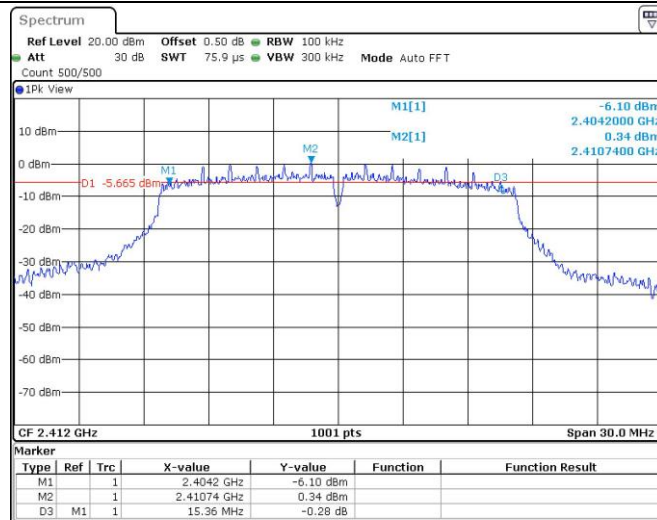


## Appendix A1:6dB Emission Bandwidth

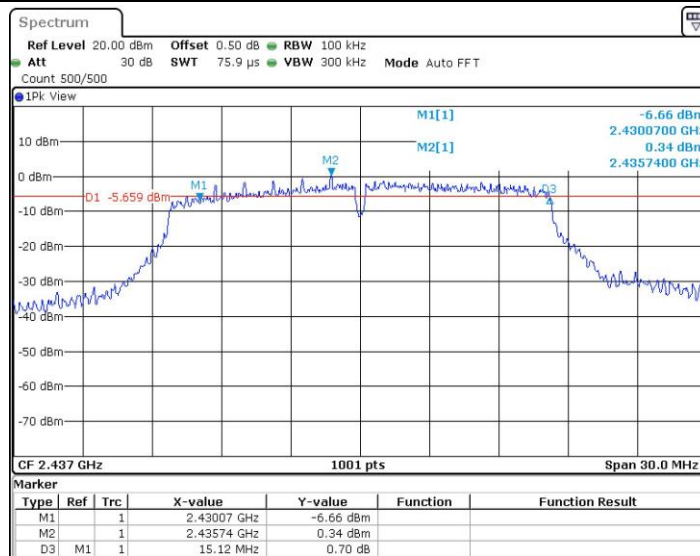
### Test Result

| TestMode  | Antenna | Channel | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|---------------|----------|----------|------------|---------|
| 11g       | Ant1    | 2412    | 15.360        | 2404.200 | 2419.560 | >=0.5      | PASS    |
|           |         | 2437    | 15.120        | 2430.070 | 2445.190 | >=0.5      | PASS    |
|           |         | 2462    | 14.550        | 2453.780 | 2468.330 | >=0.5      | PASS    |
| 11N20SISO | Ant1    | 2412    | 14.850        | 2403.450 | 2418.300 | >=0.5      | PASS    |
|           |         | 2437    | 15.180        | 2430.640 | 2445.820 | >=0.5      | PASS    |
|           |         | 2462    | 13.800        | 2453.210 | 2467.010 | >=0.5      | PASS    |
| 11N40SISO | Ant1    | 2422    | 35.460        | 2404.360 | 2439.820 | >=0.5      | PASS    |
|           |         | 2437    | 33.360        | 2421.880 | 2455.240 | >=0.5      | PASS    |
|           |         | 2452    | 25.200        | 2439.400 | 2464.600 | >=0.5      | PASS    |
| 11b       | Ant1    | 2412    | 8.130         | 2407.440 | 2415.570 | >=0.5      | PASS    |
|           |         | 2437    | 8.130         | 2433.430 | 2441.560 | >=0.5      | PASS    |
|           |         | 2462    | 8.610         | 2457.440 | 2466.050 | >=0.5      | PASS    |

