

## Appendix B

### RF Test Data for 5.2GWIFI (Conducted Measurement)

Aston Martin Valkyrie

Test Model: Aston Martin Valkyrie

#### Environmental Conditions

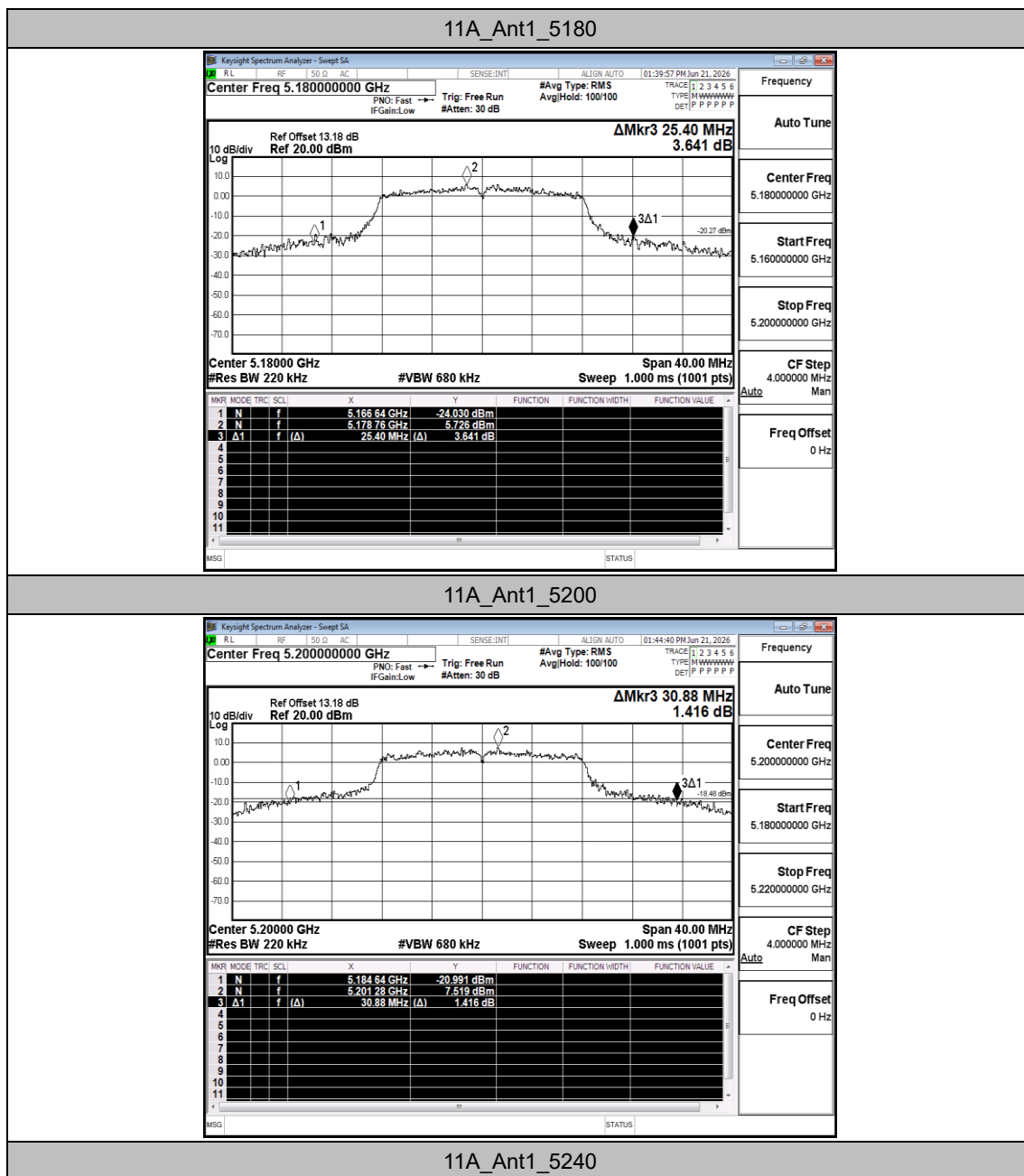
|                    |              |
|--------------------|--------------|
| Temperature:       | 24.8° C      |
| Relative Humidity: | 53.6%        |
| ATM Pressure:      | 100.0 kPa    |
| Test Engineer:     | Zhang Hai    |
| Supervised by:     | Fengliu Tang |

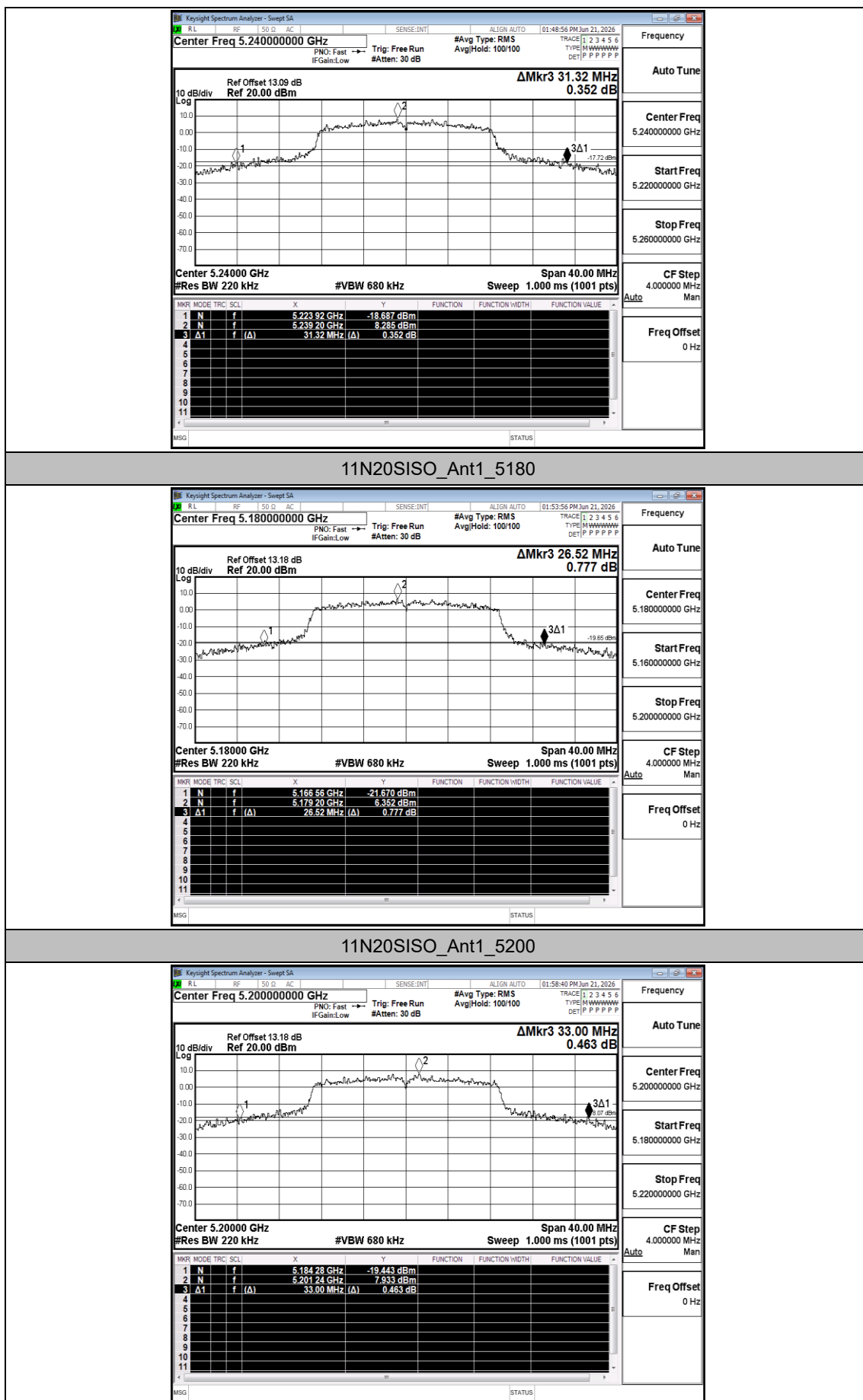
## B.1 Emission Bandwidth

### Test Result

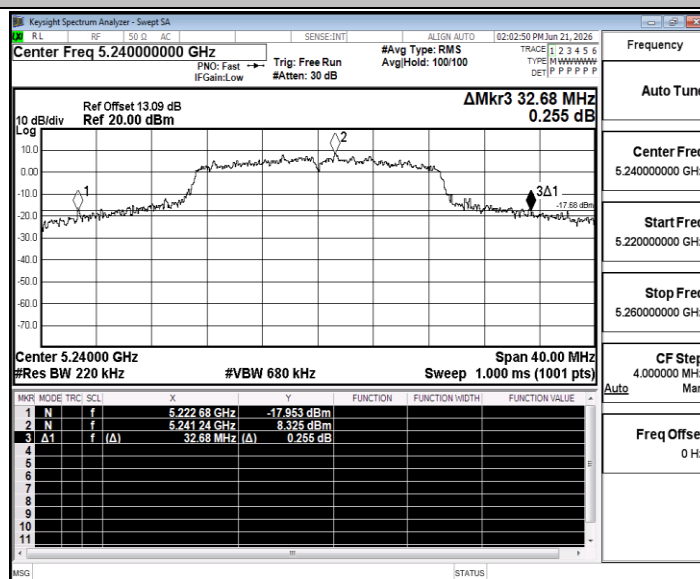
| TestMode   | Antenna | Freq (MHz) | 26db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit [MHz] | Verdict |
|------------|---------|------------|----------------|----------|----------|-------------|---------|
| 11A        | Ant1    | 5180       | 25.400         | 5166.640 | 5192.040 | ---         | ---     |
|            |         | 5200       | 30.880         | 5184.640 | 5215.520 | ---         | ---     |
|            |         | 5240       | 31.320         | 5223.920 | 5255.240 | ---         | ---     |
| 11N20SISO  | Ant1    | 5180       | 26.520         | 5166.560 | 5193.080 | ---         | ---     |
|            |         | 5200       | 33.000         | 5184.280 | 5217.280 | ---         | ---     |
|            |         | 5240       | 32.680         | 5222.680 | 5255.360 | ---         | ---     |
| 11N40SISO  | Ant1    | 5190       | 75.280         | 5154.000 | 5229.280 | ---         | ---     |
|            |         | 5230       | 71.360         | 5195.120 | 5266.480 | ---         | ---     |
| 11AC20SISO | Ant1    | 5180       | 28.760         | 5165.760 | 5194.520 | ---         | ---     |
|            |         | 5200       | 33.080         | 5183.560 | 5216.640 | ---         | ---     |
|            |         | 5240       | 31.680         | 5225.000 | 5256.680 | ---         | ---     |
| 11AC40SISO | Ant1    | 5190       | 70.400         | 5154.480 | 5224.880 | ---         | ---     |
|            |         | 5230       | 69.920         | 5194.080 | 5264.000 | ---         | ---     |
| 11AX20SISO | Ant1    | 5180       | 30.000         | 5163.920 | 5193.920 | ---         | ---     |
|            |         | 5200       | 27.640         | 5185.800 | 5213.440 | ---         | ---     |
|            |         | 5240       | 31.280         | 5224.000 | 5255.280 | ---         | ---     |
| 11AX40SISO | Ant1    | 5190       | 70.800         | 5154.320 | 5225.120 | ---         | ---     |
|            |         | 5230       | 70.240         | 5193.360 | 5263.600 | ---         | ---     |

