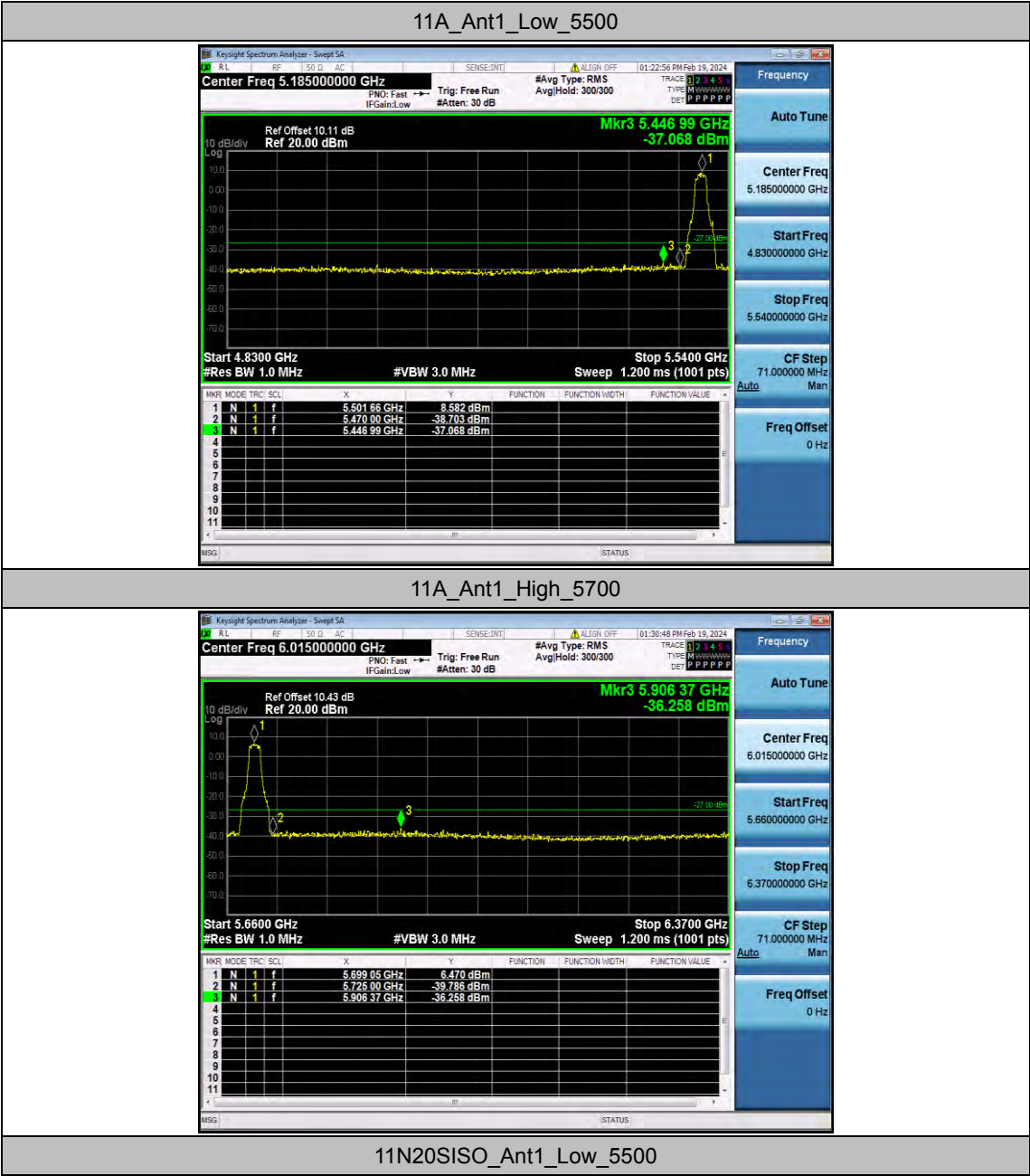


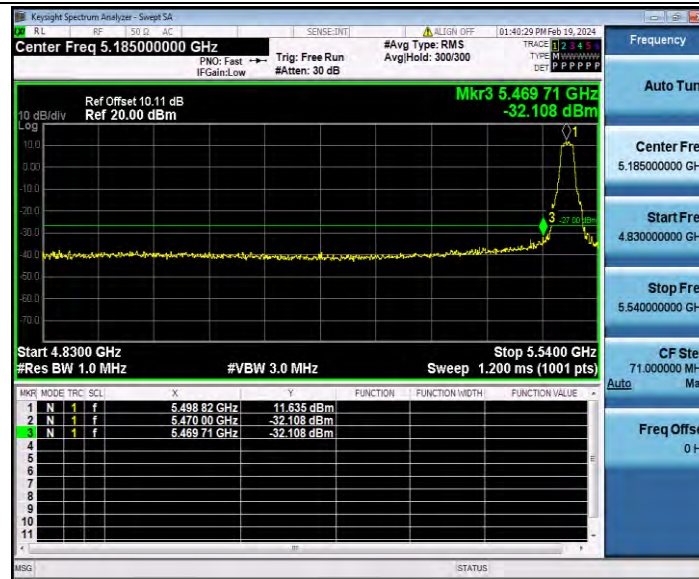
## Appendix F.6: Band edge measurements

### Test Result B3

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5500      | -37.07      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -36.26      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 5500      | -32.11      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -35.97      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant1    | Low    | 5510      | -36.71      | $\leq -27$ | PASS    |
|            |         | High   | 5670      | -37.12      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant1    | Low    | 5500      | -36.44      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -36.93      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant1    | Low    | 5510      | -36.31      | $\leq -27$ | PASS    |
|            |         | High   | 5670      | -36.52      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant1    | Low    | 5530      | -36.61      | $\leq -27$ | PASS    |
|            |         | High   | 5610      | -37.35      | $\leq -27$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 5500      | -36.86      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -36.26      | $\leq -27$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 5510      | -37.16      | $\leq -27$ | PASS    |
|            |         | High   | 5670      | -36.59      | $\leq -27$ | PASS    |
| 11AX80SISO | Ant1    | Low    | 5530      | -36.89      | $\leq -27$ | PASS    |
|            |         | High   | 5610      | -36.53      | $\leq -27$ | PASS    |

