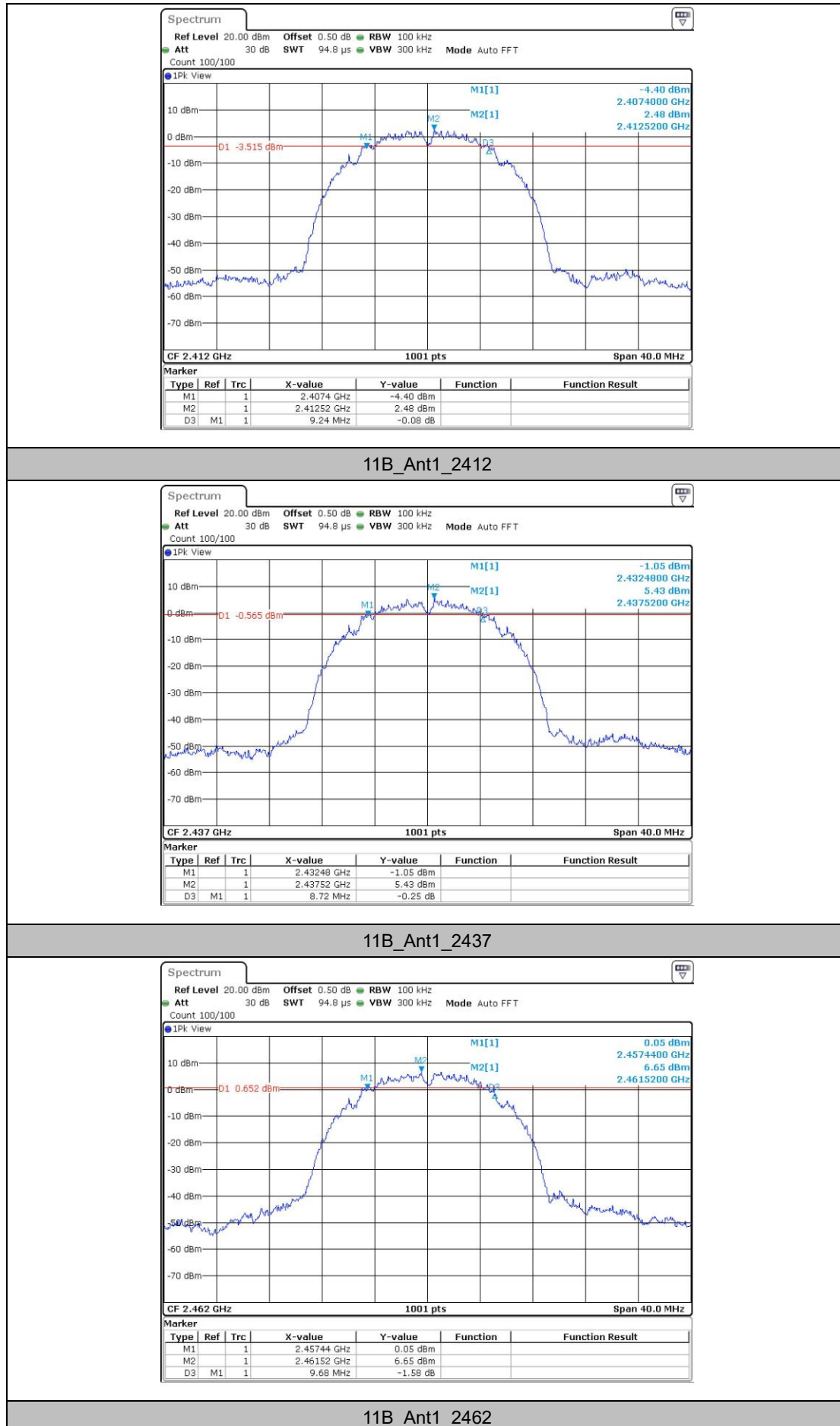


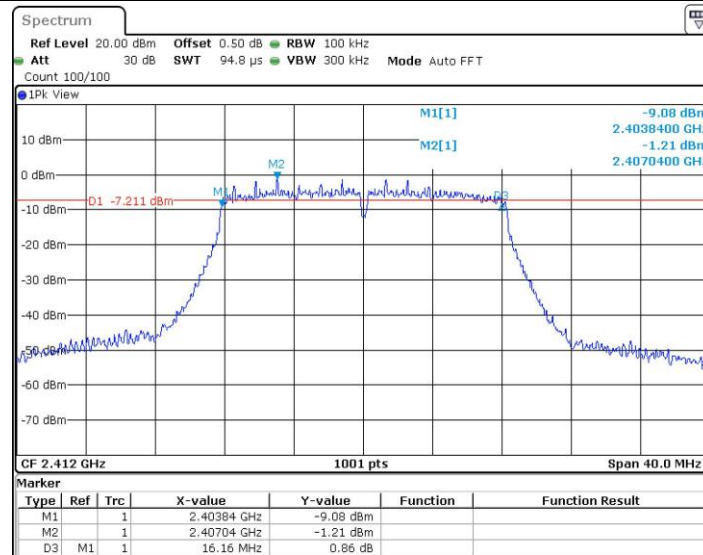
## Appendix A: DTS Bandwidth

### Test Result

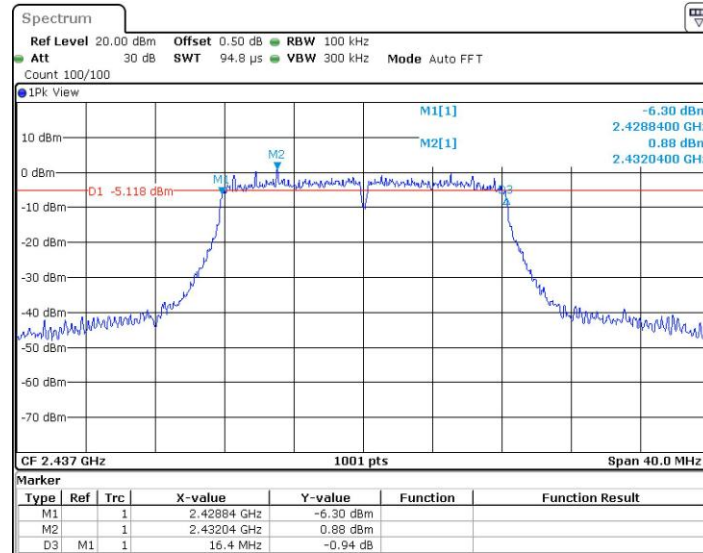
| TestMode  | Antenna | Channel | DTS BW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.240           | 2407.400 | 2416.640 | 0.5        | PASS    |
|           |         | 2437    | 8.720           | 2432.480 | 2441.200 | 0.5        | PASS    |
|           |         | 2462    | 9.680           | 2457.440 | 2467.120 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 16.160          | 2403.840 | 2420.000 | 0.5        | PASS    |
|           |         | 2437    | 16.400          | 2428.840 | 2445.240 | 0.5        | PASS    |
|           |         | 2462    | 16.400          | 2453.840 | 2470.240 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 16.760          | 2403.440 | 2420.200 | 0.5        | PASS    |
|           |         | 2437    | 16.760          | 2428.480 | 2445.240 | 0.5        | PASS    |
|           |         | 2462    | 16.640          | 2453.600 | 2470.240 | 0.5        | PASS    |

