

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| <b>Case No. :</b> <u>GTS20250225016-1-08</u>          |                                          |
| <b>Ambient Condition:</b> <u>22</u> °C, <u>48</u> %RH |                                          |
| <b>According Standard:</b> ■Part15E                   |                                          |
| <b>Test Date:</b> <u>2025.4.28</u>                    | <b>Test Engineer:</b> <u>Evan ouyang</u> |

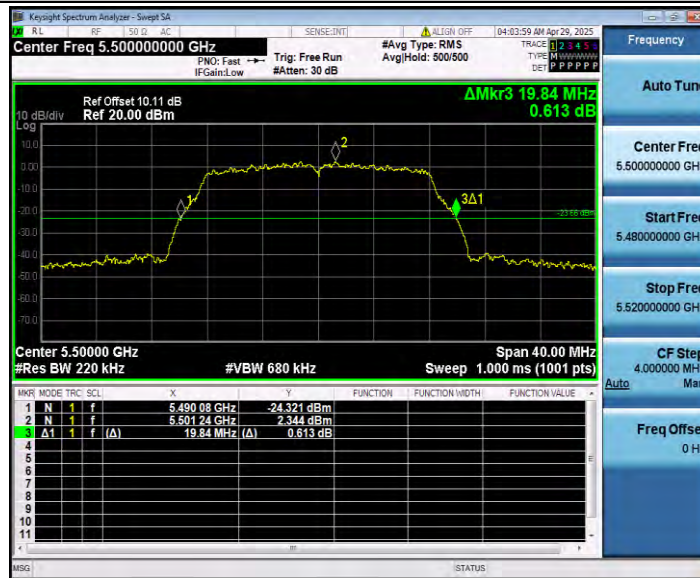
## Appendix D.1: Emission Bandwidth

### Test Result

| TestMode   | Antenna | Freq(MHz) | 26db EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|-----------|-------------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5500      | 19.840            | 5490.080 | 5509.920 | ---        | ---     |
|            |         | 5580      | 20.160            | 5569.840 | 5590.000 | ---        | ---     |
|            |         | 5700      | 20.080            | 5689.920 | 5710.000 | ---        | ---     |
| 11N20SISO  | Ant1    | 5500      | 19.960            | 5490.080 | 5510.040 | ---        | ---     |
|            |         | 5580      | 19.920            | 5570.000 | 5589.920 | ---        | ---     |
|            |         | 5700      | 20.240            | 5689.800 | 5710.040 | ---        | ---     |
| 11N40SISO  | Ant1    | 5510      | 40.400            | 5489.760 | 5530.160 | ---        | ---     |
|            |         | 5590      | 40.800            | 5569.520 | 5610.320 | ---        | ---     |
|            |         | 5670      | 40.560            | 5649.680 | 5690.240 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500      | 20.320            | 5489.880 | 5510.200 | ---        | ---     |
|            |         | 5580      | 20.360            | 5569.760 | 5590.120 | ---        | ---     |
|            |         | 5700      | 20.240            | 5689.840 | 5710.080 | ---        | ---     |
| 11AC40SISO | Ant1    | 5510      | 40.400            | 5489.920 | 5530.320 | ---        | ---     |
|            |         | 5590      | 40.640            | 5569.760 | 5610.400 | ---        | ---     |
|            |         | 5670      | 40.720            | 5649.600 | 5690.320 | ---        | ---     |
| 11AC80SISO | Ant1    | 5530      | 81.440            | 5489.360 | 5570.800 | ---        | ---     |
|            |         | 5610      | 81.600            | 5569.360 | 5650.960 | ---        | ---     |
| 11AX20SISO | Ant1    | 5500      | 20.200            | 5489.880 | 5510.080 | ---        | ---     |
|            |         | 5580      | 20.200            | 5569.880 | 5590.080 | ---        | ---     |
|            |         | 5700      | 20.080            | 5689.840 | 5709.920 | ---        | ---     |
| 11AX40SISO | Ant1    | 5510      | 40.960            | 5489.600 | 5530.560 | ---        | ---     |
|            |         | 5590      | 40.880            | 5569.600 | 5610.480 | ---        | ---     |
|            |         | 5670      | 41.120            | 5649.520 | 5690.640 | ---        | ---     |
| 11AX80SISO | Ant1    | 5530      | 80.800            | 5489.520 | 5570.320 | ---        | ---     |
|            |         | 5610      | 81.440            | 5569.360 | 5650.800 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5500

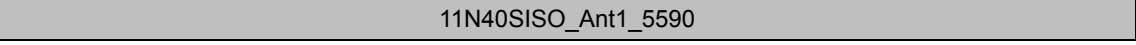
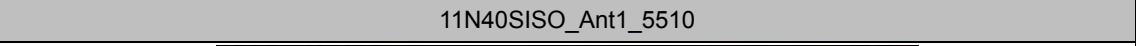


