

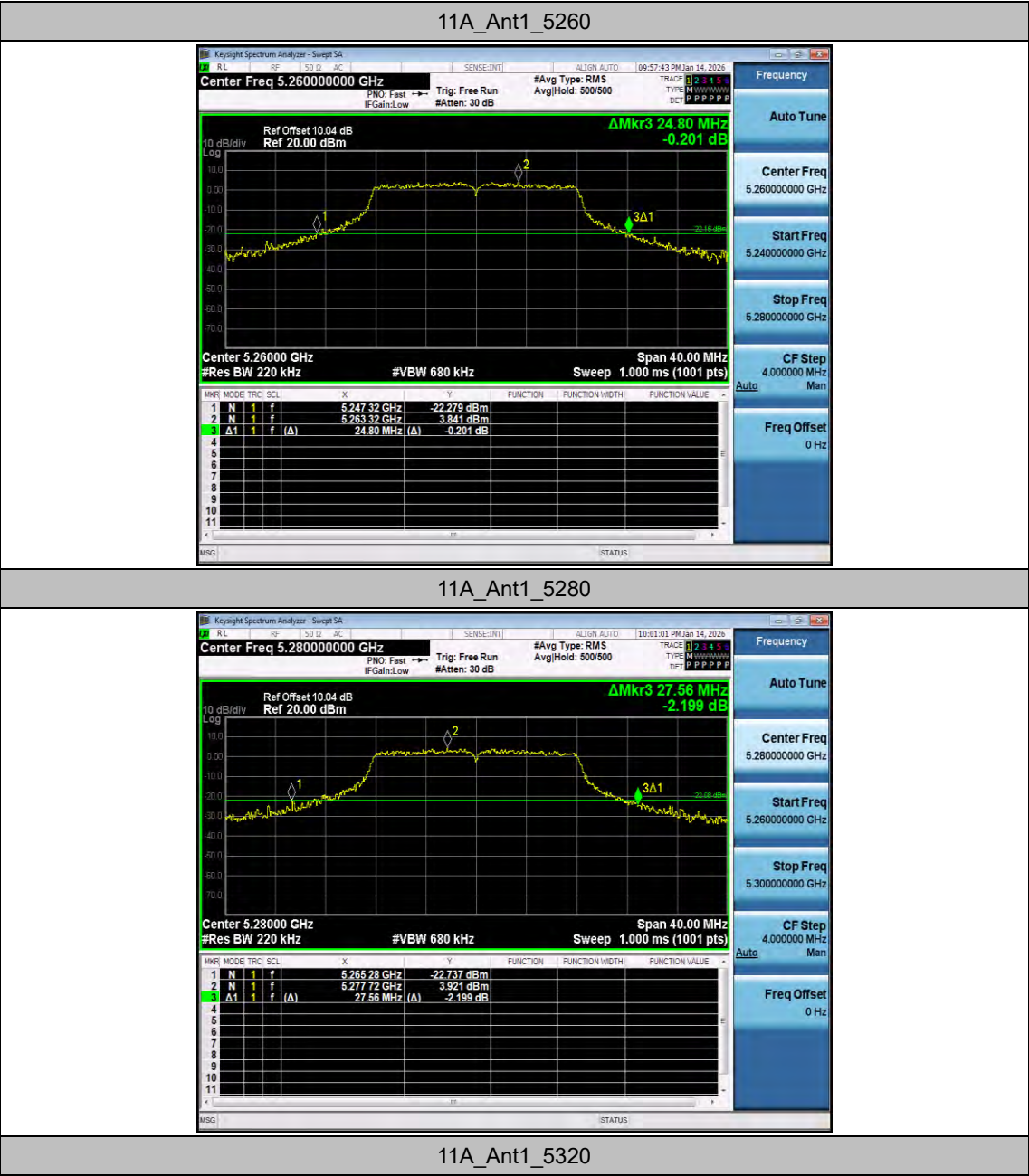
|                                                                                        |
|----------------------------------------------------------------------------------------|
| <b>Case No. :</b> <u>GTS20250825004-12-05</u>                                          |
| <b>Ambient Condition:</b> <u>22</u> °C, <u>49</u> %RH                                  |
| <b>According Standard:</b> ■Part15E                                                    |
| <b>Test Date:</b> <u>2025.12.20-2026.1.22</u> <b>Test Engineer:</b> <u>Evan ouyang</u> |

## Appendix E.1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5260      | 24.800            | 5247.320 | 5272.120 | ---        | ---     |
|            |         | 5280      | 27.560            | 5265.280 | 5292.840 | ---        | ---     |
|            |         | 5320      | 25.440            | 5307.640 | 5333.080 | ---        | ---     |
| 11N20SISO  | Ant1    | 5260      | 25.560            | 5247.280 | 5272.840 | ---        | ---     |
|            |         | 5280      | 26.600            | 5266.760 | 5293.360 | ---        | ---     |
|            |         | 5320      | 26.200            | 5306.640 | 5332.840 | ---        | ---     |
| 11N40SISO  | Ant1    | 5270      | 47.600            | 5244.960 | 5292.560 | ---        | ---     |
|            |         | 5310      | 46.160            | 5286.640 | 5332.800 | ---        | ---     |
| 11AC20SISO | Ant1    | 5260      | 25.720            | 5247.120 | 5272.840 | ---        | ---     |
|            |         | 5280      | 25.080            | 5267.200 | 5292.280 | ---        | ---     |
|            |         | 5320      | 26.440            | 5306.040 | 5332.480 | ---        | ---     |
| 11AC40SISO | Ant1    | 5270      | 45.200            | 5247.040 | 5292.240 | ---        | ---     |
|            |         | 5310      | 45.520            | 5287.600 | 5333.120 | ---        | ---     |
| 11AC80SISO | Ant1    | 5290      | 100.320           | 5233.360 | 5333.680 | ---        | ---     |
| 11AX20SISO | Ant1    | 5260      | 24.600            | 5247.240 | 5271.840 | ---        | ---     |
|            |         | 5280      | 25.280            | 5267.720 | 5293.000 | ---        | ---     |
|            |         | 5320      | 24.920            | 5306.840 | 5331.760 | ---        | ---     |
| 11AX40SISO | Ant1    | 5270      | 45.920            | 5246.960 | 5292.880 | ---        | ---     |
|            |         | 5310      | 44.560            | 5287.440 | 5332.000 | ---        | ---     |
| 11AX80SISO | Ant1    | 5290      | 84.800            | 5247.280 | 5332.080 | ---        | ---     |

