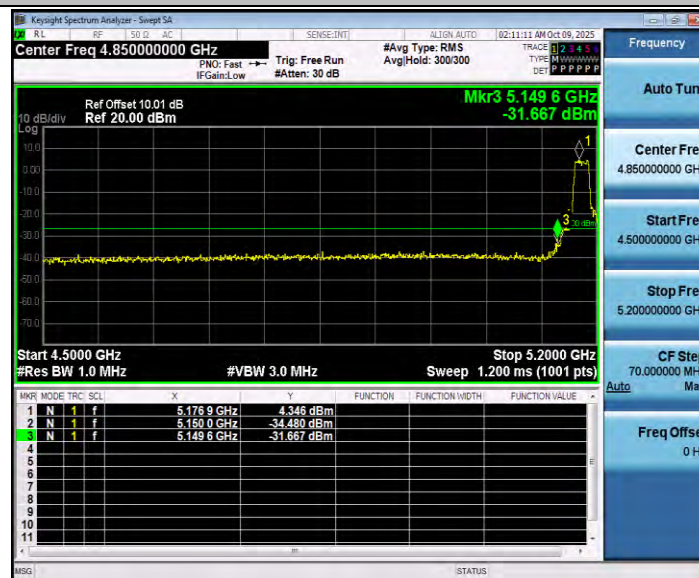


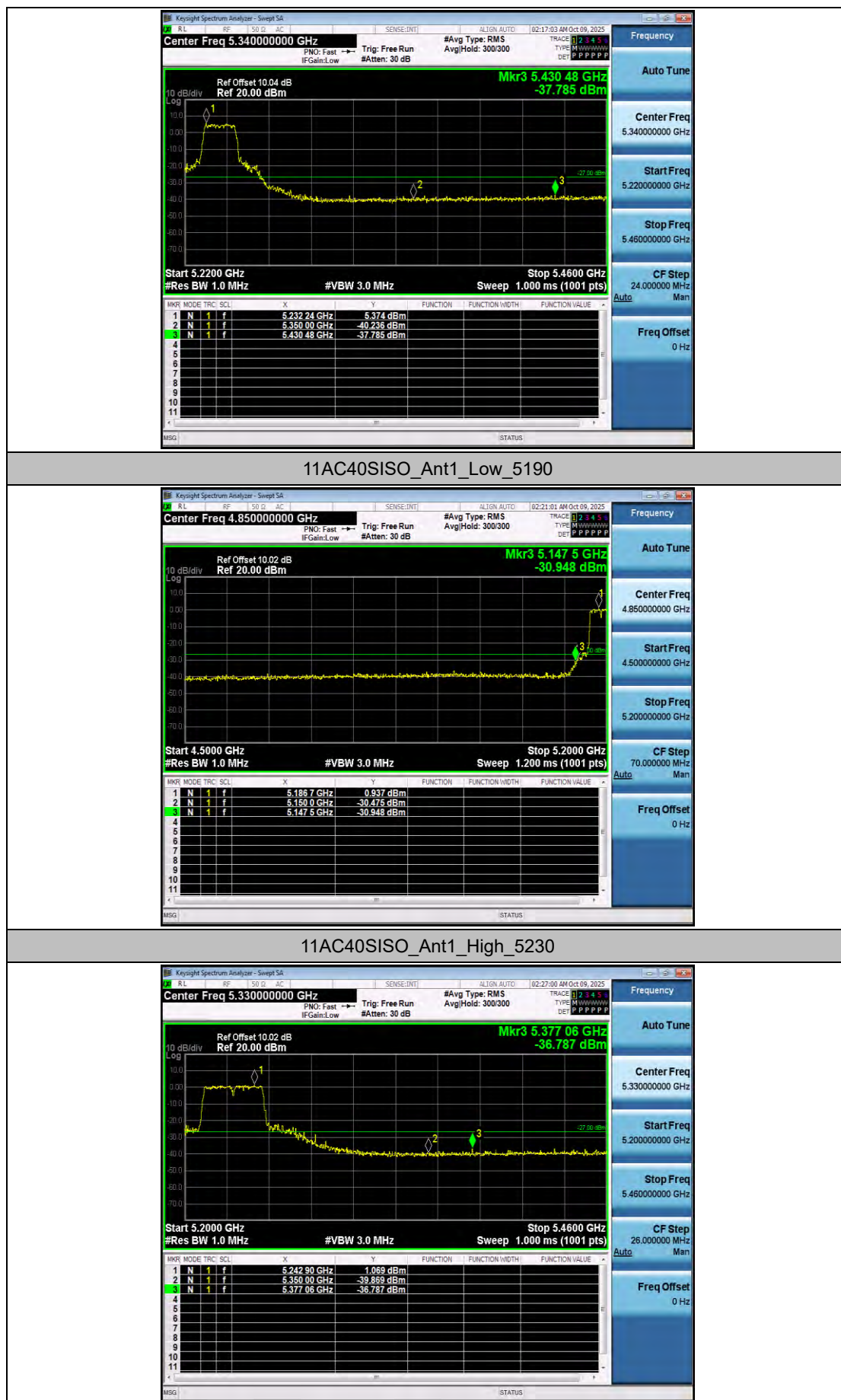
## 11N40SISO\_Ant1\_High\_5230



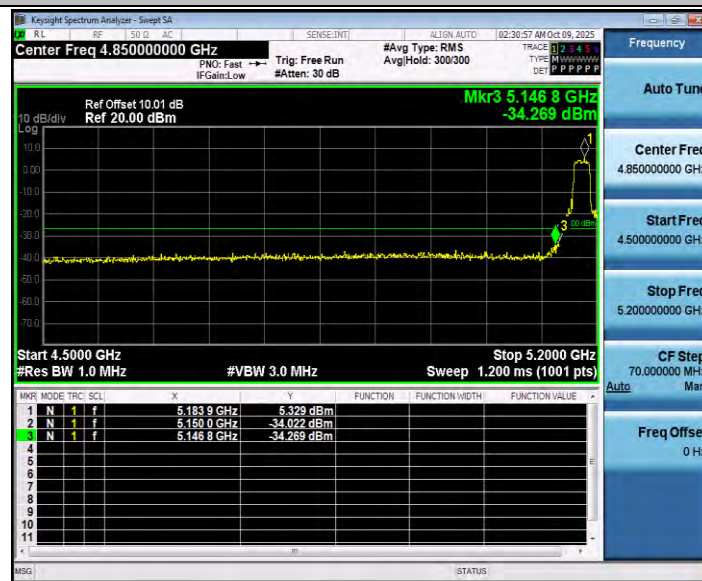
## 11AC20SISO\_Ant1\_Low\_5180



## 11AC20SISO\_Ant1\_High\_5240



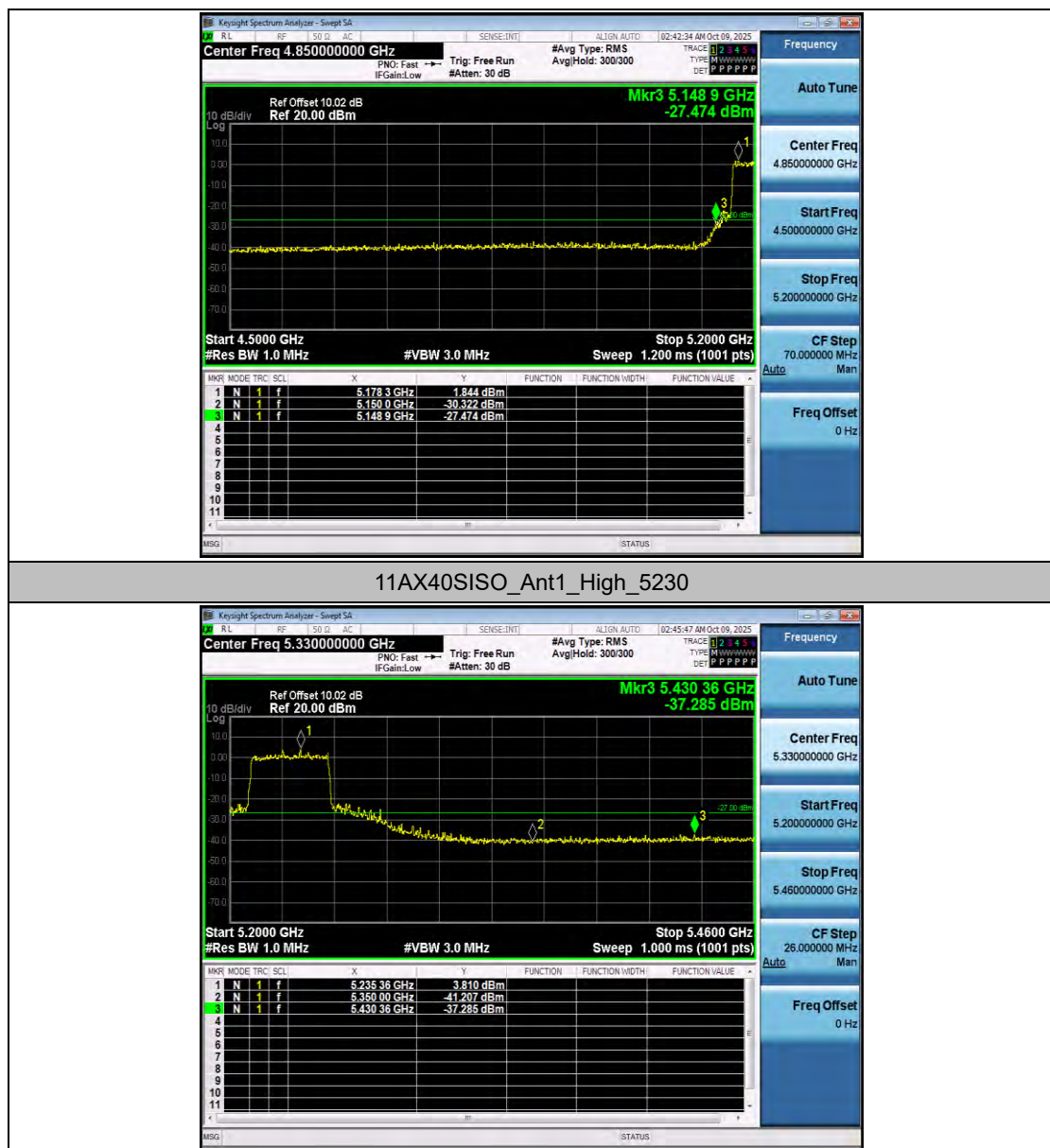
## 11AX20SISO\_Ant1\_Low\_5180



## 11AX20SISO\_Ant1\_High\_5240



## 11AX40SISO\_Ant1\_Low\_5190



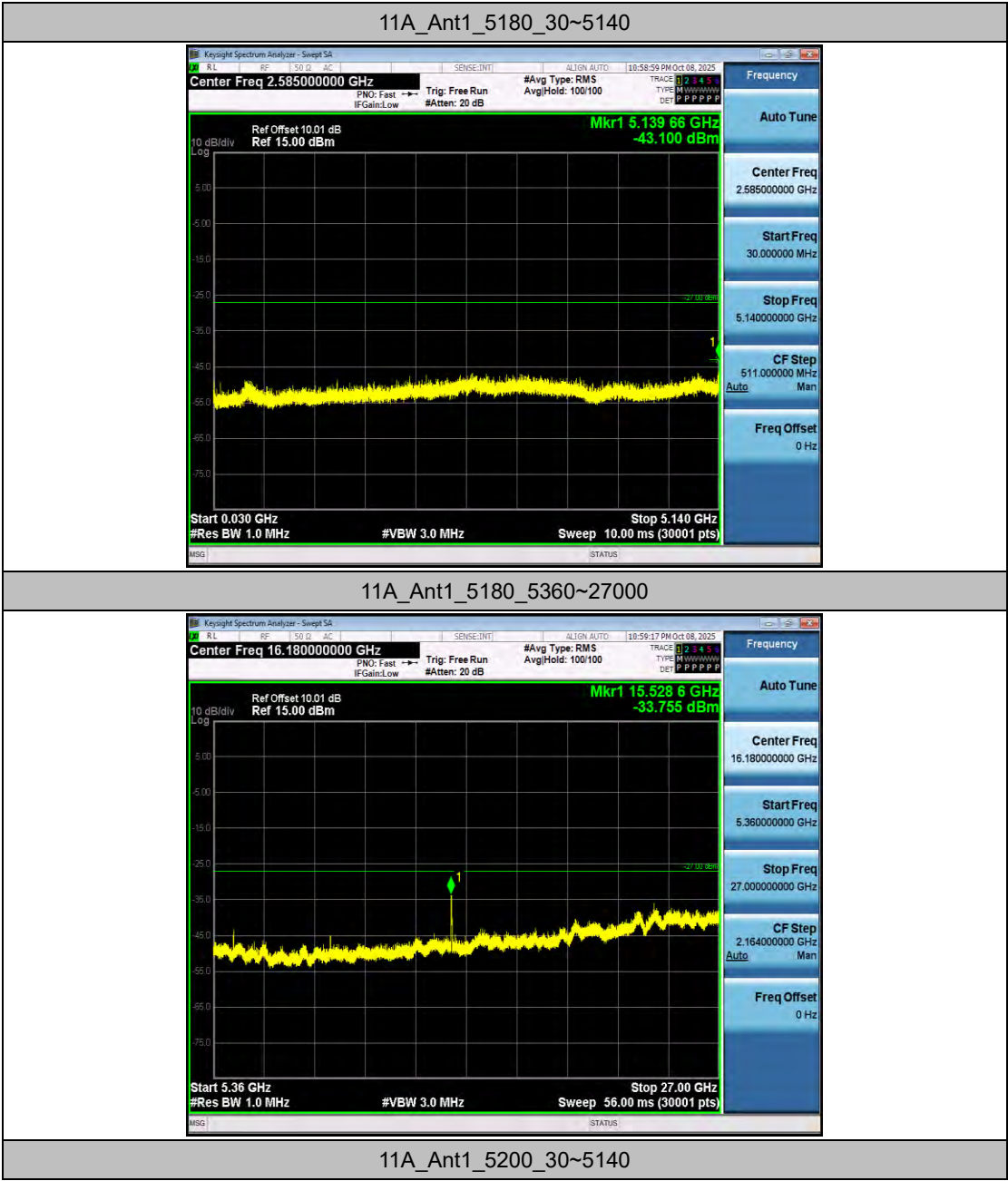
## Appendix D.7: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant1    | 5180      | 30~5140         | 5139.66        | -43.1            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15528.64       | -33.76           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 3191.9         | -46.35           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15605.82       | -33.86           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 2441.75        | -45.92           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24812.92       | -36.77           | ≤-27        | PASS    |
| 11N20SISO  | Ant1    | 5180      | 30~5140         | 5139.49        | -43.29           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15538.01       | -33.49           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 3587.75        | -46.42           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15584.18       | -33.9            | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 3276.38        | -46.21           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24261.82       | -36.31           | ≤-27        | PASS    |
| 11N40SISO  | Ant1    | 5190      | 30~5140         | 5135.23        | -44.3            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26912.72       | -36.61           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 2972.85        | -46.71           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24832.39       | -37              | ≤-27        | PASS    |
| 11AC20SISO | Ant1    | 5180      | 30~5140         | 5136.08        | -42.41           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15545.95       | -33.98           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 2670.17        | -46.18           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15602.93       | -34.75           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 2687.54        | -45.51           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15721.95       | -36.5            | ≤-27        | PASS    |
| 11AC40SISO | Ant1    | 5190      | 30~5140         | 5138.3         | -39.7            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26092.56       | -37.29           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 4979.38        | -46.01           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26933.64       | -36.39           | ≤-27        | PASS    |
| 11AX20SISO | Ant1    | 5180      | 30~5140         | 5139.32        | -40.06           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15540.9        | -34.42           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 2678.85        | -45.83           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15600.77       | -34.17           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 2638.83        | -46.02           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 15714.02       | -35.84           | ≤-27        | PASS    |
| 11AX40SISO | Ant1    | 5190      | 30~5140         | 5139.32        | -35.47           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25582.58       | -36.19           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 3314.71        | -46.79           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24215.65       | -36.85           | ≤-27        | PASS    |



