

Appendix D.4: Maximum conducted output power

Test Result

| Test Mode | Antenna | Freq (MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------------|---------|------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A | Ant0 | 5180 | 12.63 | 97.89 | 0.09 | 12.72 | ≤23.98 | PASS |
| | | 5200 | 13.18 | 97.20 | 0.12 | 13.30 | ≤23.98 | PASS |
| | | 5240 | 13.98 | 97.90 | 0.09 | 14.07 | ≤23.98 | PASS |
| 11N20SI SO | Ant0 | 5180 | 12.67 | 97.20 | 0.12 | 12.79 | ≤23.98 | PASS |
| | | 5200 | 13.33 | 97.20 | 0.12 | 13.45 | ≤23.98 | PASS |
| | | 5240 | 14.15 | 97.20 | 0.12 | 14.27 | ≤23.98 | PASS |
| 11N40SI SO | Ant0 | 5190 | 10.16 | 94.20 | 0.26 | 10.42 | ≤23.98 | PASS |
| | | 5230 | 11.01 | 95.59 | 0.20 | 11.21 | ≤23.98 | PASS |
| 11AC20S ISO | Ant0 | 5180 | 11.32 | 97.76 | 0.10 | 11.42 | ≤23.98 | PASS |
| | | 5200 | 11.70 | 97.04 | 0.13 | 11.83 | ≤23.98 | PASS |
| | | 5240 | 12.63 | 97.04 | 0.13 | 12.76 | ≤23.98 | PASS |
| 11AC40S ISO | Ant0 | 5190 | 10.11 | 94.20 | 0.26 | 10.37 | ≤23.98 | PASS |
| | | 5230 | 10.95 | 95.59 | 0.20 | 11.15 | ≤23.98 | PASS |
| 11AC80S ISO | Ant0 | 5210 | 8.63 | 91.67 | 0.38 | 9.01 | ≤23.98 | PASS |
| 11AX20SI SO | Ant0 | 5180 | 11.35 | 96.19 | 0.17 | 11.52 | ≤23.98 | PASS |
| | | 5200 | 11.78 | 96.19 | 0.17 | 11.95 | ≤23.98 | PASS |
| | | 5240 | 12.82 | 96.19 | 0.17 | 12.99 | ≤23.98 | PASS |
| 11AX40SI SO | Ant0 | 5190 | 10.25 | 94.64 | 0.24 | 10.49 | ≤23.98 | PASS |
| | | 5230 | 11.35 | 92.98 | 0.32 | 11.67 | ≤23.98 | PASS |
| 11AX80SI SO | Ant0 | 5210 | 7.07 | 50.39 | 2.98 | 10.05 | ≤23.98 | PASS |

Note:

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

Appendix D.5: Maximum power spectral density

Test Result

| TestMode | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A | Ant0 | 5180 | 1.75 | ≤11.00 | PASS |
| | | 5200 | 2.26 | ≤11.00 | PASS |
| | | 5240 | 3.29 | ≤11.00 | PASS |
| 11N20SISO | Ant0 | 5180 | 1.81 | ≤11.00 | PASS |
| | | 5200 | 2.56 | ≤11.00 | PASS |
| | | 5240 | 3.50 | ≤11.00 | PASS |
| 11N40SISO | Ant0 | 5190 | -2.73 | ≤11.00 | PASS |
| | | 5230 | -1.96 | ≤11.00 | PASS |
| 11AC20SISO | Ant0 | 5180 | 0.29 | ≤11.00 | PASS |
| | | 5200 | 0.71 | ≤11.00 | PASS |
| | | 5240 | 1.81 | ≤11.00 | PASS |
| 11AC40SISO | Ant0 | 5190 | -2.68 | ≤11.00 | PASS |
| | | 5230 | -1.98 | ≤11.00 | PASS |
| 11AC80SISO | Ant0 | 5210 | -7.30 | ≤11.00 | PASS |
| 11AX20SISO | Ant0 | 5180 | -0.01 | ≤11.00 | PASS |
| | | 5200 | 0.28 | ≤11.00 | PASS |
| | | 5240 | 1.67 | ≤11.00 | PASS |
| 11AX40SISO | Ant0 | 5190 | -3.01 | ≤11.00 | PASS |
| | | 5230 | -1.80 | ≤11.00 | PASS |
| 11AX80SISO | Ant0 | 5210 | -6.67 | ≤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

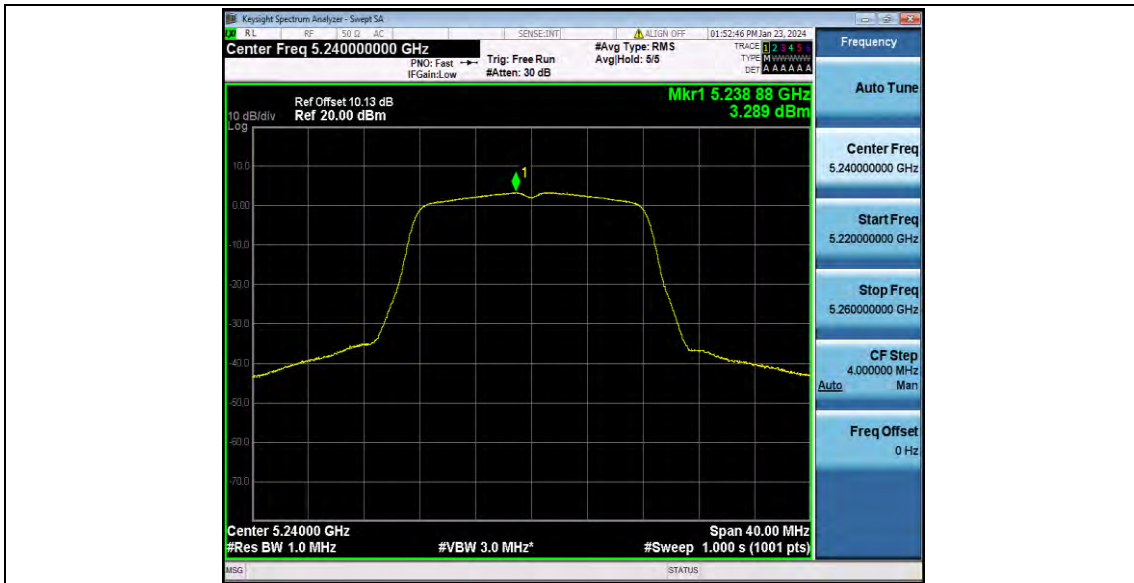
11A_Ant0_5180



11A_Ant0_5200



11A_Ant0_5240



11N20SISO_Ant0_5180



11N20SISO_Ant0_5200



11N20SISO_Ant0_5240



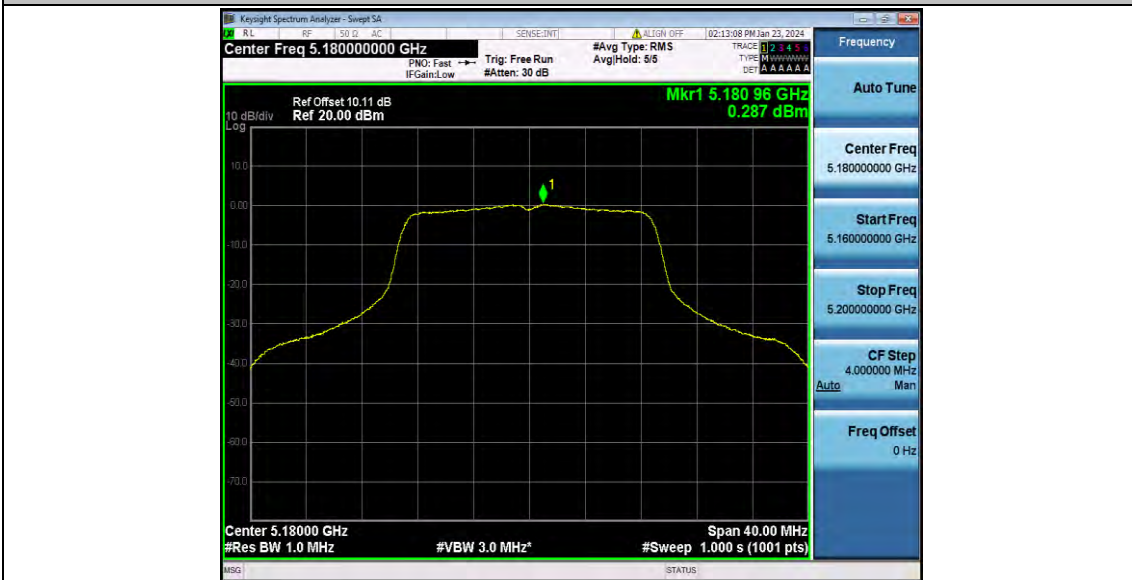
11N40SISO_Ant0_5190



11N40SISO_Ant0_5230



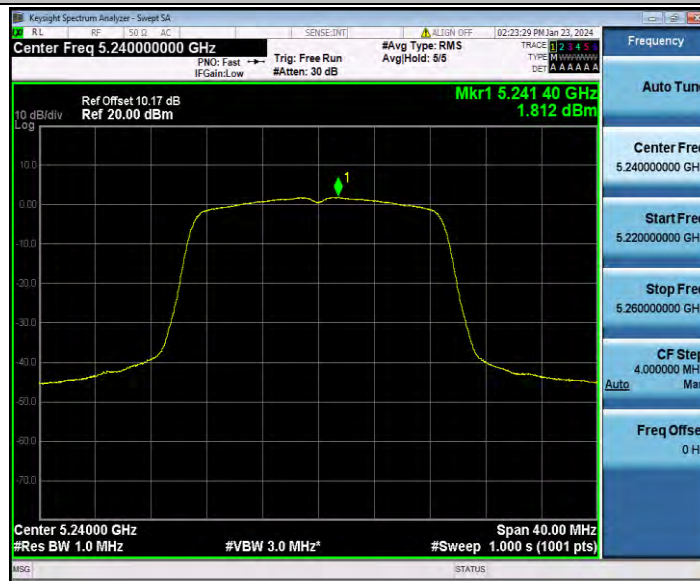
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11AC20SISO_Ant0_5200