Test Graphs



11A\_Ant1\_5280

11A\_Ant1\_5320



11N20SISO\_Ant1\_5260



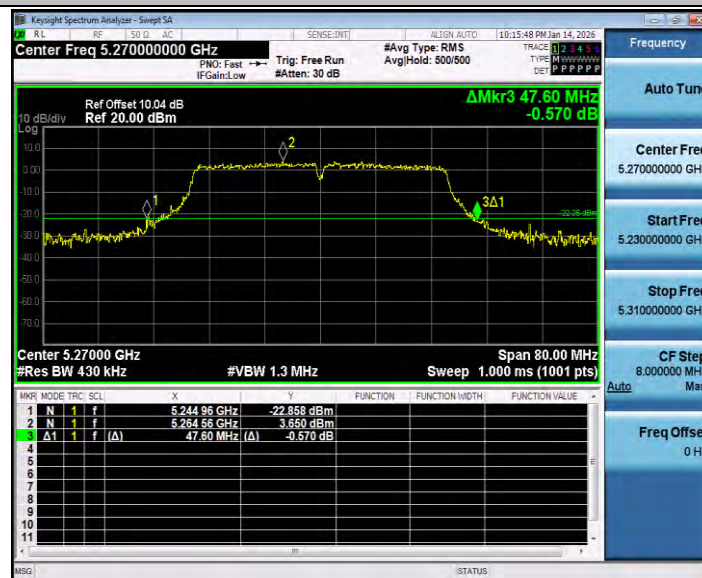
11N20SISO\_Ant1\_5280



## 11N20SISO\_Ant1\_5320



## 11N40SISO\_Ant1\_5270



## 11N40SISO\_Ant1\_5310



11AC20SISO\_Ant1\_5260



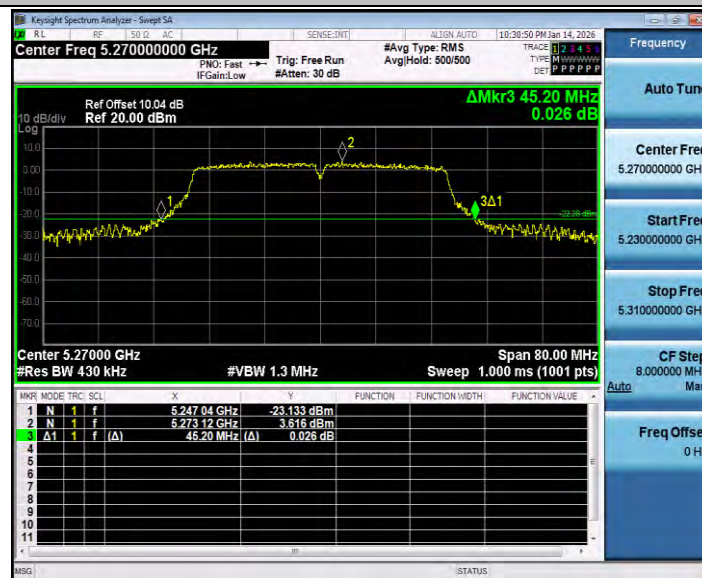
11AC20SISO\_Ant1\_5280



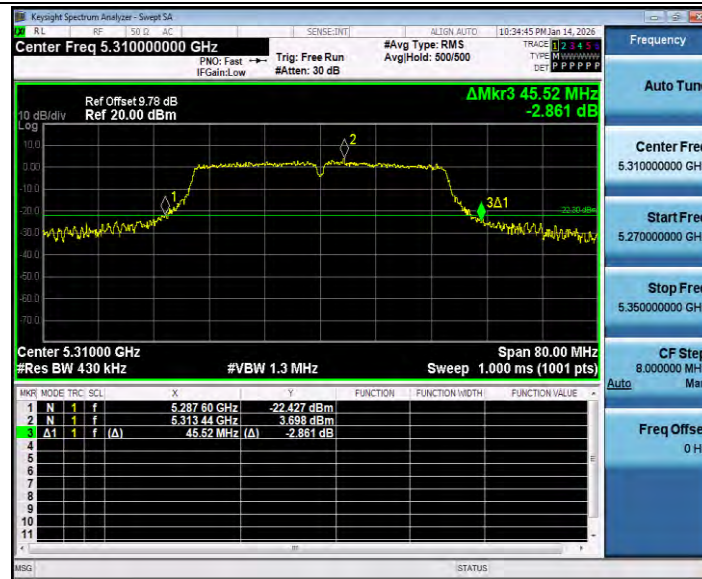
## 11AC20SISO\_Ant1\_5320



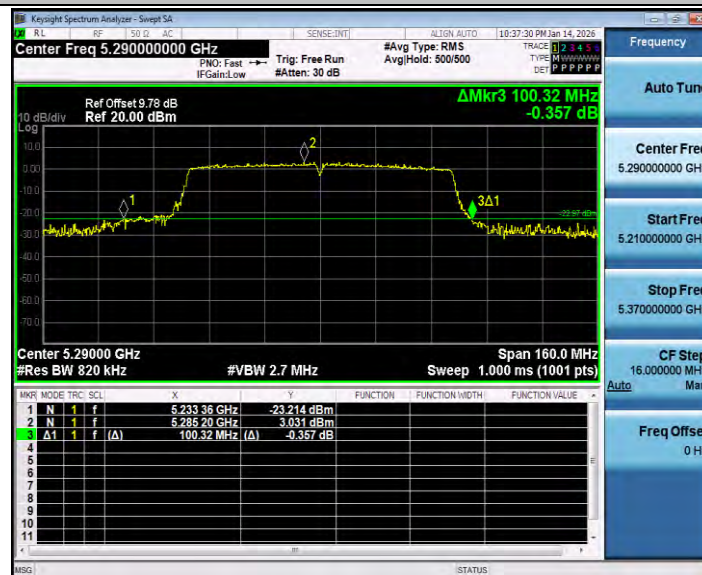
## 11AC40SISO\_Ant1\_5270



## 11AC40SISO\_Ant1\_5310



11AC80SISO\_Ant1\_5290



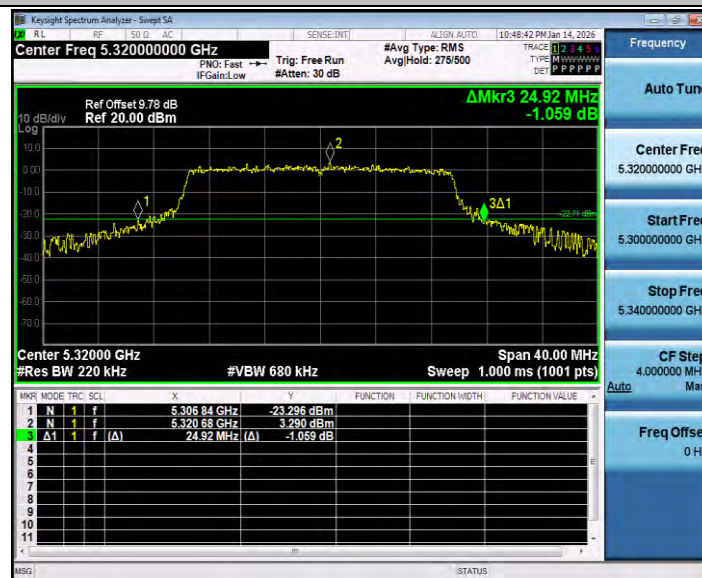
11AX20SISO\_Ant1\_5260



## 11AX20SISO\_Ant1\_5280



## 11AX20SISO\_Ant1\_5320



## 11AX40SISO\_Ant1\_5270



11AX40SISO\_Ant1\_5310



11AX80SISO\_Ant1\_5290

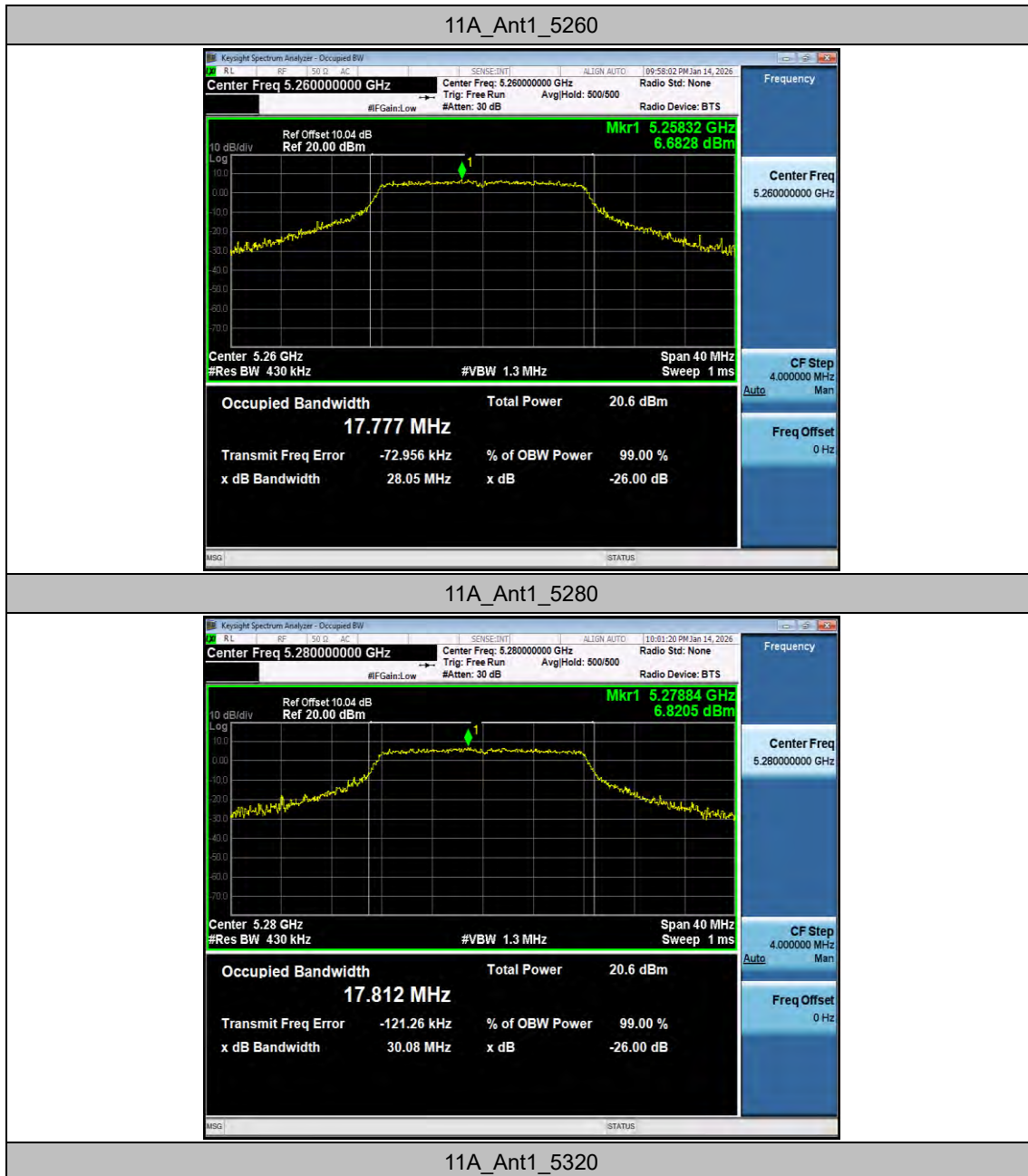


## Appendix E.2: Occupied channel bandwidth

### Test Result

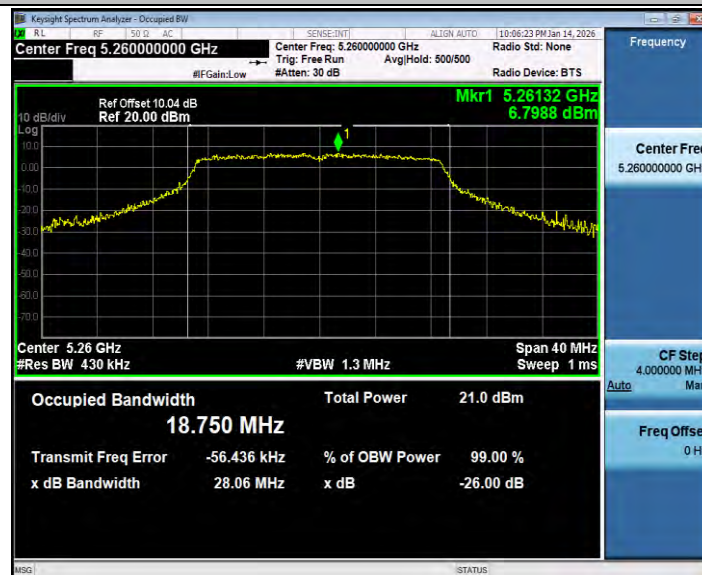
| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5260      | 17.777    | 5251.0385 | 5268.8155 | ---        | ---     |
|            |         | 5280      | 17.812    | 5270.9727 | 5288.7847 | ---        | ---     |
|            |         | 5320      | 17.729    | 5310.9653 | 5328.6943 | ---        | ---     |
| 11N20SISO  | Ant1    | 5260      | 18.750    | 5250.5686 | 5269.3186 | ---        | ---     |
|            |         | 5280      | 18.784    | 5270.5502 | 5289.3342 | ---        | ---     |
|            |         | 5320      | 18.824    | 5310.4959 | 5329.3199 | ---        | ---     |
| 11N40SISO  | Ant1    | 5270      | 37.297    | 5251.3040 | 5288.6010 | ---        | ---     |
|            |         | 5310      | 37.234    | 5291.2507 | 5328.4847 | ---        | ---     |
| 11AC20SISO | Ant1    | 5260      | 18.774    | 5250.5659 | 5269.3399 | ---        | ---     |
|            |         | 5280      | 18.787    | 5270.5784 | 5289.3654 | ---        | ---     |
|            |         | 5320      | 18.719    | 5310.5504 | 5329.2694 | ---        | ---     |
| 11AC40SISO | Ant1    | 5270      | 37.249    | 5251.3219 | 5288.5709 | ---        | ---     |
|            |         | 5310      | 37.380    | 5291.1922 | 5328.5722 | ---        | ---     |
| 11AC80SISO | Ant1    | 5290      | 76.476    | 5251.6084 | 5328.0844 | ---        | ---     |
| 11AX20SISO | Ant1    | 5260      | 19.394    | 5250.2522 | 5269.6462 | ---        | ---     |
|            |         | 5280      | 19.498    | 5270.2645 | 5289.7625 | ---        | ---     |
|            |         | 5320      | 19.469    | 5310.2151 | 5329.6841 | ---        | ---     |
| 11AX40SISO | Ant1    | 5270      | 38.315    | 5250.8478 | 5289.1628 | ---        | ---     |
|            |         | 5310      | 38.213    | 5290.8353 | 5329.0483 | ---        | ---     |
| 11AX80SISO | Ant1    | 5290      | 77.599    | 5251.1273 | 5328.7263 | ---        | ---     |

