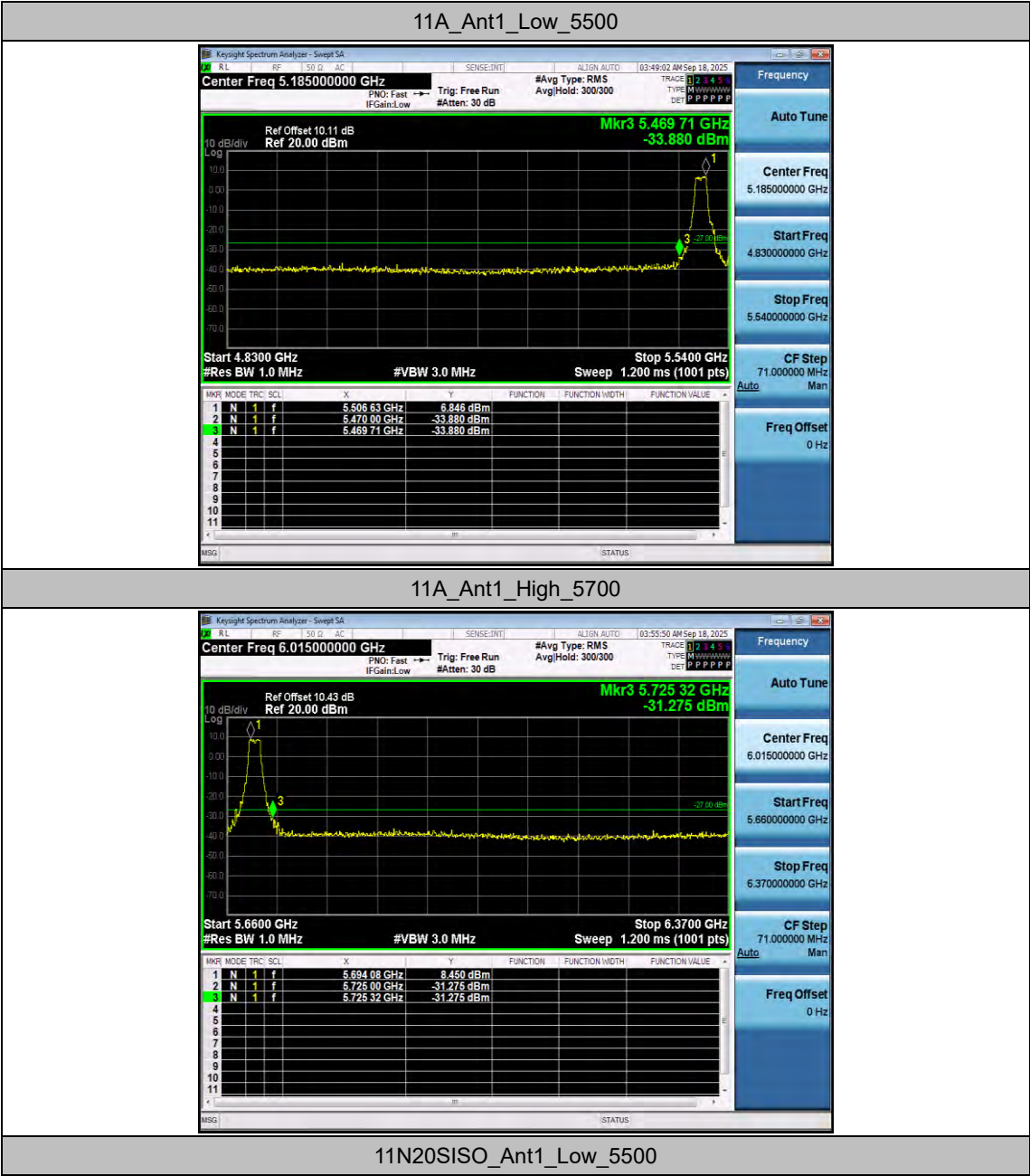


## Appendix F.6: Band edge measurements

### Test Result B3

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant1    | Low    | 5500      | -33.88      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -31.28      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant1    | Low    | 5500      | -33.41      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -28.92      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant1    | Low    | 5510      | -29.65      | $\leq -27$ | PASS    |
|            |         | High   | 5670      | -33.51      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant1    | Low    | 5500      | -32.11      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -31.6       | $\leq -27$ | PASS    |
| 11AC40SISO | Ant1    | Low    | 5510      | -30.51      | $\leq -27$ | PASS    |
|            |         | High   | 5670      | -33.59      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant1    | Low    | 5530      | -35.36      | $\leq -27$ | PASS    |
|            |         | High   | 5610      | -37.4       | $\leq -27$ | PASS    |
| 11AX20SISO | Ant1    | Low    | 5500      | -35.05      | $\leq -27$ | PASS    |
|            |         | High   | 5700      | -33.22      | $\leq -27$ | PASS    |
| 11AX40SISO | Ant1    | Low    | 5510      | -31.64      | $\leq -27$ | PASS    |
|            |         | High   | 5670      | -35.29      | $\leq -27$ | PASS    |
| 11AX80SISO | Ant1    | Low    | 5530      | -30.61      | $\leq -27$ | PASS    |
|            |         | High   | 5610      | -37.21      | $\leq -27$ | PASS    |

