

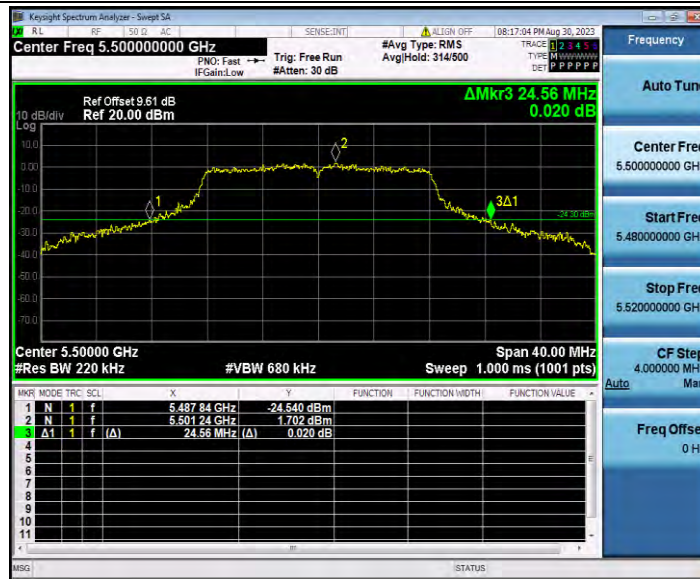
|                                                                       |                                          |
|-----------------------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20230704026-1-41</u>                          |                                          |
| <b>Ambient Condition:</b> <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa, |                                          |
| <b>Test Date:</b> <u>2023.8.30</u>                                    | <b>Test Engineer:</b> <u>Evan Ouyang</u> |

## Appendix F.1: Emission Bandwidth

### Test Result

| Test Mode  | Antenna | Frequency[MHz] | 26db<br>EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5500           | 24.560               | 5487.840 | 5512.400 | ---        | ---     |
|            |         | 5600           | 29.280               | 5585.160 | 5614.440 | ---        | ---     |
|            |         | 5700           | 32.480               | 5683.200 | 5715.680 | ---        | ---     |
| 11N20SISO  | Ant1    | 5500           | 35.080               | 5482.640 | 5517.720 | ---        | ---     |
|            |         | 5600           | 26.560               | 5585.800 | 5612.360 | ---        | ---     |
|            |         | 5700           | 26.000               | 5686.200 | 5712.200 | ---        | ---     |
| 11N40SISO  | Ant1    | 5510           | 40.000               | 5489.920 | 5529.920 | ---        | ---     |
|            |         | 5590           | 39.600               | 5570.080 | 5609.680 | ---        | ---     |
|            |         | 5670           | 46.960               | 5647.600 | 5694.560 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500           | 25.600               | 5487.320 | 5512.920 | ---        | ---     |
|            |         | 5600           | 26.440               | 5587.080 | 5613.520 | ---        | ---     |
|            |         | 5700           | 25.920               | 5686.640 | 5712.560 | ---        | ---     |
| 11AC40SISO | Ant1    | 5510           | 39.920               | 5489.920 | 5529.840 | ---        | ---     |
|            |         | 5590           | 40.240               | 5569.680 | 5609.920 | ---        | ---     |
|            |         | 5670           | 39.840               | 5650.240 | 5690.080 | ---        | ---     |
| 11AC80SISO | Ant1    | 5530           | 79.840               | 5490.000 | 5569.840 | ---        | ---     |
|            |         | 5610           | 79.520               | 5570.160 | 5649.680 | ---        | ---     |
| 11AX20SISO | Ant1    | 5500           | 26.040               | 5486.760 | 5512.800 | ---        | ---     |
|            |         | 5600           | 26.360               | 5586.480 | 5612.840 | ---        | ---     |
|            |         | 5700           | 24.800               | 5687.040 | 5711.840 | ---        | ---     |
| 11AX40SISO | Ant1    | 5510           | 40.080               | 5490.080 | 5530.160 | ---        | ---     |
|            |         | 5590           | 39.920               | 5570.080 | 5610.000 | ---        | ---     |
|            |         | 5670           | 40.160               | 5649.760 | 5689.920 | ---        | ---     |
| 11AX80SISO | Ant1    | 5530           | 79.840               | 5490.000 | 5569.840 | ---        | ---     |
|            |         | 5610           | 80.160               | 5569.840 | 5650.000 | ---        | ---     |

