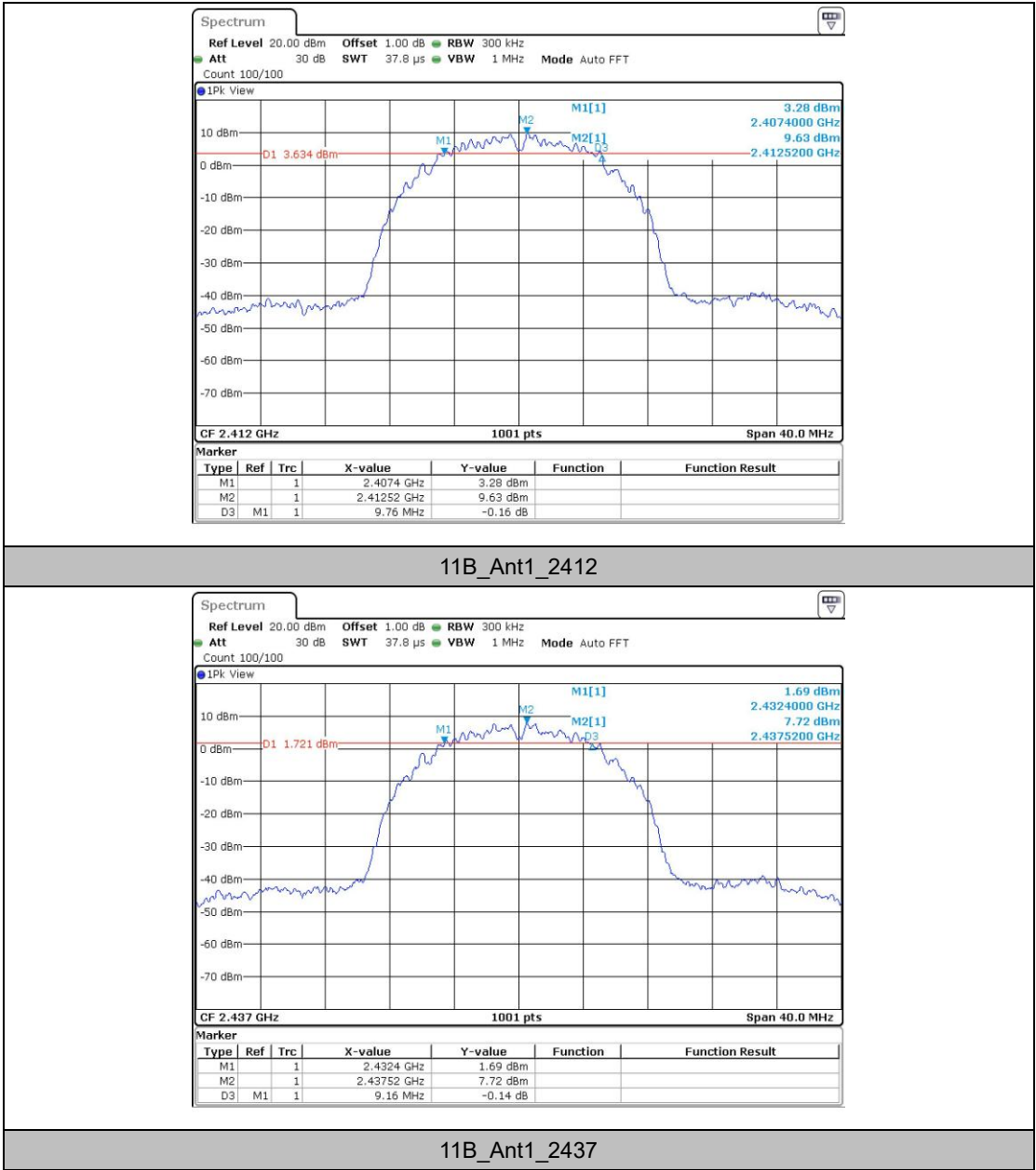


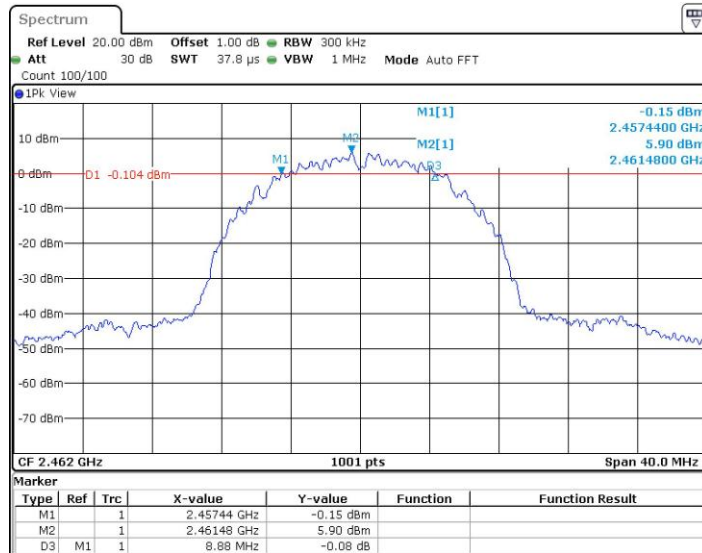
## Appendix A: DTS Bandwidth

### Test Result

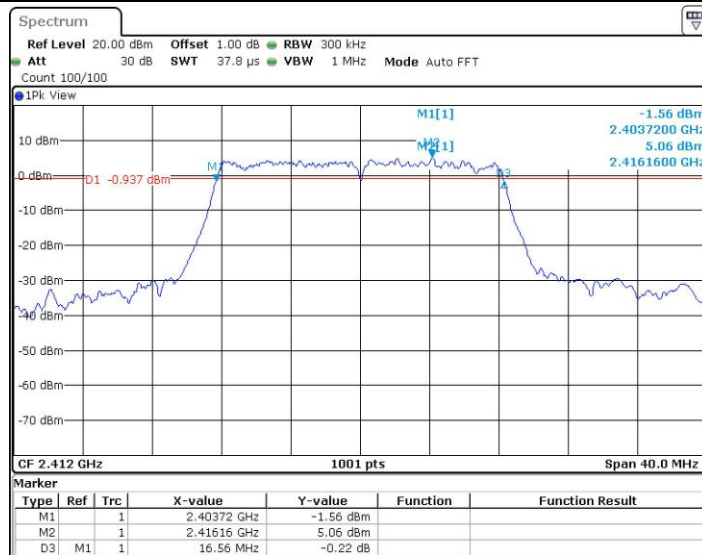
| TestMode  | Antenna | Channel | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.760           | 2407.400 | 2417.160 | 0.5        | PASS    |
|           |         | 2437    | 9.160           | 2432.400 | 2441.560 | 0.5        | PASS    |
|           |         | 2462    | 8.880           | 2457.440 | 2466.320 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 16.560          | 2403.720 | 2420.280 | 0.5        | PASS    |
|           |         | 2437    | 16.600          | 2428.720 | 2445.320 | 0.5        | PASS    |
|           |         | 2462    | 16.560          | 2453.720 | 2470.280 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 17.600          | 2403.200 | 2420.800 | 0.5        | PASS    |
|           |         | 2437    | 17.560          | 2428.240 | 2445.800 | 0.5        | PASS    |
|           |         | 2462    | 17.560          | 2453.240 | 2470.800 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422    | 36.080          | 2404.000 | 2440.080 | 0.5        | PASS    |
|           |         | 2437    | 36.080          | 2419.080 | 2455.160 | 0.5        | PASS    |
|           |         | 2452    | 36.080          | 2434.080 | 2470.160 | 0.5        | PASS    |