11A\_Ant1\_5580



11A\_Ant1\_5700









11N40SISO\_Ant1\_5670



11AC20SISO\_Ant1\_5500



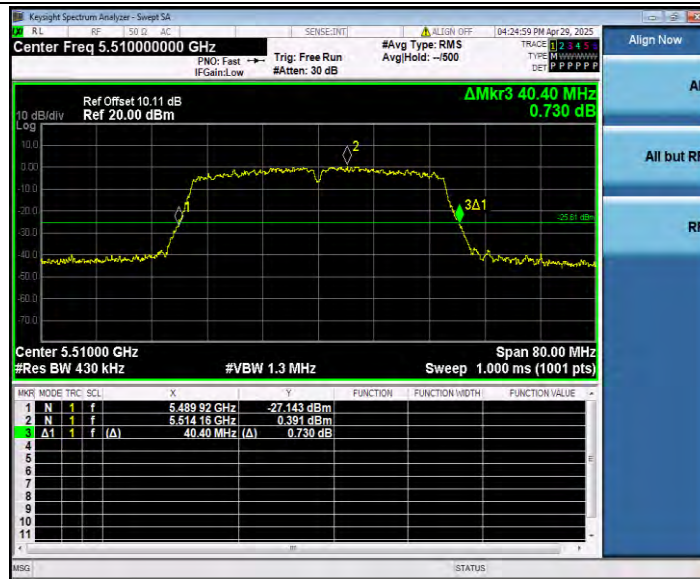
## 11AC20SISO\_Ant1\_5580



## 11AC20SISO\_Ant1\_5700



## 11AC40SISO\_Ant1\_5510



11AC40SISO\_Ant1\_5590



11AC40SISO\_Ant1\_5670





## 11AC80SISO\_Ant1\_5530



## 11AC80SISO\_Ant1\_5610



## 11AX20SISO\_Ant1\_5500





11AX20SISO\_Ant1\_5580



11AX20SISO\_Ant1\_5700



## 11AX40SISO\_Ant1\_5510



## 11AX40SISO\_Ant1\_5590



## 11AX40SISO\_Ant1\_5670



## Appendix D.2: Occupied channel bandwidth

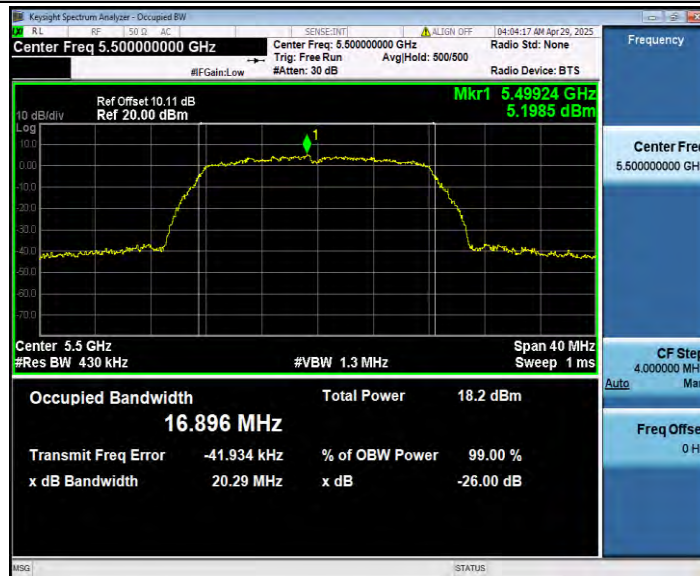
### Test Result

| TestMode   | Antenna | Freq(MHz) | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|-----------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5500      | 16.896    | 5491.5101 | 5508.4061 | ---        | ---     |
|            |         | 5580      | 16.974    | 5571.4316 | 5588.4056 | ---        | ---     |
|            |         | 5700      | 16.941    | 5691.4378 | 5708.3788 | ---        | ---     |
| 11N20SISO  | Ant1    | 5500      | 16.900    | 5491.4998 | 5508.3998 | ---        | ---     |
|            |         | 5580      | 16.958    | 5571.4454 | 5588.4034 | ---        | ---     |
|            |         | 5700      | 16.926    | 5691.4174 | 5708.3434 | ---        | ---     |
| 11N40SISO  | Ant1    | 5510      | 36.114    | 5491.9719 | 5528.0859 | ---        | ---     |
|            |         | 5590      | 36.139    | 5571.8833 | 5608.0223 | ---        | ---     |
|            |         | 5670      | 36.099    | 5651.8812 | 5687.9802 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500      | 17.817    | 5491.0801 | 5508.8971 | ---        | ---     |
|            |         | 5580      | 17.851    | 5571.0392 | 5588.8902 | ---        | ---     |
|            |         | 5700      | 17.833    | 5691.0272 | 5708.8602 | ---        | ---     |
| 11AC40SISO | Ant1    | 5510      | 36.120    | 5491.9543 | 5528.0743 | ---        | ---     |
|            |         | 5590      | 36.157    | 5571.9094 | 5608.0664 | ---        | ---     |
|            |         | 5670      | 36.066    | 5651.9104 | 5687.9764 | ---        | ---     |
| 11AC80SISO | Ant1    | 5530      | 75.464    | 5492.2500 | 5567.7140 | ---        | ---     |
|            |         | 5610      | 75.647    | 5572.1749 | 5647.8219 | ---        | ---     |
| 11AX20SISO | Ant1    | 5500      | 17.808    | 5491.0827 | 5508.8907 | ---        | ---     |
|            |         | 5580      | 17.874    | 5571.0393 | 5588.9133 | ---        | ---     |
|            |         | 5700      | 17.800    | 5691.0326 | 5708.8326 | ---        | ---     |
| 11AX40SISO | Ant1    | 5510      | 36.214    | 5491.9413 | 5528.1553 | ---        | ---     |
|            |         | 5590      | 36.265    | 5571.8832 | 5608.1482 | ---        | ---     |
|            |         | 5670      | 36.246    | 5651.8316 | 5688.0776 | ---        | ---     |
| 11AX80SISO | Ant1    | 5530      | 75.315    | 5492.4161 | 5567.7311 | ---        | ---     |
|            |         | 5610      | 75.525    | 5572.3111 | 5647.8361 | ---        | ---     |