## Test Graphs

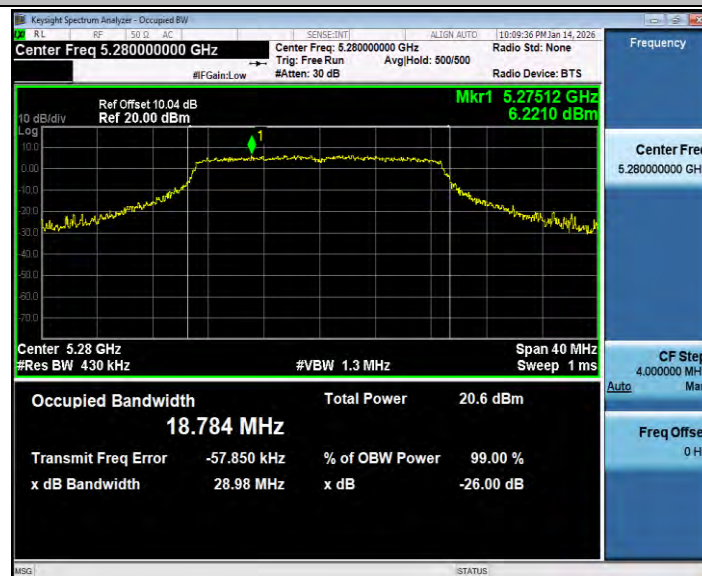




11N20SISO\_Ant1\_5260



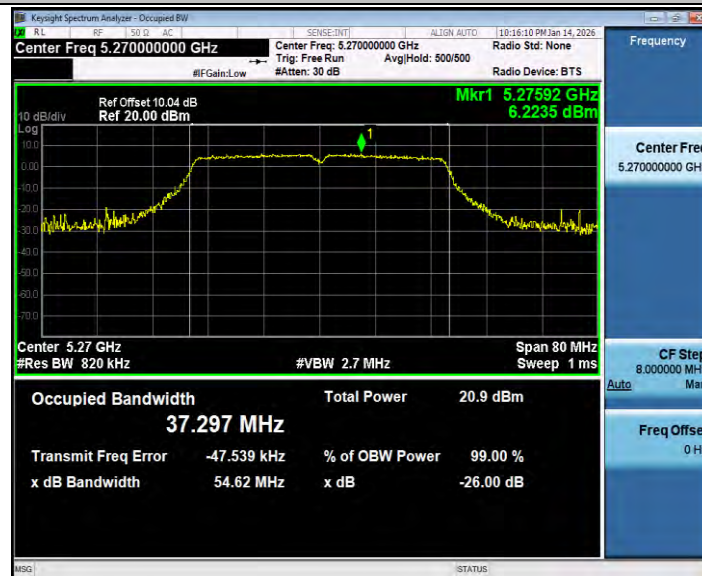
11N20SISO\_Ant1\_5280



## 11N20SISO\_Ant1\_5320



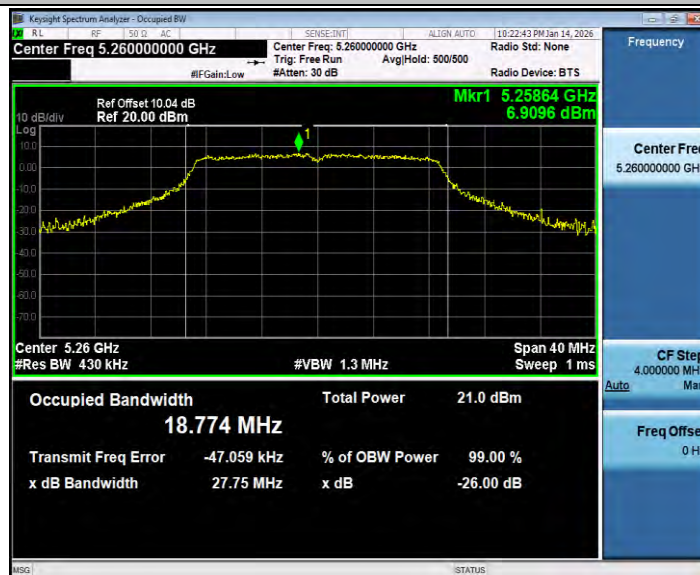
## 11N40SISO\_Ant1\_5270



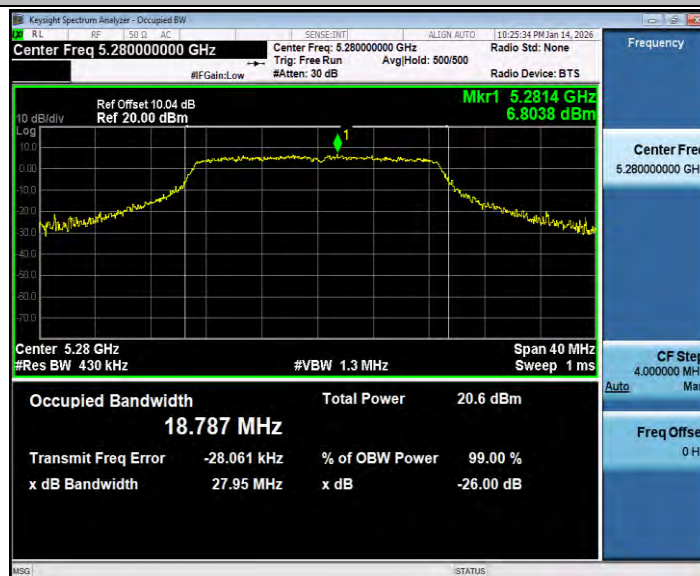
## 11N40SISO\_Ant1\_5310



11AC20SISO\_Ant1\_5260



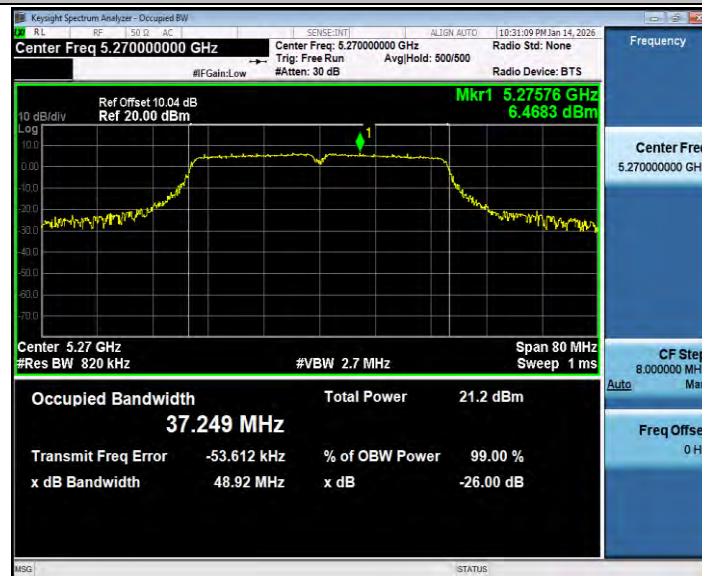
11AC20SISO\_Ant1\_5280



## 11AC20SISO\_Ant1\_5320



## 11AC40SISO\_Ant1\_5270



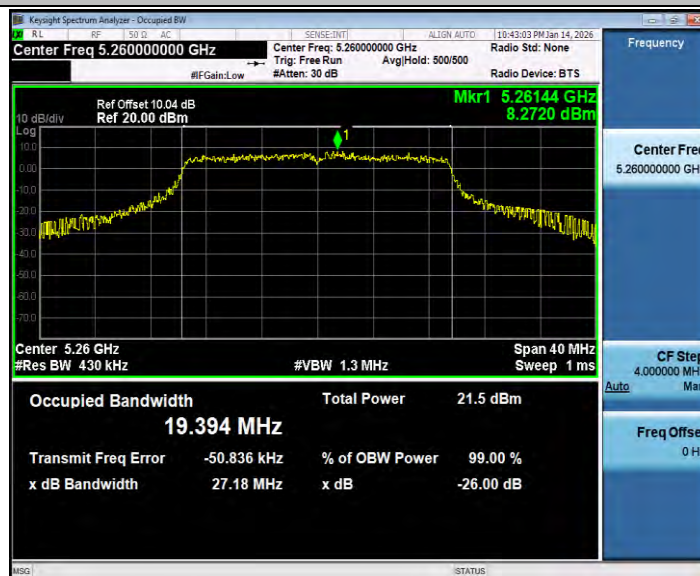
## 11AC40SISO\_Ant1\_5310



11AC80SISO\_Ant1\_5290



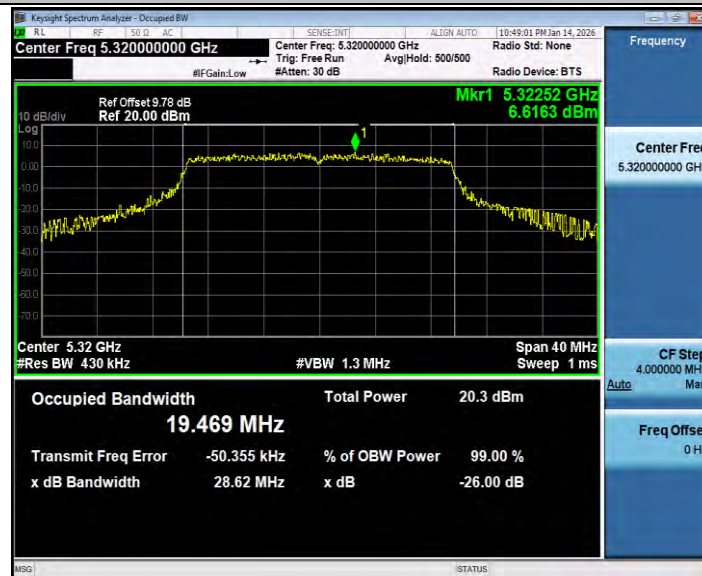
11AX20SISO\_Ant1\_5260



## 11AX20SISO\_Ant1\_5280



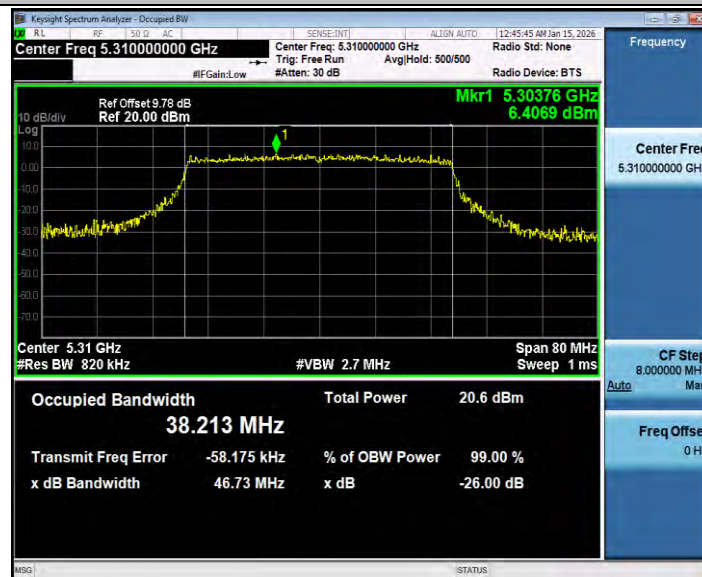
## 11AX20SISO\_Ant1\_5320



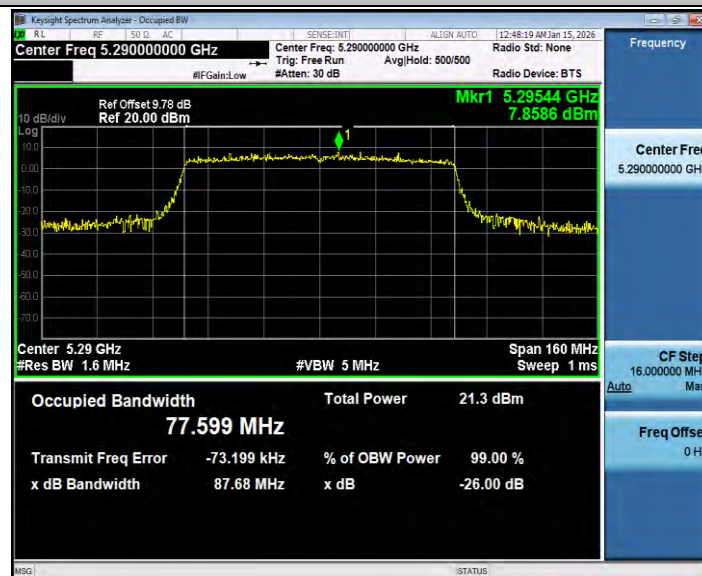
## 11AX40SISO\_Ant1\_5270



11AX40SISO\_Ant1\_5310



11AX80SISO\_Ant1\_5290

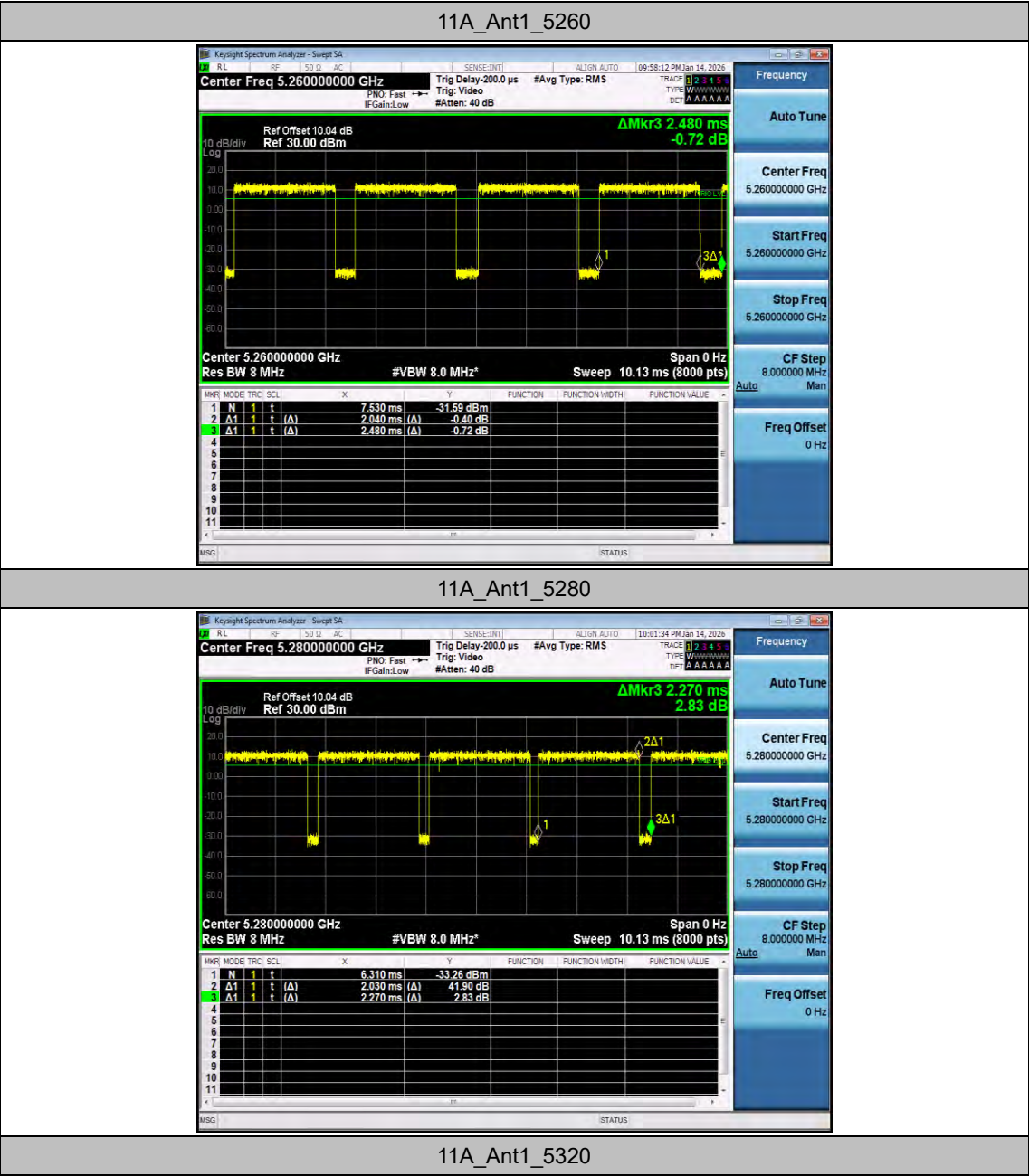


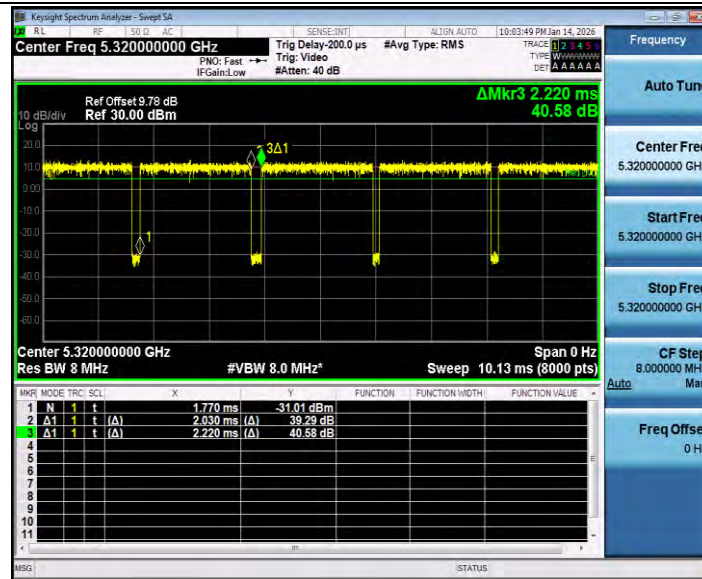
## AppendixE.3: Duty Cycle

### Test Result

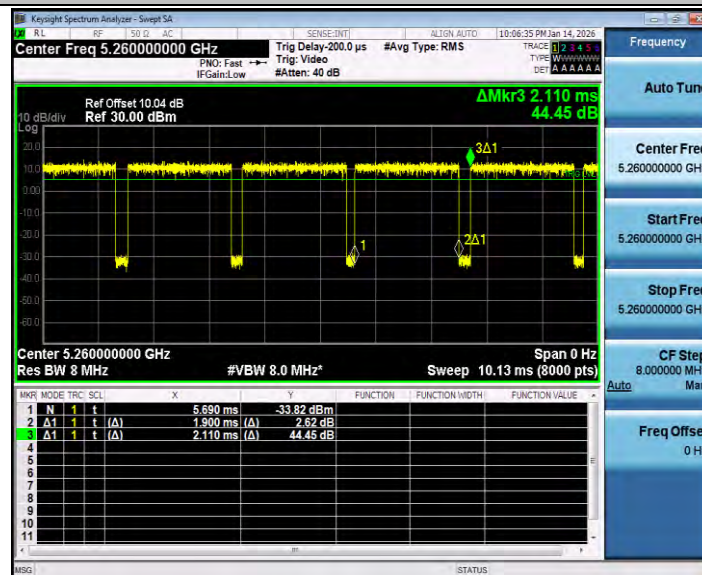
| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant1    | 5260      | 2.04                       | 2.48                     | 82.26          | 0.85                  | 0.49            |
|            |         | 5280      | 2.03                       | 2.27                     | 89.43          | 0.49                  | 0.49            |
|            |         | 5320      | 2.03                       | 2.22                     | 91.44          | 0.39                  | 0.49            |
| 11N20SISO  | Ant1    | 5260      | 1.90                       | 2.11                     | 90.05          | 0.46                  | 0.53            |
|            |         | 5280      | 1.89                       | 2.05                     | 92.20          | 0.35                  | 0.53            |
|            |         | 5320      | 1.89                       | 2.10                     | 90.00          | 0.46                  | 0.53            |
| 11N40SISO  | Ant1    | 5270      | 0.94                       | 1.16                     | 81.03          | 0.91                  | 1.06            |
