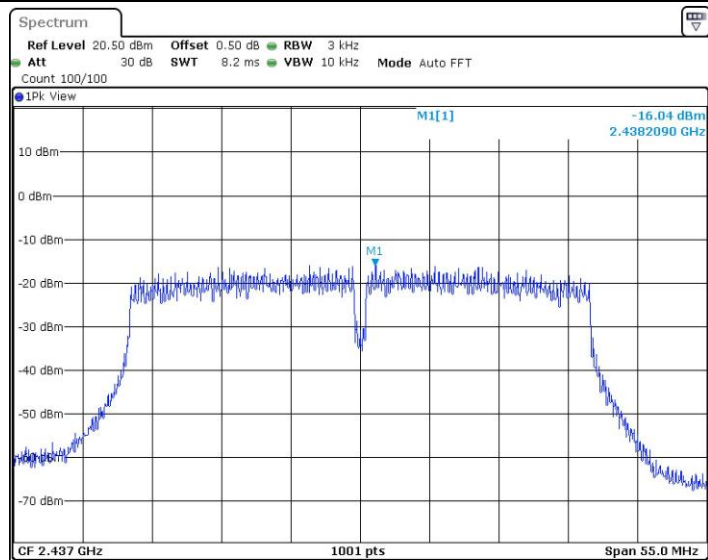
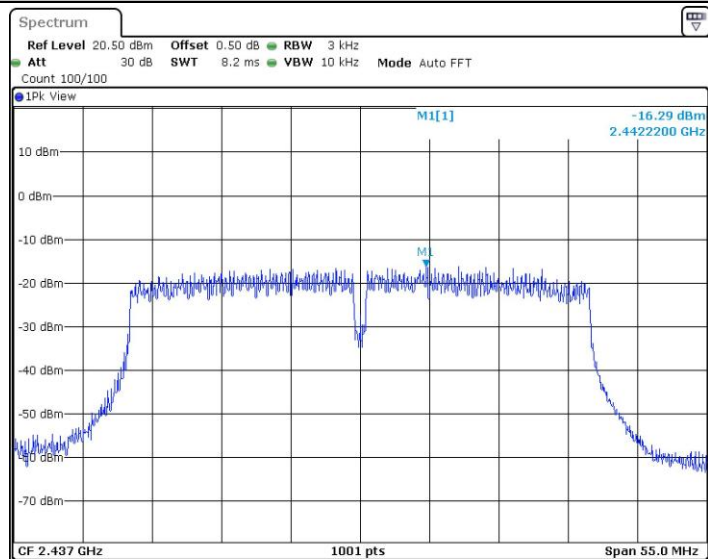
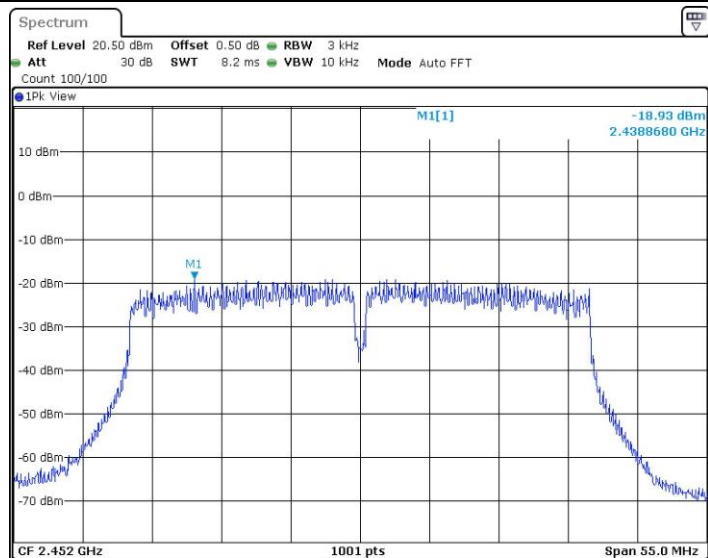




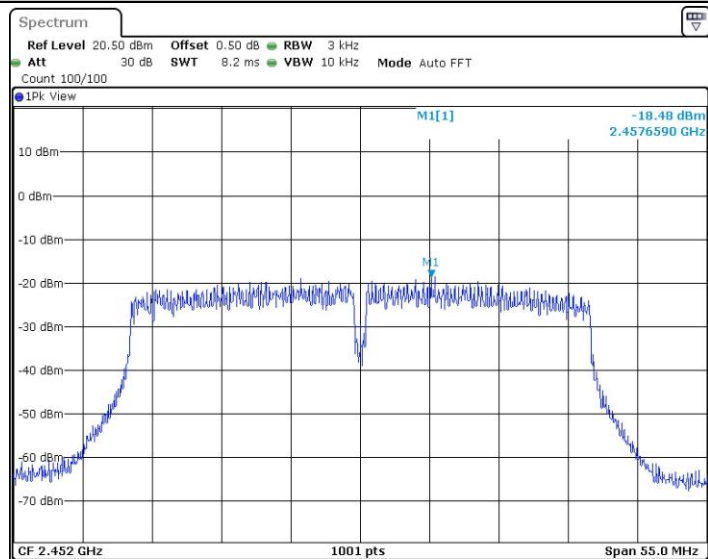
11N40MIMO\_Ant0\_2437



11N40MIMO\_Ant1\_2437



11N40MIMO\_Ant0\_2452



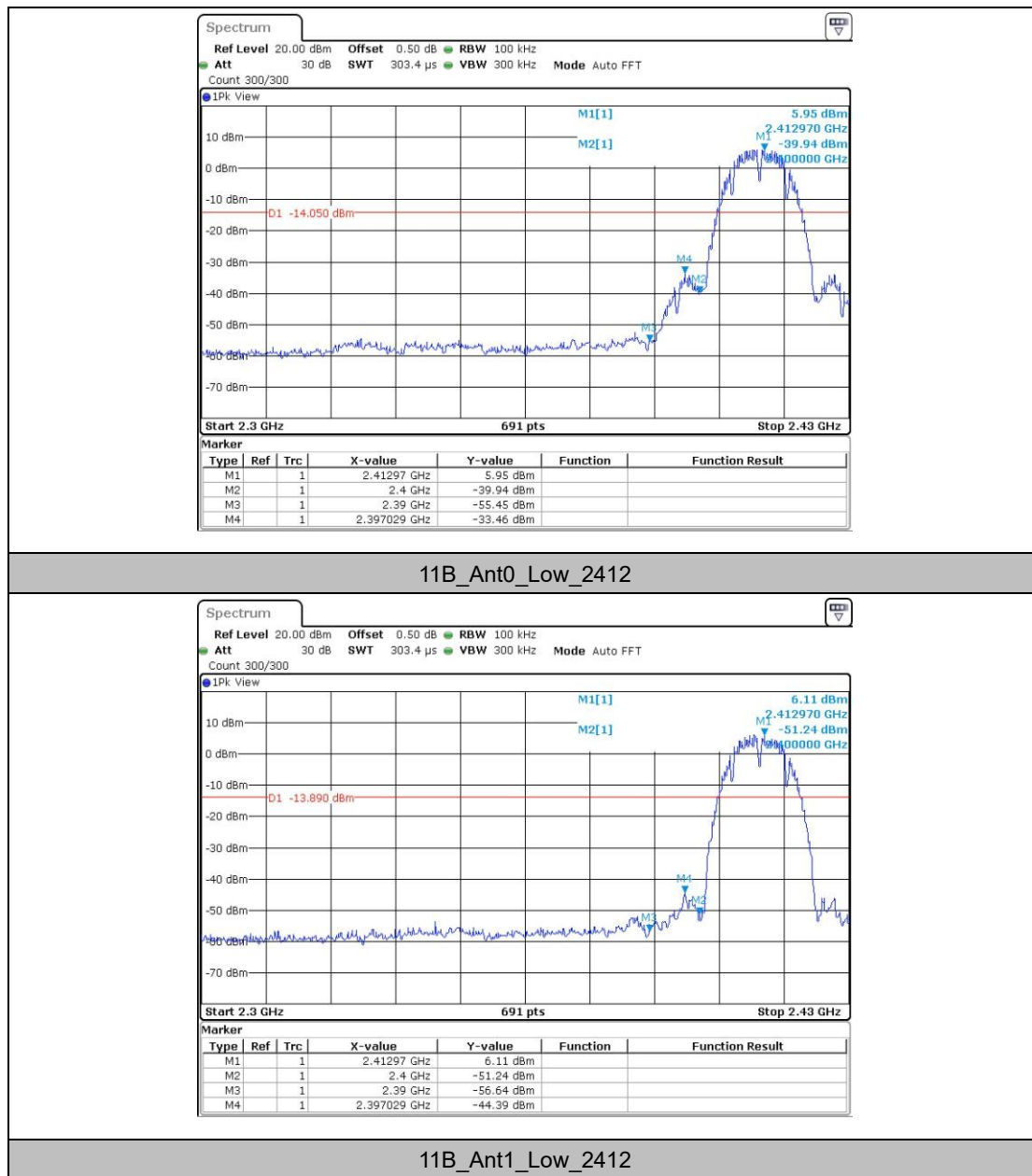
11N40MIMO\_Ant1\_2452

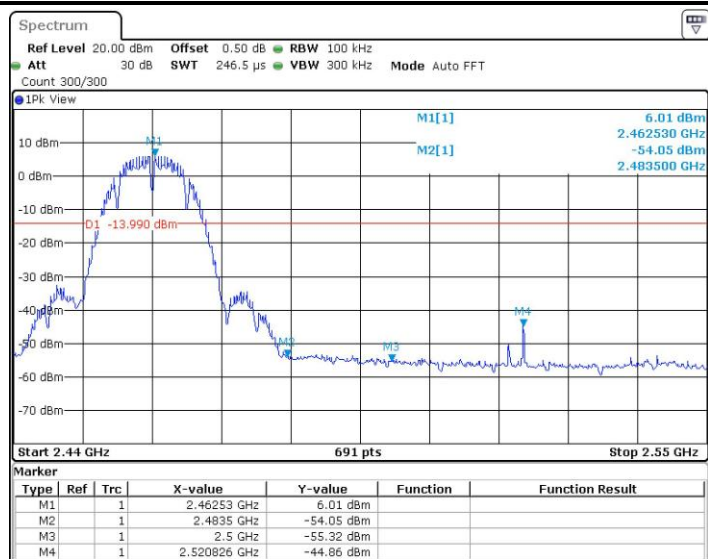
## Appendix E: Band edge measurements

### Test Result

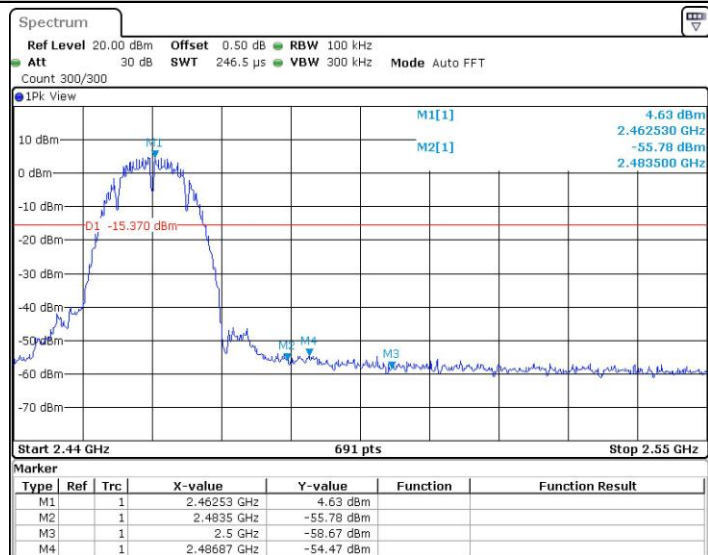
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant0    | Low    | 2412    | 5.95          | -33.46      | <=-14.05   | PASS    |
|           | Ant1    | Low    | 2412    | 6.11          | -44.39      | <=-13.89   | PASS    |
|           | Ant0    | High   | 2462    | 6.01          | -44.86      | <=-13.99   | PASS    |
|           | Ant1    | High   | 2462    | 4.63          | -54.47      | <=-15.37   | PASS    |
| 11G       | Ant0    | Low    | 2412    | -0.14         | -40.44      | <=-20.14   | PASS    |
|           | Ant1    | Low    | 2412    | 0.24          | -38.92      | <=-19.76   | PASS    |
|           | Ant0    | High   | 2462    | -1.68         | -54.26      | <=-21.68   | PASS    |
|           | Ant1    | High   | 2462    | -0.75         | -54.23      | <=-20.75   | PASS    |
| 11N20SISO | Ant0    | Low    | 2412    | -0.68         | -38.91      | <=-20.68   | PASS    |
|           | Ant1    | Low    | 2412    | 0.25          | -37.55      | <=-19.75   | PASS    |
|           | Ant0    | High   | 2462    | -0.71         | -54.52      | <=-20.71   | PASS    |
|           | Ant1    | High   | 2462    | -1.84         | -52.3       | <=-21.84   | PASS    |
| 11N40SISO | Ant0    | Low    | 2422    | -2.77         | -43.02      | <=-22.77   | PASS    |
|           | Ant1    | Low    | 2422    | -2.79         | -42.29      | <=-22.79   | PASS    |
|           | Ant0    | High   | 2452    | -3.44         | -54.01      | <=-23.44   | PASS    |
|           | Ant1    | High   | 2452    | -3.15         | -44.95      | <=-23.15   | PASS    |