## Test Graphs

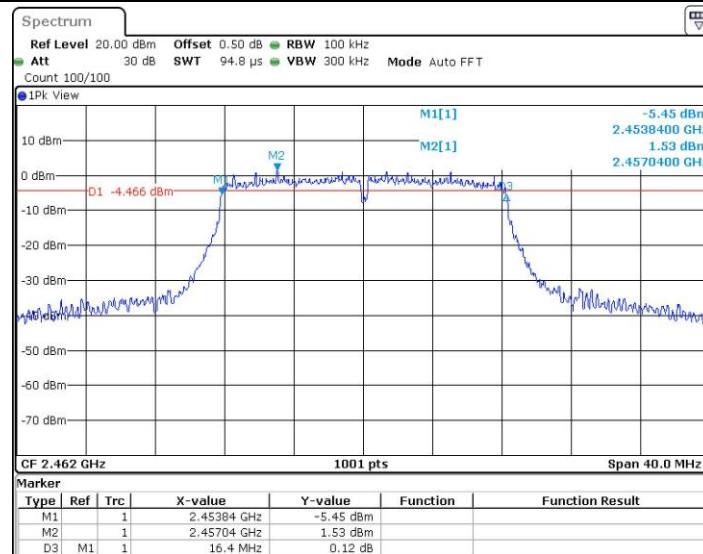




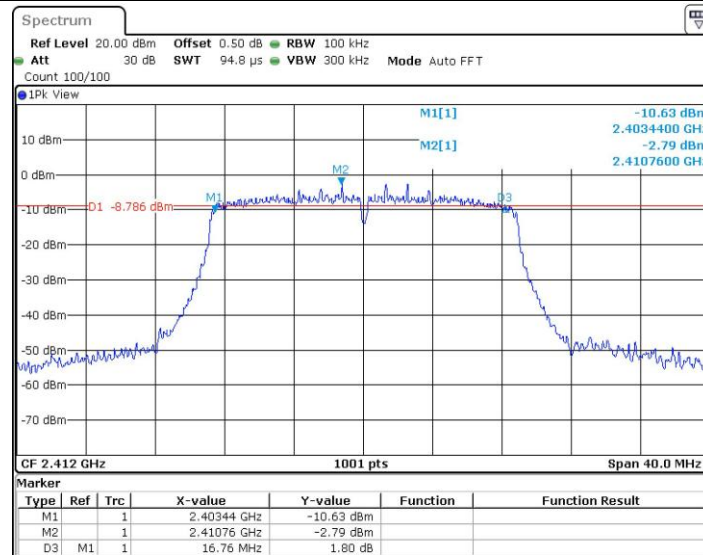
11G\_Ant1\_2412



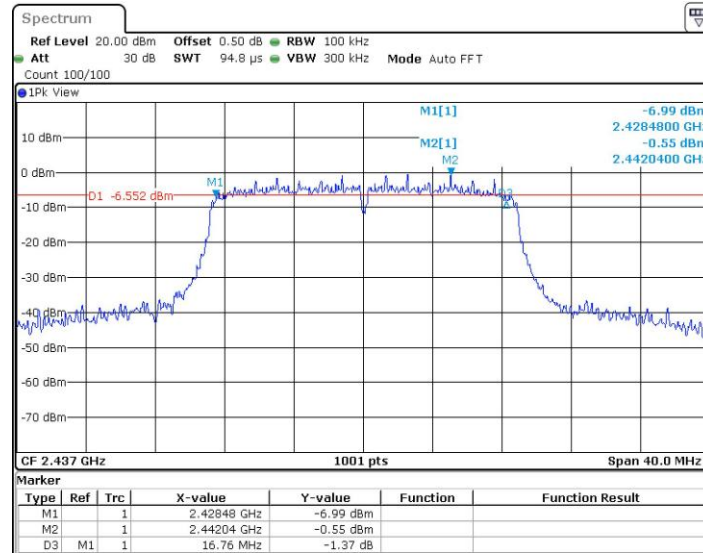
11G\_Ant1\_2437



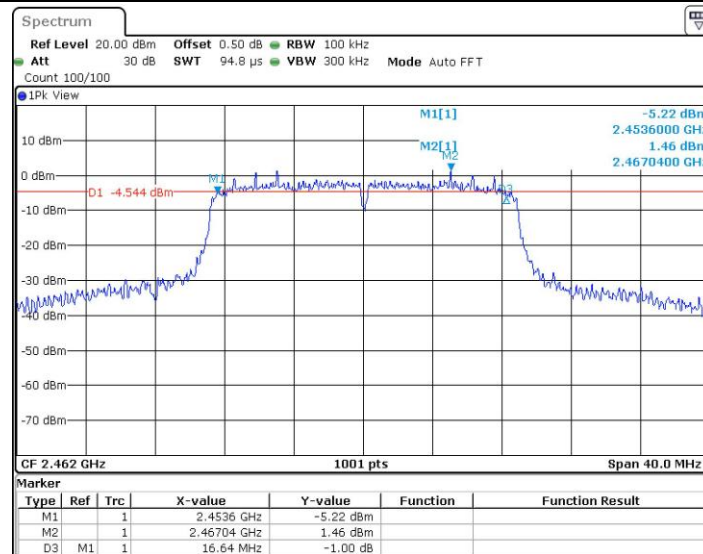
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462

## Appendix B: Maximum conducted output power

### Test Result

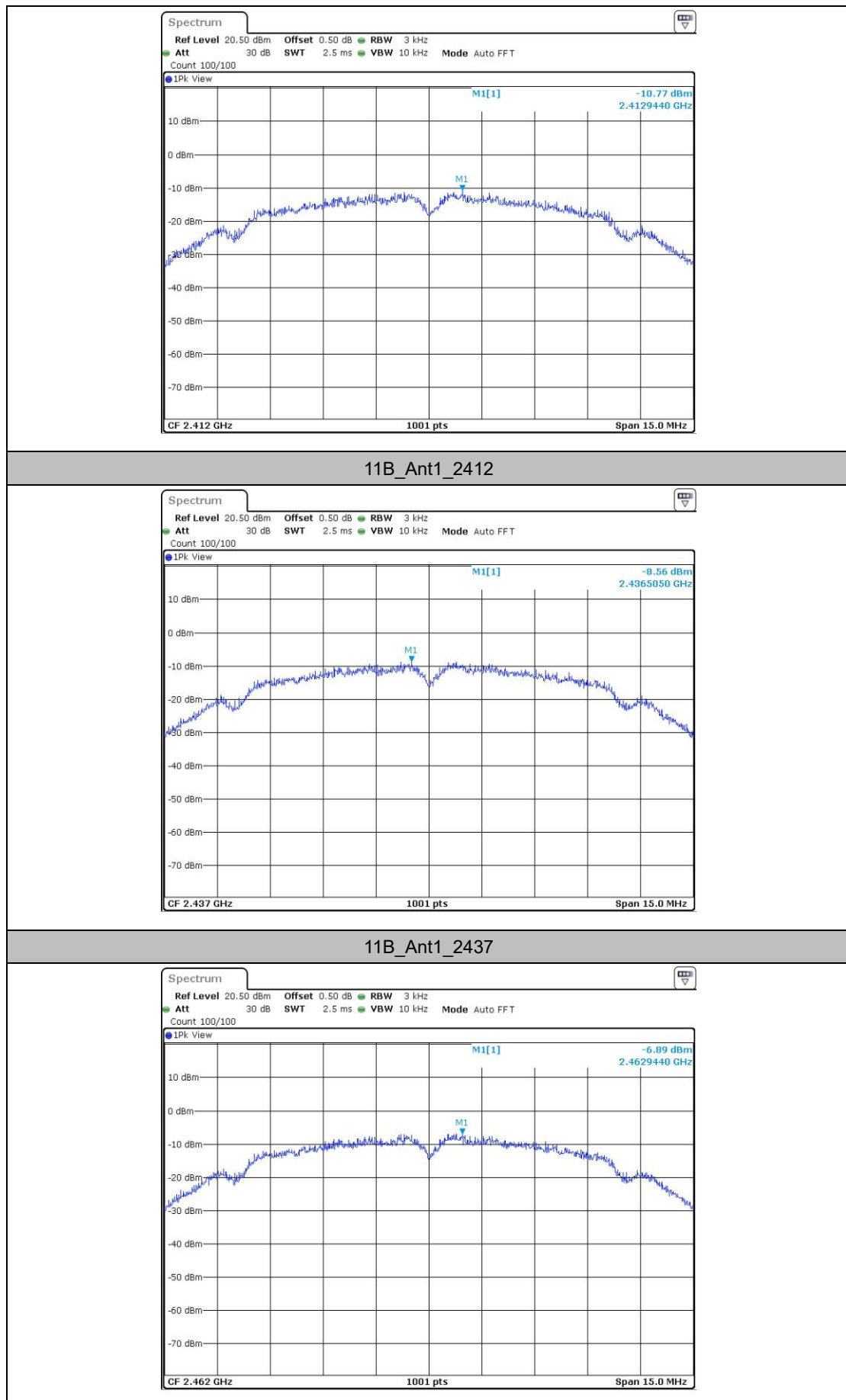
| Model | Channel | Frequency (MHz) | Power (dBm) | Limit (dBm) | Verdict |
|-------|---------|-----------------|-------------|-------------|---------|
| 11b   | 1       | 2412            | 13.4        | 30.0        | PASS    |
|       | 6       | 2437            | 11.5        | 30.0        | PASS    |
|       | 11      | 2462            | 12.5        | 30.0        | PASS    |
| 11g   | 1       | 2412            | 16.0        | 30.0        | PASS    |
|       | 6       | 2437            | 17.2        | 30.0        | PASS    |
|       | 11      | 2462            | 17.9        | 30.0        | PASS    |
| 11n20 | 1       | 2412            | 15.3        | 30.0        | PASS    |
|       | 6       | 2437            | 16.1        | 30.0        | PASS    |
|       | 11      | 2462            | 17.3        | 30.0        | PASS    |

## Appendix C: Maximum power spectral density

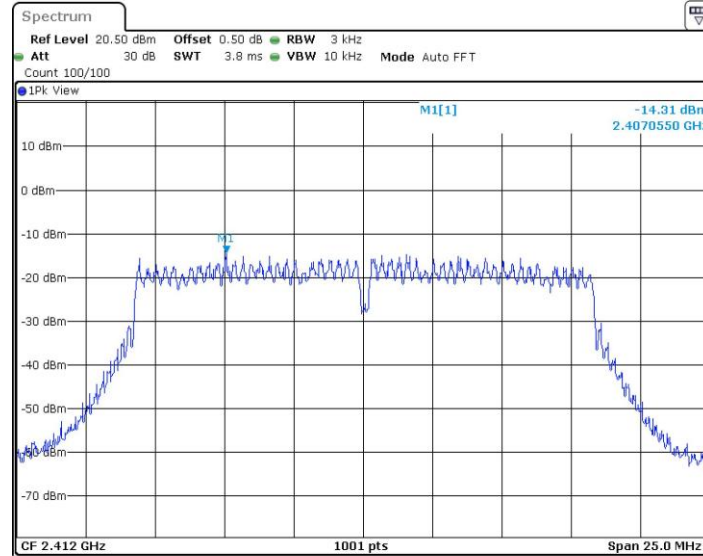
### Test Result

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -10.77               | <=8             | PASS    |
|           |         | 2437    | -8.56                | <=8             | PASS    |
|           |         | 2462    | -6.89                | <=8             | PASS    |
| 11G       | Ant1    | 2412    | -14.31               | <=8             | PASS    |
|           |         | 2437    | -12.2                | <=8             | PASS    |
|           |         | 2462    | -10.85               | <=8             | PASS    |
| 11N20SISO | Ant1    | 2412    | -16.35               | <=8             | PASS    |
|           |         | 2437    | -13.57               | <=8             | PASS    |
|           |         | 2462    | -12.27               | <=8             | PASS    |