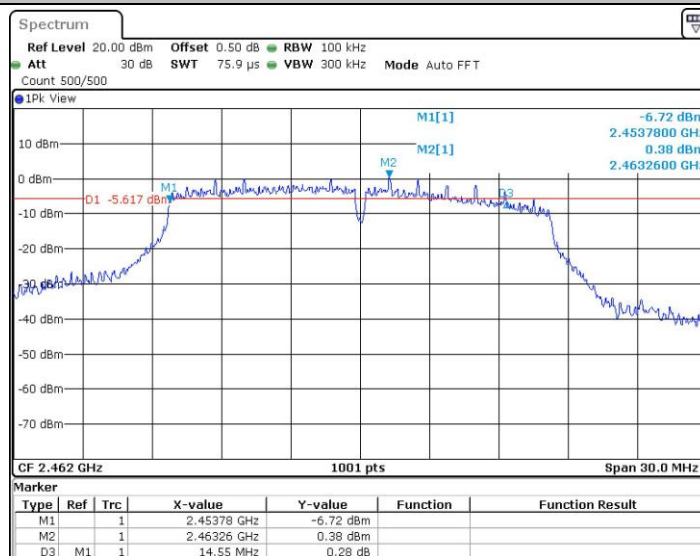
## Test Graphs



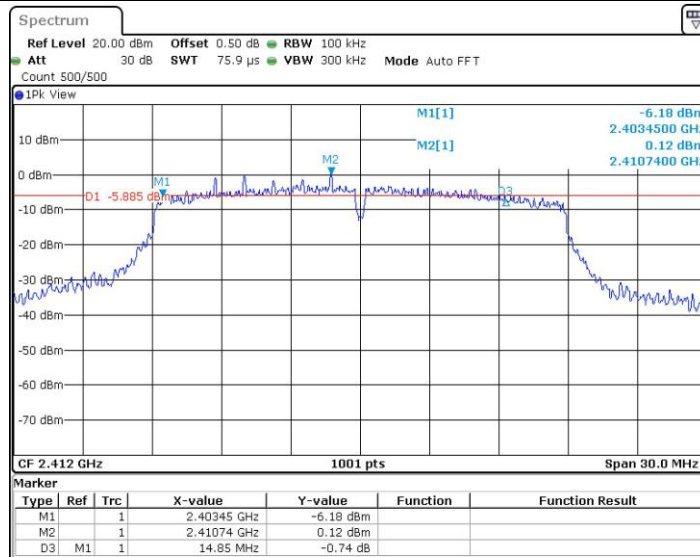
11g\_Ant1\_2412



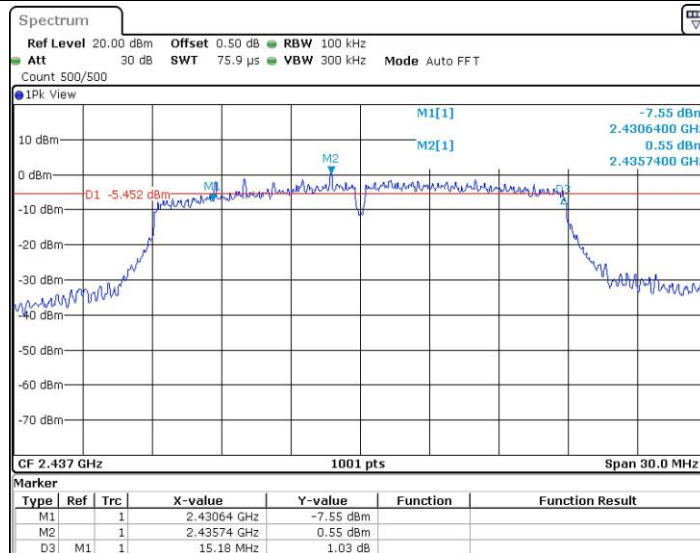
11g\_Ant1\_2437



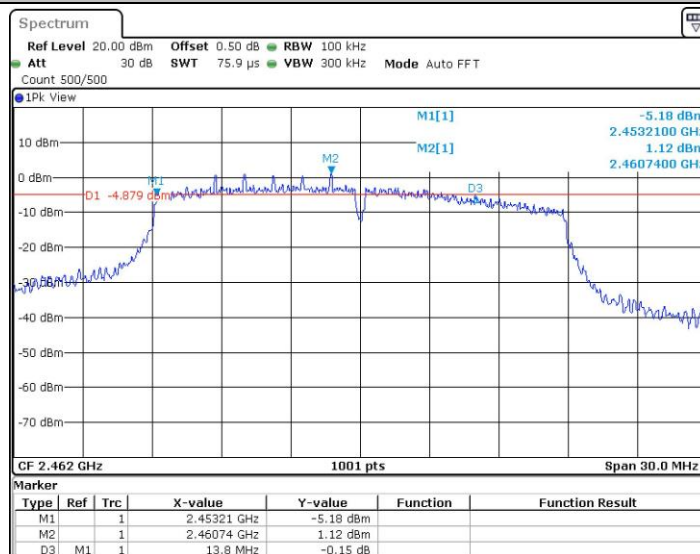
11g\_Ant1\_2462



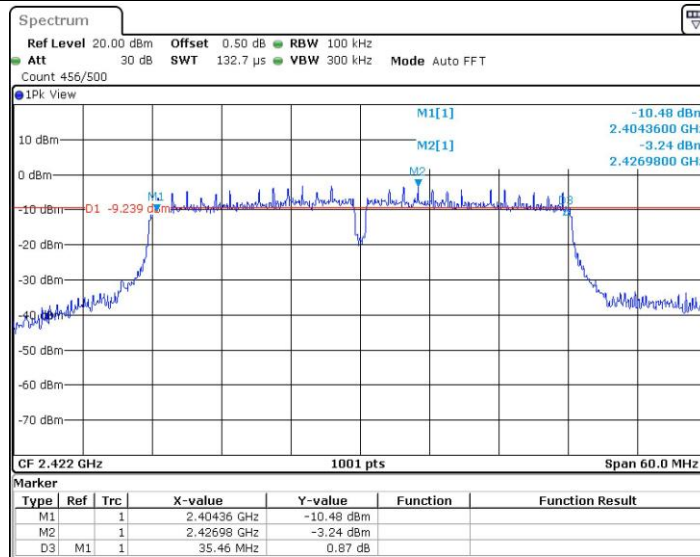
11N20SISO\_Ant1\_2412



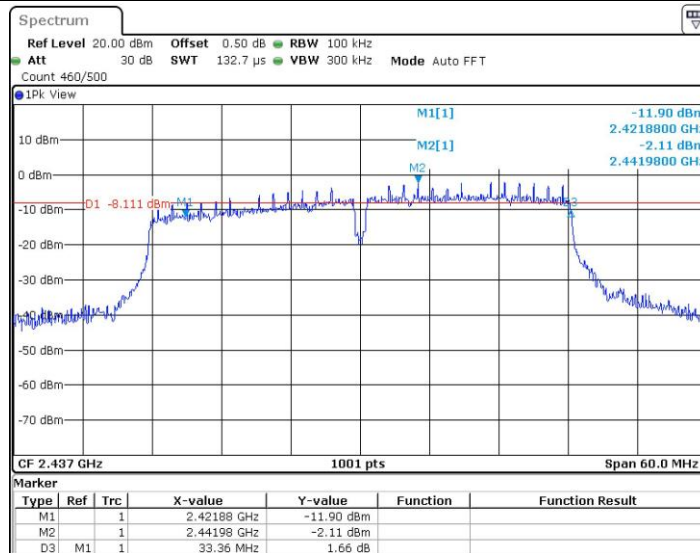
11N20SISO\_Ant1\_2437



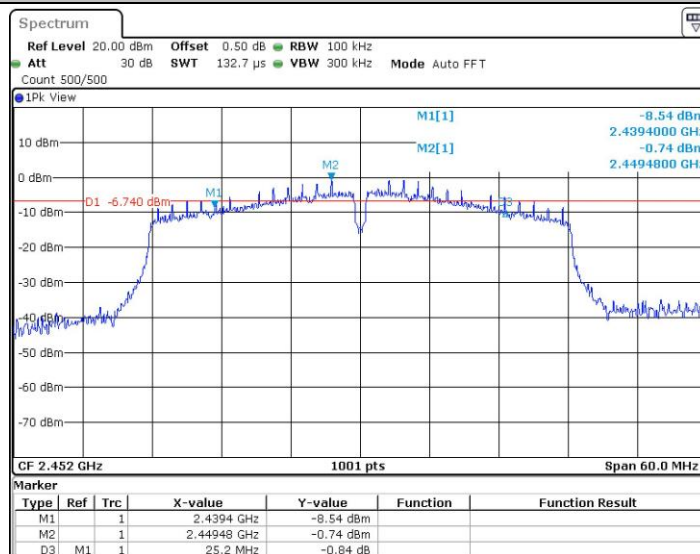
11N20SISO\_Ant1\_2462



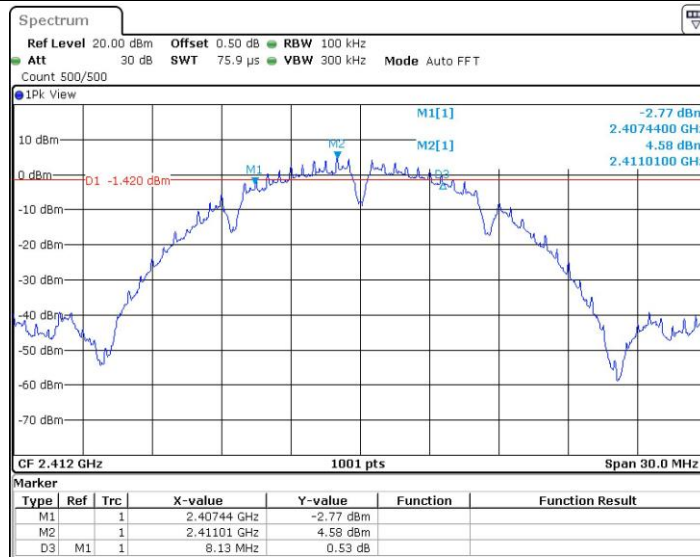
11N40SISO\_Ant1\_2422



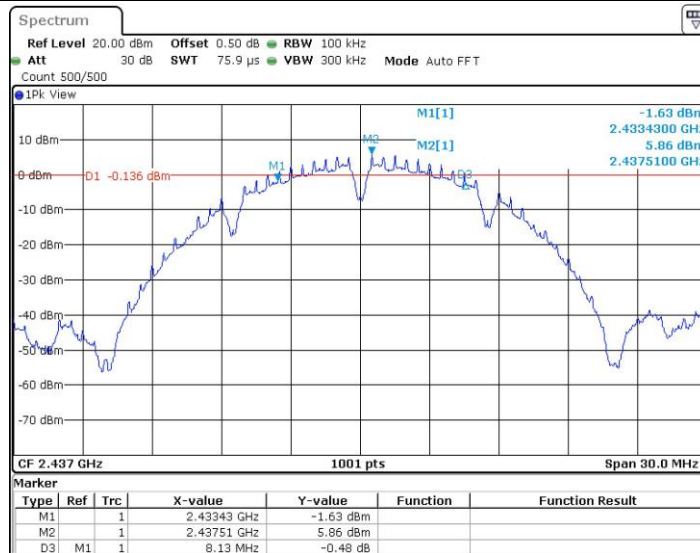
11N40SISO\_Ant1\_2437



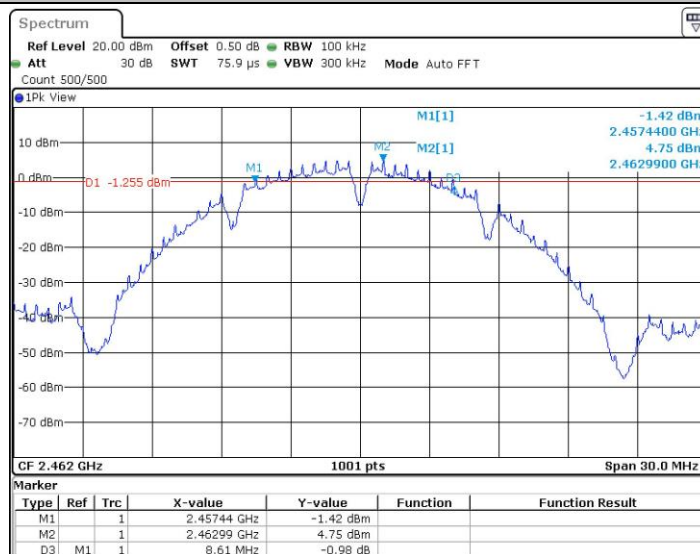
11N40SISO\_Ant1\_2452



11b\_Ant1\_2412



11b\_Ant1\_2437



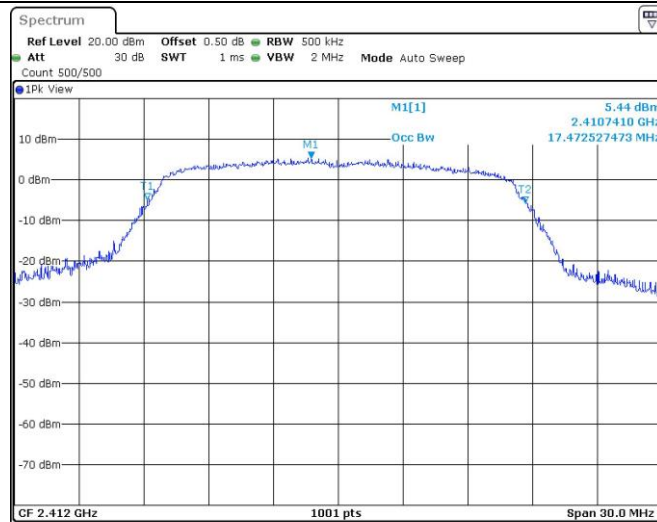
11b\_Ant1\_2462

## Appendix A2: 99%Occupied channel bandwidth

### Test Result

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11g       | Ant1    | 2412    | 17.473    | 2403.159 | 2420.631 | ---        | PASS    |
|           |         | 2437    | 17.413    | 2428.548 | 2445.961 | ---        | PASS    |
|           |         | 2462    | 17.383    | 2452.979 | 2470.362 | ---        | PASS    |
| 11N20SISO | Ant1    | 2412    | 18.282    | 2402.769 | 2421.051 | ---        | PASS    |
|           |         | 2437    | 18.282    | 2428.099 | 2446.381 | ---        | PASS    |
|           |         | 2462    | 18.252    | 2452.559 | 2470.811 | ---        | PASS    |
| 11N40SISO | Ant1    | 2422    | 37.103    | 2403.598 | 2440.701 | ---        | PASS    |
|           |         | 2437    | 36.743    | 2419.078 | 2455.821 | ---        | PASS    |
|           |         | 2452    | 35.844    | 2434.078 | 2469.922 | ---        | PASS    |
| 11b       | Ant1    | 2412    | 13.277    | 2405.257 | 2418.533 | ---        | PASS    |
|           |         | 2437    | 13.097    | 2430.706 | 2443.803 | ---        | PASS    |
|           |         | 2462    | 13.457    | 2454.897 | 2468.354 | ---        | PASS    |

## Test Graphs



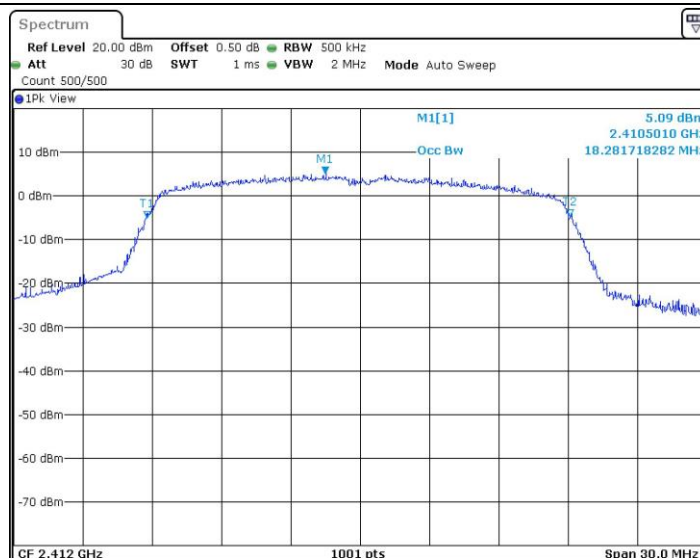
11g\_Ant1\_2412



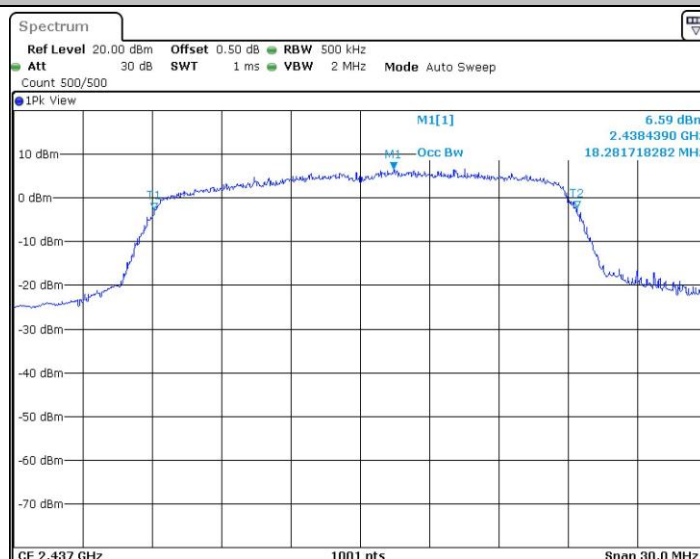
11g\_Ant1\_2437



11g\_Ant1\_2462



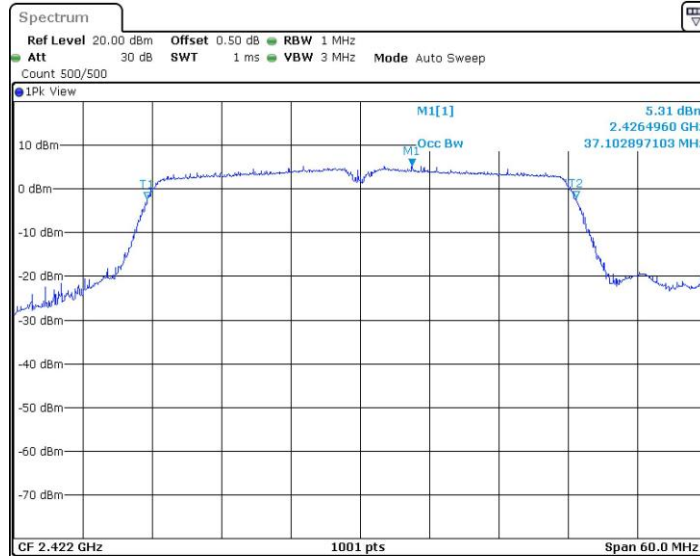
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



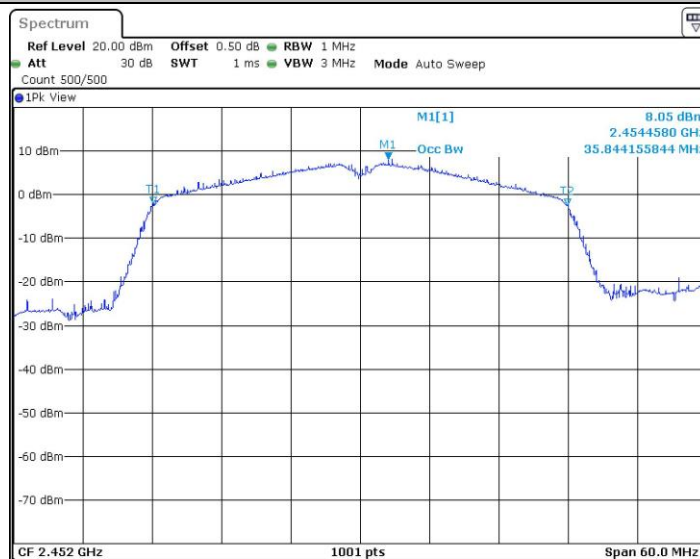
11N20SISO\_Ant1\_2462



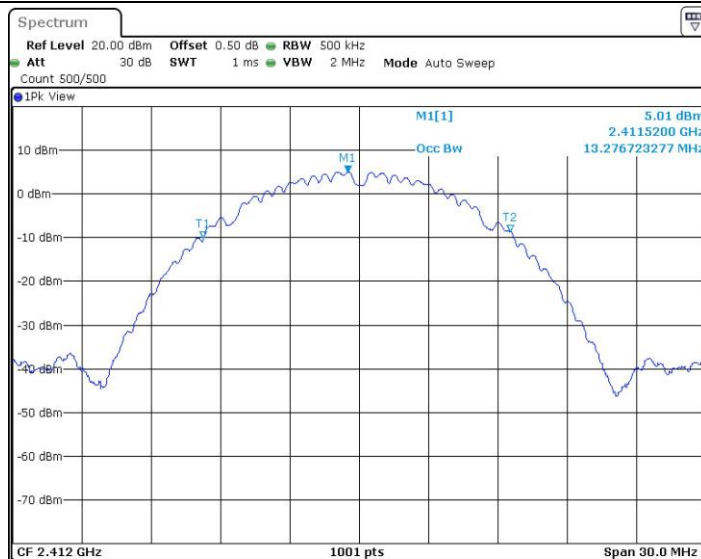
11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437