Test Graphs

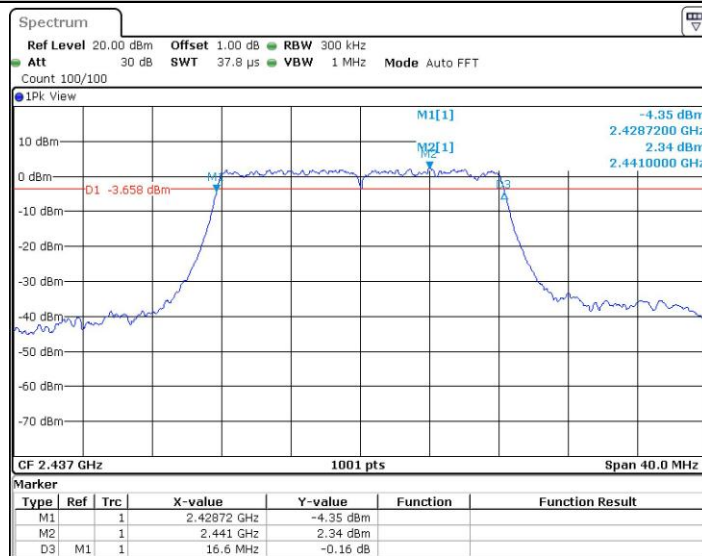




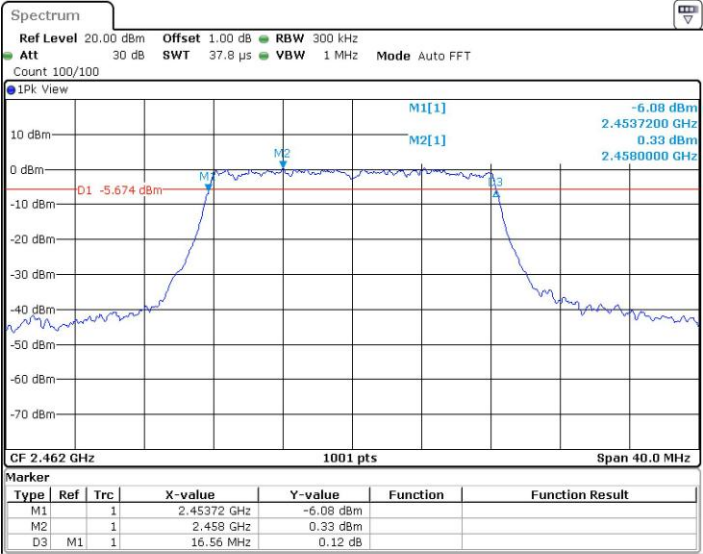
11B\_Ant1\_2462



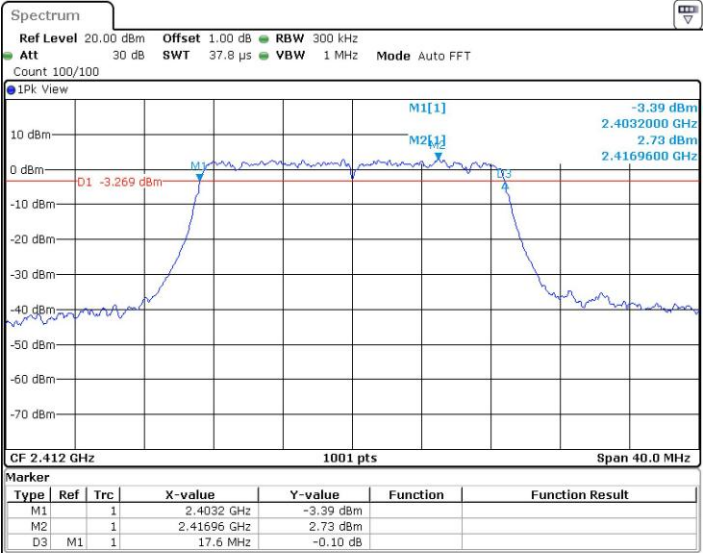
11G\_Ant1\_2412



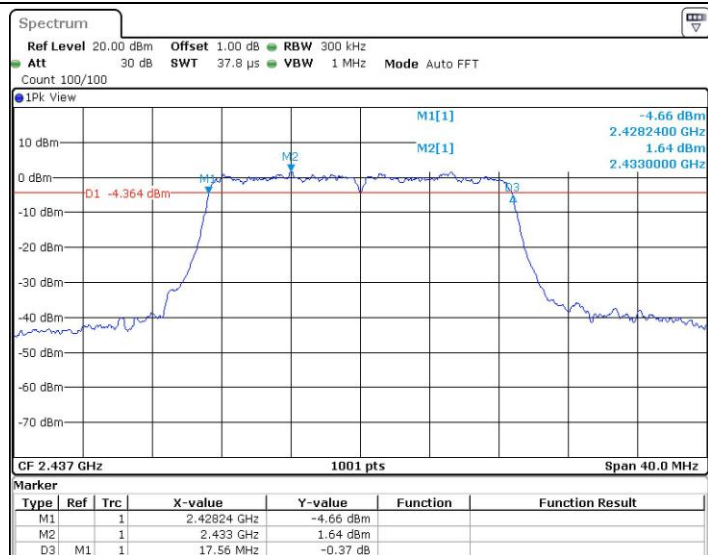
11G\_Ant1\_2437



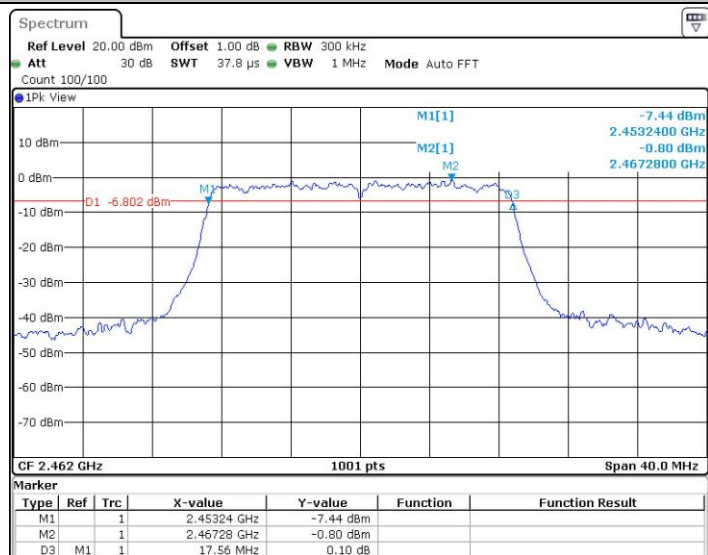
11G\_Ant1\_2462



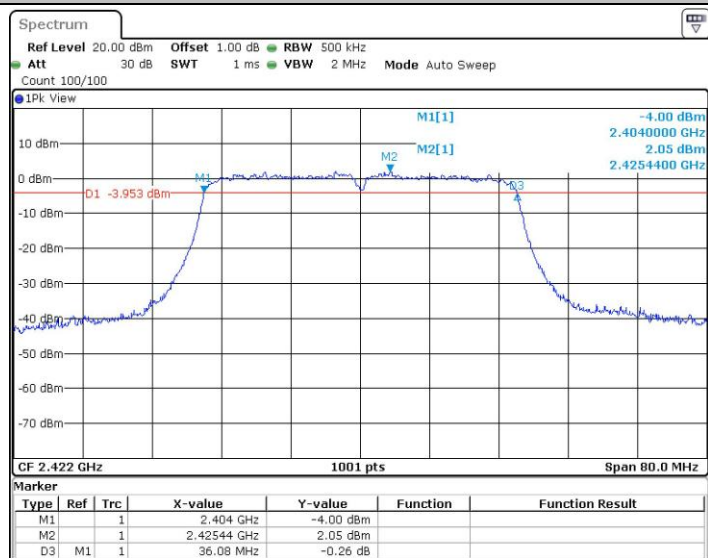
11N20SISO\_Ant1\_2412



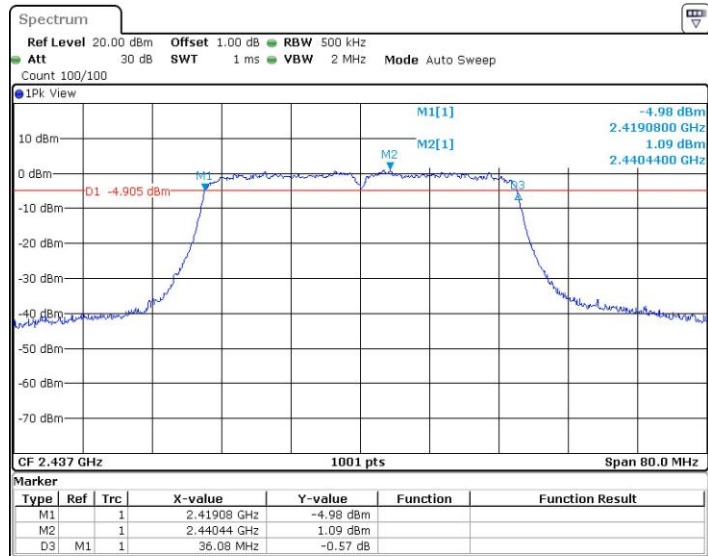
11N20SISO\_Ant1\_2437



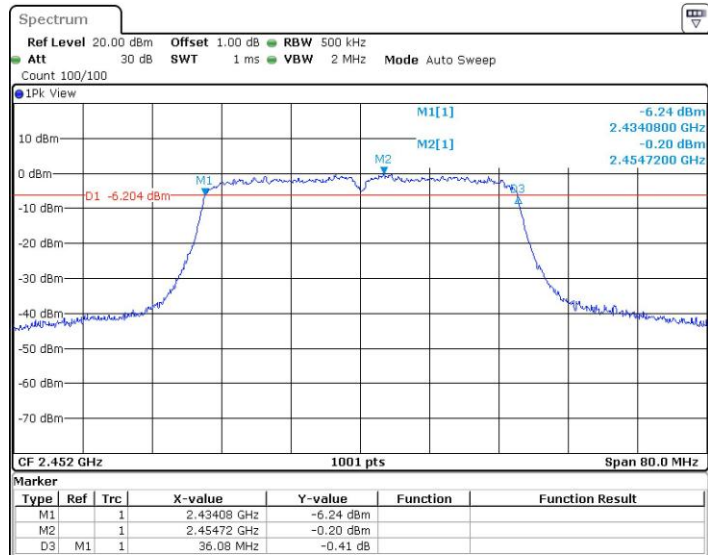
11N20SISO\_Ant1\_2462



# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



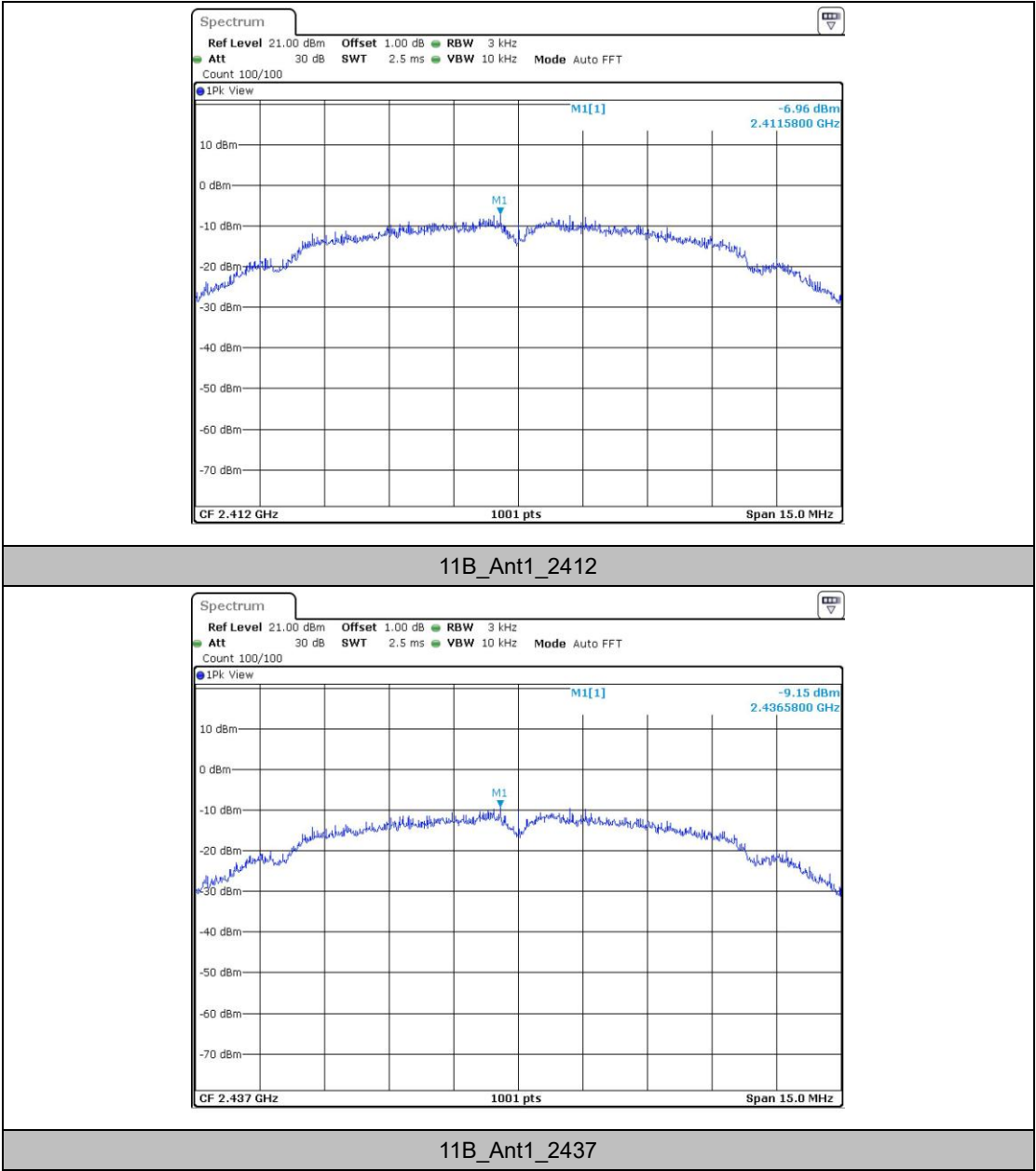
# 11N40SISO\_Ant1\_2452

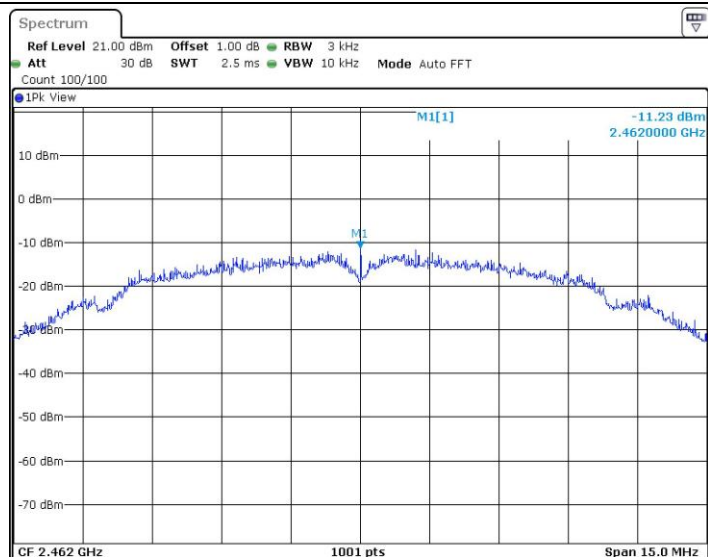
## Appendix D: Maximum power spectral density

### Test Result

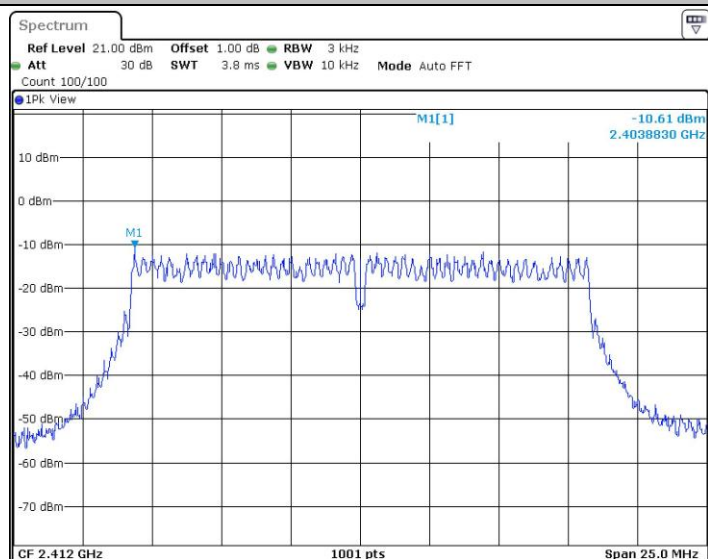
| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -6.96                | <=8             | PASS    |
|           |         | 2437    | -9.15                | <=8             | PASS    |
|           |         | 2462    | -11.23               | <=8             | PASS    |
| 11G       | Ant1    | 2412    | -10.61               | <=8             | PASS    |
|           |         | 2437    | -12.9                | <=8             | PASS    |
|           |         | 2462    | -13.4                | <=8             | PASS    |
| 11N20SISO | Ant1    | 2412    | -11.97               | <=8             | PASS    |
|           |         | 2437    | -13.99               | <=8             | PASS    |
|           |         | 2462    | -14.72               | <=8             | PASS    |
| 11N40SISO | Ant1    | 2422    | -15.48               | <=8             | PASS    |
|           |         | 2437    | -15.05               | <=8             | PASS    |
|           |         | 2452    | -15.57               | <=8             | PASS    |