Test GraphsB3

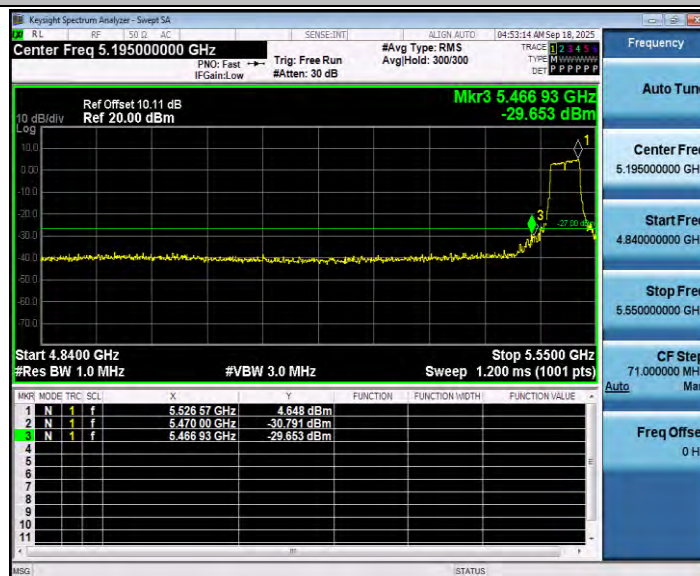




11N20SISO\_Ant1\_High\_5700



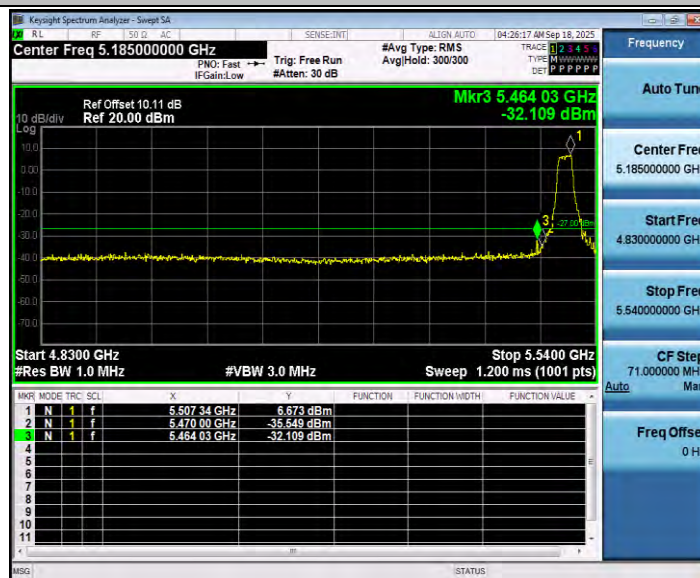
11N40SISO\_Ant1\_Low\_5510



## 11N40SISO\_Ant1\_High\_5670



## 11AC20SISO\_Ant1\_Low\_5500



## 11AC20SISO\_Ant1\_High\_5700



11AC40SISO\_Ant1\_Low\_5510



11AC40SISO\_Ant1\_High\_5670



## 11AC80SISO\_Ant1\_Low\_5530



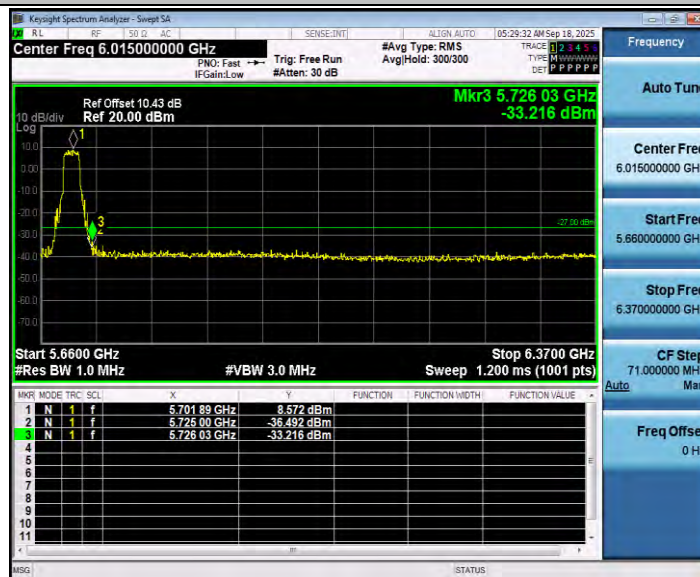
## 11AC80SISO\_Ant1\_High\_5610



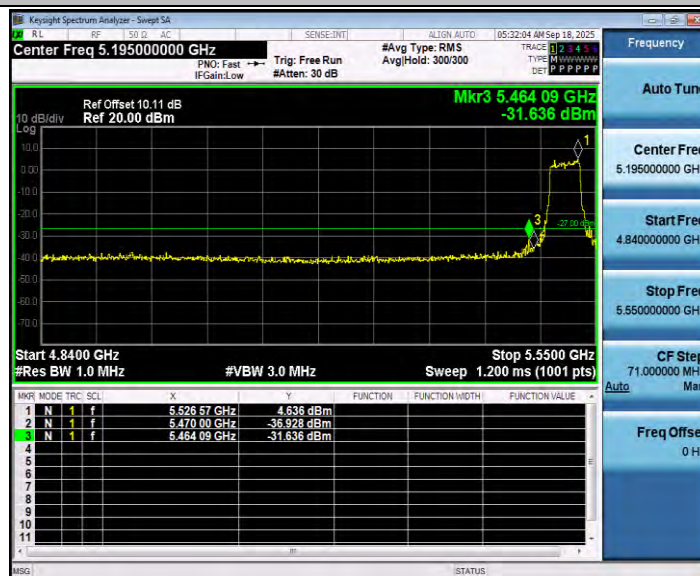
## 11AX20SISO\_Ant1\_Low\_5500



11AX20SISO\_Ant1\_High\_5700



11AX40SISO\_Ant1\_Low\_5510



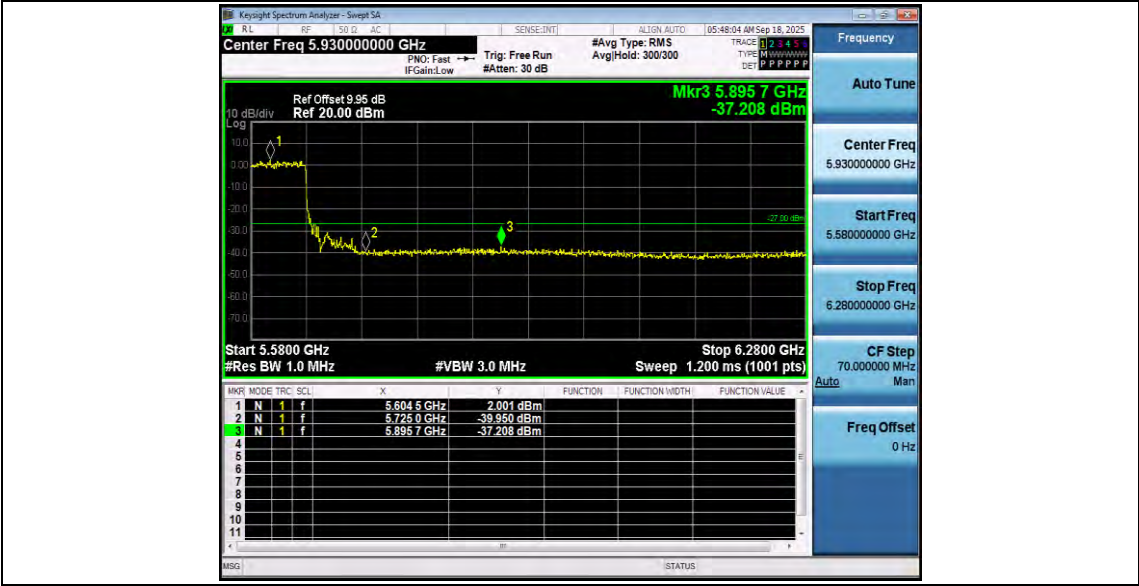
## 11AX40SISO\_Ant1\_High\_5670



## 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         | 5454.39        | -39.59           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 23468.59       | -36.77           | ≤-27        | PASS    |
|            |         | 5580      | 30~5460         | 5460           | -45.38           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 24867.83       | -36.65           | ≤-27        | PASS    |
|            |         | 5700      | 30~5460         | 2533.23        | -45.25           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 24282.33       | -36.45           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5500      | 30~5460         | 5457.65        | -39.74           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 25259.81       | -36.74           | ≤-27        | PASS    |
|            |         | 5580      | 30~5460         | 2408.34        | -45.53           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 23502.62       | -37.01           | ≤-27        | PASS    |
|            |         | 5700      | 30~5460         | 2411.78        | -44.37           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 26969.52       | -36.13           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5510      | 30~5460         | 5459.64        | -36.74           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 23530.97       | -35.35           | ≤-27        | PASS    |
|            |         | 5590      | 30~5460         | 2410.15        | -45.73           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 26710.09       | -37.22           | ≤-27        | PASS    |
|            |         | 5670      | 30~5460         | 2410.87        | -44.07           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 25551.85       | -36.36           | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5500      | 30~5460         | 5458.55        | -41.96           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 26698.75       | -36.86           | ≤-27        | PASS    |
|            |         | 5580      | 30~5460         | 2660.47        | -46.03           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 24229.17       | -37.17           | ≤-27        | PASS    |
|            |         | 5700      | 30~5460         | 3296.15        | -45.68           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 23564.28       | -36.54           | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5510      | 30~5460         | 5456.74        | -33.78           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 23479.93       | -36.87           | ≤-27        | PASS    |
|            |         | 5590      | 30~5460         | 3588.28        | -45.87           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 24210.74       | -37.08           | ≤-27        | PASS    |
|            |         | 5670      | 30~5460         | 2410.87        | -44.83           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 26835.55       | -36.37           | ≤-27        | PASS    |
| 11AC80SISO | Ant1    | 5530      | 30~5460         | 5445.16        | -28.33           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 26111.83       | -36.74           | ≤-27        | PASS    |
|            |         | 5610      | 30~5460         | 2441.1         | -43.61           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 26495.31       | -36.93           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5500      | 30~5460         | 5459.28        | -40.85           | ≤-27        | PASS    |
|            |         |           | 5735~27000      | 24196.56       | -36.59           | ≤-27        | PASS    |

|            |      |      |            |          |        |            |      |
|------------|------|------|------------|----------|--------|------------|------|
|            |      | 5580 | 30~5460    | 5439     | -45.81 | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 23587.68 | -37.1  | $\leq -27$ | PASS |
|            |      | 5700 | 30~5460    | 3072.97  | -45.76 | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 24249.02 | -36.8  | $\leq -27$ | PASS |
| 11AX40SISO | Ant1 | 5510 | 30~5460    | 5457.83  | -37.24 | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 26981.57 | -36.94 | $\leq -27$ | PASS |
|            |      | 5590 | 30~5460    | 2675.68  | -46.6  | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 24239.09 | -37.36 | $\leq -27$ | PASS |
|            |      | 5670 | 30~5460    | 2412.14  | -45.96 | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 24249.73 | -37.02 | $\leq -27$ | PASS |
| 11AX80SISO | Ant1 | 5530 | 30~5460    | 5455.84  | -32.15 | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 26498.85 | -37.18 | $\leq -27$ | PASS |
|            |      | 5610 | 30~5460    | 5446.06  | -45.98 | $\leq -27$ | PASS |
|            |      |      | 5735~27000 | 25162.7  | -37.02 | $\leq -27$ | PASS |