11N40SISO\_Ant1\_2452



11b\_Ant1\_2412



11b\_Ant1\_2437



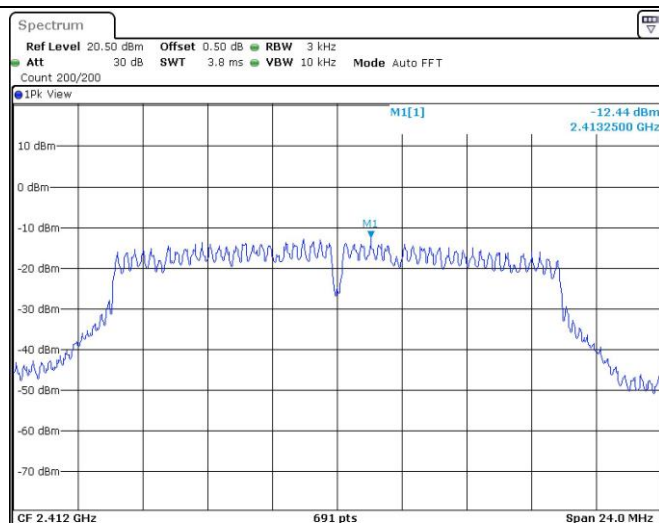
11b\_Ant1\_2462

## Appendix C: Maximum power spectral density

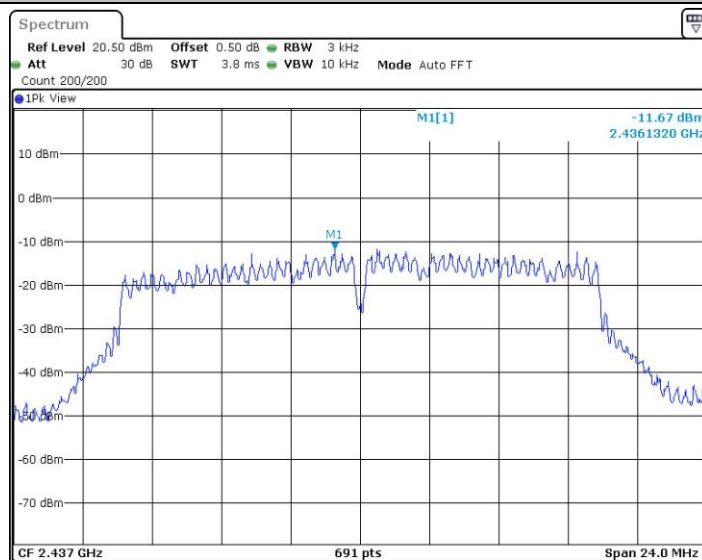
### Test Result

| TestMode  | Antenna | Channel | Result | Limit | Verdict |
|-----------|---------|---------|--------|-------|---------|
| 11g       | Ant1    | 2412    | -12.44 | <=8   | PASS    |
|           |         | 2437    | -11.67 | <=8   | PASS    |
|           |         | 2462    | -11.66 | <=8   | PASS    |
| 11N20SISO | Ant1    | 2412    | -13.4  | <=8   | PASS    |
|           |         | 2437    | -11.74 | <=8   | PASS    |
|           |         | 2462    | -12.28 | <=8   | PASS    |
| 11N40SISO | Ant1    | 2422    | -25.41 | <=8   | PASS    |
|           |         | 2437    | -24.41 | <=8   | PASS    |
|           |         | 2452    | -23.69 | <=8   | PASS    |
| 11b       | Ant1    | 2412    | -8.29  | <=8   | PASS    |
|           |         | 2437    | -5.95  | <=8   | PASS    |
|           |         | 2462    | -7.14  | <=8   | PASS    |

