

|                                                                                       |
|---------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20251225009-2-12</u>                                          |
| <b>Ambient Condition:</b> <u>23</u> °C, <u>51</u> %RH                                 |
| <b>According Standard:</b> ■Part15E                                                   |
| <b>Test Date:</b> <u>2026.1.19-2026.3.10</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

## Appendix D.1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant2    | 5180      | 21.680            | 5169.040 | 5190.720 | ---        | ---     |
|            |         | 5200      | 21.720            | 5189.000 | 5210.720 | ---        | ---     |
|            |         | 5240      | 25.880            | 5227.200 | 5253.080 | ---        | ---     |
| 11N20SISO  | Ant2    | 5180      | 22.600            | 5168.680 | 5191.280 | ---        | ---     |
|            |         | 5200      | 22.600            | 5188.480 | 5211.080 | ---        | ---     |
|            |         | 5240      | 23.520            | 5228.680 | 5252.200 | ---        | ---     |
| 11N40SISO  | Ant2    | 5190      | 44.000            | 5167.920 | 5211.920 | ---        | ---     |
|            |         | 5230      | 58.240            | 5207.760 | 5266.000 | ---        | ---     |
| 11AC20SISO | Ant2    | 5180      | 22.480            | 5168.640 | 5191.120 | ---        | ---     |
|            |         | 5200      | 22.800            | 5188.440 | 5211.240 | ---        | ---     |
|            |         | 5240      | 24.680            | 5228.480 | 5253.160 | ---        | ---     |
| 11AC40SISO | Ant2    | 5190      | 43.280            | 5168.240 | 5211.520 | ---        | ---     |
|            |         | 5230      | 44.880            | 5207.920 | 5252.800 | ---        | ---     |
| 11AC80SISO | Ant2    | 5210      | 83.520            | 5168.560 | 5252.080 | ---        | ---     |





11N20SISO\_Ant2\_5180



11N20SISO\_Ant2\_5200



## 11N20SISO\_Ant2\_5240



## 11N40SISO\_Ant2\_5190



## 11N40SISO\_Ant2\_5230



11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant2\_5200



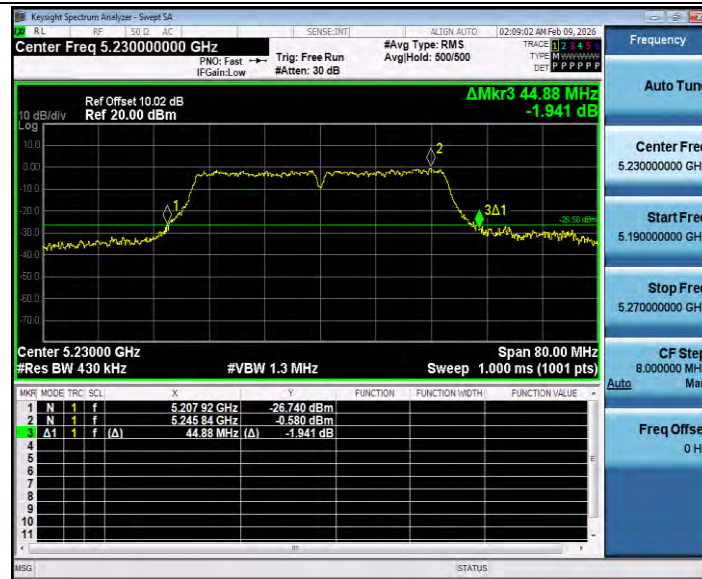
## 11AC20SISO\_Ant2\_5240



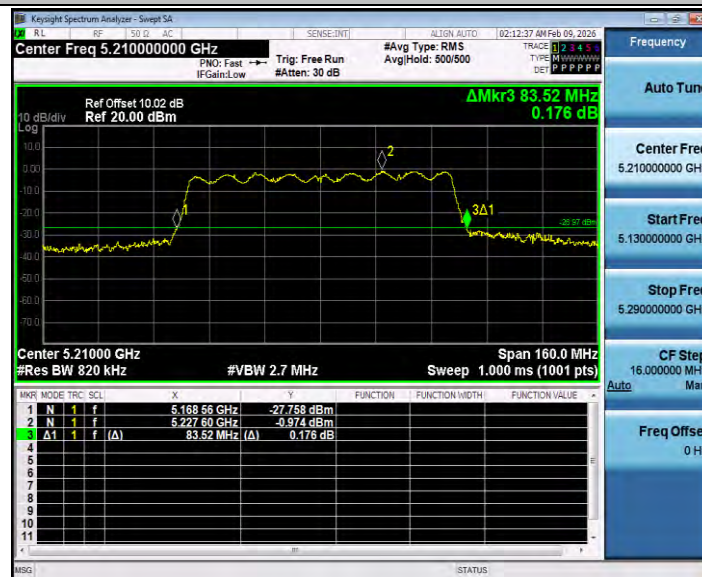
## 11AC40SISO\_Ant2\_5190



## 11AC40SISO\_Ant2\_5230



11AC80SISO\_Ant2\_5210



## Appendix D.2: Occupied channel bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant2    | 5180      | 17.284    | 5171.2580 | 5188.5420 | ---        | ---     |
|            |         | 5200      | 17.310    | 5191.2279 | 5208.5379 | ---        | ---     |
|            |         | 5240      | 17.540    | 5231.1351 | 5248.6751 | ---        | ---     |
| 11N20SISO  | Ant2    | 5180      | 18.289    | 5170.8189 | 5189.1079 | ---        | ---     |
|            |         | 5200      | 18.284    | 5190.8092 | 5209.0932 | ---        | ---     |
|            |         | 5240      | 18.358    | 5230.7958 | 5249.1538 | ---        | ---     |
| 11N40SISO  | Ant2    | 5190      | 37.174    | 5171.5012 | 5208.6752 | ---        | ---     |
|            |         | 5230      | 37.404    | 5211.4498 | 5248.8538 | ---        | ---     |
| 11AC20SISO | Ant2    | 5180      | 18.317    | 5170.8065 | 5189.1235 | ---        | ---     |
|            |         | 5200      | 18.319    | 5190.7998 | 5209.1188 | ---        | ---     |
|            |         | 5240      | 18.384    | 5230.7799 | 5249.1639 | ---        | ---     |
| 11AC40SISO | Ant2    | 5190      | 37.231    | 5171.4729 | 5208.7039 | ---        | ---     |
|            |         | 5230      | 37.350    | 5211.4309 | 5248.7809 | ---        | ---     |
| 11AC80SISO | Ant2    | 5210      | 76.171    | 5172.1820 | 5248.3530 | ---        | ---     |

