

## Appendix C.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    | 5260      | 12.67               | 97.65          | 0.10            | 12.77        | ≤23.98      | PASS    |
|            |         | 5280      | 12.40               | 97.66          | 0.10            | 12.50        | ≤23.98      | PASS    |
|            |         | 5320      | 12.05               | 97.66          | 0.10            | 12.15        | ≤23.98      | PASS    |
| 11N20SISO  | Ant1    | 5260      | 12.70               | 99.00          | 0.04            | 12.74        | ≤23.98      | PASS    |
|            |         | 5280      | 12.36               | 98.76          | 0.05            | 12.41        | ≤23.98      | PASS    |
|            |         | 5320      | 12.01               | 98.76          | 0.05            | 12.06        | ≤23.98      | PASS    |
| 11N40SISO  | Ant1    | 5270      | 13.81               | 78.26          | 1.06            | 14.87        | ≤23.98      | PASS    |
|            |         | 5310      | 12.60               | 78.26          | 1.06            | 13.66        | ≤23.98      | PASS    |
| 11AC20SISO | Ant1    | 5260      | 11.66               | 77.27          | 1.12            | 12.78        | ≤23.98      | PASS    |
|            |         | 5280      | 11.32               | 80.95          | 0.92            | 12.24        | ≤23.98      | PASS    |
|            |         | 5320      | 10.93               | 76.19          | 1.18            | 12.11        | ≤23.98      | PASS    |
| 11AC40SISO | Ant1    | 5270      | 11.44               | 75.00          | 1.25            | 12.69        | ≤23.98      | PASS    |
|            |         | 5310      | 10.94               | 76.19          | 1.18            | 12.12        | ≤23.98      | PASS    |
| 11AC80SISO | Ant1    | 5290      | 11.38               | 76.19          | 1.18            | 12.56        | ≤23.98      | PASS    |
| 11AX20SISO | Ant1    | 5260      | 11.55               | 77.27          | 1.12            | 12.67        | ≤23.98      | PASS    |
|            |         | 5280      | 11.20               | 77.27          | 1.12            | 12.32        | ≤23.98      | PASS    |
|            |         | 5320      | 10.89               | 78.26          | 1.06            | 11.95        | ≤23.98      | PASS    |
| 11AX40SISO | Ant1    | 5270      | 11.21               | 77.27          | 1.12            | 12.33        | ≤23.98      | PASS    |
|            |         | 5310      | 10.74               | 77.27          | 1.12            | 11.86        | ≤23.98      | PASS    |
| 11AX80SISO | Ant1    | 5290      | 11.22               | 78.26          | 1.06            | 12.28        | ≤23.98      | PASS    |

## Appendix C.5: Maximum power spectral density

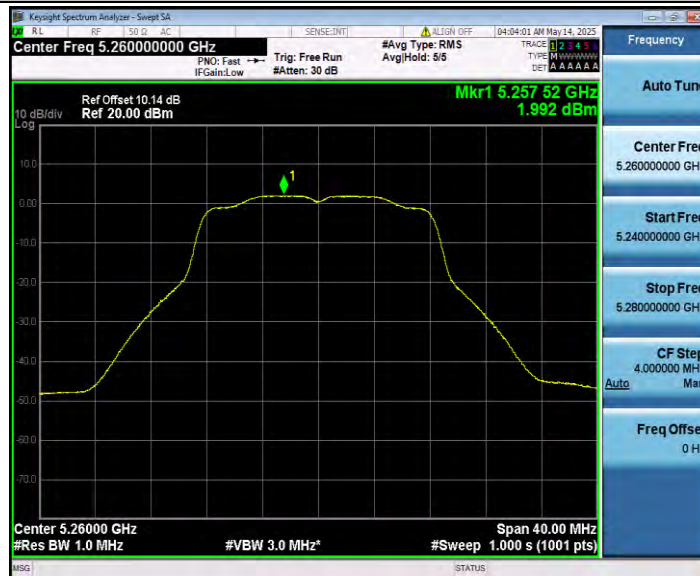
### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5260      | 1.99             | ≤11.00         | PASS    |
|            |         | 5280      | 1.58             | ≤11.00         | PASS    |
|            |         | 5320      | 1.44             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5260      | 1.62             | ≤11.00         | PASS    |
|            |         | 5280      | 1.36             | ≤11.00         | PASS    |
|            |         | 5320      | 1.09             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5270      | 0.95             | ≤11.00         | PASS    |
|            |         | 5310      | -0.43            | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5260      | 1.93             | ≤11.00         | PASS    |
|            |         | 5280      | 1.51             | ≤11.00         | PASS    |
|            |         | 5320      | 1.64             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5270      | -1.44            | ≤11.00         | PASS    |
|            |         | 5310      | -2.03            | ≤11.00         | PASS    |
| 11AC80SISO | Ant1    | 5290      | -4.57            | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5260      | 1.67             | ≤11.00         | PASS    |
|            |         | 5280      | 1.19             | ≤11.00         | PASS    |
|            |         | 5320      | 0.89             | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5270      | -1.86            | ≤11.00         | PASS    |
|            |         | 5310      | -2.39            | ≤11.00         | PASS    |
| 11AX80SISO | Ant1    | 5290      | -5.19            | ≤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\_5260



