

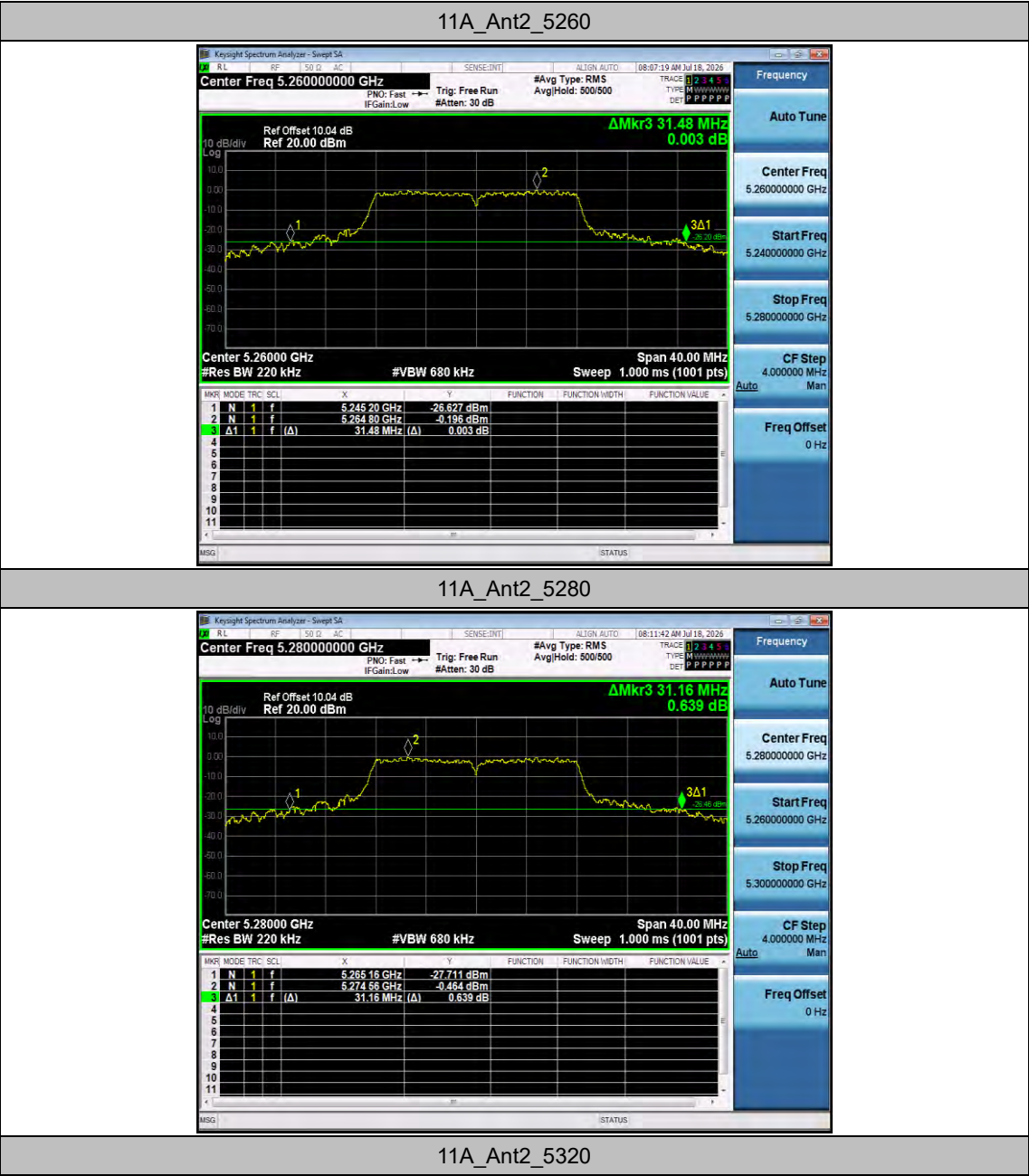
|                                                                                       |
|---------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20260617003-1-04</u>                                          |
| <b>Ambient Condition:</b> <u>23</u> °C, <u>56</u> %RH                                 |
| <b>According Standard:</b> <u>■Part15E</u>                                            |
| <b>Test Date:</b> <u>2026.6.22-2026.7.20</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

## AppendixE.1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant2    | 5260      | 31.480            | 5245.200 | 5276.680 | ---        | ---     |
|            |         | 5280      | 31.160            | 5265.160 | 5296.320 | ---        | ---     |
|            |         | 5320      | 26.600            | 5307.120 | 5333.720 | ---        | ---     |
| 11N20SISO  | Ant2    | 5260      | 31.120            | 5245.840 | 5276.960 | ---        | ---     |
|            |         | 5280      | 22.320            | 5268.960 | 5291.280 | ---        | ---     |
|            |         | 5320      | 26.320            | 5309.000 | 5335.320 | ---        | ---     |
| 11N40SISO  | Ant2    | 5270      | 42.960            | 5249.040 | 5292.000 | ---        | ---     |
|            |         | 5310      | 41.840            | 5289.040 | 5330.880 | ---        | ---     |
| 11AC20SISO | Ant2    | 5260      | 30.080            | 5247.400 | 5277.480 | ---        | ---     |
|            |         | 5280      | 30.440            | 5265.800 | 5296.240 | ---        | ---     |
|            |         | 5320      | 24.840            | 5308.880 | 5333.720 | ---        | ---     |
| 11AC40SISO | Ant2    | 5270      | 42.000            | 5248.960 | 5290.960 | ---        | ---     |
|            |         | 5310      | 42.160            | 5288.880 | 5331.040 | ---        | ---     |
| 11AC80SISO | Ant2    | 5290      | 86.720            | 5248.720 | 5335.440 | ---        | ---     |

Test Graphs





11N20SISO\_Ant2\_5260



11N20SISO\_Ant2\_5280



## 11N20SISO\_Ant2\_5320



## 11N40SISO\_Ant2\_5270



## 11N40SISO\_Ant2\_5310



11AC20SISO\_Ant2\_5260



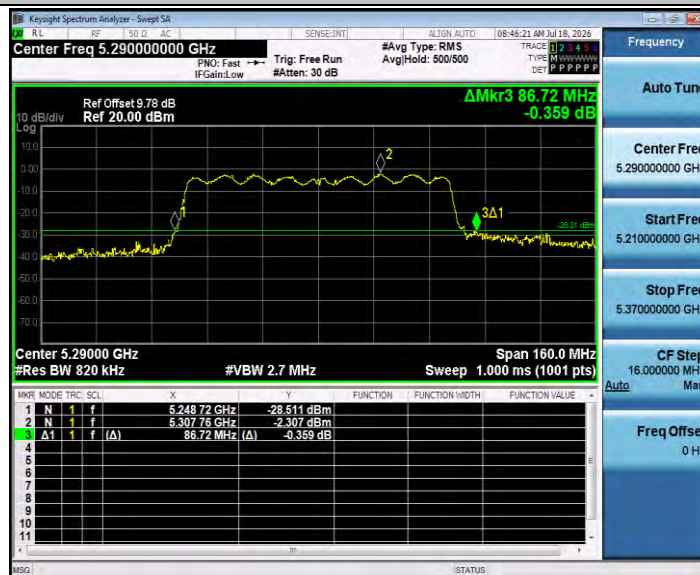
11AC20SISO\_Ant2\_5280







11AC80SISO\_Ant2\_5290



## AppendixE.2: Occupied channel bandwidth

### Test Result

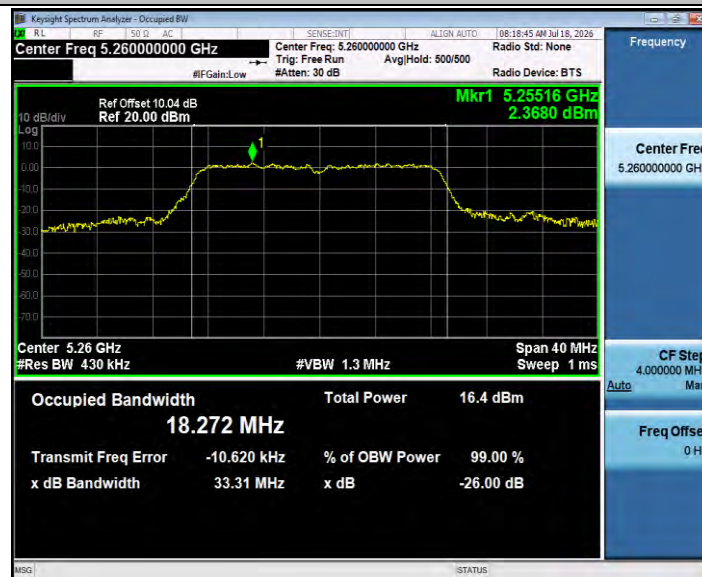
| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant2    | 5260      | 17.754    | 5251.0712 | 5268.8252 | ---        | ---     |
|            |         | 5280      | 17.810    | 5270.9662 | 5288.7762 | ---        | ---     |
|            |         | 5320      | 17.347    | 5311.2167 | 5328.5637 | ---        | ---     |
| 11N20SISO  | Ant2    | 5260      | 18.272    | 5250.8534 | 5269.1254 | ---        | ---     |
|            |         | 5280      | 18.026    | 5270.9212 | 5288.9472 | ---        | ---     |
|            |         | 5320      | 18.131    | 5310.8926 | 5329.0236 | ---        | ---     |
| 11N40SISO  | Ant2    | 5270      | 36.689    | 5251.6682 | 5288.3572 | ---        | ---     |
|            |         | 5310      | 36.641    | 5291.7348 | 5328.3758 | ---        | ---     |
| 11AC20SISO | Ant2    | 5260      | 18.273    | 5250.8782 | 5269.1512 | ---        | ---     |
|            |         | 5280      | 18.346    | 5270.8121 | 5289.1581 | ---        | ---     |
|            |         | 5320      | 18.150    | 5310.8990 | 5329.0490 | ---        | ---     |
| 11AC40SISO | Ant2    | 5270      | 36.686    | 5251.6685 | 5288.3545 | ---        | ---     |
|            |         | 5310      | 36.648    | 5291.7231 | 5328.3711 | ---        | ---     |
| 11AC80SISO | Ant2    | 5290      | 75.824    | 5252.1936 | 5328.0176 | ---        | ---     |