## Test Graphs

11A\_Ant2\_5180



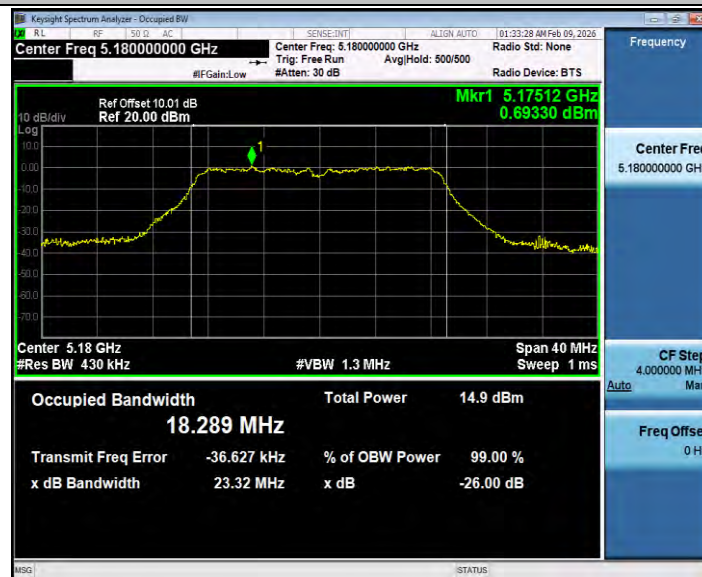
11A\_Ant2\_5200



11A\_Ant2\_5240



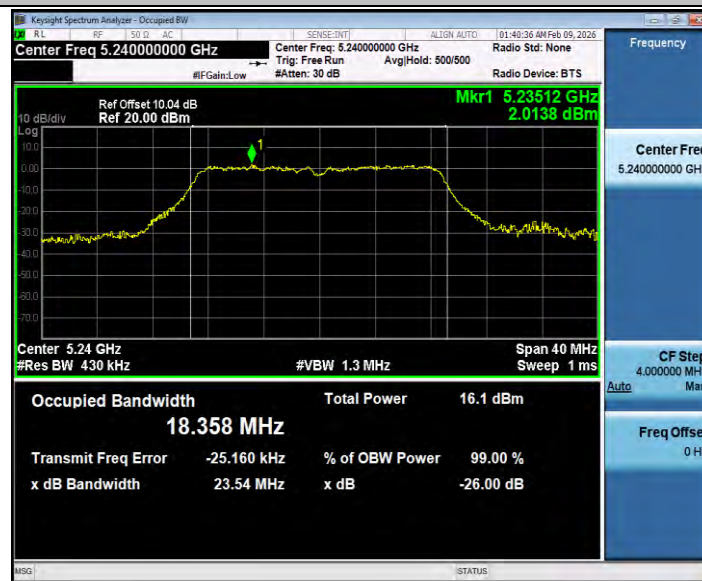
11N20SISO\_Ant2\_5180



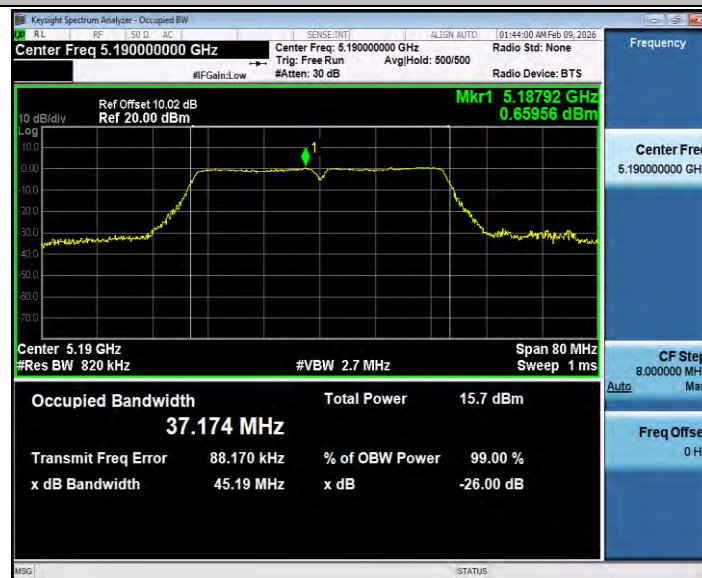
11N20SISO\_Ant2\_5200



## 11N20SISO\_Ant2\_5240



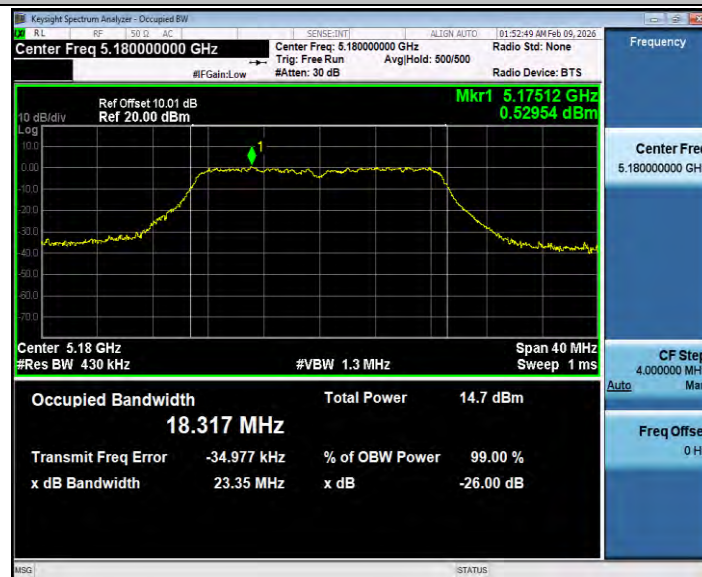
## 11N40SISO\_Ant2\_5190



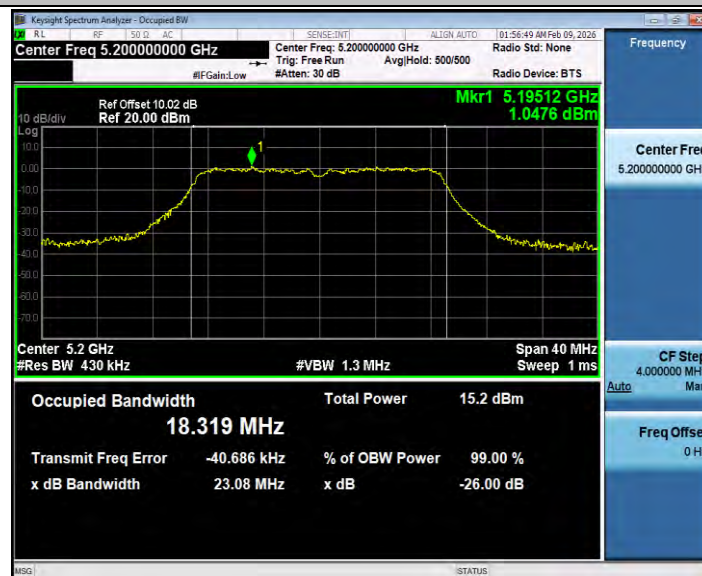
## 11N40SISO\_Ant2\_5230



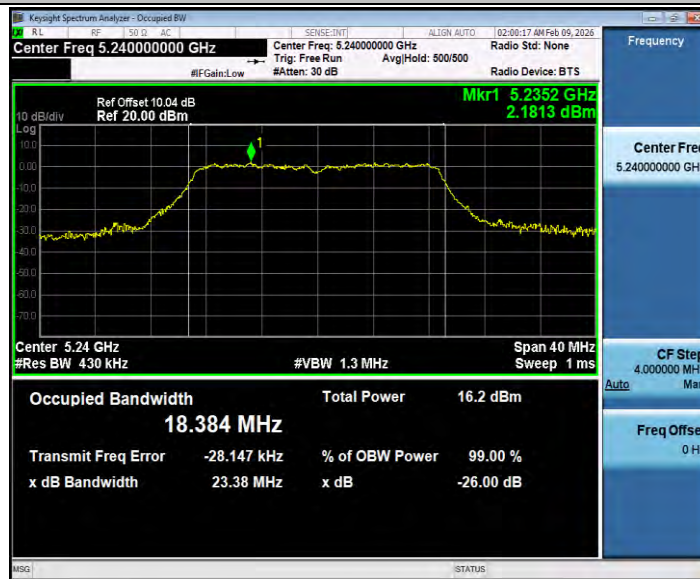
11AC20SISO\_Ant2\_5180



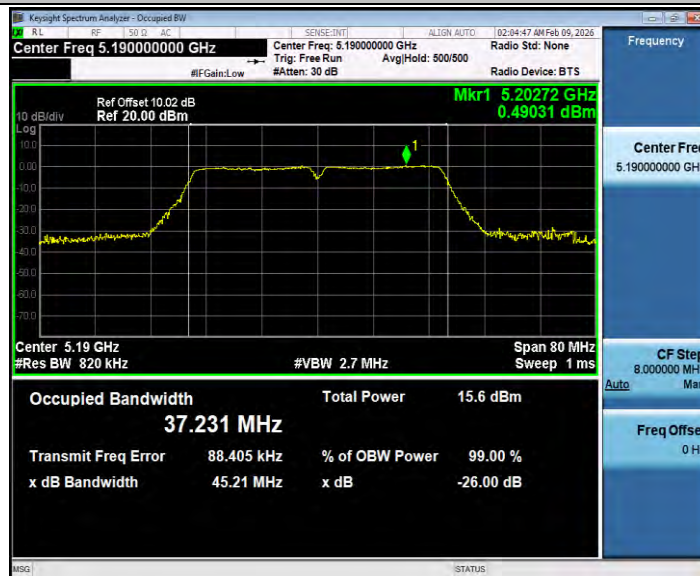
11AC20SISO\_Ant2\_5200



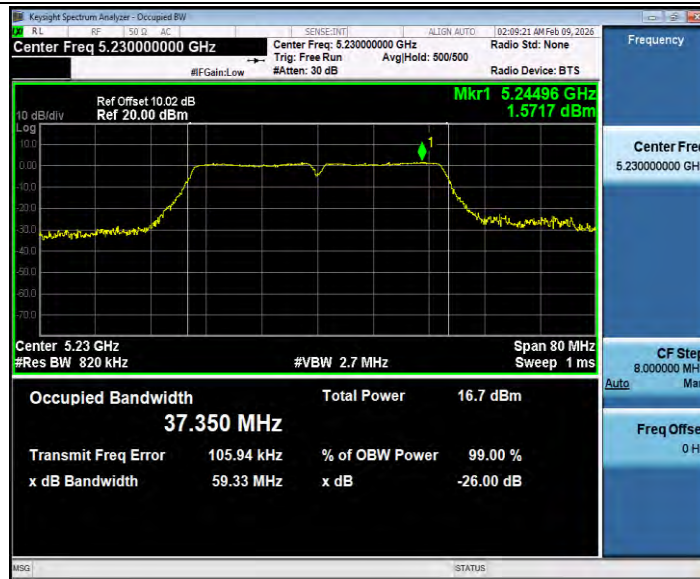
## 11AC20SISO\_Ant2\_5240



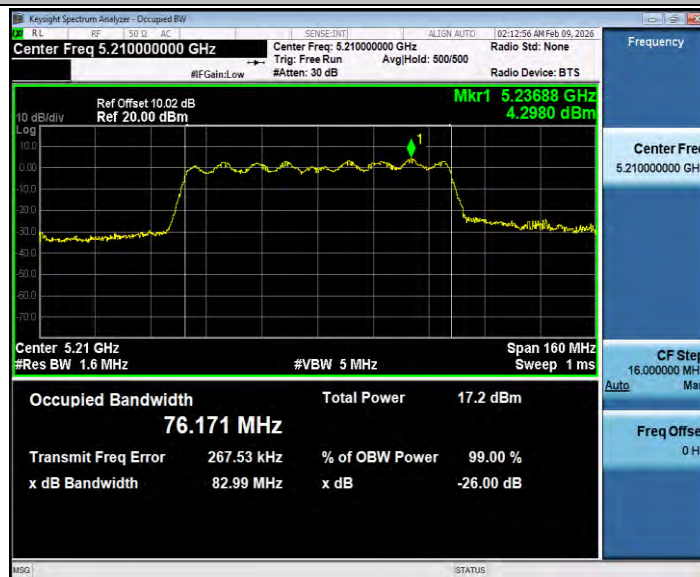
## 11AC40SISO\_Ant2\_5190



## 11AC40SISO\_Ant2\_5230



11AC80SISO\_Ant2\_5210



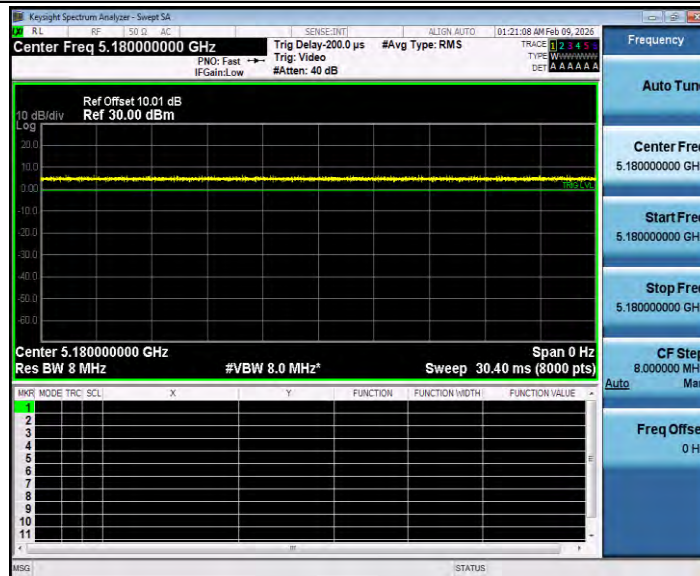
## AppendixD.3: Duty Cycle

### Test Result

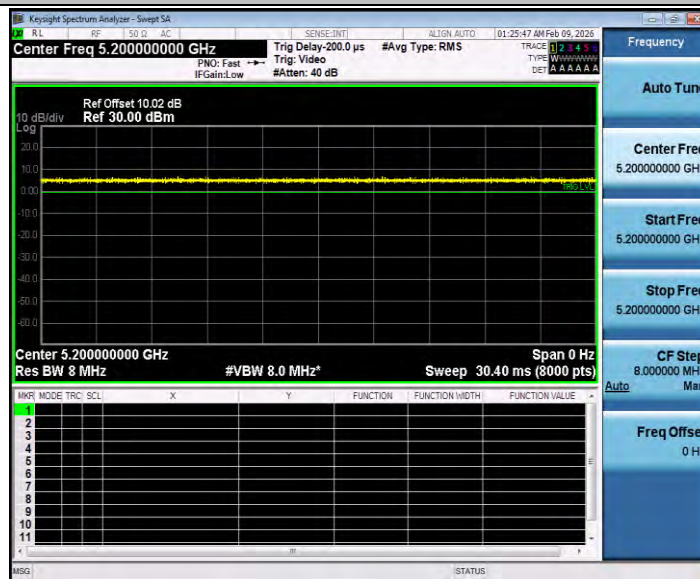
| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant2    | 5180      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5200      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5240      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11N20SISO  | Ant2    | 5180      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5200      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5240      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11N40SISO  | Ant2    | 5190      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5230      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11AC20SISO | Ant2    | 5180      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5200      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5240      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11AC40SISO | Ant2    | 5190      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5230      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11AC80SISO | Ant2    | 5210      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |

## Test Graphs

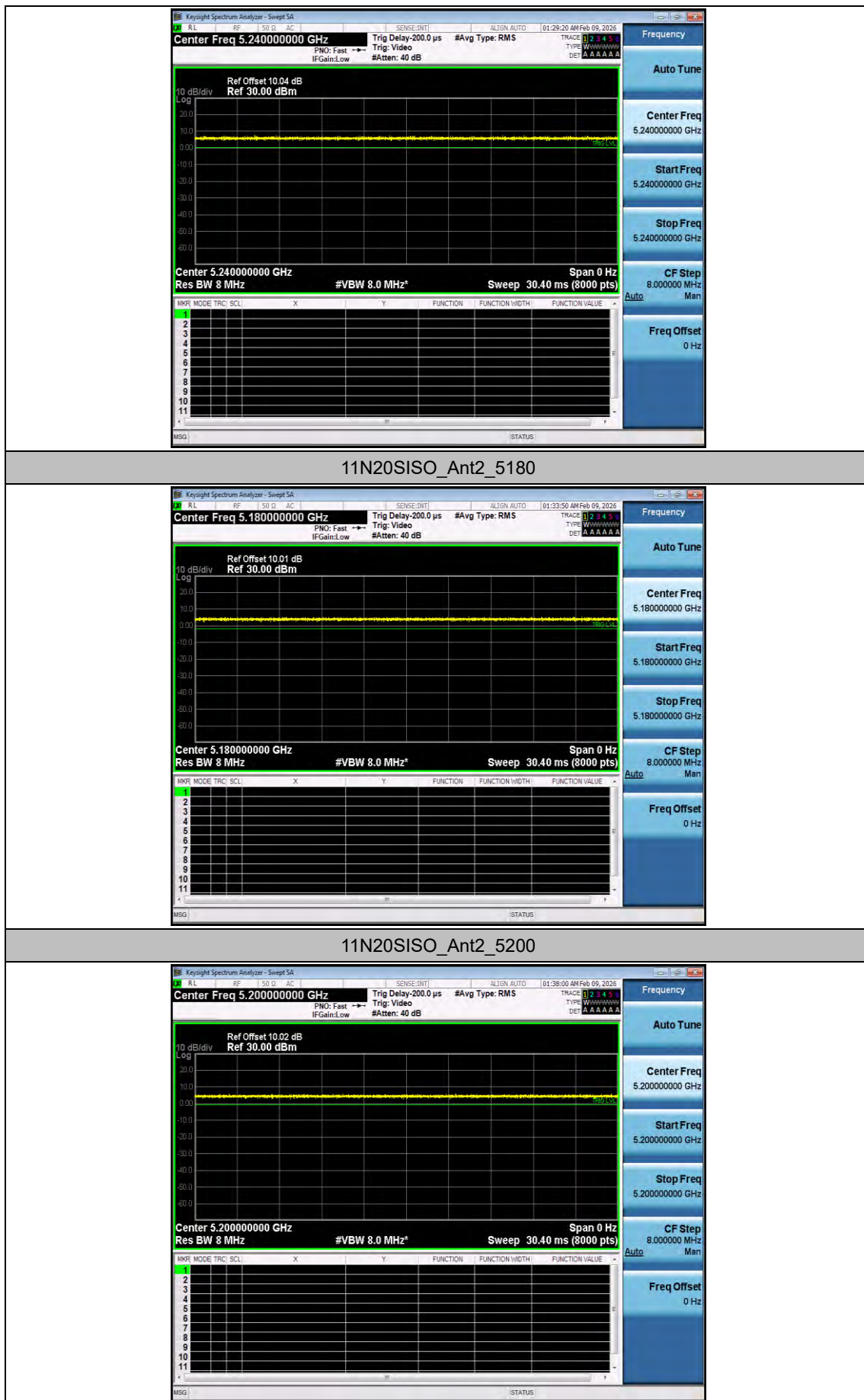
11A\_Ant2\_5180



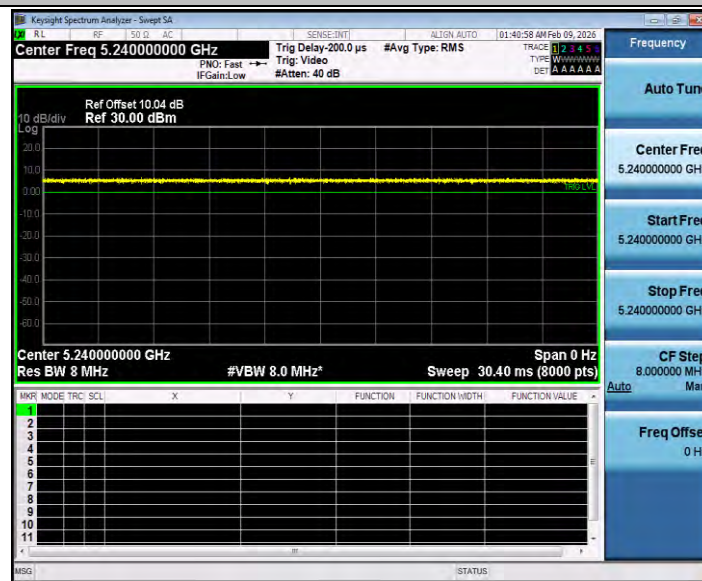
11A\_Ant2\_5200



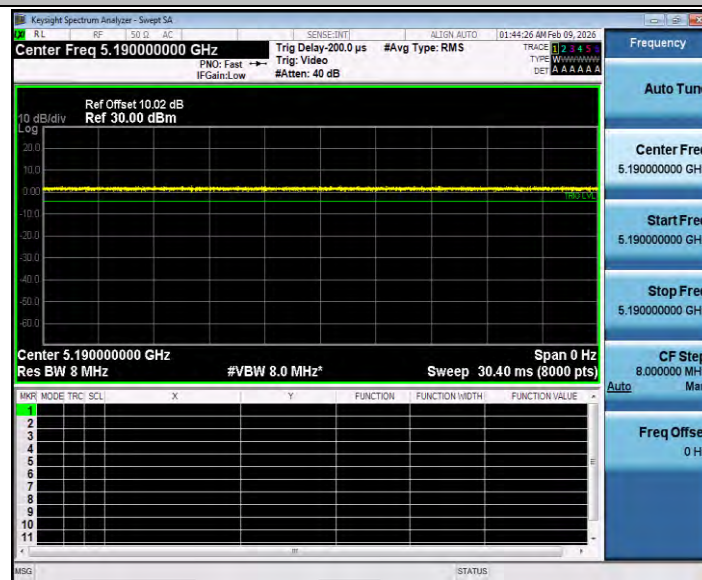
11A\_Ant2\_5240



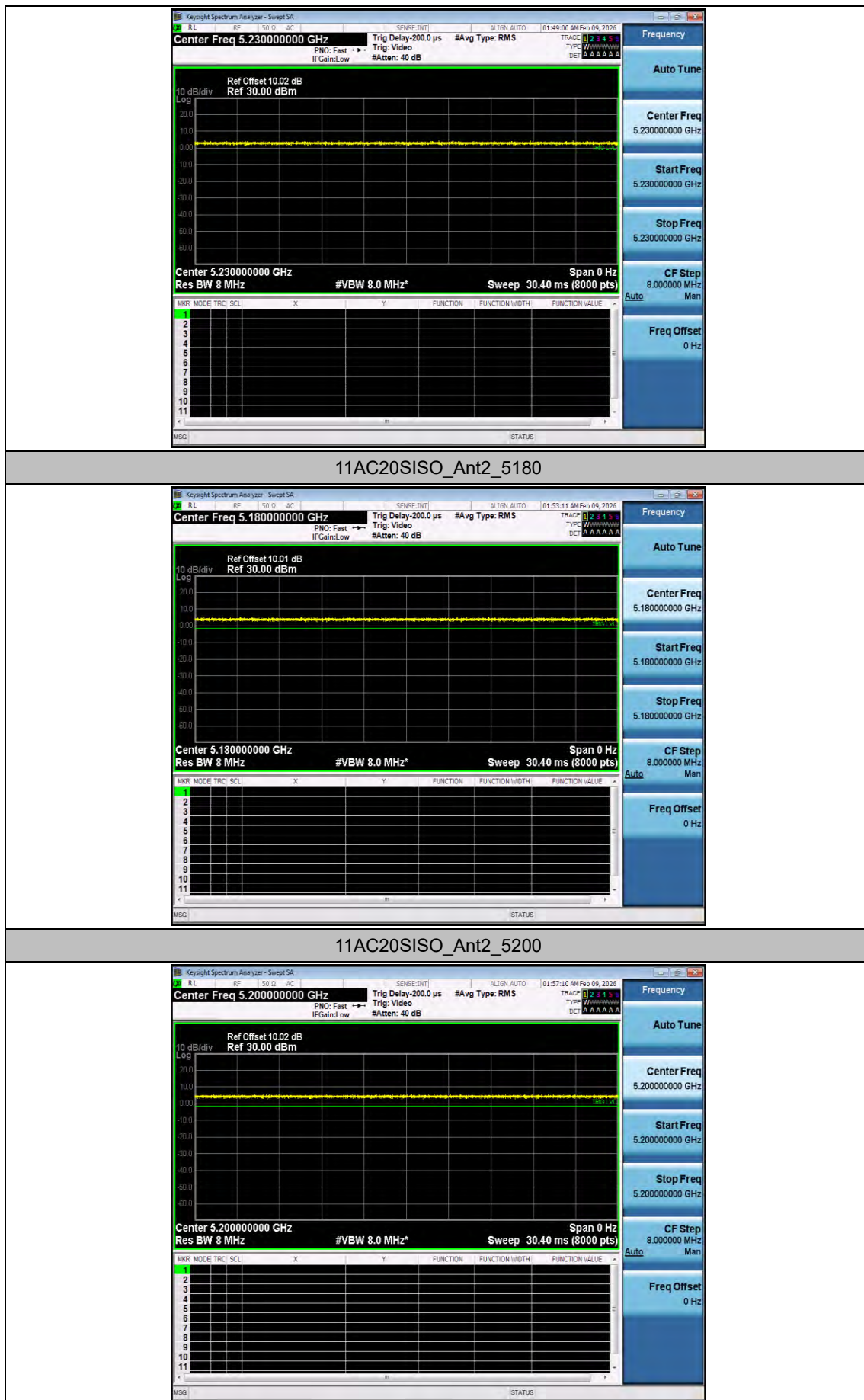
## 11N20SISO\_Ant2\_5240



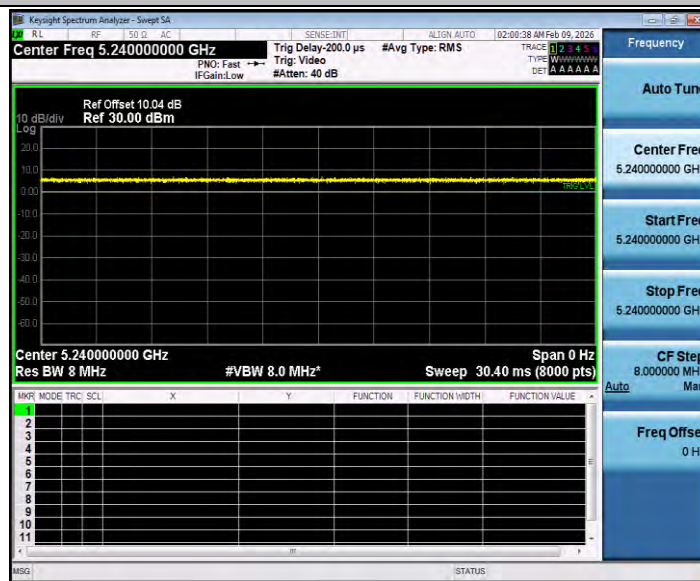
## 11N40SISO\_Ant2\_5190



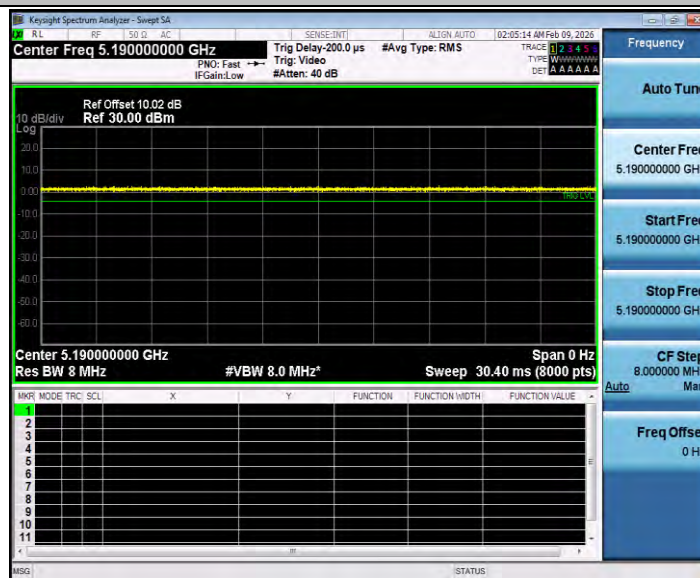
## 11N40SISO\_Ant2\_5230



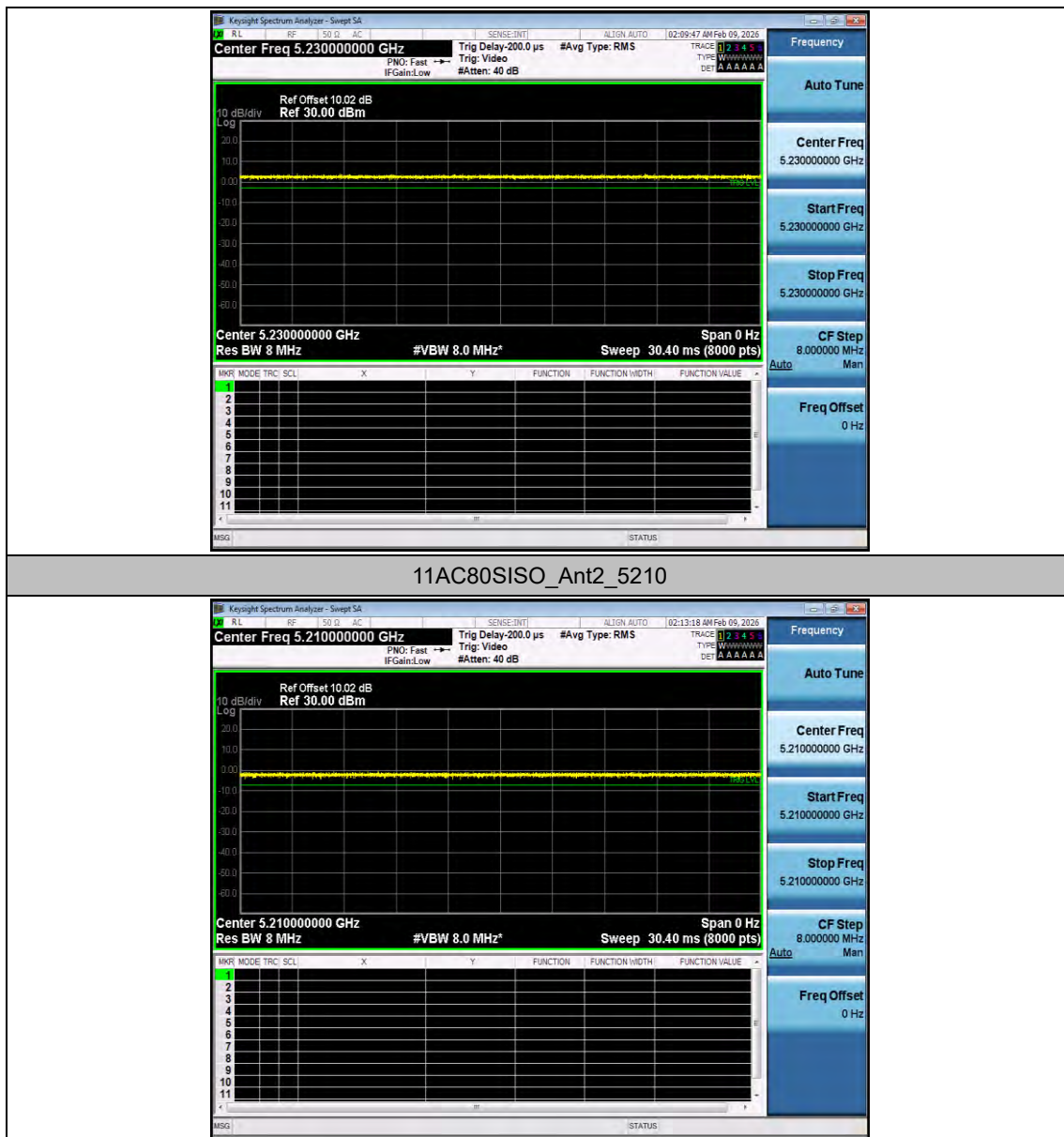
## 11AC20SISO\_Ant2\_5240



## 11AC40SISO\_Ant2\_5190



## 11AC40SISO\_Ant2\_5230



## Appendix D.4: Maximum conducted output power

### Test Result Channel Power

| Test Mode  | Antenna | Freq (MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|------------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant2    | 5180       | 8.59                | 100.00         | 0.00            | 8.59         | ≤23.98      | PASS    |
|            |         | 5200       | 8.90                | 100.00         | 0.00            | 8.90         | ≤23.98      | PASS    |
|            |         | 5240       | 9.53                | 100.00         | 0.00            | 9.53         | ≤23.98      | PASS    |
| 11N20SISO  | Ant2    | 5180       | 8.27                | 100.00         | 0.00            | 8.27         | ≤23.98      | PASS    |
|            |         | 5200       | 8.66                | 100.00         | 0.00            | 8.66         | ≤23.98      | PASS    |
|            |         | 5240       | 9.35                | 100.00         | 0.00            | 9.35         | ≤23.98      | PASS    |
| 11N40SISO  | Ant2    | 5190       | 8.48                | 100.00         | 0.00            | 8.48         | ≤23.98      | PASS    |
|            |         | 5230       | 9.74                | 100.00         | 0.00            | 9.74         | ≤23.98      | PASS    |
| 11AC20SISO | Ant2    | 5180       | 8.03                | 100.00         | 0.00            | 8.03         | ≤23.98      | PASS    |
