

## Appendix D.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Frequency[ MHz] | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant2    | 5180            | 11.53               | 96.31          | 0.16            | 11.69        | ≤23.98      | PASS    |
|            |         | 5200            | 11.68               | 95.85          | 0.18            | 11.86        | ≤23.98      | PASS    |
|            |         | 5240            | 11.06               | 95.87          | 0.18            | 11.24        | ≤23.98      | PASS    |
| 11N20SISO  | Ant2    | 5180            | 11.34               | 98.88          | 0.05            | 11.39        | ≤23.98      | PASS    |
|            |         | 5200            | 11.78               | 98.88          | 0.05            | 11.83        | ≤23.98      | PASS    |
|            |         | 5240            | 11.04               | 98.88          | 0.05            | 11.09        | ≤23.98      | PASS    |
| 11N40SISO  | Ant2    | 5190            | 12.41               | 98.88          | 0.05            | 12.46        | ≤23.98      | PASS    |
|            |         | 5230            | 10.56               | 98.88          | 0.05            | 10.61        | ≤23.98      | PASS    |
| 11AC20SISO | Ant2    | 5180            | 11.28               | 99.00          | 0.04            | 11.32        | ≤23.98      | PASS    |
|            |         | 5200            | 11.84               | 99.00          | 0.04            | 11.88        | ≤23.98      | PASS    |
|            |         | 5240            | 11.11               | 99.00          | 0.04            | 11.15        | ≤23.98      | PASS    |
| 11AC40SISO | Ant2    | 5190            | 12.57               | 98.88          | 0.05            | 12.62        | ≤23.98      | PASS    |
|            |         | 5230            | 10.73               | 99.00          | 0.04            | 10.77        | ≤23.98      | PASS    |
| 11AC80SISO | Ant2    | 5210            | 11.53               | 99.00          | 0.04            | 11.57        | ≤23.98      | PASS    |
| 11AX20SISO | Ant2    | 5180            | 10.90               | 99.01          | 0.04            | 10.94        | ≤23.98      | PASS    |
|            |         | 5200            | 11.27               | 98.88          | 0.05            | 11.32        | ≤23.98      | PASS    |
|            |         | 5240            | 11.22               | 98.88          | 0.05            | 11.27        | ≤23.98      | PASS    |
| 11AX40SISO | Ant2    | 5190            | 11.20               | 98.88          | 0.05            | 11.25        | ≤23.98      | PASS    |
|            |         | 5230            | 10.50               | 98.88          | 0.05            | 10.55        | ≤23.98      | PASS    |
| 11AX80SISO | Ant2    | 5210            | 11.31               | 98.88          | 0.05            | 11.36        | ≤23.98      | PASS    |

Note: The Duty Cycle Factor is compensated in the graph.

## Appendix D.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Frequency[MHz] | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|----------------|------------------|----------------|---------|
| 11A        | Ant2    | 5180           | 2.28             | ≤11.00         | PASS    |
|            |         | 5200           | 2.60             | ≤11.00         | PASS    |
|            |         | 5240           | 2.24             | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5180           | 1.80             | ≤11.00         | PASS    |
|            |         | 5200           | 1.67             | ≤11.00         | PASS    |
|            |         | 5240           | 2.04             | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5190           | 4.30             | ≤11.00         | PASS    |
|            |         | 5230           | 2.22             | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5180           | 1.52             | ≤11.00         | PASS    |
|            |         | 5200           | 2.60             | ≤11.00         | PASS    |
|            |         | 5240           | 2.13             | ≤11.00         | PASS    |
| 11AC40SISO | Ant2    | 5190           | 4.41             | ≤11.00         | PASS    |
|            |         | 5230           | 2.63             | ≤11.00         | PASS    |
| 11AC80SISO | Ant2    | 5210           | 0.78             | ≤11.00         | PASS    |
| 11AX20SISO | Ant2    | 5180           | 5.52             | ≤11.00         | PASS    |
|            |         | 5200           | 5.73             | ≤11.00         | PASS    |
|            |         | 5240           | 5.85             | ≤11.00         | PASS    |
| 11AX40SISO | Ant2    | 5190           | 4.72             | ≤11.00         | PASS    |
|            |         | 5230           | 3.95             | ≤11.00         | PASS    |
| 11AX80SISO | Ant2    | 5210           | 2.76             | ≤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\_Ant2\_5180



