



## Appendix D: Maximum power spectral density

### Test Result

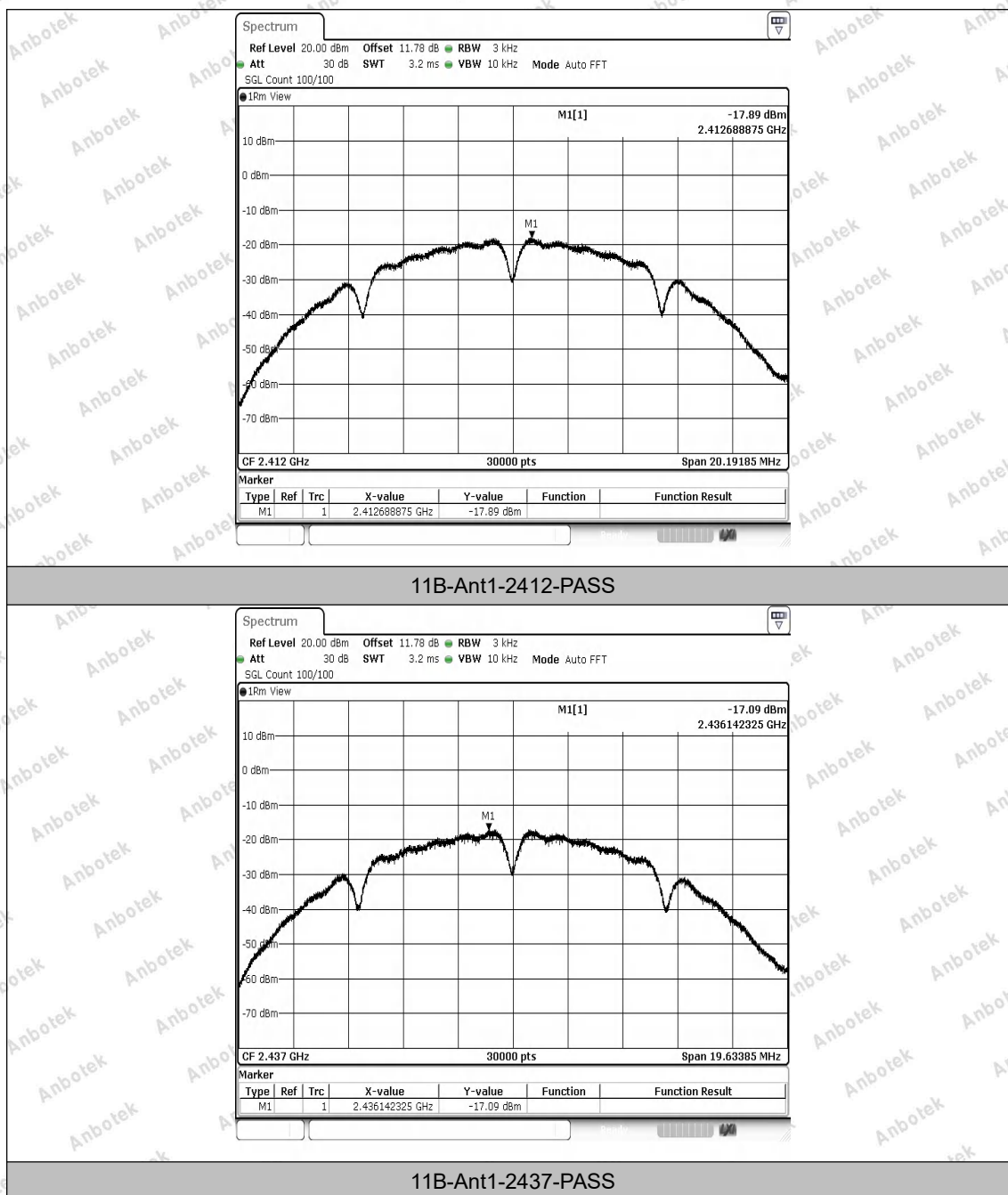
| TestMode   | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|------------|---------|----------------|----------------------|-----------------|---------|
| 11B        | Ant1    | 2412           | -17.89               | ≤8.00           | PASS    |
| 11B        | Ant1    | 2437           | -17.09               | ≤8.00           | PASS    |
| 11B        | Ant1    | 2462           | -19.61               | ≤8.00           | PASS    |
| 11G        | Ant1    | 2412           | -19.65               | ≤8.00           | PASS    |
| 11G        | Ant1    | 2437           | -18.94               | ≤8.00           | PASS    |
| 11G        | Ant1    | 2462           | -18.54               | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2412           | -19.27               | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2437           | -19.15               | ≤8.00           | PASS    |
| 11N20SISO  | Ant1    | 2462           | -18.87               | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2422           | -22.21               | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2437           | -21.55               | ≤8.00           | PASS    |
| 11N40SISO  | Ant1    | 2452           | -23.92               | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2412           | -20.44               | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2437           | -20.54               | ≤8.00           | PASS    |
| 11AX20SISO | Ant1    | 2462           | -20.25               | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2422           | -23.39               | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2437           | -22.51               | ≤8.00           | PASS    |
| 11AX40SISO | Ant1    | 2452           | -24.72               | ≤8.00           | PASS    |

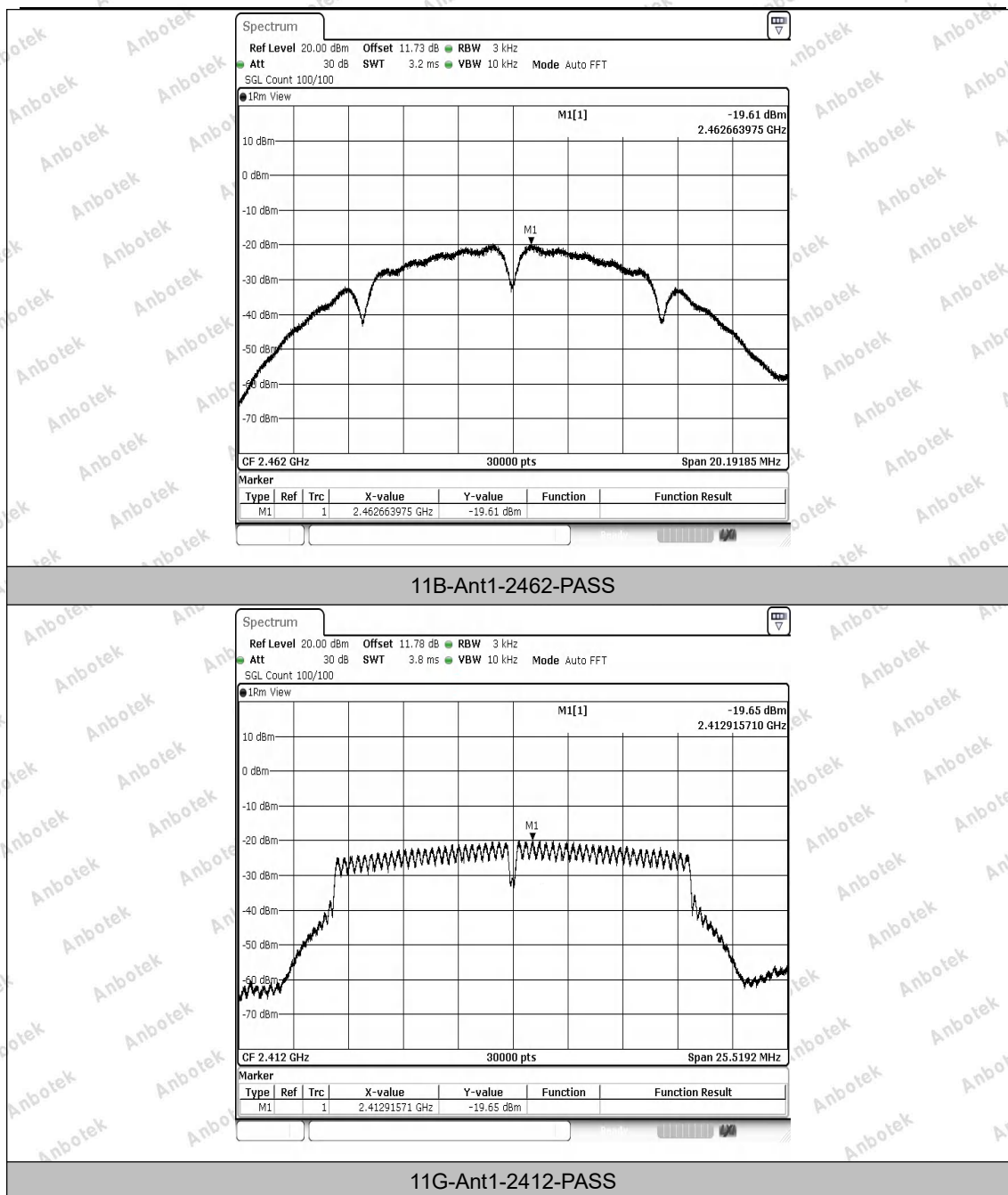
Note:

