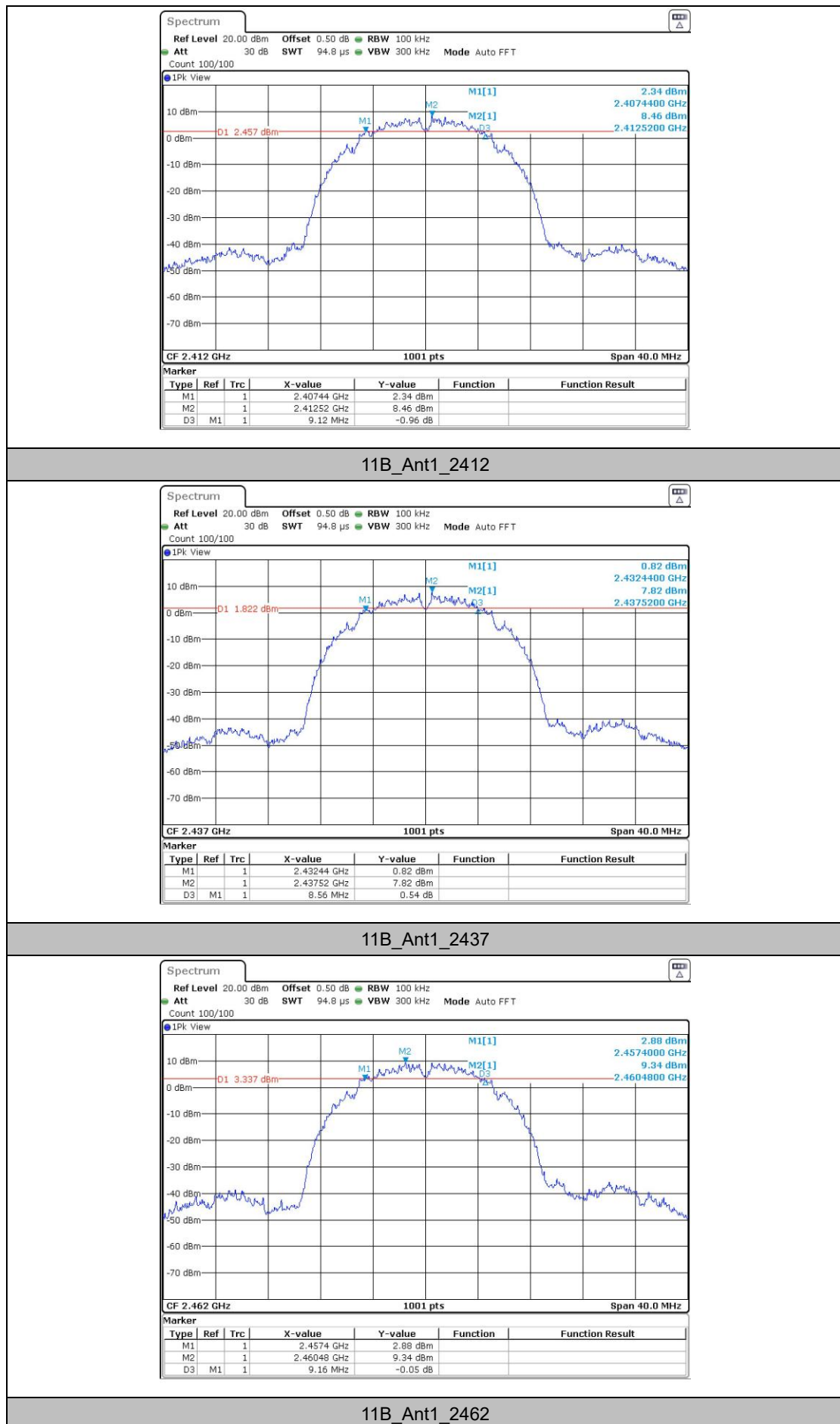


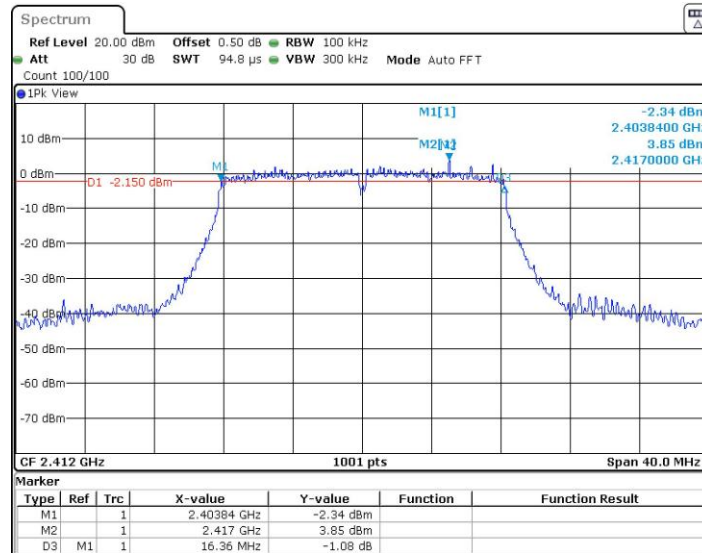
## Appendix A: DTS Bandwidth

### Test Result

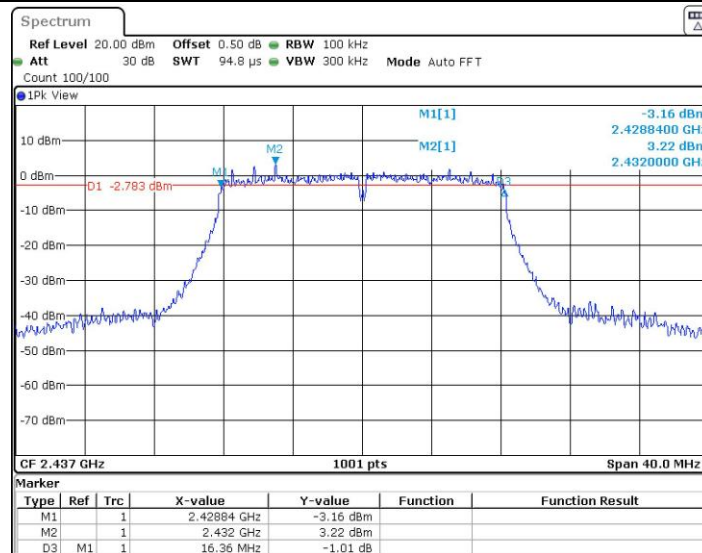
| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.120        | 2407.440 | 2416.560 | 0.5        | PASS    |
|           |         | 2437    | 8.560        | 2432.440 | 2441.000 | 0.5        | PASS    |
|           |         | 2462    | 9.160        | 2457.400 | 2466.560 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 16.360       | 2403.840 | 2420.200 | 0.5        | PASS    |
|           |         | 2437    | 16.360       | 2428.840 | 2445.200 | 0.5        | PASS    |
|           |         | 2462    | 16.120       | 2453.840 | 2469.960 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 16.600       | 2403.560 | 2420.160 | 0.5        | PASS    |
|           |         | 2437    | 17.640       | 2428.200 | 2445.840 | 0.5        | PASS    |
|           |         | 2462    | 16.640       | 2453.560 | 2470.200 | 0.5        | PASS    |

