

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Case No. : GTS20221226006-1-3                    |                           |
| Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa, |                           |
| Test Date: 2023.1.31                             | Test Engineer: Jenny zeng |

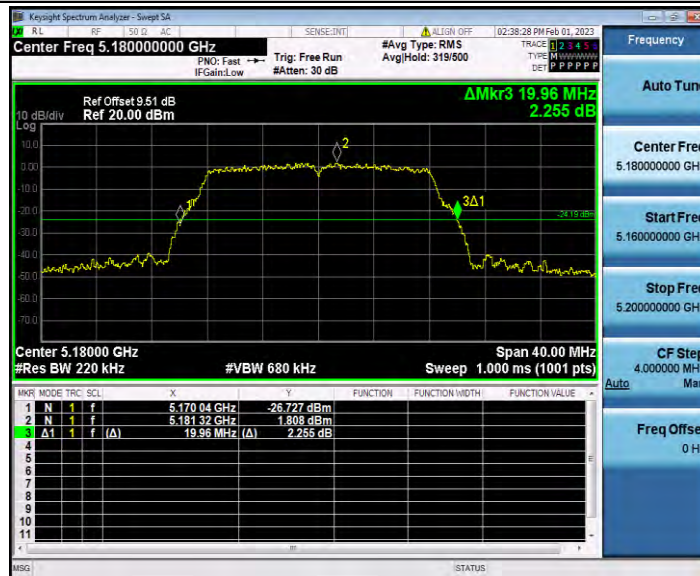
## Appendix B.1: Emission Bandwidth

### Test Result

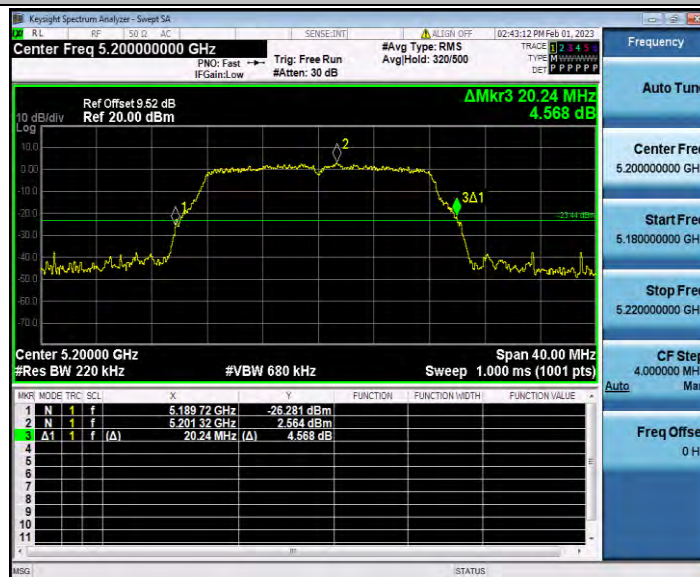
| TestMode   | Antenna | Frequency[MHz] | 26db<br>EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11A        | Ant3    | 5180           | 19.960               | 5170.040 | 5190.000 | ---        | ---     |
|            |         | 5200           | 20.240               | 5189.720 | 5209.960 | ---        | ---     |
|            |         | 5240           | 20.120               | 5229.960 | 5250.080 | ---        | ---     |
| 11N20SISO  | Ant3    | 5180           | 20.400               | 5169.840 | 5190.240 | ---        | ---     |
|            |         | 5200           | 20.280               | 5189.920 | 5210.200 | ---        | ---     |
|            |         | 5240           | 20.360               | 5229.880 | 5250.240 | ---        | ---     |
| 11N40SISO  | Ant3    | 5190           | 40.160               | 5169.920 | 5210.080 | ---        | ---     |
|            |         | 5230           | 40.240               | 5210.080 | 5250.320 | ---        | ---     |
| 11AC20SISO | Ant3    | 5180           | 20.200               | 5169.920 | 5190.120 | ---        | ---     |
|            |         | 5200           | 20.520               | 5189.600 | 5210.120 | ---        | ---     |
|            |         | 5240           | 20.240               | 5229.960 | 5250.200 | ---        | ---     |
| 11AC40SISO | Ant3    | 5190           | 39.600               | 5170.560 | 5210.160 | ---        | ---     |
|            |         | 5230           | 39.840               | 5210.160 | 5250.000 | ---        | ---     |
| 11AC80SISO | Ant3    | 5210           | 79.200               | 5170.480 | 5249.680 | ---        | ---     |
| 11AX20SISO | Ant3    | 5180           | 23.880               | 5167.760 | 5191.640 | ---        | ---     |
|            |         | 5200           | 28.080               | 5183.360 | 5211.440 | ---        | ---     |
|            |         | 5240           | 19.920               | 5230.040 | 5249.960 | ---        | ---     |
| 11AX40SISO | Ant3    | 5190           | 39.680               | 5170.240 | 5209.920 | ---        | ---     |
|            |         | 5230           | 39.600               | 5210.240 | 5249.840 | ---        | ---     |
| 11AX80SISO | Ant3    | 5210           | 80.000               | 5170.160 | 5250.160 | ---        | ---     |