Test Graphs

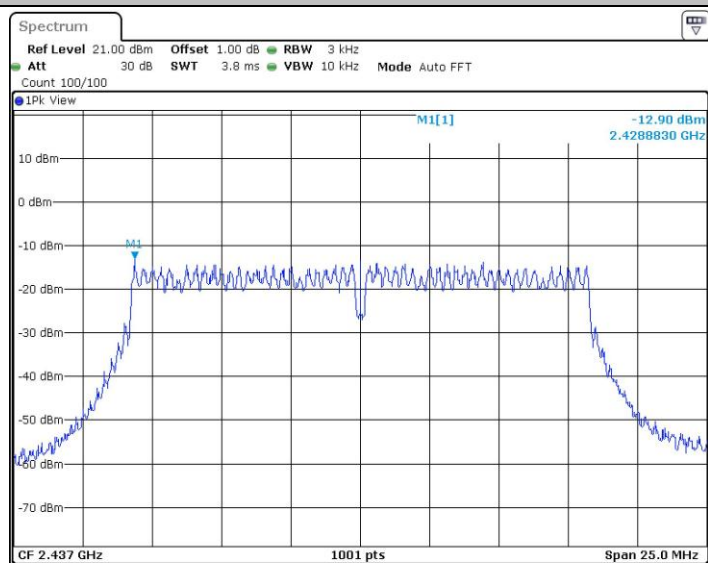




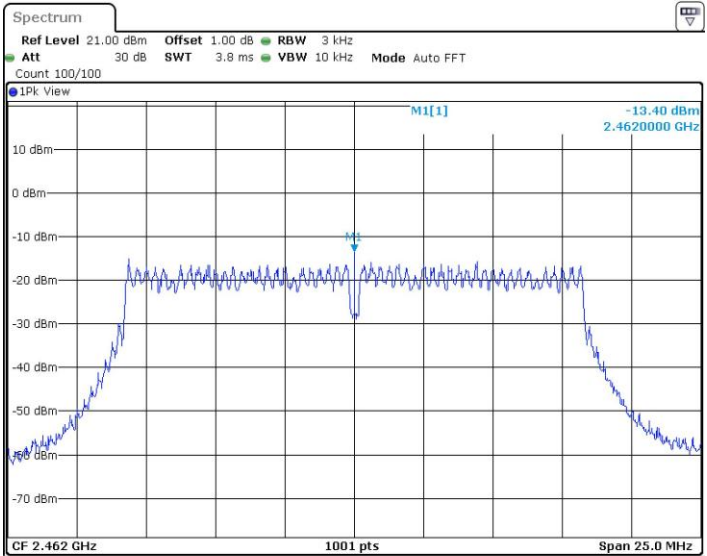
11B\_Ant1\_2462



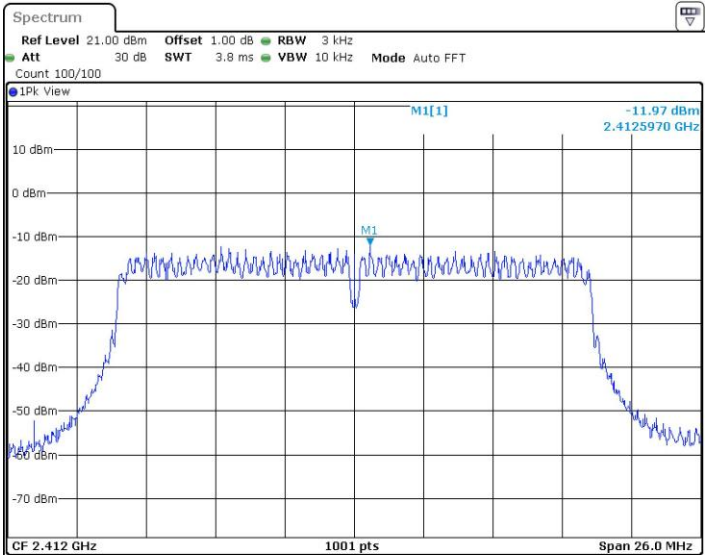
11G\_Ant1\_2412



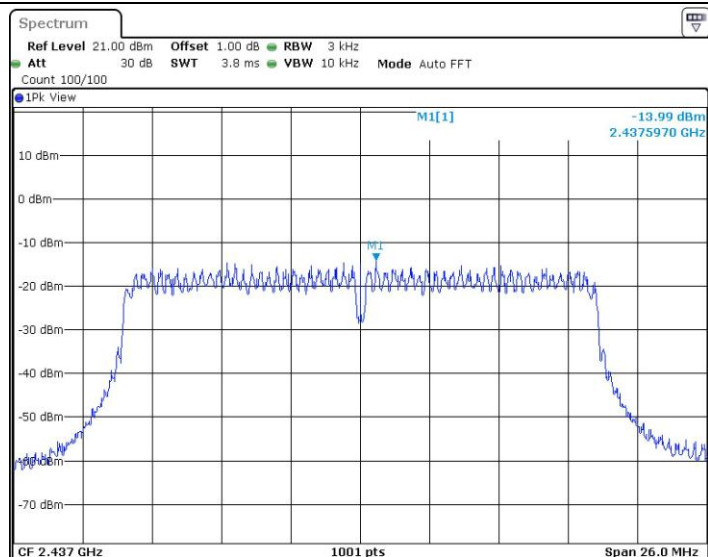
11G\_Ant1\_2437



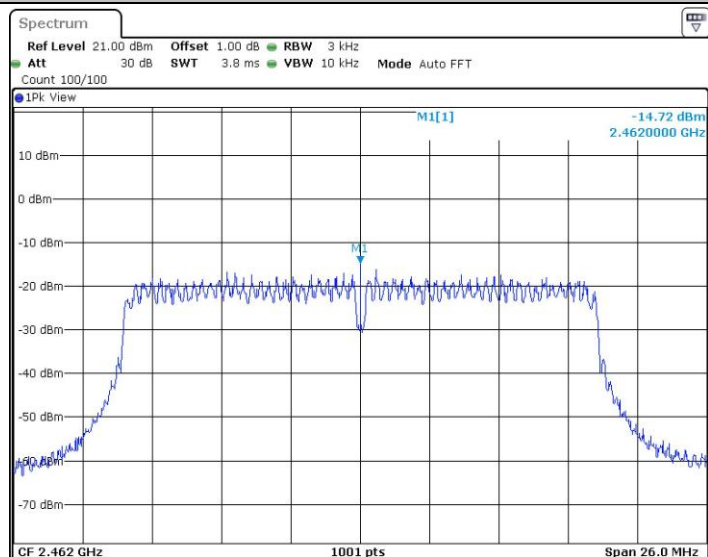
11G\_Ant1\_2462



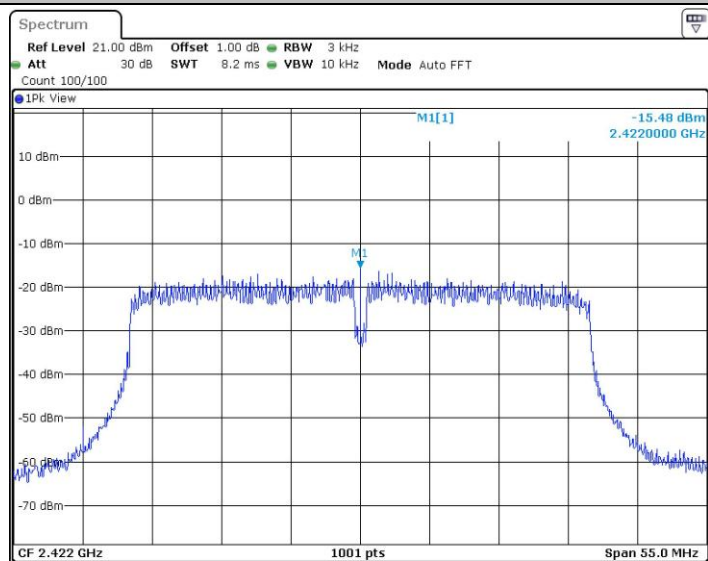
11N20SISO\_Ant1\_2412



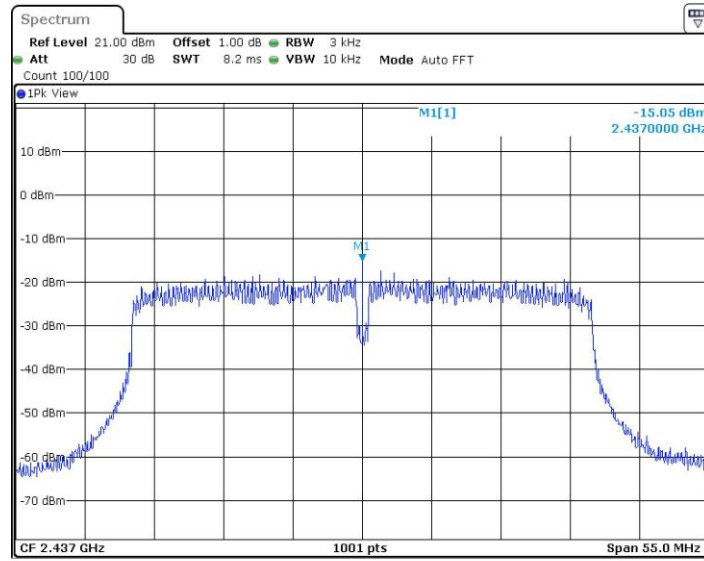
11N20SISO\_Ant1\_2437



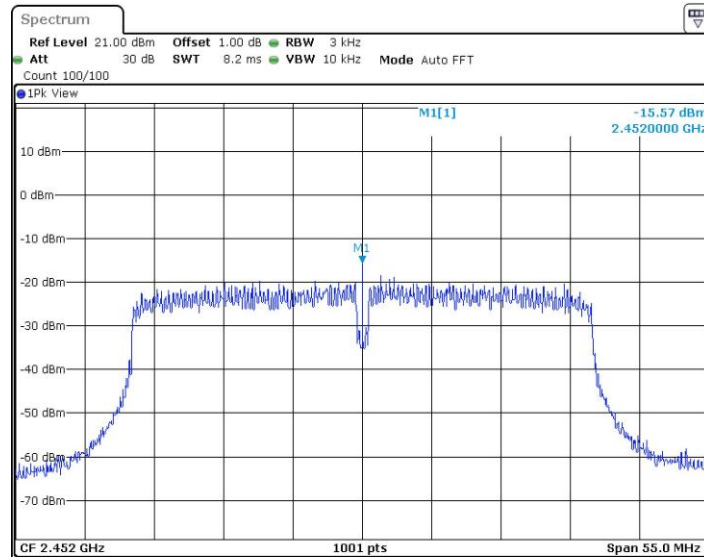
11N20SISO\_Ant1\_2462



# 11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



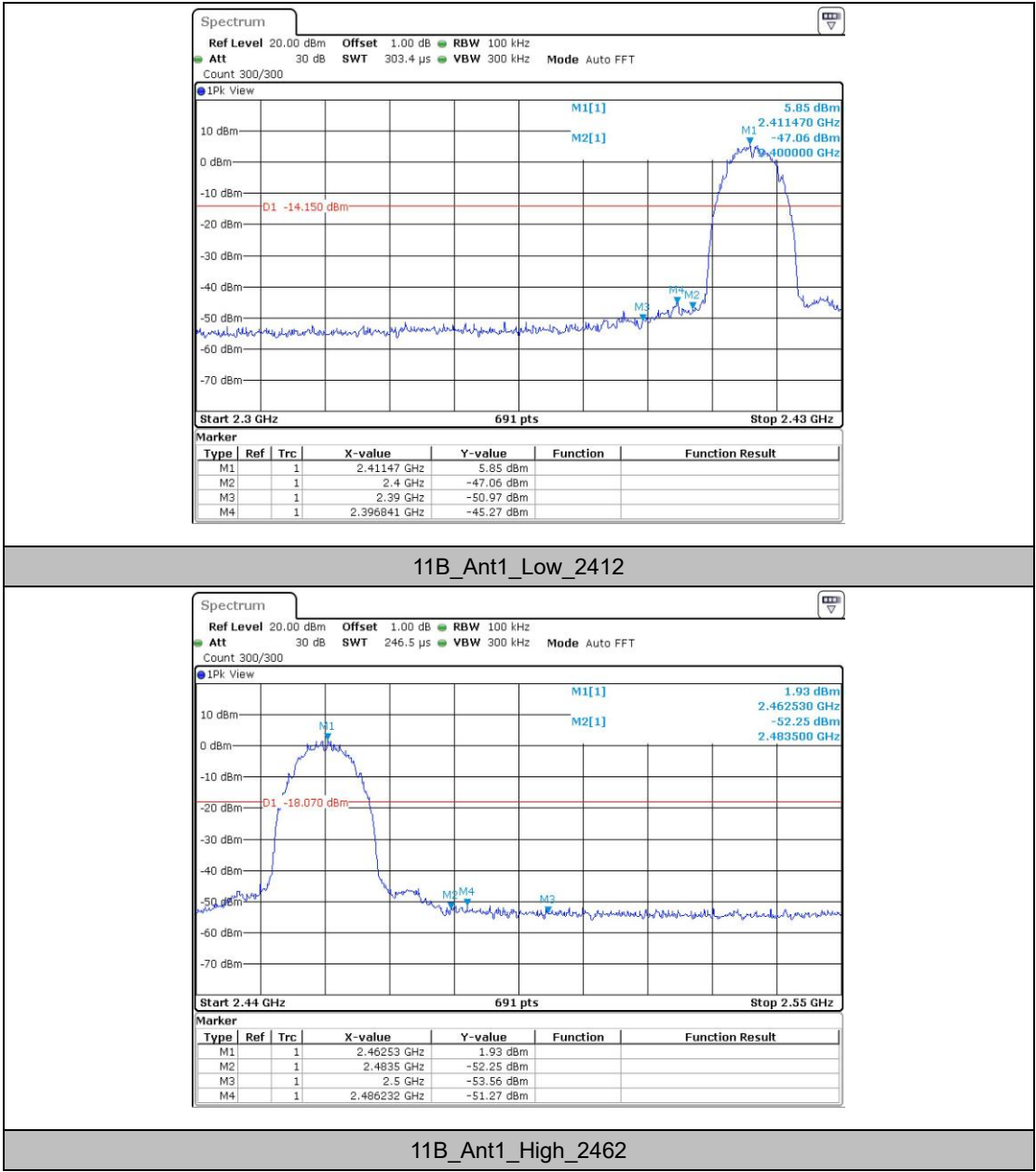
# 11N40SISO\_Ant1\_2452

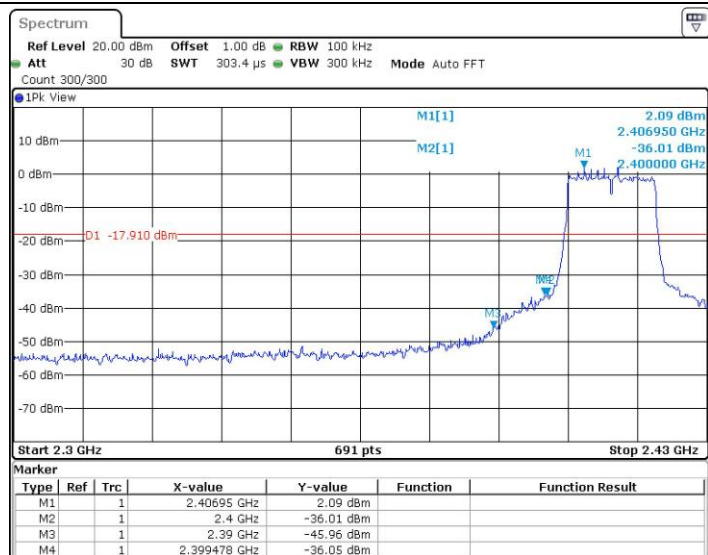
## Appendix E: Band edge measurements

### Test Result

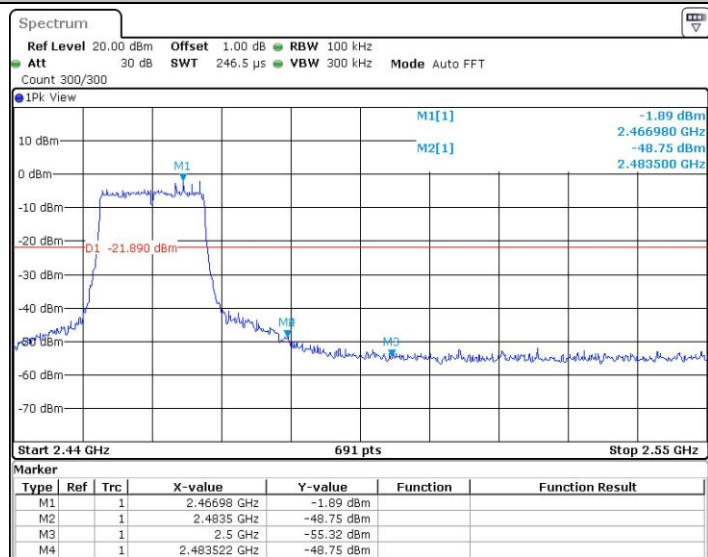
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low    | 2412    | 5.85          | -45.27      | <=-14.15   | PASS    |
|           |         | High   | 2462    | 1.93          | -51.27      | <=-18.07   | PASS    |
| 11G       | Ant1    | Low    | 2412    | 2.09          | -36.05      | <=-17.91   | PASS    |
|           |         | High   | 2462    | -1.89         | -48.75      | <=-21.89   | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | 0.63          | -41.61      | <=-19.37   | PASS    |
|           |         | High   | 2462    | -5.84         | -49.32      | <=-25.84   | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | -3.13         | -37.99      | <=-23.13   | PASS    |
|           |         | High   | 2452    | -5.15         | -47.49      | <=-25.15   | PASS    |