## Test Graphs

11A\_Ant1\_5500\_30~5460



11A\_Ant1\_5500\_5735~27000



11A\_Ant1\_5580\_30~5460



11A\_Ant1\_5580\_5735~27000



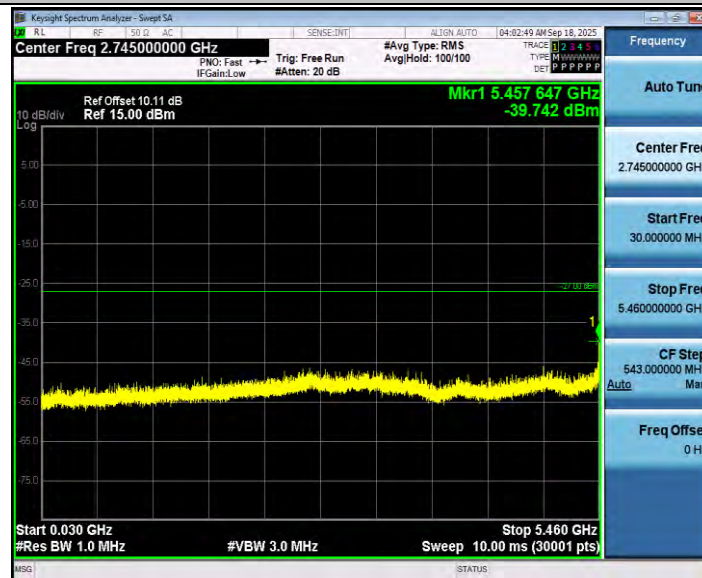
11A\_Ant1\_5700\_30~5460



## 11A\_Ant1\_5700\_5735~27000



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



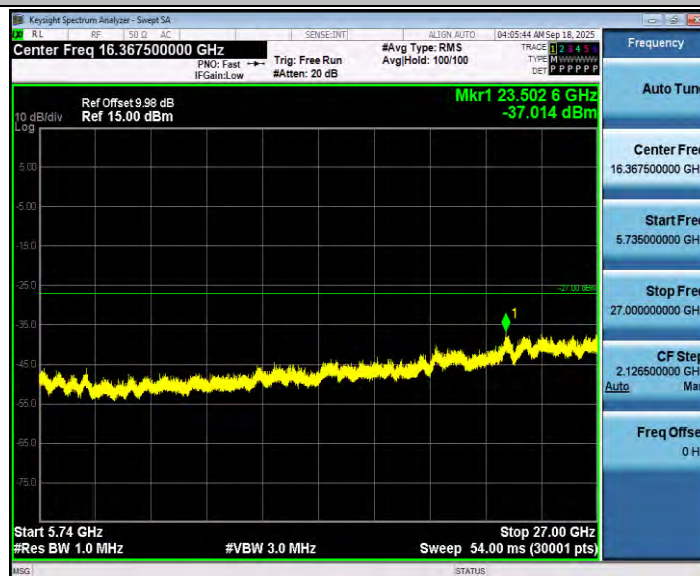
## 11N20SISO\_Ant1\_5500\_5735~27000



11N20SISO\_Ant1\_5580\_30~5460



11N20SISO\_Ant1\_5580\_5735~27000



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



## 11N20SISO\_Ant1\_5700\_5735~27000



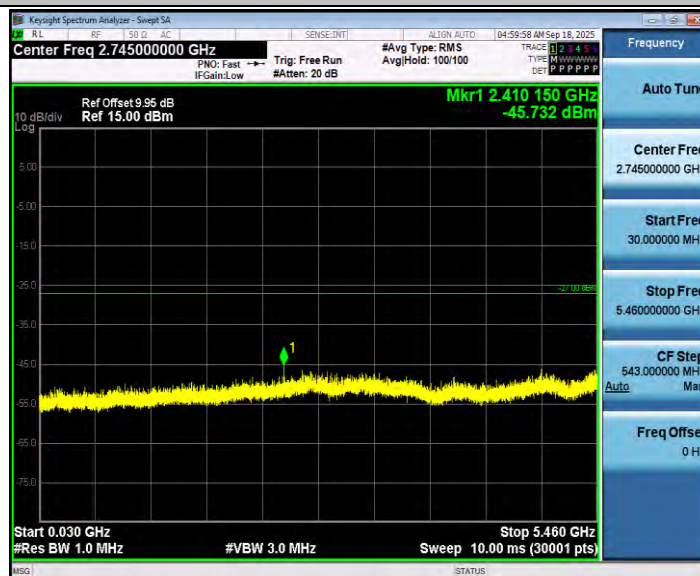
## 11N40SISO\_Ant1\_5510\_30~5460



11N40SISO\_Ant1\_5510\_5735~27000



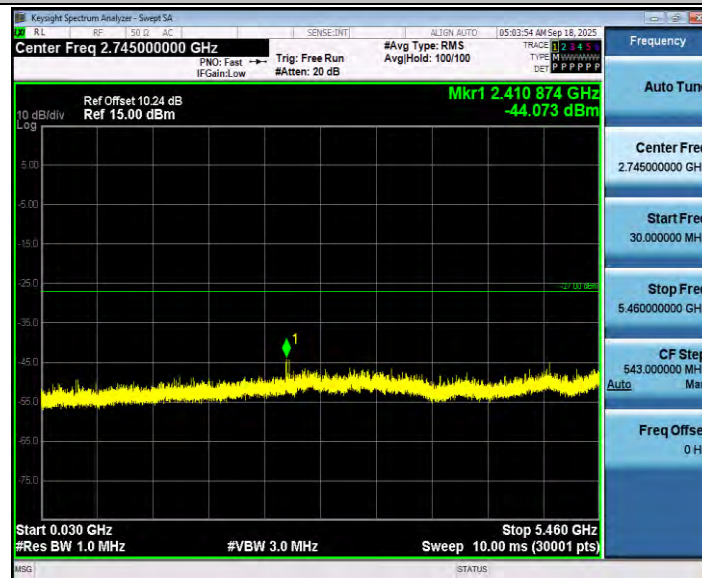
11N40SISO\_Ant1\_5590\_30~5460



## 11N40SISO\_Ant1\_5590\_5735~27000



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



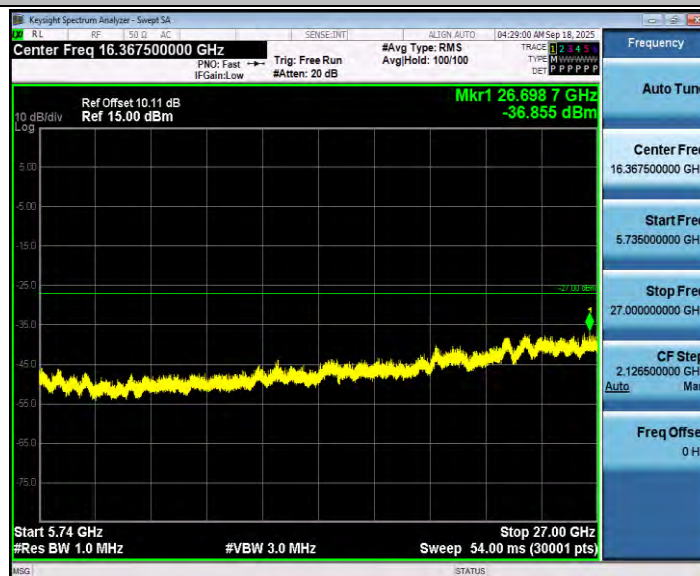
## 11N40SISO\_Ant1\_5670\_5735~27000



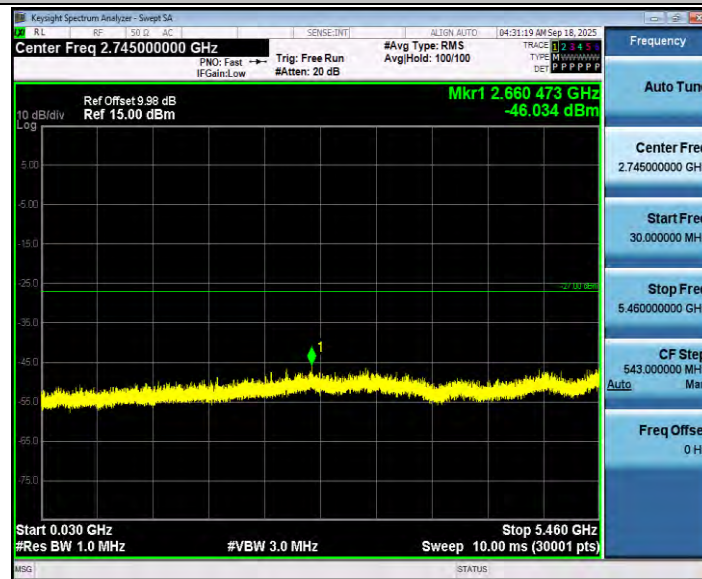
11AC20SISO\_Ant1\_5500\_30~5460



11AC20SISO\_Ant1\_5500\_5735~27000



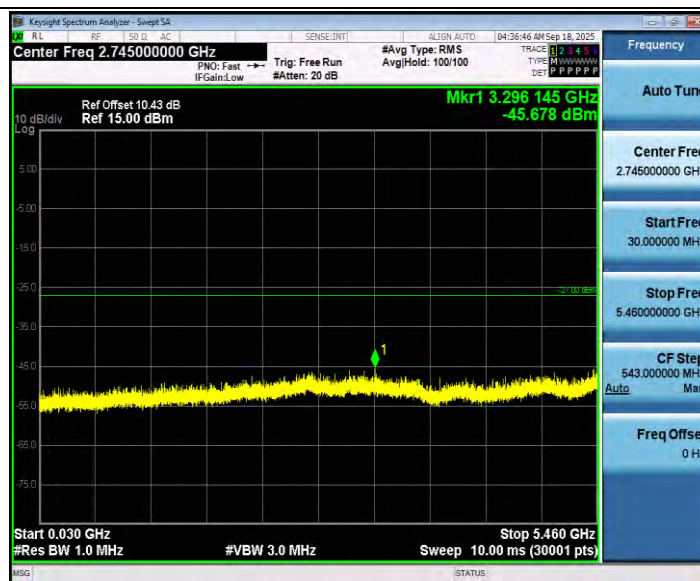
## 11AC20SISO\_Ant1\_5580\_30~5460



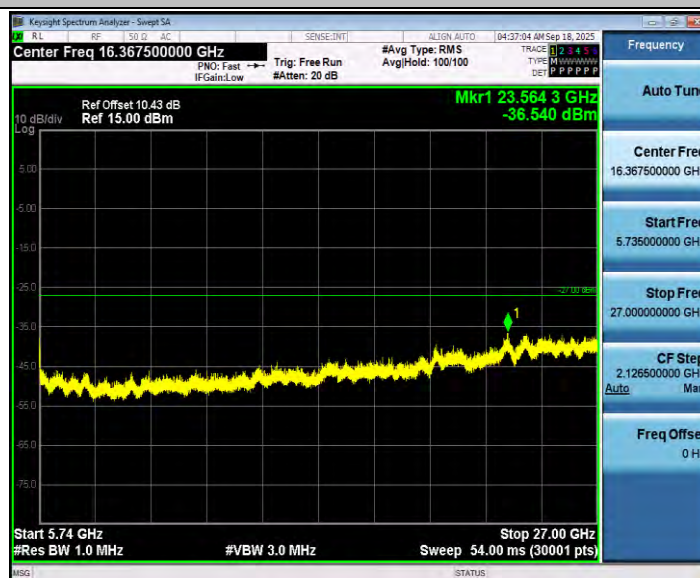
## 11AC20SISO\_Ant1\_5580\_5735~27000



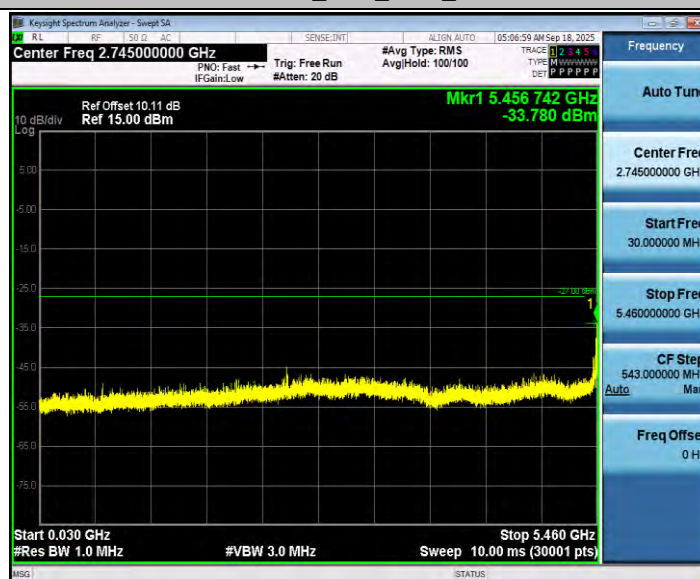
## 11AC20SISO\_Ant1\_5700\_30~5460



11AC20SISO\_Ant1\_5700\_5735~27000



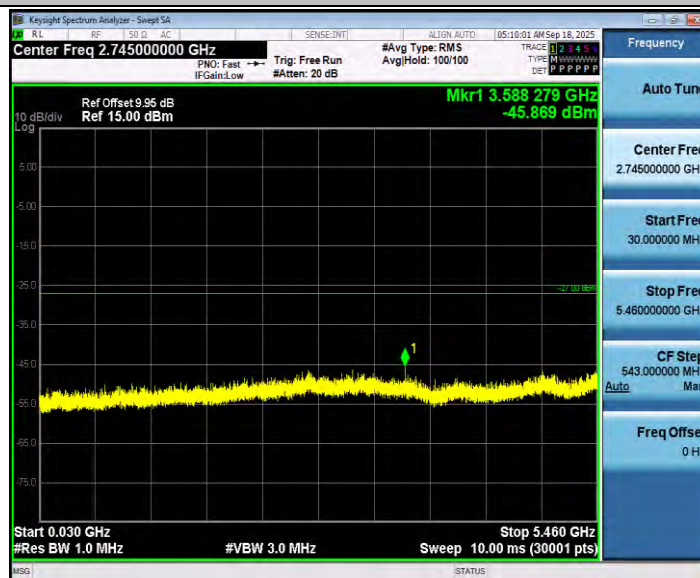
11AC40SISO\_Ant1\_5510\_30~5460



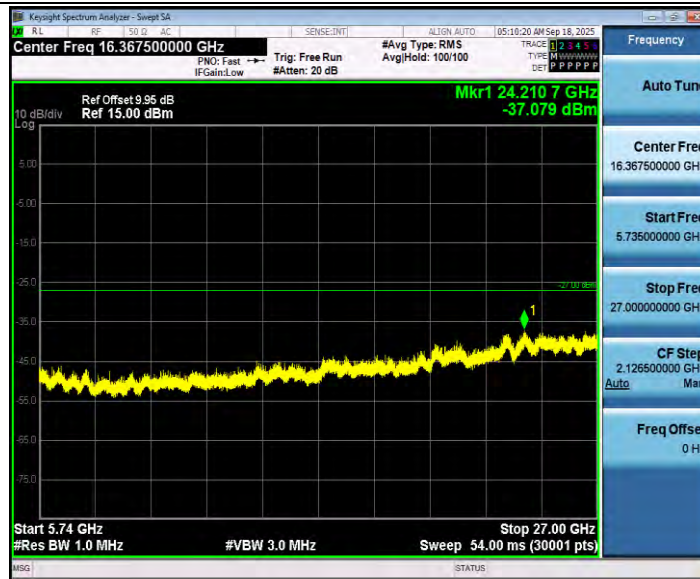
## 11AC40SISO\_Ant1\_5510\_5735~27000



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



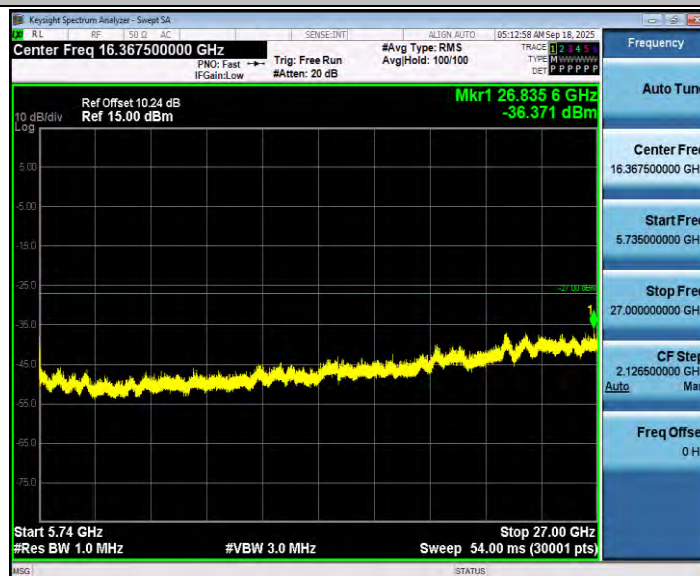
## 11AC40SISO\_Ant1\_5590\_5735~27000



11AC40SISO\_Ant1\_5670\_30~5460



11AC40SISO\_Ant1\_5670\_5735~27000



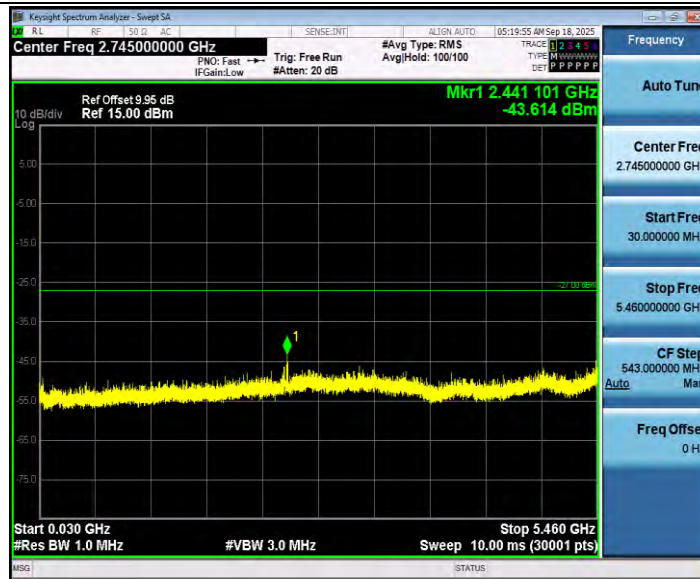
## 11AC80SISO\_Ant1\_5530\_30~5460



## 11AC80SISO\_Ant1\_5530\_5735~27000



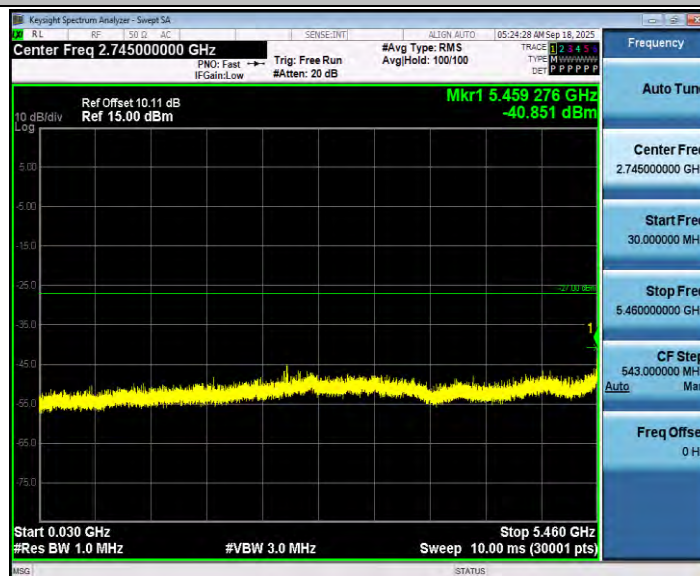
## 11AC80SISO\_Ant1\_5610\_30~5460



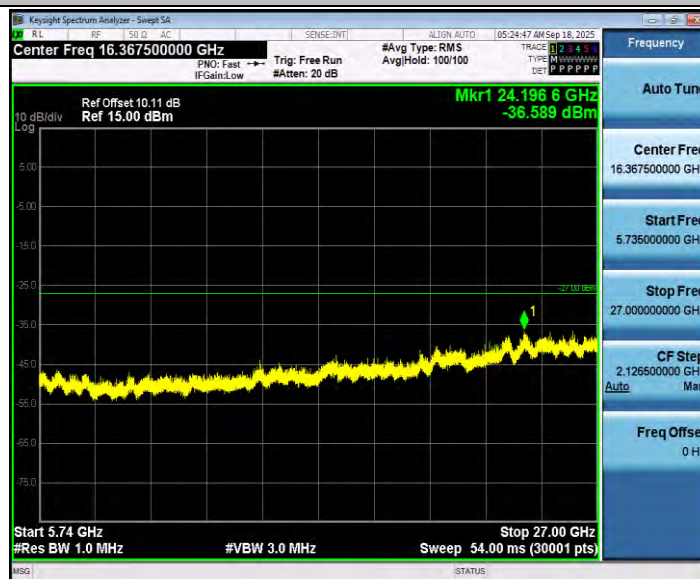
11AC80SISO\_Ant1\_5610\_5735~27000



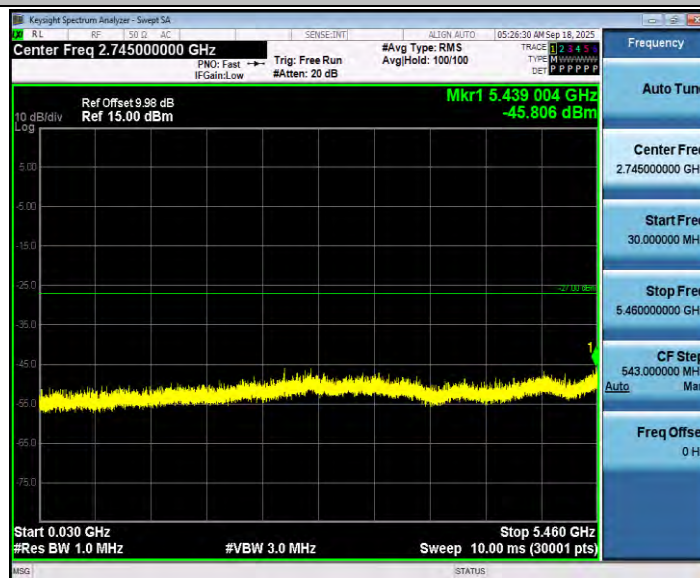