## Test Graphs

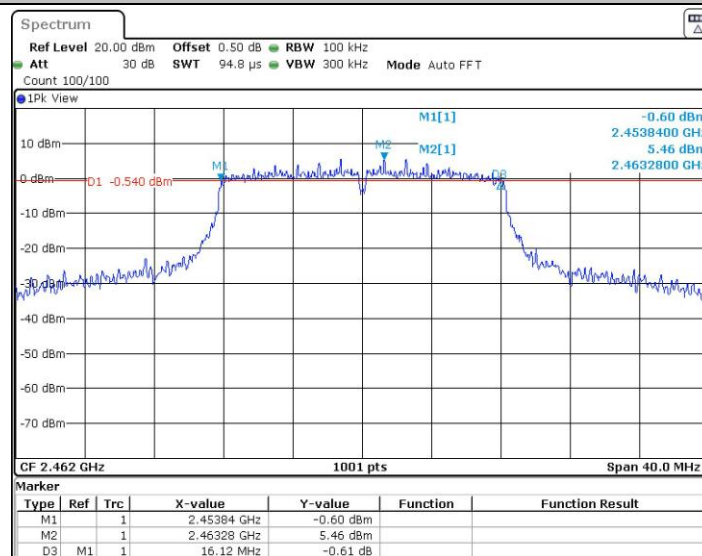




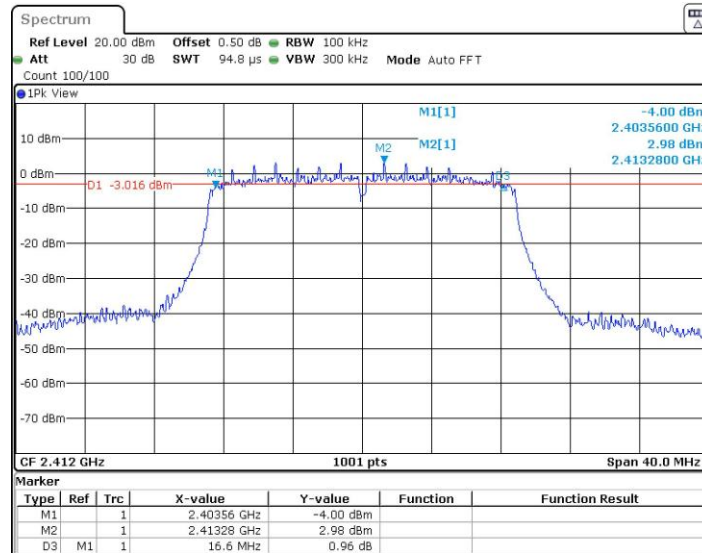
11G\_Ant1\_2412



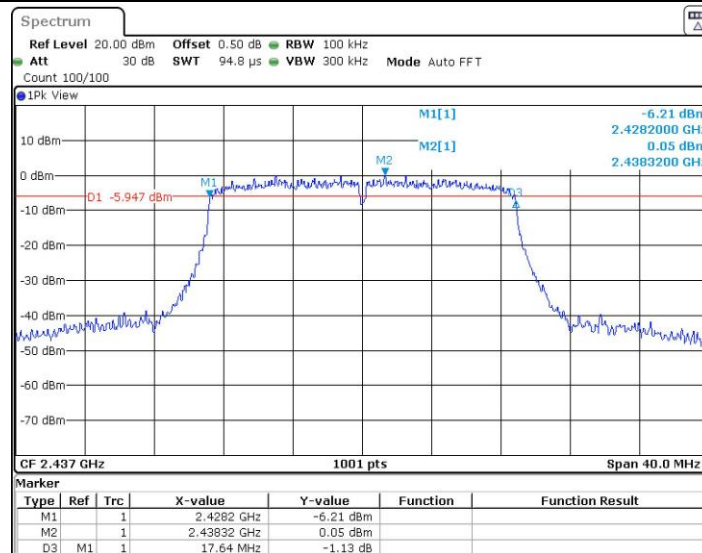
11G\_Ant1\_2437



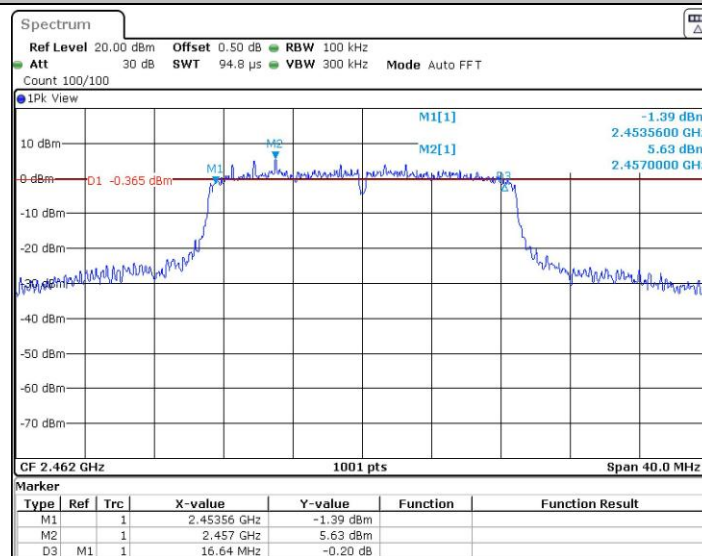
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

## Appendix B: Maximum conducted output power

### Test Result

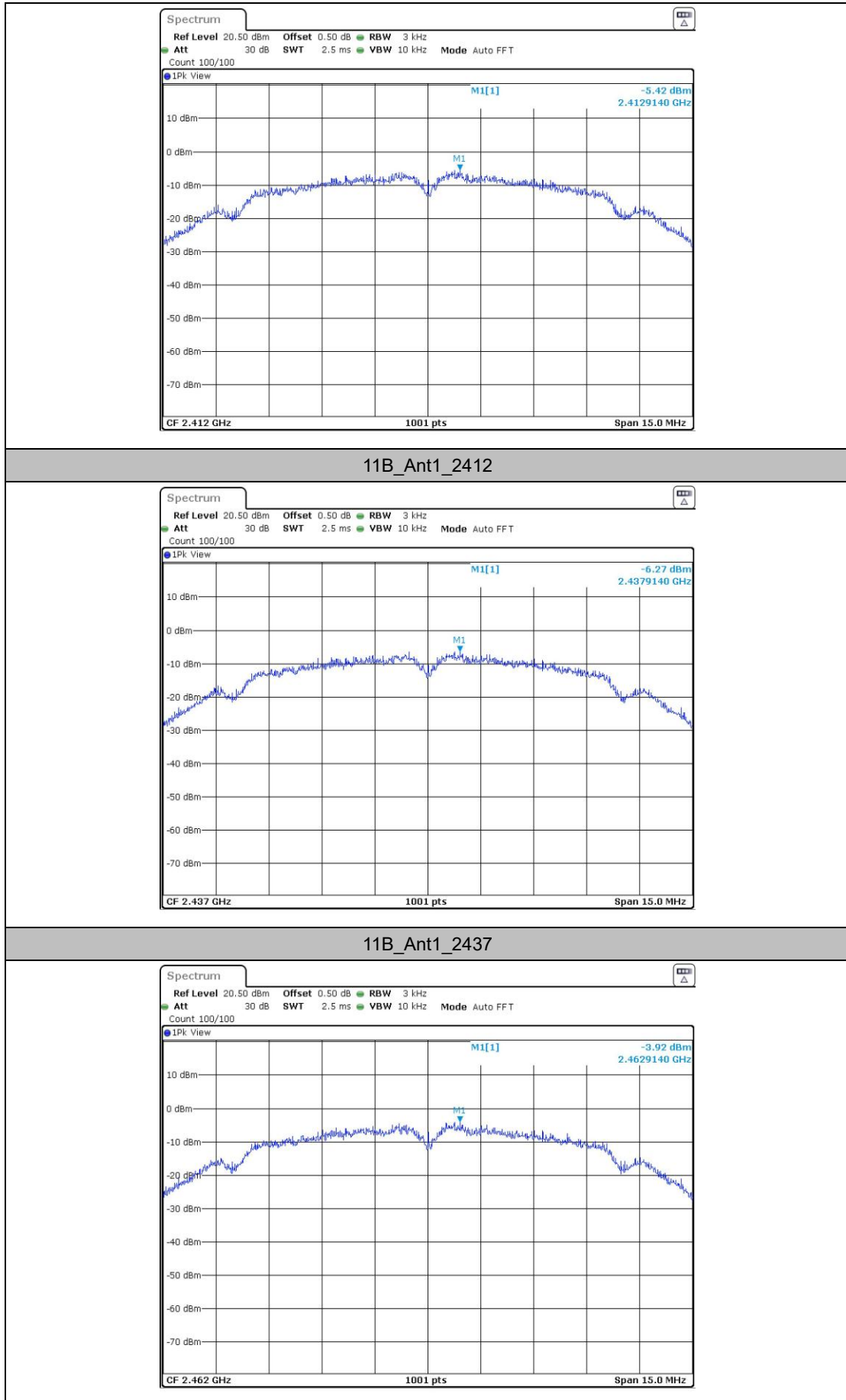
| Model | Channel | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------|-------------|-------------|---------|
| 11b   | 1       | 2412            | 21.3        | 30.0        | PASS    |
|       | 6       | 2437            | 22.5        | 30.0        | PASS    |
|       | 11      | 2462            | 23.5        | 30.0        | PASS    |
| 11g   | 1       | 2412            | 25.6        | 30.0        | PASS    |
|       | 6       | 2437            | 26.2        | 30.0        | PASS    |
|       | 11      | 2462            | 26.5        | 30.0        | PASS    |
| 11n20 | 1       | 2412            | 25.0        | 30.0        | PASS    |
|       | 6       | 2437            | 25.7        | 30.0        | PASS    |
|       | 11      | 2462            | 26.2        | 30.0        | PASS    |

## Appendix C: Maximum power spectral density

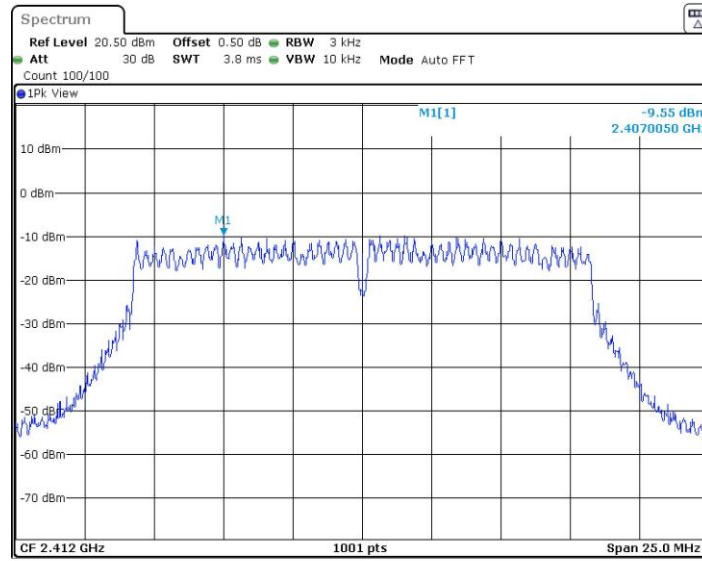
### Test Result

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -5.42                | <=8             | PASS    |
|           |         | 2437    | -6.27                | <=8             | PASS    |
|           |         | 2462    | -3.92                | <=8             | PASS    |
| 11G       | Ant1    | 2412    | -9.55                | <=8             | PASS    |
|           |         | 2437    | -10.17               | <=8             | PASS    |
|           |         | 2462    | -8.02                | <=8             | PASS    |
| 11N20SISO | Ant1    | 2412    | -10.85               | <=8             | PASS    |
|           |         | 2437    | -11.75               | <=8             | PASS    |
|           |         | 2462    | -8.32                | <=8             | PASS    |