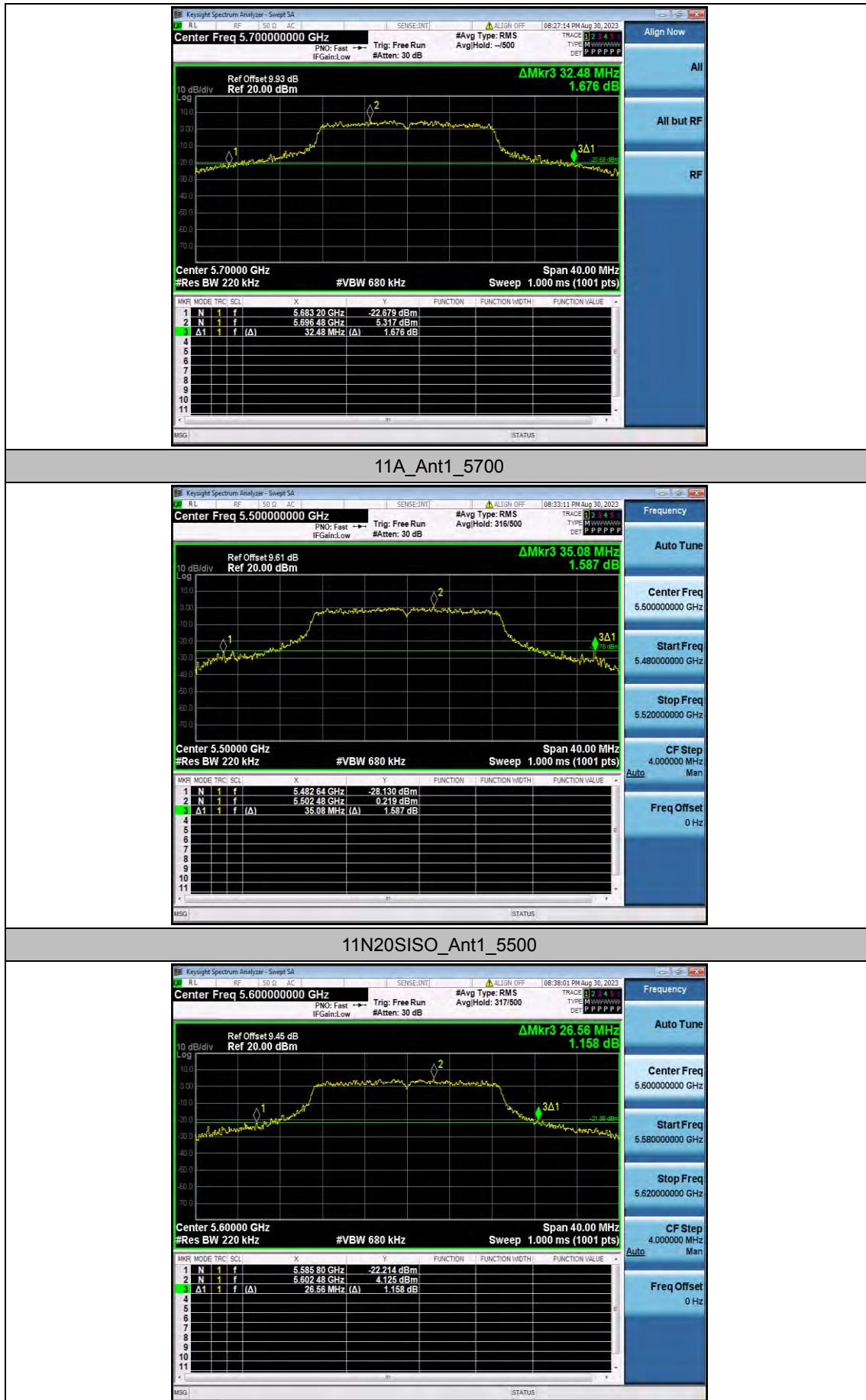
## Test Graphs



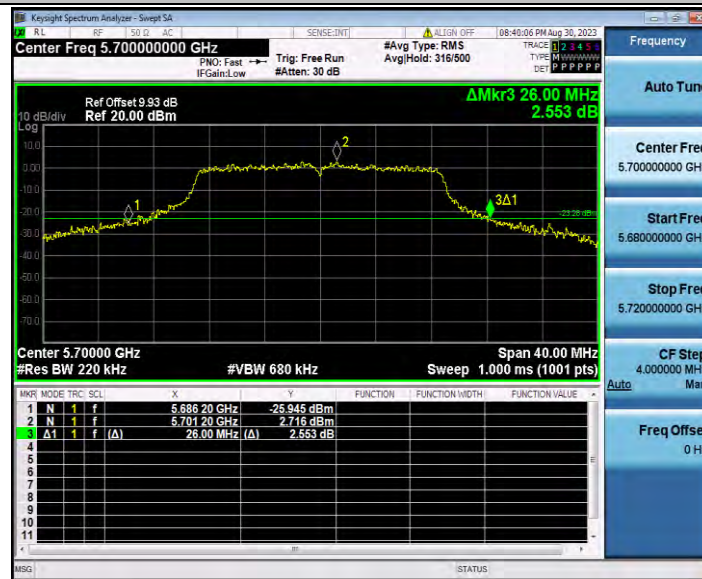
11A\_Ant1\_5500



11A\_Ant1\_5600



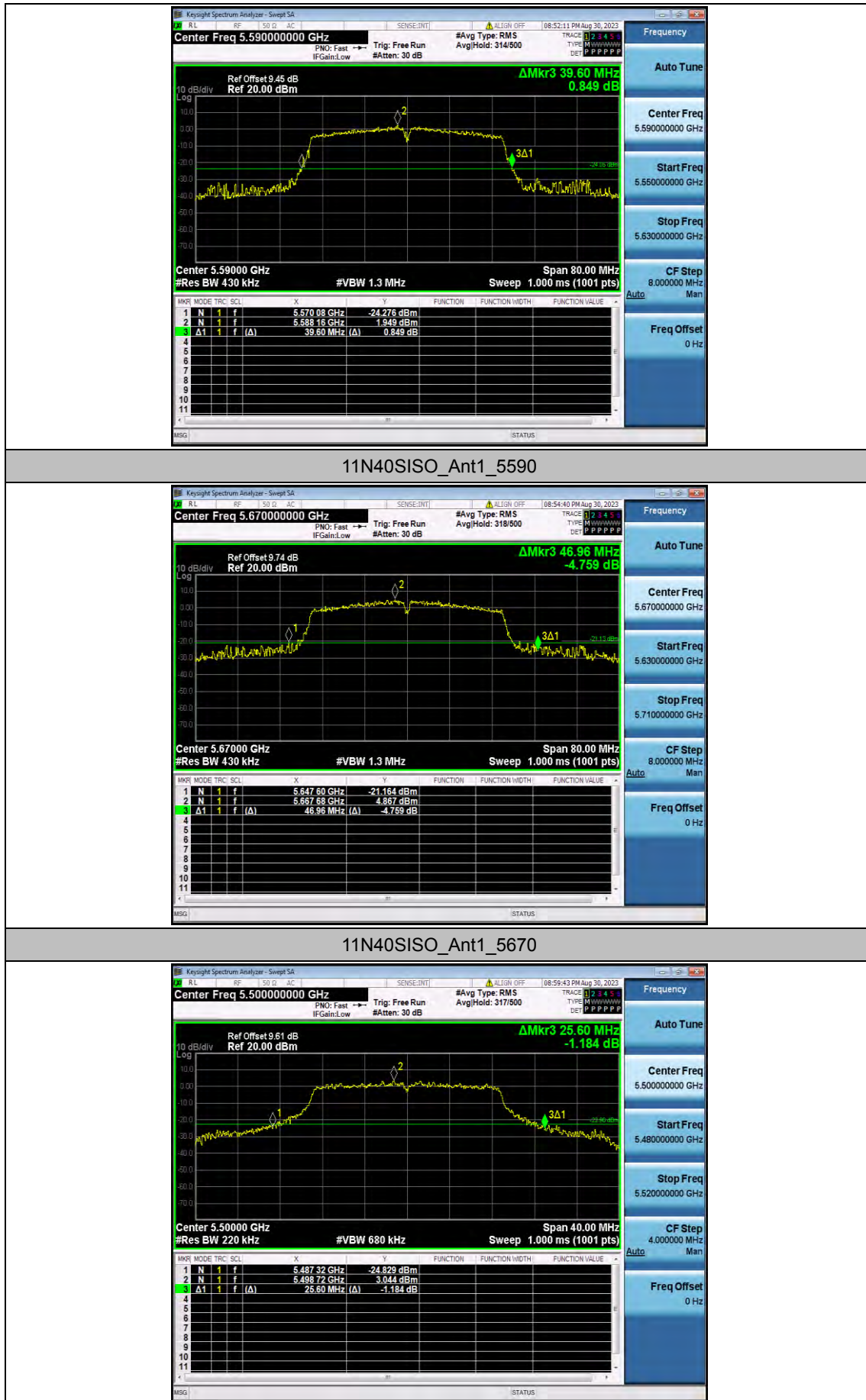
## 11N20SISO\_Ant1\_5600



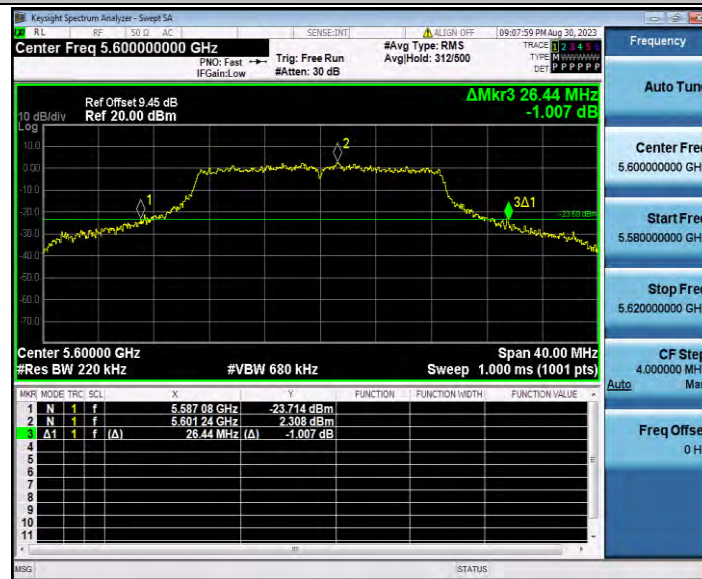
## 11N20SISO\_Ant1\_5700



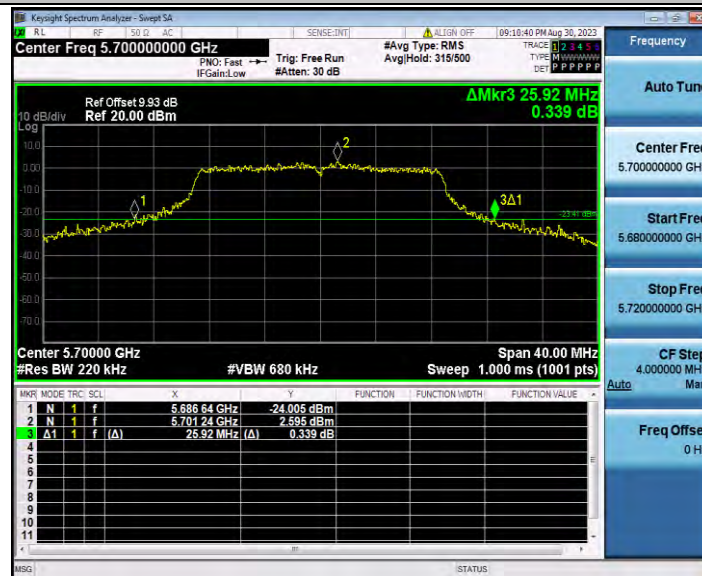
## 11N40SISO\_Ant1\_5510



## 11AC20SISO\_Ant1\_5500



## 11AC20SISO\_Ant1\_5600



## 11AC20SISO\_Ant1\_5700



## 11AC40SISO\_Ant1\_5670



## 11AC80SISO\_Ant1\_5530



## 11AC80SISO\_Ant1\_5610



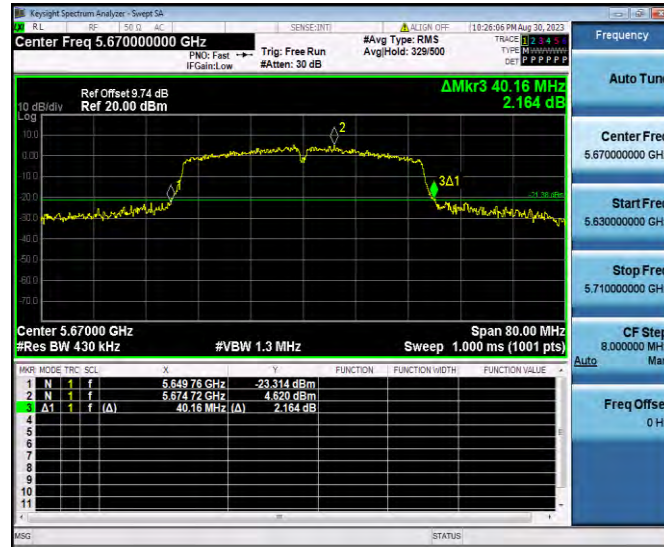
## 11AX20SISO\_Ant1\_5700



## 11AX40SISO\_Ant1\_5510



## 11AX40SISO\_Ant1\_5590



11AX40SISO\_Ant1\_5670



11AX80SISO\_Ant1\_5530



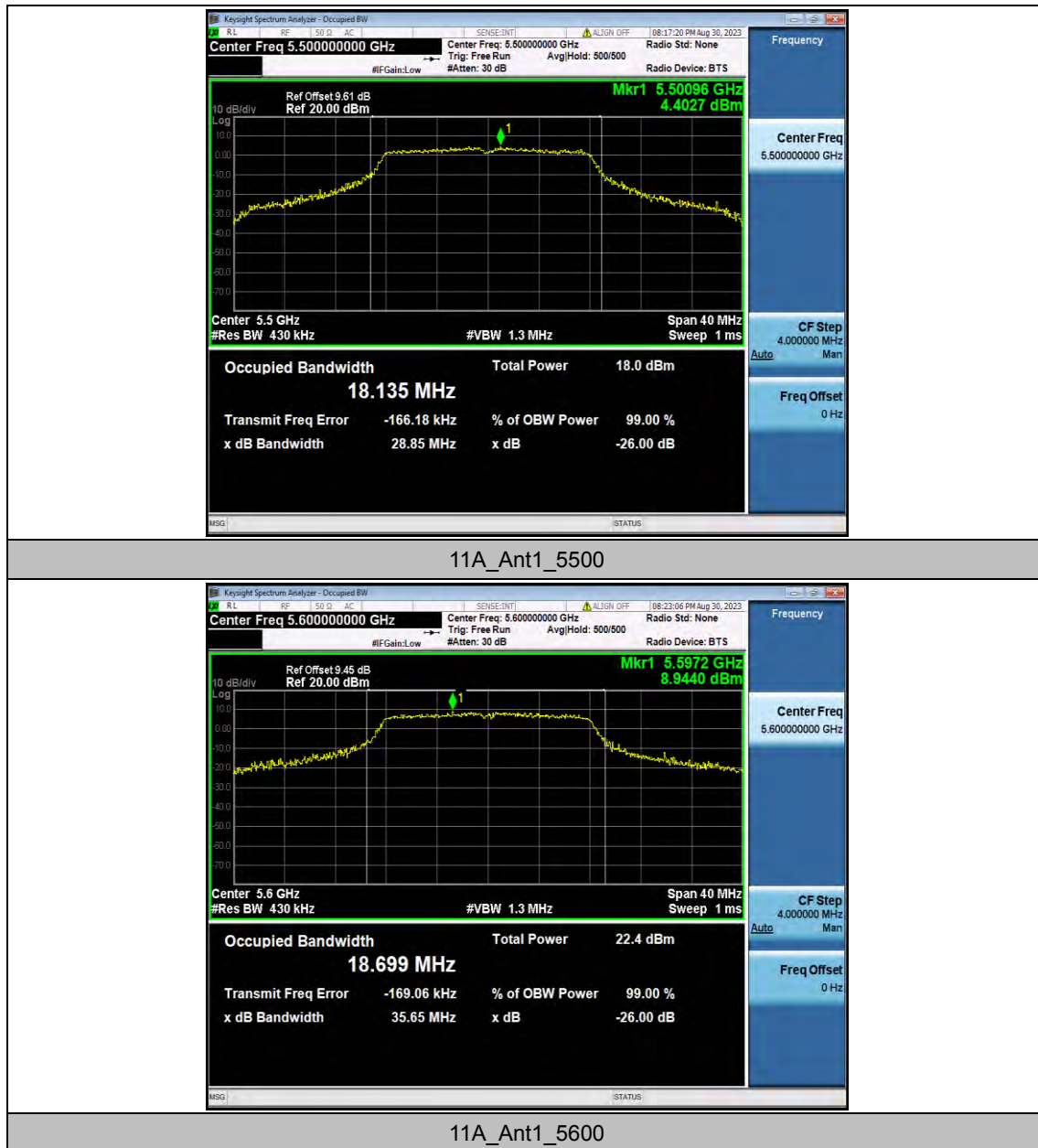
11AX80SISO\_Ant1\_5610

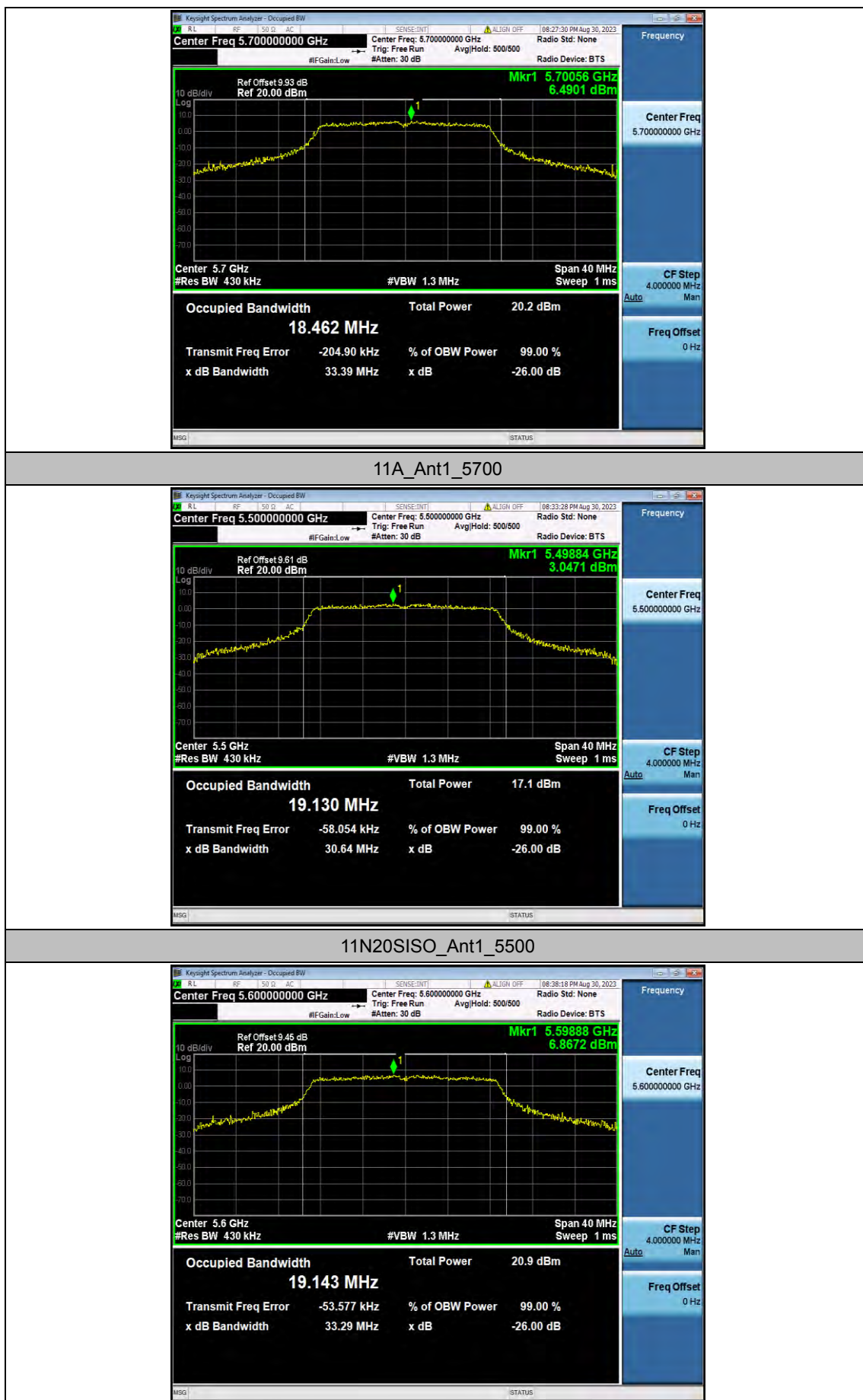
## Appendix F.2: Occupied channel bandwidth

### Test Result

| Test Mode  | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A        | Ant1    | 5500           | 18.135    | 5490.766 | 5508.901 | ---        | ---     |
|            |         | 5600           | 18.699    | 5590.481 | 5609.180 | ---        | ---     |
|            |         | 5700           | 18.462    | 5690.564 | 5709.026 | ---        | ---     |
| 11N20SISO  | Ant1    | 5500           | 19.130    | 5490.377 | 5509.507 | ---        | ---     |
|            |         | 5600           | 19.143    | 5590.375 | 5609.518 | ---        | ---     |
|            |         | 5700           | 19.163    | 5690.273 | 5709.436 | ---        | ---     |
| 11N40SISO  | Ant1    | 5510           | 36.022    | 5491.956 | 5527.978 | ---        | ---     |
|            |         | 5590           | 36.133    | 5571.871 | 5608.004 | ---        | ---     |