11AC20SISO_Ant0_5240



11AC40SISO_Ant0_5190



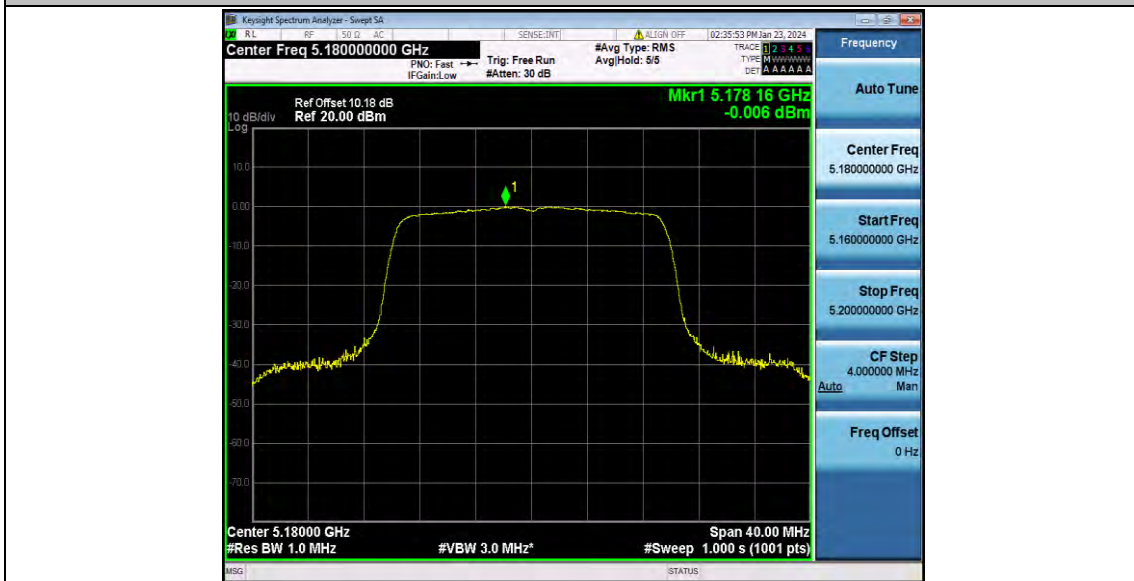
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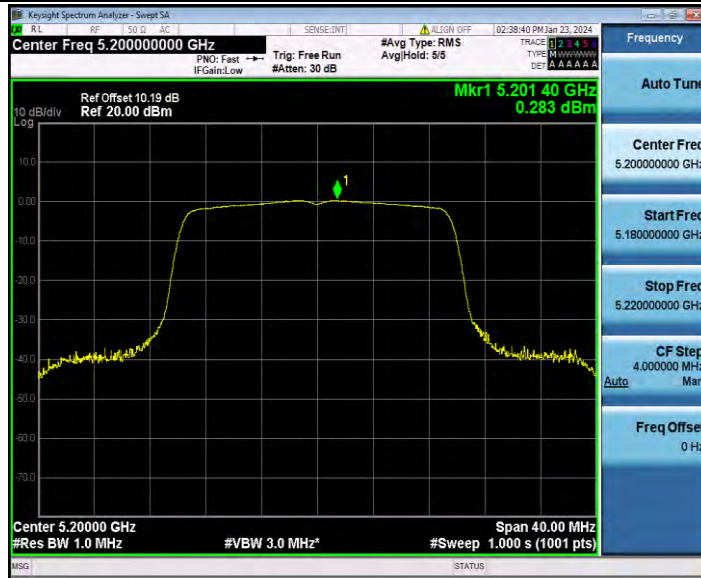
11AC80SISO_Ant0_5210