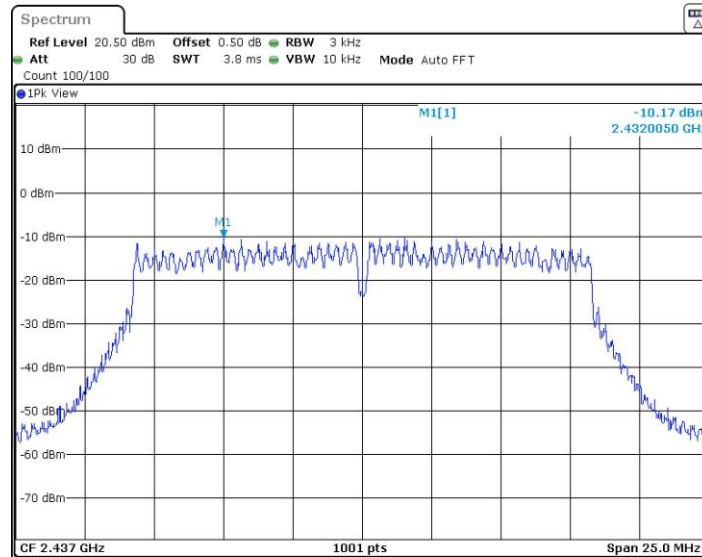
## Test Graphs



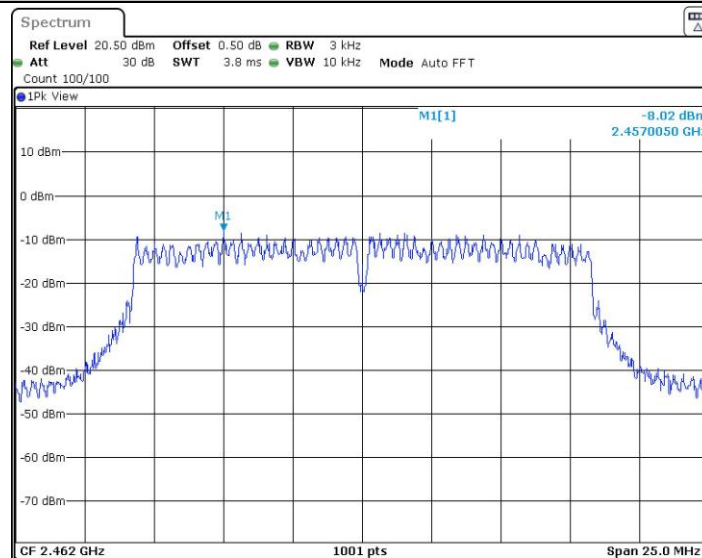
11B\_Ant1\_2462



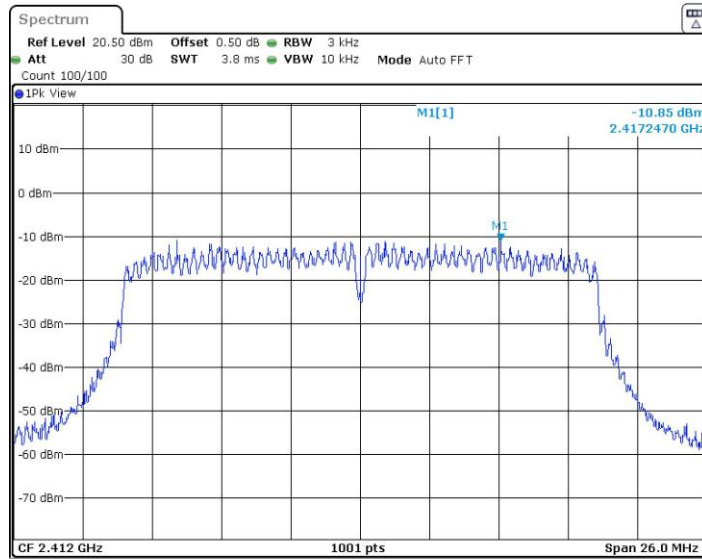
11G\_Ant1\_2412



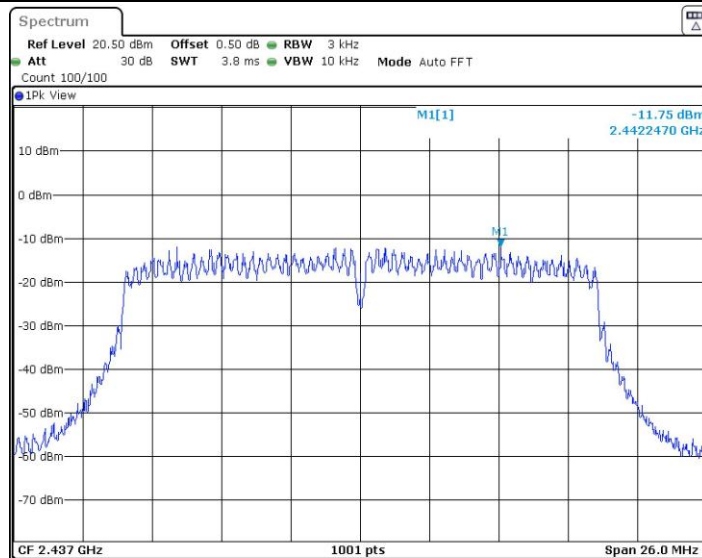
11G\_Ant1\_2437



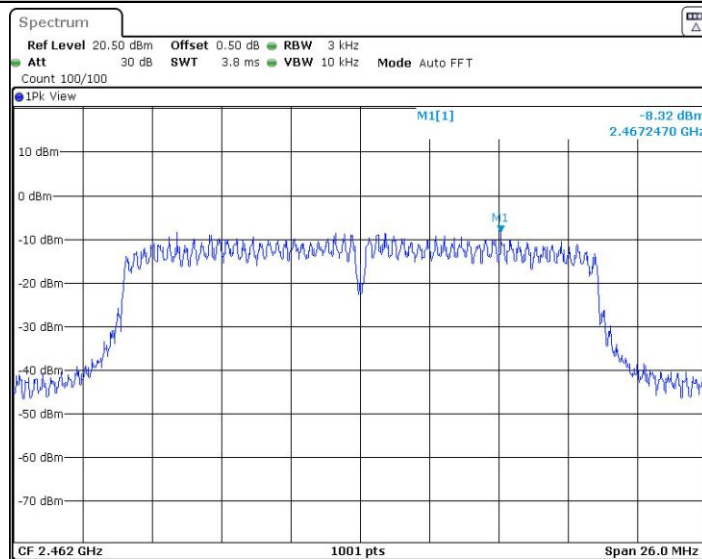
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