## Test Graphs

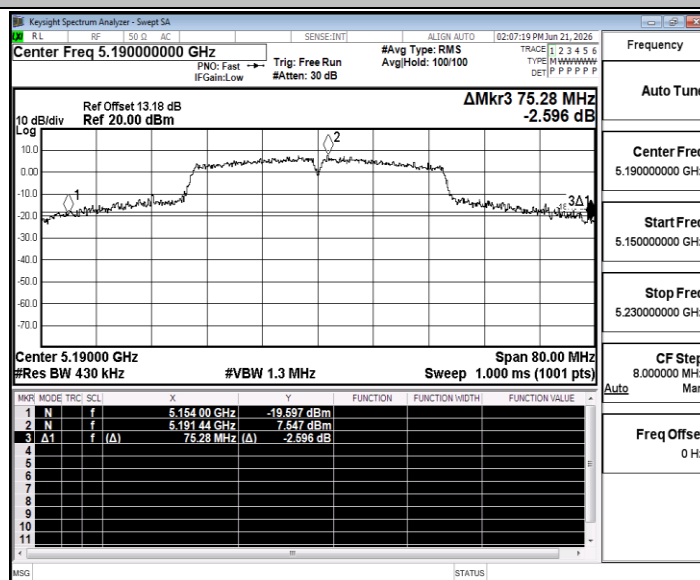




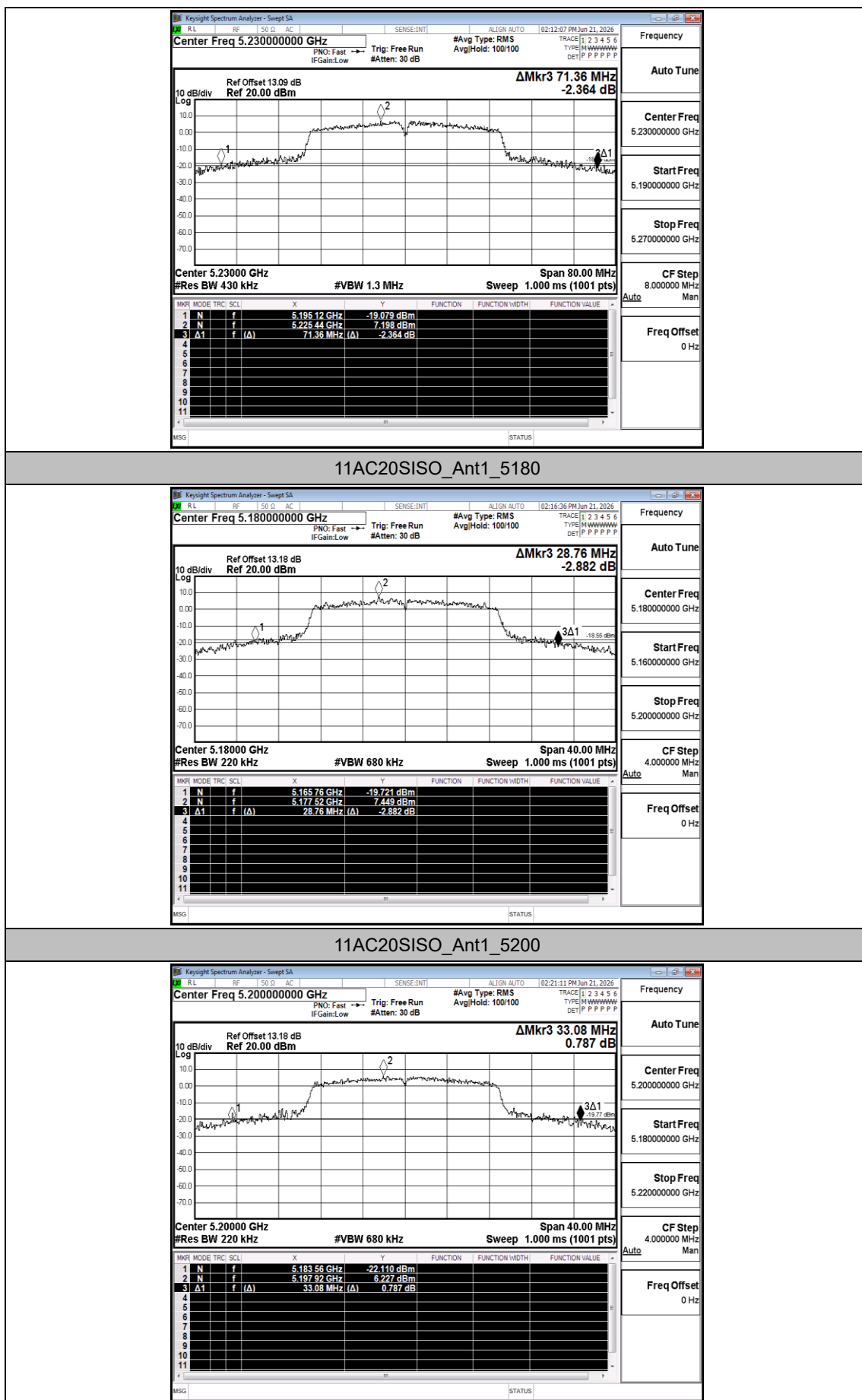
## 11N20SISO\_Ant1\_5240



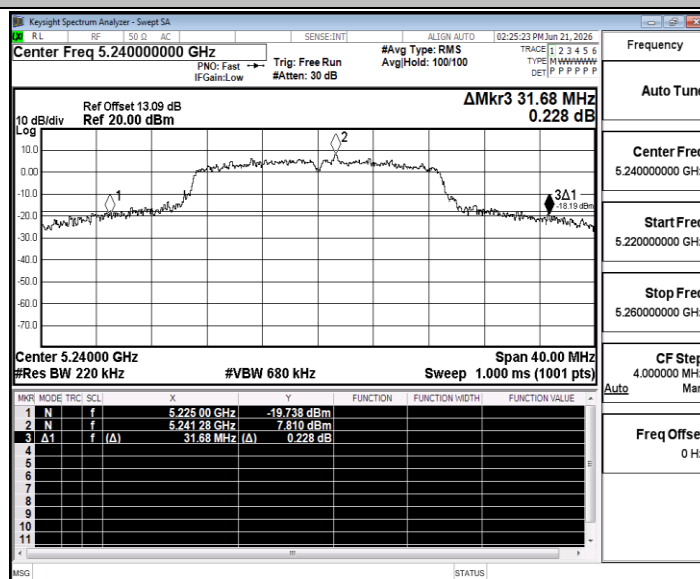
## 11N40SISO\_Ant1\_5190



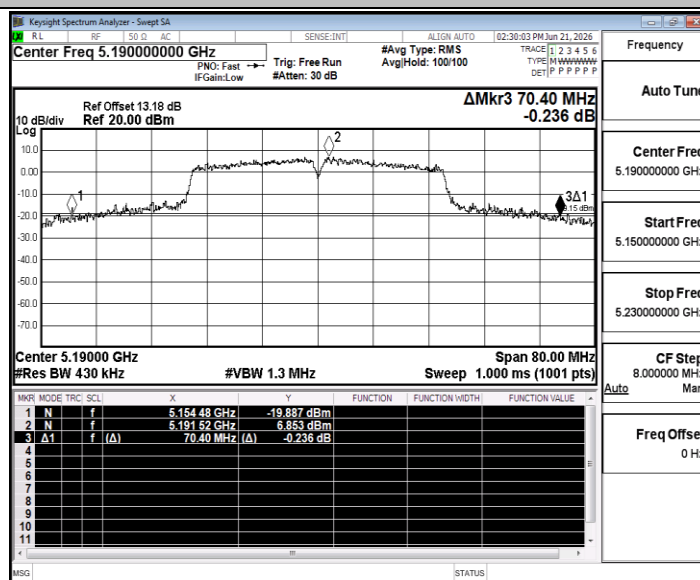
## 11N40SISO\_Ant1\_5230



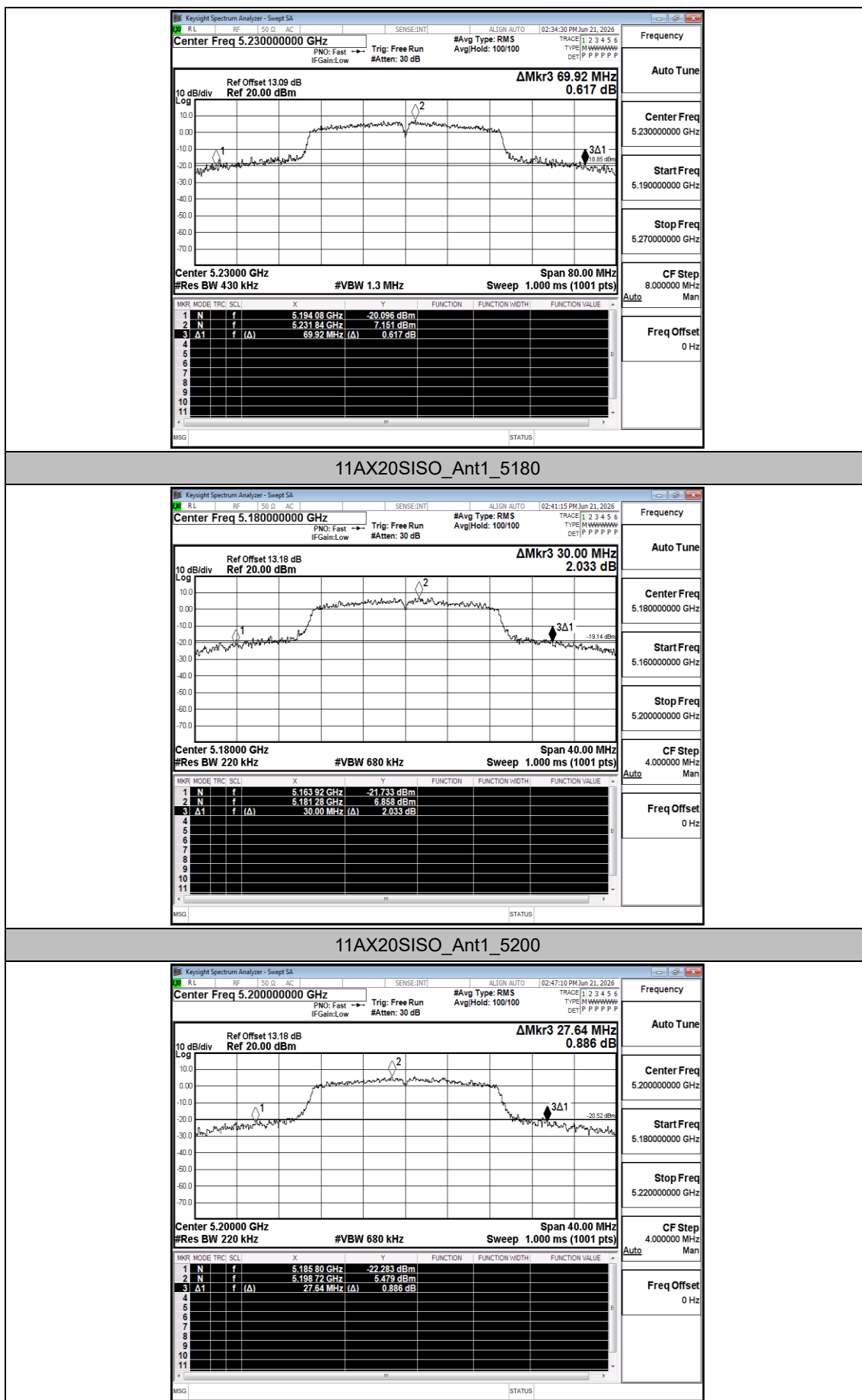
## 11AC20SISO\_Ant1\_5240



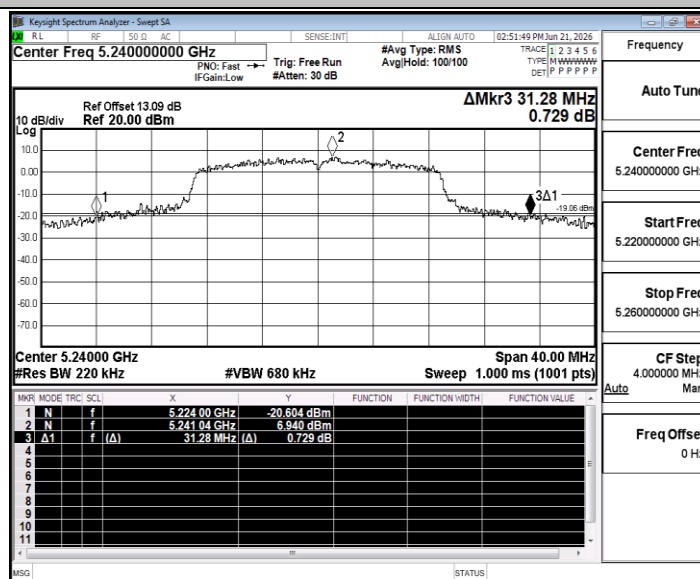
## 11AC40SISO\_Ant1\_5190



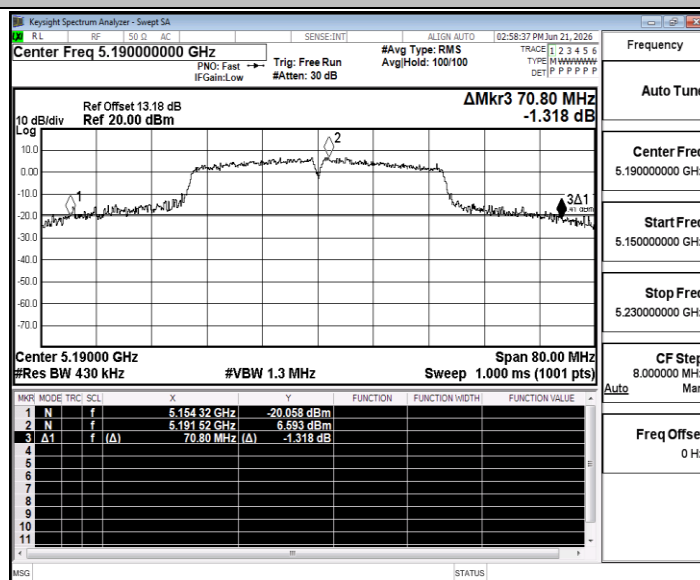
## 11AC40SISO\_Ant1\_5230



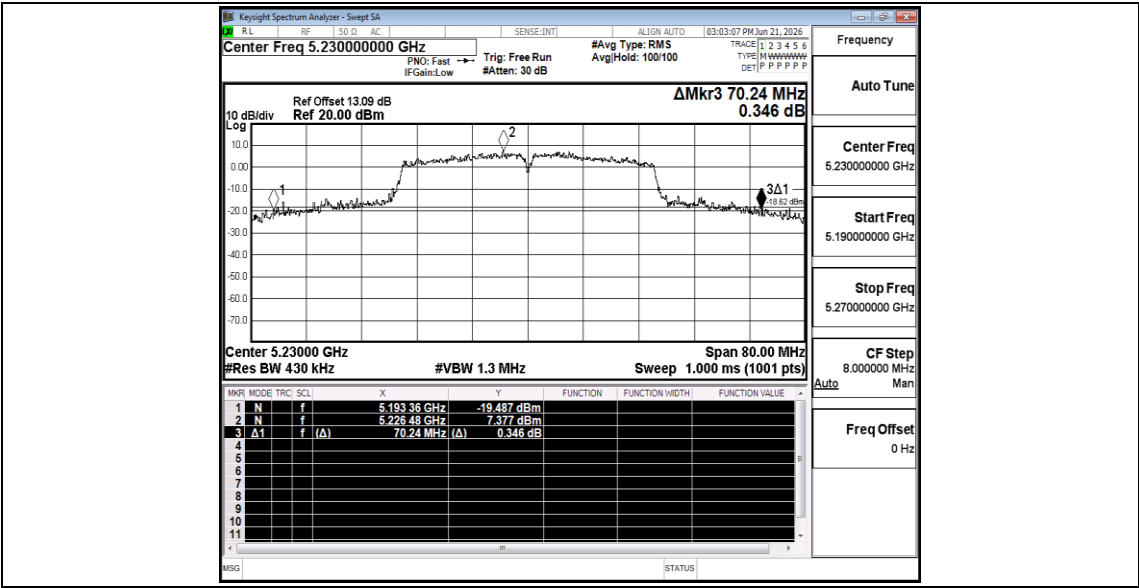
## 11AX20SISO\_Ant1\_5240



## 11AX40SISO\_Ant1\_5190



## 11AX40SISO\_Ant1\_5230



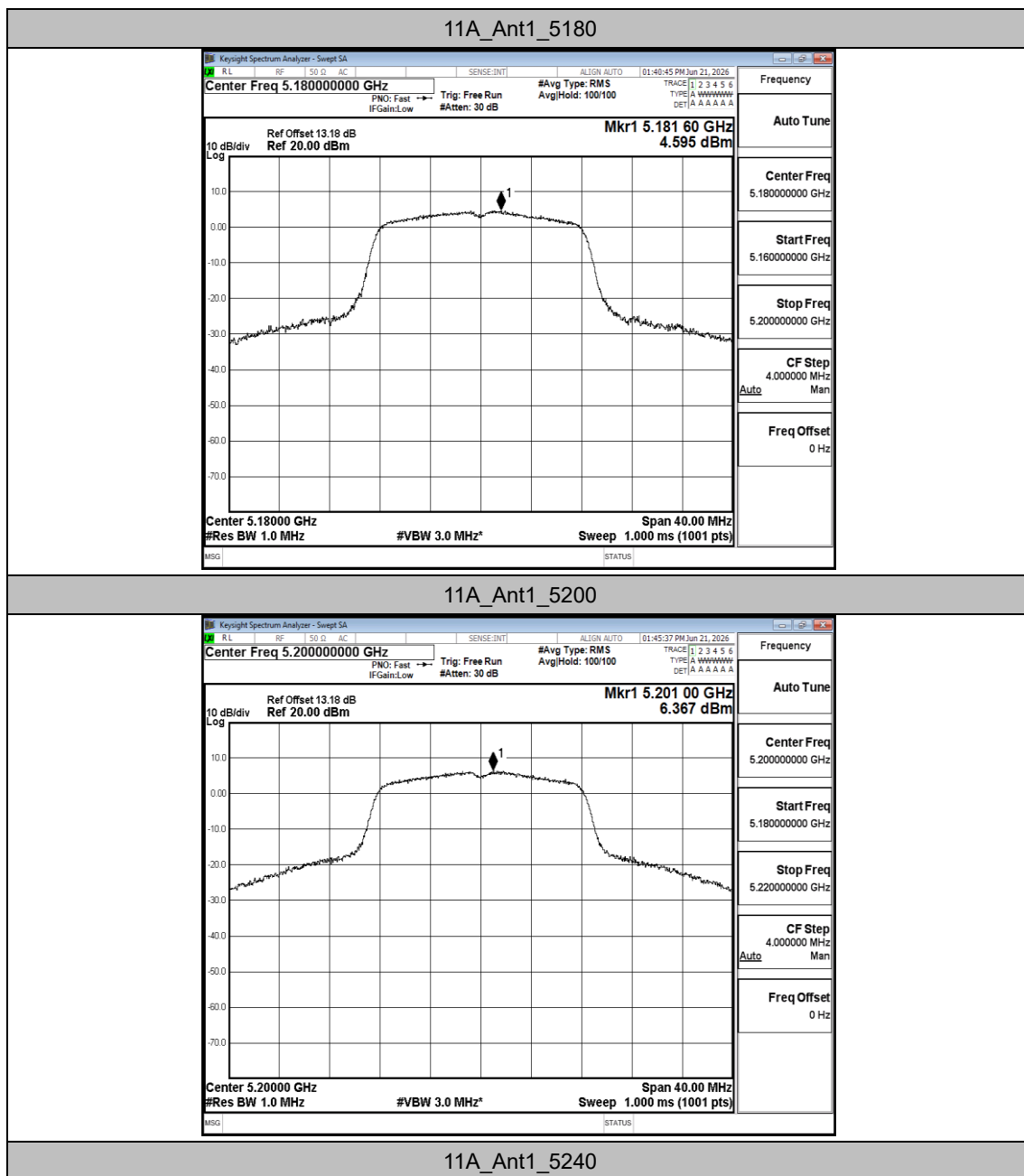
## B.2 Maximum conducted output power

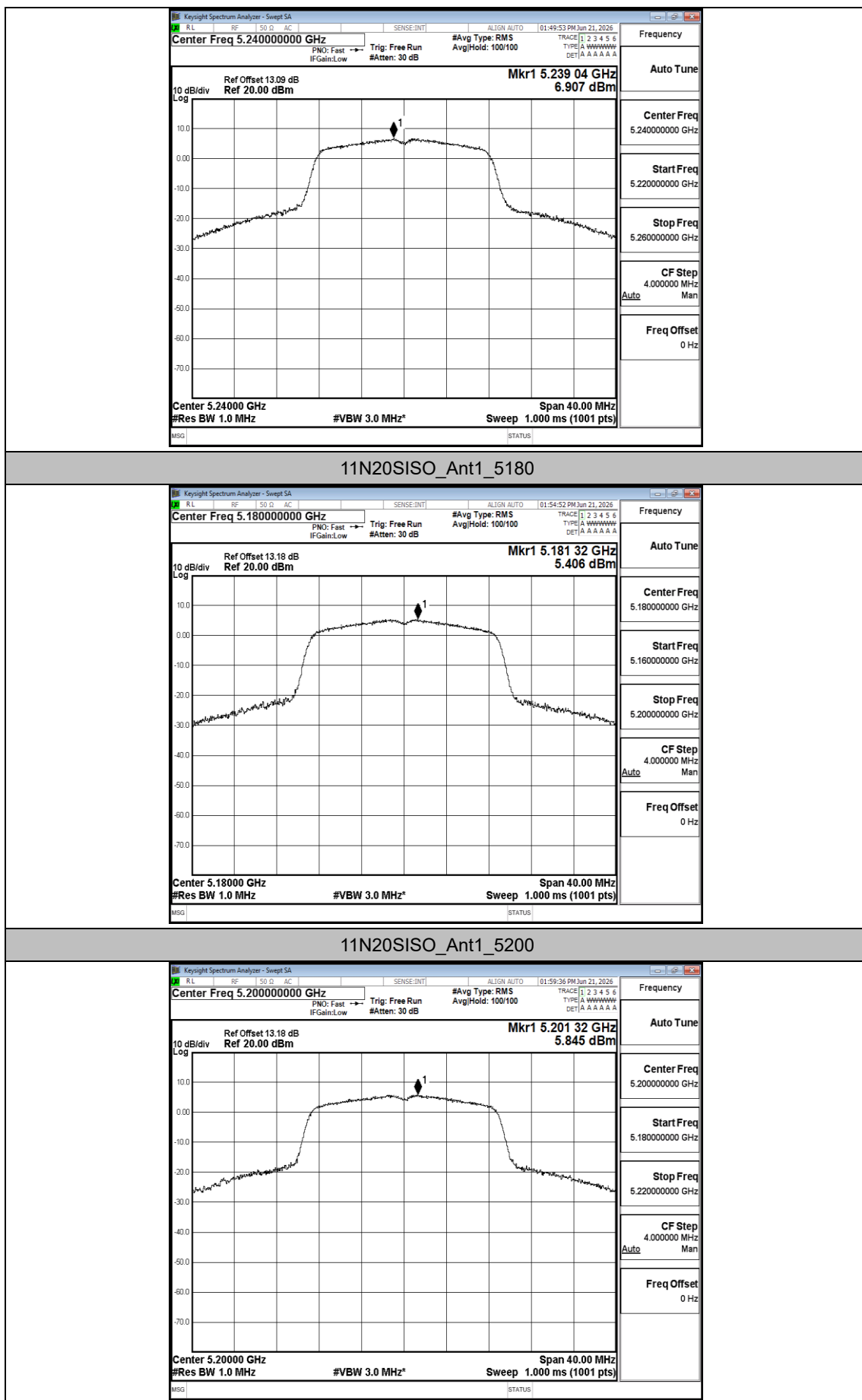
| Test Mode  | Antenna | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Limit Conducted (dBm) | Verdict |
|------------|---------|-----------------|---------|-----------------------|------------------|-----------------------------|-----------------------|---------|
| 11A        | Ant1    | 5180            | Ant1    | 7.35                  | 0.12             | 7.47                        | ≤23.98                | PASS    |
|            |         | 5200            | Ant1    | 7.02                  | 0.15             | 7.17                        | ≤23.98                | PASS    |
|            |         | 5240            | Ant1    | 7.13                  | 0.15             | 7.28                        | ≤23.98                | PASS    |
| 11N20SISO  | Ant1    | 5180            | Ant1    | 6.88                  | 0.13             | 7.01                        | ≤23.98                | PASS    |
|            |         | 5200            | Ant1    | 6.75                  | 0.16             | 6.91                        | ≤23.98                | PASS    |
|            |         | 5240            | Ant1    | 6.69                  | 0.13             | 6.82                        | ≤23.98                | PASS    |