1. The Duty Cycle Factor( $10 \cdot \log(1/D)$ ) and cable loss are compensated in the graph.



## Test Graphs





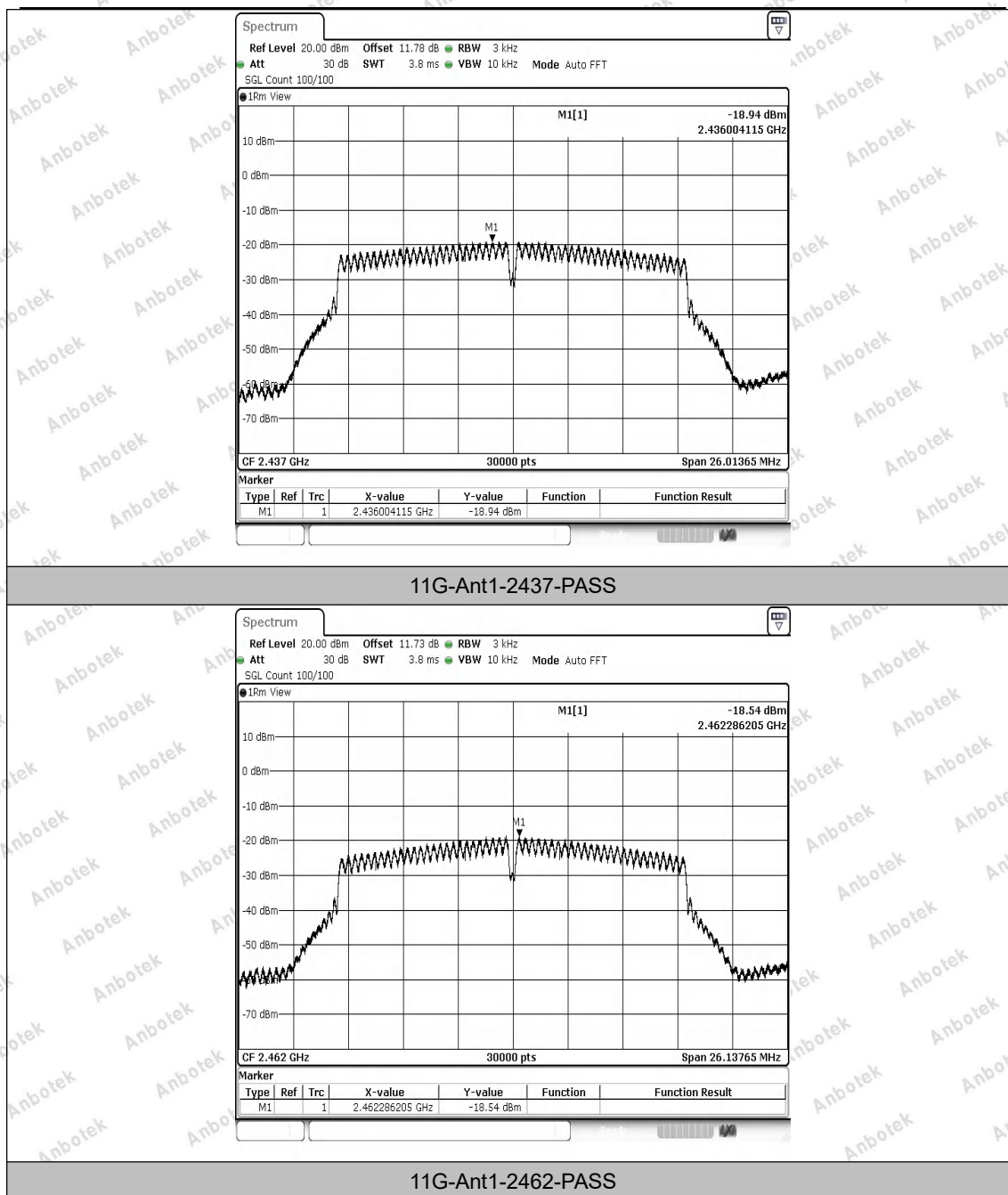
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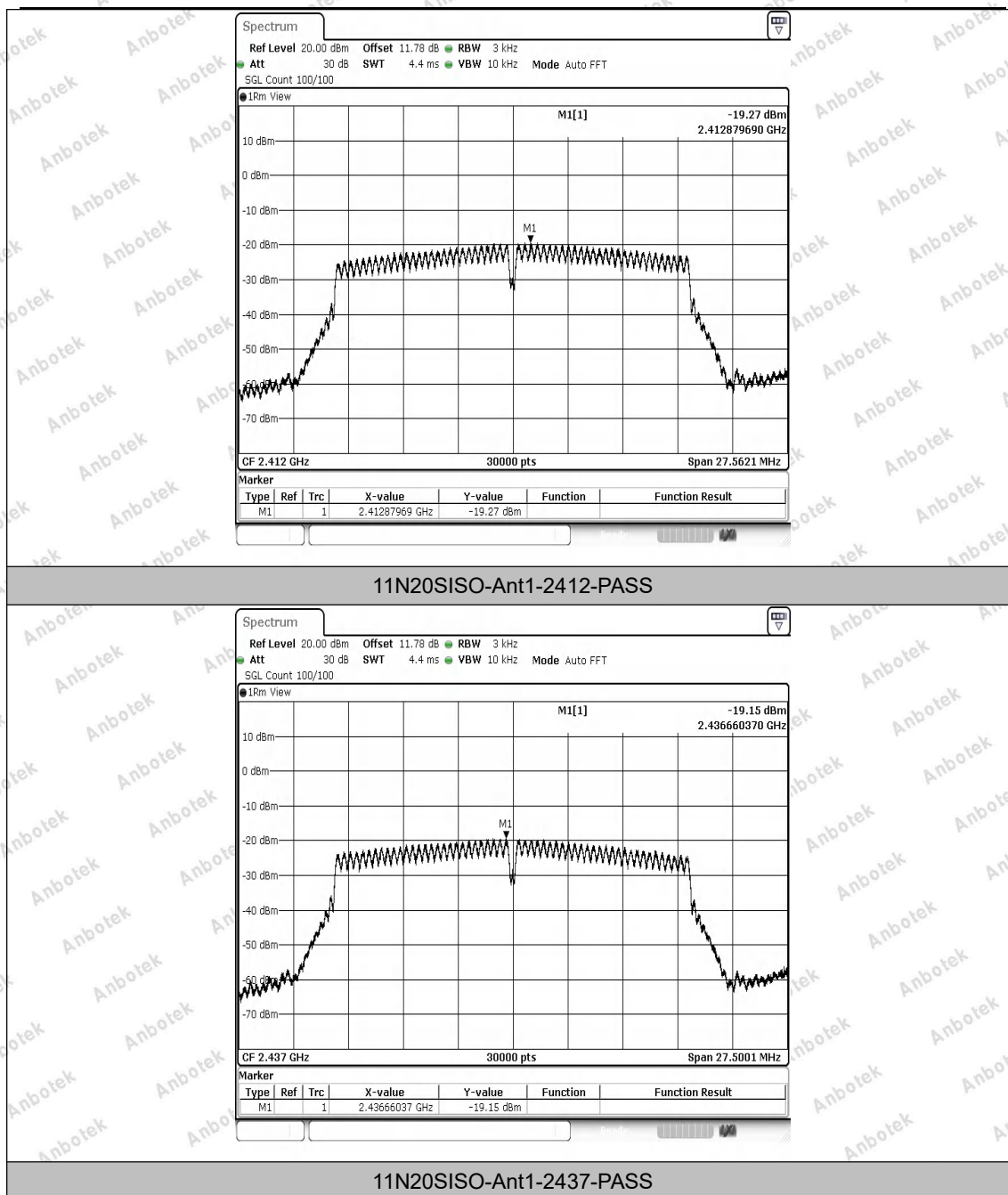
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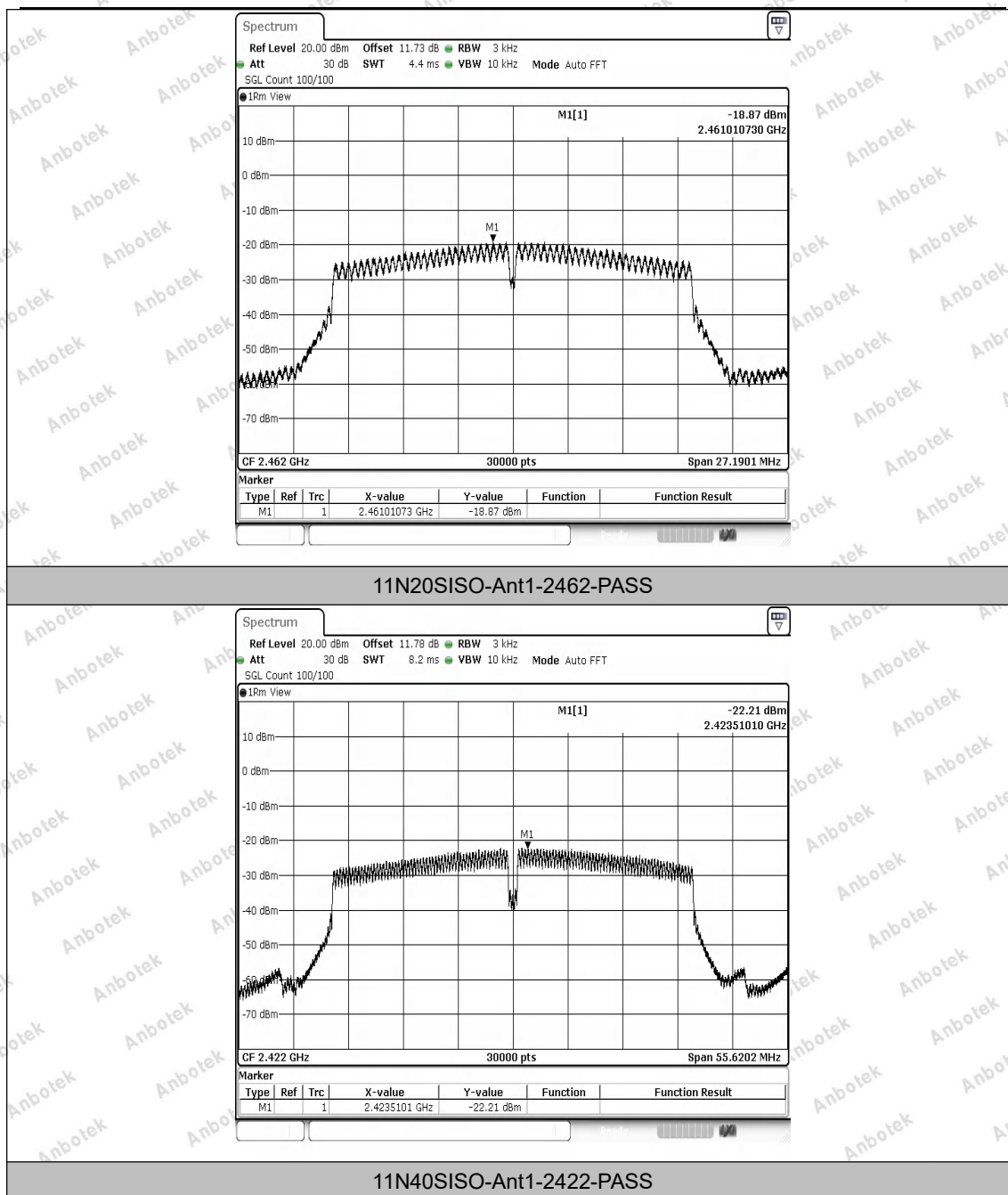
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,  
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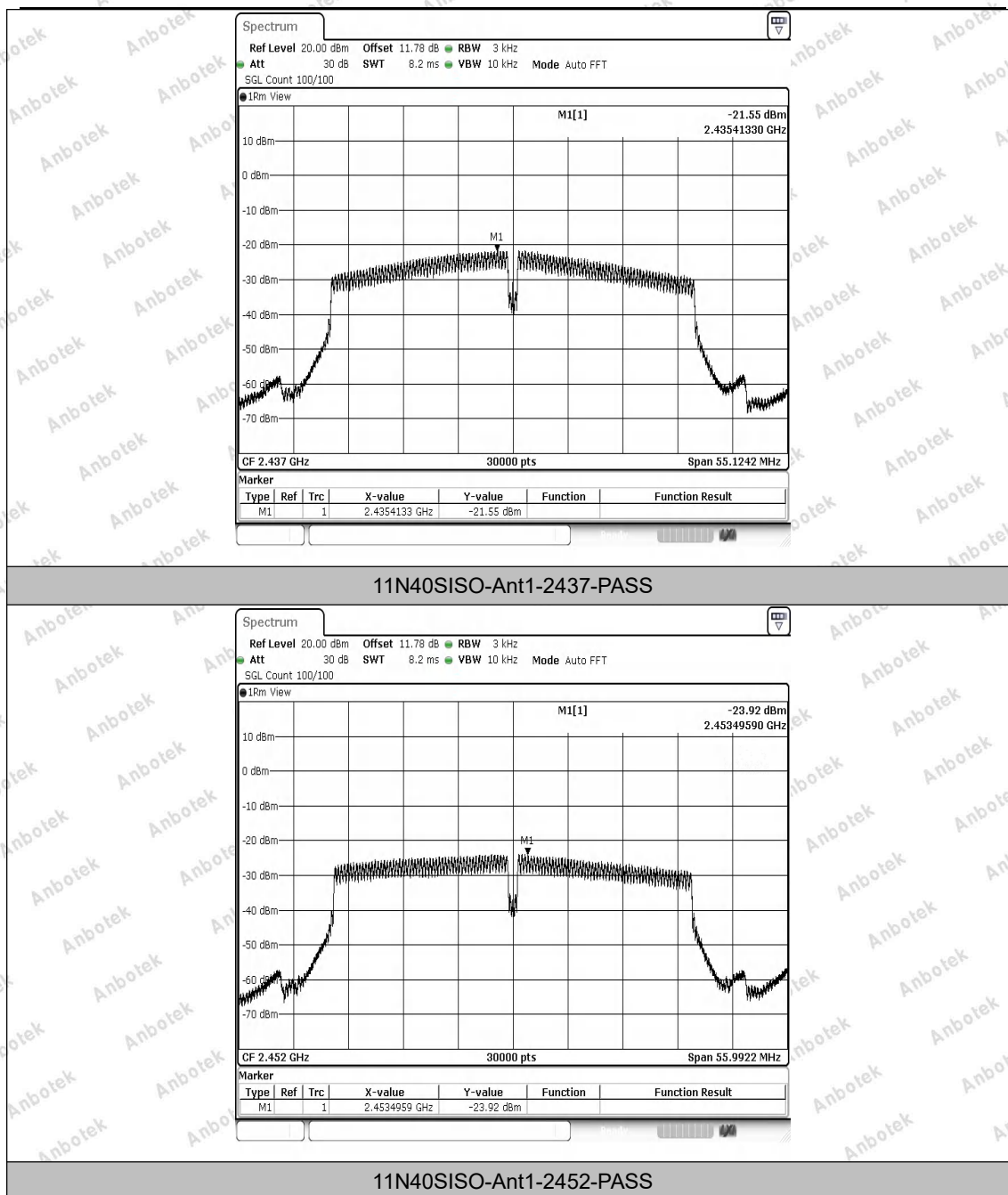
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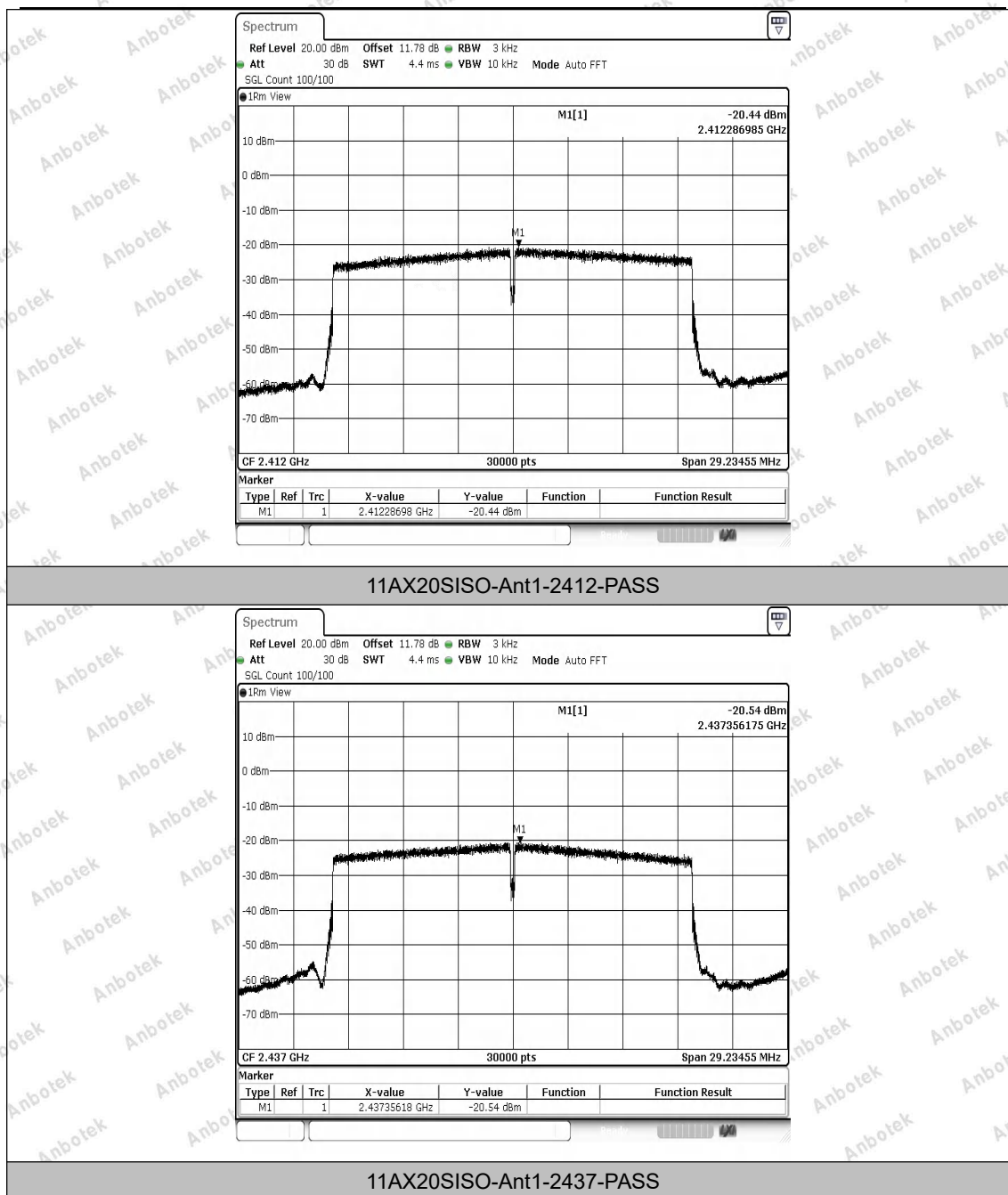
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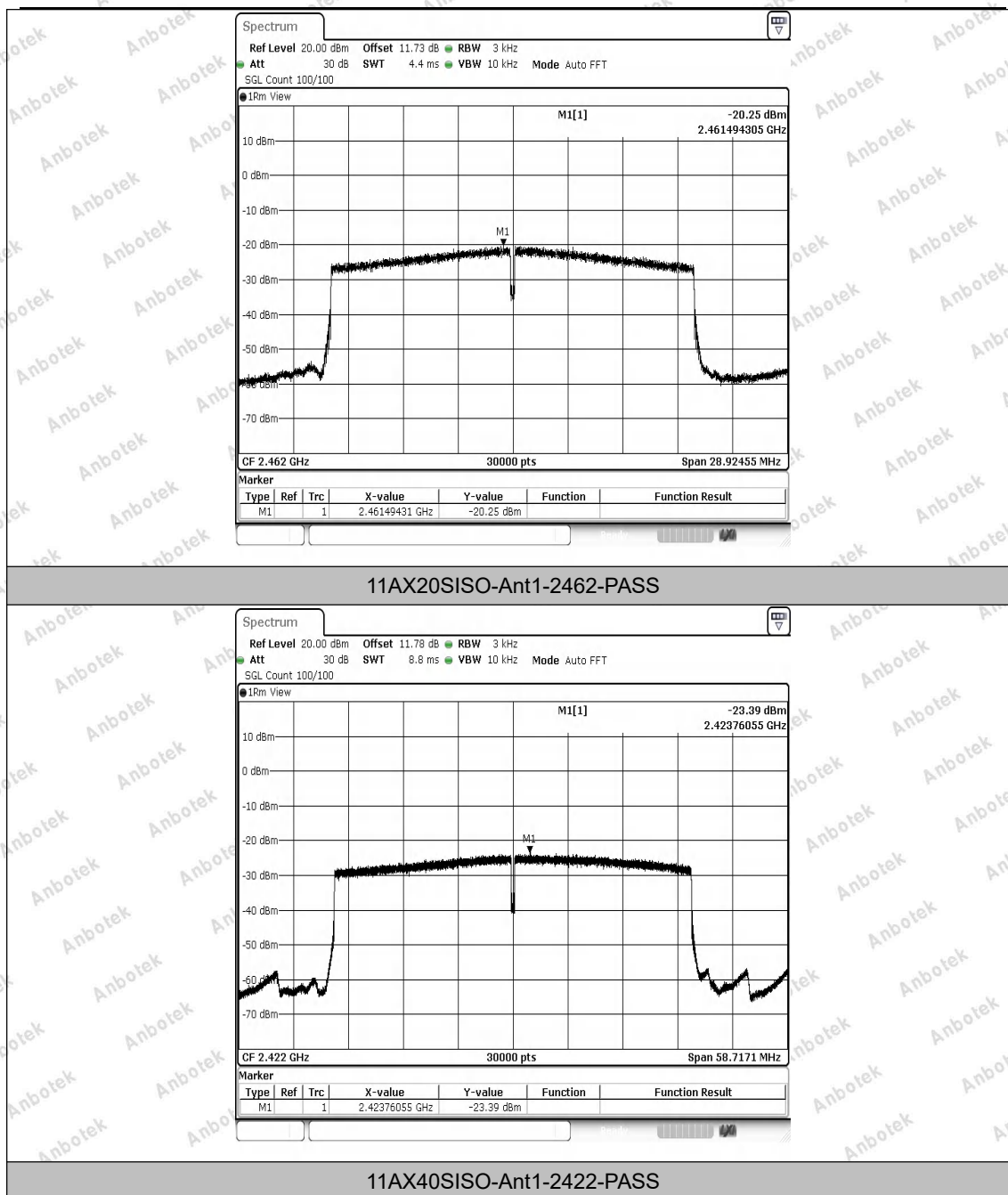