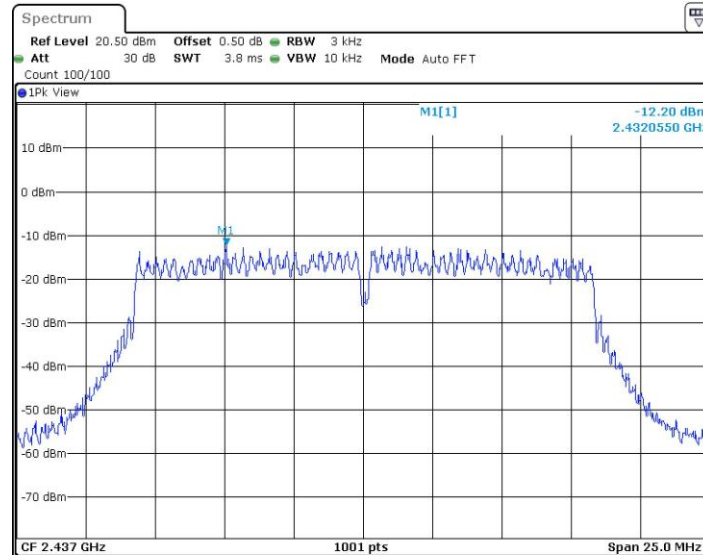
## Test Graphs



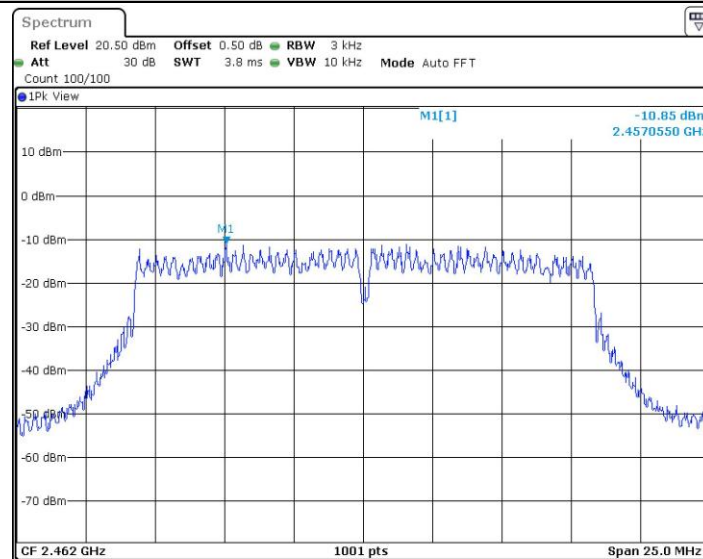
### 11B\_Ant1\_2462



### 11G\_Ant1\_2412

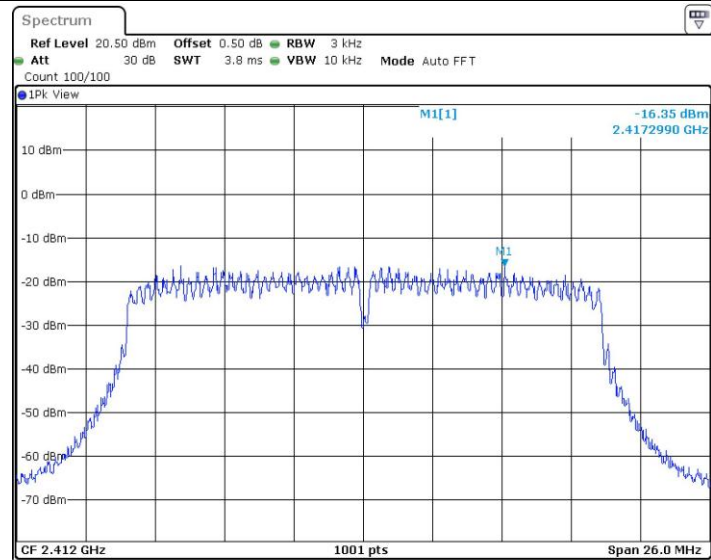


### 11G\_Ant1\_2437

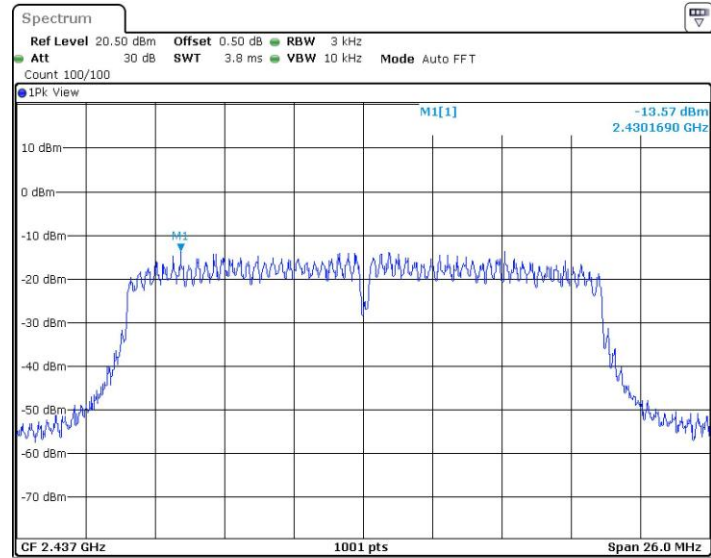


### 11G\_Ant1\_2462

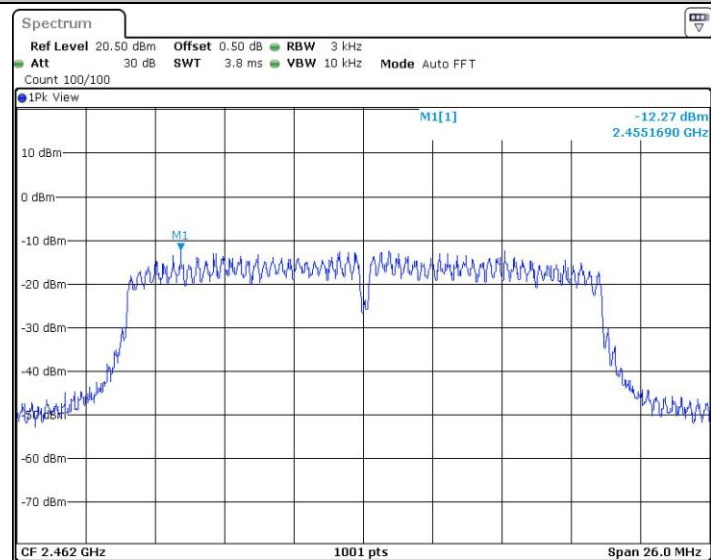




11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



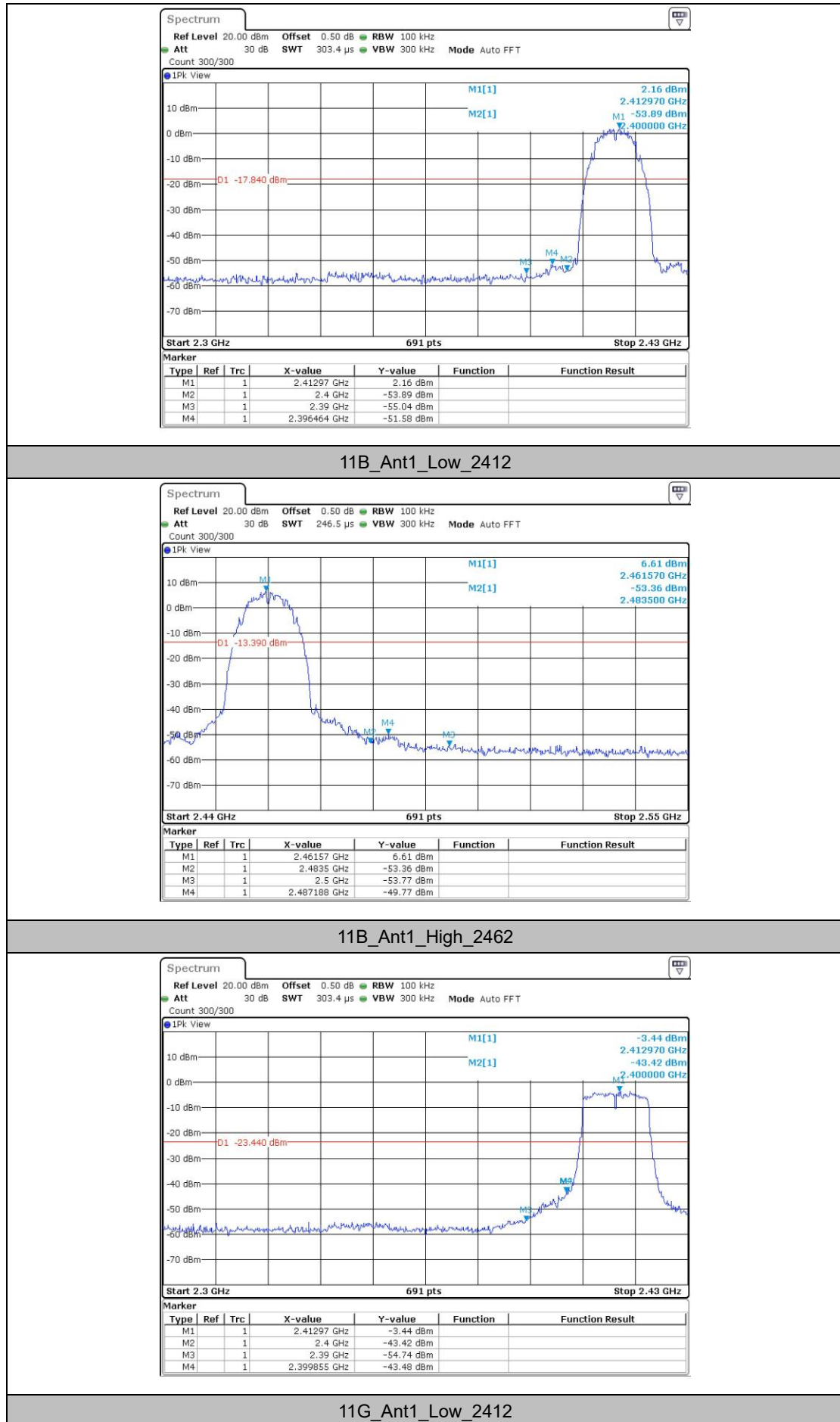
11N20SISO\_Ant1\_2462

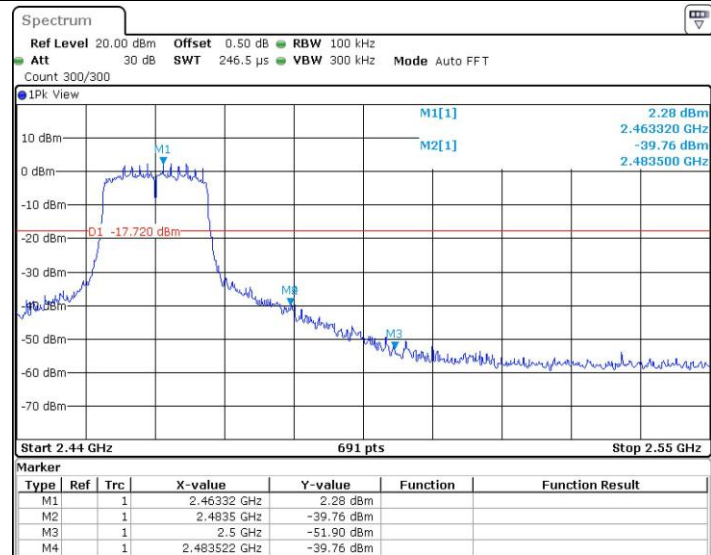
## Appendix D: Band edge measurements

### Test Result

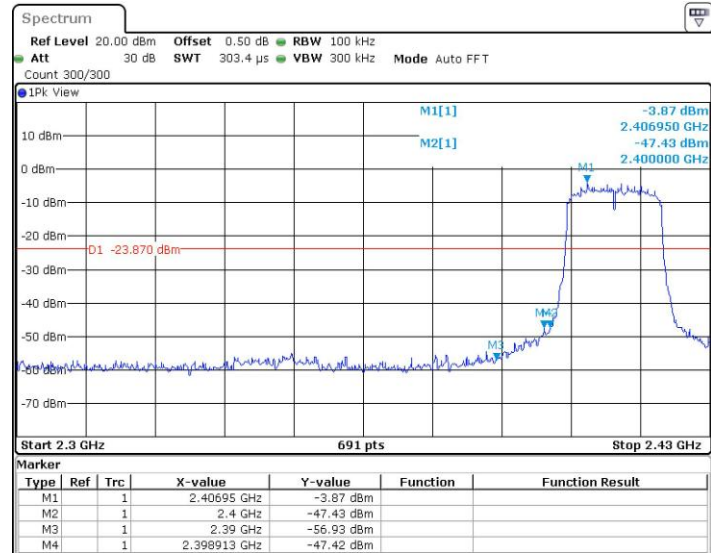
| TestMode  | Antenna | ChName | Channel | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------|---------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low    | 2412    | 2.16          | -51.58      | <=-17.84   | PASS    |
|           |         | High   | 2462    | 6.61          | -49.77      | <=-13.39   | PASS    |
| 11G       | Ant1    | Low    | 2412    | -3.44         | -43.48      | <=-23.44   | PASS    |
|           |         | High   | 2462    | 2.28          | -39.76      | <=-17.72   | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | -3.87         | -47.42      | <=-23.87   | PASS    |
|           |         | High   | 2462    | 1.37          | -36.87      | <=-18.63   | PASS    |