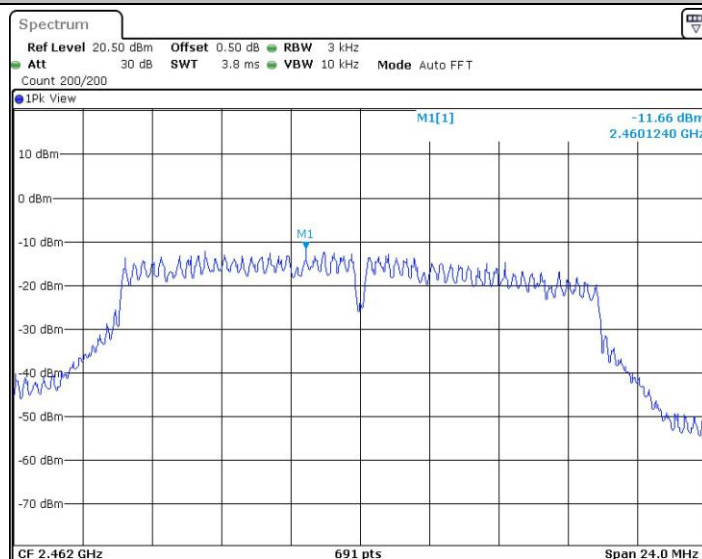
## Test Graphs



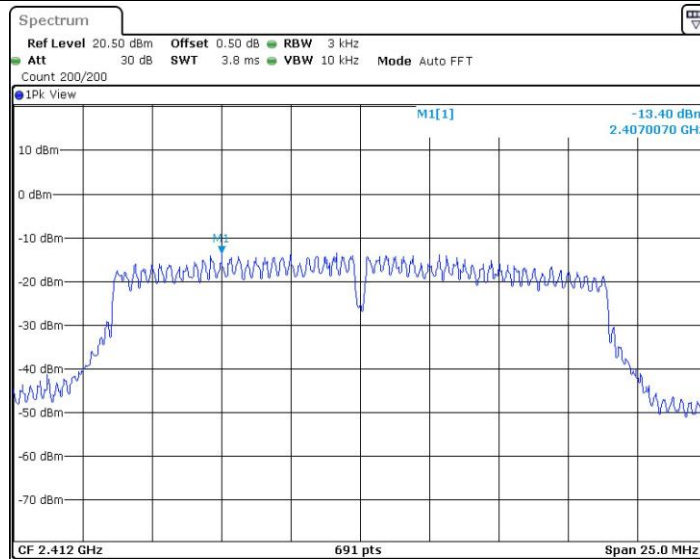
11g\_Ant1\_2412



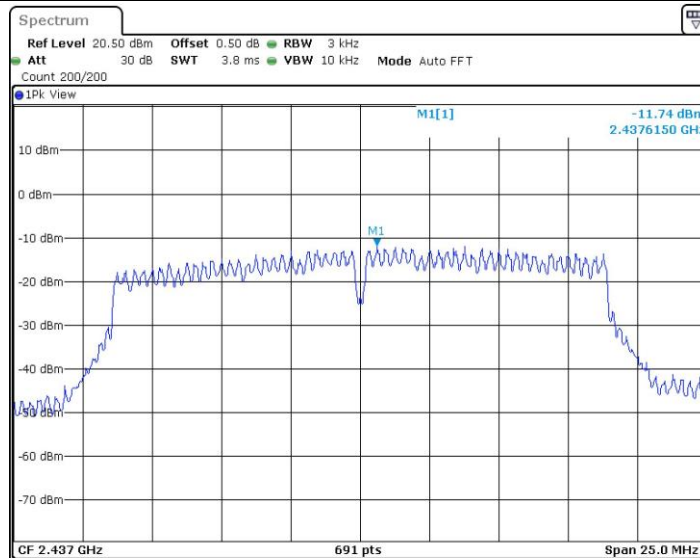
11g\_Ant1\_2437



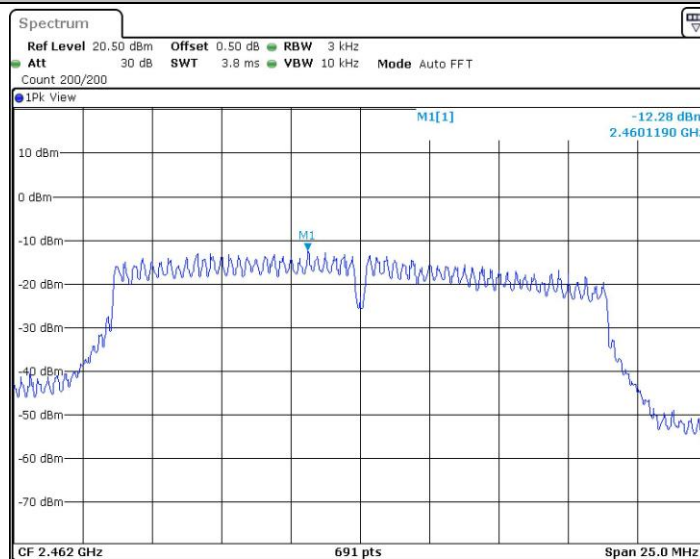
11g\_Ant1\_2462



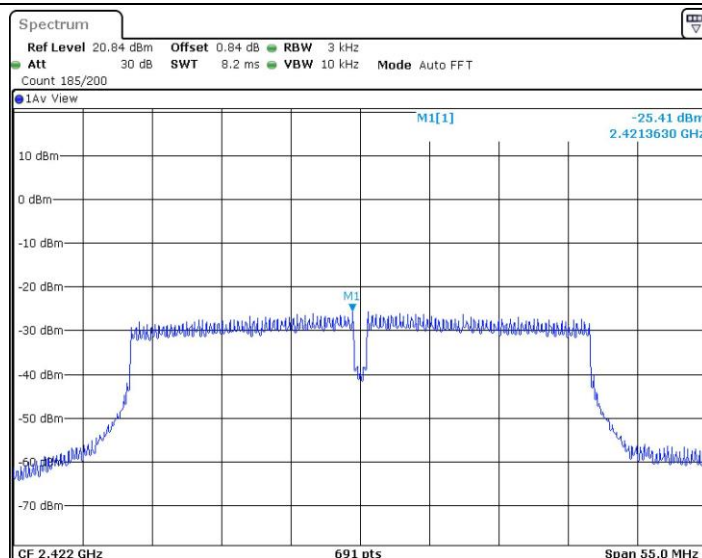
11N20SISO\_Ant1\_2412



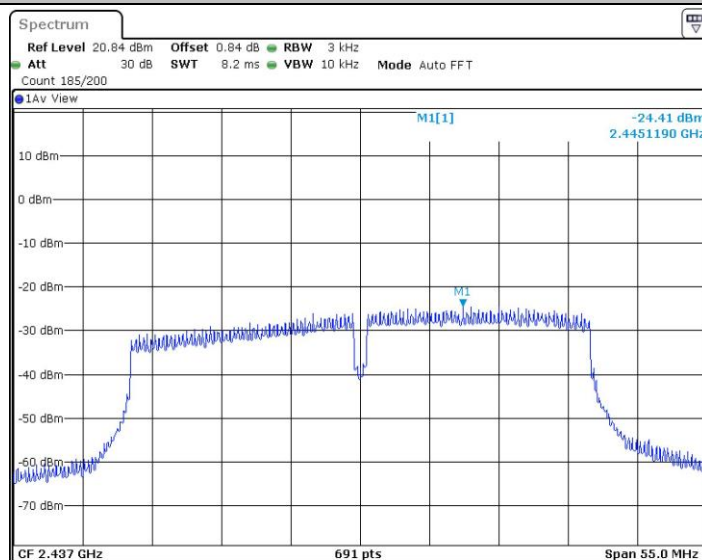
11N20SISO\_Ant1\_2437



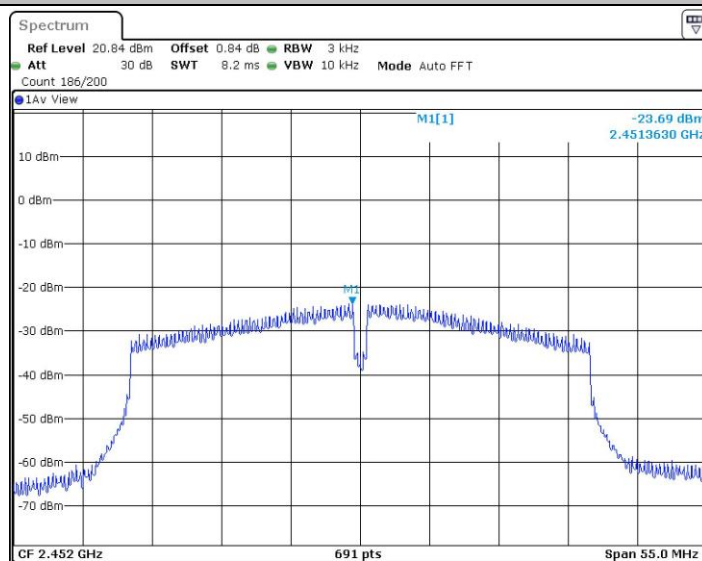
11N20SISO\_Ant1\_2462



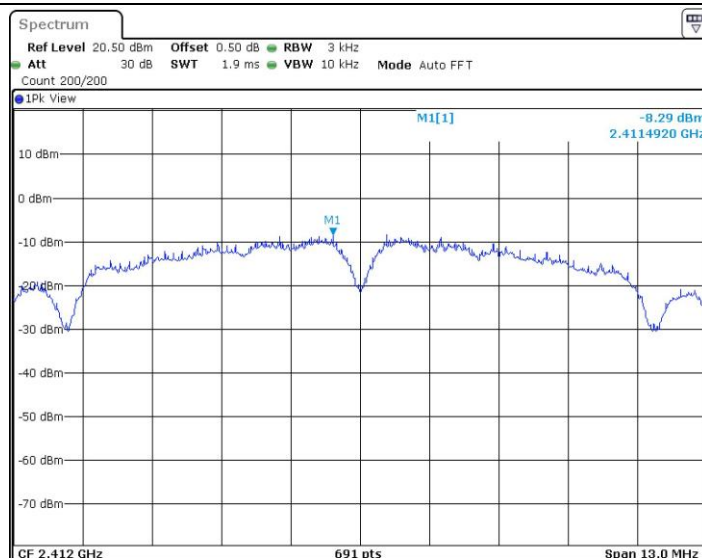
11N40SISO\_Ant1\_2422



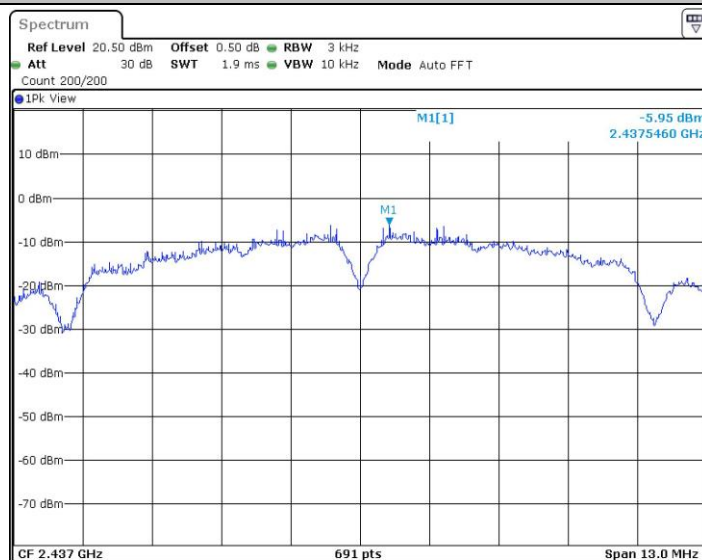
11N40SISO\_Ant1\_2437



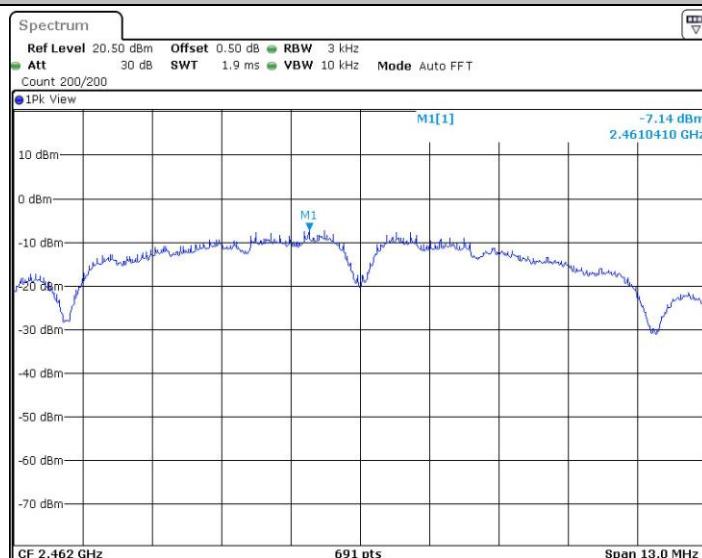
11N40SISO\_Ant1\_2452



11b\_Ant1\_2412



11b\_Ant1\_2437



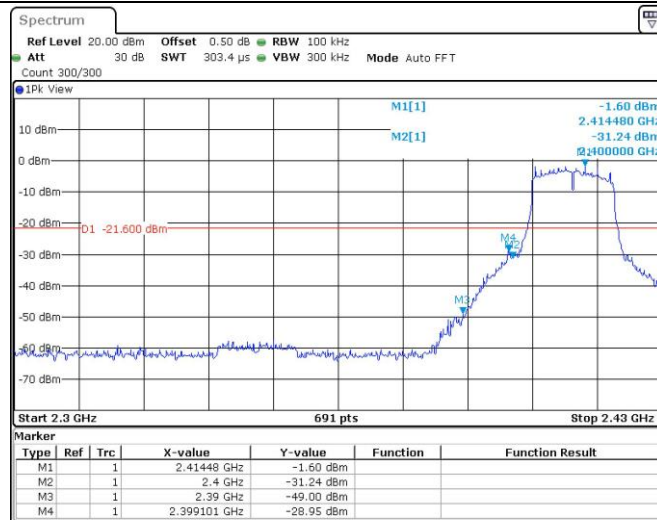
11b\_Ant1\_2462

## Appendix D: Band edge measurements

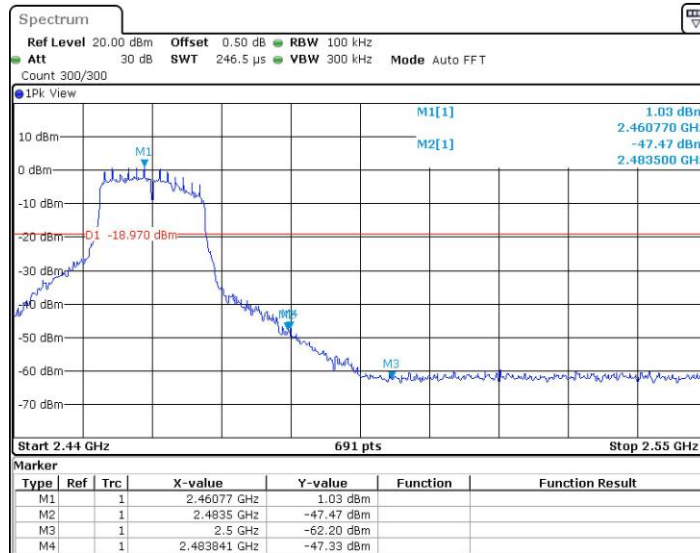
### Test Result

| TestMode  | Antenna | ChName | Channel | Result | Limit    | Verdict |
|-----------|---------|--------|---------|--------|----------|---------|
| 11g       | Ant1    | Low    | 2412    | -28.95 | <=-21.6  | PASS    |
|           |         | High   | 2462    | -47.33 | <=-18.97 | PASS    |
| 11N20SISO | Ant1    | Low    | 2412    | -29.61 | <=-20.42 | PASS    |
|           |         | High   | 2462    | -46.23 | <=-19.39 | PASS    |
| 11N40SISO | Ant1    | Low    | 2422    | -33.82 | <=-23.01 | PASS    |
|           |         | High   | 2452    | -39.24 | <=-21.74 | PASS    |
| 11b       | Ant1    | Low    | 2412    | -39.28 | <=-15.92 | PASS    |
|           |         | High   | 2462    | -54.37 | <=-15.1  | PASS    |