Test Graphs B3

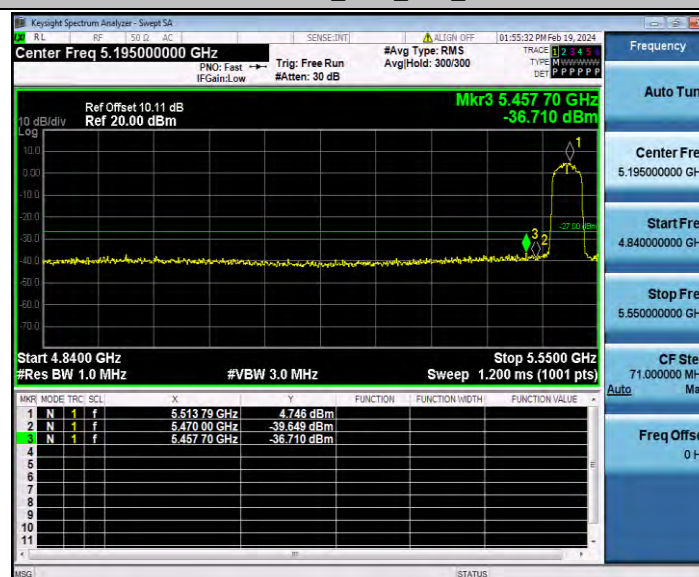




11N20SISO\_Ant1\_High\_5700



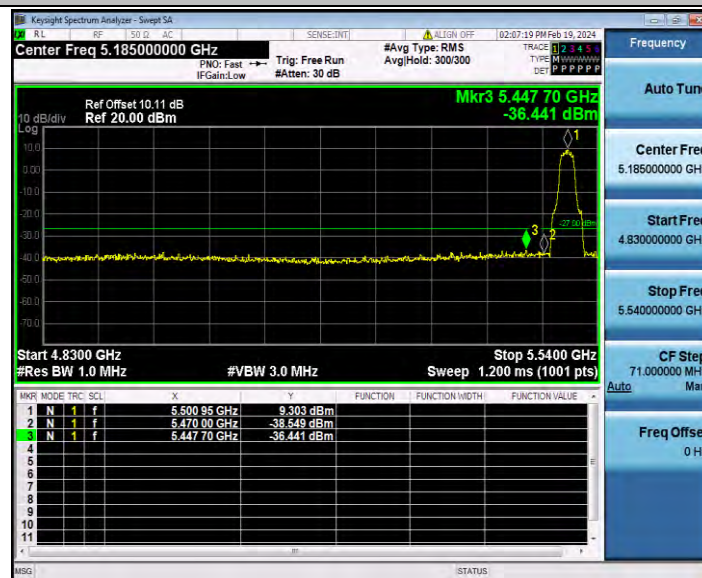
11N40SISO\_Ant1\_Low\_5510



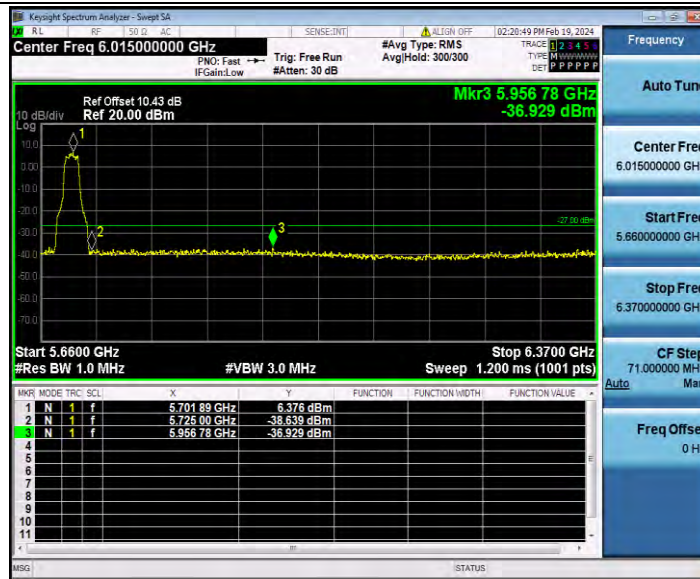
## 11N40SISO\_Ant1\_High\_5670



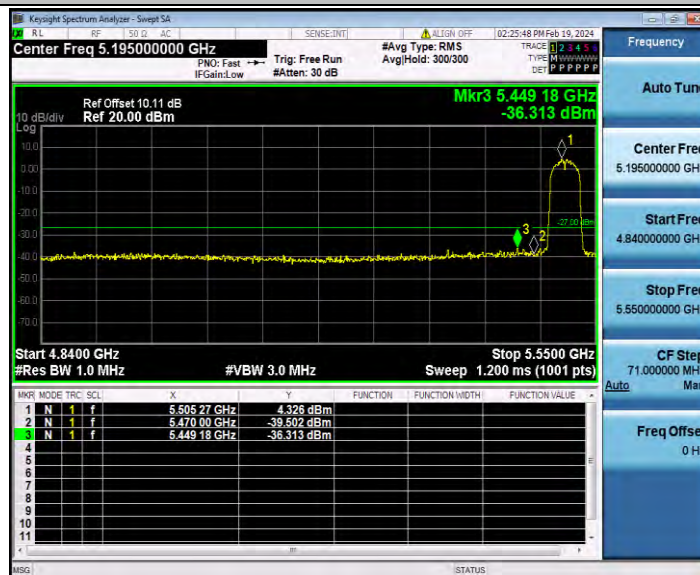
## 11AC20SISO\_Ant1\_Low\_5500



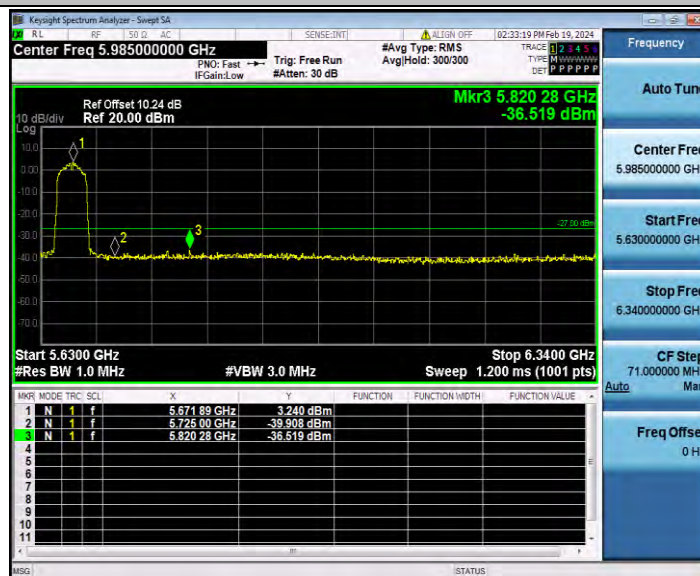
## 11AC20SISO\_Ant1\_High\_5700



11AC40SISO\_Ant1\_Low\_5510



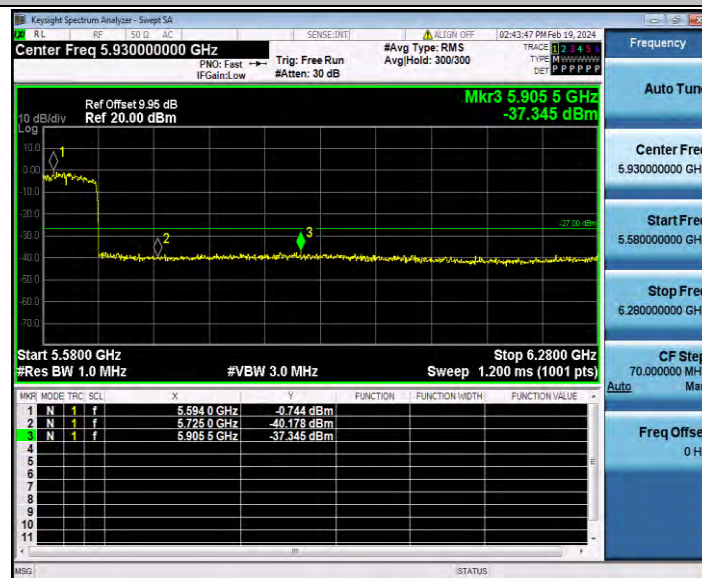
11AC40SISO\_Ant1\_High\_5670



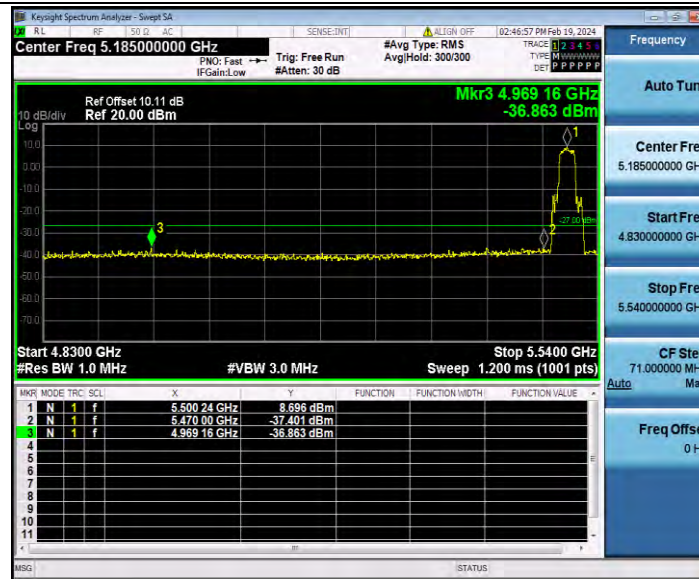
## 11AC80SISO\_Ant1\_Low\_5530



## 11AC80SISO\_Ant1\_High\_5610



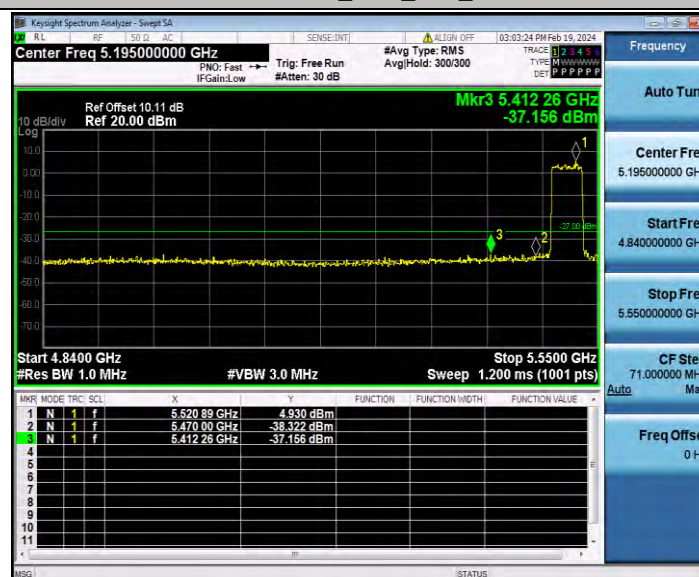
## 11AX20SISO\_Ant1\_Low\_5500



11AX20SISO\_Ant1\_High\_5700



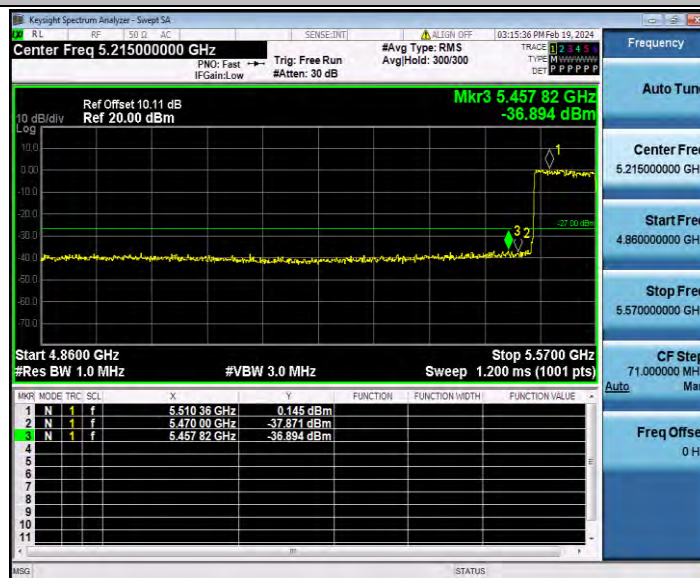
11AX40SISO\_Ant1\_Low\_5510



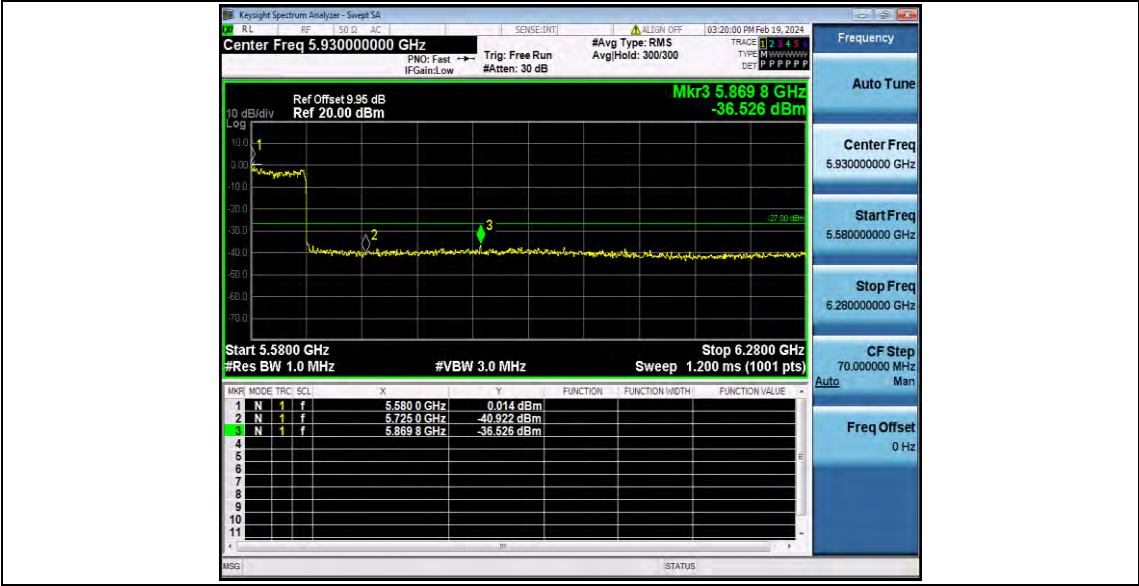
## 11AX40SISO\_Ant1\_High\_5670



## 11AX80SISO\_Ant1\_Low\_5530



## 11AX80SISO\_Ant1\_High\_5610



## Appendix F.7: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5500      | 30~5460         | 5430.32        | -43.54           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11007.3        | -29.47           | ≤-27        | PASS    |
|            |         | 5600      | 30~5460         | 3167.45        | -45.71           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11202.94       | -32.71           | ≤-27        | PASS    |
|            |         | 5700      | 30~5460         | 4994.47        | -46.08           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11400          | -34.94           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5500      | 30~5460         | 5457.29        | -35.85           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 10995.25       | -29.47           | ≤-27        | PASS    |
|            |         | 5600      | 30~5460         | 5457.29        | -45.11           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11200.81       | -29.58           | ≤-27        | PASS    |
|            |         | 5700      | 30~5460         | 2682.74        | -45.8            | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11396.45       | -32.77           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5510      | 30~5460         | 5450.95        | -42.8            | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11018.64       | -32.7            | ≤-27        | PASS    |
|            |         | 5590      | 30~5460         | 5448.42        | -45.2            | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11178.84       | -36.2            | ≤-27        | PASS    |
|            |         | 5670      | 30~5460         | 5402.99        | -45.69           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11336.91       | -34.59           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5500      | 30~5460         | 5455.84        | -42              | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11007.3        | -28.96           | ≤-27        | PASS    |
|            |         | 5600      | 30~5460         | 1756.92        | -44.92           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11200.81       | -33.87           | ≤-27        | PASS    |
|            |         | 5700      | 30~5460         | 1756.38        | -39.52           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11400          | -33.68           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5510      | 30~5460         | 5455.29        | -43.68           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11017.93       | -33.43           | ≤-27        | PASS    |
|            |         | 5590      | 30~5460         | 5439.73        | -46.13           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 24231.3        | -36.94           | ≤-27        | PASS    |
|            |         | 5670      | 30~5460         | 3082.2         | -45.28           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11339.04       | -34.36           | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5530      | 30~5460         | 2571.06        | -41.21           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11076.77       | -36.29           | ≤-27        | PASS    |
|            |         | 5610      | 30~5460         | 5457.47        | -45.5            | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 26897.93       | -36.96           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5500      | 30~5460         | 5439.55        | -42.08           | ≤-27        | PASS    |
|            |         |           | 5735~40000      | 11004.47       | -29.74           | ≤-27        | PASS    |