| 11N40SISO  | Ant1    | 5190            | Ant1    | 6.58                  | 0.32             | 6.90                        | ≤23.98                | PASS    |
|            |         | 5230            | Ant1    | 6.42                  | 0.26             | 6.68                        | ≤23.98                | PASS    |
| 11AC20SISO | Ant1    | 5180            | Ant1    | 6.51                  | 0.13             | 6.64                        | ≤23.98                | PASS    |
|            |         | 5200            | Ant1    | 6.03                  | 0.13             | 6.16                        | ≤23.98                | PASS    |
|            |         | 5240            | Ant1    | 6.37                  | 0.16             | 6.53                        | ≤23.98                | PASS    |
| 11AC40SISO | Ant1    | 5190            | Ant1    | 6.53                  | 0.32             | 6.85                        | ≤23.98                | PASS    |
|            |         | 5230            | Ant1    | 6.32                  | 0.26             | 6.58                        | ≤23.98                | PASS    |
| 11AX20SISO | Ant1    | 5180            | Ant1    | 7.25                  | 0.16             | 7.41                        | ≤23.98                | PASS    |
|            |         | 5200            | Ant1    | 6.94                  | 0.16             | 7.10                        | ≤23.98                | PASS    |
|            |         | 5240            | Ant1    | 7.02                  | 0.13             | 7.15                        | ≤23.98                | PASS    |
| 11AX40SISO | Ant1    | 5190            | Ant1    | 6.51                  | 0.26             | 6.77                        | ≤23.98                | PASS    |
|            |         | 5230            | Ant1    | 6.37                  | 0.26             | 6.63                        | ≤23.98                | PASS    |