Test Graphs





11A\_Ant1\_5200\_5360~27000



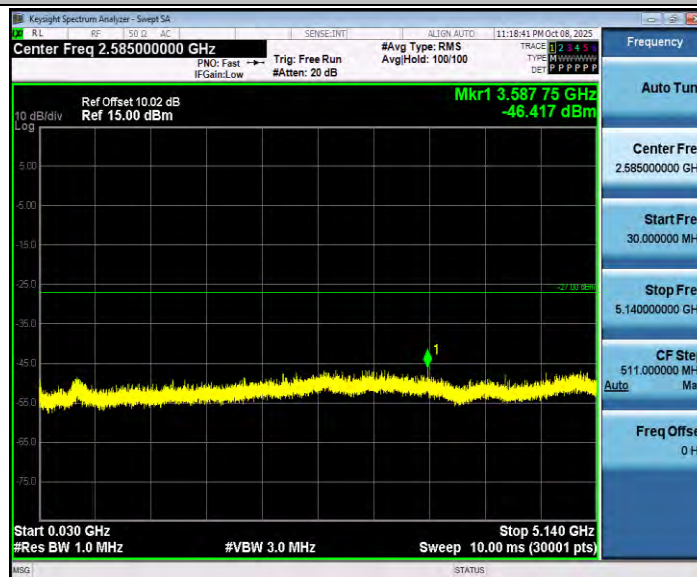
11A\_Ant1\_5240\_30~5140



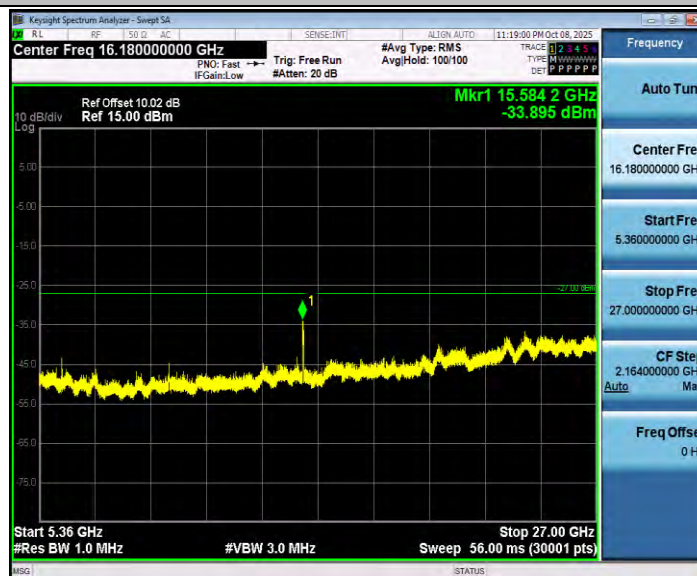




11N20SISO\_Ant1\_5200\_30~5140



11N20SISO\_Ant1\_5200\_5360~27000



## 11N20SISO\_Ant1\_5240\_30~5140



## 11N20SISO\_Ant1\_5240\_5360~27000



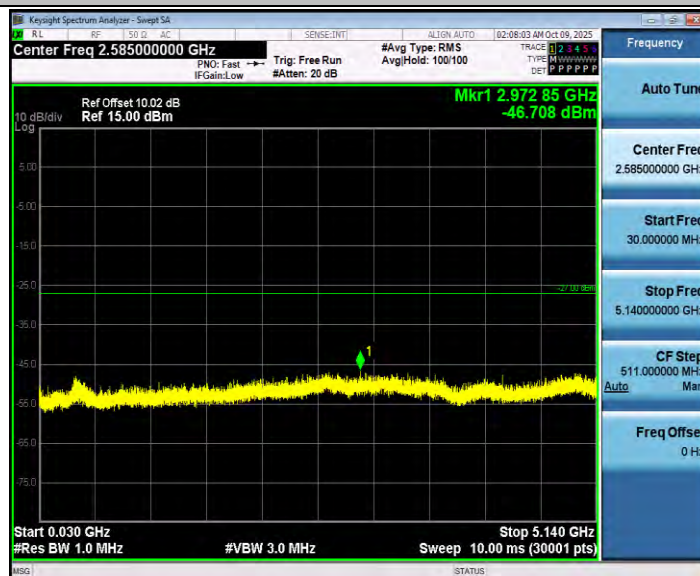
## 11N40SISO\_Ant1\_5190\_30~5140



11N40SISO\_Ant1\_5190\_5360~27000



11N40SISO\_Ant1\_5230\_30~5140



## 11N40SISO\_Ant1\_5230\_5360~27000



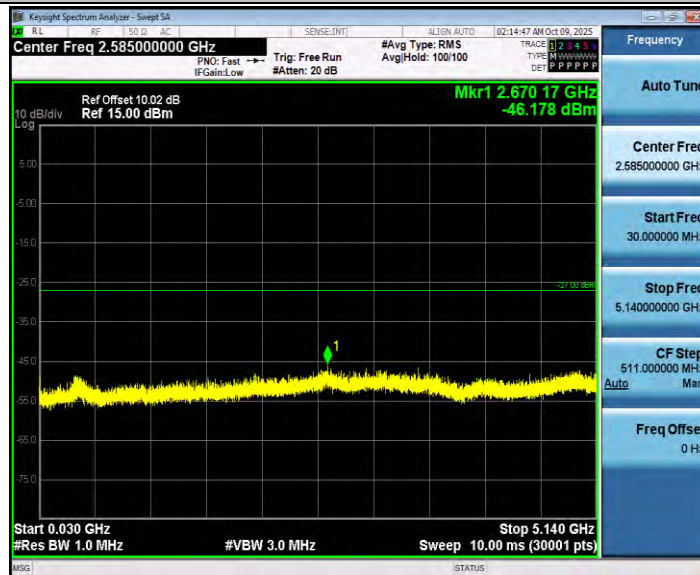
## 11AC20SISO\_Ant1\_5180\_30~5140



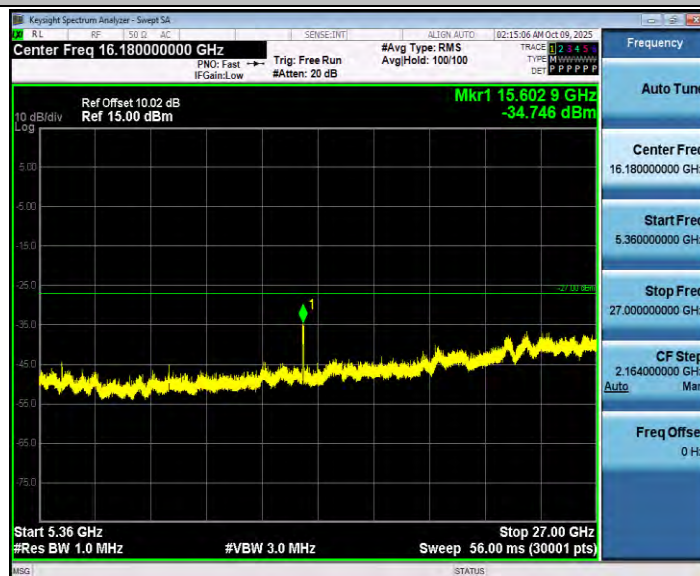
## 11AC20SISO\_Ant1\_5180\_5360~27000



11AC20SISO\_Ant1\_5200\_30~5140



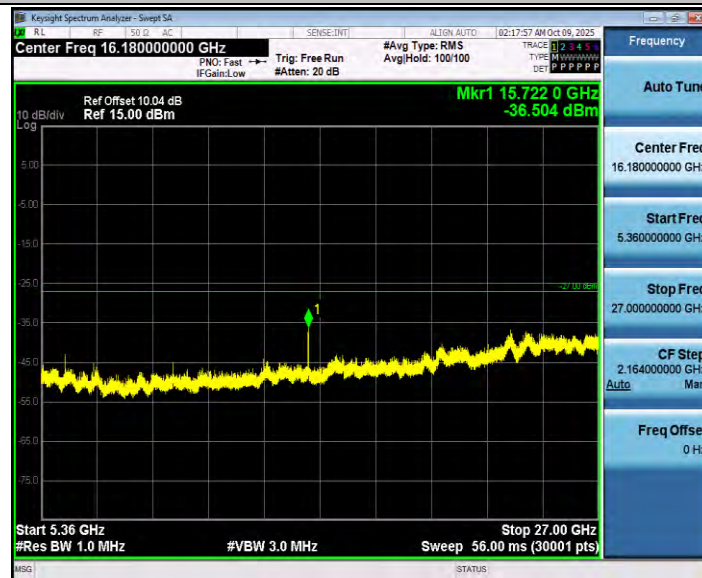
11AC20SISO\_Ant1\_5200\_5360~27000



## 11AC20SISO\_Ant1\_5240\_30~5140



## 11AC20SISO\_Ant1\_5240\_5360~27000



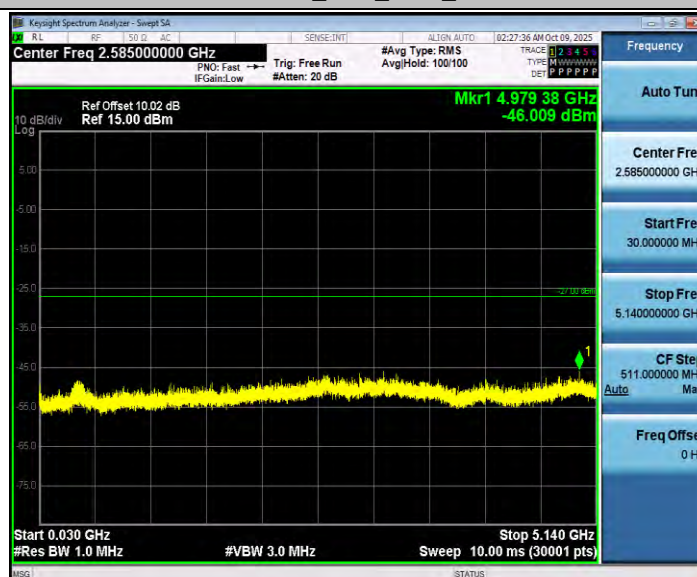
## 11AC40SISO\_Ant1\_5190\_30~5140



11AC40SISO\_Ant1\_5190\_5360~27000



11AC40SISO\_Ant1\_5230\_30~5140



## 11AC40SISO\_Ant1\_5230\_5360~27000



## 11AX20SISO\_Ant1\_5180\_30~5140



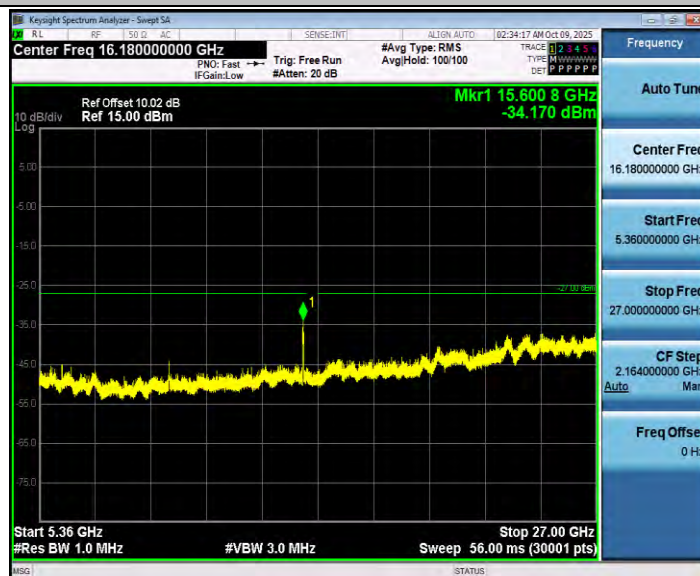
## 11AX20SISO\_Ant1\_5180\_5360~27000



11AX20SISO\_Ant1\_5200\_30~5140



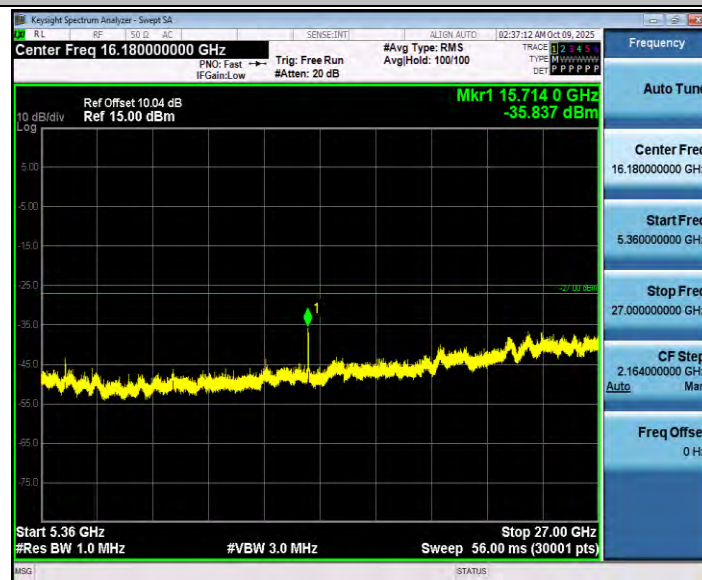
11AX20SISO\_Ant1\_5200\_5360~27000



## 11AX20SISO\_Ant1\_5240\_30~5140



## 11AX20SISO\_Ant1\_5240\_5360~27000



## 11AX40SISO\_Ant1\_5190\_30~5140

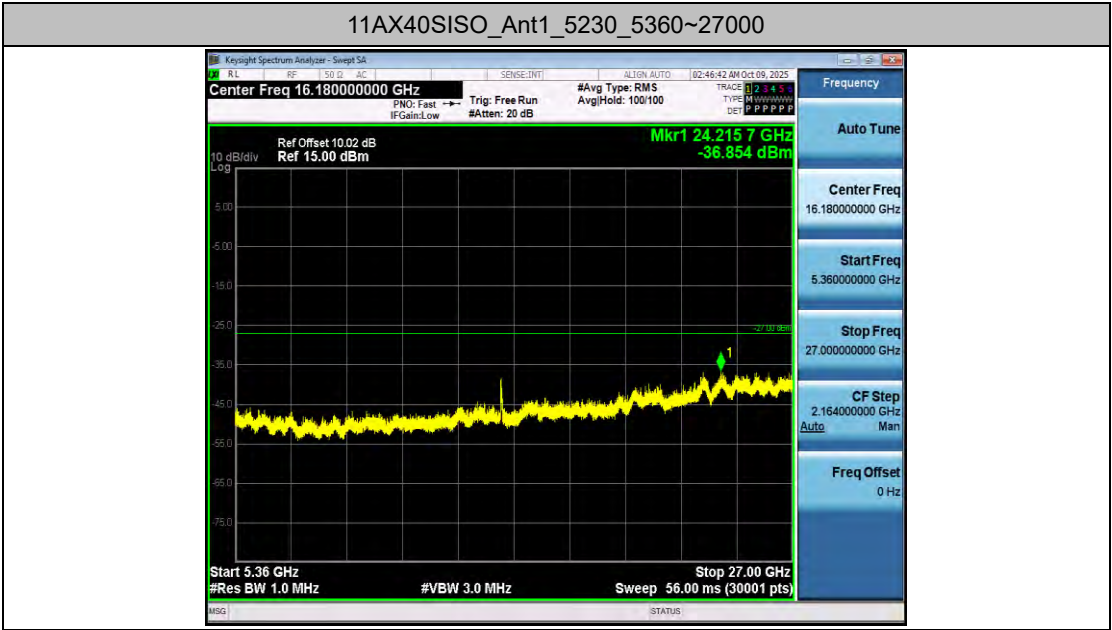


11AX40SISO\_Ant1\_5190\_5360~27000



11AX40SISO\_Ant1\_5230\_30~5140





## Appendix D.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    | 5180      | AV       | 4500.000   | -47.7        | ≤-41.20     | 47.50           | ≤54            | PASS    |
|               |         |        |           | AV       | 5149.600   | -43.71       | ≤-41.20     | 51.49           | ≤54            | PASS    |
|               |         |        |           | AV       | 5150.000   | -43.63       | ≤-41.20     | 51.57           | ≤54            | PASS    |
|               |         |        |           | Peak     | 4500.000   | -40.45       | ≤-21.20     | 54.75           | ≤74            | PASS    |
