

## Appendix D.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Freq (MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant1    | 5180       | 9.62                | 98.39          | 0.07            | 9.69         | ≤23.98      | PASS    |
|            |         | 5200       | 9.61                | 98.39          | 0.07            | 9.68         | ≤23.98      | PASS    |
|            |         | 5240       | 10.04               | 98.39          | 0.07            | 10.11        | ≤23.98      | PASS    |
| 11N20SISO  | Ant1    | 5180       | 9.89                | 98.35          | 0.07            | 9.96         | ≤23.98      | PASS    |
|            |         | 5200       | 9.89                | 98.35          | 0.07            | 9.96         | ≤23.98      | PASS    |
|            |         | 5240       | 10.11               | 98.35          | 0.07            | 10.18        | ≤23.98      | PASS    |
| 11N40SISO  | Ant1    | 5190       | 10.00               | 98.09          | 0.08            | 10.08        | ≤23.98      | PASS    |
|            |         | 5230       | 9.92                | 98.29          | 0.07            | 9.99         | ≤23.98      | PASS    |
| 11AC20SISO | Ant1    | 5180       | 10.02               | 98.35          | 0.07            | 10.09        | ≤23.98      | PASS    |
|            |         | 5200       | 10.17               | 98.35          | 0.07            | 10.24        | ≤23.98      | PASS    |
|            |         | 5240       | 10.12               | 98.35          | 0.07            | 10.19        | ≤23.98      | PASS    |
| 11AC40SISO | Ant1    | 5190       | 10.12               | 98.29          | 0.07            | 10.19        | ≤23.98      | PASS    |
|            |         | 5230       | 9.90                | 98.29          | 0.07            | 9.97         | ≤23.98      | PASS    |
| 11AC80SISO | Ant1    | 5210       | 9.35                | 98.14          | 0.08            | 9.43         | ≤23.98      | PASS    |
| 11AX20SISO | Ant1    | 5180       | 10.39               | 98.10          | 0.08            | 10.47        | ≤23.98      | PASS    |
|            |         | 5200       | 9.75                | 98.10          | 0.08            | 9.83         | ≤23.98      | PASS    |
|            |         | 5240       | 10.05               | 98.10          | 0.08            | 10.13        | ≤23.98      | PASS    |
| 11AX40SISO | Ant1    | 5190       | 9.78                | 98.31          | 0.07            | 9.85         | ≤23.98      | PASS    |
|            |         | 5230       | 9.68                | 98.09          | 0.08            | 9.76         | ≤23.98      | PASS    |
| 11AX80SISO | Ant1    | 5210       | 9.25                | 98.00          | 0.09            | 9.34         | ≤23.98      | PASS    |

## Appendix D.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5180      | -1.96            | ≤11.00         | PASS    |
|            |         | 5200      | -2.06            | ≤11.00         | PASS    |
|            |         | 5240      | -1.49            | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5180      | -1.82            | ≤11.00         | PASS    |
|            |         | 5200      | -1.77            | ≤11.00         | PASS    |
|            |         | 5240      | -1.61            | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5190      | -3.95            | ≤11.00         | PASS    |
|            |         | 5230      | -4.38            | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5180      | -1.73            | ≤11.00         | PASS    |
|            |         | 5200      | -1.57            | ≤11.00         | PASS    |
|            |         | 5240      | -1.62            | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5190      | -3.94            | ≤11.00         | PASS    |
|            |         | 5230      | -4.32            | ≤11.00         | PASS    |
| 11AC80SISO | Ant1    | 5210      | -7.19            | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5180      | -1.83            | ≤11.00         | PASS    |
|            |         | 5200      | -2.17            | ≤11.00         | PASS    |
|            |         | 5240      | -1.93            | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5190      | -4.54            | ≤11.00         | PASS    |
|            |         | 5230      | -4.97            | ≤11.00         | PASS    |
| 11AX80SISO | Ant1    | 5210      | -8.45            | ≤11.00         | PASS    |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