## Test Graphs

11A\_Ant3\_5180



11A\_Ant3\_5200



11A\_Ant3\_5240



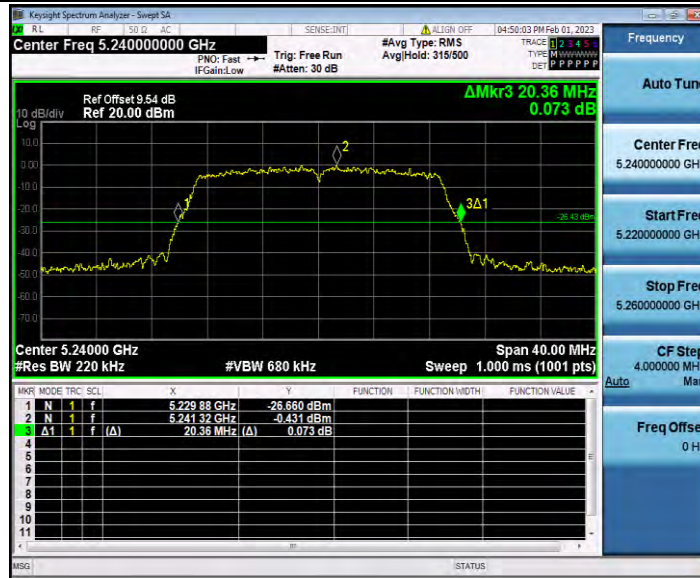
11N20SISO\_Ant3\_5180



11N20SISO\_Ant3\_5200



# 11N20SISO\_Ant3\_5240



# 11N40SISO\_Ant3\_5190



# 11N40SISO\_Ant3\_5230



11AC20SISO\_Ant3\_5180



11AC20SISO\_Ant3\_5200



11AC20SISO\_Ant3\_5240



11AC40SISO\_Ant3\_5190



11AC40SISO\_Ant3\_5230



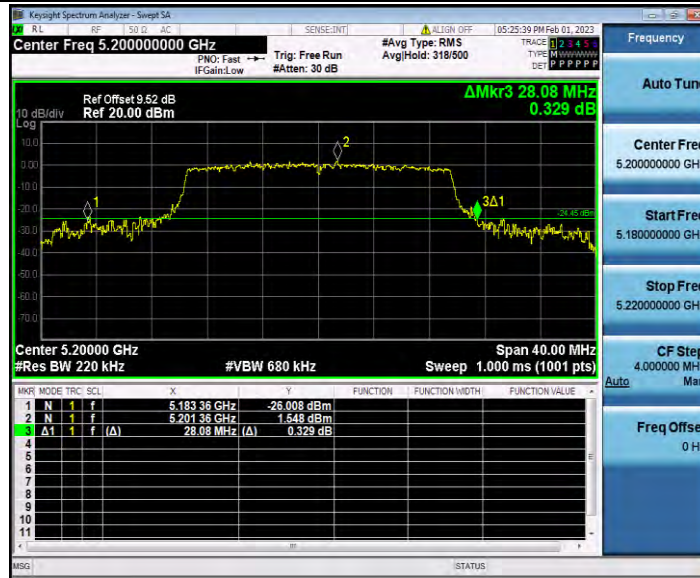
11AC80SISO\_Ant3\_5210



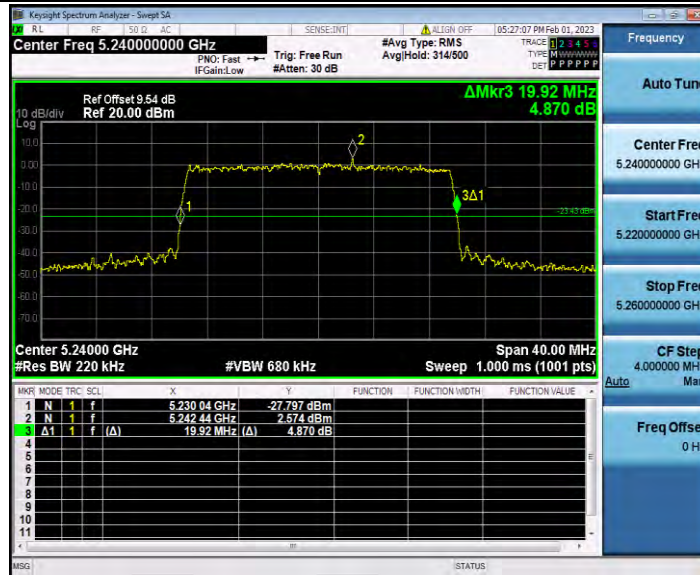
11AX20SISO\_Ant3\_5180



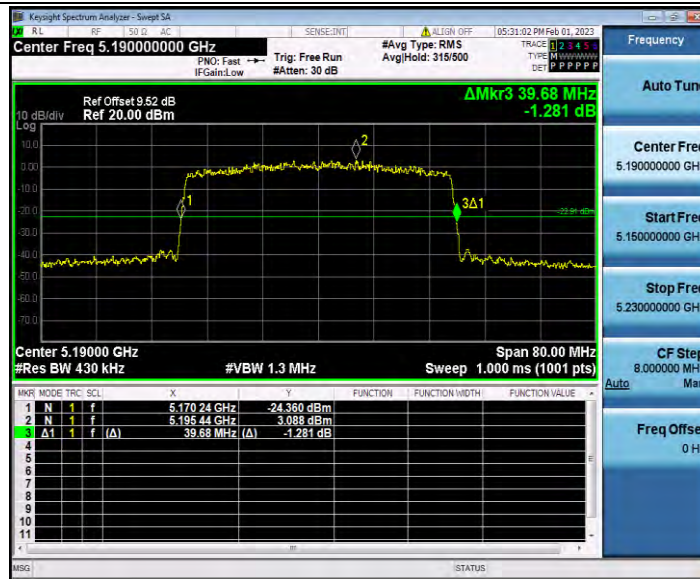
# 11AX20SISO\_Ant3\_5200



# 11AX20SISO\_Ant3\_5240



# 11AX40SISO\_Ant3\_5190



11AX40ISO\_Ant3\_5230



11AX80ISO\_Ant3\_5210



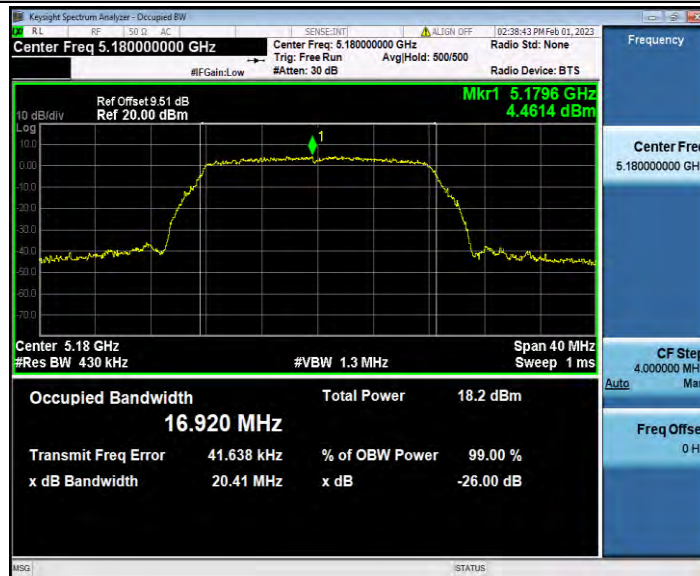
## Appendix B.2: Occupied channel bandwidth