11A\_Ant1\_5280



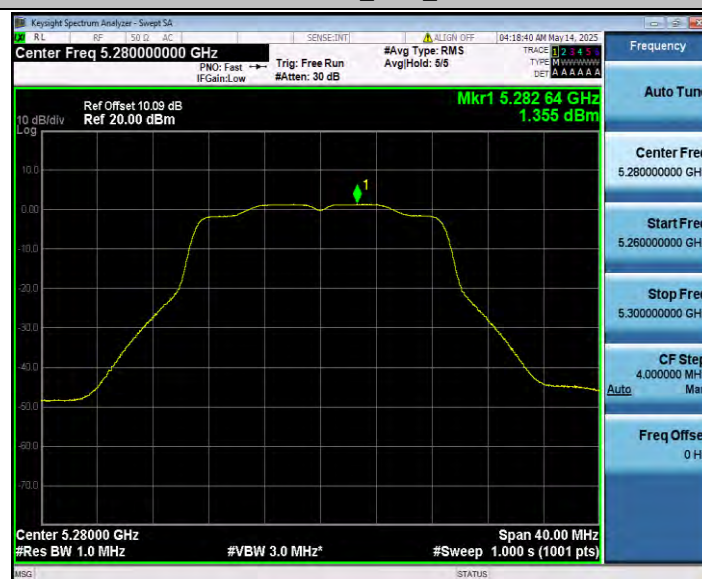
11A\_Ant1\_5320



11N20SISO\_Ant1\_5260



11N20SISO\_Ant1\_5280



11N20SISO\_Ant1\_5320



11N40SISO\_Ant1\_5270



11N40SISO\_Ant1\_5310



11AC20SISO\_Ant1\_5260



11AC20SISO\_Ant1\_5280



## 11AC20SISO\_Ant1\_5320



## 11AC40SISO\_Ant1\_5270



## 11AC40SISO\_Ant1\_5310



11AC80SISO\_Ant1\_5290



11AX20SISO\_Ant1\_5260



11AX20SISO\_Ant1\_5280



11AX20SISO\_Ant1\_5320



11AX40SISO\_Ant1\_5270



11AX40SISO\_Ant1\_5310



11AX80SISO\_Ant1\_5290

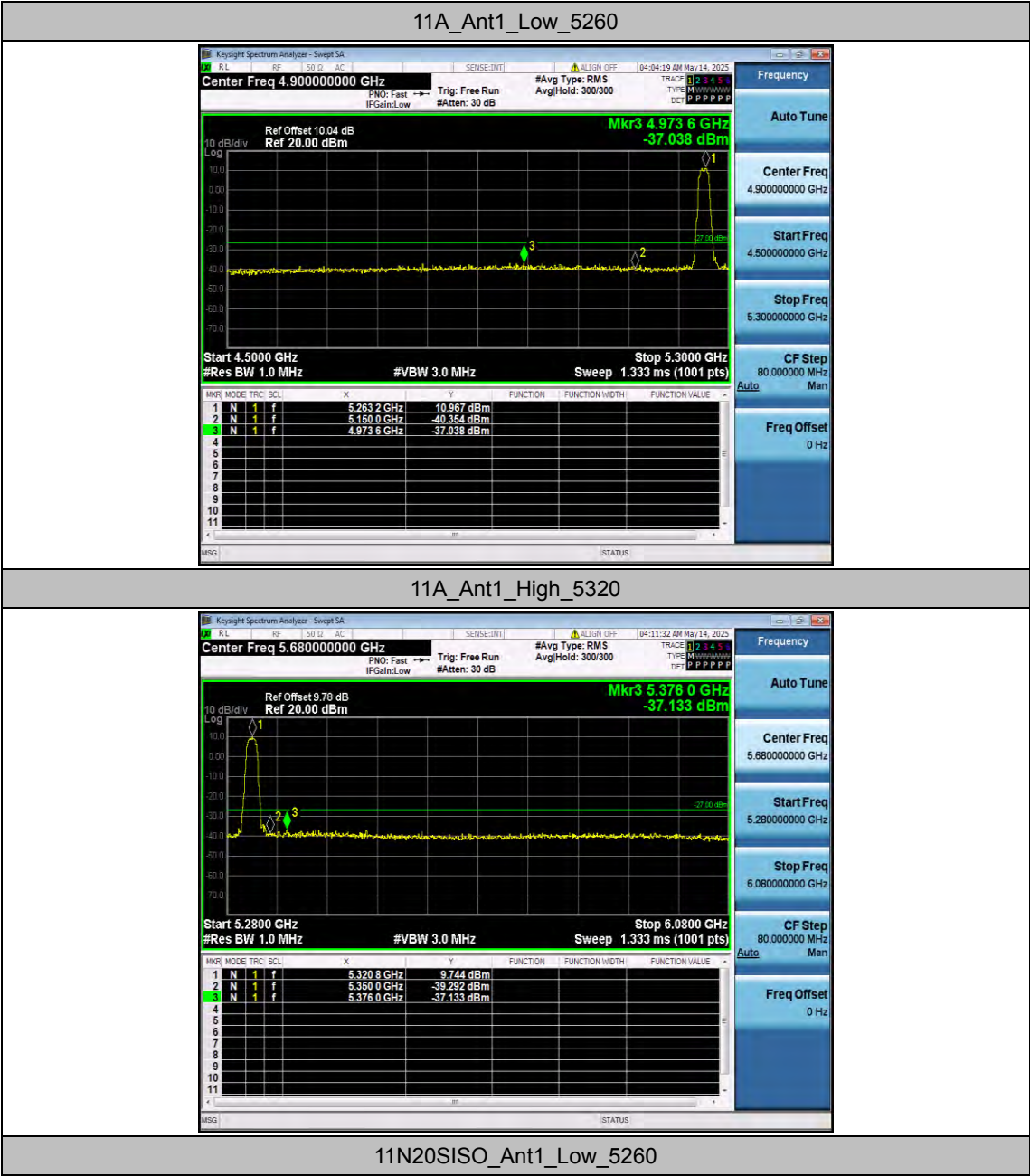


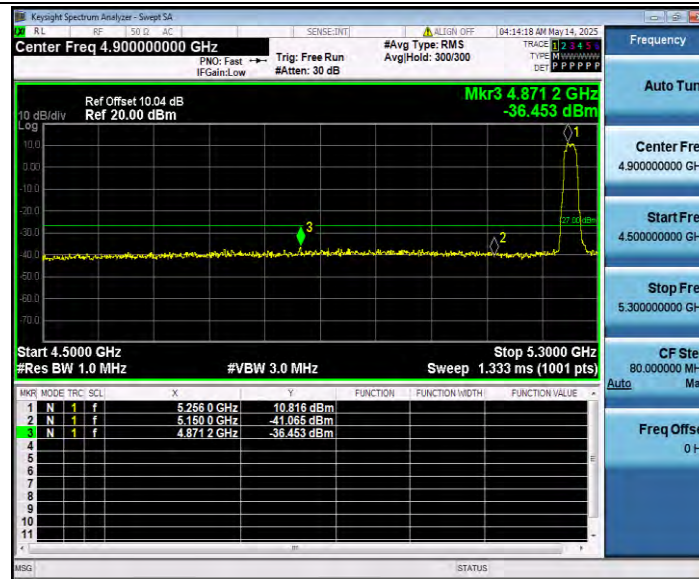
## Appendix C.6: Band edge measurements

### Test Result B2

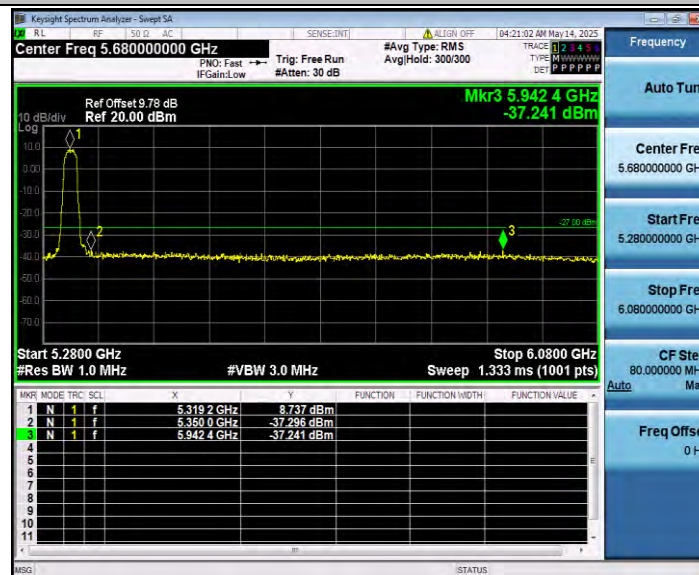
| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5260      | -37.04      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -37.13      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 5260      | -36.45      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -37.24      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant1    | Low    | 5270      | -37.62      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -27.16      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant1    | Low    | 5260      | -37.44      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -36.72      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant1    | Low    | 5270      | -37.36      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -33.1       | $\leq -27$ | PASS    |
| 11AC80SISO | Ant1    | Low    | 5290      | -36.99      | $\leq -27$ | PASS    |
|            |         | High   | 5290      | -33.15      | $\leq -27$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 5260      | -37.18      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -37.11      | $\leq -27$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 5270      | -37.55      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -36.82      | $\leq -27$ | PASS    |
| 11AX80SISO | Ant1    | Low    | 5290      | -37.11      | $\leq -27$ | PASS    |
|            |         | High   | 5290      | -33.14      | $\leq -27$ | PASS    |