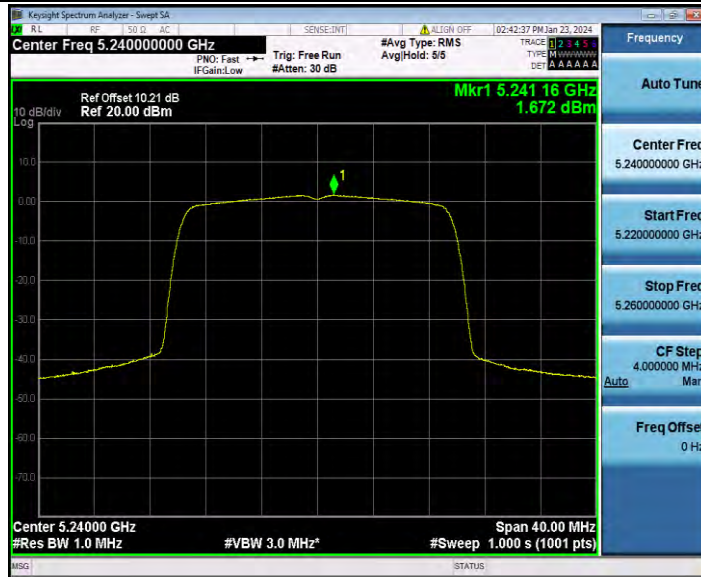
11AX20SISO_Ant0_5180



11AX20SISO_Ant_0_5200



11AX20SISO_Ant_0_5240



11AX40SISO_Ant_0_5190



11AX40SISO_Ant0_5230



11AX80SISO_Ant0_5210

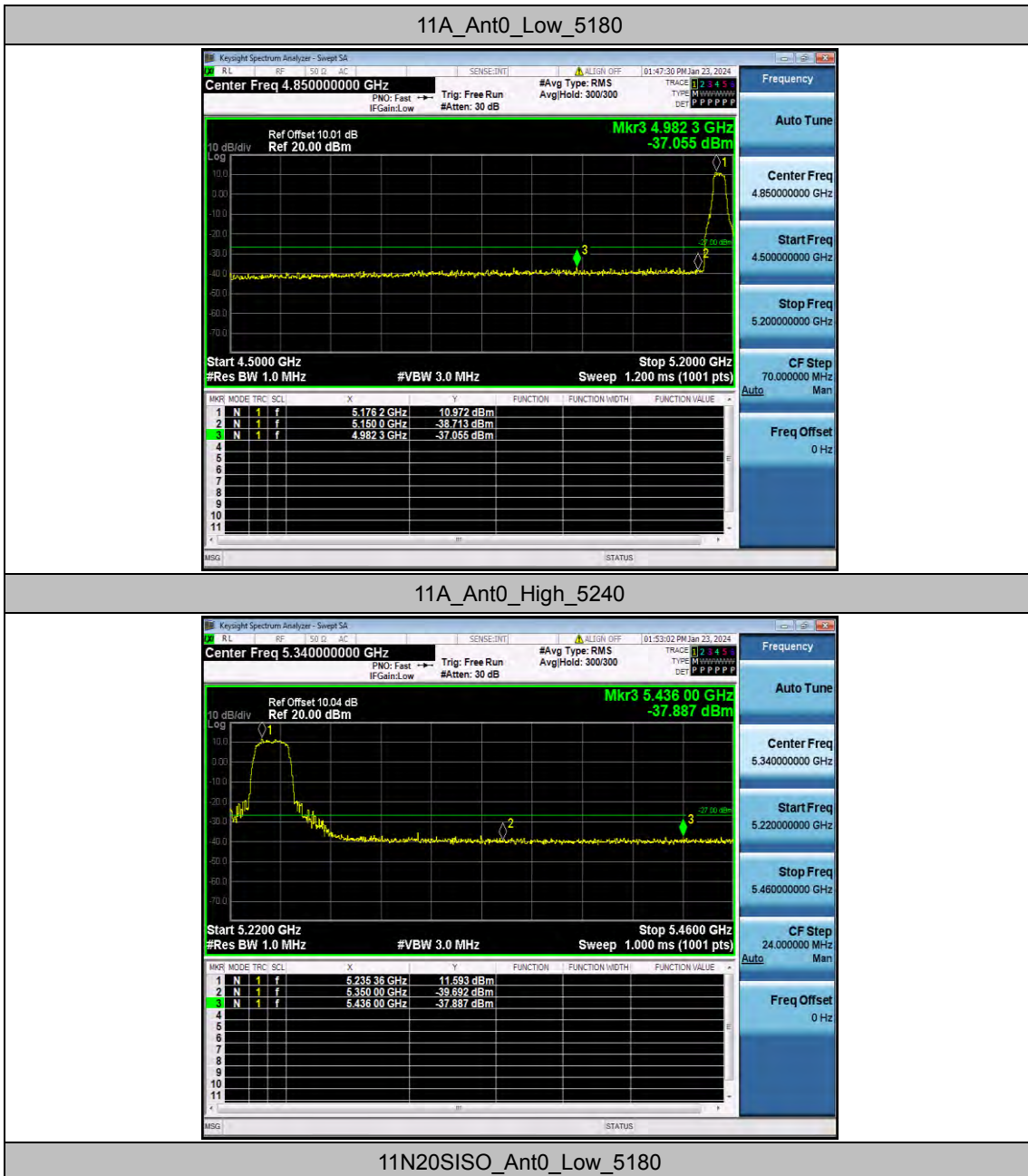


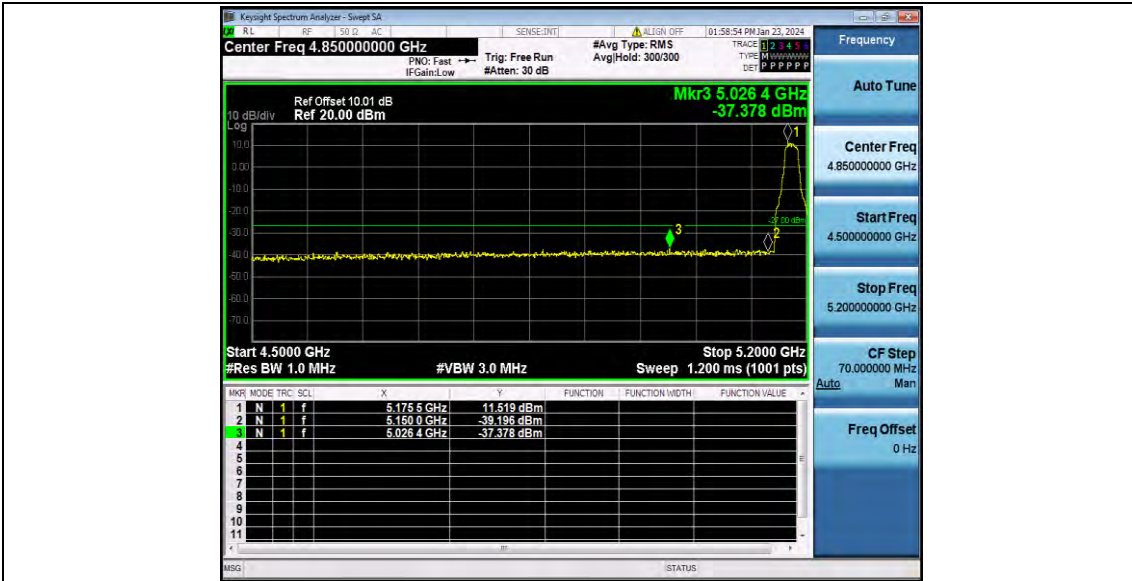
Appendix D.6: Band edge measurements

Test Result B1

| TestMode | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A | Ant0 | Low | 5180 | -37.06 | ≤-27 | PASS |
| | | High | 5240 | -37.89 | ≤-27 | PASS |
| 11N20SISO | Ant0 | Low | 5180 | -37.38 | ≤-27 | PASS |
| | | High | 5240 | -36.63 | ≤-27 | PASS |
| 11N40SISO | Ant0 | Low | 5190 | -36.77 | ≤-27 | PASS |
| | | High | 5230 | -37.33 | ≤-27 | PASS |
| 11AC20SISO | Ant0 | Low | 5180 | -36.52 | ≤-27 | PASS |
| | | High | 5240 | -37.35 | ≤-27 | PASS |
| 11AC40SISO | Ant0 | Low | 5190 | -37.17 | ≤-27 | PASS |