|            |         | 5670           | 36.257    | 5651.817 | 5688.074 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500           | 19.177    | 5490.266 | 5509.443 | ---        | ---     |
|            |         | 5600           | 19.038    | 5590.373 | 5609.411 | ---        | ---     |
|            |         | 5700           | 19.191    | 5690.227 | 5709.418 | ---        | ---     |
| 11AC40SISO | Ant1    | 5510           | 36.124    | 5491.882 | 5528.006 | ---        | ---     |
|            |         | 5590           | 36.109    | 5571.900 | 5608.009 | ---        | ---     |
|            |         | 5670           | 36.197    | 5651.852 | 5688.049 | ---        | ---     |
| 11AC80SISO | Ant1    | 5530           | 75.294    | 5492.359 | 5567.653 | ---        | ---     |
|            |         | 5610           | 75.342    | 5572.422 | 5647.764 | ---        | ---     |
| 11AX20SISO | Ant1    | 5500           | 19.201    | 5490.290 | 5509.491 | ---        | ---     |
|            |         | 5600           | 19.086    | 5590.316 | 5609.402 | ---        | ---     |
|            |         | 5700           | 19.107    | 5690.275 | 5709.382 | ---        | ---     |
| 11AX40SISO | Ant1    | 5510           | 36.109    | 5491.919 | 5528.028 | ---        | ---     |
|            |         | 5590           | 36.003    | 5571.960 | 5607.963 | ---        | ---     |
|            |         | 5670           | 36.119    | 5651.895 | 5688.014 | ---        | ---     |
| 11AX80SISO | Ant1    | 5530           | 75.189    | 5492.420 | 5567.609 | ---        | ---     |
|            |         | 5610           | 75.315    | 5572.427 | 5647.742 | ---        | ---     |