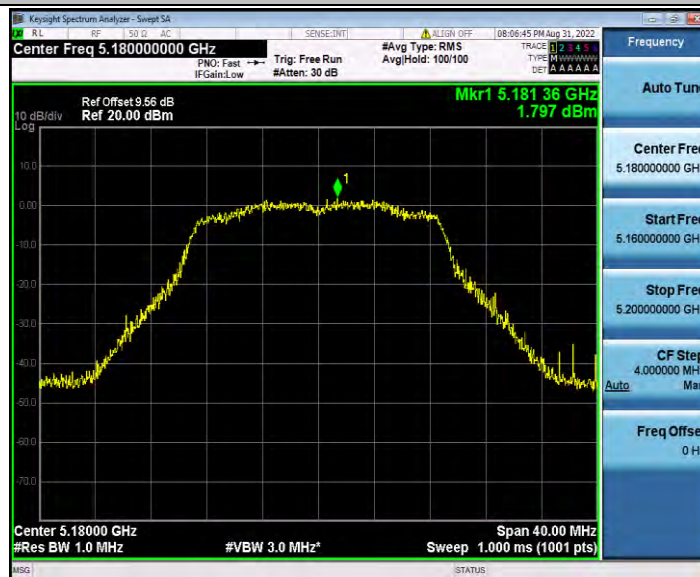
11A\_Ant2\_5200



11A\_Ant2\_5240



11N20SISO\_Ant2\_5180



11N20SISO\_Ant2\_5200



# 11N20SISO\_Ant2\_5240



# 11N40SISO\_Ant2\_5190



# 11N40SISO\_Ant2\_5230



11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant2\_5200



11AC20SISO\_Ant2\_5240



11AC40SISO\_Ant2\_5190



11AC40SISO\_Ant2\_5230



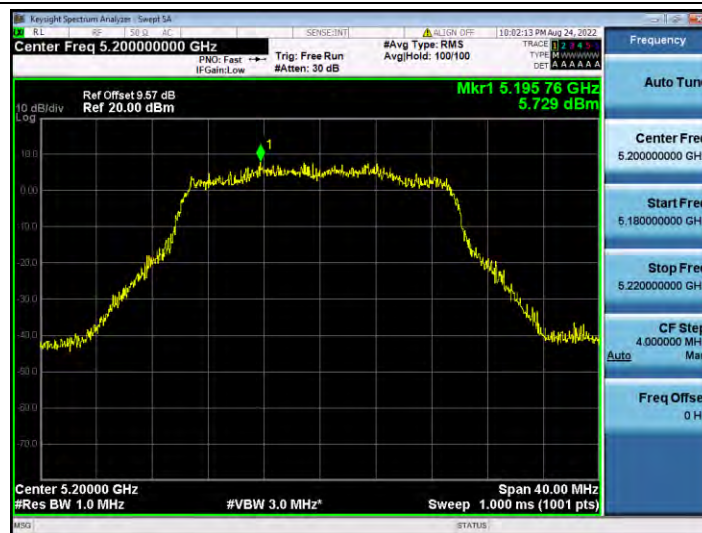
11AC80SISO\_Ant2\_5210



11AX20SISO\_Ant2\_5180



11AX20SISO\_Ant2\_5200



11AX20SISO\_Ant2\_5240



11AX40SISO\_Ant2\_5190



11AX40SISO\_Ant2\_5230



11AX80ISO\_Ant2\_5210



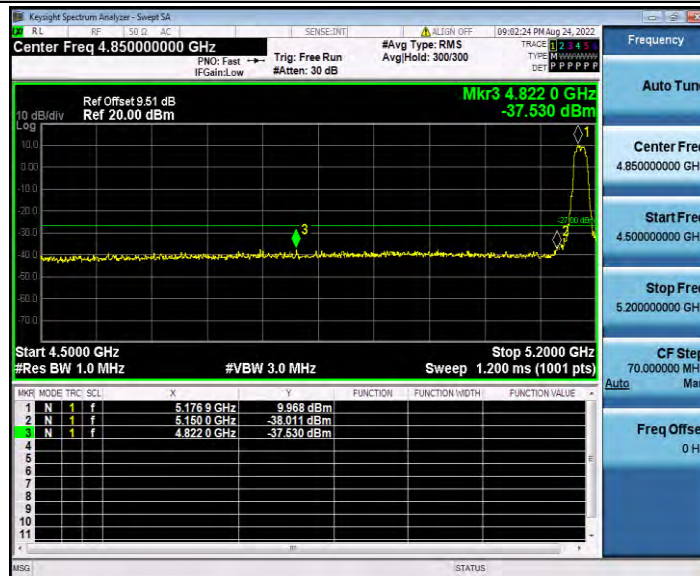
## Appendix D.6: Band edge measurements

### Test Result B1

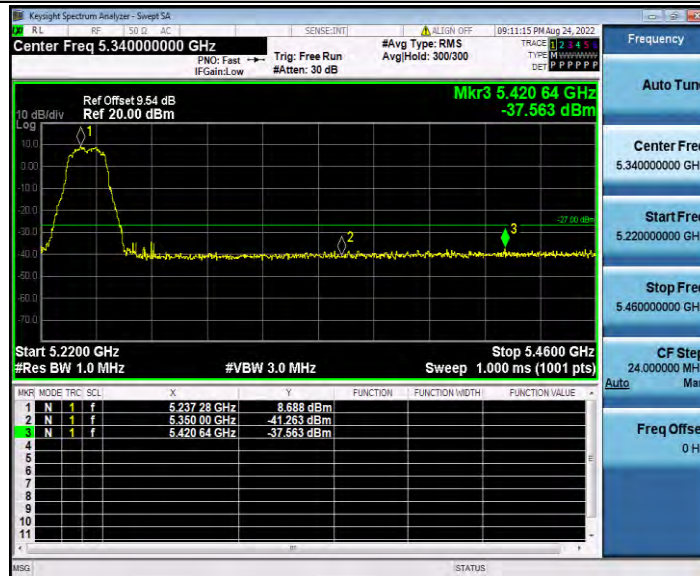
| TestMode   | Antenna | ChName | Frequency[MHz] | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|----------------|-------------|------------|---------|
| 11A        | Ant2    | Low    | 5180           | -37.53      | $\leq -27$ | PASS    |
|            |         | High   | 5240           | -37.56      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant2    | Low    | 5180           | -37.78      | $\leq -27$ | PASS    |
|            |         | High   | 5240           | -38.05      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant2    | Low    | 5190           | -32.3       | $\leq -27$ | PASS    |
|            |         | High   | 5230           | -38.47      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant2    | Low    | 5180           | -37.04      | $\leq -27$ | PASS    |
|            |         | High   | 5240           | -37.13      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant2    | Low    | 5190           | -32.96      | $\leq -27$ | PASS    |
|            |         | High   | 5230           | -37.99      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant2    | Low    | 5210           | -35.53      | $\leq -27$ | PASS    |
|            |         | High   | 5210           | -37.15      | $\leq -27$ | PASS    |
| 11AX20SISO | Ant2    | Low    | 5180           | -37.39      | $\leq -27$ | PASS    |
|            |         | High   | 5240           | -37.9       | $\leq -27$ | PASS    |
| 11AX40SISO | Ant2    | Low    | 5190           | -35.07      | $\leq -27$ | PASS    |
|            |         | High   | 5230           | -38.28      | $\leq -27$ | PASS    |
| 11AX80SISO | Ant2    | Low    | 5210           | -35.18      | $\leq -27$ | PASS    |
|            |         | High   | 5210           | -37.8       | $\leq -27$ | PASS    |

## Test Graphs B1

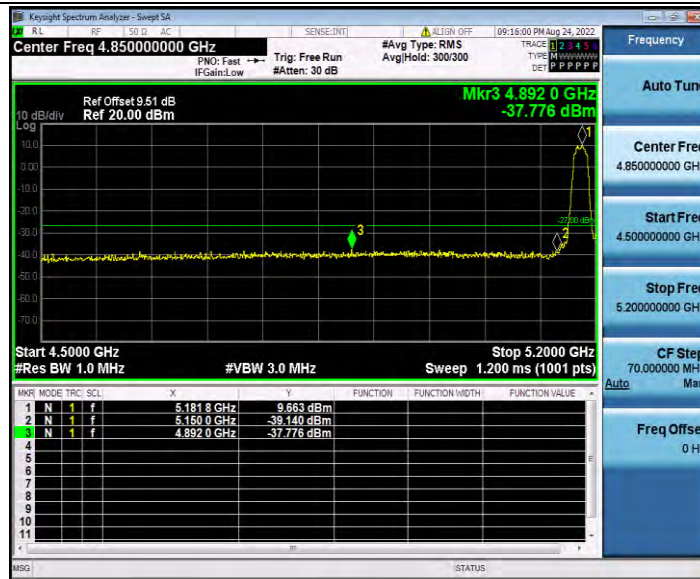
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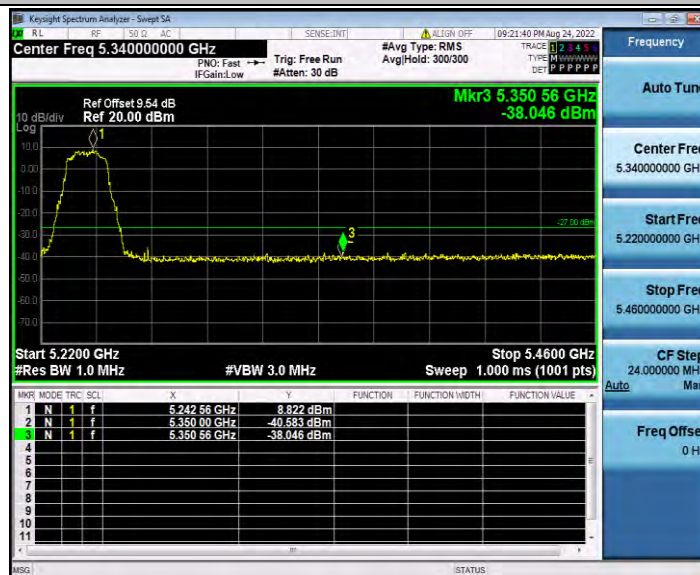
11A\_Ant2\_High\_5240