| | | High | 5230 | -37.5 | ≤-27 | PASS |
| 11AC80SISO | Ant0 | Low | 5210 | -37.48 | ≤-27 | PASS |
| | | High | 5210 | -37.42 | ≤-27 | PASS |
| 11AX20SISO | Ant0 | Low | 5180 | -36.05 | ≤-27 | PASS |
| | | High | 5240 | -37.34 | ≤-27 | PASS |
| 11AX40SISO | Ant0 | Low | 5190 | -37.2 | ≤-27 | PASS |
| | | High | 5230 | -37.49 | ≤-27 | PASS |
| 11AX80SISO | Ant0 | Low | 5210 | -35.42 | ≤-27 | PASS |
| | | High | 5210 | -37.88 | ≤-27 | PASS |

Test Graphs B1





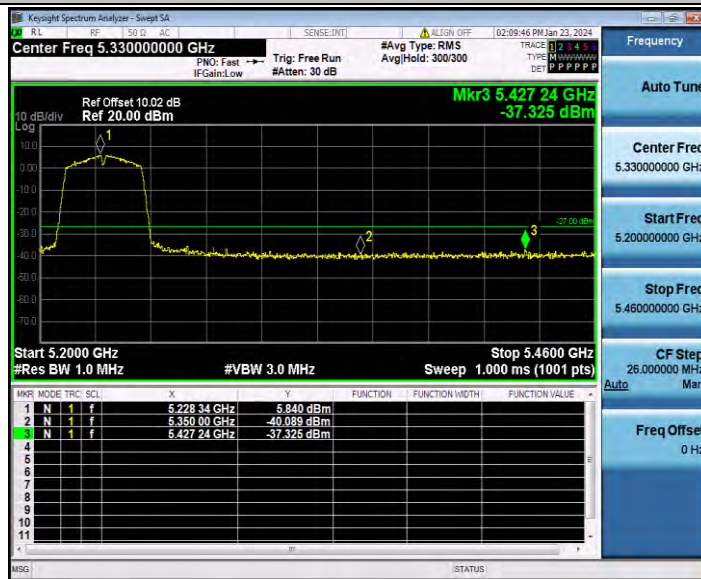
11N20SISO_Ant0_High_5240



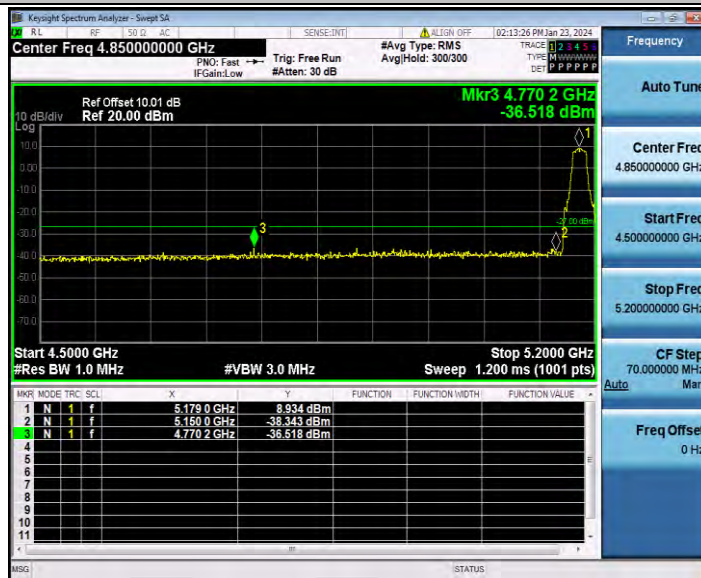
11N40SISO_Ant0_Low_5190



11N40SISO_Ant0_High_5230



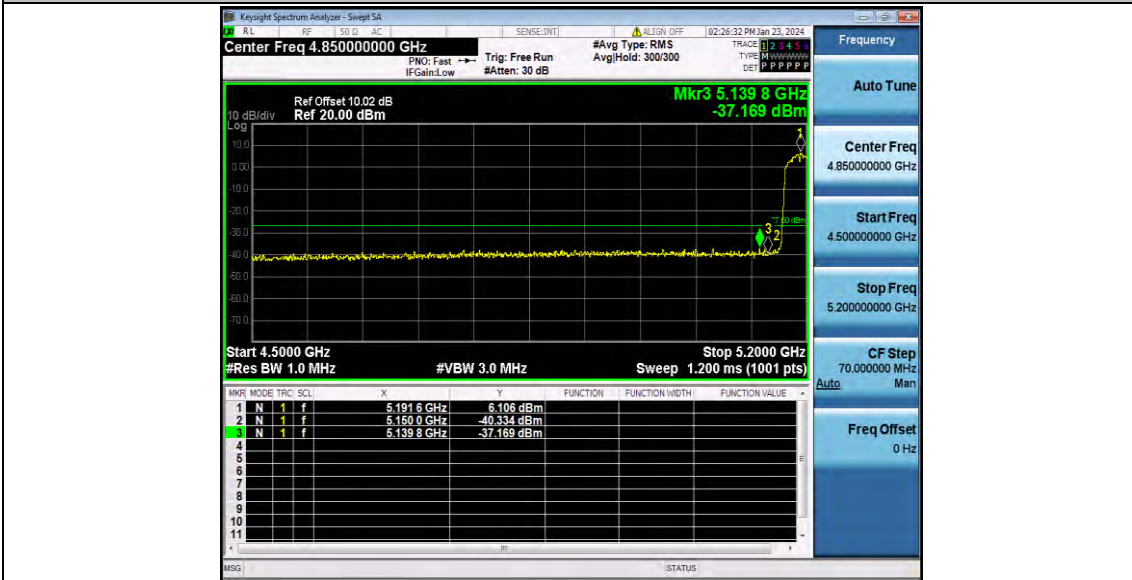
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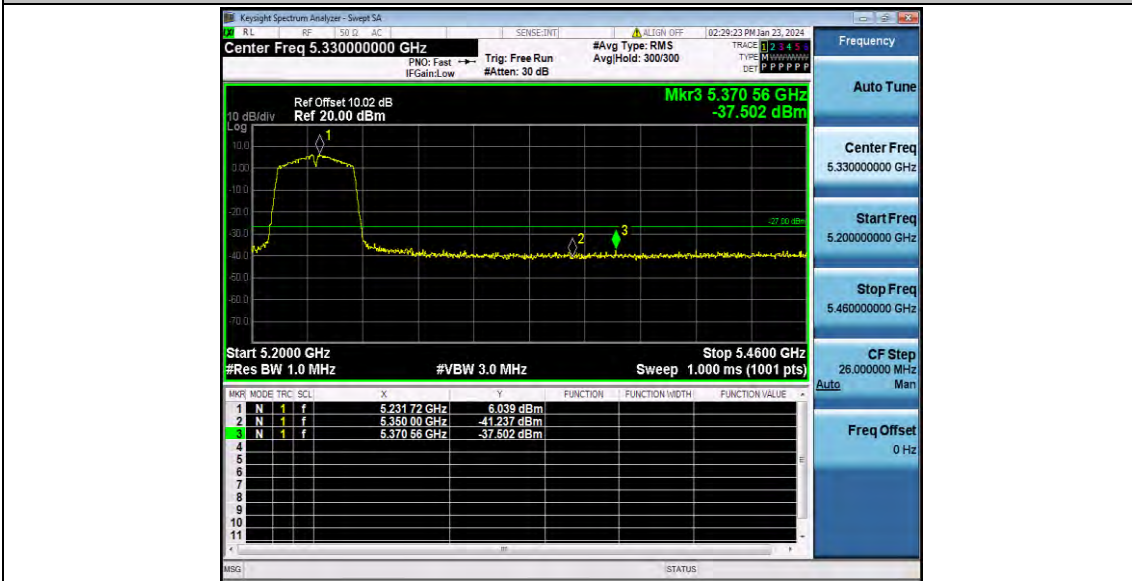
11AC20SISO_Ant0_High_5240