|            |         | 5200       | 8.49                | 100.00         | 0.00            | 8.49         | ≤23.98      | PASS    |
|            |         | 5240       | 9.59                | 100.00         | 0.00            | 9.59         | ≤23.98      | PASS    |
| 11AC40SISO | Ant2    | 5190       | 8.29                | 100.00         | 0.00            | 8.29         | ≤23.98      | PASS    |
|            |         | 5230       | 9.45                | 100.00         | 0.00            | 9.45         | ≤23.98      | PASS    |
| 11AC80SISO | Ant2    | 5210       | 8.30                | 100.00         | 0.00            | 8.30         | ≤23.98      | PASS    |

## Appendix D.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant2    | 5180      | -3.05            | ≤11.00         | PASS    |
|            |         | 5200      | -2.68            | ≤11.00         | PASS    |
|            |         | 5240      | -1.91            | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5180      | -3.56            | ≤11.00         | PASS    |
|            |         | 5200      | -3.26            | ≤11.00         | PASS    |
|            |         | 5240      | -2.43            | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5190      | -6.03            | ≤11.00         | PASS    |
|            |         | 5230      | -4.74            | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5180      | -3.85            | ≤11.00         | PASS    |
|            |         | 5200      | -3.43            | ≤11.00         | PASS    |
|            |         | 5240      | -2.13            | ≤11.00         | PASS    |
| 11AC40SISO | Ant2    | 5190      | -6.21            | ≤11.00         | PASS    |
|            |         | 5230      | -5.05            | ≤11.00         | PASS    |
| 11AC80SISO | Ant2    | 5210      | -7.89            | ≤11.00         | PASS    |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