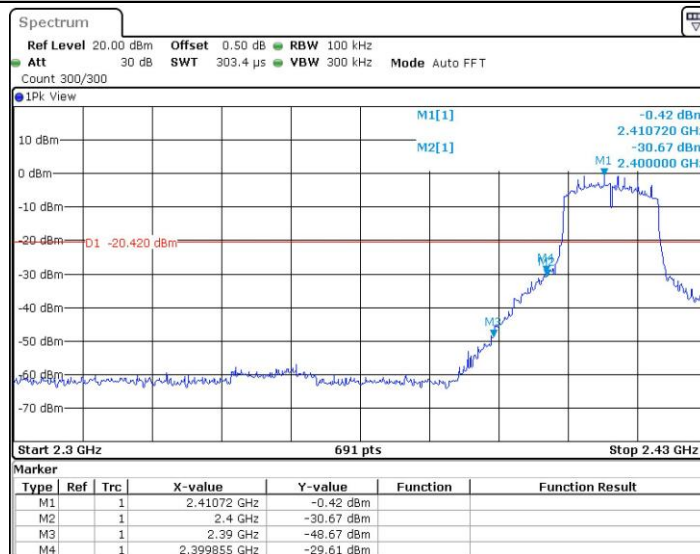
## Test Graphs



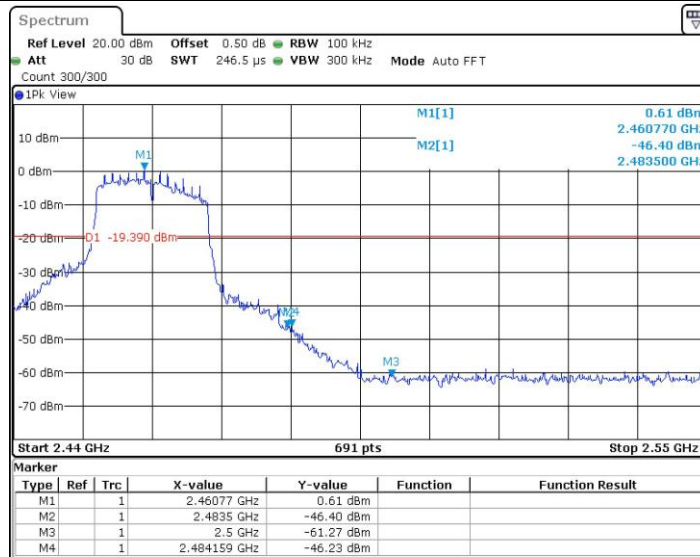
11g\_Ant1\_Low\_2412



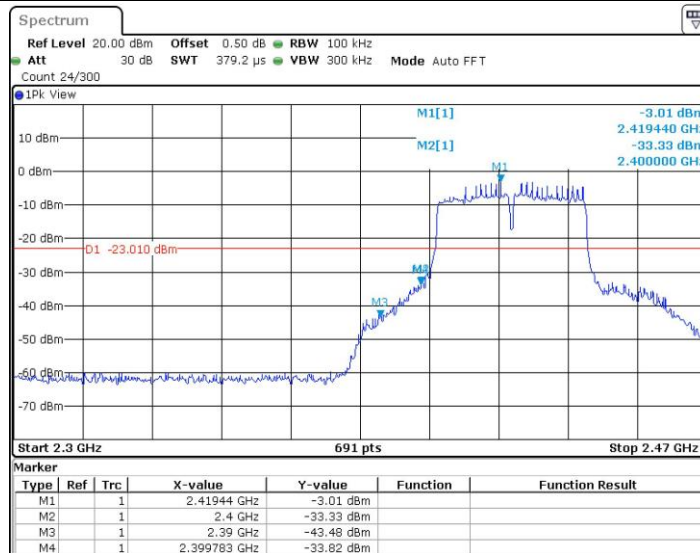
11g\_Ant1\_High\_2462



11N20SISO\_Ant1\_Low\_2412



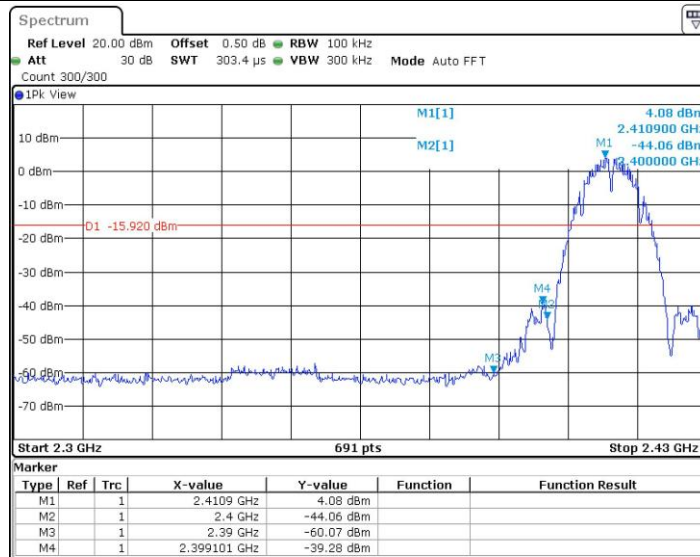
11N20SISO\_Ant1\_High\_2462



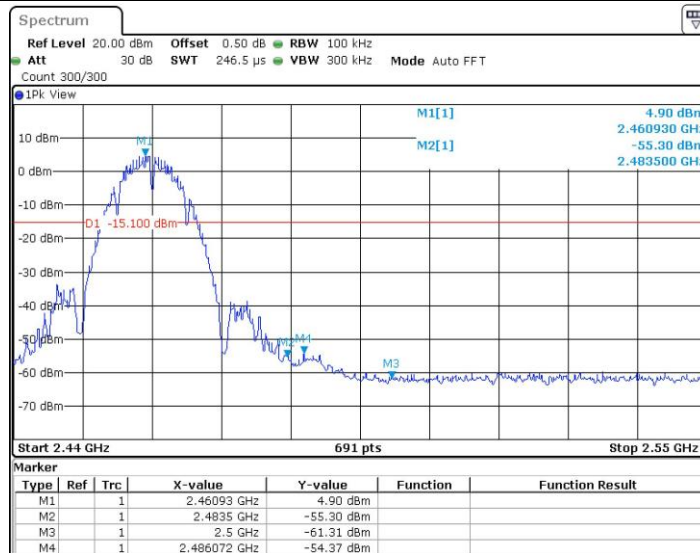
11N40SISO\_Ant1\_Low\_2422



11N40SISO\_Ant1\_High\_2452



11b\_Ant1\_Low\_2412



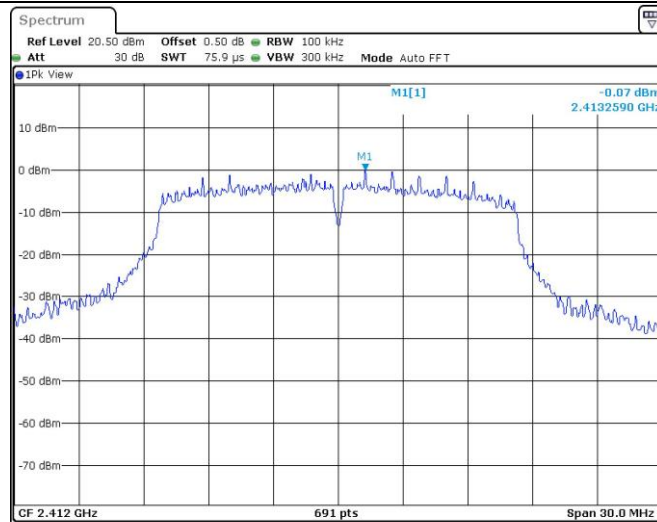
11b\_Ant1\_High\_2462

## Appendix F: Conducted Spurious Emission

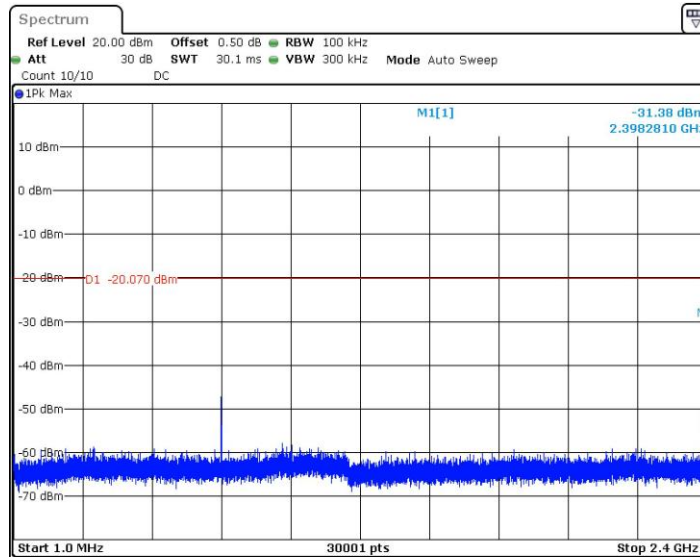
### Test Result

| TestMode  | Antenna | Channel | FreqRange    | Max. Fre | Max. Level | Limit    | Verdict |
|-----------|---------|---------|--------------|----------|------------|----------|---------|
| 11g       | Ant1    | 2412    | Reference    | -0.07    | -0.07      | ---      | PASS    |
|           |         |         | 1~2400       | -0.07    | -31.38     | <=-20.07 | PASS    |
|           |         |         | 2483.5~25000 | -0.07    | -53.98     | <=-20.07 | PASS    |
|           |         | 2437    | Reference    | 1.43     | 1.43       | ---      | PASS    |
|           |         |         | 1~2400       | 1.43     | -55.42     | <=-18.57 | PASS    |
|           |         |         | 2483.5~25000 | 1.43     | -53.42     | <=-18.57 | PASS    |
|           |         | 2462    | Reference    | 0.56     | 0.56       | ---      | PASS    |
|           |         |         | 1~2400       | 0.56     | -41.47     | <=-19.44 | PASS    |
|           |         |         | 2483.5~25000 | 0.56     | -49.31     | <=-19.44 | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference    | -0.07    | -0.07      | ---      | PASS    |
|           |         |         | 1~2400       | -0.07    | -29.61     | <=-20.07 | PASS    |
|           |         |         | 2483.5~25000 | -0.07    | -53.83     | <=-20.07 | PASS    |
|           |         | 2437    | Reference    | 1.27     | 1.27       | ---      | PASS    |
|           |         |         | 1~2400       | 1.27     | -48.52     | <=-18.73 | PASS    |
|           |         |         | 2483.5~25000 | 1.27     | -54.2      | <=-18.73 | PASS    |
|           |         | 2462    | Reference    | -0.02    | -0.02      | ---      | PASS    |
|           |         |         | 1~2400       | -0.02    | -44.34     | <=-20.02 | PASS    |
|           |         |         | 2483.5~25000 | -0.02    | -46.89     | <=-20.02 | PASS    |
| 11N40SISO | Ant1    | 2422    | Reference    | -3.05    | -3.05      | ---      | PASS    |
|           |         |         | 1~2400       | -3.05    | -35.28     | <=-23.05 | PASS    |
|           |         |         | 2483.5~25000 | -3.05    | -53.65     | <=-23.05 | PASS    |
|           |         | 2437    | Reference    | -2.07    | -2.07      | ---      | PASS    |
|           |         |         | 1~2400       | -2.07    | -41.05     | <=-22.07 | PASS    |
|           |         |         | 2483.5~25000 | -2.07    | -47.61     | <=-22.07 | PASS    |
|           |         | 2452    | Reference    | -0.89    | -0.89      | ---      | PASS    |
|           |         |         | 1~2400       | -0.89    | -55.59     | <=-20.89 | PASS    |
|           |         |         | 2483.5~25000 | -0.89    | -36.51     | <=-20.89 | PASS    |
| 11b       | Ant1    | 2412    | Reference    | 3.96     | 3.96       | ---      | PASS    |
|           |         |         | 1~2400       | 3.96     | -41.19     | <=-16.04 | PASS    |
|           |         |         | 2483.5~25000 | 3.96     | -47.45     | <=-16.04 | PASS    |
|           |         | 2437    | Reference    | 5.62     | 5.62       | ---      | PASS    |
|           |         |         | 1~2400       | 5.62     | -44.79     | <=-14.38 | PASS    |
|           |         |         | 2483.5~25000 | 5.62     | -48.53     | <=-14.38 | PASS    |
|           |         | 2462    | Reference    | 5.18     | 5.18       | ---      | PASS    |
|           |         |         | 1~2400       | 5.18     | -44.81     | <=-14.82 | PASS    |
|           |         |         | 2483.5~25000 | 5.18     | -50.49     | <=-14.82 | PASS    |