Test Graphs B2

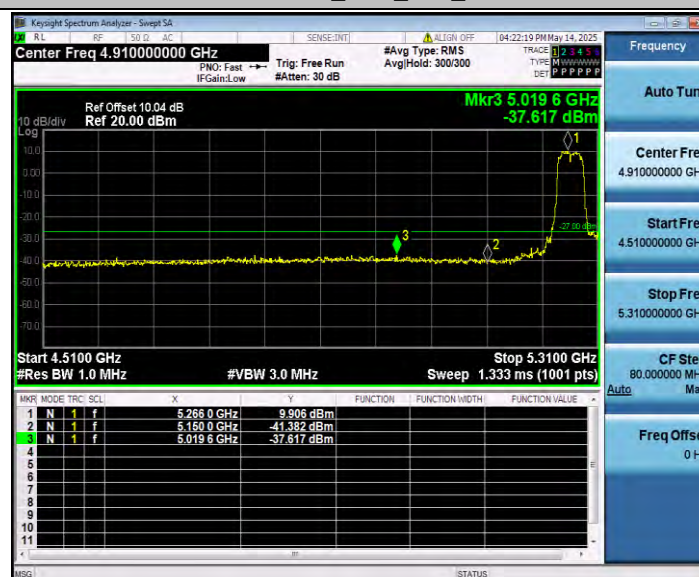




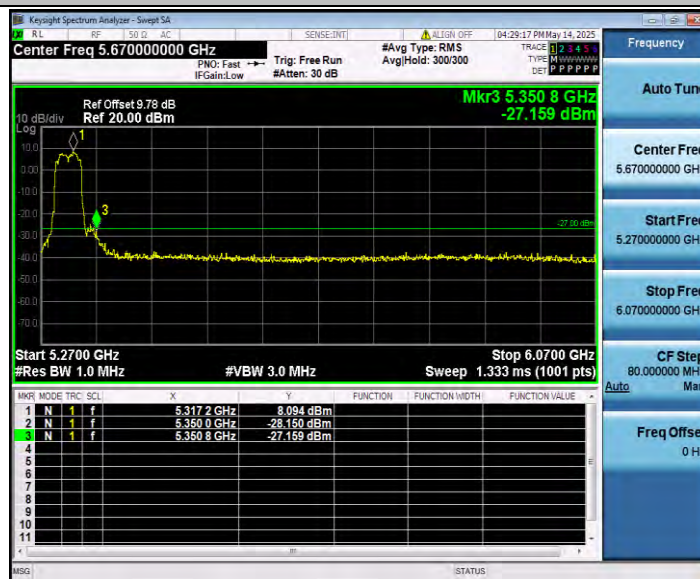
11N20SISO\_Ant1\_High\_5320



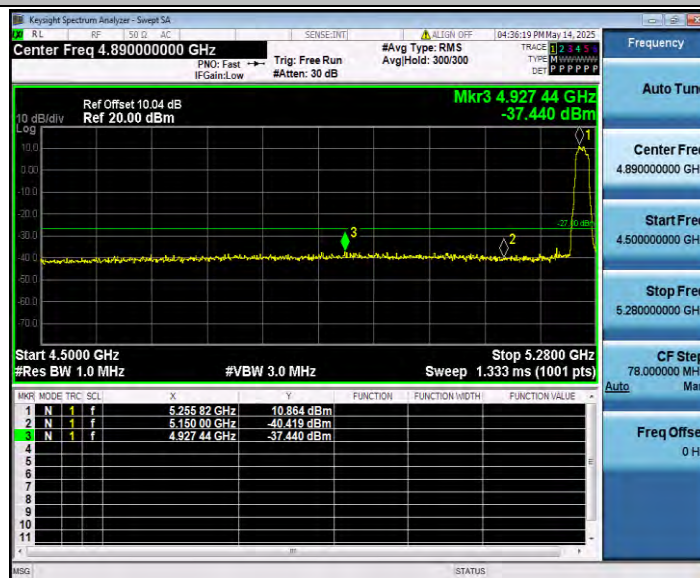
11N40SISO\_Ant1\_Low\_5270



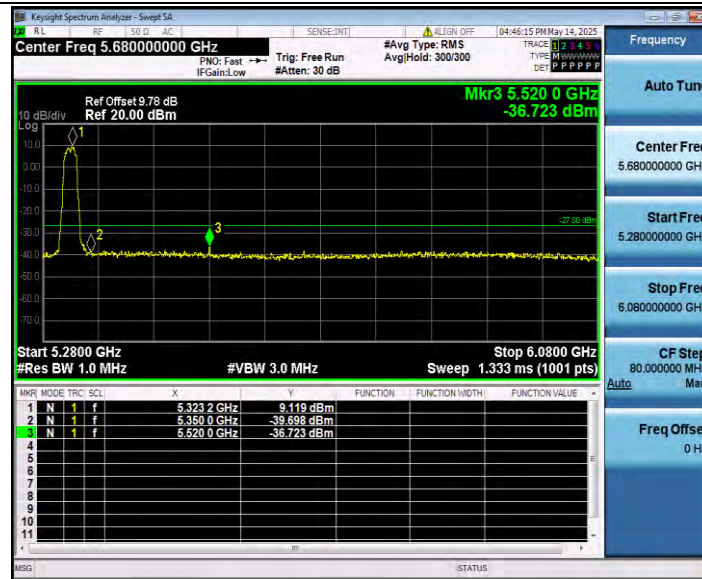
## 11N40SISO\_Ant1\_High\_5310



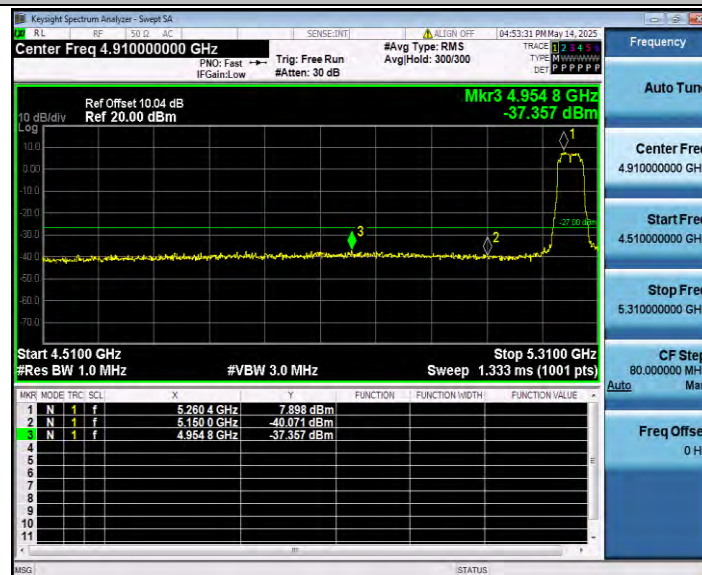
## 11AC20SISO\_Ant1\_Low\_5260



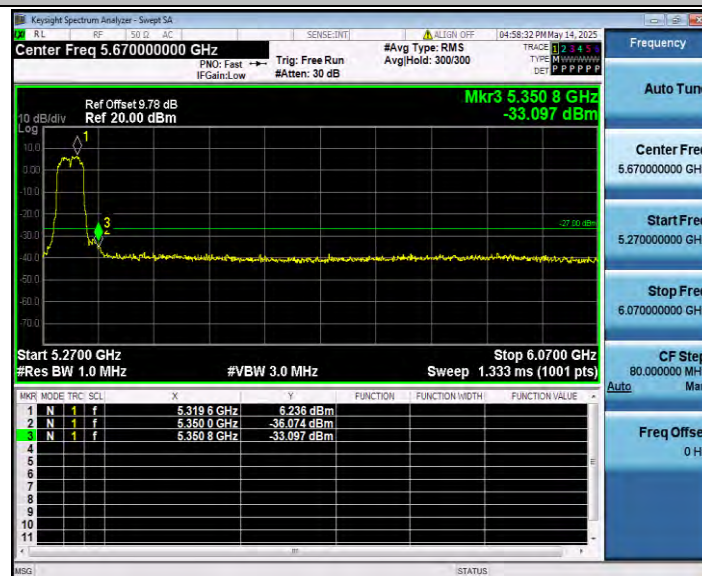
## 11AC20SISO\_Ant1\_High\_5320



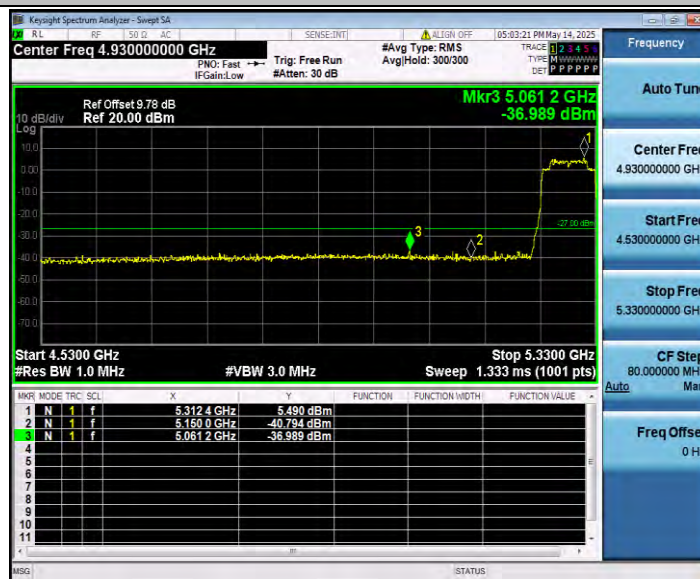
11AC40SISO\_Ant1\_Low\_5270



11AC40SISO\_Ant1\_High\_5310



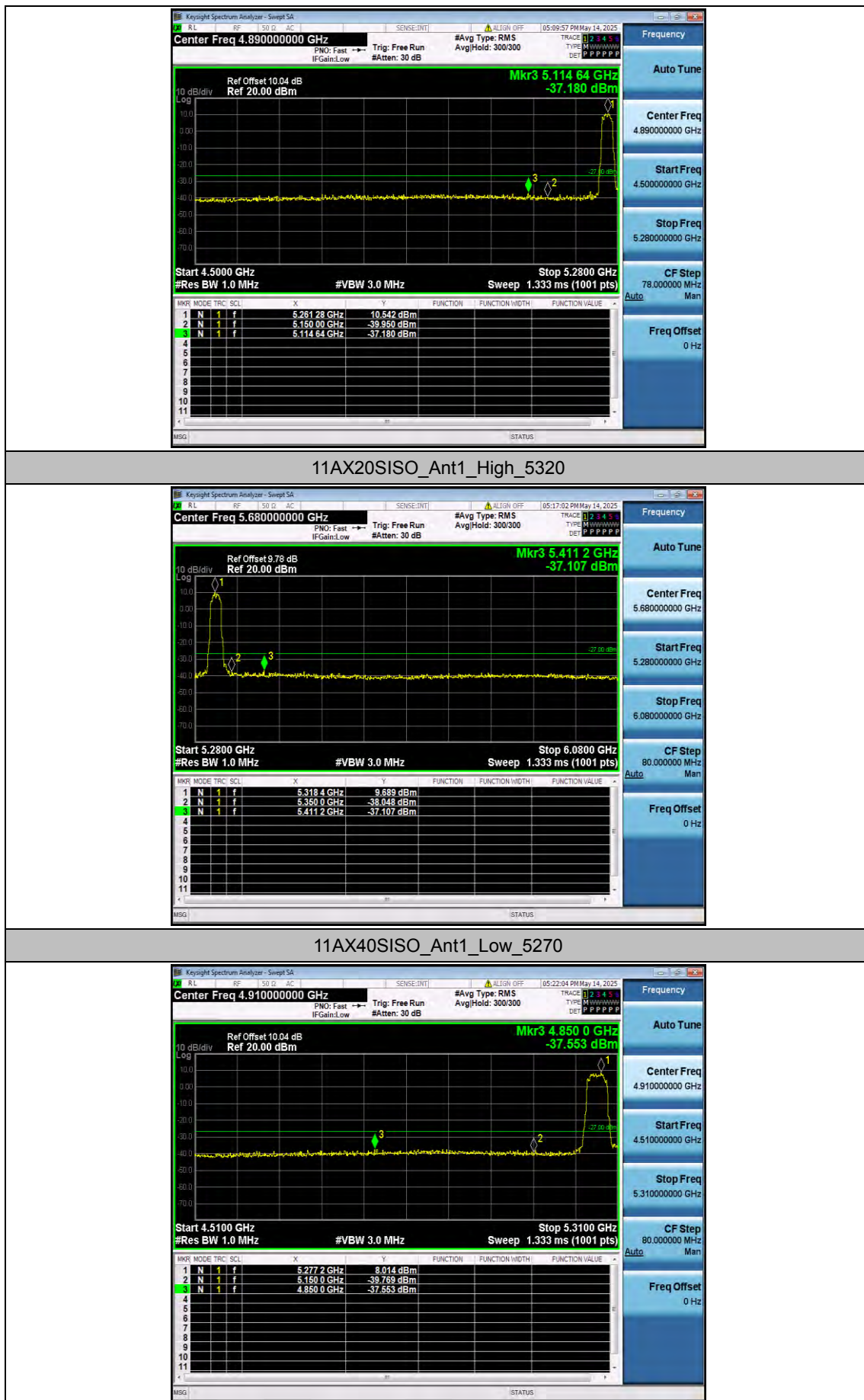
## 11AC80SISO\_Ant1\_Low\_5290

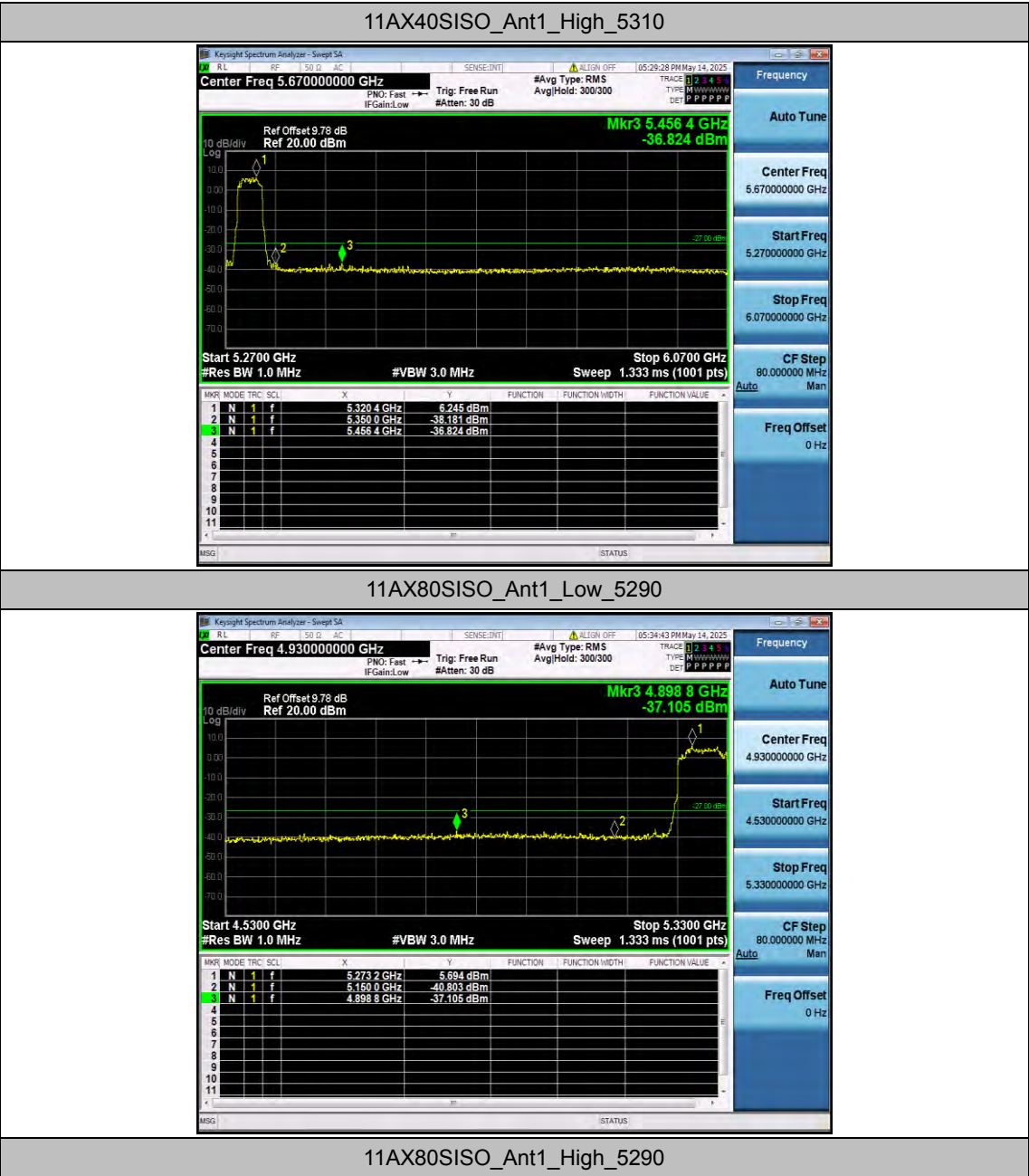


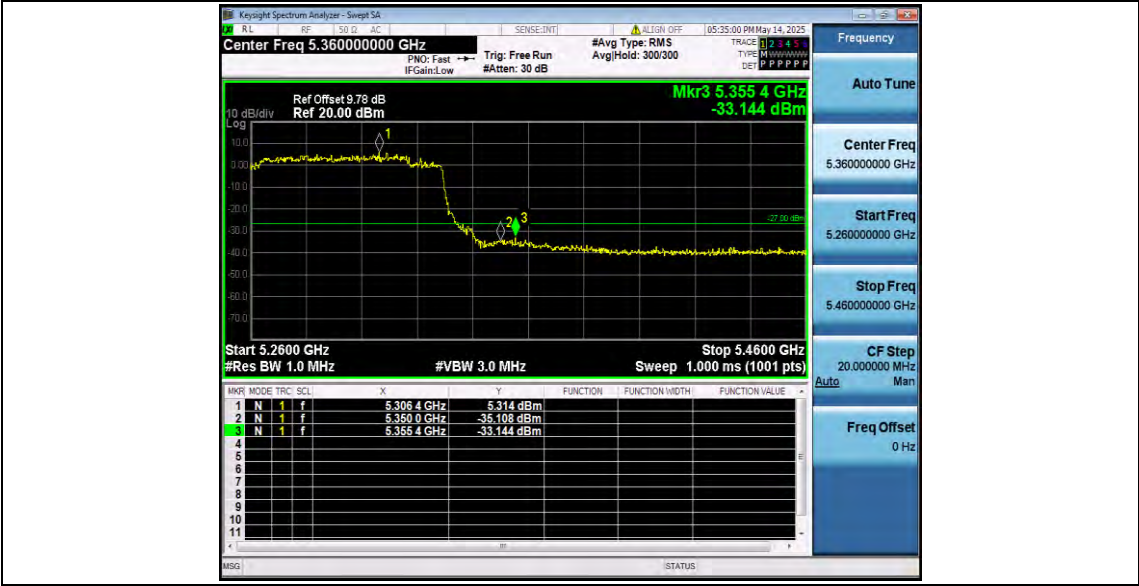
## 11AC80SISO\_Ant1\_High\_5290



## 11AX20SISO\_Ant1\_Low\_5260







## Appendix C.7: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5260      | 30~5140         | 5027.92        | -44.28           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26586.68       | -36.27           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 5116.83        | -45.04           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24138.47       | -37.09           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 3067.38        | -45.43           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24233.69       | -37.59           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5260      | 30~5140         | 5120.75        | -44.39           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24271.2        | -37.15           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 