## Test Graphs

11A\_Ant1\_5500



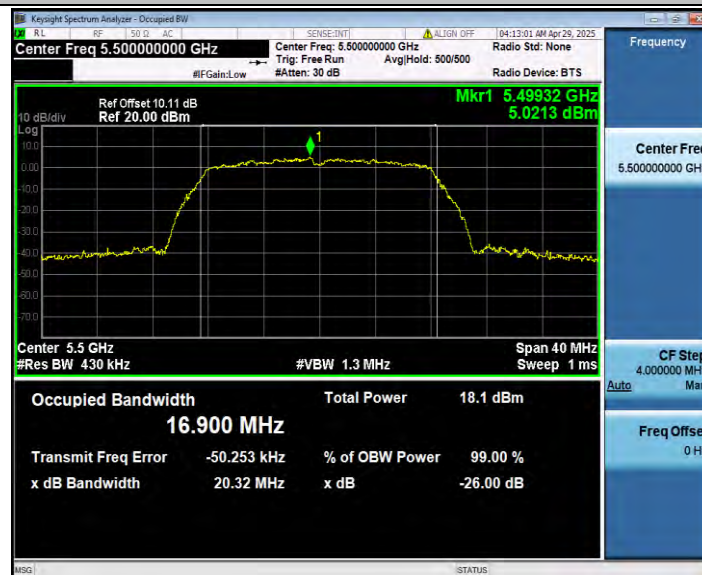
11A\_Ant1\_5580



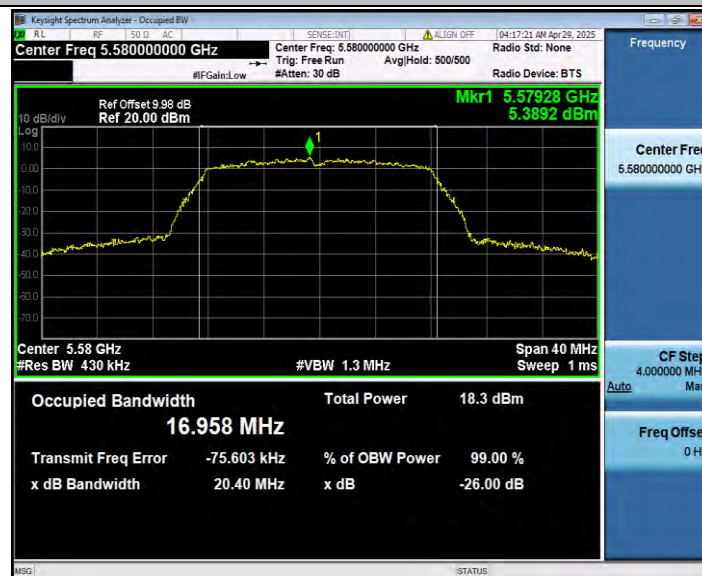
11A\_Ant1\_5700



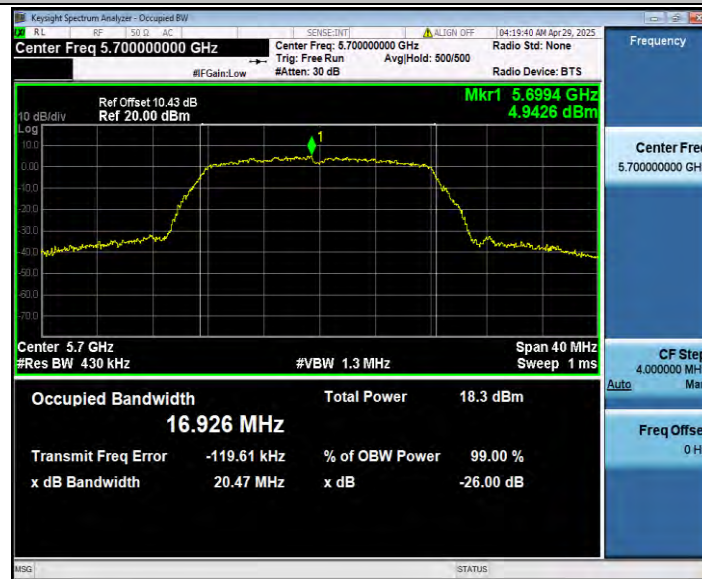
11N20SISO\_Ant1\_5500



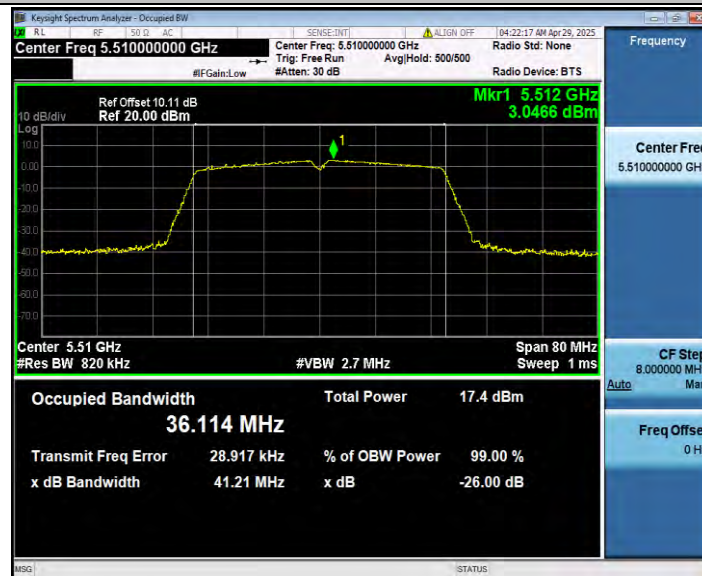
11N20SISO\_Ant1\_5580



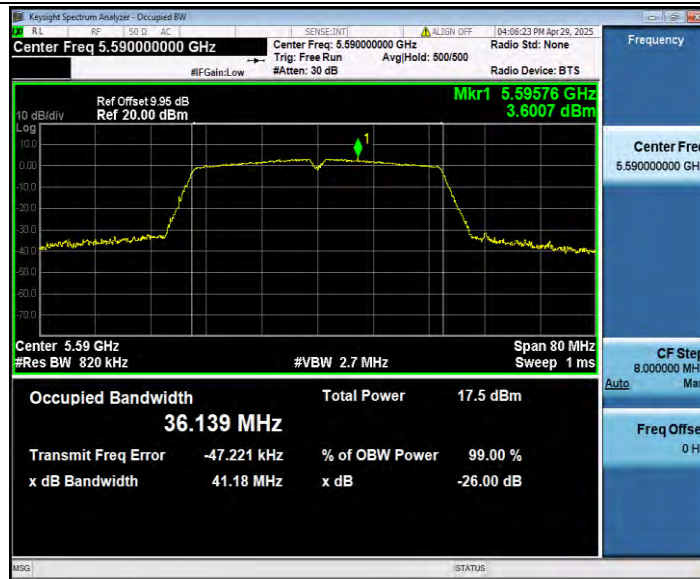
## 11N20SISO\_Ant1\_5700



## 11N40SISO\_Ant1\_5510



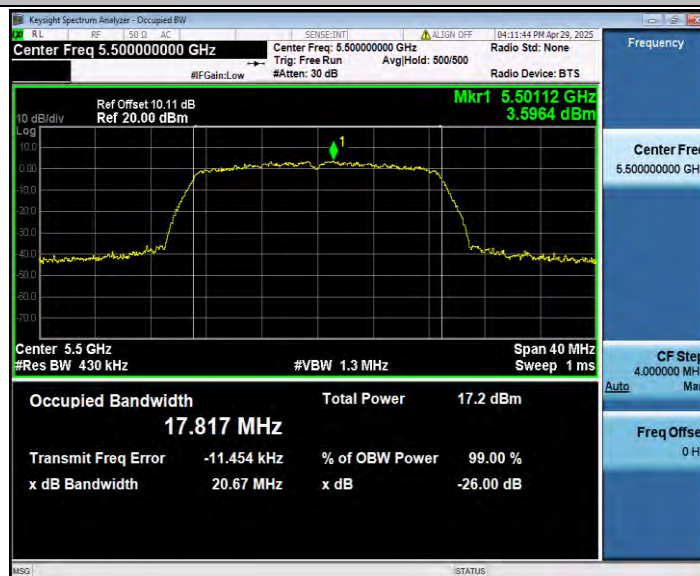
## 11N40SISO\_Ant1\_5590



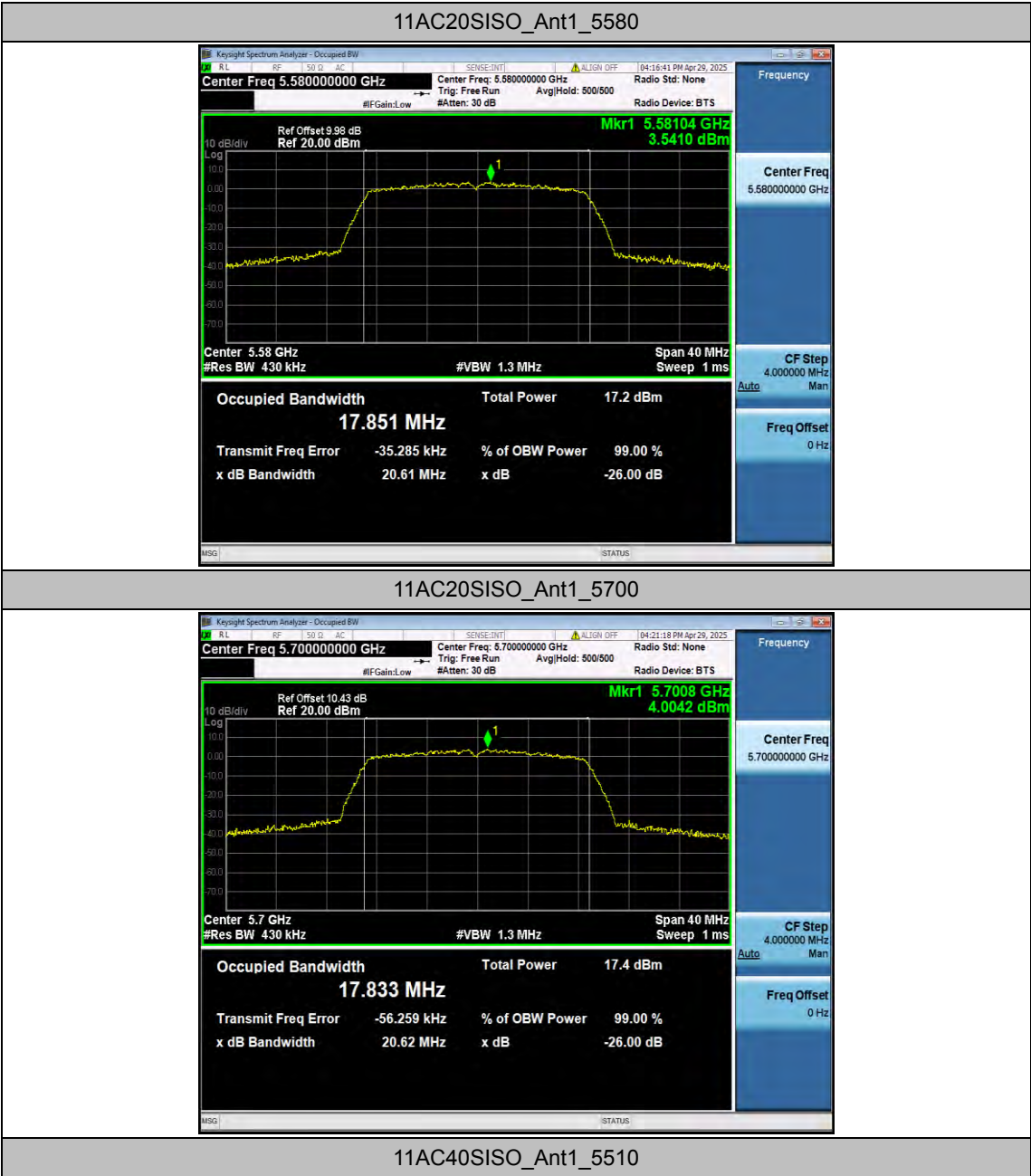
11N40SISO\_Ant1\_5670

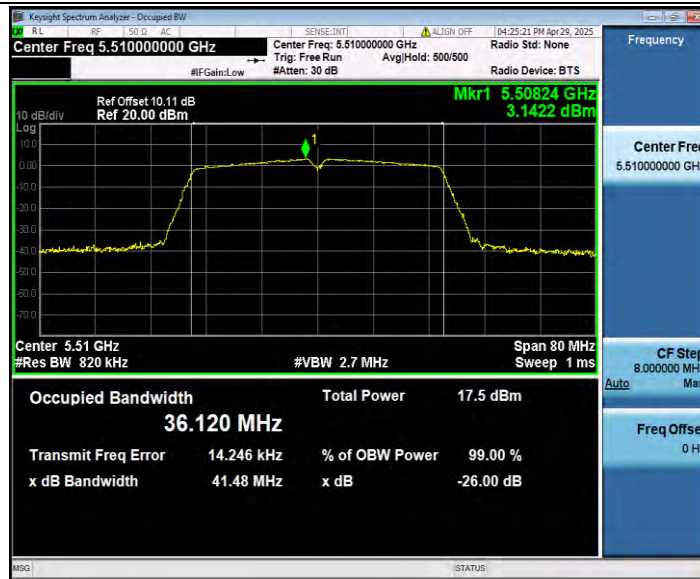


11AC20SISO\_Ant1\_5500





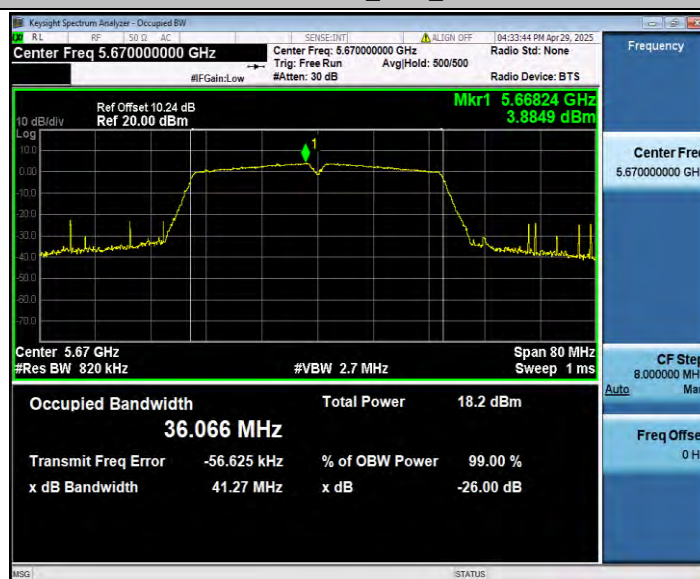




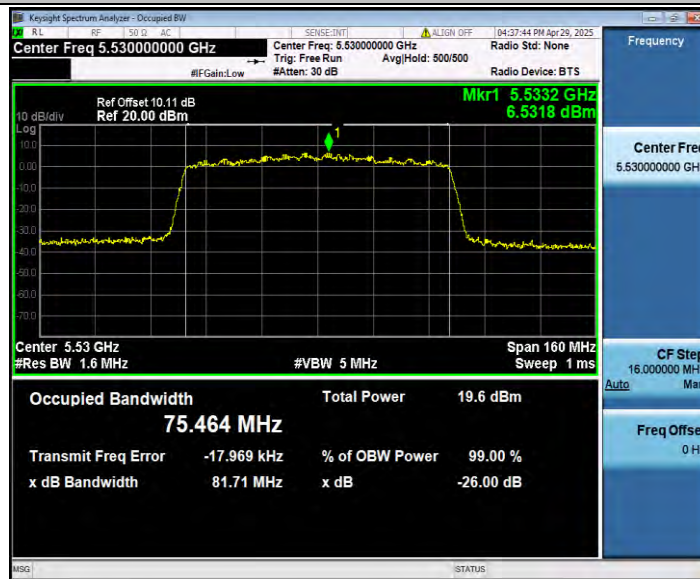
11AC40SISO\_Ant1\_5590



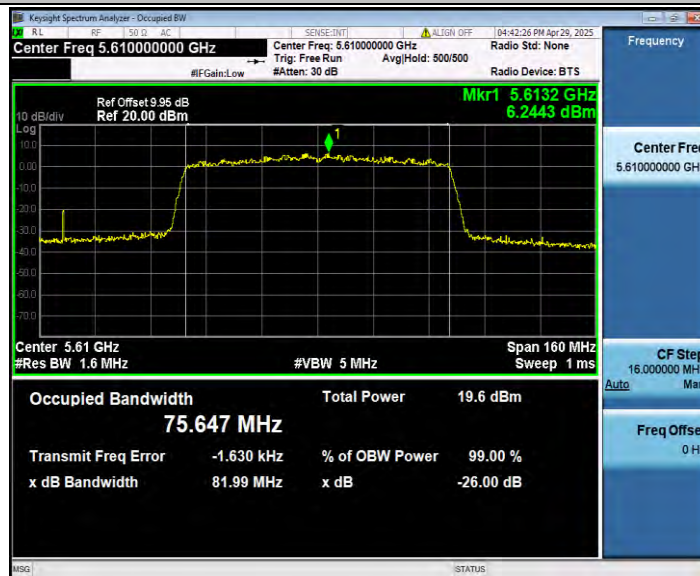
11AC40SISO\_Ant1\_5670



## 11AC80SISO\_Ant1\_5530



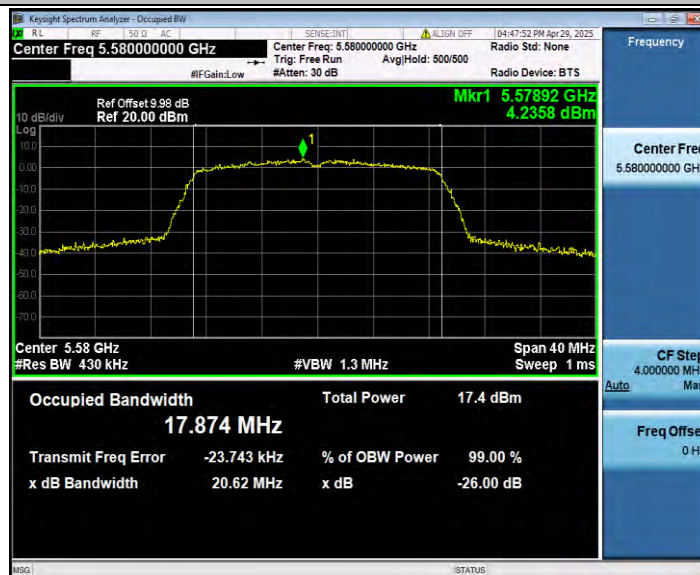
## 11AC80SISO\_Ant1\_5610



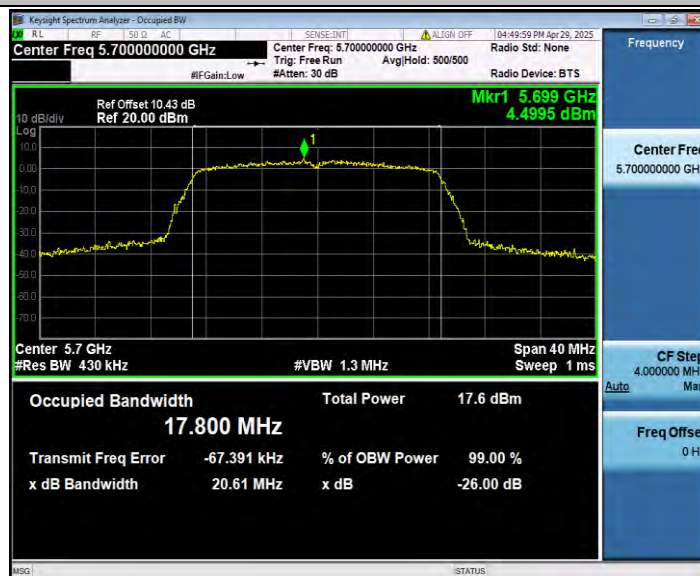
## 11AX20SISO\_Ant1\_5500



11AX20SISO\_Ant1\_5580

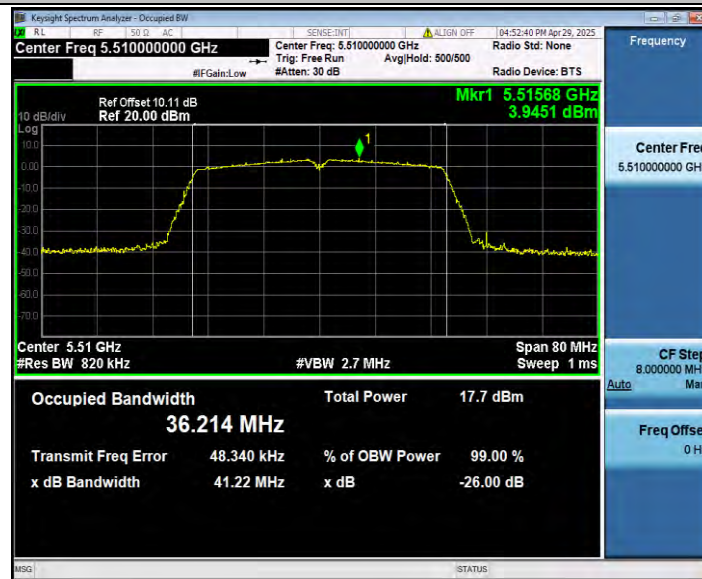


11AX20SISO\_Ant1\_5700

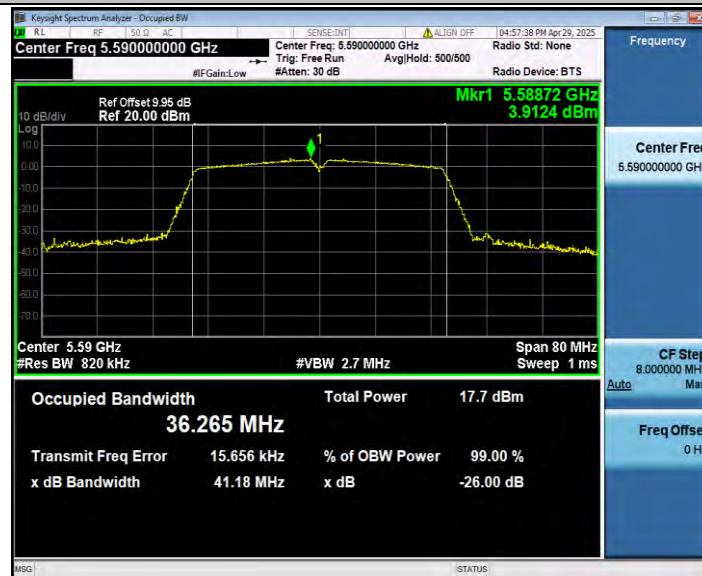




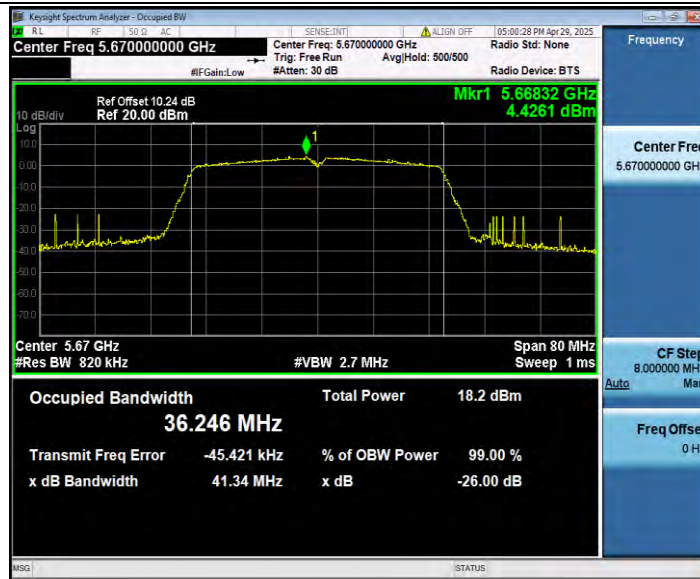
## 11AX40SISO\_Ant1\_5510



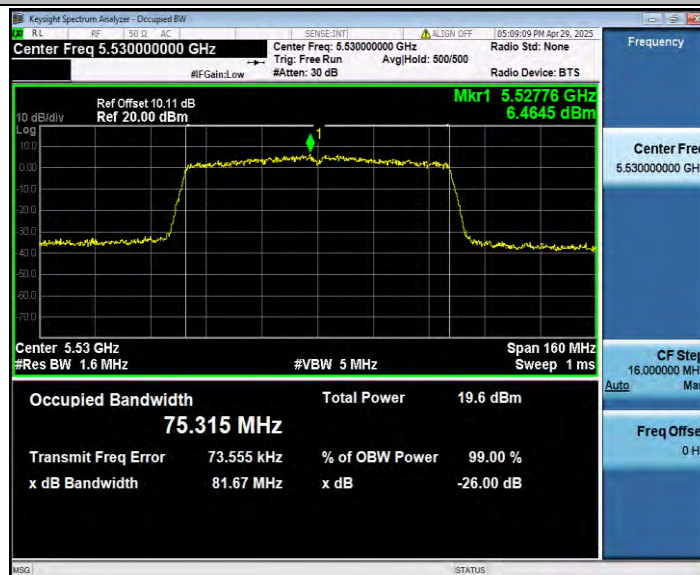
## 11AX40SISO\_Ant1\_5590



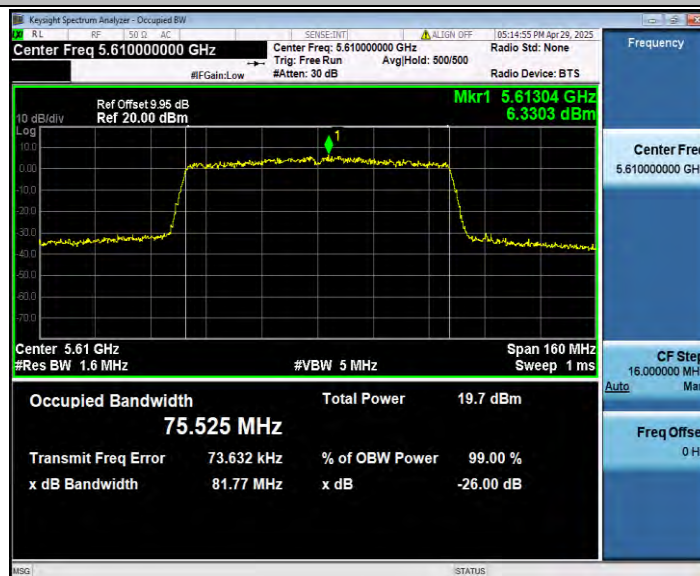
## 11AX40SISO\_Ant1\_5670



11AX80SISO\_Ant1\_5530



11AX80SISO\_Ant1\_5610

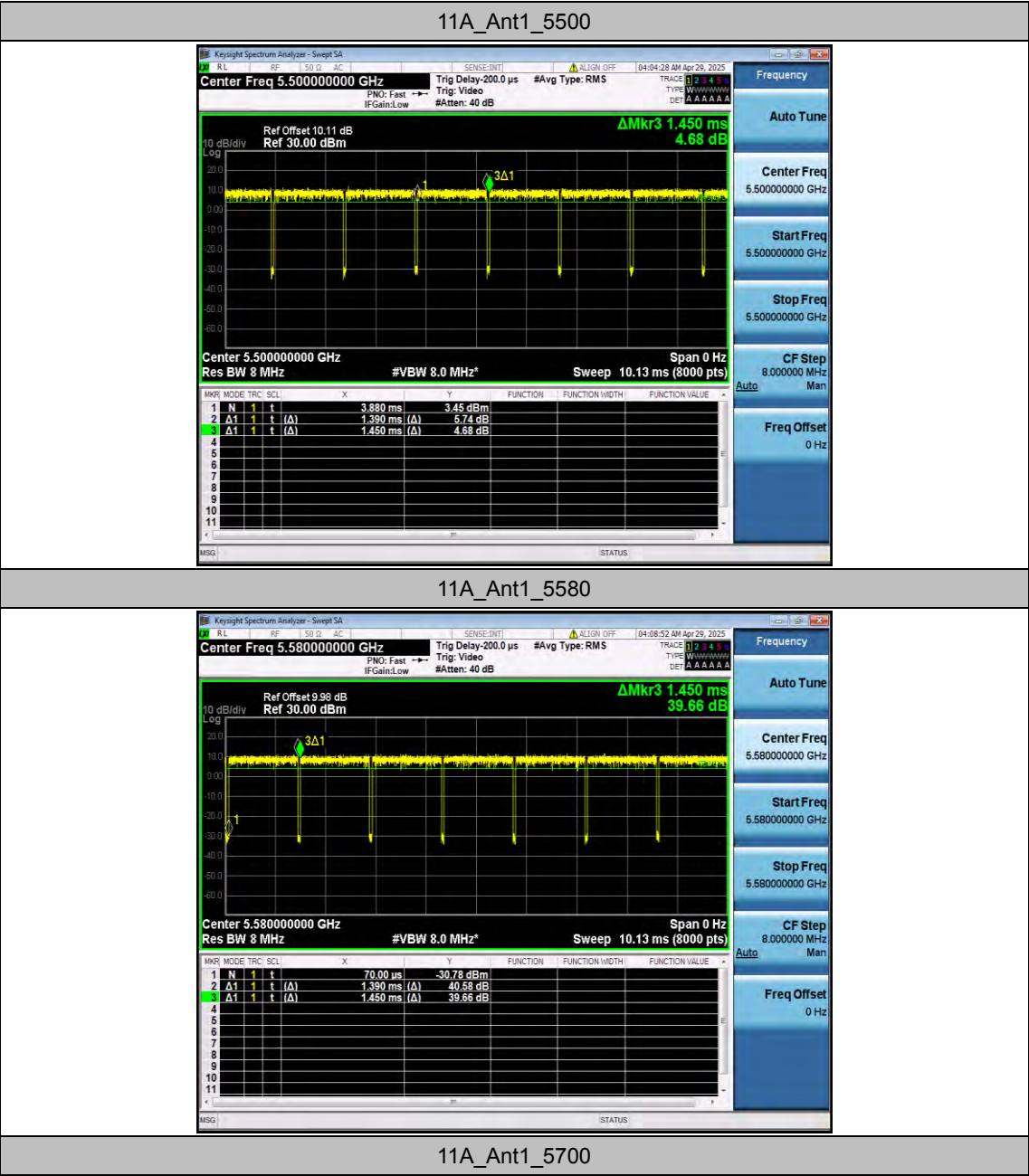