### Test Result

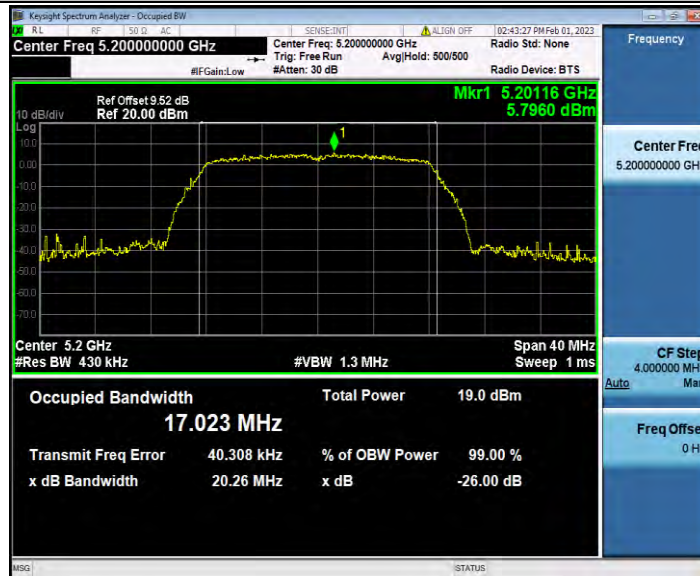
| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A        | Ant3    | 5180           | 16.920    | 5171.582 | 5188.502 | ---        | ---     |
|            |         | 5200           | 17.023    | 5191.529 | 5208.552 | ---        | ---     |
|            |         | 5240           | 17.027    | 5231.506 | 5248.533 | ---        | ---     |
| 11N20SISO  | Ant3    | 5180           | 17.931    | 5171.089 | 5189.020 | ---        | ---     |
|            |         | 5200           | 17.937    | 5191.095 | 5209.032 | ---        | ---     |
|            |         | 5240           | 17.932    | 5231.088 | 5249.020 | ---        | ---     |
| 11N40SISO  | Ant3    | 5190           | 36.071    | 5172.075 | 5208.146 | ---        | ---     |
|            |         | 5230           | 36.056    | 5212.049 | 5248.105 | ---        | ---     |
| 11AC20SISO | Ant3    | 5180           | 17.753    | 5171.152 | 5188.905 | ---        | ---     |
|            |         | 5200           | 17.826    | 5191.143 | 5208.969 | ---        | ---     |
|            |         | 5240           | 17.717    | 5231.194 | 5248.911 | ---        | ---     |
| 11AC40SISO | Ant3    | 5190           | 35.849    | 5172.125 | 5207.974 | ---        | ---     |
|            |         | 5230           | 35.957    | 5212.060 | 5248.017 | ---        | ---     |
| 11AC80SISO | Ant3    | 5210           | 74.895    | 5172.604 | 5247.499 | ---        | ---     |
| 11AX20SISO | Ant3    | 5180           | 19.370    | 5170.324 | 5189.694 | ---        | ---     |
|            |         | 5200           | 19.258    | 5190.401 | 5209.659 | ---        | ---     |
|            |         | 5240           | 18.892    | 5230.586 | 5249.478 | ---        | ---     |
| 11AX40SISO | Ant3    | 5190           | 37.565    | 5171.313 | 5208.878 | ---        | ---     |
|            |         | 5230           | 37.661    | 5211.240 | 5248.901 | ---        | ---     |
| 11AX80SISO | Ant3    | 5210           | 76.895    | 5171.618 | 5248.513 | ---        | ---     |