## Test Graphs





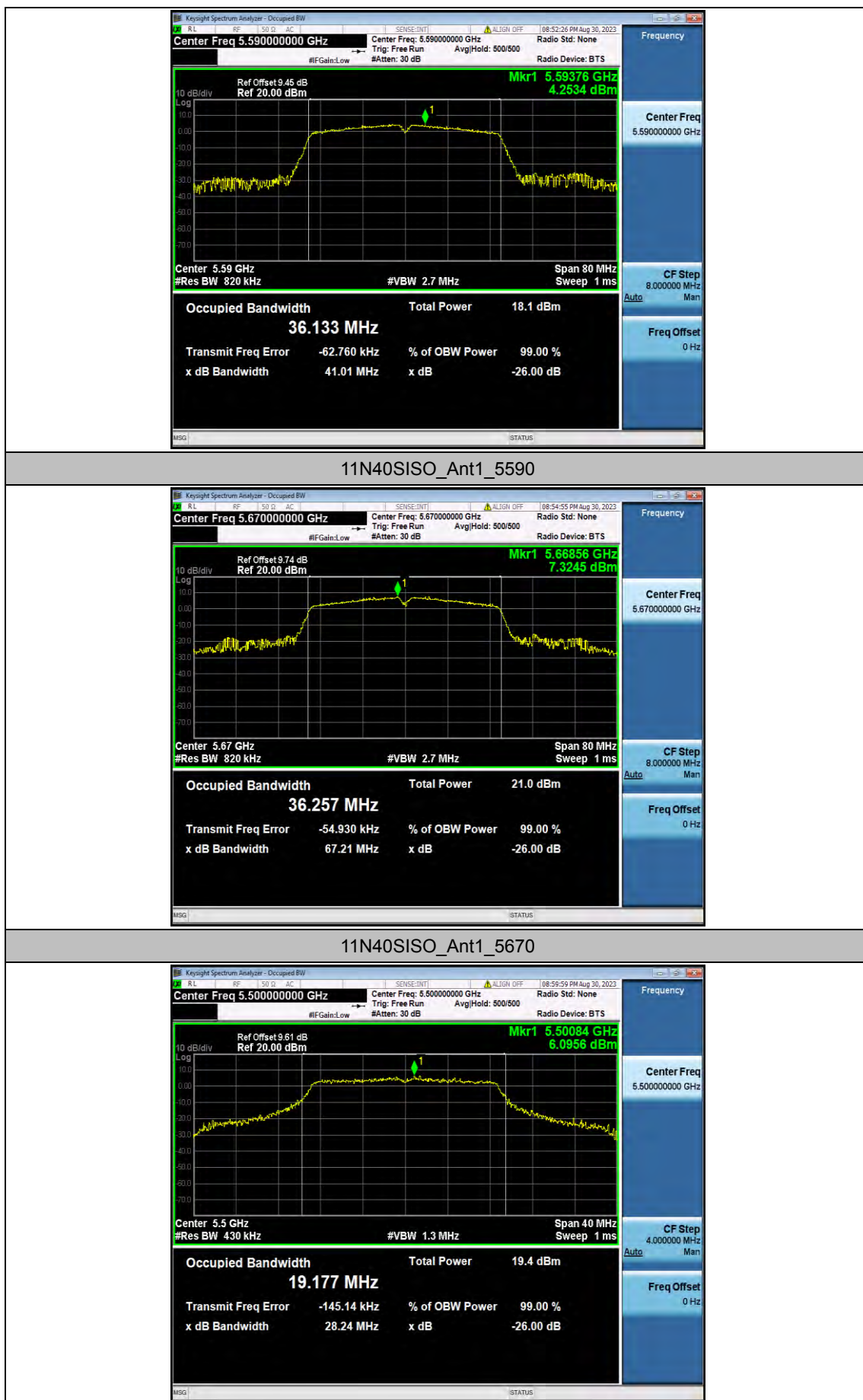
## 11N20SISO\_Ant1\_5600



## 11N20SISO\_Ant1\_5700



## 11N40SISO\_Ant1\_5510



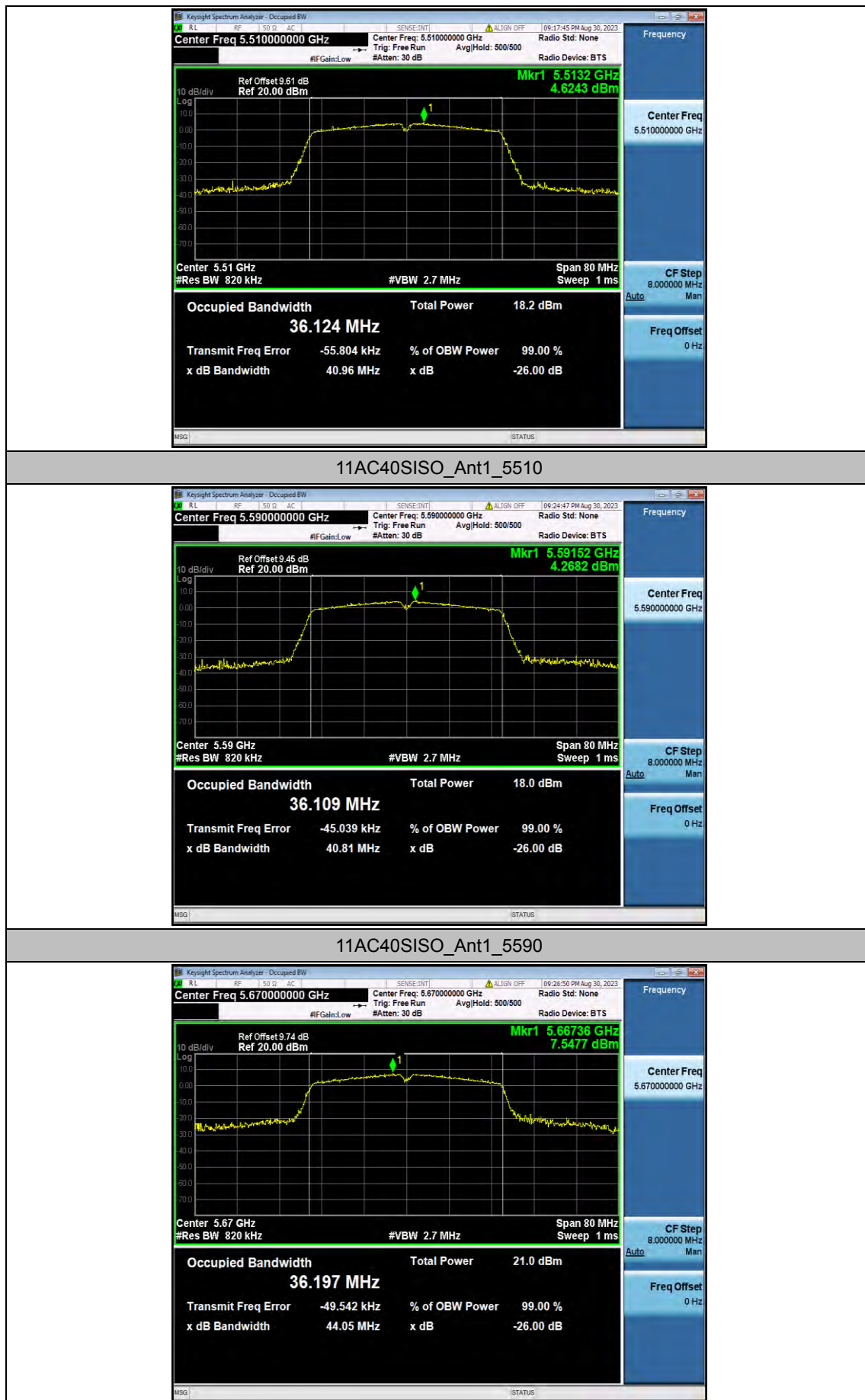
## 11AC20SISO\_Ant1\_5500



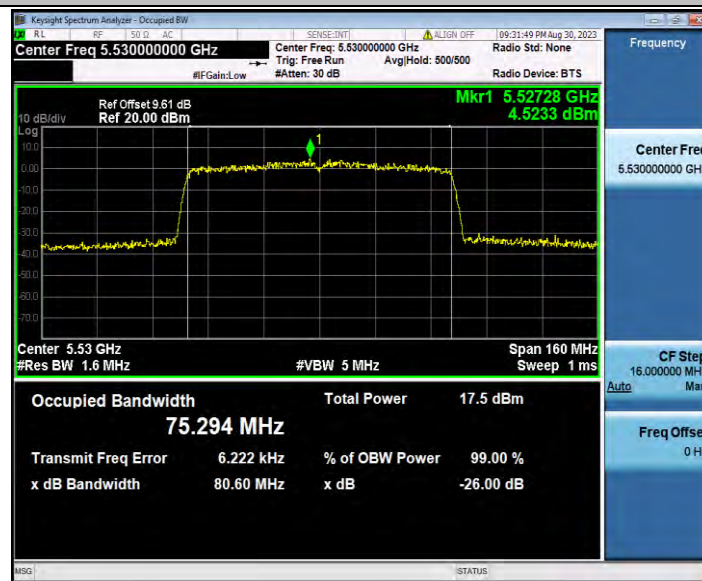