11AX20SISO\_Ant1\_5500\_30~5460



## 11AX20SISO\_Ant1\_5500\_5735~27000



## 11AX20SISO\_Ant1\_5580\_30~5460



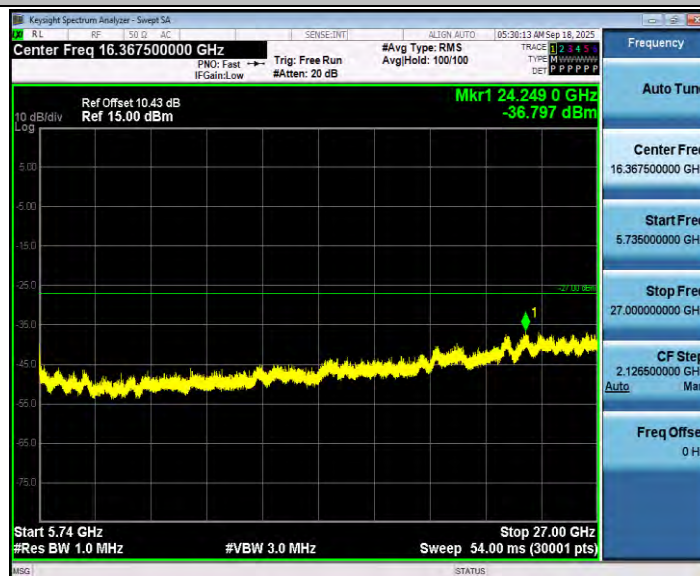
## 11AX20SISO\_Ant1\_5580\_5735~27000



11AX20SISO\_Ant1\_5700\_30~5460



11AX20SISO\_Ant1\_5700\_5735~27000



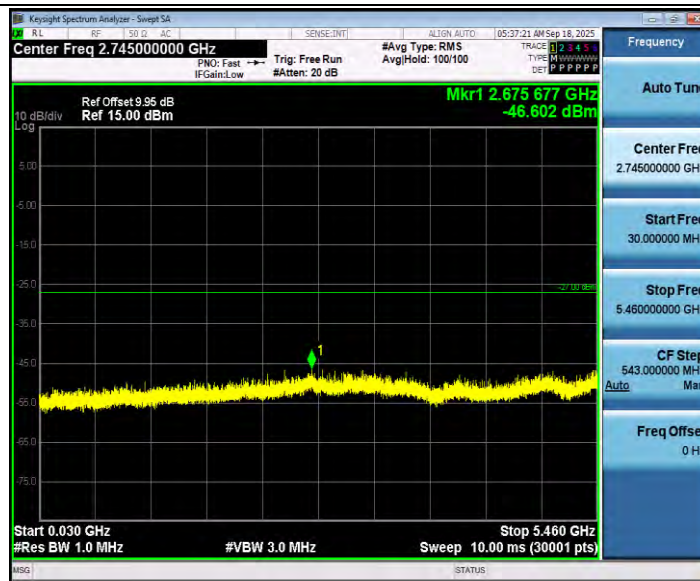
## 11AX40SISO\_Ant1\_5510\_30~5460



## 11AX40SISO\_Ant1\_5510\_5735~27000



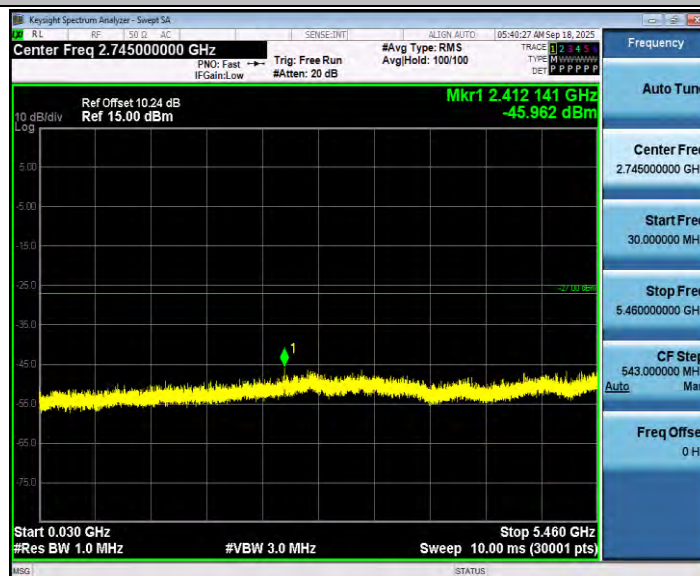
## 11AX40SISO\_Ant1\_5590\_30~5460



11AX40SISO\_Ant1\_5590\_5735~27000



11AX40SISO\_Ant1\_5670\_30~5460



## 11AX40SISO\_Ant1\_5670\_5735~27000



## 11AX80SISO\_Ant1\_5530\_30~5460



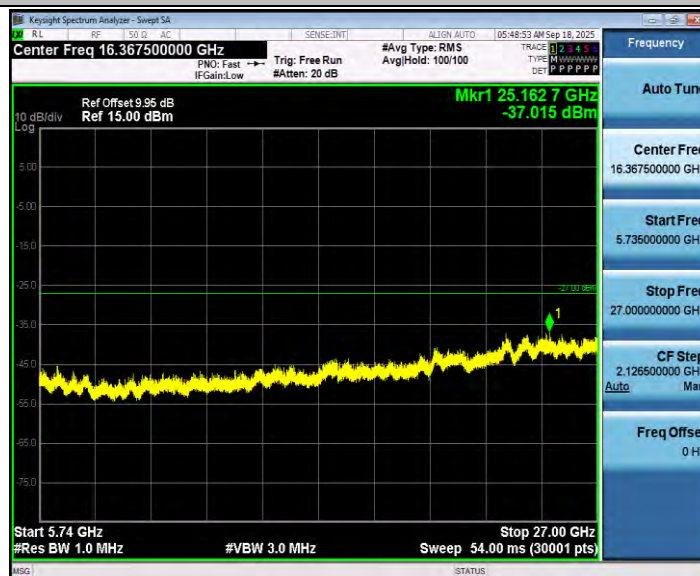
## 11AX80SISO\_Ant1\_5530\_5735~27000



11AX80SISO\_Ant1\_5610\_30~5460



11AX80SISO\_Ant1\_5610\_5735~27000



## Appendix F.8: Emissions in Restricted Bands

### Test Result

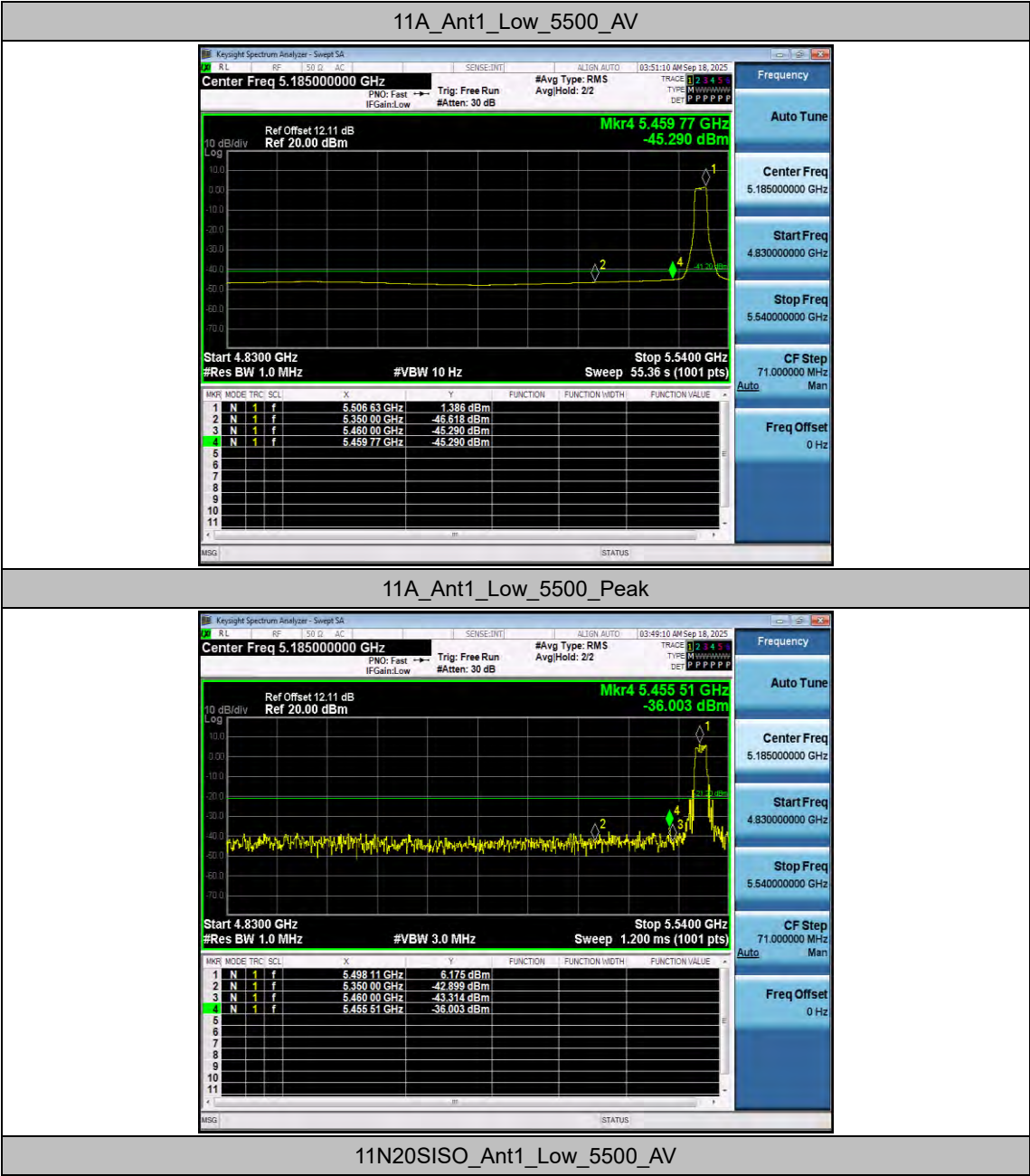
| TestMode   | Antenna | ChName | Freq(MHz) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|------------|---------|--------|-----------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| 11A        | Ant1    | Low    | 5500      | AV       | 5350.000   | -46.62       | ≤-41.20     | 48.58           | ≤54            | PASS    |
|            |         |        |           | AV       | 5459.770   | -45.29       | ≤-41.20     | 49.91           | ≤54            | PASS    |
|            |         |        |           | AV       | 5460.000   | -45.29       | ≤-41.20     | 49.91           | ≤54            | PASS    |
|            |         |        |           | Peak     | 5350.000   | -42.9        | ≤-21.20     | 52.30           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5455.510   | -36          | ≤-21.20     | 59.20           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5460.000   | -43.31       | ≤-21.20     | 51.89           | ≤74            | PASS    |
| 11N20SISO  | Ant1    | Low    | 5500      | AV       | 5350.000   | -46.63       | ≤-41.20     | 48.57           | ≤54            | PASS    |
