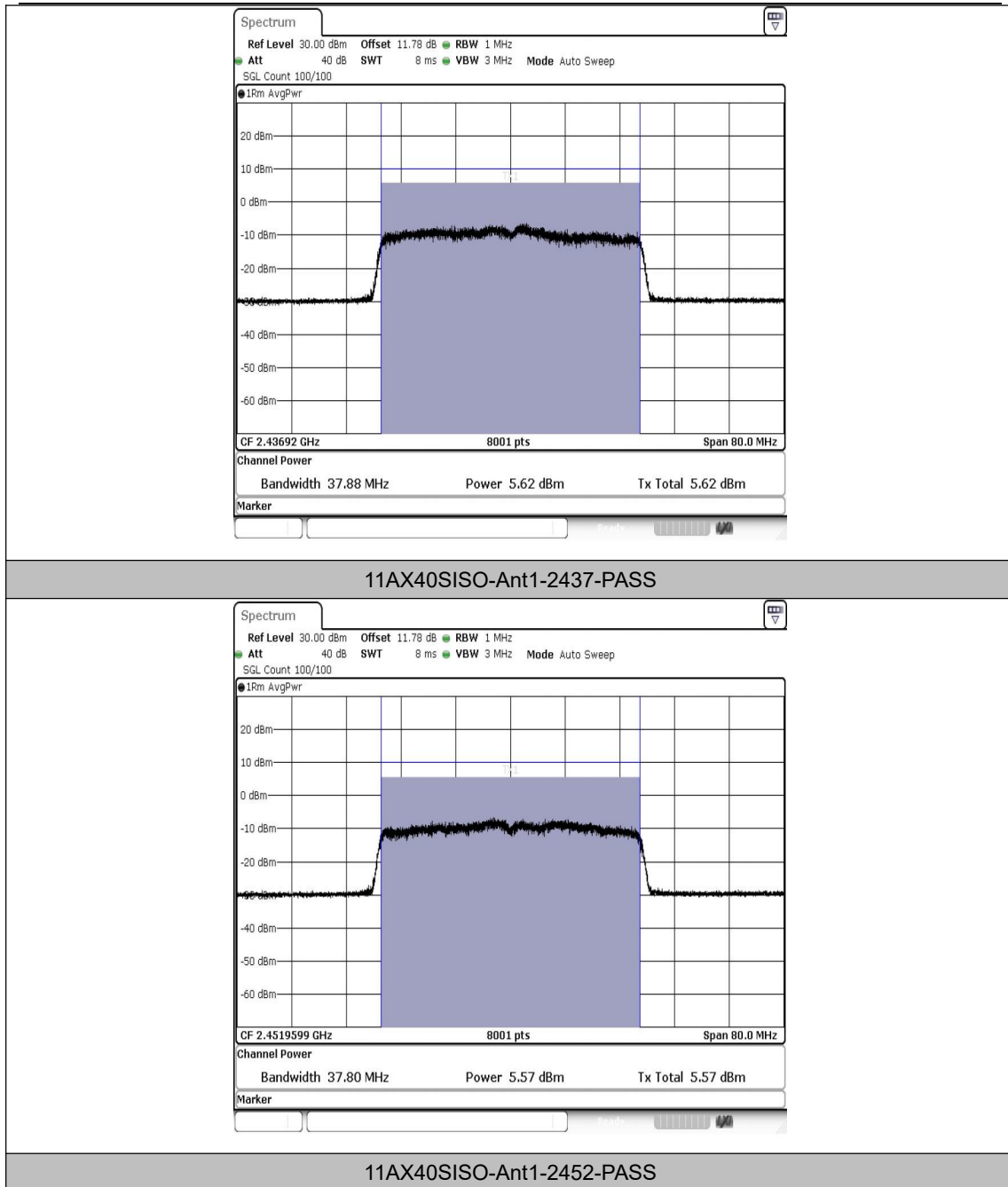




## Appendix D: Maximum power spectral density

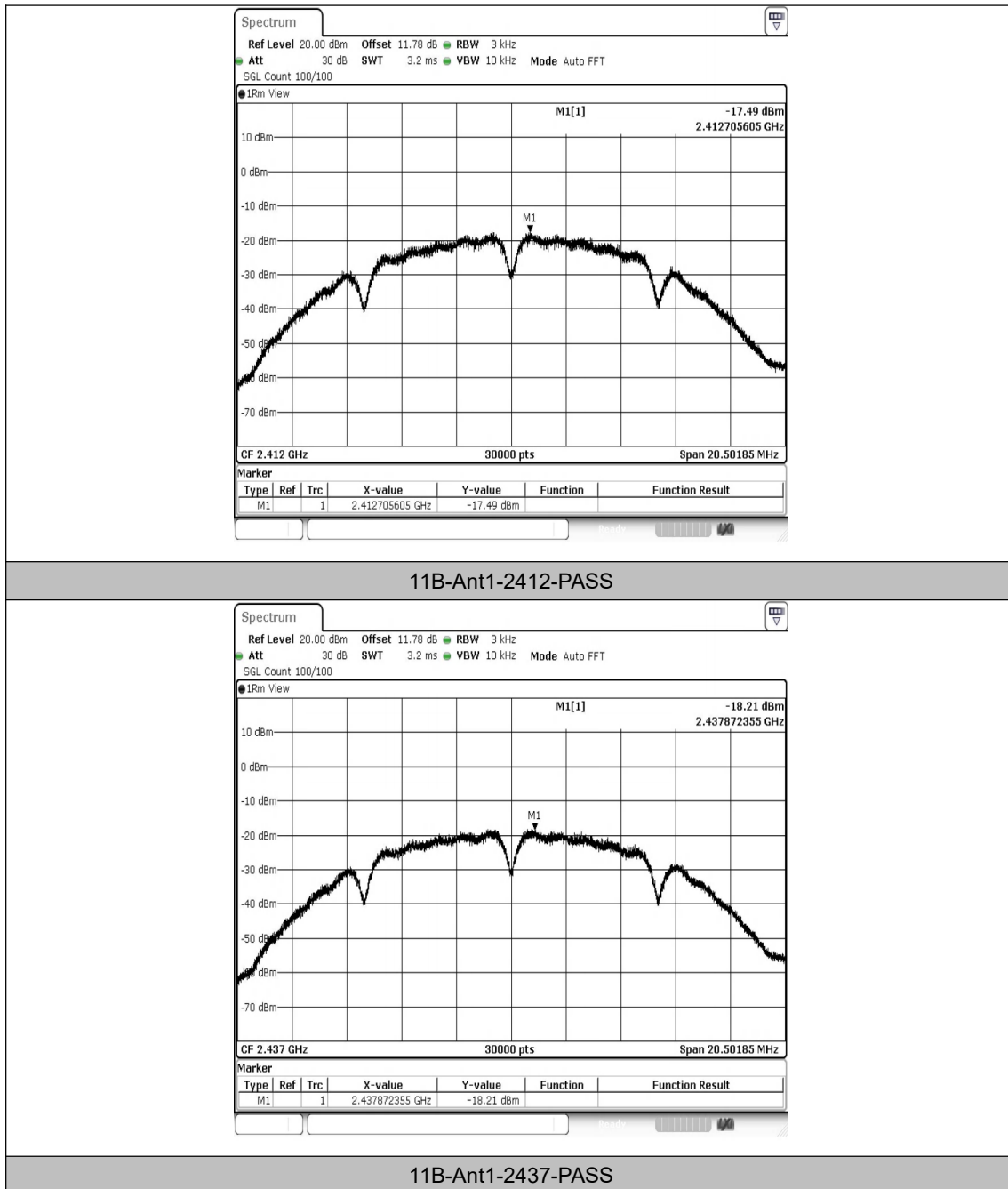
### Test Result

| Test Mode  | Antenna | Frequency [MHz] | Reading Result [dBm/3kHz] | DC Factor [dB] | Result [dBm/3kHz] | Limit [dBm/3kHz] | Verdict |
|------------|---------|-----------------|---------------------------|----------------|-------------------|------------------|---------|
| 11B        | Ant1    | 2412            | -17.49                    | 3.41           | -14.08            | ≤8.00            | PASS    |
| 11B        | Ant1    | 2437            | -18.21                    | 3.41           | -14.80            | ≤8.00            | PASS    |
| 11B        | Ant1    | 2462            | -19.19                    | 3.68           | -15.51            | ≤8.00            | PASS    |
| 11G        | Ant1    | 2412            | -25.86                    | 9.18           | -16.68            | ≤8.00            | PASS    |
| 11G        | Ant1    | 2437            | -27.08                    | 9.18           | -17.90            | ≤8.00            | PASS    |
| 11G        | Ant1    | 2462            | -28.01                    | 9.95           | -18.06            | ≤8.00            | PASS    |
| 11N20SISO  | Ant1    | 2412            | -25.08                    | 5.07           | -20.01            | ≤8.00            | PASS    |
| 11N20SISO  | Ant1    | 2437            | -23.96                    | 4.73           | -19.23            | ≤8.00            | PASS    |
| 11N20SISO  | Ant1    | 2462            | -23.83                    | 4.75           | -19.08            | ≤8.00            | PASS    |
| 11N40SISO  | Ant1    | 2422            | -29.35                    | 7.06           | -22.29            | ≤8.00            | PASS    |
| 11N40SISO  | Ant1    | 2437            | -28.2                     | 7.06           | -21.14            | ≤8.00            | PASS    |
| 11N40SISO  | Ant1    | 2452            | -28.57                    | 7.05           | -21.52            | ≤8.00            | PASS    |
| 11AX20SISO | Ant1    | 2412            | -26.11                    | 5.53           | -20.58            | ≤8.00            | PASS    |
| 11AX20SISO | Ant1    | 2437            | -24.72                    | 5.56           | -19.16            | ≤8.00            | PASS    |
| 11AX20SISO | Ant1    | 2462            | -24.83                    | 5.55           | -19.28            | ≤8.00            | PASS    |
| 11AX40SISO | Ant1    | 2422            | -29.15                    | 7.84           | -21.31            | ≤8.00            | PASS    |
| 11AX40SISO | Ant1    | 2437            | -30.04                    | 7.89           | -22.15            | ≤8.00            | PASS    |
| 11AX40SISO | Ant1    | 2452            | -29.35                    | 7.84           | -21.51            | ≤8.00            | PASS    |