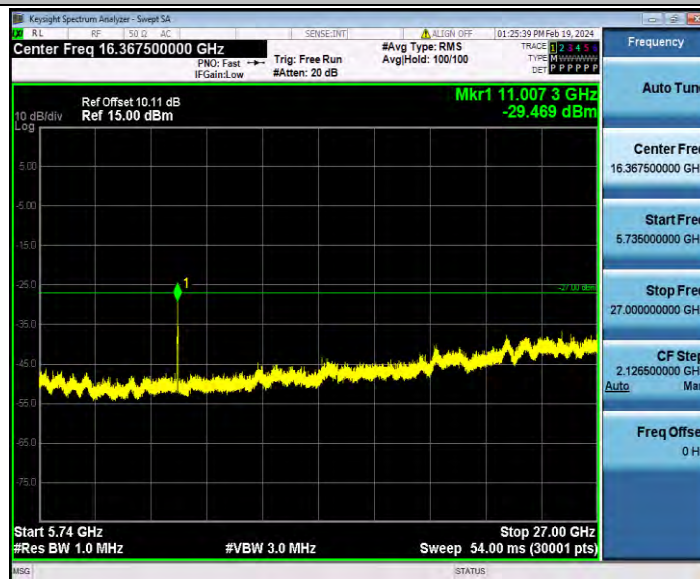
|            |      |      |            |          |        |            |      |
|------------|------|------|------------|----------|--------|------------|------|
|            |      | 5600 | 30~5460    | 4955.19  | -45.76 | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 11200.11 | -31.87 | $\leq -27$ | PASS |
|            |      | 5700 | 30~5460    | 5433.39  | -45.3  | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 11399.29 | -33.57 | $\leq -27$ | PASS |
| 11AX40SISO | Ant1 | 5510 | 30~5460    | 5448.96  | -43.64 | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 11020.77 | -35.77 | $\leq -27$ | PASS |
|            |      | 5590 | 30~5460    | 5431.76  | -46.16 | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 26784.51 | -37.21 | $\leq -27$ | PASS |
|            |      | 5670 | 30~5460    | 5407.33  | -44.99 | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 11342.58 | -35.88 | $\leq -27$ | PASS |
| 11AX80SISO | Ant1 | 5530 | 30~5460    | 1737.92  | -39.03 | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 24175.3  | -36.7  | $\leq -27$ | PASS |
|            |      | 5610 | 30~5460    | 1739.36  | -40.83 | $\leq -27$ | PASS |
|            |      |      | 5735~40000 | 24258.23 | -36.97 | $\leq -27$ | PASS |