|            |         |        |           | AV       | 5458.350   | -45.31       | ≤-41.20     | 49.89           | ≤54            | PASS    |
|            |         |        |           | AV       | 5460.000   | -45.36       | ≤-41.20     | 49.84           | ≤54            | PASS    |
|            |         |        |           | Peak     | 5350.000   | -39.22       | ≤-21.20     | 55.98           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5450.540   | -37.93       | ≤-21.20     | 57.27           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5460.000   | -44.52       | ≤-21.20     | 50.68           | ≤74            | PASS    |
| 11N40SISO  | Ant1    | Low    | 5510      | AV       | 5350.000   | -46.64       | ≤-41.20     | 48.56           | ≤54            | PASS    |
|            |         |        |           | AV       | 5459.830   | -44.33       | ≤-41.20     | 50.87           | ≤54            | PASS    |
|            |         |        |           | AV       | 5460.000   | -44.33       | ≤-41.20     | 50.87           | ≤54            | PASS    |
|            |         |        |           | Peak     | 5350.000   | -42.35       | ≤-21.20     | 52.85           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5447.760   | -36.6        | ≤-21.20     | 58.60           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5460.000   | -40.51       | ≤-21.20     | 54.69           | ≤74            | PASS    |
| 11AC20SISO | Ant1    | Low    | 5500      | AV       | 5350.000   | -46.66       | ≤-41.20     | 48.54           | ≤54            | PASS    |
|            |         |        |           | AV       | 5459.770   | -45.25       | ≤-41.20     | 49.95           | ≤54            | PASS    |
|            |         |        |           | AV       | 5460.000   | -45.25       | ≤-41.20     | 49.95           | ≤54            | PASS    |