2636.27        | -45.64           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24212.05       | -37.63           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 5075.27        | -45.96           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24815.08       | -37.32           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5270      | 30~5140         | 5056.88        | -45.41           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26507.33       | -37.65           | ≤-27        | PASS    |
|            |         | 5310      | 30~5140         | 4973.58        | -46.05           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25278.18       | -37.54           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5260      | 30~5140         | 5123.65        | -45.28           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24344.05       | -37.49           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 5057.56        | -45.55           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26641.5        | -37.18           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 5039.5         | -46.14           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24337.56       | -37.71           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5270      | 30~5140         | 5072.55        | -45.84           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24364.97       | -37.23           | ≤-27        | PASS    |
|            |         | 5310      | 30~5140         | 5137.79        | -45.8            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25285.39       | -37.75           | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5290      | 30~5140         | 5129.95        | -44.84           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26118.53       | -37.64           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5260      | 30~5140         | 5099.8         | -44.59           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24266.15       | -36.42           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 5108.49        | -45.55           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24278.41       | -36.49           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 5070.16        | -46.5            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24247.39       | -37.31           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5270      | 30~5140         | 5074.76        | -45.05           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24299.33       | -36.2            | ≤-27        | PASS    |

|            |      |      |            |          |        |            |      |
|------------|------|------|------------|----------|--------|------------|------|
|            |      | 5310 | 30~5140    | 5060.8   | -46.08 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 24795.61 | -37.38 | $\leq -27$ | PASS |
| 11AX80SISO | Ant1 | 5290 | 30~5140    | 5042.74  | -45.48 | $\leq -27$ | PASS |
|            |      |      | 5360~27000 | 5360     | -37.27 | $\leq -27$ | PASS |