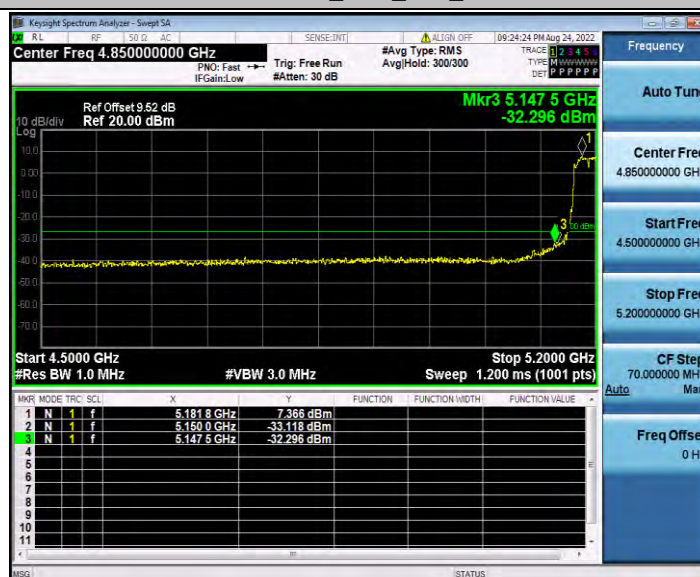
11N20SISO\_Ant2\_Low\_5180



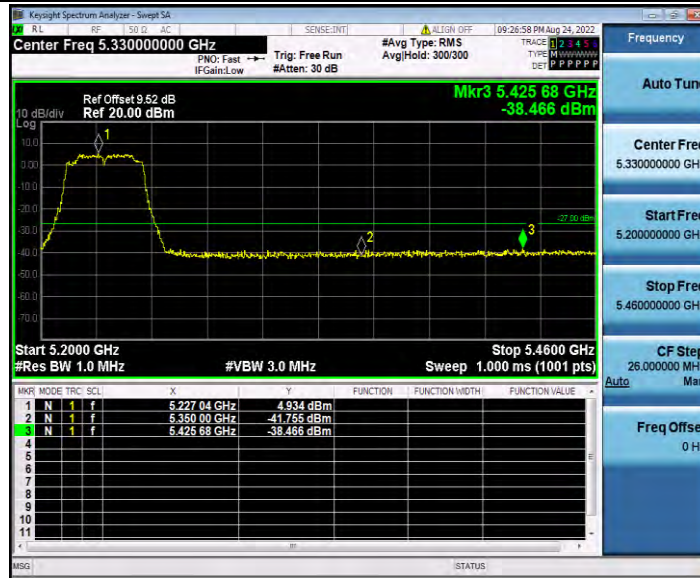
11N20SISO\_Ant2\_High\_5240



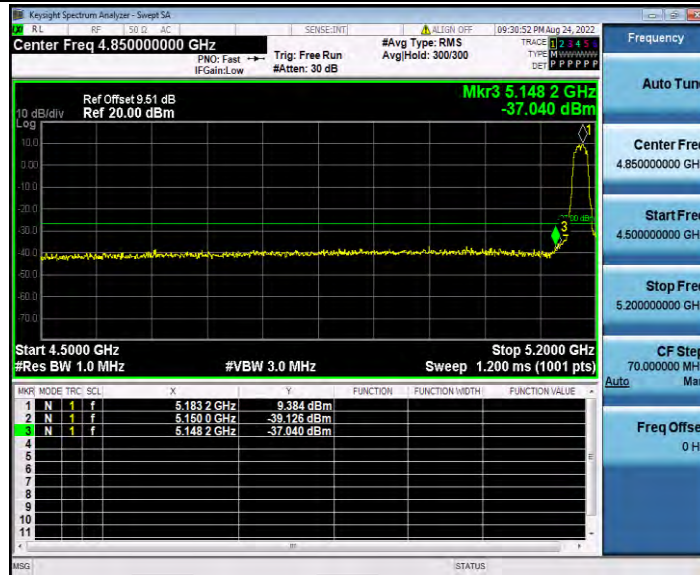
11N40SISO\_Ant2\_Low\_5190



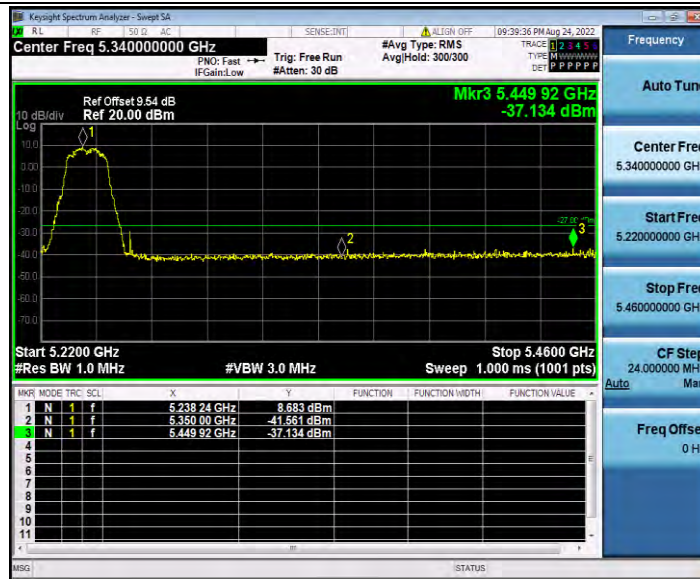
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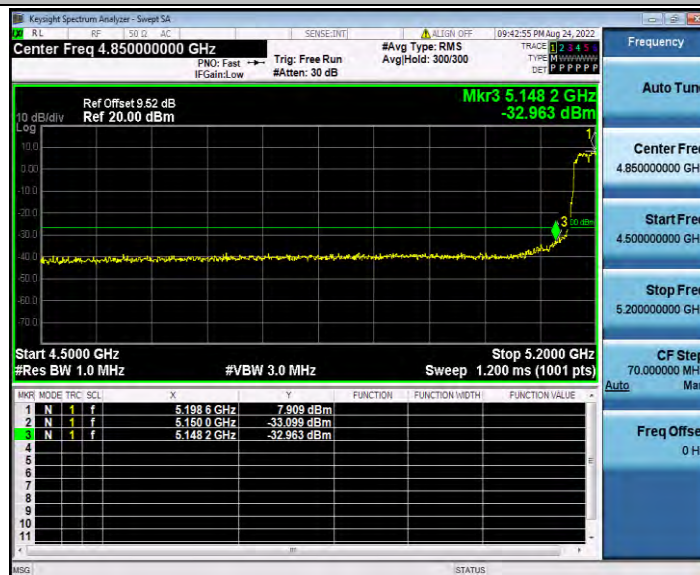
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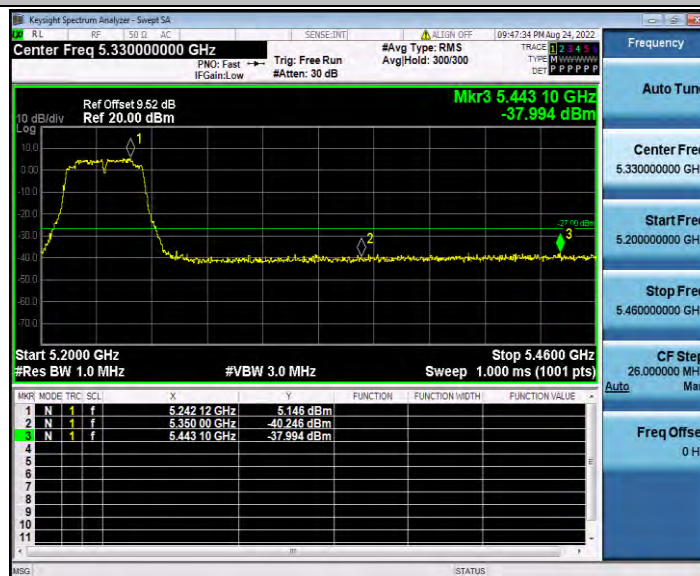
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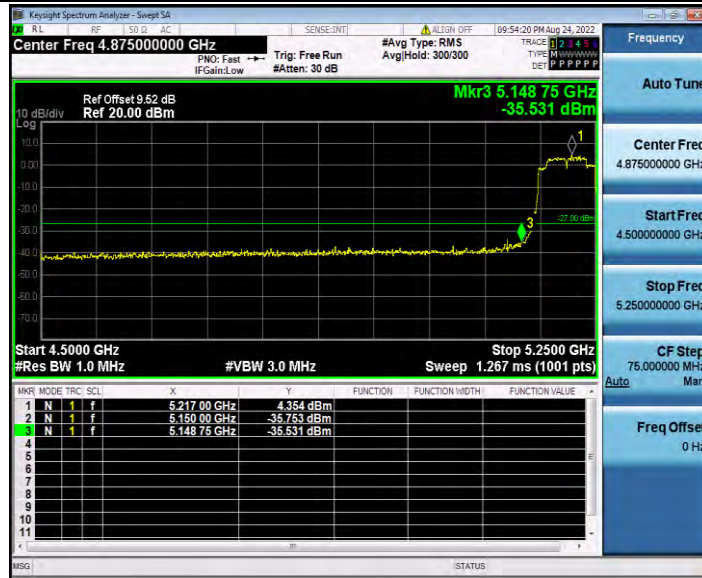
11AC40SISO\_Ant2\_Low\_5190