## Test Graphs

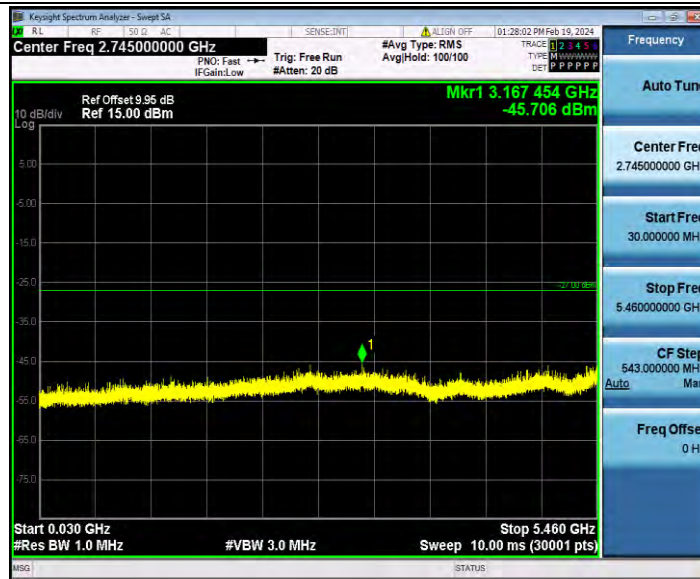
11A\_Ant1\_5500\_30~5460



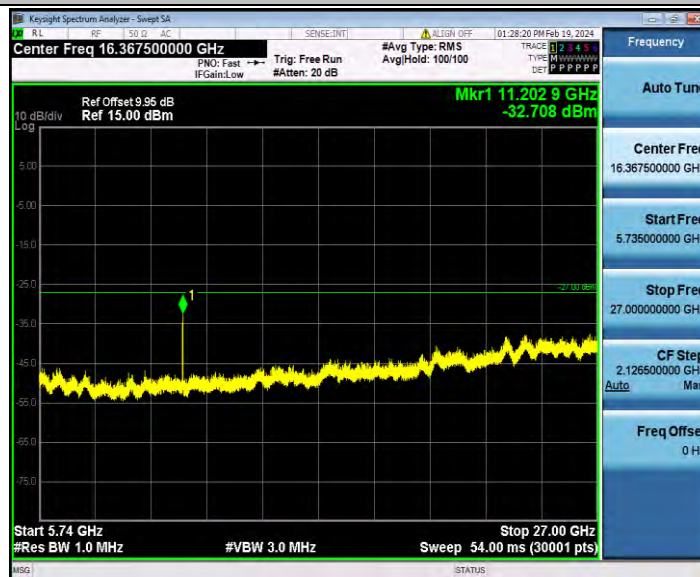
11A\_Ant1\_5500\_5735~40000



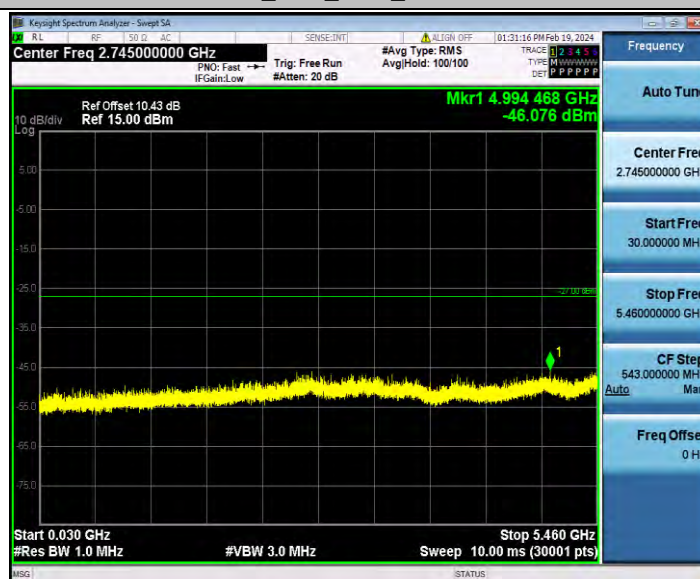
11A\_Ant1\_5600\_30~5460



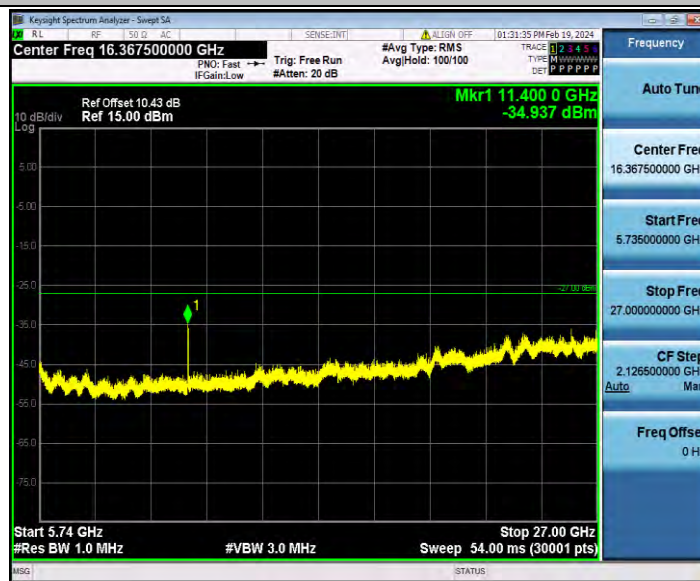
11A\_Ant1\_5600\_5735~40000



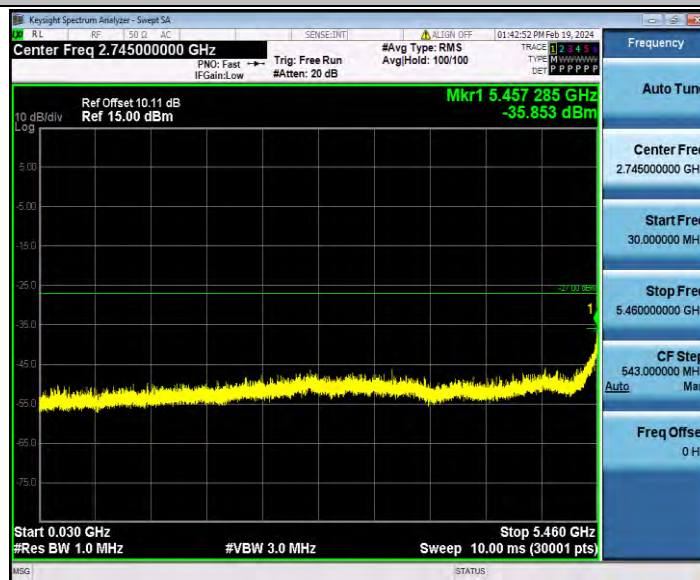
11A\_Ant1\_5700\_30~5460



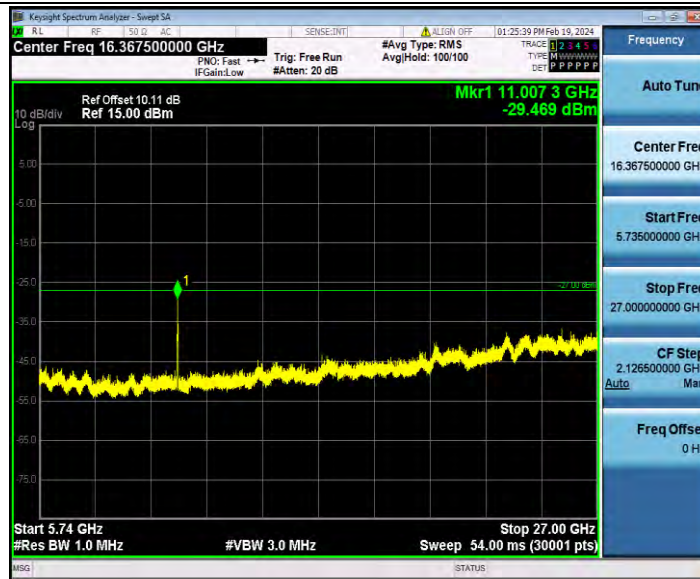
## 11A\_Ant1\_5700\_5735~40000



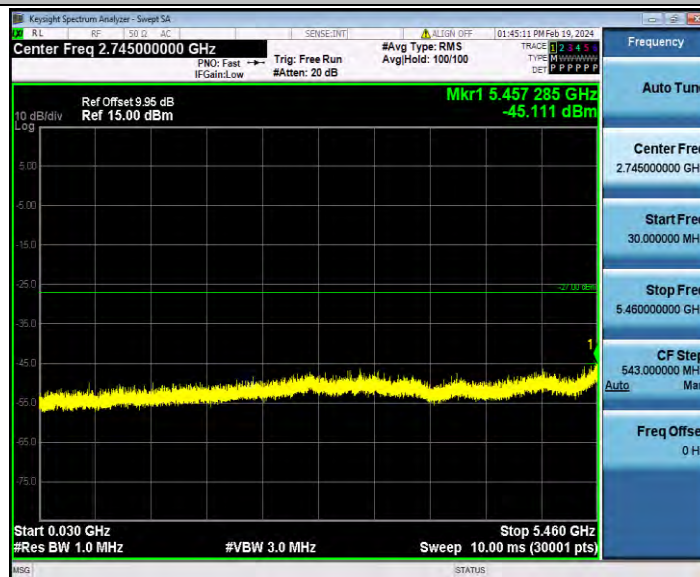
## 11N20SISO\_Ant1\_5500\_30~5460



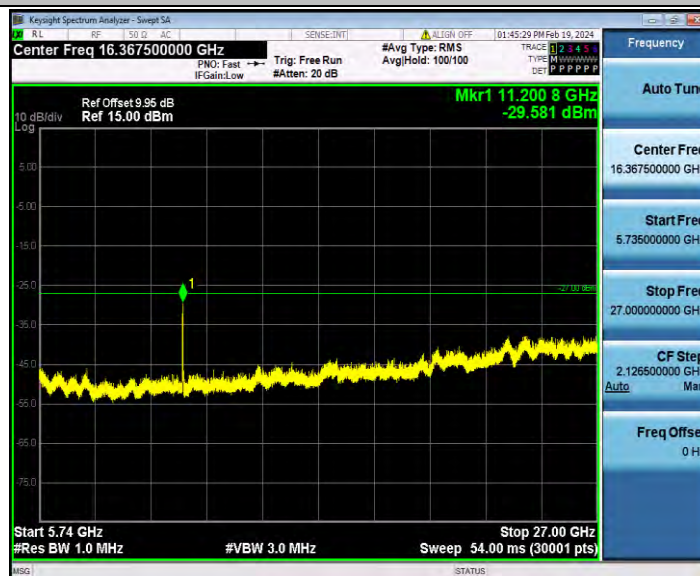
## 11N20SISO\_Ant1\_5500\_5735~40000



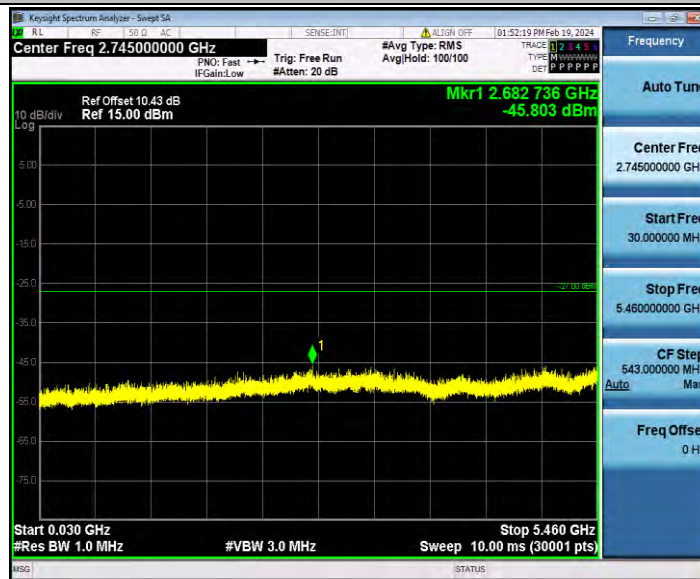
11N20SISO\_Ant1\_5600\_30~5460



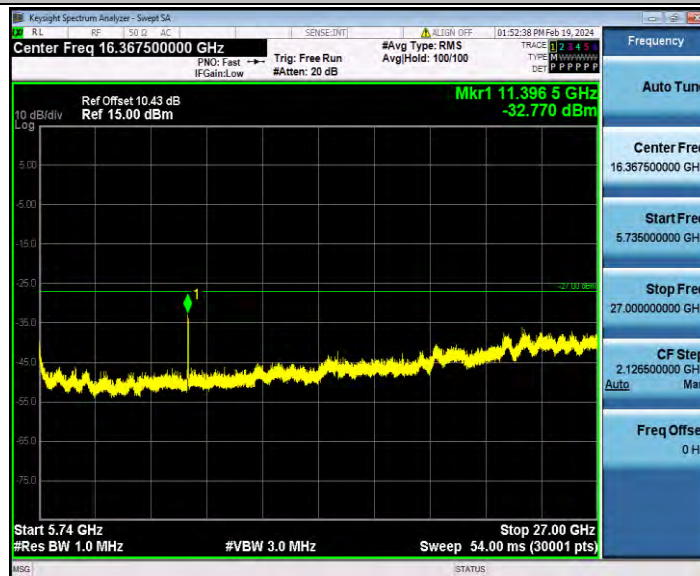
11N20SISO\_Ant1\_5600\_5735~40000



## 11N20SISO\_Ant1\_5700\_30~5460



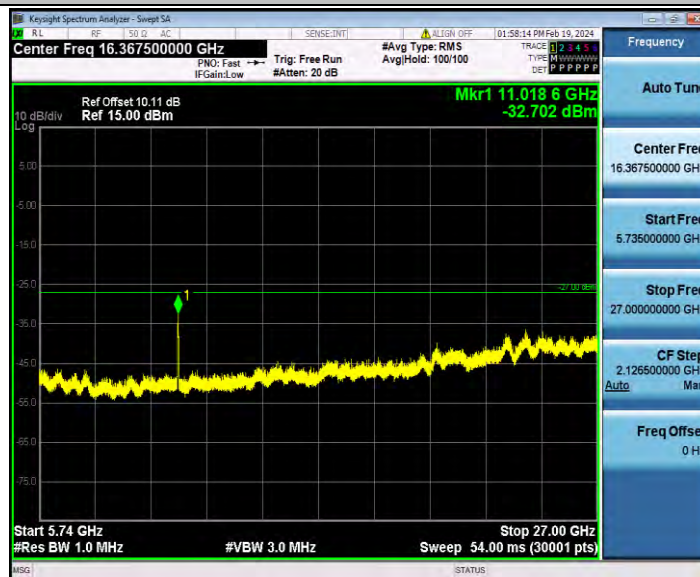
## 11N20SISO\_Ant1\_5700\_5735~40000



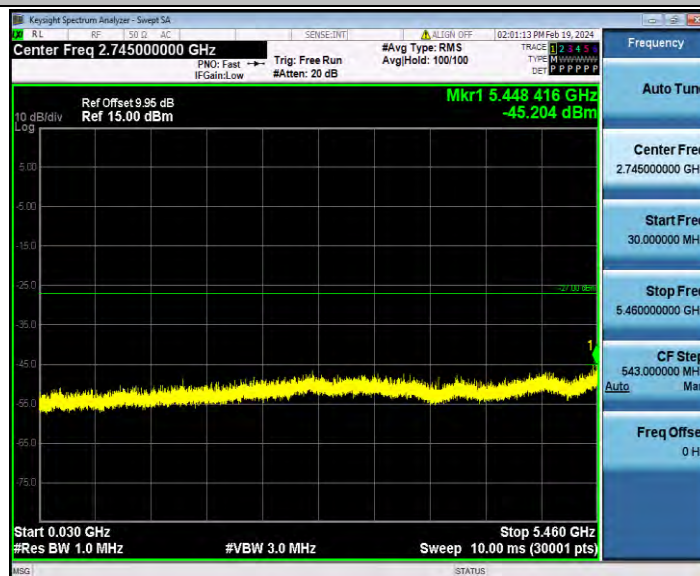