### B.3 Maximum Power Spectral Density Level

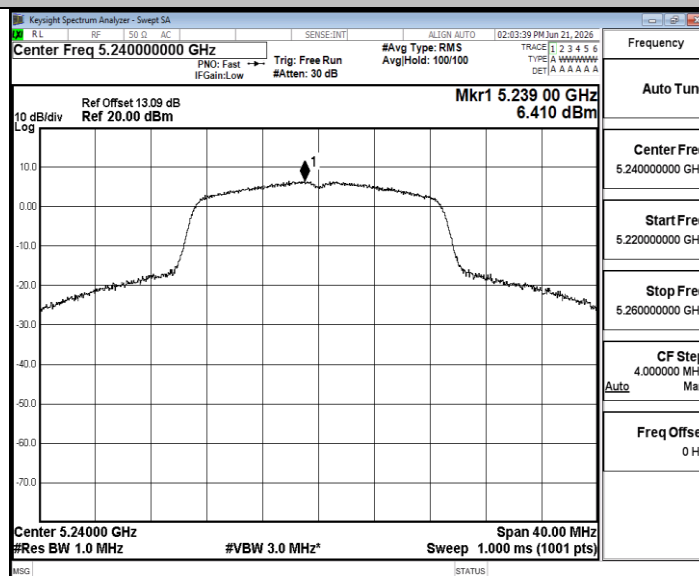
| TestMode   | Antenna | Freq<br>(MHz) | Raw Data<br>[dBm/MHz] | DC<br>Factor | Result<br>[dBm/MHz] | Limit<br>[dBm/MHz] | Verdict |
|------------|---------|---------------|-----------------------|--------------|---------------------|--------------------|---------|
| 11A        | Ant1    | 5180          | 4.6                   | 0.12         | 4.72                | ≤11.00             | PASS    |
|            |         | 5200          | 6.37                  | 0.15         | 6.52                | ≤11.00             | PASS    |
|            |         | 5240          | 6.91                  | 0.15         | 7.06                | ≤11.00             | PASS    |
| 11N20SISO  | Ant1    | 5180          | 5.41                  | 0.13         | 5.54                | ≤11.00             | PASS    |
|            |         | 5200          | 5.85                  | 0.16         | 6.01                | ≤11.00             | PASS    |
|            |         | 5240          | 6.41                  | 0.13         | 6.54                | ≤11.00             | PASS    |
| 11N40SISO  | Ant1    | 5190          | 3.31                  | 0.32         | 3.63                | ≤11.00             | PASS    |
|            |         | 5230          | 3.41                  | 0.26         | 3.67                | ≤11.00             | PASS    |
| 11AC20SISO | Ant1    | 5180          | 5.48                  | 0.13         | 5.61                | ≤11.00             | PASS    |
|            |         | 5200          | 5.58                  | 0.13         | 5.71                | ≤11.00             | PASS    |
|            |         | 5240          | 5.79                  | 0.16         | 5.95                | ≤11.00             | PASS    |
| 11AC40SISO | Ant1    | 5190          | 2.86                  | 0.32         | 3.18                | ≤11.00             | PASS    |
|            |         | 5230          | 3.22                  | 0.26         | 3.48                | ≤11.00             | PASS    |
| 11AX20SISO | Ant1    | 5180          | 5.81                  | 0.16         | 5.97                | ≤11.00             | PASS    |
|            |         | 5200          | 4.65                  | 0.16         | 4.81                | ≤11.00             | PASS    |
|            |         | 5240          | 5.84                  | 0.13         | 5.97                | ≤11.00             | PASS    |
| 11AX40SISO | Ant1    | 5190          | 3.2                   | 0.26         | 3.46                | ≤11.00             | PASS    |
|            |         | 5230          | 3.31                  | 0.26         | 3.57                | ≤11.00             | PASS    |