|               |         |        |           | Peak     | 4794.000   | -34.04       | ≤-21.20     | 61.16           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5150.000   | -36.32       | ≤-21.20     | 58.88           | ≤74            | PASS    |
|               |         | High   | 5240      | AV       | 5350.000   | -46.57       | ≤-41.20     | 48.63           | ≤54            | PASS    |
|               |         |        |           | AV       | 5446.800   | -45.5        | ≤-41.20     | 49.70           | ≤54            | PASS    |
|               |         |        |           | AV       | 5460.000   | -45.74       | ≤-41.20     | 49.46           | ≤54            | PASS    |
|               |         |        |           | Peak     | 5350.000   | -37.44       | ≤-21.20     | 57.76           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5446.560   | -36.02       | ≤-21.20     | 59.18           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5460.000   | -38.18       | ≤-21.20     | 57.02           | ≤74            | PASS    |
| 11N20SI<br>SO | Ant1    | Low    | 5180      | AV       | 4500.000   | -47.73       | ≤-41.20     | 47.47           | ≤54            | PASS    |
|               |         |        |           | AV       | 5149.600   | -43.62       | ≤-41.20     | 51.58           | ≤54            | PASS    |
|               |         |        |           | AV       | 5150.000   | -43.16       | ≤-41.20     | 52.04           | ≤54            | PASS    |
|               |         |        |           | Peak     | 4500.000   | -39.6        | ≤-21.20     | 55.60           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5148.200   | -33.86       | ≤-21.20     | 61.34           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5150.000   | -36.23       | ≤-21.20     | 58.97           | ≤74            | PASS    |
|               |         | High   | 5240      | AV       | 5350.000   | -46.58       | ≤-41.20     | 48.62           | ≤54            | PASS    |
|               |         |        |           | AV       | 5436.720   | -45.5        | ≤-41.20     | 49.70           | ≤54            | PASS    |