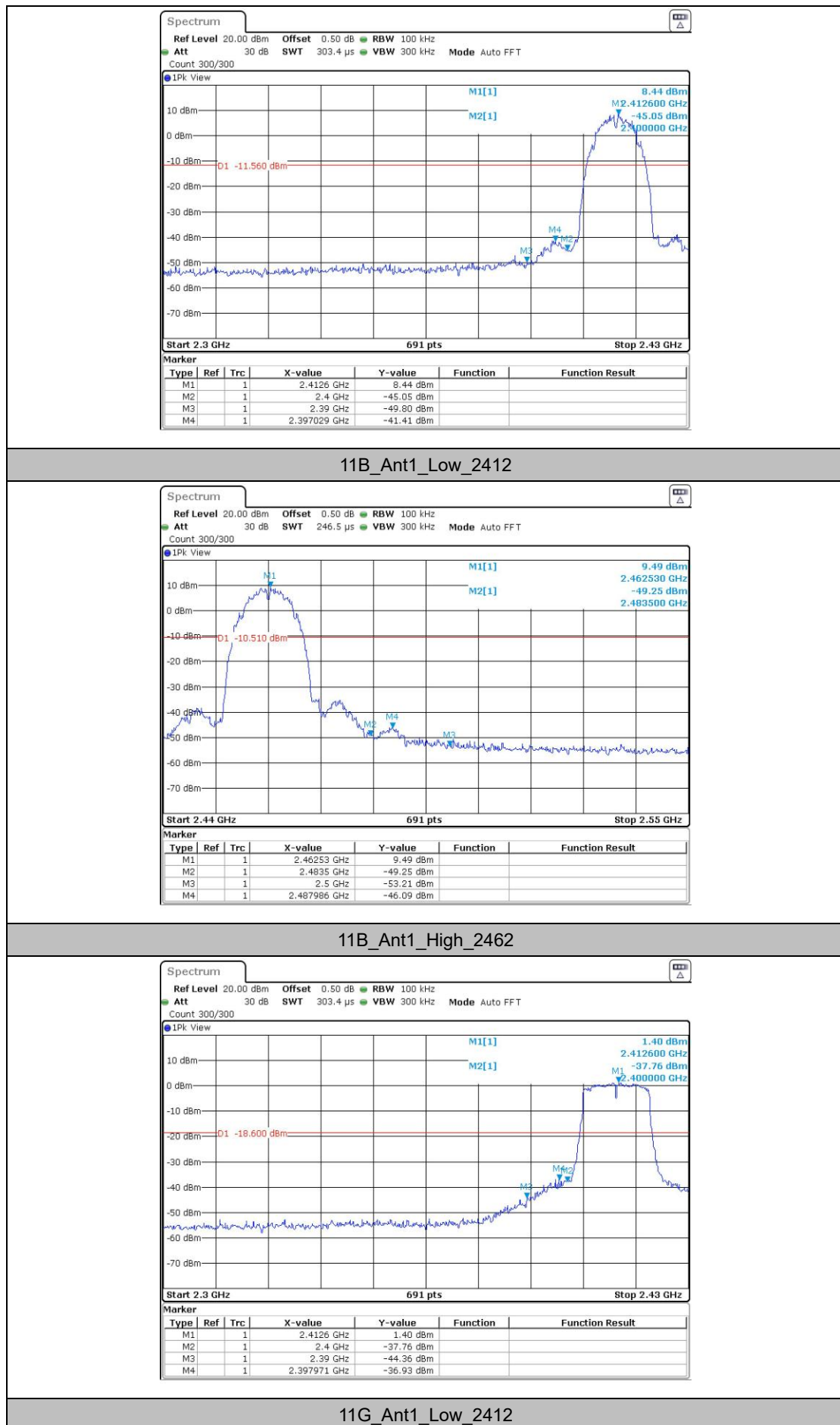
11N20SISO\_Ant1\_2462

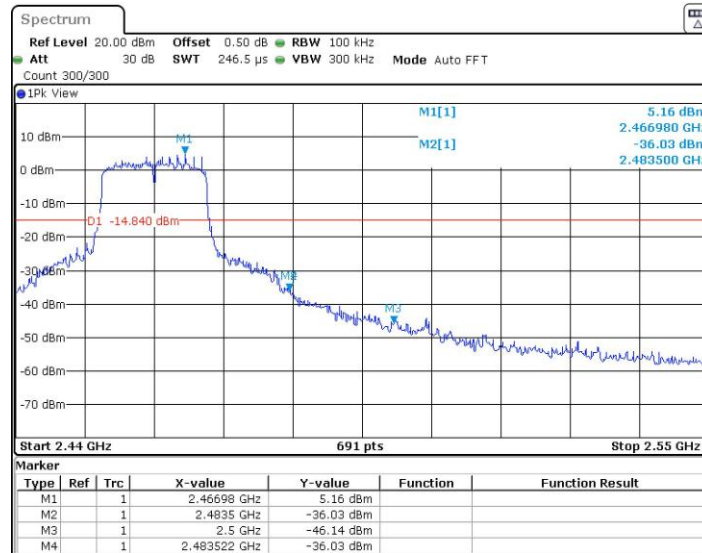
## Appendix D: Band edge measurements

### Test Result

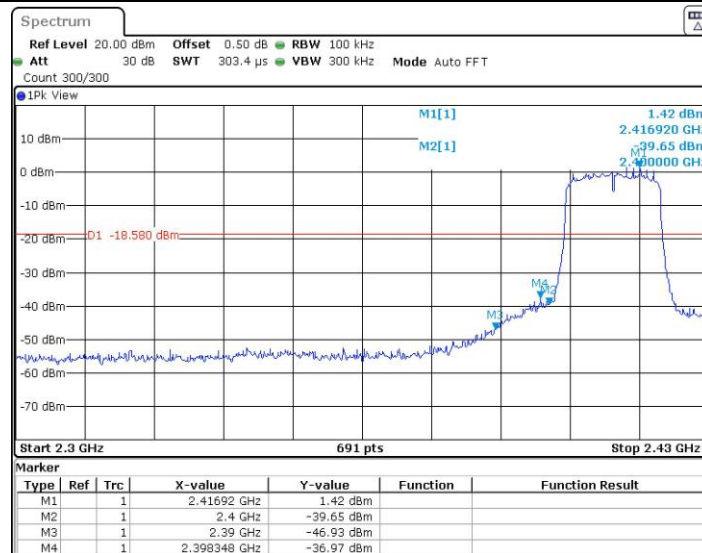
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low    | 2412    | 8.44          | -41.41      | <=-11.56   | PASS    |
|           |         | High   | 2462    | 9.49          | -46.09      | <=-10.51   | PASS    |
| 11G       | Ant1    | Low    | 2412    | 1.40          | -36.93      | <=-18.6    | PASS    |
|           |         | High   | 2462    | 5.16          | -36.03      | <=-14.84   | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | 1.42          | -36.97      | <=-18.58   | PASS    |
|           |         | High   | 2462    | 5.51          | -33.49      | <=-14.49   | PASS    |