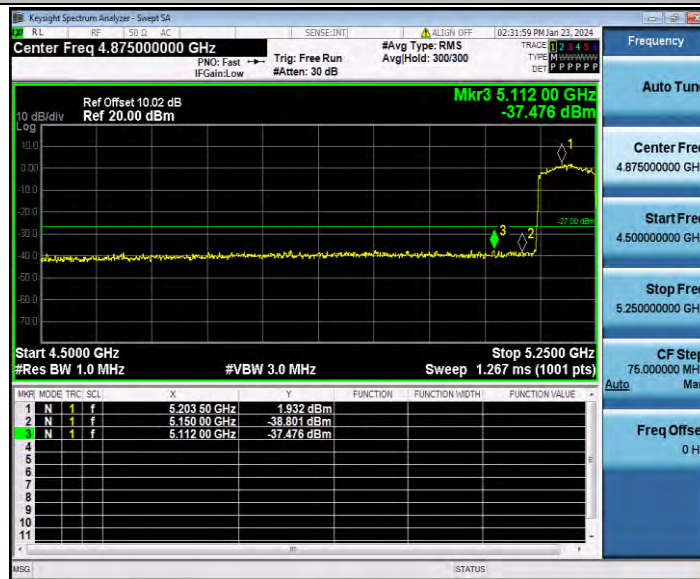
11AC40SISO_Ant0_Low_5190



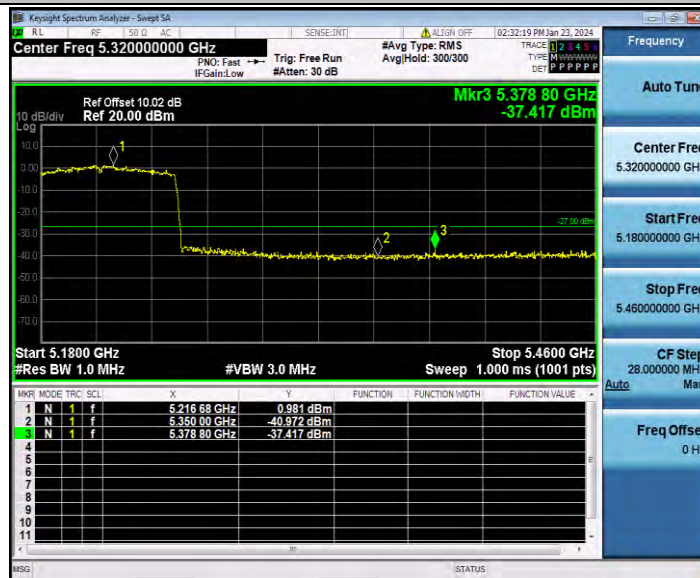
11AC40SISO_Ant0_High_5230



11AC80SISO_Ant0_Low_5210



11AC80SISO_Ant0_High_5210



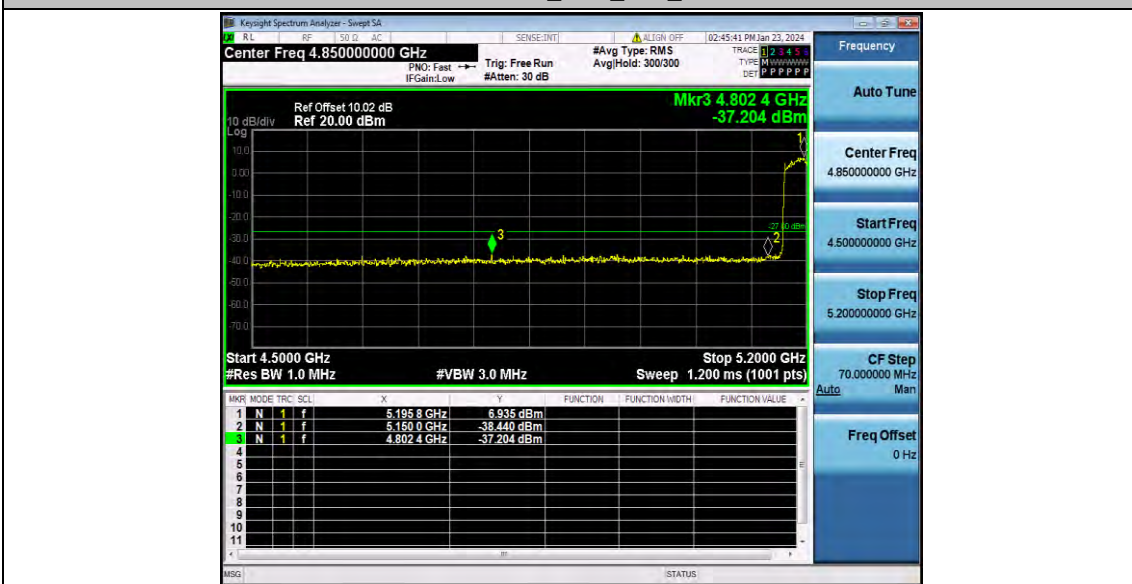
11AX20SISO_Ant0_Low_5180



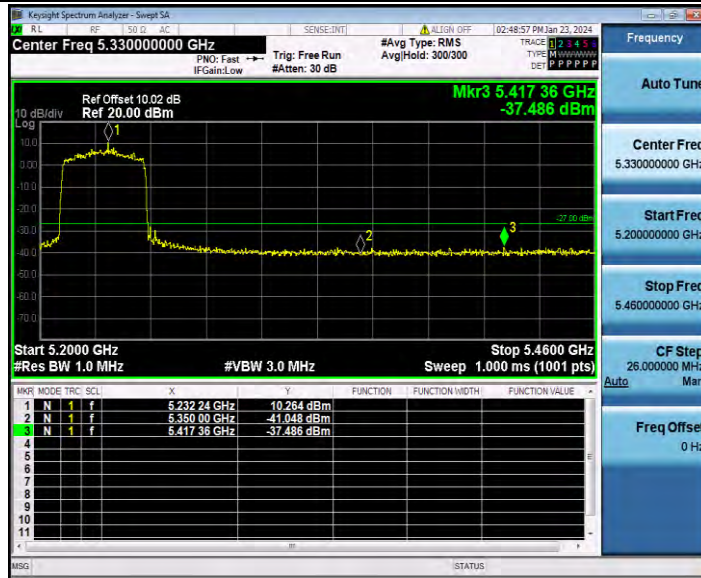
11AX20SISO_Ant0_High_5240



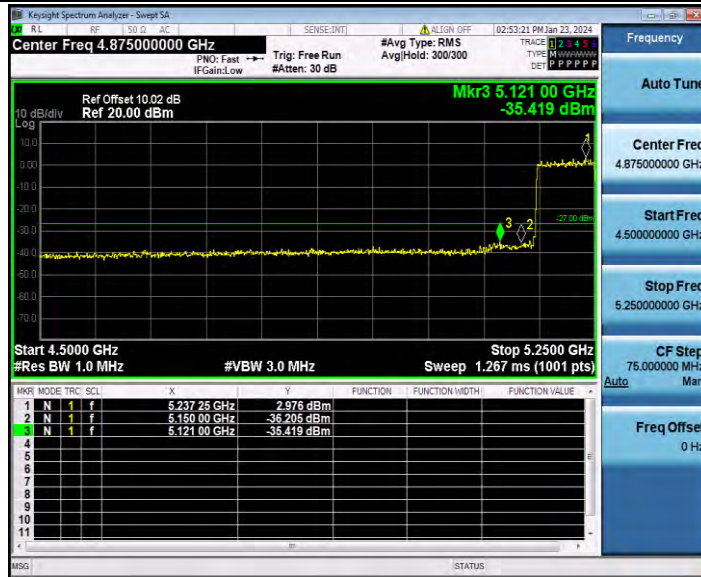
11AX40SISO_Ant0_Low_5190



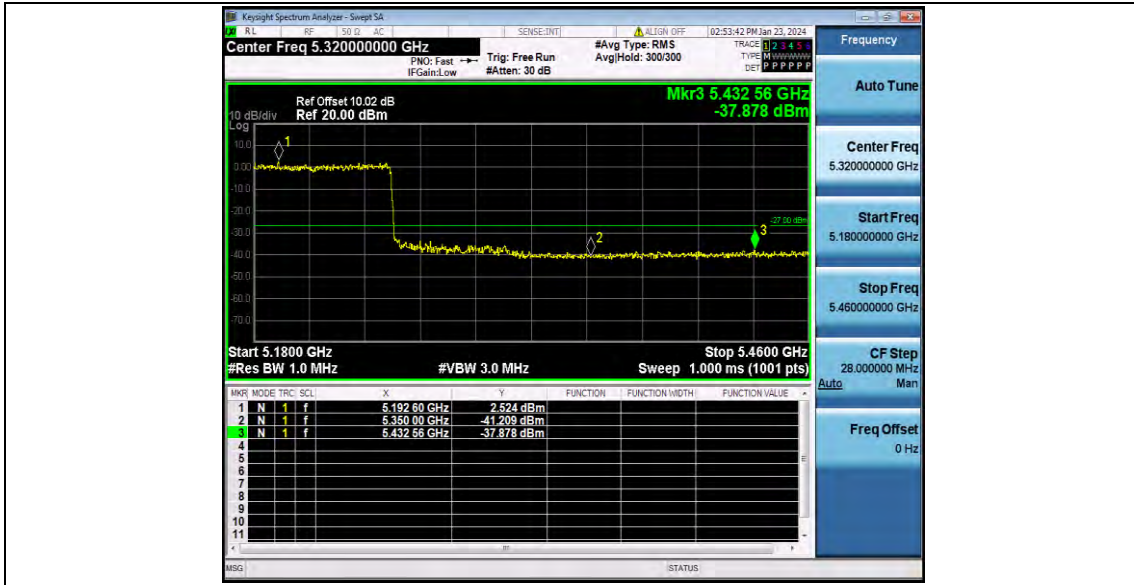
11AX40SISO_Ant0_High_5230



11AX80SISO_Ant0_Low_5210



11AX80SISO_Ant0_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 | Ant0 | 5180 | 30~5140 | 5139.83 | -43.25 | ≤-27 | PASS |
| | | | 5360~40000 | 15537.29 | -35.15 | ≤-27 | PASS |
| | | 5200 | 30~5140 | 5119.9 | -43.35 | ≤-27 | PASS |
| | | | 5360~40000 | 15601.49 | -31.5 | ≤-27 | PASS |
| | | 5240 | 30~5140 | 2438.85 | -42.63 | ≤-27 | PASS |
| | | | 5360~40000 | 15721.23 | -31.61 | ≤-27 | PASS |
| 11N20SISO | Ant0 | 5180 | 30~5140 | 5136.76 | -42.17 | ≤-27 | PASS |
| | | | 5360~40000 | 15537.29 | -36.2 | ≤-27 | PASS |
| | | 5200 | 30~5140 | 1739.47 | -38.33 | ≤-27 | PASS |
| | | | 5360~40000 | 15602.21 | -32.42 | ≤-27 | PASS |
| | | 5240 | 30~5140 | 5112.92 | -43.85 | ≤-27 | PASS |
| | | | 5360~40000 | 10475.7 | -33.43 | ≤-27 | PASS |
| 11N40SISO | Ant0 | 5190 | 30~5140 | 5138.81 | -43.7 | ≤-27 | PASS |
| | | | 5360~40000 | 24272.64 | -37.45 | ≤-27 | PASS |
| | | 5230 | 30~5140 | 2438.68 | -45.58 | ≤-27 | PASS |
| | | | 5360~40000 | 24344.05 | -36.86 | ≤-27 | PASS |
| 11AC20SISO | Ant0 | 5180 | 30~5140 | 5111.38 | -42.46 | ≤-27 | PASS |
| | | | 5360~40000 | 15545.23 | -36.47 | ≤-27 | PASS |
| | | 5200 | 30~5140 | 1744.58 | -38.13 | ≤-27 | PASS |
| | | | 5360~40000 | 15602.93 | -35.71 | ≤-27 | PASS |
| | | 5240 | 30~5140 | 5122.46 | -45.11 | ≤-27 | PASS |
| | | | 5360~40000 | 15718.35 | -34.14 | ≤-27 | PASS |
| 11AC40SISO | Ant0 | 5190 | 30~5140 | 1762.29 | -40.98 | ≤-27 | PASS |
| | | | 5360~40000 | 26071.64 | -37.16 | ≤-27 | PASS |
| | | 5230 | 30~5140 | 5096.74 | -44.99 | ≤-27 | PASS |
| | | | 5360~40000 | 26721.57 | -37.42 | ≤-27 | PASS |
| 11AC80SISO | Ant0 | 5210 | 30~5140 | 5115.13 | -42.53 | ≤-27 | PASS |
| | | | 5360~40000 | 24177.42 | -36.89 | ≤-27 | PASS |
| 11AX20SISO | Ant0 | 5180 | 30~5140 | 827.33 | -39.84 | ≤-27 | PASS |
| | | | 5360~40000 | 24184.64 | -37.59 | ≤-27 | PASS |
| | | 5200 | 30~5140 | 5129.95 | -43.73 | ≤-27 | PASS |
| | | | 5360~40000 | 24256.77 | -37.41 | ≤-27 | PASS |
| | | 5240 | 30~5140 | 5139.32 | -44.35 | ≤-27 | PASS |
| | | | 5360~40000 | 15724.84 | -34.76 | ≤-27 | PASS |
| 11AX40SISO | Ant0 | 5190 | 30~5140 | 5133.19 | -44.24 | ≤-27 | PASS |
| | | | 5360~40000 | 26503 | -36.89 | ≤-27 | PASS |

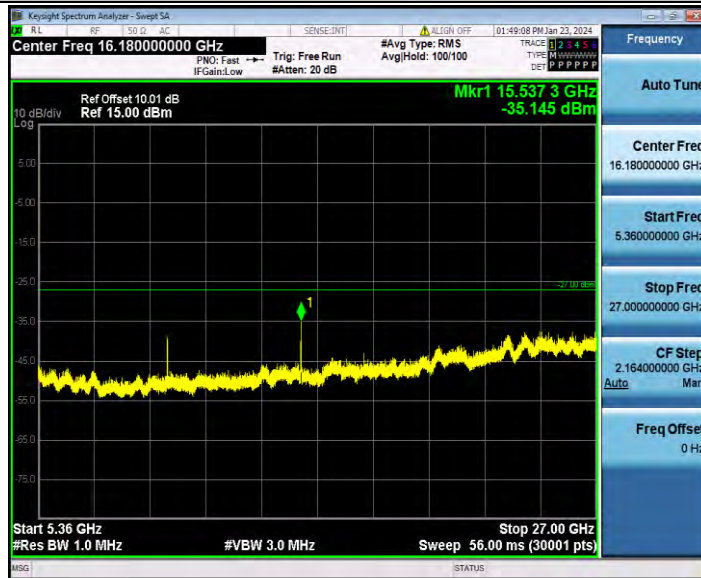
| | | | | | | | |
|------------|------|------|------------|----------|--------|------------|------|
| | | 5230 | 30~5140 | 826.65 | -41.6 | ≤ -27 | PASS |
| | | | 5360~40000 | 26892.52 | -37.61 | ≤ -27 | PASS |
| 11AX80SISO | Ant0 | 5210 | 30~5140 | 5121.09 | -38.65 | ≤ -27 | PASS |
| | | | 5360~40000 | 26888.19 | -37.5 | ≤ -27 | PASS |