## 11N40SISO\_Ant1\_5510\_30~5460



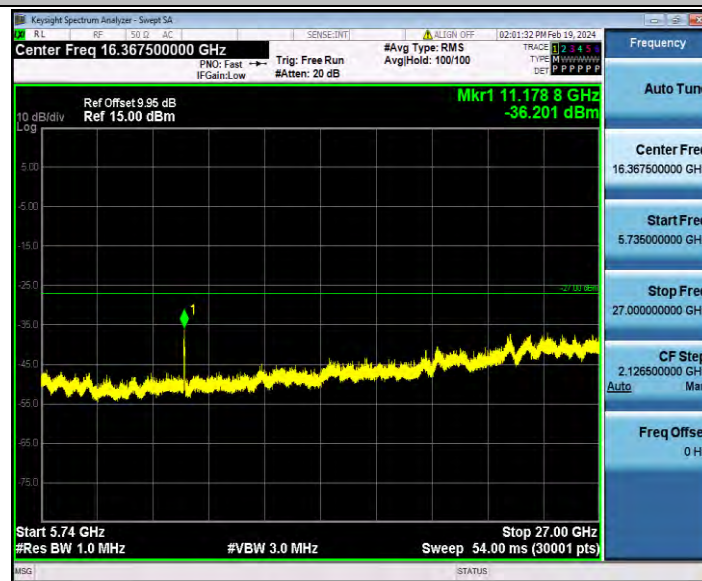
11N40SISO\_Ant1\_5510\_5735~40000



11N40SISO\_Ant1\_5590\_30~5460



## 11N40SISO\_Ant1\_5590\_5735~40000



## 11N40SISO\_Ant1\_5670\_30~5460



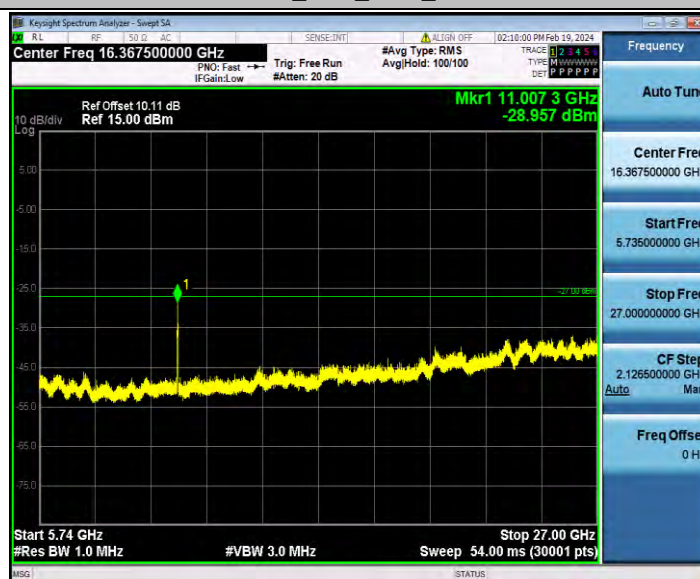
## 11N40SISO\_Ant1\_5670\_5735~40000



11AC20SISO\_Ant1\_5500\_30~5460



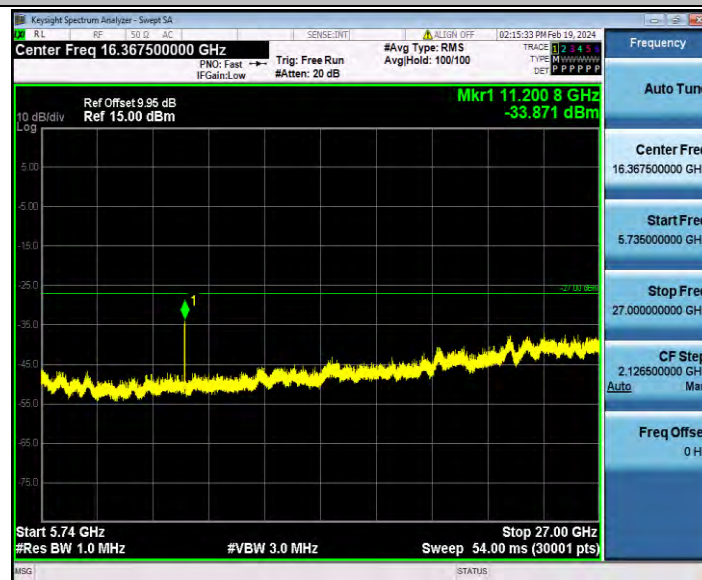
11AC20SISO\_Ant1\_5500\_5735~40000



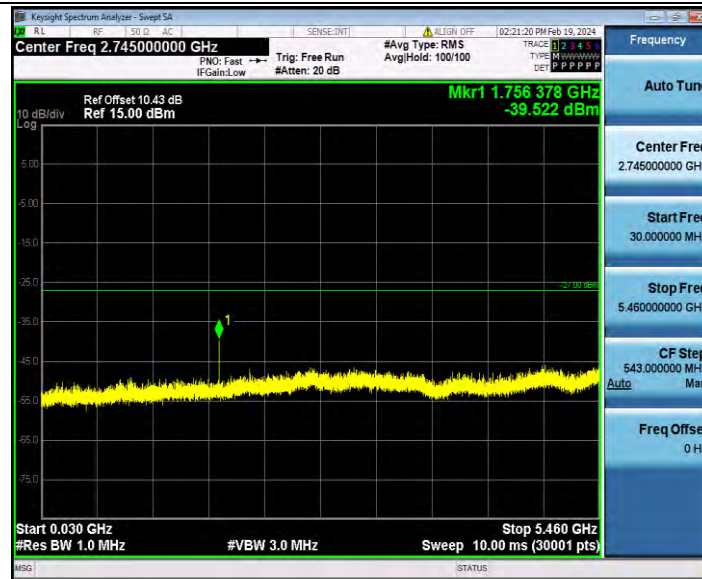
## 11AC20SISO\_Ant1\_5600\_30~5460



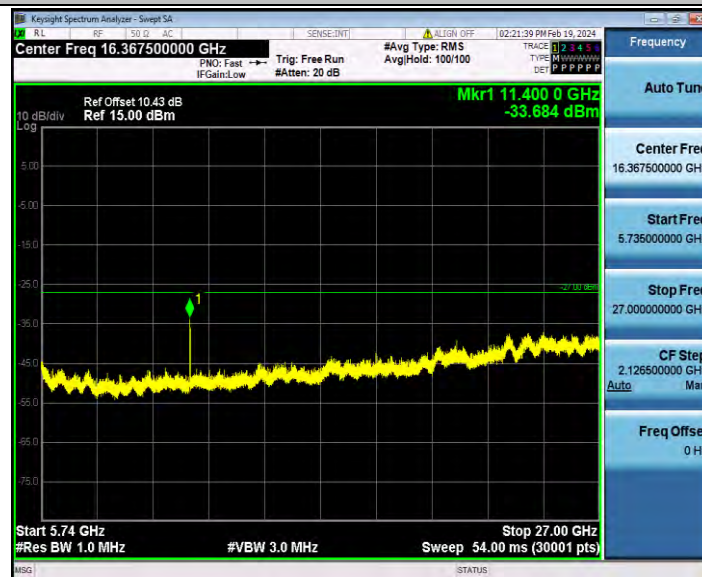
## 11AC20SISO\_Ant1\_5600\_5735~40000



## 11AC20SISO\_Ant1\_5700\_30~5460



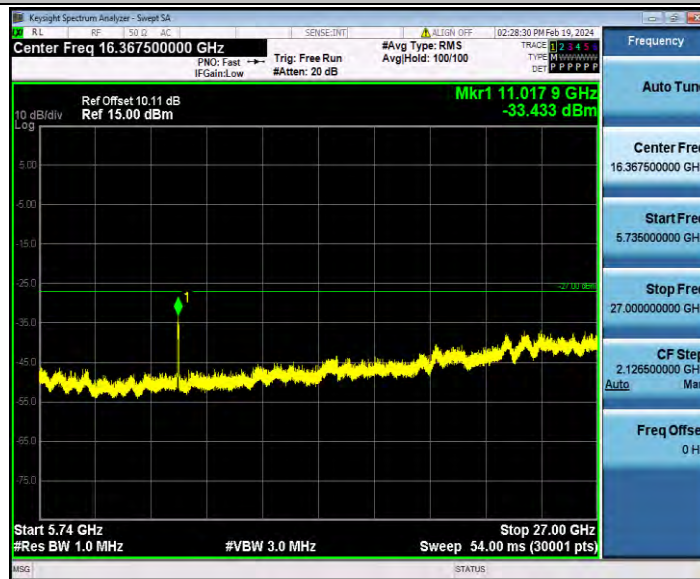
11AC20SISO\_Ant1\_5700\_5735~40000



11AC40SISO\_Ant1\_5510\_30~5460



## 11AC40SISO\_Ant1\_5510\_5735~40000



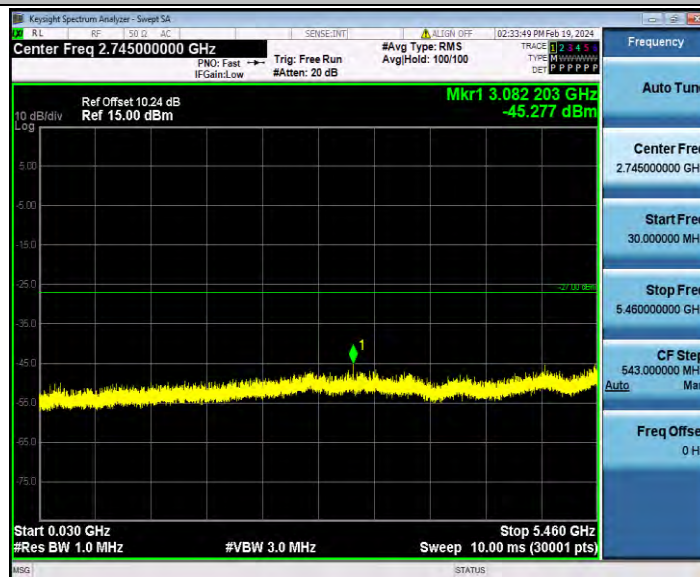
## 11AC40SISO\_Ant1\_5590\_30~5460



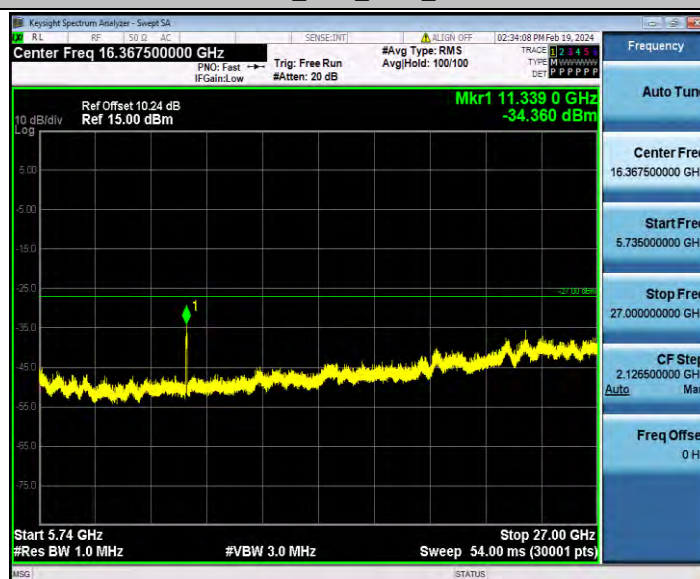
## 11AC40SISO\_Ant1\_5590\_5735~40000



11AC40SISO\_Ant1\_5670\_30~5460



