

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Case No. : GTS20221010004-1-5                    |                           |
| Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa, |                           |
| Test Date: 2022.10.24                            | Test Engineer: Jenny zeng |

## Appendix D.1: Emission Bandwidth

### Test Result

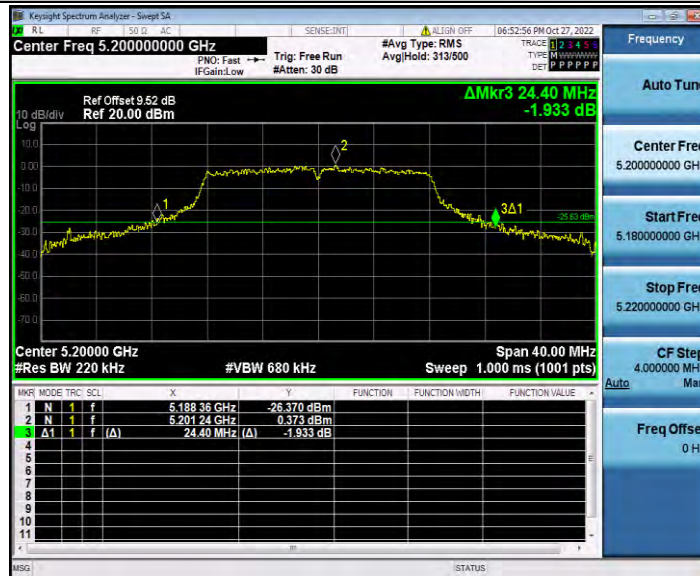
| TestMode   | Antenna | Frequency[MHz] | 26db<br>EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180           | 25.960               | 5167.440 | 5193.400 | ---        | ---     |
|            |         | 5200           | 24.400               | 5188.360 | 5212.760 | ---        | ---     |
|            |         | 5240           | 19.880               | 5230.040 | 5249.920 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 25.720               | 5167.480 | 5193.200 | ---        | ---     |
|            |         | 5200           | 26.120               | 5187.320 | 5213.440 | ---        | ---     |
|            |         | 5240           | 20.440               | 5229.760 | 5250.200 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 39.680               | 5170.320 | 5210.000 | ---        | ---     |
|            |         | 5230           | 39.920               | 5210.080 | 5250.000 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 24.440               | 5167.840 | 5192.280 | ---        | ---     |
|            |         | 5200           | 26.480               | 5188.600 | 5215.080 | ---        | ---     |
|            |         | 5240           | 20.200               | 5229.920 | 5250.120 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 39.440               | 5170.400 | 5209.840 | ---        | ---     |
|            |         | 5230           | 39.680               | 5210.240 | 5249.920 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 79.520               | 5170.480 | 5250.000 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180           | 22.400               | 5168.880 | 5191.280 | ---        | ---     |
|            |         | 5200           | 21.880               | 5189.200 | 5211.080 | ---        | ---     |
|            |         | 5240           | 19.800               | 5230.080 | 5249.880 | ---        | ---     |
| 11AX40SISO | Ant1    | 5190           | 39.520               | 5170.320 | 5209.840 | ---        | ---     |
|            |         | 5230           | 39.520               | 5210.240 | 5249.760 | ---        | ---     |
| 11AX80SISO | Ant1    | 5210           | 80.160               | 5170.000 | 5250.160 | ---        | ---     |