## Test Graphs

11A\_Ant1\_5180



11A\_Ant1\_5200



11A\_Ant1\_5240



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



11N20SISO\_Ant1\_5240



11N40SISO\_Ant1\_5190



11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



11AC40SISO\_Ant1\_5190



11AC40SISO\_Ant1\_5230



11AC80SISO\_Ant1\_5210



11AX20SISO\_Ant1\_5180



## 11AX20SISO\_Ant1\_5200



## 11AX20SISO\_Ant1\_5240



## 11AX40SISO\_Ant1\_5190



11AX40SISO\_Ant1\_5230



11AX80SISO\_Ant1\_5210

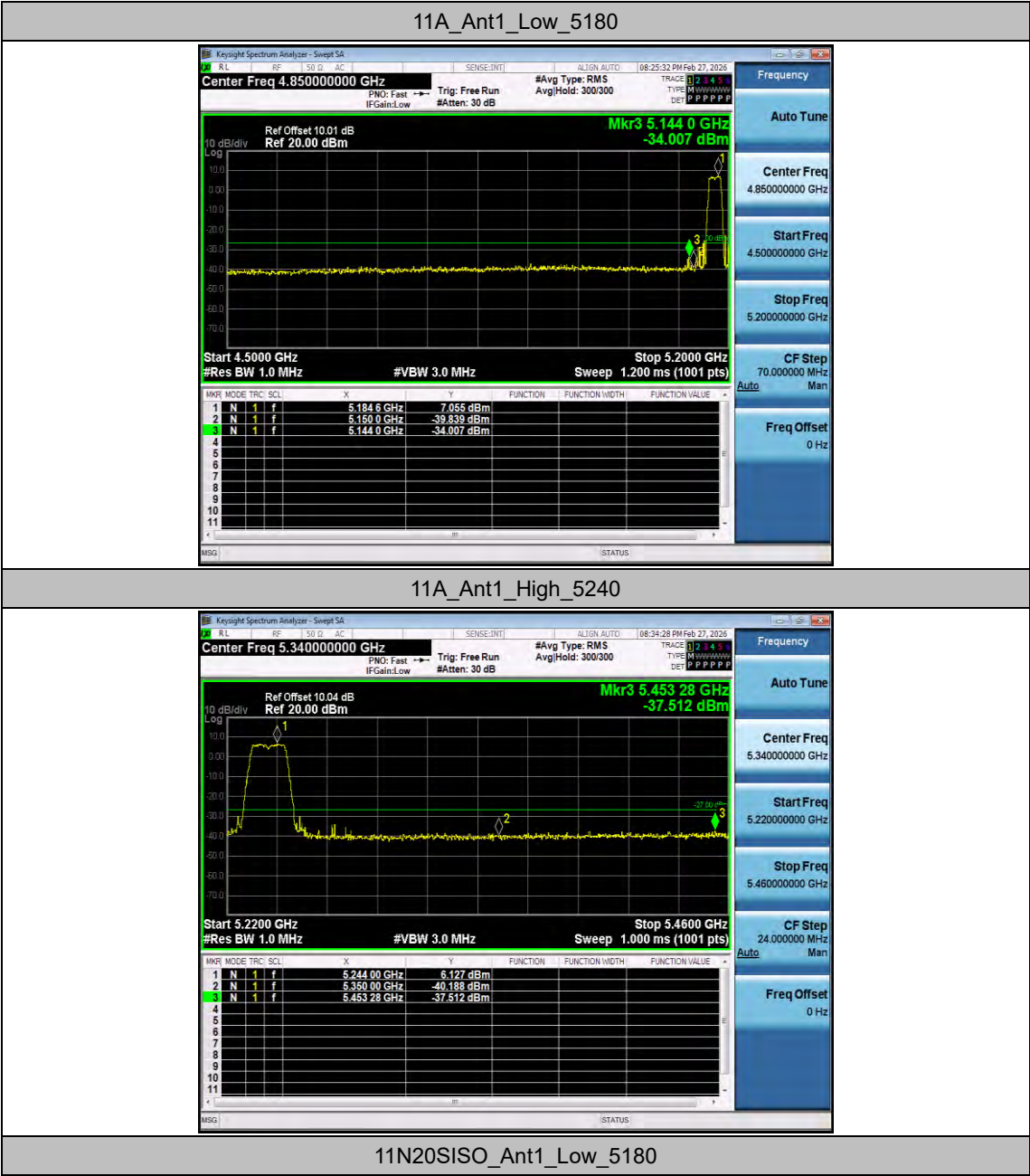


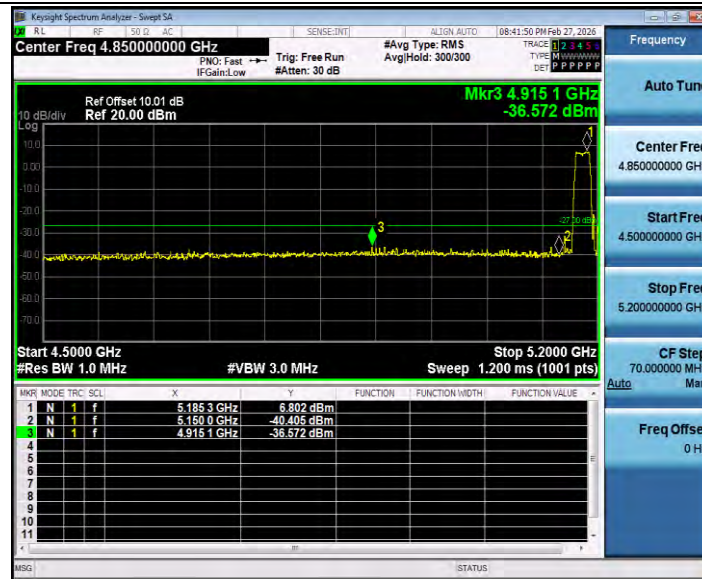
## Appendix D.6:Band edge measurements

### Test Result B1

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5180      | -34.01      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.51      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 5180      | -36.57      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -36.9       | $\leq -27$ | PASS    |
| 11N40SISO  | Ant1    | Low    | 5190      | -36.27      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -36.92      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant1    | Low    | 5180      | -35.58      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.57      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant1    | Low    | 5190      | -36.92      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.17      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant1    | Low    | 5210      | -36.03      | $\leq -27$ | PASS    |
|            |         | High   | 5210      | -37.36      | $\leq -27$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 5180      | -36.74      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -36.73      | $\leq -27$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 5190      | -37.21      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.39      | $\leq -27$ | PASS    |
| 11AX80SISO | Ant1    | Low    | 5210      | -36.43      | $\leq -27$ | PASS    |
|            |         | High   | 5210      | -38         | $\leq -27$ | PASS    |