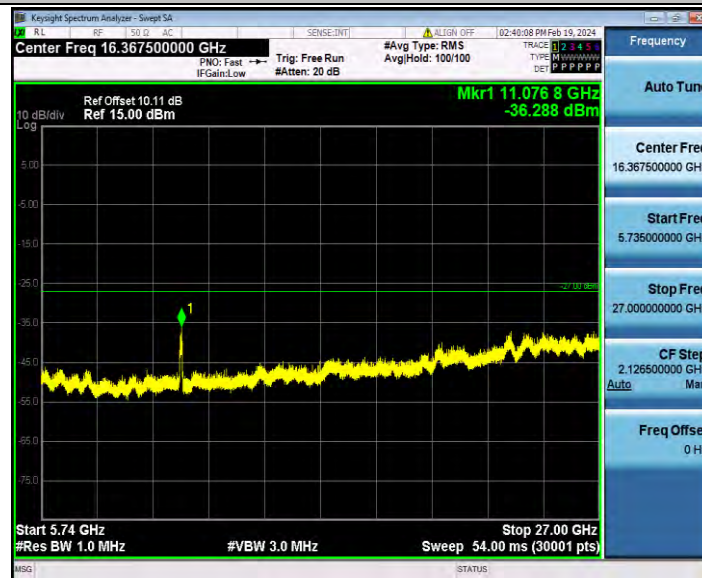
11AC40SISO\_Ant1\_5670\_5735~40000



## 11AC80SISO\_Ant1\_5530\_30~5460



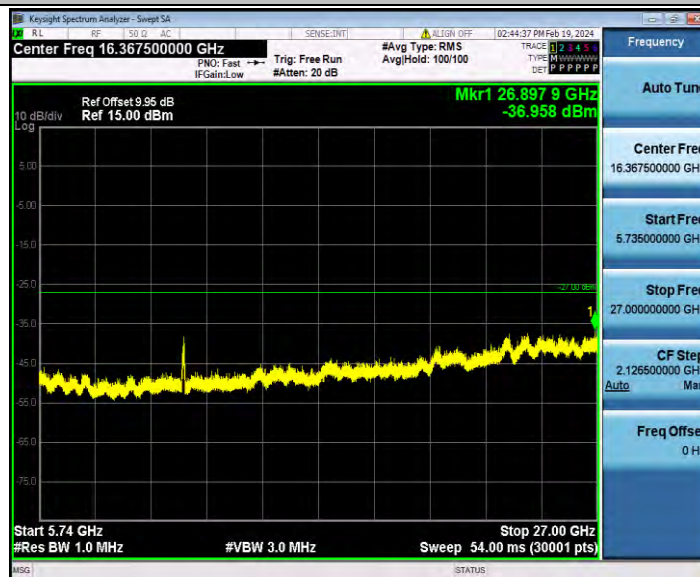
## 11AC80SISO\_Ant1\_5530\_5735~40000



## 11AC80SISO\_Ant1\_5610\_30~5460



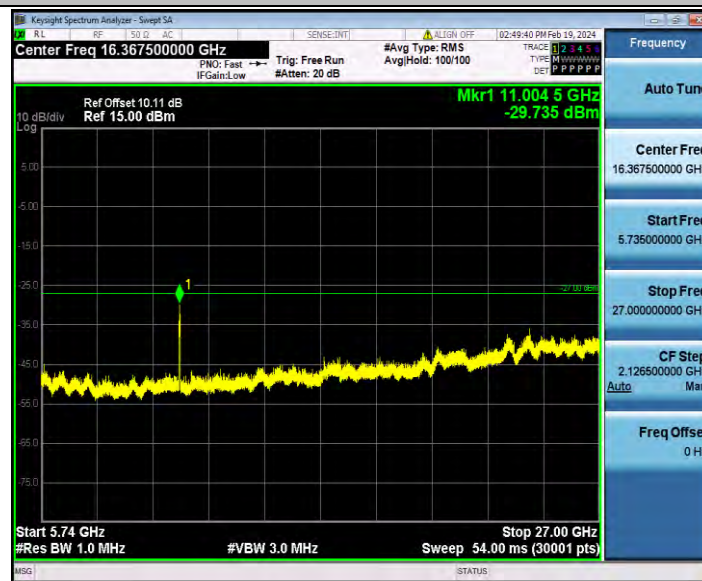
11AC80SISO\_Ant1\_5610\_5735~40000



11AX20SISO\_Ant1\_5500\_30~5460



## 11AX20SISO\_Ant1\_5500\_5735~40000



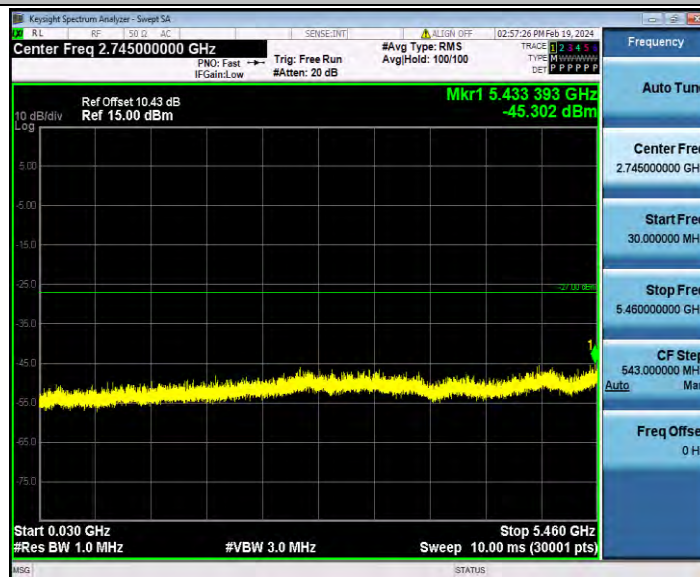
## 11AX20SISO\_Ant1\_5600\_30~5460



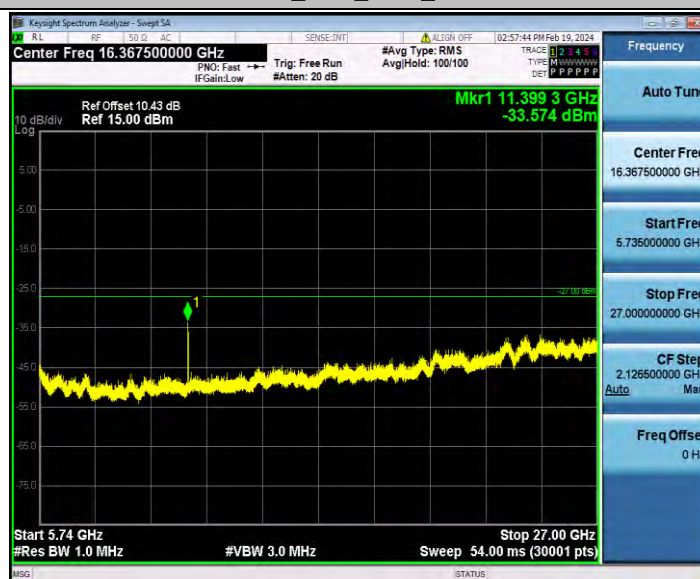
## 11AX20SISO\_Ant1\_5600\_5735~40000



11AX20SISO\_Ant1\_5700\_30~5460



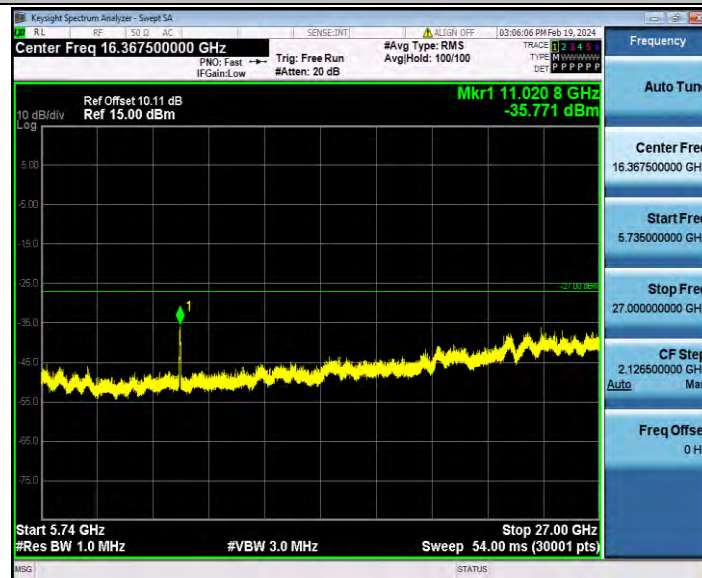
11AX20SISO\_Ant1\_5700\_5735~40000



## 11AX40SISO\_Ant1\_5510\_30~5460



## 11AX40SISO\_Ant1\_5510\_5735~40000



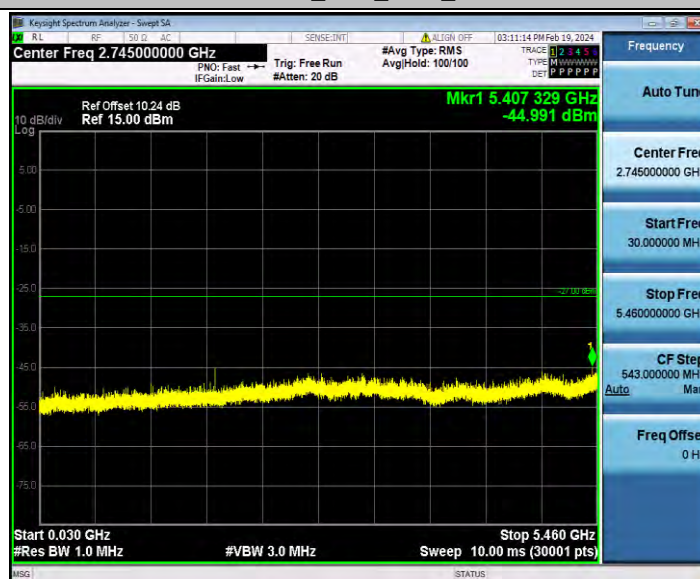
## 11AX40SISO\_Ant1\_5590\_30~5460

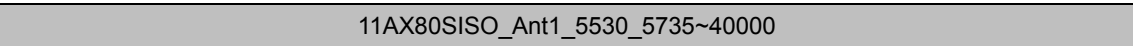
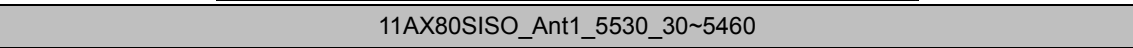