## Test Graphs

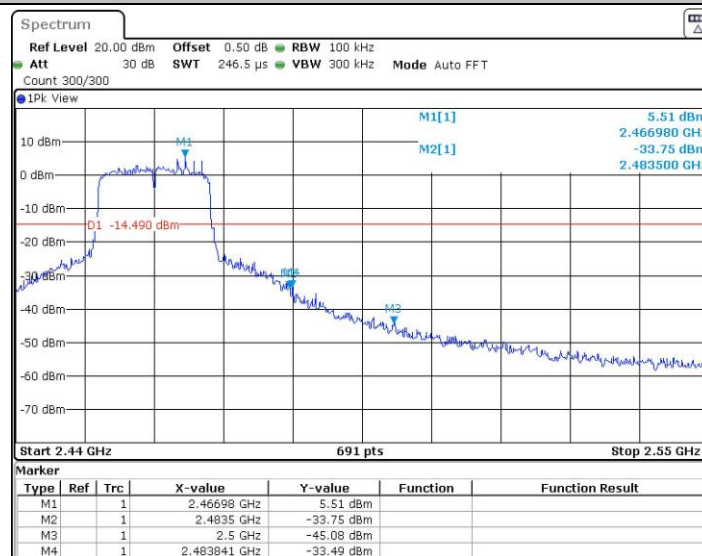




11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



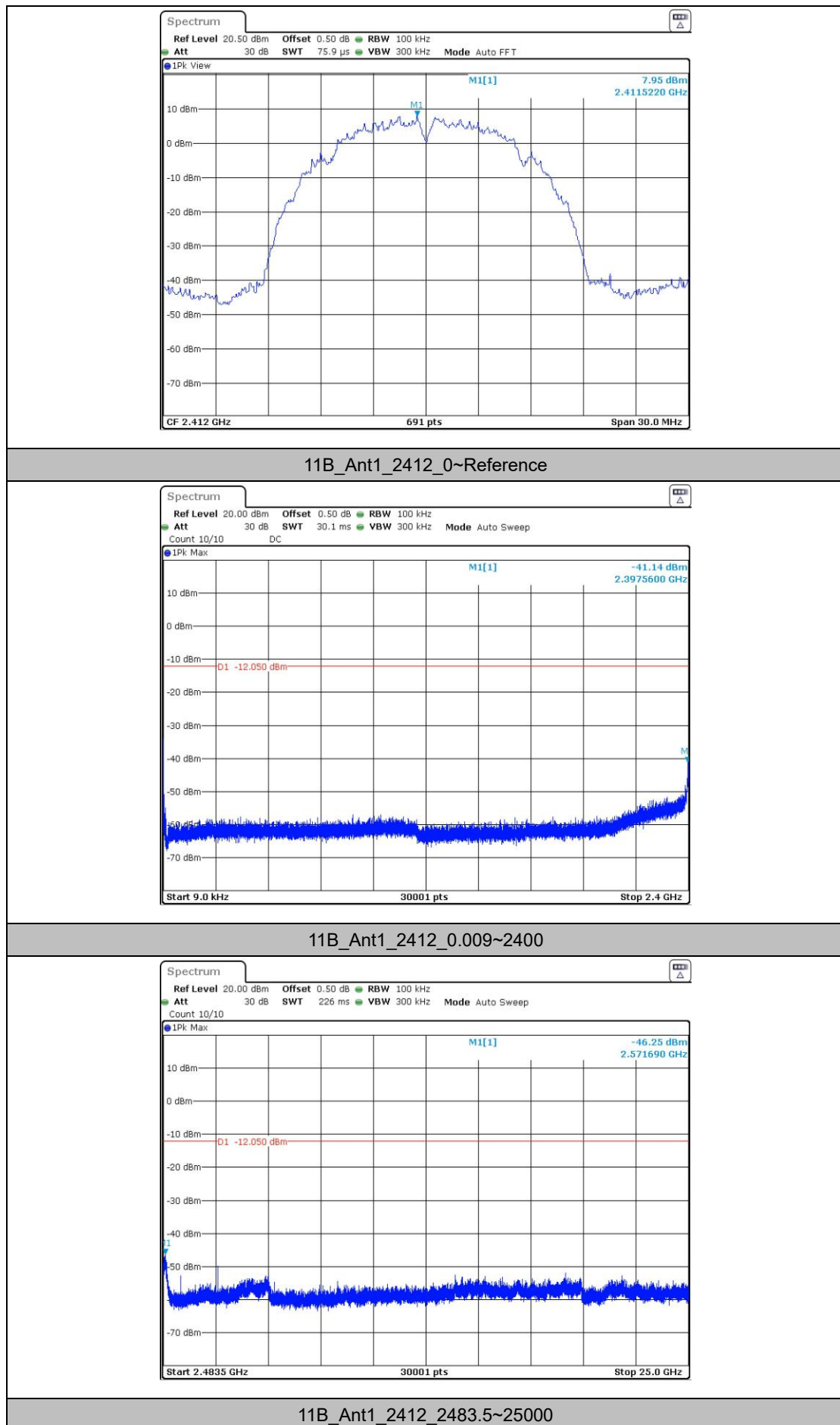
11N20SISO\_Ant1\_High\_2462

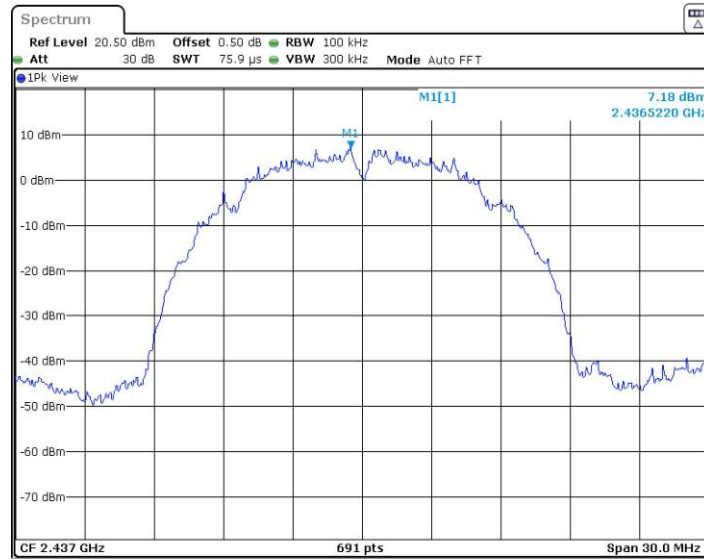
## Appendix E: Conducted Spurious Emission

### Test Result

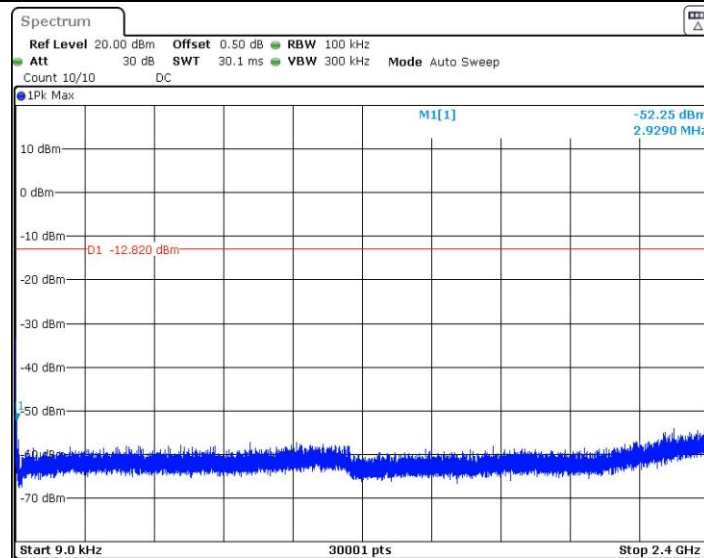
| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 7.95              | 7.95            | ---            | PASS    |
|           |         |         | 0.009~2400         | 7.95              | -41.14          | <=-12.05       | PASS    |
|           |         |         | 2483.5~25000       | 7.95              | -46.25          | <=-12.05       | PASS    |
|           |         | 2437    | Reference          | 7.18              | 7.18            | ---            | PASS    |
|           |         |         | 0.009~2400         | 7.18              | -52.25          | <=-12.82       | PASS    |
|           |         |         | 2483.5~25000       | 7.18              | -51.72          | <=-12.82       | PASS    |
|           |         | 2462    | Reference          | 9.30              | 9.30            | ---            | PASS    |
|           |         |         | 0.009~2400         | 9.30              | -48.67          | <=-10.7        | PASS    |
|           |         |         | 2483.5~25000       | 9.30              | -47.68          | <=-10.7        | PASS    |
| 11G       | Ant1    | 2412    | Reference          | 3.93              | 3.93            | ---            | PASS    |
|           |         |         | 0.009~2400         | 3.93              | -36.69          | <=-16.07       | PASS    |
|           |         |         | 2483.5~25000       | 3.93              | -50.53          | <=-16.07       | PASS    |
|           |         | 2437    | Reference          | 2.61              | 2.61            | ---            | PASS    |
|           |         |         | 0.009~2400         | 2.61              | -54.18          | <=-17.39       | PASS    |
|           |         |         | 2483.5~25000       | 2.61              | -52.84          | <=-17.39       | PASS    |
|           |         | 2462    | Reference          | 5.16              | 5.16            | ---            | PASS    |
|           |         |         | 0.009~2400         | 5.16              | -50.65          | <=-14.84       | PASS    |
|           |         |         | 2483.5~25000       | 5.16              | -38.04          | <=-14.84       | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | 2.77              | 2.77            | ---            | PASS    |
|           |         |         | 0.009~2400         | 2.77              | -39.17          | <=-17.23       | PASS    |
|           |         |         | 2483.5~25000       | 2.77              | -50.57          | <=-17.23       | PASS    |
|           |         | 2437    | Reference          | 1.91              | 1.91            | ---            | PASS    |
|           |         |         | 0.009~2400         | 1.91              | -55.5           | <=-18.09       | PASS    |
|           |         |         | 2483.5~25000       | 1.91              | -52.4           | <=-18.09       | PASS    |
|           |         | 2462    | Reference          | 5.65              | 5.65            | ---            | PASS    |
|           |         |         | 0.009~2400         | 5.65              | -50.52          | <=-14.35       | PASS    |
|           |         |         | 2483.5~25000       | 5.65              | -34.82          | <=-14.35       | PASS    |