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



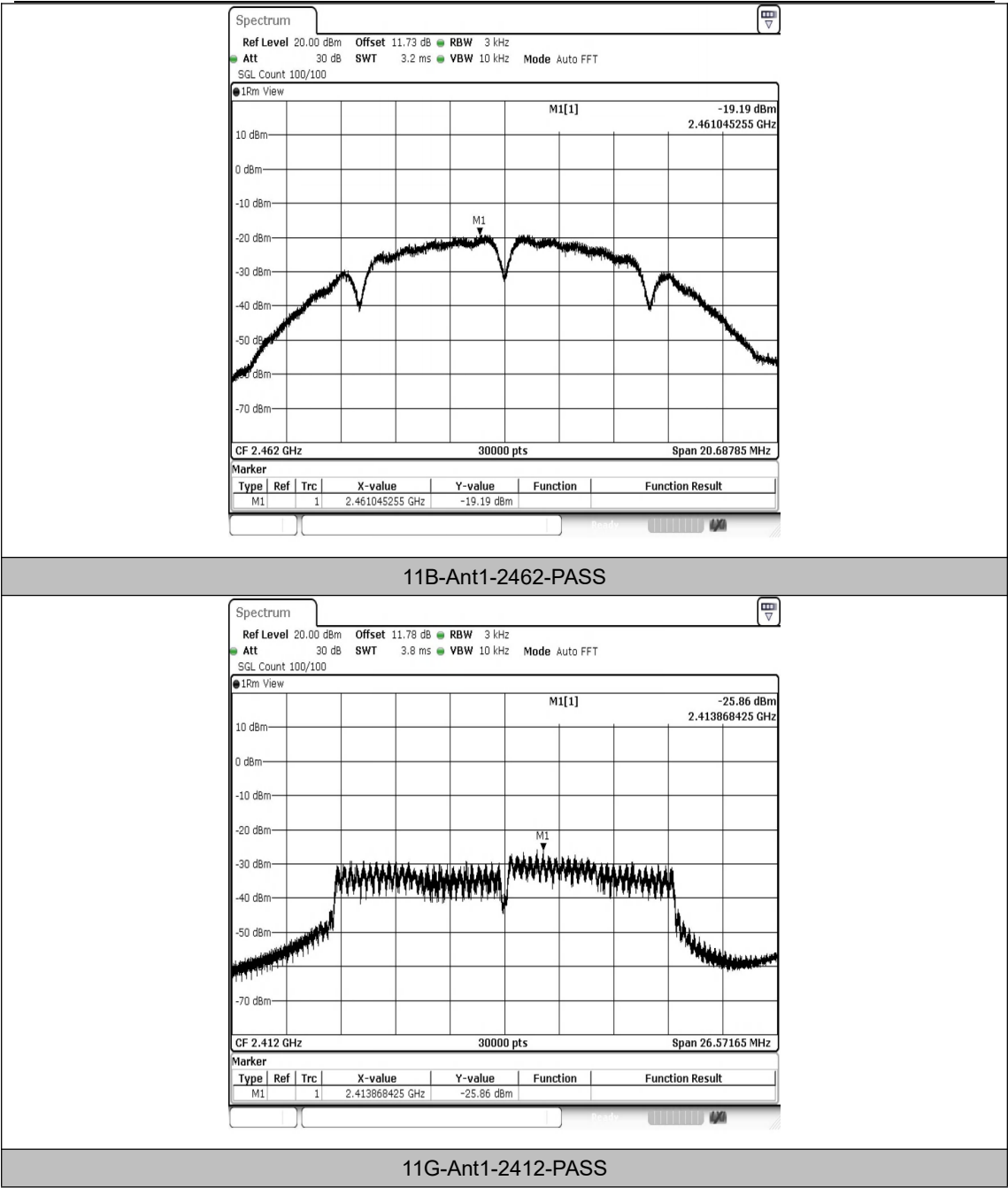
## Test Graphs

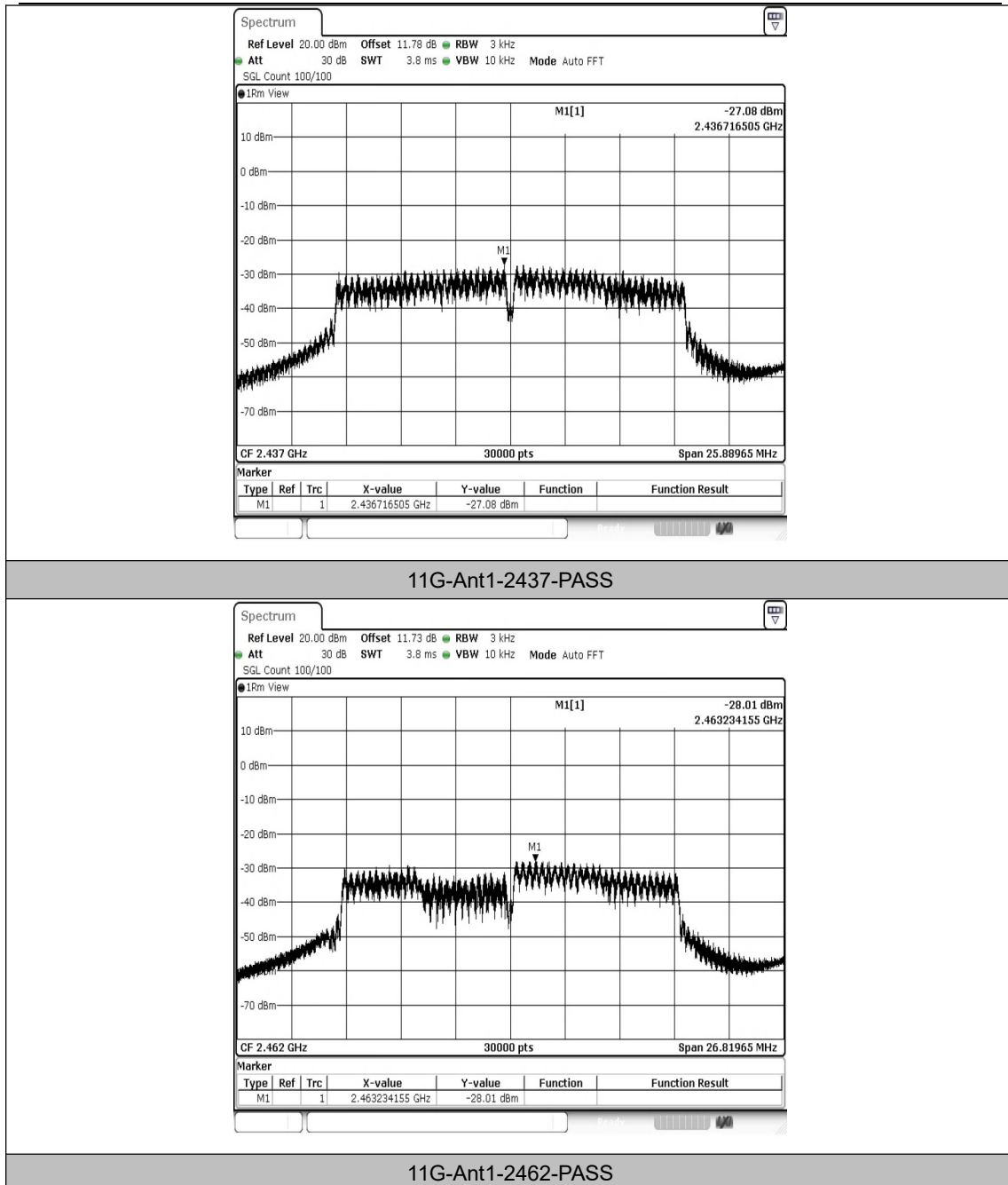


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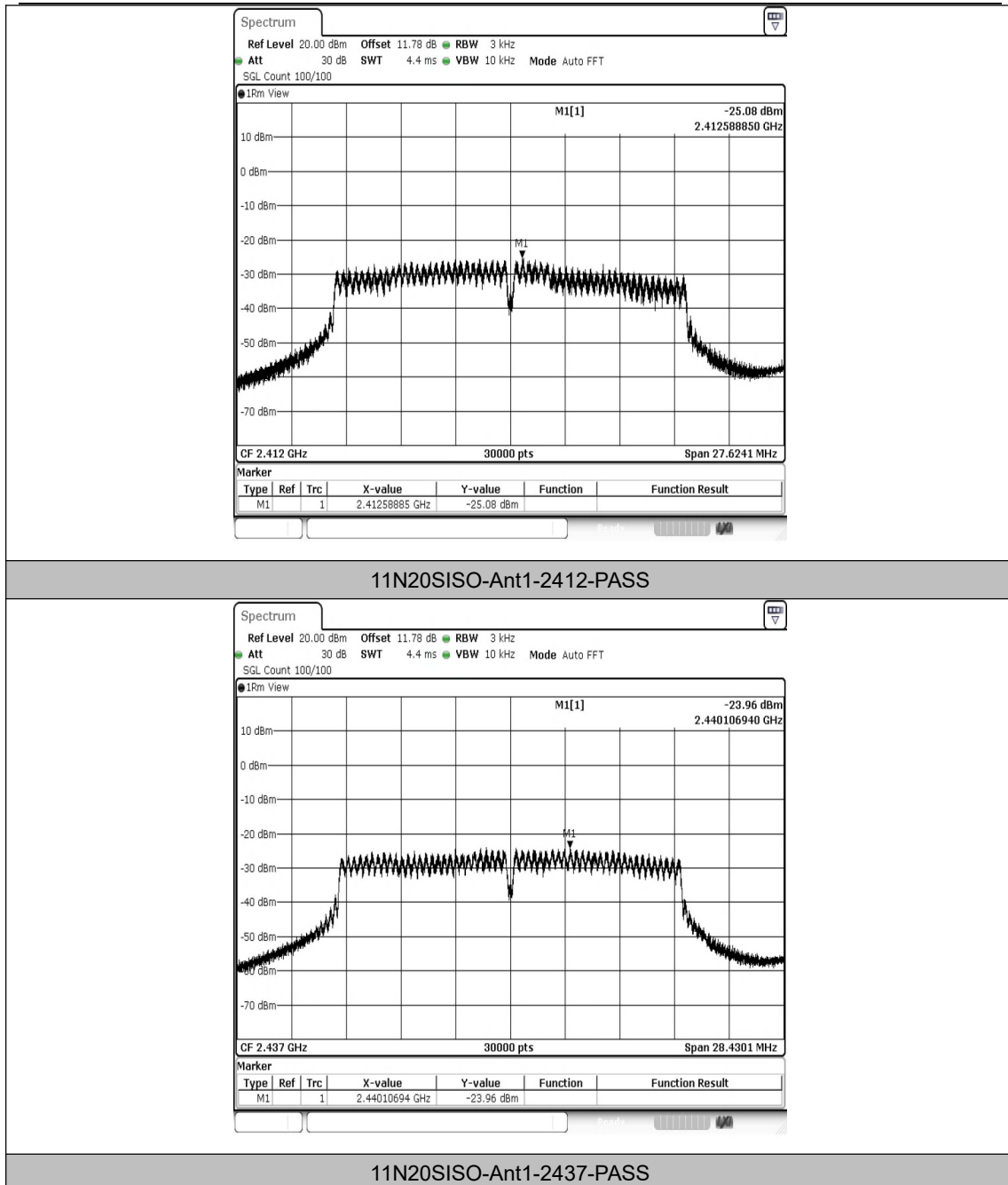


