

## Appendix E.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        | Ant0    | 5260       | 12.82               | 98.39          | 0.07            | 12.89        | ≤23.98      | PASS    |
|            |         | 5280       | 12.13               | 98.21          | 0.08            | 12.21        | ≤23.98      | PASS    |
|            |         | 5320       | 12.65               | 98.39          | 0.07            | 12.72        | ≤23.98      | PASS    |
| 11N20SISO  | Ant0    | 5260       | 13.77               | 98.17          | 0.08            | 13.85        | ≤23.98      | PASS    |
|            |         | 5280       | 13.31               | 98.35          | 0.07            | 13.38        | ≤23.98      | PASS    |
|            |         | 5320       | 13.43               | 98.35          | 0.07            | 13.50        | ≤23.98      | PASS    |
| 11N40SISO  | Ant0    | 5270       | 12.12               | 69.63          | 1.57            | 13.69        | ≤23.98      | PASS    |
|            |         | 5310       | 12.03               | 70.15          | 1.54            | 13.57        | ≤23.98      | PASS    |
| 11AC20SISO | Ant0    | 5260       | 13.63               | 98.36          | 0.07            | 13.70        | ≤23.90      | PASS    |
|            |         | 5280       | 13.09               | 98.35          | 0.07            | 13.16        | ≤23.92      | PASS    |
|            |         | 5320       | 13.26               | 98.35          | 0.07            | 13.33        | ≤23.90      | PASS    |
| 11AC40SISO | Ant0    | 5270       | 13.29               | 98.10          | 0.08            | 13.37        | ≤23.98      | PASS    |
|            |         | 5310       | 13.06               | 98.29          | 0.07            | 13.13        | ≤23.98      | PASS    |
| 11AC80SISO | Ant0    | 5290       | 13.33               | 98.14          | 0.08            | 13.41        | ≤23.98      | PASS    |
| 11AX20SISO | Ant0    | 5260       | 10.41               | 97.89          | 0.09            | 10.50        | ≤23.98      | PASS    |
|            |         | 5280       | 9.98                | 98.10          | 0.08            | 10.06        | ≤23.98      | PASS    |
|            |         | 5320       | 10.14               | 98.10          | 0.08            | 10.22        | ≤23.98      | PASS    |
| 11AX40SISO | Ant0    | 5270       | 16.08               | 98.10          | 0.08            | 16.16        | ≤23.98      | PASS    |
|            |         | 5310       | 15.80               | 98.09          | 0.08            | 15.88        | ≤23.98      | PASS    |
| 11AX80SISO | Ant0    | 5290       | 9.13                | 98.00          | 0.09            | 9.22         | ≤23.98      | PASS    |

## Appendix E.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant0    | 5260      | 1.63             | ≤11.00         | PASS    |
|            |         | 5280      | 1.05             | ≤11.00         | PASS    |
|            |         | 5320      | 1.53             | ≤11.00         | PASS    |
| 11N20SISO  | Ant0    | 5260      | 2.67             | ≤11.00         | PASS    |
|            |         | 5280      | 2.23             | ≤11.00         | PASS    |
|            |         | 5320      | 2.38             | ≤11.00         | PASS    |
| 11N40SISO  | Ant0    | 5270      | 1.11             | ≤11.00         | PASS    |
|            |         | 5310      | 1.00             | ≤11.00         | PASS    |
| 11AC20SISO | Ant0    | 5260      | 2.56             | ≤11.00         | PASS    |
|            |         | 5280      | 2.08             | ≤11.00         | PASS    |
|            |         | 5320      | 2.23             | ≤11.00         | PASS    |
| 11AC40SISO | Ant0    | 5270      | -0.45            | ≤11.00         | PASS    |
|            |         | 5310      | -0.60            | ≤11.00         | PASS    |
| 11AC80SISO | Ant0    | 5290      | -4.41            | ≤11.00         | PASS    |
| 11AX20SISO | Ant0    | 5260      | -1.37            | ≤11.00         | PASS    |
|            |         | 5280      | -1.87            | ≤11.00         | PASS    |
|            |         | 5320      | -1.50            | ≤11.00         | PASS    |
| 11AX40SISO | Ant0    | 5270      | 2.22             | ≤11.00         | PASS    |
|            |         | 5310      | 2.00             | ≤11.00         | PASS    |
| 11AX80SISO | Ant0    | 5290      | -7.49            | ≤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\_Ant0\_5260