## 11AC20SISO\_Ant1\_5600



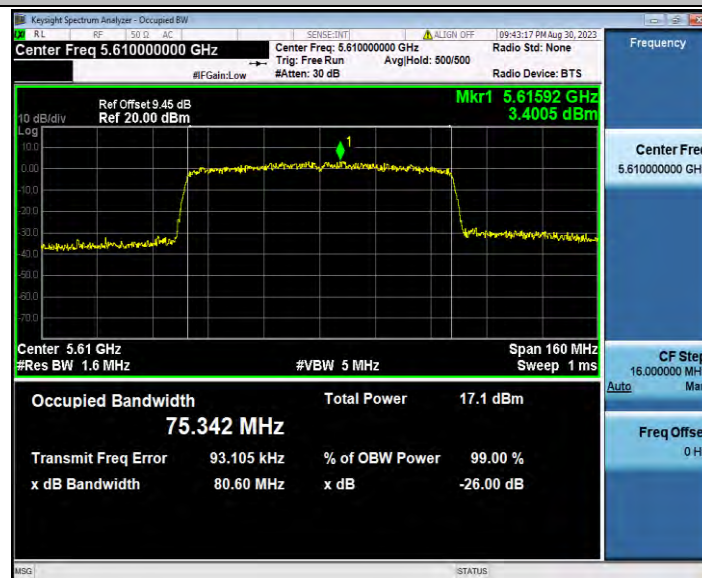
## 11AC20SISO\_Ant1\_5700



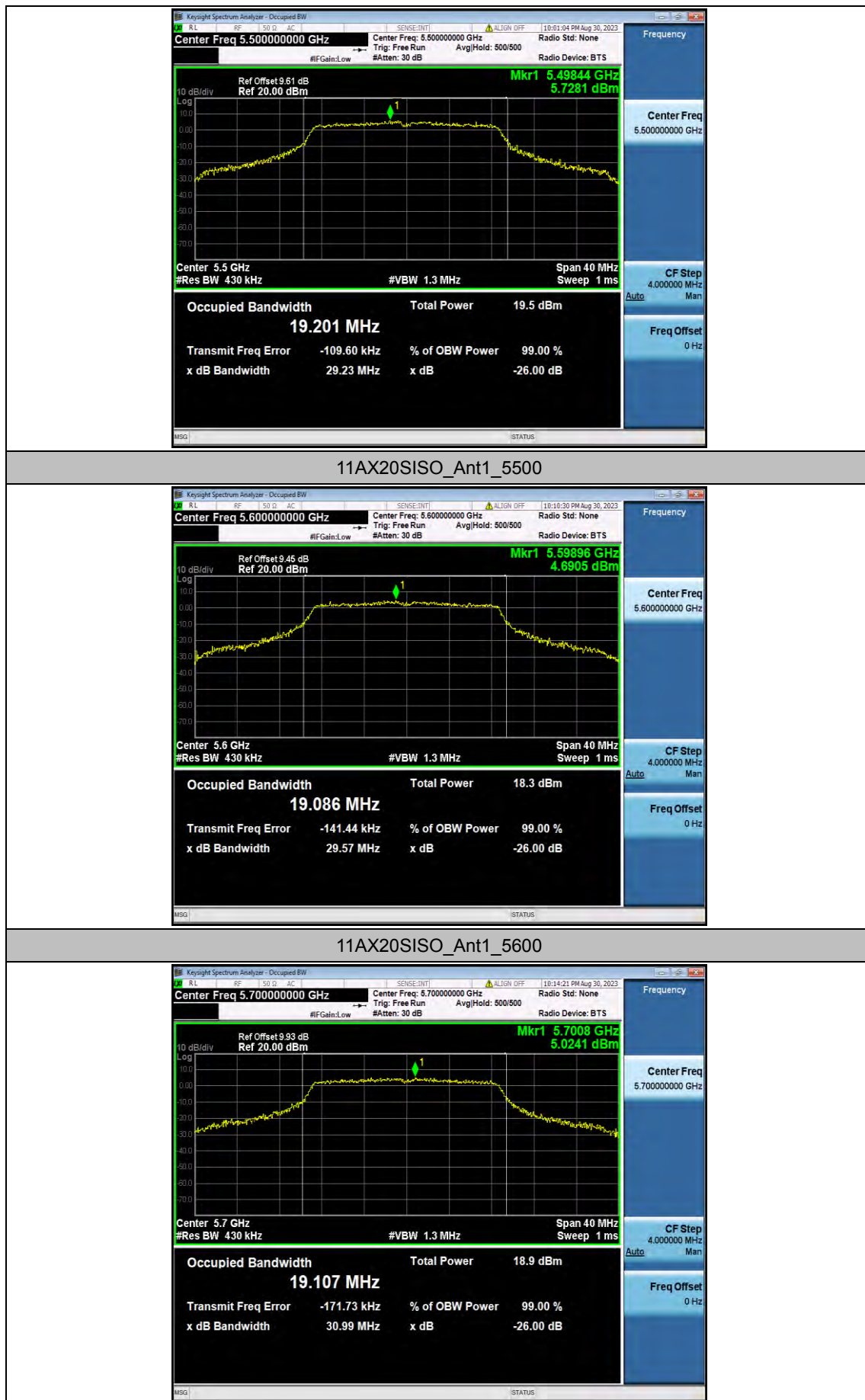
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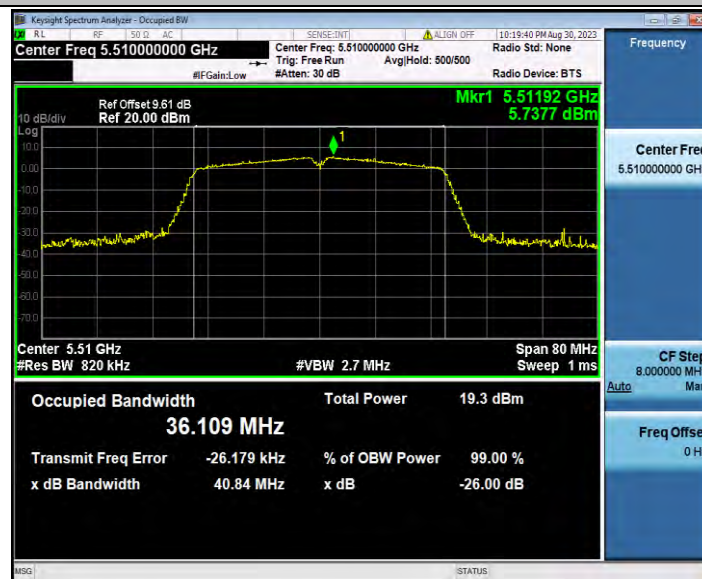
## 11AC80SISO\_Ant1\_5530