## Test Graphs

11A\_Ant1\_5260\_30~5140



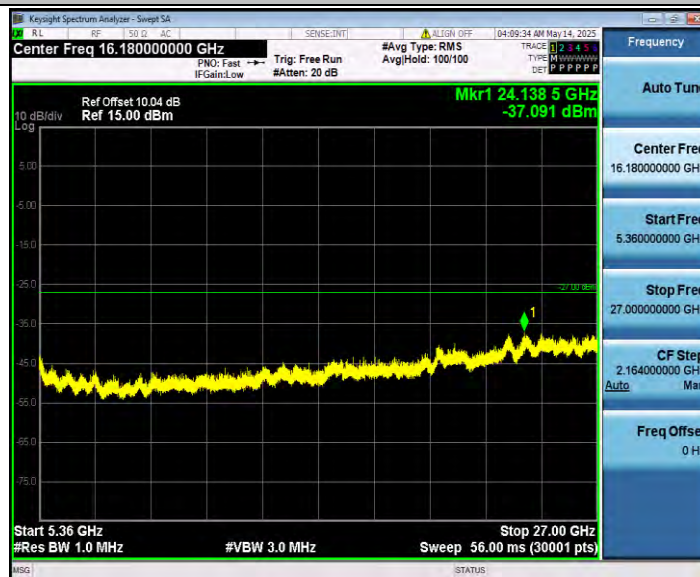
11A\_Ant1\_5260\_5360~27000



11A\_Ant1\_5280\_30~5140



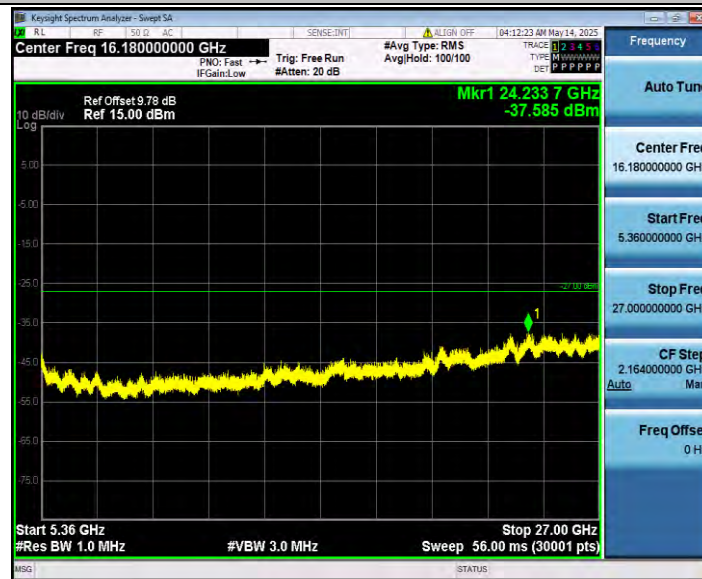
11A\_Ant1\_5280\_5360~27000



11A\_Ant1\_5320\_30~5140



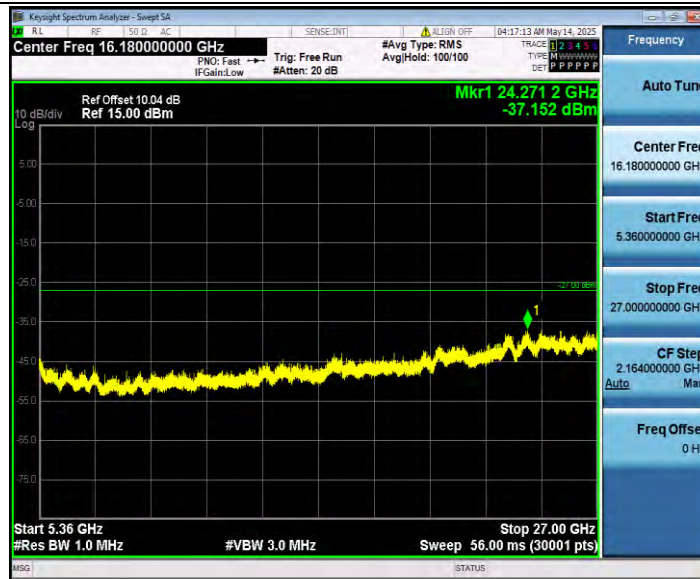
## 11A\_Ant1\_5320\_5360~27000



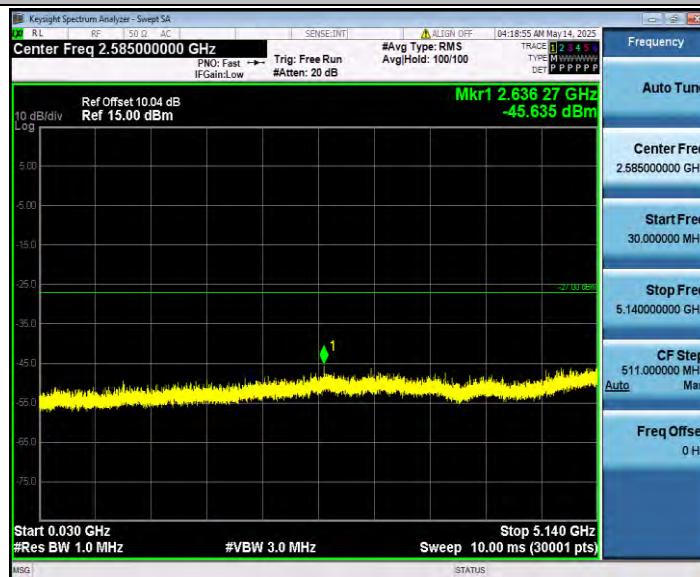
## 11N20SISO\_Ant1\_5260\_30~5140



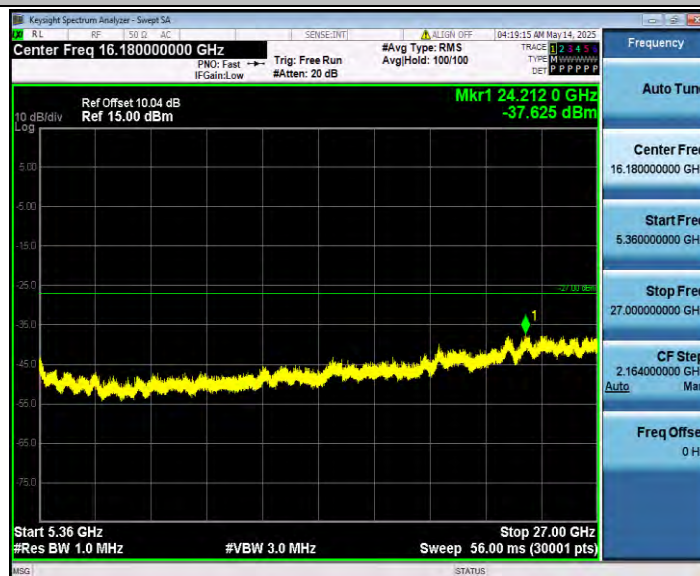
## 11N20SISO\_Ant1\_5260\_5360~27000



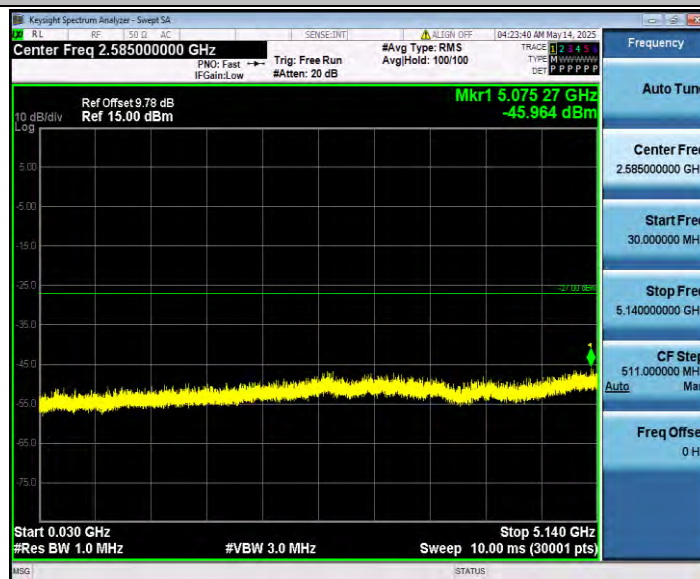
11N20SISO\_Ant1\_5280\_30~5140



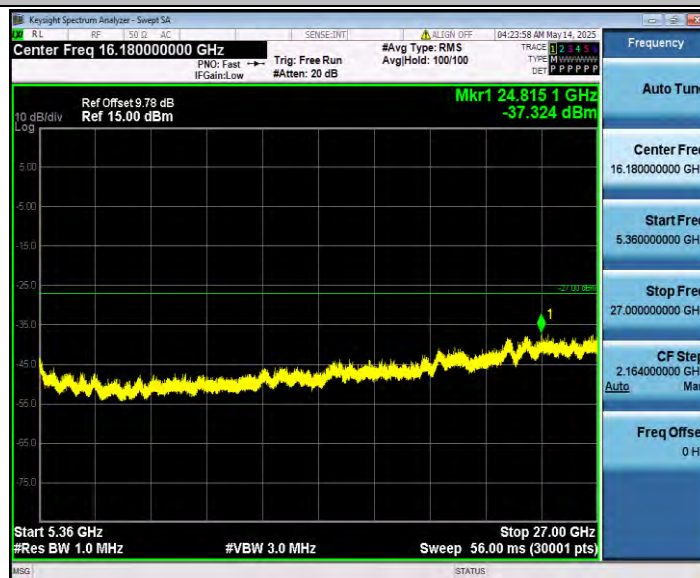
11N20SISO\_Ant1\_5280\_5360~27000



## 11N20SISO\_Ant1\_5320\_30~5140



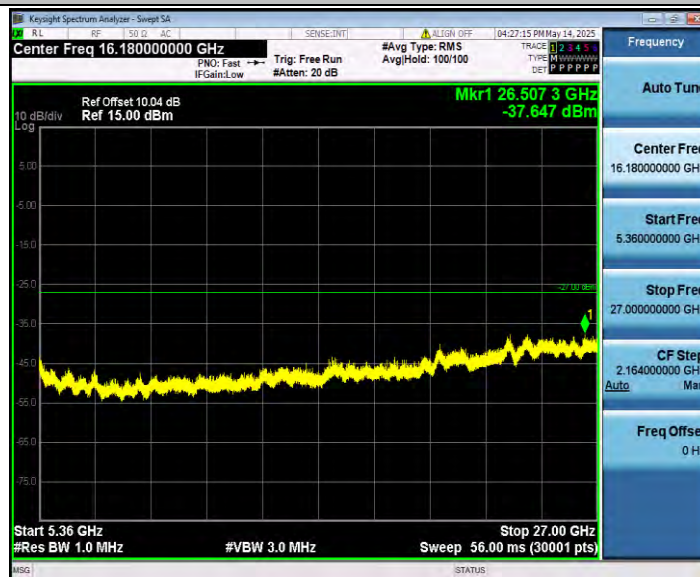
## 11N20SISO\_Ant1\_5320\_5360~27000



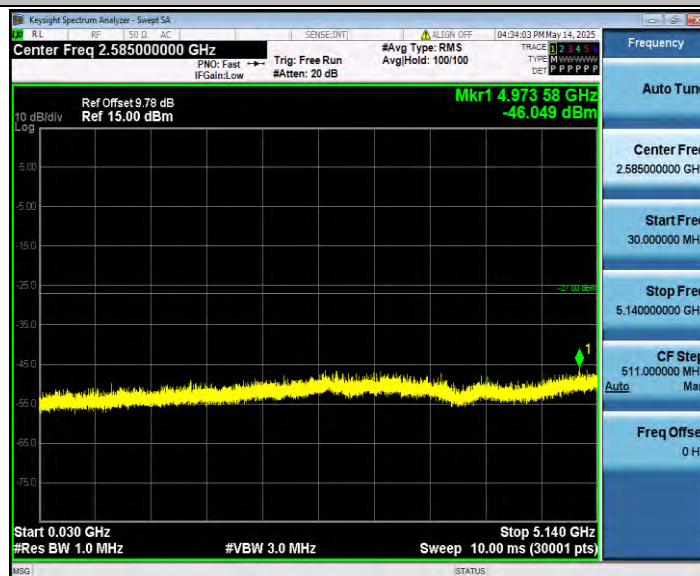