|            |         | 5310      | 0.94                       | 1.16                     | 81.03          | 0.91                  | 1.06            |
| 11AC20SISO | Ant1    | 5260      | 1.90                       | 2.08                     | 91.35          | 0.39                  | 0.53            |
|            |         | 5280      | 1.90                       | 2.04                     | 93.14          | 0.31                  | 0.53            |
|            |         | 5320      | 1.90                       | 2.09                     | 90.91          | 0.41                  | 0.53            |
| 11AC40SISO | Ant1    | 5270      | 0.94                       | 1.39                     | 67.63          | 1.70                  | 1.06            |
|            |         | 5310      | 0.94                       | 1.17                     | 80.34          | 0.95                  | 1.06            |
| 11AC80SISO | Ant1    | 5290      | 0.45                       | 0.66                     | 68.18          | 1.66                  | 2.22            |
| 11AX20SISO | Ant1    | 5260      | 1.46                       | 1.73                     | 84.39          | 0.74                  | 0.68            |
|            |         | 5280      | 1.46                       | 1.65                     | 88.48          | 0.53                  | 0.68            |
|            |         | 5320      | 1.46                       | 1.64                     | 89.02          | 0.51                  | 0.68            |
| 11AX40SISO | Ant1    | 5270      | 0.76                       | 0.95                     | 80.00          | 0.97                  | 1.32            |
|            |         | 5310      | 0.76                       | 0.99                     | 76.77          | 1.15                  | 1.32            |
| 11AX80SISO | Ant1    | 5290      | 0.39                       | 0.63                     | 61.90          | 2.08                  | 2.56            |