|               |         |        |           | AV       | 5460.000   | -45.65       | ≤-41.20     | 49.55           | ≤54            | PASS    |
|               |         |        |           | Peak     | 5350.000   | -39.91       | ≤-21.20     | 55.29           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5443.680   | -35.55       | ≤-21.20     | 59.65           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5460.000   | -39.1        | ≤-21.20     | 56.10           | ≤74            | PASS    |
| 11N40SI<br>SO | Ant1    | Low    | 5190      | AV       | 4500.000   | -47.51       | ≤-41.20     | 47.69           | ≤54            | PASS    |
|               |         |        |           | AV       | 4969.700   | -45.06       | ≤-41.20     | 50.14           | ≤54            | PASS    |
|               |         |        |           | AV       | 5150.000   | -45.38       | ≤-41.20     | 49.82           | ≤54            | PASS    |
|               |         |        |           | Peak     | 4500.000   | -39.56       | ≤-21.20     | 55.64           | ≤74            | PASS    |
|               |         |        |           | Peak     | 4885.700   | -35.28       | ≤-21.20     | 59.92           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5150.000   | -36.44       | ≤-21.20     | 58.76           | ≤74            | PASS    |
|               |         | High   | 5230      | AV       | 5350.000   | -46.53       | ≤-41.20     | 48.67           | ≤54            | PASS    |
|               |         |        |           | AV       | 5432.700   | -45.41       | ≤-41.20     | 49.79           | ≤54            | PASS    |
|               |         |        |           | AV       | 5460.000   | -45.47       | ≤-41.20     | 49.73           | ≤54            | PASS    |
|               |         |        |           | Peak     | 5350.000   | -39.97       | ≤-21.20     | 55.23           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5412.680   | -35.85       | ≤-21.20     | 59.35           | ≤74            | PASS    |
|               |         |        |           | Peak     | 5460.000   | -37.89       | ≤-21.20     | 57.31           | ≤74            | PASS    |