## Test Graphs

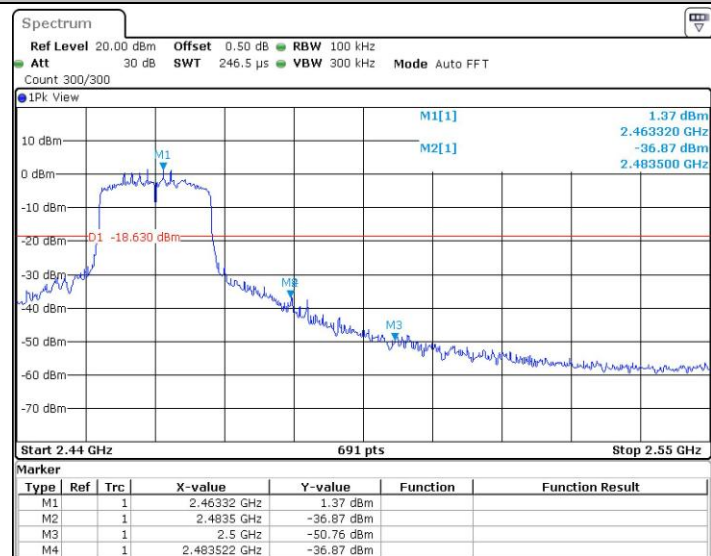




11G\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



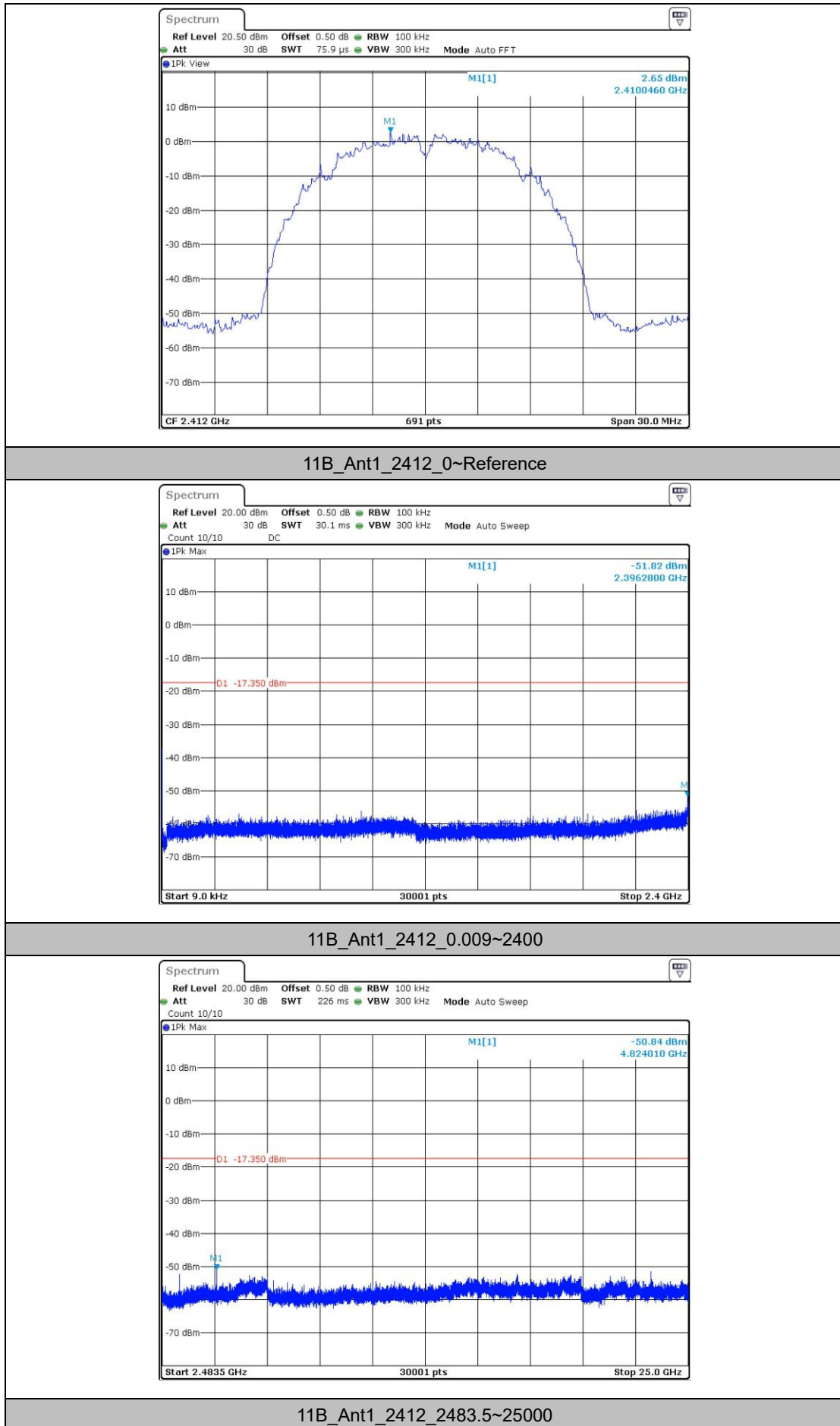
11N20SISO\_Ant1\_High\_2462

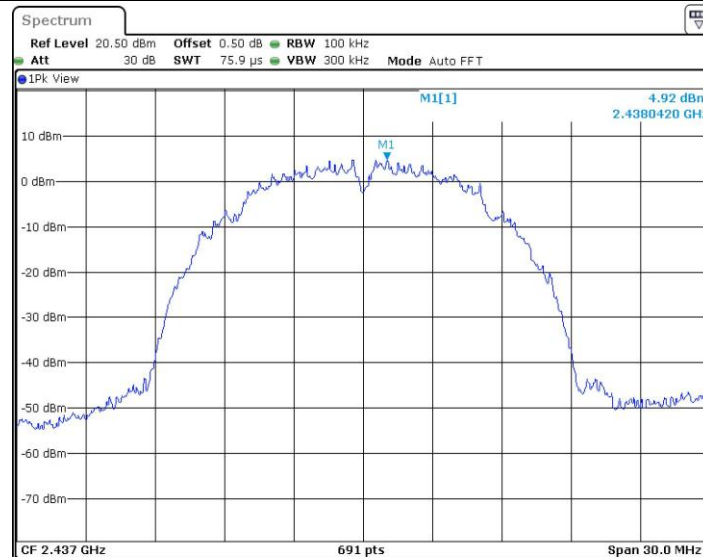
## Appendix E: Conducted Spurious Emission

### Test Result

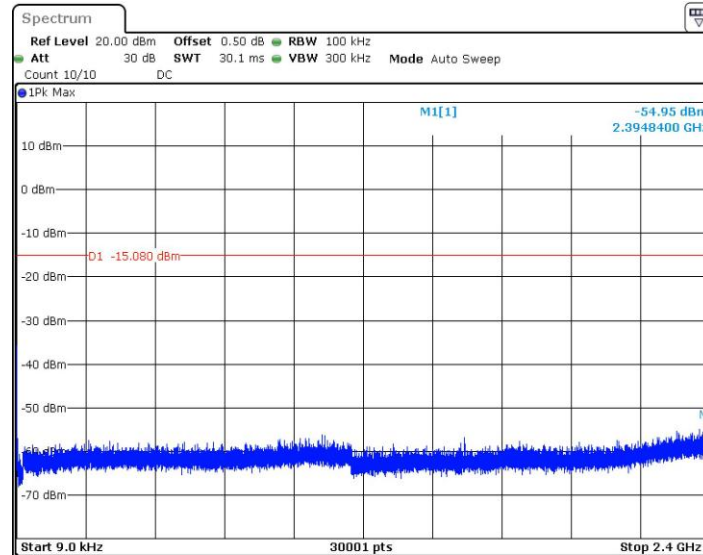
| TestMode  | Antenna | Channel | FreqRange<br>[Mhz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|-----------------|----------------|---------|
| 11B       | Ant1    | 2412    | Reference          | 2.65              | 2.65            | ---            | PASS    |
|           |         |         | 0.009~2400         | 2.65              | -51.82          | <=-17.35       | PASS    |
|           |         |         | 2483.5~25000       | 2.65              | -50.84          | <=-17.35       | PASS    |
|           |         | 2437    | Reference          | 4.92              | 4.92            | ---            | PASS    |
|           |         |         | 0.009~2400         | 4.92              | -54.95          | <=-15.08       | PASS    |
|           |         |         | 2483.5~25000       | 4.92              | -47.46          | <=-15.08       | PASS    |
|           |         | 2462    | Reference          | 6.76              | 6.76            | ---            | PASS    |
|           |         |         | 0.009~2400         | 6.76              | -54.29          | <=-13.24       | PASS    |
|           |         |         | 2483.5~25000       | 6.76              | -48.13          | <=-13.24       | PASS    |
| 11G       | Ant1    | 2412    | Reference          | -1.15             | -1.15           | ---            | PASS    |
|           |         |         | 0.009~2400         | -1.15             | -45.59          | <=-21.15       | PASS    |
|           |         |         | 2483.5~25000       | -1.15             | -52.03          | <=-21.15       | PASS    |
|           |         | 2437    | Reference          | 0.78              | 0.78            | ---            | PASS    |
|           |         |         | 0.009~2400         | 0.78              | -55.47          | <=-19.22       | PASS    |
|           |         |         | 2483.5~25000       | 0.78              | -51.36          | <=-19.22       | PASS    |
|           |         | 2462    | Reference          | 0.06              | 0.06            | ---            | PASS    |
|           |         |         | 0.009~2400         | 0.06              | -55.5           | <=-19.94       | PASS    |
|           |         |         | 2483.5~25000       | 0.06              | -42.47          | <=-19.94       | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference          | -5.22             | -5.22           | ---            | PASS    |
|           |         |         | 0.009~2400         | -5.22             | -49.14          | <=-25.22       | PASS    |
|           |         |         | 2483.5~25000       | -5.22             | -52.41          | <=-25.22       | PASS    |
|           |         | 2437    | Reference          | -1.44             | -1.44           | ---            | PASS    |
|           |         |         | 0.009~2400         | -1.44             | -54.92          | <=-21.44       | PASS    |
|           |         |         | 2483.5~25000       | -1.44             | -52.14          | <=-21.44       | PASS    |
|           |         | 2462    | Reference          | 1.46              | 1.46            | ---            | PASS    |
|           |         |         | 0.009~2400         | 1.46              | -56.71          | <=-18.54       | PASS    |
|           |         |         | 2483.5~25000       | 1.46              | -41.69          | <=-18.54       | PASS    |