Test GraphsB1

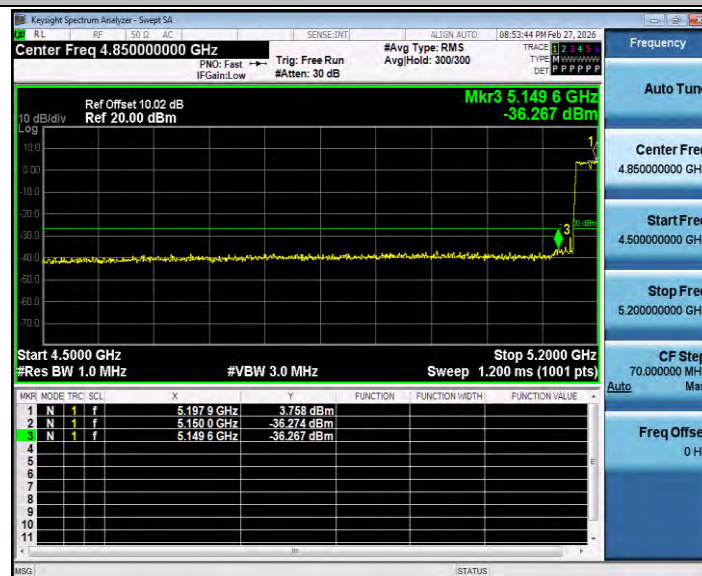




11N20SISO\_Ant1\_High\_5240



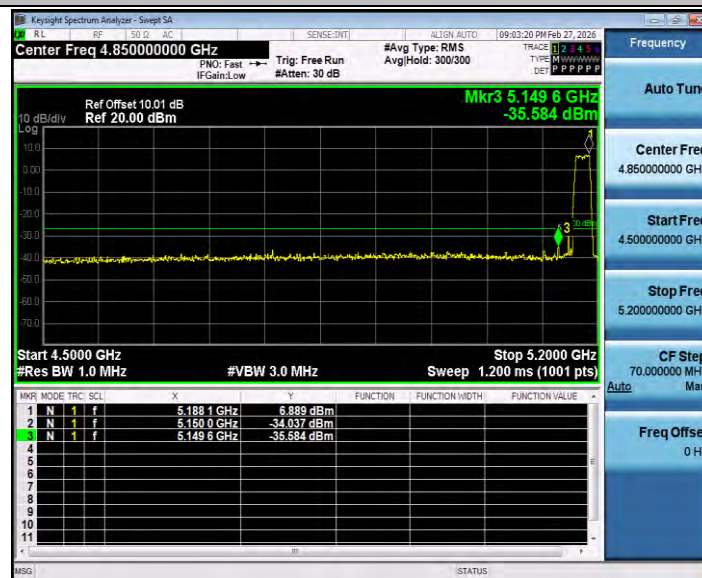
11N40SISO\_Ant1\_Low\_5190



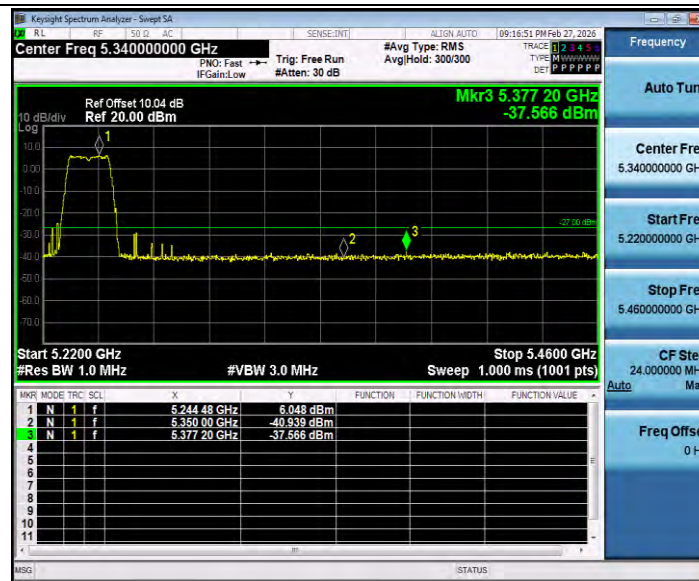
## 11N40SISO\_Ant1\_High\_5230



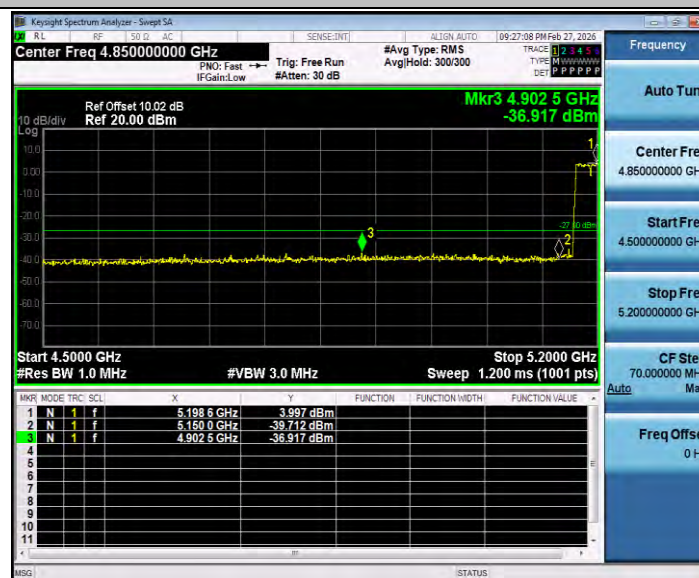
## 11AC20SISO\_Ant1\_Low\_5180



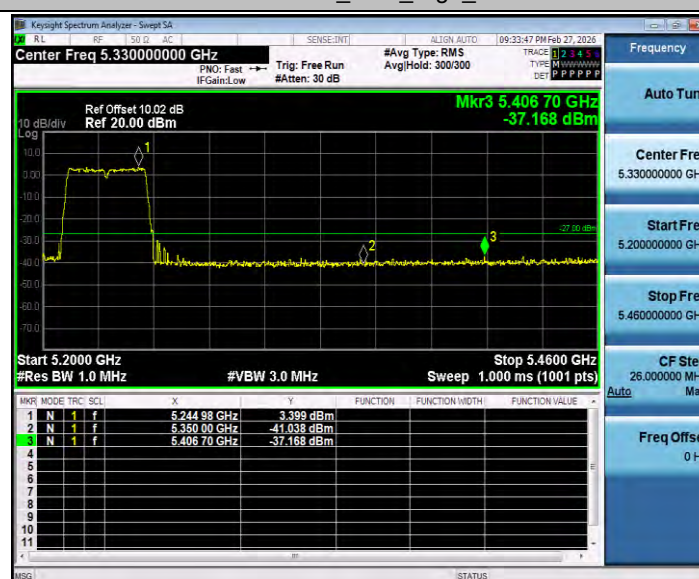
## 11AC20SISO\_Ant1\_High\_5240



11AC40SISO\_Ant1\_Low\_5190



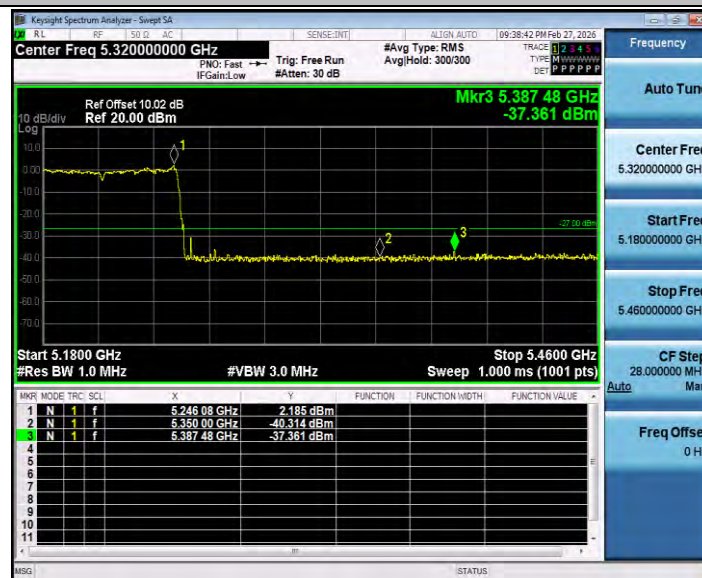
11AC40SISO\_Ant1\_High\_5230



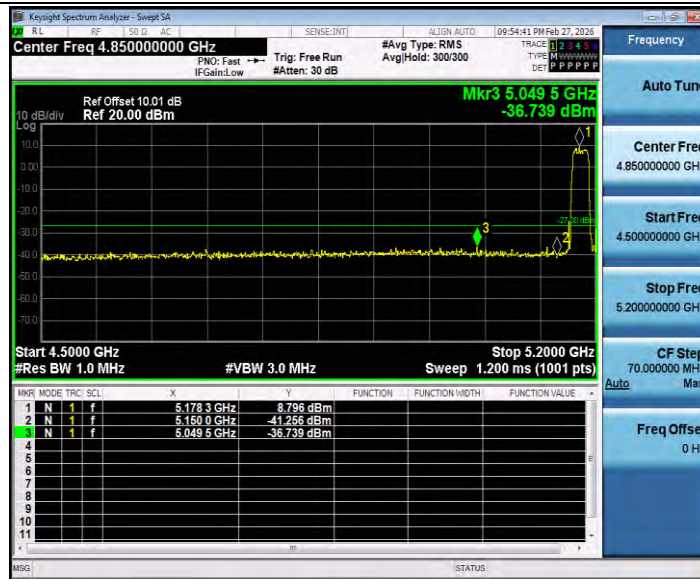
## 11AC80SISO\_Ant1\_Low\_5210



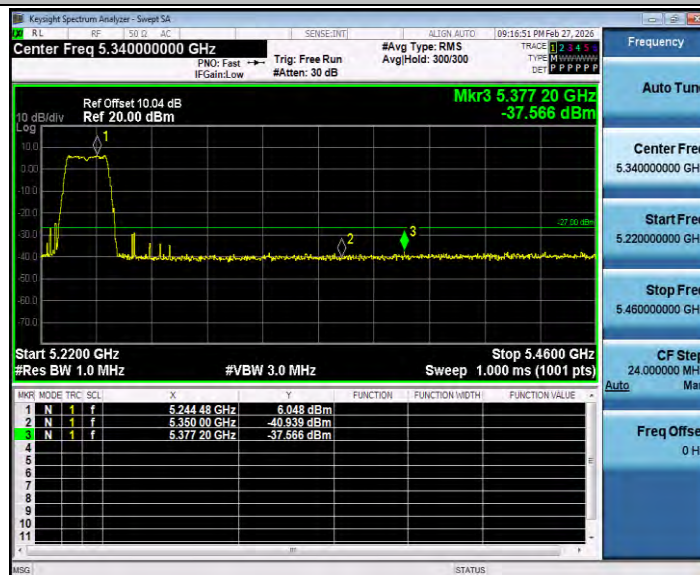
## 11AC80SISO\_Ant1\_High\_5210



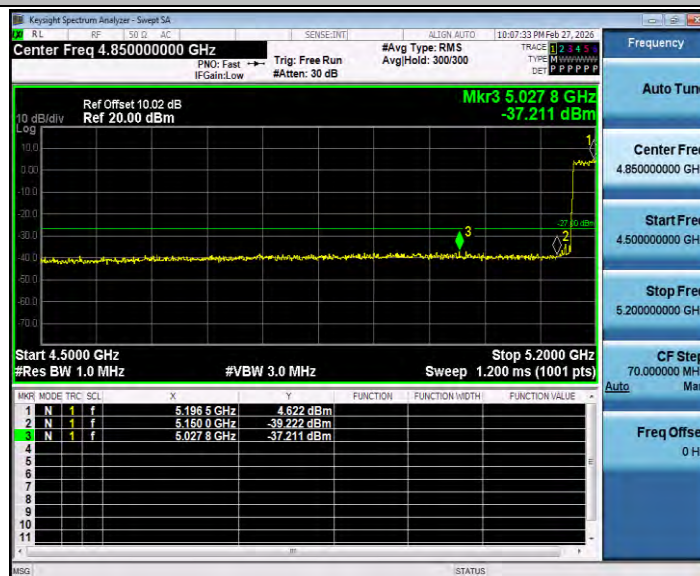
## 11AX20SISO\_Ant1\_Low\_5180



11AX20SISO\_Ant1\_High\_5240



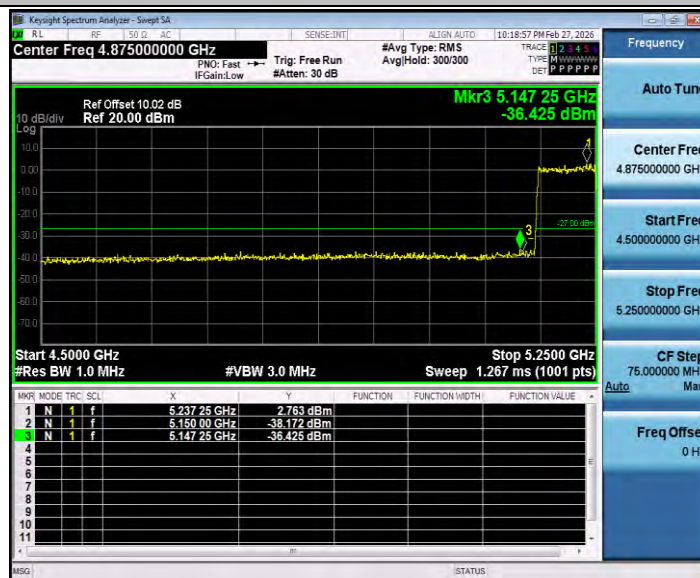
11AX40SISO\_Ant1\_Low\_5190



## 11AX40SISO\_Ant1\_High\_5230



## 11AX80SISO\_Ant1\_Low\_5210



## 11AX80SISO\_Ant1\_High\_5210



## Appendix D.7:Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5180      | 30~5140         | 4706.67        | -44.2            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24290.67       | -36.21           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 4727.96        | -45.04           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24227.19       | -37.52           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 4883.48        | -46.52           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24284.18       | -37.28           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5180      | 30~5140         | 5138.64        | -37.9            