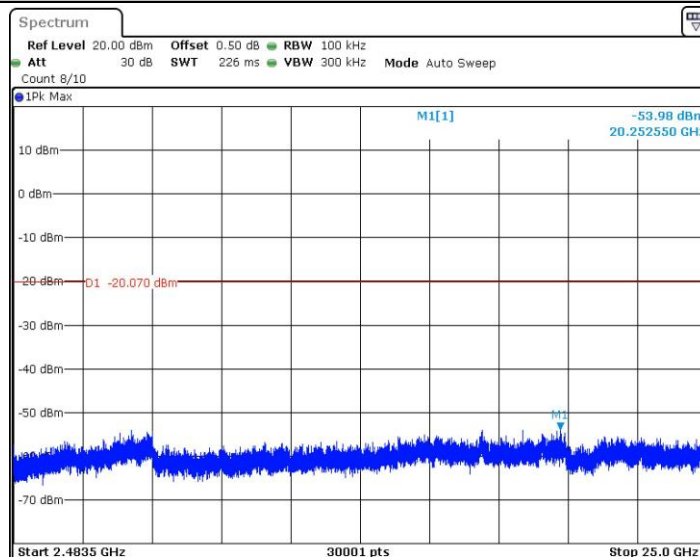
## Test Graphs



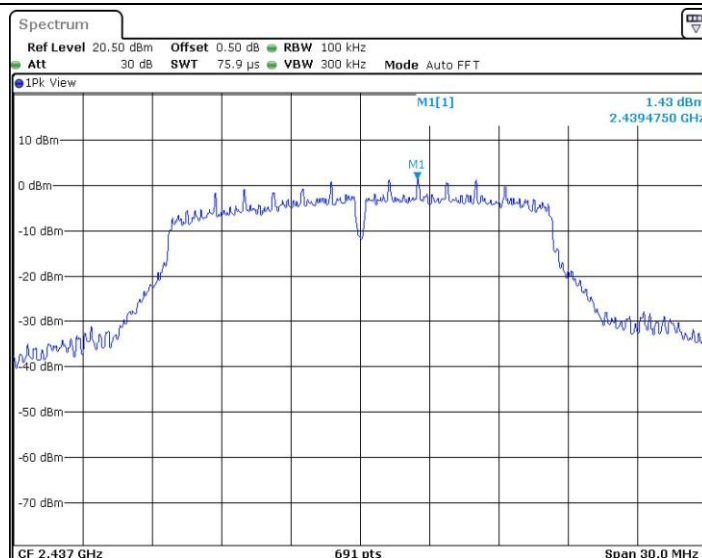
11g\_Ant1\_2412\_0~Reference



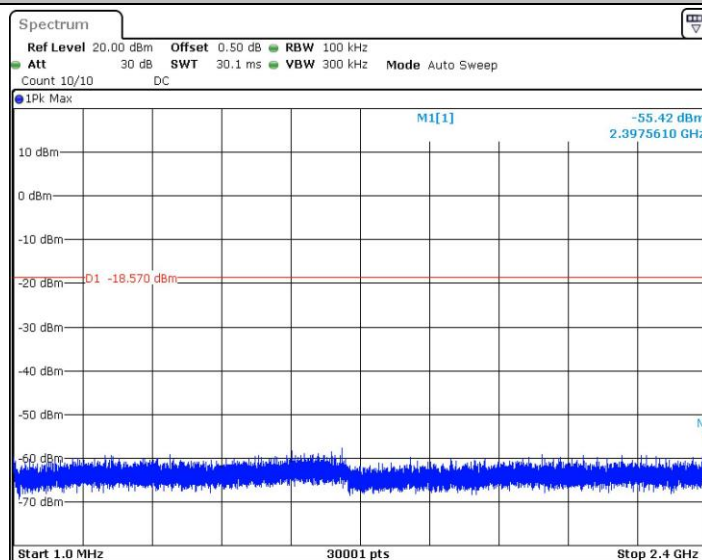
11g\_Ant1\_2412\_1~2400



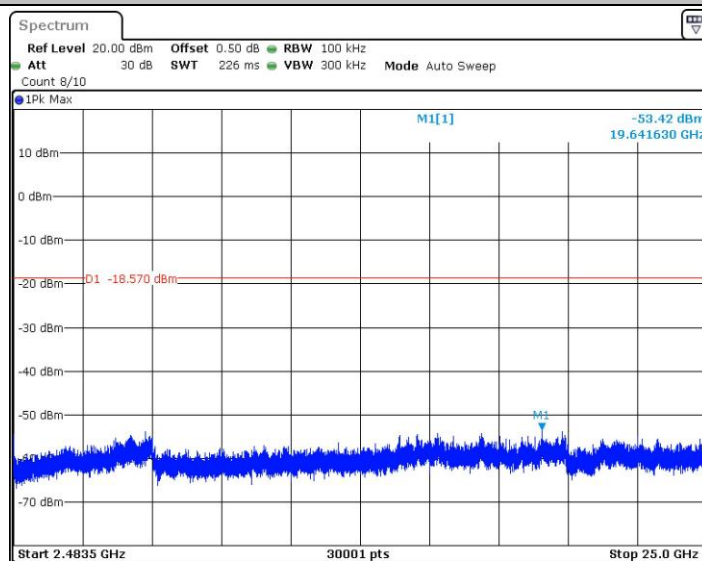
11g\_Ant1\_2412\_2483.5~25000



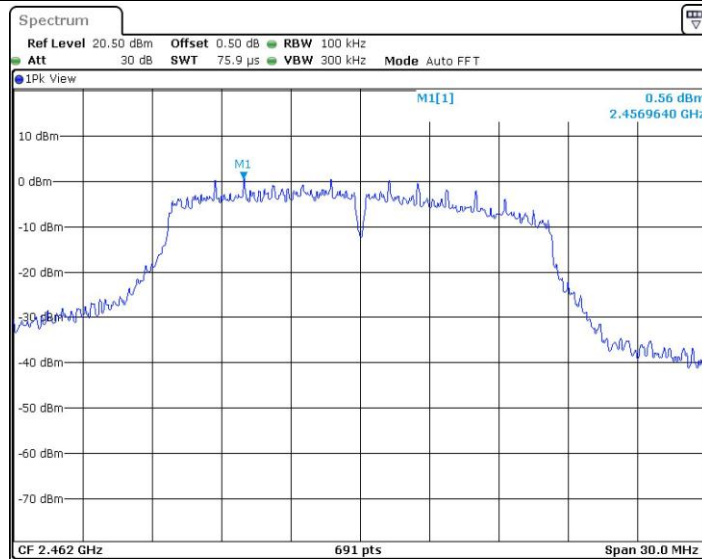
11g\_Ant1\_2437\_0~Reference



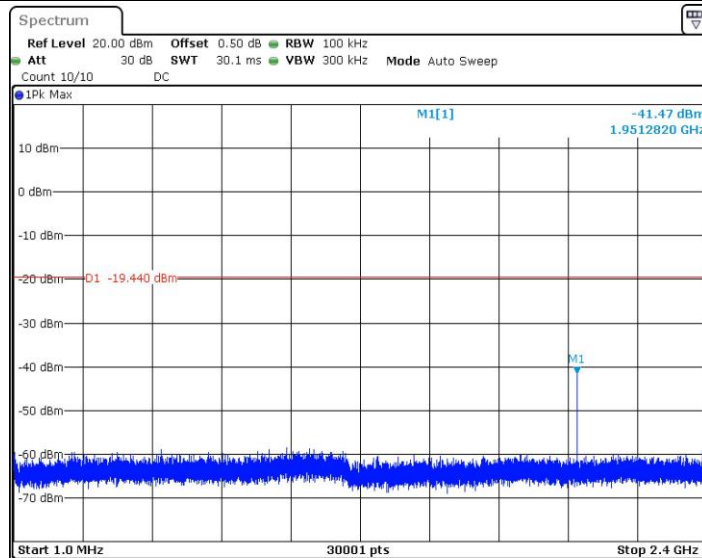
11g\_Ant1\_2437\_1~2400



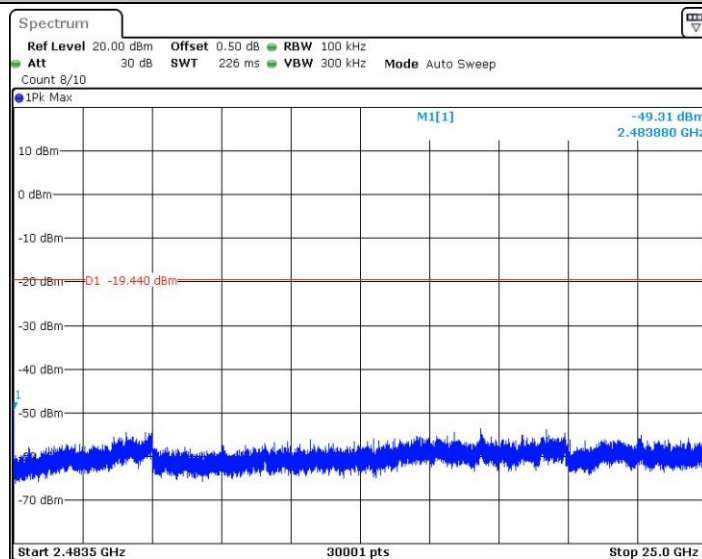
11g\_Ant1\_2437\_2483.5~25000



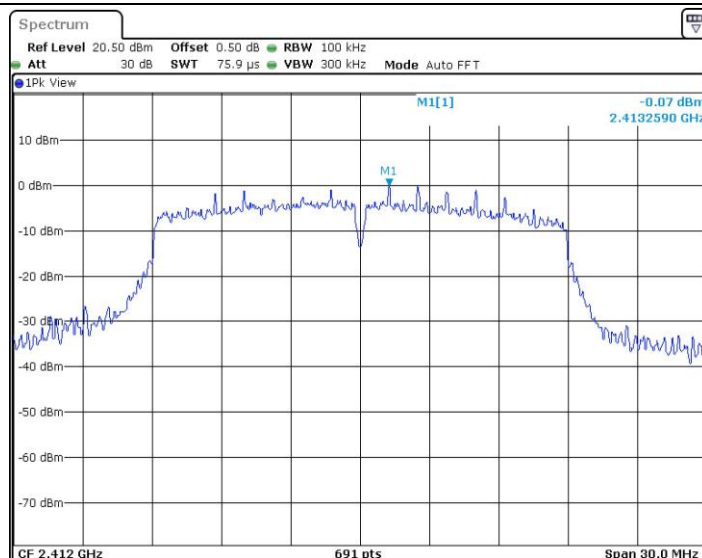
11g\_Ant1\_2462\_0~Reference



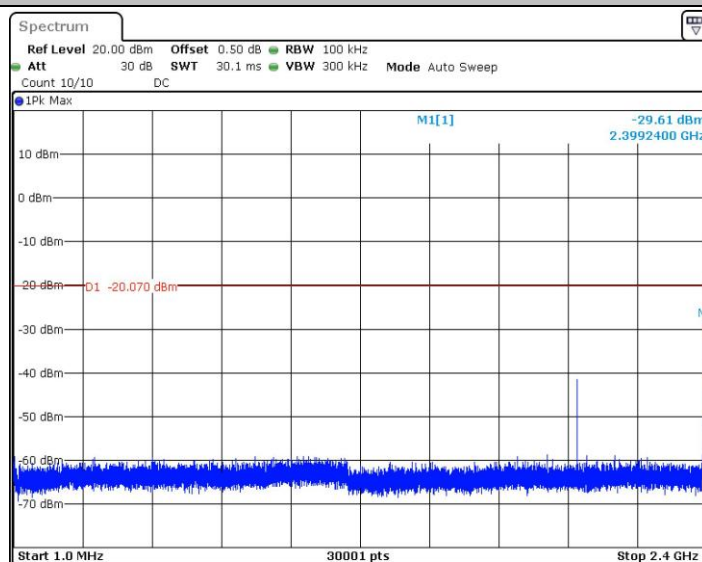
11g\_Ant1\_2462\_1~2400



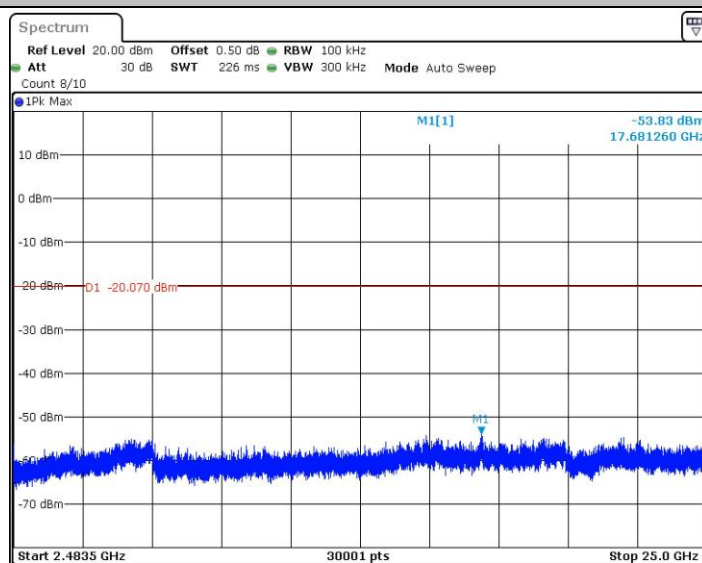
11g\_Ant1\_2462\_2483.5~25000



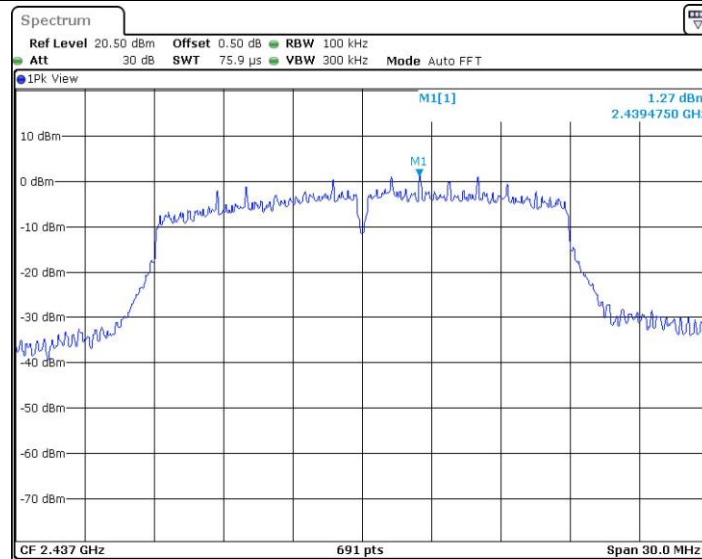
11N20SISO\_Ant1\_2412\_0~Reference



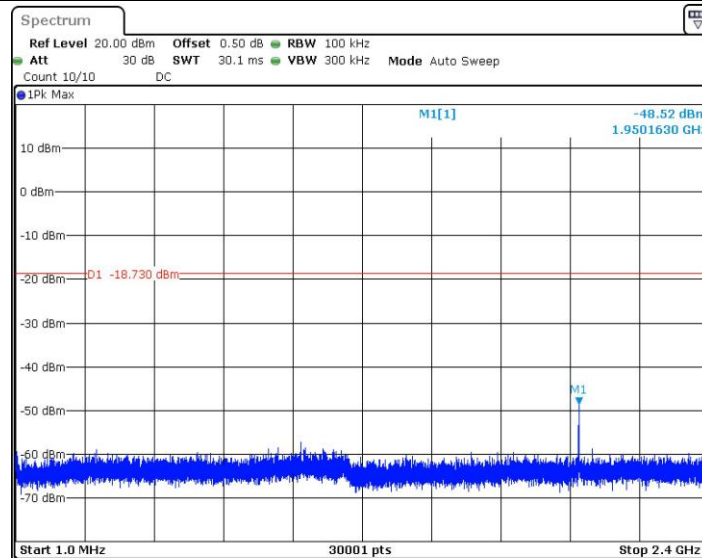
11N20SISO\_Ant1\_2412\_1~2400



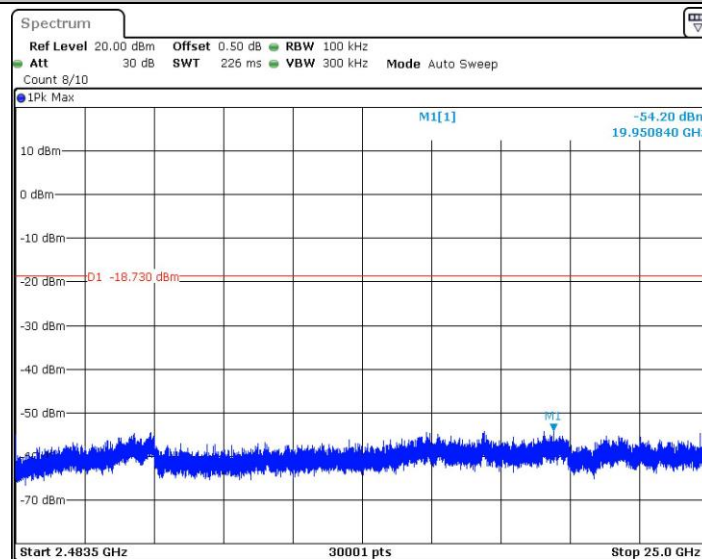
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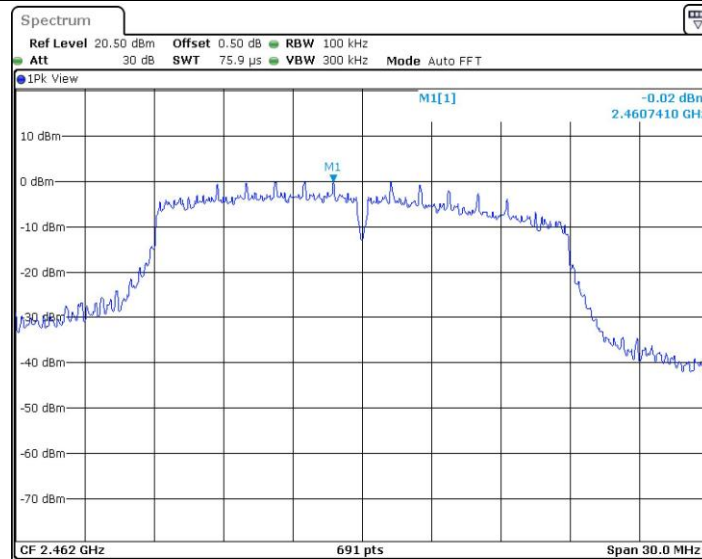