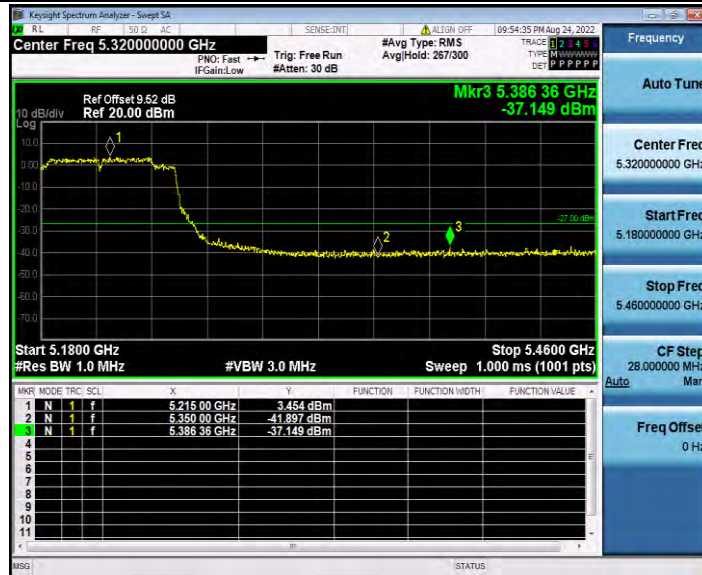
11AC40SISO\_Ant2\_High\_5230



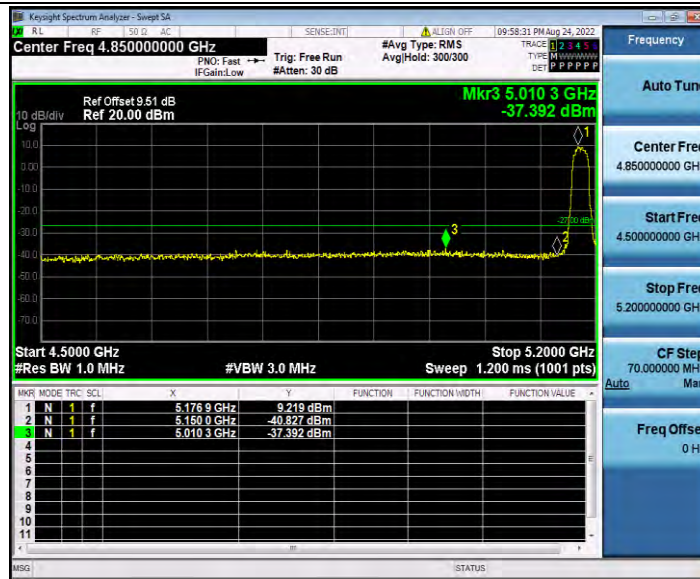
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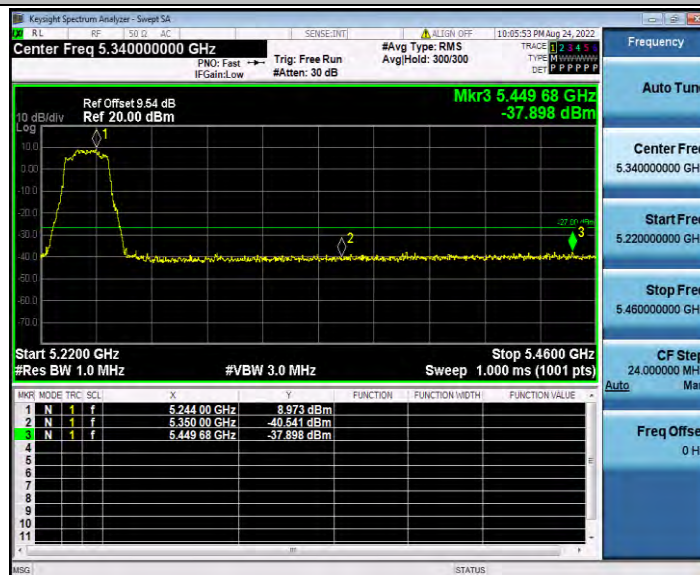
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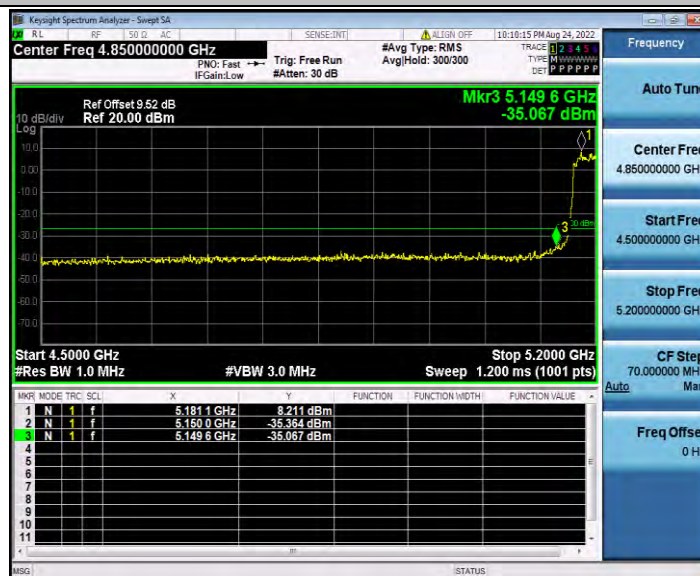
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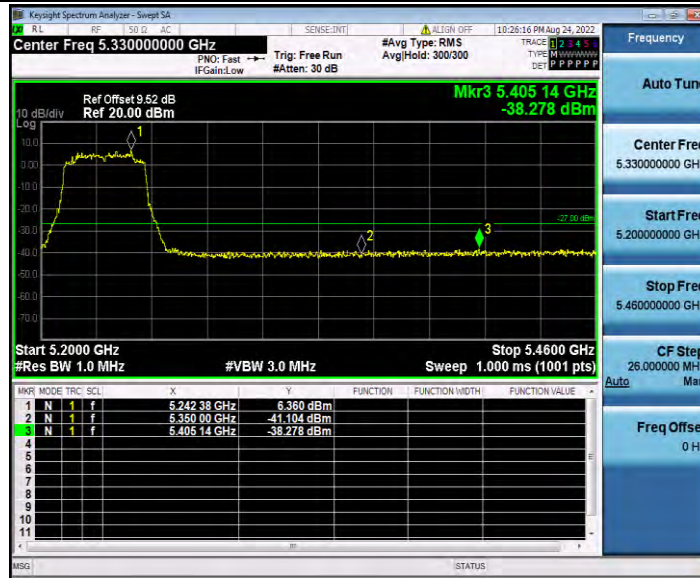
11AX20SISO\_Ant2\_High\_5240



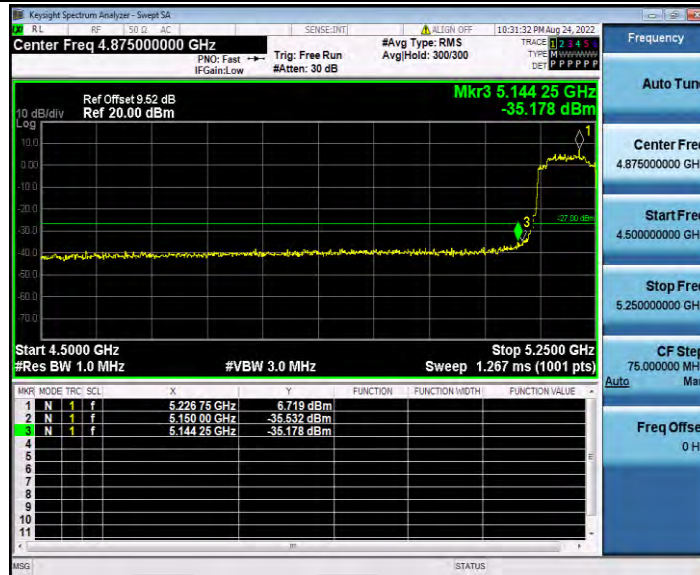
11AX40SISO\_Ant2\_Low\_5190



# 11AX40SISO\_Ant2\_High\_5230



# 11AX80SISO\_Ant2\_Low\_5210



# 11AX80SISO\_Ant2\_High\_5210



## Appendix D.7: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Frequency[MHz] | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant2    | 5180           | 30~5140         | 4907.15        | -46.56           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 26067.32       | -37.78           | ≤-27        | PASS    |
|            |         | 5200           | 30~5140         | 4973.93        | -47.04           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 26690.55       | -37.73           | ≤-27        | PASS    |
|            |         | 5240           | 30~5140         | 3011.17        | -46.89           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24205.55       | -37.9            | ≤-27        | PASS    |
| 11N20SISO  | Ant2    | 5180           | 30~5140         | 2716.67        | -47.26           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24278.41       | -37.59           | ≤-27        | PASS    |
|            |         | 5200           | 30~5140         | 5073.57        | -46.99           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24296.44       | -37.48           | ≤-27        | PASS    |
|            |         | 5240           | 30~5140         | 4952.97        | -46.9            | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24261.1        | -38.07           | ≤-27        | PASS    |
| 11N40SISO  | Ant2    | 5190           | 30~5140         | 5134.21        | -38.49           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24227.92       | -37.63           | ≤-27        | PASS    |
|            |         | 5230           | 30~5140         | 2662.67        | -46.94           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24142.8        | -37.79           | ≤-27        | PASS    |
| 11AC20SISO | Ant2    | 5180           | 30~5140         | 4824.03        | -46.7            | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 26481.36       | -38.17           | ≤-27        | PASS    |
|            |         | 5200           | 30~5140         | 5025.54        | -47.35           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24975.94       | -37.96           | ≤-27        | PASS    |
|            |         | 5240           | 30~5140         | 4987.21        | -47.14           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24170.93       | -38.03           | ≤-27        | PASS    |
| 11AC40SISO | Ant2    | 5190           | 30~5140         | 5138.47        | -37.64           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 23567.9        | -38.29           | ≤-27        | PASS    |
|            |         | 5230           | 30~5140         | 4876.84        | -47.68           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 26589.56       | -37.8            | ≤-27        | PASS    |
| 11AC80SISO | Ant2    | 5210           | 30~5140         | 5137.62        | -39.22           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24200.51       | -37.47           | ≤-27        | PASS    |
| 11AX20SISO | Ant2    | 5180           | 30~5140         | 2647.34        | -46.74           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 23567.17       | -38.03           | ≤-27        | PASS    |
|            |         | 5200           | 30~5140         | 5074.93        | -46.93           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 26056.5        | -38.1            | ≤-27        | PASS    |
|            |         | 5240           | 30~5140         | 5000.84        | -47.2            | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 24293.56       | -37.56           | ≤-27        | PASS    |
| 11AX40SISO | Ant2    | 5190           | 30~5140         | 5137.45        | -39.25           | ≤-27        | PASS    |
|            |         |                | 5360~40000      | 26497.95       | -37.4            | ≤-27        | PASS    |

|            |      |      |            |          |        |      |      |
|------------|------|------|------------|----------|--------|------|------|
|            |      | 5230 | 30~5140    | 5061.31  | -47.23 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 24292.11 | -37.93 | ≤-27 | PASS |
| 11AX80SISO | Ant2 | 5210 | 30~5140    | 5137.62  | -39.68 | ≤-27 | PASS |
|            |      |      | 5360~40000 | 24223.59 | -38.32 | ≤-27 | PASS |