## Test Graphs

11A\_Ant3\_5180



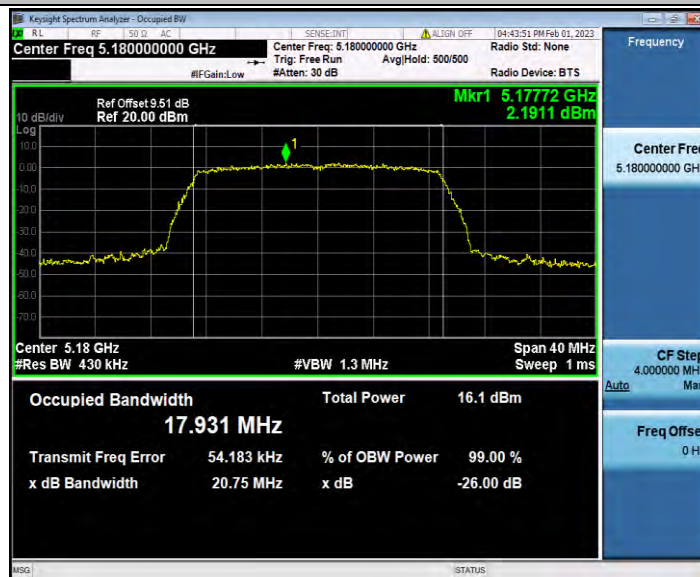
11A\_Ant3\_5200



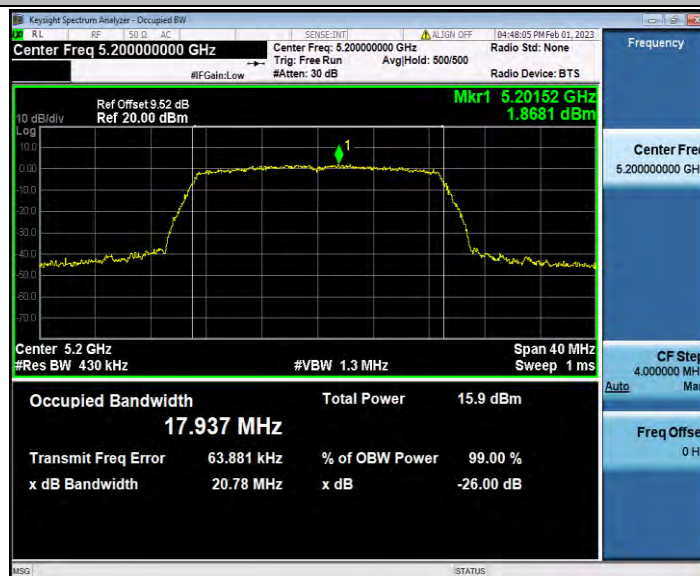
11A\_Ant3\_5240



11N20SISO\_Ant3\_5180



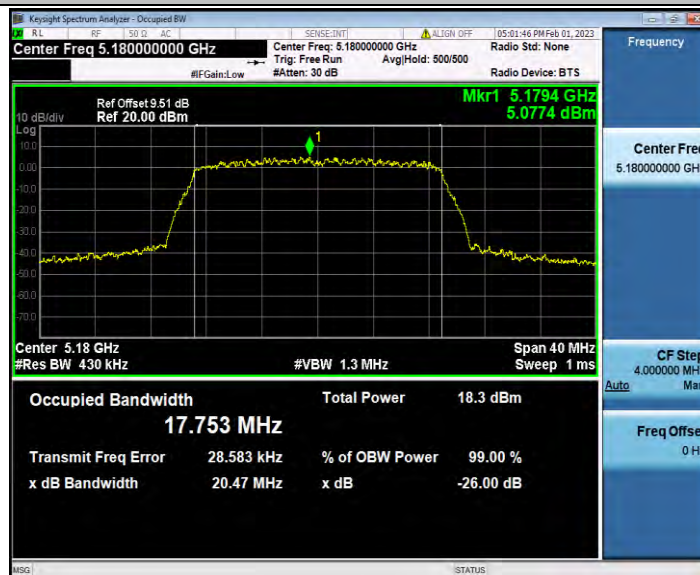
11N20SISO\_Ant3\_5200



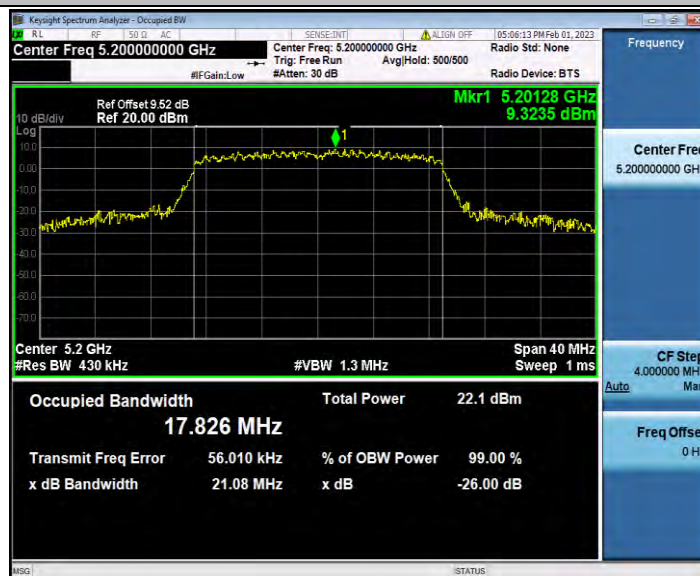




11AC20SISO\_Ant3\_5180



11AC20SISO\_Ant3\_5200



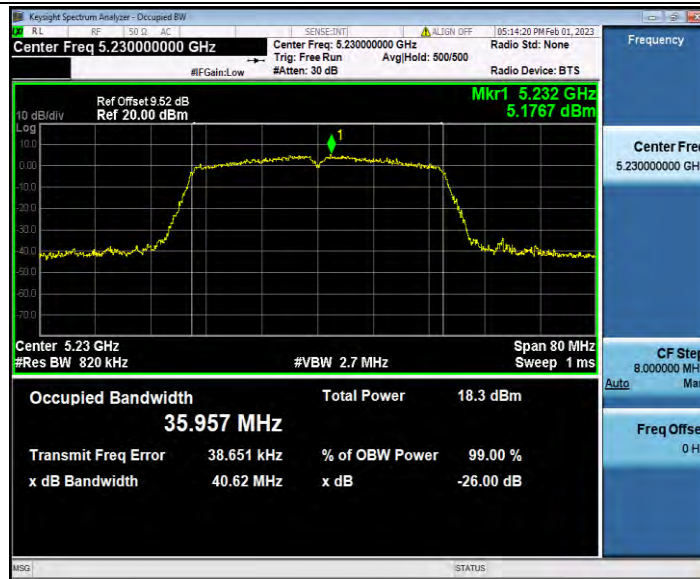
11AC20SISO\_Ant3\_5240



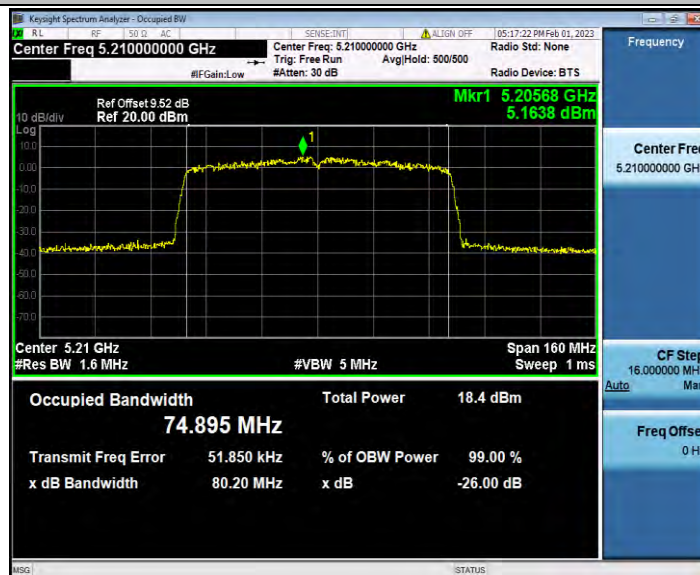
11AC40SISO\_Ant3\_5190



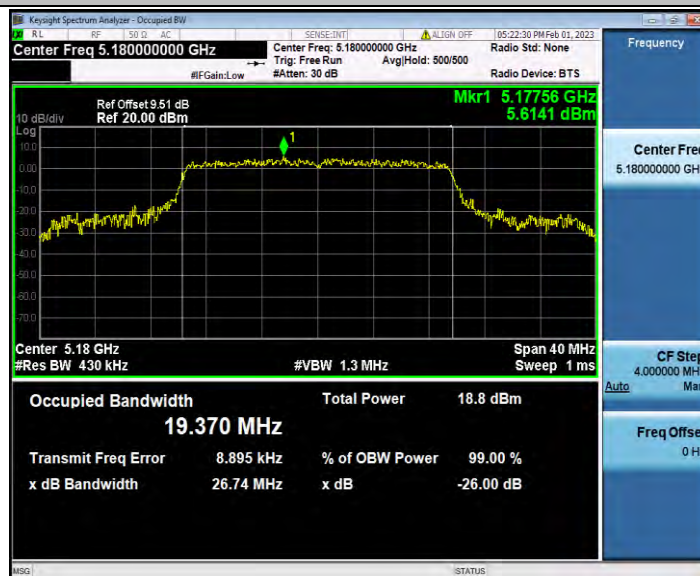
11AC40SISO\_Ant3\_5230



11AC80SISO\_Ant3\_5210



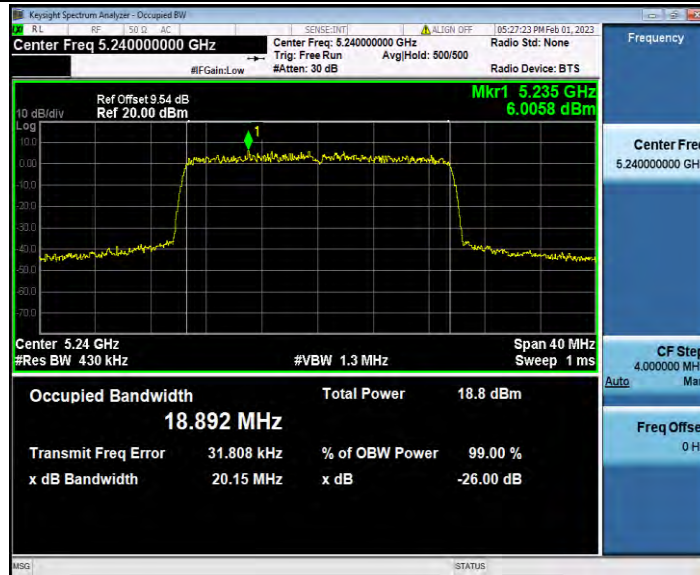
11AX20SISO\_Ant3\_5180



# 11AX20SISO\_Ant3\_5200



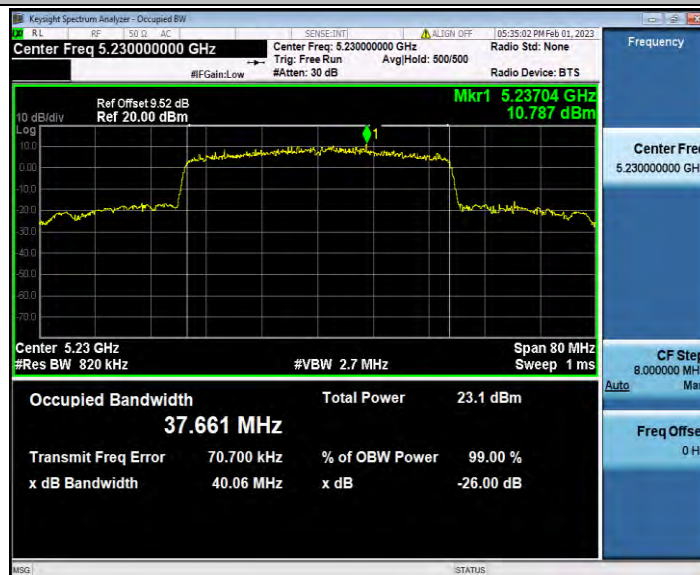
# 11AX20SISO\_Ant3\_5240



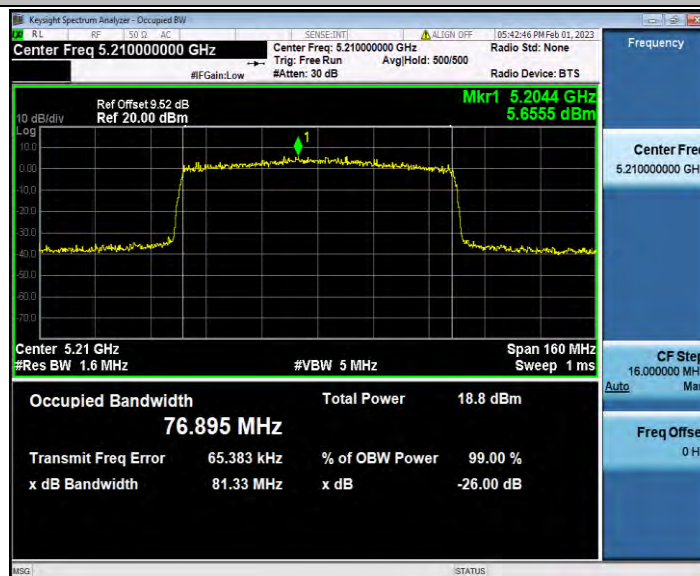
# 11AX40SISO\_Ant3\_5190



11AX40SISO\_Ant3\_5230



11AX80SISO\_Ant3\_5210



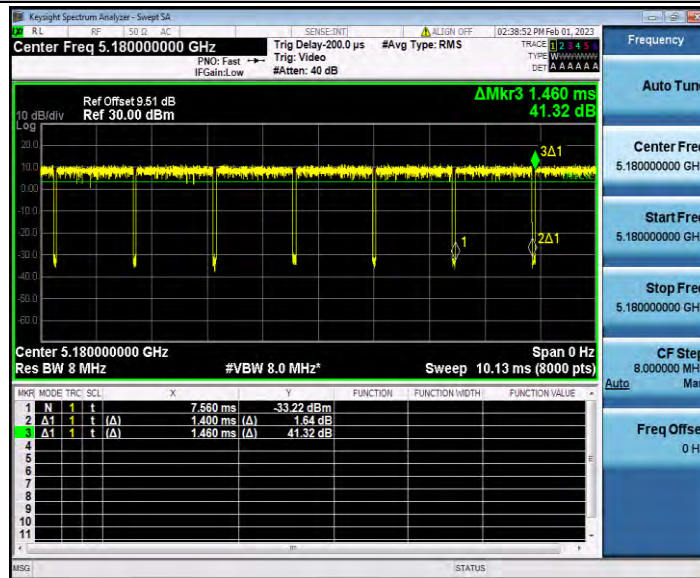
## Appendix B.3: Duty Cycle

### Test Result

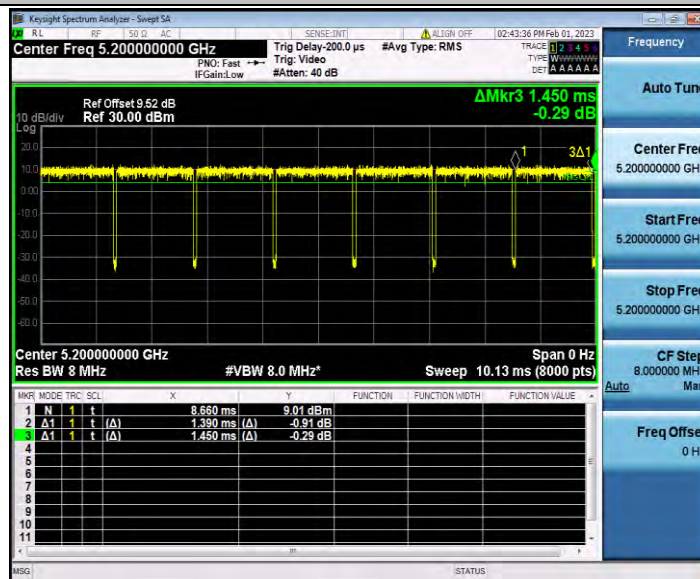
| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant3    | 5180           | 1.40                       | 1.46                     | 95.89          |