## Test Graphs

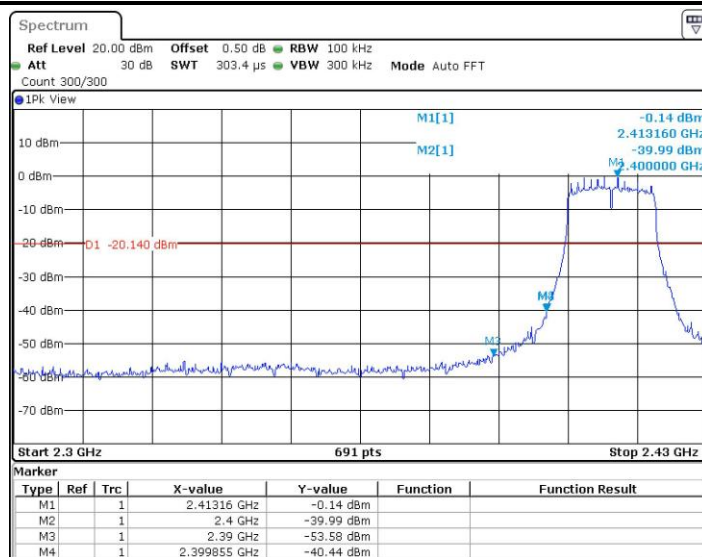




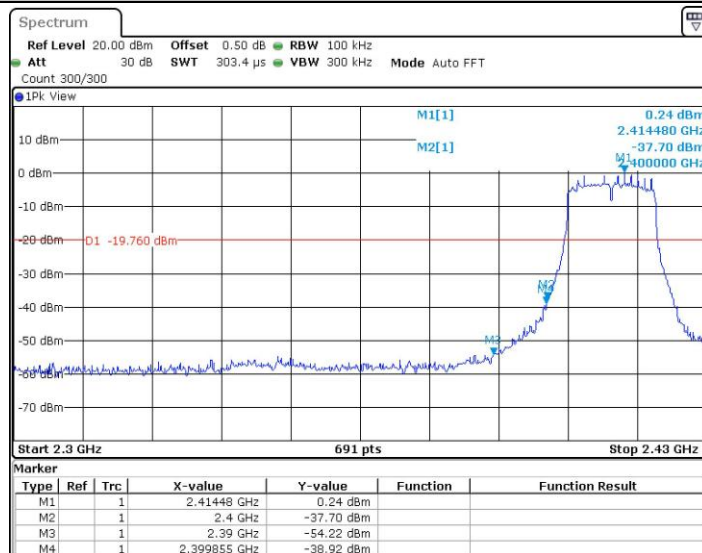
11B\_Ant0\_High\_2462



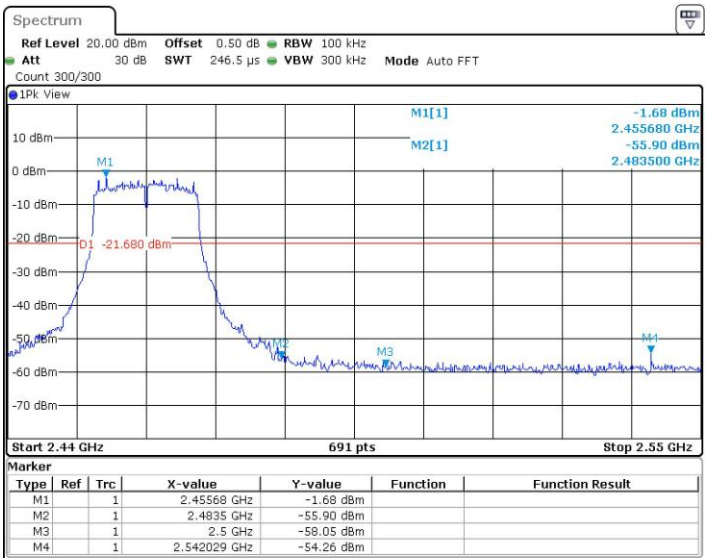
11B\_Ant1\_High\_2462



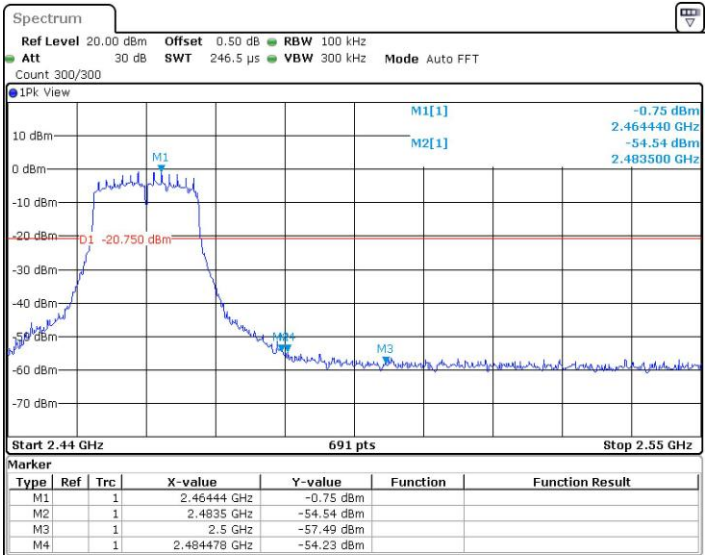
11G\_Ant0\_Low\_2412



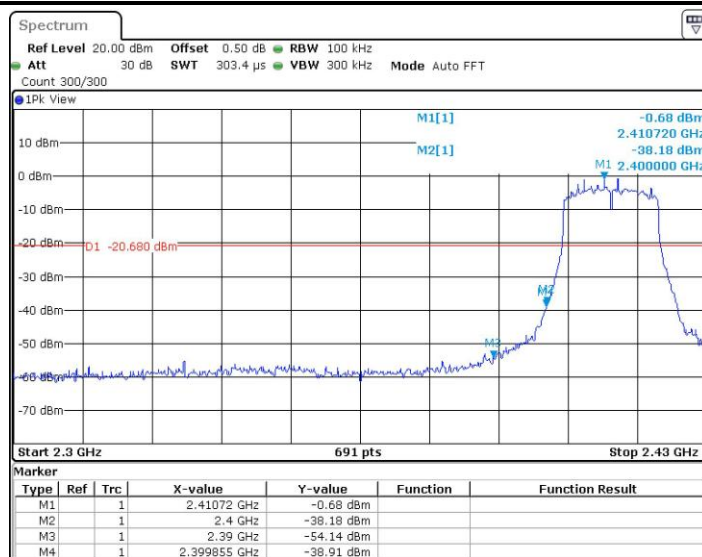
11G\_Ant1\_Low\_2412



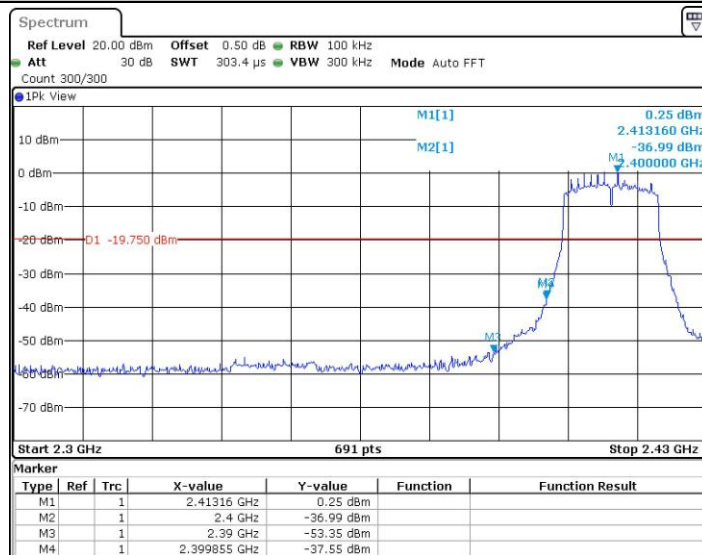
11G\_Ant0\_High\_2462



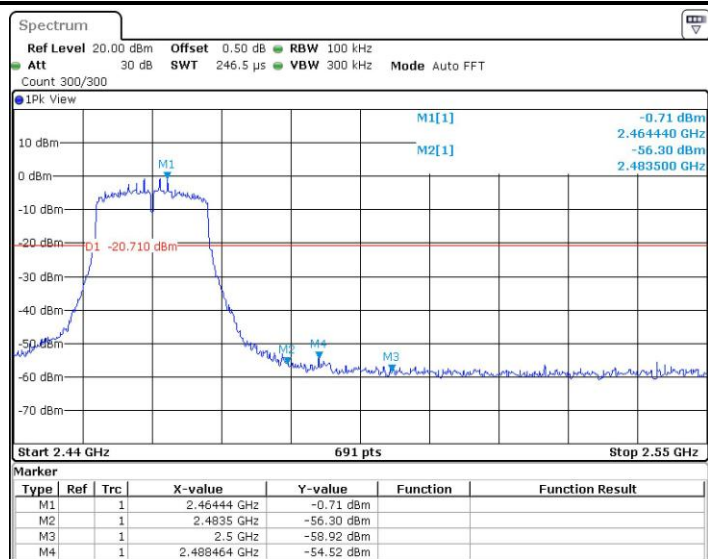
11G\_Ant1\_High\_2462



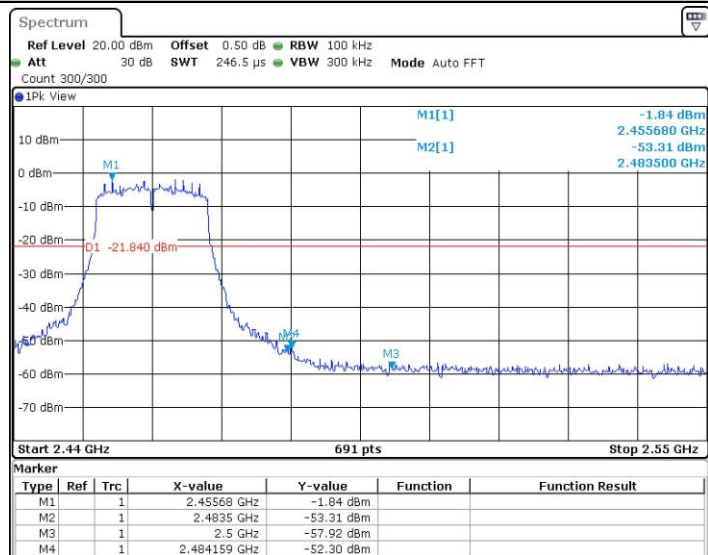
11N20SISO\_Ant0\_Low\_2412



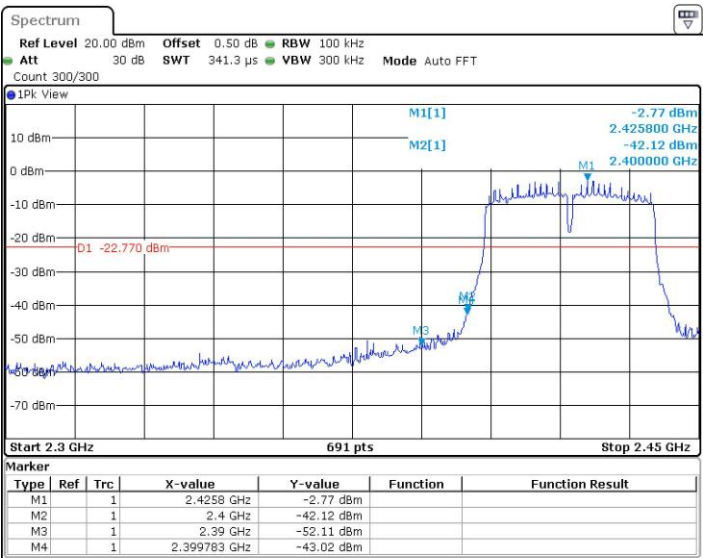
11N20SISO\_Ant1\_Low\_2412



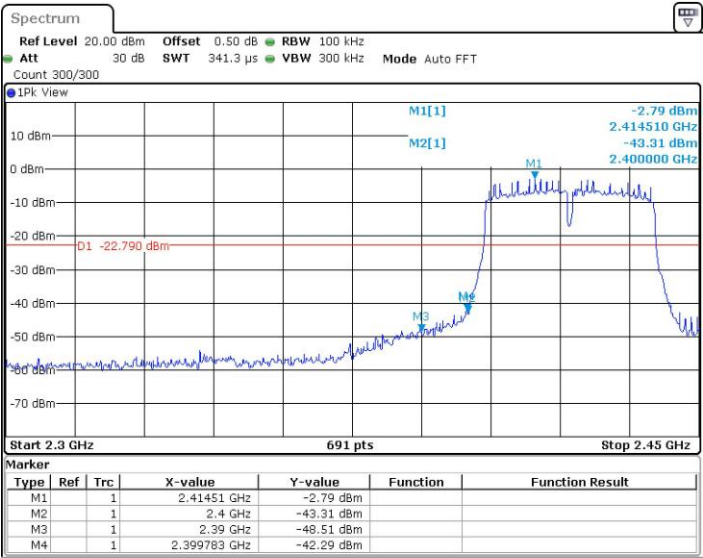
11N20SISO\_Ant0\_High\_2462



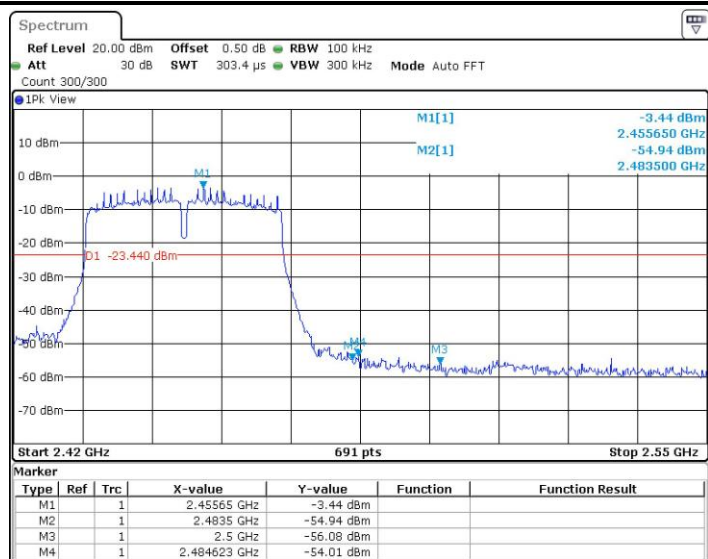
11N20SISO\_Ant1\_High\_2462



11N40SISO\_Ant0\_Low\_2422



11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant0\_High\_2452



11N40SISO\_Ant1\_High\_2452

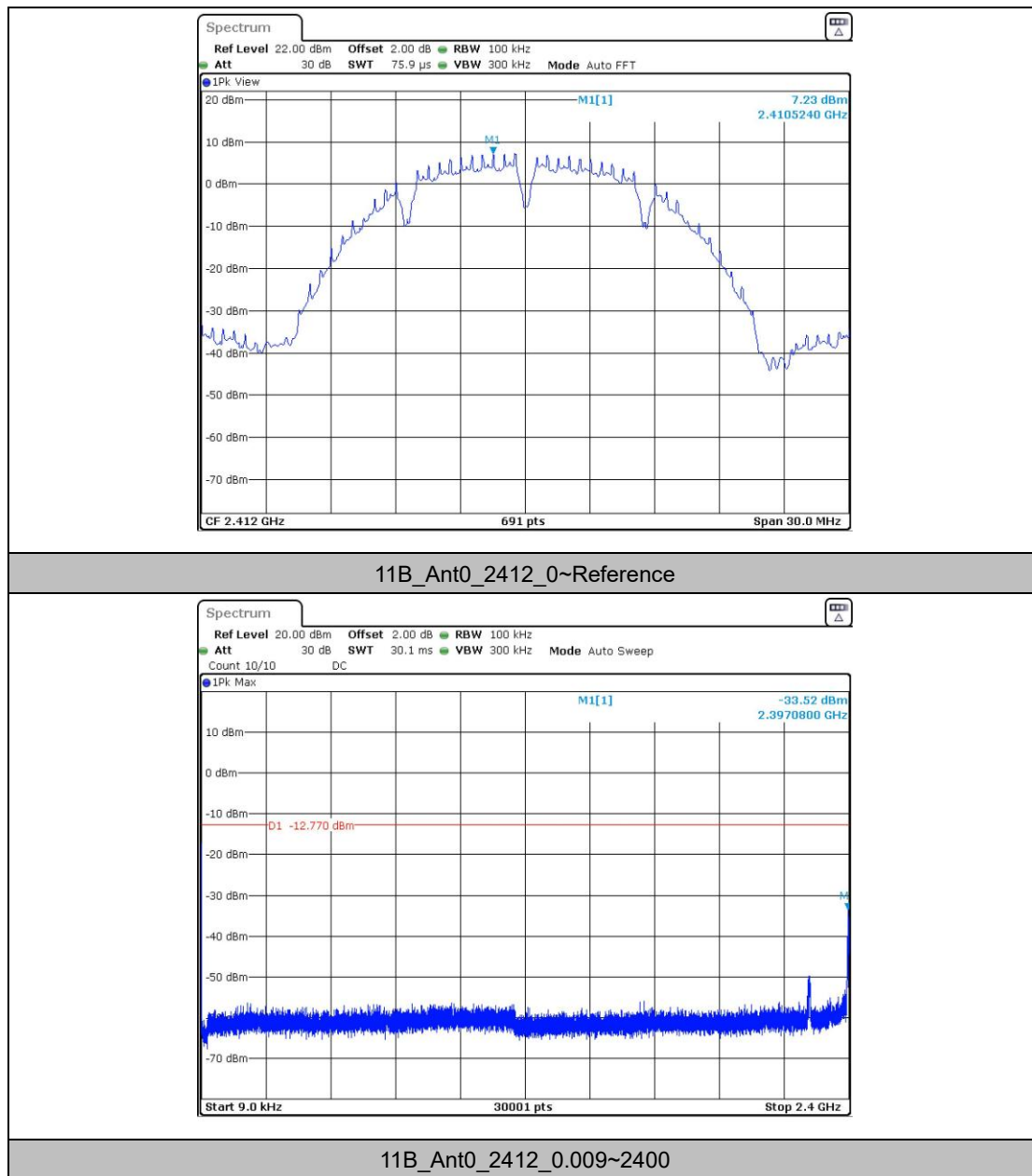
## Appendix F: Conducted Spurious Emission