## Test Graphs

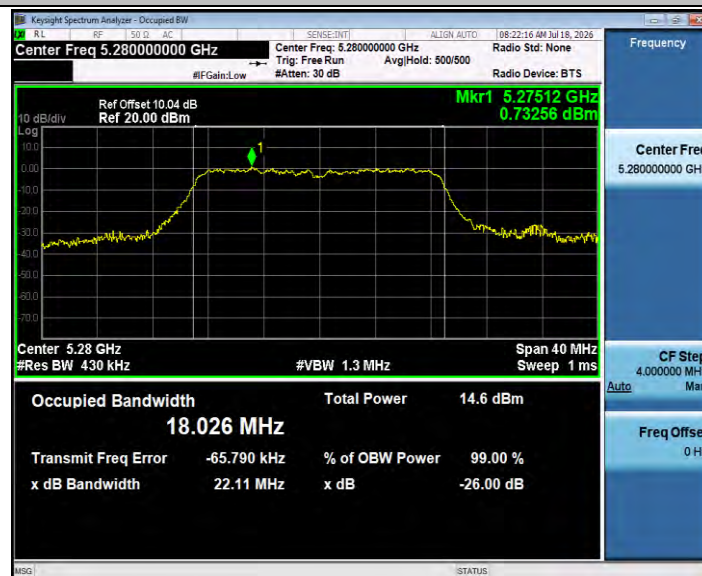




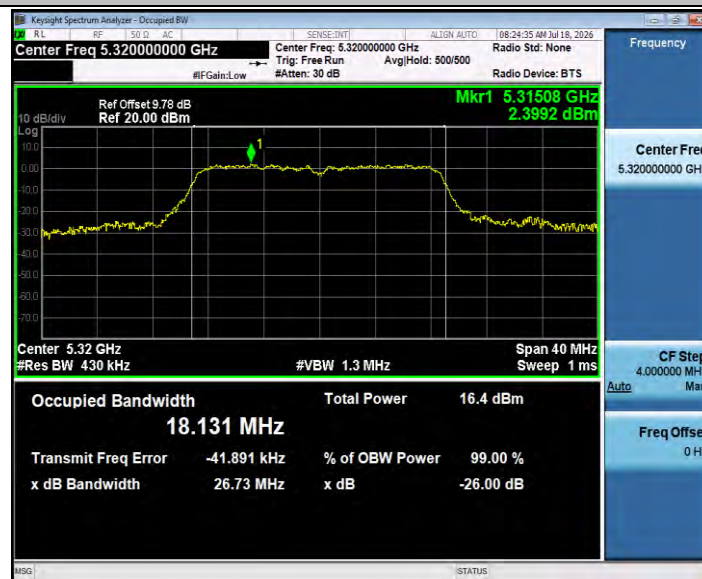
11N20SISO\_Ant2\_5260



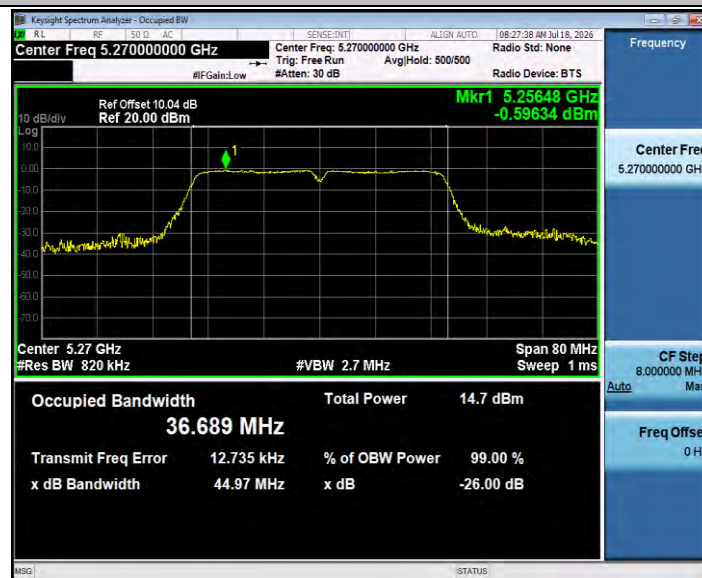
11N20SISO\_Ant2\_5280



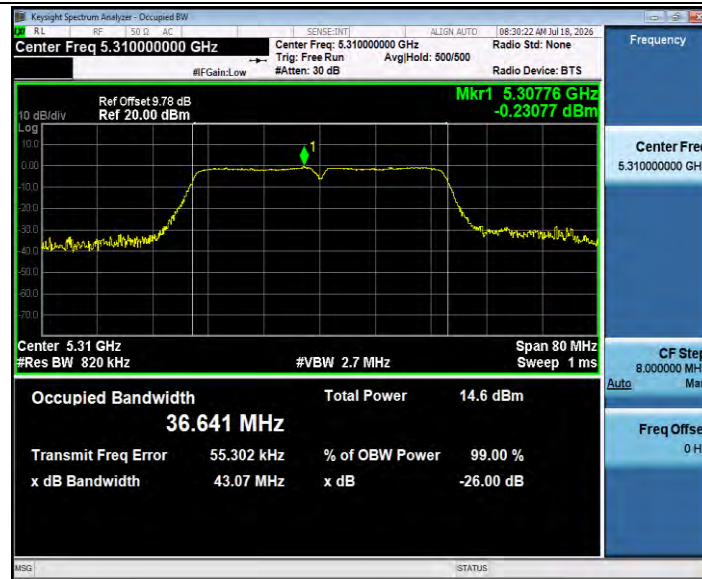
## 11N20SISO\_Ant2\_5320



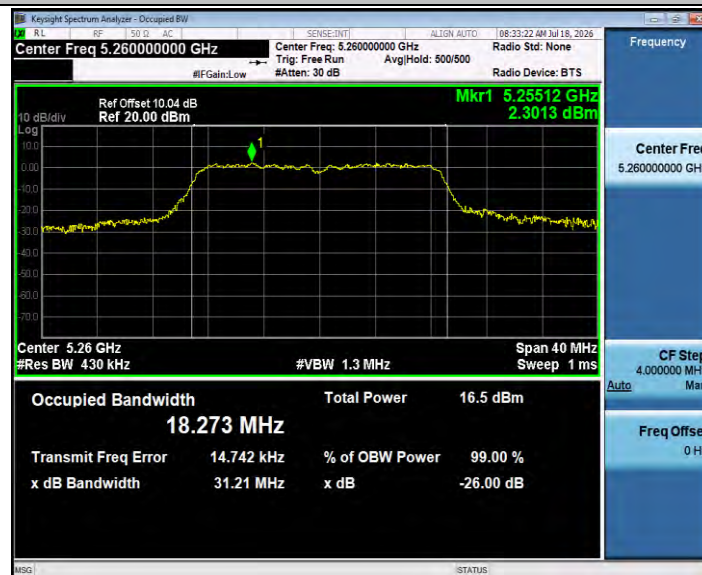
## 11N40SISO\_Ant2\_5270



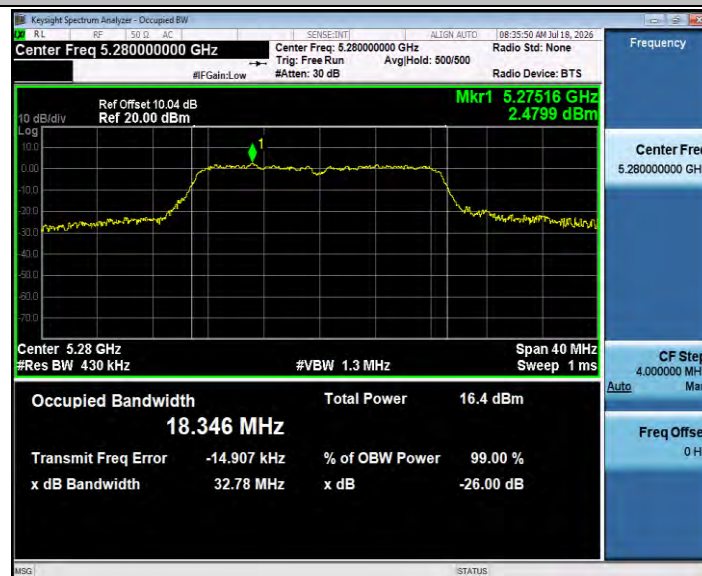
## 11N40SISO\_Ant2\_5310



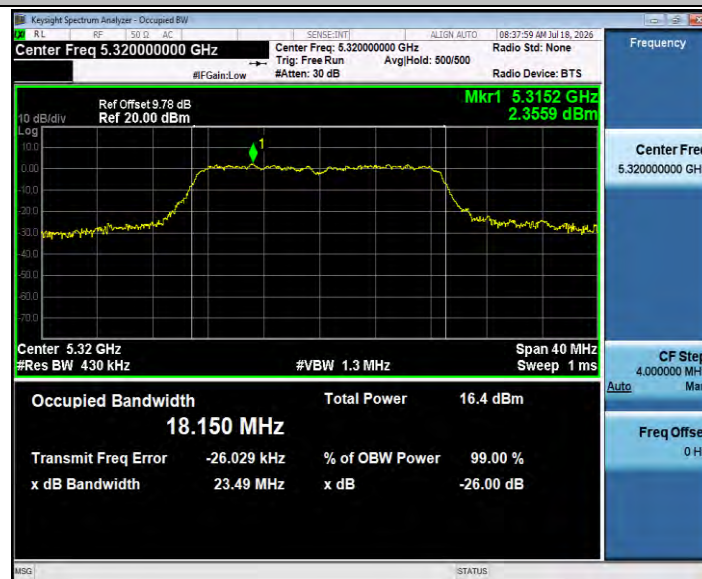
11AC20SISO\_Ant2\_5260



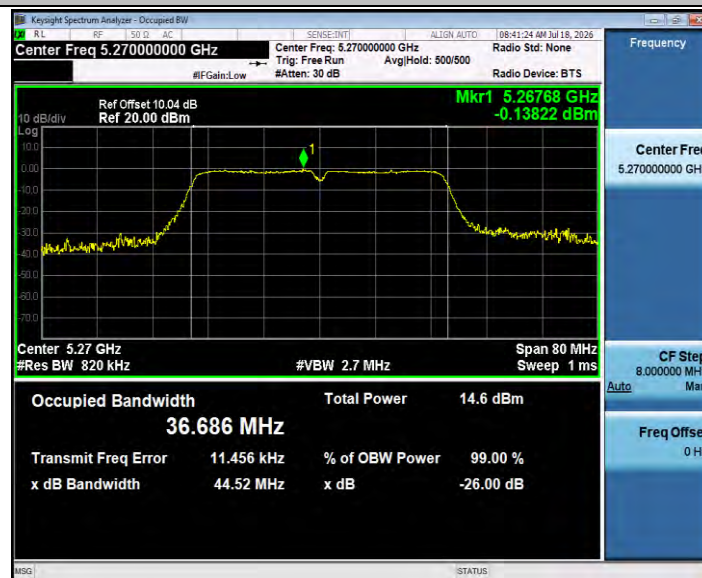
11AC20SISO\_Ant2\_5280



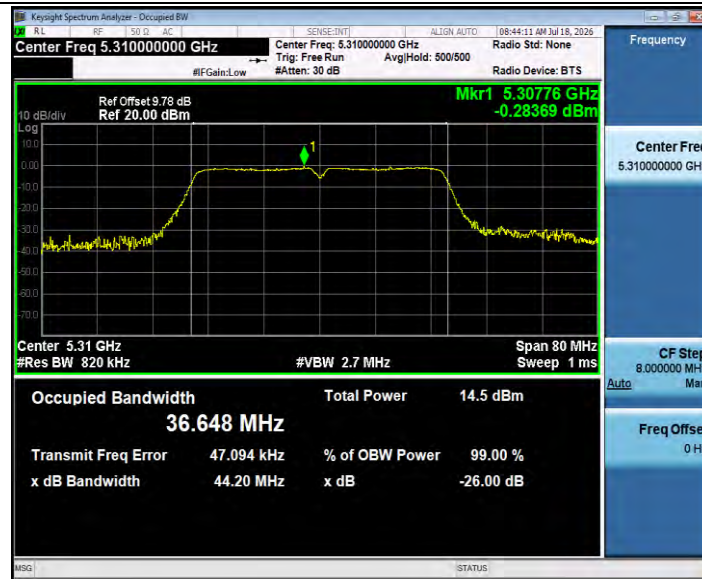
## 11AC20SISO\_Ant2\_5320



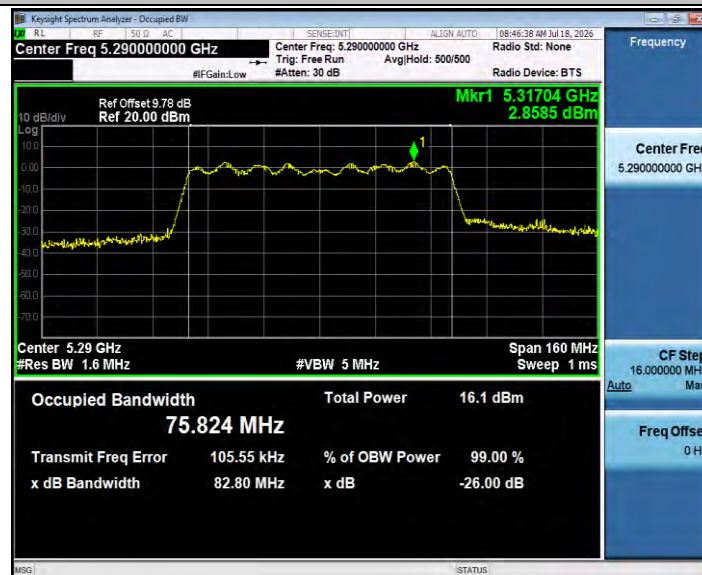
## 11AC40SISO\_Ant2\_5270



## 11AC40SISO\_Ant2\_5310



11AC80SISO\_Ant2\_5290

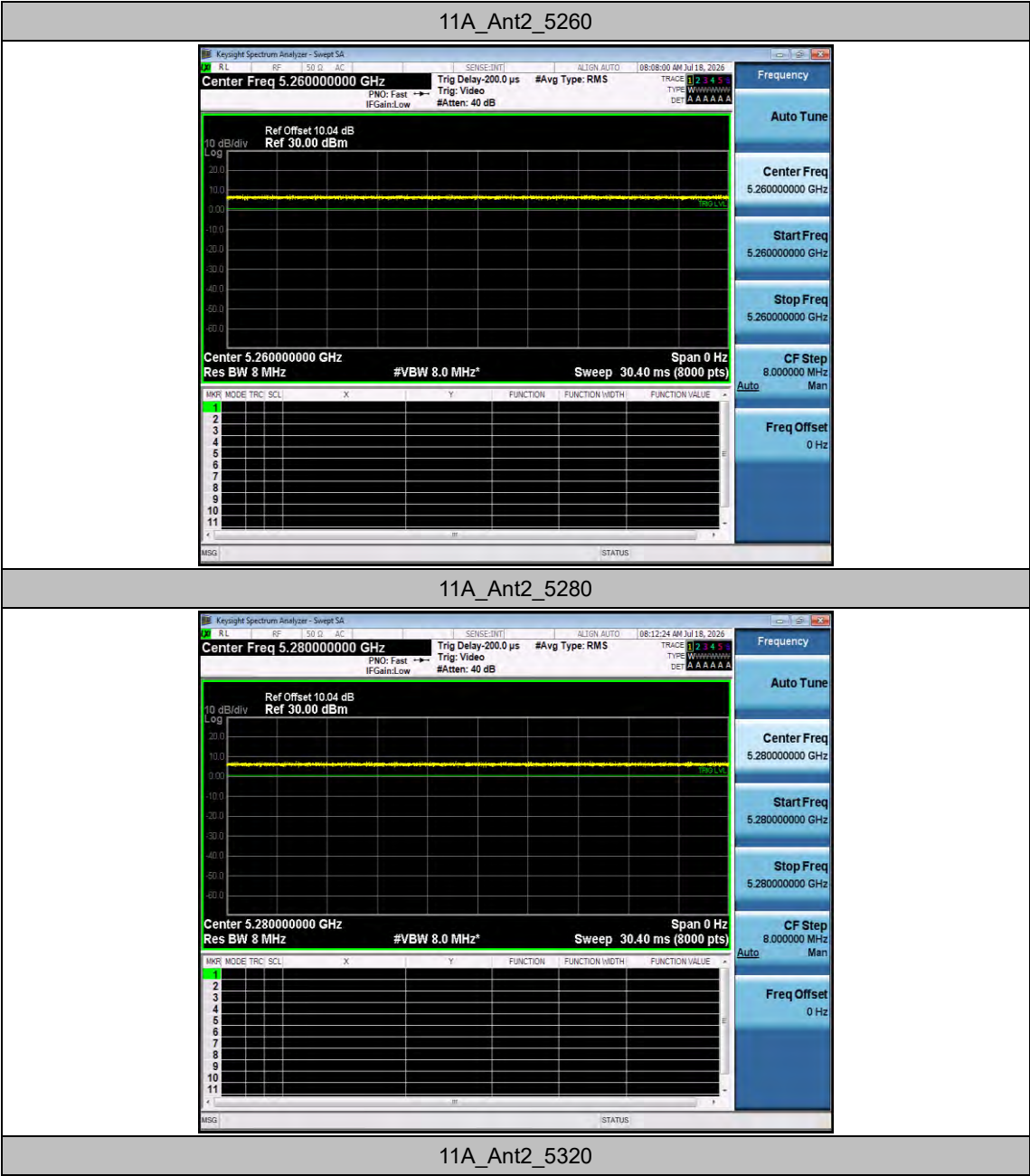


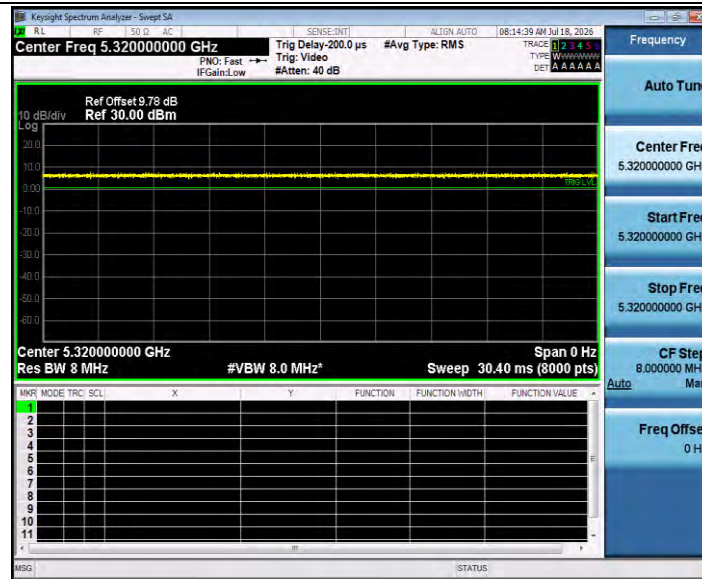
## Appendix E.3: Duty Cycle

### Test Result

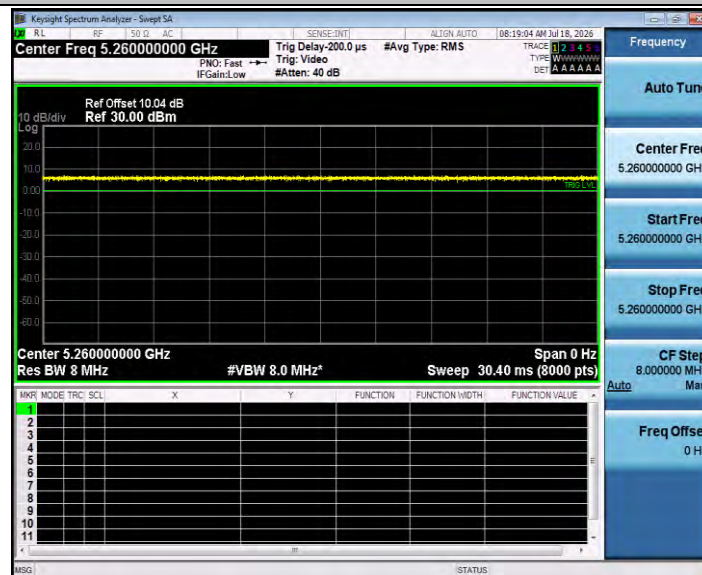
| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant2    | 5260      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5280      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5320      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11N20SISO  | Ant2    | 5260      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5280      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5320      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11N40SISO  | Ant2    | 5270      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5310      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11AC20SISO | Ant2    | 5260      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5280      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5320      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11AC40SISO | Ant2    | 5270      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
|            |         | 5310      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |
| 11AC80SISO | Ant2    | 5290      | 30.00                      | 30.00                    | 100.00         | 0.00                  | 0.03            |