## Test Graphs

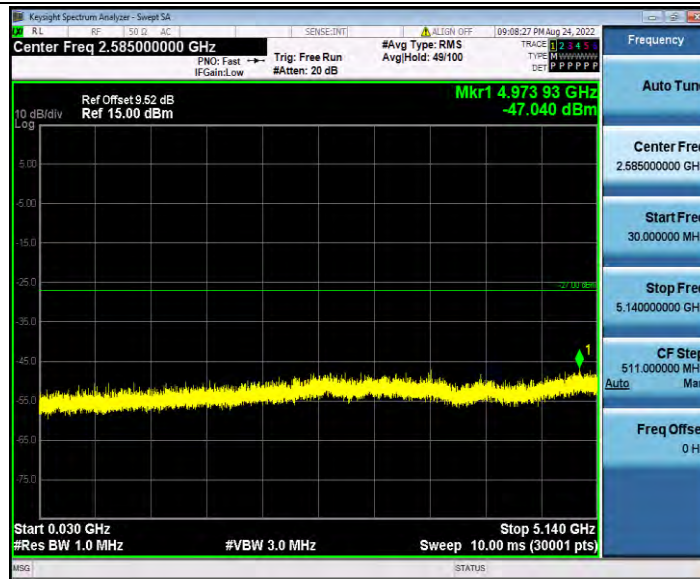
11A\_Ant2\_5180\_30~5140



11A\_Ant2\_5180\_5360~40000



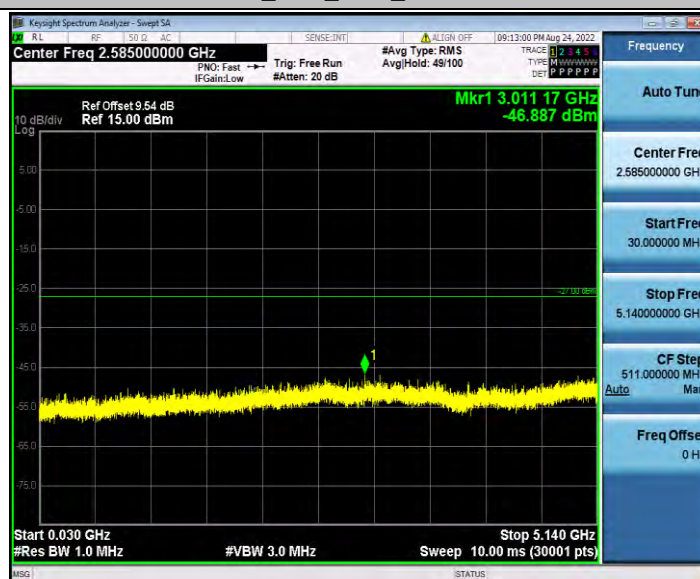
11A\_Ant2\_5200\_30~5140



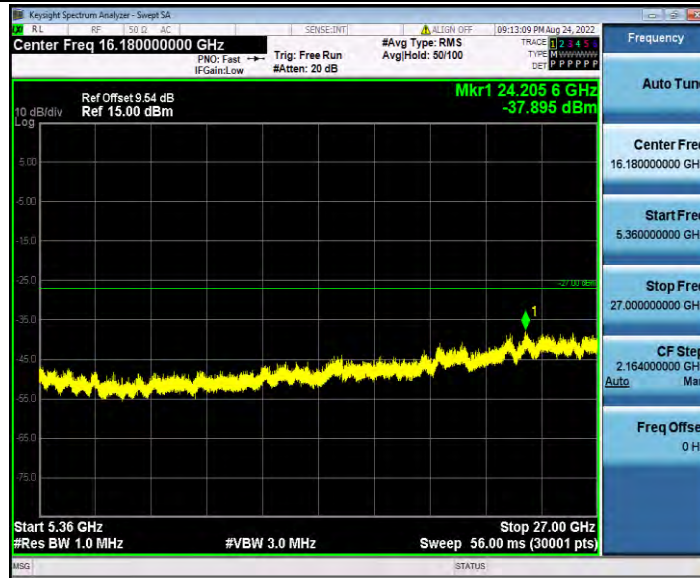
11A\_Ant2\_5200\_5360~40000



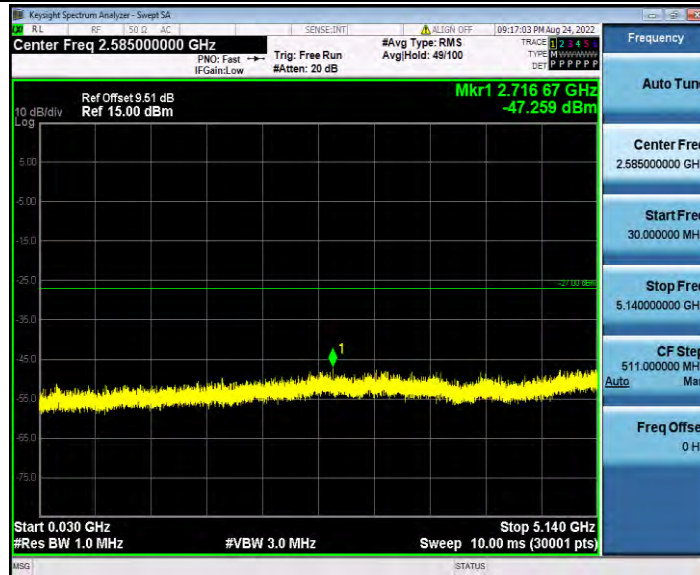
11A\_Ant2\_5240\_30~5140



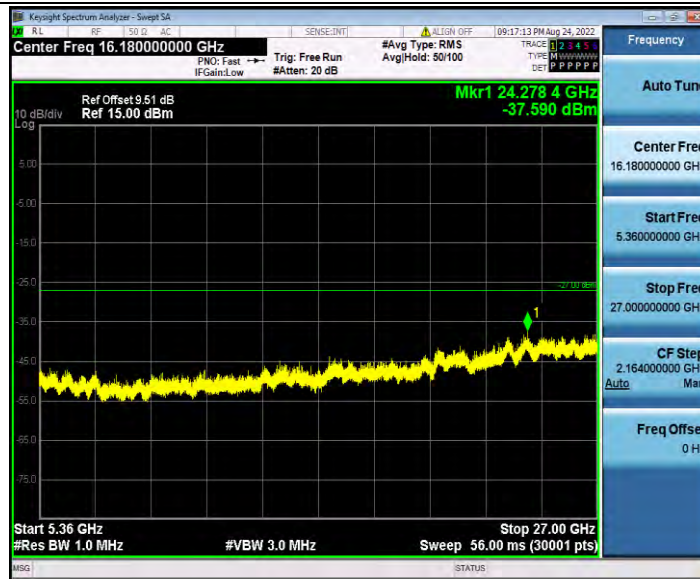
# 11A\_Ant2\_5240\_5360~40000



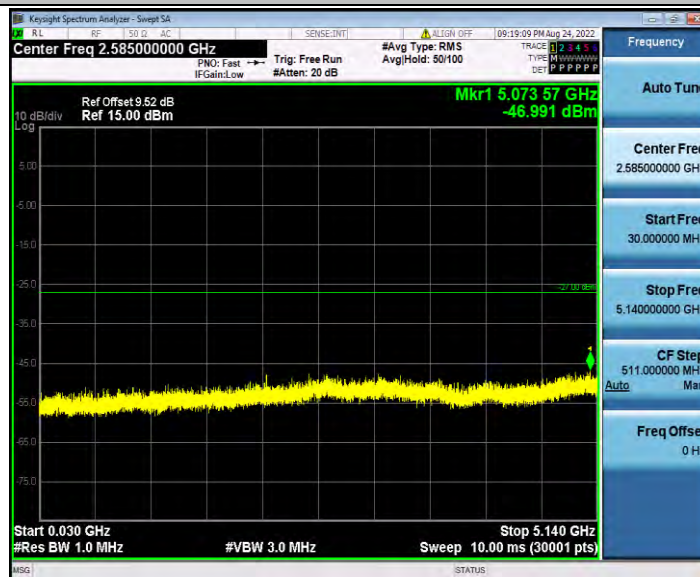
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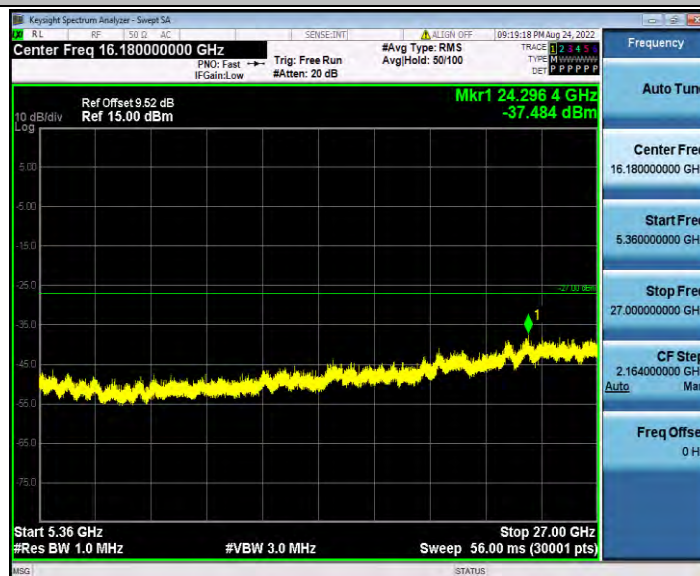
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11N20SISO\_Ant2\_5200\_30~5140