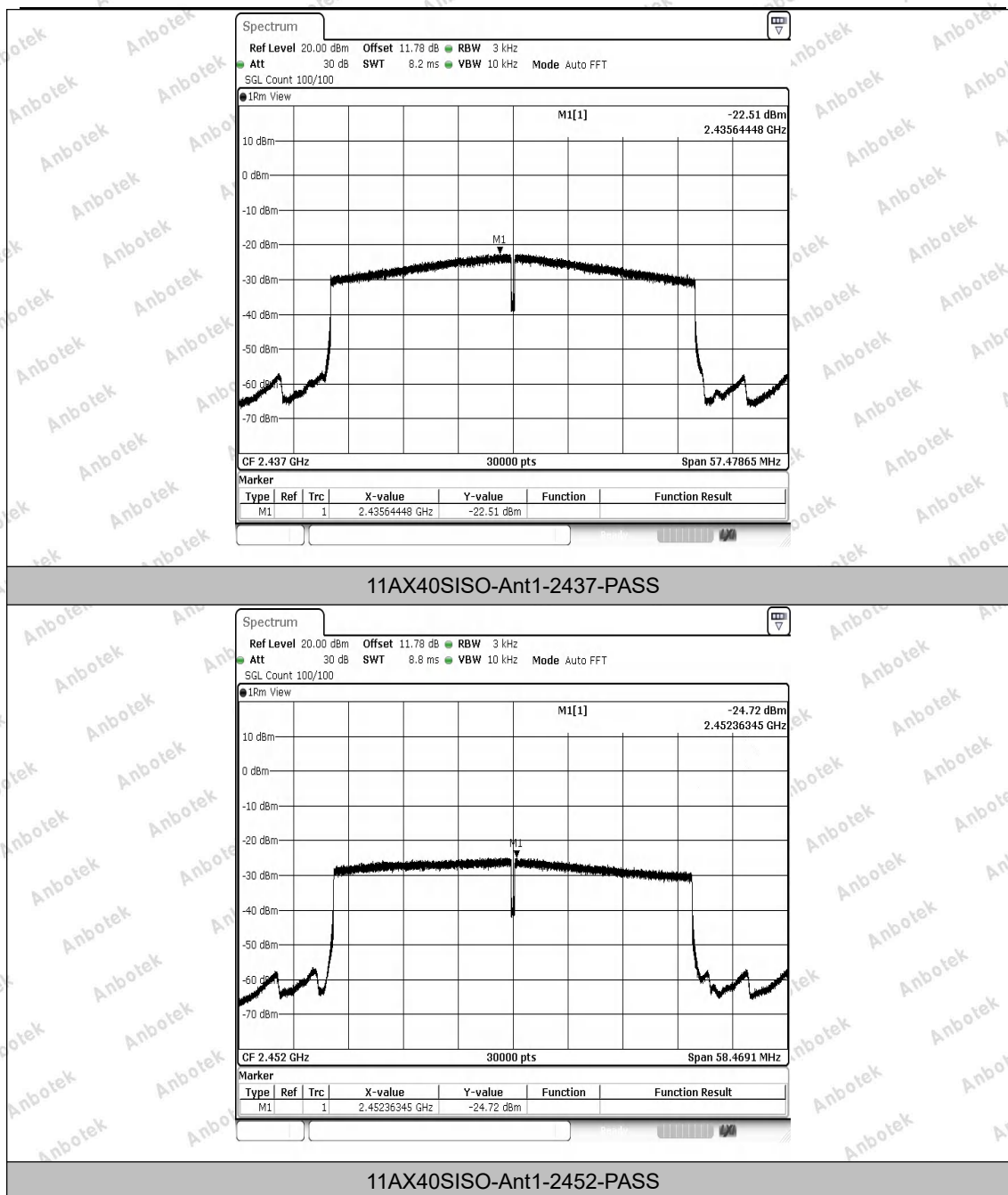
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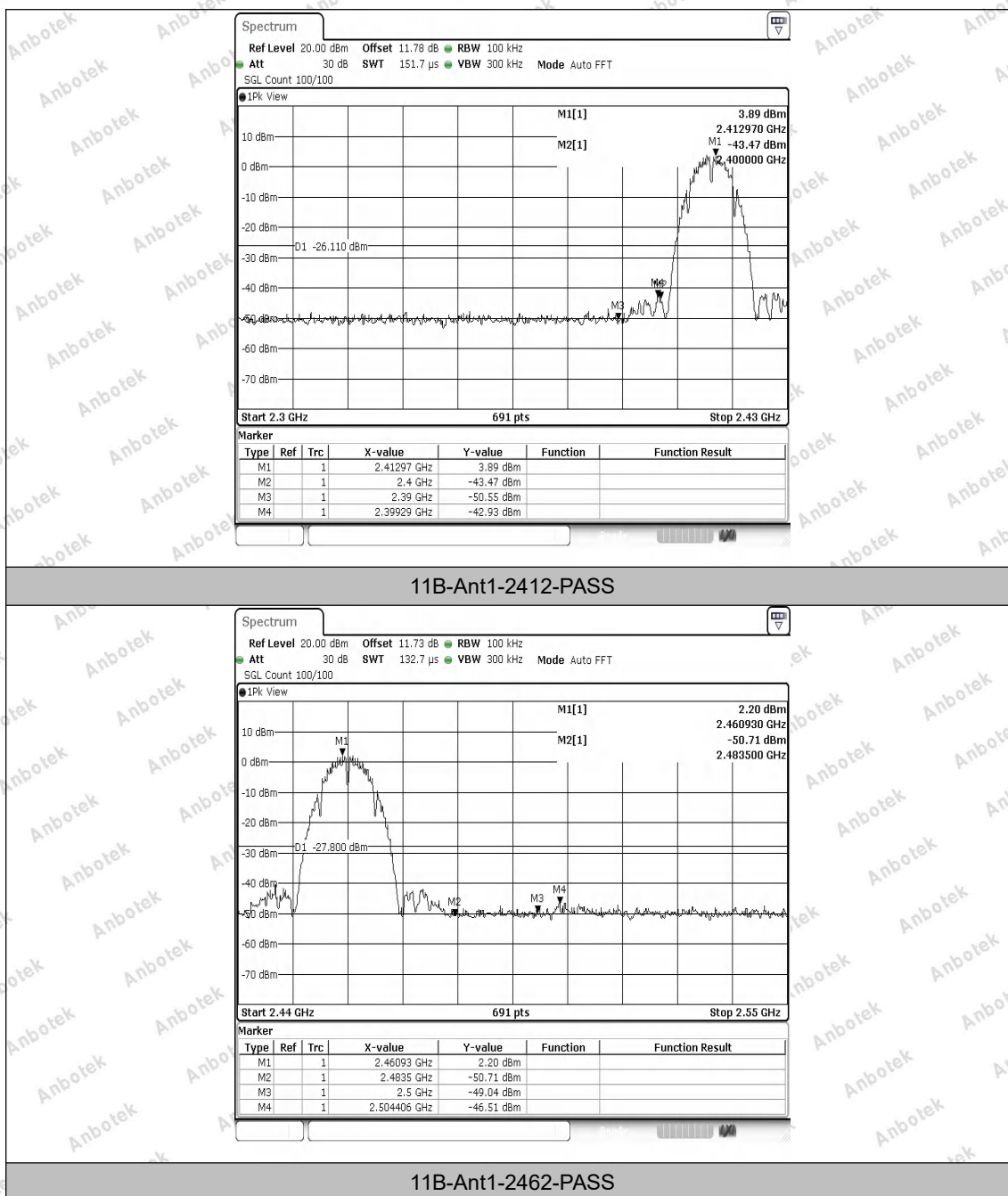
## Appendix F: Band edge measurements