Test Graphs

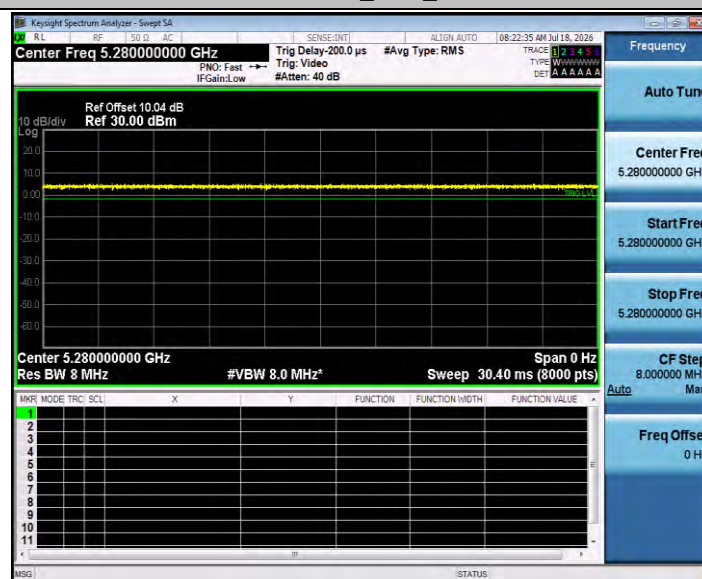




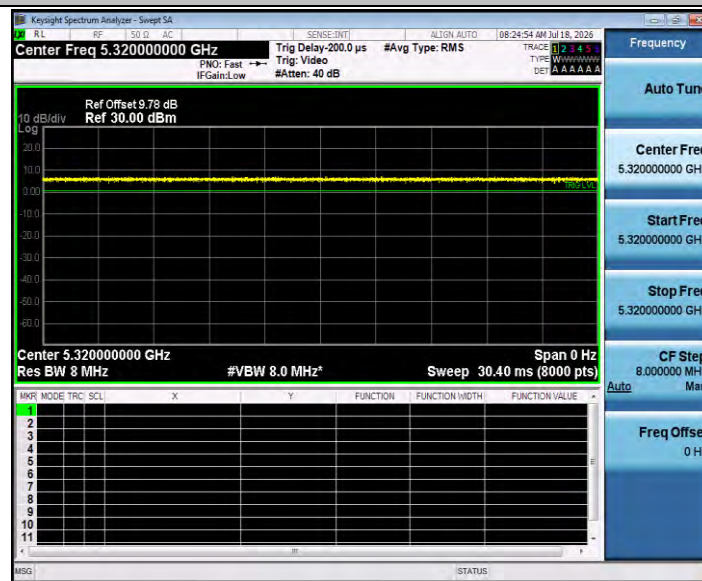
11N20SISO\_Ant2\_5260



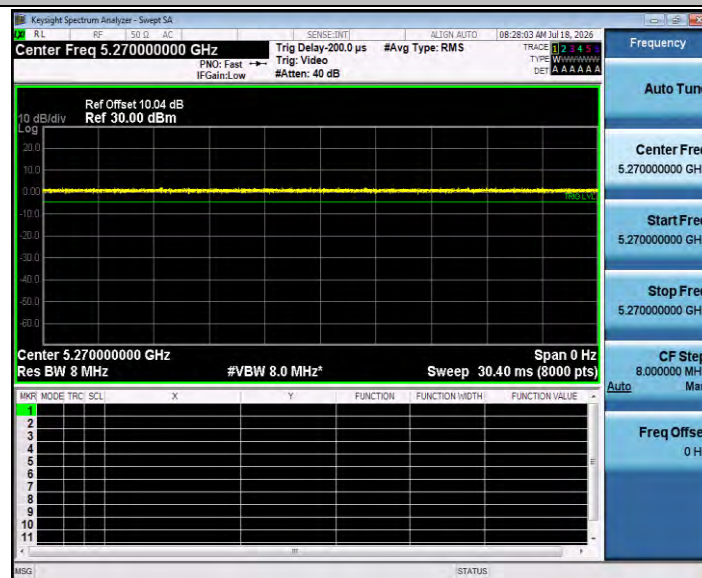
11N20SISO\_Ant2\_5280



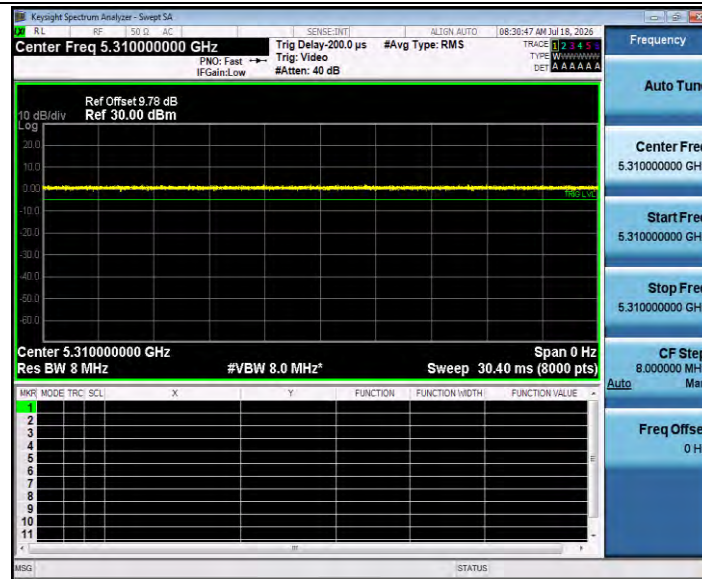
## 11N20SISO\_Ant2\_5320



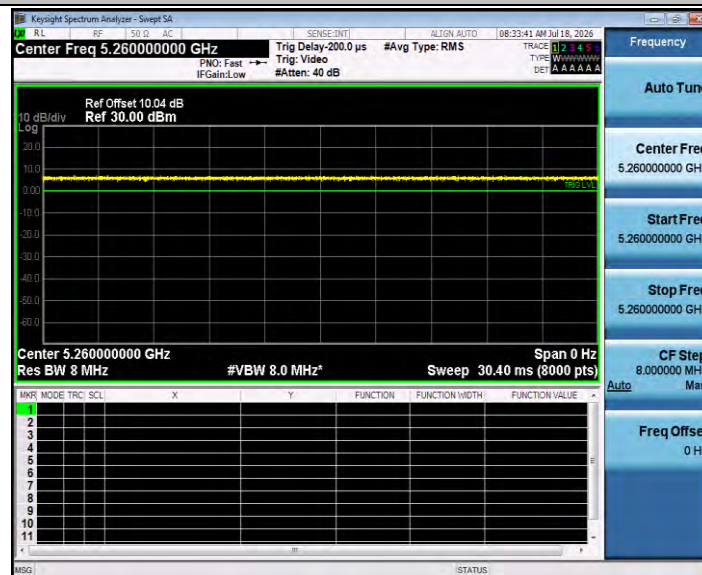
## 11N40SISO\_Ant2\_5270



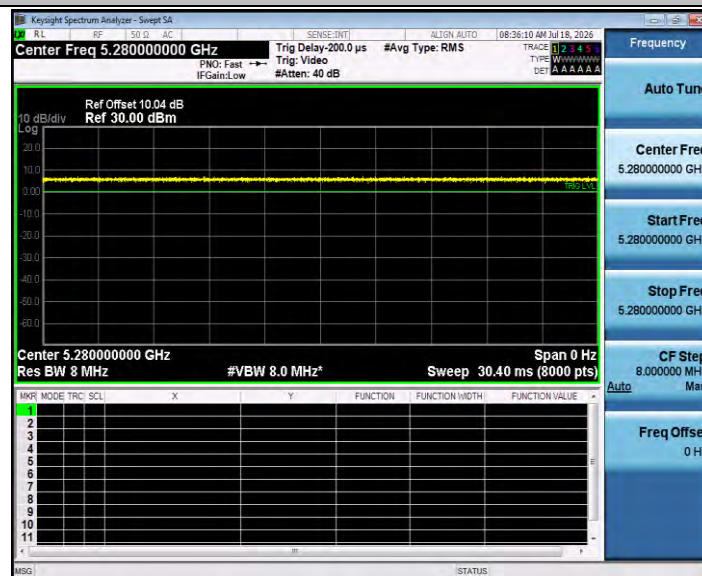
## 11N40SISO\_Ant2\_5310



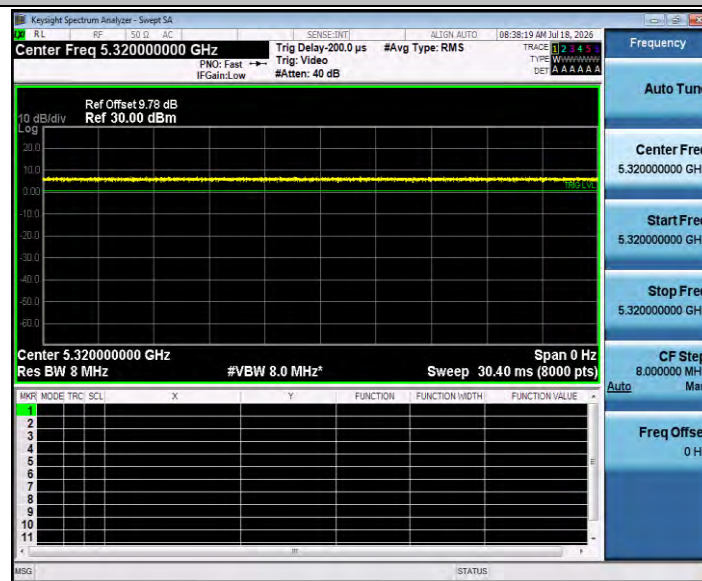
11AC20SISO\_Ant2\_5260



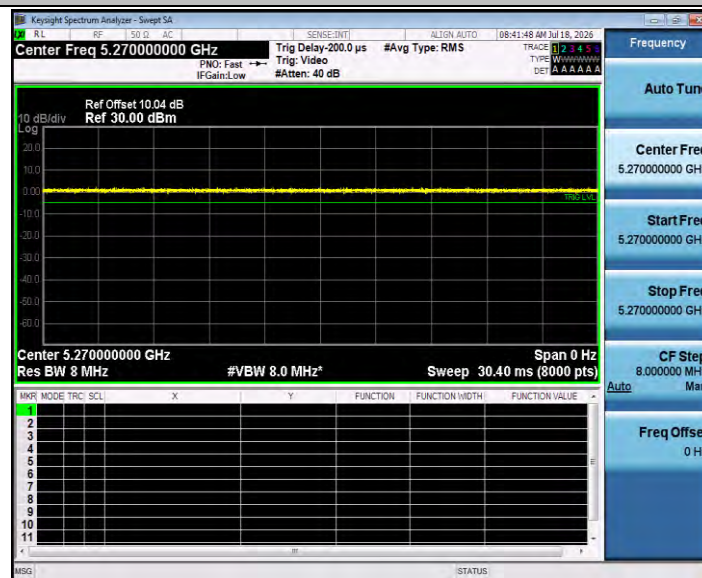
11AC20SISO\_Ant2\_5280



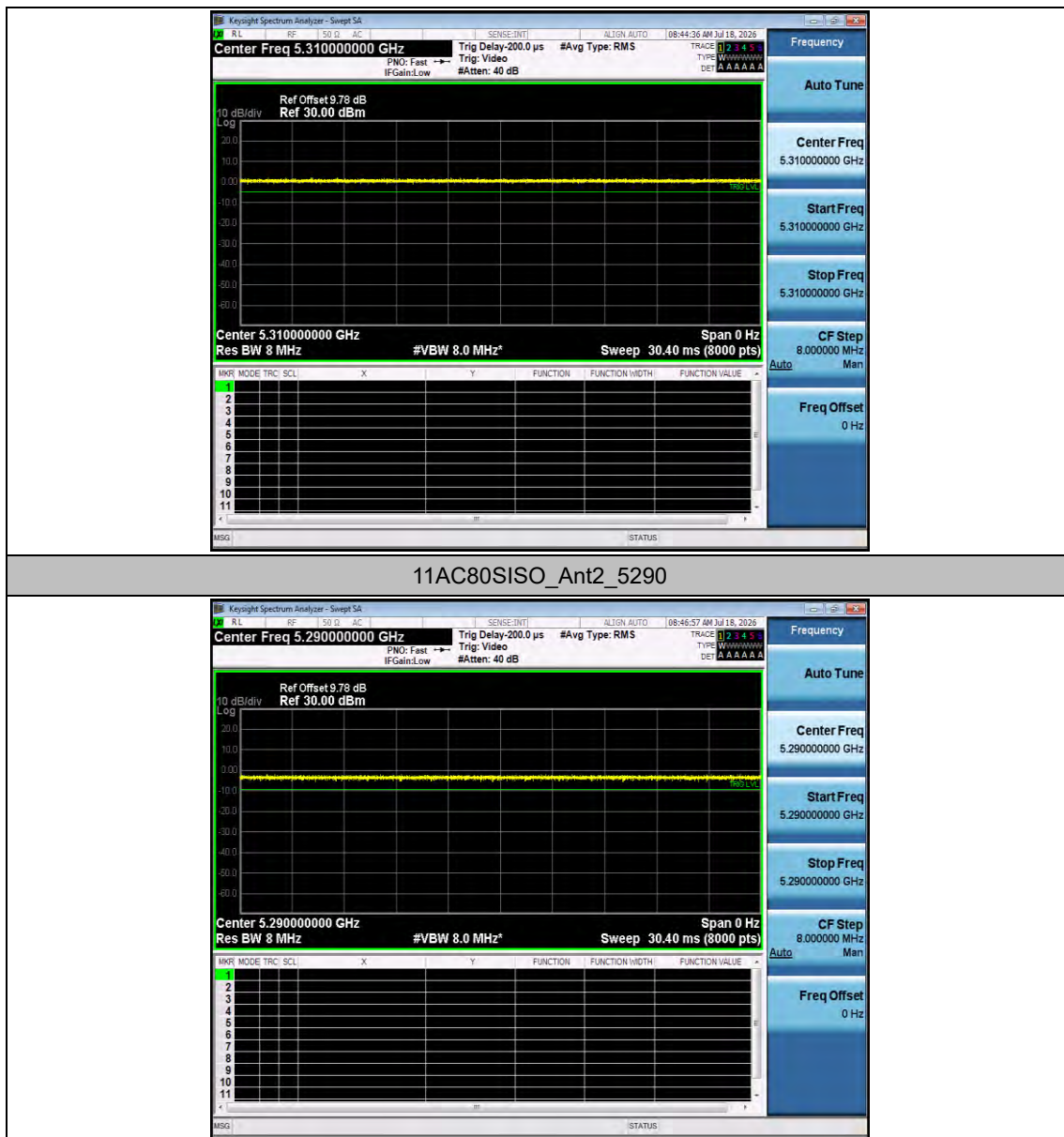
## 11AC20SISO\_Ant2\_5320



## 11AC40SISO\_Ant2\_5270



## 11AC40SISO\_Ant2\_5310



## Appendix E.4: Maximum conducted output power

### Test Result Channel Power

#### DC 11.4V by battery

| Test Mode  | Antenna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant2    | 5260      | 10.01               | 100.00         | 0.00            | 10.01        | ≤23.98      | PASS    |
|            |         | 5280      | 9.88                | 100.00         | 0.00            | 9.88         | ≤23.98      | PASS    |
|            |         | 5320      | 9.95                | 100.00         | 0.00            | 9.95         | ≤23.98      | PASS    |
| 11N20SISO  | Ant2    | 5260      | 10.05               | 100.00         | 0.00            | 10.05        | ≤23.98      | PASS    |
|            |         | 5280      | 10.14               | 100.00         | 0.00            | 10.14        | ≤23.98      | PASS    |
|            |         | 5320      | 10.06               | 100.00         | 0.00            | 10.06        | ≤23.98      | PASS    |
| 11N40SISO  | Ant2    | 5270      | 7.50                | 100.00         | 0.00            | 7.50         | ≤23.98      | PASS    |
|            |         | 5310      | 7.40                | 100.00         | 0.00            | 7.40         | ≤23.98      | PASS    |
| 11AC20SISO | Ant2    | 5260      | 9.86                | 100.00         | 0.00            | 9.86         | ≤23.98      | PASS    |
|            |         | 5280      | 9.74                | 100.00         | 0.00            | 9.74         | ≤23.98      | PASS    |
|            |         | 5320      | 9.75                | 100.00         | 0.00            | 9.75         | ≤23.98      | PASS    |
| 11AC40SISO | Ant2    | 5270      | 7.48                | 100.00         | 0.00            | 7.48         | ≤23.98      | PASS    |
|            |         | 5310      | 7.38                | 100.00         | 0.00            | 7.38         | ≤23.98      | PASS    |
| 11AC80SISO | Ant2    | 5290      | 7.27                | 100.00         | 0.00            | 7.27         | ≤23.98      | PASS    |

**DC 7.6V by battery**

| Test Mode  | Antenna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|---------------------|----------------|-----------------|--------------|-------------|---------|
| 11A        | Ant2    | 5260      | 9.63                | 100.00         | 0.00            | 9.63         | ≤23.98      | PASS    |
