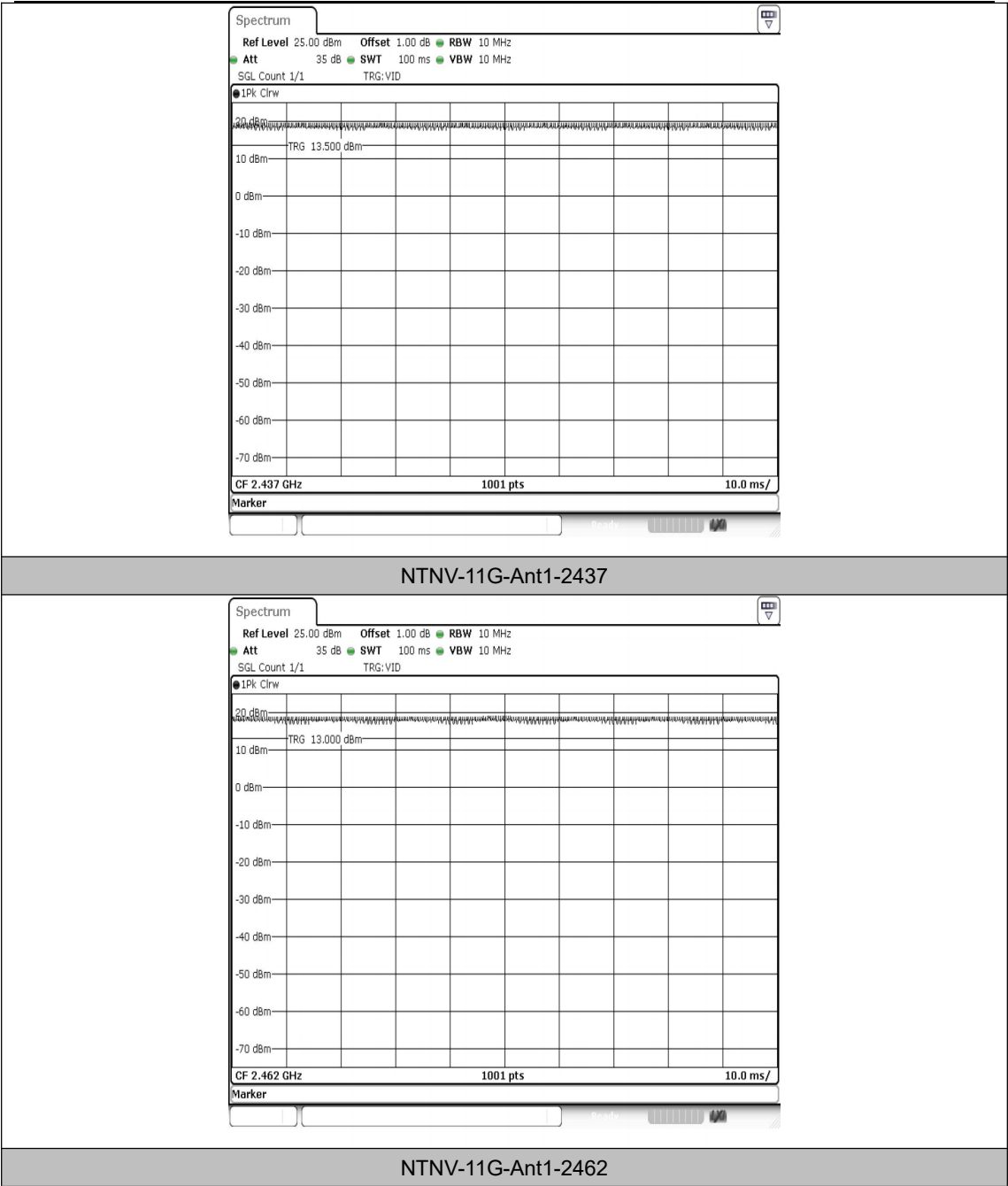
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