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24333.95       | -36.9            | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 5128.76        | -42.23           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25190.9        | -37.21           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 4768.67        | -43.23           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23573.67       | -37.54           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5190      | 30~5140         | 5138.98        | -41.75           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23567.17       | -37.05           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 2624.52        | -46.21           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24181.03       | -36.81           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5180      | 30~5140         | 4708.21        | -43.22           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24231.52       | -37.49           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 4728.3         | -43.56           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24997.58       | -37.1            | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 4768.33        | -42.62           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26882.42       | -37.33           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5190      | 30~5140         | 5140           | -44.42           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24197.62       | -35.79           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 5032.01        | -45.18           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26458.28       | -36.6            | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5210      | 30~5140         | 5134.89        | -39.83           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24390.94       | -36.6            | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5180      | 30~5140         | 5108.66        | -42.77           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25658.32       | -37.35           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 4728.99        | -41.38           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26917.05       | -36.94           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 4768.67        | -41.3            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24275.52       | -37.05           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5190      | 30~5140         | 5128.93        | -44.25           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26562.15       | -36.73           | ≤-27        | PASS    |

|            |      |      |            |          |        |            |      |
|------------|------|------|------------|----------|--------|------------|------|
|            |      | 5230 | 30~5140    | 4870.87  | -46.03 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 24255.33 | -37.28 | $\leq -27$ | PASS |
| 11AX80SISO | Ant1 | 5210 | 30~5140    | 5129.78  | -41.47 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 24250.28 | -37.3  | $\leq -27$ | PASS |