# Test Graphs

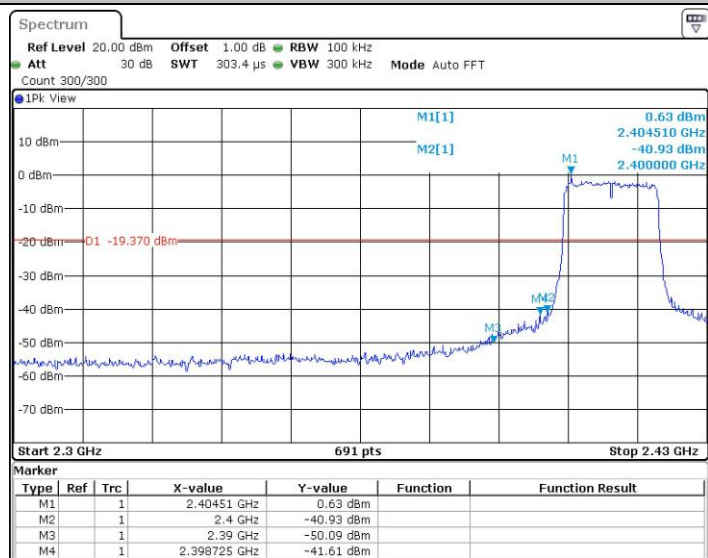




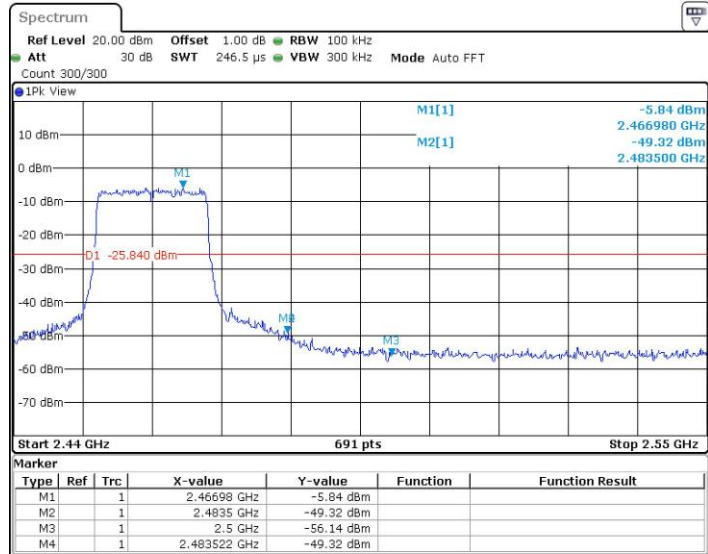
11G\_Ant1\_Low\_2412



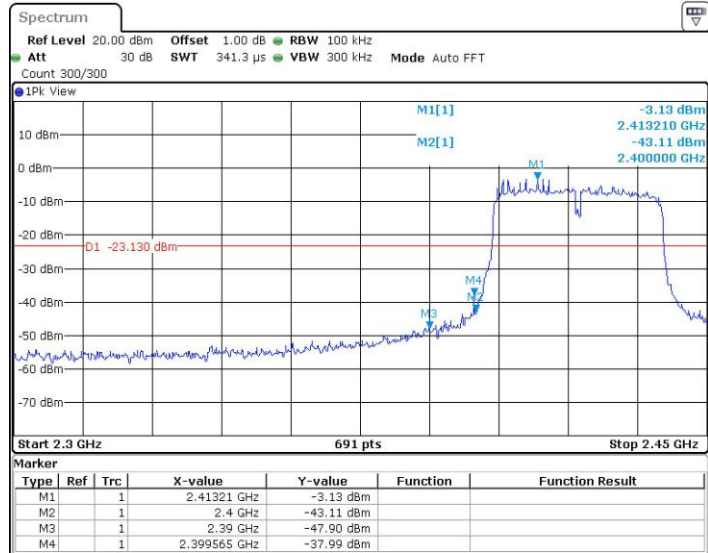
11G\_Ant1\_High\_2462



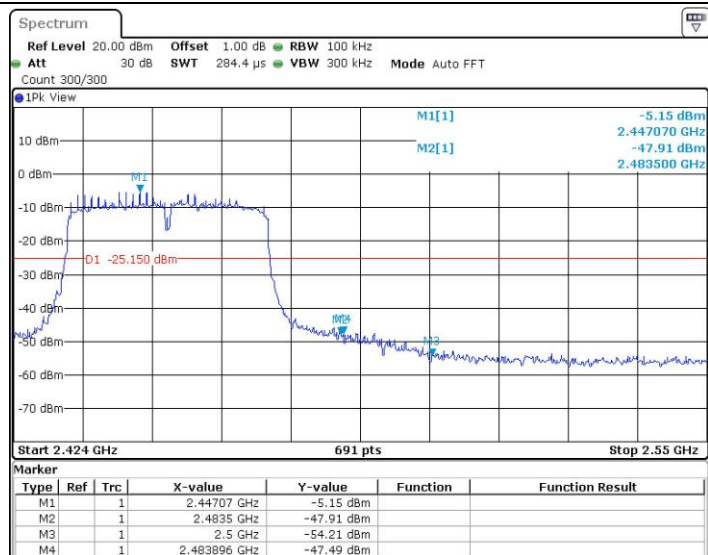
# 11N20SISO\_Ant1\_Low\_2412



# 11N20SISO\_Ant1\_High\_2462



# 11N40SISO\_Ant1\_Low\_2422



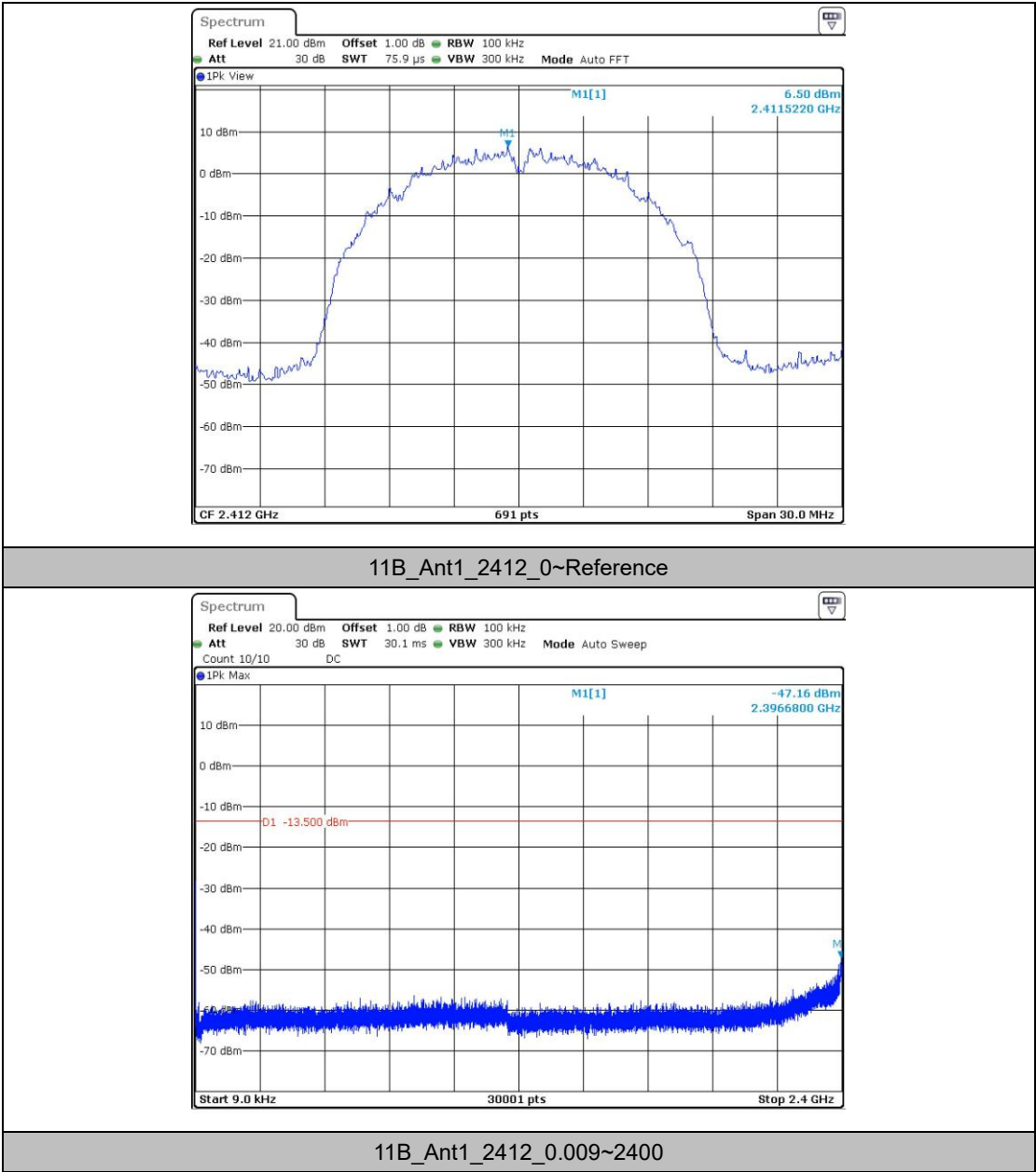
11N40SISO\_Ant1\_High\_2452

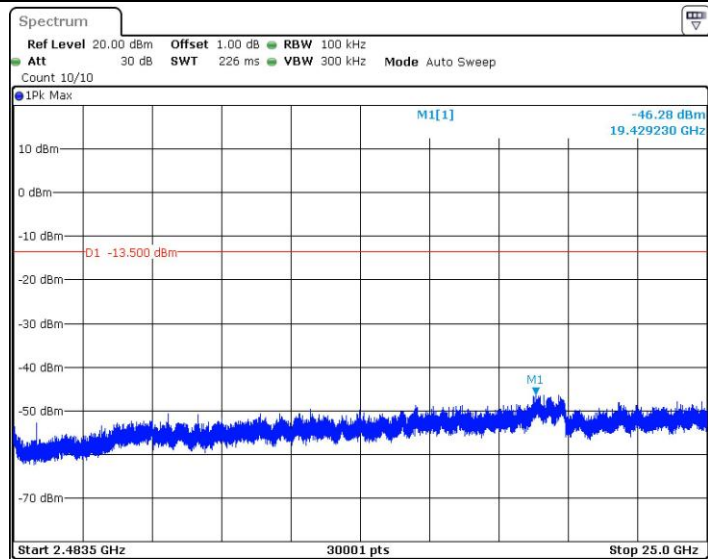
## Appendix F: Conducted Spurious Emission

### Test Result

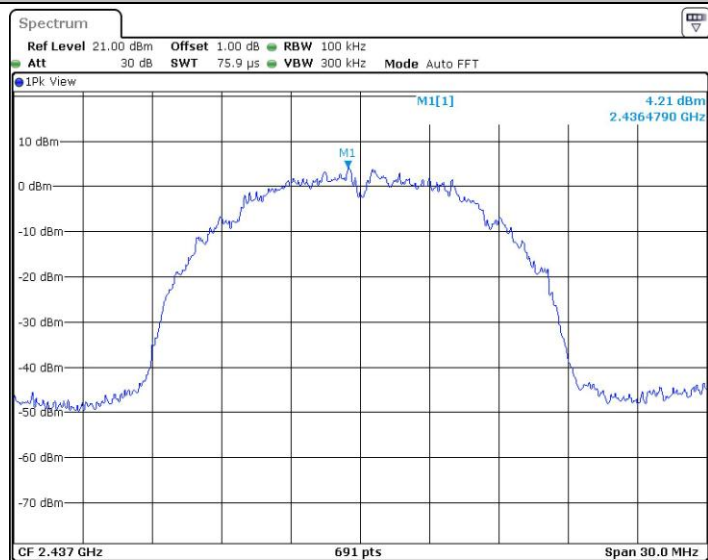
| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 6.50              | 6.50            | ---            | PASS    |
|           |         |         | 0.009~2400         | 6.50              | -47.16          | <=-13.5        | PASS    |
|           |         |         | 2483.5~25000       | 6.50              | -46.28          | <=-13.5        | PASS    |
|           |         | 2437    | Reference          | 4.21              | 4.21            | ---            | PASS    |
|           |         |         | 0.009~2400         | 4.21              | -51.73          | <=-15.79       | PASS    |
|           |         |         | 2483.5~25000       | 4.21              | -45.94          | <=-15.79       | PASS    |
|           |         | 2462    | Reference          | 1.98              | 1.98            | ---            | PASS    |
|           |         |         | 0.009~2400         | 1.98              | -52.03          | <=-18.02       | PASS    |
|           |         |         | 2483.5~25000       | 1.98              | -45.87          | <=-18.02       | PASS    |
| 11G       | Ant1    | 2412    | Reference          | 0.34              | 0.34            | ---            | PASS    |
|           |         |         | 0.009~2400         | 0.34              | -40.07          | <=-19.66       | PASS    |
|           |         |         | 2483.5~25000       | 0.34              | -46.06          | <=-19.66       | PASS    |
|           |         | 2437    | Reference          | 0.18              | 0.18            | ---            | PASS    |
|           |         |         | 0.009~2400         | 0.18              | -52.81          | <=-19.82       | PASS    |
|           |         |         | 2483.5~25000       | 0.18              | -45.88          | <=-19.82       | PASS    |
|           |         | 2462    | Reference          | -4.47             | -4.47           | ---            | PASS    |
|           |         |         | 0.009~2400         | -4.47             | -52.87          | <=-24.47       | PASS    |
|           |         |         | 2483.5~25000       | -4.47             | -45.61          | <=-24.47       | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | -1.18             | -1.18           | ---            | PASS    |
|           |         |         | 0.009~2400         | -1.18             | -43.73          | <=-21.18       | PASS    |
|           |         |         | 2483.5~25000       | -1.18             | -45.38          | <=-21.18       | PASS    |
|           |         | 2437    | Reference          | -0.80             | -0.80           | ---            | PASS    |
|           |         |         | 0.009~2400         | -0.80             | -51.6           | <=-20.8        | PASS    |
|           |         |         | 2483.5~25000       | -0.80             | -45.89          | <=-20.8        | PASS    |
|           |         | 2462    | Reference          | -5.60             | -5.60           | ---            | PASS    |
|           |         |         | 0.009~2400         | -5.60             | -53.9           | <=-25.6        | PASS    |
|           |         |         | 2483.5~25000       | -5.60             | -45.51          | <=-25.6        | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference          | -3.45             | -3.45           | ---            | PASS    |
|           |         |         | 0.009~2400         | -3.45             | -44.15          | <=-23.45       | PASS    |
|           |         |         | 2483.5~25000       | -3.45             | -45.36          | <=-23.45       | PASS    |
|           |         | 2437    | Reference          | -5.04             | -5.04           | ---            | PASS    |
|           |         |         | 0.009~2400         | -5.04             | -49.98          | <=-25.04       | PASS    |
|           |         |         | 2483.5~25000       | -5.04             | -45.76          | <=-25.04       | PASS    |
|           |         | 2452    | Reference          | -5.14             | -5.14           | ---            | PASS    |
|           |         |         | 0.009~2400         | -5.14             | -51.39          | <=-25.14       | PASS    |
|           |         |         | 2483.5~25000       | -5.14             | -45.51          | <=-25.14       | PASS    |