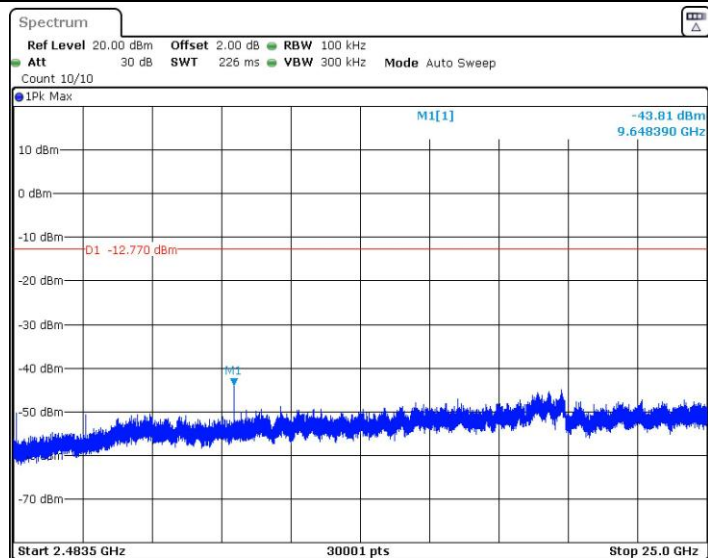
### Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant0    | 2412    | Reference          | 7.23              | 7.23            | ---            | PASS    |
|           |         |         | 0.009~2400         | 7.23              | -33.52          | <=-12.77       | PASS    |
|           |         |         | 2483.5~25000       | 7.23              | -43.81          | <=-12.77       | PASS    |
|           | Ant1    | 2412    | Reference          | 7.78              | 7.78            | ---            | PASS    |
|           |         |         | 0.009~2400         | 7.78              | -42.91          | <=-12.22       | PASS    |
|           |         |         | 2483.5~25000       | 7.78              | -44.36          | <=-12.22       | PASS    |
|           | Ant0    | 2437    | Reference          | 7.53              | 7.53            | ---            | PASS    |
|           |         |         | 0.009~2400         | 7.53              | -55.67          | <=-12.47       | PASS    |
|           |         |         | 2483.5~25000       | 7.53              | -38.03          | <=-12.47       | PASS    |
|           | Ant1    | 2437    | Reference          | 9.29              | 9.29            | ---            | PASS    |
|           |         |         | 0.009~2400         | 9.29              | -53.08          | <=-10.71       | PASS    |
|           |         |         | 2483.5~25000       | 9.29              | -45.2           | <=-10.71       | PASS    |
|           | Ant0    | 2462    | Reference          | 7.05              | 7.05            | ---            | PASS    |
|           |         |         | 0.009~2400         | 7.05              | -54.99          | <=-12.95       | PASS    |
|           |         |         | 2483.5~25000       | 7.05              | -40.43          | <=-12.95       | PASS    |
|           | Ant1    | 2462    | Reference          | 8.15              | 8.15            | ---            | PASS    |
|           |         |         | 0.009~2400         | 8.15              | -54.44          | <=-11.85       | PASS    |
|           |         |         | 2483.5~25000       | 8.15              | -44.72          | <=-11.85       | PASS    |
| 11G       | Ant0    | 2412    | Reference          | 1.97              | 1.97            | ---            | PASS    |
|           |         |         | 0.009~2400         | 1.97              | -40.77          | <=-18.03       | PASS    |
|           |         |         | 2483.5~25000       | 1.97              | -44.63          | <=-18.03       | PASS    |
|           | Ant1    | 2412    | Reference          | 3.13              | 3.13            | ---            | PASS    |
|           |         |         | 0.009~2400         | 3.13              | -37.56          | <=-16.87       | PASS    |
|           |         |         | 2483.5~25000       | 3.13              | -44.03          | <=-16.87       | PASS    |
|           | Ant0    | 2437    | Reference          | 6.74              | 6.74            | ---            | PASS    |
|           |         |         | 0.009~2400         | 6.74              | -51.92          | <=-13.26       | PASS    |
|           |         |         | 2483.5~25000       | 6.74              | -44.53          | <=-13.26       | PASS    |
|           | Ant1    | 2437    | Reference          | 8.53              | 8.53            | ---            | PASS    |
|           |         |         | 0.009~2400         | 8.53              | -46.24          | <=-11.47       | PASS    |
|           |         |         | 2483.5~25000       | 8.53              | -45.7           | <=-11.47       | PASS    |
|           | Ant0    | 2462    | Reference          | 1.66              | 1.66            | ---            | PASS    |
|           |         |         | 0.009~2400         | 1.66              | -55.04          | <=-18.34       | PASS    |
|           |         |         | 2483.5~25000       | 1.66              | -44.68          | <=-18.34       | PASS    |
|           | Ant1    | 2462    | Reference          | 1.60              | 1.60            | ---            | PASS    |
|           |         |         | 0.009~2400         | 1.60              | -55.83          | <=-18.4        | PASS    |
|           |         |         | 2483.5~25000       | 1.60              | -45.51          | <=-18.4        | PASS    |
| 11N20SISO | Ant0    | 2412    | Reference          | 3.22              | 3.22            | ---            | PASS    |

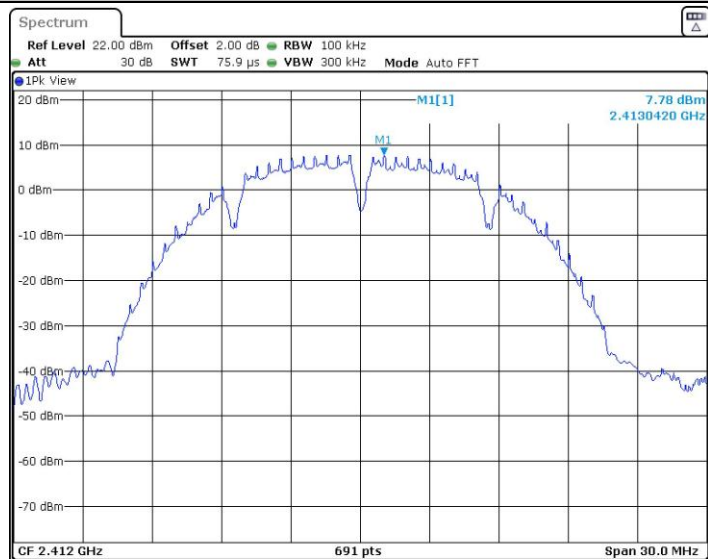
|           |      |      |              |       |        |          |      |
|-----------|------|------|--------------|-------|--------|----------|------|
|           |      |      | 0.009~2400   | 3.22  | -32.9  | <=-16.78 | PASS |
|           |      |      | 2483.5~25000 | 3.22  | -45.1  | <=-16.78 | PASS |
|           |      |      | Reference    | 3.19  | 3.19   | ---      | PASS |
|           | Ant1 | 2412 | 0.009~2400   | 3.19  | -35.71 | <=-16.81 | PASS |
|           |      |      | 2483.5~25000 | 3.19  | -45.05 | <=-16.81 | PASS |
|           |      |      | Reference    | 7.47  | 7.47   | ---      | PASS |
|           | Ant0 | 2437 | 0.009~2400   | 7.47  | -50.4  | <=-12.53 | PASS |
|           |      |      | 2483.5~25000 | 7.47  | -44.67 | <=-12.53 | PASS |
|           |      |      | Reference    | 8.52  | 8.52   | ---      | PASS |
|           | Ant1 | 2437 | 0.009~2400   | 8.52  | -50.04 | <=-11.48 | PASS |
|           |      |      | 2483.5~25000 | 8.52  | -44.38 | <=-11.48 | PASS |
|           |      |      | Reference    | -0.06 | -0.06  | ---      | PASS |
|           | Ant0 | 2462 | 0.009~2400   | -0.06 | -55.73 | <=-20.06 | PASS |
|           |      |      | 2483.5~25000 | -0.06 | -44.94 | <=-20.06 | PASS |
|           |      |      | Reference    | 1.87  | 1.87   | ---      | PASS |
| 11N40SISO | Ant1 | 2462 | 0.009~2400   | 1.87  | -54.59 | <=-18.13 | PASS |
|           |      |      | 2483.5~25000 | 1.87  | -44.43 | <=-18.13 | PASS |
|           |      |      | Reference    | -0.47 | -0.47  | ---      | PASS |
|           | Ant0 | 2422 | 0.009~2400   | -0.47 | -39.11 | <=-20.47 | PASS |
|           |      |      | 2483.5~25000 | -0.47 | -43.72 | <=-20.47 | PASS |
|           |      |      | Reference    | 0.42  | 0.42   | ---      | PASS |
|           | Ant1 | 2422 | 0.009~2400   | 0.42  | -39.94 | <=-19.58 | PASS |
|           |      |      | 2483.5~25000 | 0.42  | -44.42 | <=-19.58 | PASS |
|           |      |      | Reference    | 1.72  | 1.72   | ---      | PASS |
|           | Ant0 | 2437 | 0.009~2400   | 1.72  | -42.72 | <=-18.28 | PASS |
|           |      |      | 2483.5~25000 | 1.72  | -45.17 | <=-18.28 | PASS |
|           |      |      | Reference    | 2.87  | 2.87   | ---      | PASS |
|           | Ant1 | 2437 | 0.009~2400   | 2.87  | -39.08 | <=-17.13 | PASS |
|           |      |      | 2483.5~25000 | 2.87  | -45.36 | <=-17.13 | PASS |
|           |      |      | Reference    | 0.96  | 0.96   | ---      | PASS |
|           | Ant0 | 2452 | 0.009~2400   | 0.96  | -52.48 | <=-19.04 | PASS |
|           |      |      | 2483.5~25000 | 0.96  | -44.61 | <=-19.04 | PASS |
|           |      |      | Reference    | -0.48 | -0.48  | ---      | PASS |
|           | Ant1 | 2452 | 0.009~2400   | -0.48 | -52.32 | <=-20.48 | PASS |
|           |      |      | 2483.5~25000 | -0.48 | -44.78 | <=-20.48 | PASS |
|           |      |      | Reference    | -0.48 | -52.32 | <=-20.48 | PASS |