## Test Graphs

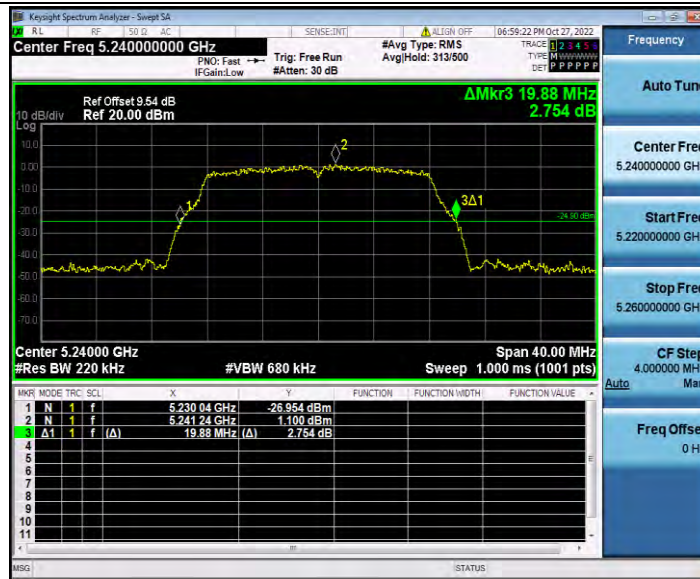
11A\_Ant1\_5180



11A\_Ant1\_5200



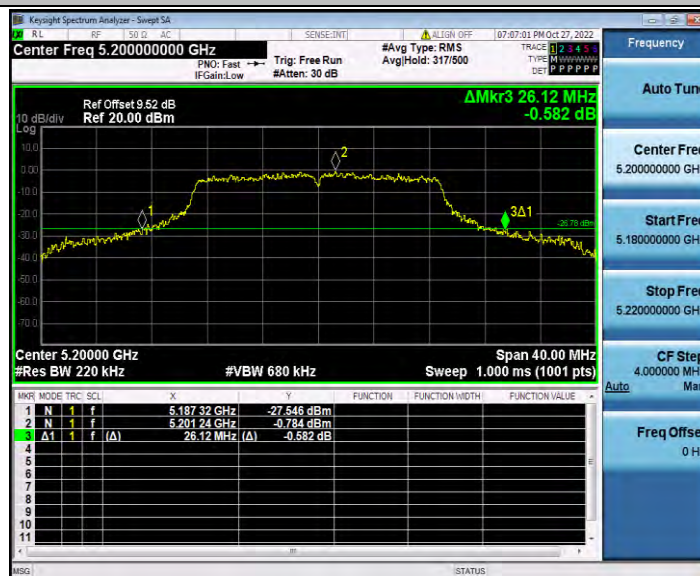
11A\_Ant1\_5240



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200



# 11N20SISO\_Ant1\_5240



# 11N40SISO\_Ant1\_5190



# 11N40SISO\_Ant1\_5230





11AC20SISO\_Ant1\_5180



11AC20SISO\_Ant1\_5200



11AC20SISO\_Ant1\_5240



11AC40SISO\_Ant1\_5190



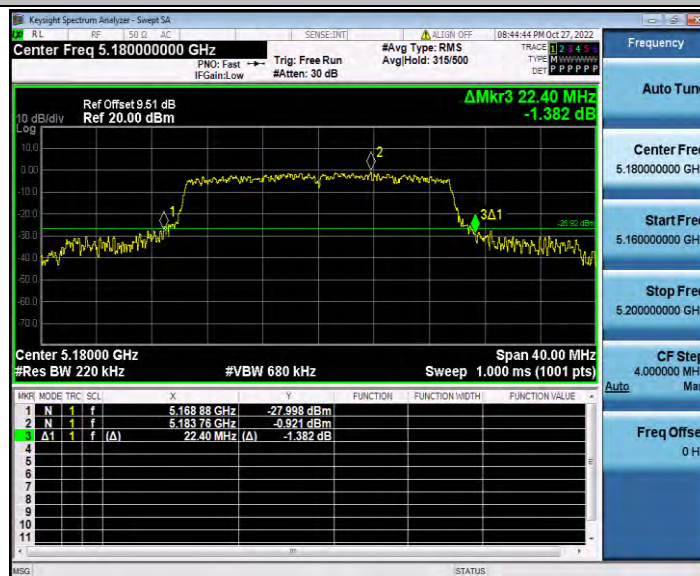
11AC40SISO\_Ant1\_5230



11AC80SISO\_Ant1\_5210

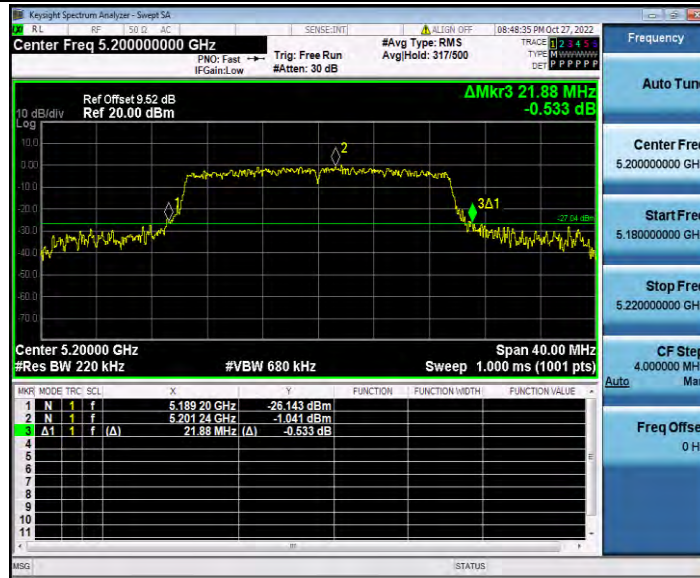


11AX20SISO\_Ant1\_5180

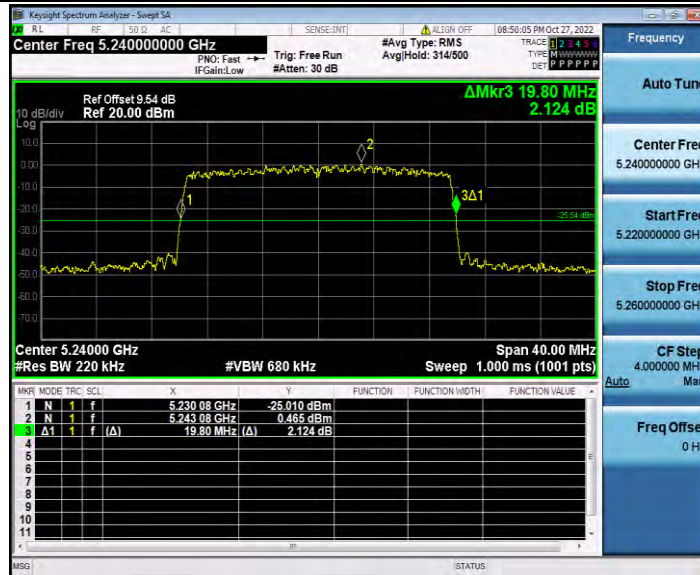




# 11AX20SISO\_Ant1\_5200

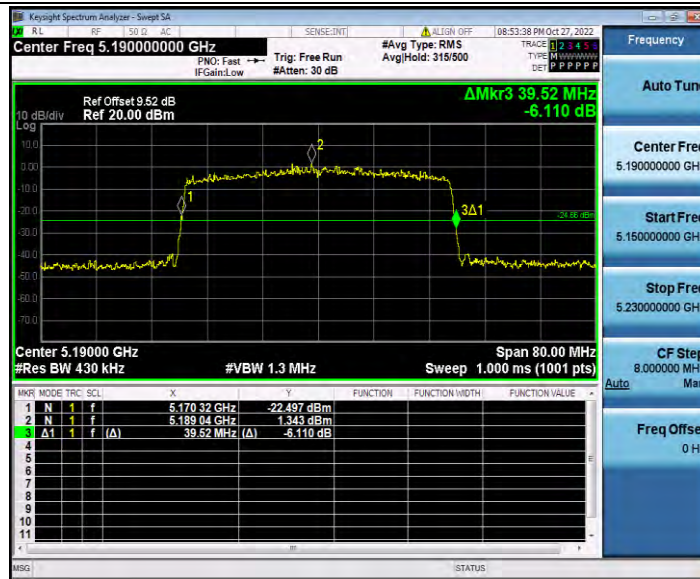


# 11AX20SISO\_Ant1\_5240



# 11AX40SISO\_Ant1\_5190





11AX40ISO\_Ant1\_5230



11AX80ISO\_Ant1\_5210



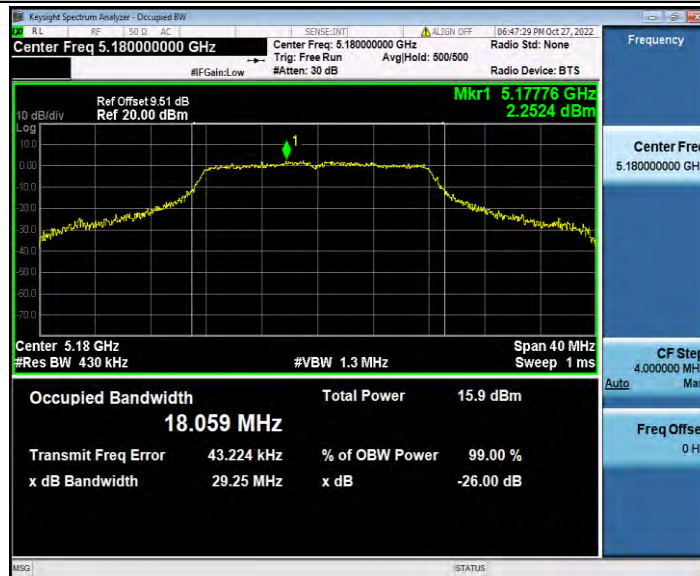
## Appendix D.2: Occupied channel bandwidth