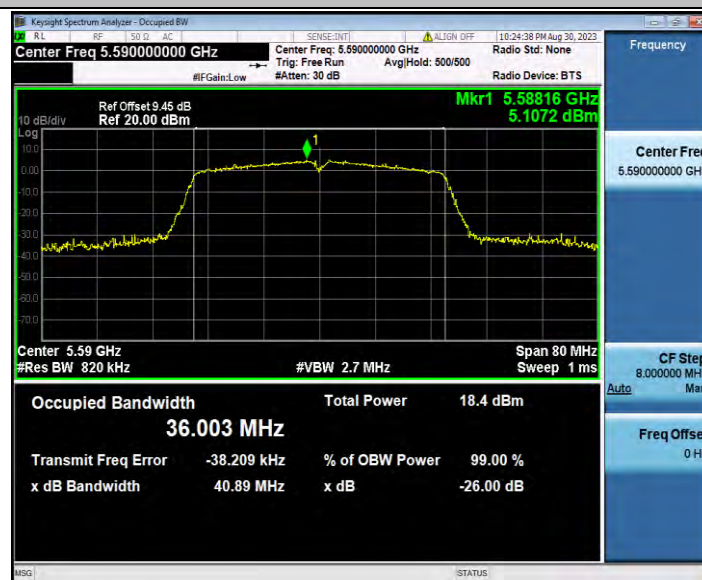
## 11AC80SISO\_Ant1\_5610



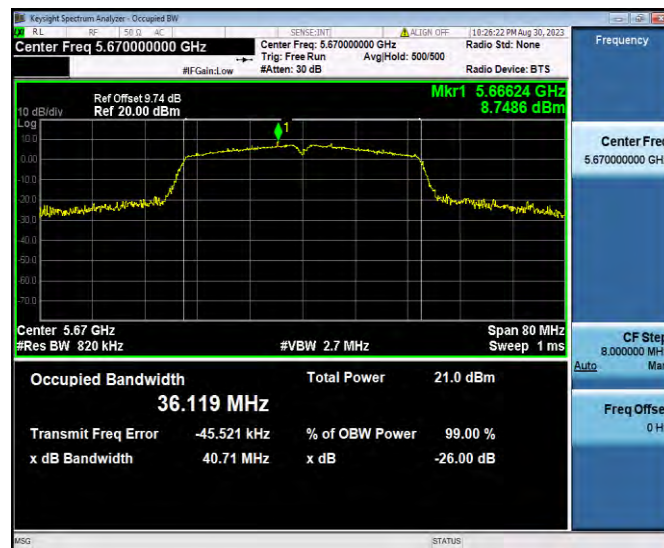
## 11AX20SISO\_Ant1\_5700



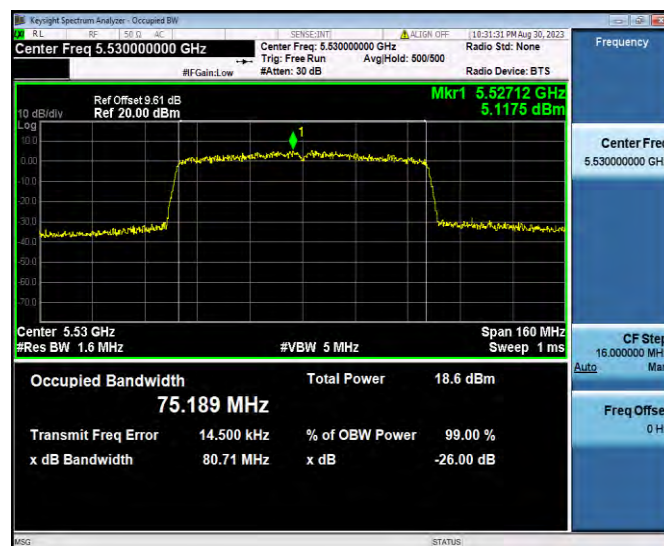
## 11AX40SISO\_Ant1\_5510



## 11AX40SISO\_Ant1\_5590



11AX40SISO\_Ant1\_5670



11AX80SISO\_Ant1\_5530



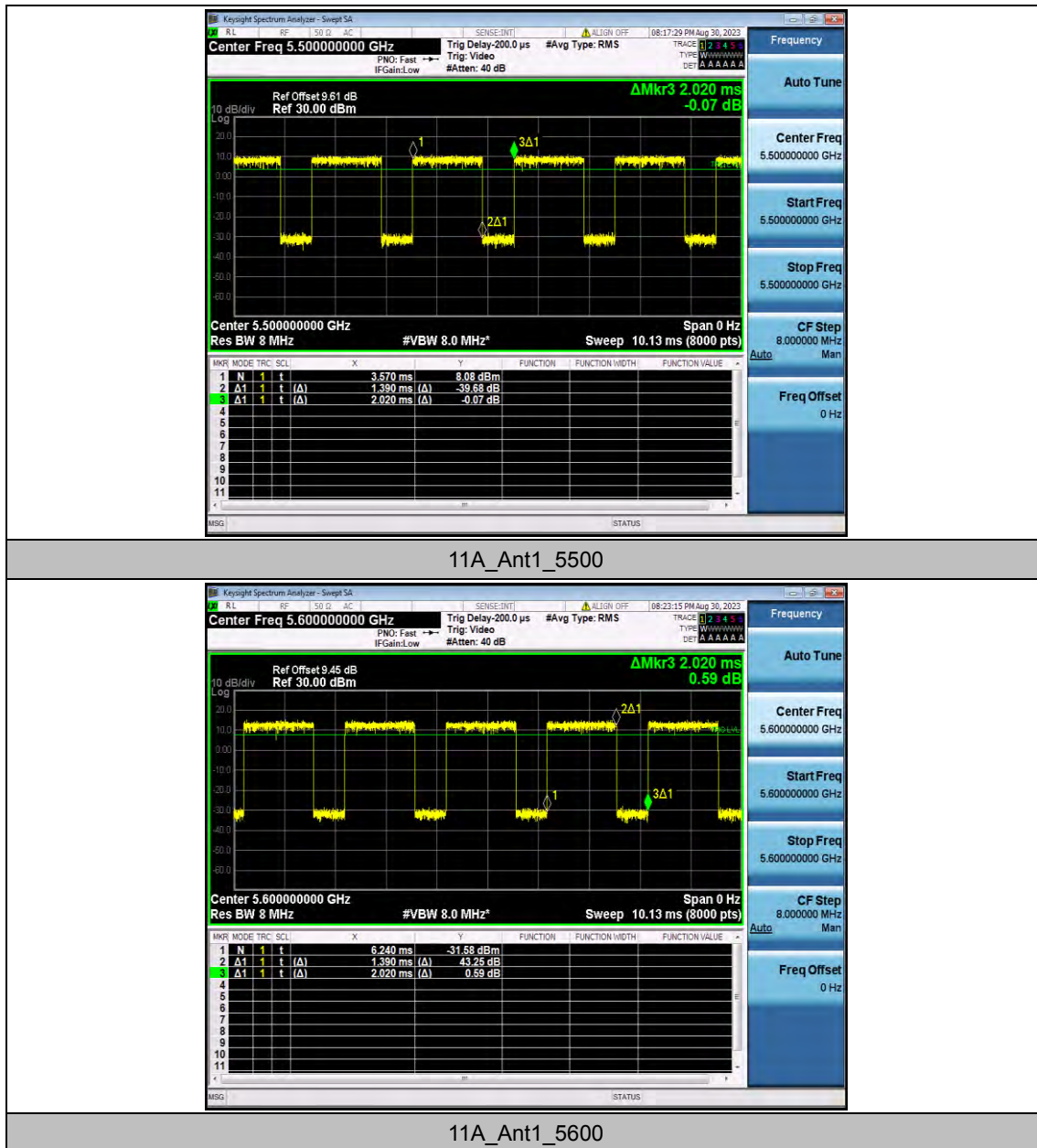
11AX80SISO\_Ant1\_5610

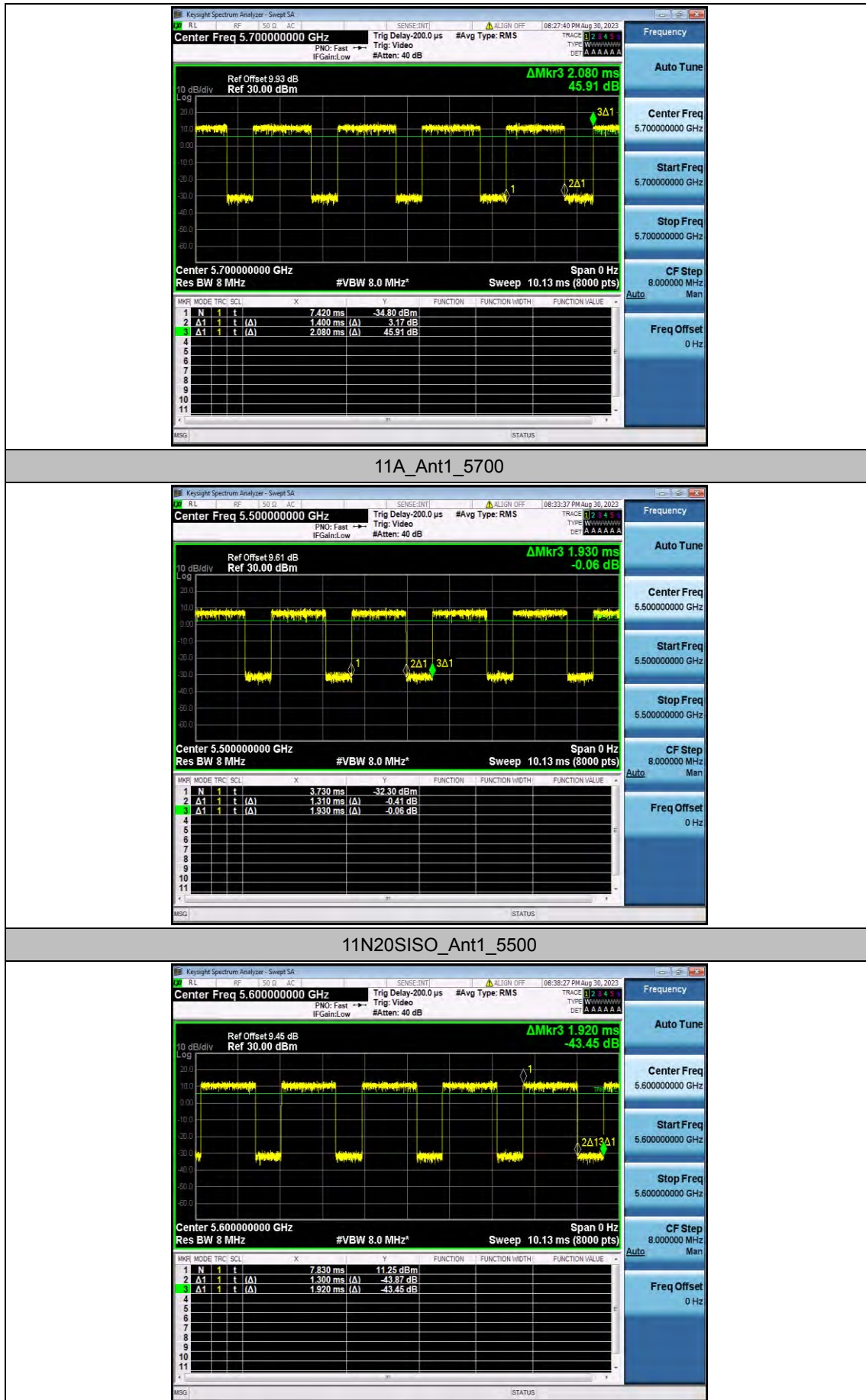
## Appendix F.3: Duty Cycle

### Test Result

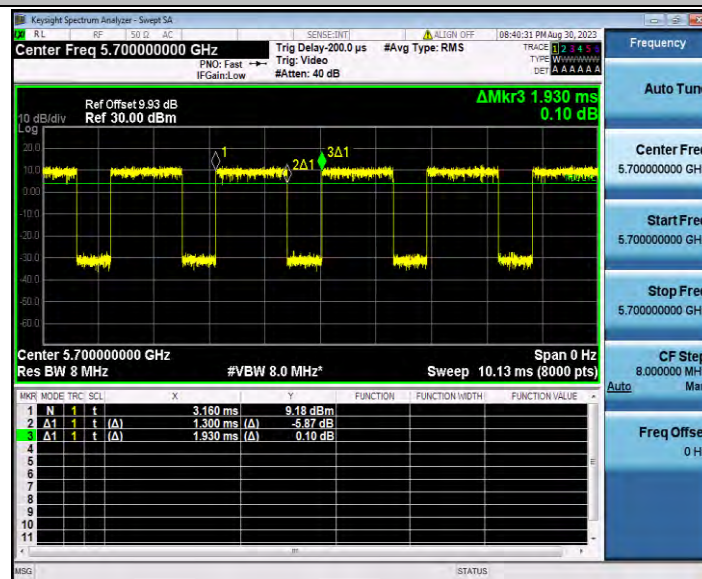
| Test Mode  | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant1    | 5500           | 1.39                       | 2.02                     | 68.81          |
|            |         | 5600           | 1.39                       | 2.02                     | 68.81          |
|            |         | 5700           | 1.40                       | 2.08                     | 67.31          |
| 11N20SISO  | Ant1    | 5500           | 1.31                       | 1.93                     | 67.88          |
|            |         | 5600           | 1.30                       | 1.92                     | 67.71          |
|            |         | 5700           | 1.30                       | 1.93                     | 67.36          |
| 11N40SISO  | Ant1    | 5510           | 0.65                       | 1.29                     | 50.39          |
|            |         | 5590           | 0.65                       | 1.29                     | 50.39          |
|            |         | 5670           | 0.65                       | 1.29                     | 50.39          |
| 11AC20SISO | Ant1    | 5500           | 1.31                       | 1.95                     | 67.18          |
|            |         | 5600           | 1.31                       | 1.96                     | 66.84          |
|            |         | 5700           | 1.31                       | 1.95                     | 67.18          |
| 11AC40SISO | Ant1    | 5510           | 0.66                       | 1.30                     | 50.77          |
|            |         | 5590           | 0.65                       | 1.29                     | 50.39          |
|            |         | 5670           | 0.65                       | 1.29                     | 50.39          |
| 11AC80SISO | Ant1    | 5530           | 0.33                       | 0.96                     | 34.38          |
|            |         | 5610           | 0.33                       | 0.96                     | 34.38          |
| 11AX20SISO | Ant1    | 5500           | 1.31                       | 1.95                     | 67.18          |
|            |         | 5600           | 1.31                       | 1.96                     | 66.84          |
|            |         | 5700           | 1.31                       | 1.96                     | 66.84          |
| 11AX40SISO | Ant1    | 5510           | 0.66                       | 1.29                     | 51.16          |
|            |         | 5590           | 0.65                       | 1.28                     | 50.78          |
|            |         | 5670           | 0.65                       | 1.29                     | 50.39          |
| 11AX80SISO | Ant1    | 5530           | 0.33                       | 0.97                     | 34.02          |
|            |         | 5610           | 0.32                       | 0.95                     | 33.68          |