## Test Graphs

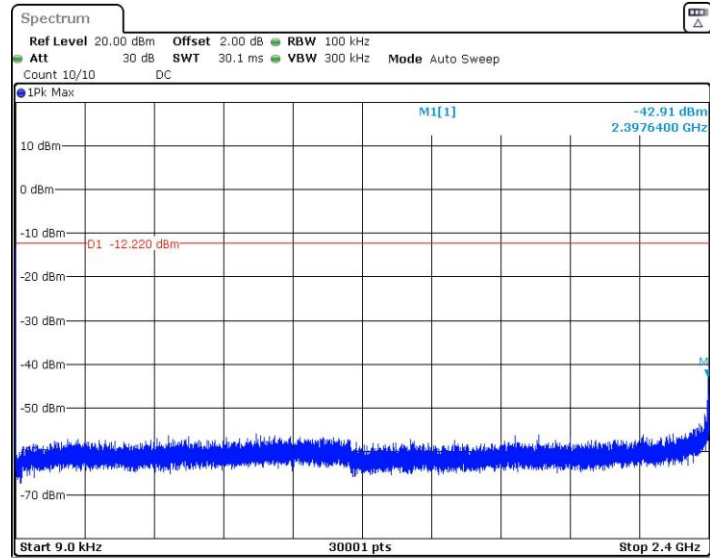




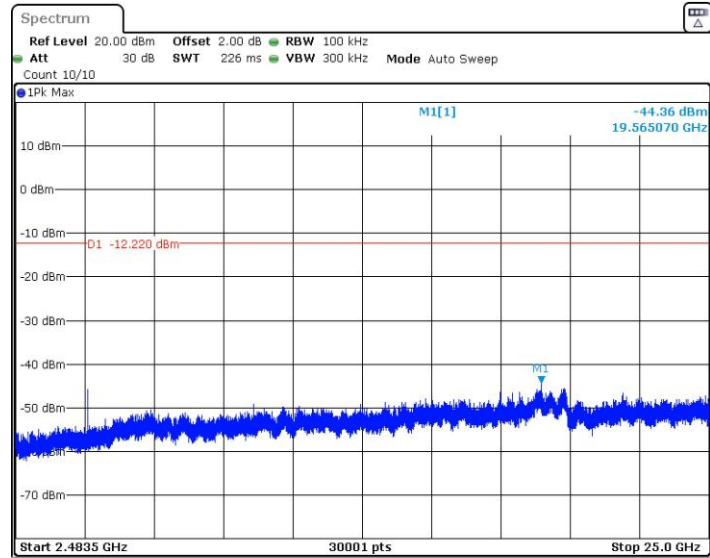
11B\_Ant0\_2412\_2483.5~25000



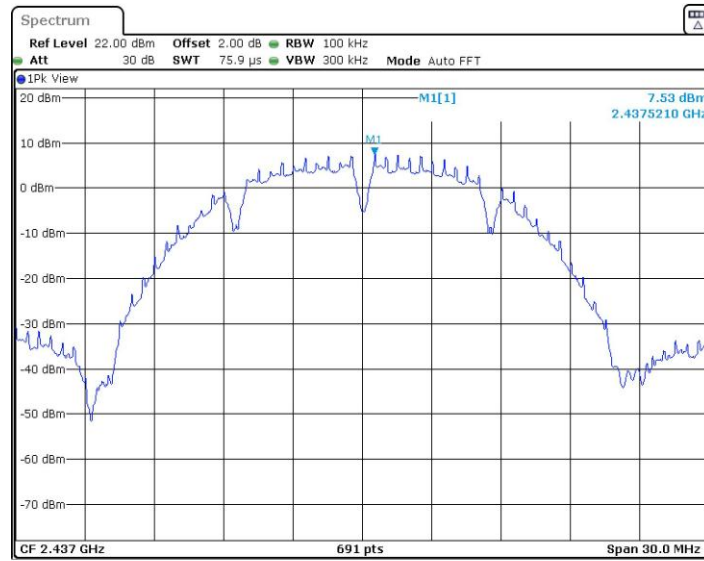
11B\_Ant1\_2412\_0~Reference



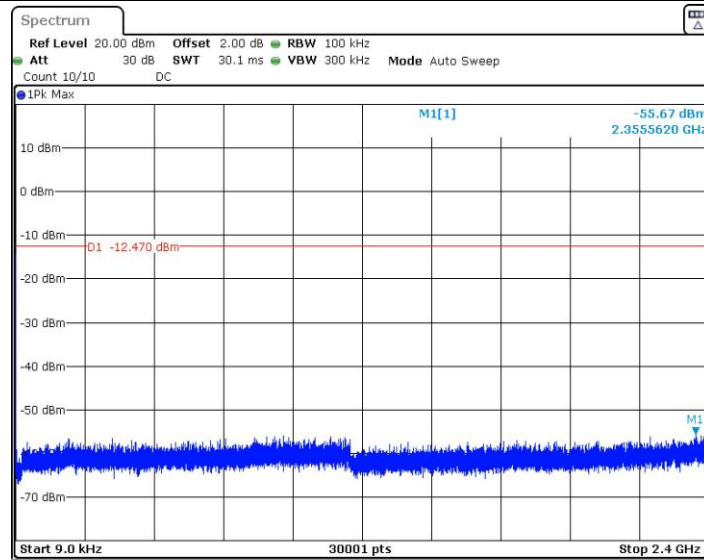
11B\_Ant1\_2412\_0.009~2400



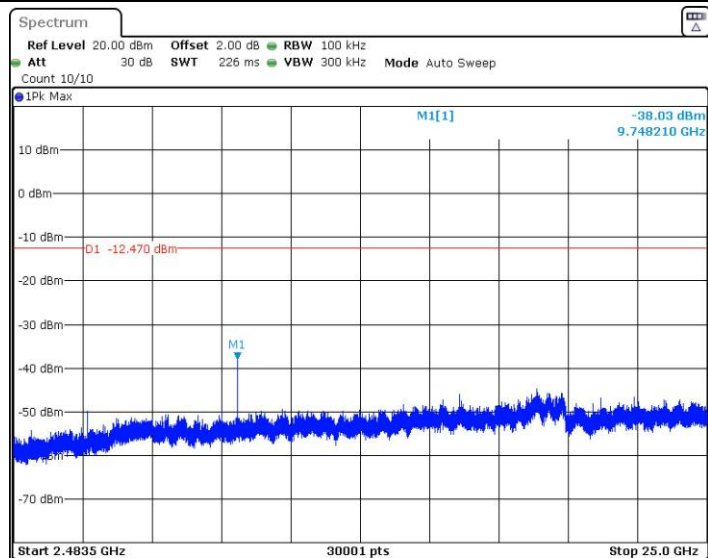
11B\_Ant1\_2412\_2483.5~25000



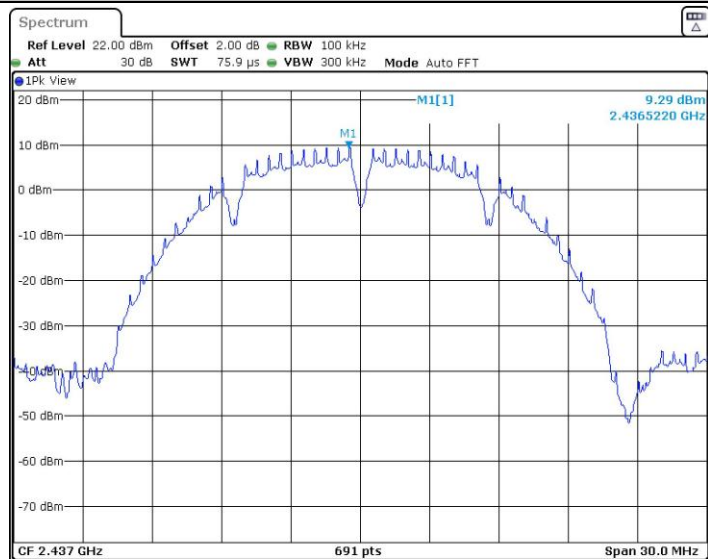
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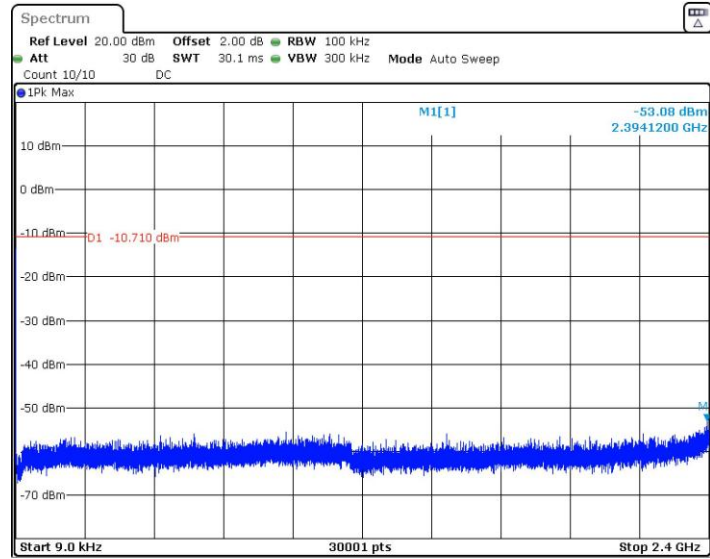
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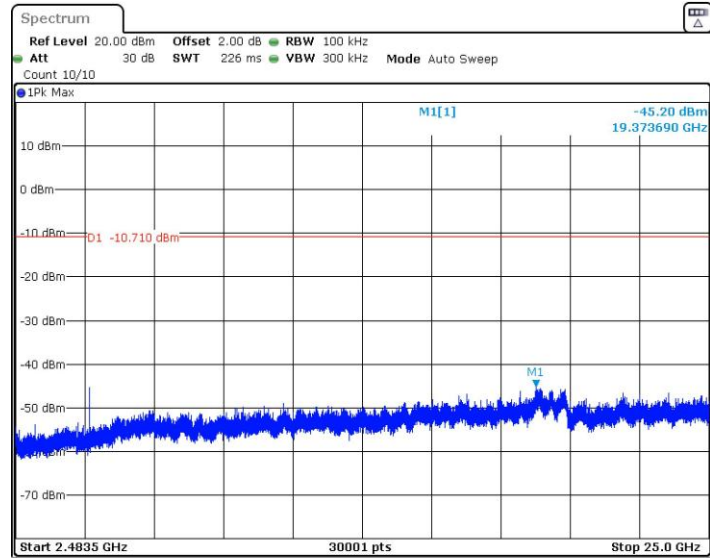
11B\_Ant0\_2437\_2483.5~25000



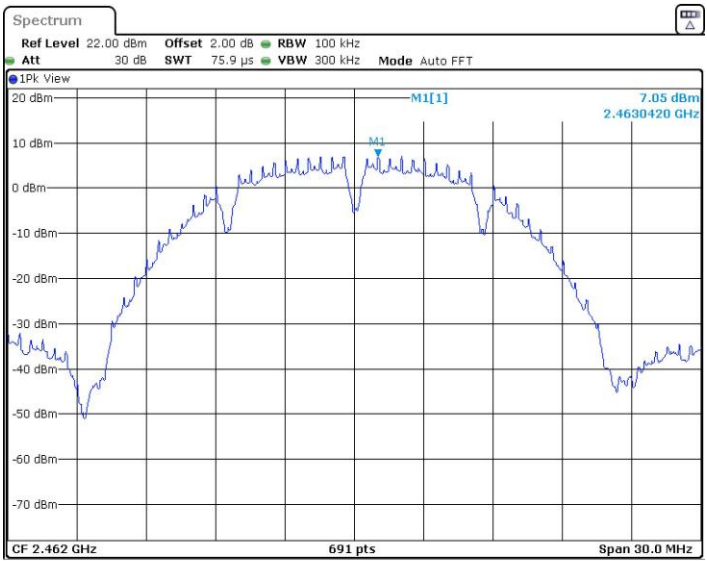
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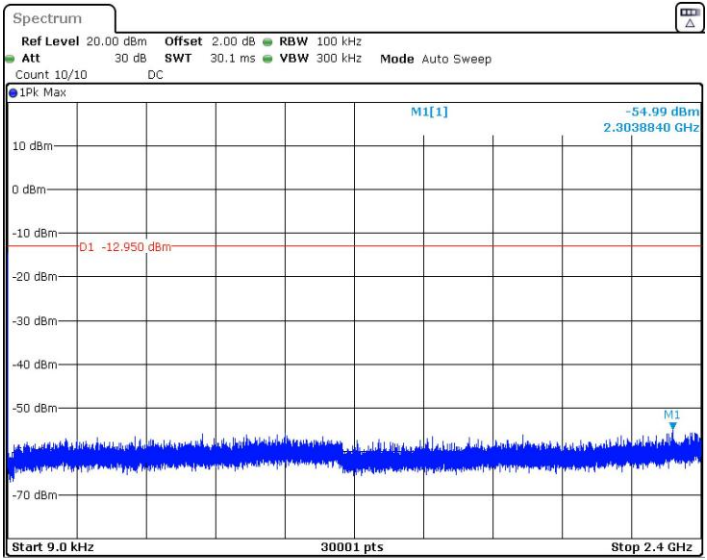
11B\_Ant1\_2437\_0.009~2400