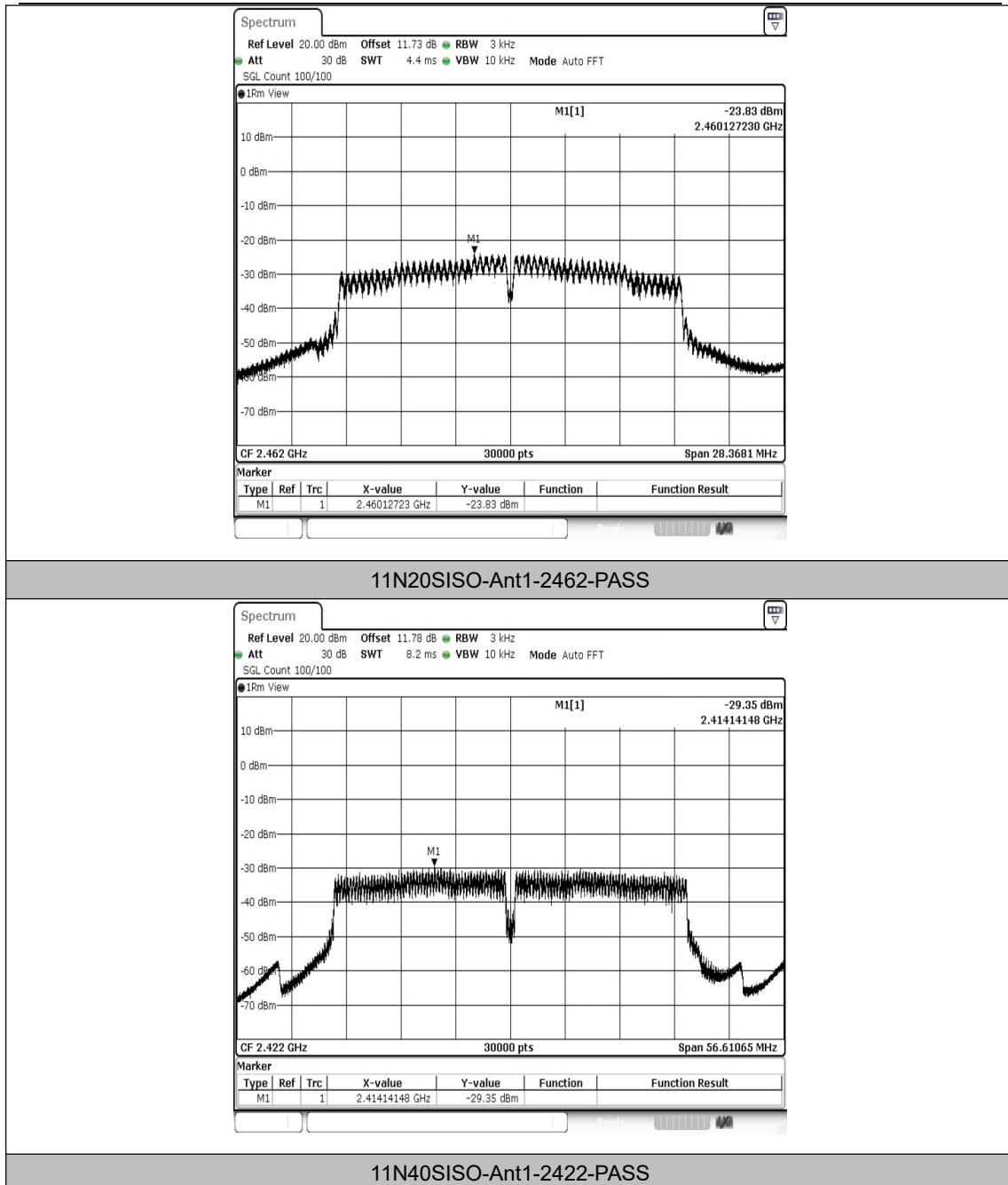


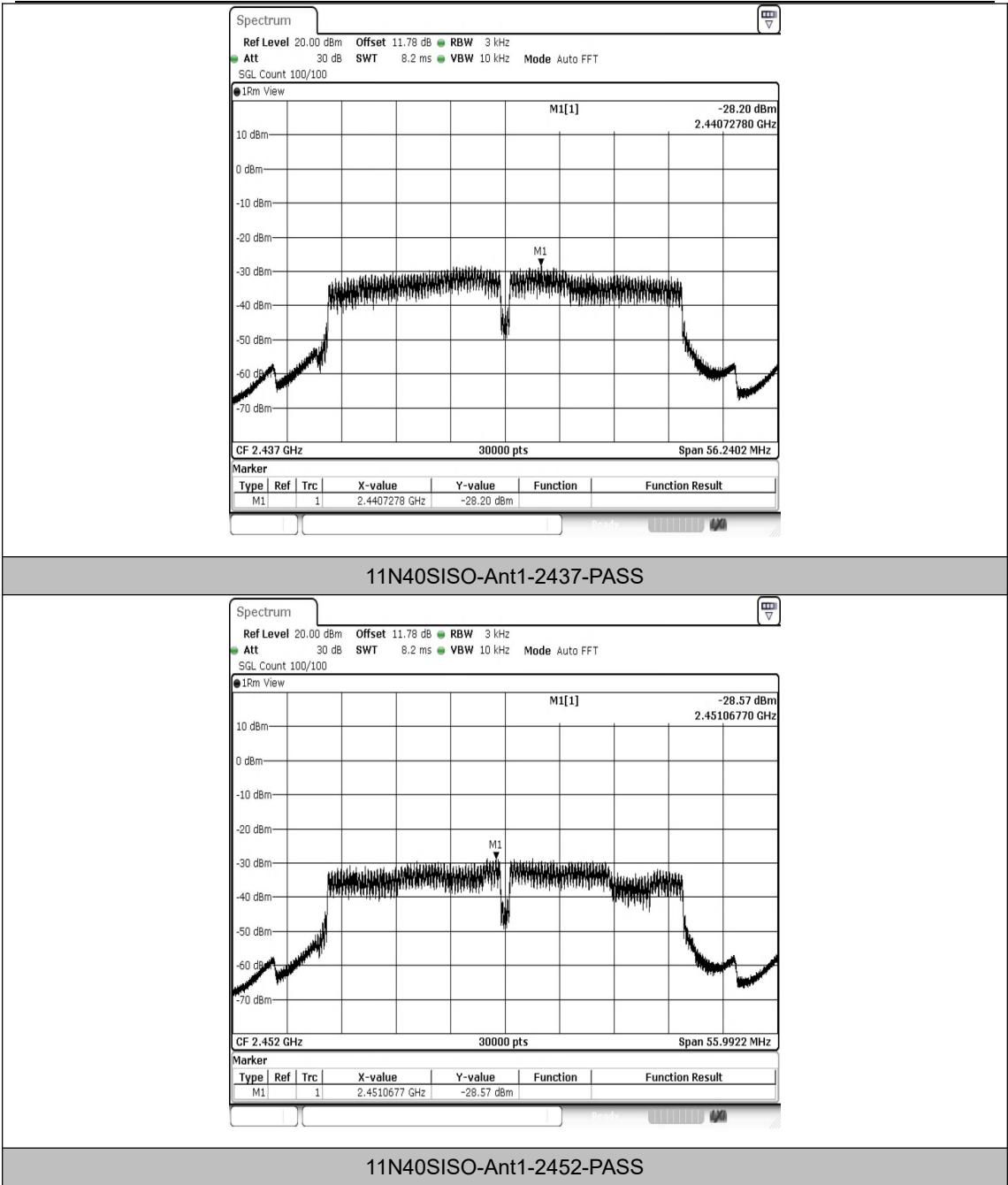
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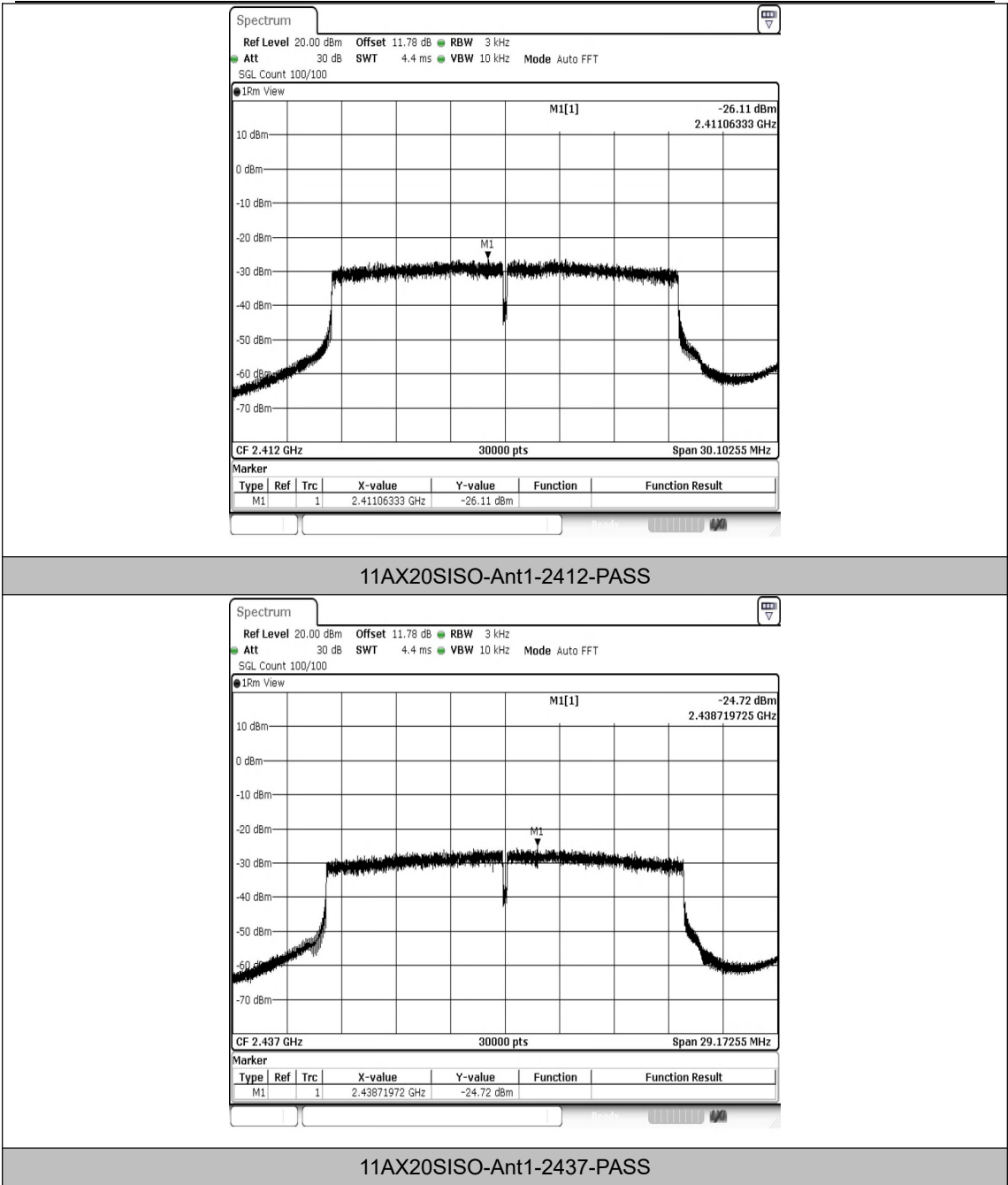
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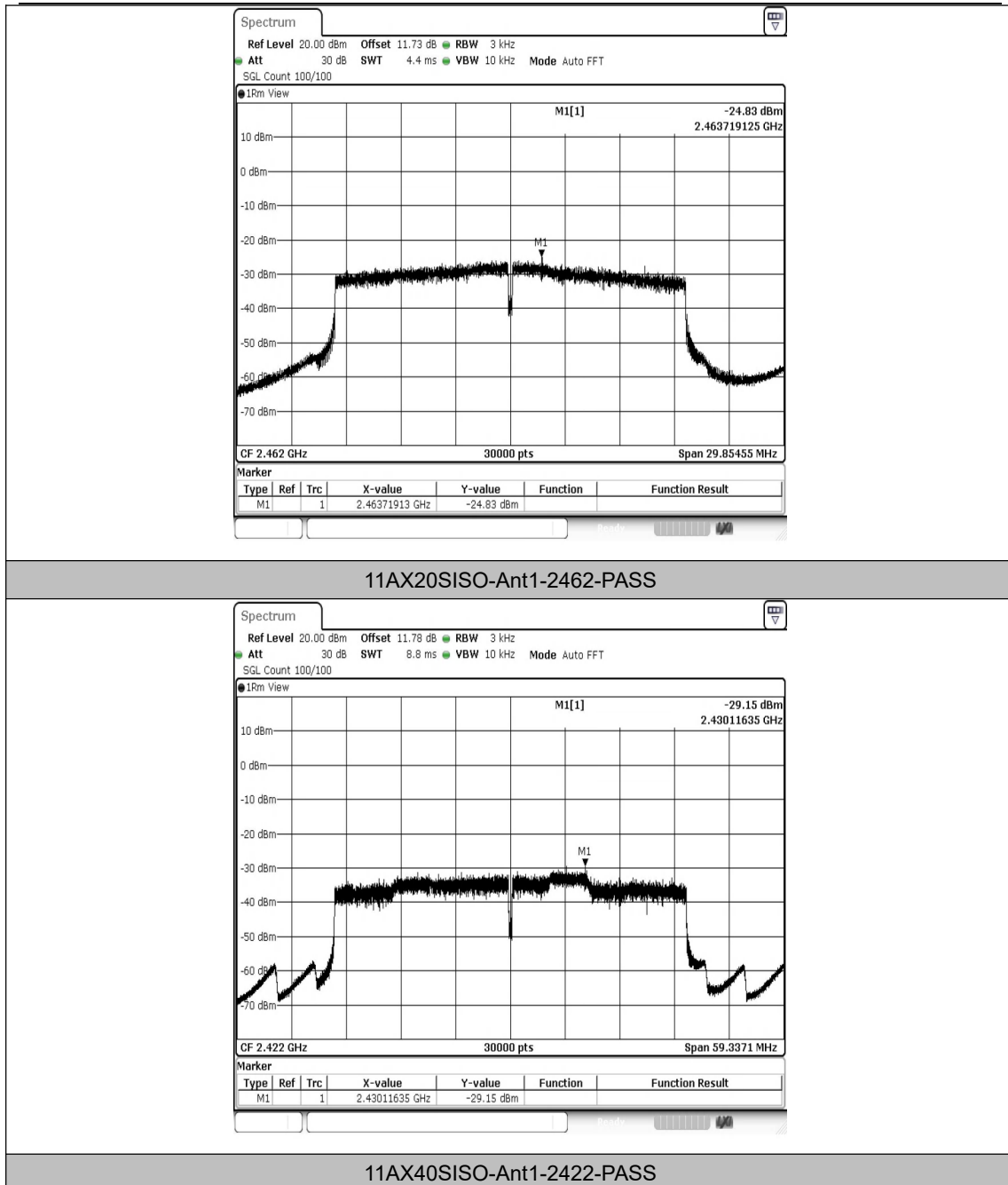
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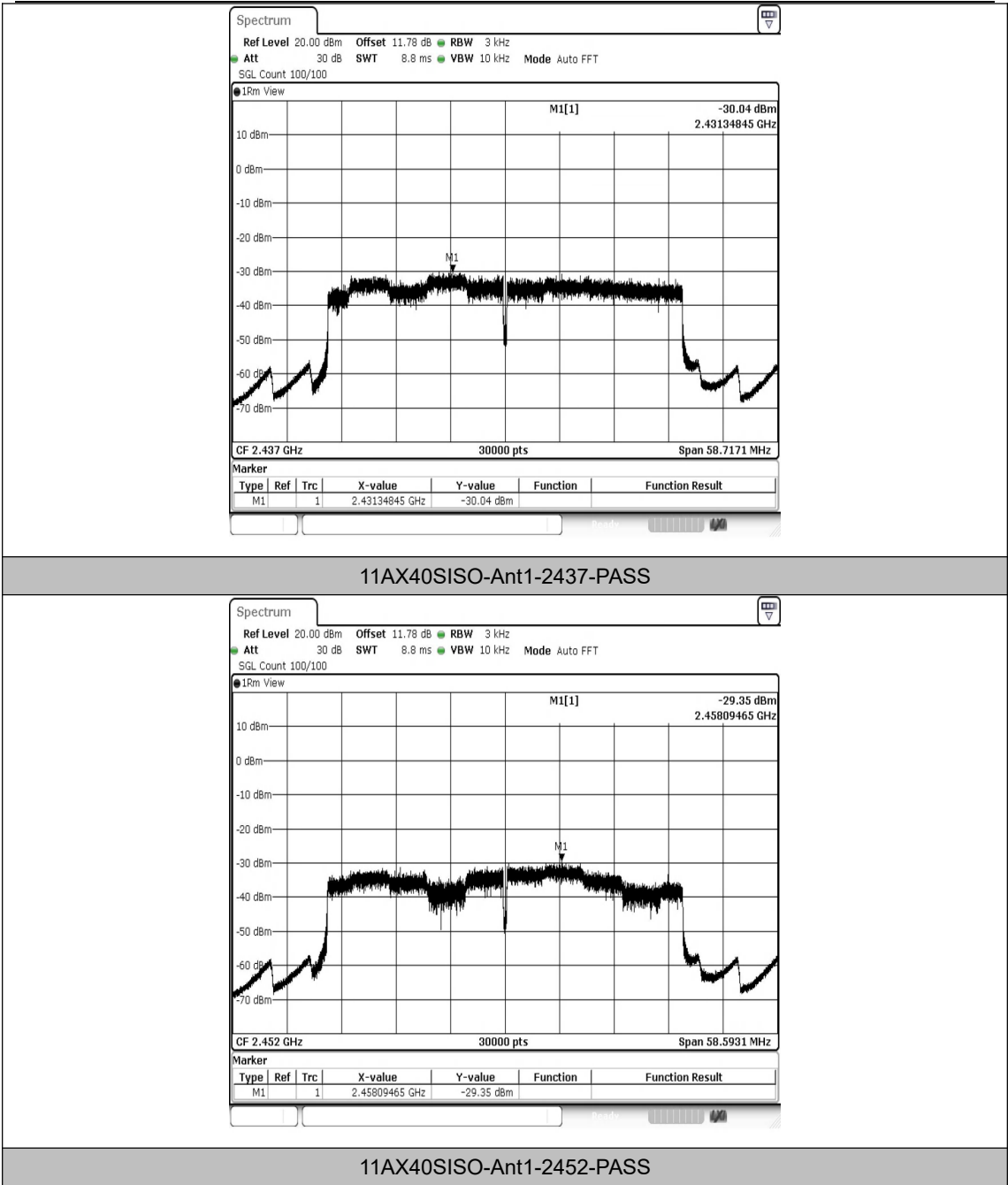