## Test Graphs

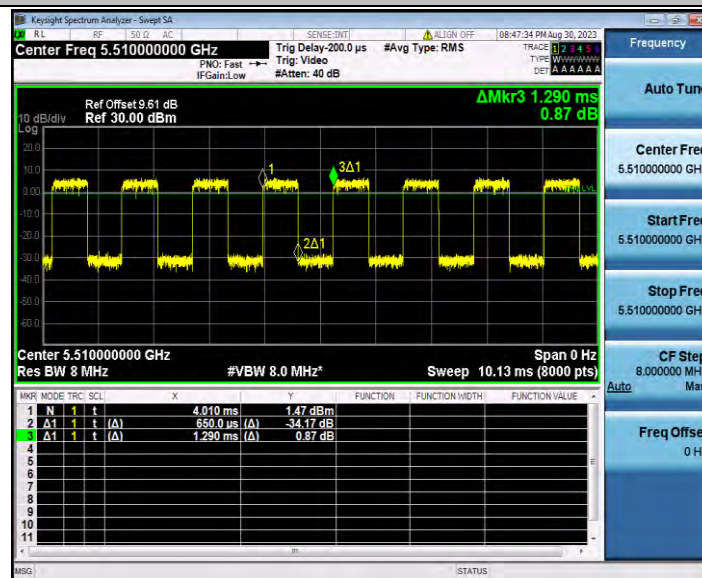




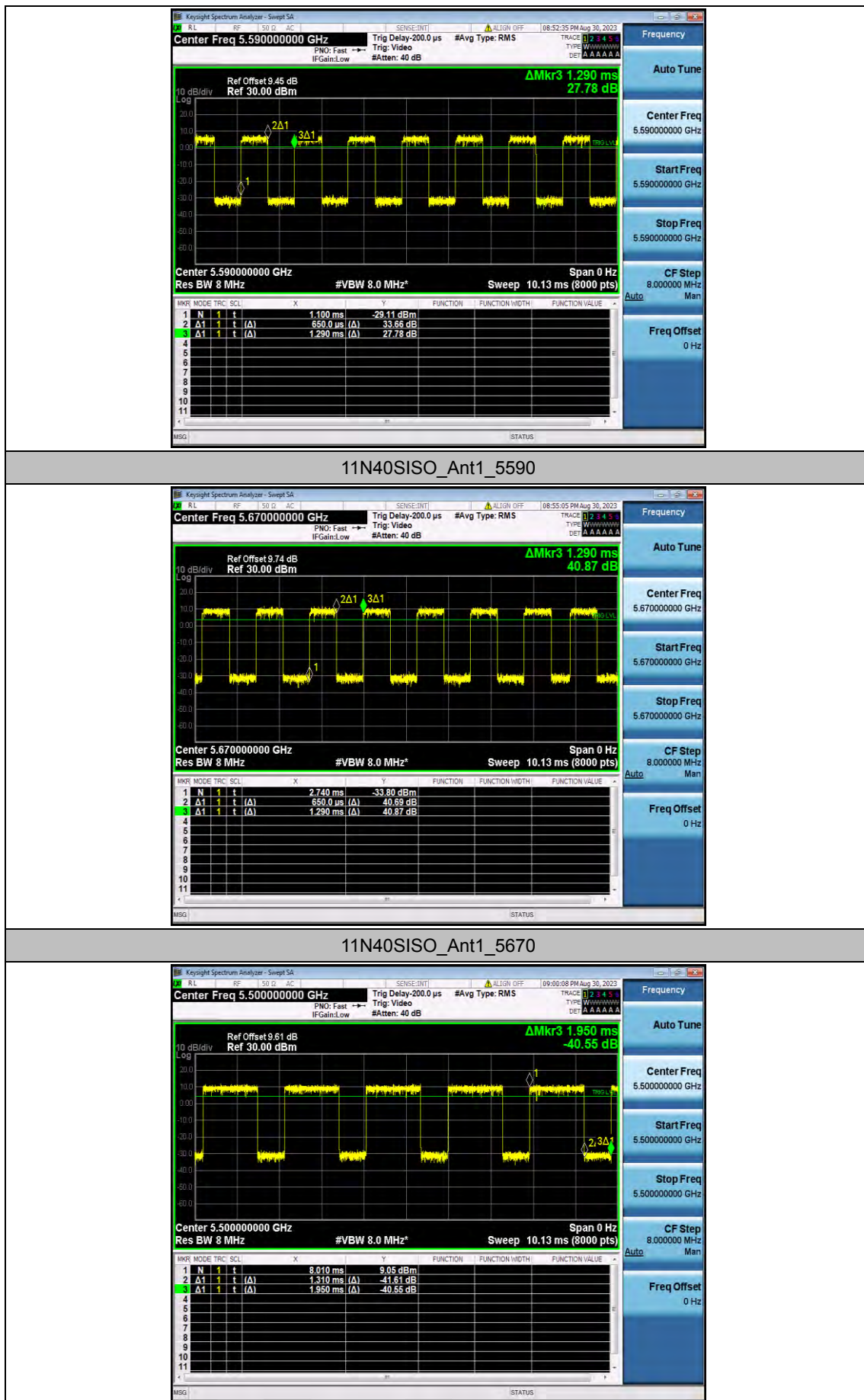
## 11N20SISO\_Ant1\_5600



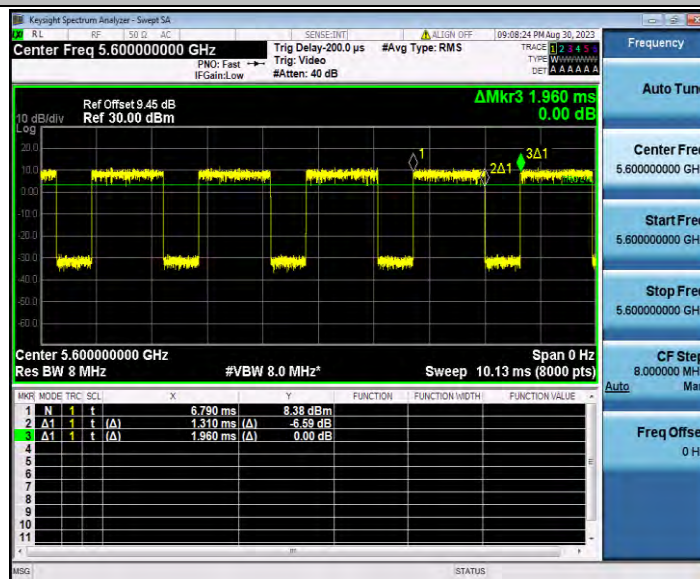
## 11N20SISO\_Ant1\_5700



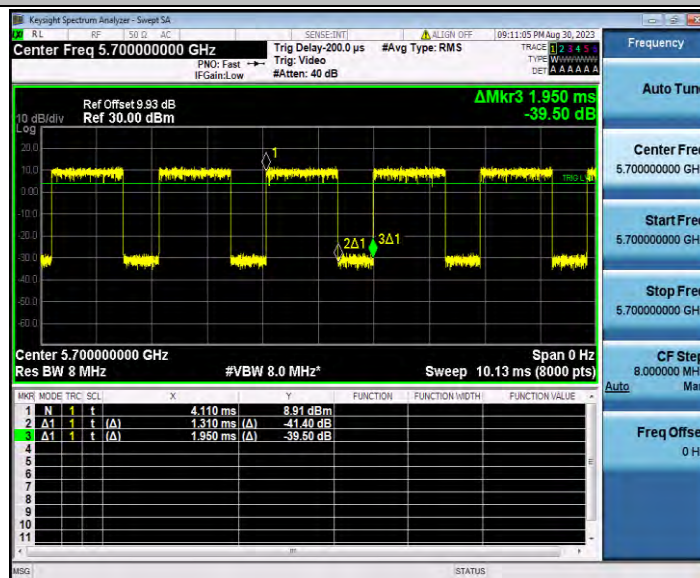
## 11N40SISO\_Ant1\_5510



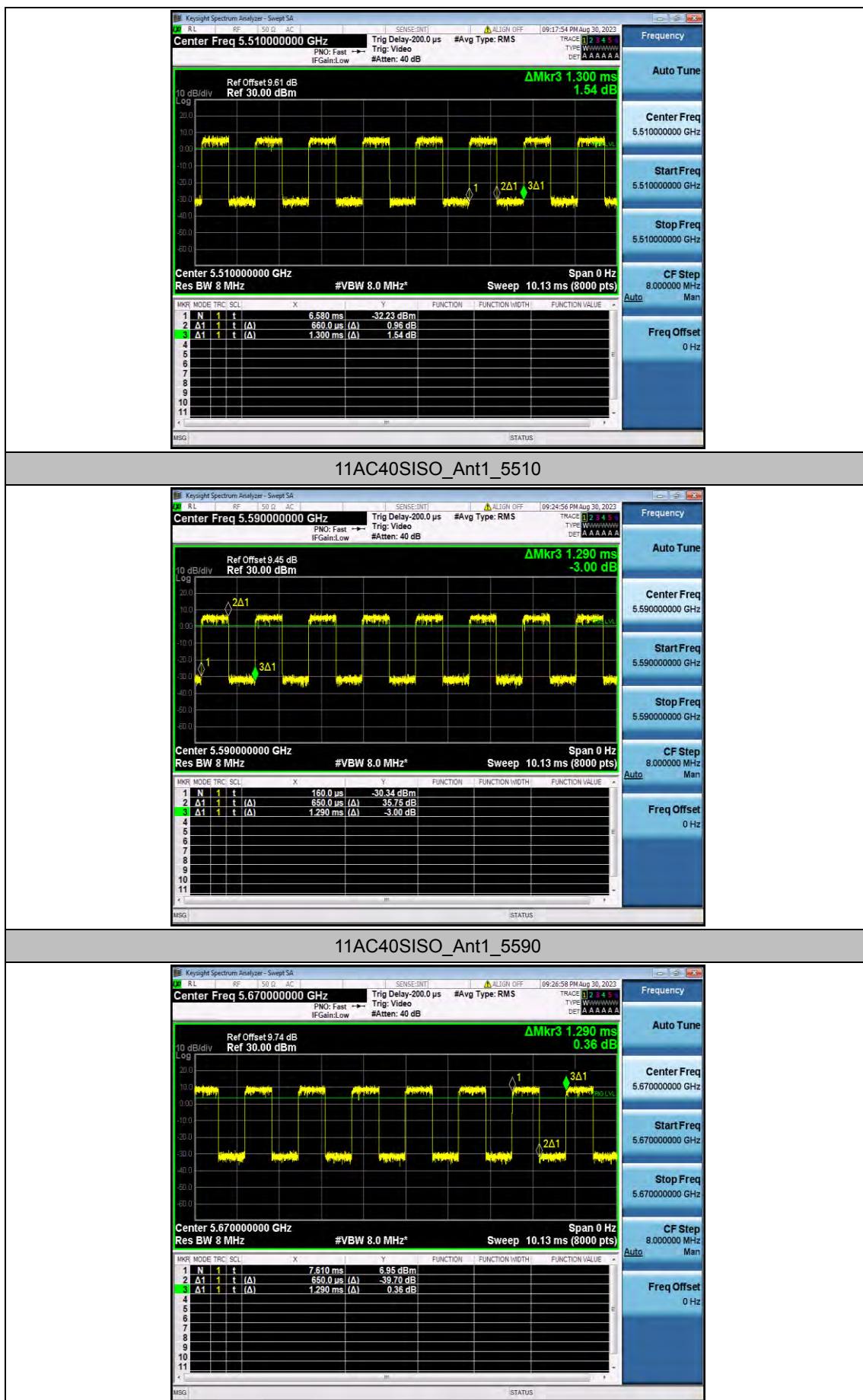
## 11AC20SISO\_Ant1\_5500



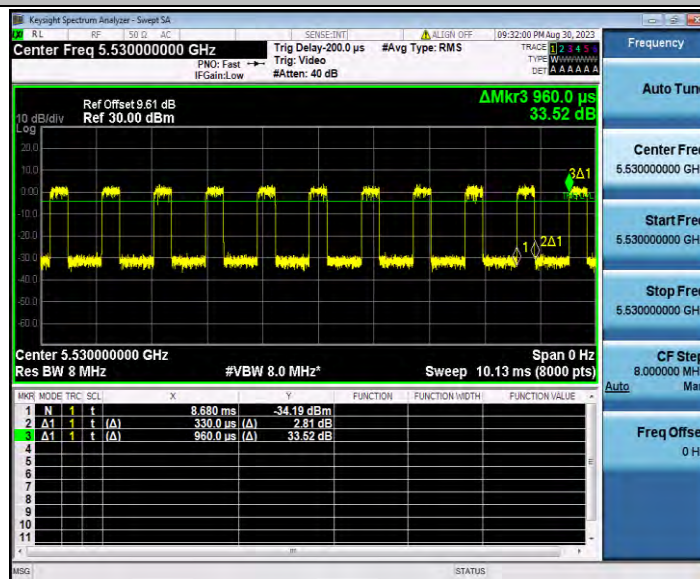
## 11AC20SISO\_Ant1\_5600



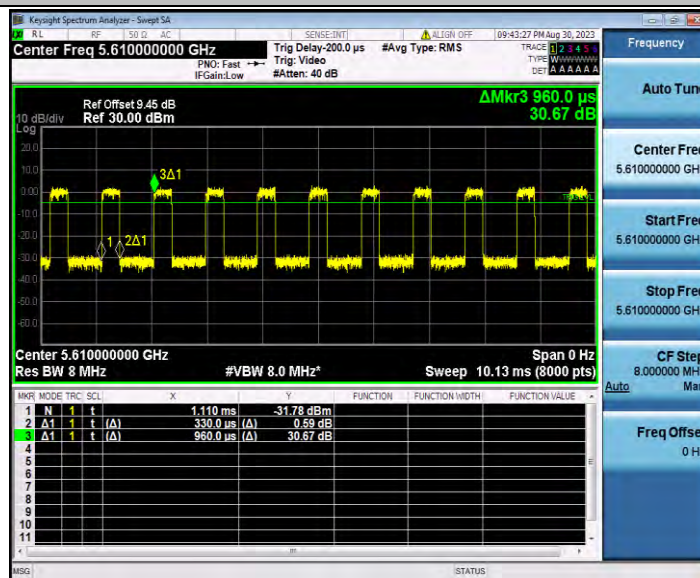