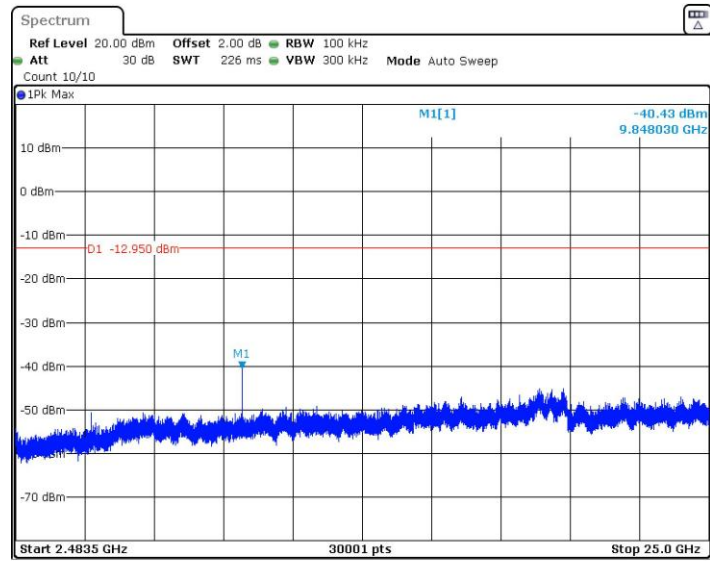
11B\_Ant1\_2437\_2483.5~25000



11B\_Ant0\_2462\_0~Reference



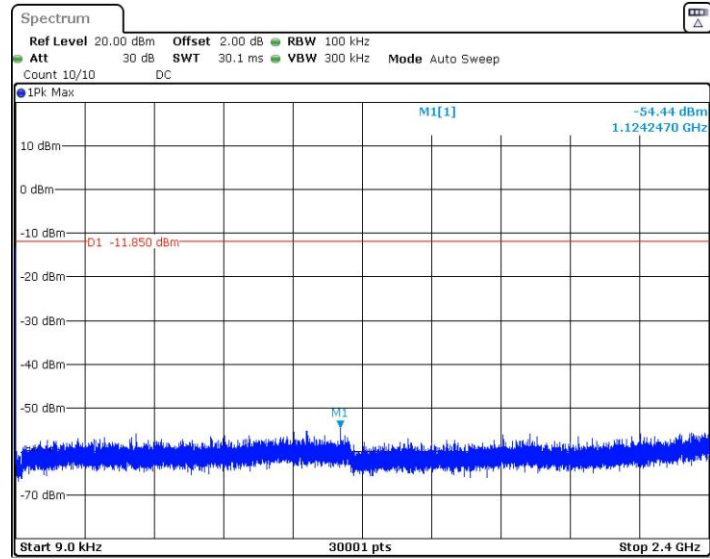
11B\_Ant0\_2462\_0.009~2400



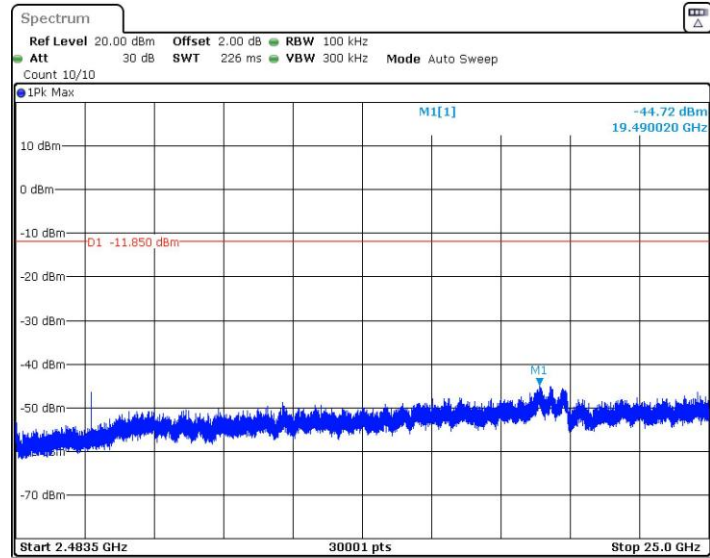
11B\_Ant0\_2462\_2483.5~25000



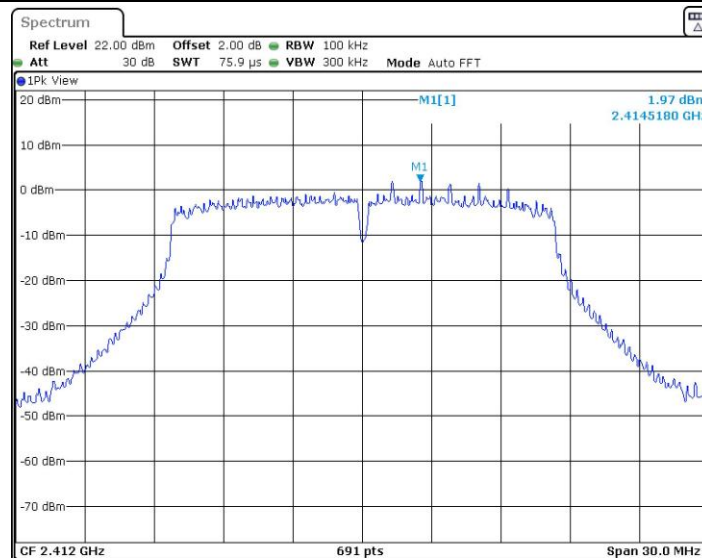
11B\_Ant1\_2462\_0~Reference



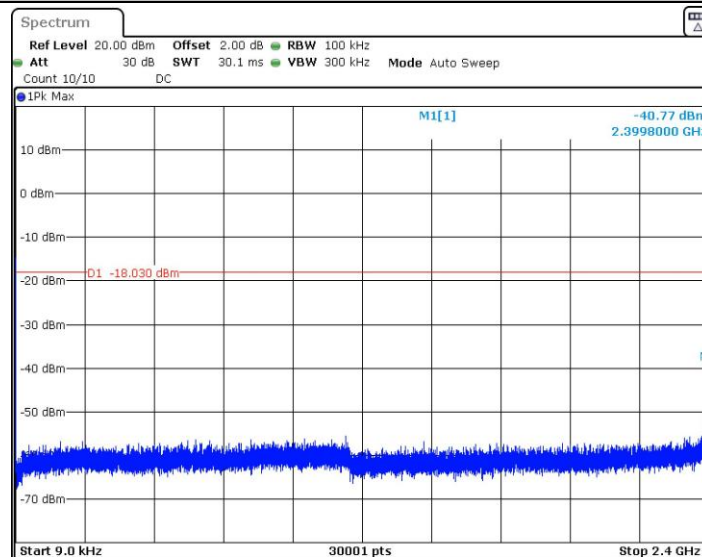
11B\_Ant1\_2462\_0.009~2400



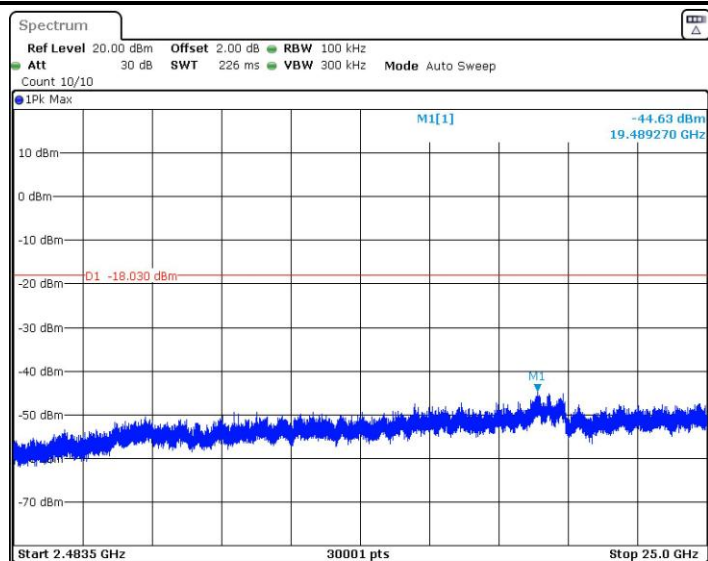
11B\_Ant1\_2462\_2483.5~25000



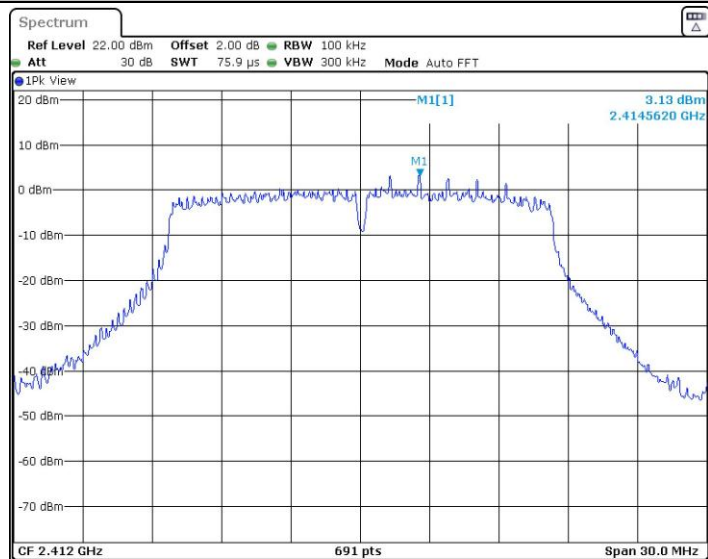
11G\_Ant0\_2412\_0~Reference



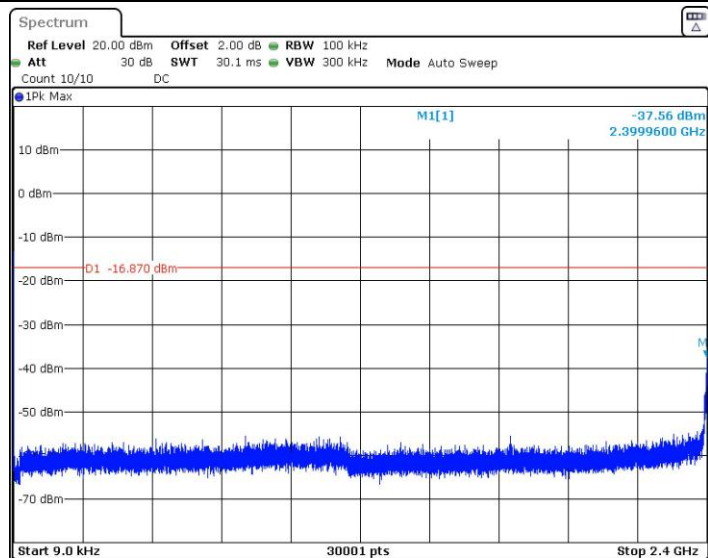
11G\_Ant0\_2412\_0.009~2400



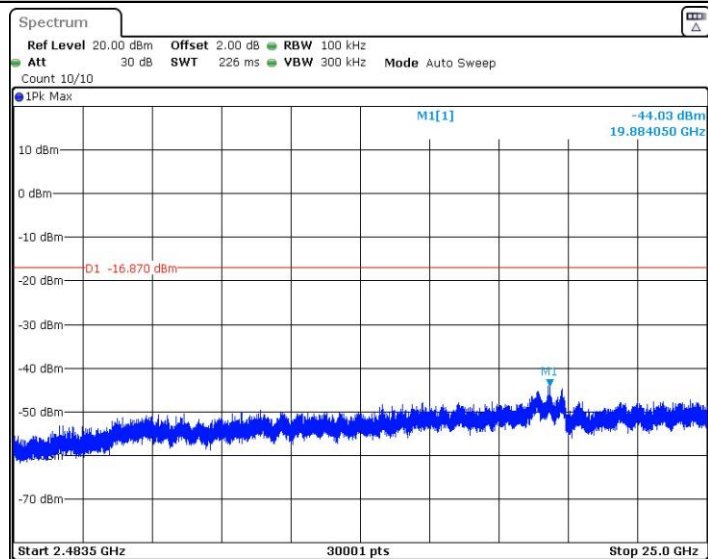
11G\_Ant0\_2412\_2483.5~25000



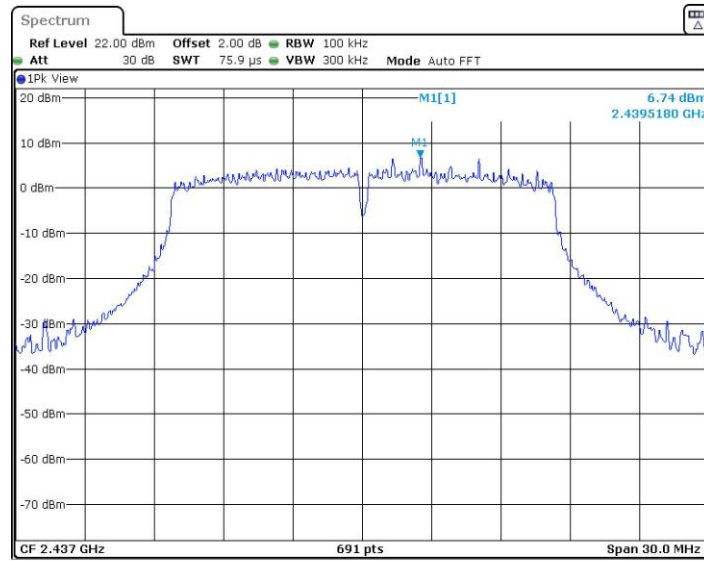
11G\_Ant1\_2412\_0~Reference



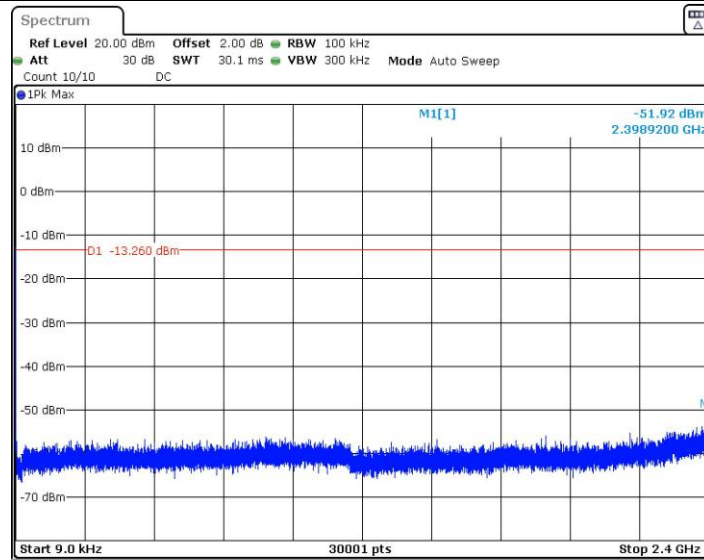
11G\_Ant1\_2412\_0.009~2400



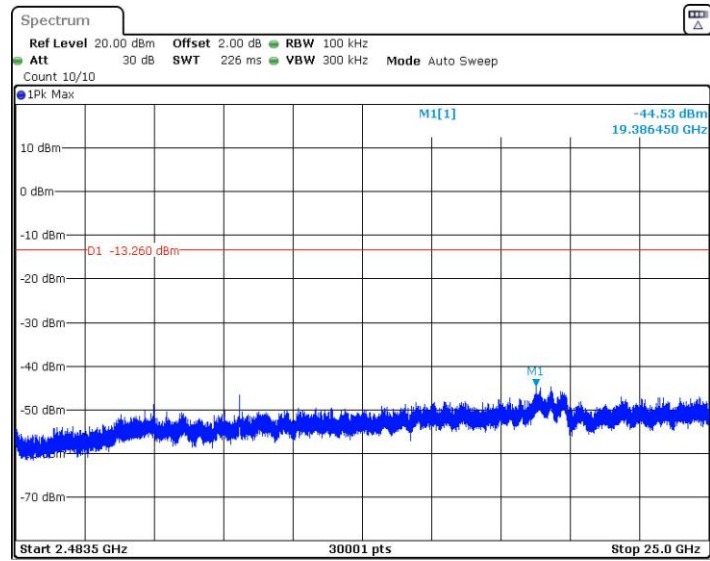
11G\_Ant1\_2412\_2483.5~25000



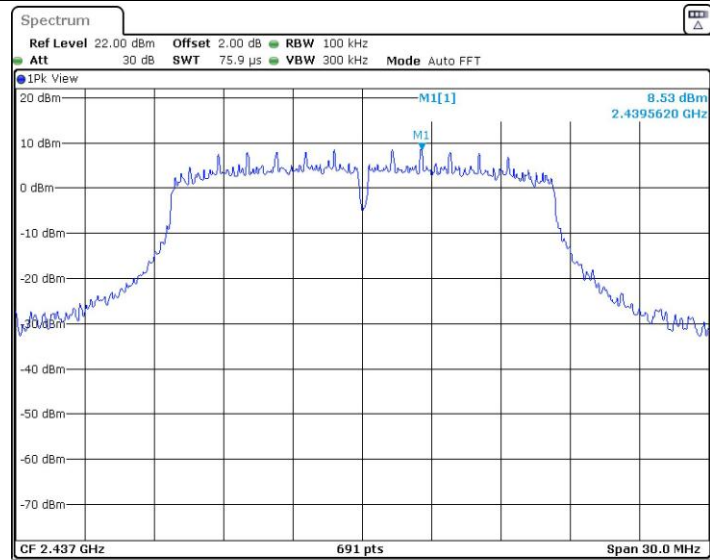
11G\_Ant0\_2437\_0~Reference



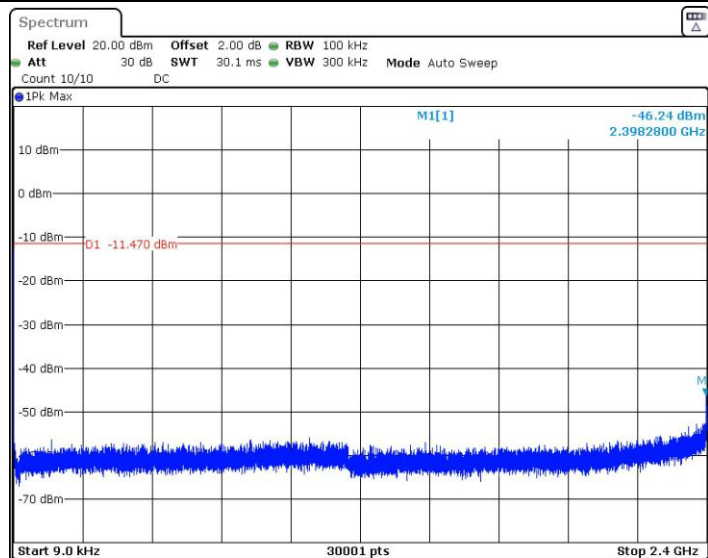
11G\_Ant0\_2437\_0.009~2400



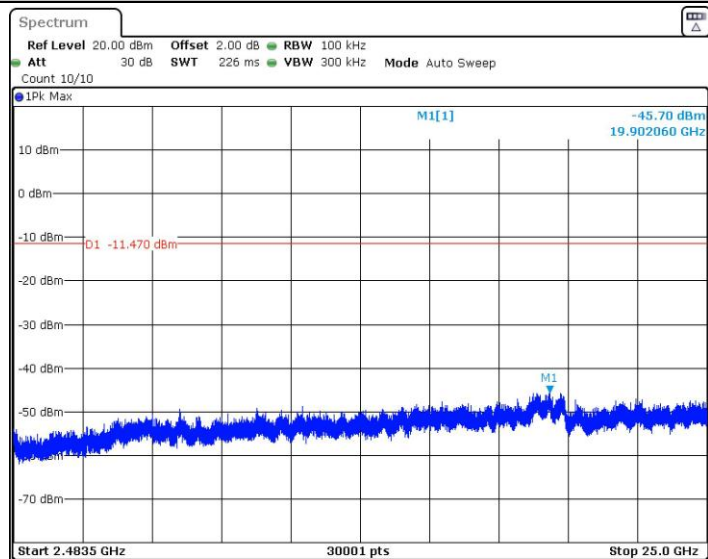
11G\_Ant0\_2437\_2483.5~25000



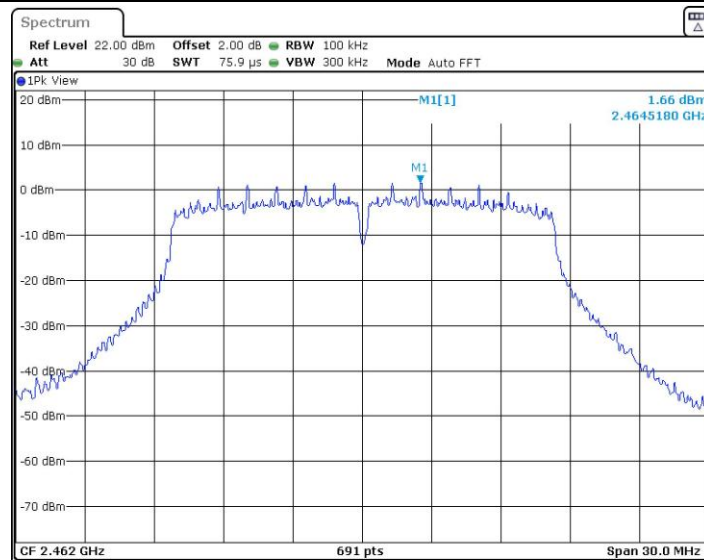
11G\_Ant1\_2437\_0~Reference



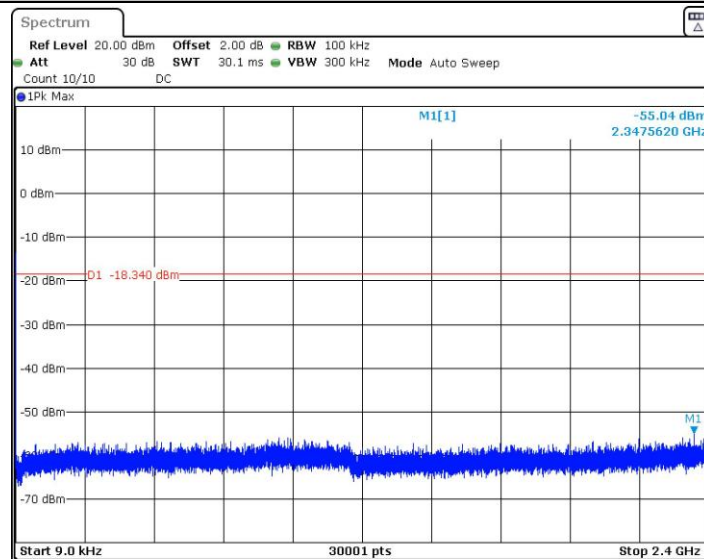
11G\_Ant1\_2437\_0.009~2400