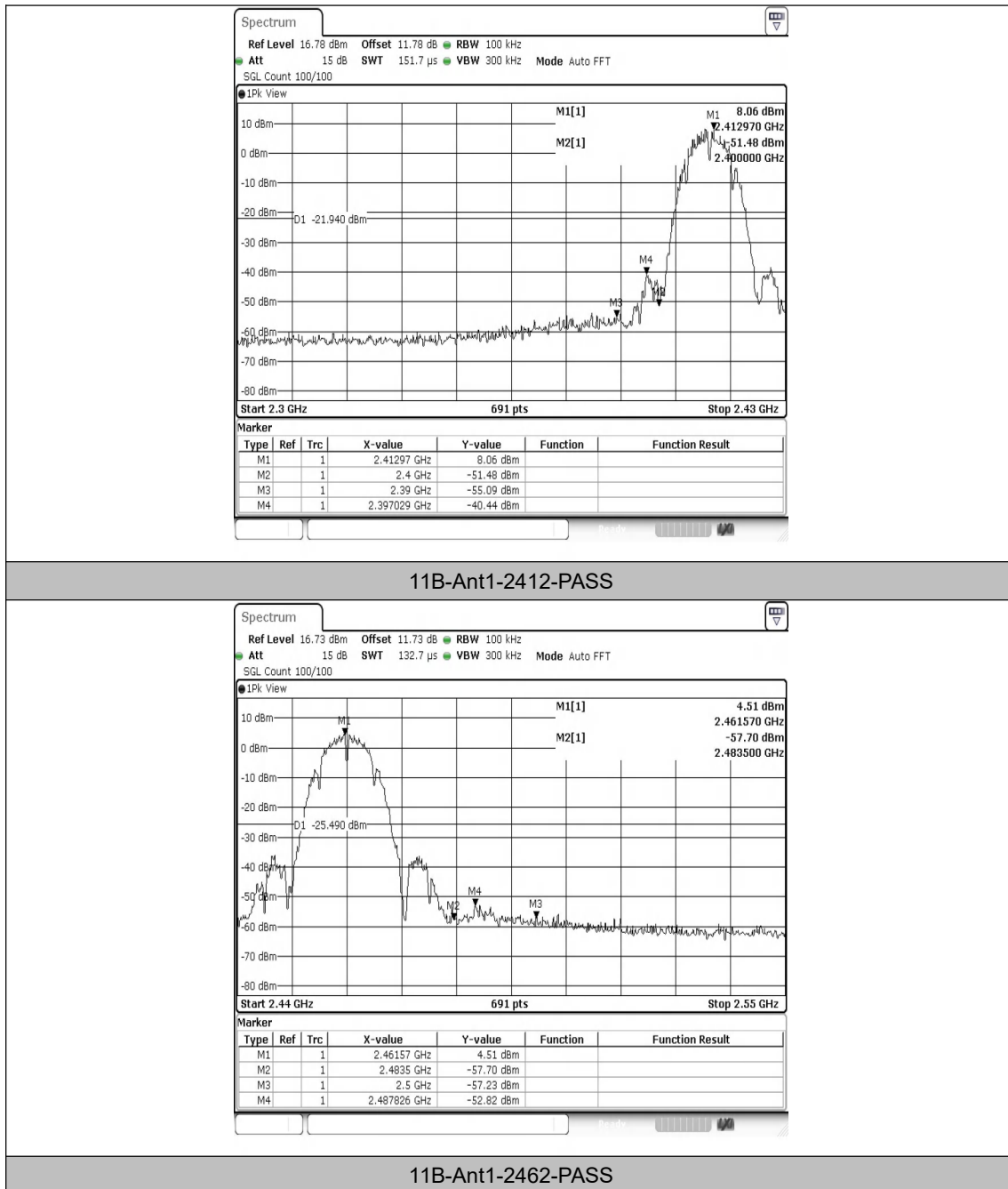
## Appendix E: Conducted Band edge

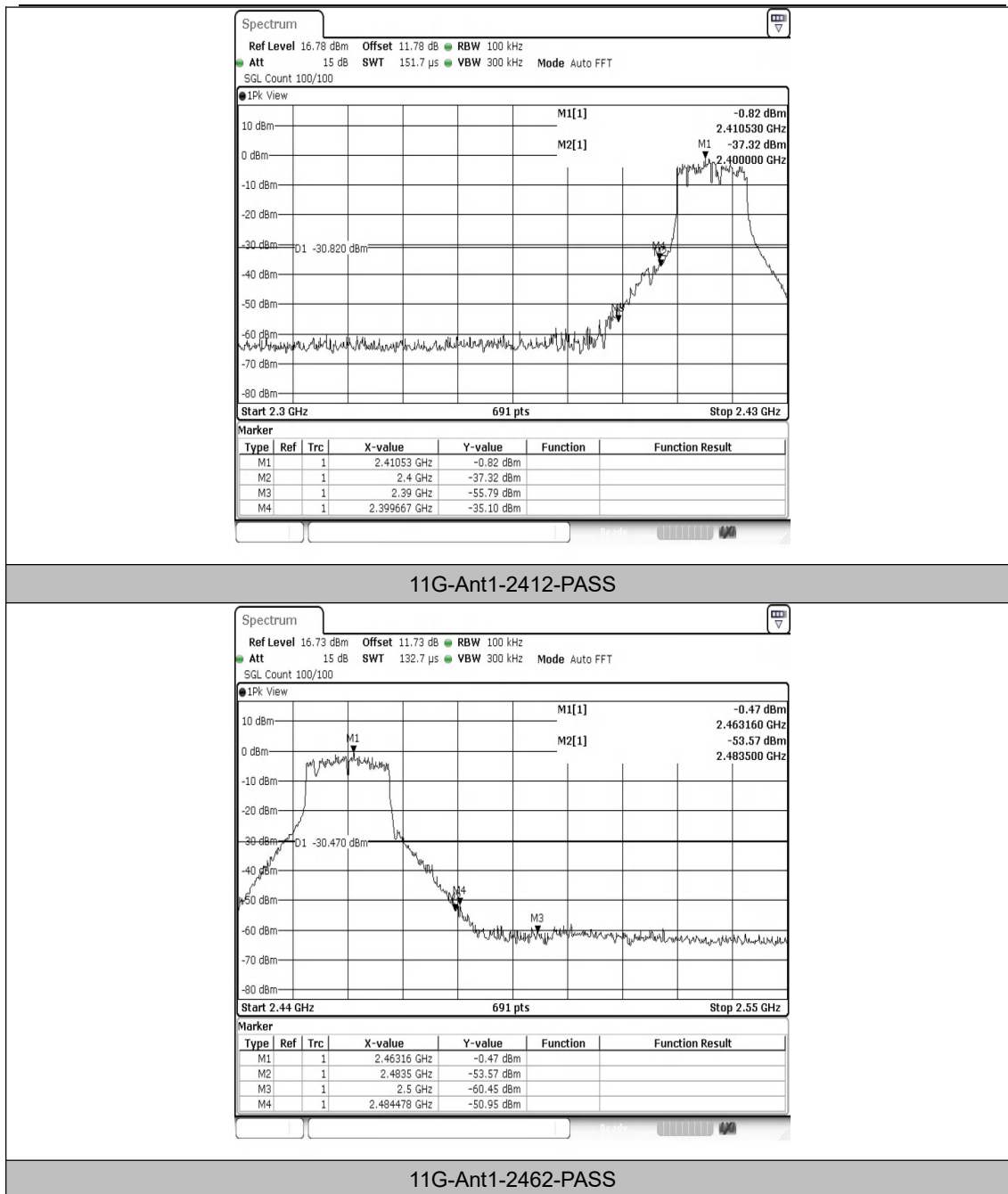
### Test Result

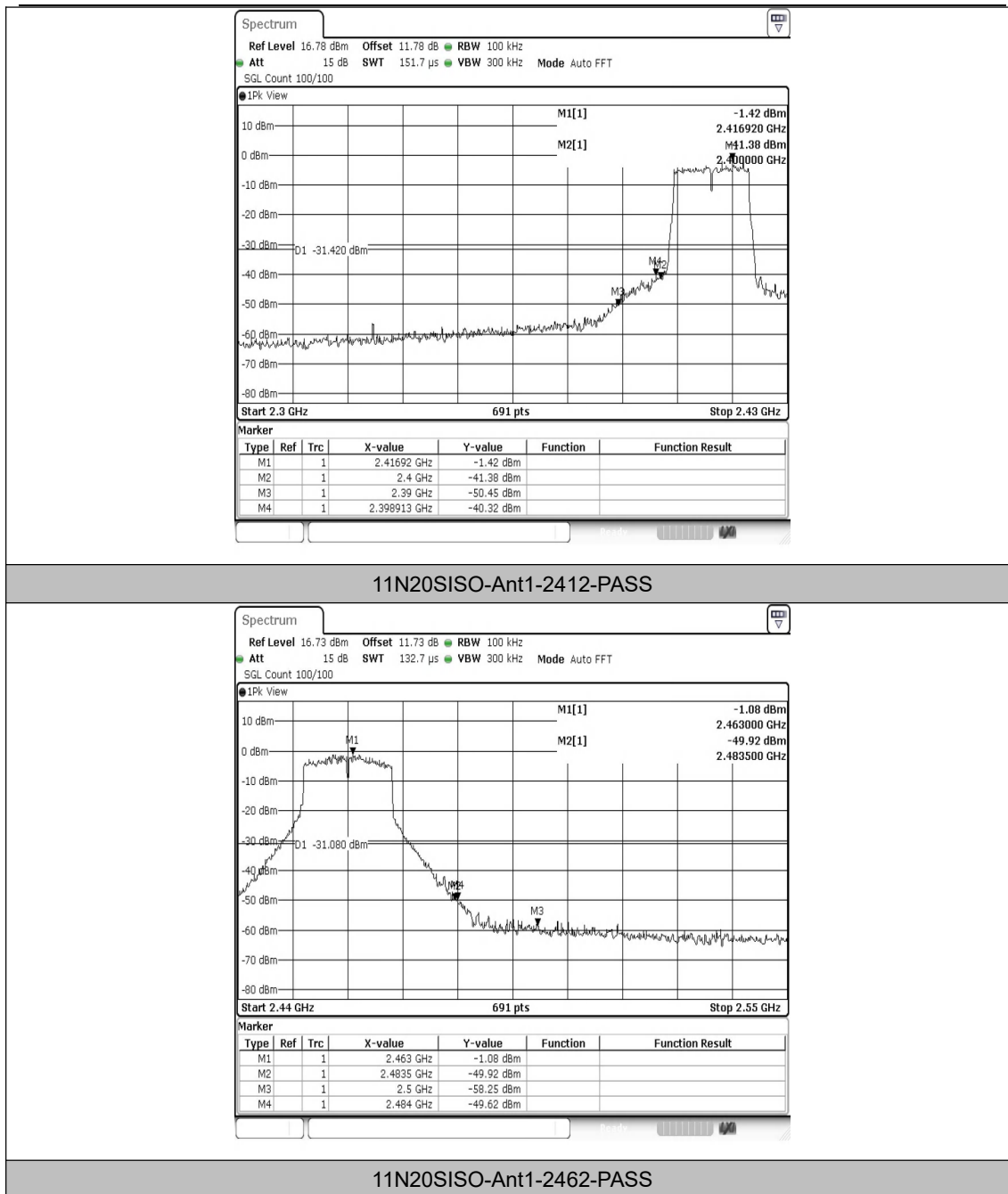
| Test Mode  | Antenna | Ch. Name | Frequency [MHz] | Ref. Level[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|----------|-----------------|-----------------|-------------|------------|---------|
| 11B        | Ant1    | Low      | 2412            | 8.06            | -40.44      | ≤-21.94    | PASS    |
| 11B        | Ant1    | High     | 2462            | 4.51            | -52.82      | ≤-25.49    | PASS    |
| 11G        | Ant1    | Low      | 2412            | -0.82           | -35.1       | ≤-30.82    | PASS    |
| 11G        | Ant1    | High     | 2462            | -0.47           | -50.95      | ≤-30.47    | PASS    |
| 11N20SISO  | Ant1    | Low      | 2412            | -1.42           | -40.32      | ≤-31.42    | PASS    |
| 11N20SISO  | Ant1    | High     | 2462            | -1.08           | -49.62      | ≤-31.08    | PASS    |
| 11N40SISO  | Ant1    | Low      | 2422            | -3.76           | -36.02      | ≤-33.76    | PASS    |
| 11N40SISO  | Ant1    | High     | 2452            | -3.49           | -46.14      | ≤-33.49    | PASS    |
| 11AX20SISO | Ant1    | Low      | 2412            | 0.53            | -35.12      | ≤-29.47    | PASS    |
| 11AX20SISO | Ant1    | High     | 2462            | -1.29           | -47.67      | ≤-31.29    | PASS    |
| 11AX40SISO | Ant1    | Low      | 2422            | -3.29           | -41.59      | ≤-33.29    | PASS    |
| 11AX40SISO | Ant1    | High     | 2452            | -2.92           | -44.74      | ≤-32.92    | PASS    |