## Test Graphs

11A\_Ant2\_5180



11A\_Ant2\_5200



11A\_Ant2\_5240



11N20SISO\_Ant2\_5180



11N20SISO\_Ant2\_5200



## 11N20SISO\_Ant2\_5240



## 11N40SISO\_Ant2\_5190



## 11N40SISO\_Ant2\_5230



11AC20SISO\_Ant2\_5180



11AC20SISO\_Ant2\_5200



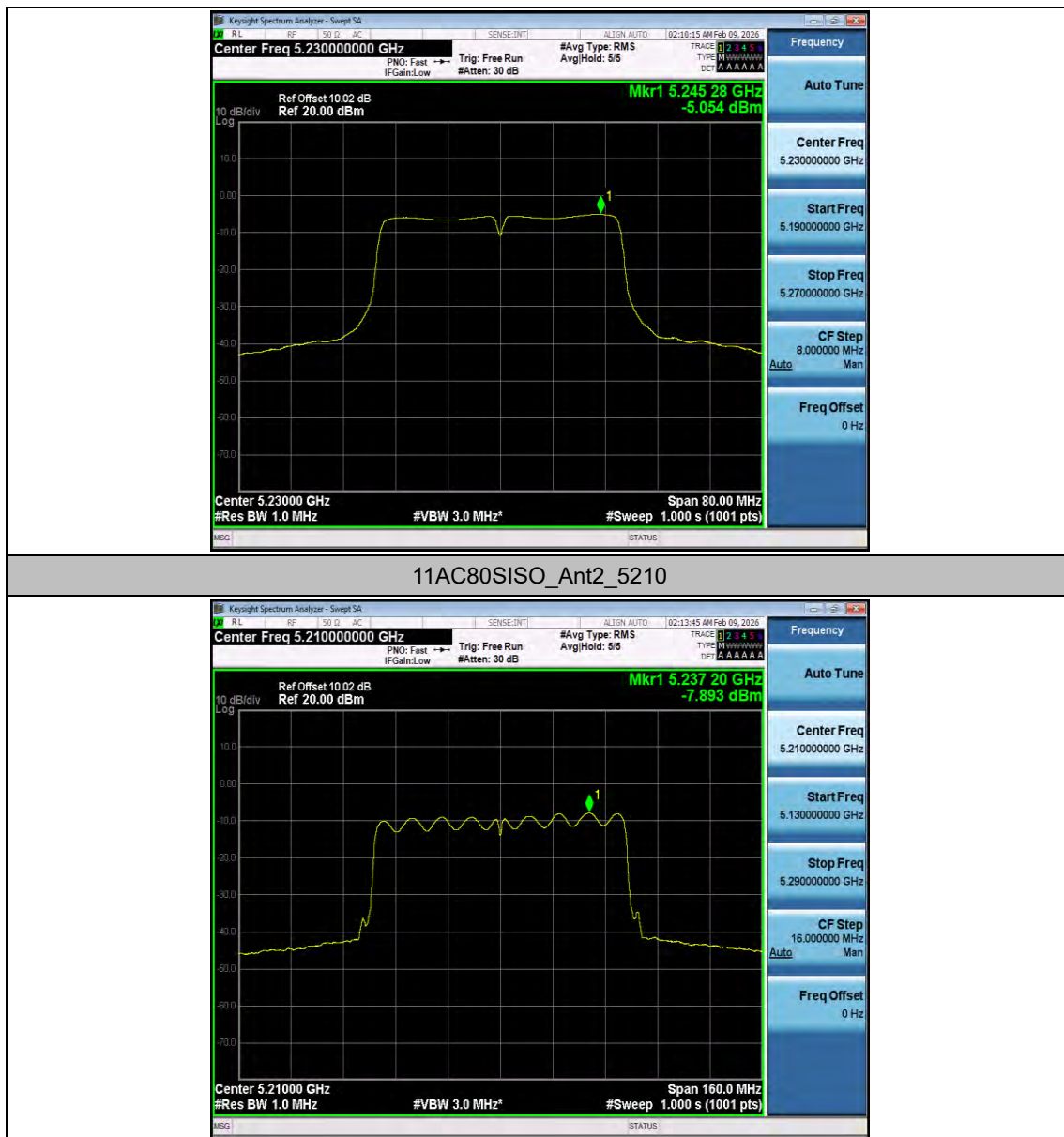
## 11AC20SISO\_Ant2\_5240



## 11AC40SISO\_Ant2\_5190



## 11AC40SISO\_Ant2\_5230

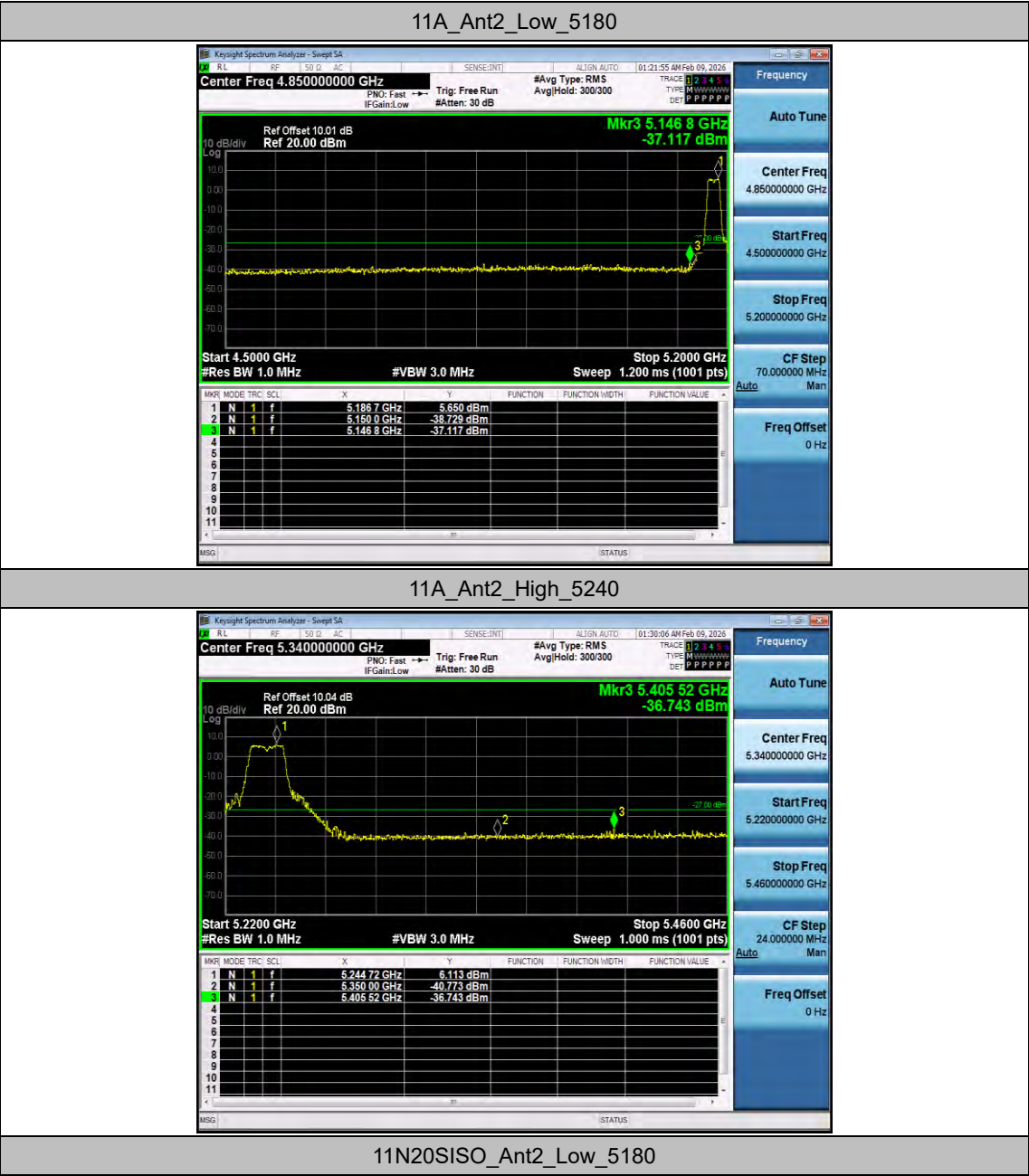


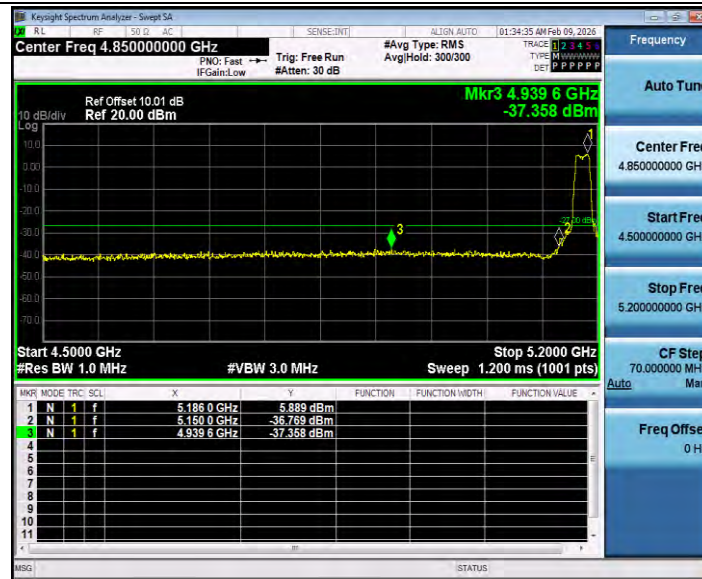
## Appendix D.6:Band edge measurements

### Test Result B1

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant2    | Low    | 5180      | -37.12      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -36.74      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant2    | Low    | 5180      | -37.36      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.85      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant2    | Low    | 5190      | -33.19      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.55      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant2    | Low    | 5180      | -35.14      | $\leq -27$ | PASS    |
|            |         | High   | 5240      | -37.56      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant2    | Low    | 5190      | -33.14      | $\leq -27$ | PASS    |
|            |         | High   | 5230      | -37.52      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant2    | Low    | 5210      | -33.47      | $\leq -27$ | PASS    |
|            |         | High   | 5210      | -37.45      | $\leq -27$ | PASS    |

Test GraphsB1

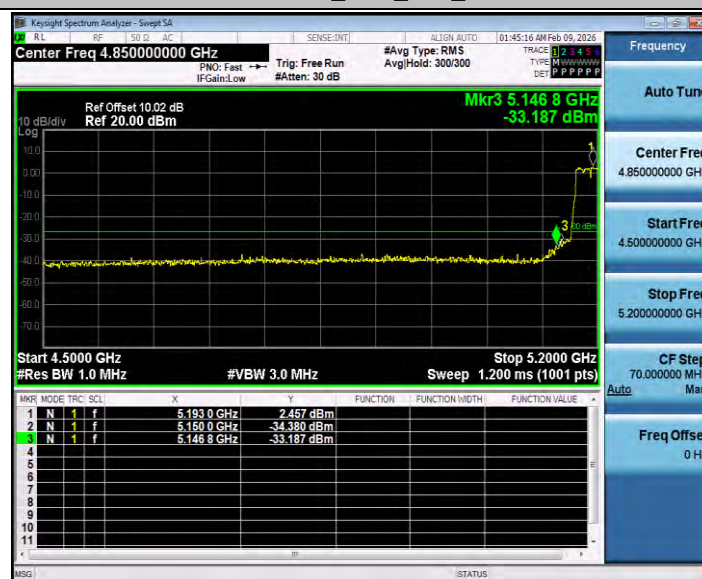




11N20SISO\_Ant2\_High\_5240



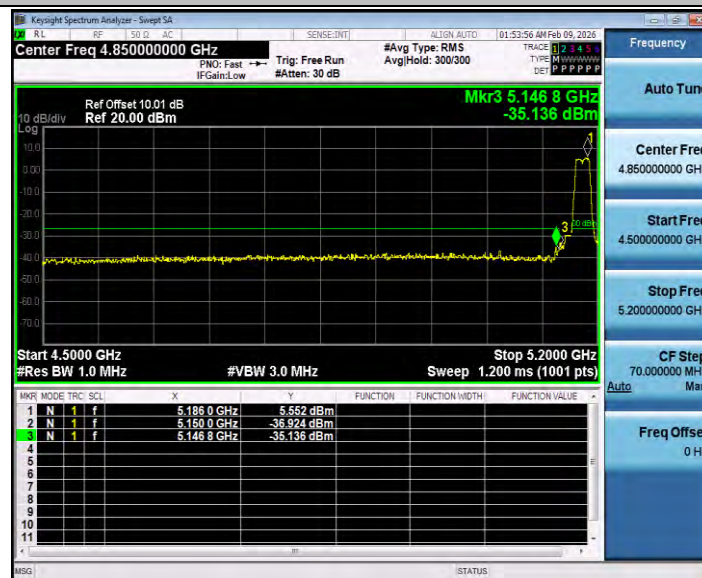
11N40SISO\_Ant2\_Low\_5190



## 11N40SISO\_Ant2\_High\_5230



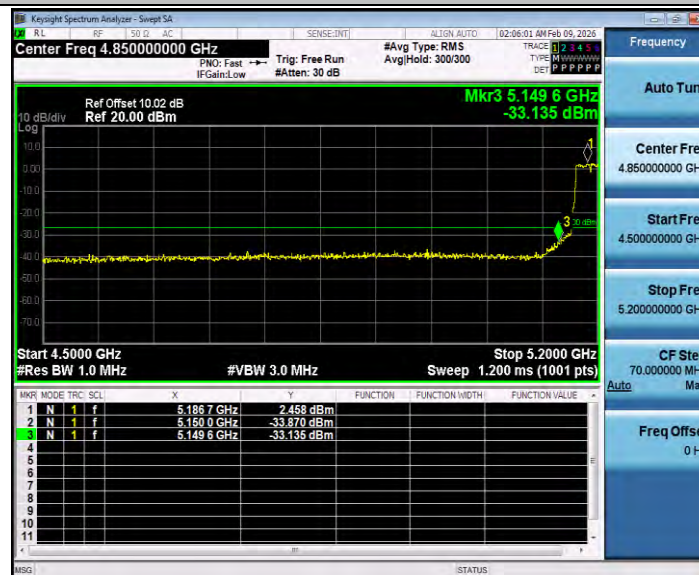
## 11AC20SISO\_Ant2\_Low\_5180



## 11AC20SISO\_Ant2\_High\_5240



11AC40SISO\_Ant2\_Low\_5190



11AC40SISO\_Ant2\_High\_5230



## 11AC80SISO\_Ant2\_Low\_5210



## 11AC80SISO\_Ant2\_High\_5210



## Appendix D.7:Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant2    | 5180      | 30~5140         | 2665.91        | -46.23           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24258.21       | -37.18           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 4983.29        | -46.2            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24121.16       | -36.3            | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 2597.09        | -45.77           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24284.9        | -37.33           | ≤-27        | PASS    |
| 11N20SISO  | Ant2    | 5180      | 30~5140         | 3145.91        | -44.92           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26541.95       | -37.05           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 4950.59        | -45.97           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26682.61       | -37.3            | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 5033.54        | -46.18           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24304.38       | -37.14           | ≤-27        | PASS    |
| 11N40SISO  | Ant2    | 5190      | 30~5140         | 5139.15        | -38.81           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26753.3        | -37.09           | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 2553.66        | -46.02           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26716.52       | -37.39           | ≤-27        | PASS    |
| 11AC20SISO | Ant2    | 5180      | 30~5140         | 5035.76        | -45.63           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26558.54       | -36.76           | ≤-27        | PASS    |
|            |         | 5200      | 30~5140         | 3171.12        | -45.98           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25962.72       | -37.44           | ≤-27        | PASS    |
|            |         | 5240      | 30~5140         | 4974.78        | -46.27           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24326.74       | -37.08           | ≤-27        | PASS    |
| 11AC40SISO | Ant2    | 5190      | 30~5140         | 5135.06        | -39.67           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24956.46       | -36.8            | ≤-27        | PASS    |
|            |         | 5230      | 30~5140         | 2695.72        | -46.11           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24296.44       | -37.7            | ≤-27        | PASS    |
| 11AC80SISO | Ant2    | 5210      | 30~5140         | 5130.8         | -33.84           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24262.54       | -37              | ≤-27        | PASS    |