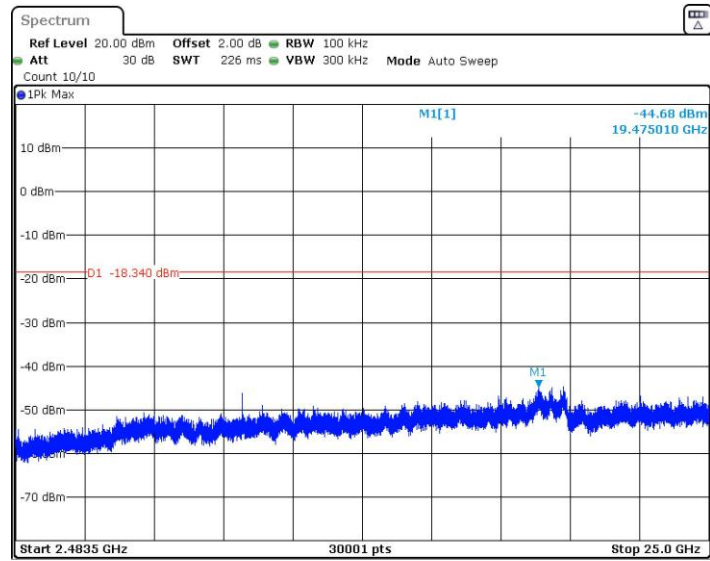
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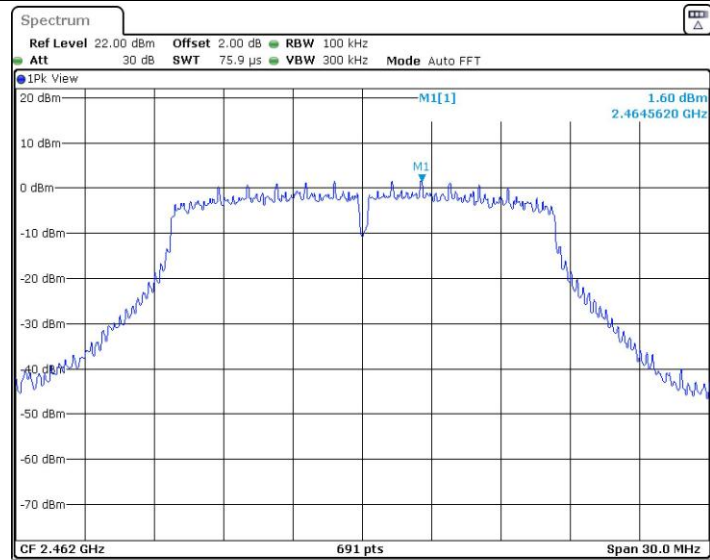
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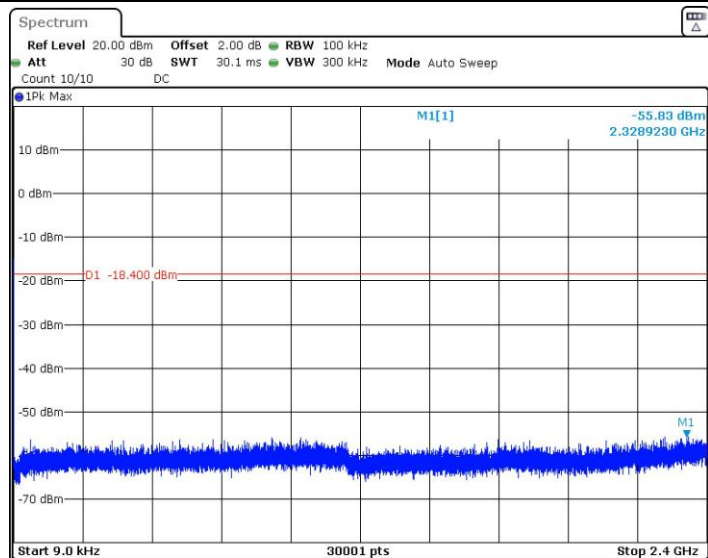
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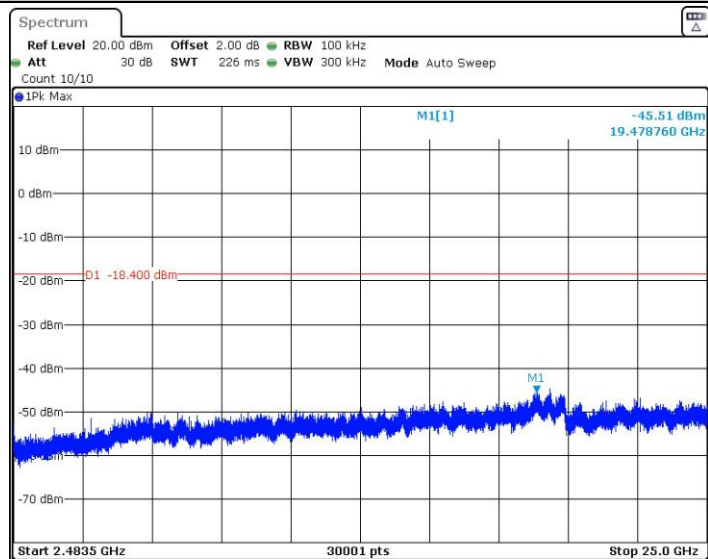
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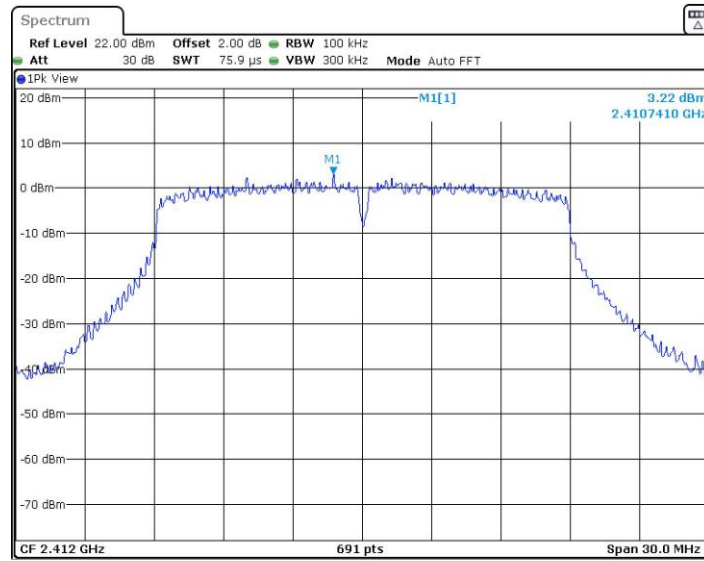
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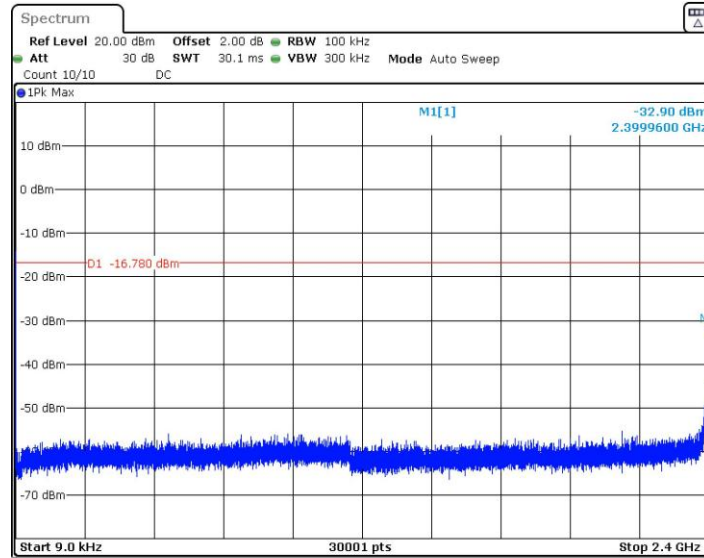
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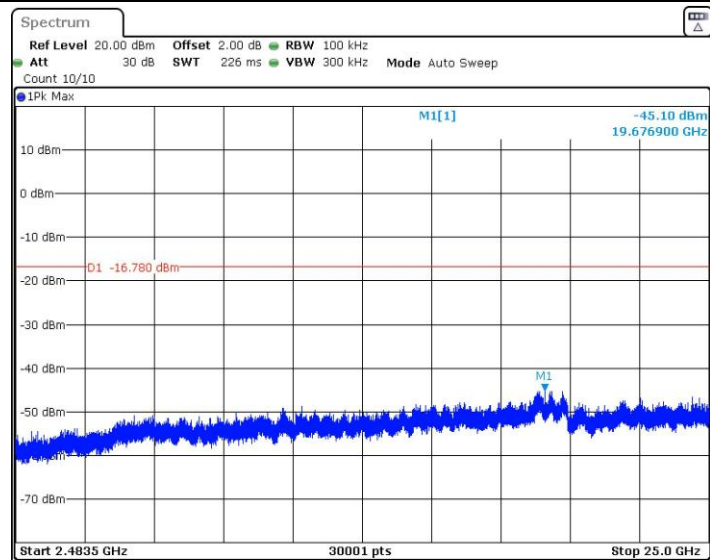
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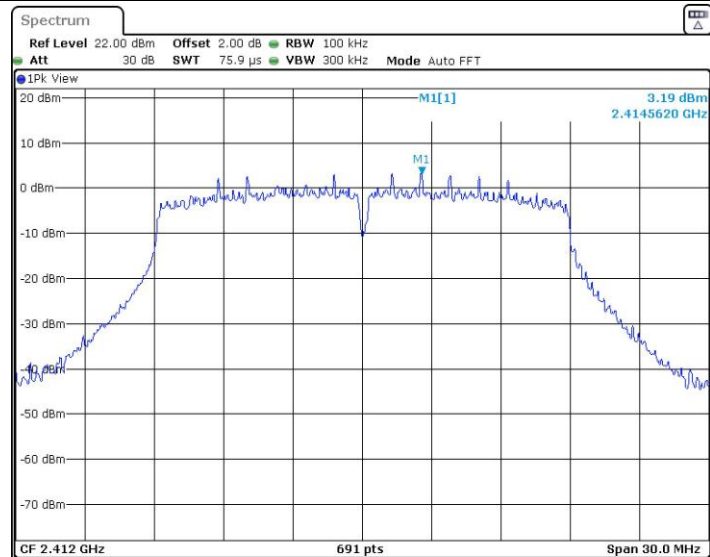
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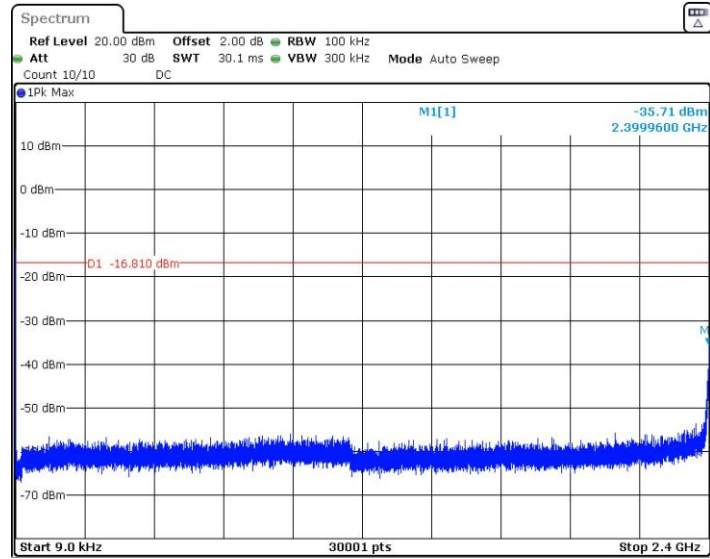
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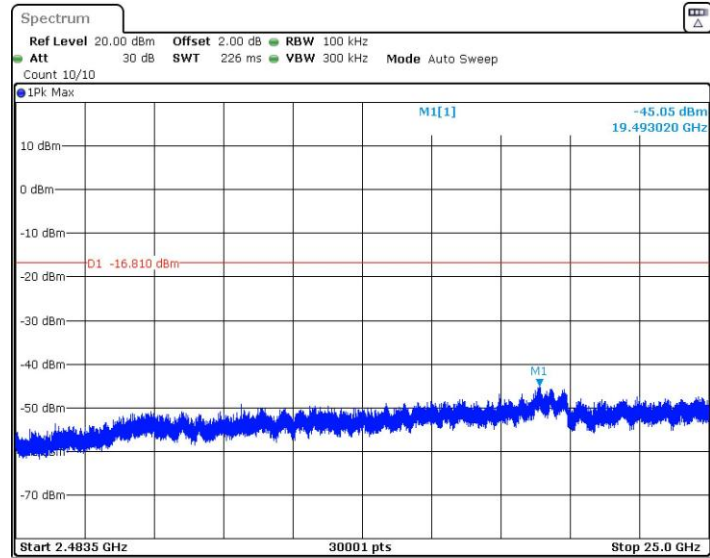
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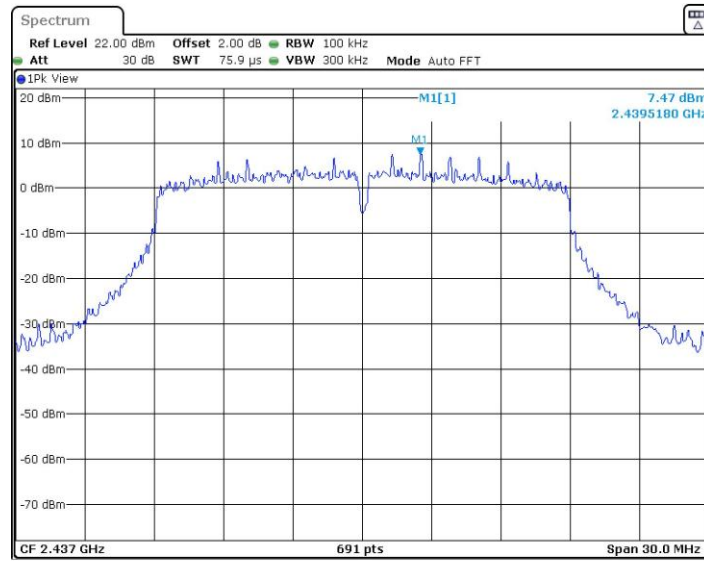
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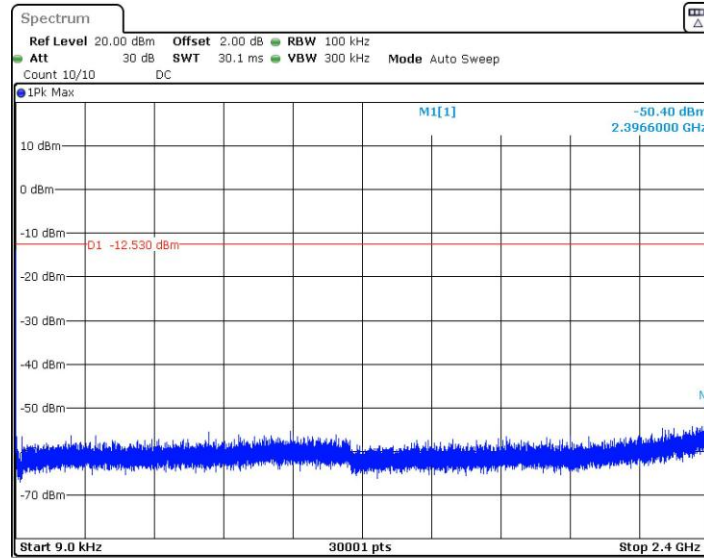
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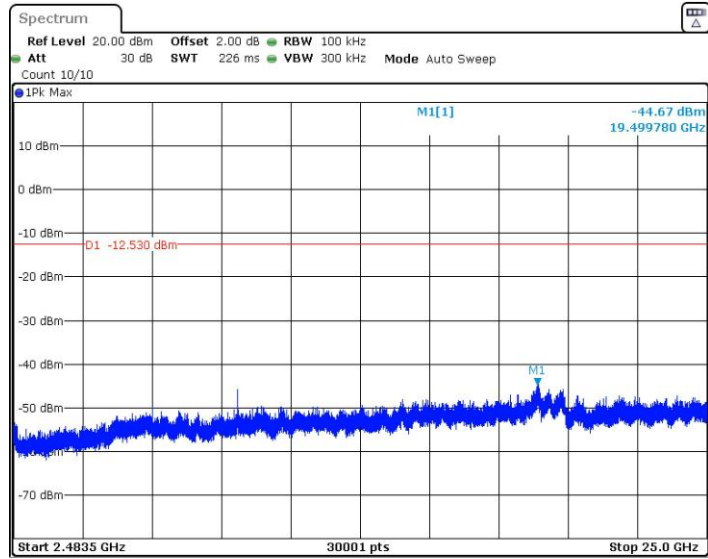
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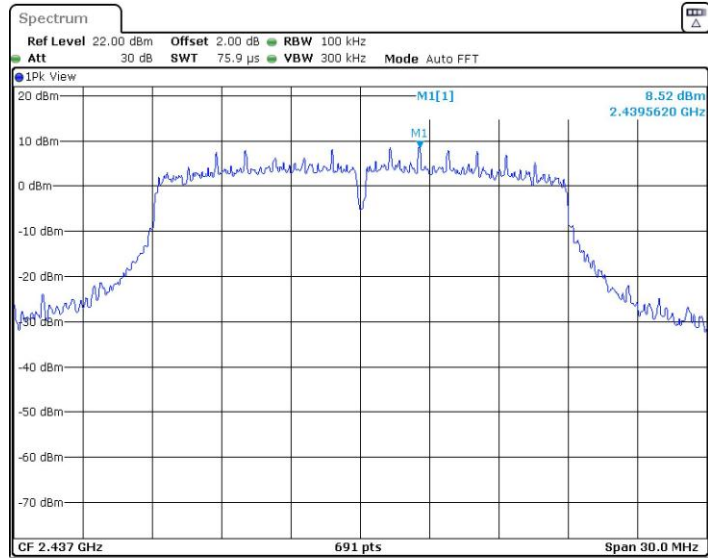