### Test Result

| TestMode   | Antenna | ChName | Frequency<br>[MHz] | RefLevel<br>[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|--------------------|-------------------|-------------|------------|---------|
| 11B        | Ant1    | Low    | 2412               | 3.89              | -42.93      | ≤-26.11    | PASS    |
| 11B        | Ant1    | High   | 2462               | 2.20              | -46.51      | ≤-27.8     | PASS    |
| 11G        | Ant1    | Low    | 2412               | -0.45             | -39.30      | ≤-30.45    | PASS    |
| 11G        | Ant1    | High   | 2462               | 0.92              | -44.11      | ≤-29.08    | PASS    |
| 11N20SISO  | Ant1    | Low    | 2412               | 0.28              | -35.03      | ≤-29.72    | PASS    |
| 11N20SISO  | Ant1    | High   | 2462               | 0.57              | -39.03      | ≤-29.43    | PASS    |
| 11N40SISO  | Ant1    | Low    | 2422               | -2.29             | -37.87      | ≤-32.29    | PASS    |
| 11N40SISO  | Ant1    | High   | 2452               | -3.87             | -43.24      | ≤-33.87    | PASS    |
| 11AX20SISO | Ant1    | Low    | 2412               | 1.41              | -37.19      | ≤-28.59    | PASS    |
| 11AX20SISO | Ant1    | High   | 2462               | 0.73              | -42.92      | ≤-29.27    | PASS    |
| 11AX40SISO | Ant1    | Low    | 2422               | -2.94             | -38.02      | ≤-32.94    | PASS    |
| 11AX40SISO | Ant1    | High   | 2452               | -3.25             | -42.20      | ≤-33.25    | PASS    |



## Test Graphs



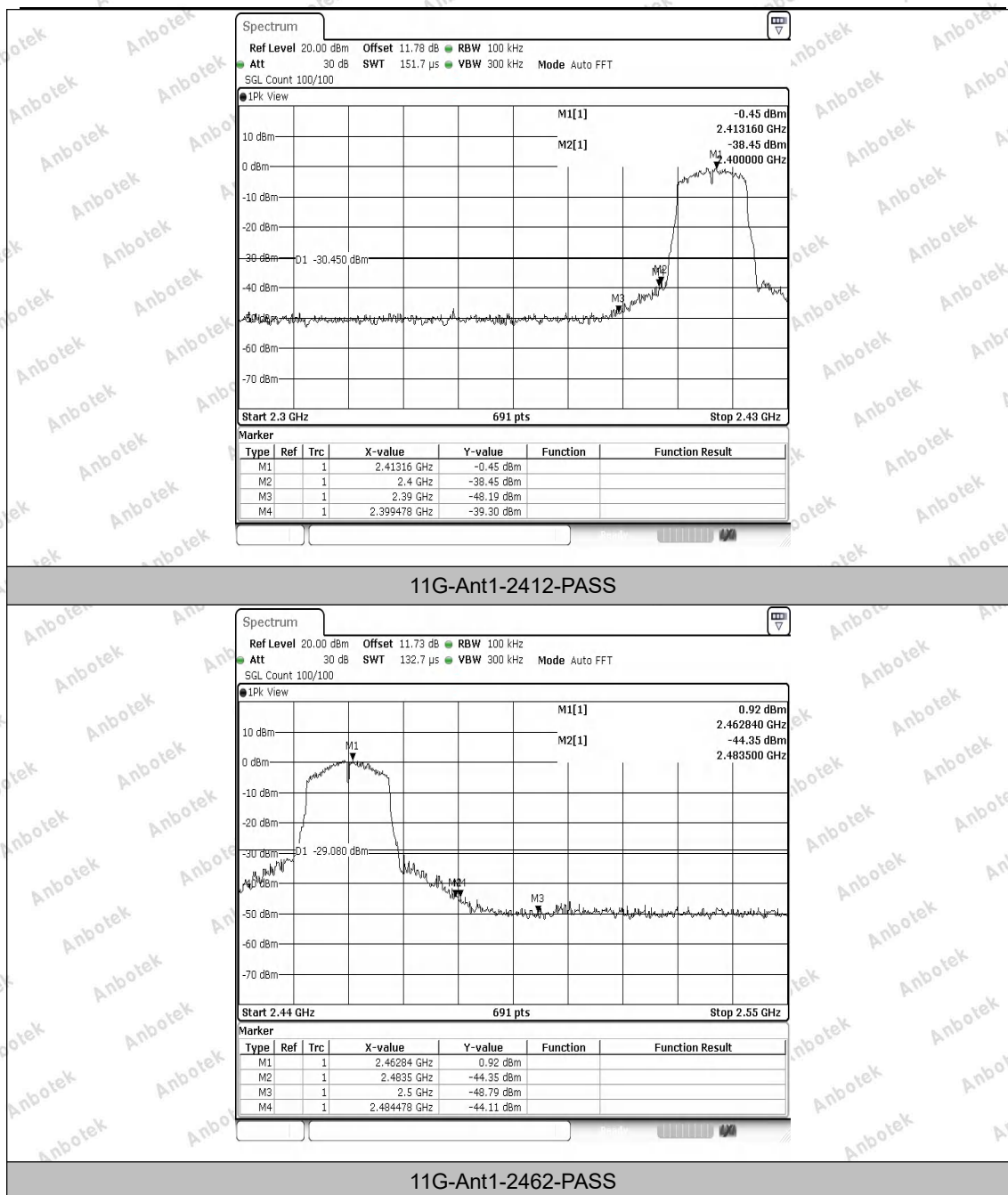
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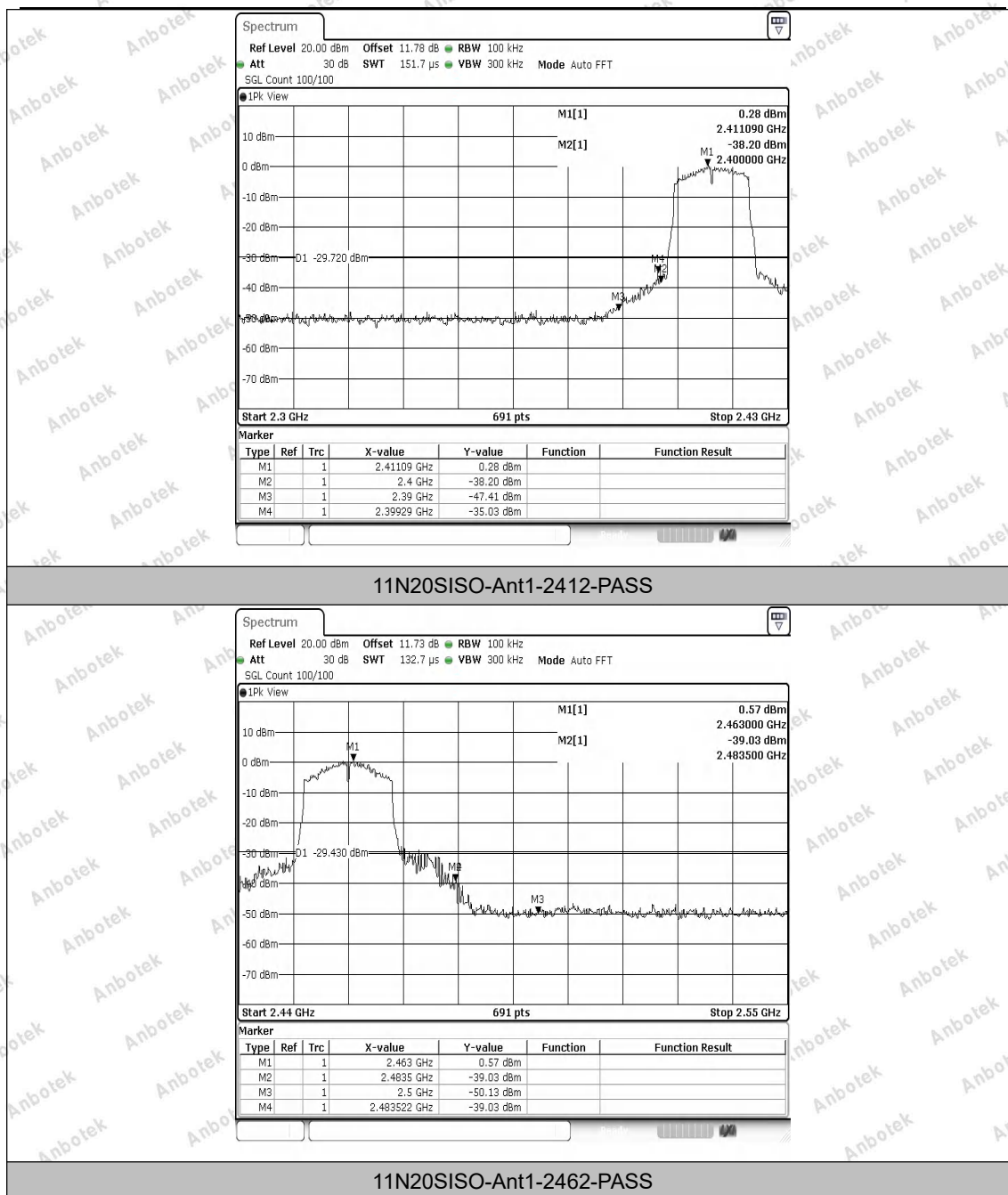
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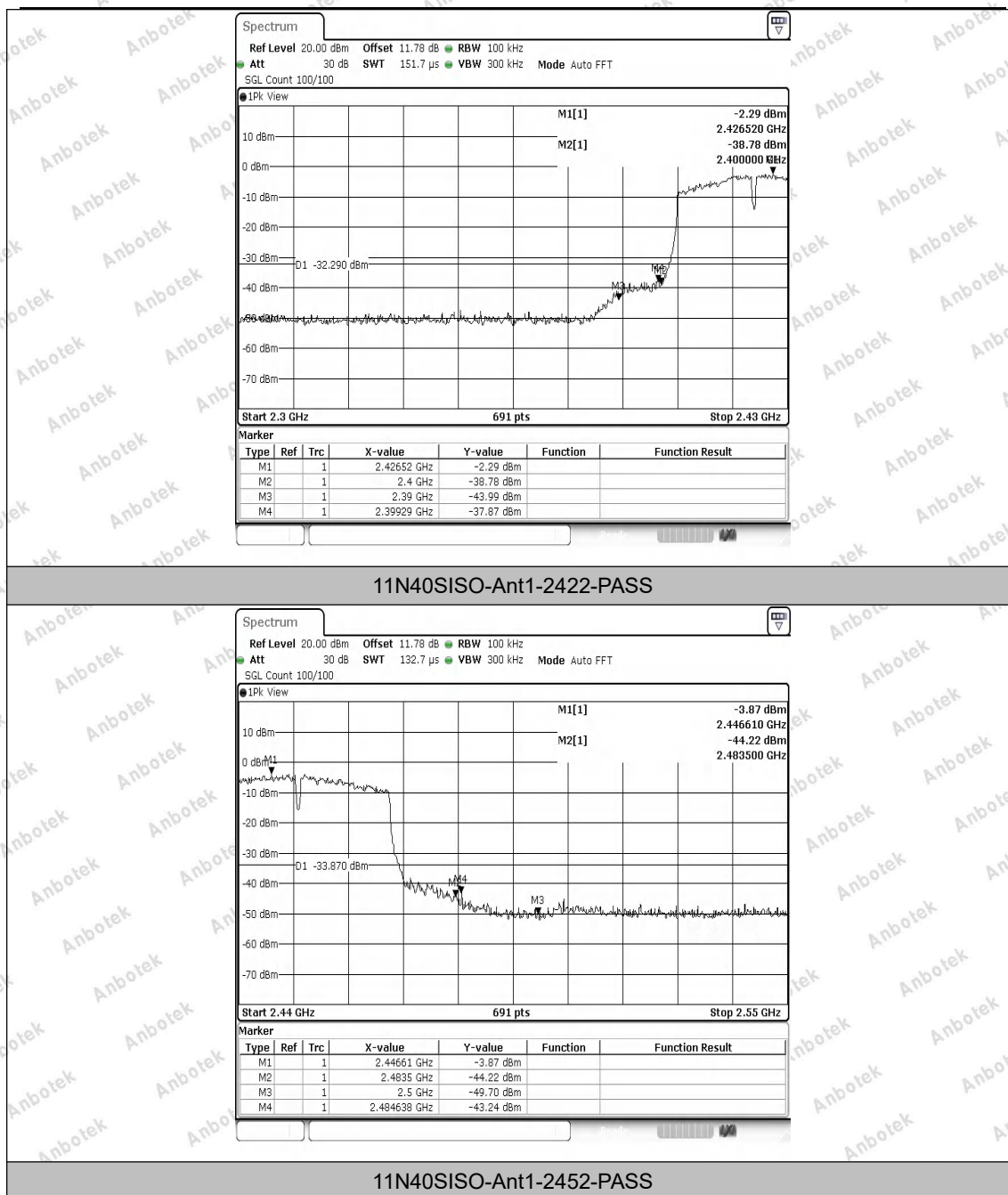