|            |         | 5200           | 1.39                       | 1.45                     | 95.86          |
|            |         | 5240           | 1.39                       | 1.45                     | 95.86          |
| 11N20SISO  | Ant3    | 5180           | 1.31                       | 1.37                     | 95.62          |
|            |         | 5200           | 1.30                       | 1.36                     | 95.59          |
|            |         | 5240           | 1.31                       | 1.37                     | 95.62          |
| 11N40SISO  | Ant3    | 5190           | 0.65                       | 0.70                     | 92.86          |
|            |         | 5230           | 0.64                       | 0.70                     | 91.43          |
| 11AC20SISO | Ant3    | 5180           | 0.68                       | 0.74                     | 91.89          |
|            |         | 5200           | 0.69                       | 0.75                     | 92.00          |
|            |         | 5240           | 0.68                       | 0.74                     | 91.89          |
| 11AC40SISO | Ant3    | 5190           | 0.35                       | 0.40                     | 87.50          |
|            |         | 5230           | 0.35                       | 0.40                     | 87.50          |
| 11AC80SISO | Ant3    | 5210           | 0.18                       | 0.55                     | 32.73          |
| 11AX20SISO | Ant3    | 5180           | 0.54                       | 0.60                     | 90.00          |
|            |         | 5200           | 0.54                       | 0.60                     | 90.00          |
|            |         | 5240           | 0.54                       | 0.60                     | 90.00          |
| 11AX40SISO | Ant3    | 5190           | 0.30                       | 0.36                     | 83.33          |
|            |         | 5230           | 0.30                       | 0.36                     | 83.33          |
| 11AX80SISO | Ant3    | 5210           | 0.17                       | 0.53                     | 32.08          |