11A\_Ant0\_5280



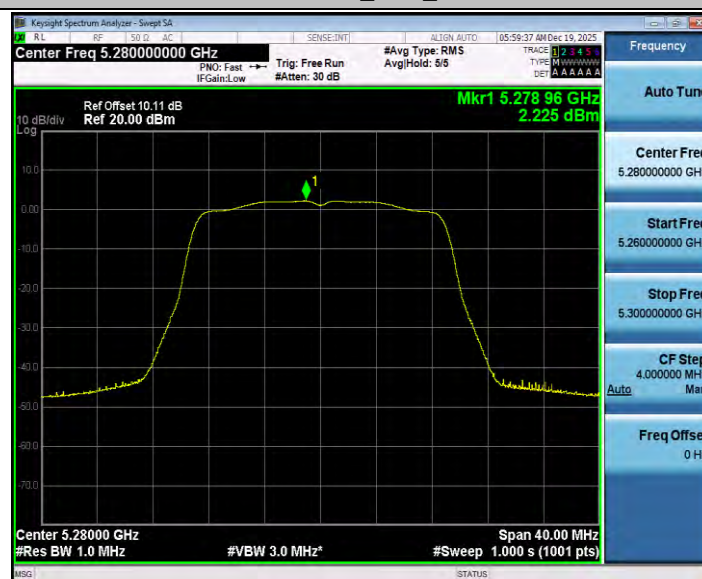
11A\_Ant0\_5320



11N20SISO\_Ant0\_5260



11N20SISO\_Ant0\_5280



11N20SISO\_Ant0\_5320



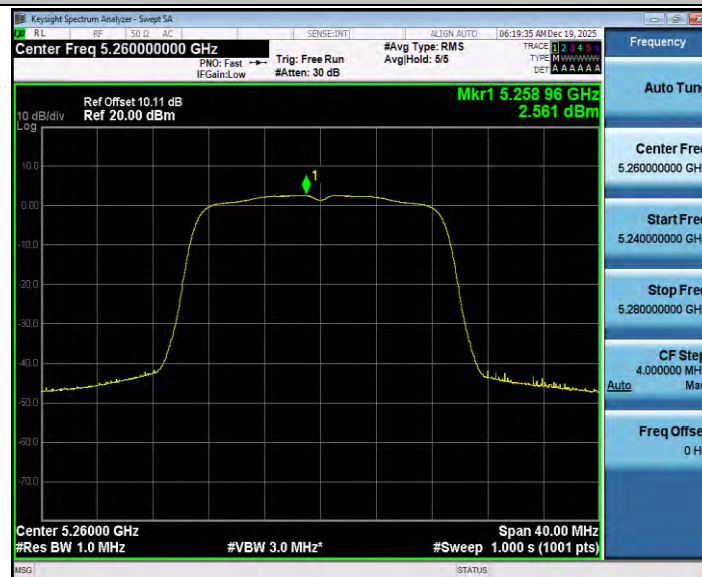
11N40SISO\_Ant0\_5270



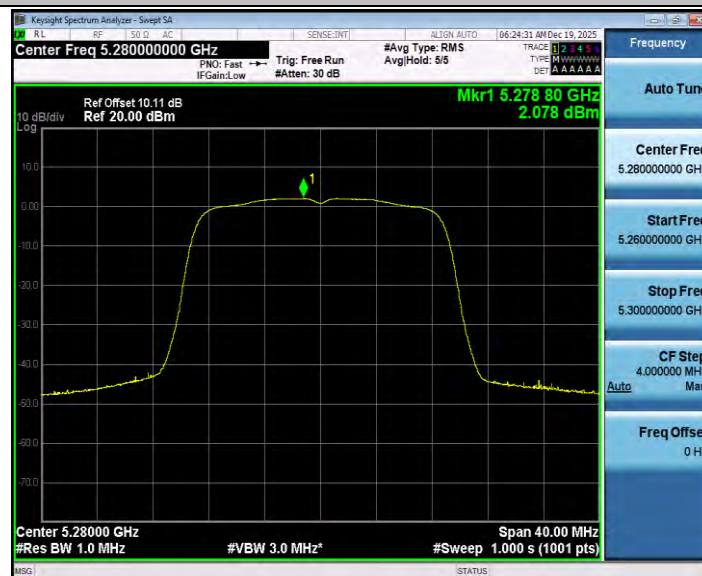
11N40SISO\_Ant0\_5310



11AC20SISO\_Ant0\_5260



11AC20SISO\_Ant0\_5280



## 11AC20SISO\_Ant0\_5320



## 11AC40SISO\_Ant0\_5270



## 11AC40SISO\_Ant0\_5310



11AC80SISO\_Ant0\_5290



11AX20SISO\_Ant0\_5260



11AX20SISO\_Ant0\_5280



11AX20SISO\_Ant0\_5320



11AX40SISO\_Ant0\_5270



11AX40SISO\_Ant0\_5310



11AX80SISO\_Ant0\_5290

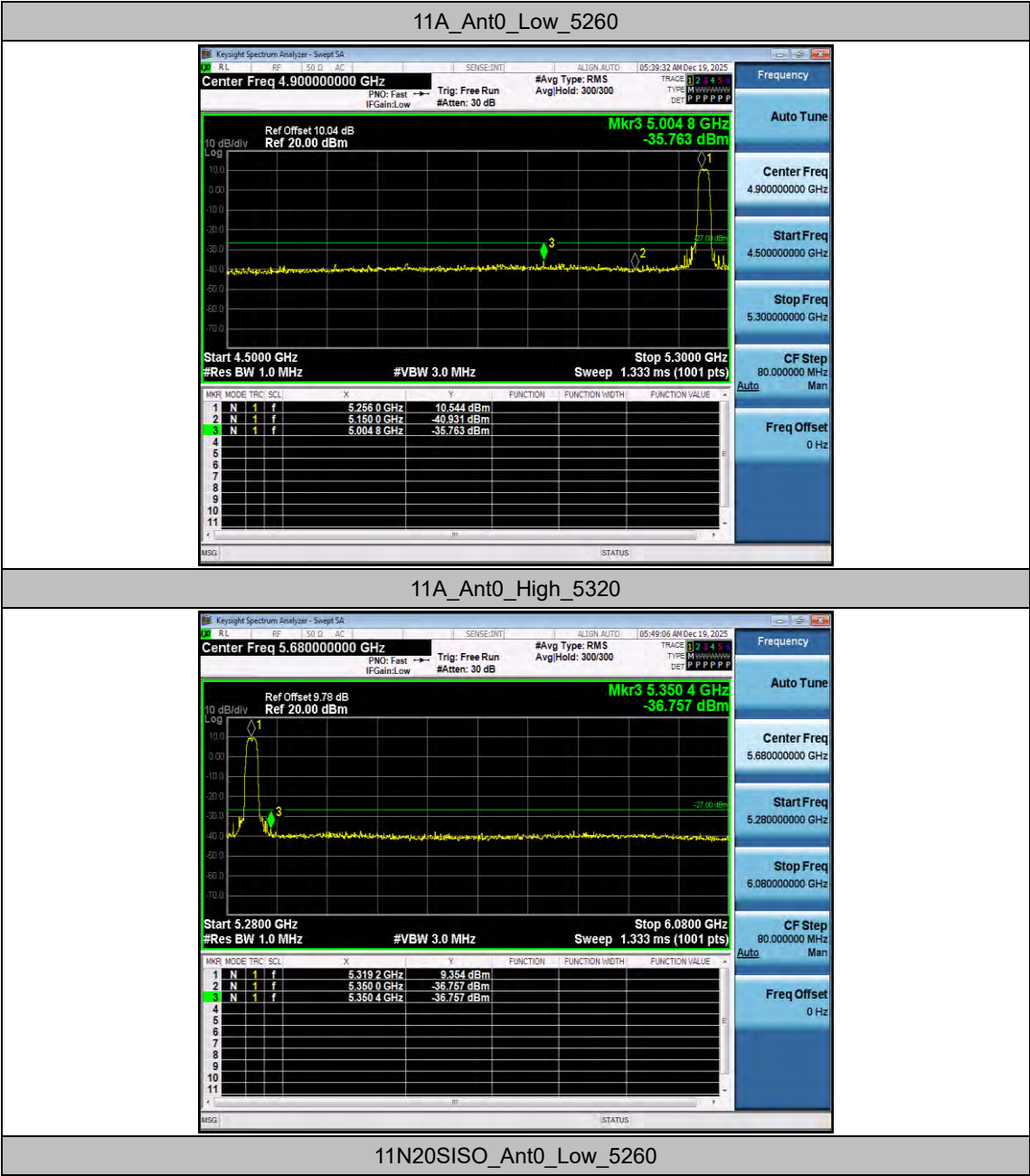


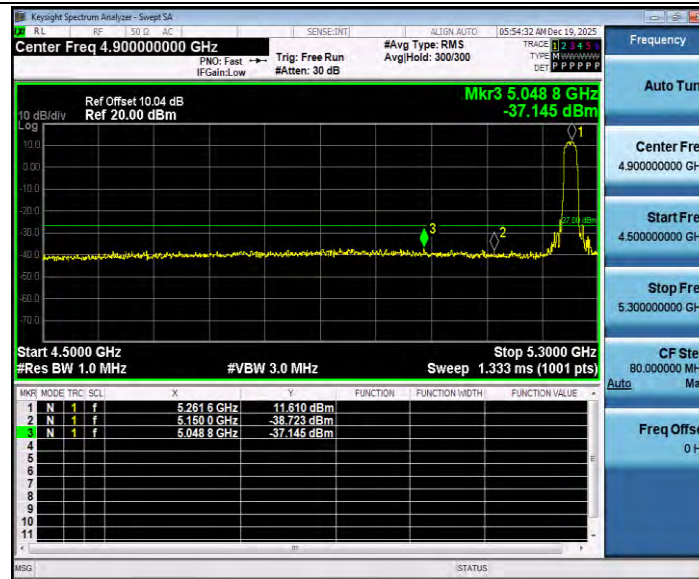
## Appendix E.6:Band edge measurements

### Test Result B2

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant0    | Low    | 5260      | -35.76      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -36.76      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant0    | Low    | 5260      | -37.15      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -36.53      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant0    | Low    | 5270      | -36.95      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -32.69      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant0    | Low    | 5260      | -36.4       | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -37.29      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant0    | Low    | 5270      | -37.55      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -30.29      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant0    | Low    | 5290      | -36.68      | $\leq -27$ | PASS    |
|            |         | High   | 5290      | -30.12      | $\leq -27$ | PASS    |
| 11AX20SISO | Ant0    | Low    | 5260      | -36.7       | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -37.31      | $\leq -27$ | PASS    |
| 11AX40SISO | Ant0    | Low    | 5270      | -37.38      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -37.61      | $\leq -27$ | PASS    |
| 11AX80SISO | Ant0    | Low    | 5290      | -37.2       | $\leq -27$ | PASS    |
|            |         | High   | 5290      | -37.98      | $\leq -27$ | PASS    |