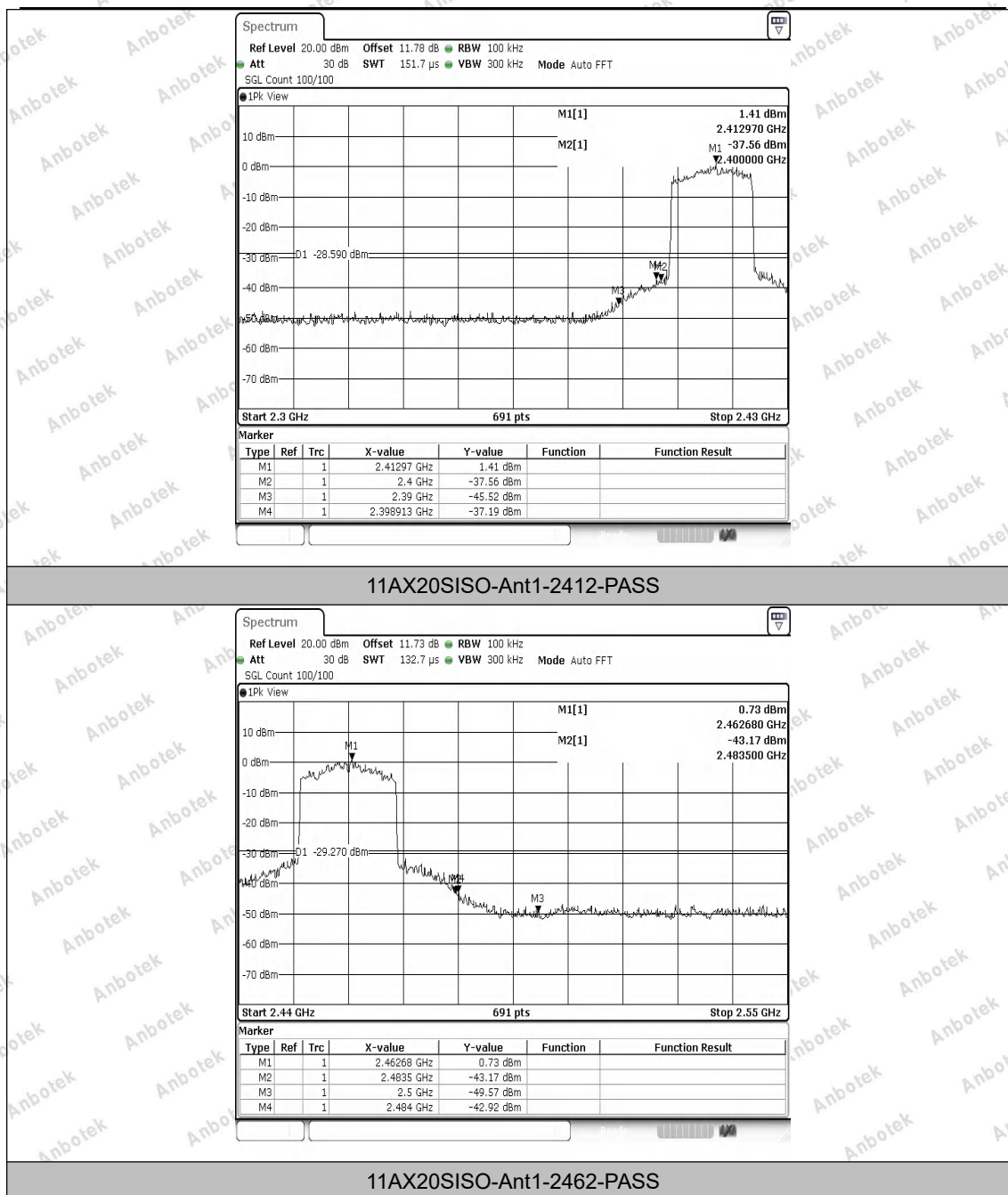
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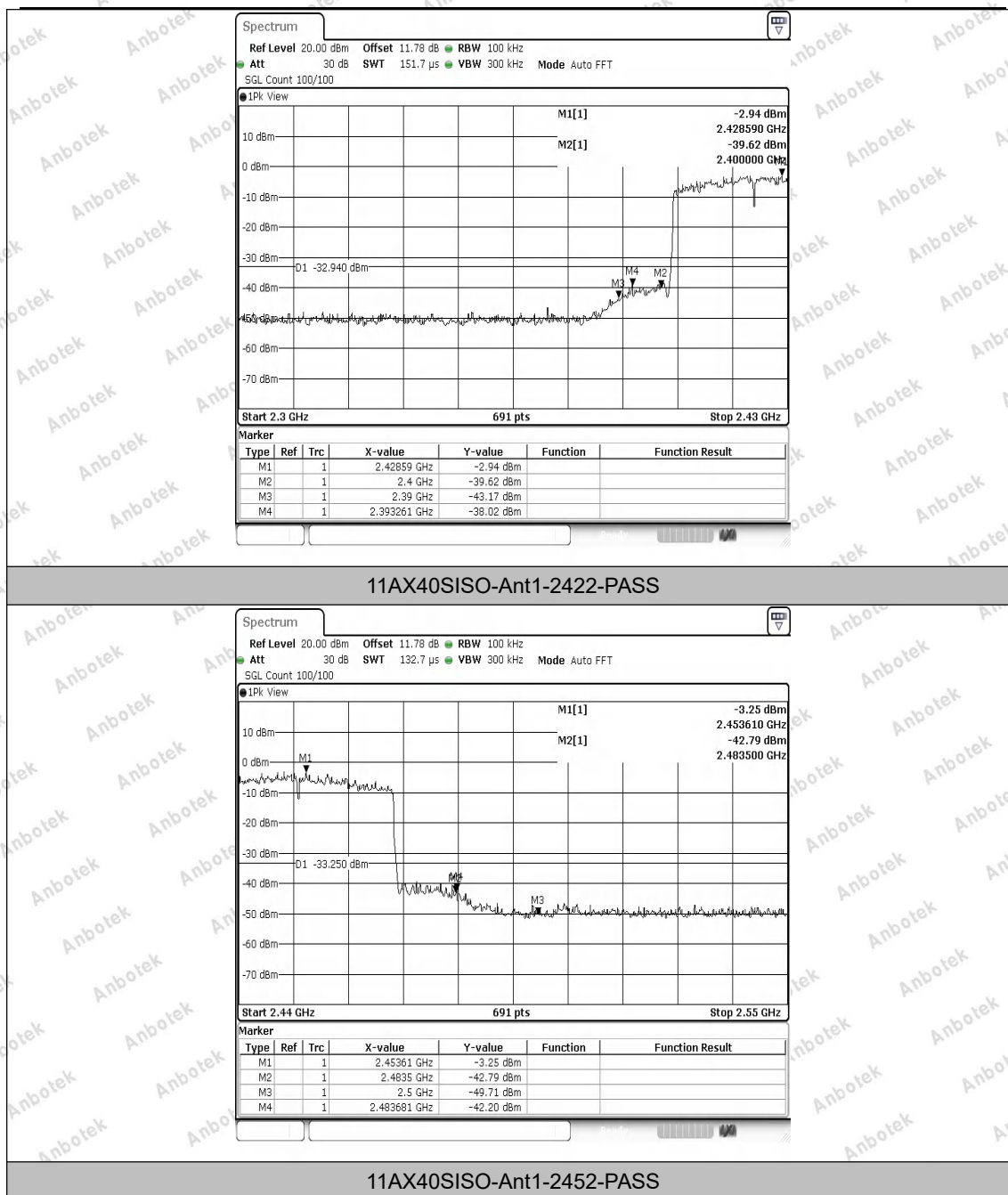












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## Appendix G: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B        | Ant1    | 2412           | 0~Reference     | 1.91           | 1.91         | ---         | PASS    |
| 11B        | Ant1    | 2412           | 30~1000         | 1.91           | -57.97       | ≤-28.09     | PASS    |
| 11B        | Ant1    | 2412           | 1000~26500      | 1.91           | -44.17       | ≤-28.09     | PASS    |
| 11B        | Ant1    | 2437           | 0~Reference     | 3.70           | 3.70         | ---         | PASS    |
| 11B        | Ant1    | 2437           | 30~1000         | 3.70           | -57.61       | ≤-26.3      | PASS    |
| 11B        | Ant1    | 2437           | 1000~26500      | 3.70           | -43.58       | ≤-26.3      | PASS    |
| 11B        | Ant1    | 2462           | 0~Reference     | -0.44          | -0.44        | ---         | PASS    |
| 11B        | Ant1    | 2462           | 30~1000         | -0.44          | -57.11       | ≤-30.44     | PASS    |
| 11B        | Ant1    | 2462           | 1000~26500      | -0.44          | -43.62       | ≤-30.44     | PASS    |
| 11G        | Ant1    | 2412           | 0~Reference     | -0.56          | -0.56        | ---         | PASS    |
| 11G        | Ant1    | 2412           | 30~1000         | -0.56          | -58.16       | ≤-30.56     | PASS    |
| 11G        | Ant1    | 2412           | 1000~26500      | -0.56          | -43.41       | ≤-30.56     | PASS    |
| 11G        | Ant1    | 2437           | 0~Reference     | 0.35           | 0.35         | ---         | PASS    |
| 11G        | Ant1    | 2437           | 30~1000         | 0.35           | -56.97       | ≤-29.65     | PASS    |
| 11G        | Ant1    | 2437           | 1000~26500      | 0.35           | -43.61       | ≤-29.65     | PASS    |
| 11G        | Ant1    | 2462           | 0~Reference     | 0.35           | 0.35         | ---         | PASS    |
| 11G        | Ant1    | 2462           | 30~1000         | 0.35           | -57.78       | ≤-29.65     | PASS    |
| 11G        | Ant1    | 2462           | 1000~26500      | 0.35           | -43.8        | ≤-29.65     | PASS    |
| 11N20SISO  | Ant1    | 2412           | 0~Reference     | -0.12          | -0.12        | ---         | PASS    |
| 11N20SISO  | Ant1    | 2412           | 30~1000         | -0.12          | -58.34       | ≤-30.12     | PASS    |
| 11N20SISO  | Ant1    | 2412           | 1000~26500      | -0.12          | -43.38       | ≤-30.12     | PASS    |
| 11N20SISO  | Ant1    | 2437           | 0~Reference     | -0.16          | -0.16        | ---         | PASS    |
| 11N20SISO  | Ant1    | 2437           | 30~1000         | -0.16          | -58          | ≤-30.16     | PASS    |
| 11N20SISO  | Ant1    | 2437           | 1000~26500      | -0.16          | -43.84       | ≤-30.16     | PASS    |
| 11N20SISO  | Ant1    | 2462           | 0~Reference     | 0.09           | 0.09         | ---         | PASS    |
| 11N20SISO  | Ant1    | 2462           | 30~1000         | 0.09           | -57.75       | ≤-29.91     | PASS    |
| 11N20SISO  | Ant1    | 2462           | 1000~26500      | 0.09           | -44.03       | ≤-29.91     | PASS    |
| 11N40SISO  | Ant1    | 2422           | 0~Reference     | -2.98          | -2.98        | ---         | PASS    |
| 11N40SISO  | Ant1    | 2422           | 30~1000         | -2.98          | -57.57       | ≤-32.98     | PASS    |
| 11N40SISO  | Ant1    | 2422           | 1000~26500      | -2.98          | -43.16       | ≤-32.98     | PASS    |
| 11N40SISO  | Ant1    | 2437           | 0~Reference     | -2.43          | -2.43        | ---         | PASS    |
| 11N40SISO  | Ant1    | 2437           | 30~1000         | -2.43          | -58.25       | ≤-32.43     | PASS    |
| 11N40SISO  | Ant1    | 2437           | 1000~26500      | -2.43          | -42.74       | ≤-32.43     | PASS    |
| 11N40SISO  | Ant1    | 2452           | 0~Reference     | -4.62          | -4.62        | ---         | PASS    |
| 11N40SISO  | Ant1    | 2452           | 30~1000         | -4.62          | -58.71       | ≤-34.62     | PASS    |
| 11N40SISO  | Ant1    | 2452           | 1000~26500      | -4.62          | -44.3        | ≤-34.62     | PASS    |
| 11AX20SISO | Ant1    | 2412           | 0~Reference     | -1.08          | -1.08        | ---         | PASS    |