## Test Graphs

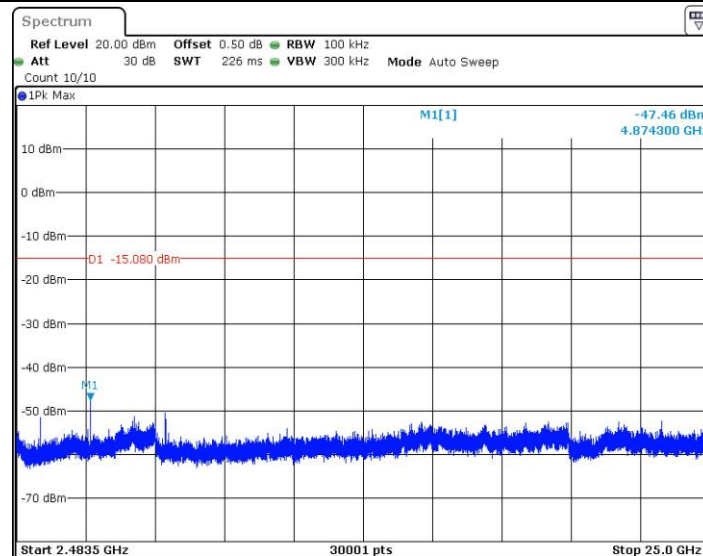




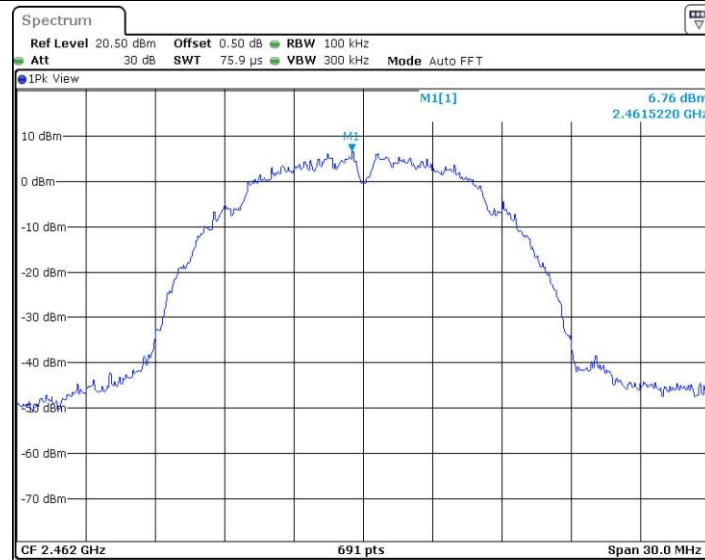
11B\_Ant1\_2437\_0~Reference



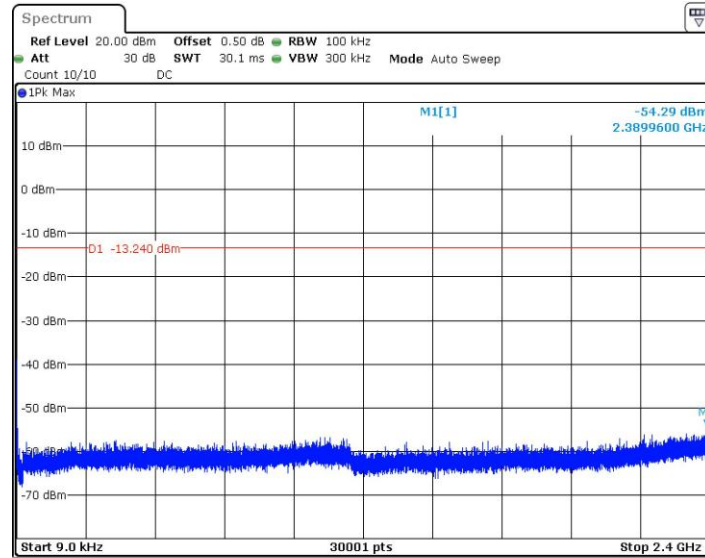
11B\_Ant1\_2437\_0.009~2400



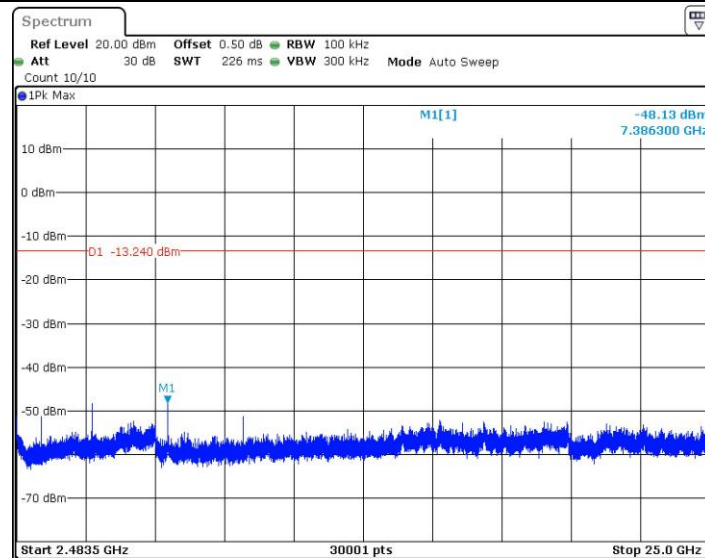
11B\_Ant1\_2437\_2483.5~25000



11B\_Ant1\_2462\_0~Reference

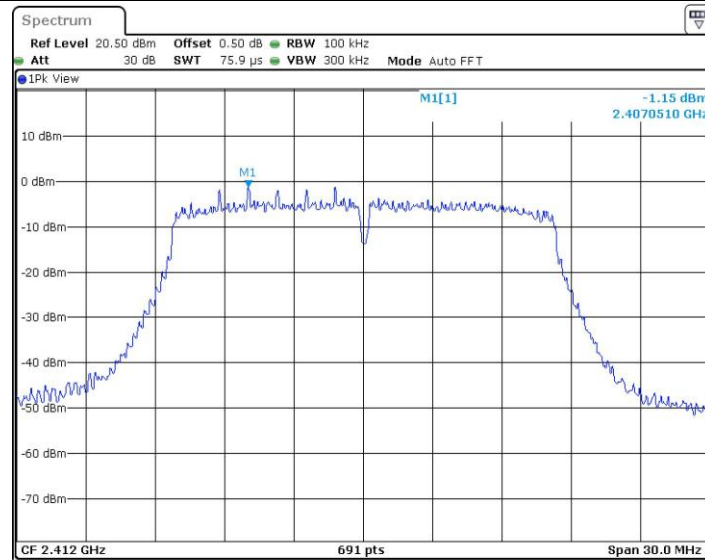


11B\_Ant1\_2462\_0.009~2400

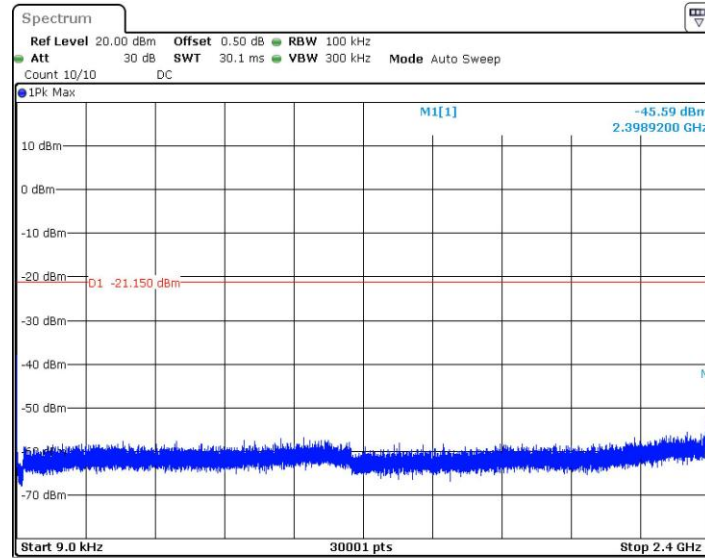


11B\_Ant1\_2462\_2483.5~25000

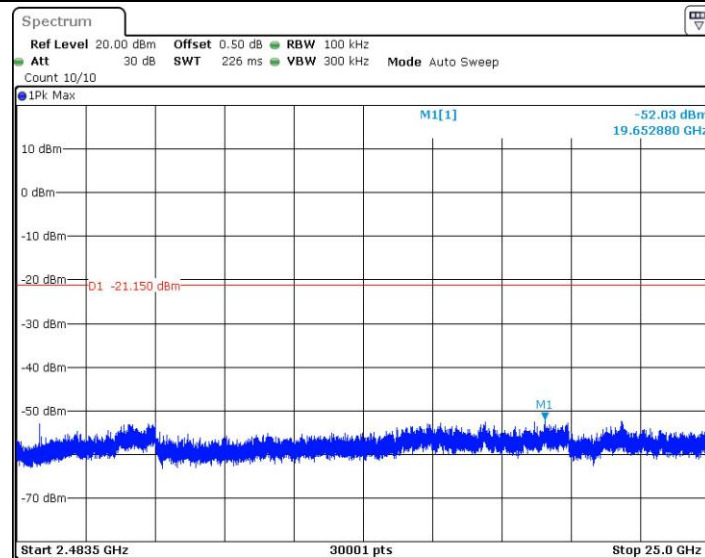




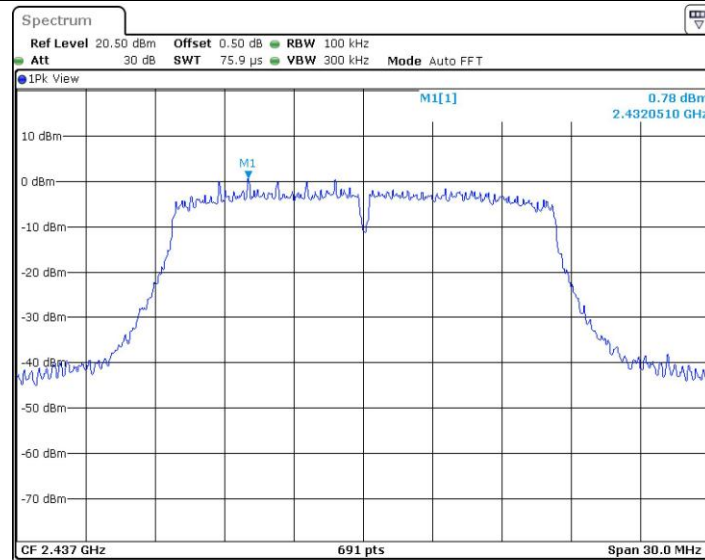
11G\_Ant1\_2412\_0~Reference