|            |         | 5280      | 9.45                | 100.00         | 0.00            | 9.45         | ≤23.98      | PASS    |
|            |         | 5320      | 9.35                | 100.00         | 0.00            | 9.35         | ≤23.98      | PASS    |
| 11N20SISO  | Ant2    | 5260      | 9.79                | 100.00         | 0.00            | 9.79         | ≤23.98      | PASS    |
|            |         | 5280      | 9.69                | 100.00         | 0.00            | 9.69         | ≤23.98      | PASS    |
|            |         | 5320      | 9.88                | 100.00         | 0.00            | 9.88         | ≤23.98      | PASS    |
| 11N40SISO  | Ant2    | 5270      | 7.12                | 100.00         | 0.00            | 7.12         | ≤23.98      | PASS    |
|            |         | 5310      | 7.09                | 100.00         | 0.00            | 7.09         | ≤23.98      | PASS    |
| 11AC20SISO | Ant2    | 5260      | 9.25                | 100.00         | 0.00            | 9.25         | ≤23.98      | PASS    |
|            |         | 5280      | 9.42                | 100.00         | 0.00            | 9.42         | ≤23.98      | PASS    |
|            |         | 5320      | 9.23                | 100.00         | 0.00            | 9.23         | ≤23.98      | PASS    |
| 11AC40SISO | Ant2    | 5270      | 7.13                | 100.00         | 0.00            | 7.13         | ≤23.98      | PASS    |
|            |         | 5310      | 7                   | 100.00         | 0.00            | 7            | ≤23.98      | PASS    |
| 11AC80SISO | Ant2    | 5290      | 6.98                | 100.00         | 0.00            | 6.98         | ≤23.98      | PASS    |

## AppendixE.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant2    | 5260      | -1.57            | ≤11.00         | PASS    |
|            |         | 5280      | -1.71            | ≤11.00         | PASS    |
|            |         | 5320      | -1.73            | ≤11.00         | PASS    |
| 11N20SISO  | Ant2    | 5260      | -1.94            | ≤11.00         | PASS    |
|            |         | 5280      | -3.89            | ≤11.00         | PASS    |
|            |         | 5320      | -2.04            | ≤11.00         | PASS    |
| 11N40SISO  | Ant2    | 5270      | -7.32            | ≤11.00         | PASS    |
|            |         | 5310      | -7.29            | ≤11.00         | PASS    |
| 11AC20SISO | Ant2    | 5260      | -1.93            | ≤11.00         | PASS    |
|            |         | 5280      | -2.07            | ≤11.00         | PASS    |
|            |         | 5320      | -2.06            | ≤11.00         | PASS    |
| 11AC40SISO | Ant2    | 5270      | -7.34            | ≤11.00         | PASS    |
|            |         | 5310      | -7.29            | ≤11.00         | PASS    |
| 11AC80SISO | Ant2    | 5290      | -9.30            | ≤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 Factorand RBW Factoriscompensatedinthegraph.