Test GraphsB2

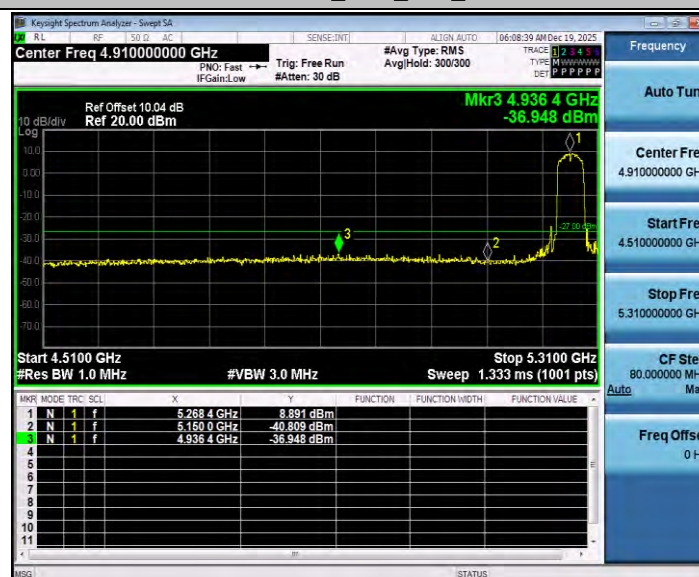




11N20SISO\_Ant0\_High\_5320



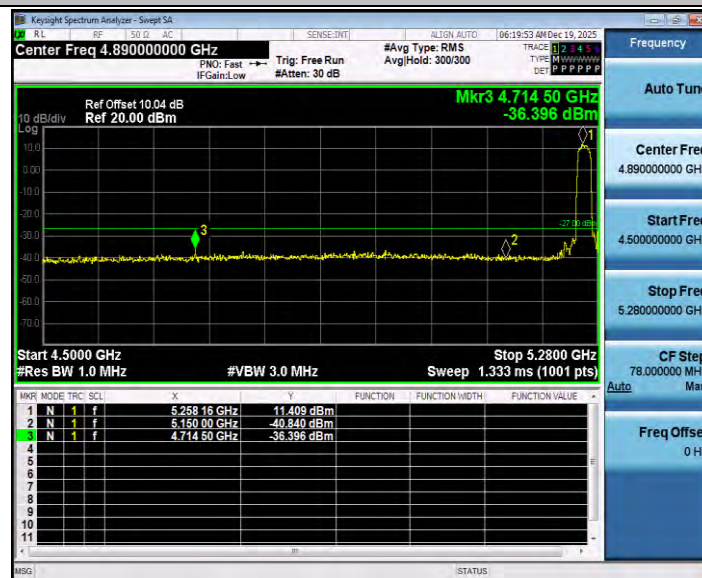
11N40SISO\_Ant0\_Low\_5270



## 11N40SISO\_Ant0\_High\_5310



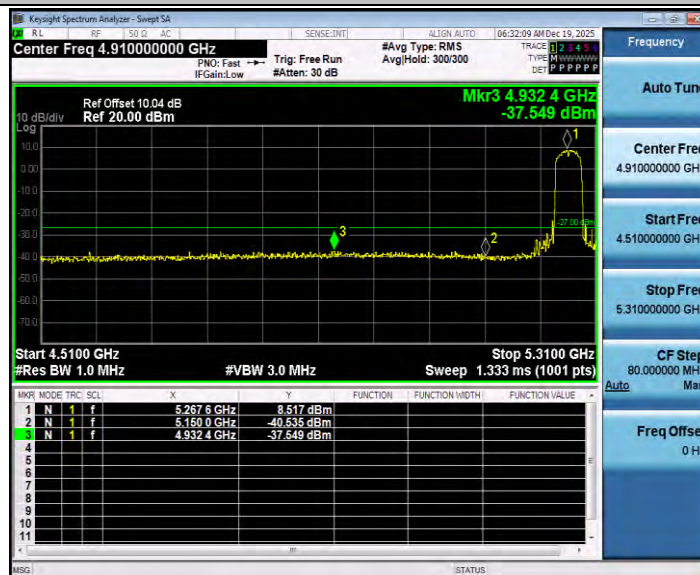
## 11AC20SISO\_Ant0\_Low\_5260



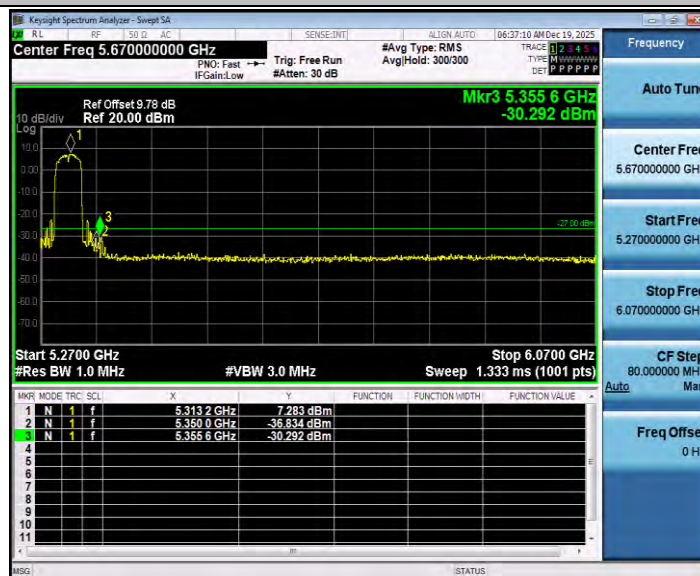
## 11AC20SISO\_Ant0\_High\_5320

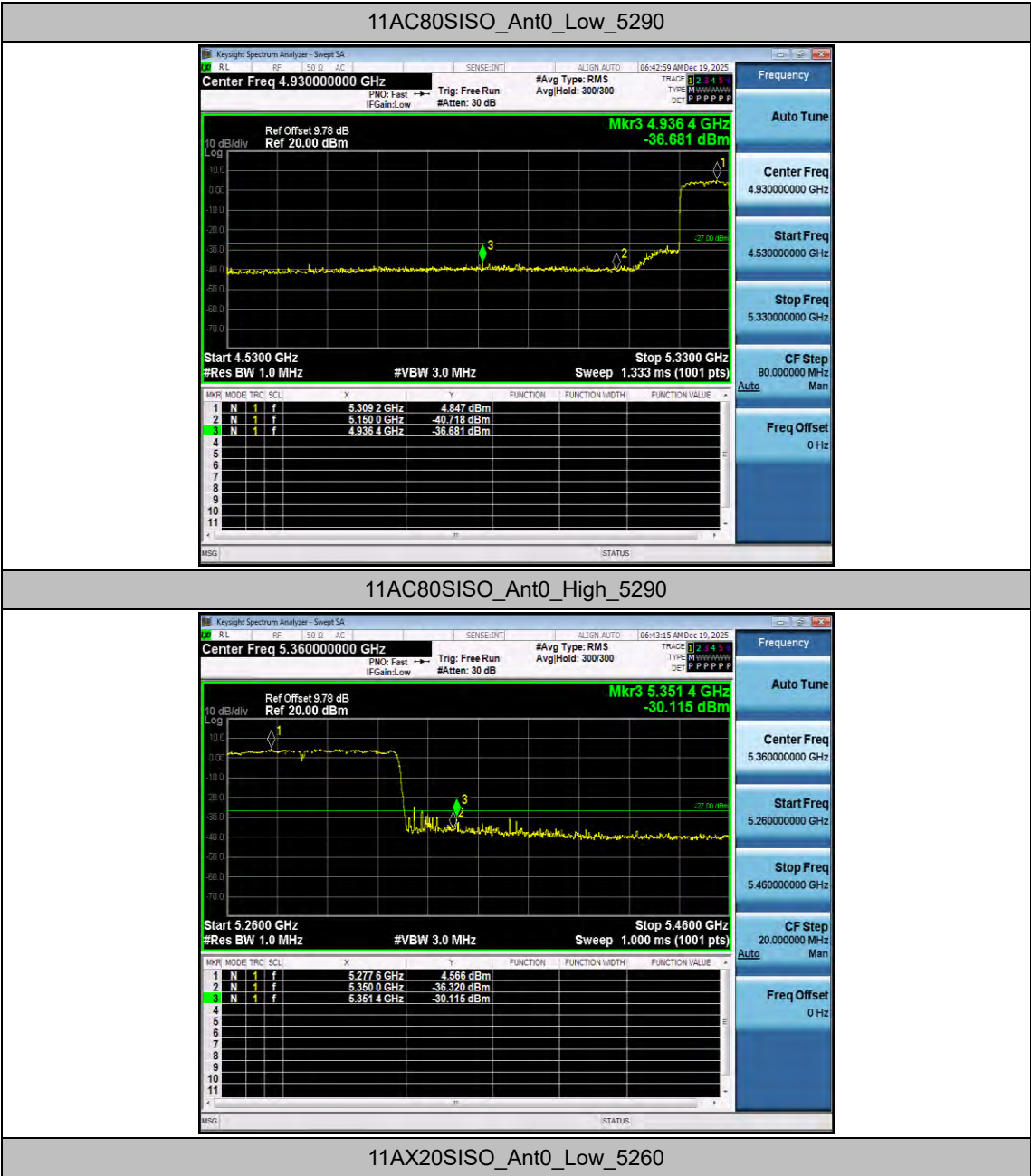


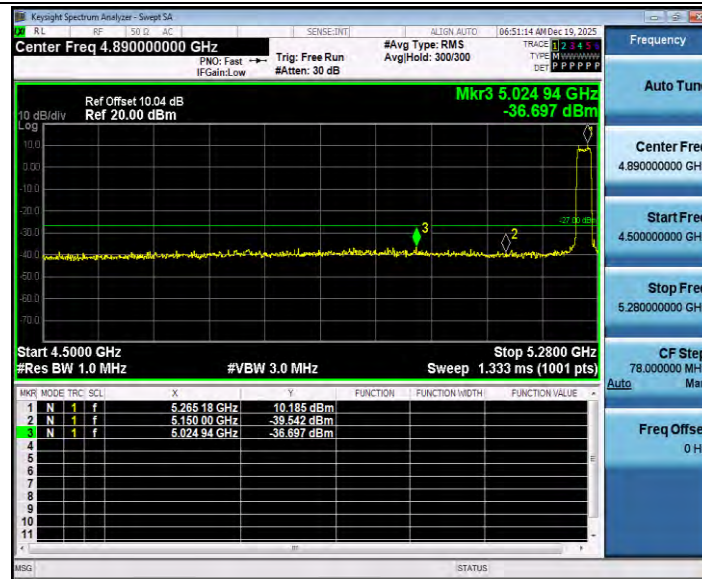
11AC40SISO\_Ant0\_Low\_5270



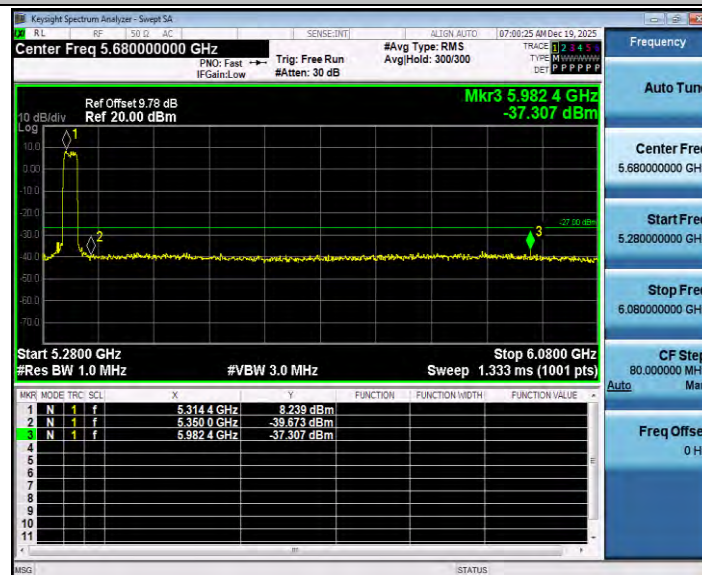
11AC40SISO\_Ant0\_High\_5310







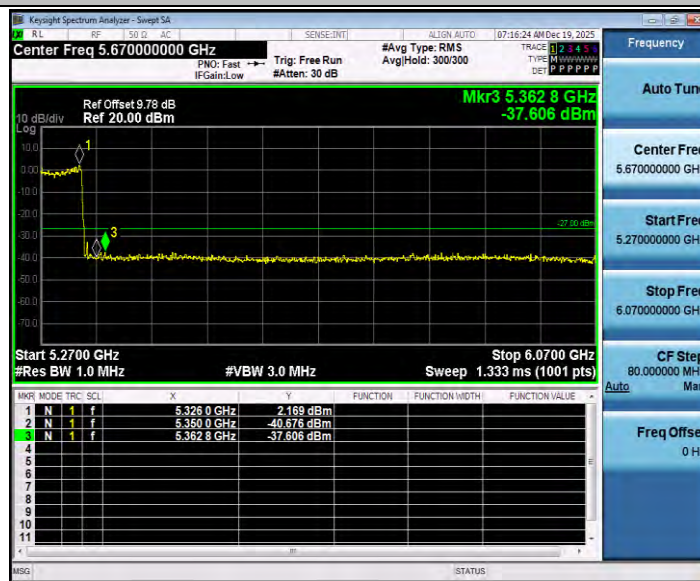
11AX20SISO\_Ant0\_High\_5320



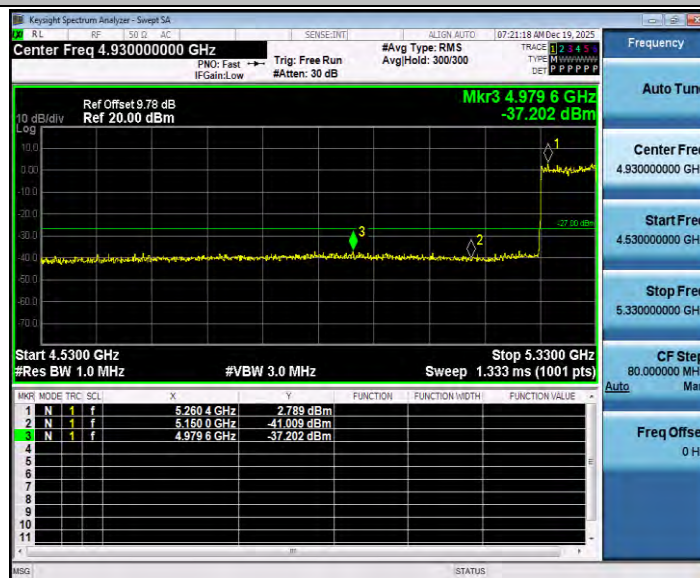
11AX40SISO\_Ant0\_Low\_5270



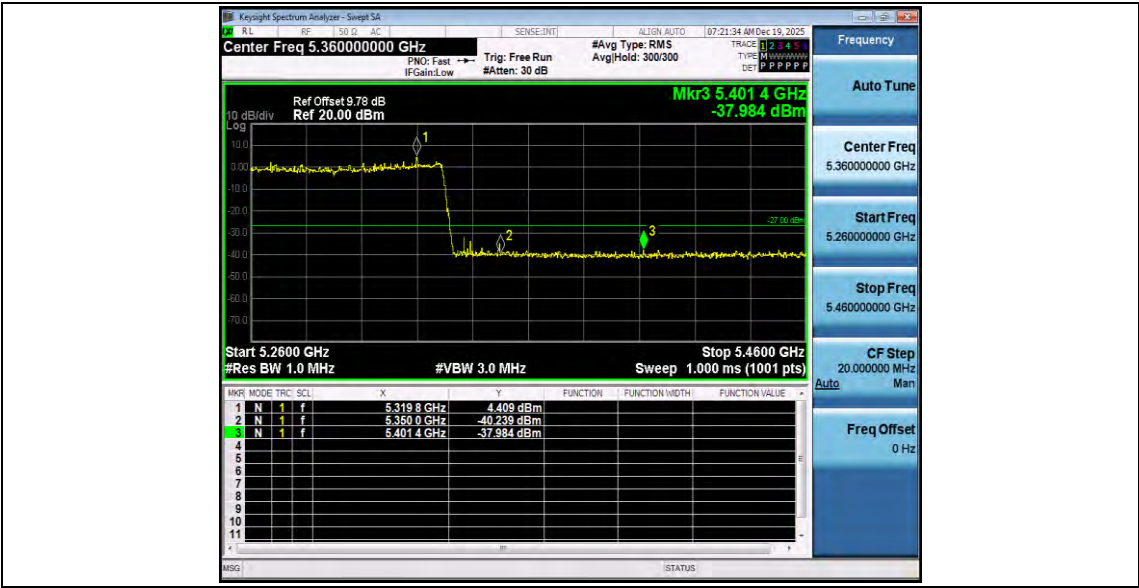
## 11AX40SISO\_Ant0\_High\_5310



## 11AX80SISO\_Ant0\_Low\_5290



## 11AX80SISO\_Ant0\_High\_5290



## Appendix E.7:Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant0    | 5260      | 30~5140         | 4772.59        | -42.75           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23492.16       | -36.98           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 4806.83        | -43.94           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24126.21       | -36.7            | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 4847.37        | -44.26           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24212.05       | -36.82           | ≤-27        | PASS    |
| 11N20SISO  | Ant0    | 5260      | 30~5140         | 5100.65        | -45.4            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26024.76       | -36.97           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 5122.12        | -45.84           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24294.28       | -36.87           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 4875.81        | -46.85           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26583.07       | -37.62           | ≤-27        | PASS    |
| 11N40SISO  | Ant0    | 5270      | 30~5140         | 2416.2         | -45.15           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26739.6        | -36.83           | ≤-27        | PASS    |
|            |         | 5310      | 30~5140         | 2414.33        | -44.09           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25217.59       | -37.11           | ≤-27        | PASS    |
| 11AC20SISO | Ant0    | 5260      | 30~5140         | 5096.91        | -45.71           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23602.52       | -37.37           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 5119.22        | -46.47           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24209.16       | -37              | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 2529.64        | -44.63           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26614.09       | -37.25           | ≤-27        | PASS    |
| 11AC40SISO | Ant0    | 5270      | 30~5140         | 2413.82        | -44.57           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24297.16       | -37.28           | ≤-27        | PASS    |
|            |         | 5310      | 30~5140         | 2415.52        | -46.77           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24211.33       | -37.19           | ≤-27        | PASS    |
| 11AC80SISO | Ant0    | 5290      | 30~5140         | 5128.59        | -46.1            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 5362.89        | -34.45           | ≤-27        | PASS    |
| 11AX20SISO | Ant0    | 5260      | 30~5140         | 4788.43        | -42.5            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26499.39       | -37.28           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 4807.85        | -42.59           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24261.82       | -36.31           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 4848.73        | -43.82           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24192.57       | -37.31           | ≤-27        | PASS    |
| 11AX40SISO | Ant0    | 5270      | 30~5140         | 2413.99        | -43.74           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25294.77       | -36.98           | ≤-27        | PASS    |

|            |      |      |            |          |        |            |      |
|------------|------|------|------------|----------|--------|------------|------|
|            |      | 5310 | 30~5140    | 2413.64  | -44.15 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 26046.4  | -37.01 | $\leq -27$ | PASS |
| 11AX80SISO | Ant0 | 5290 | 30~5140    | 2528.62  | -44.95 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 26917.05 | -37.3  | $\leq -27$ | PASS |