## 11AC20SISO\_Ant1\_5700



## 11AC40SISO\_Ant1\_5670



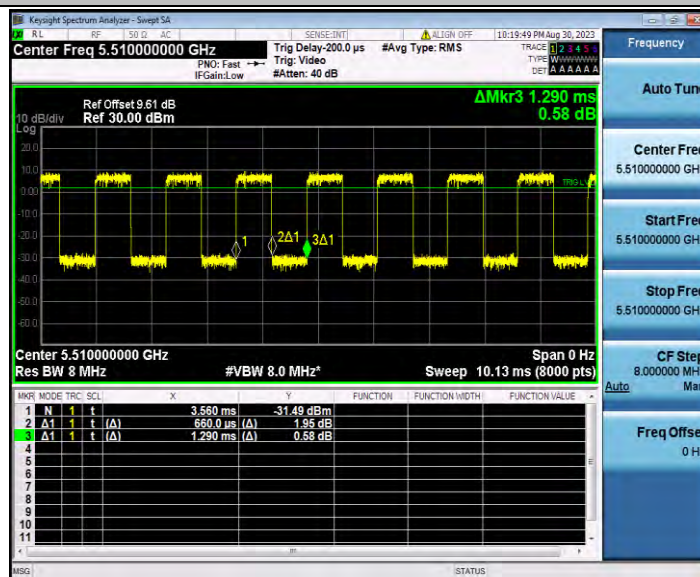
## 11AC80SISO\_Ant1\_5530



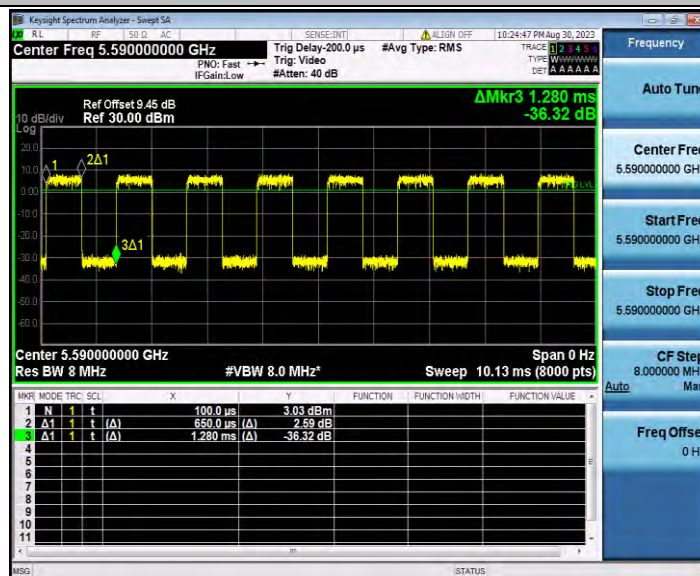
## 11AC80SISO\_Ant1\_5610



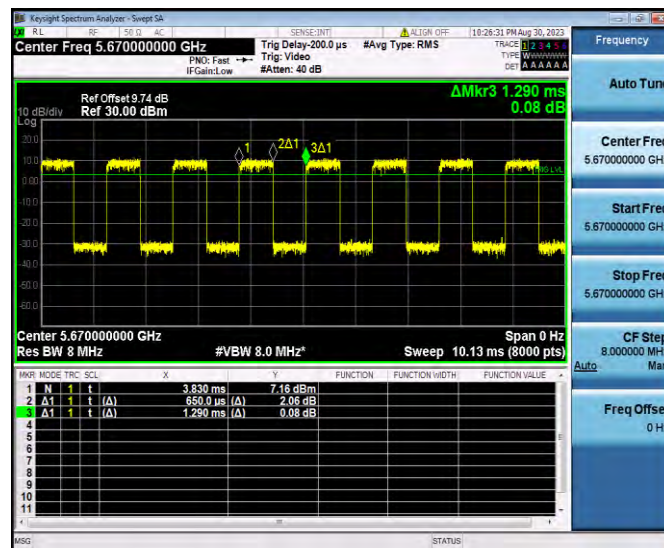
## 11AX20SISO\_Ant1\_5700



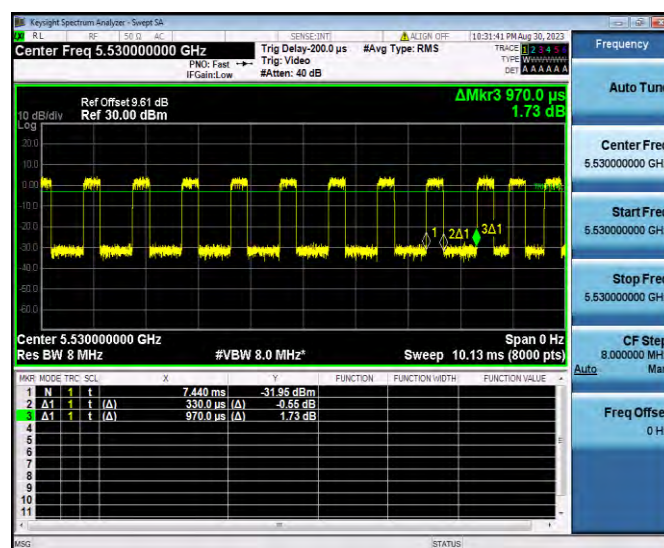
## 11AX40SISO\_Ant1\_5510



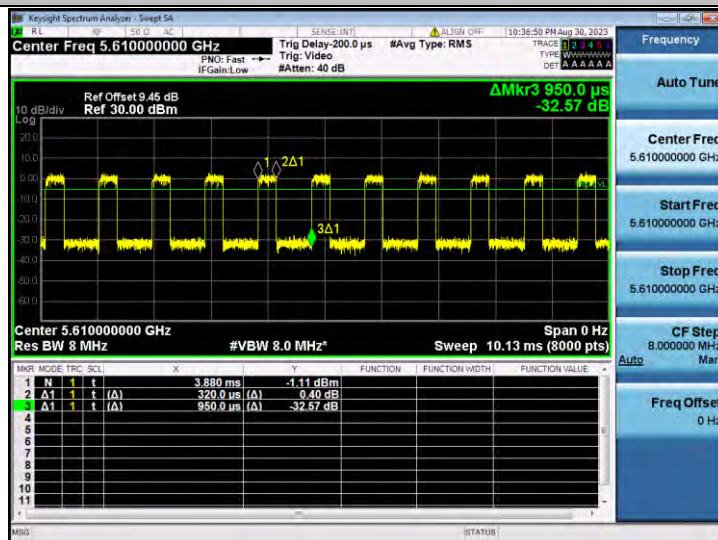
## 11AX40SISO\_Ant1\_5590



11AX40SISO\_Ant1\_5670



11AX80SISO\_Ant1\_5530



11AX80SISO\_Ant1\_5610