## Test Graphs

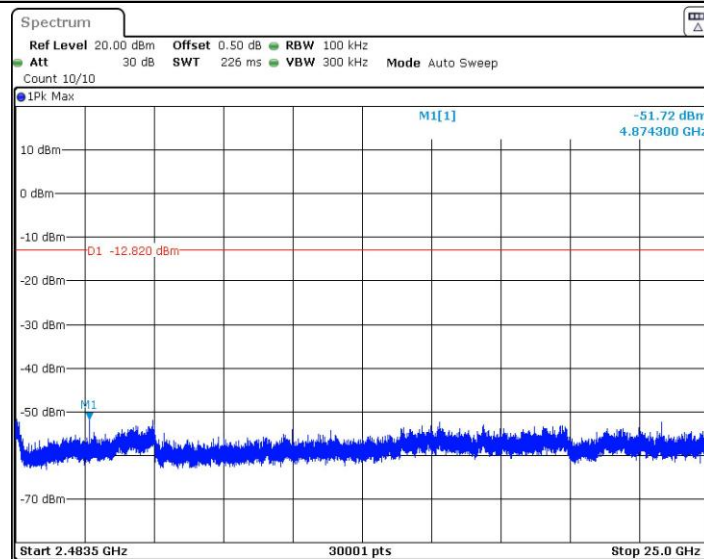




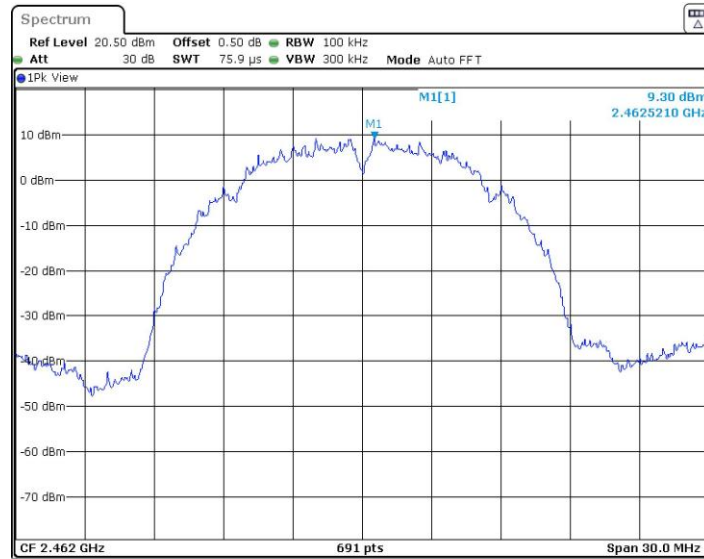
11B\_Ant1\_2437\_0~Reference



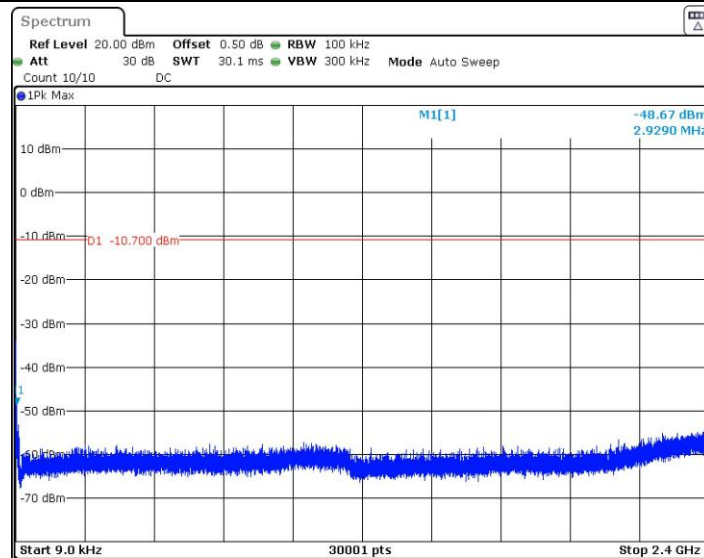
11B\_Ant1\_2437\_0.009~2400



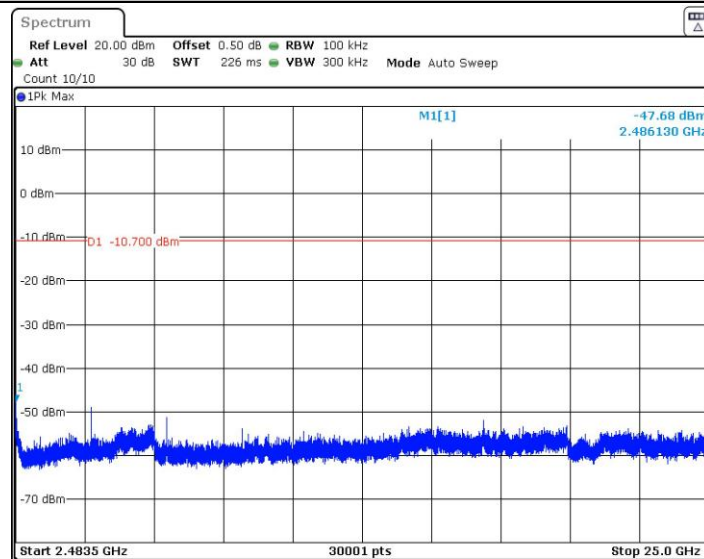
11B\_Ant1\_2437\_2483.5~25000



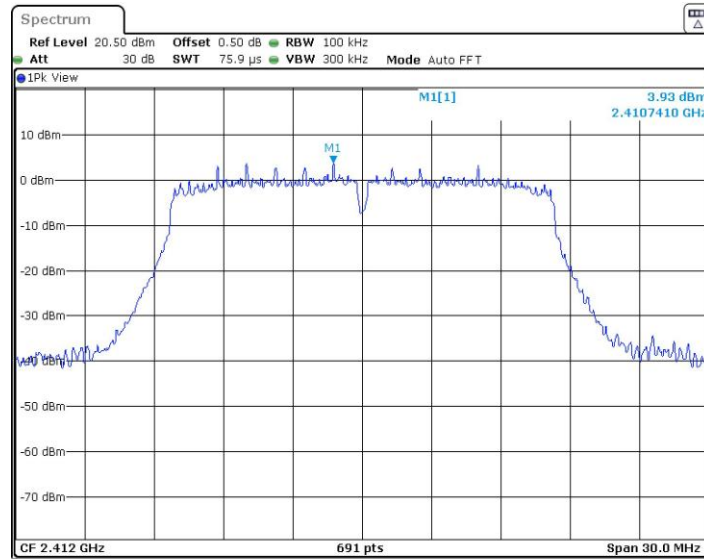
11B\_Ant1\_2462\_0~Reference



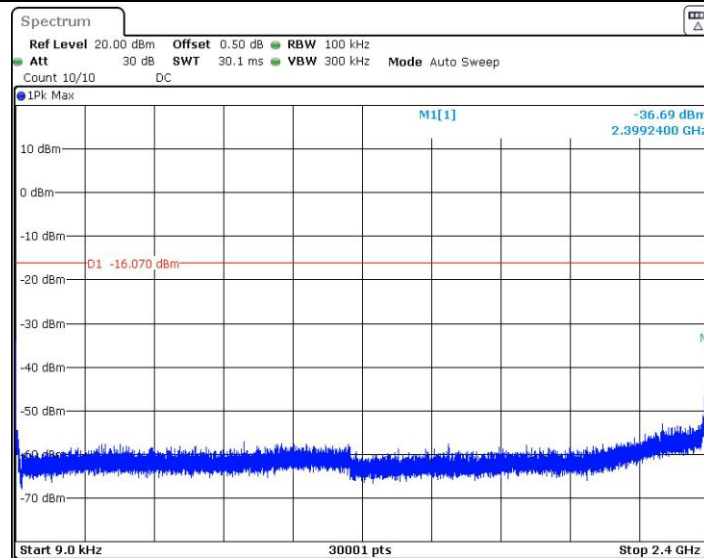
11B\_Ant1\_2462\_0.009~2400



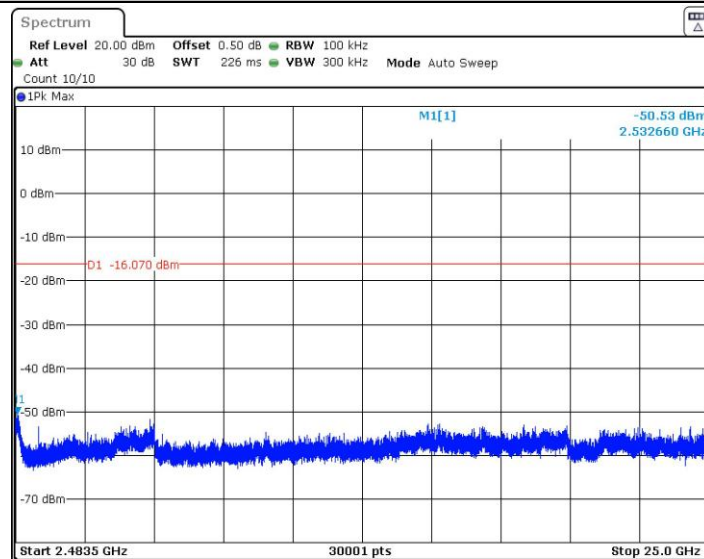
11B\_Ant1\_2462\_2483.5~25000



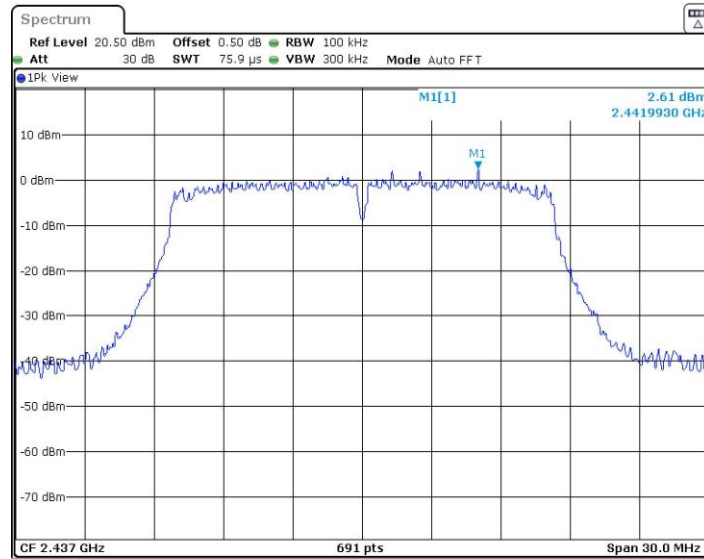
11G\_Ant1\_2412\_0~Reference