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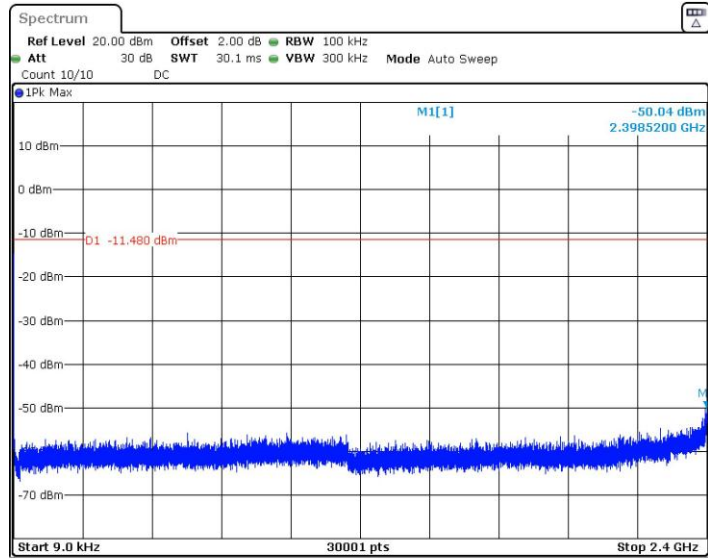
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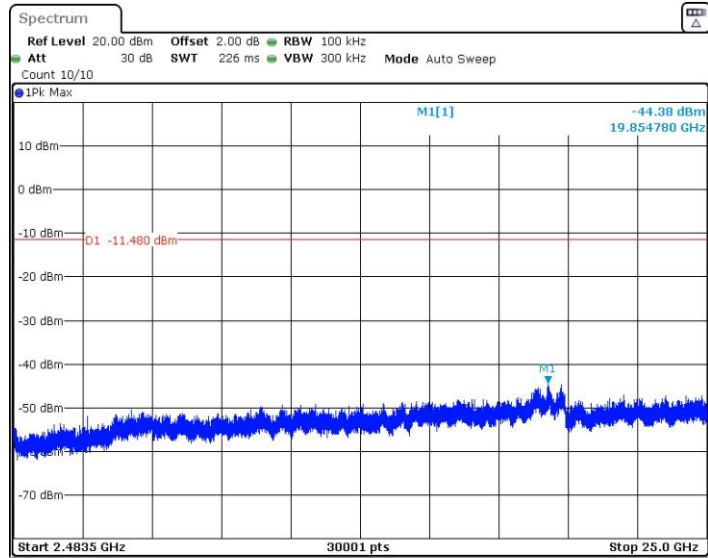
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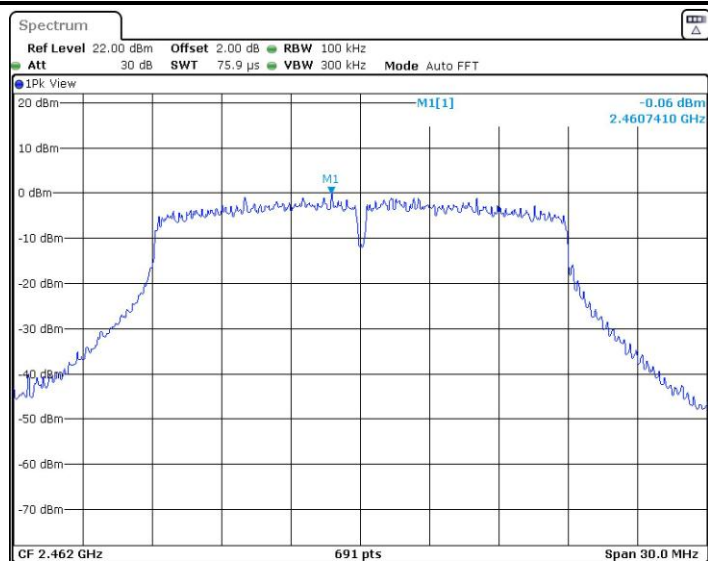
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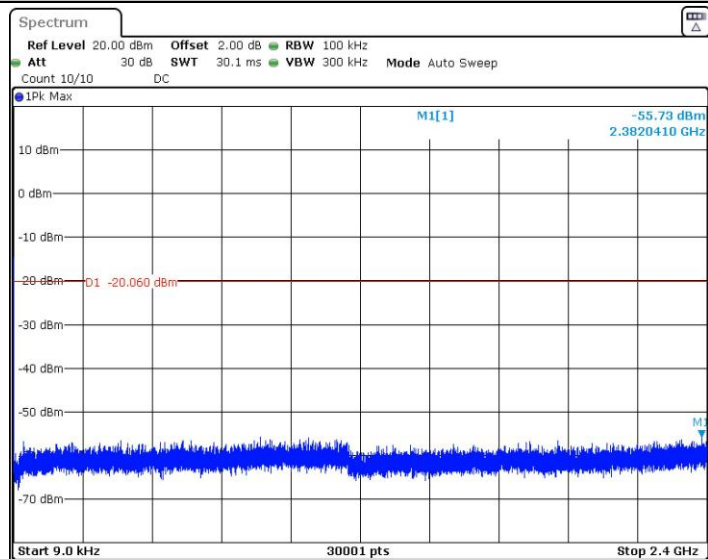
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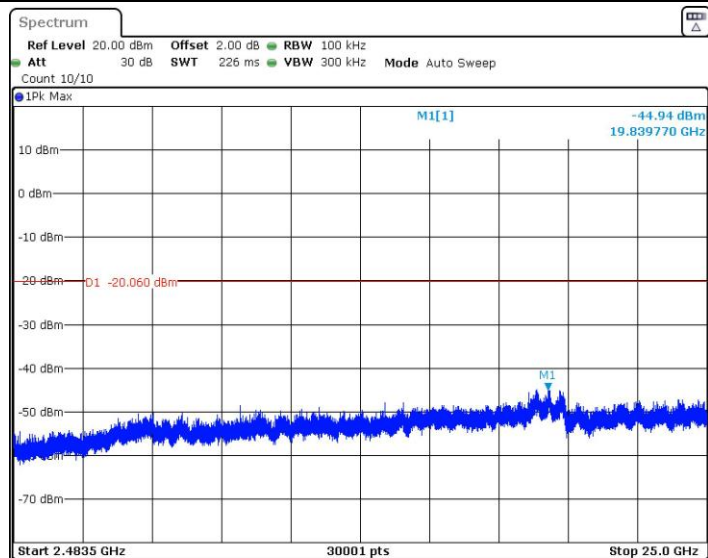
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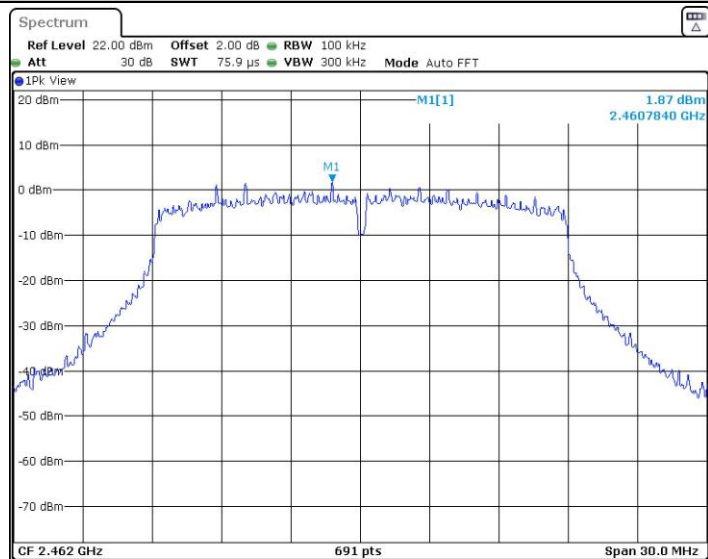
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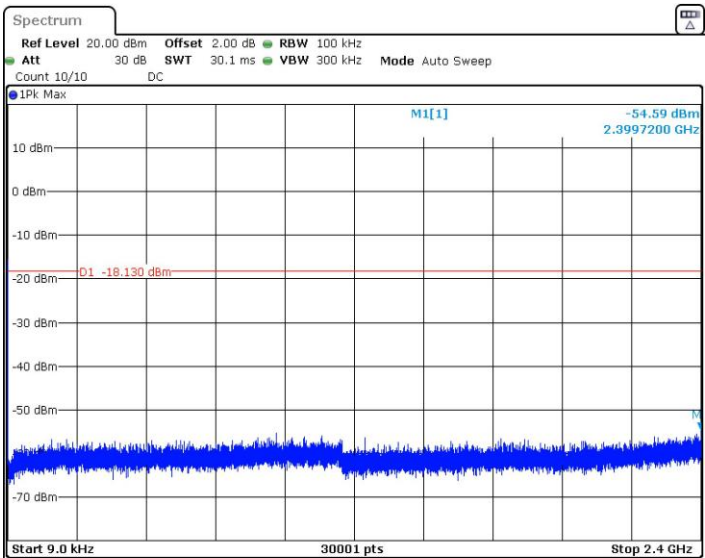
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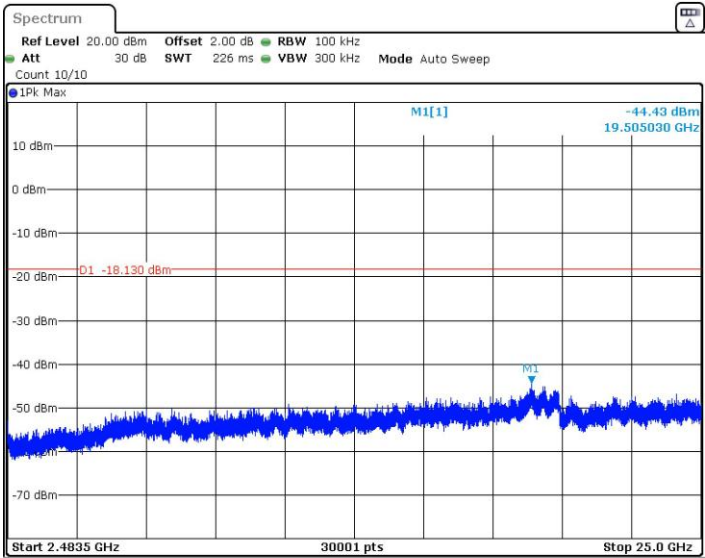
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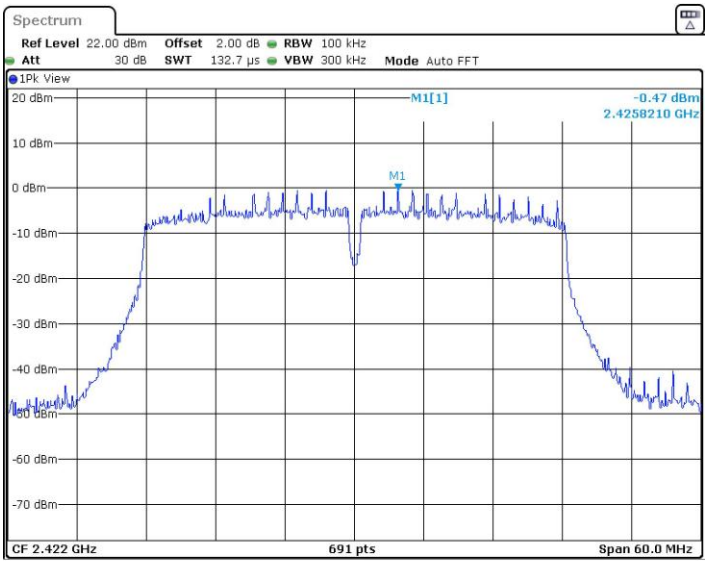
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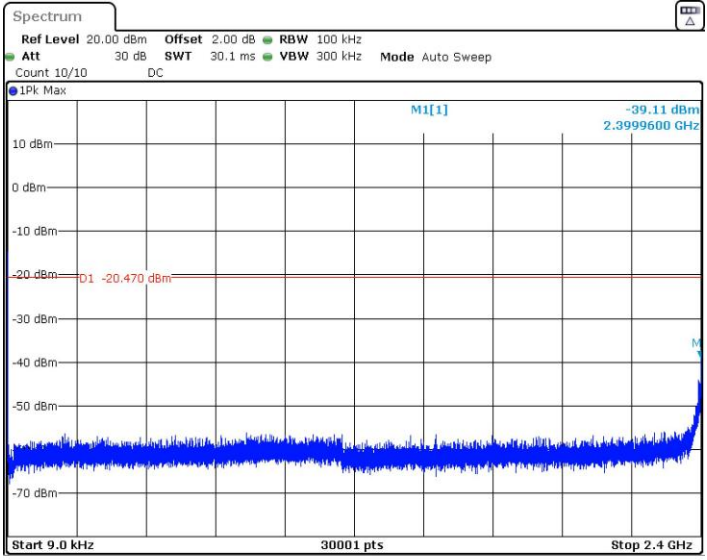
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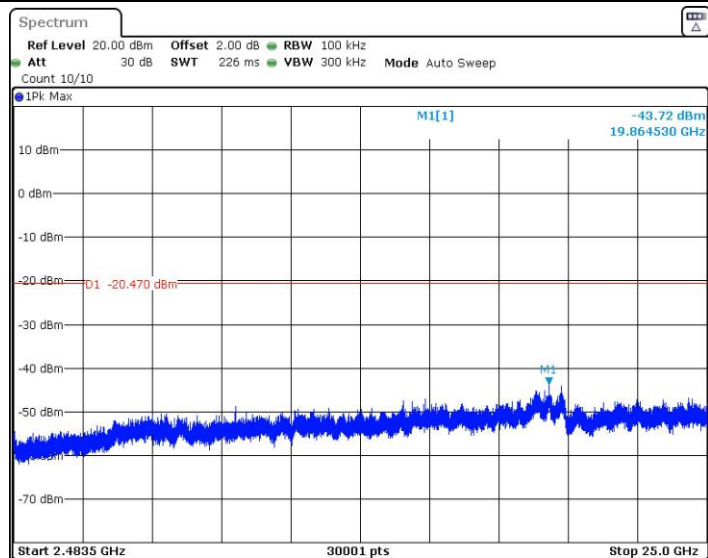
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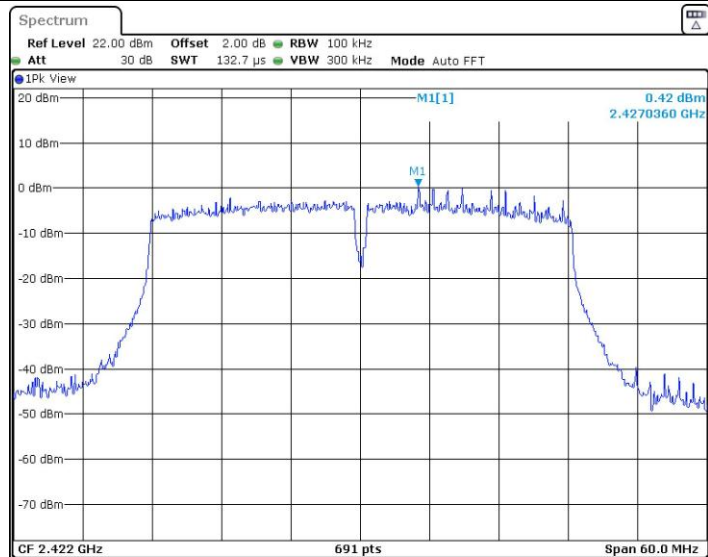
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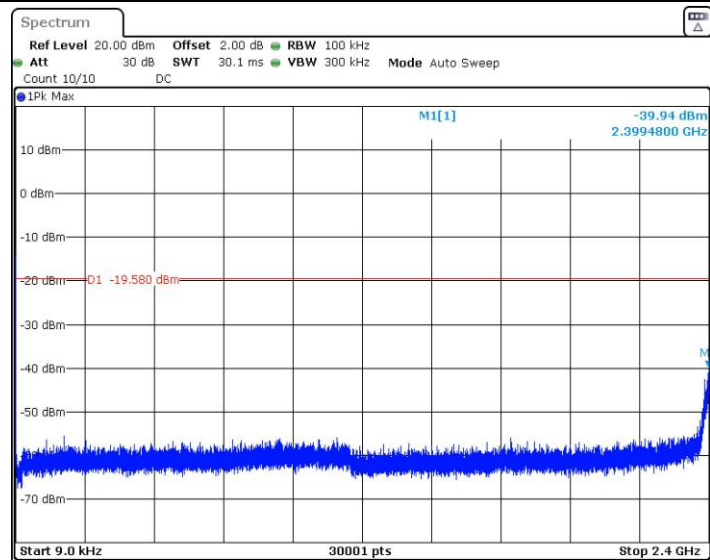