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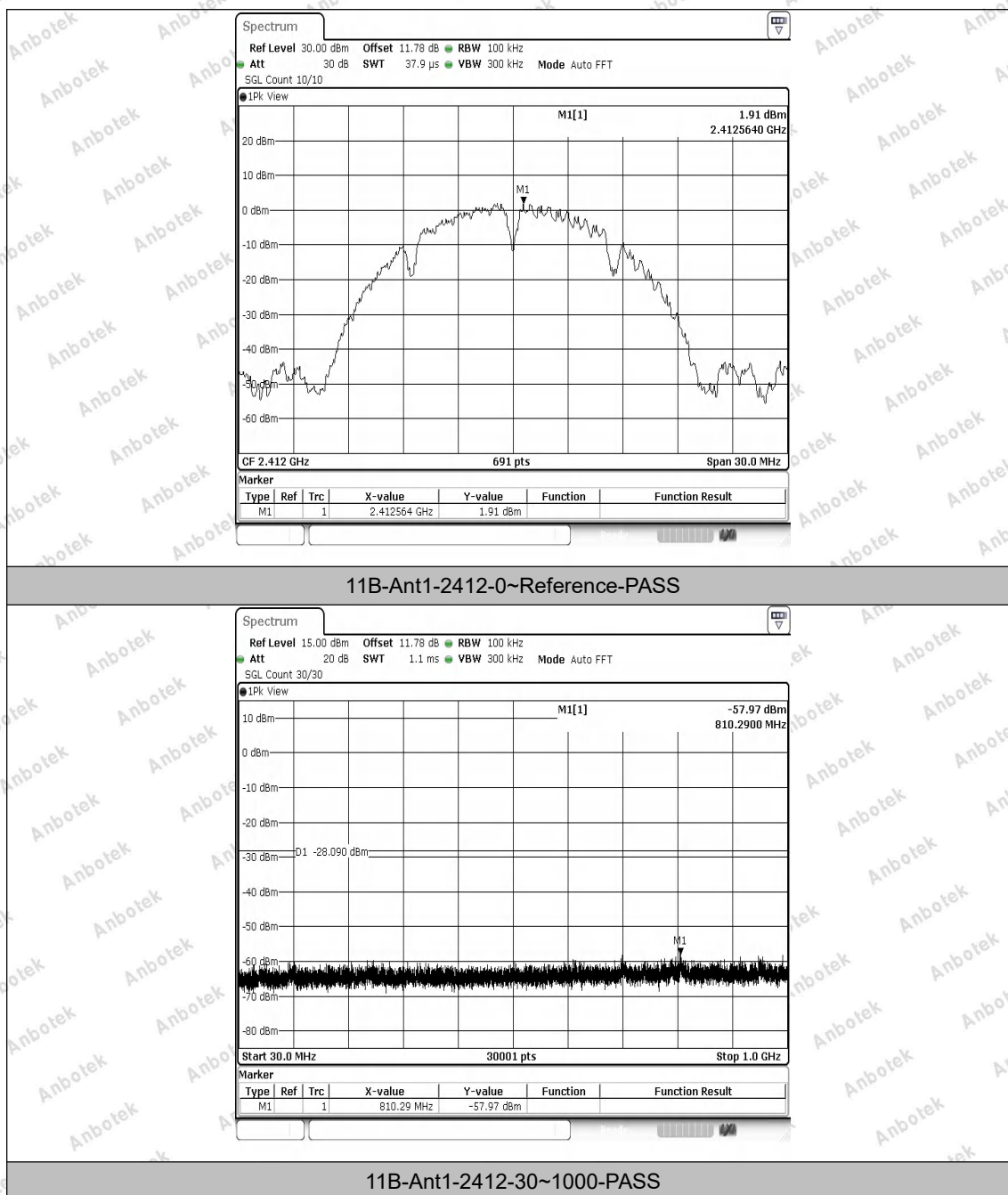
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|            |      |      |             |       |        |         |      |
|------------|------|------|-------------|-------|--------|---------|------|
| 11AX20SISO | Ant1 | 2412 | 30~1000     | -1.08 | -58.05 | ≤-31.08 | PASS |
| 11AX20SISO | Ant1 | 2412 | 1000~26500  | -1.08 | -43.93 | ≤-31.08 | PASS |
| 11AX20SISO | Ant1 | 2437 | 0~Reference | -0.49 | -0.49  | ---     | PASS |
| 11AX20SISO | Ant1 | 2437 | 30~1000     | -0.49 | -57.9  | ≤-30.49 | PASS |
| 11AX20SISO | Ant1 | 2437 | 1000~26500  | -0.49 | -43.43 | ≤-30.49 | PASS |
| 11AX20SISO | Ant1 | 2462 | 0~Reference | -0.71 | -0.71  | ---     | PASS |
| 11AX20SISO | Ant1 | 2462 | 30~1000     | -0.71 | -58.62 | ≤-30.71 | PASS |
| 11AX20SISO | Ant1 | 2462 | 1000~26500  | -0.71 | -44.01 | ≤-30.71 | PASS |
| 11AX40SISO | Ant1 | 2422 | 0~Reference | -3.69 | -3.69  | ---     | PASS |
| 11AX40SISO | Ant1 | 2422 | 30~1000     | -3.69 | -57.06 | ≤-33.69 | PASS |
| 11AX40SISO | Ant1 | 2422 | 1000~26500  | -3.69 | -43.64 | ≤-33.69 | PASS |
| 11AX40SISO | Ant1 | 2437 | 0~Reference | -2.21 | -2.21  | ---     | PASS |
| 11AX40SISO | Ant1 | 2437 | 30~1000     | -2.21 | -57.78 | ≤-32.21 | PASS |
| 11AX40SISO | Ant1 | 2437 | 1000~26500  | -2.21 | -43.82 | ≤-32.21 | PASS |
| 11AX40SISO | Ant1 | 2452 | 0~Reference | -2.55 | -2.55  | ---     | PASS |
| 11AX40SISO | Ant1 | 2452 | 30~1000     | -2.55 | -58.11 | ≤-32.55 | PASS |
| 11AX40SISO | Ant1 | 2452 | 1000~26500  | -2.55 | -43.55 | ≤-32.55 | PASS |