## Appendix D.3: Duty Cycle

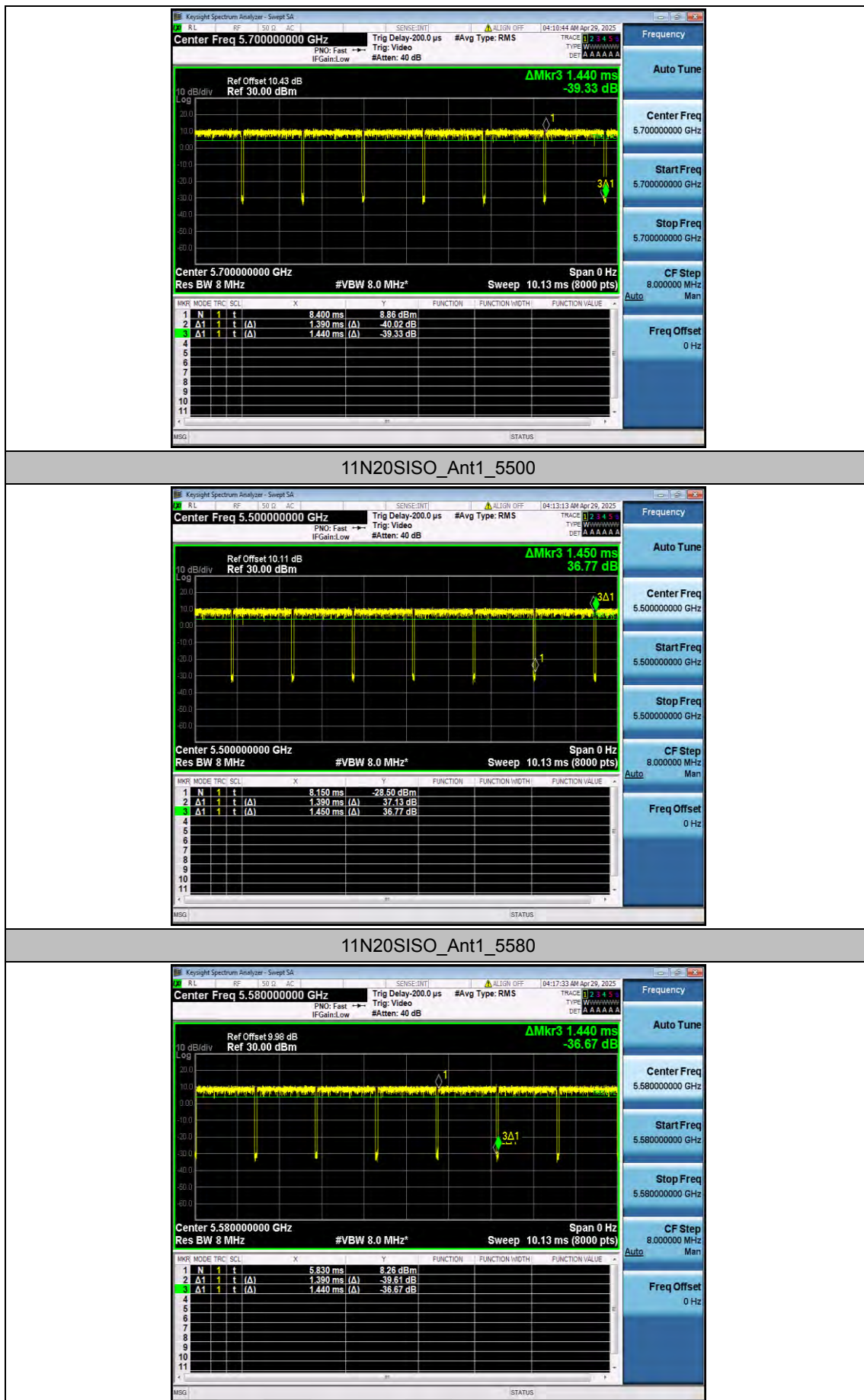
### Test Result

| TestMode   | Antenna | Freq(MHz) | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Duty Cycle Factor[dB] | 1/T Factor[KHz] |
|------------|---------|-----------|----------------------------|--------------------------|----------------|-----------------------|-----------------|
| 11A        | Ant1    | 5500      | 1.39                       | 1.45                     | 95.86          | 0.18                  | 0.72            |
|            |         | 5580      | 1.39                       | 1.45                     | 95.86          | 0.18                  | 0.72            |
|            |         | 5700      | 1.39                       | 1.44                     | 96.53          | 0.15                  | 0.72            |
| 11N20SISO  | Ant1    | 5500      | 1.39                       | 1.45                     | 95.86          | 0.18                  | 0.72            |
|            |         | 5580      | 1.39                       | 1.44                     | 96.53          | 0.15                  | 0.72            |
|            |         | 5700      | 1.39                       | 1.44                     | 96.53          | 0.15                  | 0.72            |
| 11N40SISO  | Ant1    | 5510      | 0.65                       | 0.70                     | 92.86          | 0.32                  | 1.54            |