## Test Graphs

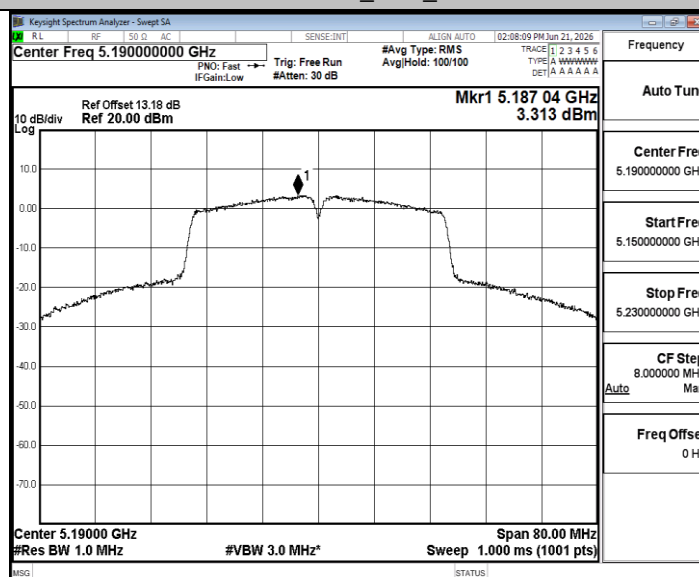




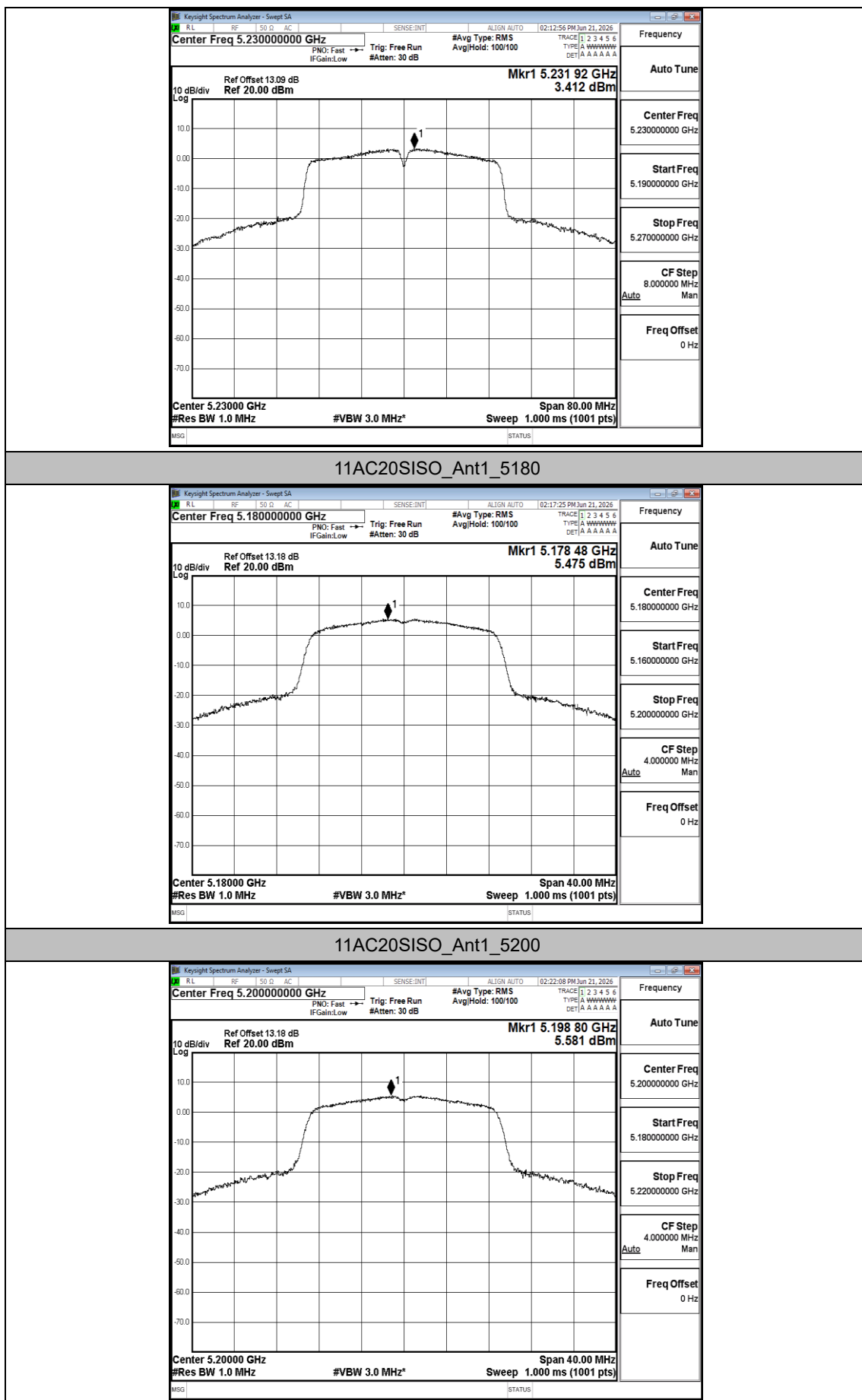
## 11N20SISO\_Ant1\_5240



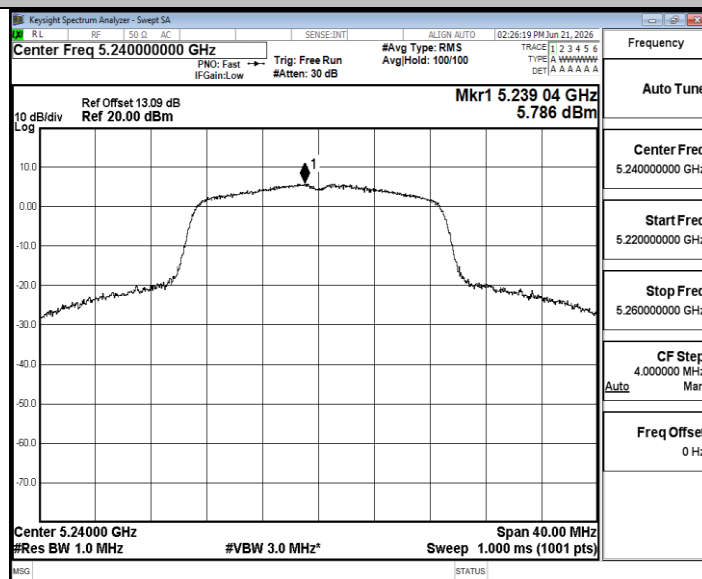
## 11N40SISO\_Ant1\_5190



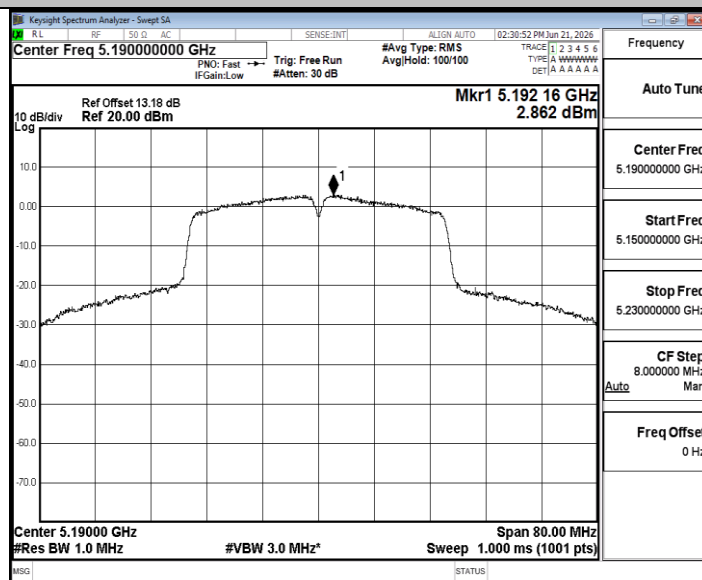
## 11N40SISO\_Ant1\_5230



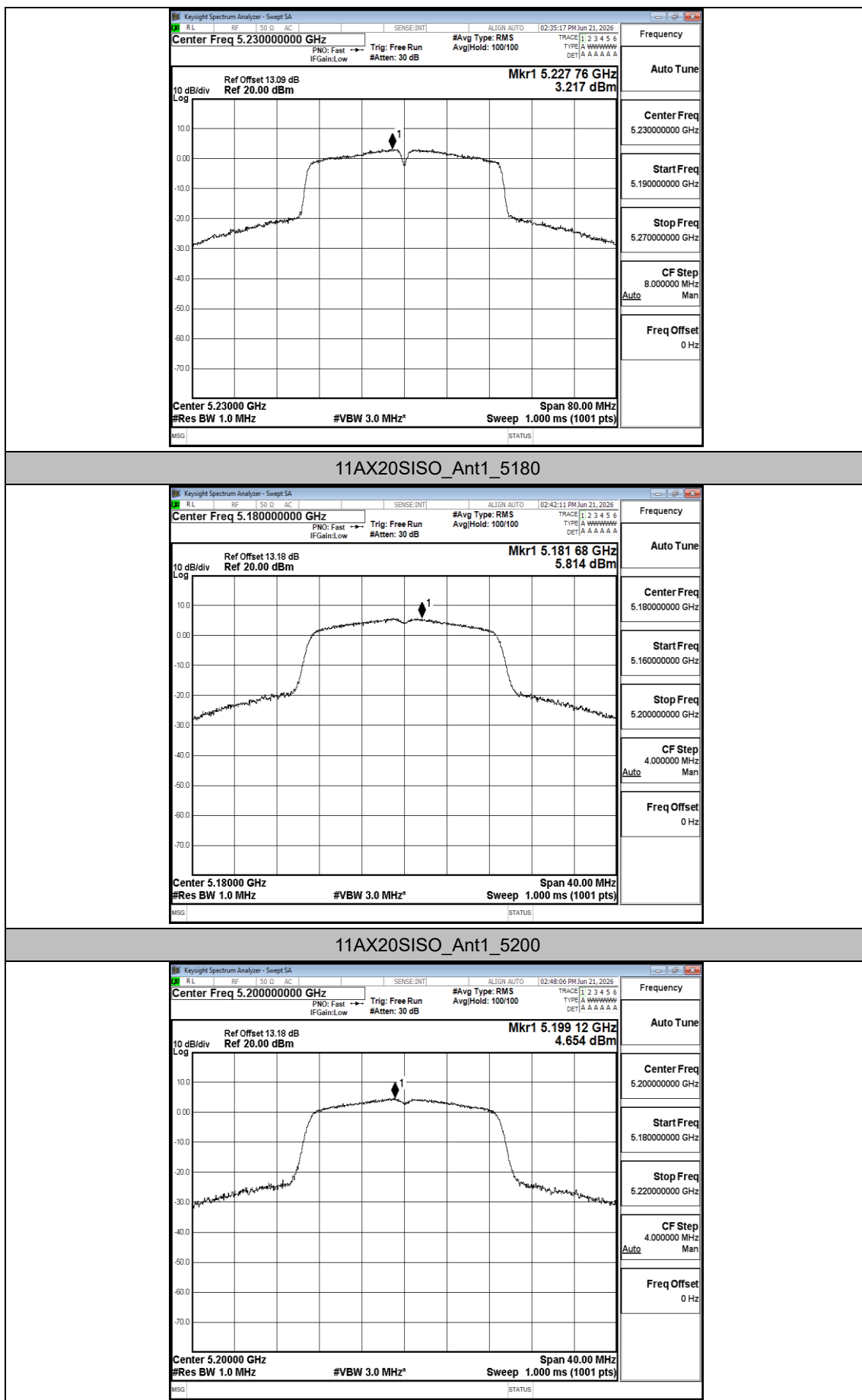
## 11AC20SISO\_Ant1\_5240



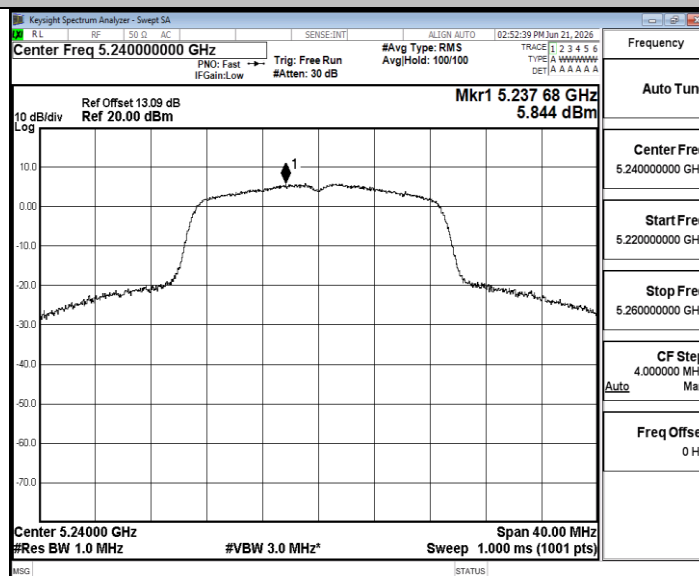
## 11AC40SISO\_Ant1\_5190



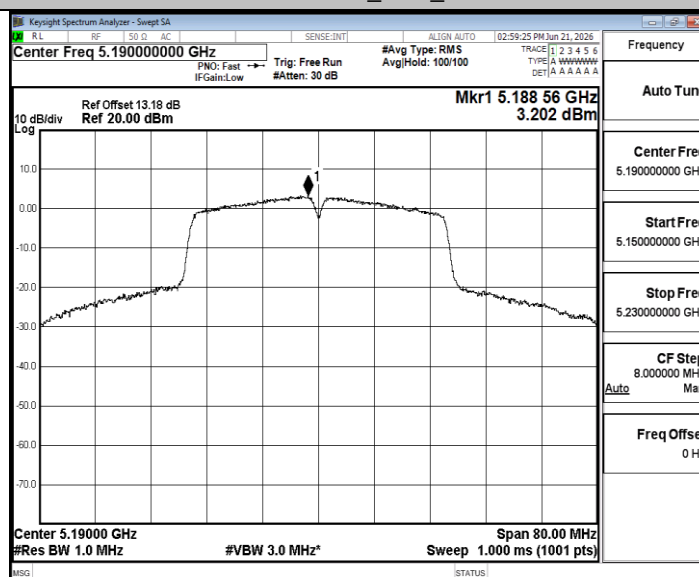
## 11AC40SISO\_Ant1\_5230



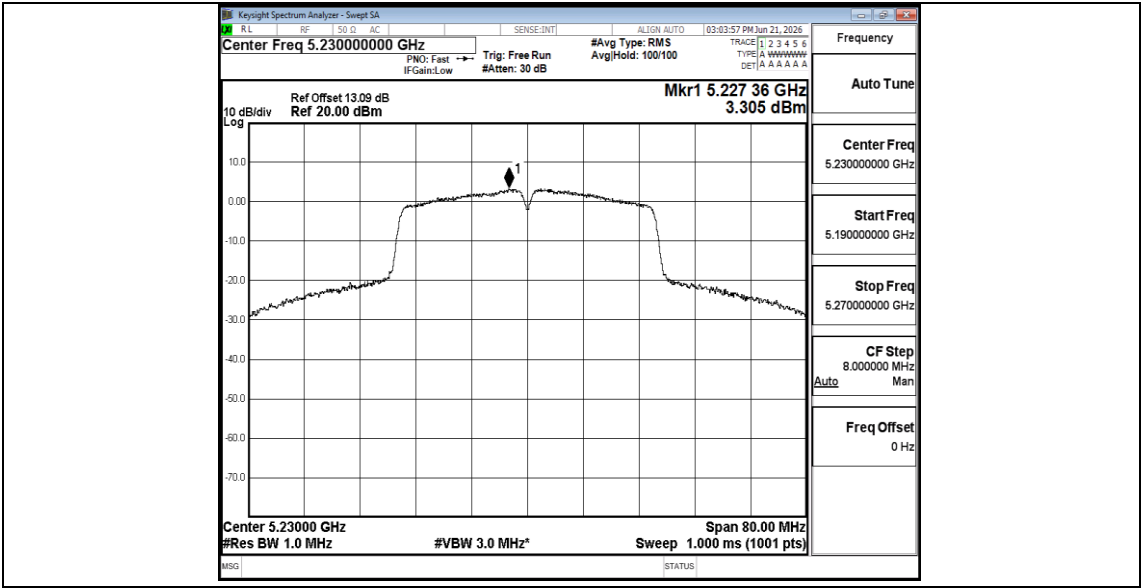
## 11AX20SISO\_Ant1\_5240



## 11AX40SISO\_Ant1\_5190



## 11AX40SISO\_Ant1\_5230



## B.4 Emissions in Restricted Bands

### Test Result

| TestMode  | Antenna | ChName | Freq (MHz) | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Gain [dBi] | DC Factor [dB] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|-----------|---------|--------|------------|----------|------------|--------------|-------------|------------|----------------|-----------------|----------------|---------|
| 11A       | Ant1    | Low    | 5180       | AV       | 4500.000   | -57.88       | ≤-43.32     | 3.62       | 0.12           | 40.97           | ≤54            | PASS    |
|           |         |        |            | AV       | 5149.600   | -51.76       | ≤-43.32     | 3.62       | 0.12           | 47.21           | ≤54            | PASS    |
|           |         |        |            | AV       | 5150.000   | -51.57       | ≤-43.32     | 3.62       | 0.12           | 47.28           | ≤54            | PASS    |
|           |         |        |            | Peak     | 4500.000   | -48.45       | ≤-29.00     | 3.62       | 0.00           | 50.40           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5148.200   | -40.89       | ≤-29.00     | 3.62       | 0.00           | 57.96           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5150.000   | -44.03       | ≤-29.00     | 3.62       | 0.00           | 54.82           | ≤68.2          | PASS    |
|           |         | High   | 5240       | AV       | 5350.000   | -55.87       | ≤-43.35     | 3.62       | 0.15           | 42.98           | ≤54            | PASS    |
|           |         |        |            | AV       | 5350.560   | -55.31       | ≤-43.35     | 3.62       | 0.15           | 43.69           | ≤54            | PASS    |
|           |         |        |            | AV       | 5460.000   | -57.52       | ≤-43.35     | 3.62       | 0.15           | 41.33           | ≤54            | PASS    |
|           |         |        |            | Peak     | 5350.000   | -47.46       | ≤-29.00     | 3.62       | 0.00           | 51.39           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5367.360   | -44.58       | ≤-29.00     | 3.62       | 0.00           | 54.27           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5460.000   | -49.8        | ≤-29.00     | 3.62       | 0.00           | 49.05           | ≤68.2          | PASS    |
| 11N20SISO | Ant1    | Low    | 5180       | AV       | 4500.000   | -58.32       | ≤-43.33     | 3.62       | 0.13           | 40.53           | ≤54            | PASS    |
|           |         |        |            | AV       | 5149.600   | -52.13       | ≤-43.33     | 3.62       | 0.13           | 46.85           | ≤54            | PASS    |
|           |         |        |            | AV       | 5150.000   | -51.97       | ≤-43.33     | 3.62       | 0.13           | 46.88           | ≤54            | PASS    |
|           |         |        |            | Peak     | 4500.000   | -49.89       | ≤-29.00     | 3.62       | 0.00           | 48.96           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5146.800   | -38.51       | ≤-29.00     | 3.62       | 0.00           | 60.34           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5150.000   | -37.73       | ≤-29.00     | 3.62       | 0.00           | 61.12           | ≤68.2          | PASS    |
|           |         | High   | 5240       | AV       | 5350.000   | -55.58       | ≤-43.33     | 3.62       | 0.13           | 43.27           | ≤54            | PASS    |
|           |         |        |            | AV       | 5403.360   | -54.74       | ≤-43.33     | 3.62       | 0.13           | 44.24           | ≤54            | PASS    |
|           |         |        |            | AV       | 5460.000   | -57.37       | ≤-43.33     | 3.62       | 0.13           | 41.48           | ≤54            | PASS    |
|           |         |        |            | Peak     | 5350.000   | -48.13       | ≤-29.00     | 3.62       | 0.00           | 50.72           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5407.440   | -44.82       | ≤-29.00     | 3.62       | 0.00           | 54.03           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5460.000   | -49.25       | ≤-29.00     | 3.62       | 0.00           | 49.60           | ≤68.2          | PASS    |
| 11N40SISO | Ant1    | Low    | 5190       | AV       | 4500.000   | -57.92       | ≤-43.52     | 3.62       | 0.32           | 40.93           | ≤54            | PASS    |
|           |         |        |            | AV       | 5148.900   | -51.57       | ≤-43.52     | 3.62       | 0.32           | 47.60           | ≤54            | PASS    |
|           |         |        |            | AV       | 5150.000   | -51.75       | ≤-43.52     | 3.62       | 0.32           | 47.10           | ≤54            | PASS    |
|           |         |        |            | Peak     | 4500.000   | -49.71       | ≤-29.00     | 3.62       | 0.00           | 49.14           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5148.200   | -33.44       | ≤-29.00     | 3.62       | 0.00           | 65.41           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5150.000   | -38.58       | ≤-29.00     | 3.62       | 0.00           | 60.27           | ≤68.2          | PASS    |