## Test Graphs

11A\_Ant1\_5180\_30~5140



11A\_Ant1\_5180\_5360~27000



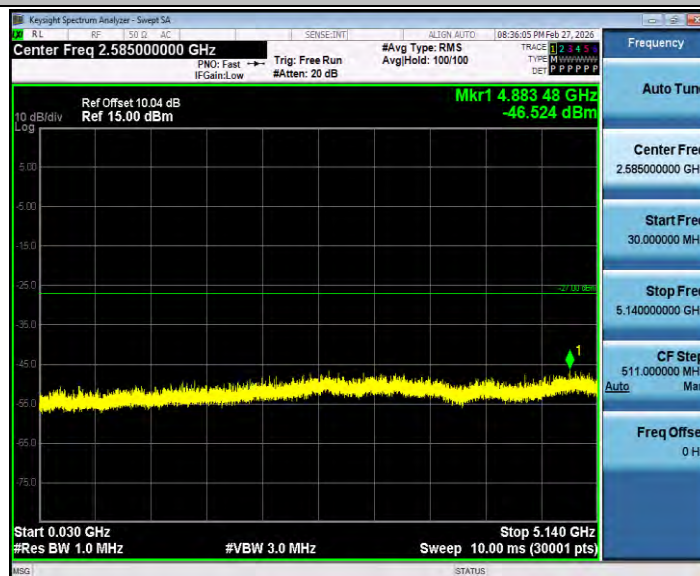
11A\_Ant1\_5200\_30~5140



11A\_Ant1\_5200\_5360~27000



11A\_Ant1\_5240\_30~5140



## 11A\_Ant1\_5240\_5360~27000



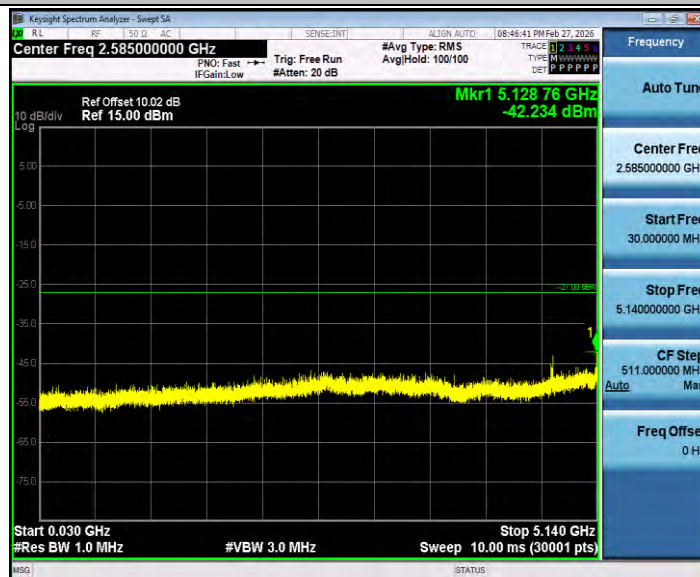
## 11N20SISO\_Ant1\_5180\_30~5140



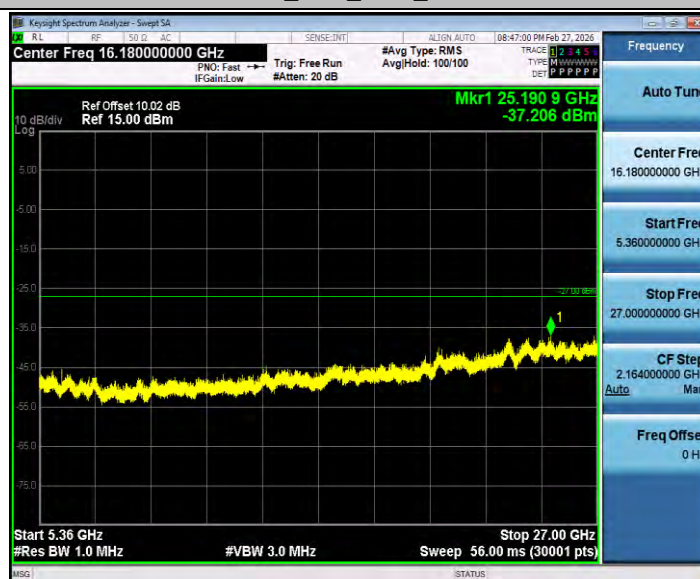
## 11N20SISO\_Ant1\_5180\_5360~27000



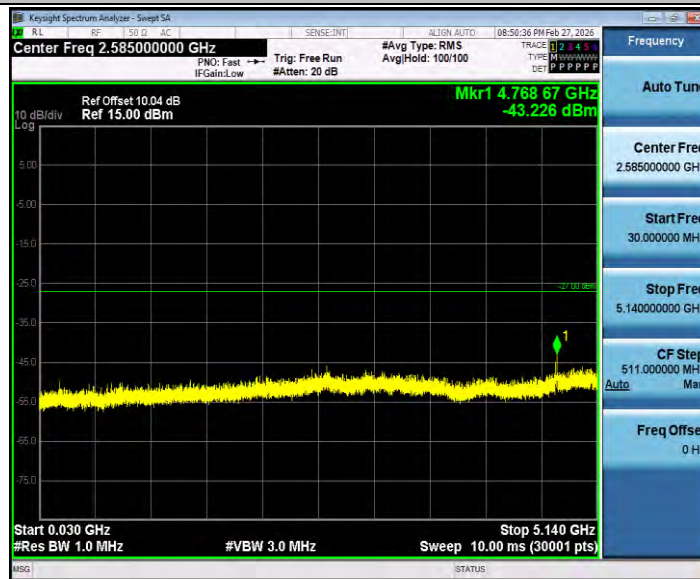
11N20SISO\_Ant1\_5200\_30~5140



11N20SISO\_Ant1\_5200\_5360~27000