11AX40SISO\_Ant1\_5590\_5735~40000



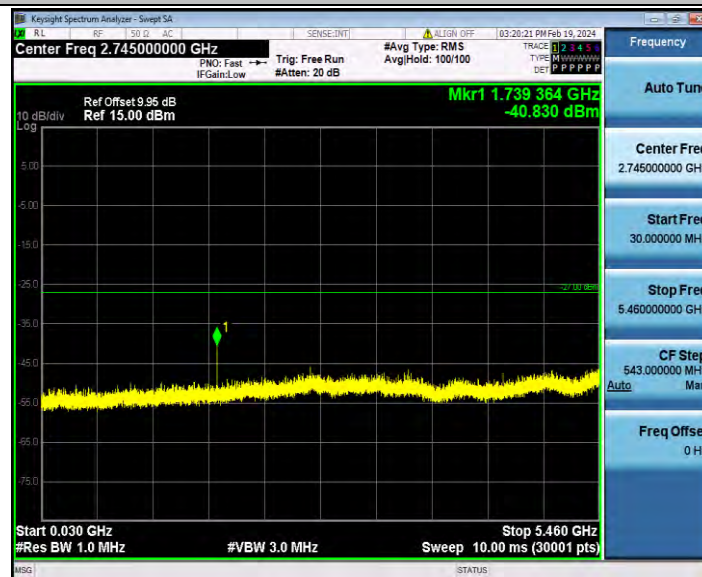
11AX40SISO\_Ant1\_5670\_30~5460



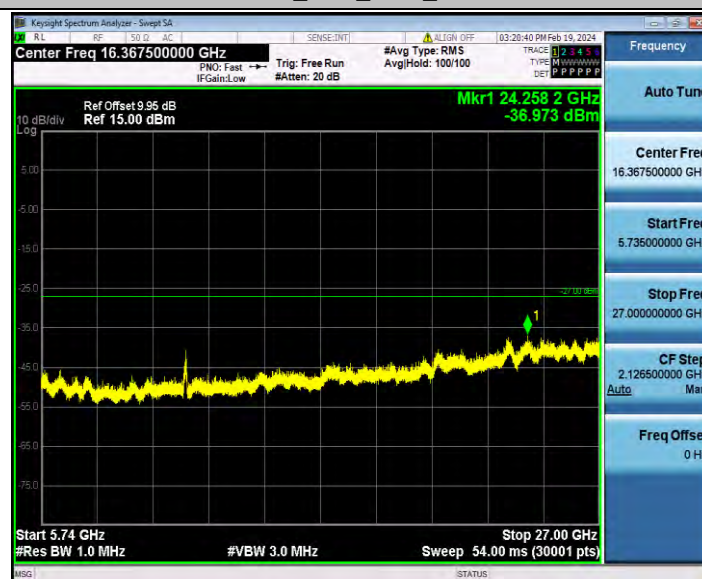




11AX80SISO\_Ant1\_5610\_30~5460



11AX80SISO\_Ant1\_5610\_5735~40000



## Appendix F.8: Emissions in Restricted Bands

### Test Result

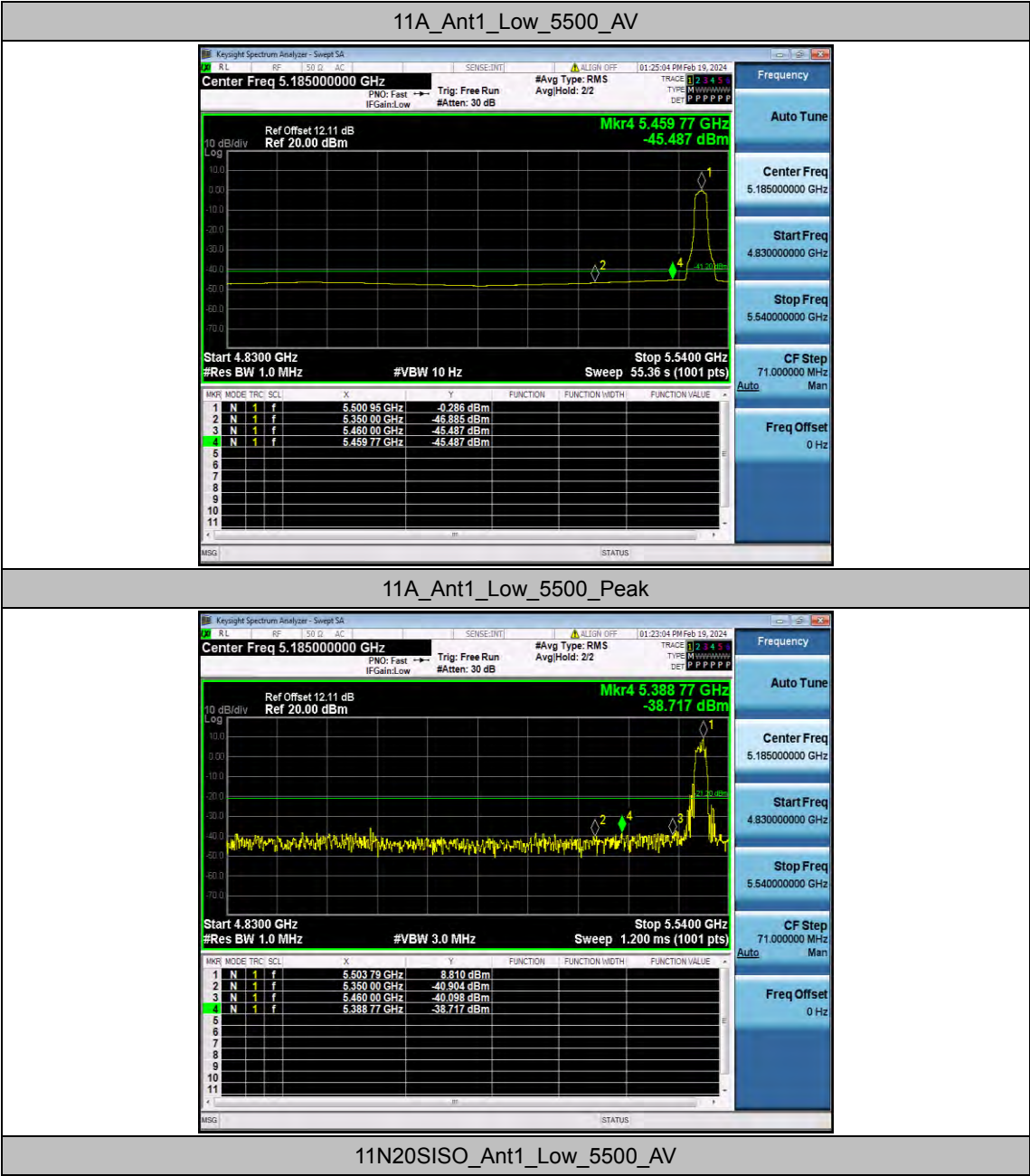
| TestMode       | Antenna | ChName | Freq (MHz) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------------|---------|--------|------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| 11A            | Ant1    | Low    | 5500       | AV       | 5350.000   | -46.89       | ≤-41.20     | 48.31           | ≤54            | PASS    |
|                |         |        |            | AV       | 5459.770   | -45.49       | ≤-41.20     | 49.71           | ≤54            | PASS    |
|                |         |        |            | AV       | 5460.000   | -45.49       | ≤-41.20     | 49.71           | ≤54            | PASS    |
|                |         |        |            | Peak     | 5350.000   | -40.9        | ≤-21.20     | 54.30           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5388.770   | -38.72       | ≤-21.20     | 56.48           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5460.000   | -40.1        | ≤-21.20     | 55.10           | ≤74            | PASS    |
| 11N20SIS<br>O  | Ant1    | Low    | 5500       | AV       | 5350.000   | -46.18       | ≤-41.20     | 49.02           | ≤54            | PASS    |
|                |         |        |            | AV       | 5459.770   | -42.08       | ≤-41.20     | 53.12           | ≤54            | PASS    |
|                |         |        |            | AV       | 5460.000   | -42.08       | ≤-41.20     | 53.12           | ≤54            | PASS    |
|                |         |        |            | Peak     | 5350.000   | -43.68       | ≤-21.20     | 51.52           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5442.730   | -35.01       | ≤-21.20     | 60.19           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5460.000   | -39.55       | ≤-21.20     | 55.65           | ≤74            | PASS    |
| 11N40SIS<br>O  | Ant1    | Low    | 5510       | AV       | 5350.000   | -46.67       | ≤-41.20     | 48.53           | ≤54            | PASS    |
|                |         |        |            | AV       | 5456.280   | -45.14       | ≤-41.20     | 50.06           | ≤54            | PASS    |
|                |         |        |            | AV       | 5460.000   | -45.22       | ≤-41.20     | 49.98           | ≤54            | PASS    |
|                |         |        |            | Peak     | 5350.000   | -44.97       | ≤-21.20     | 50.23           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5455.570   | -36.59       | ≤-21.20     | 58.61           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5460.000   | -40.55       | ≤-21.20     | 54.65           | ≤74            | PASS    |
| 11AC20SI<br>SO | Ant1    | Low    | 5500       | AV       | 5350.000   | -46.61       | ≤-41.20     | 48.59           | ≤54            | PASS    |
|                |         |        |            | AV       | 5459.770   | -44.98       | ≤-41.20     | 50.22           | ≤54            | PASS    |
|                |         |        |            | AV       | 5460.000   | -44.98       | ≤-41.20     | 50.22           | ≤54            | PASS    |
|                |         |        |            | Peak     | 5350.000   | -43.69       | ≤-21.20     | 51.51           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5426.400   | -38.23       | ≤-21.20     | 56.97           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5460.000   | -42.86       | ≤-21.20     | 52.34           | ≤74            | PASS    |
| 11AC40SI<br>SO | Ant1    | Low    | 5510       | AV       | 5350.000   | -46.65       | ≤-41.20     | 48.55           | ≤54            | PASS    |
|                |         |        |            | AV       | 5455.570   | -45.21       | ≤-41.20     | 49.99           | ≤54            | PASS    |
|                |         |        |            | AV       | 5460.000   | -45.24       | ≤-41.20     | 49.96           | ≤54            | PASS    |
|                |         |        |            | Peak     | 5350.000   | -44.77       | ≤-21.20     | 50.43           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5452.020   | -36.79       | ≤-21.20     | 58.41           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5460.000   | -40.04       | ≤-21.20     | 55.16           | ≤74            | PASS    |
| 11AC80SI<br>SO | Ant1    | Low    | 5530       | AV       | 5350.000   | -46.77       | ≤-41.20     | 48.43           | ≤54            | PASS    |
|                |         |        |            | AV       | 5457.110   | -45.13       | ≤-41.20     | 50.07           | ≤54            | PASS    |
|                |         |        |            | AV       | 5460.000   | -45.41       | ≤-41.20     | 49.79           | ≤54            | PASS    |
|                |         |        |            | Peak     | 5350.000   | -45.21       | ≤-21.20     | 49.99           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5432.260   | -39.43       | ≤-21.20     | 55.77           | ≤74            | PASS    |
|                |         |        |            | Peak     | 5460.000   | -40.39       | ≤-21.20     | 54.81           | ≤74            | PASS    |
| 11AX20SI       | Ant1    | Low    | 5500       | AV       | 5350.000   | -46.62       | ≤-41.20     | 48.58           | ≤54            | PASS    |

|                |      |     |      |      |          |        |               |       |           |      |
|----------------|------|-----|------|------|----------|--------|---------------|-------|-----------|------|
| SO             |      |     |      | AV   | 5459.770 | -45.01 | $\leq -41.20$ | 50.19 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5460.000 | -45.01 | $\leq -41.20$ | 50.19 | $\leq 54$ | PASS |
|                |      |     |      | Peak | 5350.000 | -41    | $\leq -21.20$ | 54.20 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5409.360 | -37.12 | $\leq -21.20$ | 58.08 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5460.000 | -40.63 | $\leq -21.20$ | 54.57 | $\leq 74$ | PASS |
| 11AX40SI<br>SO | Ant1 | Low | 5510 | AV   | 5350.000 | -46.69 | $\leq -41.20$ | 48.51 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5458.410 | -45.39 | $\leq -41.20$ | 49.81 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5460.000 | -45.4  | $\leq -41.20$ | 49.80 | $\leq 54$ | PASS |
|                |      |     |      | Peak | 5350.000 | -40.58 | $\leq -21.20$ | 54.62 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5455.570 | -38.06 | $\leq -21.20$ | 57.14 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5460.000 | -40.53 | $\leq -21.20$ | 54.67 | $\leq 74$ | PASS |
| 11AX80SI<br>SO | Ant1 | Low | 5530 | AV   | 5350.000 | -46.7  | $\leq -41.20$ | 48.50 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5457.820 | -45    | $\leq -41.20$ | 50.20 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5460.000 | -45.3  | $\leq -41.20$ | 49.90 | $\leq 54$ | PASS |
|                |      |     |      | Peak | 5350.000 | -44.47 | $\leq -21.20$ | 50.73 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5402.440 | -37.42 | $\leq -21.20$ | 57.78 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5460.000 | -43    | $\leq -21.20$ | 52.20 | $\leq 74$ | PASS |

## Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

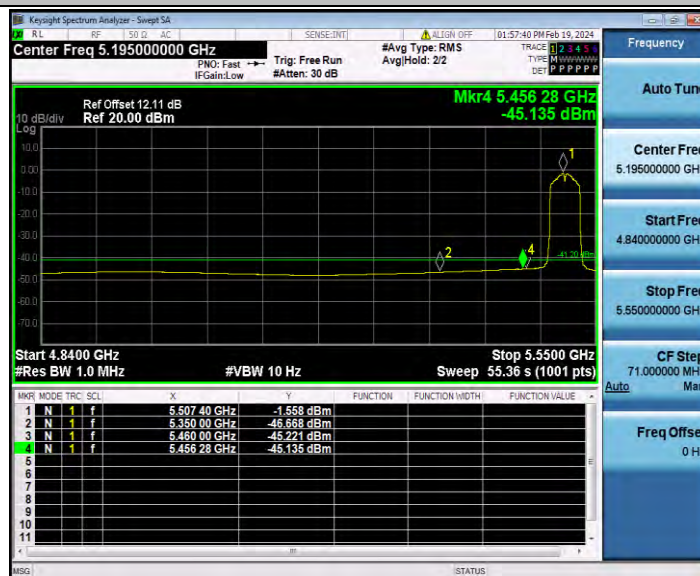




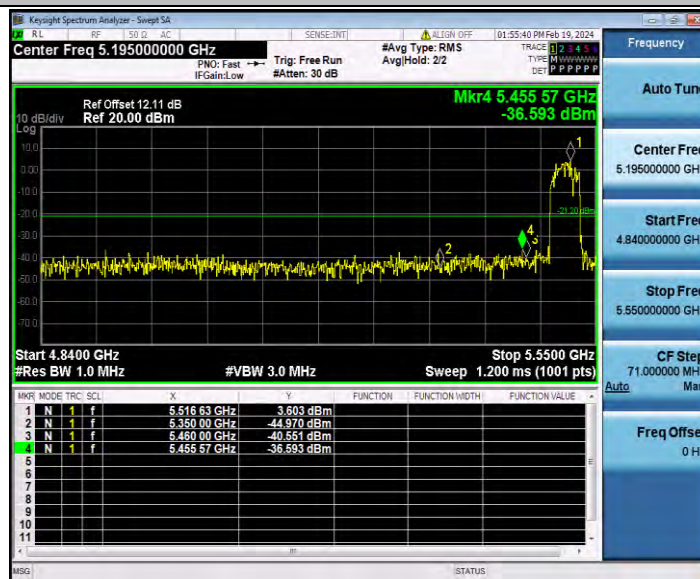
11N20SISO\_Ant1\_Low\_5500\_Peak



11N40SISO\_Ant1\_Low\_5510\_AV



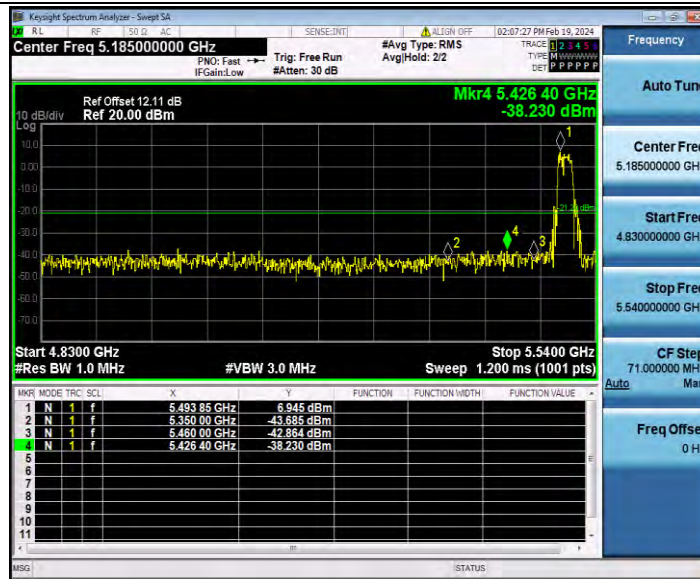
## 11N40SISO\_Ant1\_Low\_5510\_Peak



## 11AC20SISO\_Ant1\_Low\_5500\_AV



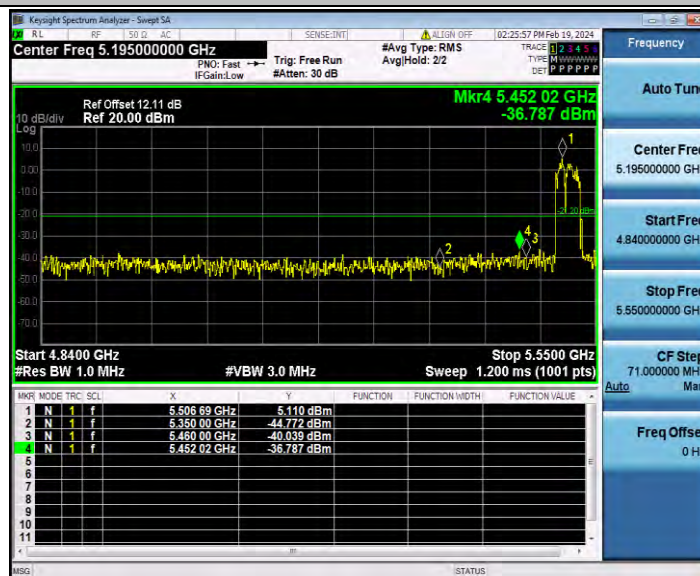
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11AC40SISO\_Ant1\_Low\_5510\_AV



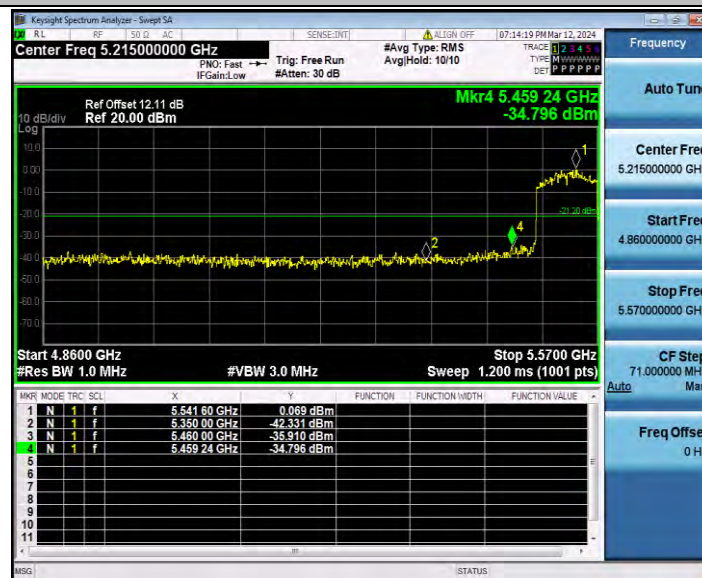
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## 11AC80SISO\_Ant1\_Low\_5530\_AV



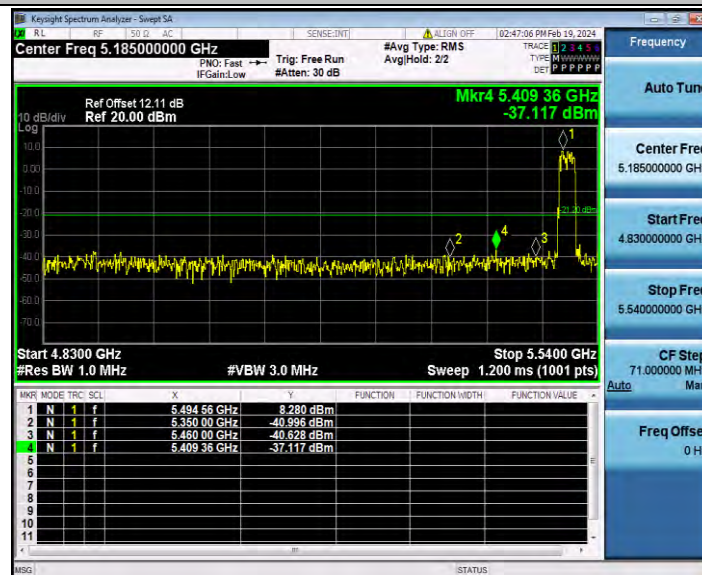
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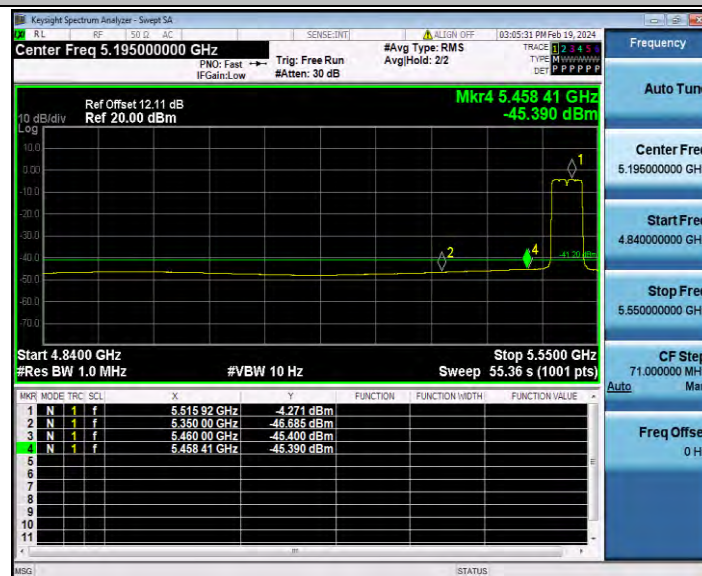
## 11AX20SISO\_Ant1\_Low\_5500\_AV



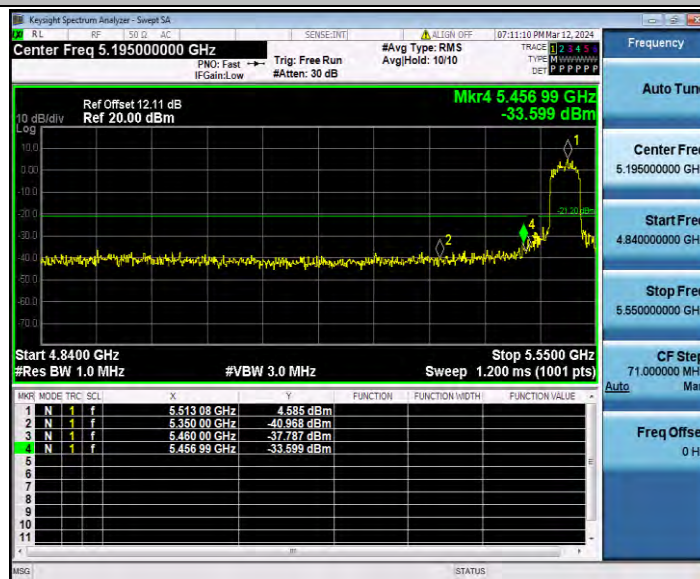
11AX20SISO\_Ant1\_Low\_5500\_Peak



11AX40SISO\_Ant1\_Low\_5510\_AV



## 11AX40SISO\_Ant1\_Low\_5510\_Peak



## 11AX80SISO\_Ant1\_Low\_5530\_AV



## 11AX80SISO\_Ant1\_Low\_5530\_Peak