## Test Graphs



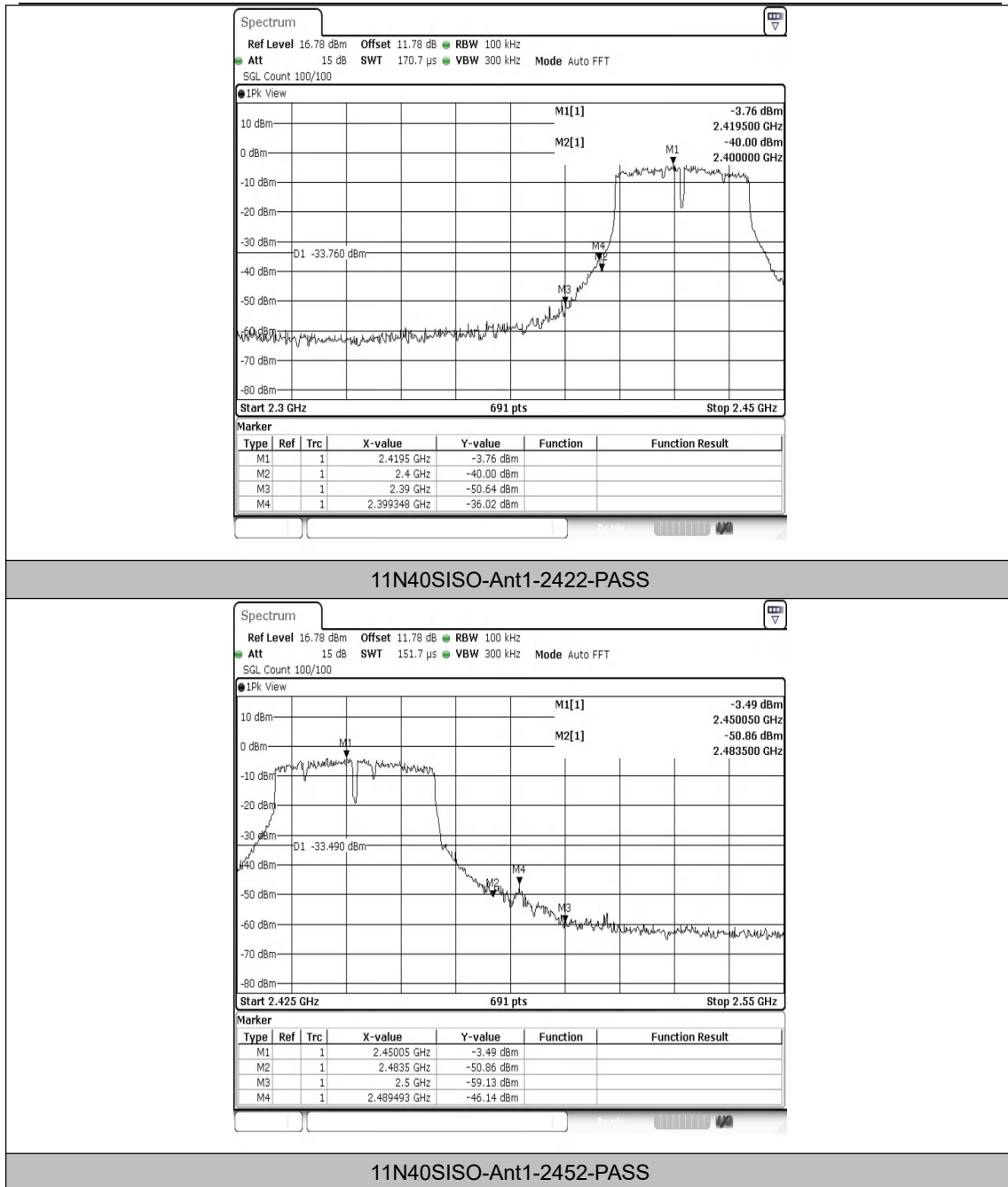


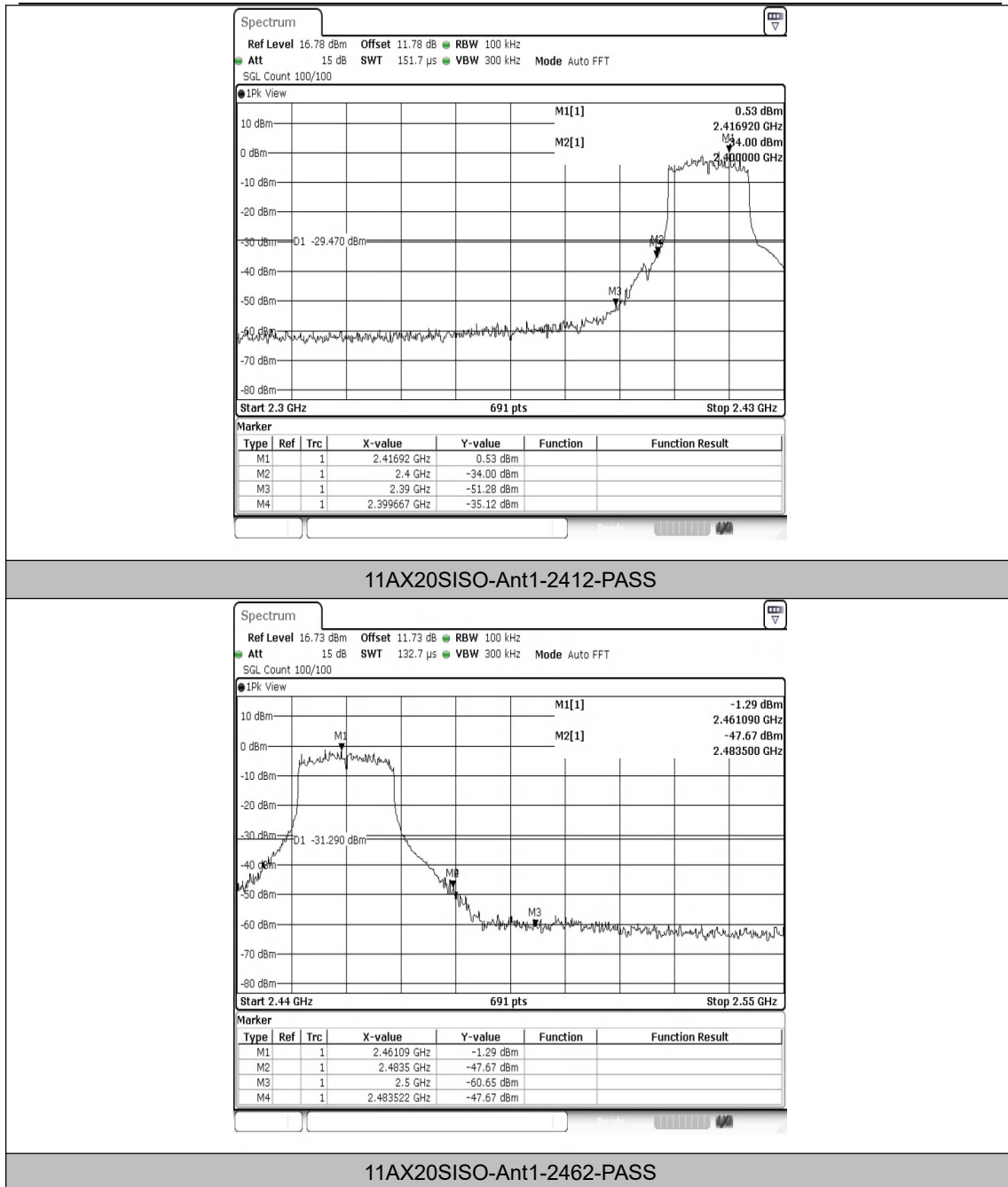


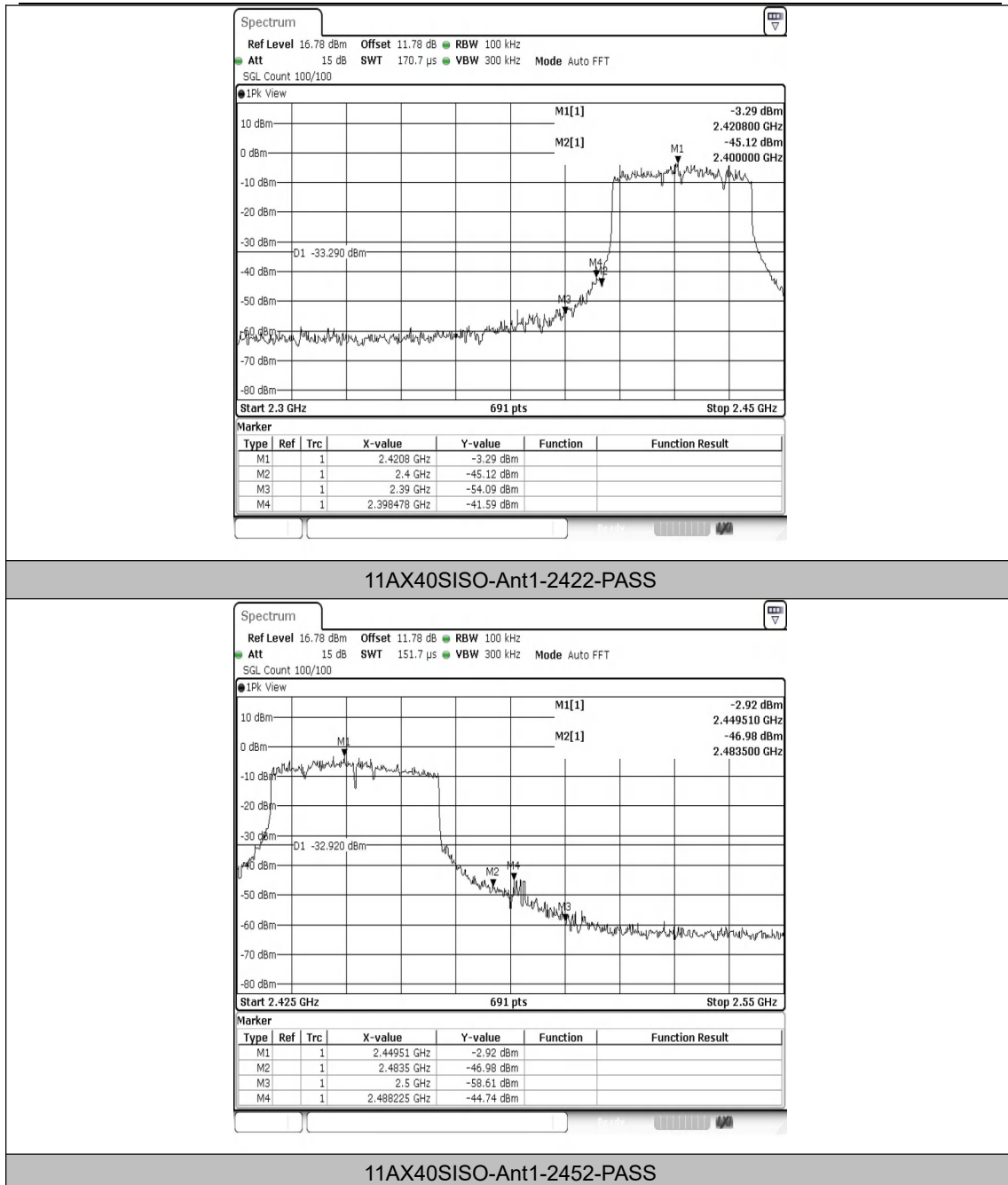
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## Appendix F: Conducted Spurious Emission