Test Graphs

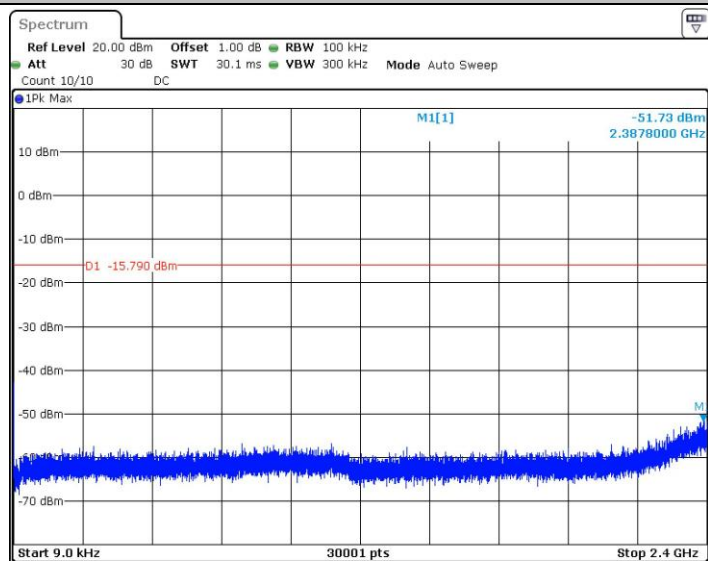




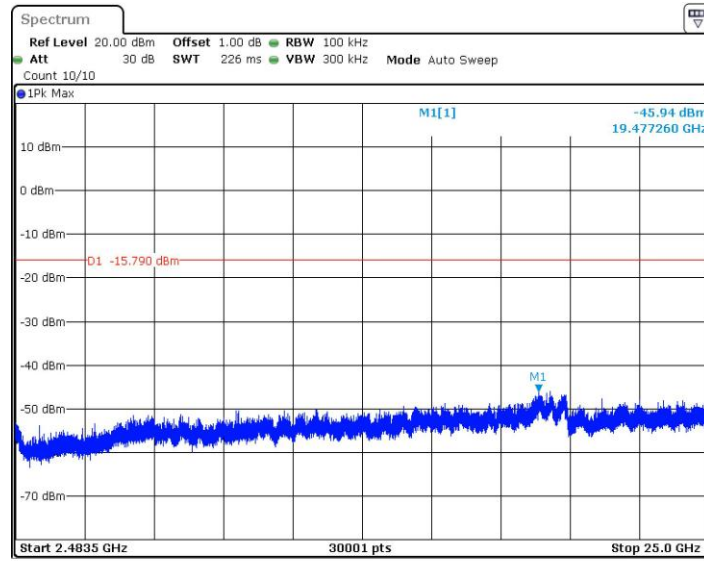
11B\_Ant1\_2412\_2483.5~25000



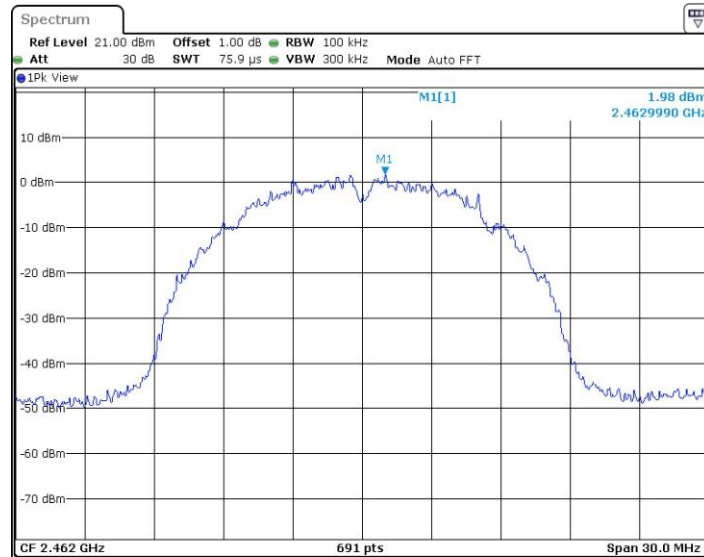
11B\_Ant1\_2437\_0~Reference



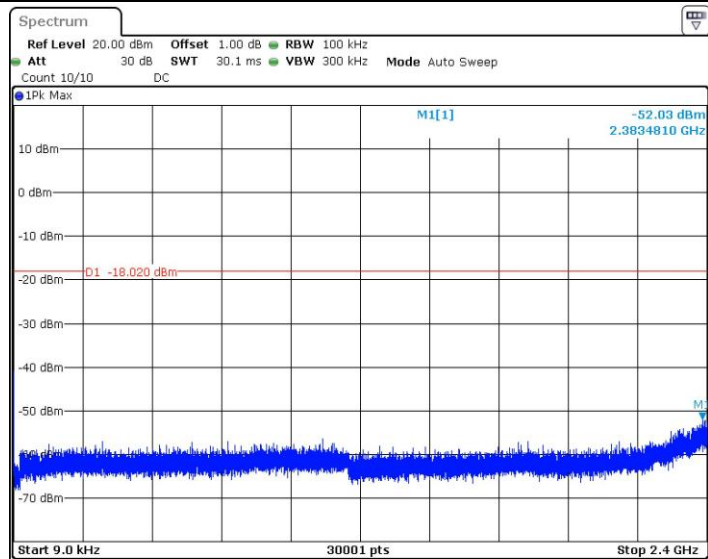
# 11B\_Ant1\_2437\_0.009~2400



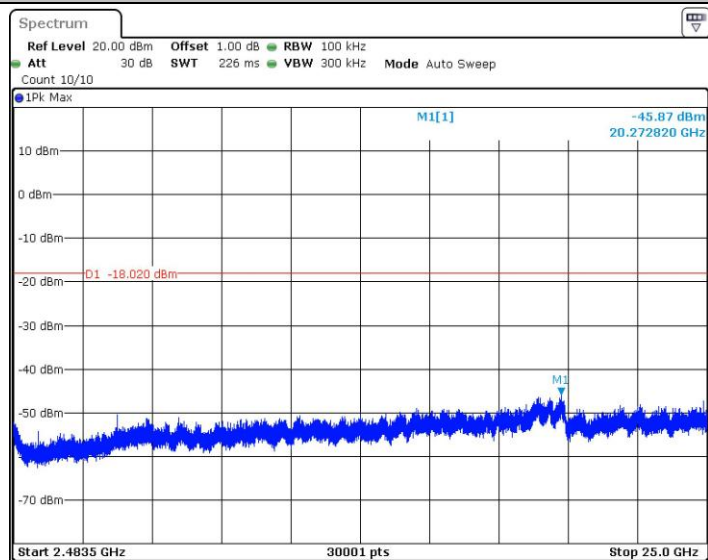
# 11B\_Ant1\_2437\_2483.5~25000



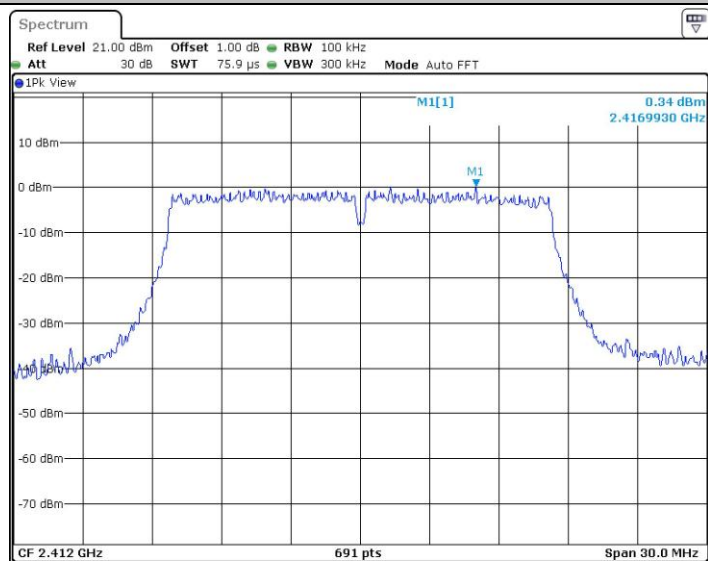
# 11B\_Ant1\_2462\_0~Reference



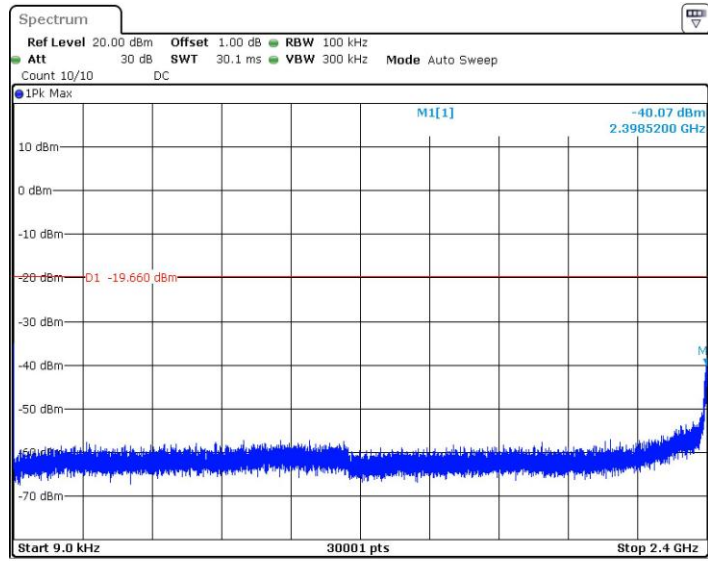
11B\_Ant1\_2462\_0.009~2400



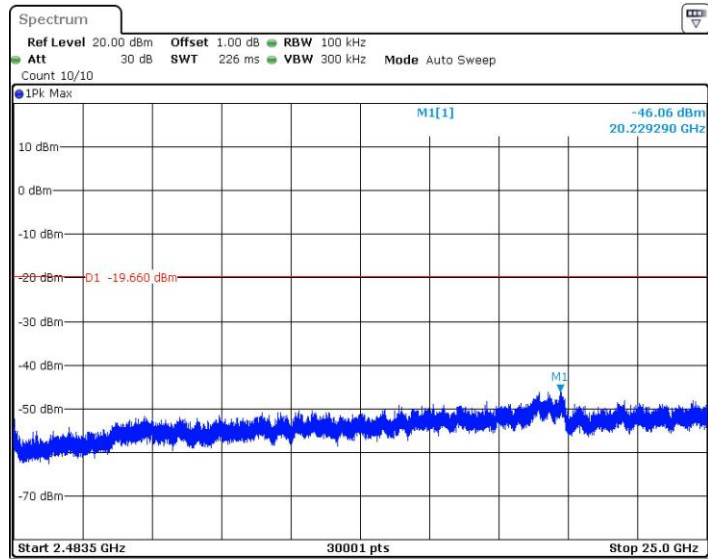
11B\_Ant1\_2462\_2483.5~25000



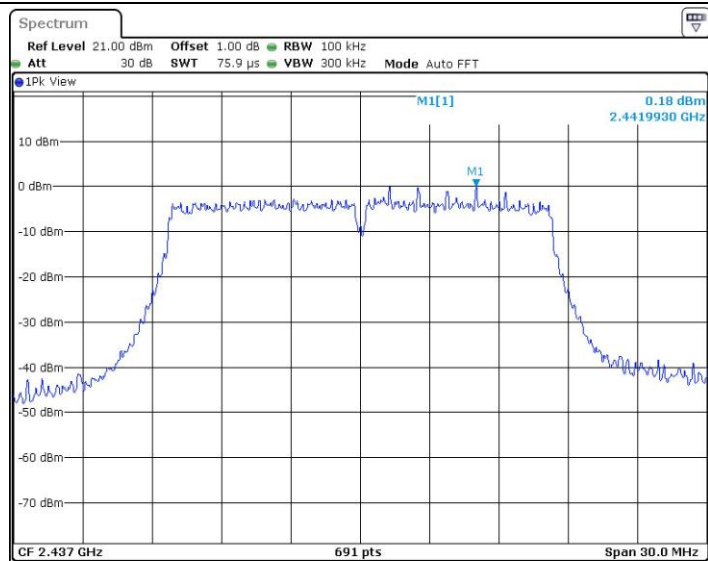
# 11G\_Ant1\_2412\_0~Reference



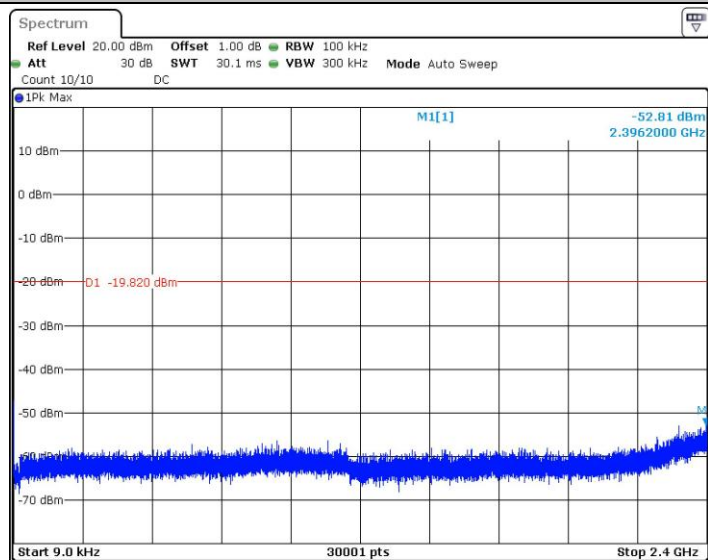
# 11G\_Ant1\_2412\_0.009~2400



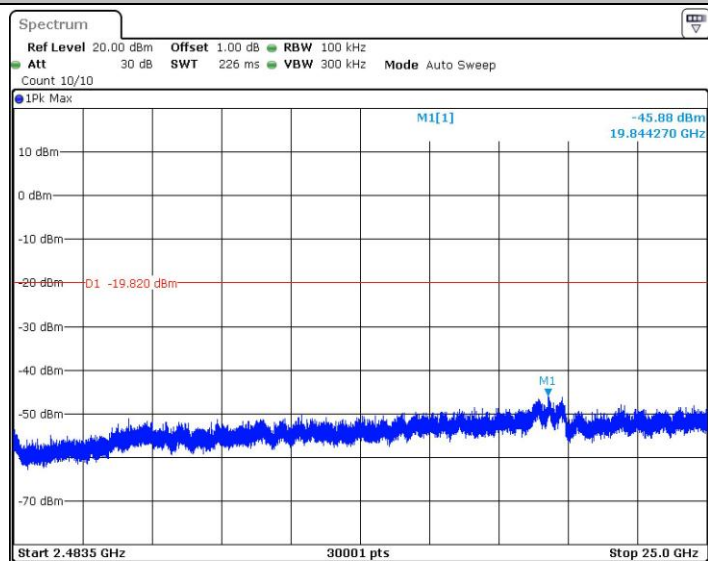
# 11G\_Ant1\_2412\_2483.5~25000



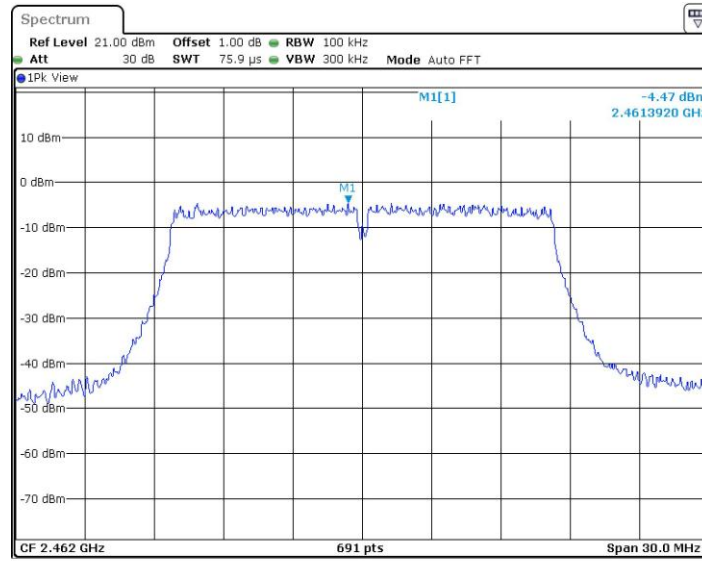
### 11G\_Ant1\_2437\_0~Reference



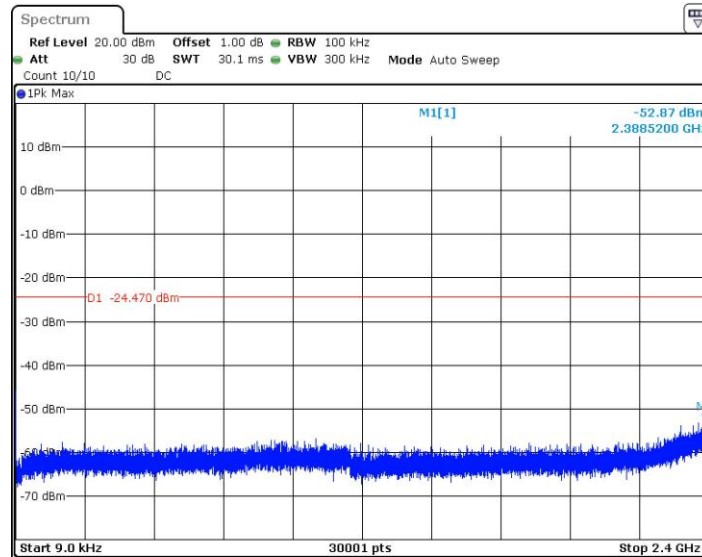