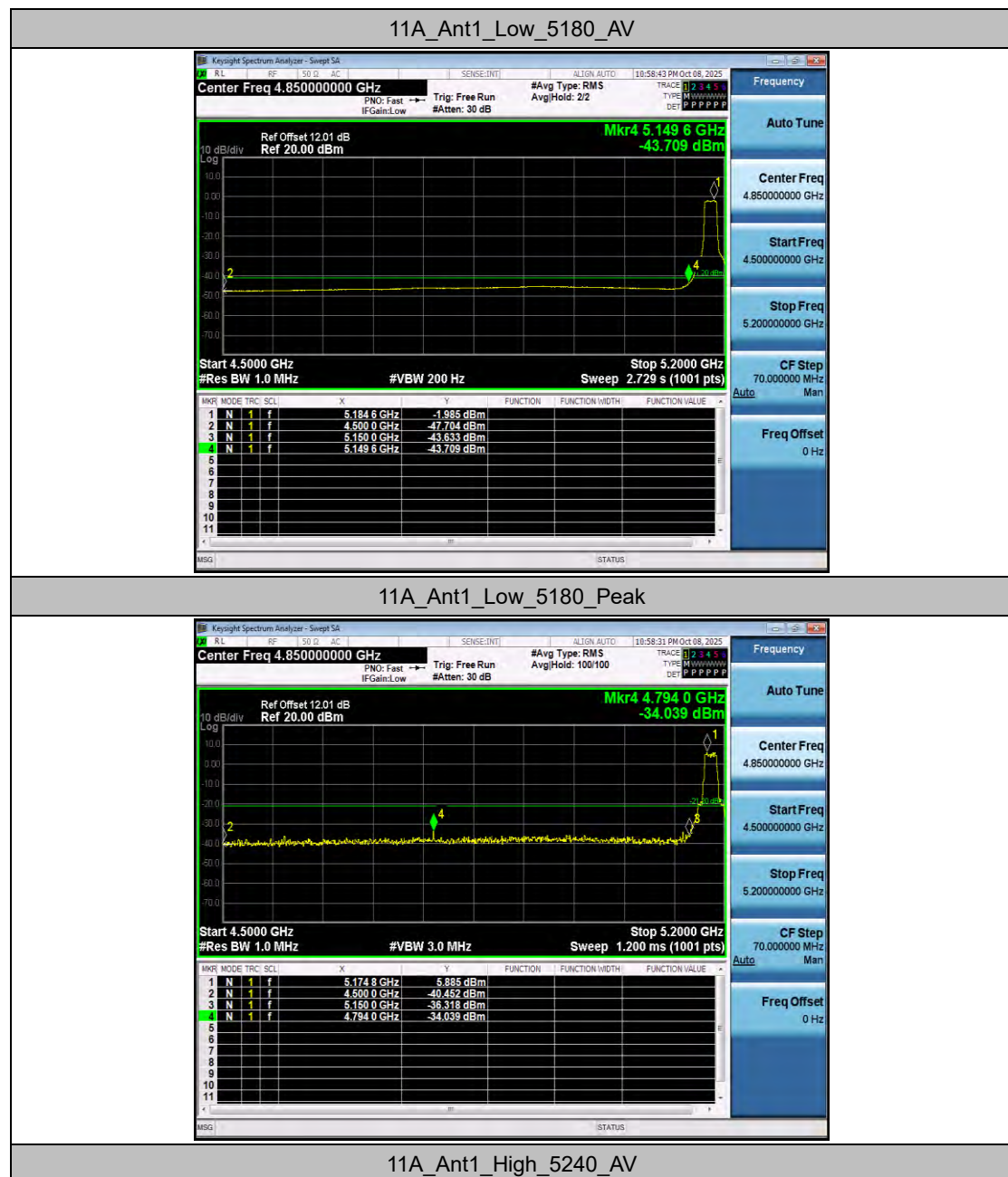
|                |      |      |      |      |          |        |         |         |     |      |
|----------------|------|------|------|------|----------|--------|---------|---------|-----|------|
| 11AC20S<br>ISO | Ant1 | Low  | 5180 | AV   | 4500.000 | -47.62 | ≤-41.20 | 47.58   | ≤54 | PASS |
|                |      |      |      | AV   | 5149.600 | -43.28 | ≤-41.20 | 51.92   | ≤54 | PASS |
|                |      |      |      | AV   | 5150.000 | -42.93 | ≤-41.20 | 52.27   | ≤54 | PASS |
|                |      |      |      | Peak | 4500.000 | -40.33 | ≤-21.20 | 54.87   | ≤74 | PASS |
|                |      |      |      | Peak | 5148.900 | -33.75 | ≤-21.20 | 61.45   | ≤74 | PASS |
|                |      |      |      | Peak | 5150.000 | -35.51 | ≤-21.20 | 59.69   | ≤74 | PASS |
|                |      | High | 5240 | AV   | 5350.000 | -46.52 | ≤-41.20 | 48.68   | ≤54 | PASS |
|                |      |      |      | AV   | 5452.320 | -45.48 | ≤-41.20 | 49.72   | ≤54 | PASS |
|                |      |      |      | AV   | 5460.000 | -45.52 | ≤-41.20 | 49.68   | ≤54 | PASS |
|                |      |      |      | Peak | 5350.000 | -39.26 | ≤-21.20 | 55.94   | ≤74 | PASS |
|                |      |      |      | Peak | 5414.880 | -35.94 | ≤-21.20 | 59.26   | ≤74 | PASS |
|                |      |      |      | Peak | 5460.000 | -38.11 | ≤-21.20 | 57.09   | ≤74 | PASS |
| 11AC40S<br>ISO | Ant1 | Low  | 5190 | AV   | 4500.000 | -47.63 | ≤-41.20 | 47.57   | ≤54 | PASS |
|                |      |      |      | AV   | 5148.900 | -40.29 | ≤-41.20 | 54.91   | ≤54 | FAIL |
|                |      |      |      | AV   | 5150.000 | -39.89 | ≤-41.20 | 55.31   | ≤54 | FAIL |
|                |      |      |      | Peak | 4500.000 | -39.37 | ≤-21.20 | 55.83   | ≤74 | PASS |
|                |      |      |      | Peak | 5144.000 | -28.44 | ≤-21.20 | 66.76   | ≤74 | PASS |
|                |      |      |      | Peak | 5150.000 | -29.45 | ≤-21.20 | 65.75   | ≤74 | PASS |
|                |      | High | 5230 | AV   | 5350.000 | -46.36 | ≤-41.20 | 48.84   | ≤54 | PASS |
|                |      |      |      | AV   | 5444.140 | -45.46 | ≤-41.20 | 49.74   | ≤54 | PASS |
|                |      |      |      | AV   | 5460.000 | -45.65 | ≤-41.20 | 49.55   | ≤54 | PASS |
|                |      |      |      | Peak | 5350.000 | -39.53 | ≤-21.20 | 55.67   | ≤74 | PASS |
|                |      |      |      | Peak | 5459.480 | -35.52 | ≤-21.20 | 59.68   | ≤74 | PASS |
|                |      |      |      | Peak | 5460.000 | -37.95 | ≤-21.20 | 57.25   | ≤74 | PASS |
| 11AX20S<br>ISO | Ant1 | Low  | 5180 | AV   | 4500.000 | -47.62 | ≤-41.20 | 47.58   | ≤54 | PASS |
|                |      |      |      | AV   | 5148.900 | -42.57 | ≤-41.20 | 52.63   | ≤54 | PASS |
|                |      |      |      | AV   | 5150.000 | -46.45 | ≤-41.20 | 48.75   | ≤54 | PASS |
|                |      |      |      | Peak | 4500.000 | -40.37 | ≤-21.20 | 54.83   | ≤74 | PASS |
|                |      |      |      | Peak | 5148.900 | -32.08 | ≤-21.20 | 63.12   | ≤74 | PASS |
|                |      |      |      | Peak | 5150.000 | -33.44 | ≤-21.20 | 61.76   | ≤74 | PASS |
|                |      | High | 5240 | AV   | 5350.000 | -46.47 | ≤-41.20 | 48.73   | ≤54 | PASS |
|                |      |      |      | AV   | 5431.200 | -45.44 | ≤-41.20 | 49.76   | ≤54 | PASS |
|                |      |      |      | AV   | 5460.000 | -45.47 | ≤-41.20 | 49.73   | ≤54 | PASS |
|                |      |      |      | Peak | 5350.000 | -38.25 | ≤-21.20 | 56.95   | ≤74 | PASS |
|                |      |      |      | Peak | 5440.320 | -34.87 | ≤-21.20 | 60.33   | ≤74 | PASS |
|                |      |      |      | Peak | 5460.000 | -38.23 | ≤-21.20 | 56.97   | ≤74 | PASS |
| 11AX40S<br>ISO | Ant1 | Low  | 5190 | AV   | 4500.000 | -1000  | ≤-41.20 | -904.80 | ≤54 | PASS |
|                |      |      |      | AV   | 5150.000 | -1000  | ≤-41.20 | -904.80 | ≤54 | PASS |
|                |      |      |      | Peak | 4500.000 | -38.92 | ≤-21.20 | 56.28   | ≤74 | PASS |
|                |      |      |      | Peak | 5147.500 | -26.09 | ≤-21.20 | 69.11   | ≤74 | PASS |
|                |      |      |      | Peak | 5150.000 | -28.03 | ≤-21.20 | 67.17   | ≤74 | PASS |
|                |      | High | 5230 | AV   | 5350.000 | -46.41 | ≤-41.20 | 48.79   | ≤54 | PASS |
|                |      |      |      | AV   | 5446.480 | -45.48 | ≤-41.20 | 49.72   | ≤54 | PASS |

|  |  |  |  |      |          |        |               |       |           |      |
|--|--|--|--|------|----------|--------|---------------|-------|-----------|------|
|  |  |  |  | AV   | 5460.000 | -45.55 | $\leq -41.20$ | 49.65 | $\leq 54$ | PASS |
|  |  |  |  | Peak | 5350.000 | -37.18 | $\leq -21.20$ | 58.02 | $\leq 74$ | PASS |
|  |  |  |  | Peak | 5447.260 | -35.7  | $\leq -21.20$ | 59.50 | $\leq 74$ | PASS |
|  |  |  |  | Peak | 5460.000 | -38.57 | $\leq -21.20$ | 56.63 | $\leq 74$ | 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