Test Graphs

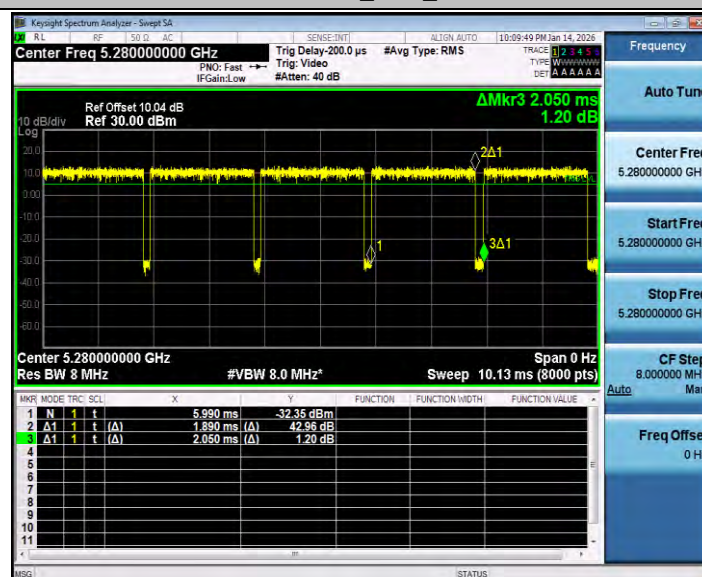




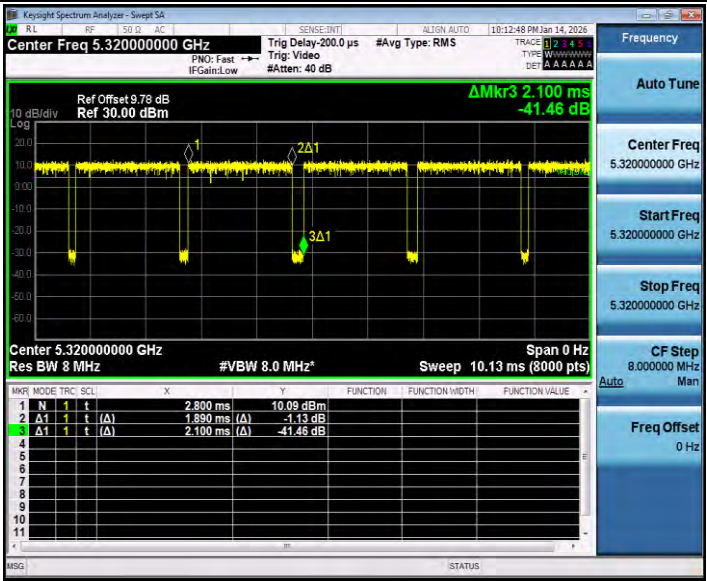
11N20SISO\_Ant1\_5260



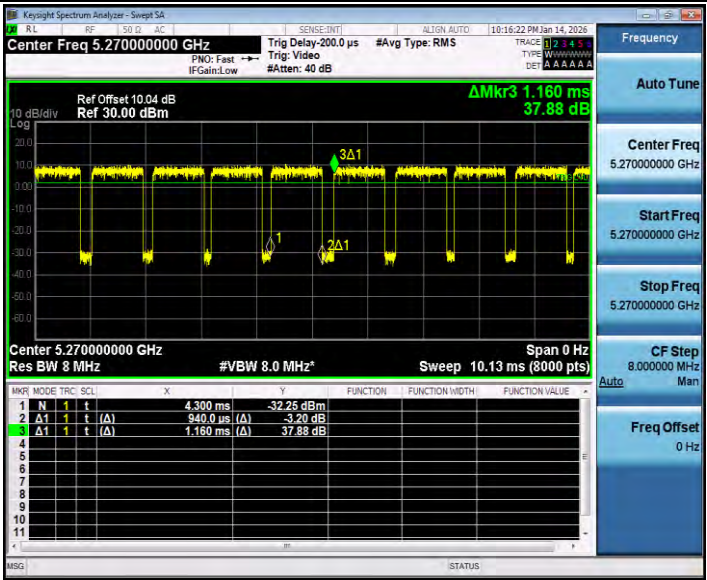
11N20SISO\_Ant1\_5280



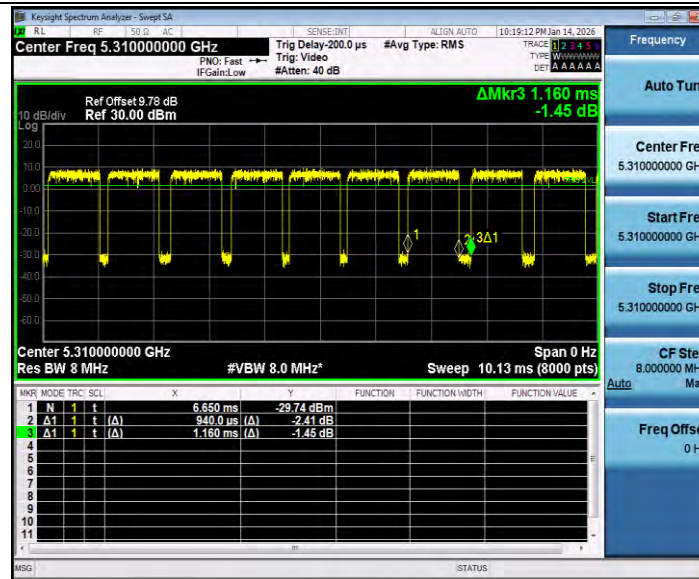
11N20SISO\_Ant1\_5320



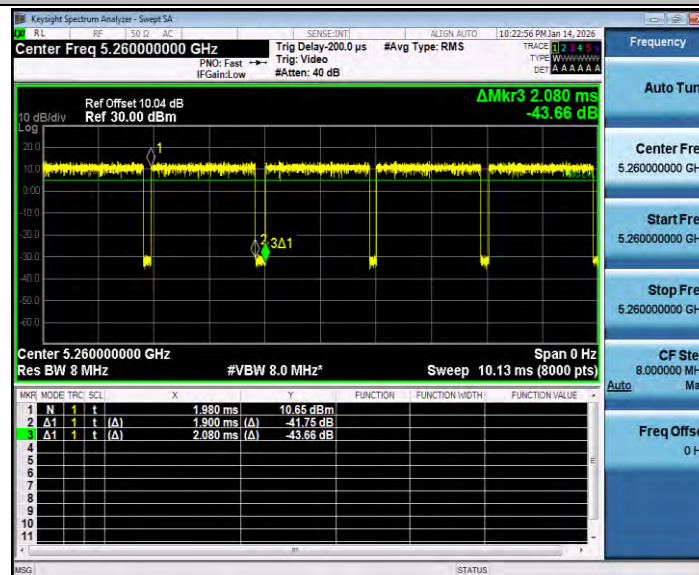
11N40SISO\_Ant1\_5270



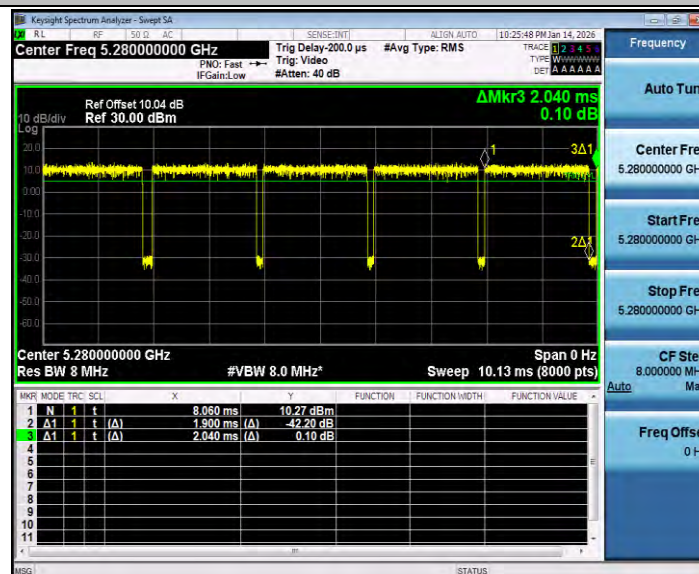
11N40SISO\_Ant1\_5310

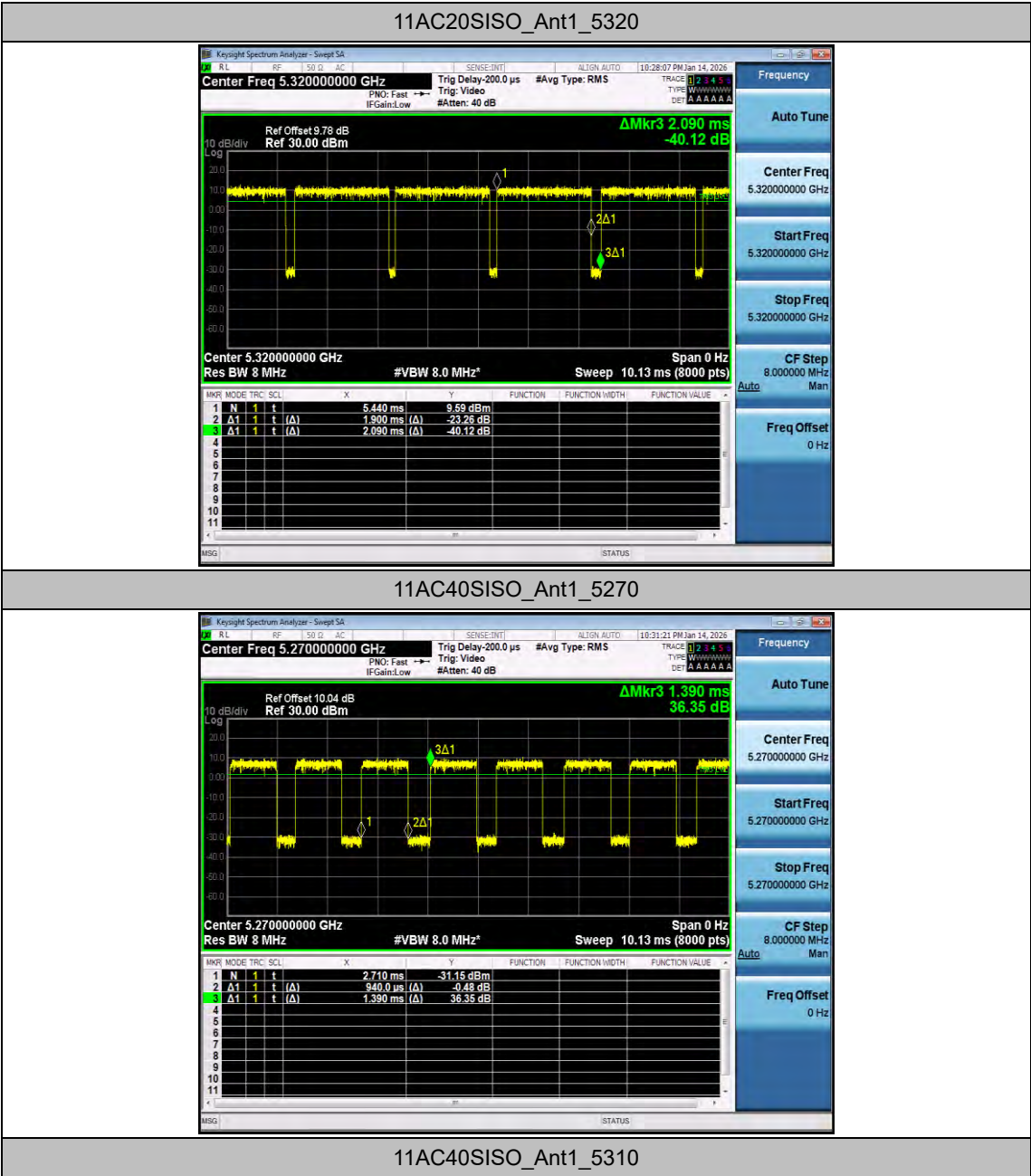


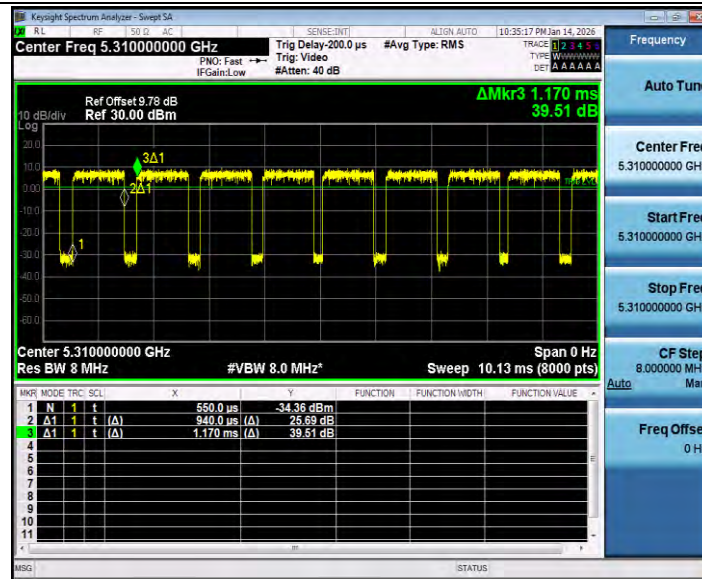
11AC20SISO\_Ant1\_5260



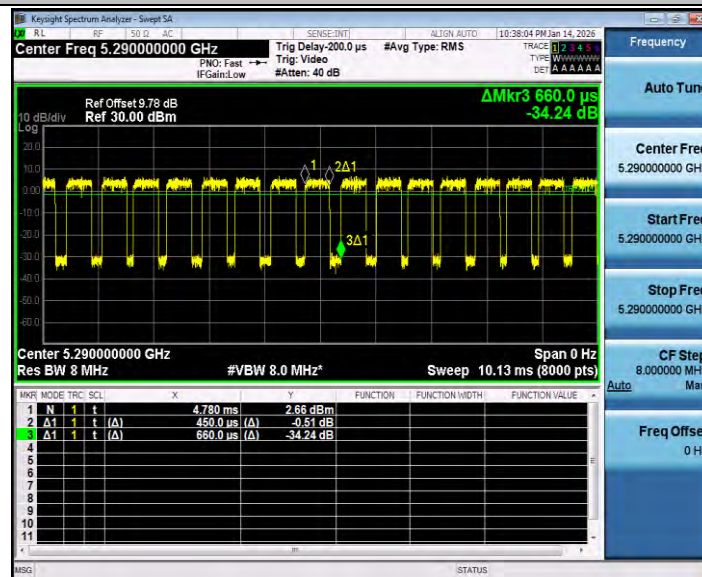
11AC20SISO\_Ant1\_5280



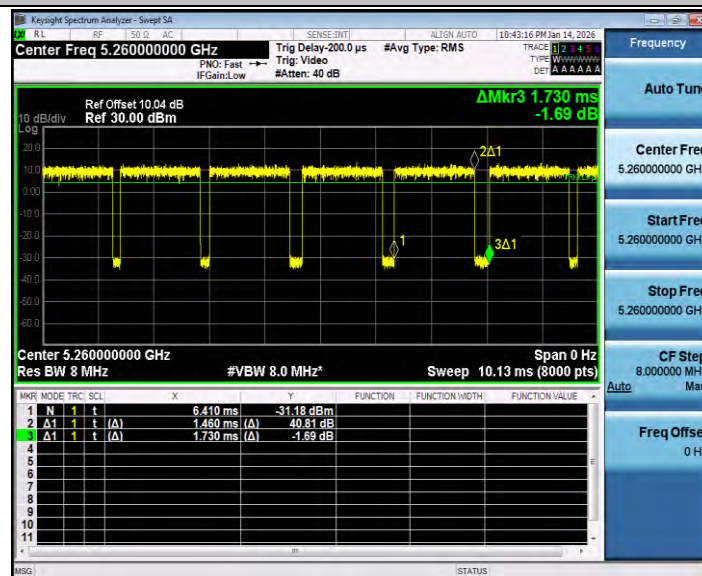


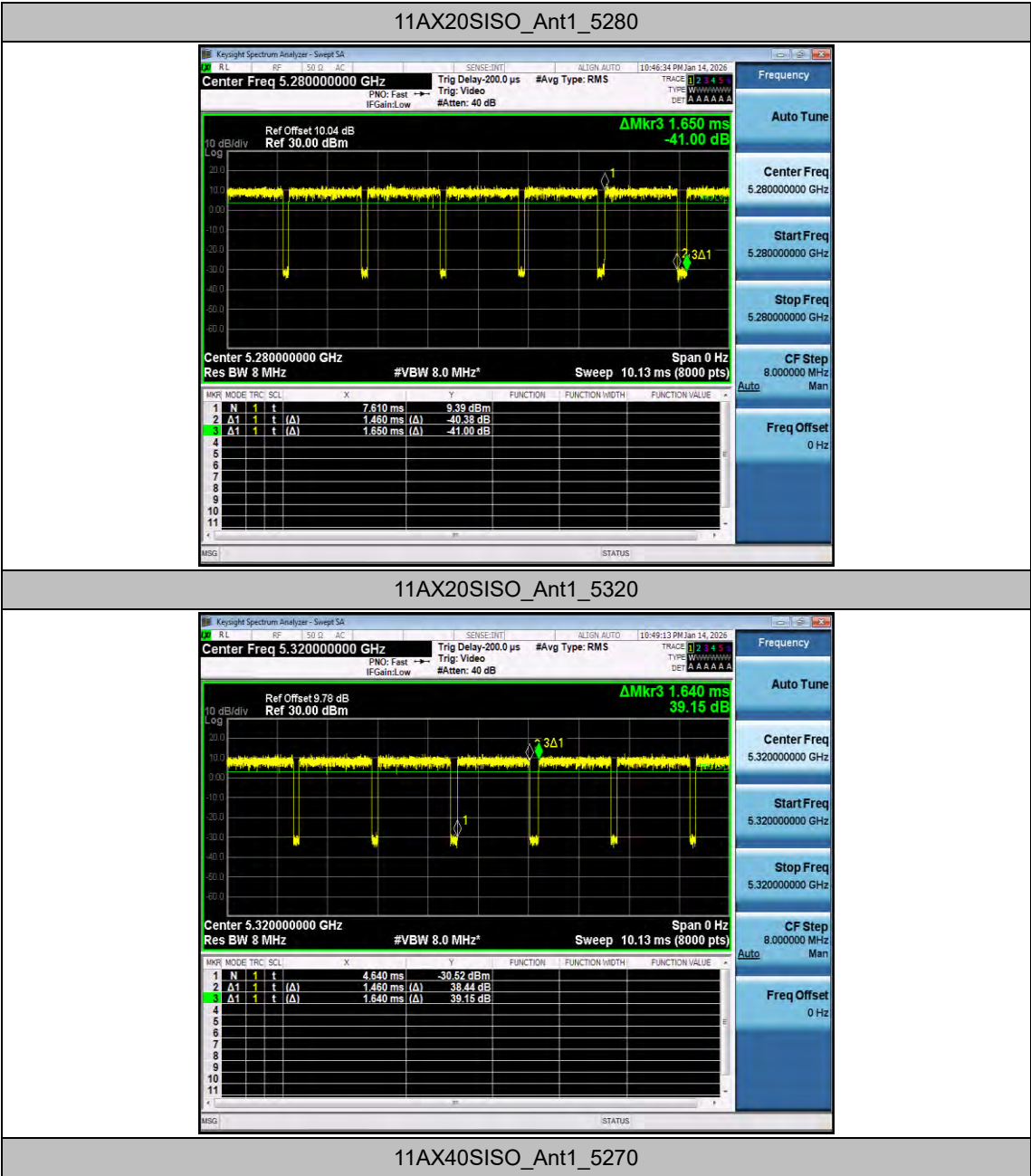


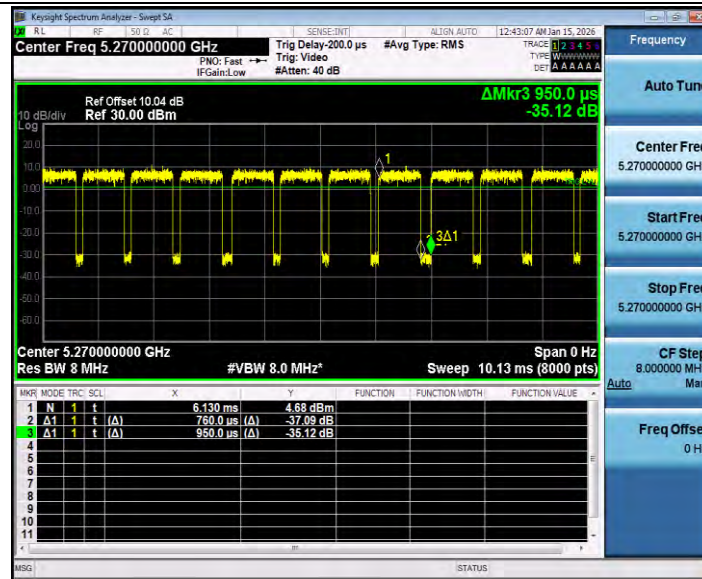
11AC80SISO\_Ant1\_5290



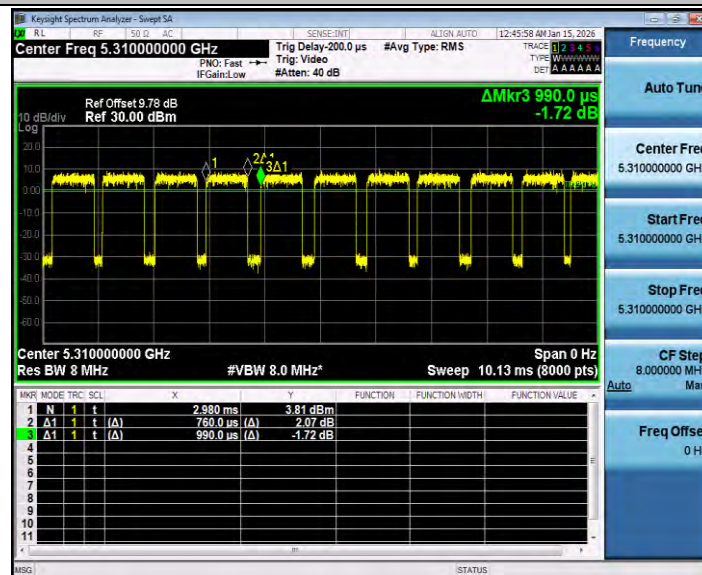
11AX20SISO\_Ant1\_5260



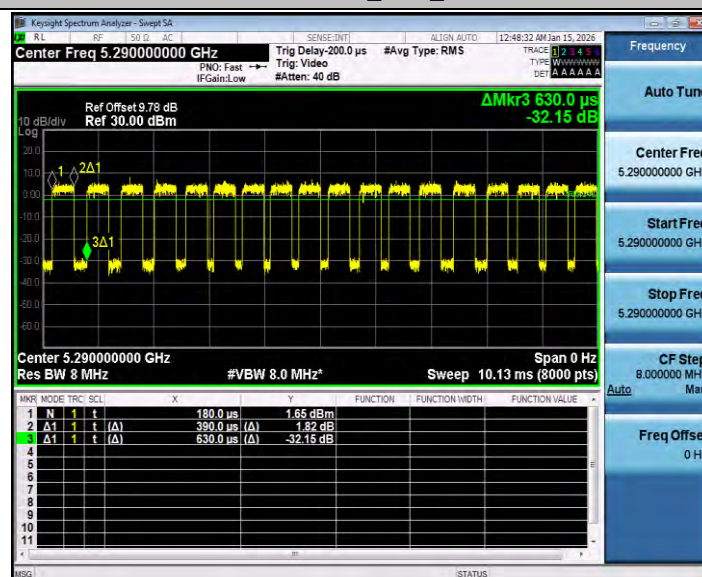




11AX40ISO\_Ant1\_5310



11AX80ISO\_Ant1\_5290



## Appendix E.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        | Ant1    | 5260      | 13.95               | 82.26          | 0.85            | 14.80        | ≤23.98      | PASS    |
|            |         | 5280      | 13.50               | 89.43          | 0.49            | 13.99        | ≤23.98      | PASS    |
|            |         | 5320      | 12.81               | 91.44          | 0.39            | 13.20        | ≤23.98      | PASS    |
| 11N20SISO  | Ant1    | 5260      | 13.75               | 90.05          | 0.46            | 14.21        | ≤23.98      | PASS    |
|            |         | 5280      | 13.40               | 92.20          | 0.35            | 13.75        | ≤23.98      | PASS    |
|            |         | 5320      | 12.59               | 90.00          | 0.46            | 13.05        | ≤23.98      | PASS    |
| 11N40SISO  | Ant1    | 5270      | 12.67               | 81.03          | 0.91            | 13.58        | ≤23.98      | PASS    |