Test Graphs

11A_Ant0_5180_30~5140



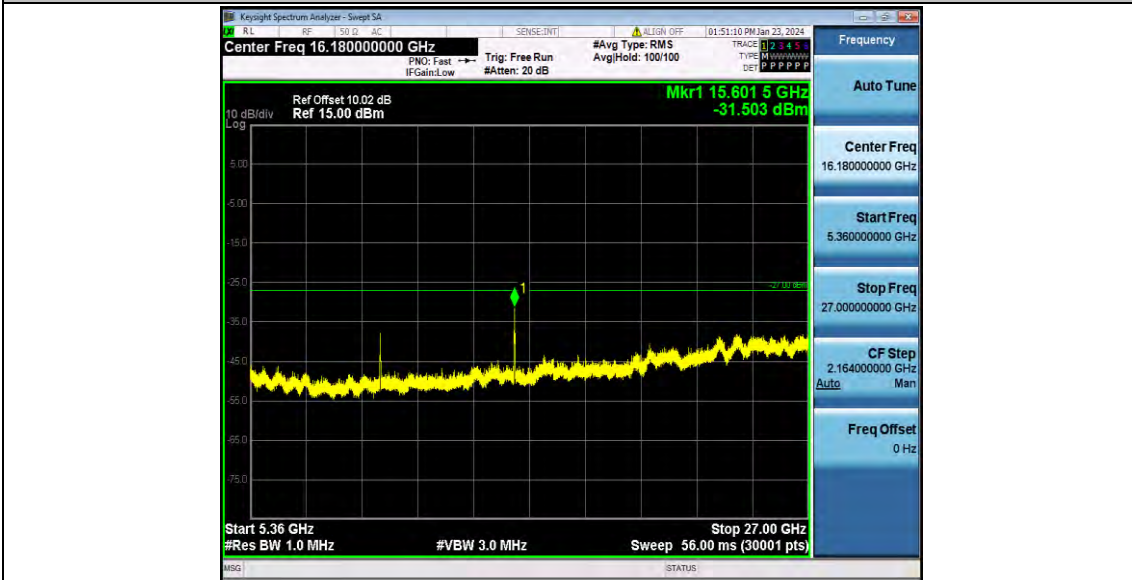
11A_Ant0_5180_5360~40000



11A_Ant0_5200_30~5140



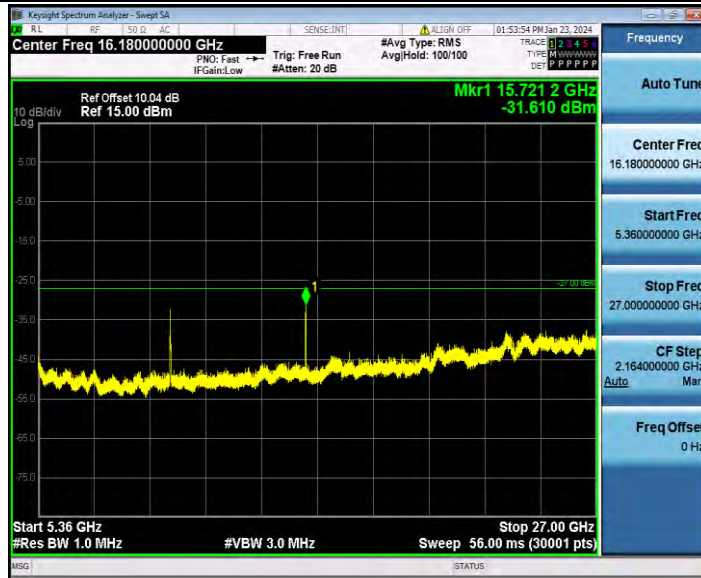
11A_Ant0_5200_5360~40000



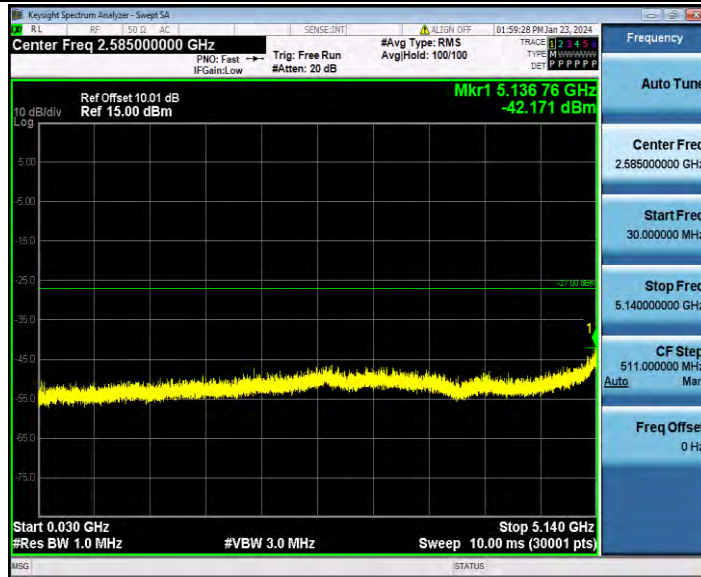
11A_Ant0_5240_30~5140



11A_Ant0_5240_5360~40000



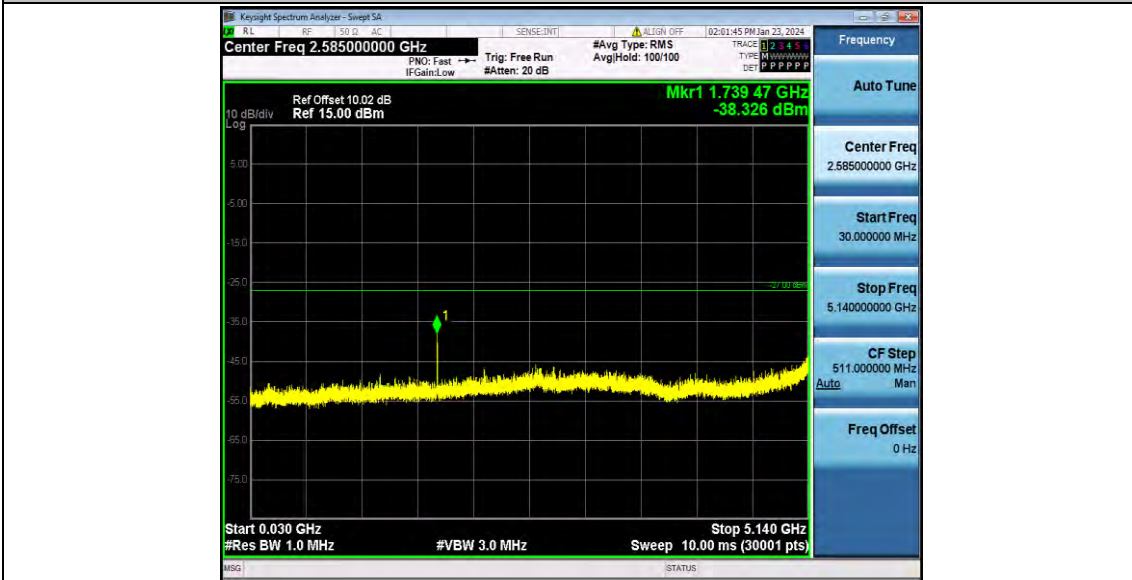
11N20SISO_Ant0_5180_30~5140



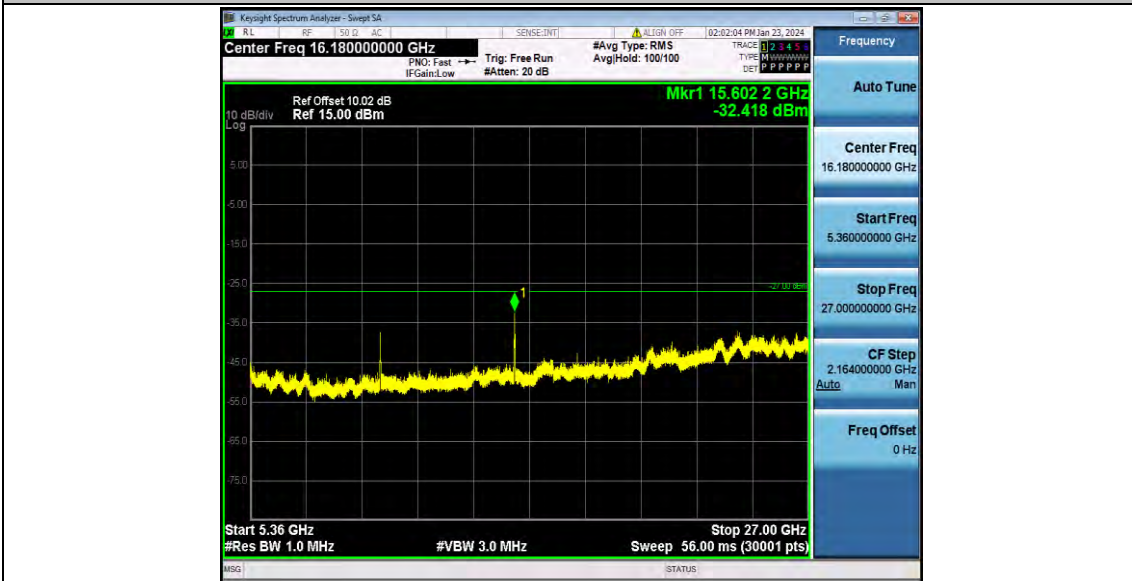
11N20SISO_Ant0_5180_5360~40000



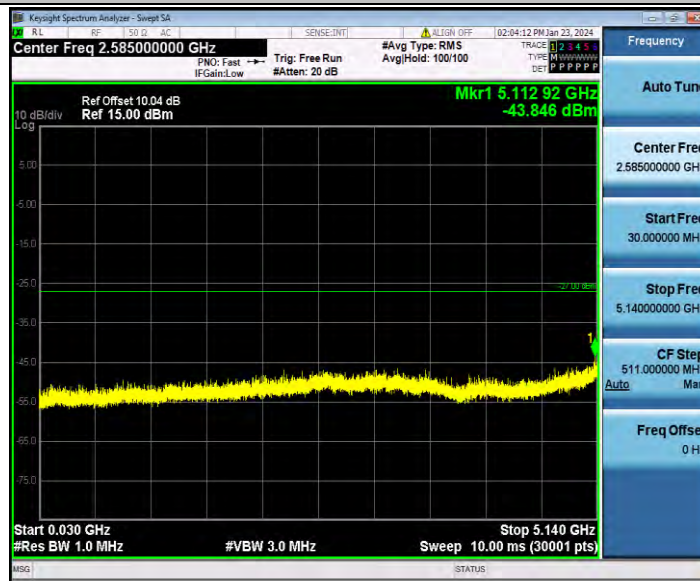
11N20SISO_Ant0_5200_30~5140



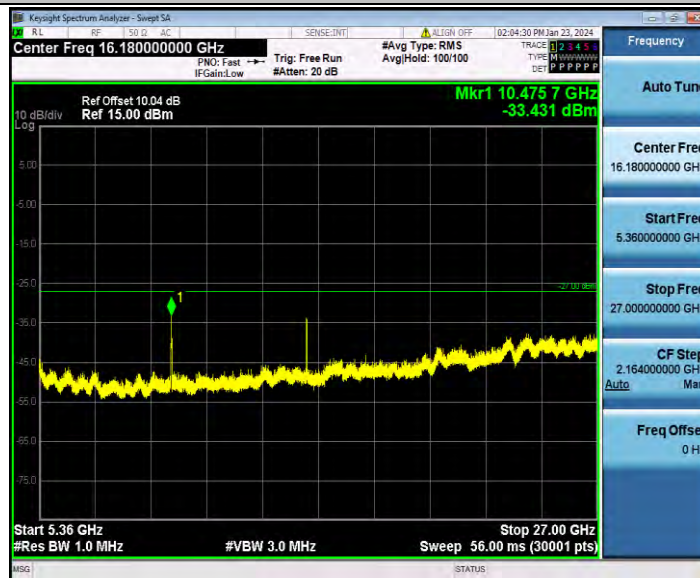