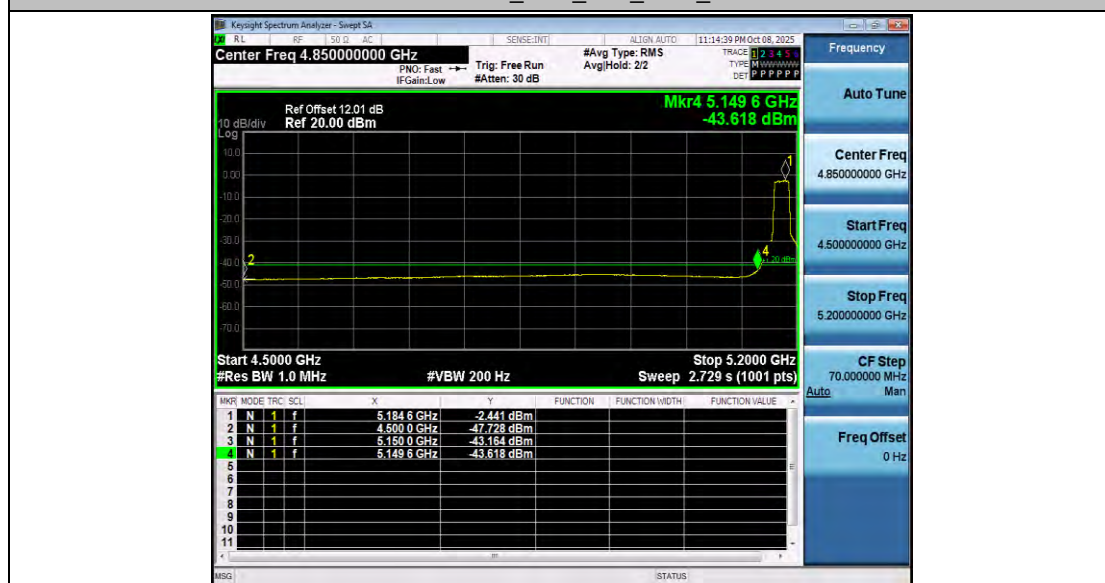




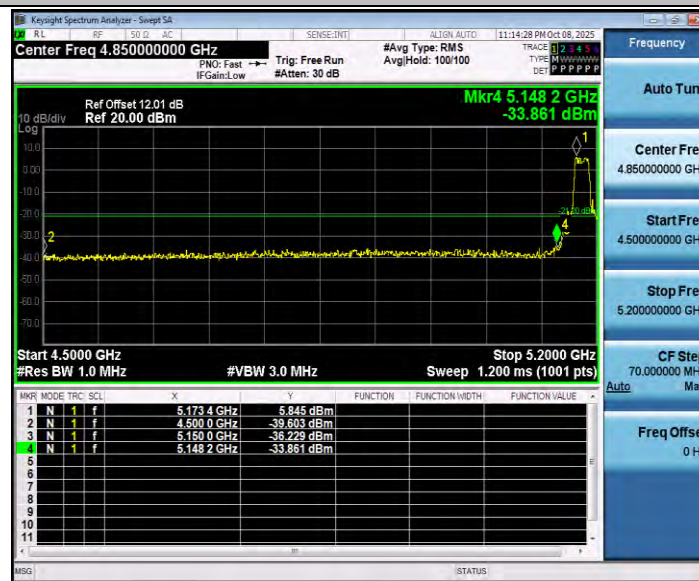
11A\_Ant1\_High\_5240\_Peak



11N20SISO\_Ant1\_Low\_5180\_AV



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



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



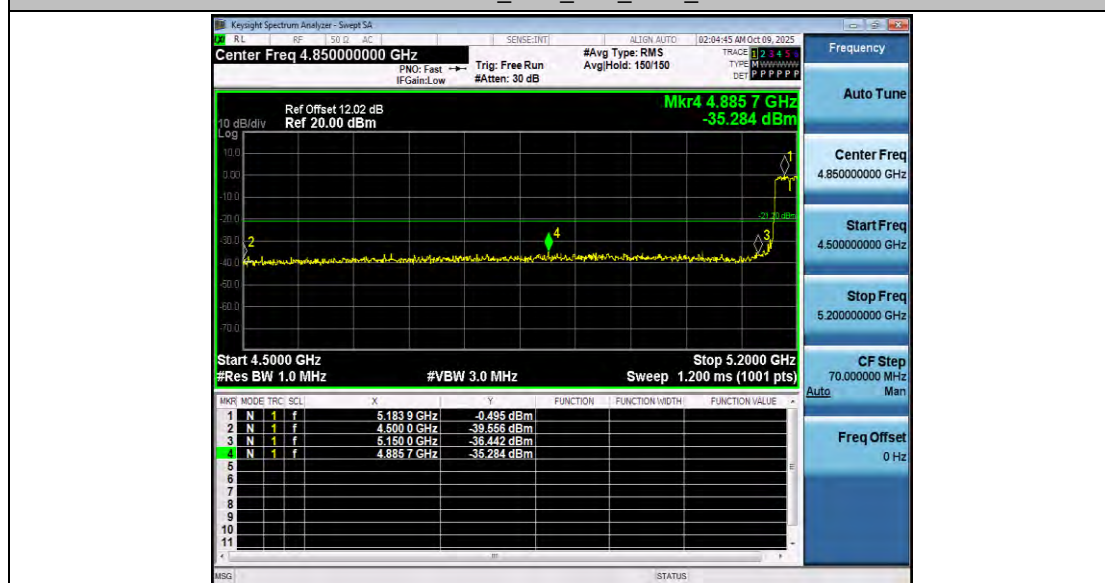
## 11N20SISO\_Ant1\_High\_5240\_Peak



11N40SISO\_Ant1\_Low\_5190\_AV



11N40SISO\_Ant1\_Low\_5190\_Peak



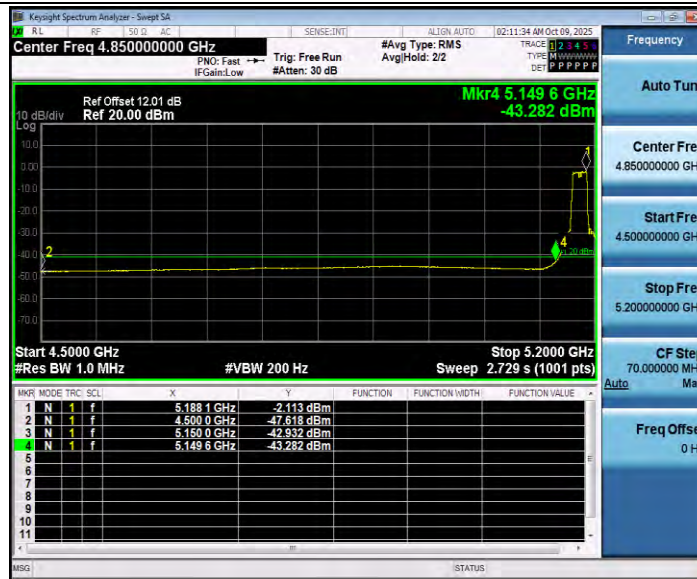
## 11N40SISO\_Ant1\_High\_5230\_AV



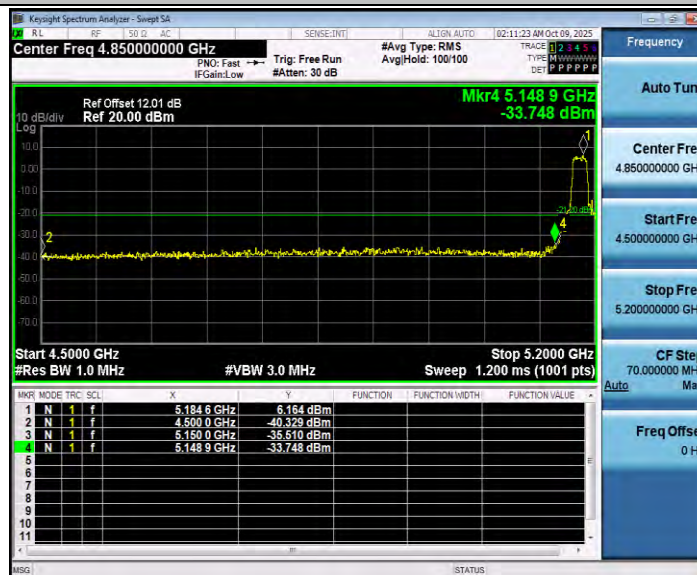
## 11N40SISO\_Ant1\_High\_5230\_Peak



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



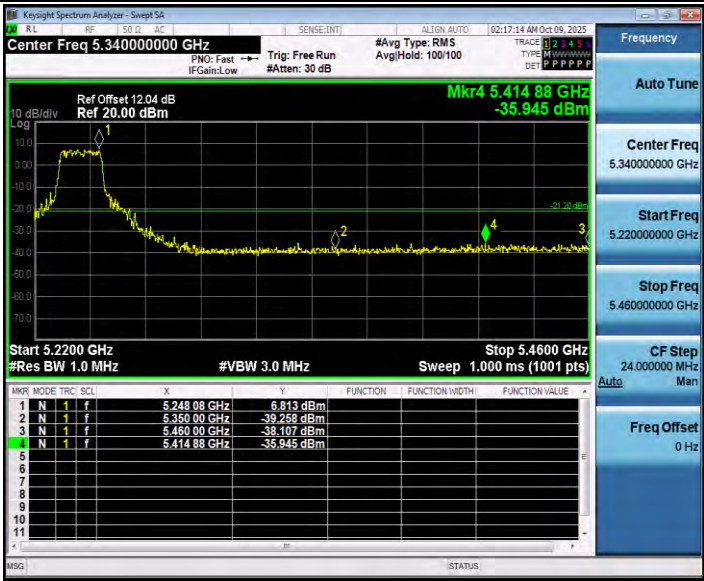