|           |         | High   | 5230       | AV       | 5350.000   | -51.87       | ≤-43.46     | 3.62       | 0.26           | 46.98           | ≤54            | PASS    |
|           |         |        |            | AV       | 5350.800   | -51.64       | ≤-43.46     | 3.62       | 0.26           | 47.47           | ≤54            | PASS    |
|           |         |        |            | AV       | 5460.000   | -56.88       | ≤-43.46     | 3.62       | 0.26           | 41.97           | ≤54            | PASS    |
|           |         |        |            | Peak     | 5350.000   | -40.09       | ≤-29.00     | 3.62       | 0.00           | 58.76           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5357.560   | -39.36       | ≤-29.00     | 3.62       | 0.00           | 59.49           | ≤68.2          | PASS    |
|           |         |        |            | Peak     | 5460.000   | -50.12       | ≤-29.00     | 3.62       | 0.00           | 48.73           | ≤68.2          | PASS    |

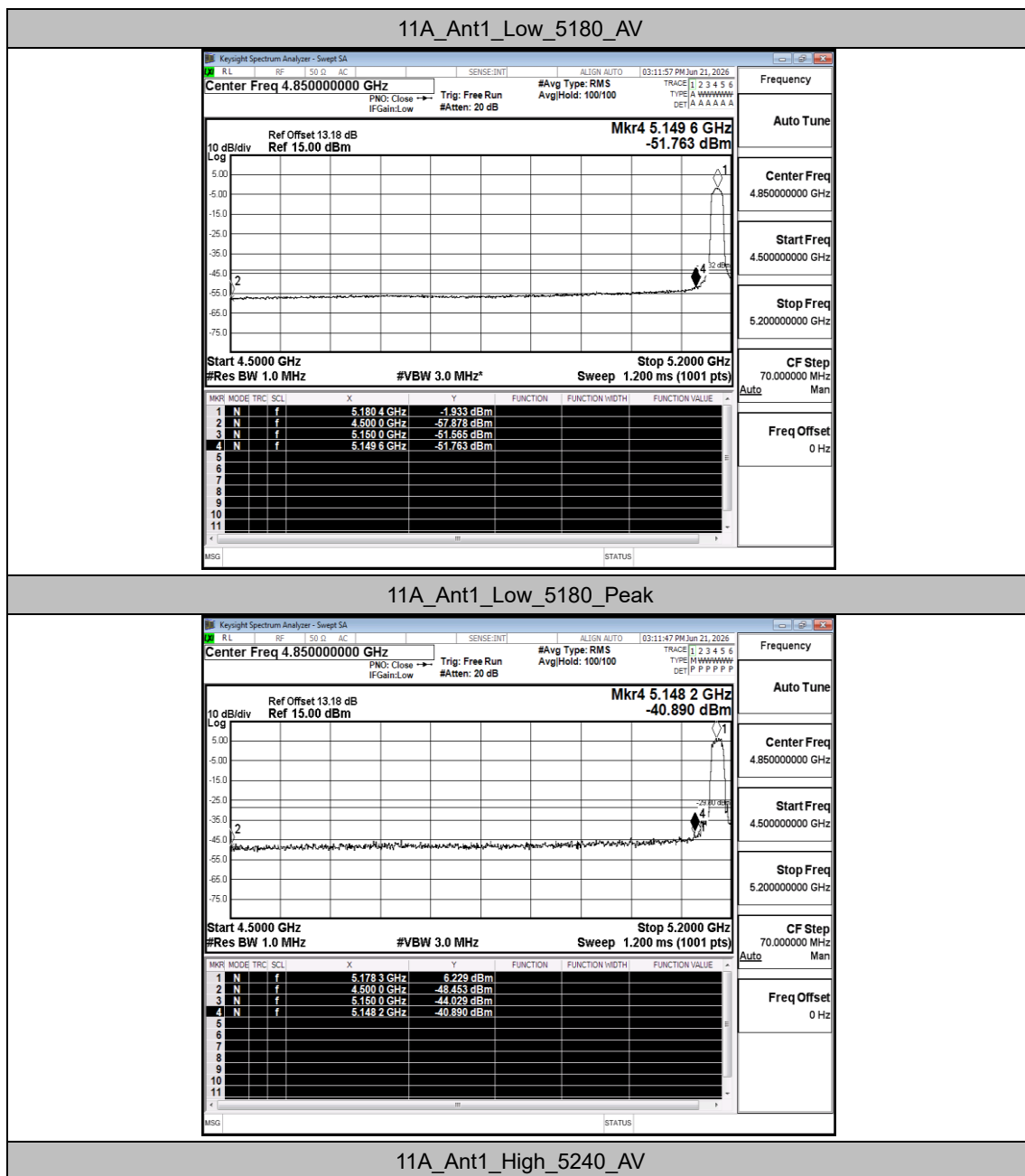
|            |      |      |      |      |          |        |         |      |      |       |       |      |
|------------|------|------|------|------|----------|--------|---------|------|------|-------|-------|------|
| 11AC20SISO | Ant1 | Low  | 5180 | AV   | 4500.000 | -57.9  | ≤-43.33 | 3.62 | 0.13 | 40.95 | ≤54   | PASS |
|            |      |      |      | AV   | 5149.600 | -52.36 | ≤-43.33 | 3.62 | 0.13 | 46.62 | ≤54   | PASS |
|            |      |      |      | AV   | 5150.000 | -52.04 | ≤-43.33 | 3.62 | 0.13 | 46.81 | ≤54   | PASS |
|            |      |      |      | Peak | 4500.000 | -50.23 | ≤-29.00 | 3.62 | 0.00 | 48.62 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5148.900 | -41.73 | ≤-29.00 | 3.62 | 0.00 | 57.12 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5150.000 | -38.22 | ≤-29.00 | 3.62 | 0.00 | 60.63 | ≤68.2 | PASS |
|            |      | High | 5240 | AV   | 5350.000 | -55.92 | ≤-43.36 | 3.62 | 0.16 | 42.93 | ≤54   | PASS |
|            |      |      |      | AV   | 5405.040 | -55.09 | ≤-43.36 | 3.62 | 0.16 | 43.92 | ≤54   | PASS |
|            |      |      |      | AV   | 5460.000 | -57.07 | ≤-43.36 | 3.62 | 0.16 | 41.78 | ≤54   | PASS |
|            |      |      |      | Peak | 5350.000 | -48.79 | ≤-29.00 | 3.62 | 0.00 | 50.06 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5366.400 | -45.66 | ≤-29.00 | 3.62 | 0.00 | 53.19 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5460.000 | -49.74 | ≤-29.00 | 3.62 | 0.00 | 49.11 | ≤68.2 | PASS |
| 11AC40SISO | Ant1 | Low  | 5190 | AV   | 4500.000 | -58.5  | ≤-43.52 | 3.62 | 0.32 | 40.35 | ≤54   | PASS |
|            |      |      |      | AV   | 5146.800 | -51.36 | ≤-43.52 | 3.62 | 0.32 | 47.81 | ≤54   | PASS |
|            |      |      |      | AV   | 5150.000 | -51.53 | ≤-43.52 | 3.62 | 0.32 | 47.32 | ≤54   | PASS |
|            |      |      |      | Peak | 4500.000 | -48.97 | ≤-29.00 | 3.62 | 0.00 | 49.88 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5143.300 | -40.2  | ≤-29.00 | 3.62 | 0.00 | 58.65 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5150.000 | -42.79 | ≤-29.00 | 3.62 | 0.00 | 56.06 | ≤68.2 | PASS |
|            |      | High | 5230 | AV   | 5350.000 | -52.36 | ≤-43.46 | 3.62 | 0.26 | 46.49 | ≤54   | PASS |
|            |      |      |      | AV   | 5350.280 | -51.43 | ≤-43.46 | 3.62 | 0.26 | 47.68 | ≤54   | PASS |
|            |      |      |      | AV   | 5460.000 | -57.59 | ≤-43.46 | 3.62 | 0.26 | 41.26 | ≤54   | PASS |
|            |      |      |      | Peak | 5350.000 | -43.37 | ≤-29.00 | 3.62 | 0.00 | 55.48 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5366.400 | -40.85 | ≤-29.00 | 3.62 | 0.00 | 58.00 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5460.000 | -49.32 | ≤-29.00 | 3.62 | 0.00 | 49.53 | ≤68.2 | PASS |
| 11AX20SISO | Ant1 | Low  | 5180 | AV   | 4500.000 | -58.32 | ≤-43.36 | 3.62 | 0.16 | 40.53 | ≤54   | PASS |
|            |      |      |      | AV   | 5147.500 | -52.01 | ≤-43.36 | 3.62 | 0.16 | 47.00 | ≤54   | PASS |
|            |      |      |      | AV   | 5150.000 | -52.39 | ≤-43.36 | 3.62 | 0.16 | 46.46 | ≤54   | PASS |
|            |      |      |      | Peak | 4500.000 | -49.58 | ≤-29.00 | 3.62 | 0.00 | 49.27 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5113.200 | -42.81 | ≤-29.00 | 3.62 | 0.00 | 56.04 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5150.000 | -42.49 | ≤-29.00 | 3.62 | 0.00 | 56.36 | ≤68.2 | PASS |
|            |      | High | 5240 | AV   | 5350.000 | -56.05 | ≤-43.33 | 3.62 | 0.13 | 42.80 | ≤54   | PASS |
|            |      |      |      | AV   | 5406.960 | -54.89 | ≤-43.33 | 3.62 | 0.13 | 44.09 | ≤54   | PASS |
|            |      |      |      | AV   | 5460.000 | -57.09 | ≤-43.33 | 3.62 | 0.13 | 41.76 | ≤54   | PASS |
|            |      |      |      | Peak | 5350.000 | -46.73 | ≤-29.00 | 3.62 | 0.00 | 52.12 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5355.840 | -44.61 | ≤-29.00 | 3.62 | 0.00 | 54.24 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5460.000 | -49.53 | ≤-29.00 | 3.62 | 0.00 | 49.32 | ≤68.2 | PASS |
| 11AX40SISO | Ant1 | Low  | 5190 | AV   | 4500.000 | -57.72 | ≤-43.46 | 3.62 | 0.26 | 41.13 | ≤54   | PASS |
|            |      |      |      | AV   | 5149.600 | -51.59 | ≤-43.46 | 3.62 | 0.26 | 47.52 | ≤54   | PASS |
|            |      |      |      | AV   | 5150.000 | -51.51 | ≤-43.46 | 3.62 | 0.26 | 47.34 | ≤54   | PASS |
|            |      |      |      | Peak | 4500.000 | -50.05 | ≤-29.00 | 3.62 | 0.00 | 48.80 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5148.900 | -37.64 | ≤-29.00 | 3.62 | 0.00 | 61.21 | ≤68.2 | PASS |
|            |      |      |      | Peak | 5150.000 | -40.83 | ≤-29.00 | 3.62 | 0.00 | 58.02 | ≤68.2 | PASS |
|            |      | High | 5230 | AV   | 5350.000 | -52.05 | ≤-43.46 | 3.62 | 0.26 | 46.80 | ≤54   | PASS |