## Test Graphs

11A\_Ant0\_5260\_30~5140



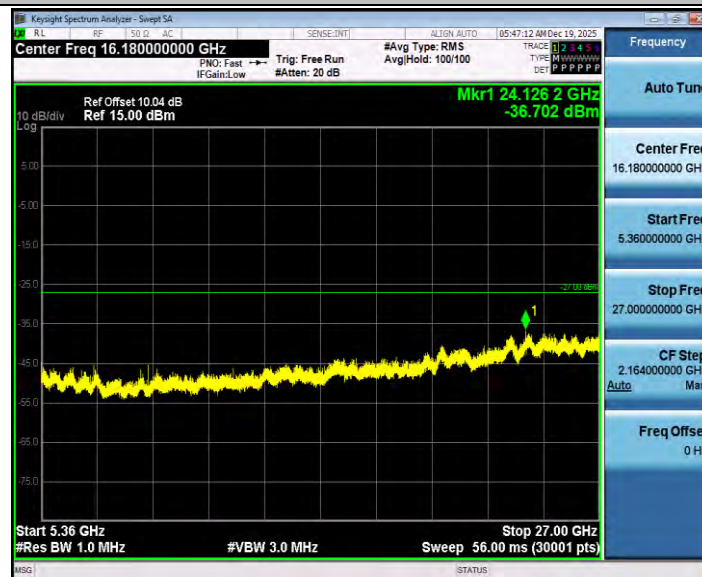
11A\_Ant0\_5260\_5360~27000



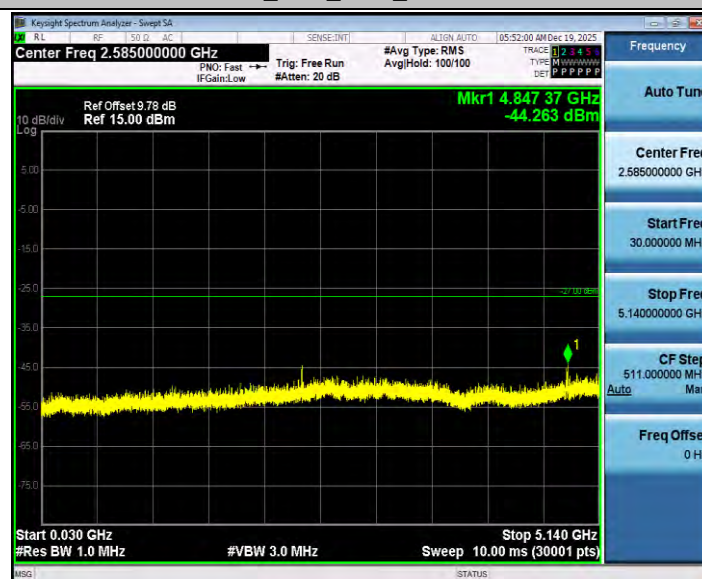
11A\_Ant0\_5280\_30~5140



11A\_Ant0\_5280\_5360~27000



11A\_Ant0\_5320\_30~5140



## 11A\_Ant0\_5320\_5360~27000



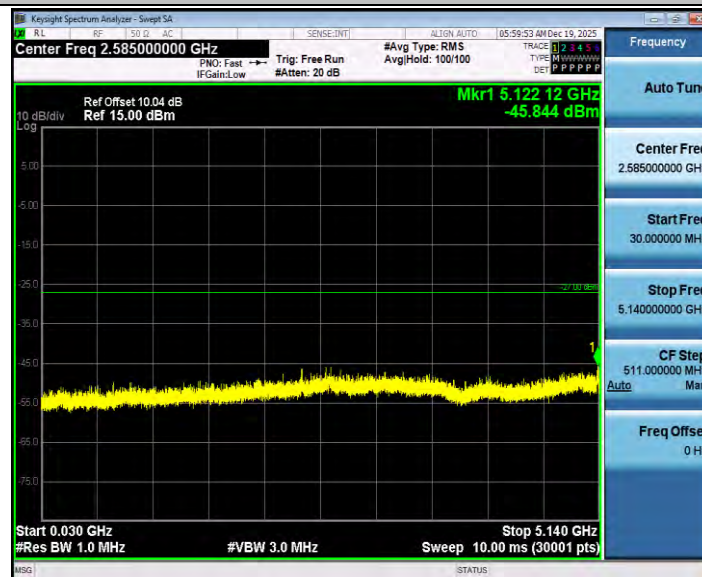
## 11N20SISO\_Ant0\_5260\_30~5140



## 11N20SISO\_Ant0\_5260\_5360~27000



11N20SISO\_Ant0\_5280\_30~5140



11N20SISO\_Ant0\_5280\_5360~27000



## 11N20SISO\_Ant0\_5320\_30~5140



## 11N20SISO\_Ant0\_5320\_5360~27000



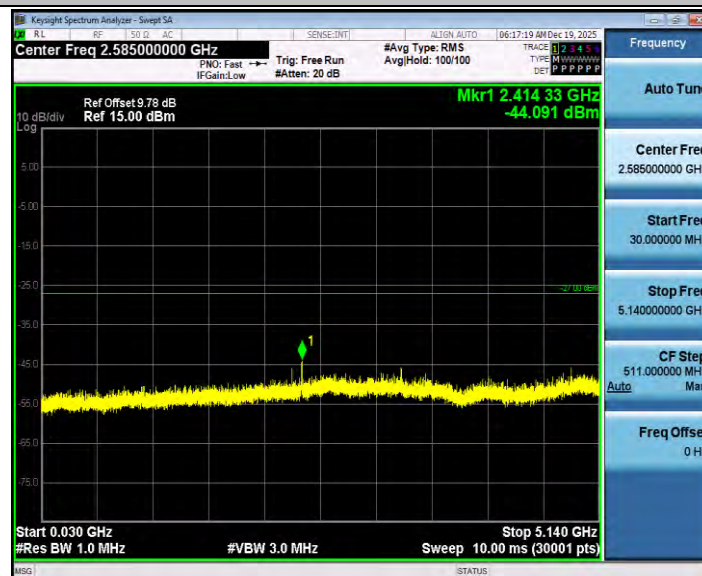
## 11N40SISO\_Ant0\_5270\_30~5140



11N40SISO\_Ant0\_5270\_5360~27000



11N40SISO\_Ant0\_5310\_30~5140



## 11N40SISO\_Ant0\_5310\_5360~27000



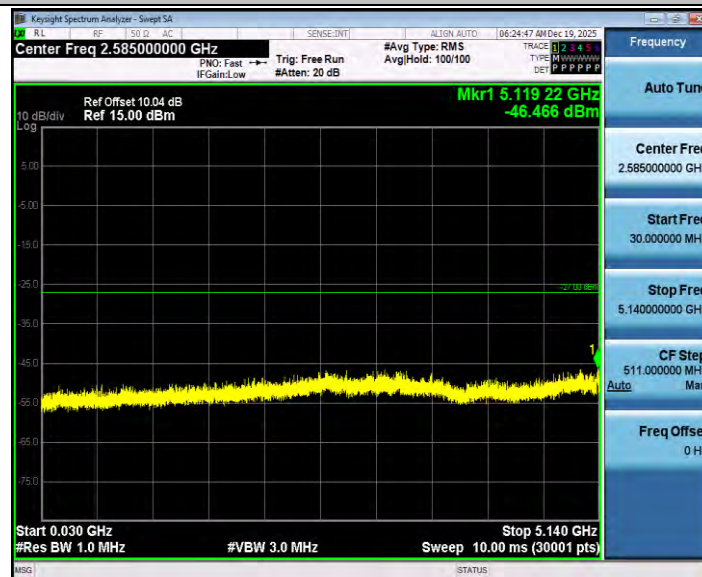
## 11AC20SISO\_Ant0\_5260\_30~5140



## 11AC20SISO\_Ant0\_5260\_5360~27000



11AC20SISO\_Ant0\_5280\_30~5140