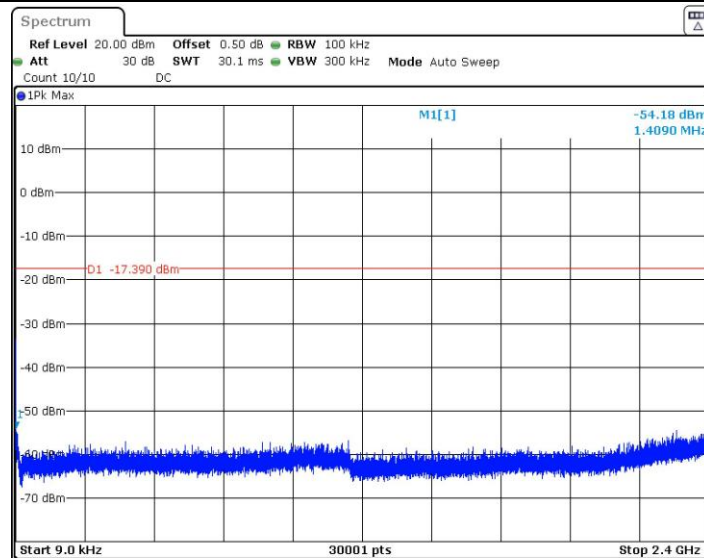
11G\_Ant1\_2412\_0.009~2400



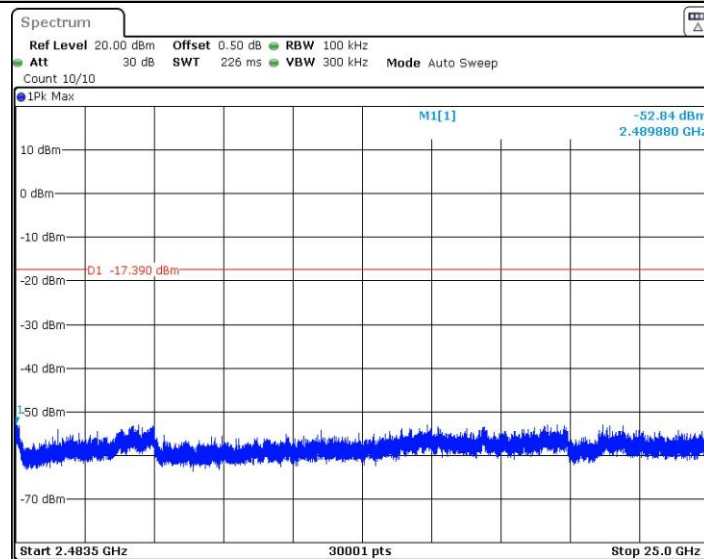
11G\_Ant1\_2412\_2483.5~25000



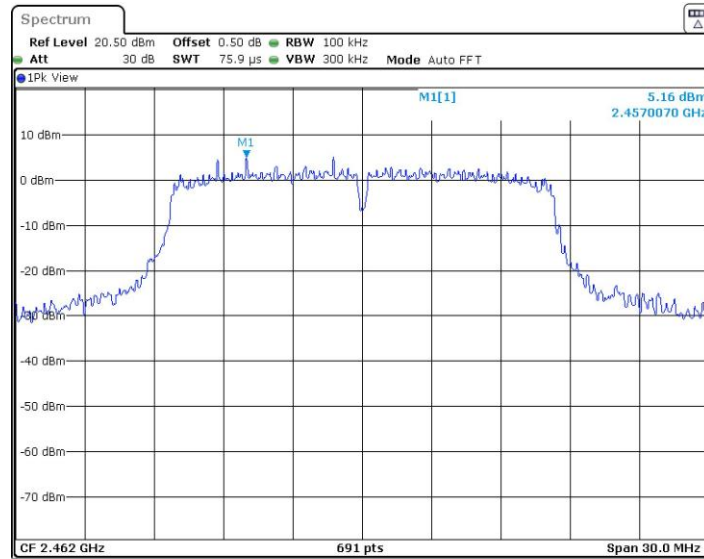
11G\_Ant1\_2437\_0~Reference



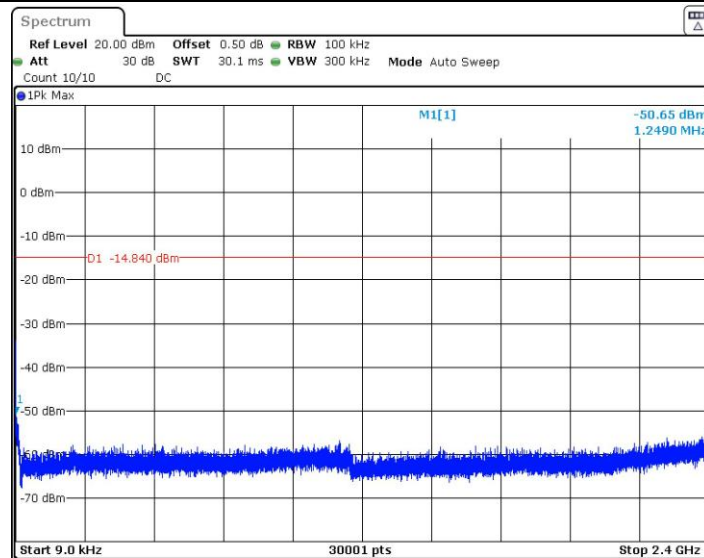
11G\_Ant1\_2437\_0.009~2400



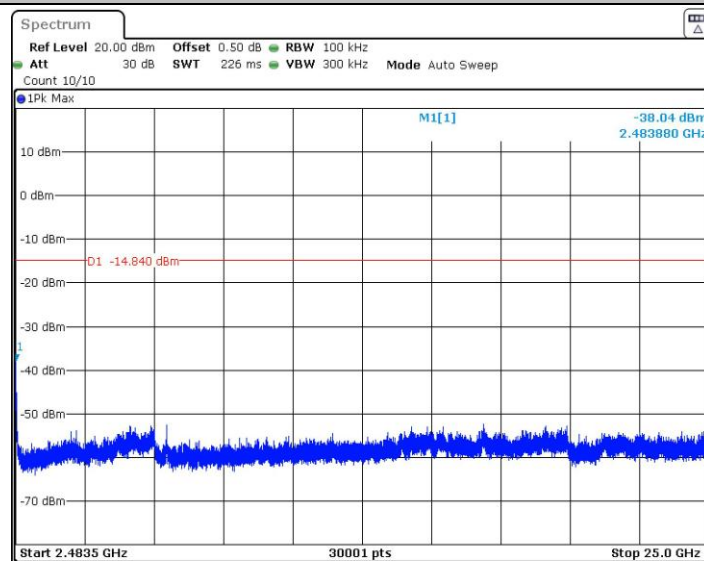
11G\_Ant1\_2437\_2483.5~25000



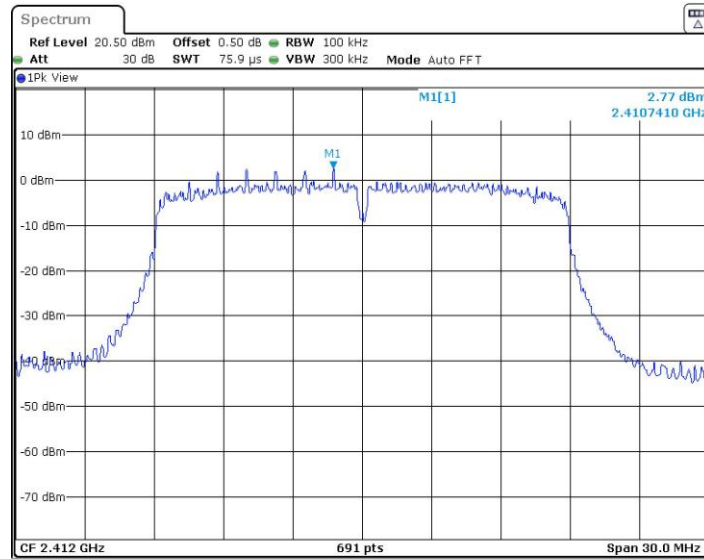
11G\_Ant1\_2462\_0~Reference



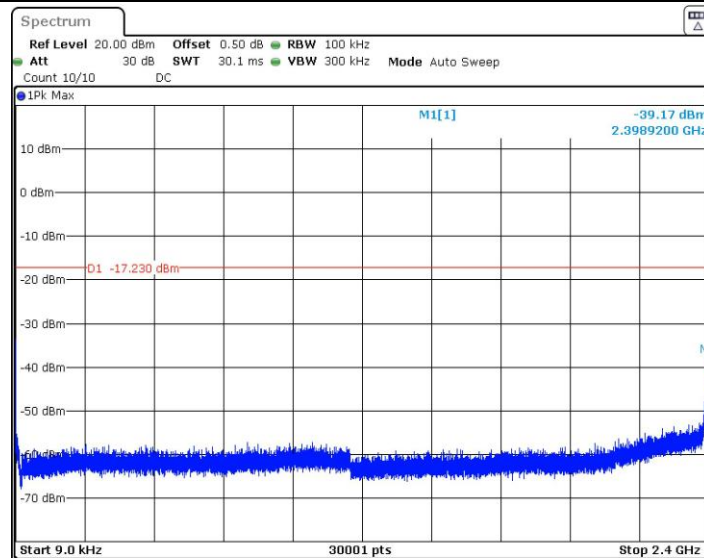
11G\_Ant1\_2462\_0.009~2400



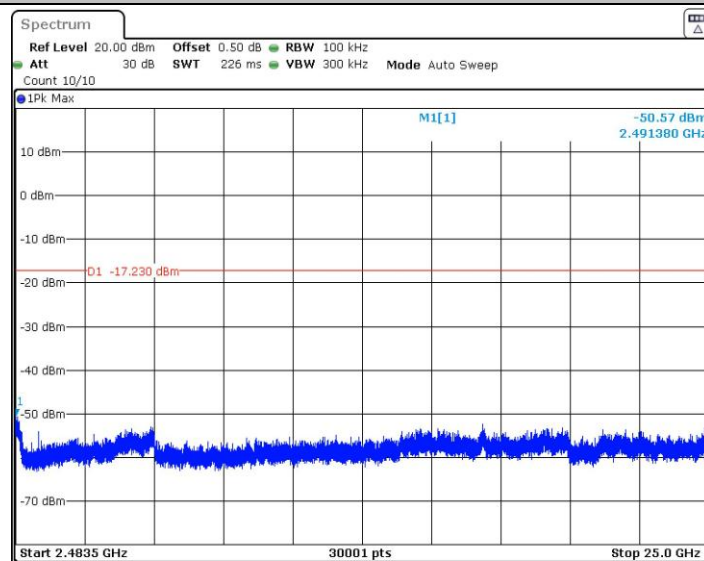
11G\_Ant1\_2462\_2483.5~25000