|            |         | 5310      | 12.35               | 81.03          | 0.91            | 13.26        | ≤23.98      | PASS    |
| 11AC20SISO | Ant1    | 5260      | 13.81               | 91.35          | 0.39            | 14.20        | ≤23.98      | PASS    |
|            |         | 5280      | 13.42               | 93.14          | 0.31            | 13.73        | ≤23.98      | PASS    |
|            |         | 5320      | 12.60               | 90.91          | 0.41            | 13.01        | ≤23.98      | PASS    |
| 11AC40SISO | Ant1    | 5270      | 11.90               | 67.63          | 1.70            | 13.60        | ≤23.98      | PASS    |
|            |         | 5310      | 11.71               | 80.34          | 0.95            | 12.66        | ≤23.98      | PASS    |
| 11AC80SISO | Ant1    | 5290      | 12.01               | 68.18          | 1.66            | 13.67        | ≤23.98      | PASS    |
| 11AX20SISO | Ant1    | 5260      | 12.60               | 84.39          | 0.74            | 13.34        | ≤23.98      | PASS    |
|            |         | 5280      | 12.37               | 88.48          | 0.53            | 12.90        | ≤23.98      | PASS    |
|            |         | 5320      | 11.48               | 89.02          | 0.51            | 11.99        | ≤23.98      | PASS    |
| 11AX40SISO | Ant1    | 5270      | 11.28               | 80.00          | 0.97            | 12.25        | ≤23.98      | PASS    |
|            |         | 5310      | 11.05               | 76.77          | 1.15            | 12.20        | ≤23.98      | PASS    |
| 11AX80SISO | Ant1    | 5290      | 10.71               | 61.90          | 2.08            | 12.79        | ≤23.98      | PASS    |