|            |         | 5590      | 0.65                       | 0.71                     | 91.55          | 0.38                  | 1.54            |
|            |         | 5670      | 0.65                       | 0.70                     | 92.86          | 0.32                  | 1.54            |
| 11AC20SISO | Ant1    | 5500      | 1.31                       | 1.37                     | 95.62          | 0.19                  | 0.76            |
|            |         | 5580      | 1.31                       | 1.36                     | 96.32          | 0.16                  | 0.76            |
|            |         | 5700      | 1.31                       | 1.37                     | 95.62          | 0.19                  | 0.76            |
| 11AC40SISO | Ant1    | 5510      | 0.65                       | 0.71                     | 91.55          | 0.38                  | 1.54            |
|            |         | 5590      | 0.65                       | 0.70                     | 92.86          | 0.32                  | 1.54            |
|            |         | 5670      | 0.65                       | 0.70                     | 92.86          | 0.32                  | 1.54            |
| 11AC80SISO | Ant1    | 5530      | 0.33                       | 0.38                     | 86.84          | 0.61                  | 3.03            |
|            |         | 5610      | 0.33                       | 0.38                     | 86.84          | 0.61                  | 3.03            |
| 11AX20SISO | Ant1    | 5500      | 1.31                       | 1.36                     | 96.32          | 0.16                  | 0.76            |
|            |         | 5580      | 1.30                       | 1.36                     | 95.59          | 0.20                  | 0.77            |
|            |         | 5700      | 1.31                       | 1.36                     | 96.32          | 0.16                  | 0.76            |
| 11AX40SISO | Ant1    | 5510      | 0.65                       | 0.71                     | 91.55          | 0.38                  | 1.54            |
|            |         | 5590      | 0.65                       | 0.71                     | 91.55          | 0.38                  | 1.54            |
|            |         | 5670      | 0.65                       | 0.70                     | 92.86          | 0.32                  | 1.54            |
| 11AX80SISO | Ant1    | 5530      | 0.33                       | 0.38                     | 86.84          | 0.61                  | 3.03            |
|            |         | 5610      | 0.32                       | 0.37                     | 86.49          | 0.63                  | 3.13            |