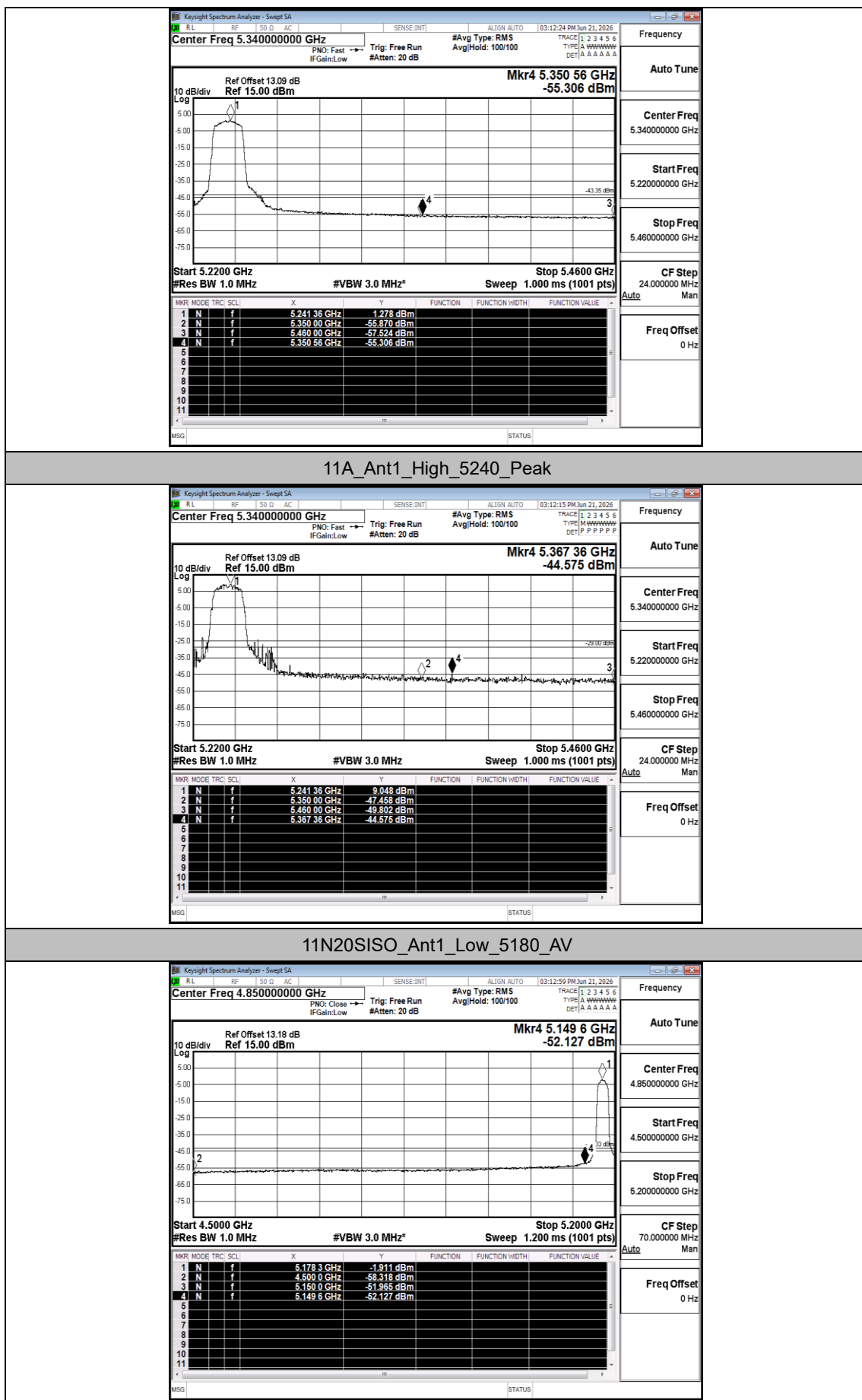
|  |  |  |  |      |          |        |         |      |      |       |       |      |
|--|--|--|--|------|----------|--------|---------|------|------|-------|-------|------|
|  |  |  |  | AV   | 5350.280 | -51.47 | ≤-43.46 | 3.62 | 0.26 | 47.64 | ≤54   | PASS |
|  |  |  |  | AV   | 5460.000 | -56.44 | ≤-43.46 | 3.62 | 0.26 | 42.41 | ≤54   | PASS |
|  |  |  |  | Peak | 5350.000 | -40.3  | ≤-29.00 | 3.62 | 0.00 | 58.55 | ≤68.2 | PASS |
|  |  |  |  | Peak | 5350.020 | -40.3  | ≤-29.00 | 3.62 | 0.00 | 58.55 | ≤68.2 | PASS |
|  |  |  |  | Peak | 5460.000 | -49.46 | ≤-29.00 | 3.62 | 0.00 | 49.39 | ≤68.2 | PASS |

Note:

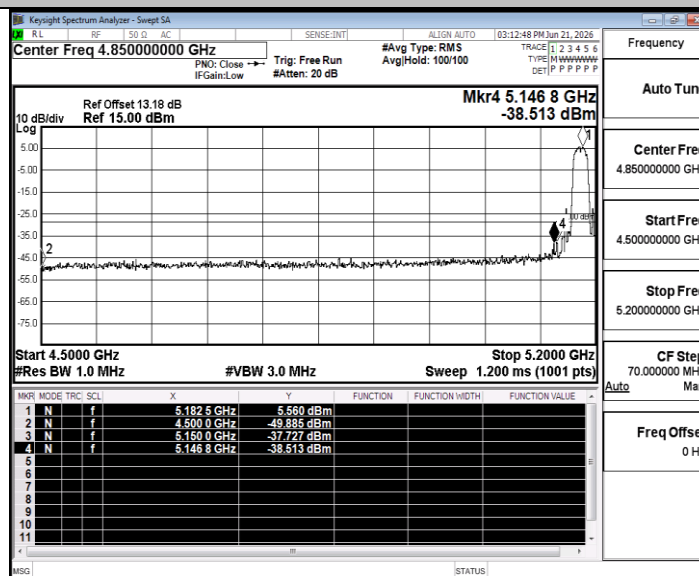
1. The Antenna Gain is compensated in the graph.