## 11N40SISO\_Ant1\_5270\_30~5140



11N40SISO\_Ant1\_5270\_5360~27000



11N40SISO\_Ant1\_5310\_30~5140



## 11N40SISO\_Ant1\_5310\_5360~27000



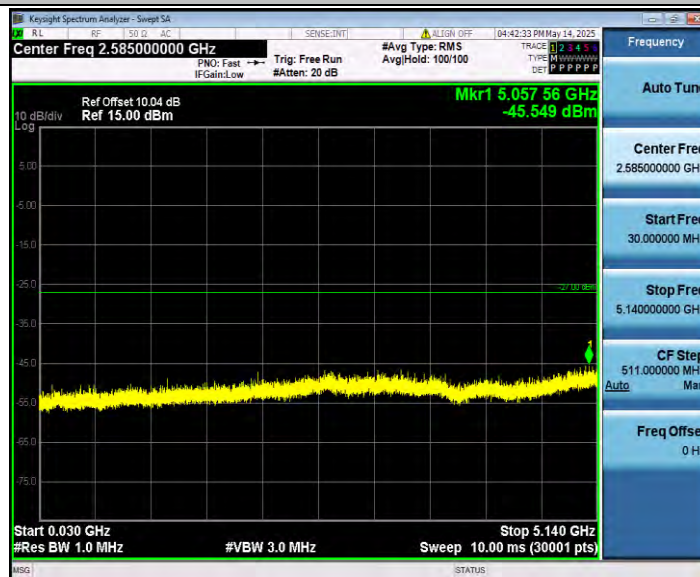
## 11AC20SISO\_Ant1\_5260\_30~5140



## 11AC20SISO\_Ant1\_5260\_5360~27000



11AC20SISO\_Ant1\_5280\_30~5140



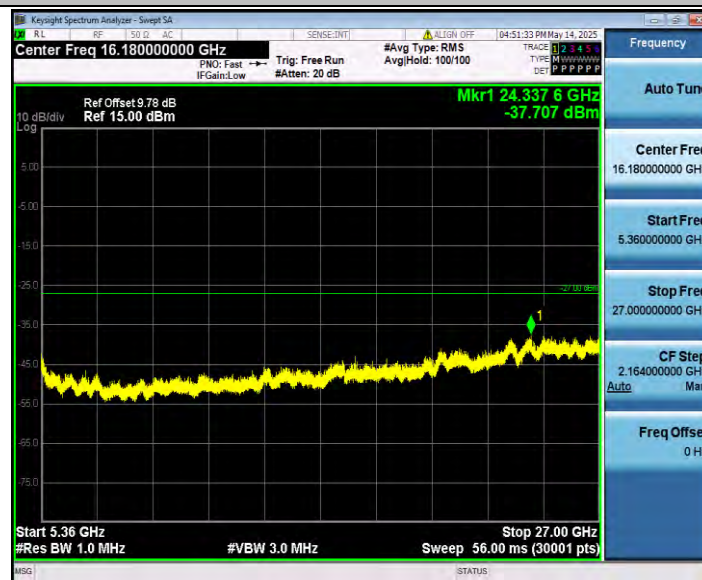
11AC20SISO\_Ant1\_5280\_5360~27000



## 11AC20SISO\_Ant1\_5320\_30~5140



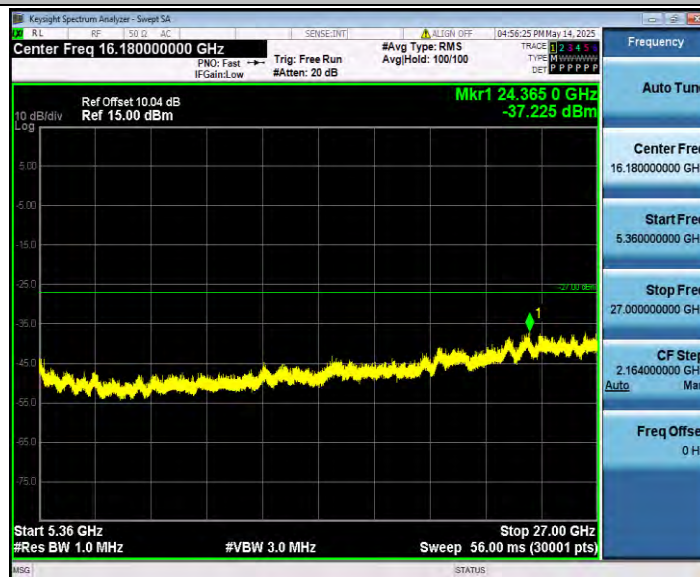
## 11AC20SISO\_Ant1\_5320\_5360~27000



## 11AC40SISO\_Ant1\_5270\_30~5140



11AC40SISO\_Ant1\_5270\_5360~27000



11AC40SISO\_Ant1\_5310\_30~5140



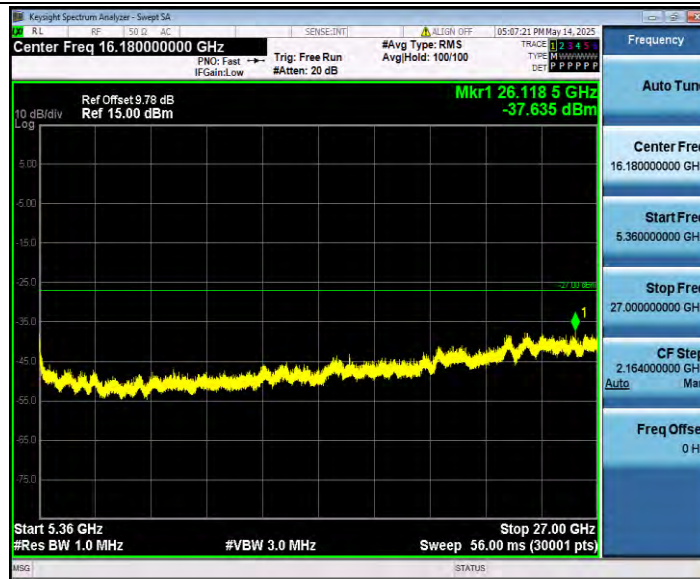
## 11AC40SISO\_Ant1\_5310\_5360~27000



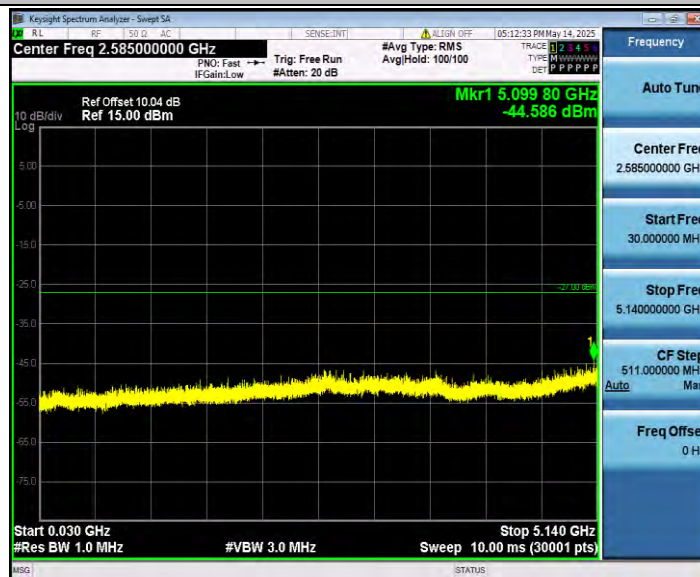