|            |         |        |           | Peak     | 5350.000   | -44.51       | ≤-21.20     | 50.69           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5433.500   | -37.94       | ≤-21.20     | 57.26           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5460.000   | -42.81       | ≤-21.20     | 52.39           | ≤74            | PASS    |
| 11AC40SISO | Ant1    | Low    | 5510      | AV       | 5350.000   | -46.6        | ≤-41.20     | 48.60           | ≤54            | PASS    |
|            |         |        |           | AV       | 5459.830   | -44.01       | ≤-41.20     | 51.19           | ≤54            | PASS    |
|            |         |        |           | AV       | 5460.000   | -44.01       | ≤-41.20     | 51.19           | ≤54            | PASS    |
|            |         |        |           | Peak     | 5350.000   | -43.99       | ≤-21.20     | 51.21           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5432.140   | -37.44       | ≤-21.20     | 57.76           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5460.000   | -43.87       | ≤-21.20     | 51.33           | ≤74            | PASS    |
| 11AC80SISO | Ant1    | Low    | 5530      | AV       | 5350.000   | -46.63       | ≤-41.20     | 48.57           | ≤54            | PASS    |
|            |         |        |           | AV       | 5457.110   | -44.7        | ≤-41.20     | 50.50           | ≤54            | PASS    |
|            |         |        |           | AV       | 5460.000   | -44.75       | ≤-41.20     | 50.45           | ≤54            | PASS    |
|            |         |        |           | Peak     | 5350.000   | -41.91       | ≤-21.20     | 53.29           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5453.560   | -29.96       | ≤-21.20     | 65.24           | ≤74            | PASS    |
|            |         |        |           | Peak     | 5460.000   | -38.5        | ≤-21.20     | 56.70           | ≤74            | PASS    |