### Test Result

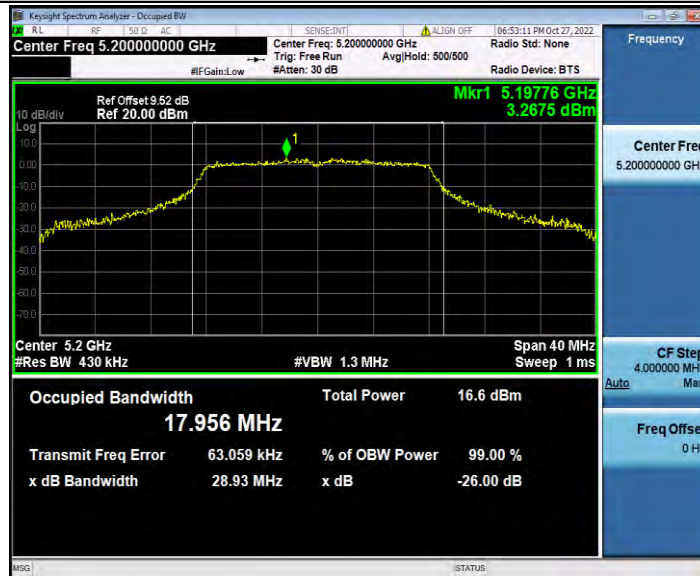
| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180           | 18.059    | 5171.014 | 5189.073 | ---        | ---     |
|            |         | 5200           | 17.956    | 5191.085 | 5209.041 | ---        | ---     |
|            |         | 5240           | 16.943    | 5231.533 | 5248.476 | ---        | ---     |
| 11N20SISO  | Ant1    | 5180           | 19.079    | 5170.500 | 5189.579 | ---        | ---     |
|            |         | 5200           | 19.089    | 5190.481 | 5209.570 | ---        | ---     |
|            |         | 5240           | 17.854    | 5231.065 | 5248.919 | ---        | ---     |
| 11N40SISO  | Ant1    | 5190           | 36.001    | 5172.109 | 5208.110 | ---        | ---     |
|            |         | 5230           | 36.010    | 5212.046 | 5248.056 | ---        | ---     |
| 11AC20SISO | Ant1    | 5180           | 18.409    | 5170.831 | 5189.240 | ---        | ---     |
|            |         | 5200           | 18.458    | 5190.792 | 5209.250 | ---        | ---     |
|            |         | 5240           | 17.682    | 5231.145 | 5248.827 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 35.861    | 5172.129 | 5207.990 | ---        | ---     |
|            |         | 5230           | 35.898    | 5212.093 | 5247.991 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 75.004    | 5172.700 | 5247.704 | ---        | ---     |
| 11AX20SISO | Ant1    | 5180           | 19.202    | 5170.370 | 5189.572 | ---        | ---     |
|            |         | 5200           | 19.192    | 5190.408 | 5209.600 | ---        | ---     |
|            |         | 5240           | 18.898    | 5230.536 | 5249.434 | ---        | ---     |
| 11AX40SISO | Ant1    | 5190           | 37.551    | 5171.259 | 5208.810 | ---        | ---     |
|            |         | 5230           | 37.524    | 5211.240 | 5248.764 | ---        | ---     |
| 11AX80SISO | Ant1    | 5210           | 76.767    | 5171.824 | 5248.591 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5180