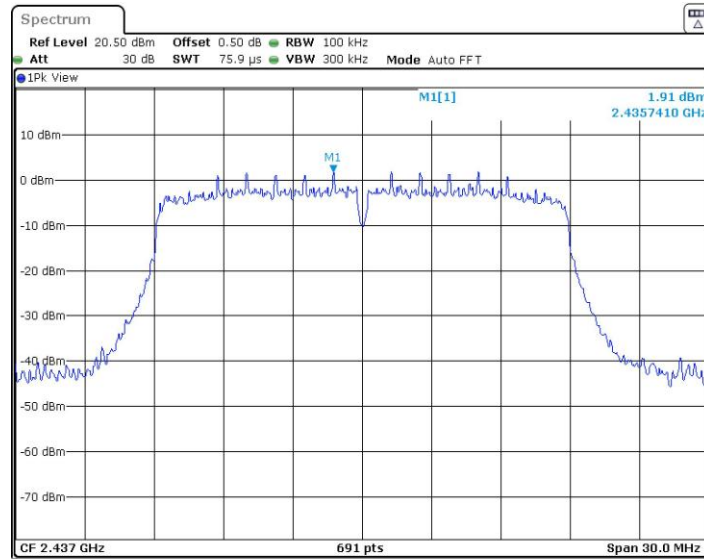
11N20SISO\_Ant1\_2412\_0~Reference



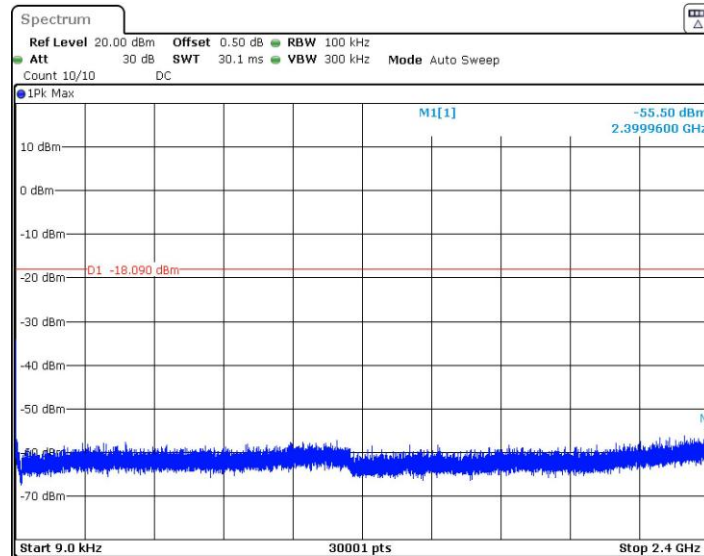
11N20SISO\_Ant1\_2412\_0.009~2400



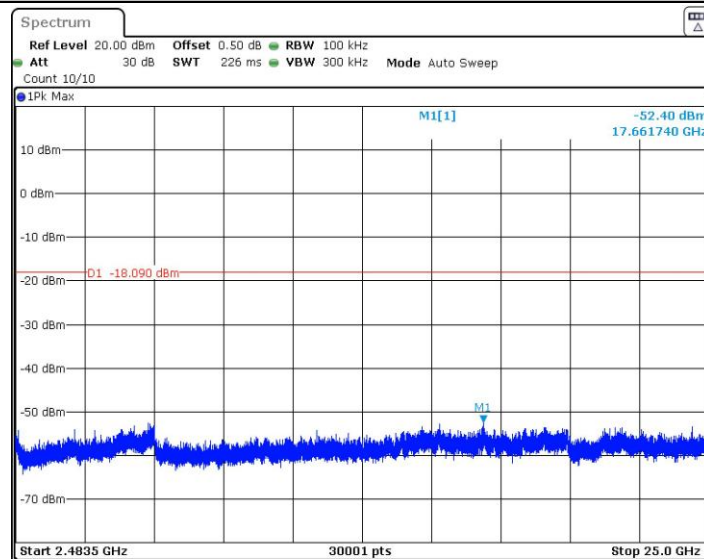
11N20SISO\_Ant1\_2412\_2483.5~25000



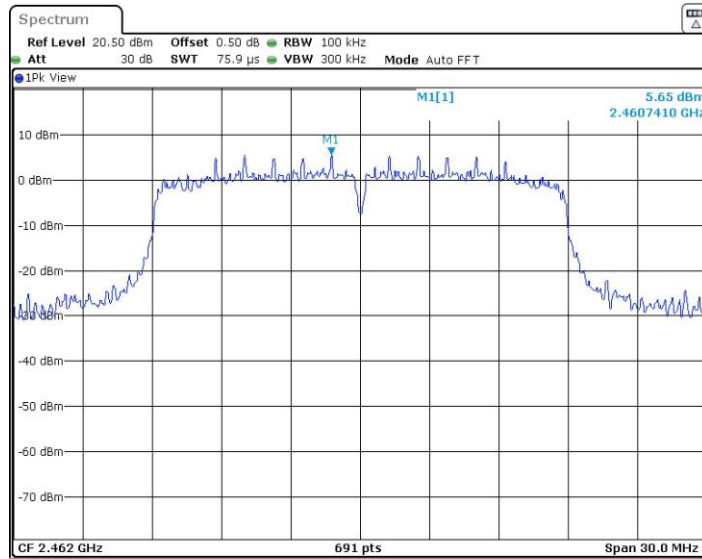
11N20SISO\_Ant1\_2437\_0~Reference



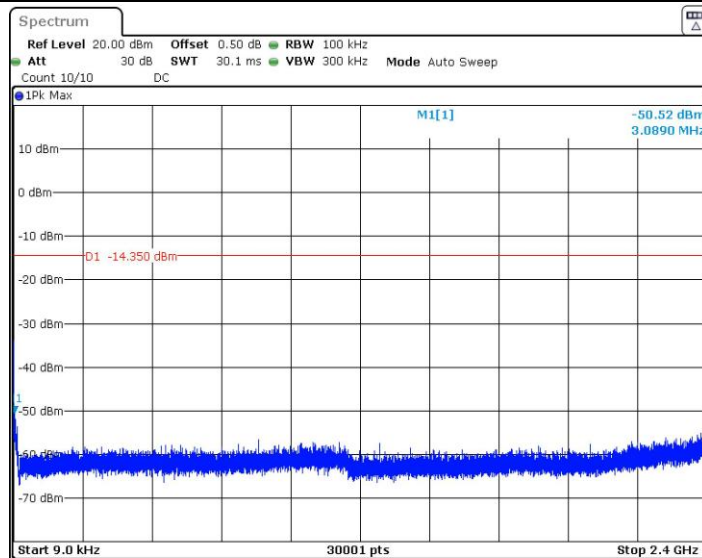
11N20SISO\_Ant1\_2437\_0.009~2400



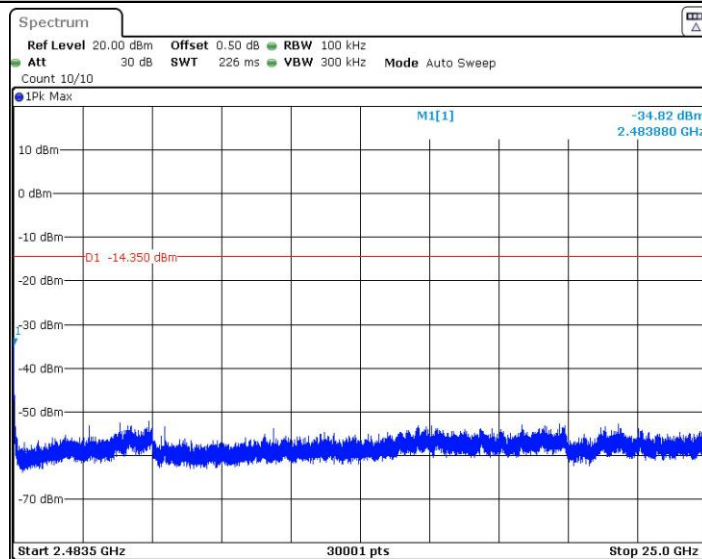
11N20SISO\_Ant1\_2437\_2483.5~25000



11N20SISO\_Ant1\_2462\_0~Reference



11N20SISO\_Ant1\_2462\_0.009~2400



11N20SISO\_Ant1\_2462\_2483.5~25000