## Test Graphs



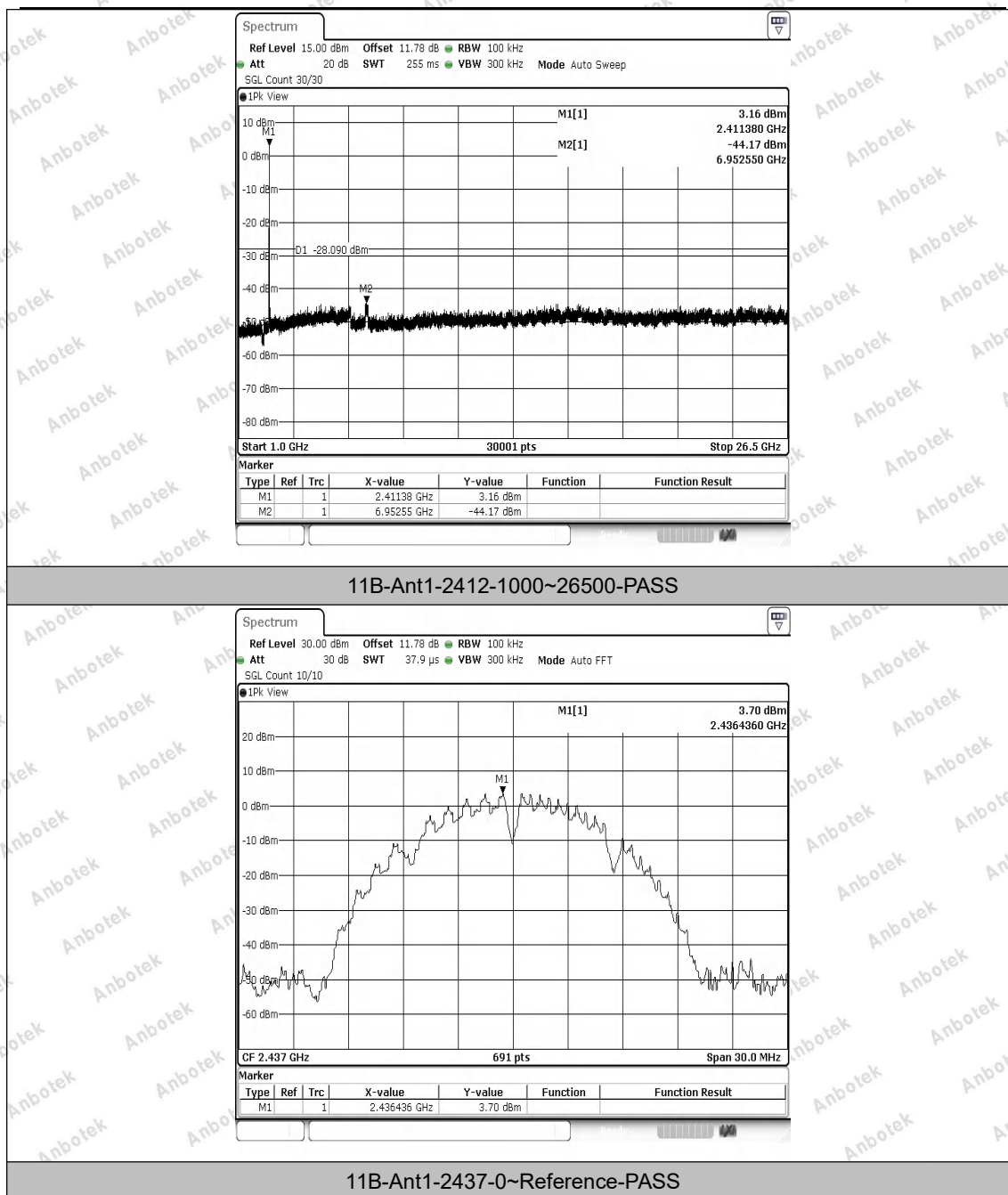
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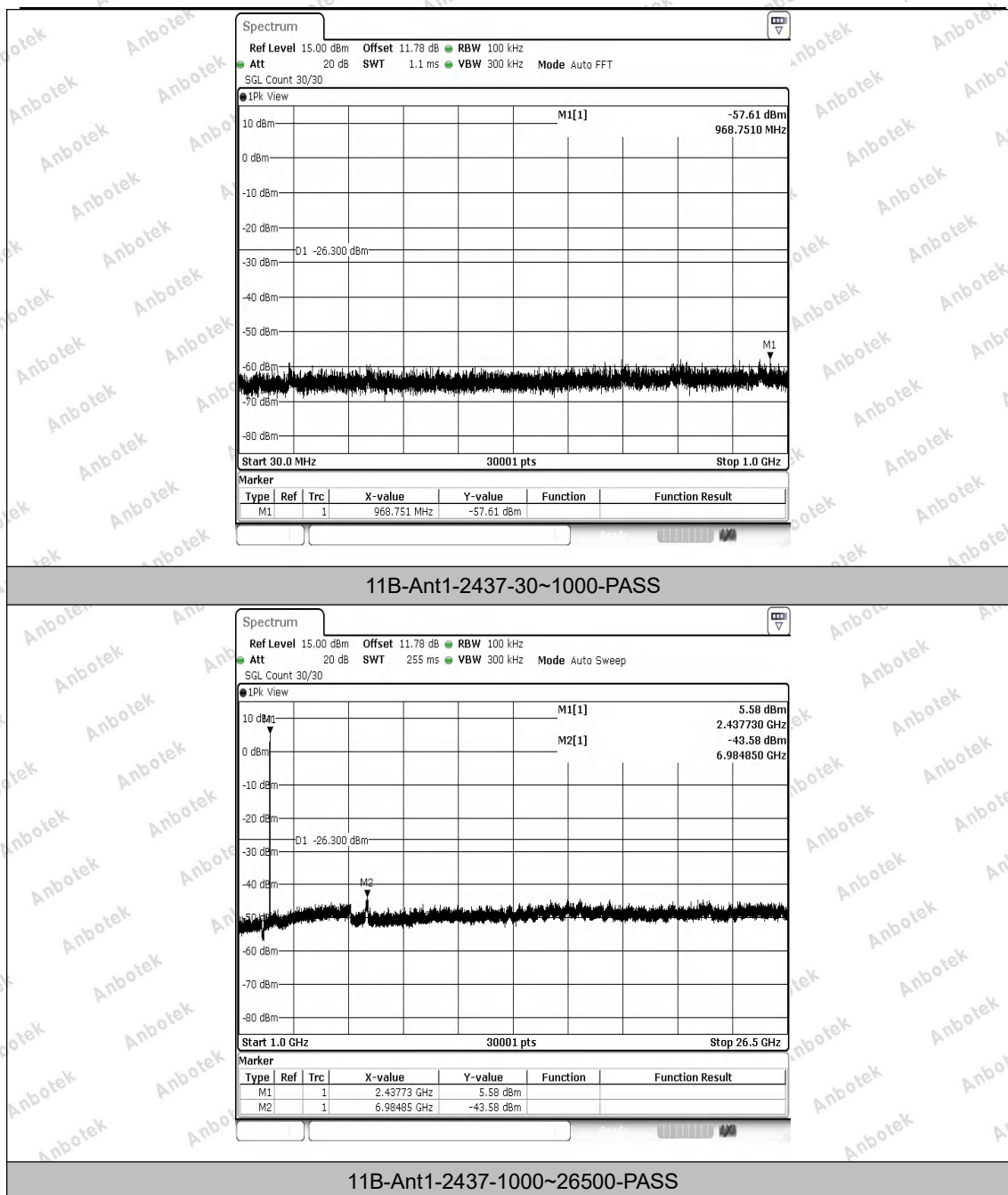
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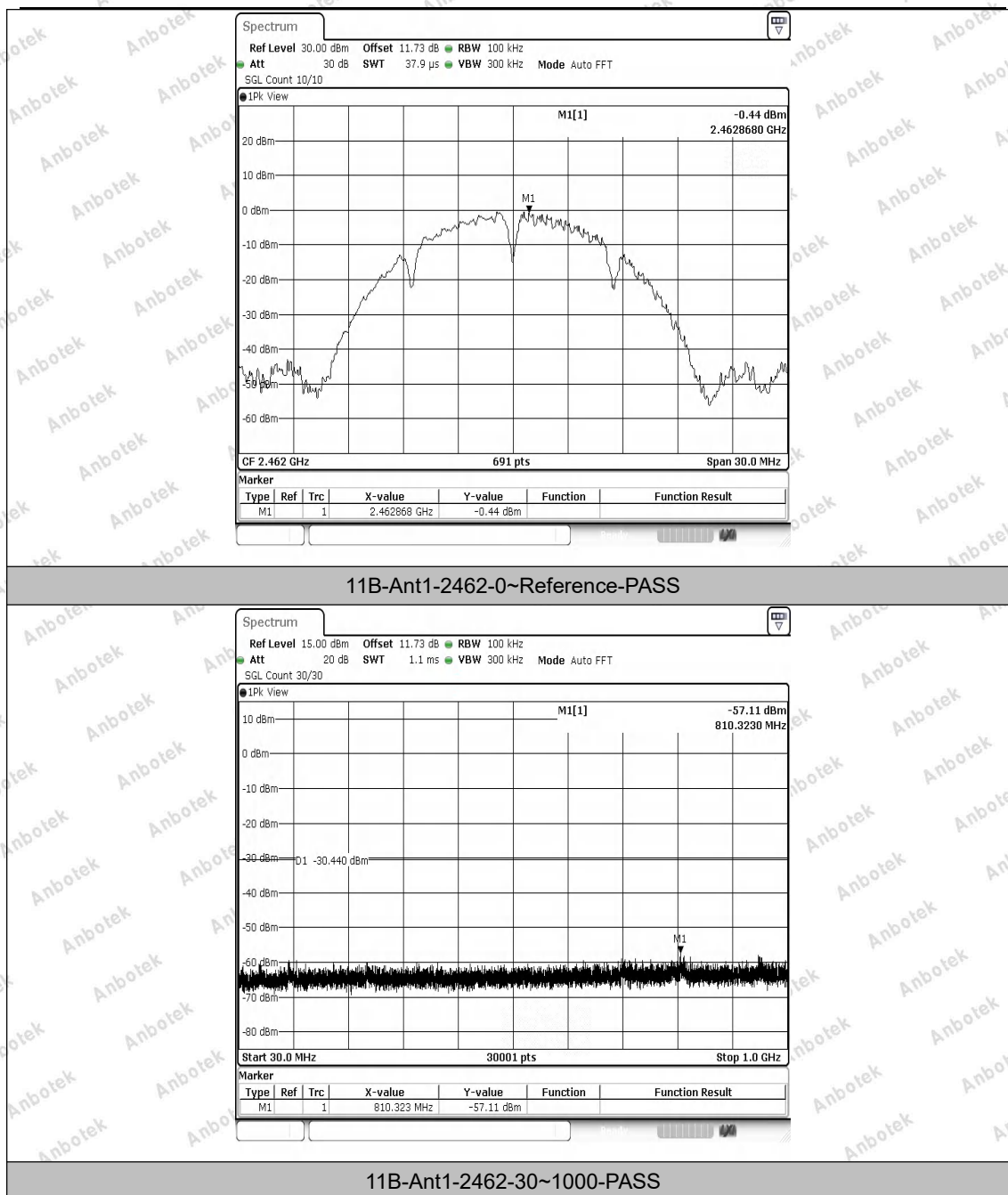
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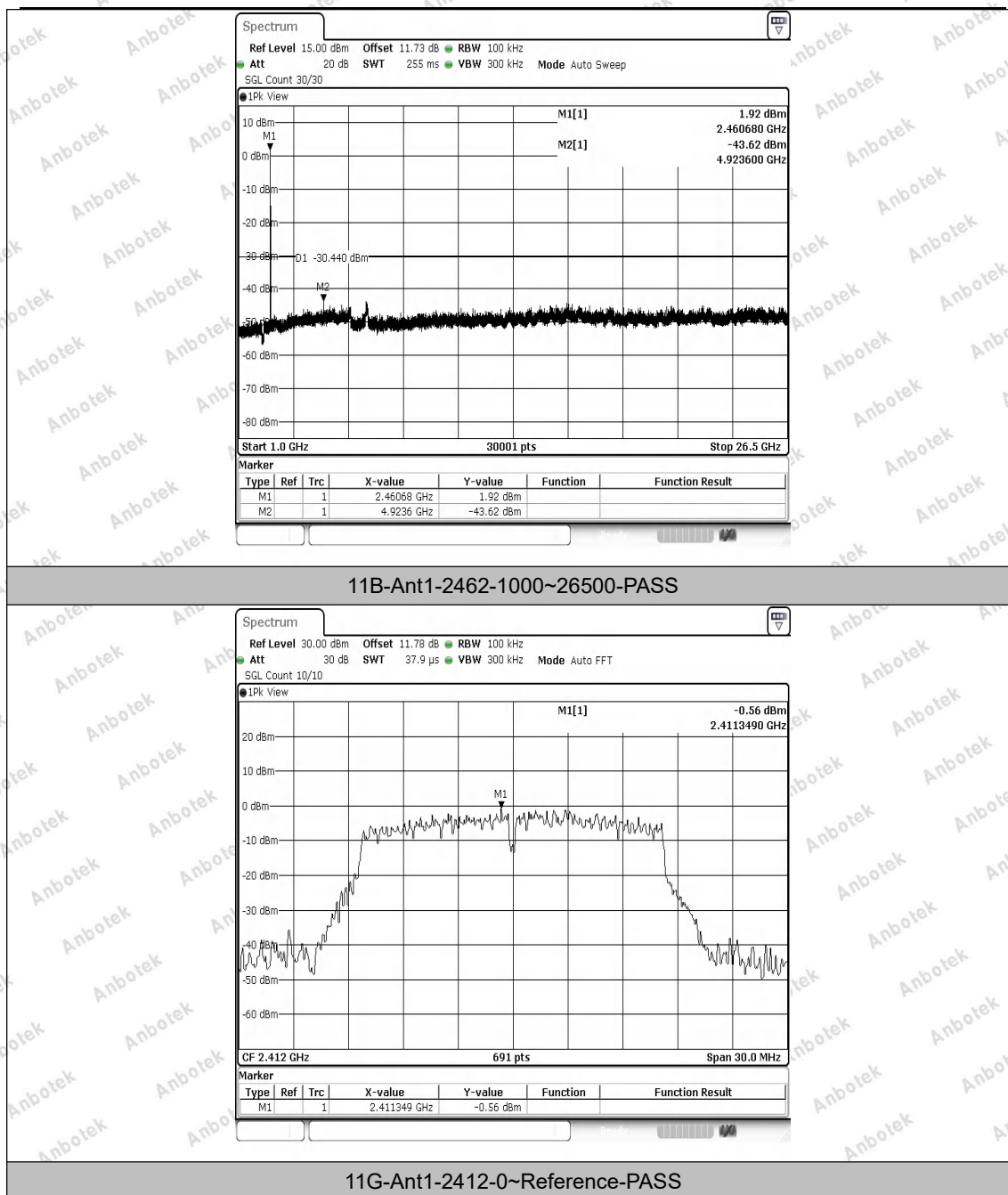