## Test Graphs

11A\_Ant2\_5260



11A\_Ant2\_5280



11A\_Ant2\_5320



11N20SISO\_Ant2\_5260



11N20SISO\_Ant2\_5280



11N20SISO\_Ant2\_5320



11N40SISO\_Ant2\_5270



11N40SISO\_Ant2\_5310



11AC20SISO\_Ant2\_5260



11AC20SISO\_Ant2\_5280



## 11AC20SISO\_Ant2\_5320



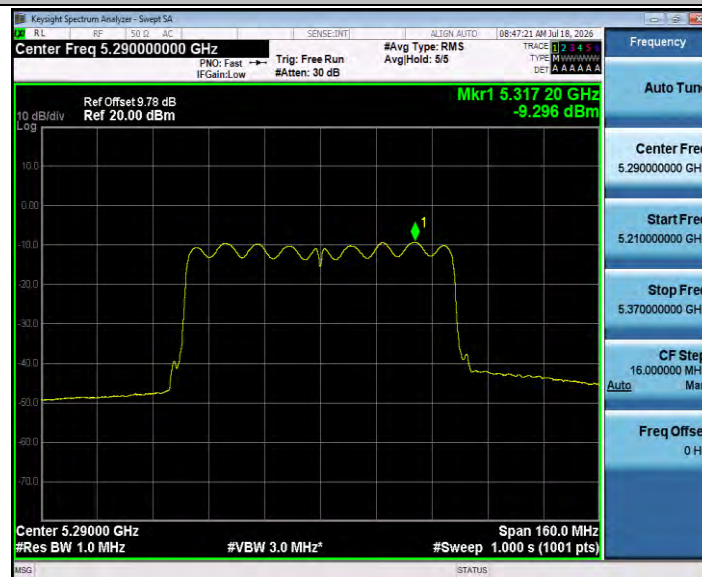
## 11AC40SISO\_Ant2\_5270



## 11AC40SISO\_Ant2\_5310



11AC80SISO\_Ant2\_5290



## Appendix E.6: Band edge measurements

### Test Result B2

| TestMode   | Antenna | ChName | Freq(MHz) | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|--------|-----------|-------------|------------|---------|
| 11A        | Ant2    | Low    | 5260      | -36.87      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -35.35      | $\leq -27$ | PASS    |
| 11N20SISO  | Ant2    | Low    | 5260      | -36.81      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -36.28      | $\leq -27$ | PASS    |
| 11N40SISO  | Ant2    | Low    | 5270      | -36.62      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -31.98      | $\leq -27$ | PASS    |
| 11AC20SISO | Ant2    | Low    | 5260      | -36.45      | $\leq -27$ | PASS    |
|            |         | High   | 5320      | -37.36      | $\leq -27$ | PASS    |
| 11AC40SISO | Ant2    | Low    | 5270      | -36.55      | $\leq -27$ | PASS    |
|            |         | High   | 5310      | -32.28      | $\leq -27$ | PASS    |
| 11AC80SISO | Ant2    | Low    | 5290      | -37.56      | $\leq -27$ | PASS    |
|            |         | High   | 5290      | -28.96      | $\leq -27$ | PASS    |