11AC20SISO\_Ant0\_5280\_5360~27000



## 11AC20SISO\_Ant0\_5320\_30~5140



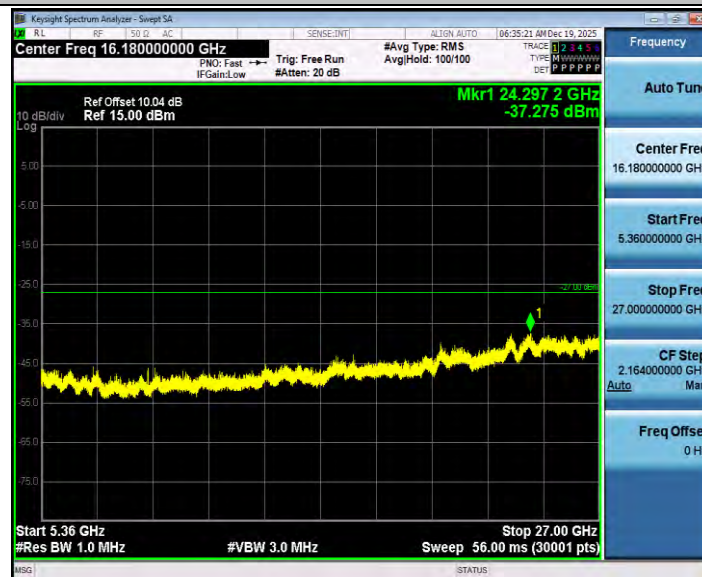
## 11AC20SISO\_Ant0\_5320\_5360~27000



## 11AC40SISO\_Ant0\_5270\_30~5140



11AC40SISO\_Ant0\_5270\_5360~27000



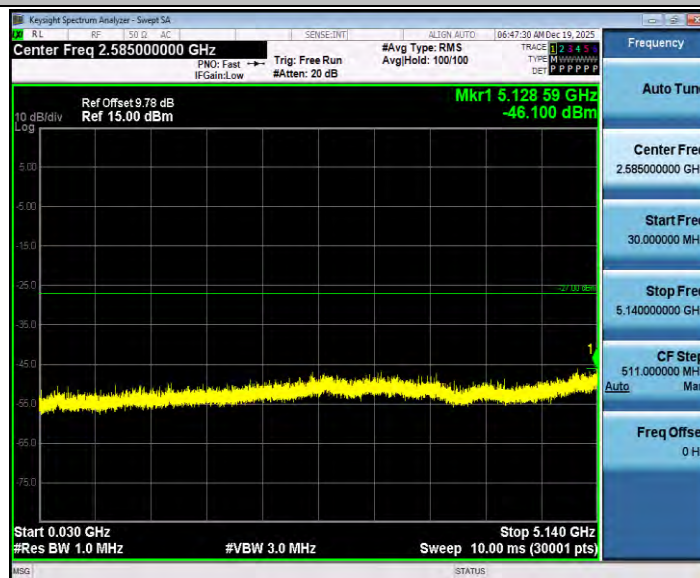
11AC40SISO\_Ant0\_5310\_30~5140



## 11AC40SISO\_Ant0\_5310\_5360~27000



## 11AC80SISO\_Ant0\_5290\_30~5140



## 11AC80SISO\_Ant0\_5290\_5360~27000



11AX20SISO\_Ant0\_5260\_30~5140



11AX20SISO\_Ant0\_5260\_5360~27000



## 11AX20SISO\_Ant0\_5280\_30~5140



## 11AX20SISO\_Ant0\_5280\_5360~27000



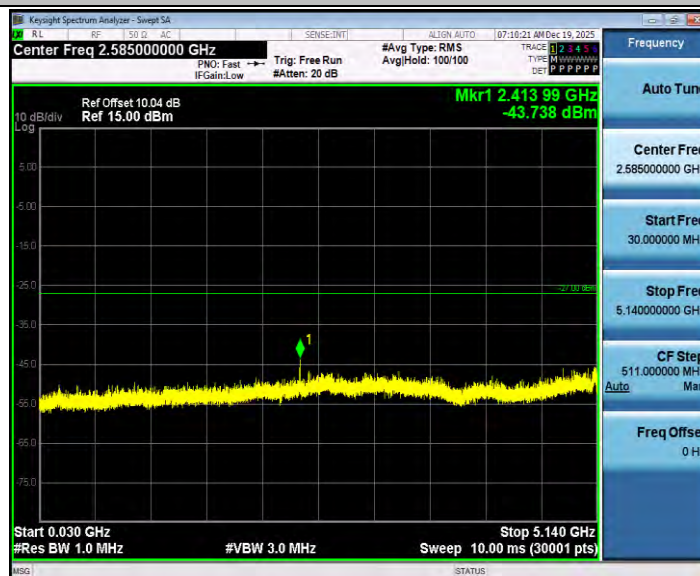
## 11AX20SISO\_Ant0\_5320\_30~5140

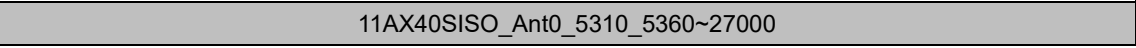
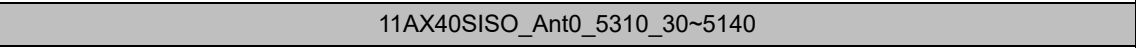


11AX20SISO\_Ant0\_5320\_5360~27000



11AX40SISO\_Ant0\_5270\_30~5140







11AX80SISO\_Ant0\_5290\_30~5140



11AX80SISO\_Ant0\_5290\_5360~27000