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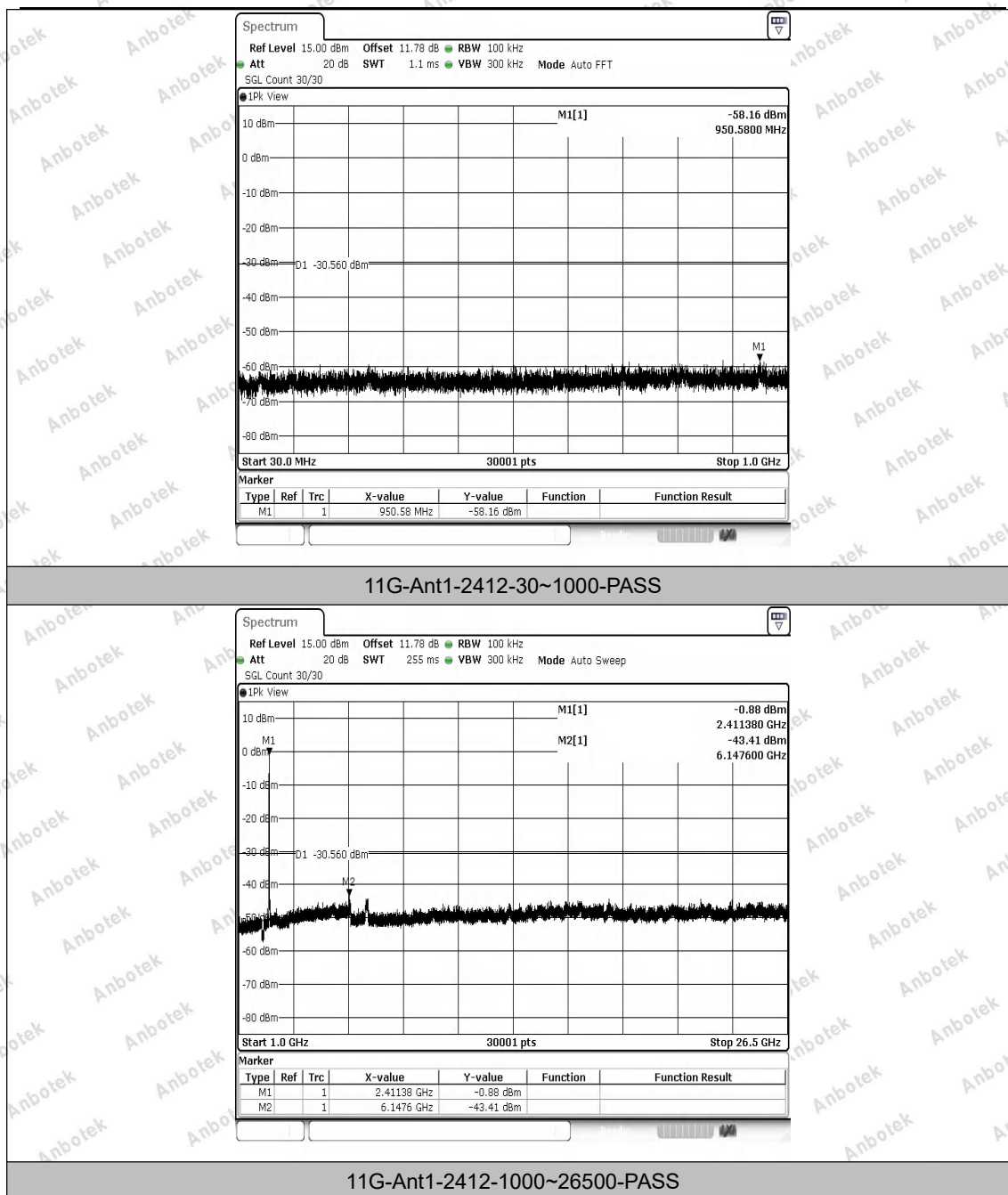
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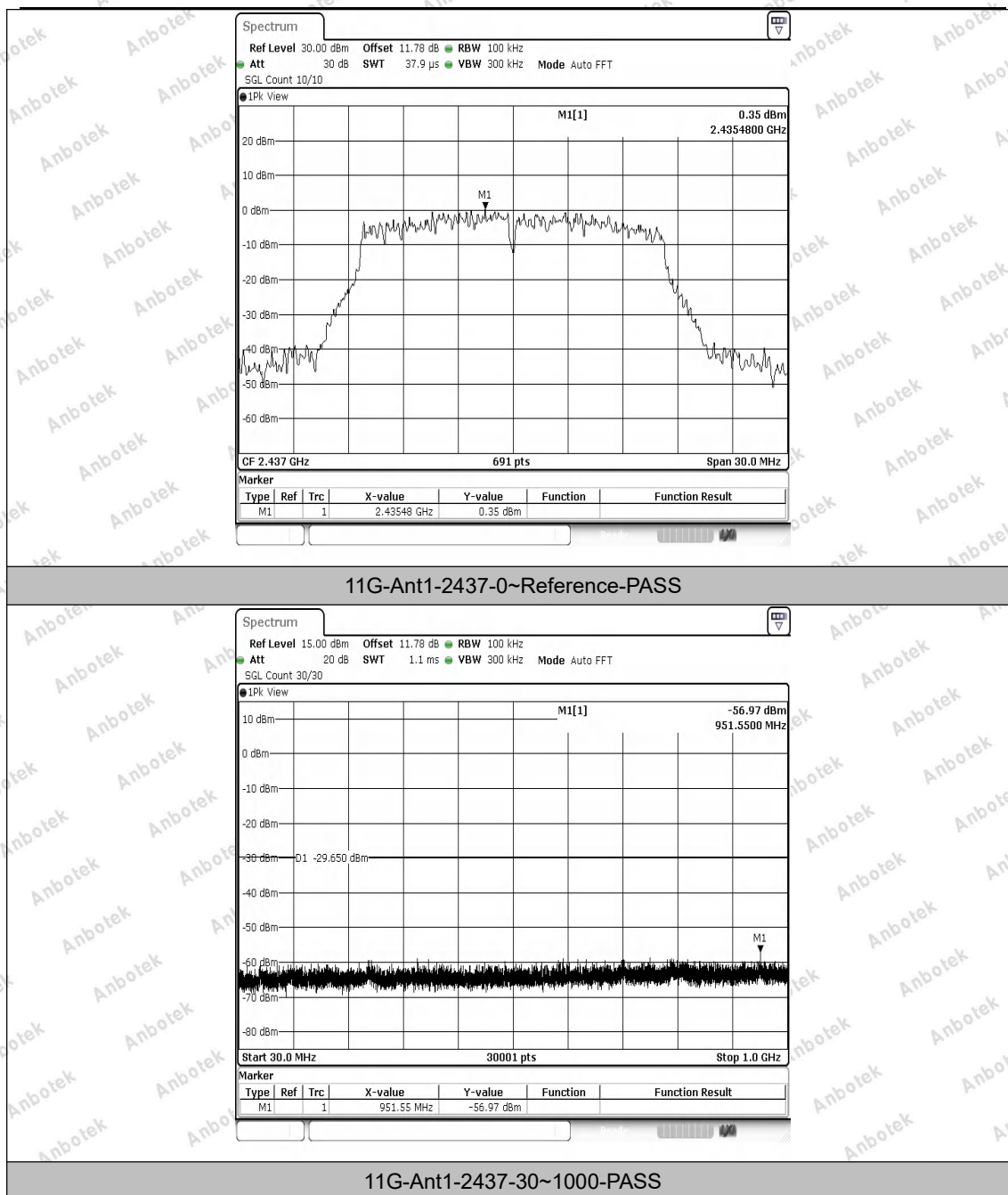
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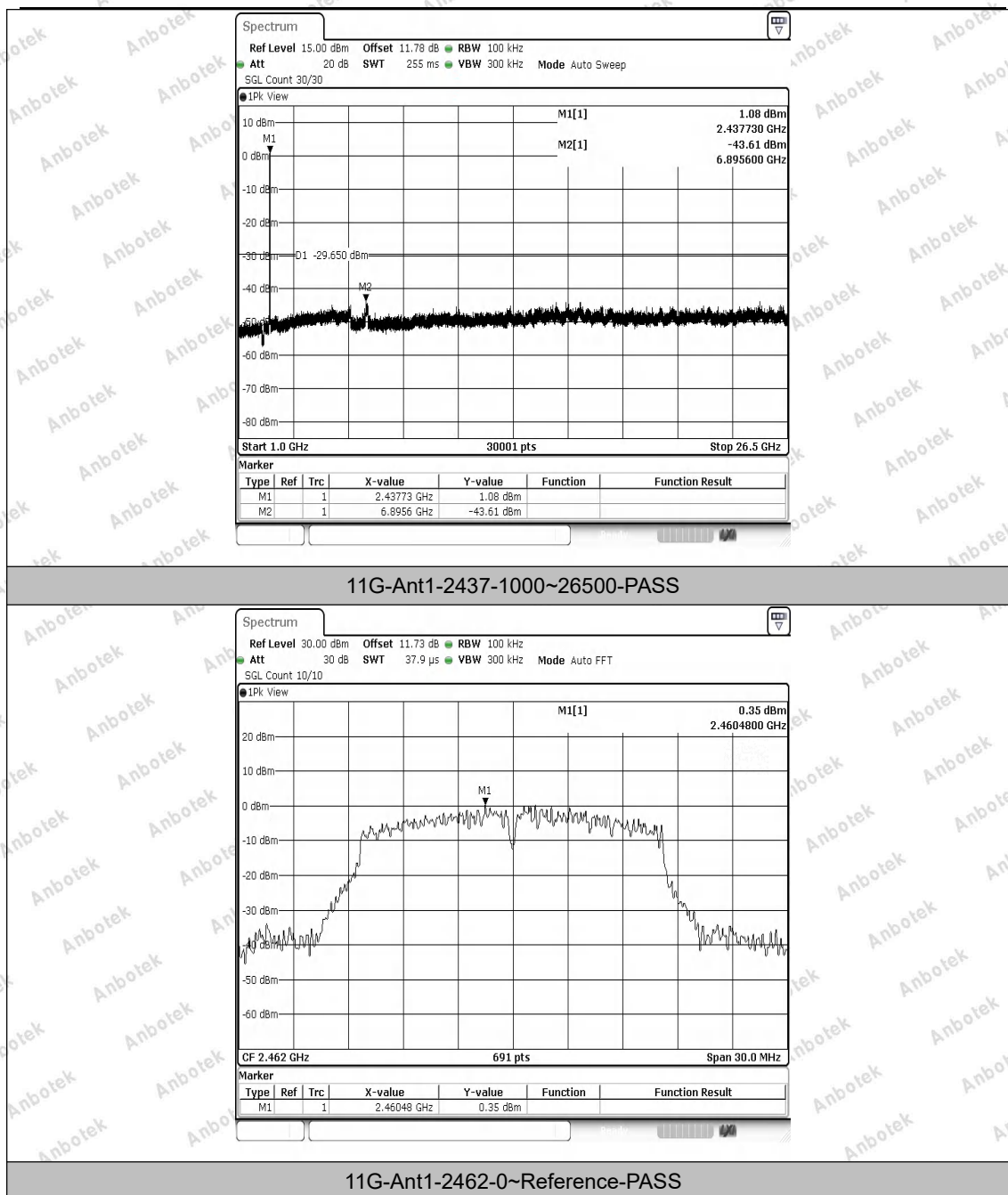
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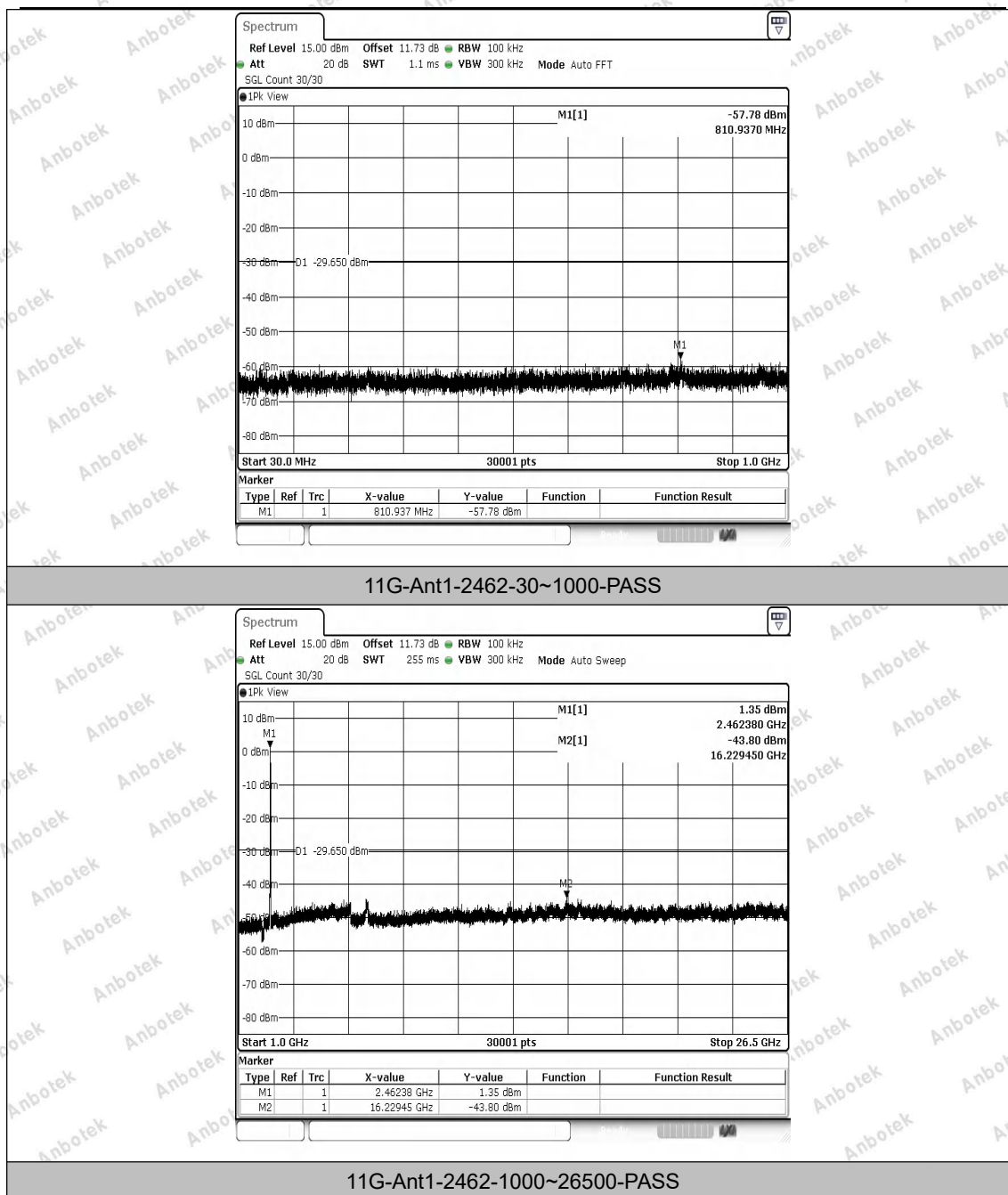
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