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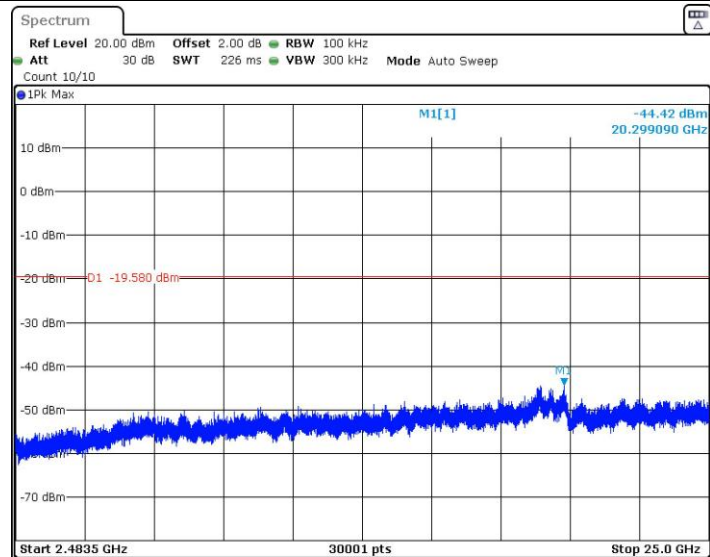
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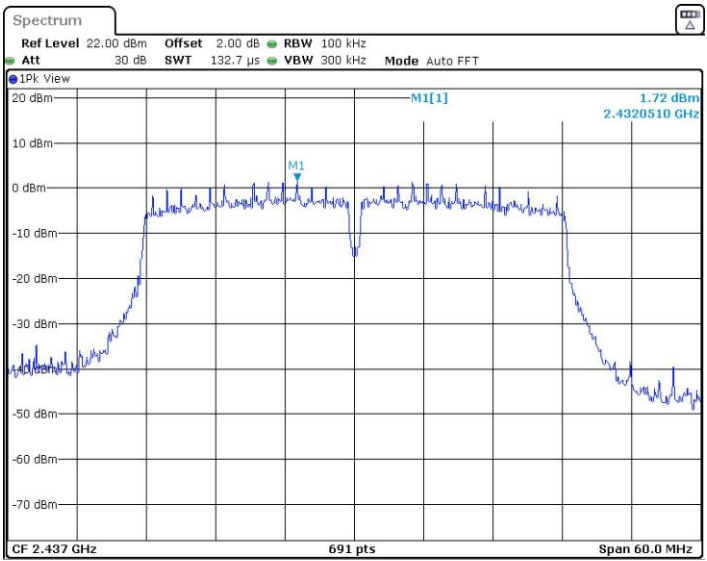
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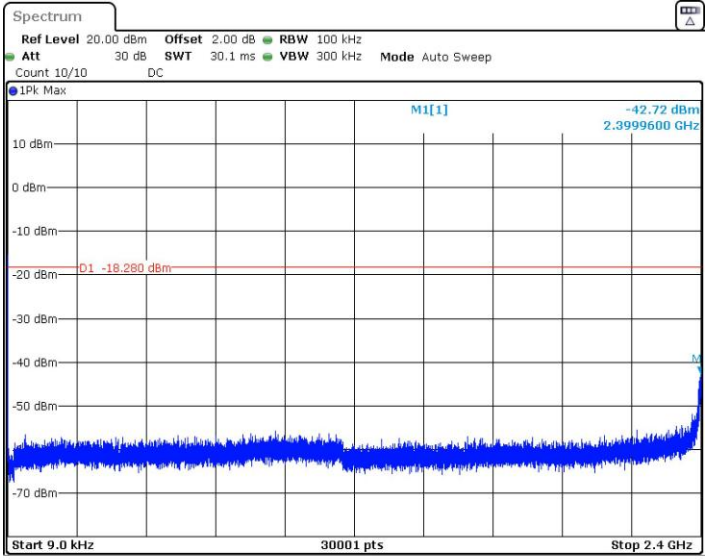
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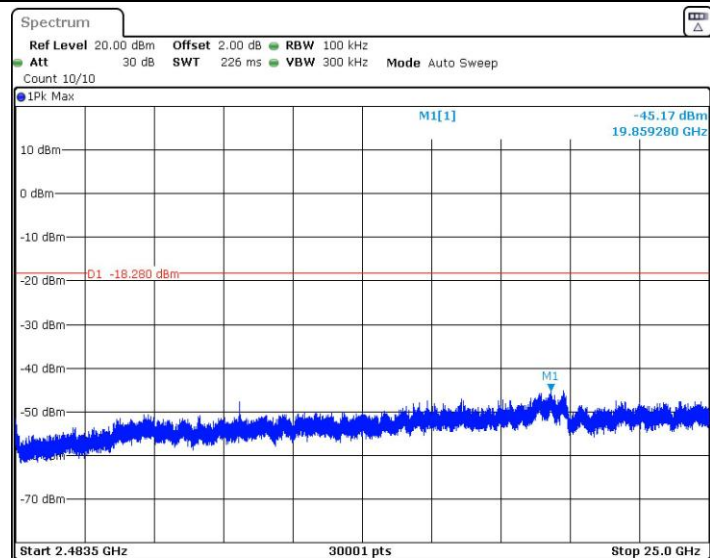
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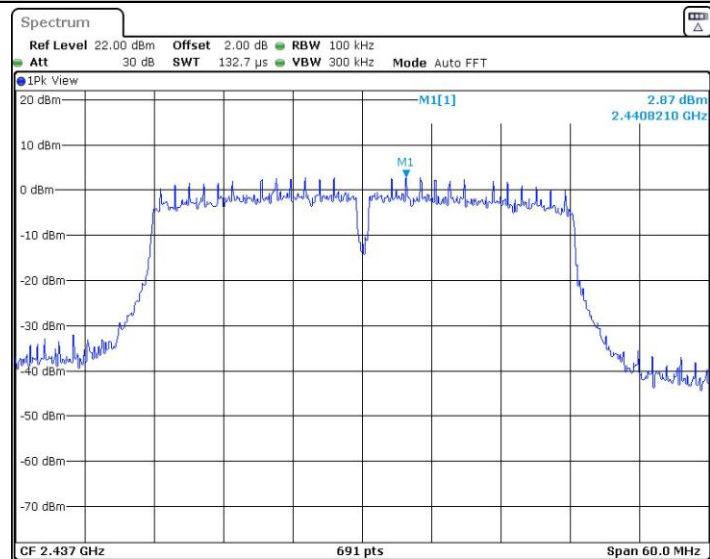
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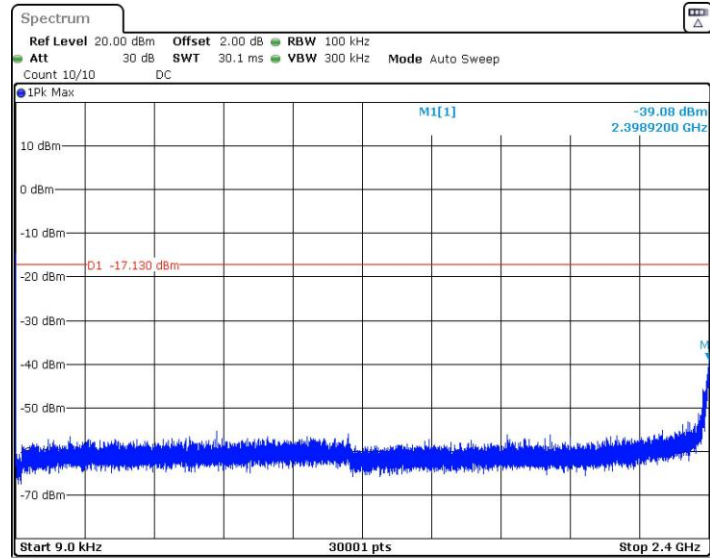
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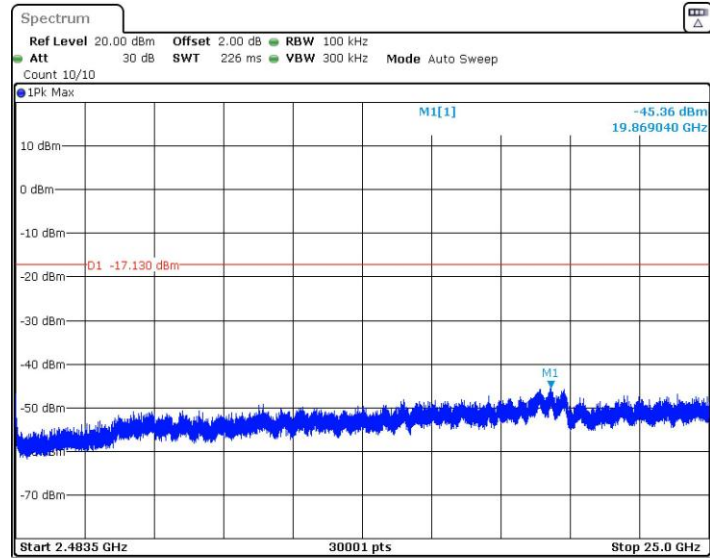
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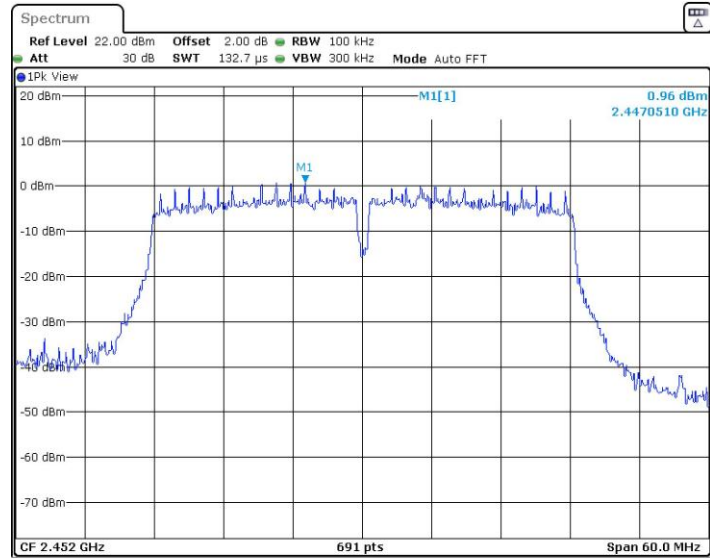
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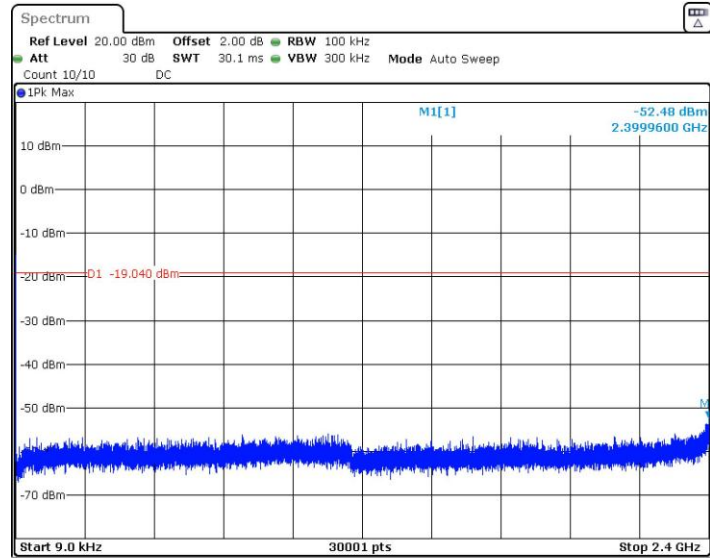
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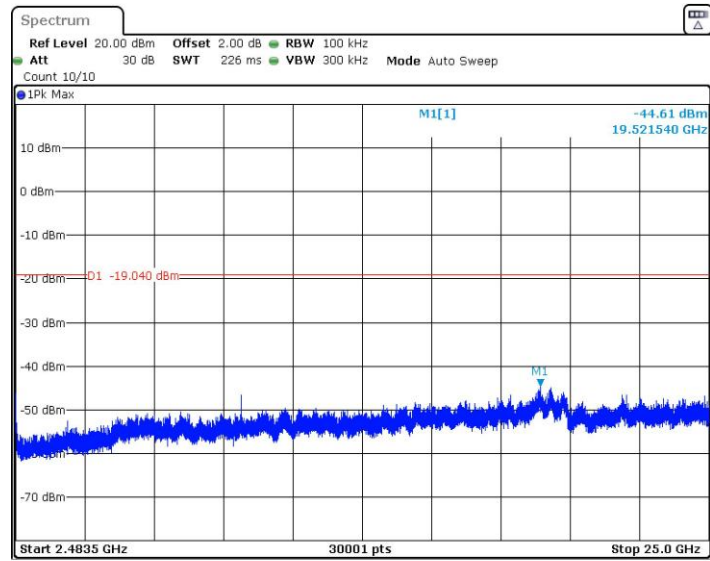
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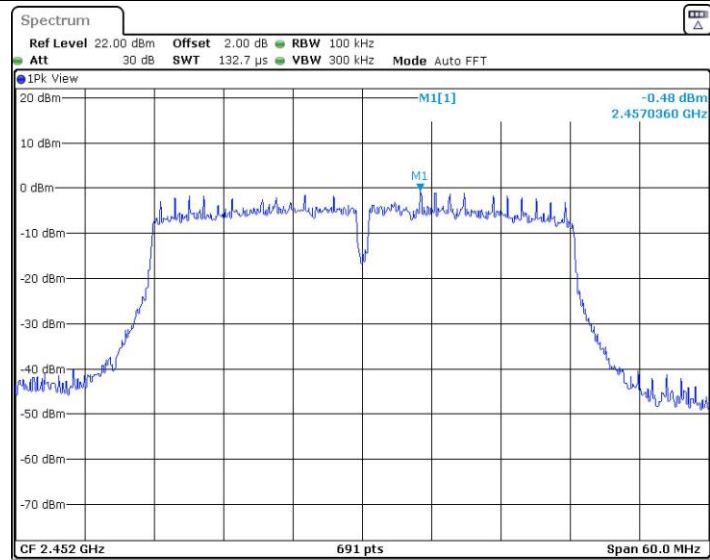
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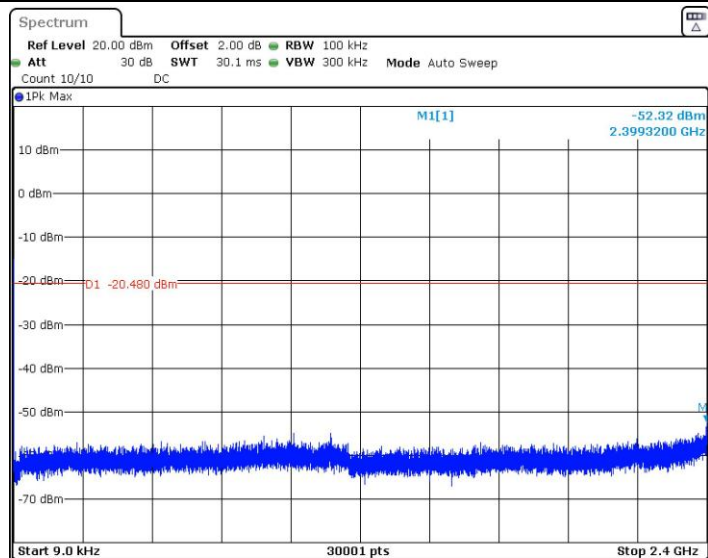
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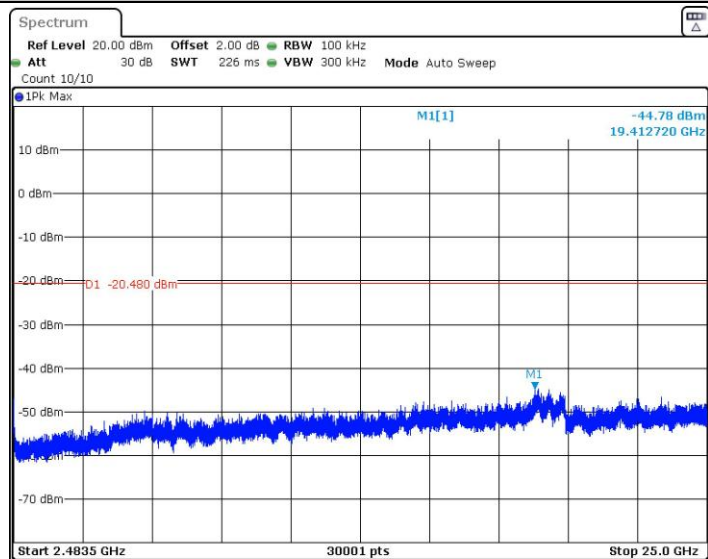
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