### Test Result

| Test Mode | Antenna | Frequency[MHz] | Freq. Range [Mhz] | Ref. Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-------------------|------------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | 0~Reference       | 8.11             | 8.11         | ---         | PASS    |
| 11B       | Ant1    | 2412           | 30~1000           | 8.11             | -58.38       | ≤-21.89     | PASS    |
| 11B       | Ant1    | 2412           | 1000~26500        | 8.11             | -36.63       | ≤-21.89     | PASS    |
| 11B       | Ant1    | 2437           | 0~Reference       | 7.48             | 7.48         | ---         | PASS    |
| 11B       | Ant1    | 2437           | 30~1000           | 7.48             | -57.12       | ≤-22.52     | PASS    |
| 11B       | Ant1    | 2437           | 1000~26500        | 7.48             | -37.27       | ≤-22.52     | PASS    |
| 11B       | Ant1    | 2462           | 0~Reference       | 5.78             | 5.78         | ---         | PASS    |
| 11B       | Ant1    | 2462           | 30~1000           | 5.78             | -58.11       | ≤-24.22     | PASS    |
| 11B       | Ant1    | 2462           | 1000~26500        | 5.78             | -36          | ≤-24.22     | PASS    |
| 11G       | Ant1    | 2412           | 0~Reference       | -0.98            | -0.98        | ---         | PASS    |
| 11G       | Ant1    | 2412           | 30~1000           | -0.98            | -58.24       | ≤-30.98     | PASS    |
| 11G       | Ant1    | 2412           | 1000~26500        | -0.98            | -44.32       | ≤-30.98     | PASS    |
| 11G       | Ant1    | 2437           | 0~Reference       | 0.08             | 0.08         | ---         | PASS    |
| 11G       | Ant1    | 2437           | 30~1000           | 0.08             | -58.09       | ≤-29.92     | PASS    |
| 11G       | Ant1    | 2437           | 1000~26500        | 0.08             | -43.47       | ≤-29.92     | PASS    |
| 11G       | Ant1    | 2462           | 0~Reference       | -1.20            | -1.20        | ---         | PASS    |
| 11G       | Ant1    | 2462           | 30~1000           | -1.20            | -58.22       | ≤-31.2      | PASS    |
| 11G       | Ant1    | 2462           | 1000~26500        | -1.20            | -43.53       | ≤-31.2      | PASS    |
| 11N20SISO | Ant1    | 2412           | 0~Reference       | -0.45            | -0.45        | ---         | PASS    |
| 11N20SISO | Ant1    | 2412           | 30~1000           | -0.45            | -58.35       | ≤-30.45     | PASS    |
| 11N20SISO | Ant1    | 2412           | 1000~26500        | -0.45            | -44.25       | ≤-30.45     | PASS    |
| 11N20SISO | Ant1    | 2437           | 0~Reference       | -0.60            | -0.60        | ---         | PASS    |
| 11N20SISO | Ant1    | 2437           | 30~1000           | -0.60            | -56.78       | ≤-30.6      | PASS    |
| 11N20SISO | Ant1    | 2437           | 1000~26500        | -0.60            | -43.62       | ≤-30.6      | PASS    |
| 11N20SISO | Ant1    | 2462           | 0~Reference       | -1.12            | -1.12        | ---         | PASS    |
| 11N20SISO | Ant1    | 2462           | 30~1000           | -1.12            | -57.34       | ≤-31.12     | PASS    |
| 11N20SISO | Ant1    | 2462           | 1000~26500        | -1.12            | -44.11       | ≤-31.12     | PASS    |
| 11N40SISO | Ant1    | 2422           | 0~Reference       | -4.08            | -4.08        | ---         | PASS    |
| 11N40SISO | Ant1    | 2422           | 30~1000           | -4.08            | -57.93       | ≤-34.08     | PASS    |
| 11N40SISO | Ant1    | 2422           | 1000~26500        | -4.08            | -44.19       | ≤-34.08     | PASS    |
| 11N40SISO | Ant1    | 2437           | 0~Reference       | -3.49            | -3.49        | ---         | PASS    |
| 11N40SISO | Ant1    | 2437           | 30~1000           | -3.49            | -57.79       | ≤-33.49     | PASS    |
| 11N40SISO | Ant1    | 2437           | 1000~26500        | -3.49            | -43.95       | ≤-33.49     | PASS    |
| 11N40SISO | Ant1    | 2452           | 0~Reference       | -0.11            | -0.11        | ---         | PASS    |
| 11N40SISO | Ant1    | 2452           | 30~1000           | -0.11            | -56.84       | ≤-30.11     | PASS    |
| 11N40SISO | Ant1    | 2452           | 1000~26500        | -0.11            | -43.87       | ≤-30.11     | PASS    |

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|            |      |      |             |       |        |         |      |
|------------|------|------|-------------|-------|--------|---------|------|
| 11AX20SISO | Ant1 | 2412 | 0~Reference | -0.22 | -0.22  | ---     | PASS |
| 11AX20SISO | Ant1 | 2412 | 30~1000     | -0.22 | -57.35 | ≤-30.22 | PASS |
| 11AX20SISO | Ant1 | 2412 | 1000~26500  | -0.22 | -43.84 | ≤-30.22 | PASS |
| 11AX20SISO | Ant1 | 2437 | 0~Reference | -0.34 | -0.34  | ---     | PASS |
| 11AX20SISO | Ant1 | 2437 | 30~1000     | -0.34 | -56.86 | ≤-30.34 | PASS |
| 11AX20SISO | Ant1 | 2437 | 1000~26500  | -0.34 | -43.5  | ≤-30.34 | PASS |
| 11AX20SISO | Ant1 | 2462 | 0~Reference | -0.95 | -0.95  | ---     | PASS |
| 11AX20SISO | Ant1 | 2462 | 30~1000     | -0.95 | -58.17 | ≤-30.95 | PASS |
| 11AX20SISO | Ant1 | 2462 | 1000~26500  | -0.95 | -42.86 | ≤-30.95 | PASS |
| 11AX40SISO | Ant1 | 2422 | 0~Reference | -4.14 | -4.14  | ---     | PASS |
| 11AX40SISO | Ant1 | 2422 | 30~1000     | -4.14 | -57.91 | ≤-34.14 | PASS |
| 11AX40SISO | Ant1 | 2422 | 1000~26500  | -4.14 | -43.35 | ≤-34.14 | PASS |
| 11AX40SISO | Ant1 | 2437 | 0~Reference | -3.26 | -3.26  | ---     | PASS |
| 11AX40SISO | Ant1 | 2437 | 30~1000     | -3.26 | -58.07 | ≤-33.26 | PASS |
| 11AX40SISO | Ant1 | 2437 | 1000~26500  | -3.26 | -43.93 | ≤-33.26 | PASS |
| 11AX40SISO | Ant1 | 2452 | 0~Reference | -3.08 | -3.08  | ---     | PASS |
| 11AX40SISO | Ant1 | 2452 | 30~1000     | -3.08 | -58.46 | ≤-33.08 | PASS |
| 11AX40SISO | Ant1 | 2452 | 1000~26500  | -3.08 | -44.2  | ≤-33.08 | PASS |

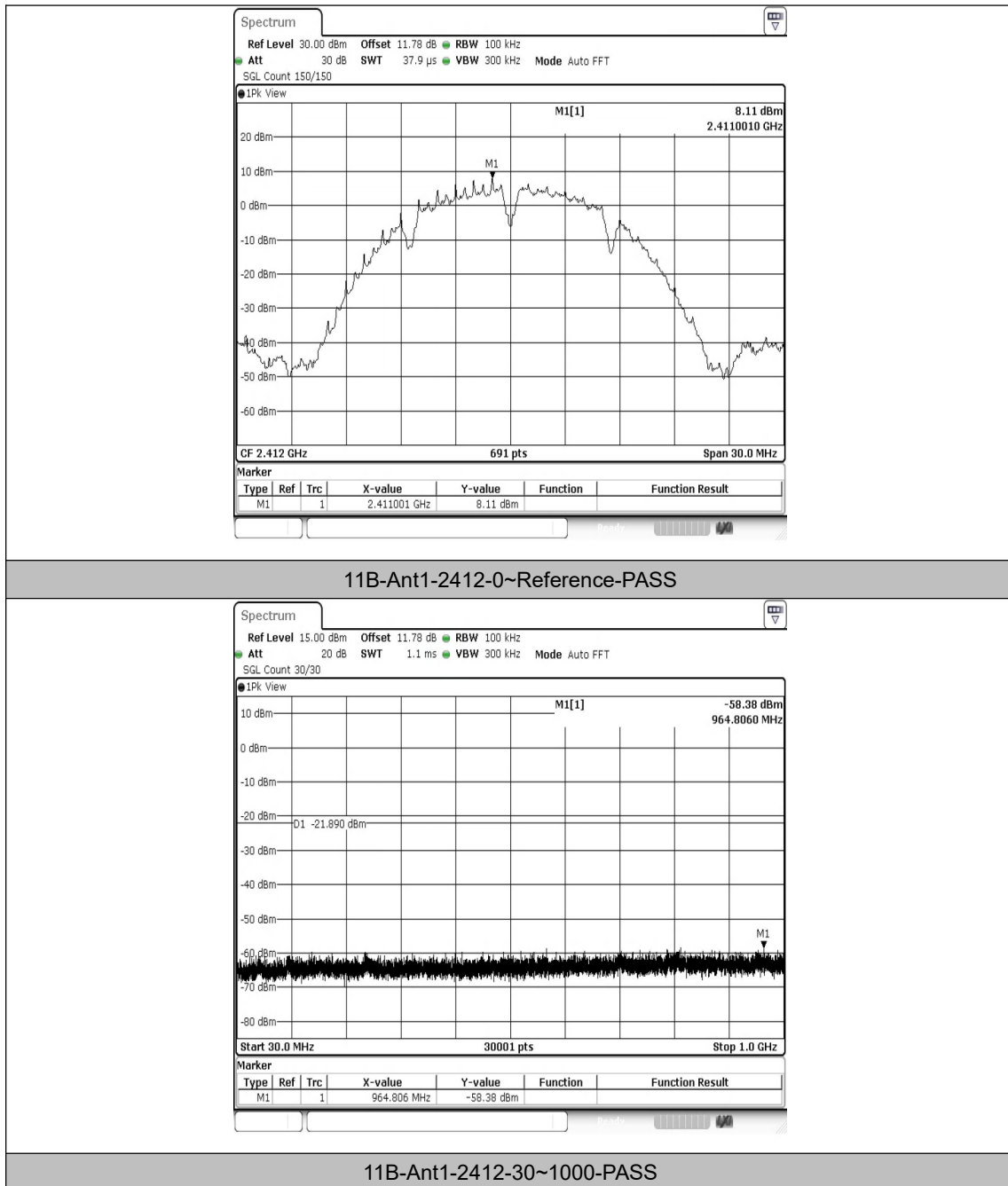
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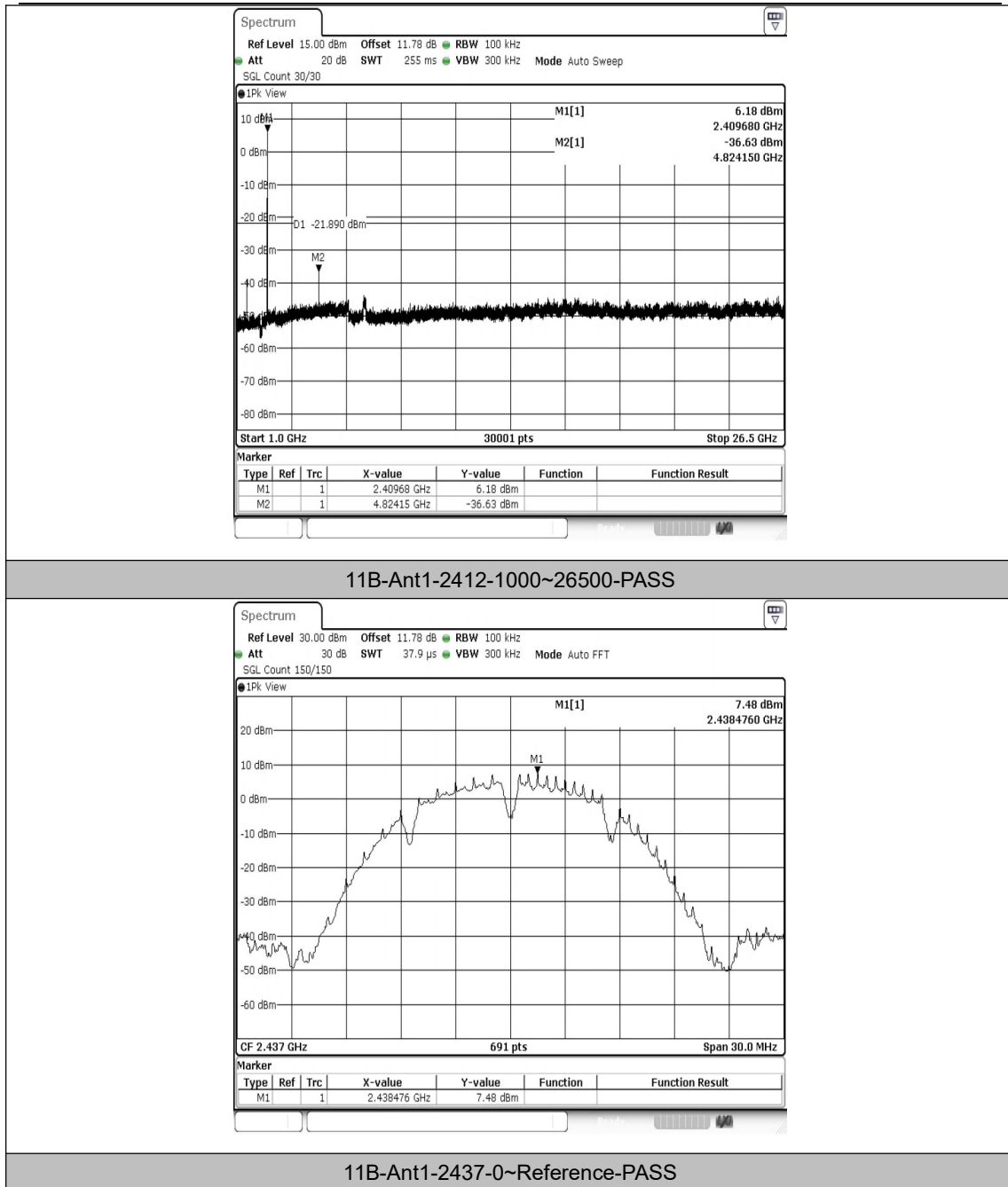
## Test Graphs