### 11G\_Ant1\_2437\_0.009~2400



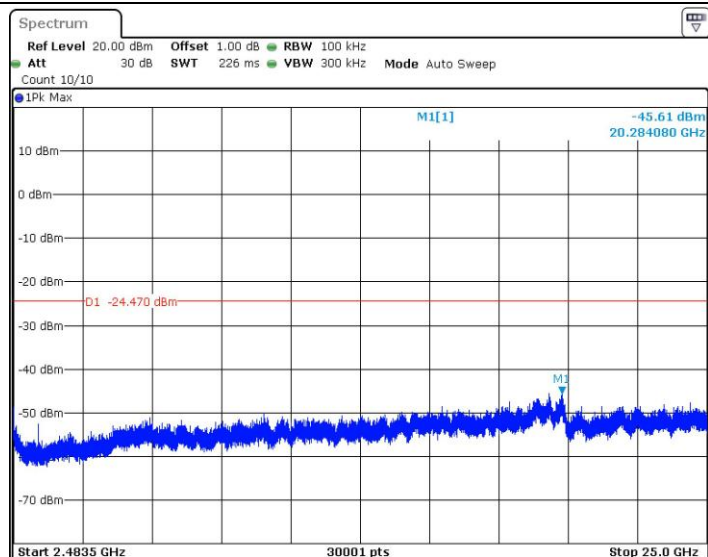
# 11G\_Ant1\_2437\_2483.5~25000



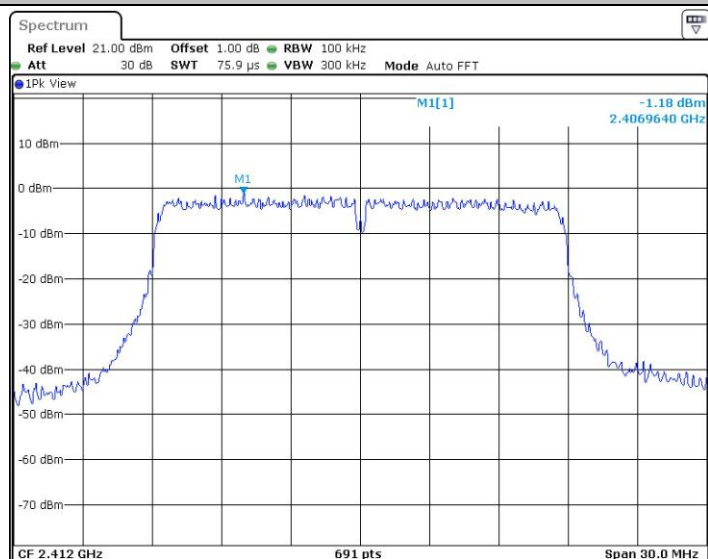
# 11G\_Ant1\_2462\_0~Reference



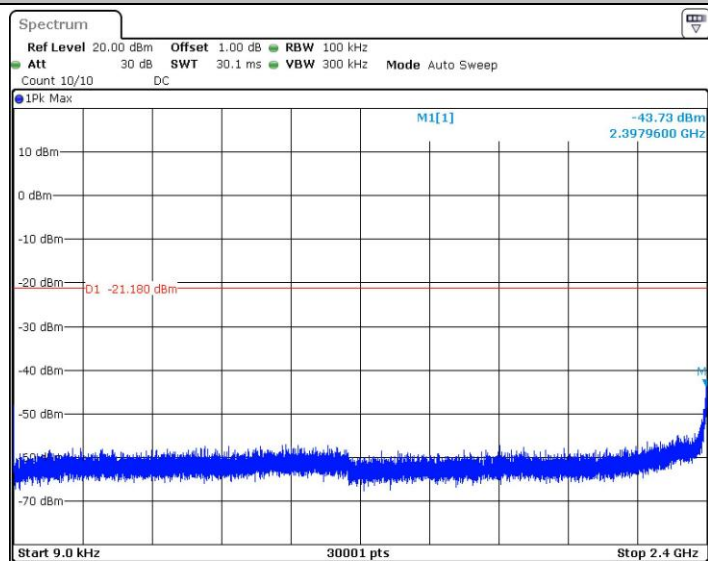
# 11G\_Ant1\_2462\_0.009~2400



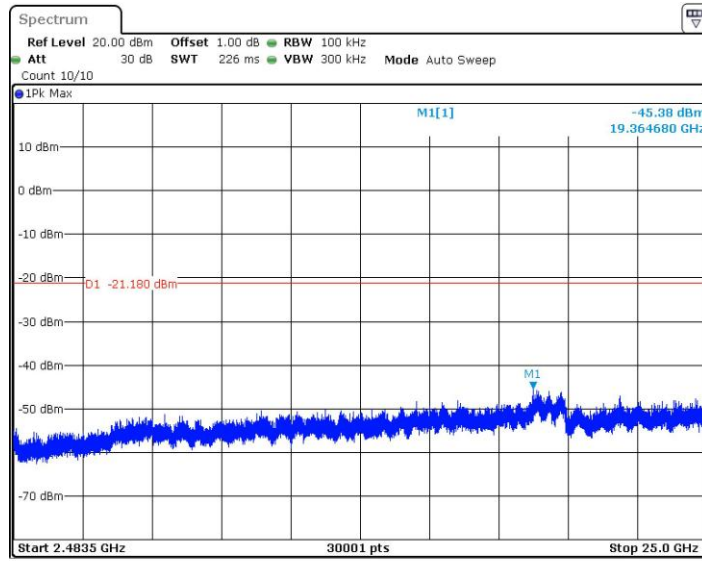
11G\_Ant1\_2462\_2483.5~25000



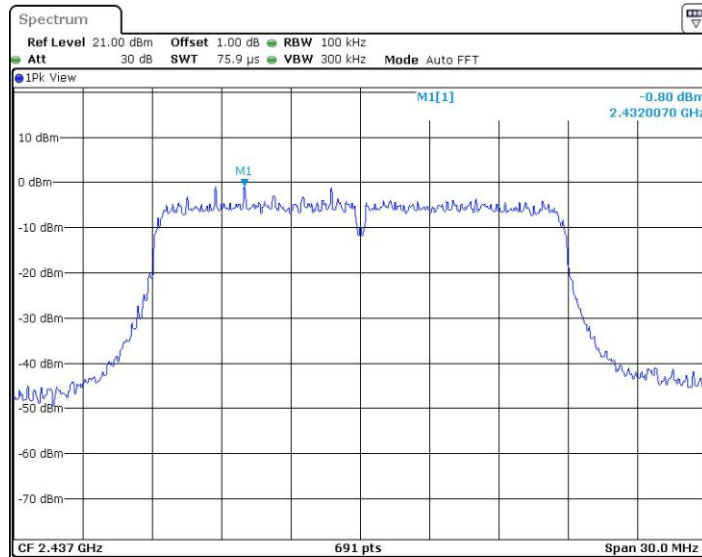
11N20SISO\_Ant1\_2412\_0~Reference



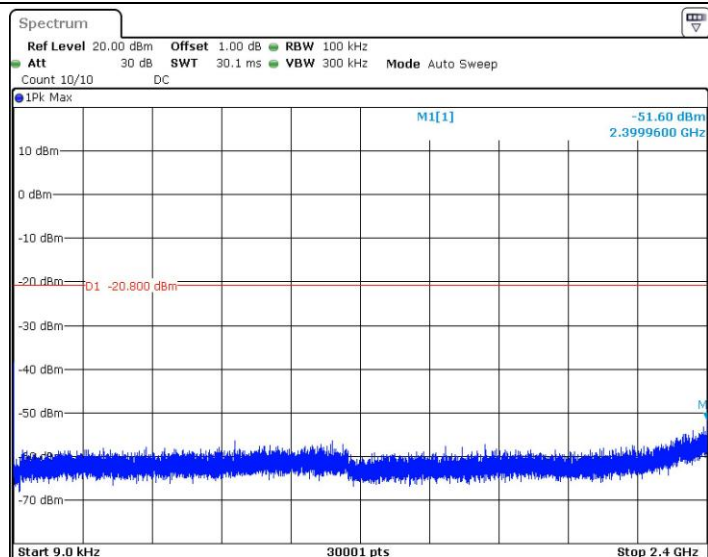
# 11N20SISO\_Ant1\_2412\_0.009~2400



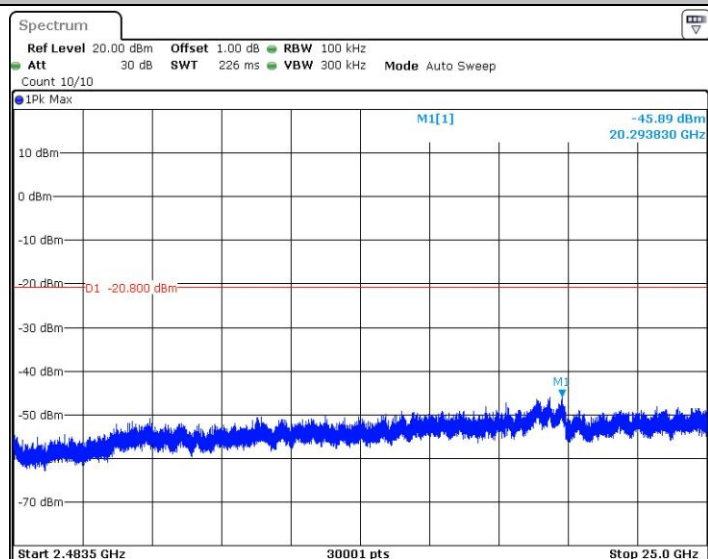
# 11N20SISO\_Ant1\_2412\_2483.5~25000



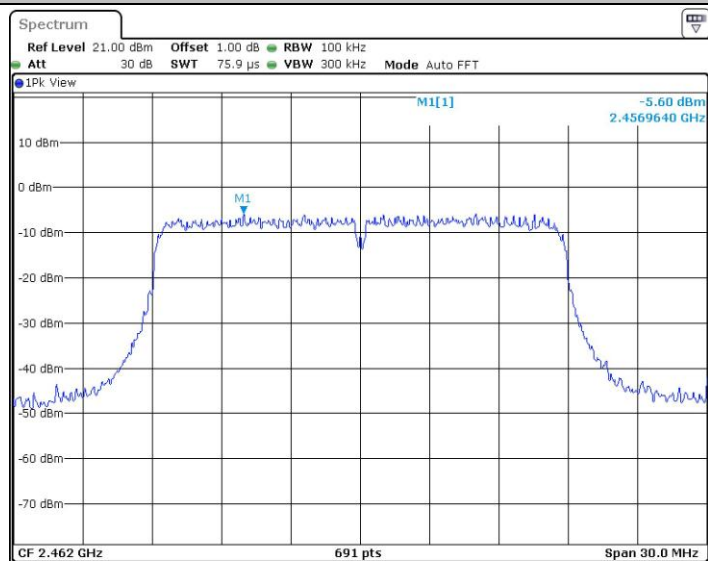
# 11N20SISO\_Ant1\_2437\_0~Reference



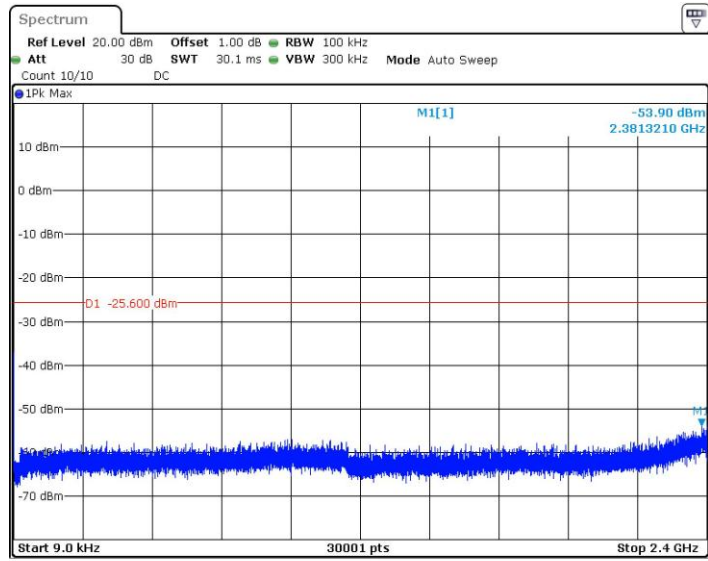
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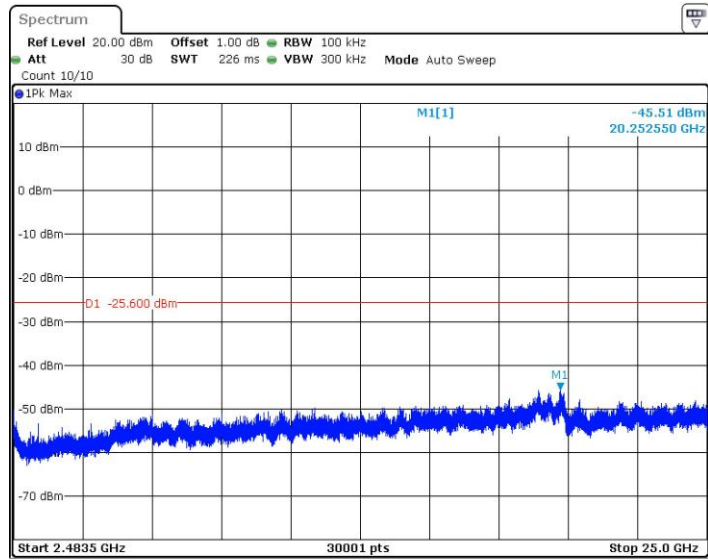
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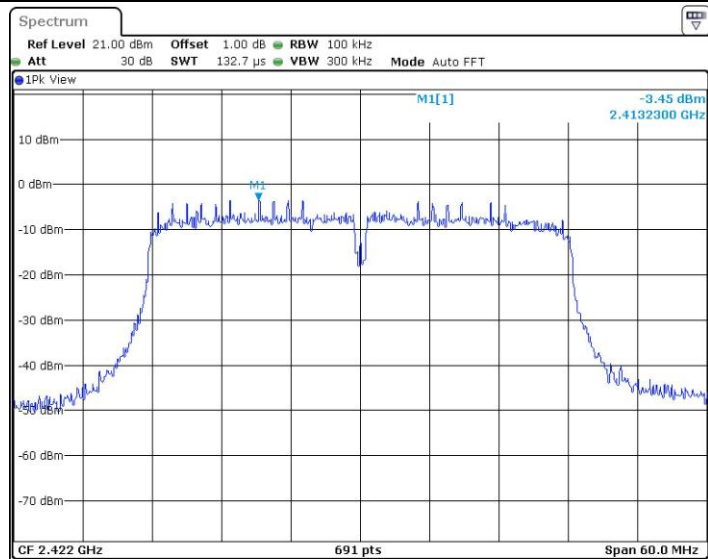