|                |      |     |      |      |          |        |               |       |           |      |
|----------------|------|-----|------|------|----------|--------|---------------|-------|-----------|------|
| 11AX20SI<br>SO | Ant1 | Low | 5500 | AV   | 5350.000 | -46.71 | $\leq -41.20$ | 48.49 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5459.060 | -45.43 | $\leq -41.20$ | 49.77 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5460.000 | -45.46 | $\leq -41.20$ | 49.74 | $\leq 54$ | PASS |
|                |      |     |      | Peak | 5350.000 | -43.72 | $\leq -21.20$ | 51.48 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5427.110 | -37.64 | $\leq -21.20$ | 57.56 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5460.000 | -40.54 | $\leq -21.20$ | 54.66 | $\leq 74$ | PASS |
| 11AX40SI<br>SO | Ant1 | Low | 5510 | AV   | 5350.000 | -46.71 | $\leq -41.20$ | 48.49 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5459.830 | -44.77 | $\leq -41.20$ | 50.43 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5460.000 | -44.77 | $\leq -41.20$ | 50.43 | $\leq 54$ | PASS |
|                |      |     |      | Peak | 5350.000 | -41.13 | $\leq -21.20$ | 54.07 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5450.600 | -36.99 | $\leq -21.20$ | 58.21 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5460.000 | -42.44 | $\leq -21.20$ | 52.76 | $\leq 74$ | PASS |
| 11AX80SI<br>SO | Ant1 | Low | 5530 | AV   | 5350.000 | -46.71 | $\leq -41.20$ | 48.49 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5451.430 | -41.92 | $\leq -41.20$ | 53.28 | $\leq 54$ | PASS |
|                |      |     |      | AV   | 5460.000 | -42.3  | $\leq -41.20$ | 52.90 | $\leq 54$ | PASS |
|                |      |     |      | Peak | 5350.000 | -43.04 | $\leq -21.20$ | 52.16 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5450.010 | -33.24 | $\leq -21.20$ | 61.96 | $\leq 74$ | PASS |
|                |      |     |      | Peak | 5460.000 | -40.77 | $\leq -21.20$ | 54.43 | $\leq 74$ | PASS |

## Note:

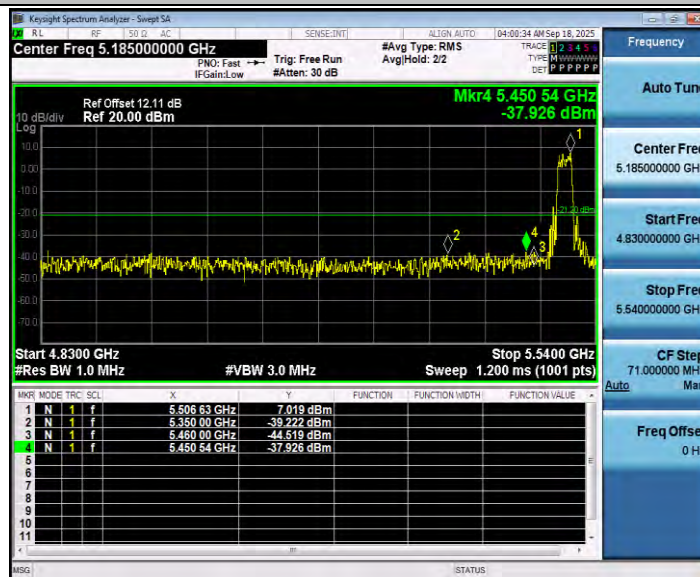
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs





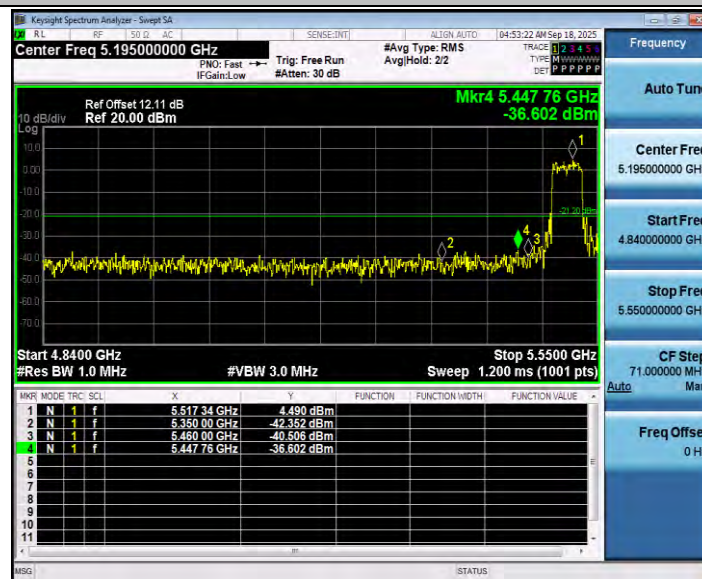
11N20SISO\_Ant1\_Low\_5500\_Peak



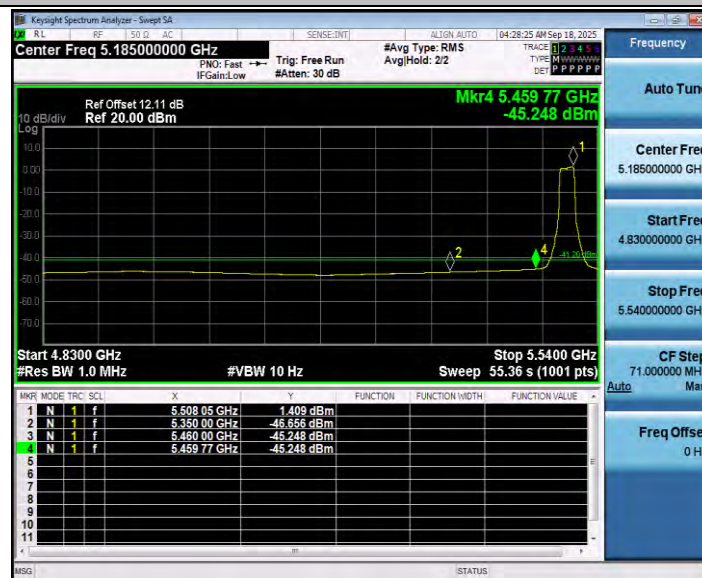
11N40SISO\_Ant1\_Low\_5510\_AV



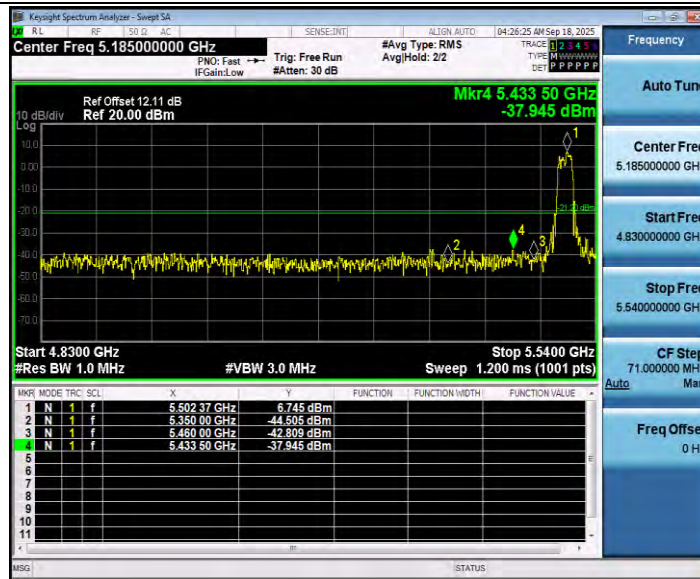
## 11N40SISO\_Ant1\_Low\_5510\_Peak



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



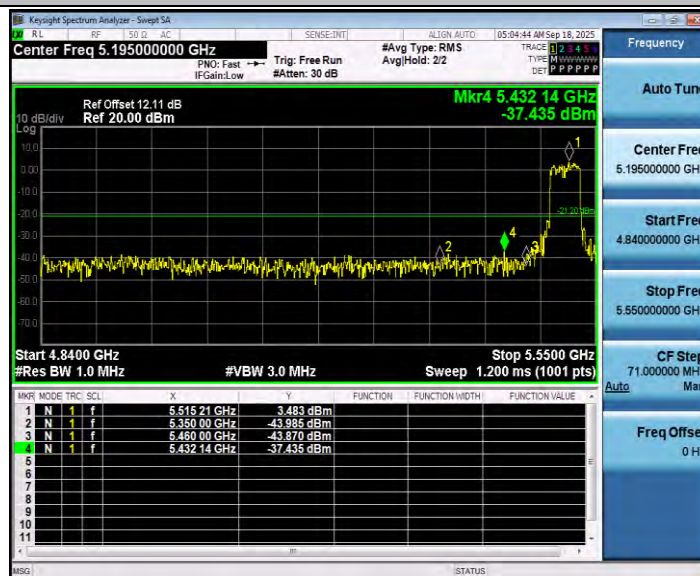
## 11AC20SISO\_Ant1\_Low\_5500\_Peak



11AC40SISO\_Ant1\_Low\_5510\_AV



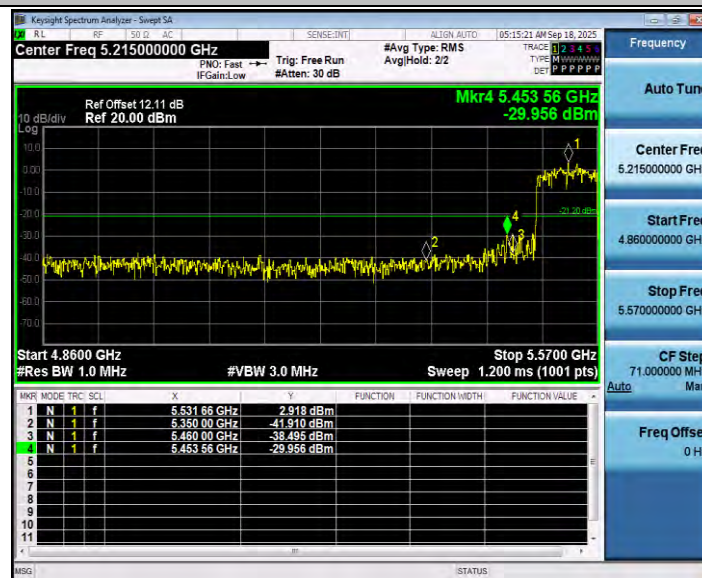
11AC40SISO\_Ant1\_Low\_5510\_Peak



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



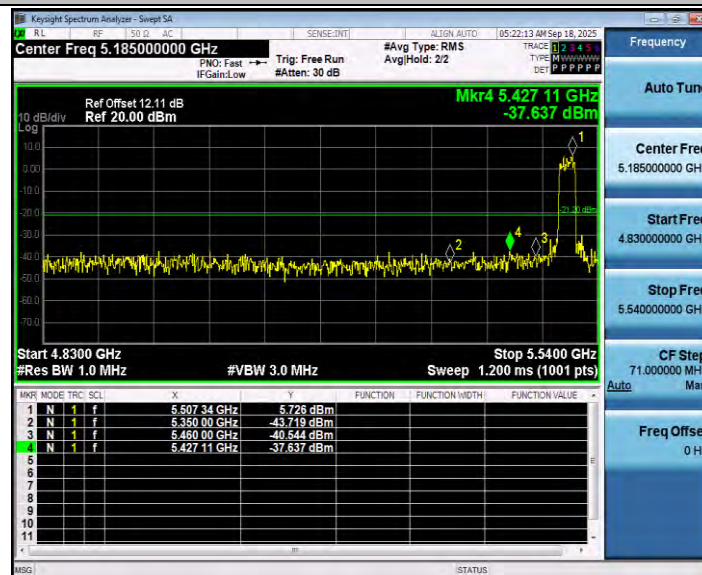
## 11AC80SISO\_Ant1\_Low\_5530\_Peak



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



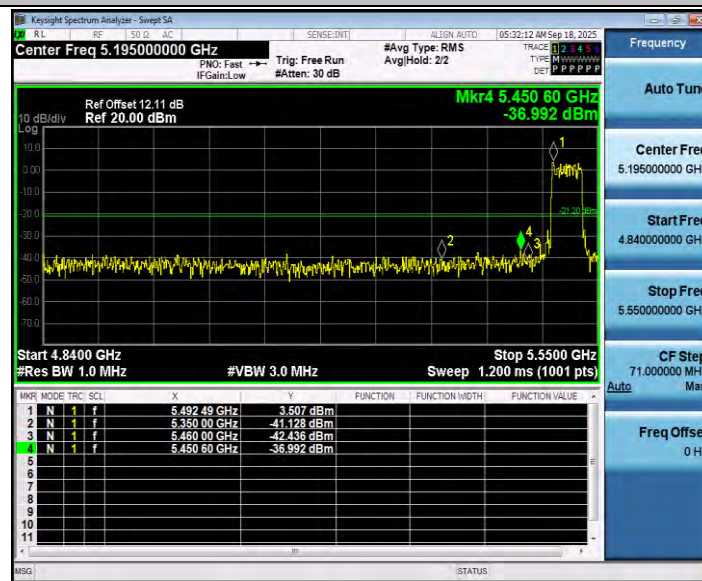
11AX20SISO\_Ant1\_Low\_5500\_Peak



11AX40SISO\_Ant1\_Low\_5510\_AV



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



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



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