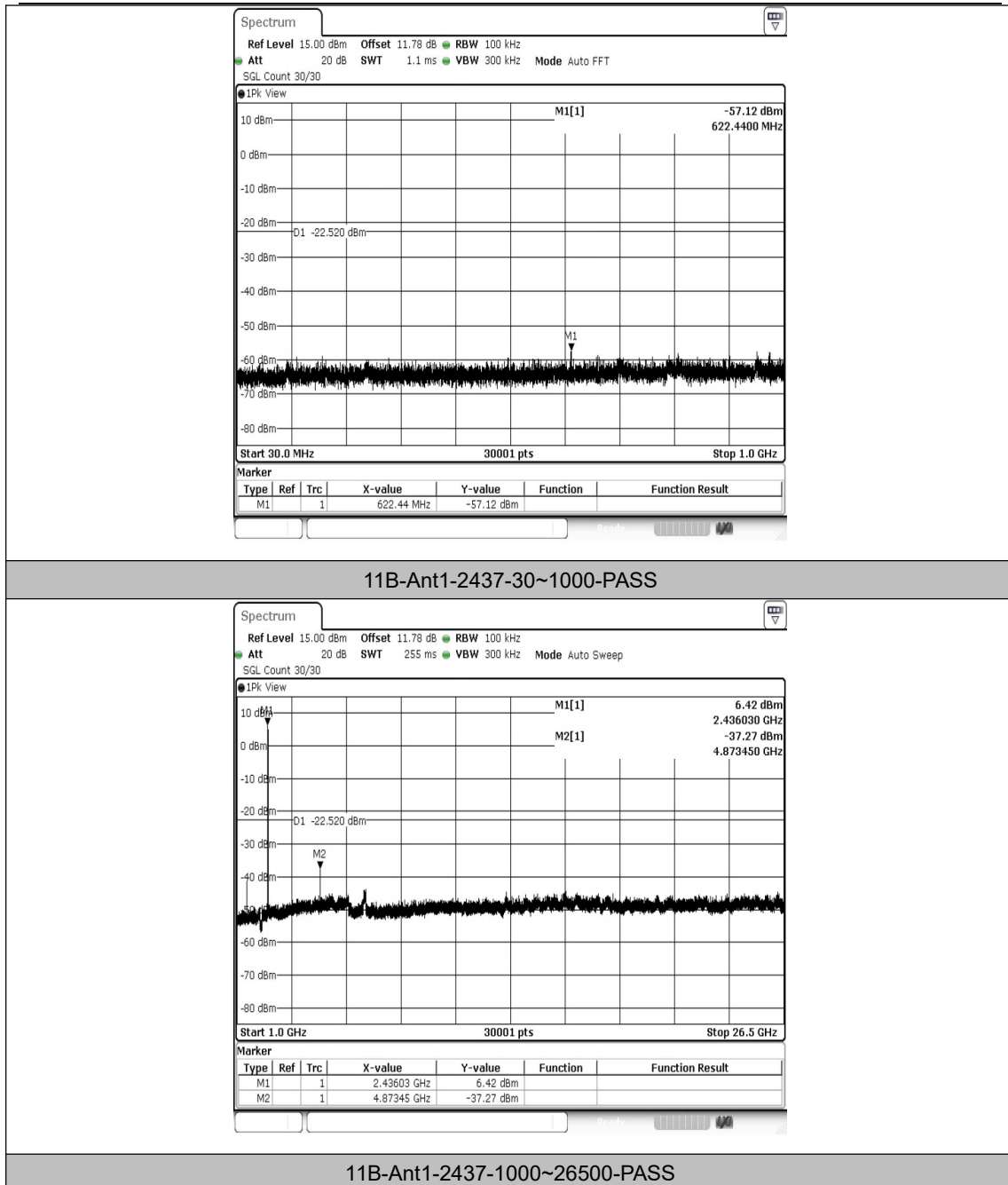


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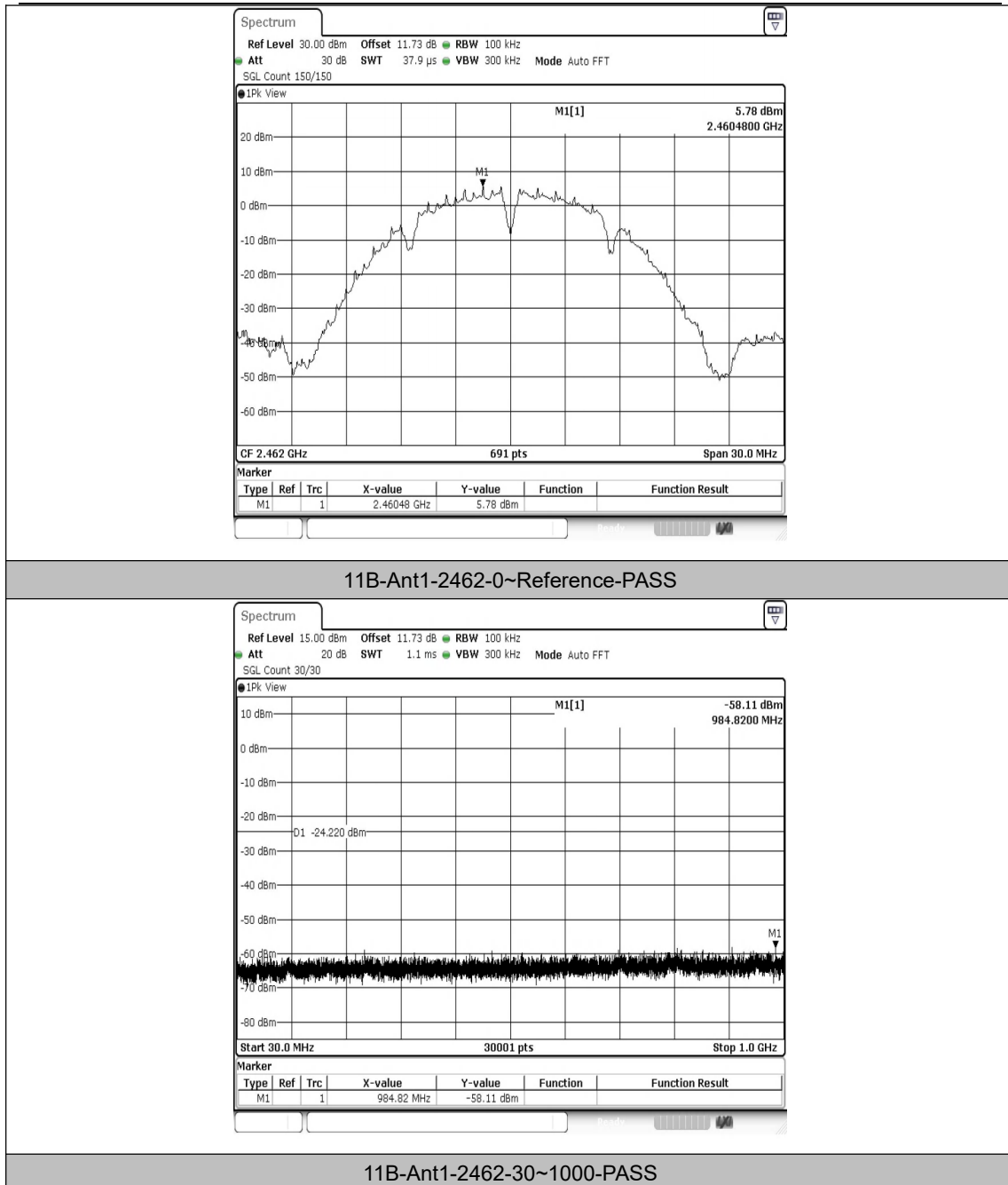