## 11N20SISO\_Ant1\_5240\_30~5140



## 11N20SISO\_Ant1\_5240\_5360~27000



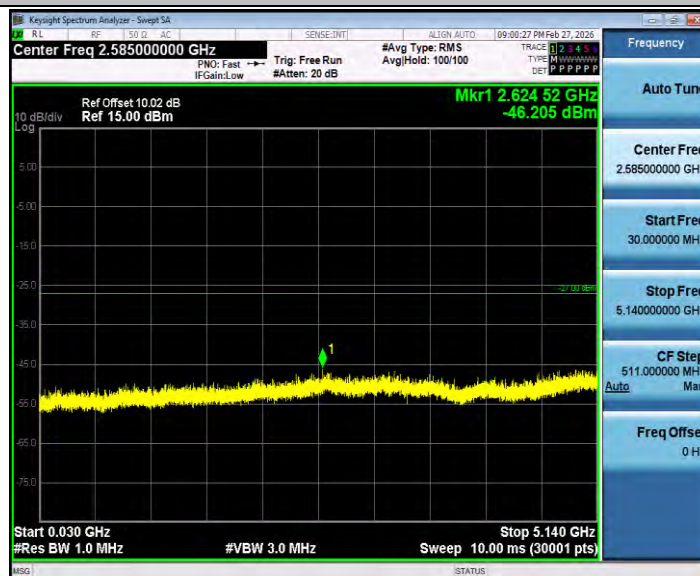
## 11N40SISO\_Ant1\_5190\_30~5140



11N40SISO\_Ant1\_5190\_5360~27000



11N40SISO\_Ant1\_5230\_30~5140



## 11N40SISO\_Ant1\_5230\_5360~27000



## 11AC20SISO\_Ant1\_5180\_30~5140



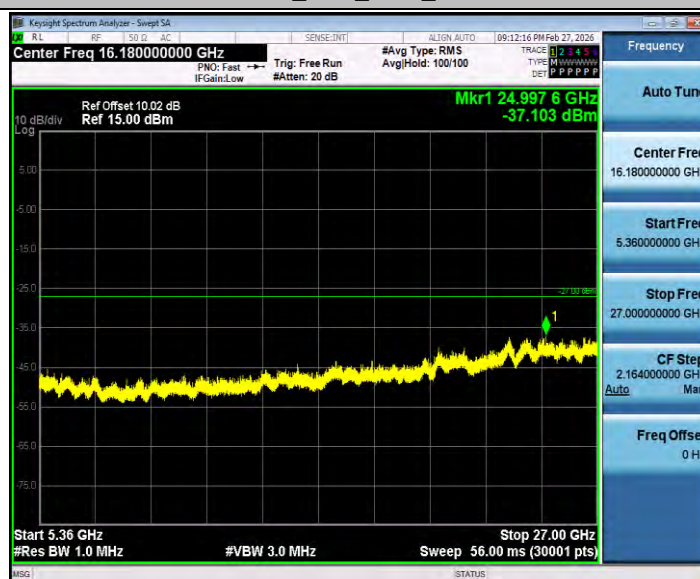
## 11AC20SISO\_Ant1\_5180\_5360~27000



11AC20SISO\_Ant1\_5200\_30~5140



11AC20SISO\_Ant1\_5200\_5360~27000



## 11AC20SISO\_Ant1\_5240\_30~5140



## 11AC20SISO\_Ant1\_5240\_5360~27000



## 11AC40SISO\_Ant1\_5190\_30~5140



11AC40SISO\_Ant1\_5190\_5360~27000