## Test Graphs

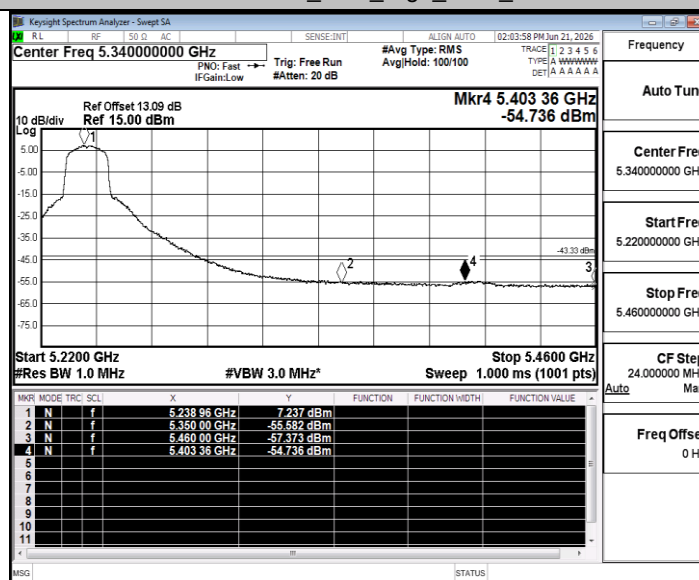




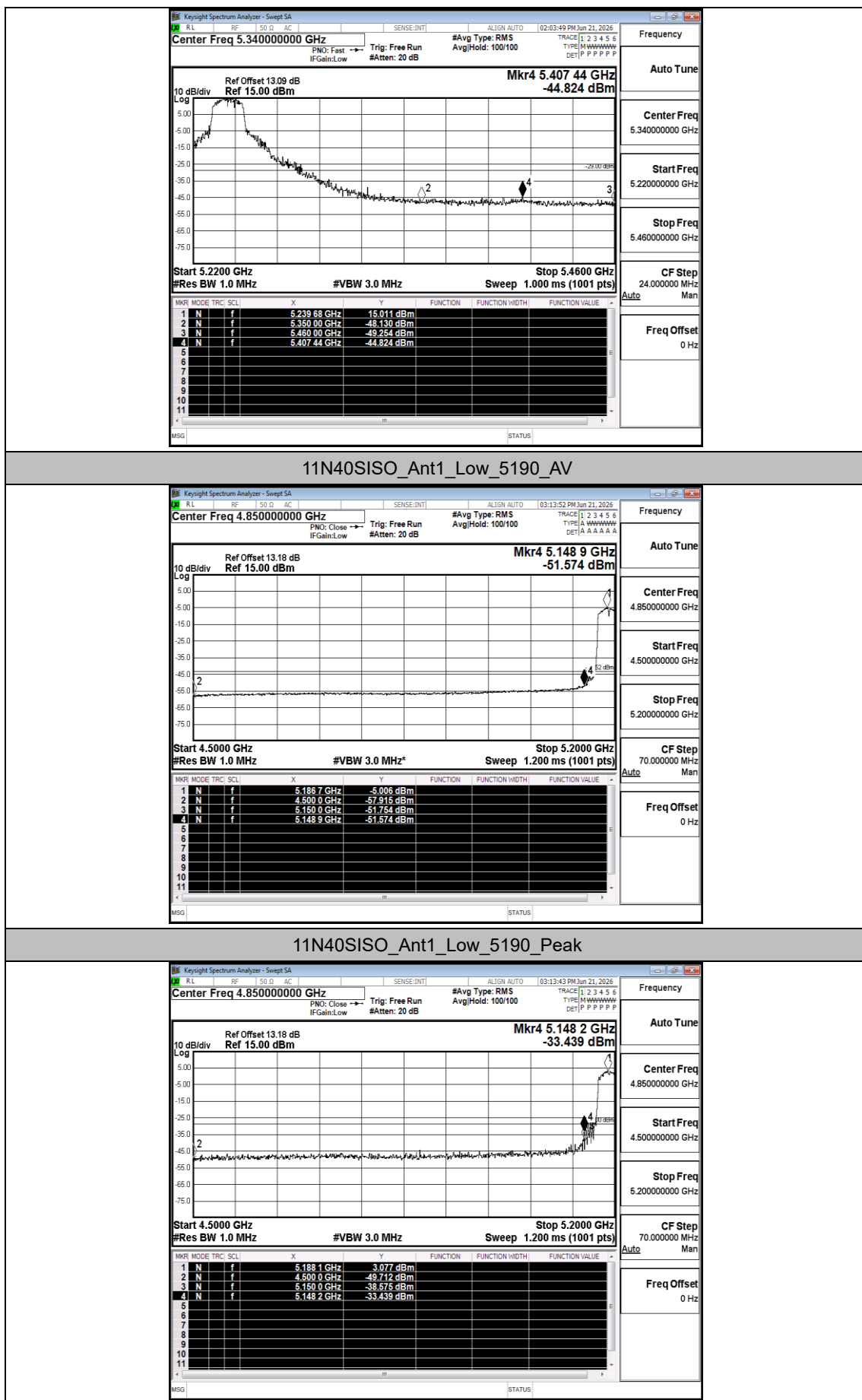
## 11N20SISO\_Ant1\_Low\_5180\_Peak



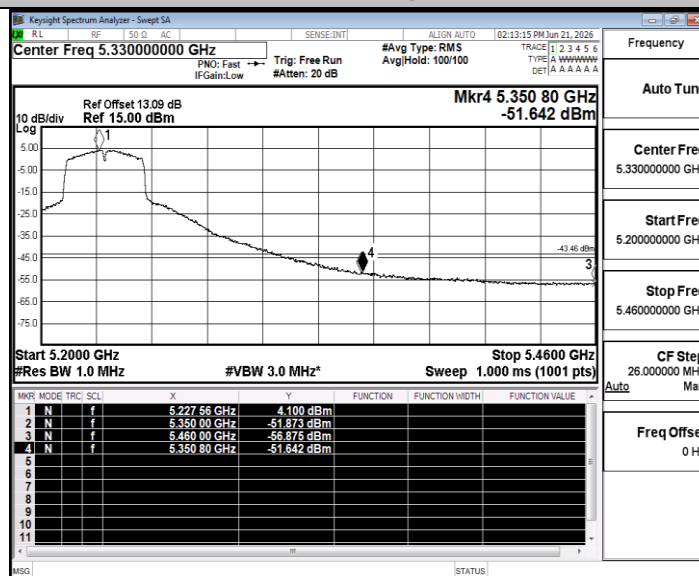
## 11N20SISO\_Ant1\_High\_5240\_AV



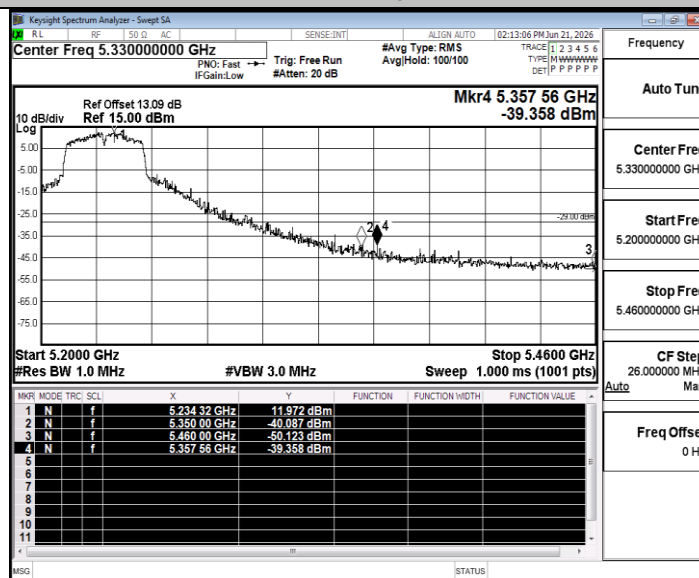
## 11N20SISO\_Ant1\_High\_5240\_Peak



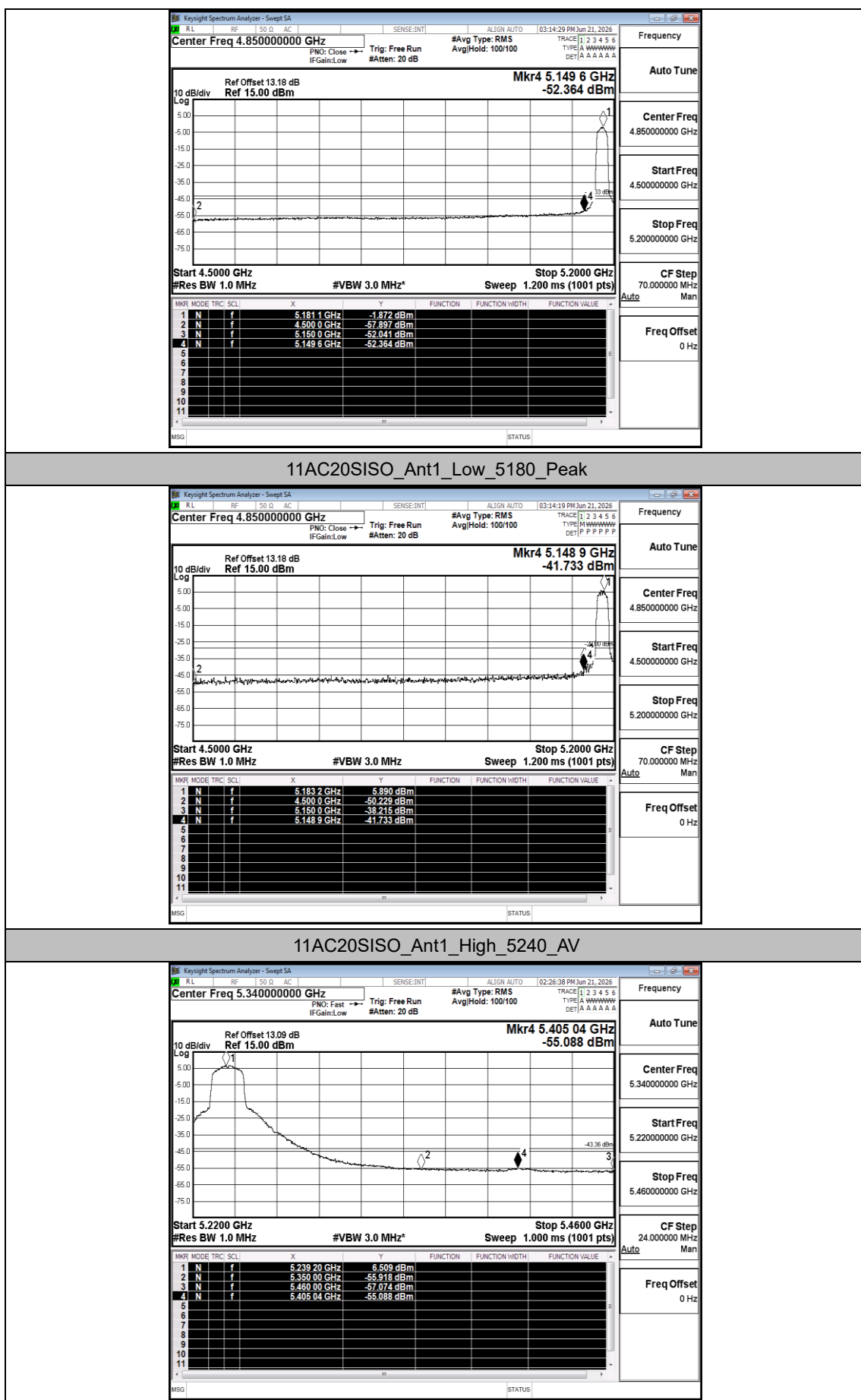
## 11N40SISO\_Ant1\_High\_5230\_AV



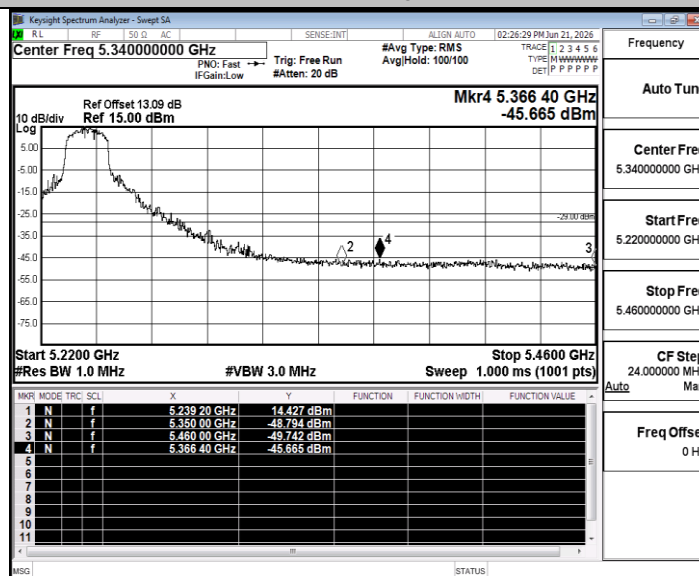
## 11N40SISO\_Ant1\_High\_5230\_Peak



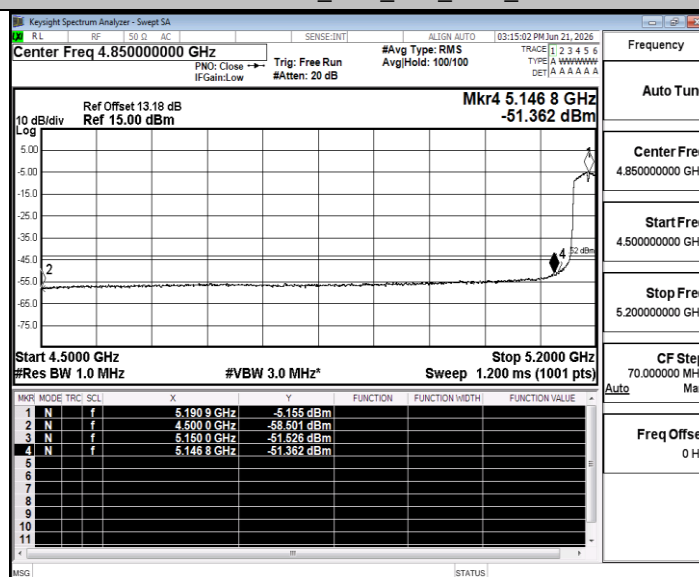
## 11AC20SISO\_Ant1\_Low\_5180\_AV



## 11AC20SISO\_Ant1\_High\_5240\_Peak



## 11AC40SISO\_Ant1\_Low\_5190\_AV



## 11AC40SISO\_Ant1\_Low\_5190\_Peak