## Test GraphsB2

11A\_Ant2\_Low\_5260



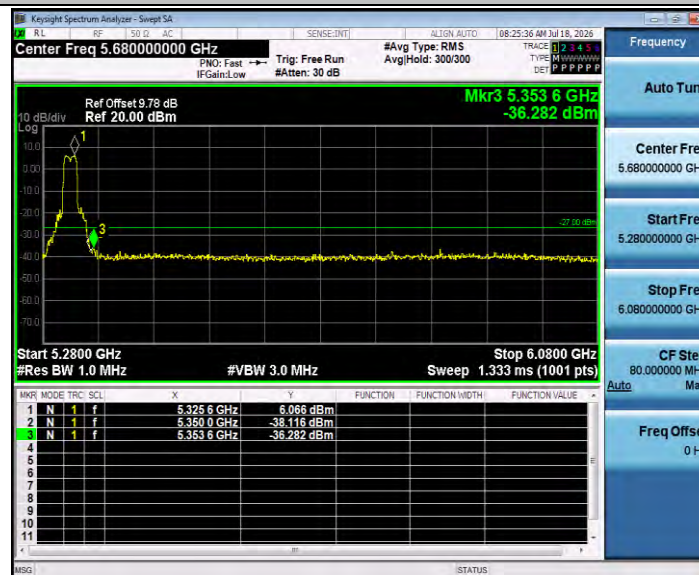
11A\_Ant2\_High\_5320



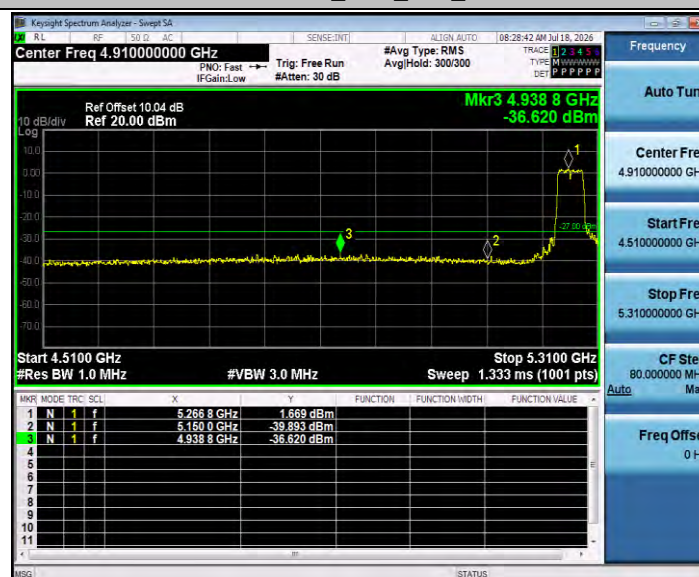
11N20SISO\_Ant2\_Low\_5260



11N20SISO\_Ant2\_High\_5320



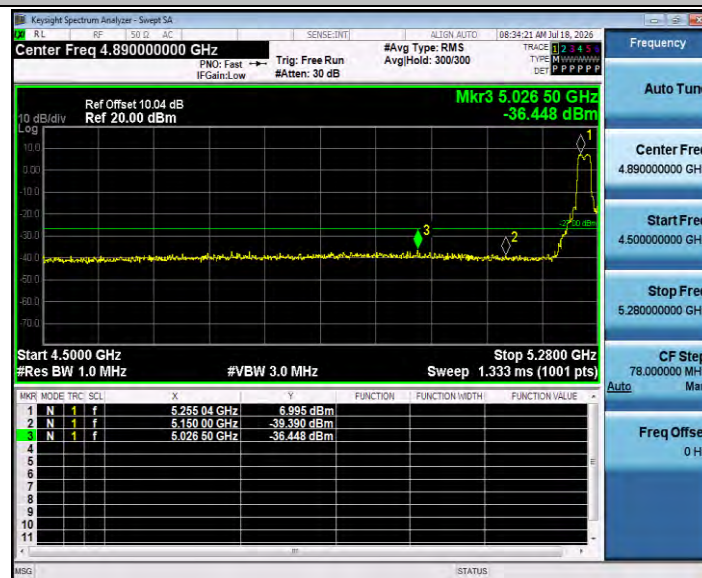
11N40SISO\_Ant2\_Low\_5270



## 11N40SISO\_Ant2\_High\_5310



## 11AC20SISO\_Ant2\_Low\_5260



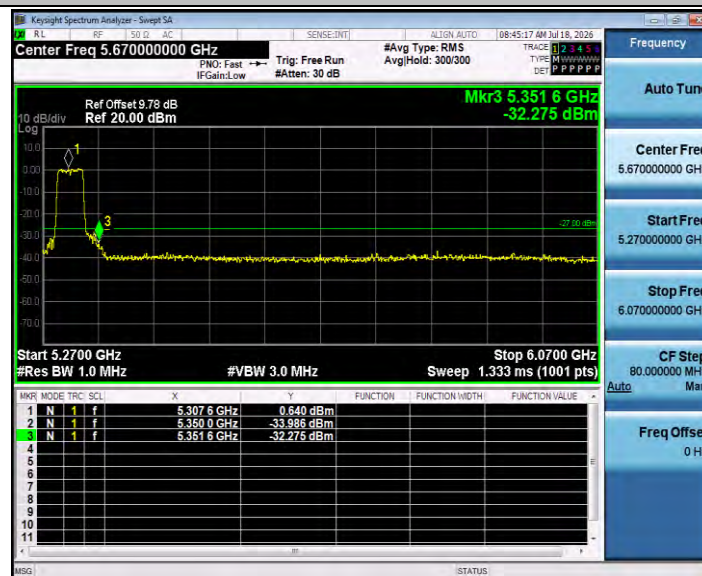
## 11AC20SISO\_Ant2\_High\_5320



11AC40SISO\_Ant2\_Low\_5270



11AC40SISO\_Ant2\_High\_5310



## 11AC80SISO\_Ant2\_Low\_5290



## 11AC80SISO\_Ant2\_High\_5290



## Appendix E.7: Conducted Spurious Emission

### Test Result

| TestMode   | Antenna | Freq(MHz) | FreqRange [MHz] | Max. Fre [MHz] | Max. Level [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------|-----------------|----------------|------------------|-------------|---------|
| 11A        | Ant2    | 5260      | 30~5140         | 114.49         | -43.34           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26834.81       | -36.74           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 4907.32        | -45.74           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24279.13       | -37.01           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 4970.86        | -46.4            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26065.15       | -36.88           | ≤-27        | PASS    |
| 11N20SISO  | Ant2    | 5260      | 30~5140         | 3143.18        | -45.85           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 23531.83       | -36.8            | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 127.94         | -44.65           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26058.66       | -37.52           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 116.53         | -40.97           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26508.05       | -36.47           | ≤-27        | PASS    |
| 11N40SISO  | Ant2    | 5270      | 30~5140         | 3068.75        | -46.37           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 26635.01       | -37.22           | ≤-27        | PASS    |
|            |         | 5310      | 30~5140         | 2656.71        | -46.28           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24215.65       | -36.9            | ≤-27        | PASS    |
| 11AC20SISO | Ant2    | 5260      | 30~5140         | 2649.73        | -45.89           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25257.26       | -36.91           | ≤-27        | PASS    |
|            |         | 5280      | 30~5140         | 2431.02        | -46.9            | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24285.62       | -37.26           | ≤-27        | PASS    |
|            |         | 5320      | 30~5140         | 133.73         | -45.37           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24406.09       | -37.15           | ≤-27        | PASS    |
| 11AC40SISO | Ant2    | 5270      | 30~5140         | 3015.77        | -46.57           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 24212.77       | -36.58           | ≤-27        | PASS    |
|            |         | 5310      | 30~5140         | 132.54         | -43.95           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 25085.58       | -37.57           | ≤-27        | PASS    |
| 11AC80SISO | Ant2    | 5290      | 30~5140         | 5069.48        | -46.67           | ≤-27        | PASS    |
|            |         |           | 5360~27000      | 5363.61        | -33.43           | ≤-27        | PASS    |

## Test Graphs

11A\_Ant2\_5260\_30~5140



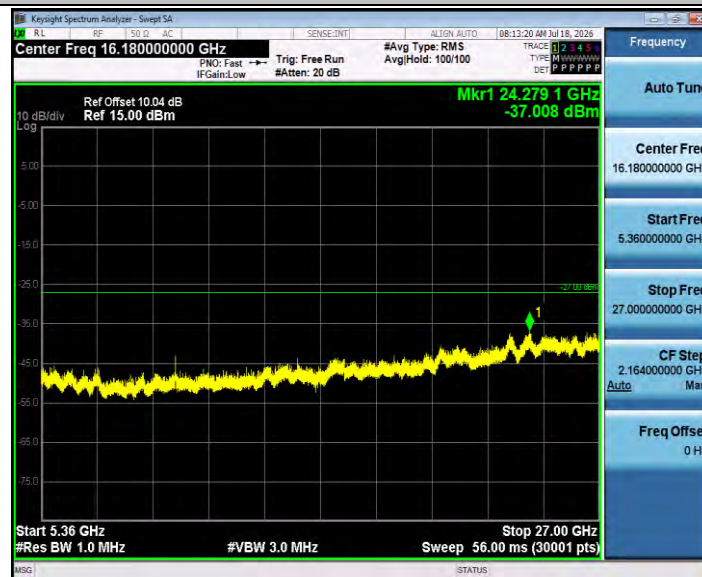
11A\_Ant2\_5260\_5360~27000



11A\_Ant2\_5280\_30~5140



11A\_Ant2\_5280\_5360~27000



11A\_Ant2\_5320\_30~5140



## 11A\_Ant2\_5320\_5360~27000



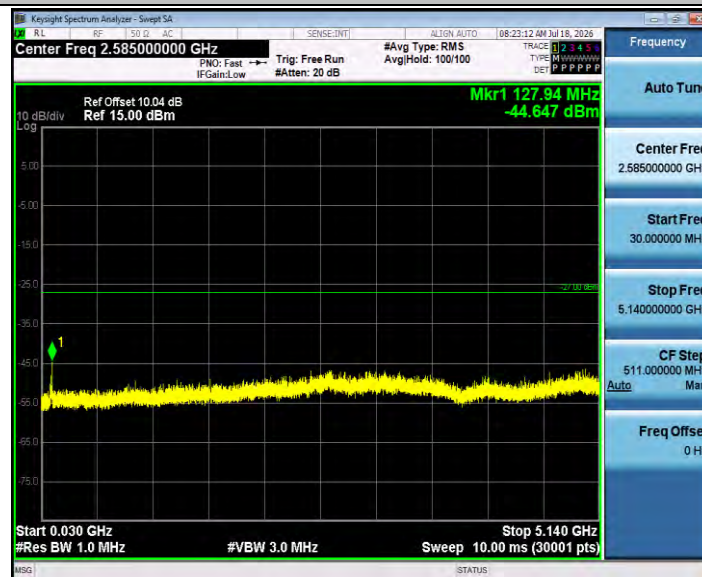
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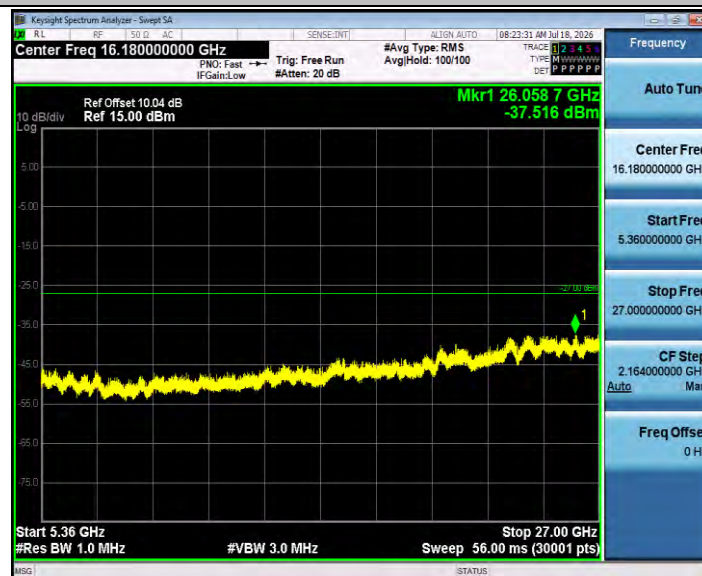
## 11N20SISO\_Ant2\_5260\_5360~27000