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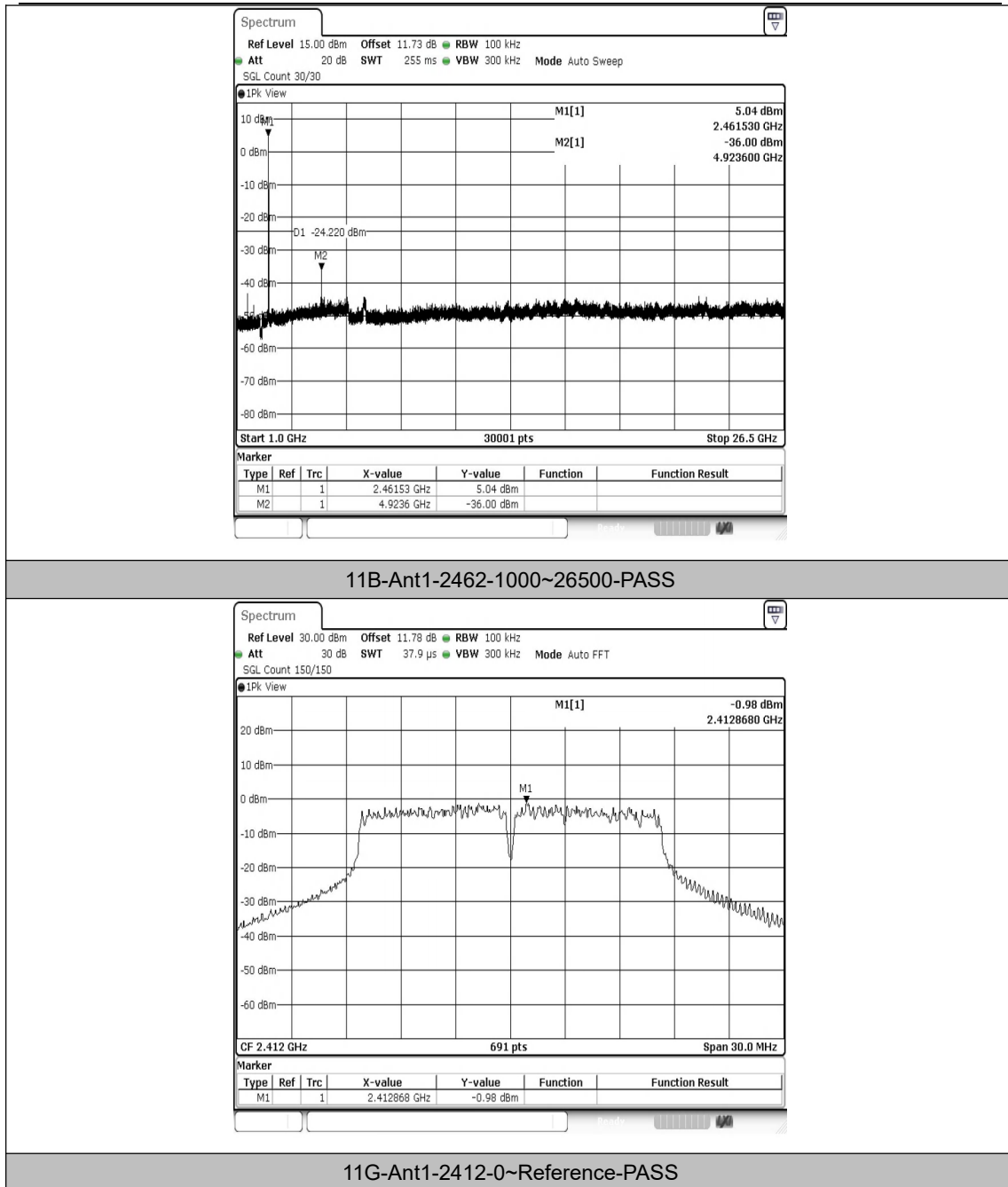
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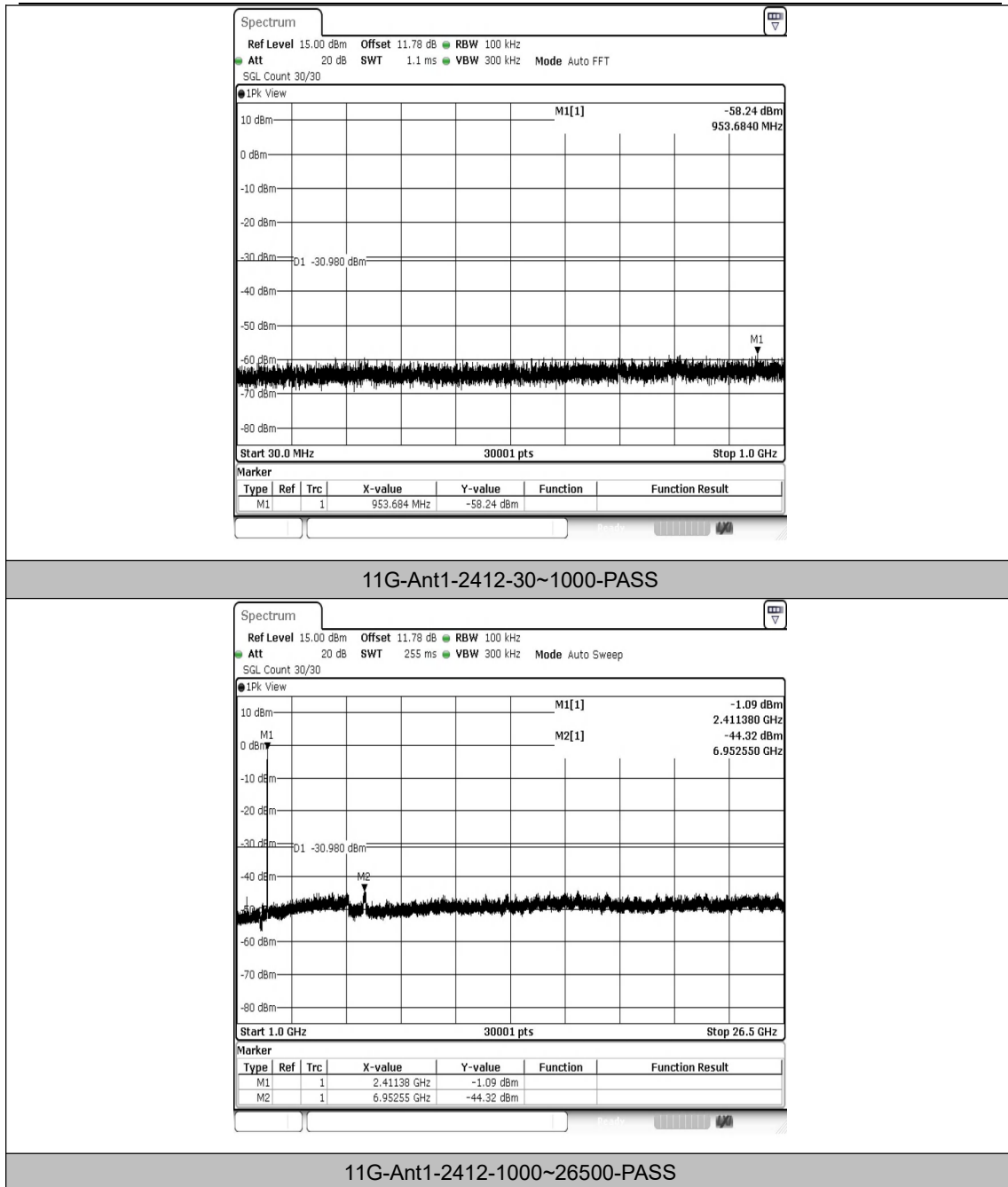
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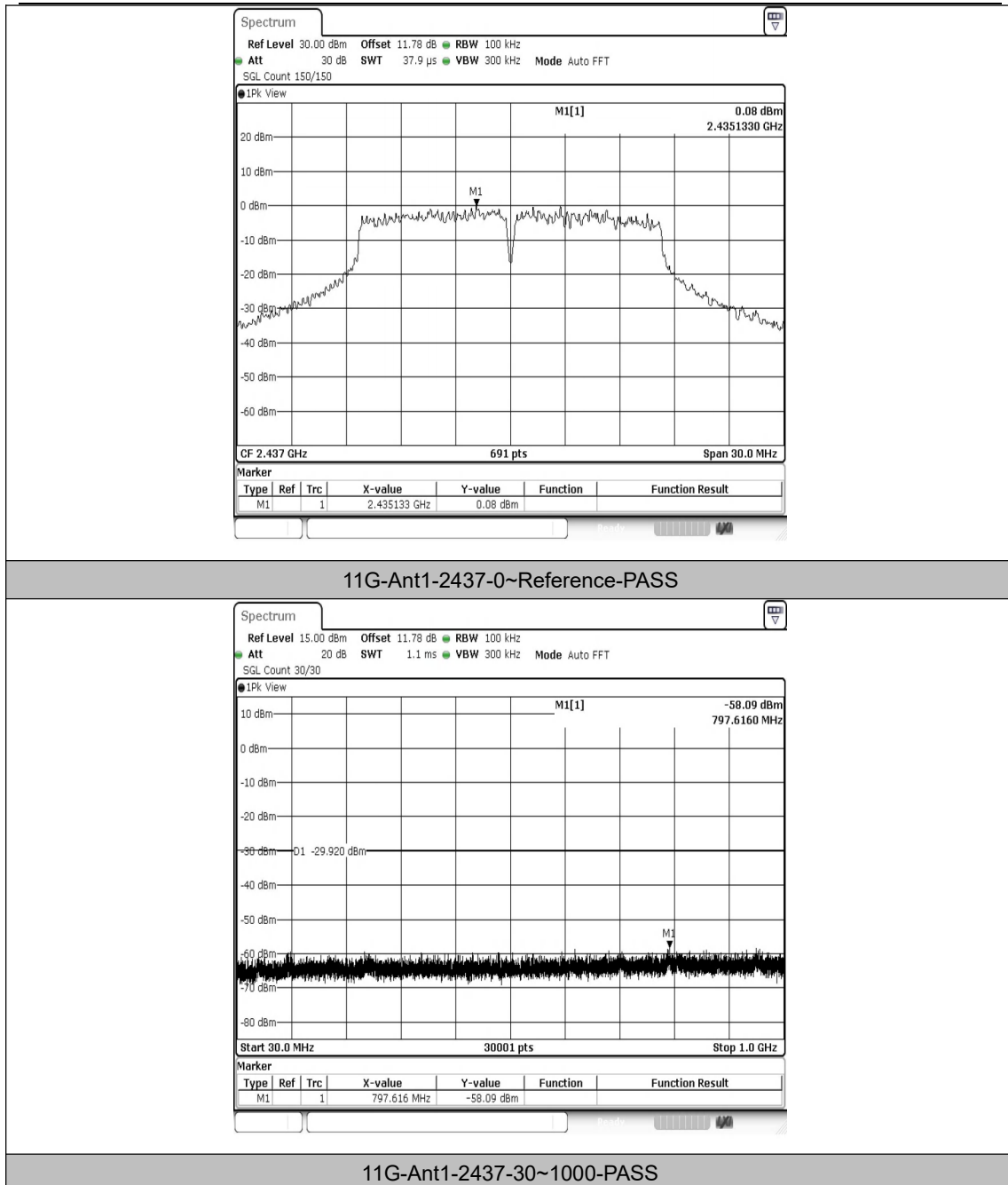
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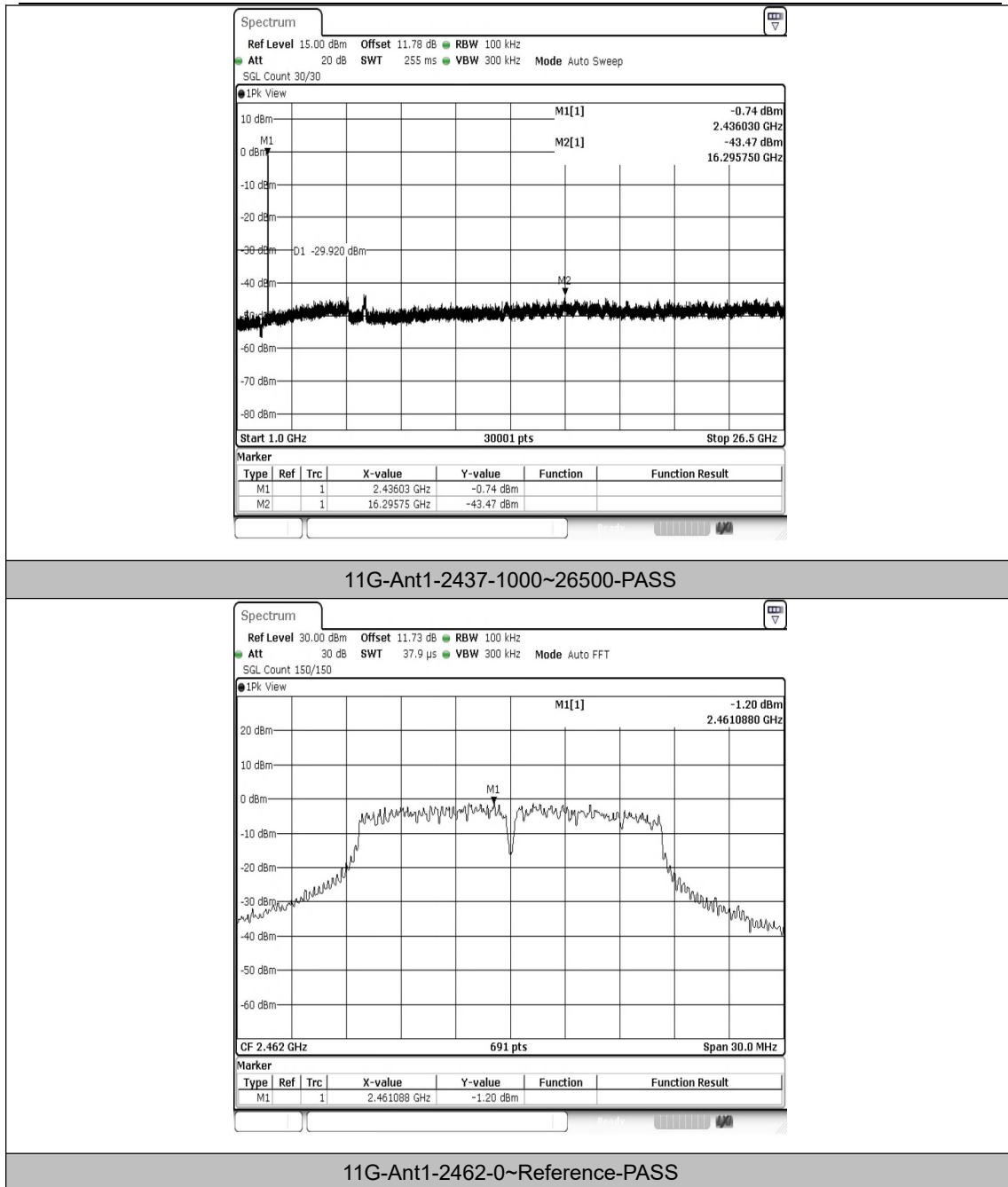


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