## 11AC80SISO\_Ant1\_5290\_30~5140



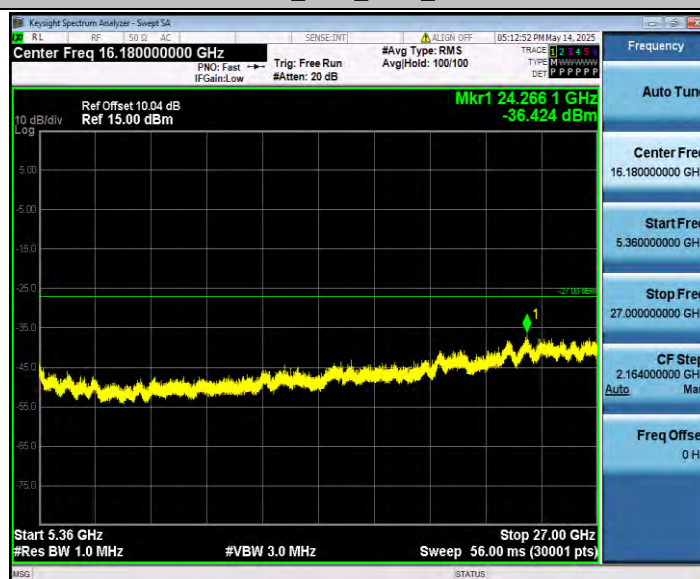
## 11AC80SISO\_Ant1\_5290\_5360~27000



11AX20SISO\_Ant1\_5260\_30~5140



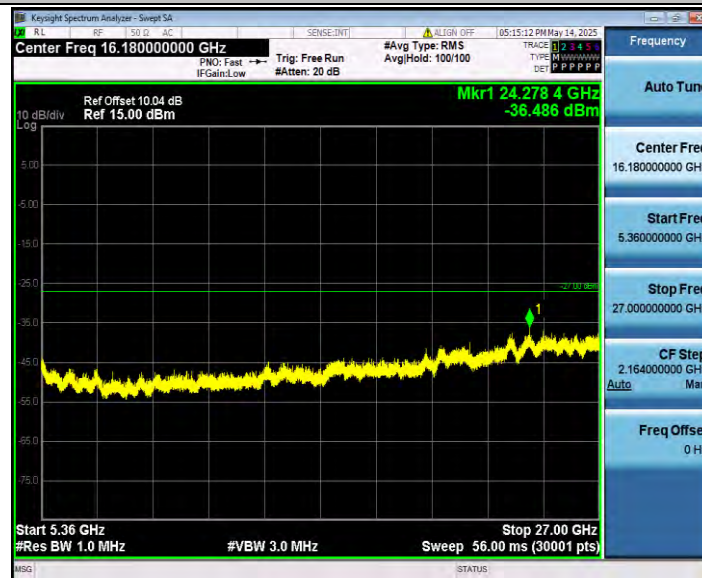
11AX20SISO\_Ant1\_5260\_5360~27000



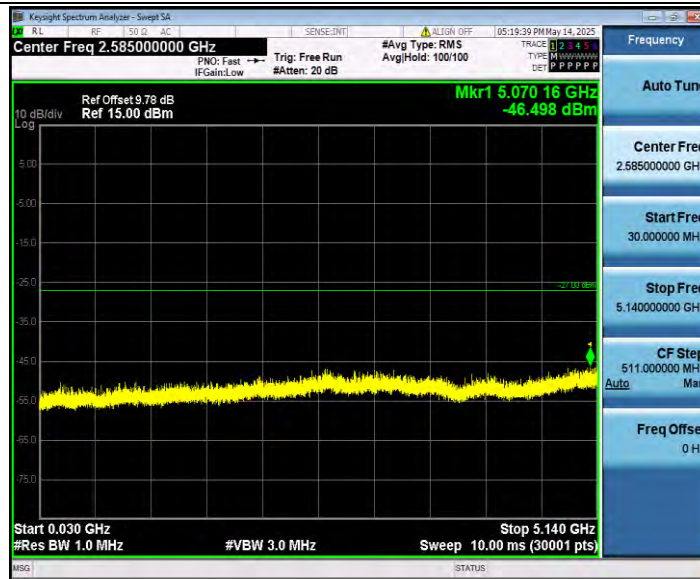
## 11AX20SISO\_Ant1\_5280\_30~5140



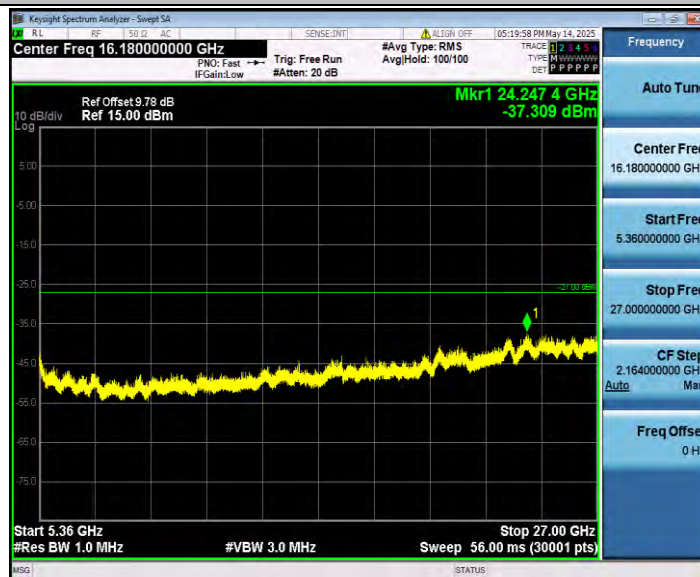
## 11AX20SISO\_Ant1\_5280\_5360~27000



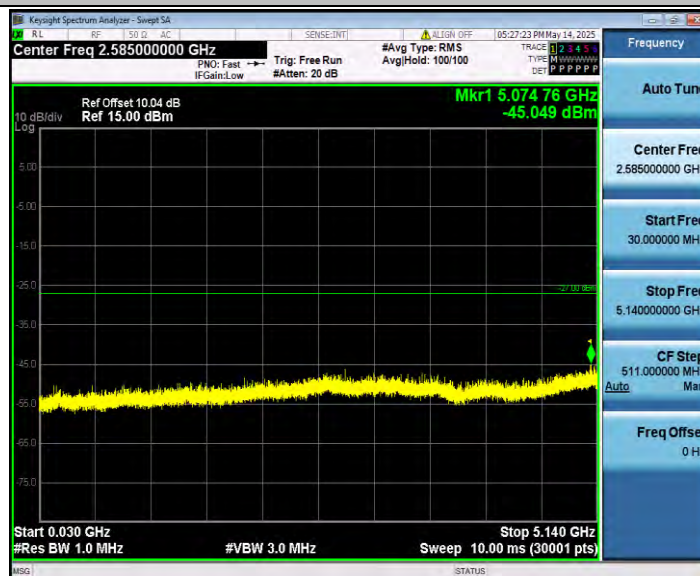
## 11AX20SISO\_Ant1\_5320\_30~5140

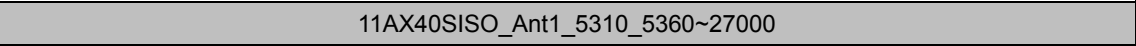
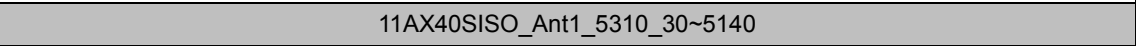


11AX20SISO\_Ant1\_5320\_5360~27000



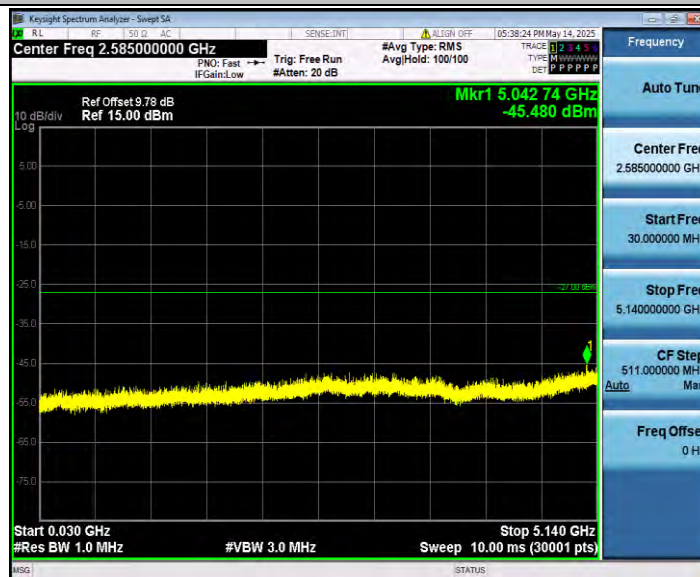
11AX40SISO\_Ant1\_5270\_30~5140







11AX80SISO\_Ant1\_5290\_30~5140



11AX80SISO\_Ant1\_5290\_5360~27000