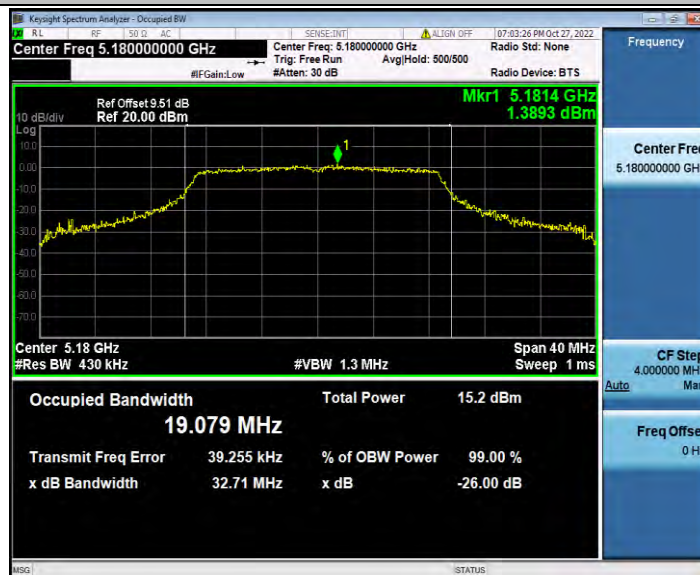
11A\_Ant1\_5200



11A\_Ant1\_5240



11N20SISO\_Ant1\_5180



11N20SISO\_Ant1\_5200

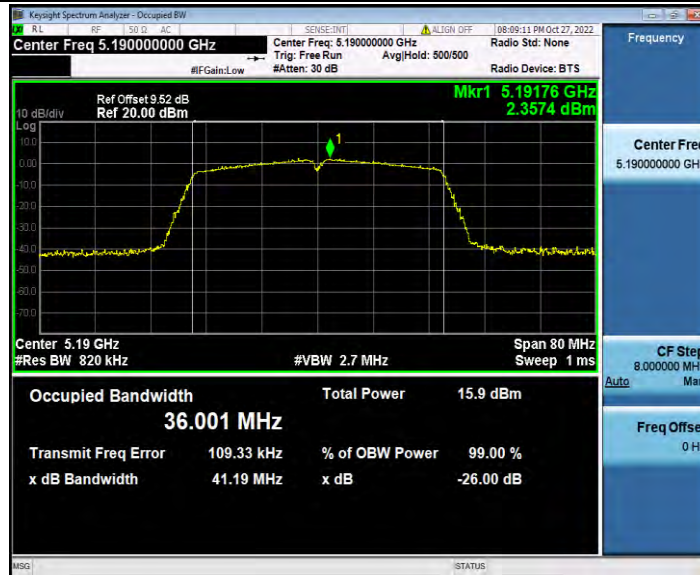




# 11N20SISO\_Ant1\_5240



# 11N40SISO\_Ant1\_5190



# 11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180



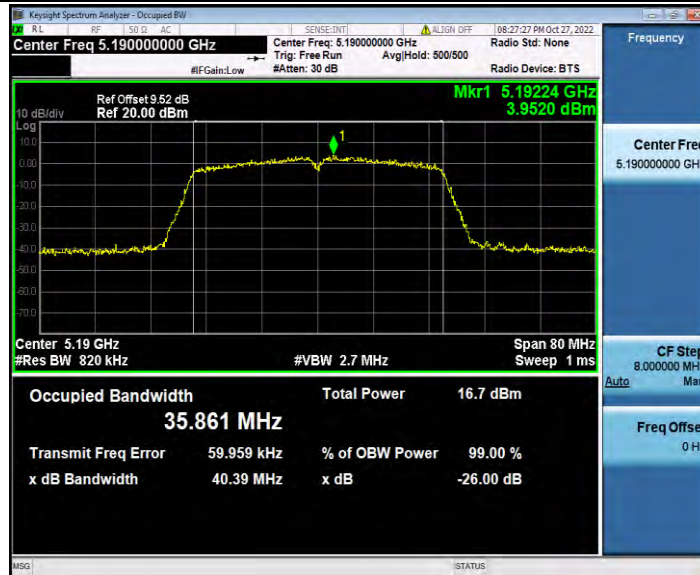
11AC20SISO\_Ant1\_5200



# 11AC20SISO\_Ant1\_5240



# 11AC40SISO\_Ant1\_5190



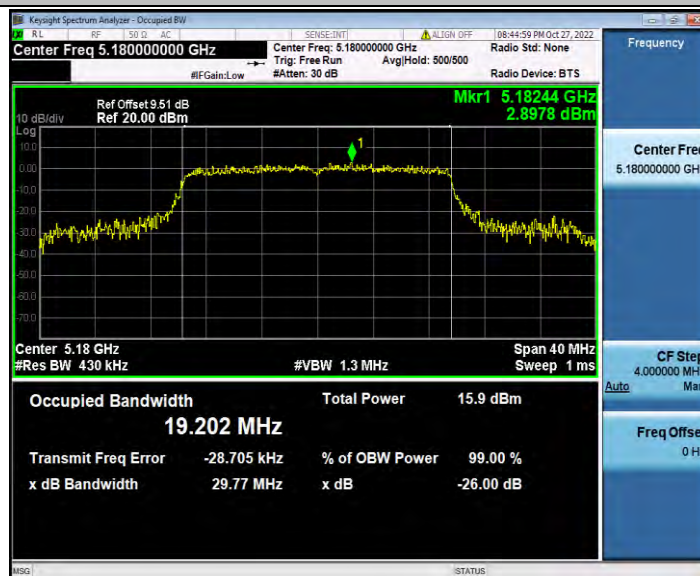
# 11AC40SISO\_Ant1\_5230



11AC80SISO\_Ant1\_5210

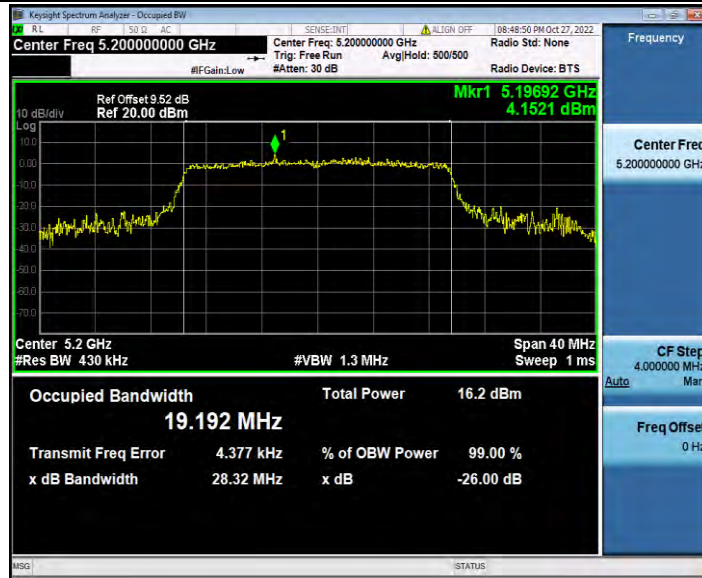


11AX20SISO\_Ant1\_5180

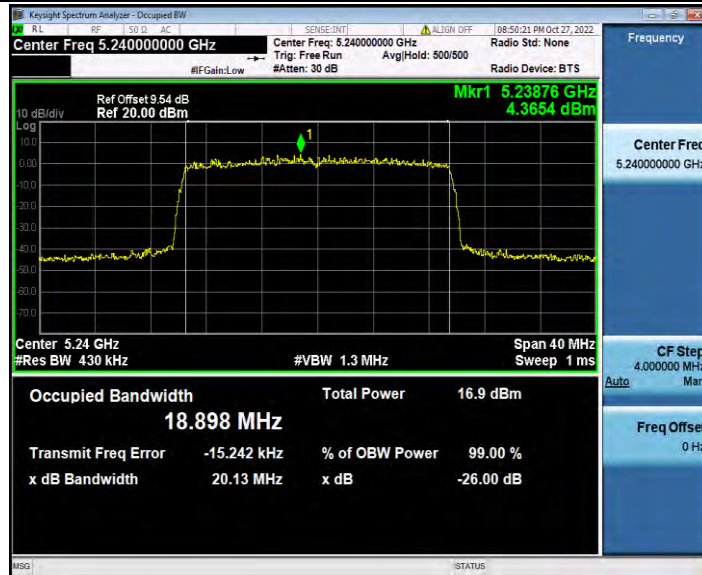




# 11AX20SISO\_Ant1\_5200



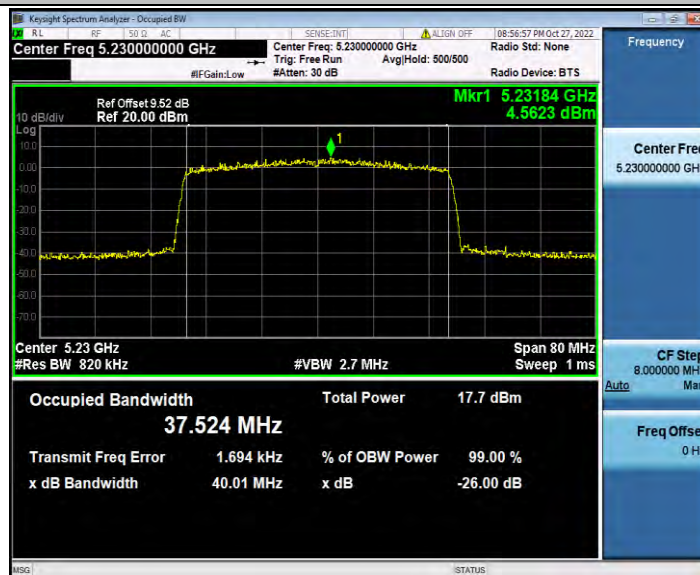
# 11AX20SISO\_Ant1\_5240



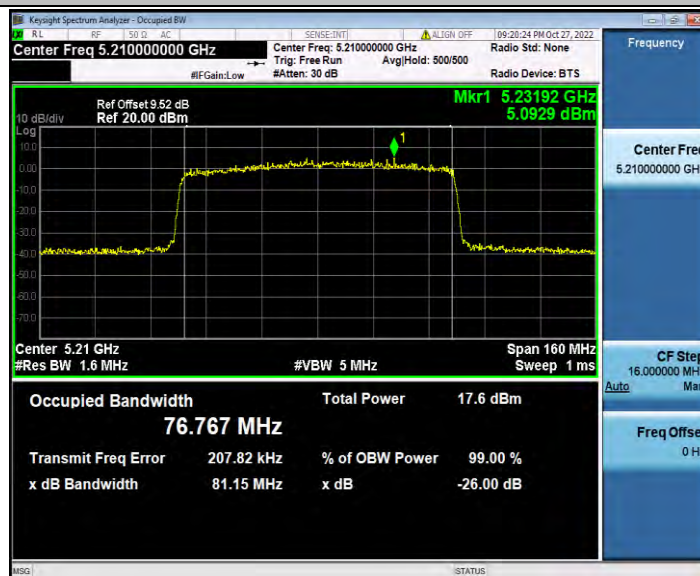
# 11AX40SISO\_Ant1\_5190



11AX40ISO\_Ant1\_5230



11AX80ISO\_Ant1\_5210



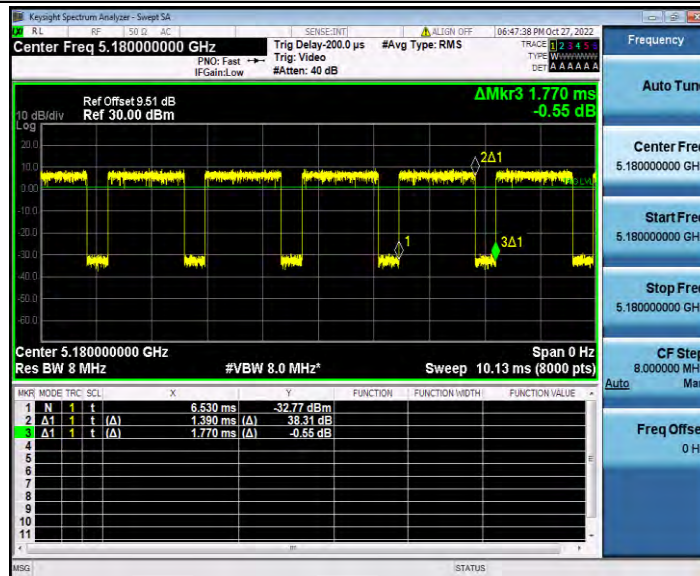
## Appendix D.3: Duty Cycle

### Test Result

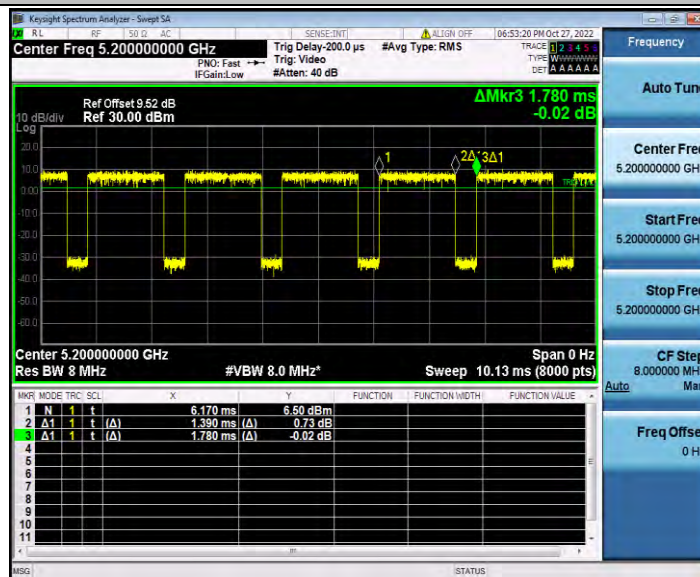
| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant1    | 5180           | 1.39                       | 1.77                     | 78.53          |
|            |         | 5200           | 1.39                       | 1.78                     | 78.09          |
|            |         | 5240           | 1.39                       | 1.77                     | 78.53          |
| 11N20SISO  | Ant1    | 5180           | 1.30                       | 1.69                     | 76.92          |
|            |         | 5200           | 1.30                       | 1.68                     | 77.38          |
|            |         | 5240           | 1.30                       | 1.69                     | 76.92          |
| 11N40SISO  | Ant1    | 5190           | 0.64                       | 1.01                     | 63.37          |
|            |         | 5230           | 0.64                       | 1.01                     | 63.37          |
| 11AC20SISO | Ant1    | 5180           | 0.68                       | 1.08                     | 62.96          |
|            |         | 5200           | 0.68                       | 1.07                     | 63.55          |
|            |         | 5240           | 0.68                       | 1.07                     | 63.55          |
| 11AC40SISO | Ant1    | 5190           | 0.35                       | 0.74                     | 47.30          |
|            |         | 5230           | 0.35                       | 0.74                     | 47.30          |
| 11AC80SISO | Ant1    | 5210           | 0.19                       | 0.58                     | 32.76          |
| 11AX20SISO | Ant1    | 5180           | 0.21                       | 0.57                     | 36.84          |
|            |         | 5200           | 0.21                       | 0.56                     | 37.50          |
|            |         | 5240           | 0.20                       | 0.56                     | 35.71          |
| 11AX40SISO | Ant1    | 5190           | 0.20                       | 0.57                     | 35.09          |
|            |         | 5230           | 0.20                       | 0.55                     | 36.36          |
| 11AX80SISO | Ant1    | 5210           | 0.19                       | 0.58                     | 32.76          |