11N20SISO_Ant0_5200_5360~40000



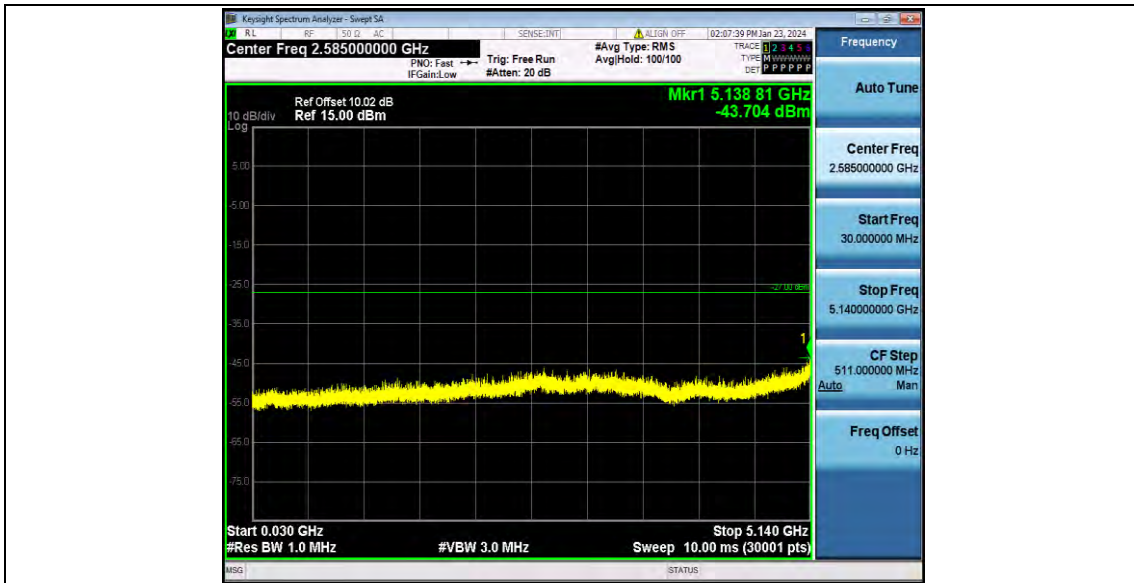
11N20SISO_Ant0_5240_30~5140



11N20SISO_Ant0_5240_5360~40000



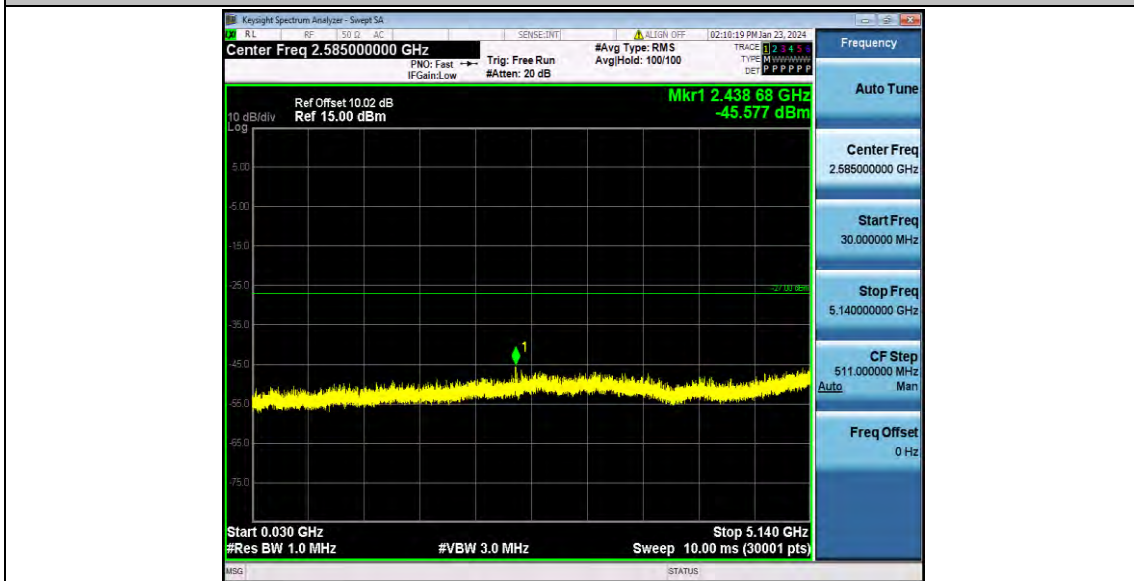
11N40SISO_Ant0_5190_30~5140



11N40SISO_Ant0_5190_5360~40000



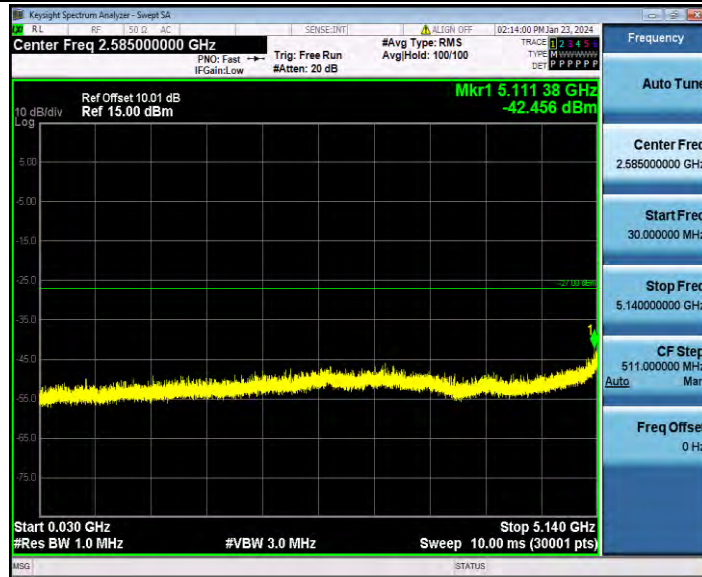
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11N40SISO_Ant0_5230_5360~40000



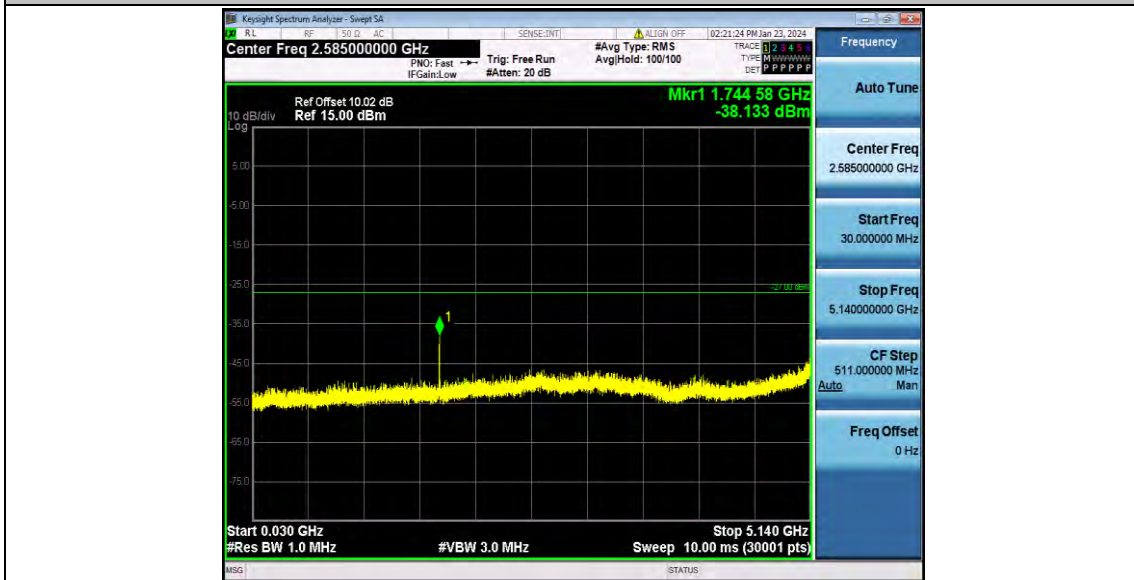
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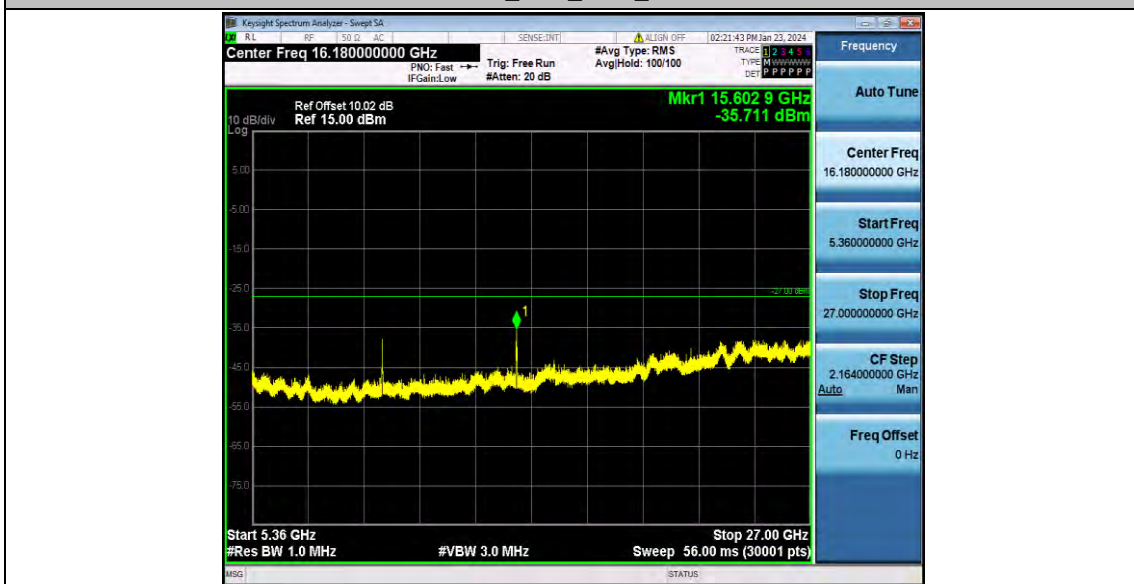
11AC20SISO_Ant0_5180_5360~40000