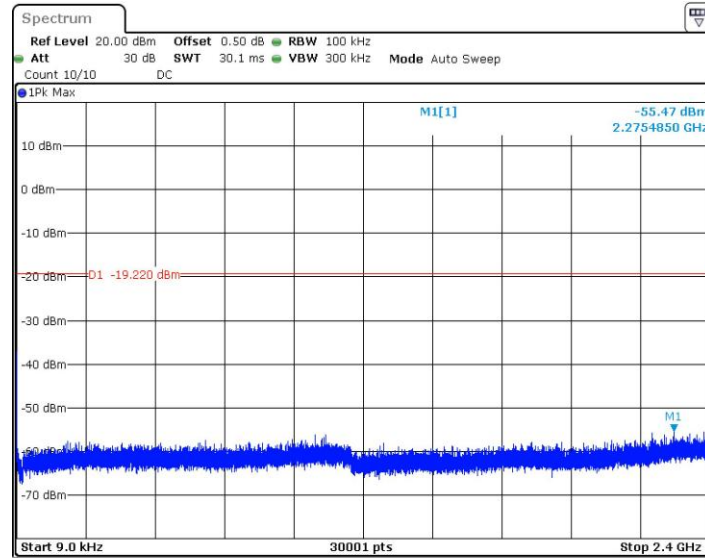
11G\_Ant1\_2412\_0.009~2400



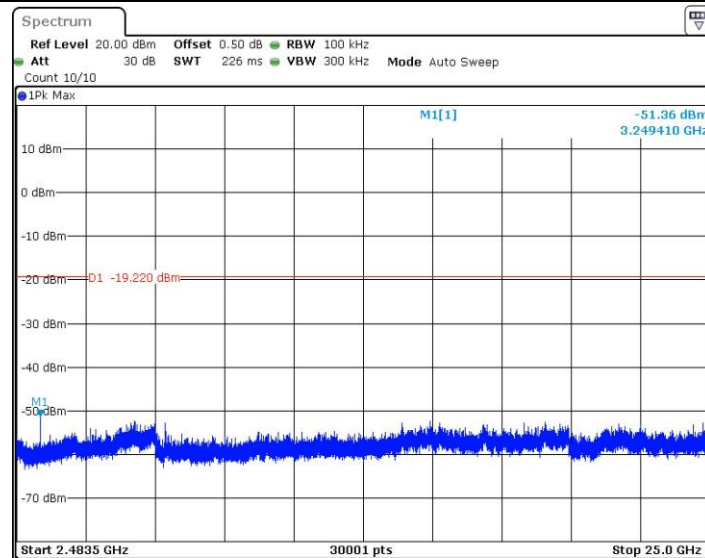
11G\_Ant1\_2412\_2483.5~25000



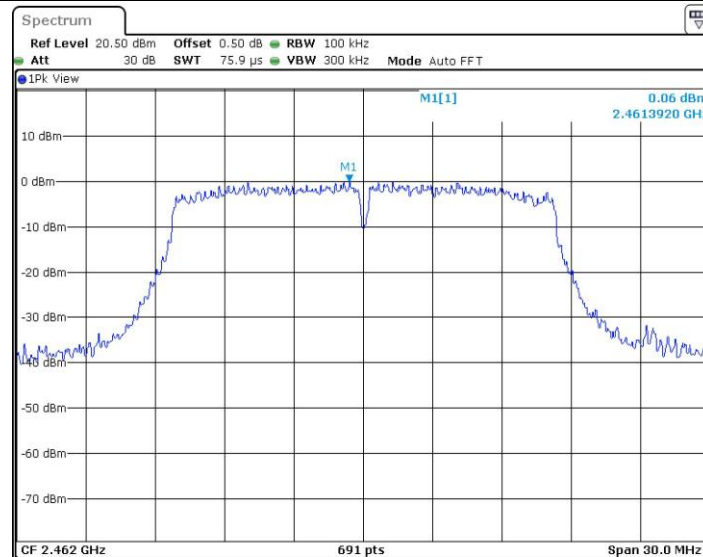
11G\_Ant1\_2437\_0~Reference



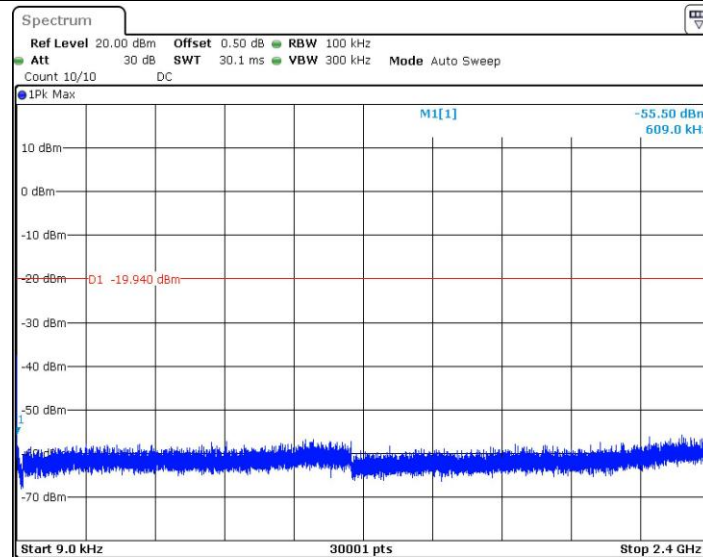
11G\_Ant1\_2437\_0.009~2400



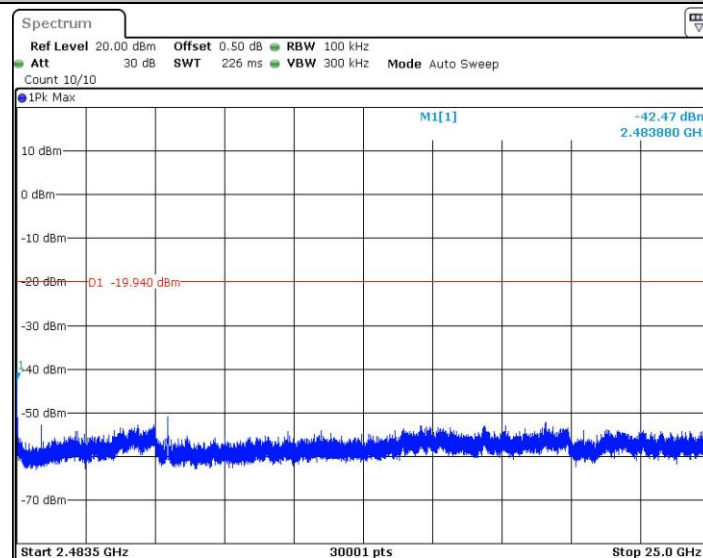
11G\_Ant1\_2437\_2483.5~25000



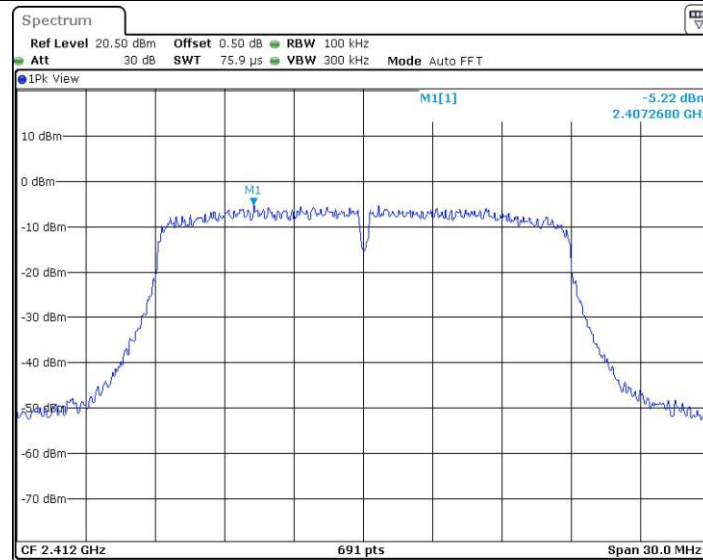
11G\_Ant1\_2462\_0~Reference



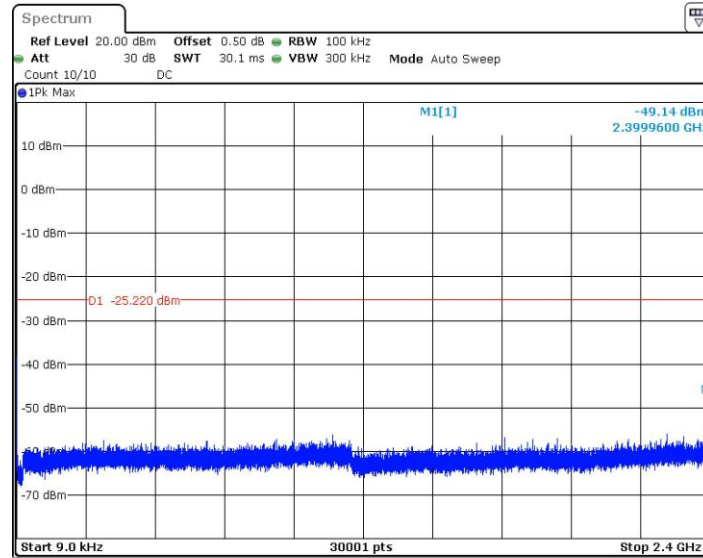
11G\_Ant1\_2462\_0.009~2400



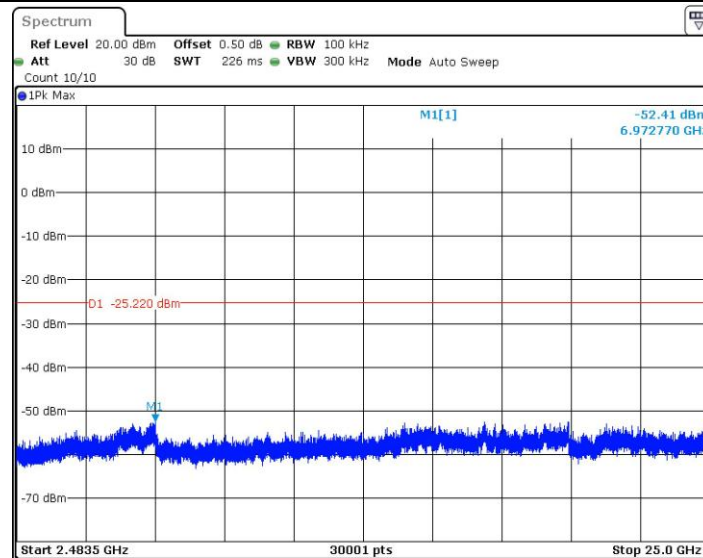
11G\_Ant1\_2462\_2483.5~25000



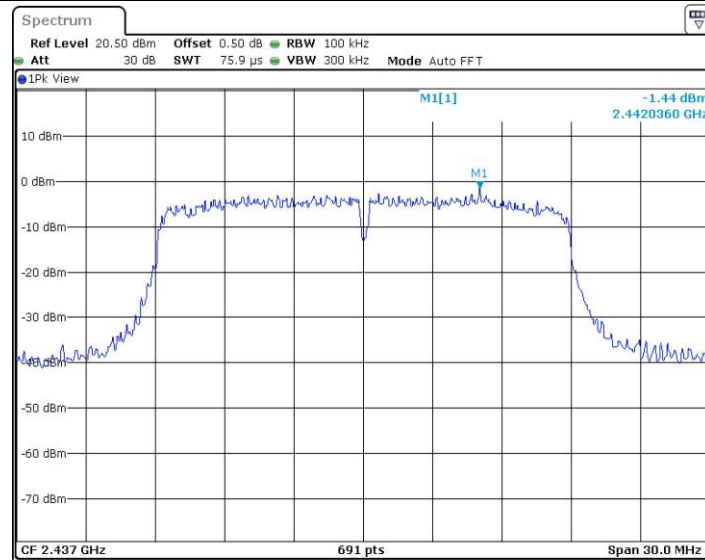