## Test Graphs

11A\_Ant1\_5180

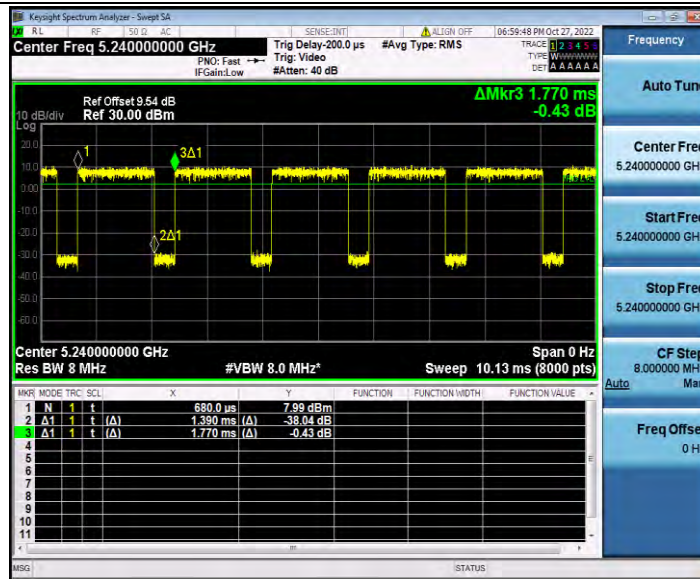


11A\_Ant1\_5200

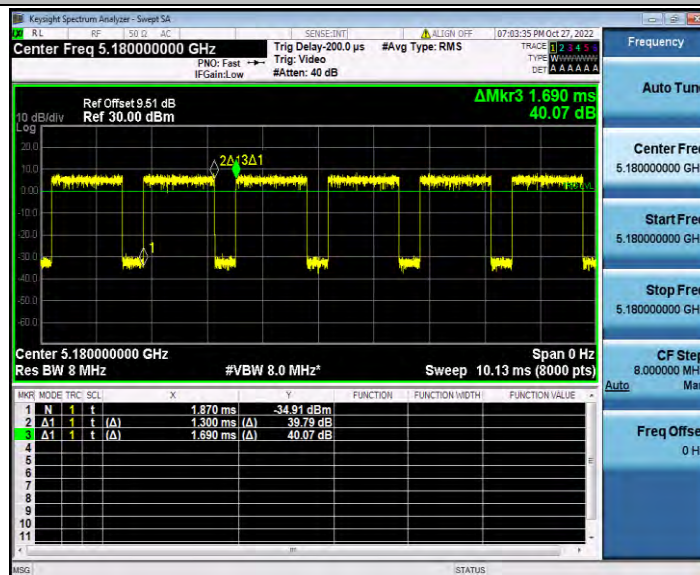


11A\_Ant1\_5240

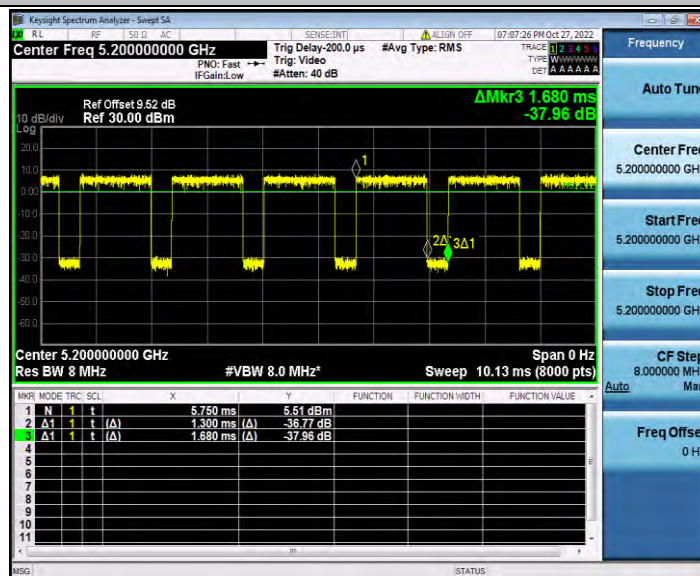




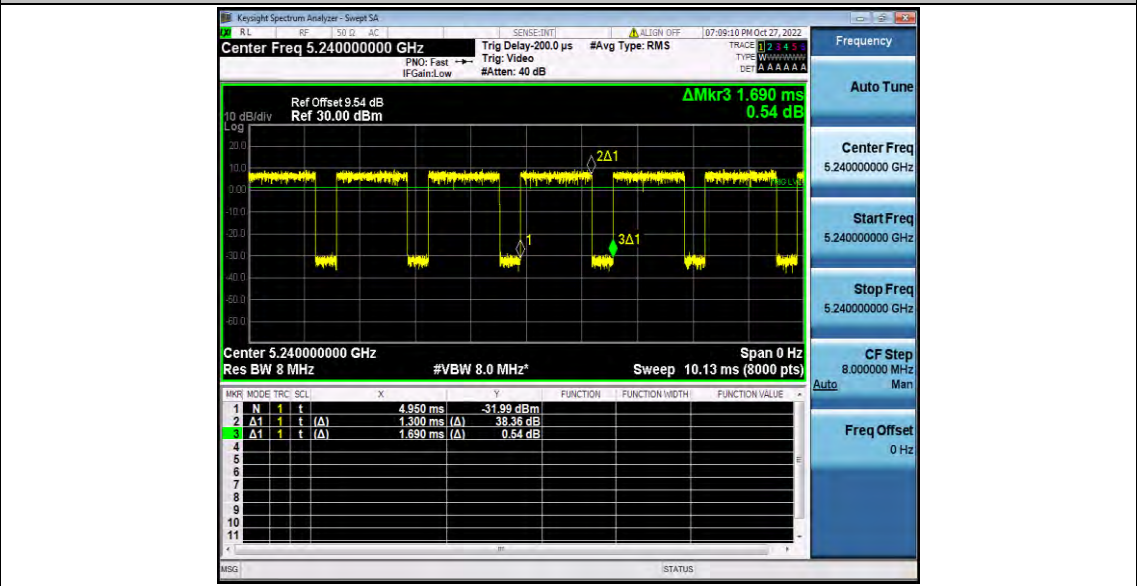
11N20SISO\_Ant1\_5180



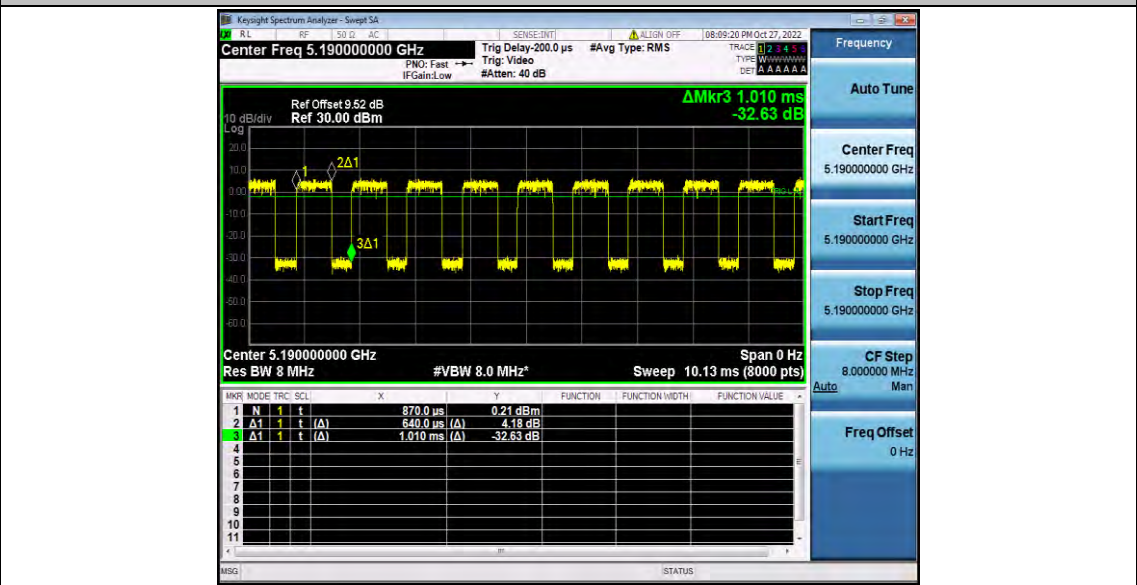
11N20SISO\_Ant1\_5200



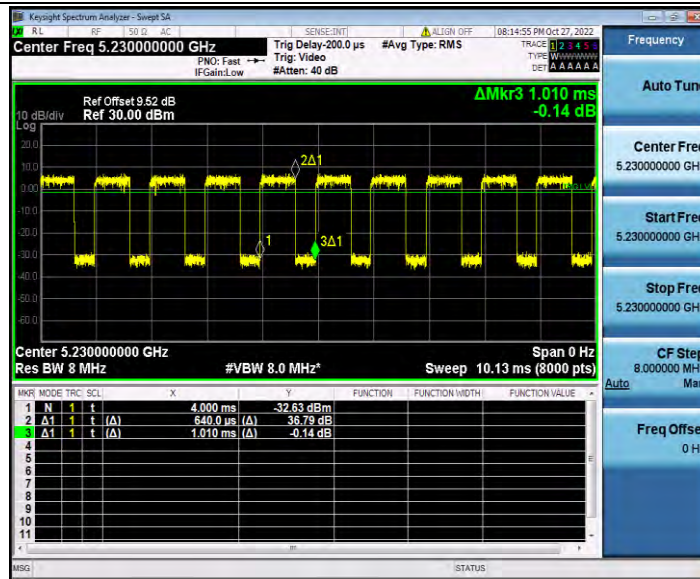
## 11N20SISO\_Ant1\_5240



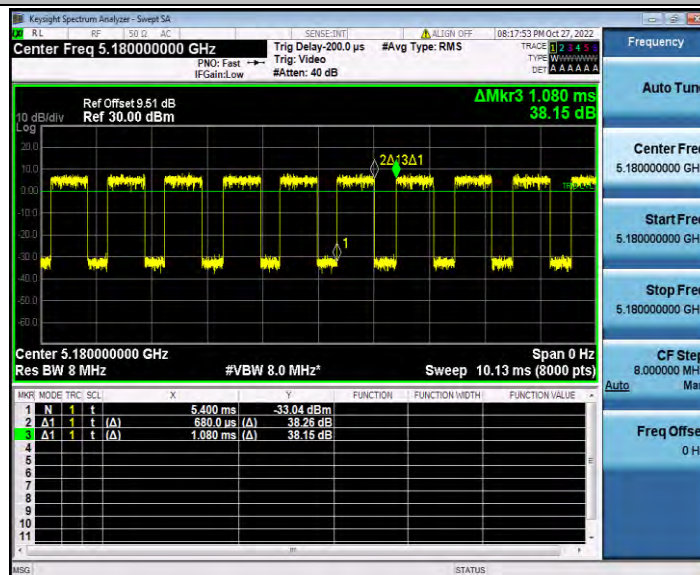