11N20SISO\_Ant2\_5280\_30~5140



11N20SISO\_Ant2\_5280\_5360~27000



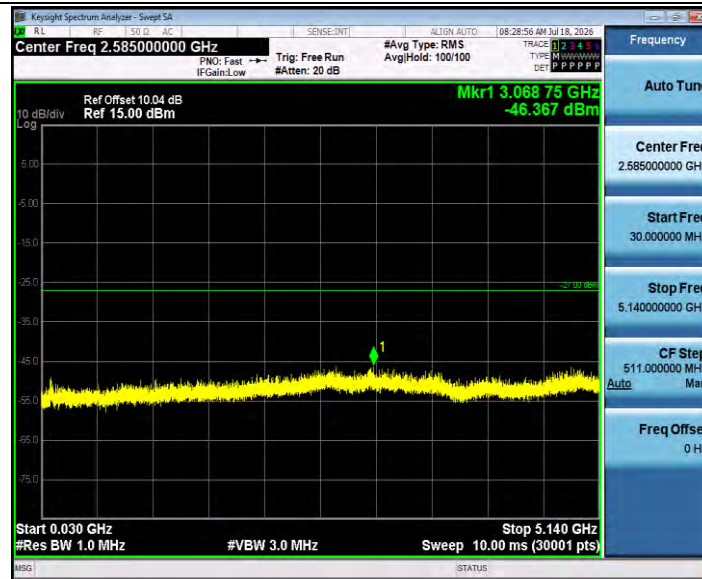
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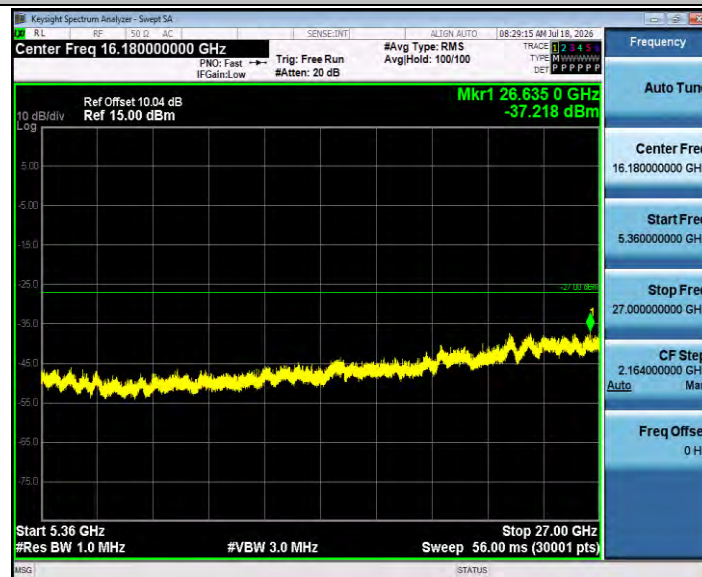
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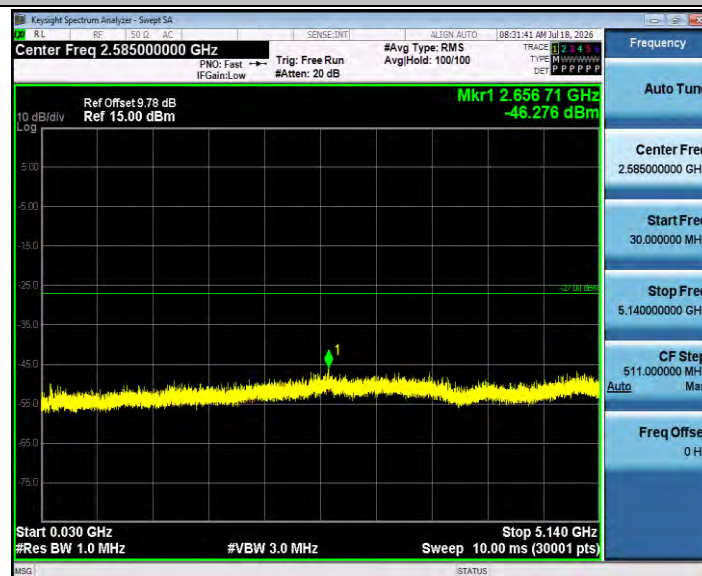
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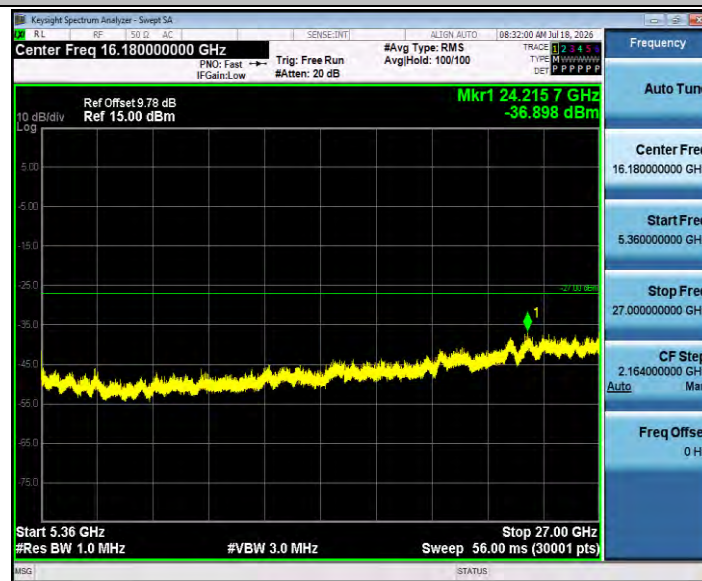
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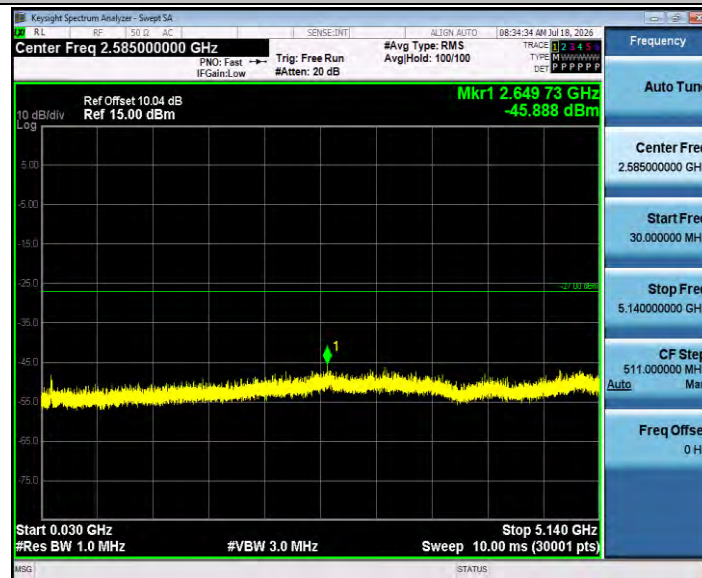
11N40SISO\_Ant2\_5310\_30~5140



## 11N40SISO\_Ant2\_5310\_5360~27000



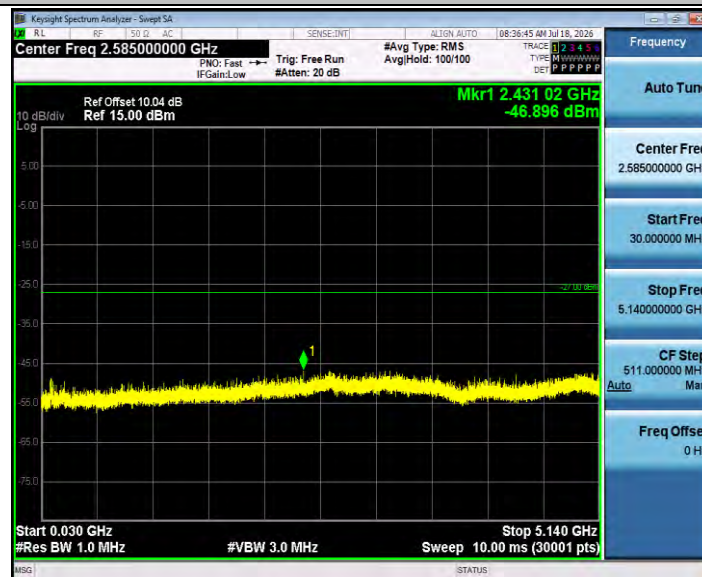
## 11AC20SISO\_Ant2\_5260\_30~5140



## 11AC20SISO\_Ant2\_5260\_5360~27000



11AC20SISO\_Ant2\_5280\_30~5140



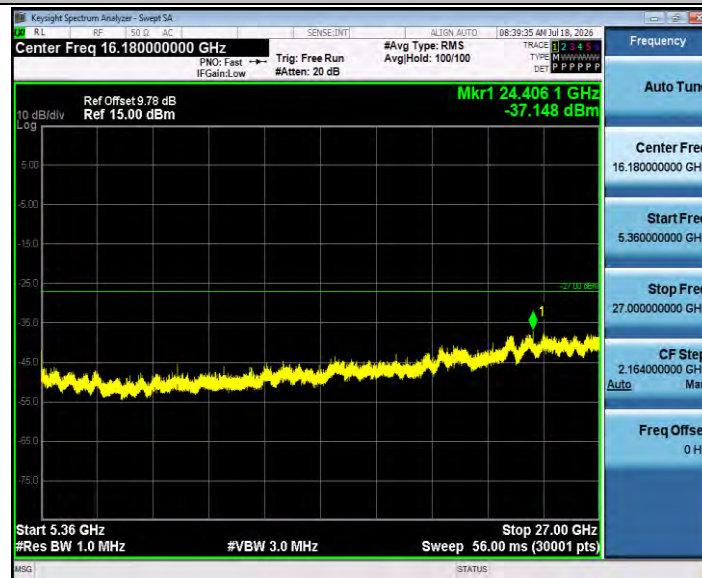
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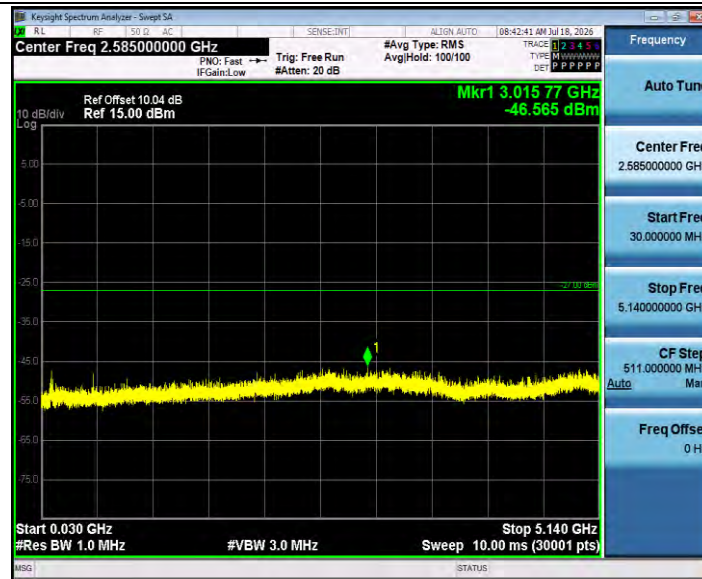
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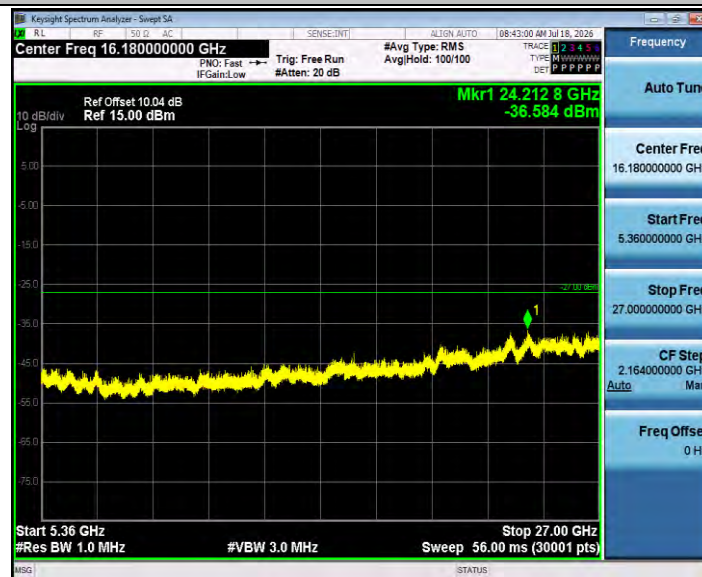
## 11AC20SISO\_Ant2\_5320\_5360~27000



## 11AC40SISO\_Ant2\_5270\_30~5140



11AC40SISO\_Ant2\_5270\_5360~27000



11AC40SISO\_Ant2\_5310\_30~5140



## 11AC40SISO\_Ant2\_5310\_5360~27000



## 11AC80SISO\_Ant2\_5290\_30~5140



## 11AC80SISO\_Ant2\_5290\_5360~27000