## Test Graphs

11A\_Ant2\_5180\_30~5140



11A\_Ant2\_5180\_5360~27000



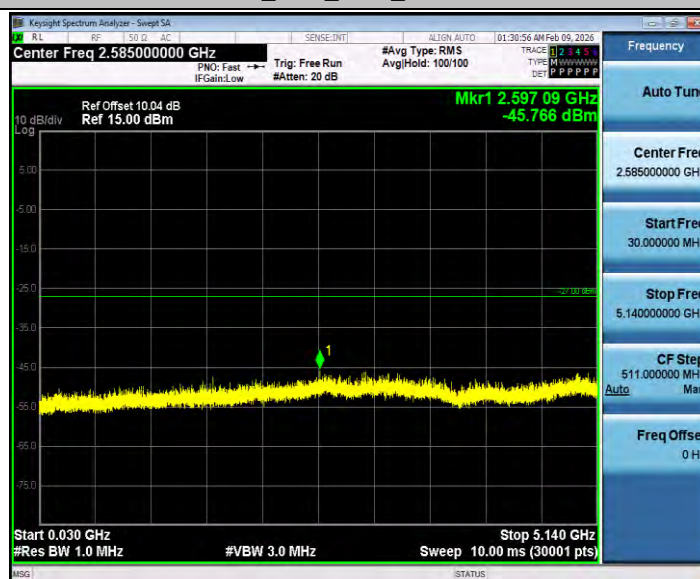
11A\_Ant2\_5200\_30~5140



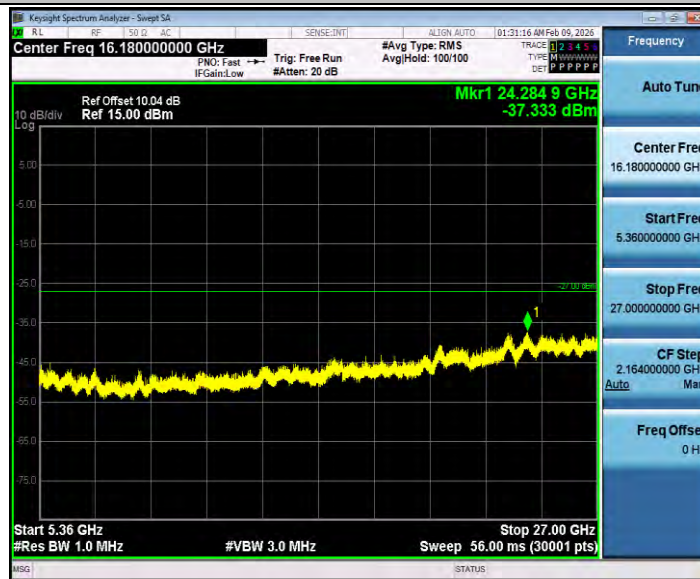
11A\_Ant2\_5200\_5360~27000



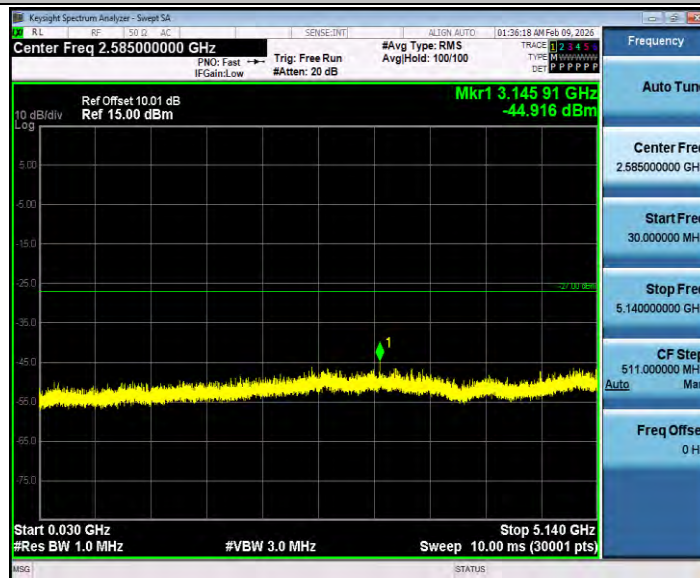
11A\_Ant2\_5240\_30~5140



## 11A\_Ant2\_5240\_5360~27000



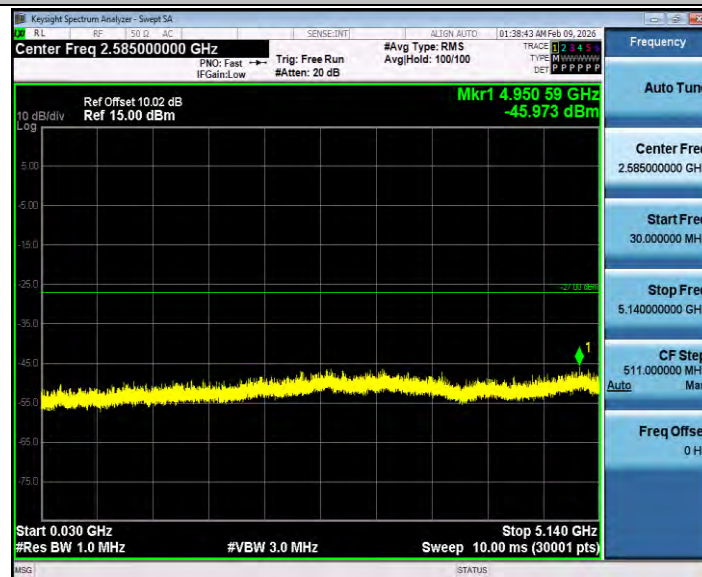
## 11N20SISO\_Ant2\_5180\_30~5140



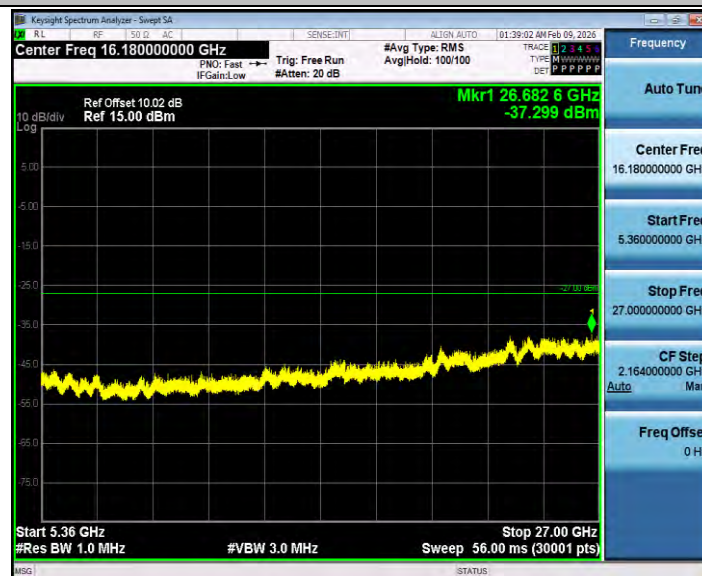
## 11N20SISO\_Ant2\_5180\_5360~27000



11N20SISO\_Ant2\_5200\_30~5140



11N20SISO\_Ant2\_5200\_5360~27000



## 11N20SISO\_Ant2\_5240\_30~5140



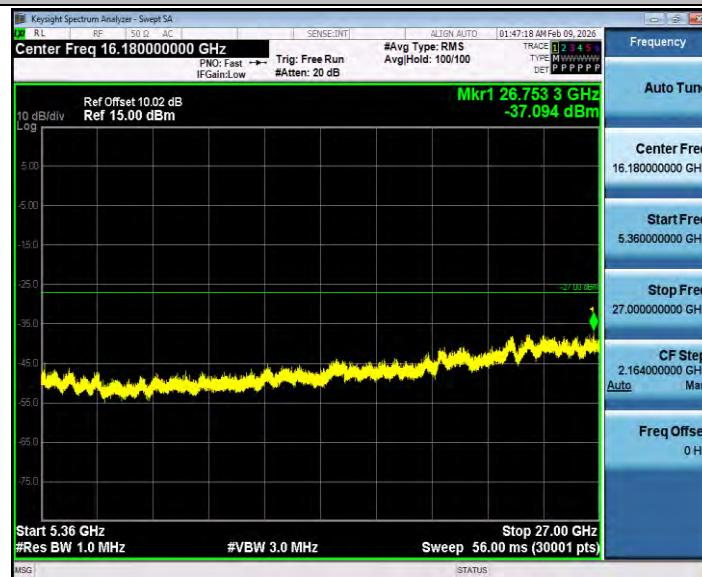
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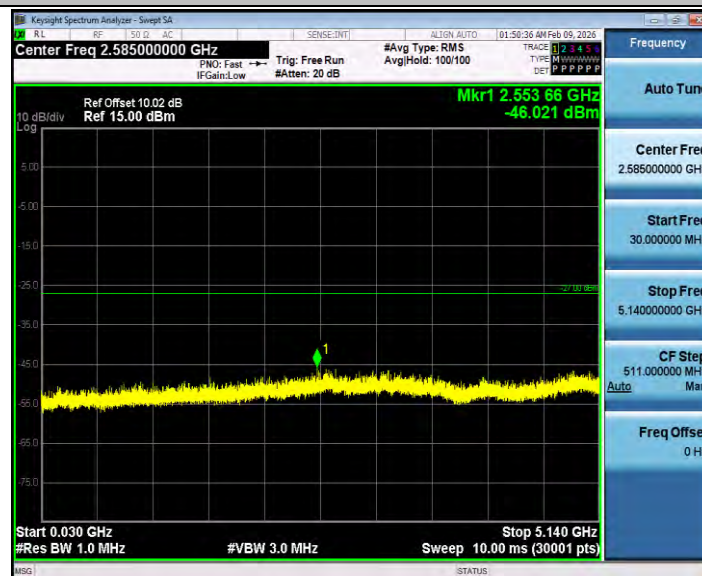
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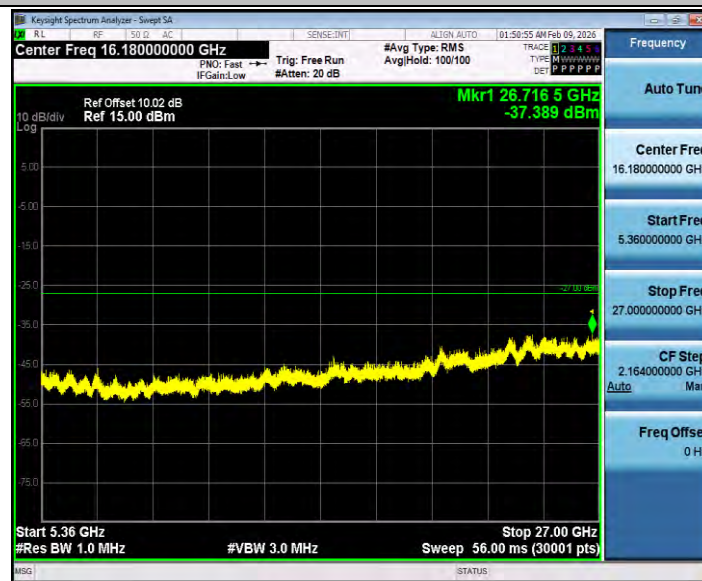