## 11N40SISO\_Ant1\_5190



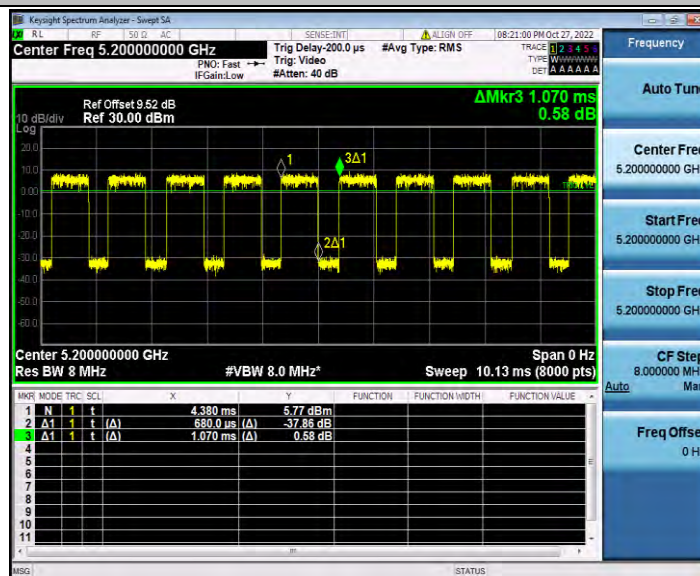
11N40SISO\_Ant1\_5230



11AC20SISO\_Ant1\_5180

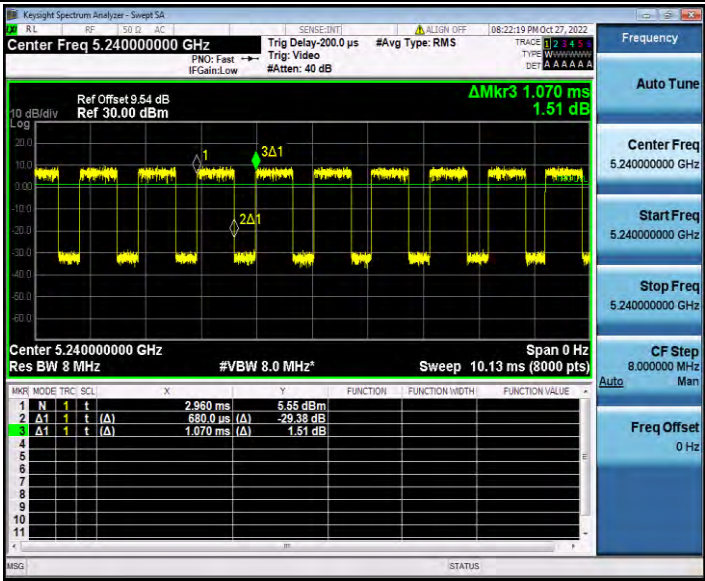


11AC20SISO\_Ant1\_5200

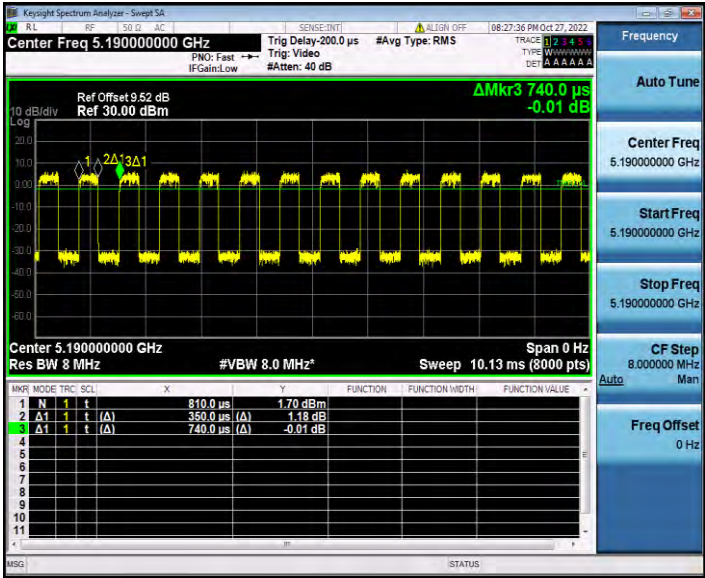




11AC20SISO\_Ant1\_5240

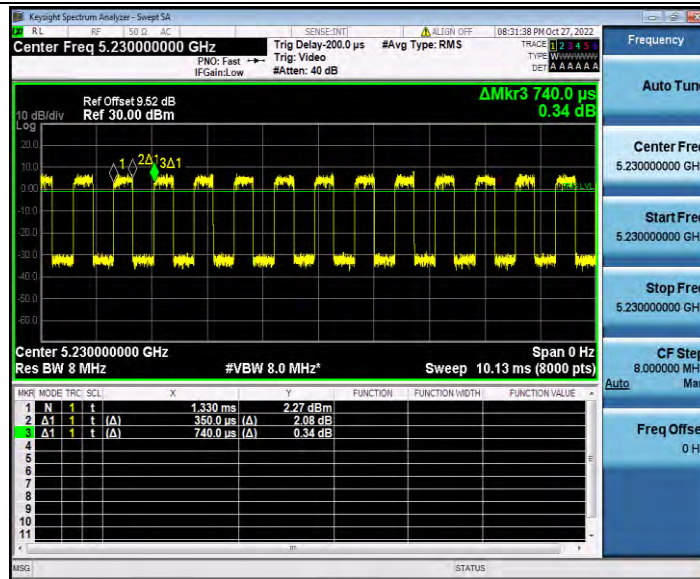


11AC40SISO\_Ant1\_5190

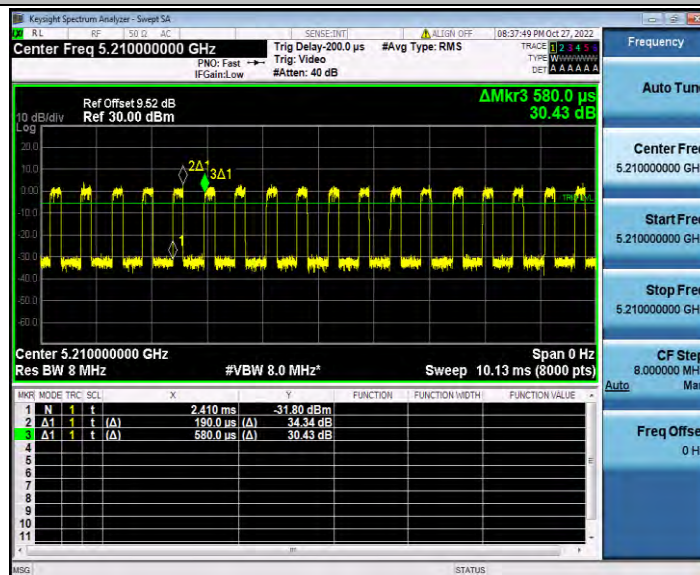