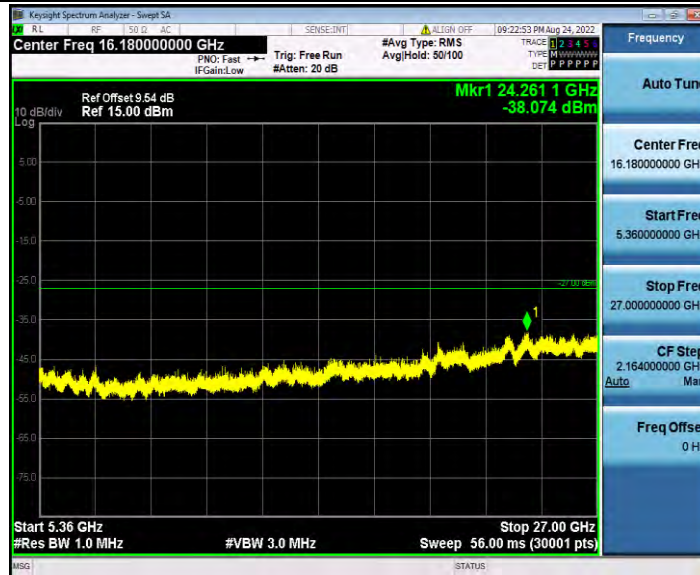
11N20SISO\_Ant2\_5200\_5360~40000



# 11N20SISO\_Ant2\_5240\_30~5140



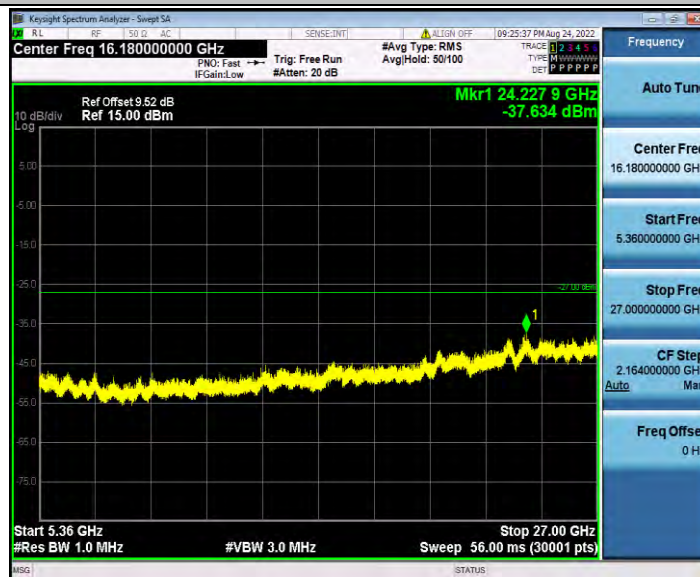
# 11N20SISO\_Ant2\_5240\_5360~40000



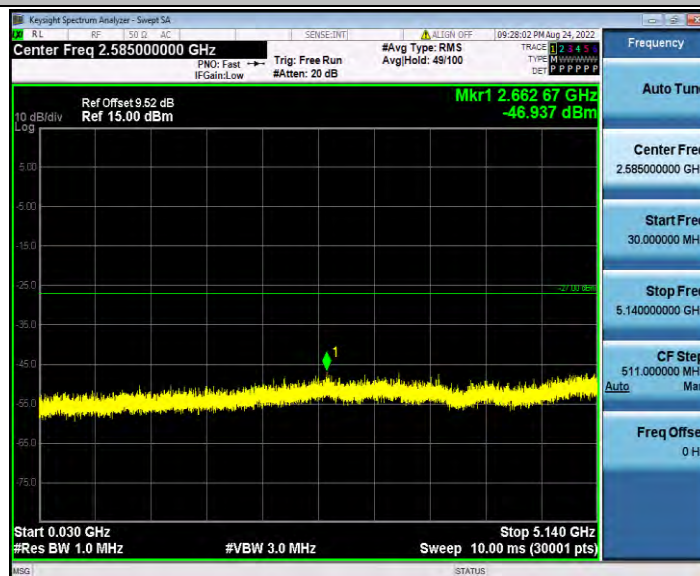
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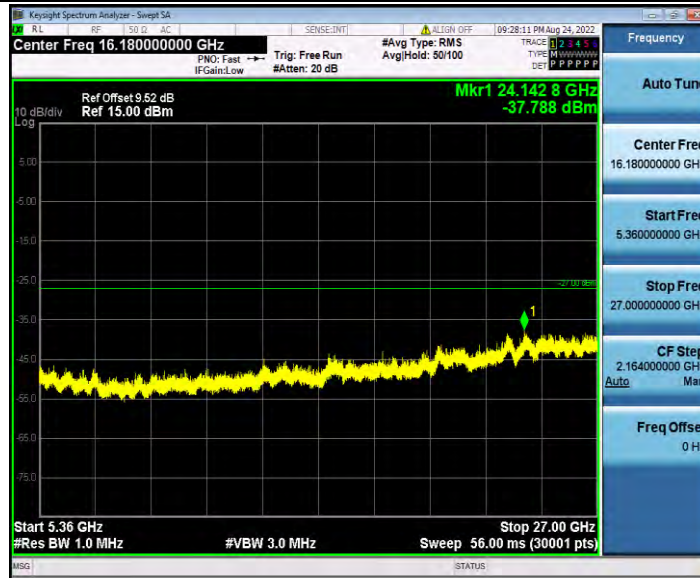
11N40SISO\_Ant2\_5190\_5360~40000



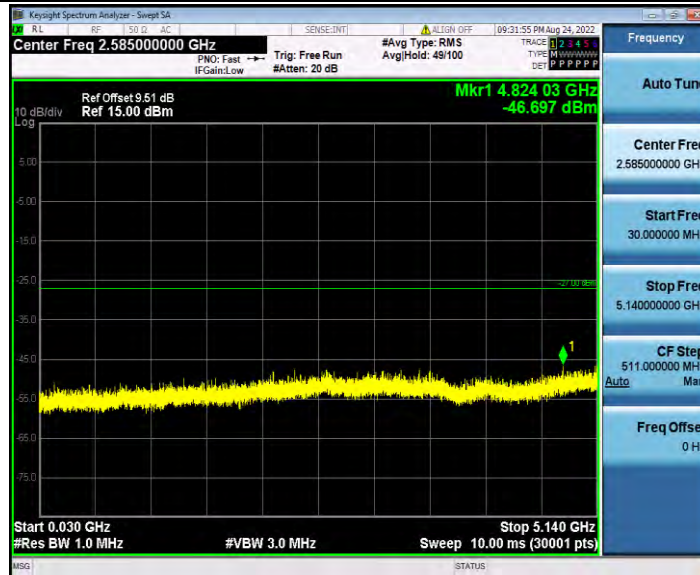
11N40SISO\_Ant2\_5230\_30~5140



# 11N40SISO\_Ant2\_5230\_5360~40000



# 11AC20SISO\_Ant2\_5180\_30~5140



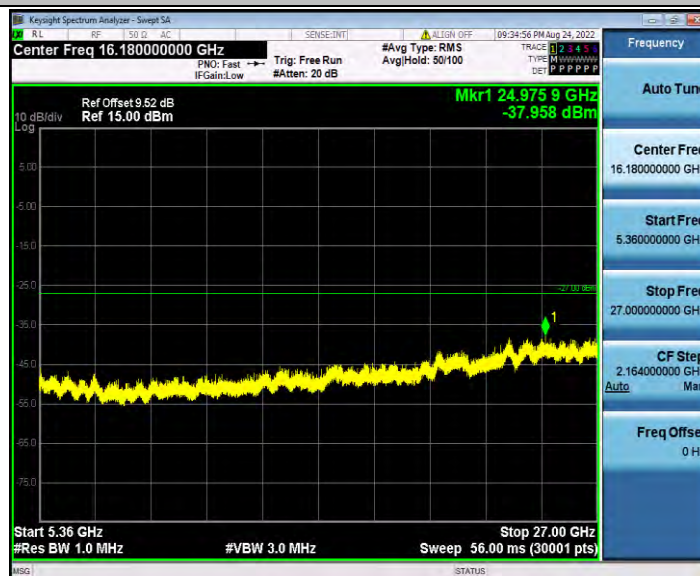
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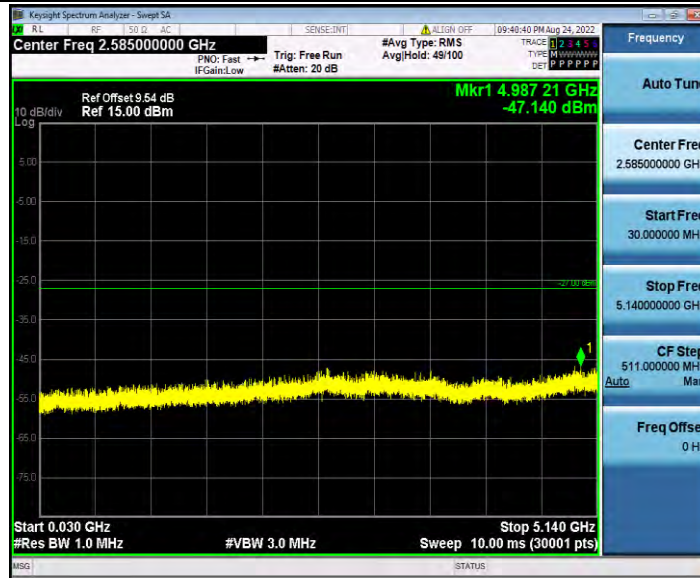
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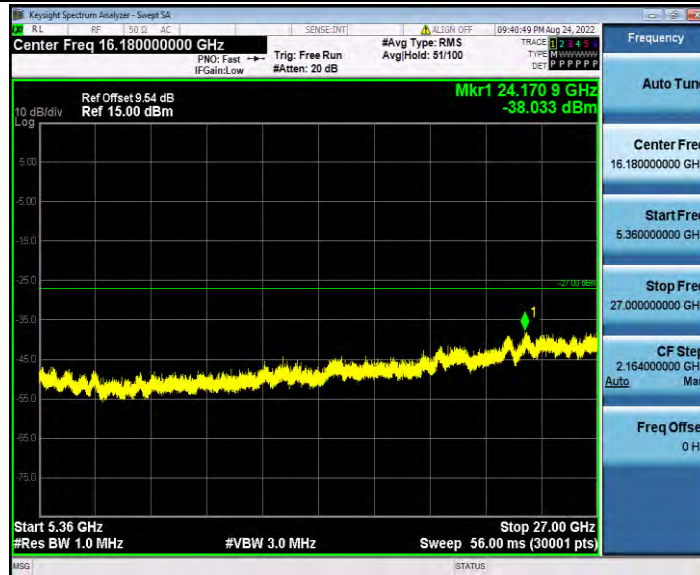
11AC20SISO\_Ant2\_5200\_5360~40000