## Appendix E.5: Maximum power spectral density

### Test Result

| TestMode   | Antenna | Freq(MHz) | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|-----------|------------------|----------------|---------|
| 11A        | Ant1    | 5260      | 3.72             | ≤11.00         | PASS    |
|            |         | 5280      | 2.87             | ≤11.00         | PASS    |
|            |         | 5320      | 2.08             | ≤11.00         | PASS    |
| 11N20SISO  | Ant1    | 5260      | 2.95             | ≤11.00         | PASS    |
|            |         | 5280      | 2.47             | ≤11.00         | PASS    |
|            |         | 5320      | 1.77             | ≤11.00         | PASS    |
| 11N40SISO  | Ant1    | 5270      | -0.06            | ≤11.00         | PASS    |
|            |         | 5310      | -0.77            | ≤11.00         | PASS    |
| 11AC20SISO | Ant1    | 5260      | 2.85             | ≤11.00         | PASS    |
|            |         | 5280      | 2.39             | ≤11.00         | PASS    |
|            |         | 5320      | 1.74             | ≤11.00         | PASS    |
| 11AC40SISO | Ant1    | 5270      | 0.16             | ≤11.00         | PASS    |
|            |         | 5310      | -0.67            | ≤11.00         | PASS    |
| 11AC80SISO | Ant1    | 5290      | -3.19            | ≤11.00         | PASS    |
| 11AX20SISO | Ant1    | 5260      | 1.92             | ≤11.00         | PASS    |
|            |         | 5280      | 1.31             | ≤11.00         | PASS    |
|            |         | 5320      | 0.49             | ≤11.00         | PASS    |
| 11AX40SISO | Ant1    | 5270      | -2.06            | ≤11.00         | PASS    |
|            |         | 5310      | -2.16            | ≤11.00         | PASS    |
| 11AX80SISO | Ant1    | 5290      | -4.36            | ≤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\_Ant1\_5260