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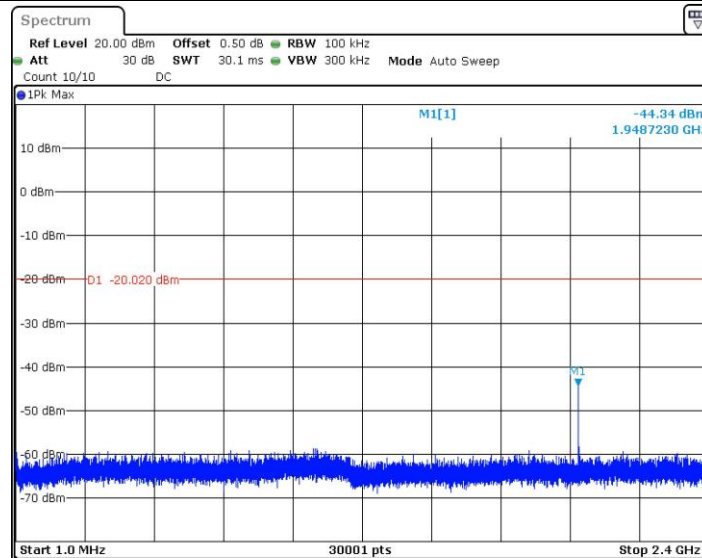
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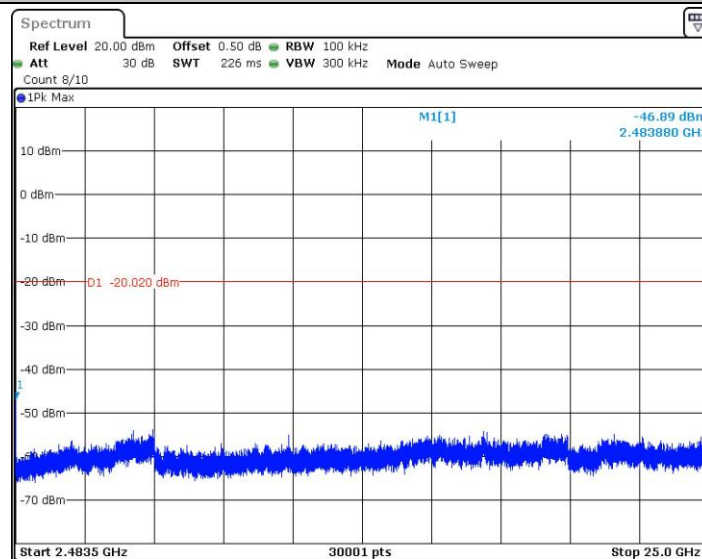
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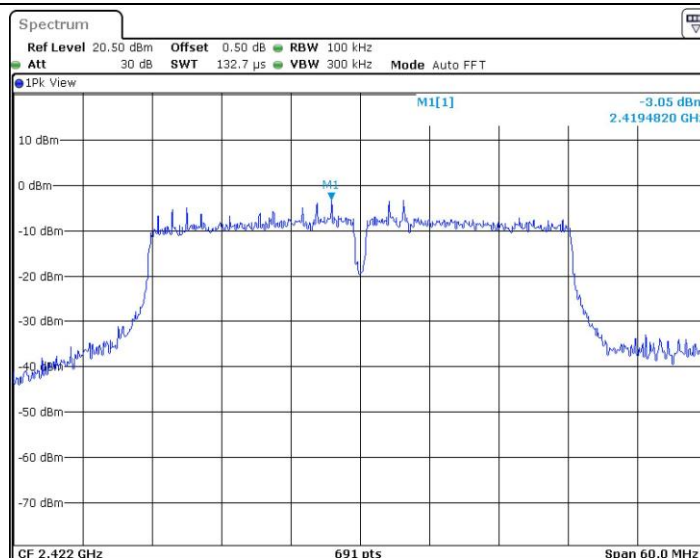
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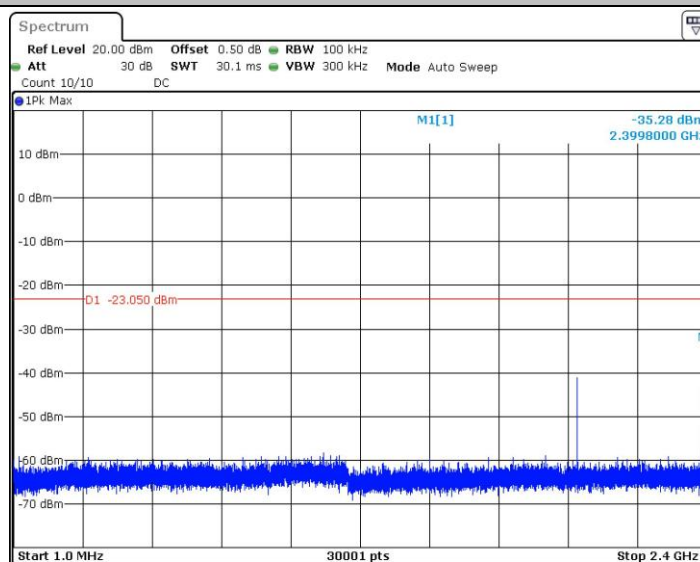
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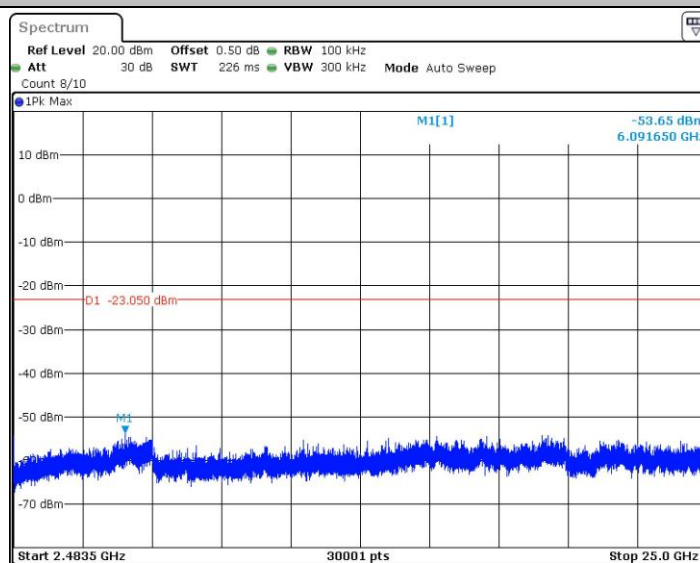
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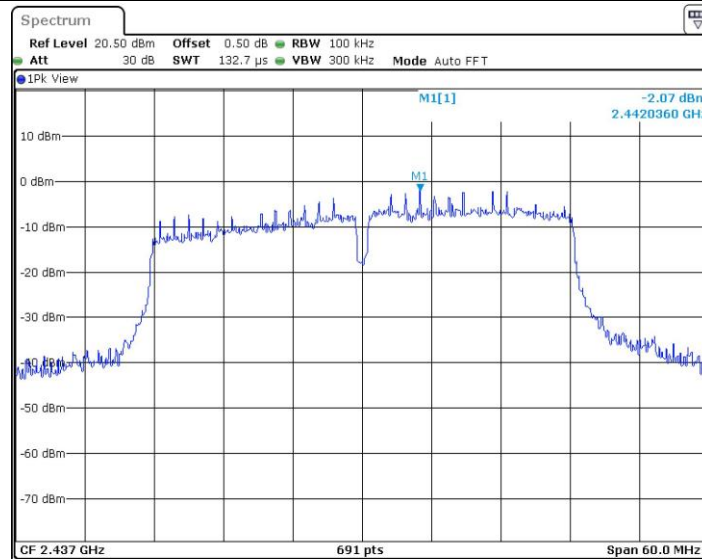
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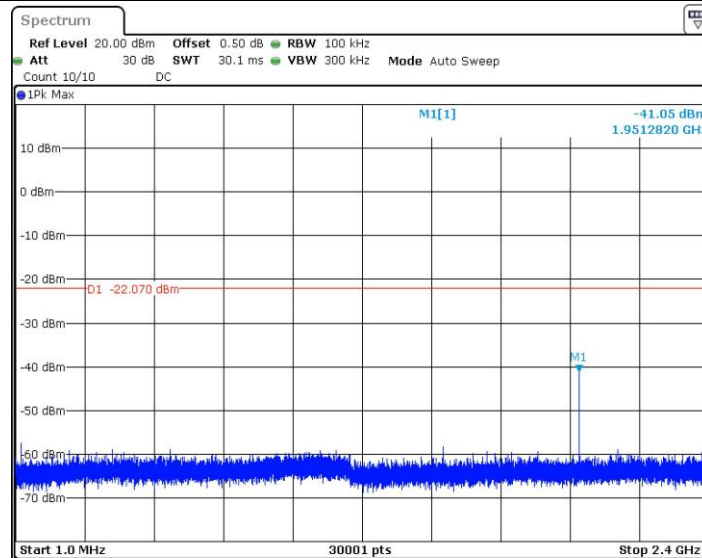
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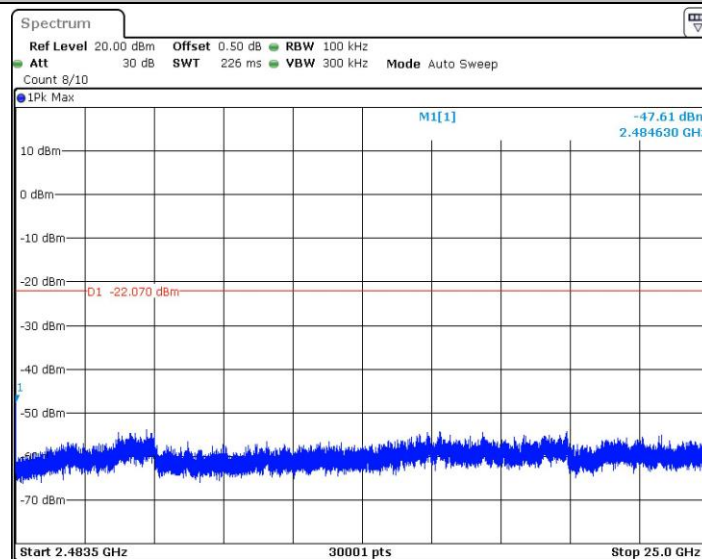
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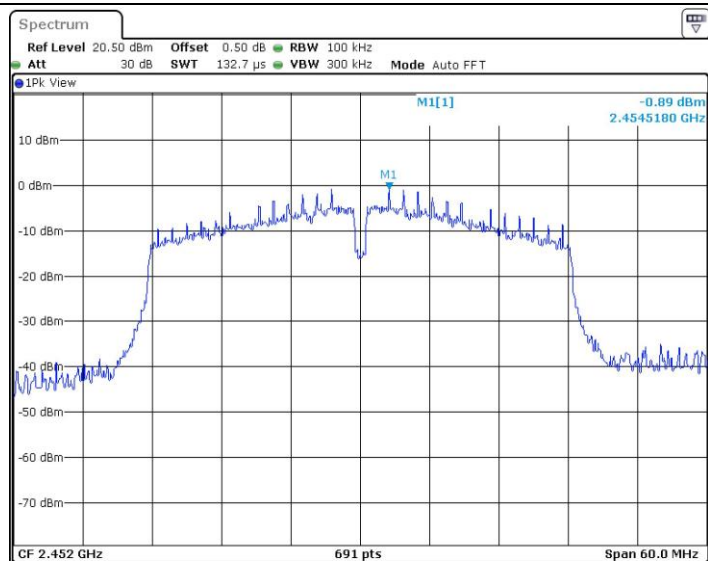
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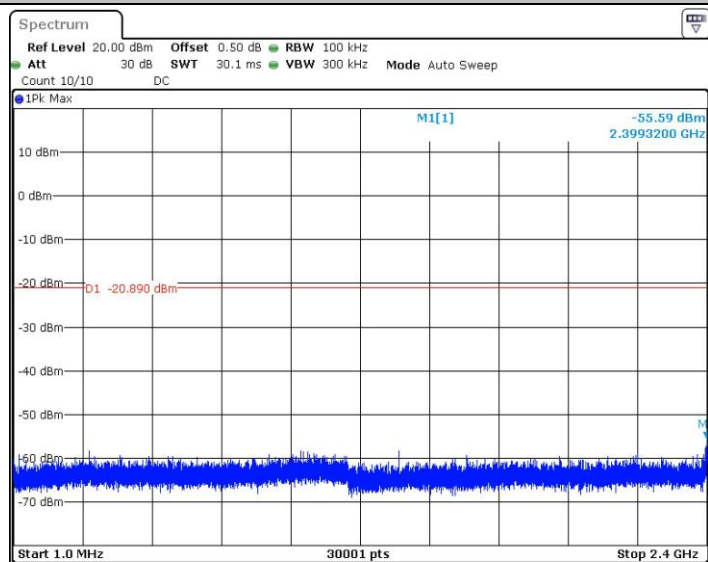
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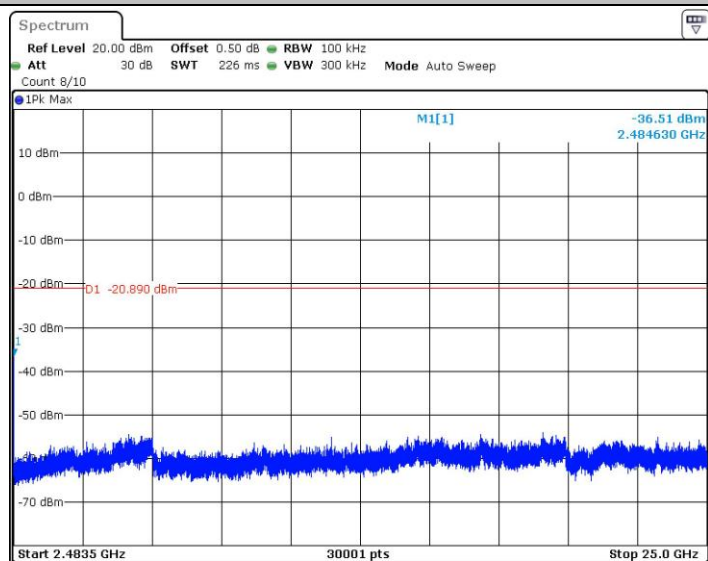