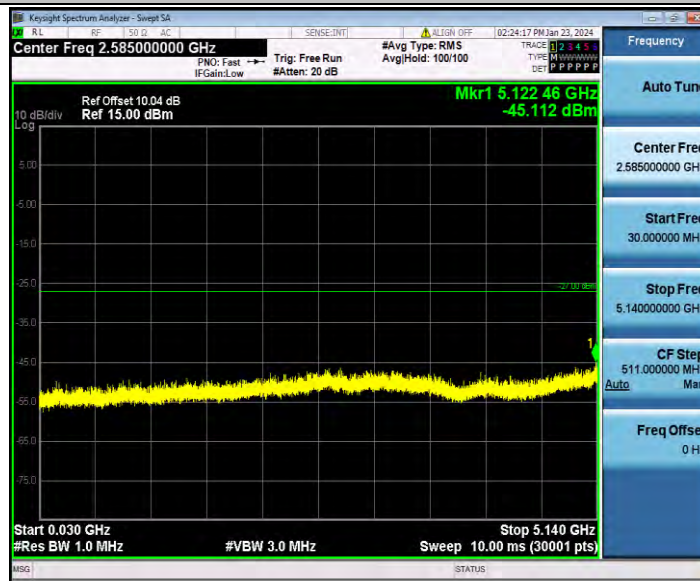
11AC20SISO_Ant0_5200_30~5140



11AC20SISO_Ant0_5200_5360~40000



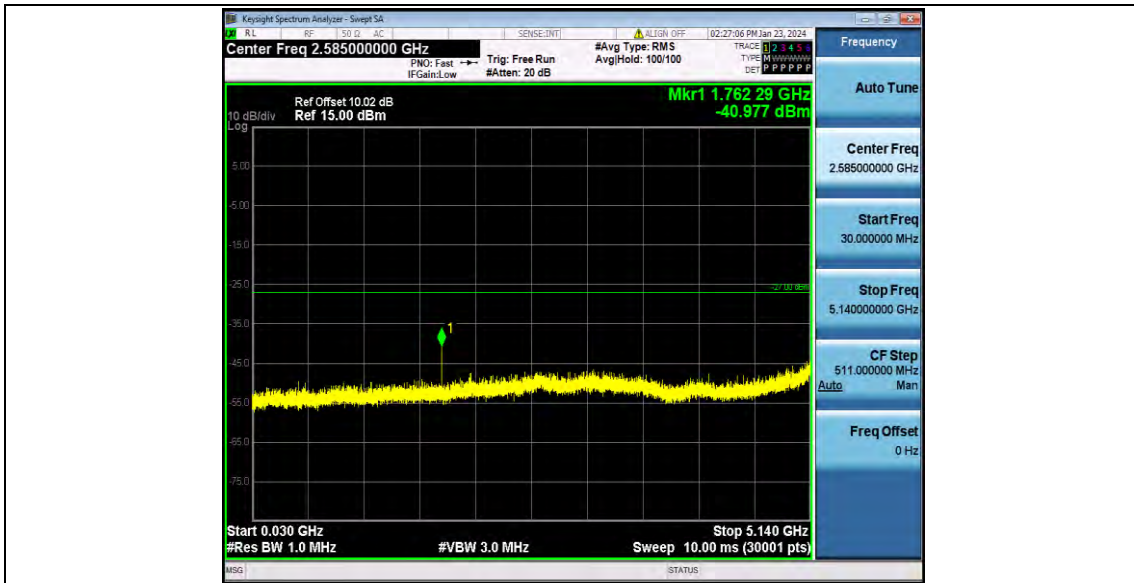
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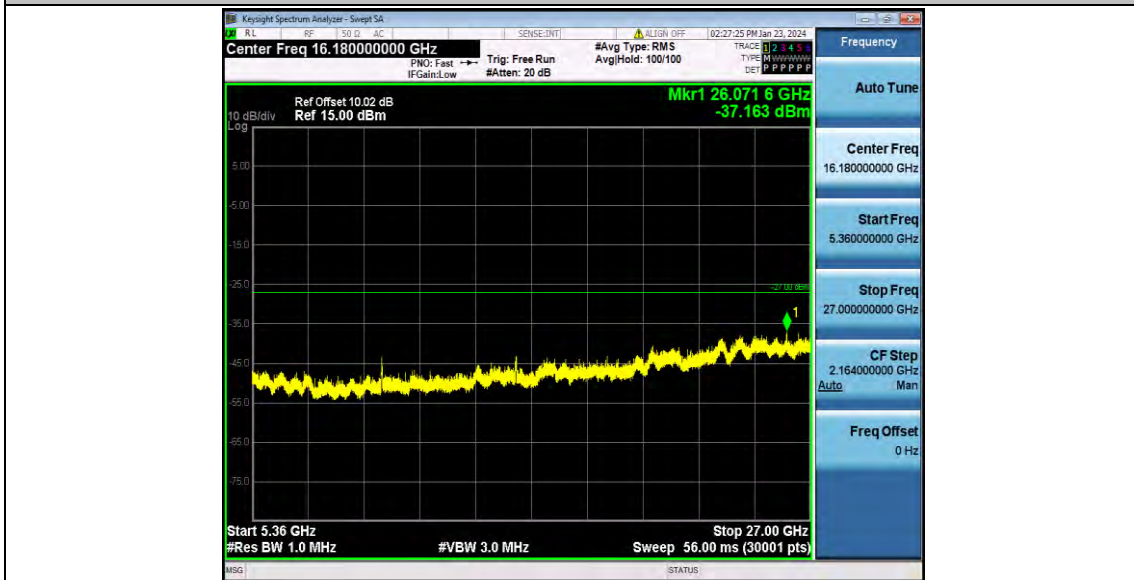
11AC20SISO_Ant0_5240_5360~40000



11AC40SISO_Ant0_5190_30~5140



11AC40SISO_Ant0_5190_5360~4000



11AC40SISO_Ant0_5230_30~5140



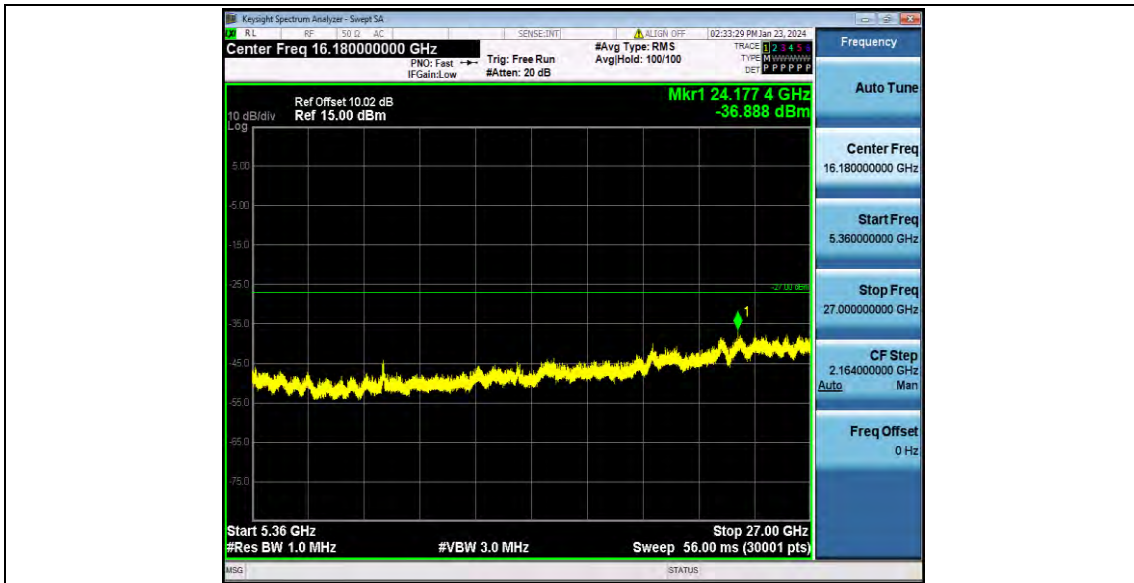
11AC40SISO_Ant0_5230_5360~40000



11AC80SISO_Ant0_5210_30~5140



11AC80SISO_Ant0_5210_5360~40000



11AX20SISO_Ant0_5180_30~5140



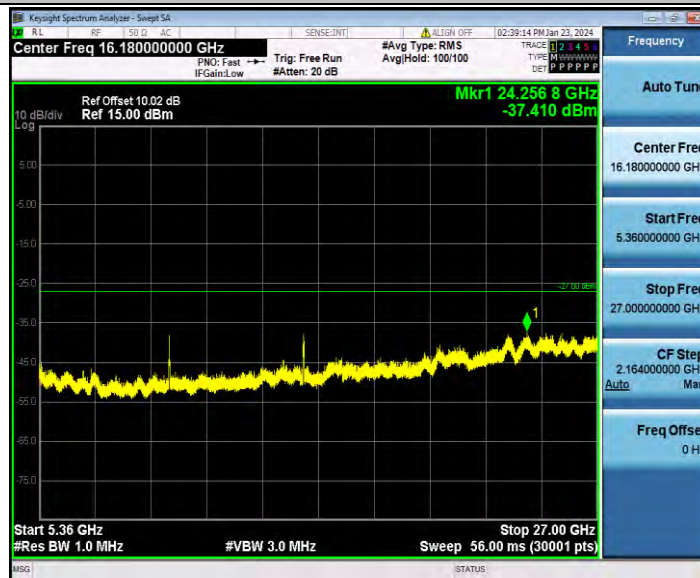
11AX20SISO_Ant0_5180_5360~40000



11AX20SISO_Ant0_5200_30~5140



11AX20SISO_Ant0_5200_5360~40000



11AX20SISO_Ant0_5240_30~5140



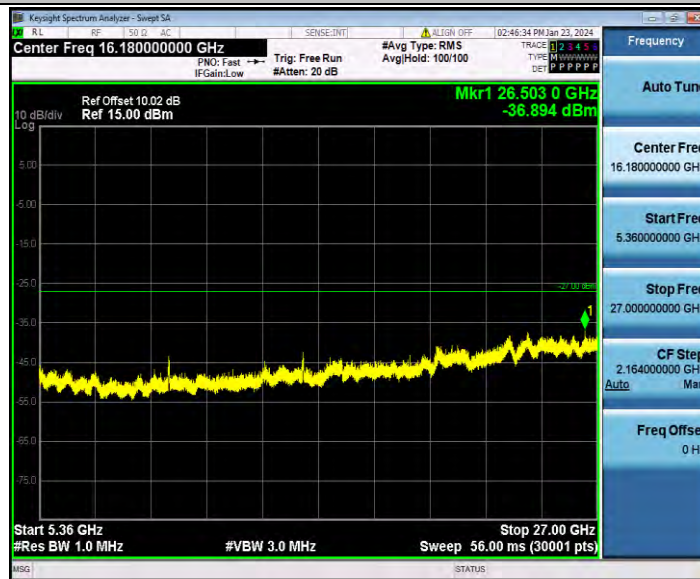
11AX20SISO_Ant0_5240_5360~4000



11AX40SISO_Ant0_5190_30~5140



11AX40SISO_Ant0_5190_5360~40000



11AX40SISO_Ant0_5230_30~5140



11AX40SISO_Ant0_5230_5360~40000



11AX80SISO_Ant0_5210_30~5140