11A\_Ant1\_5280



11A\_Ant1\_5320



11N20SISO\_Ant1\_5260



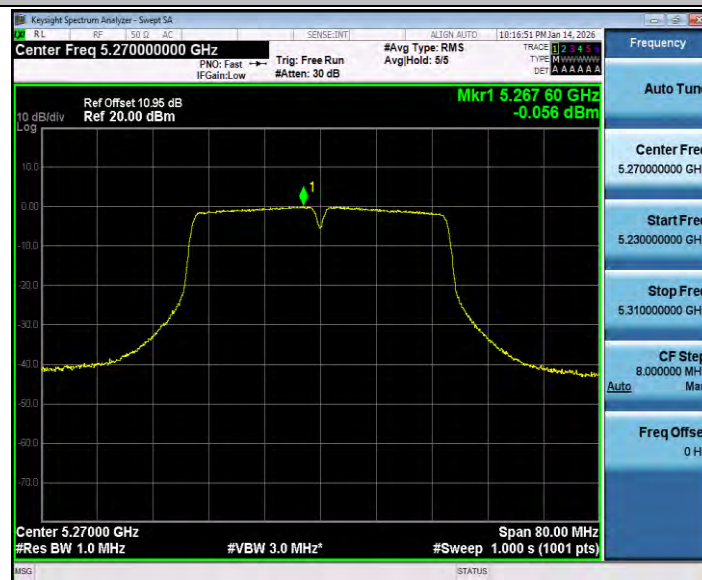
11N20SISO\_Ant1\_5280



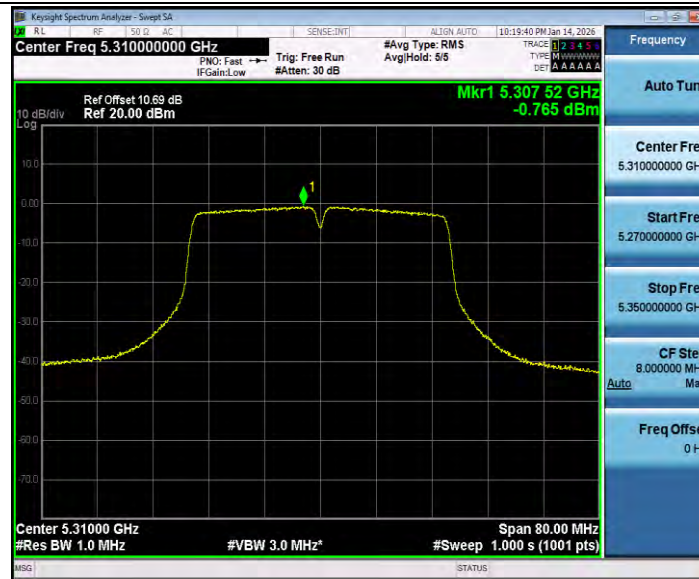
11N20SISO\_Ant1\_5320



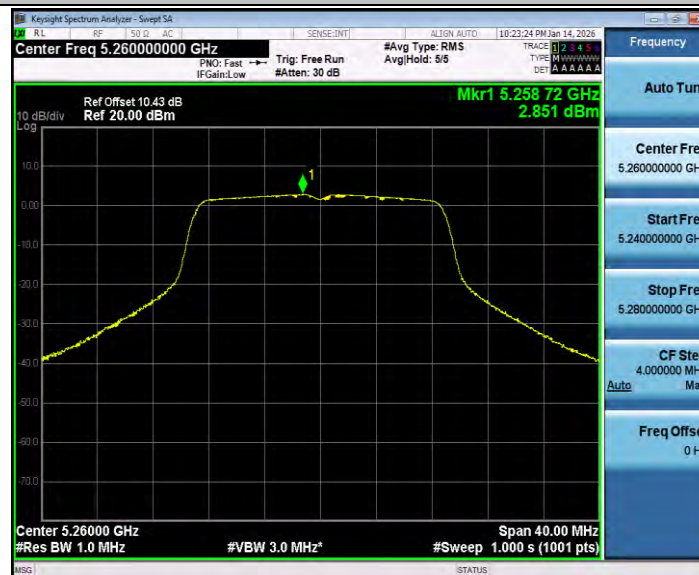
11N40SISO\_Ant1\_5270



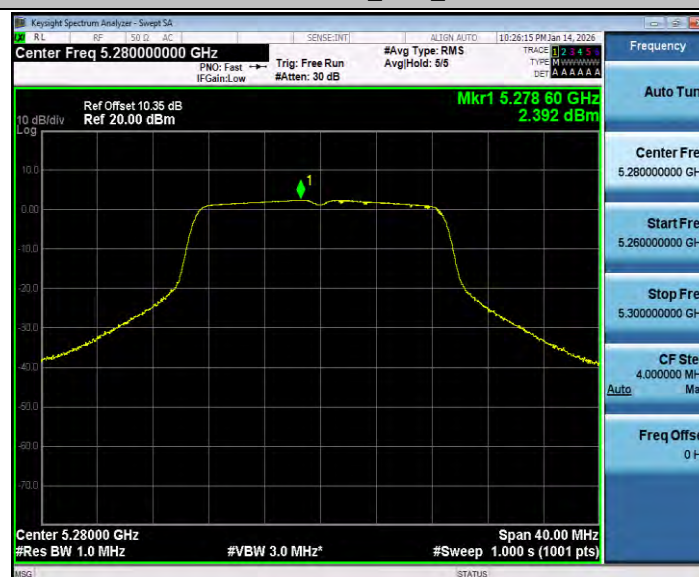
11N40SISO\_Ant1\_5310



11AC20SISO\_Ant1\_5260



11AC20SISO\_Ant1\_5280



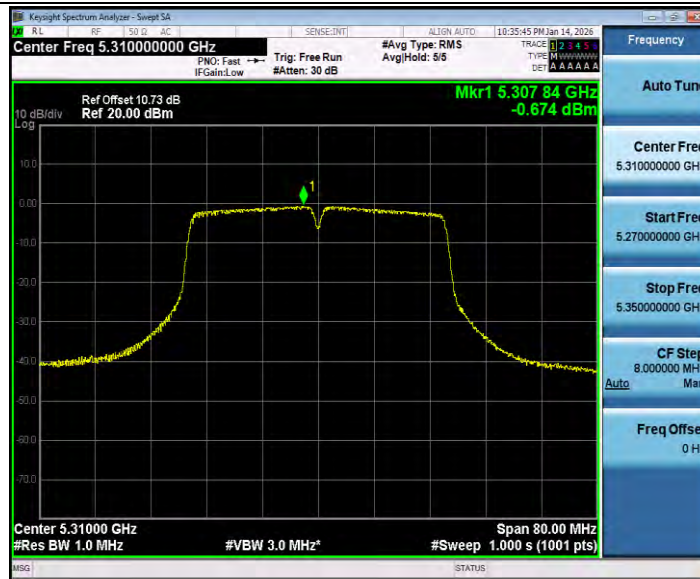
11AC20SISO\_Ant1\_5320



11AC40SISO\_Ant1\_5270



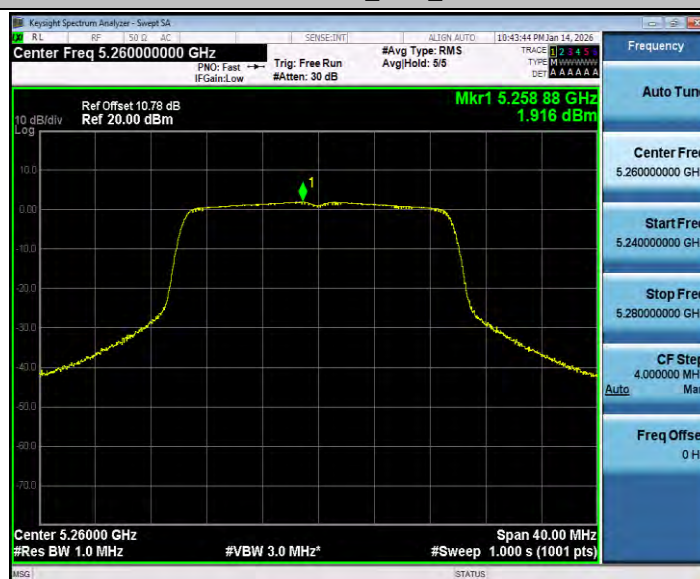
11AC40SISO\_Ant1\_5310



11AC80SISO\_Ant1\_5290



11AX20SISO\_Ant1\_5260



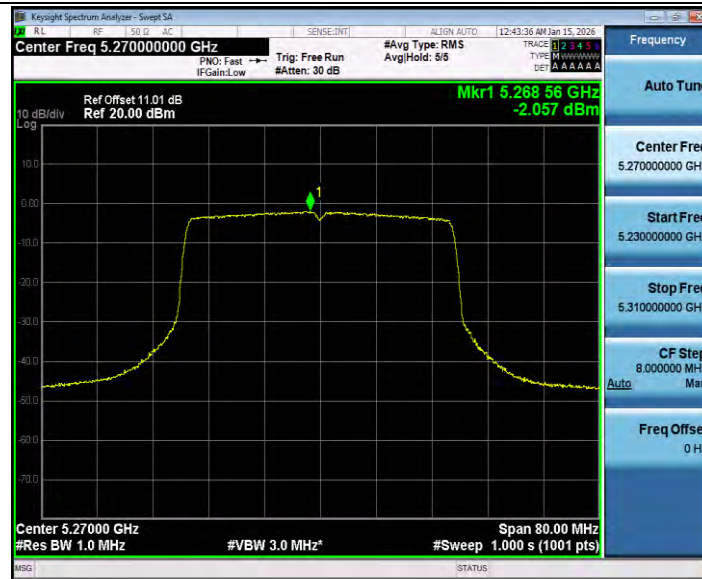
## 11AX20SISO\_Ant1\_5280



## 11AX20SISO\_Ant1\_5320



## 11AX40SISO\_Ant1\_5270



11AX40SISO\_Ant1\_5310



11AX80SISO\_Ant1\_5290