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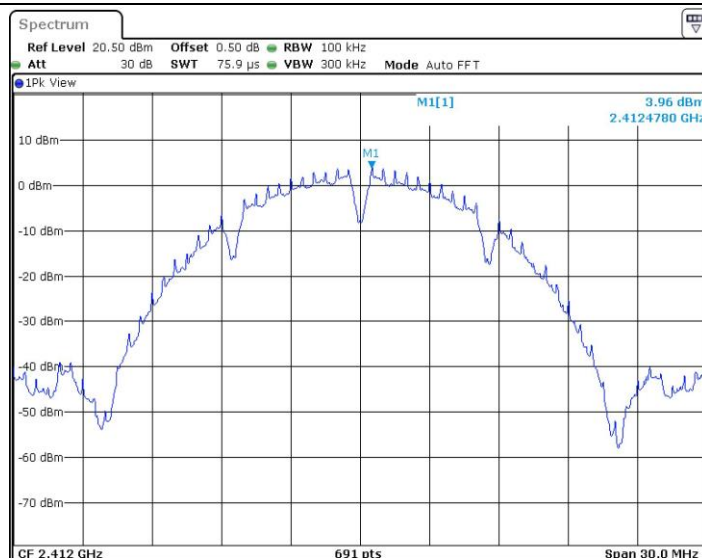
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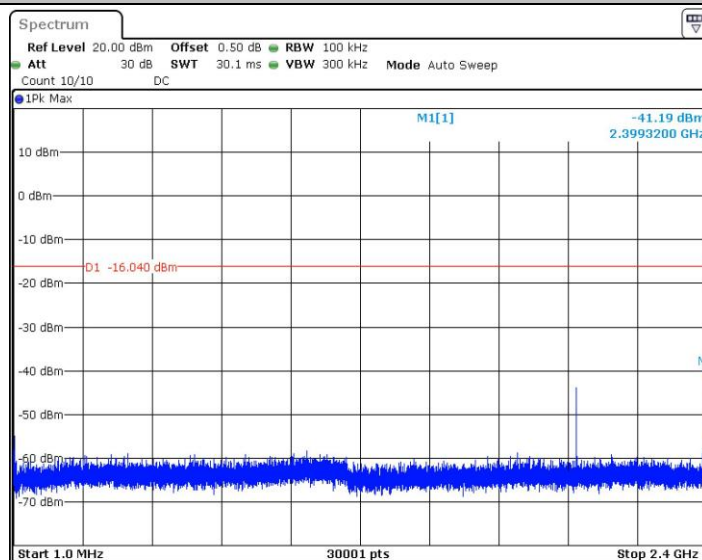
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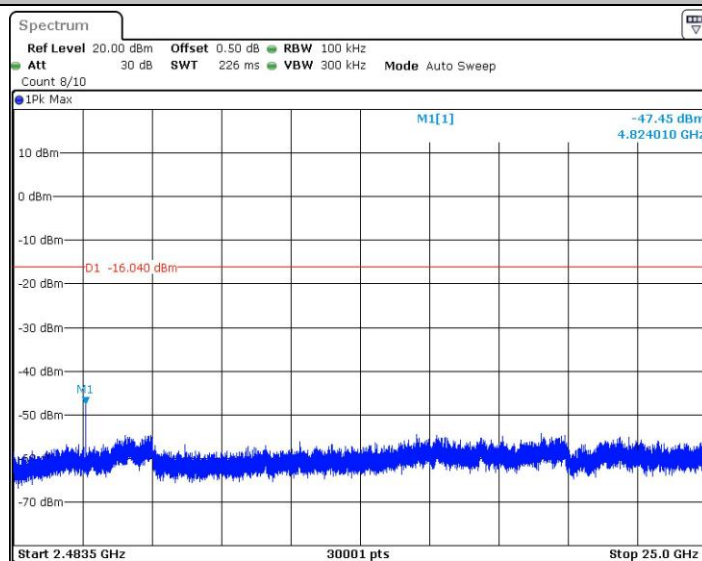
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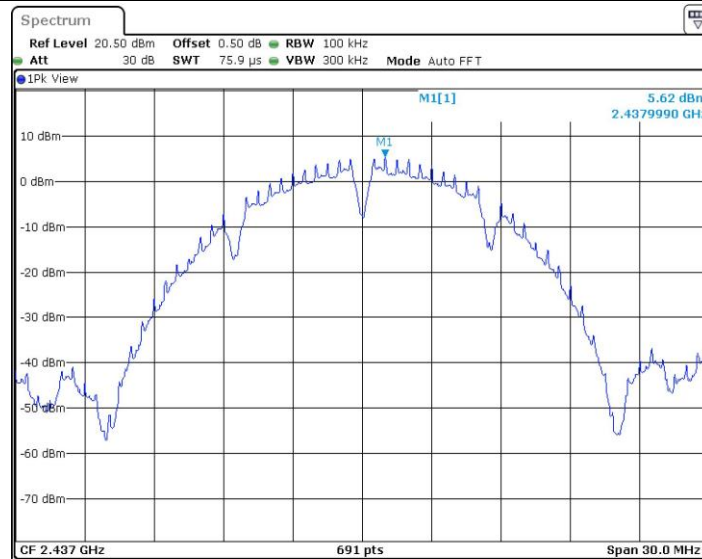
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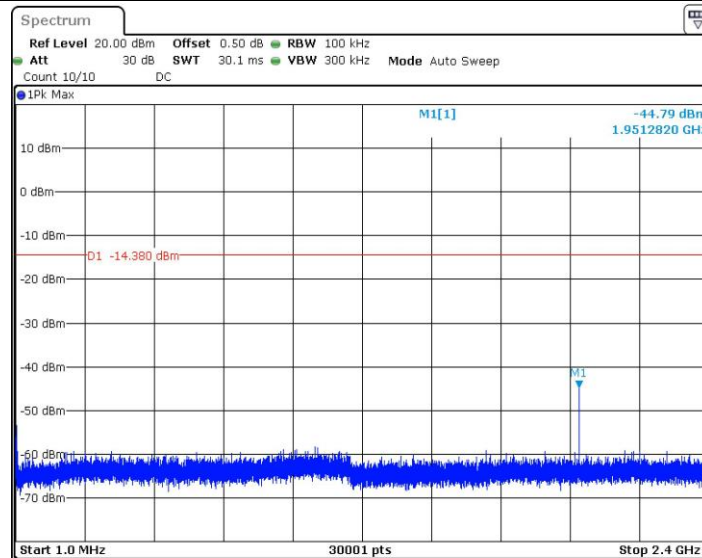
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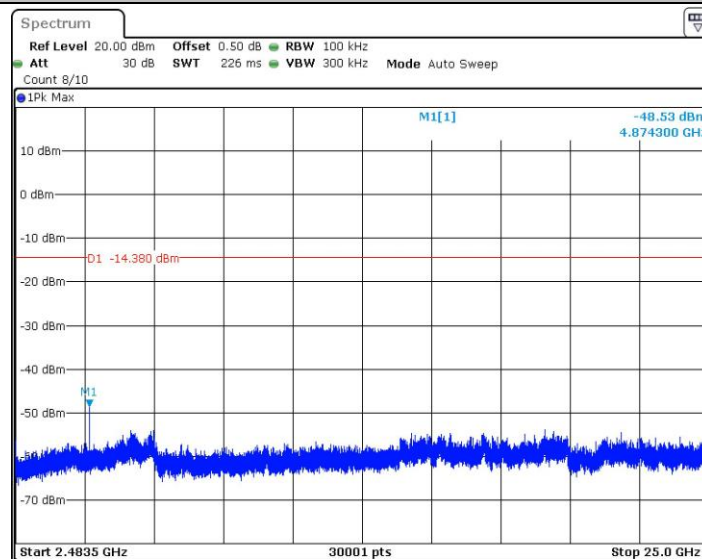
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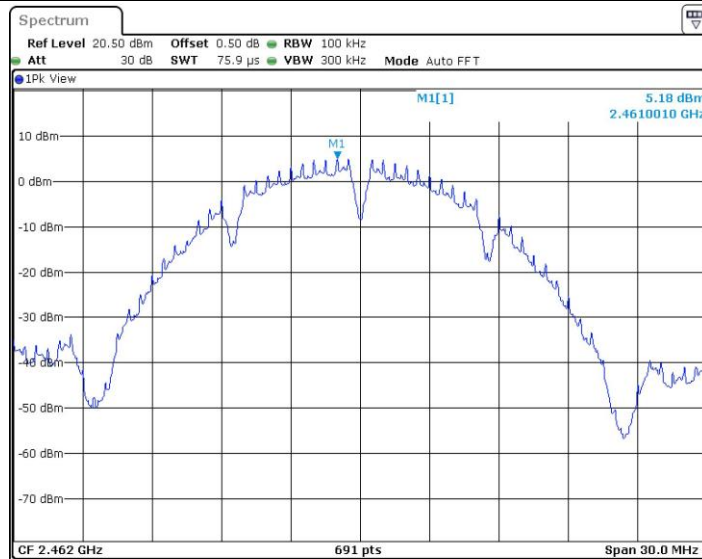
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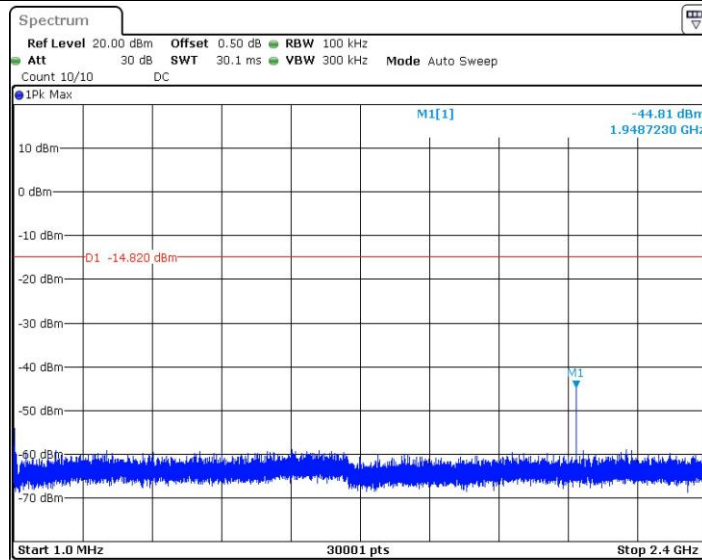
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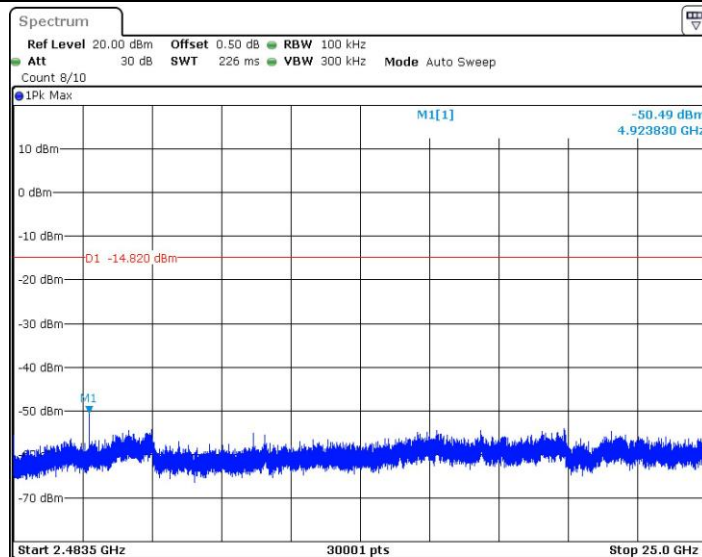
11b\_Ant1\_2437\_2483.5~25000



11b\_Ant1\_2462\_0~Reference



11b\_Ant1\_2462\_1~2400



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