11AC40SISO\_Ant1\_5230

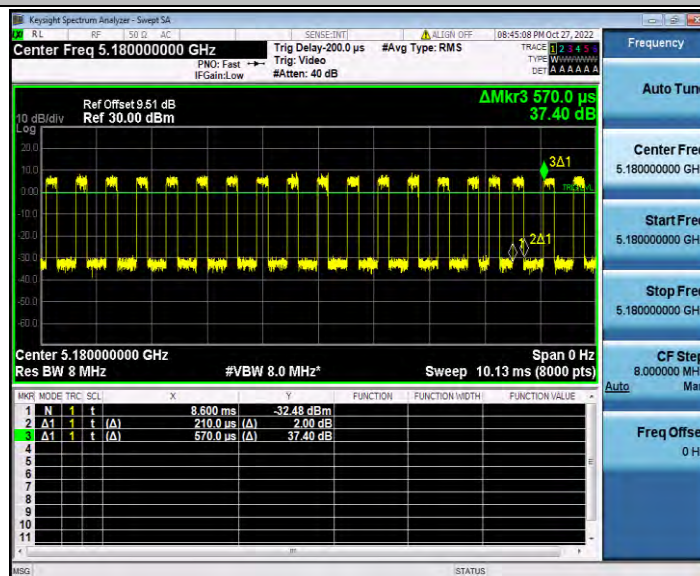




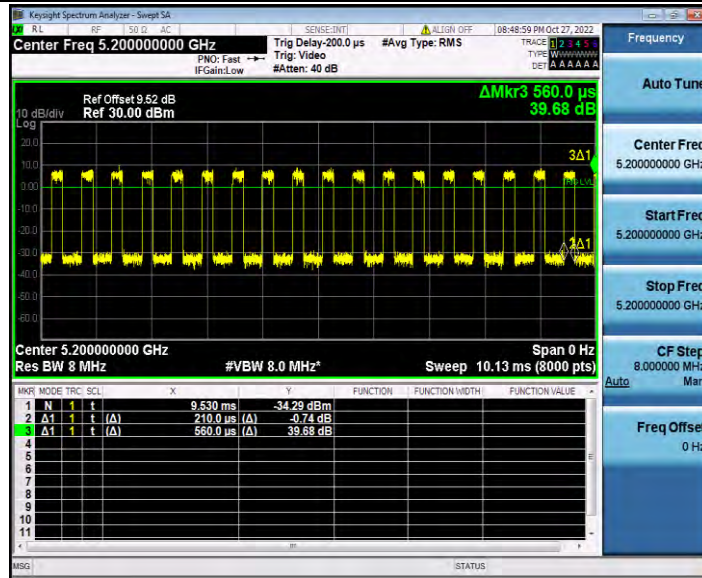
11AC80SISO\_Ant1\_5210



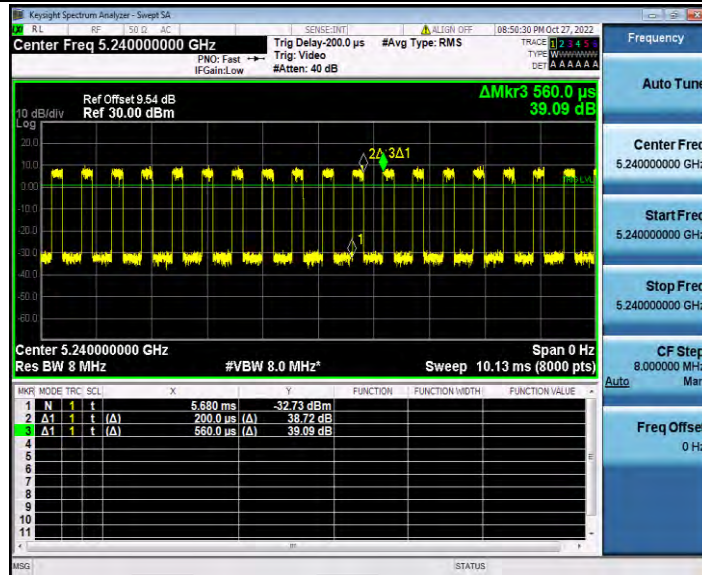
11AX20SISO\_Ant1\_5180



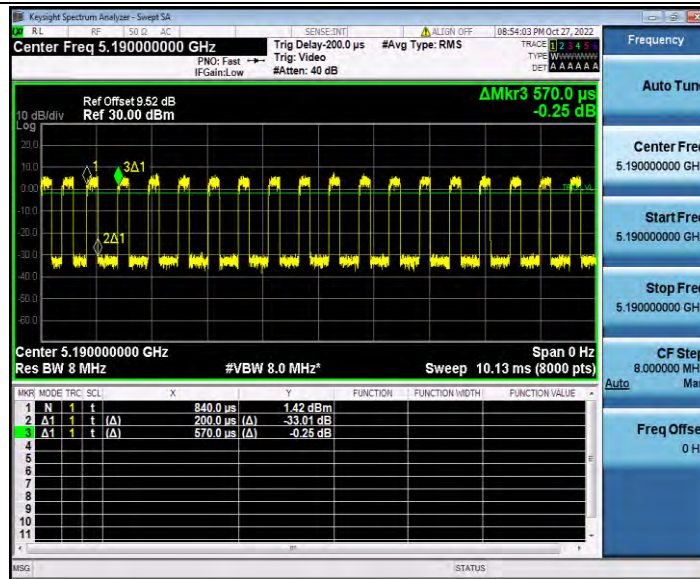
# 11AX20SISO\_Ant1\_5200



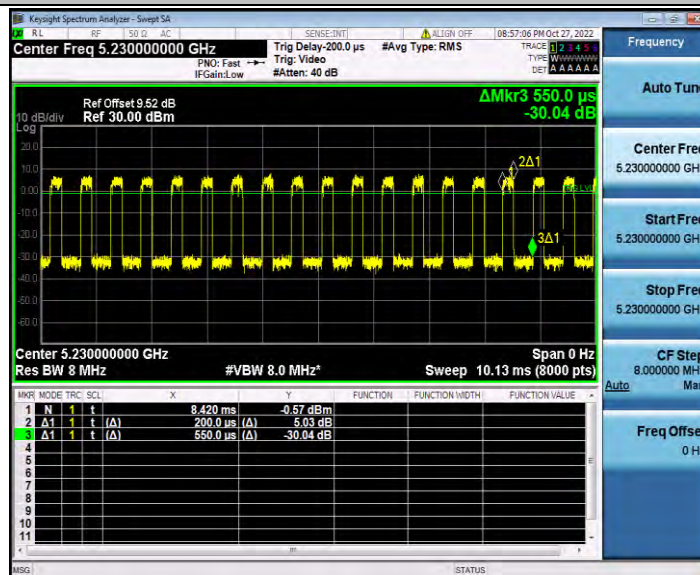
# 11AX20SISO\_Ant1\_5240



# 11AX40SISO\_Ant1\_5190



11AX40ISO\_Ant1\_5230



11AX80ISO\_Ant1\_5210