11N20SISO\_Ant1\_2412\_0~Reference



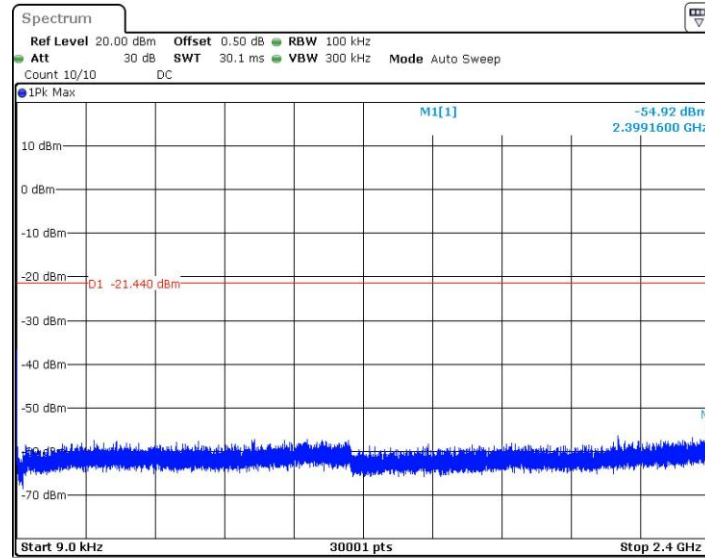
11N20SISO\_Ant1\_2412\_0.009~2400



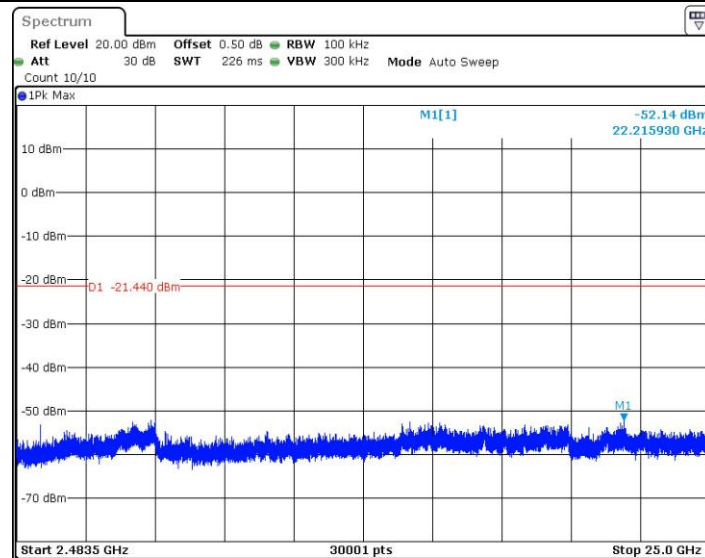
11N20SISO\_Ant1\_2412\_2483.5~25000



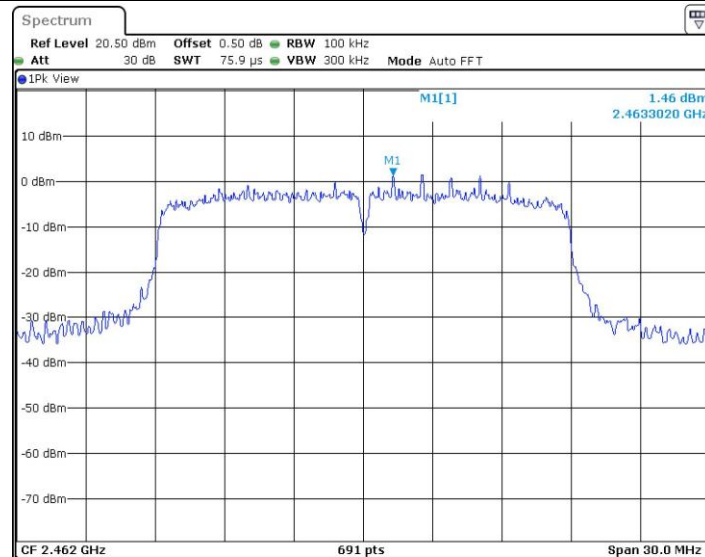
11N20SISO\_Ant1\_2437\_0~Reference



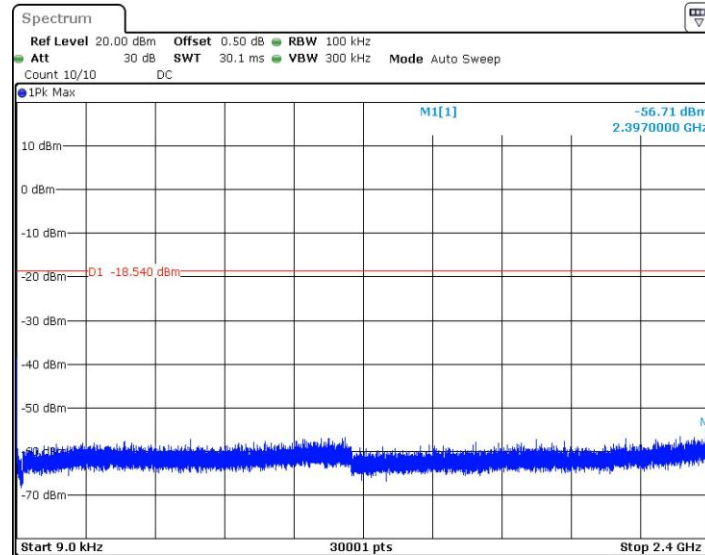
11N20SISO\_Ant1\_2437\_0.009~2400



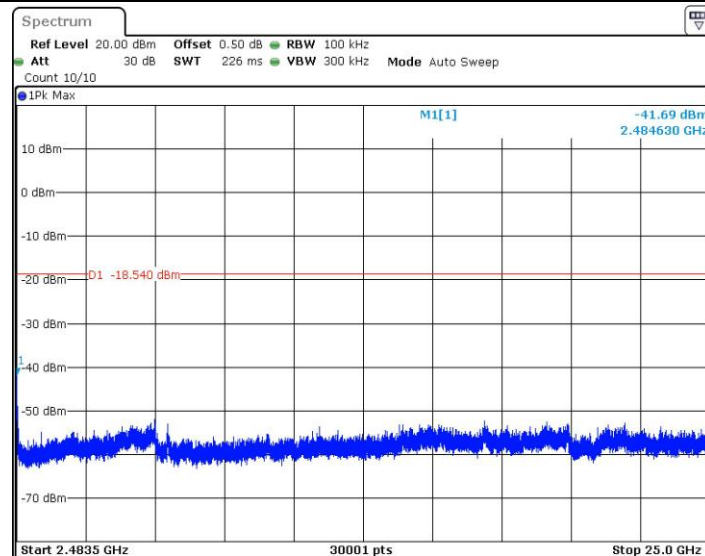
11N20SISO\_Ant1\_2437\_2483.5~25000



11N20SISO\_Ant1\_2462\_0~Reference



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



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