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11N40SISO\_Ant2\_5230\_30~5140



## 11N40SISO\_Ant2\_5230\_5360~27000



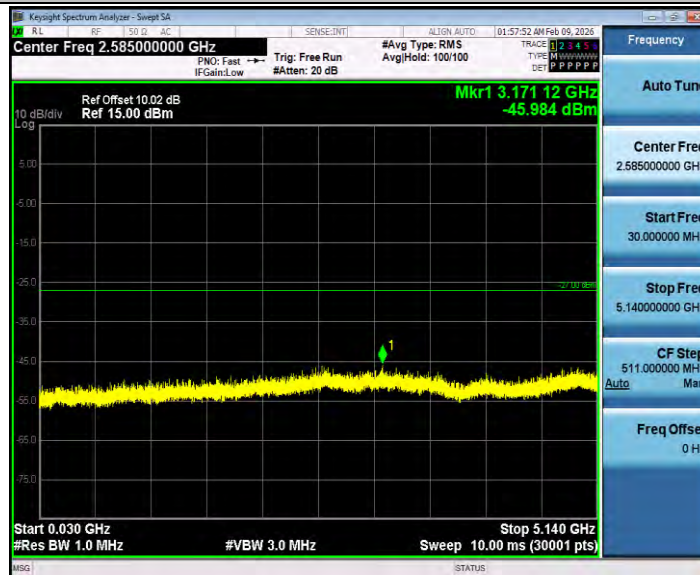
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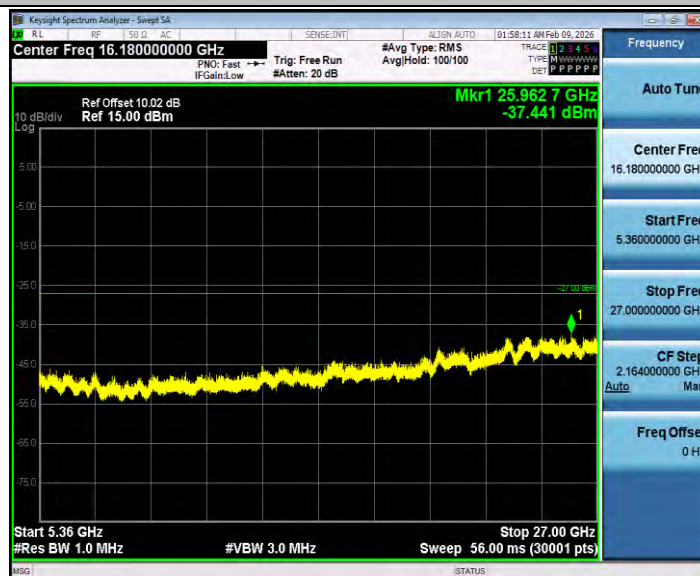
## 11AC20SISO\_Ant2\_5180\_5360~27000



11AC20SISO\_Ant2\_5200\_30~5140



11AC20SISO\_Ant2\_5200\_5360~27000



## 11AC20SISO\_Ant2\_5240\_30~5140



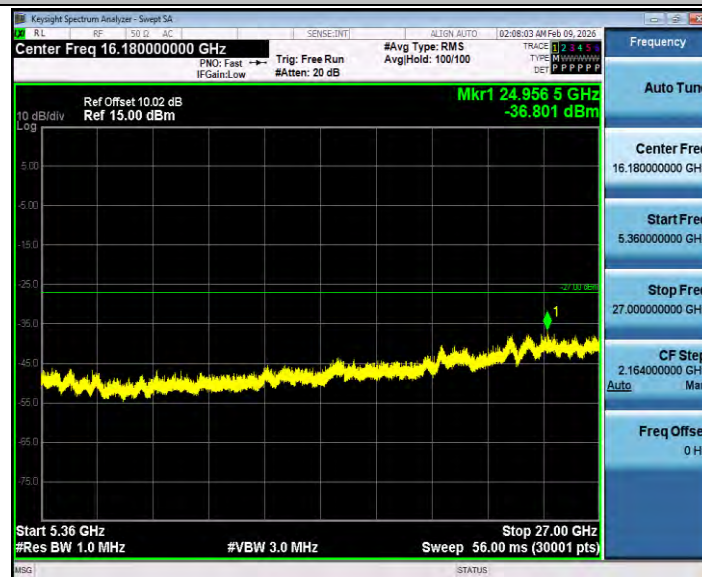
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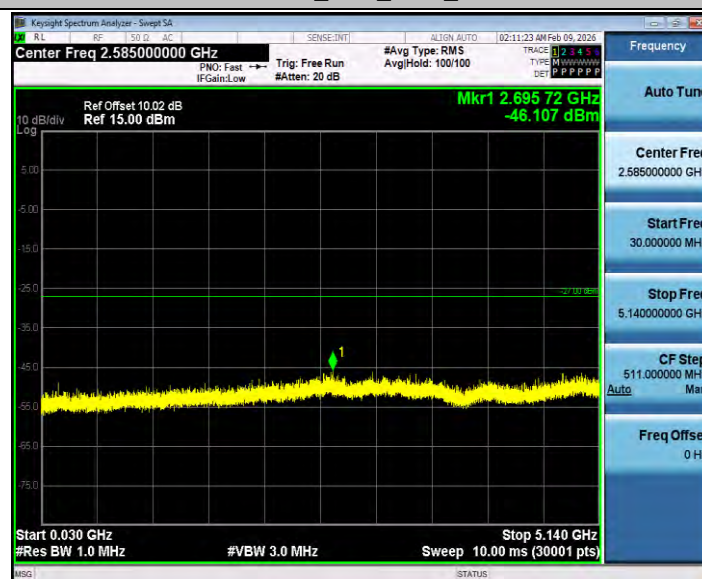
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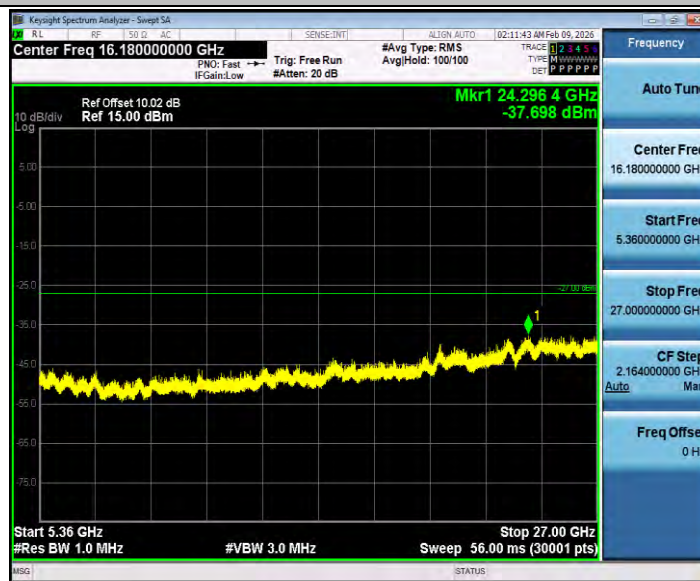
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11AC40SISO\_Ant2\_5230\_30~5140



## 11AC40SISO\_Ant2\_5230\_5360~27000



## 11AC80SISO\_Ant2\_5210\_30~5140



## 11AC80SISO\_Ant2\_5210\_5360~27000