11AC20SISO\_Ant1\_Low\_5180\_Peak



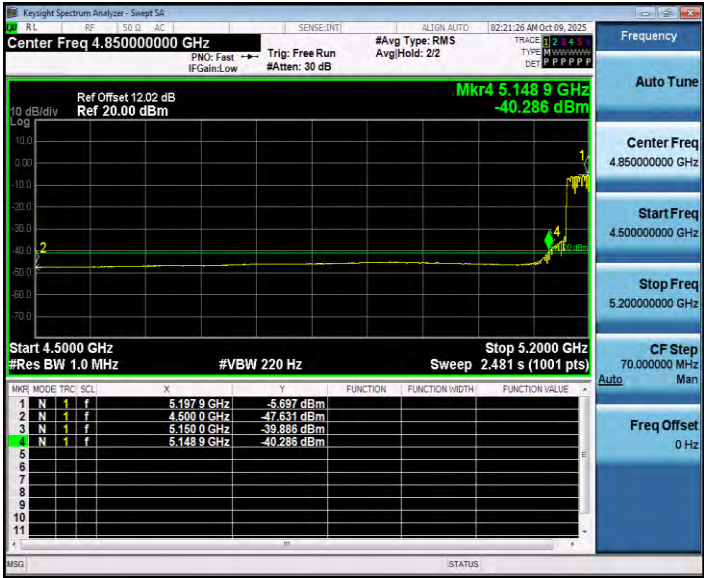
11AC20SISO\_Ant1\_High\_5240\_AV



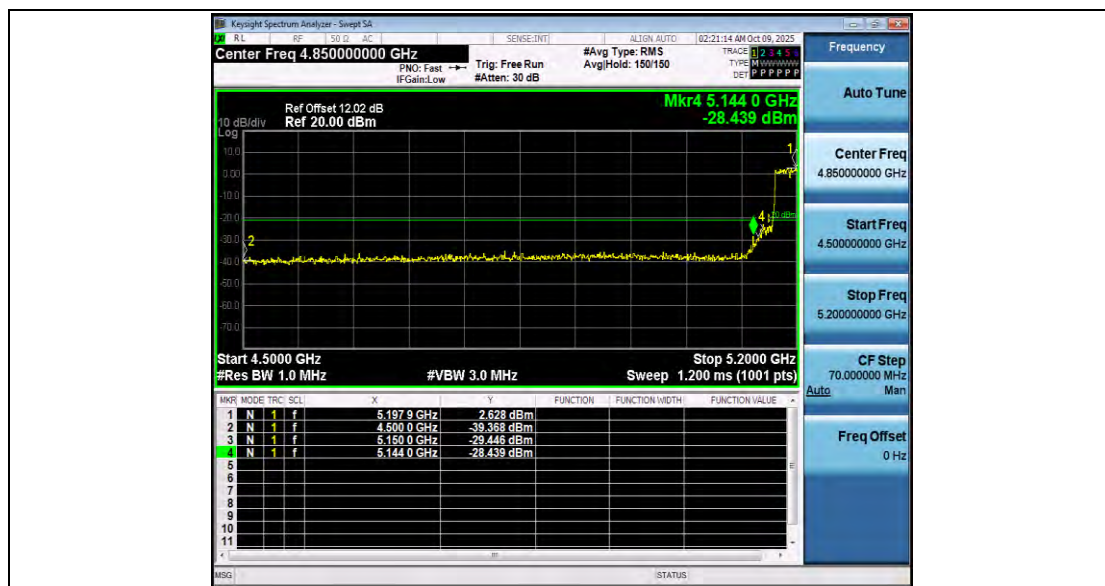
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11AC40SISO\_Ant1\_Low\_5190\_AV



11AC40SISO\_Ant1\_Low\_5190\_Peak



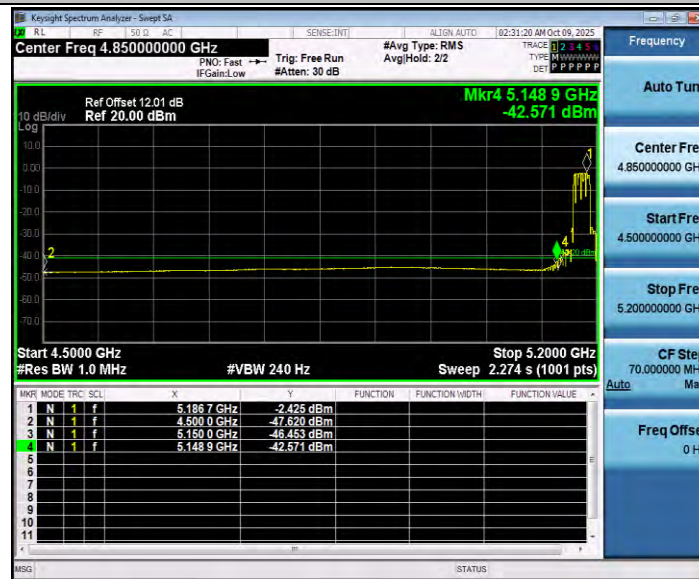
11AC40SISO\_Ant1\_High\_5230\_AV



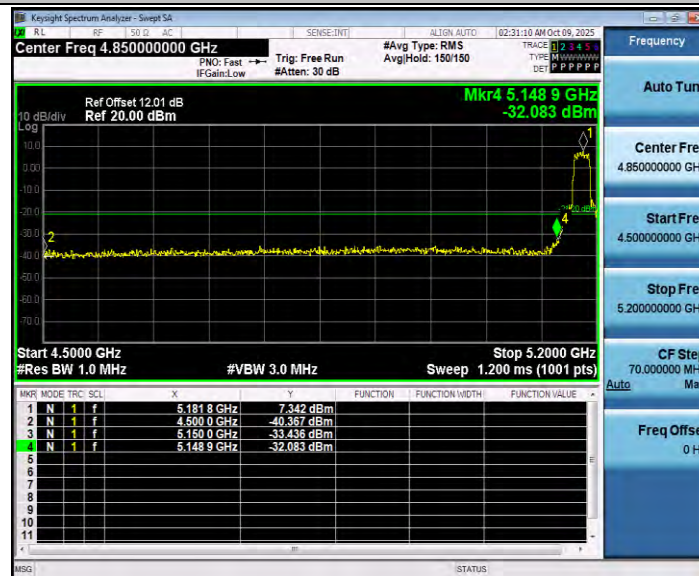
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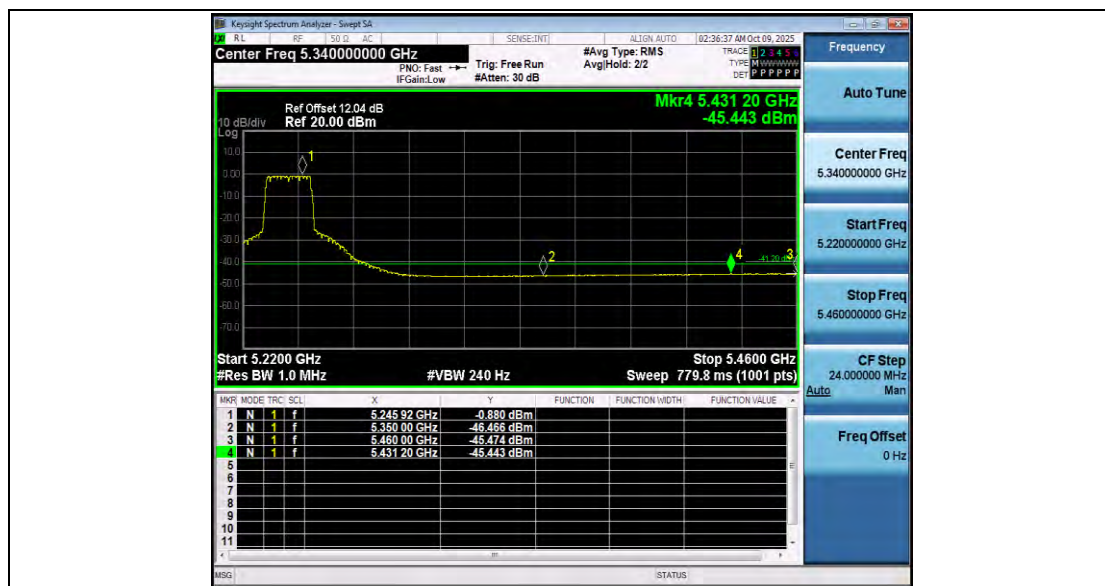
## 11AX20SISO\_Ant1\_Low\_5180\_AV



## 11AX20SISO\_Ant1\_Low\_5180\_Peak



## 11AX20SISO\_Ant1\_High\_5240\_AV



11AX20ISO\_Ant1\_High\_5240\_Peak



11AX40ISO\_Ant1\_Low\_5190\_Peak