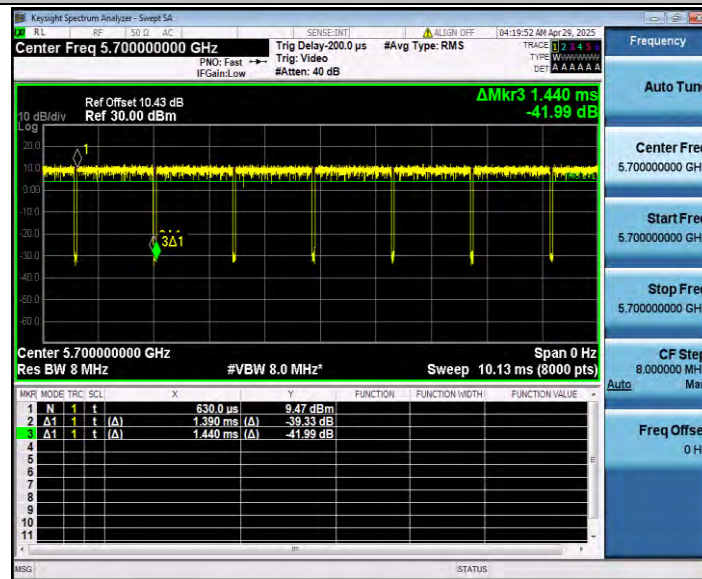
Test Graphs



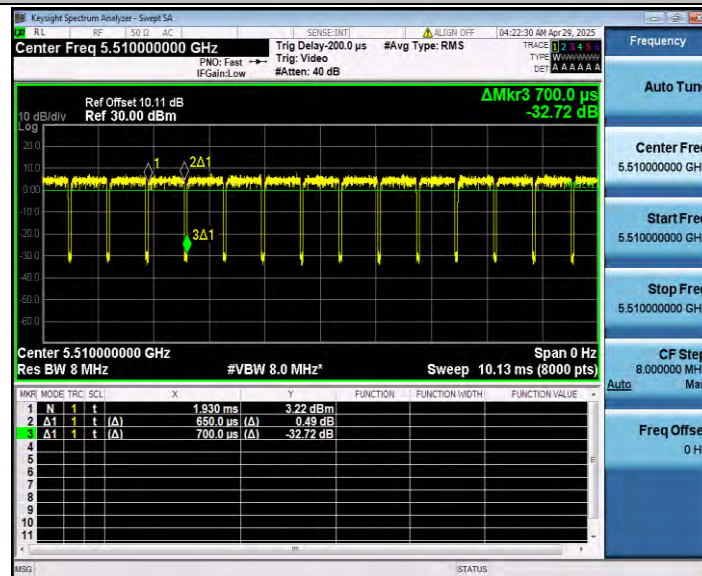




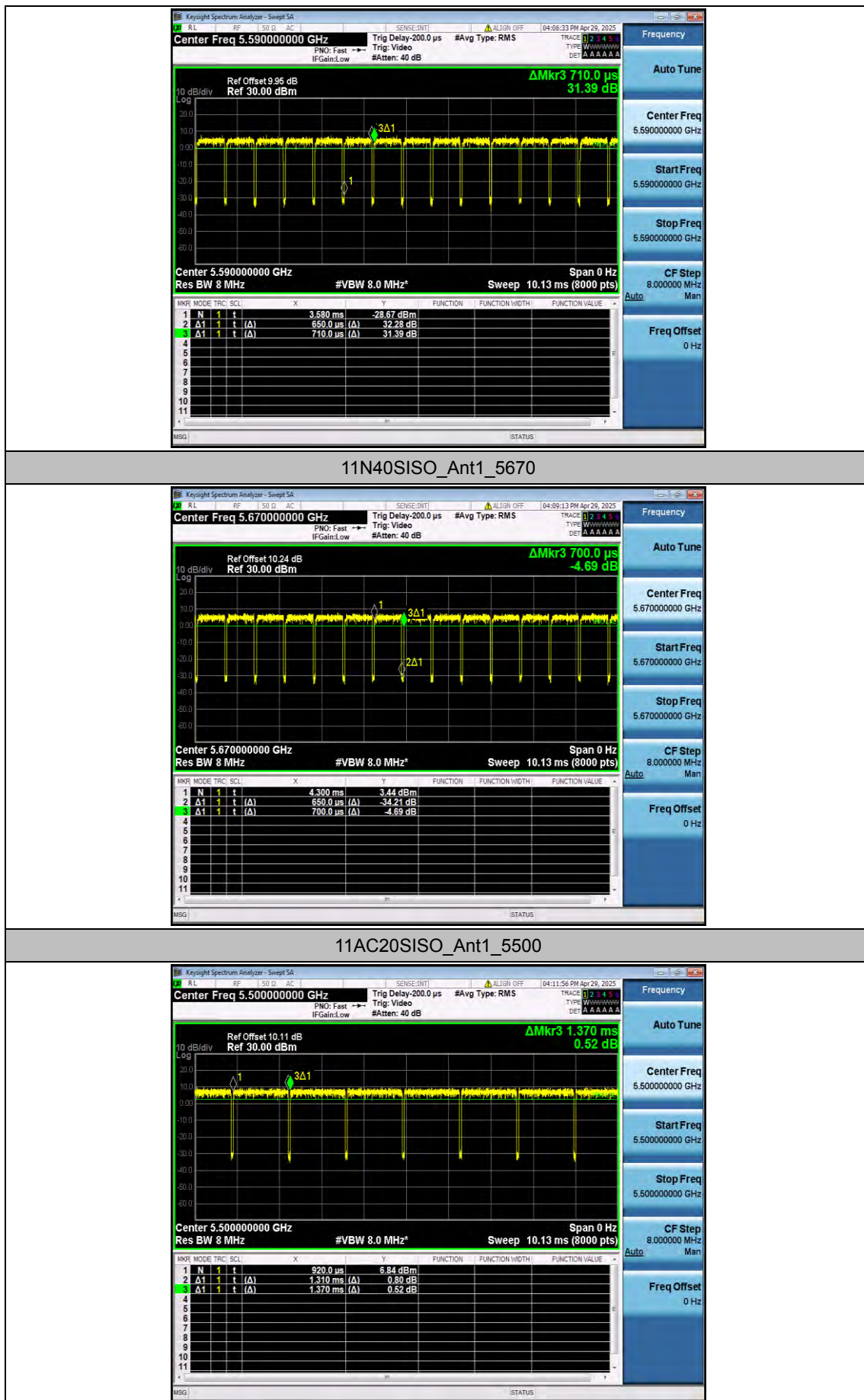
## 11N20SISO\_Ant1\_5700



## 11N40SISO\_Ant1\_5510

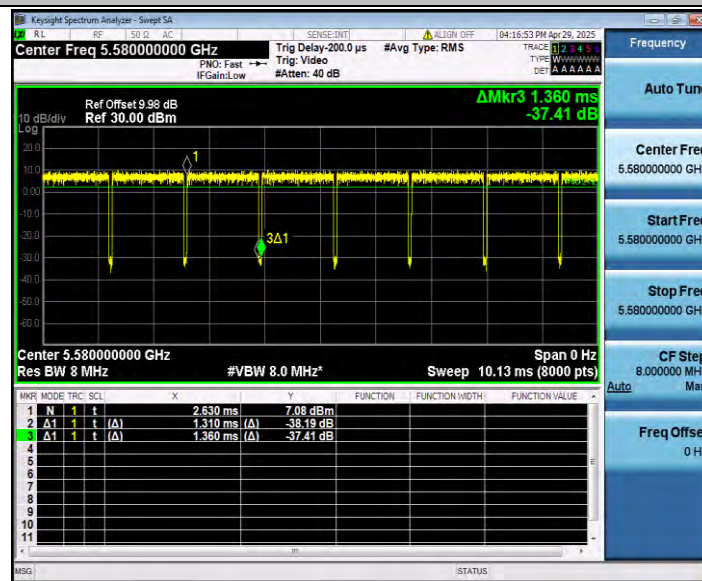


## 11N40SISO\_Ant1\_5590

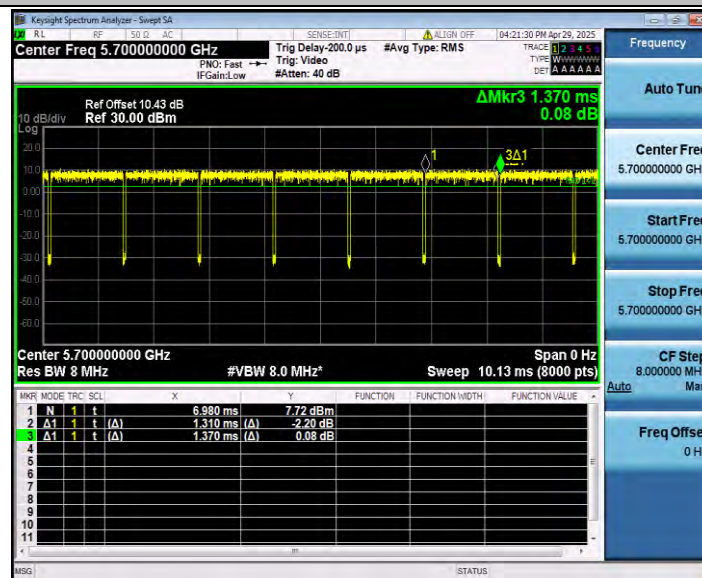




## 11AC20SISO\_Ant1\_5580

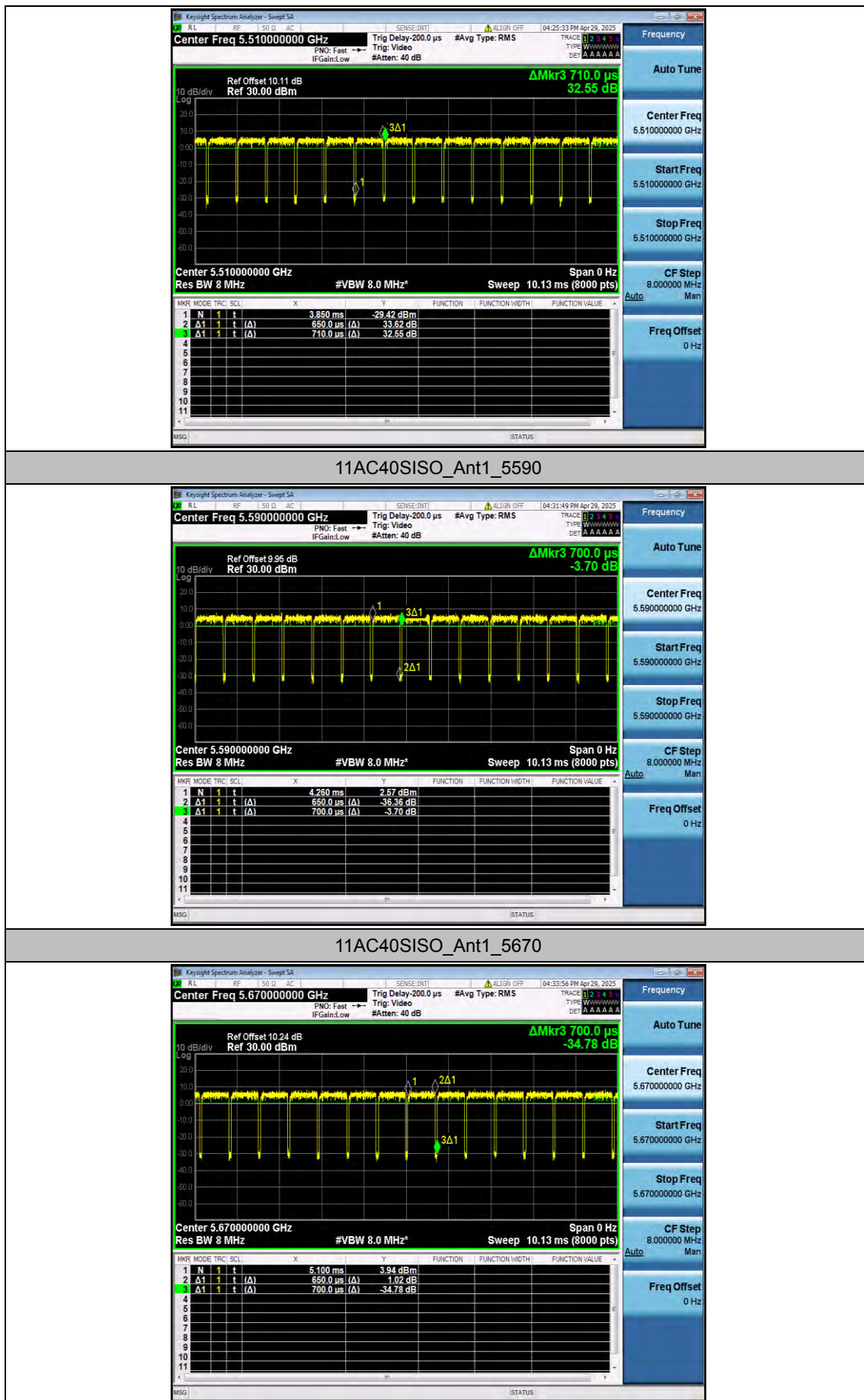