# 11AC20SISO\_Ant2\_5240\_30~5140



# 11AC20SISO\_Ant2\_5240\_5360~40000



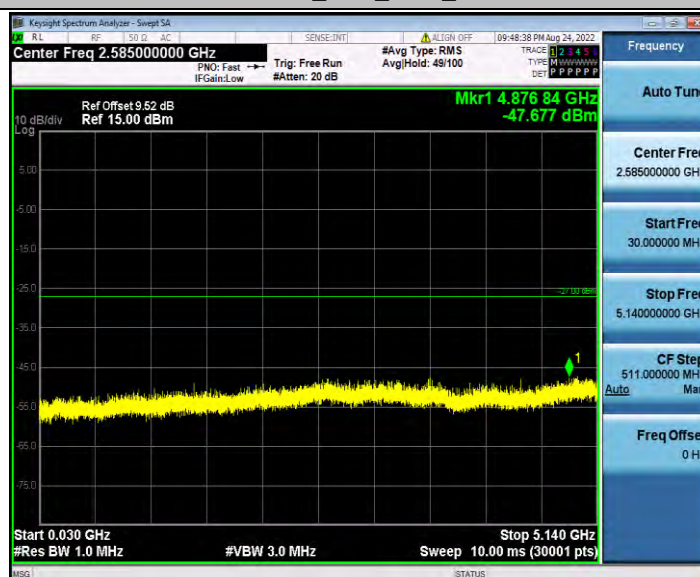
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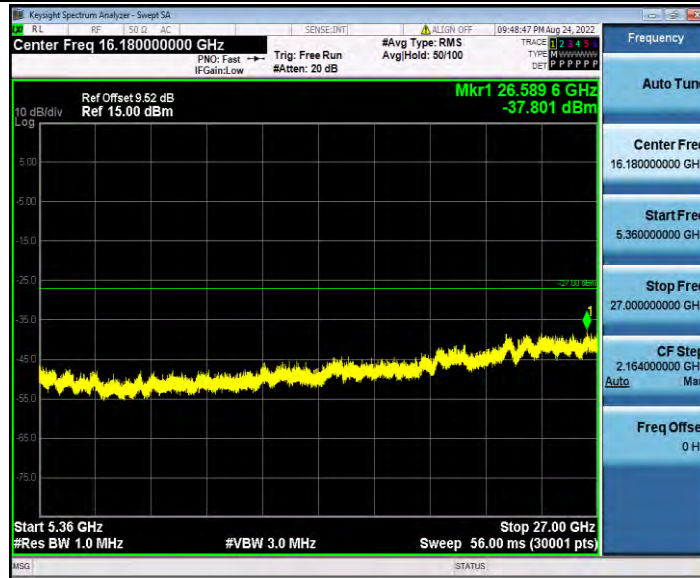
11AC40SISO\_Ant2\_5190\_5360~40000