## Test Graphs

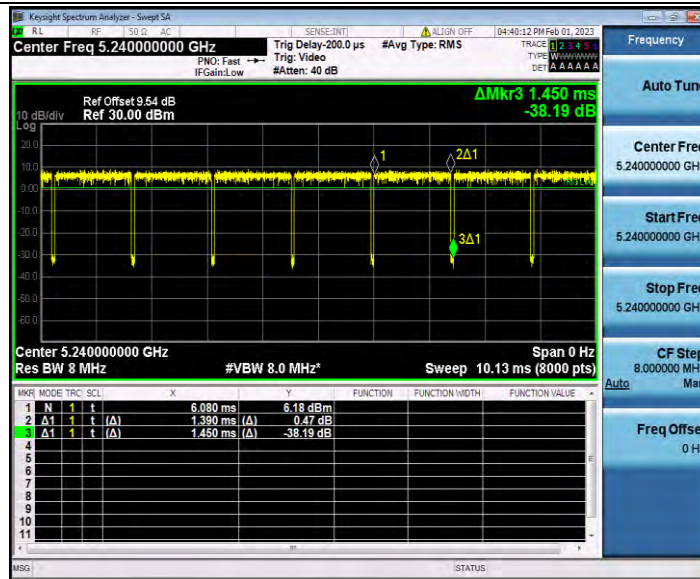
11A\_Ant3\_5180



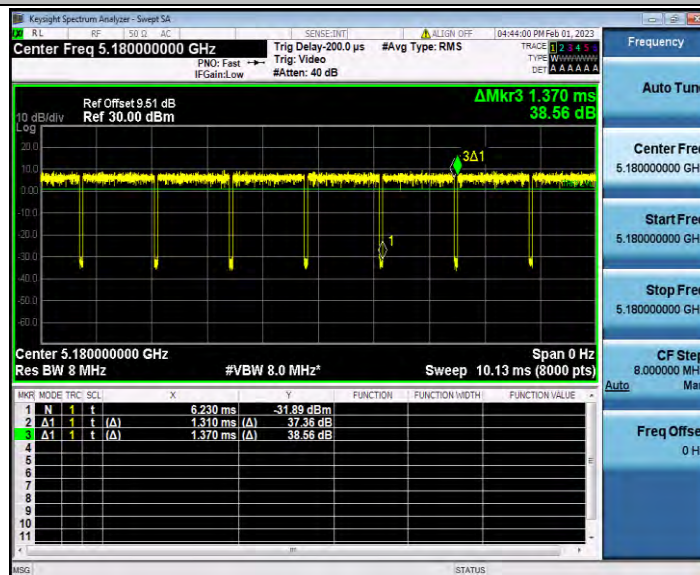
11A\_Ant3\_5200



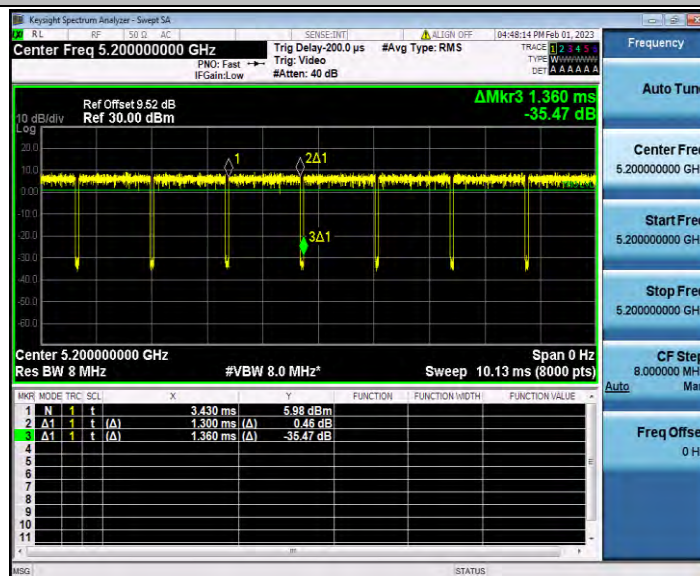
11A\_Ant3\_5240



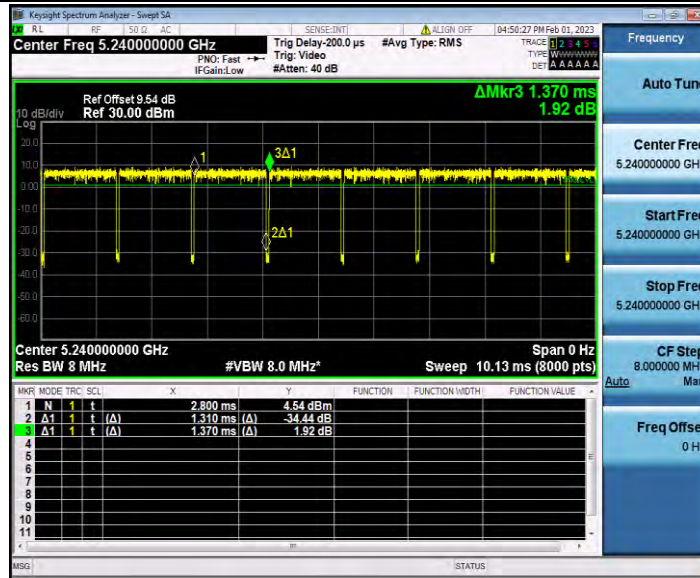
11N20SISO\_Ant3\_5180



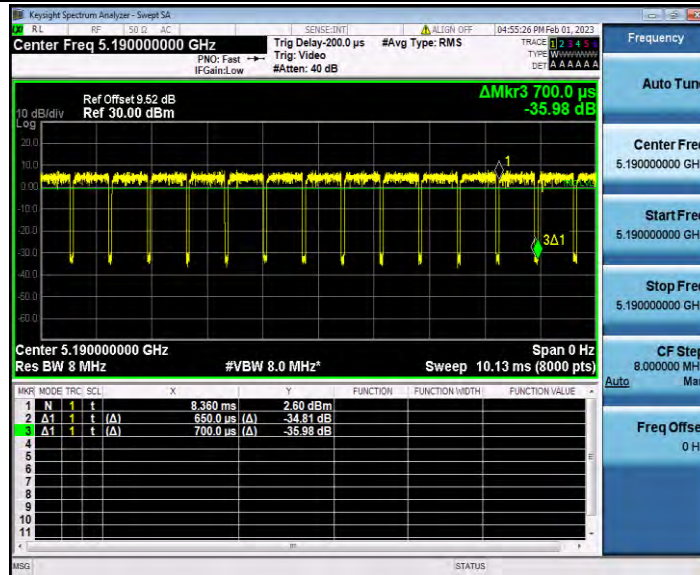
11N20SISO\_Ant3\_5200



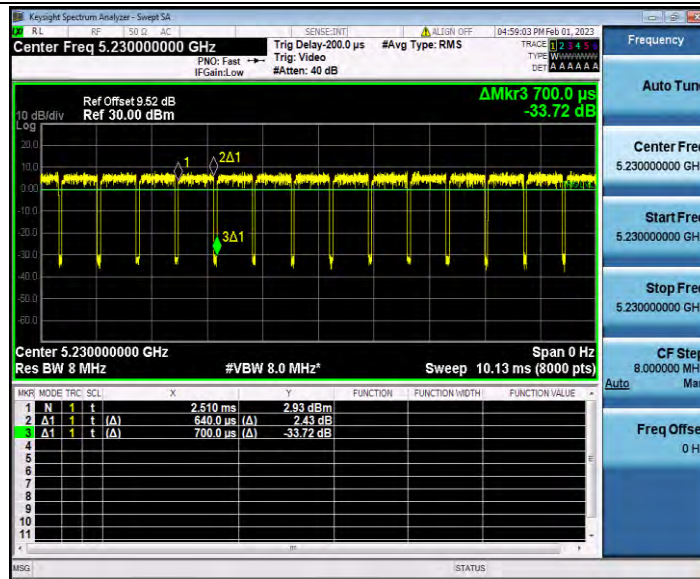
# 11N20SISO\_Ant3\_5240



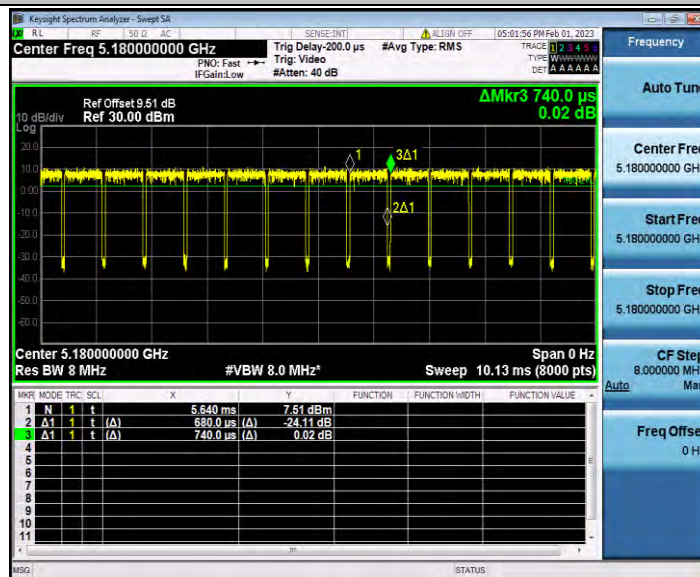