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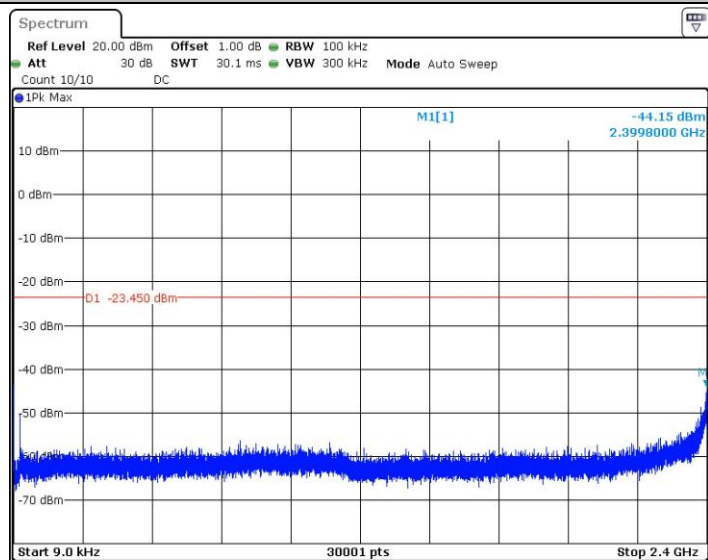
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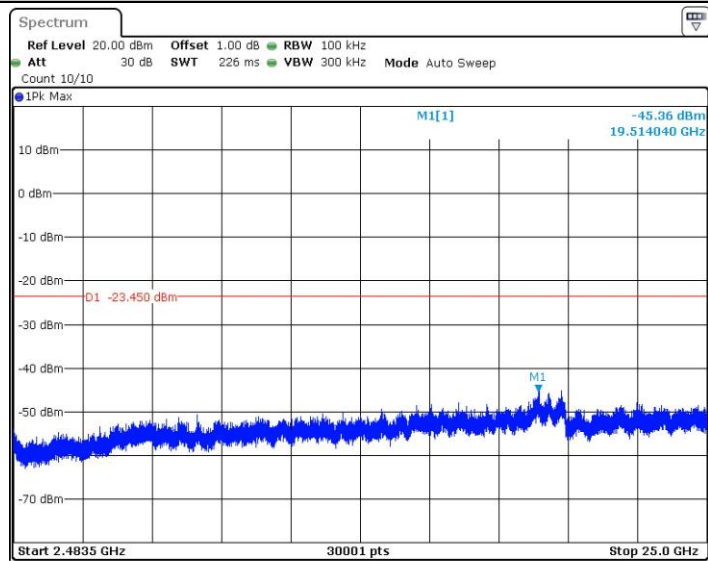
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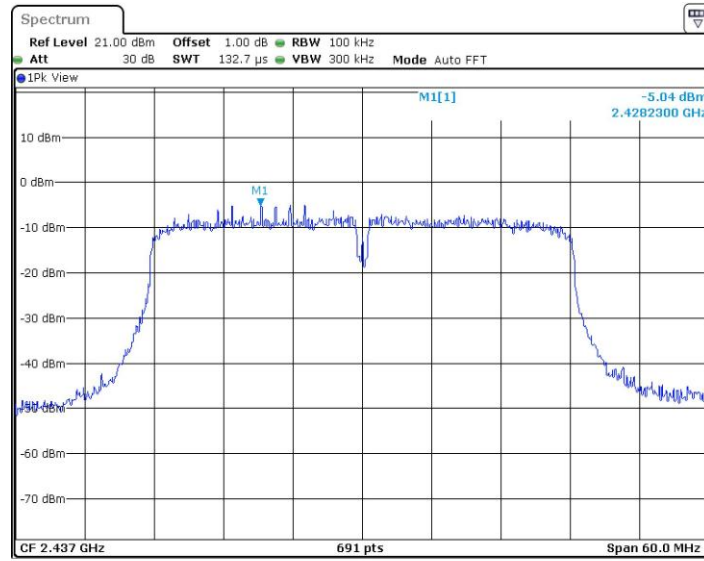
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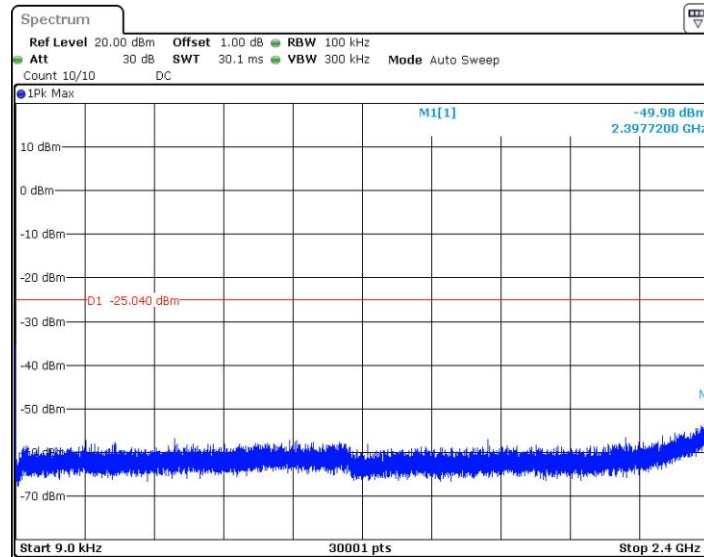
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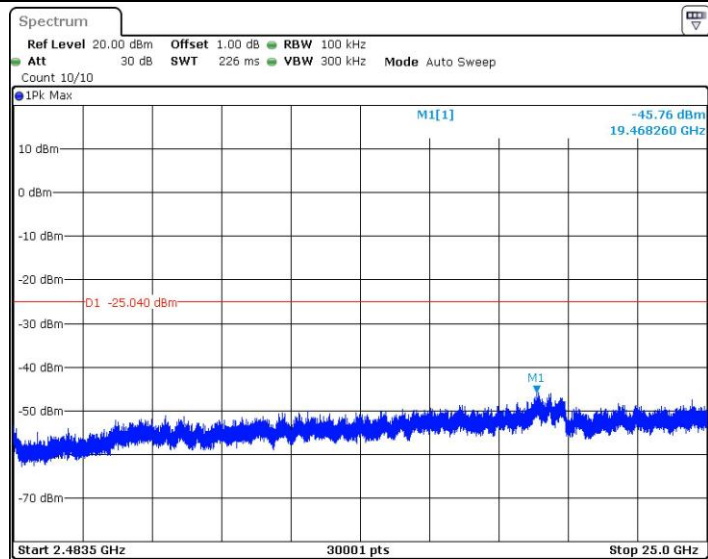
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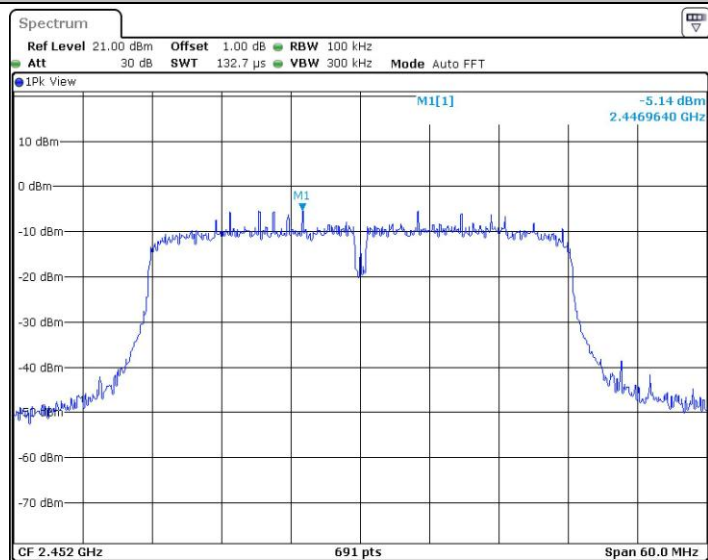
# 11N40SISO\_Ant1\_2437\_0~Reference



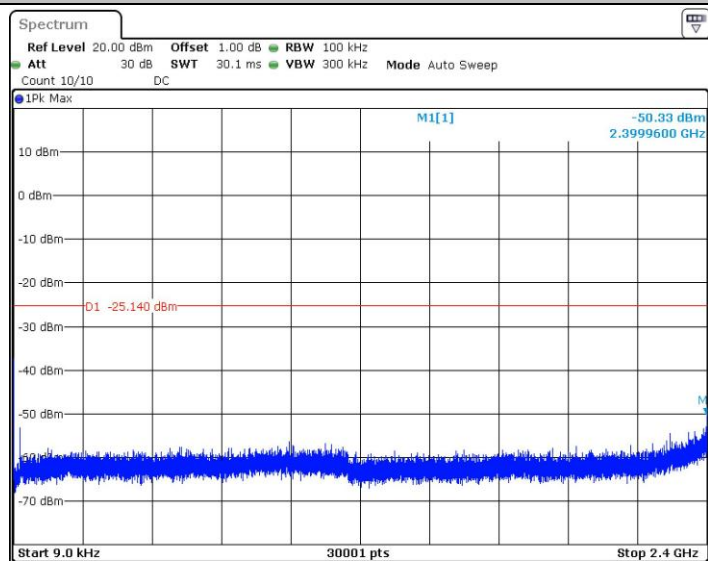
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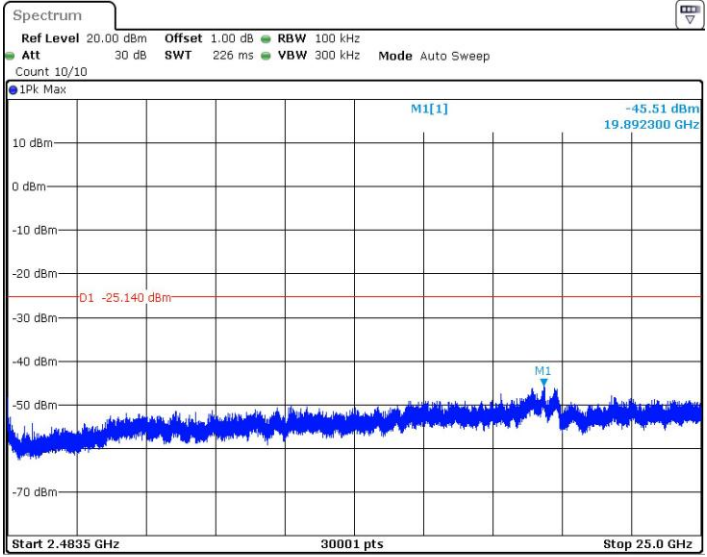
11N40SISO\_Ant1\_2437\_2483.5~25000



11N40SISO\_Ant1\_2452\_0~Reference



11N40SISO\_Ant1\_2452\_0.009~2400



11N40SISO\_Ant1\_2452\_2483.5~25000