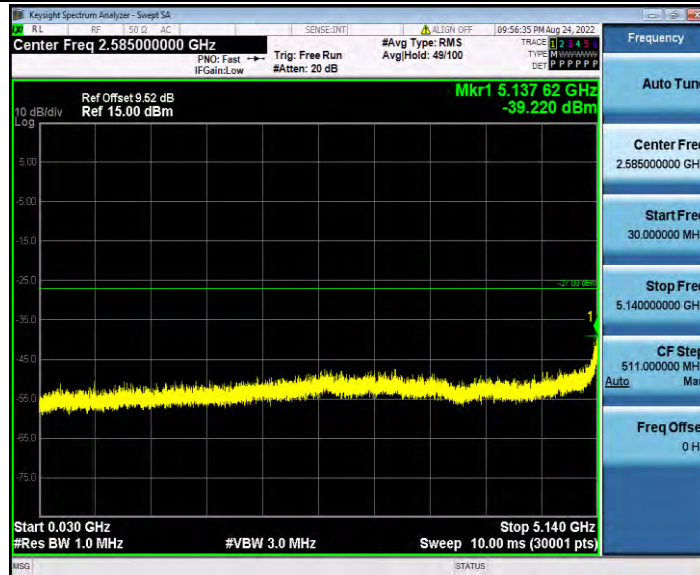
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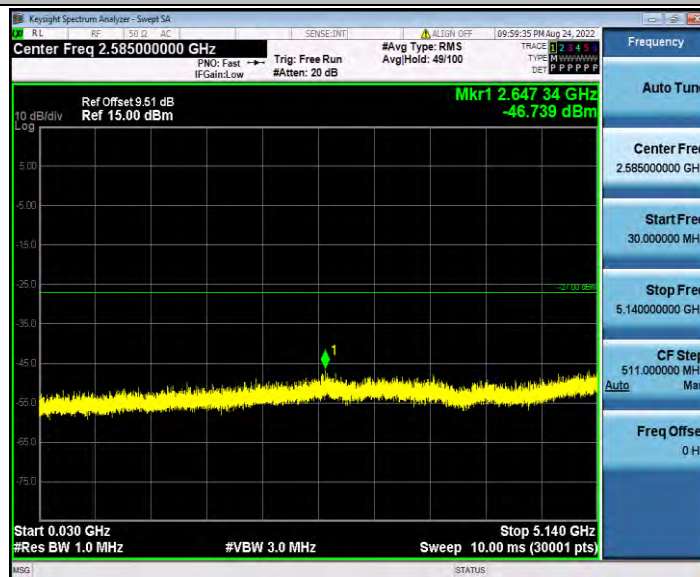
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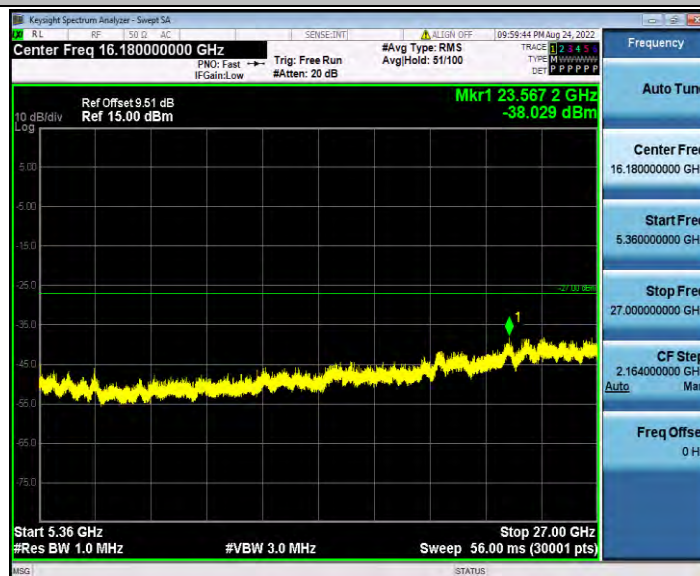
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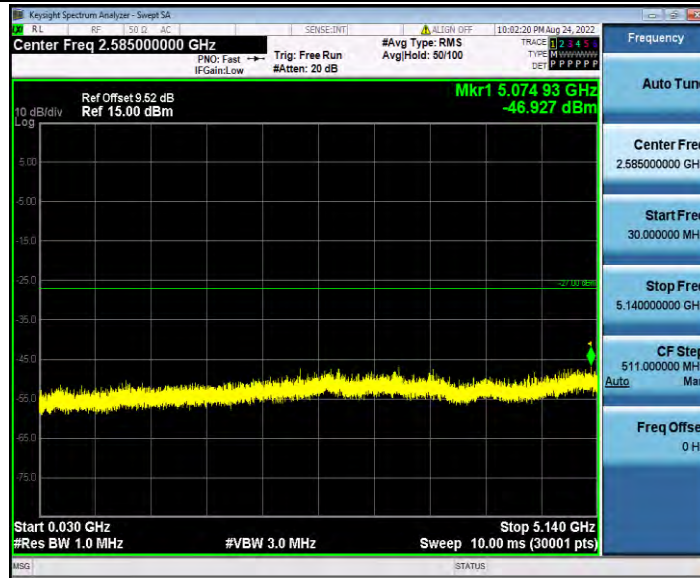
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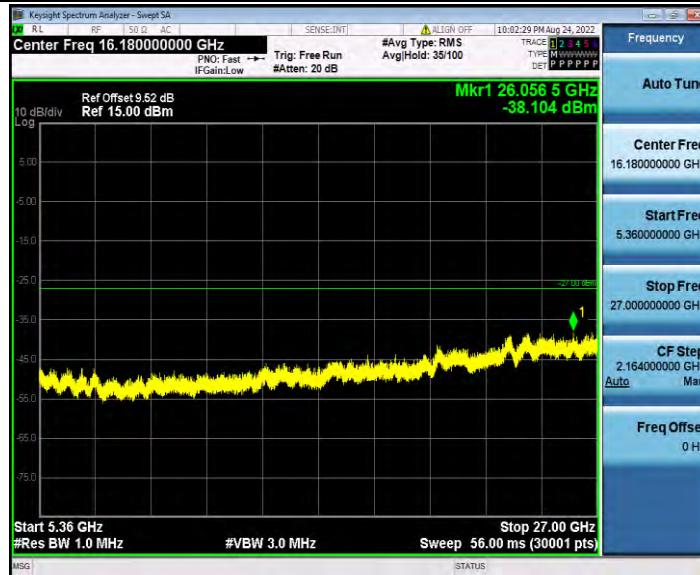
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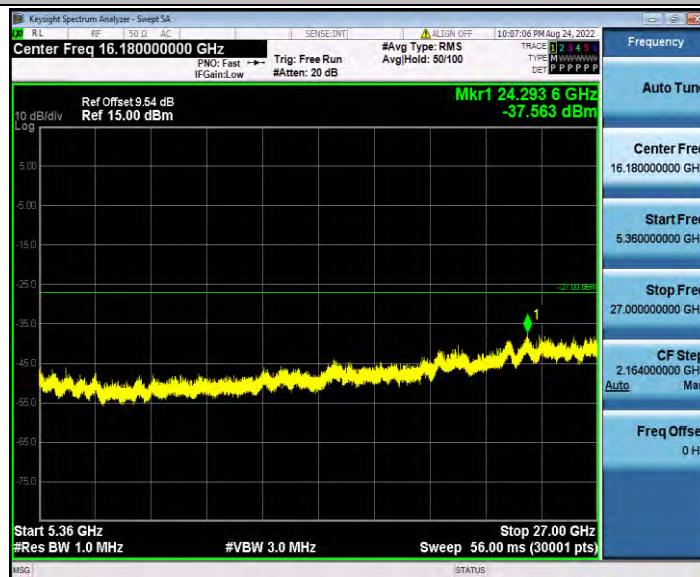
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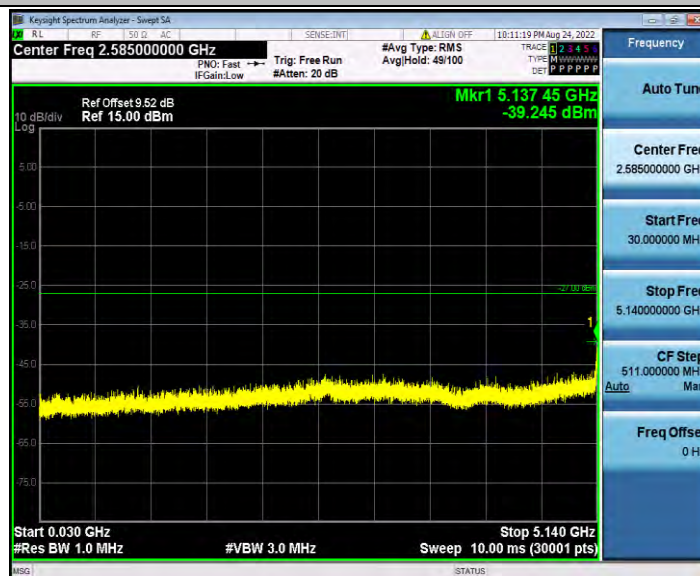
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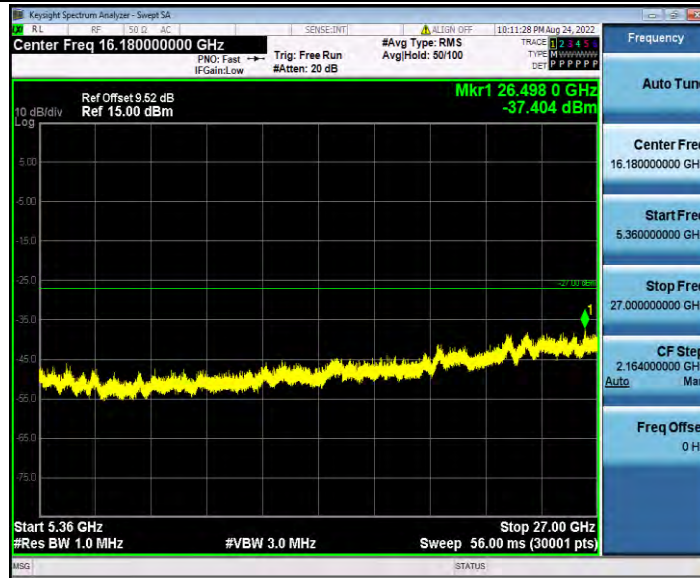
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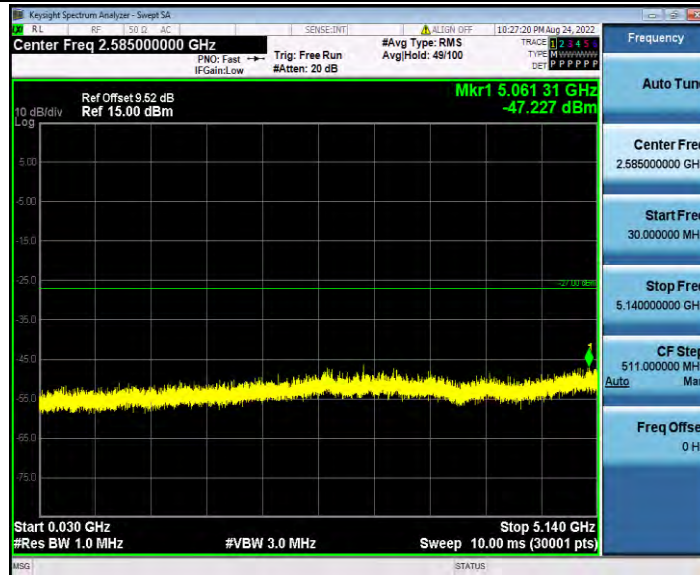
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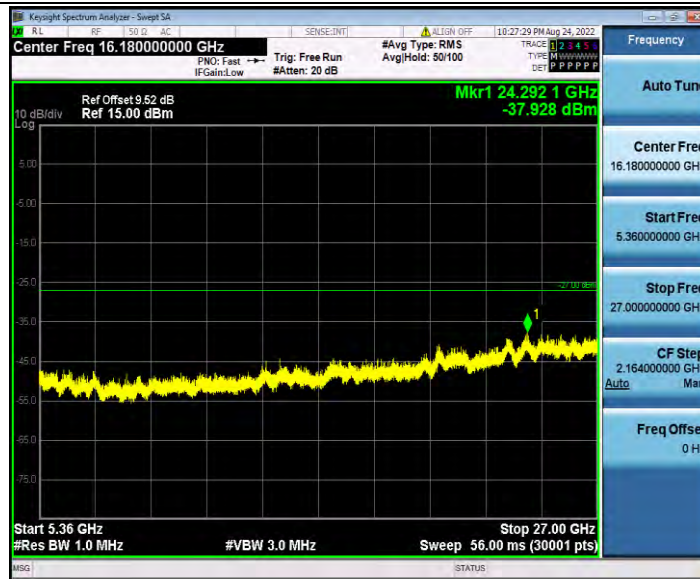
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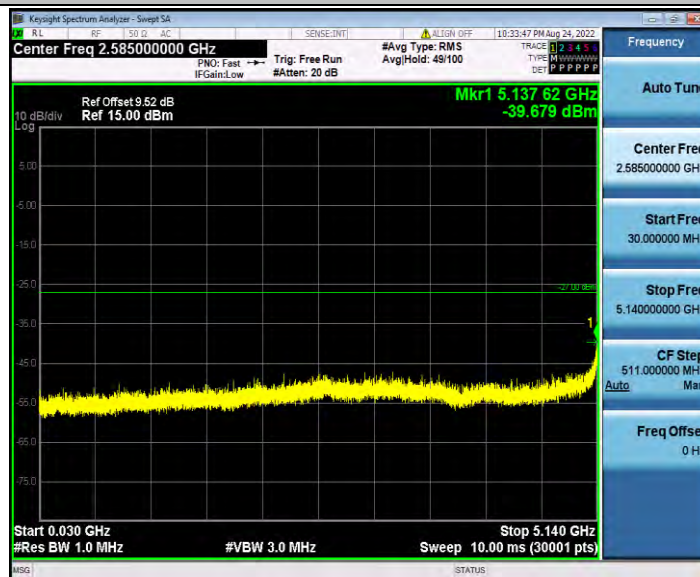
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# 11AX40SISO\_Ant2\_5230\_5360~40000



11AX80SISO\_Ant2\_5210\_30~5140



11AX80SISO\_Ant2\_5210\_5360~40000