11AC40SISO\_Ant1\_5230\_30~5140







11AX20SISO\_Ant1\_5180\_30~5140



11AX20SISO\_Ant1\_5180\_5360~27000



## 11AX20SISO\_Ant1\_5200\_30~5140



## 11AX20SISO\_Ant1\_5200\_5360~27000



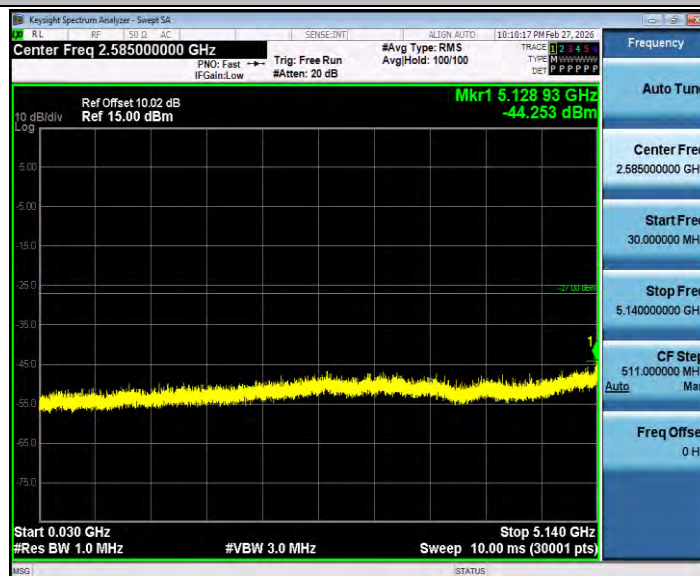
## 11AX20SISO\_Ant1\_5240\_30~5140



11AX20SISO\_Ant1\_5240\_5360~27000



11AX40SISO\_Ant1\_5190\_30~5140



## 11AX40SISO\_Ant1\_5190\_5360~27000



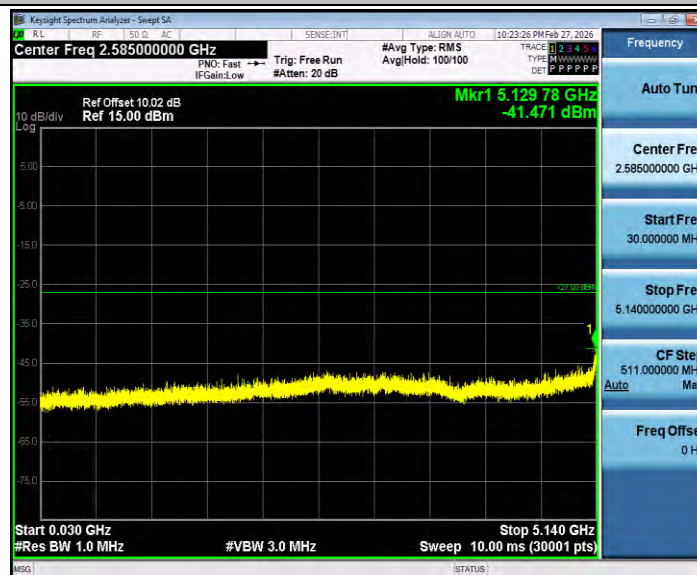
## 11AX40SISO\_Ant1\_5230\_30~5140



## 11AX40SISO\_Ant1\_5230\_5360~27000



11AX80SISO\_Ant1\_5210\_30~5140



11AX80SISO\_Ant1\_5210\_5360~27000