## 11AC20SISO\_Ant1\_5700

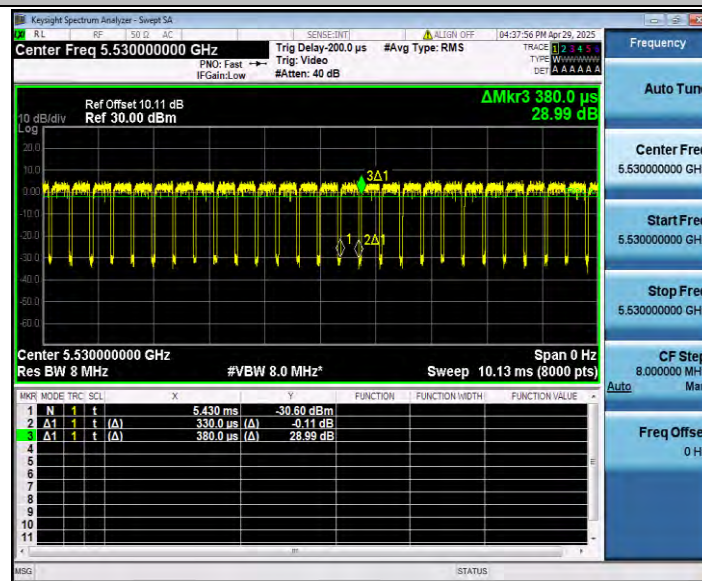


## 11AC40SISO\_Ant1\_5510

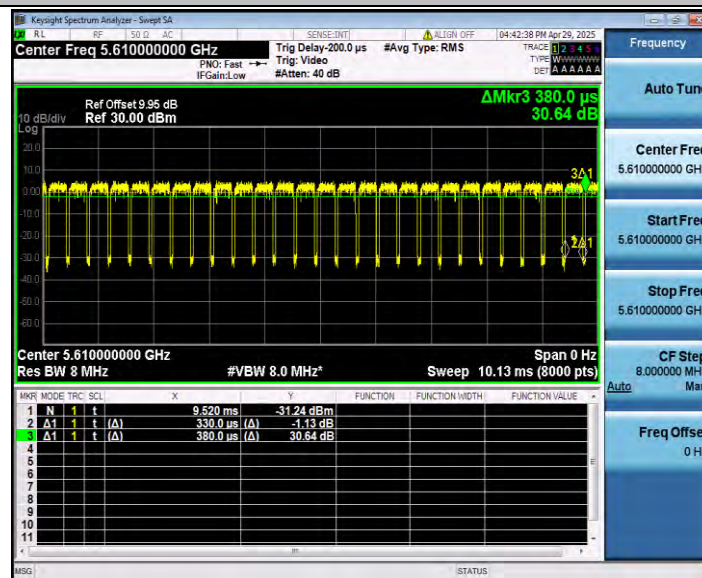




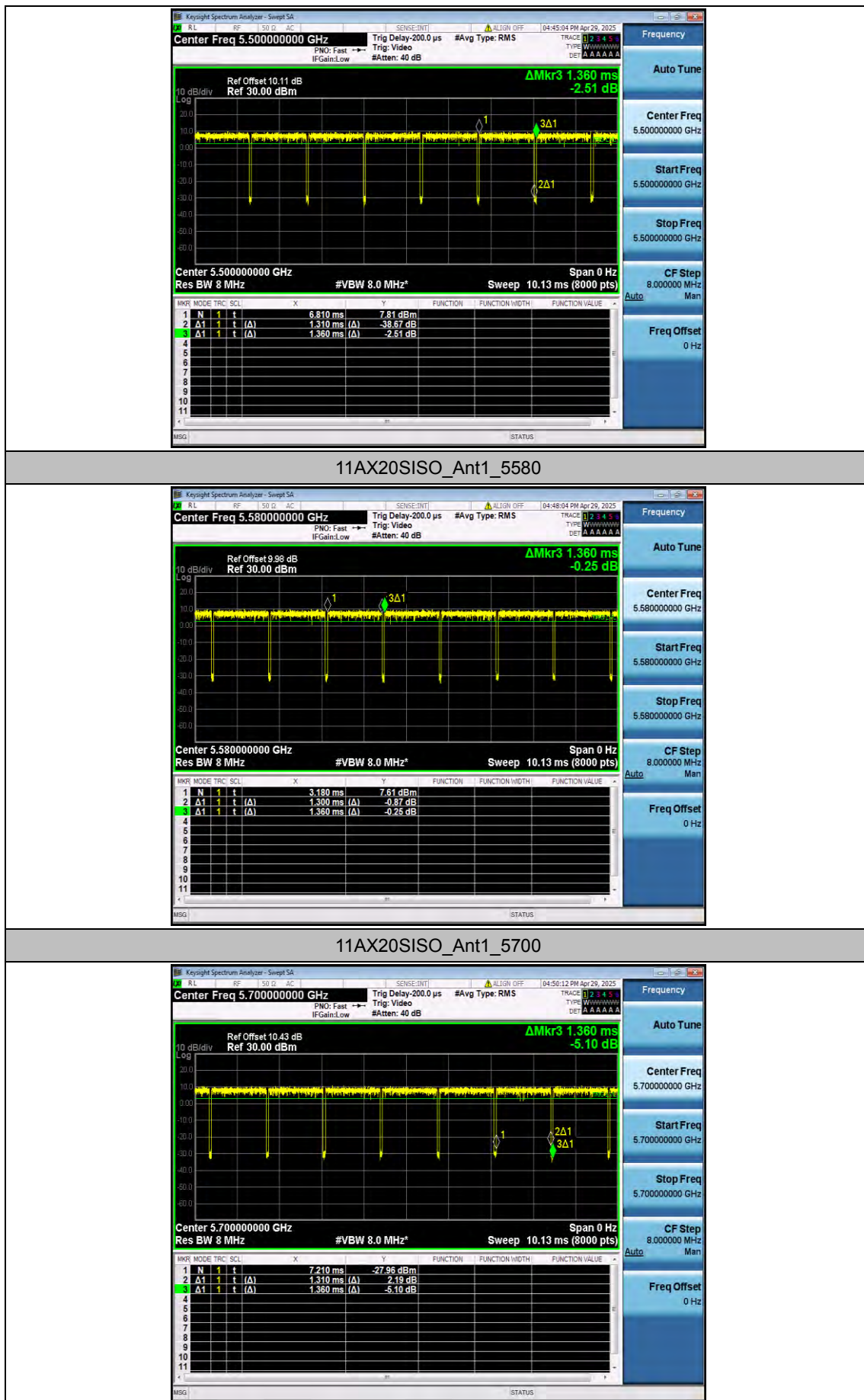
## 11AC80SISO\_Ant1\_5530



## 11AC80SISO\_Ant1\_5610

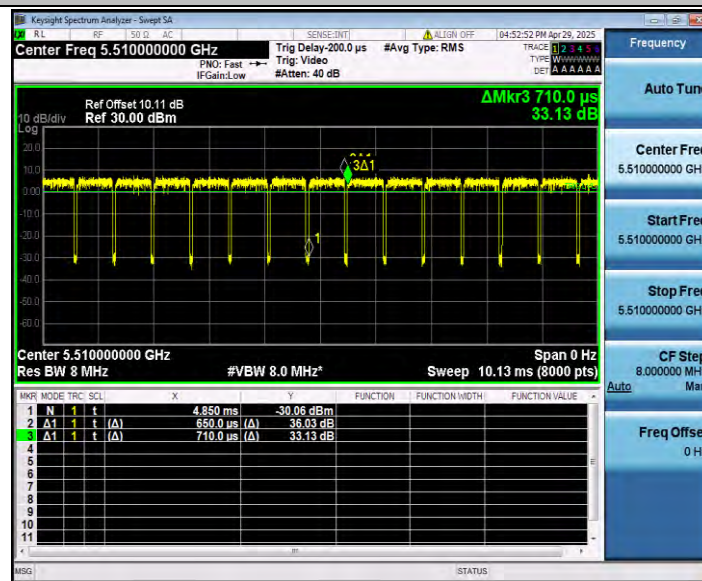


## 11AX20SISO\_Ant1\_5500

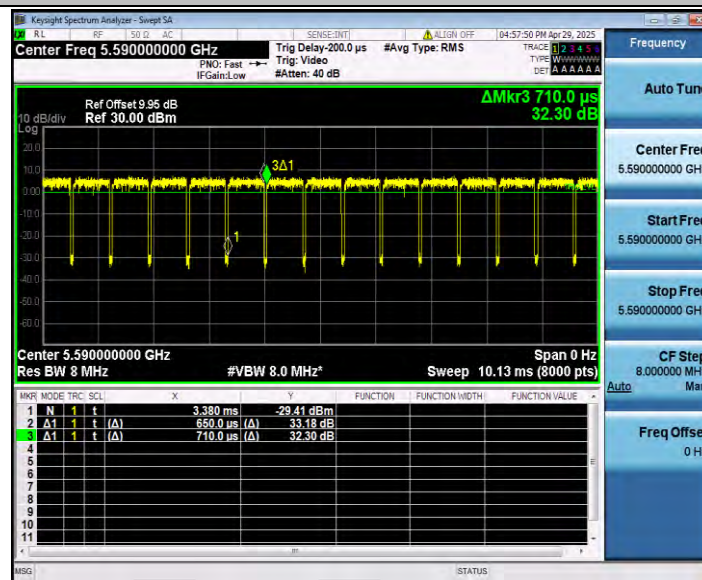




## 11AX40SISO\_Ant1\_5510



## 11AX40SISO\_Ant1\_5590



## 11AX40SISO\_Ant1\_5670