# 11N40SISO\_Ant3\_5190



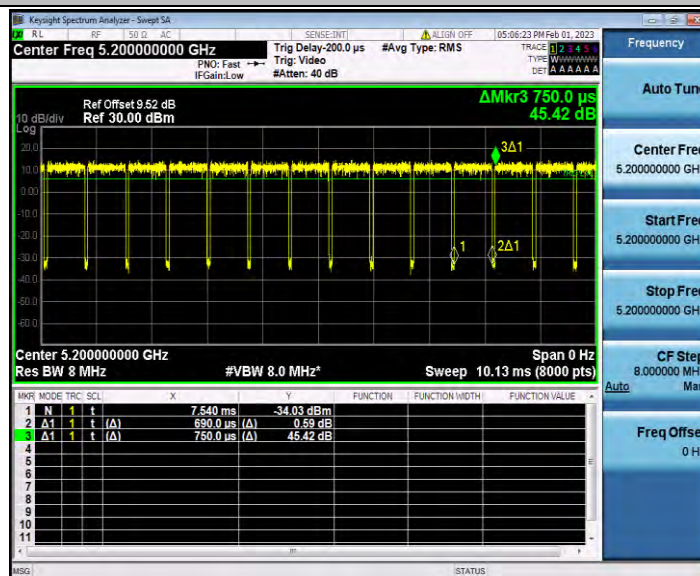
# 11N40SISO\_Ant3\_5230



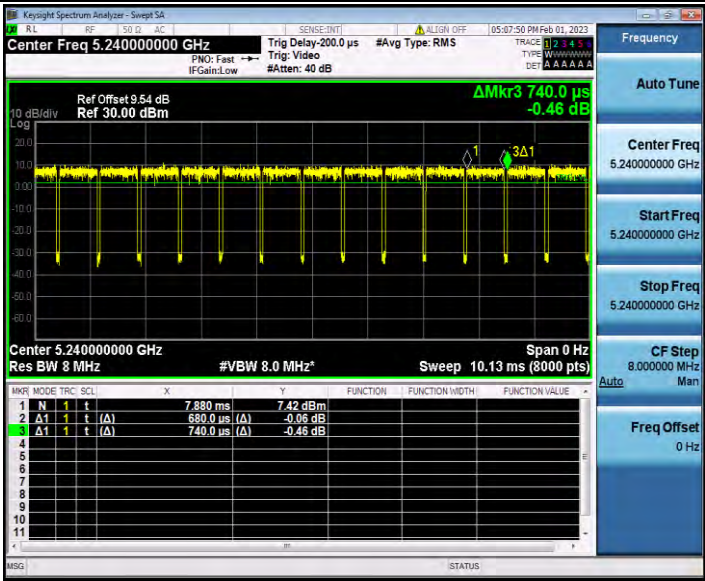
11AC20SISO\_Ant3\_5180



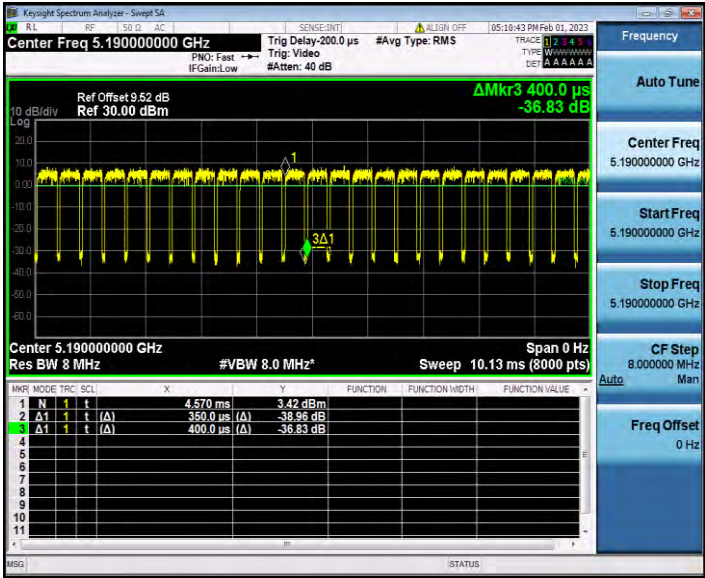
11AC20SISO\_Ant3\_5200



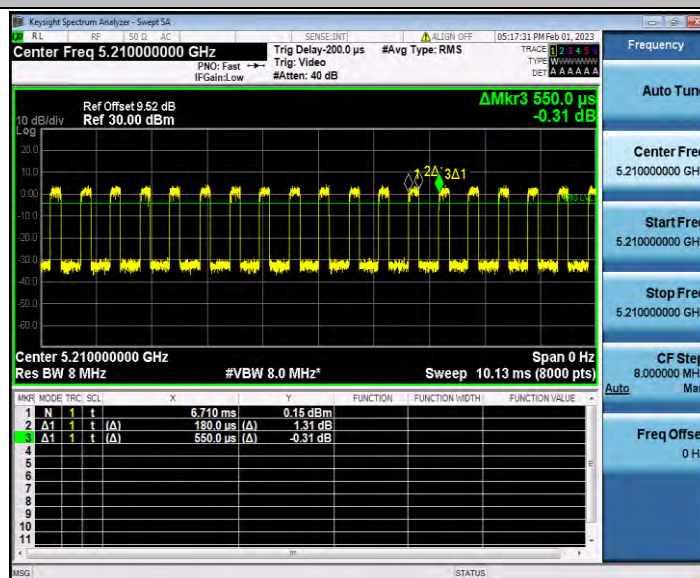
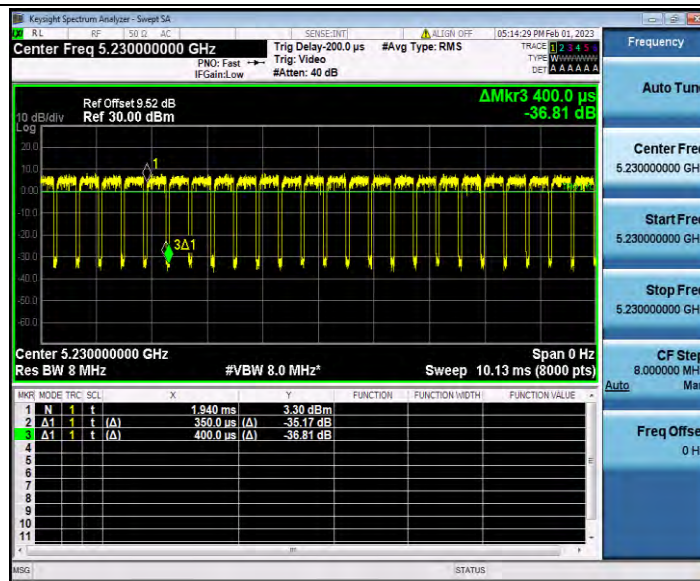
11AC20SISO\_Ant3\_5240



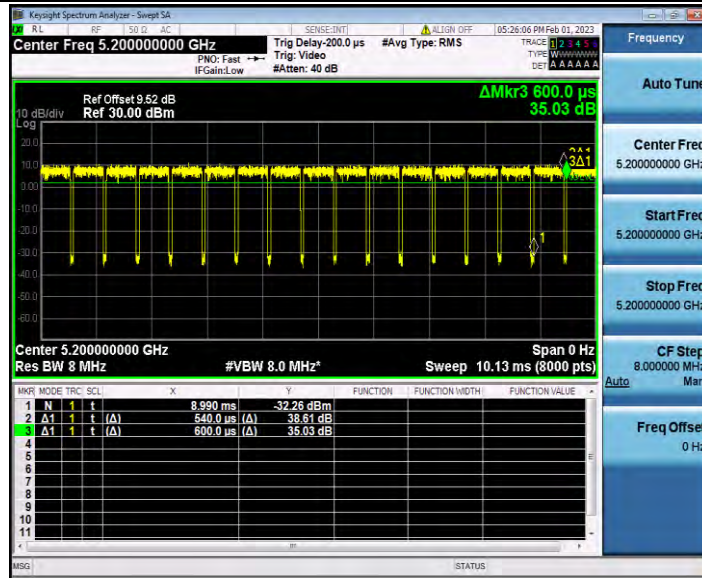
11AC40SISO\_Ant3\_5190



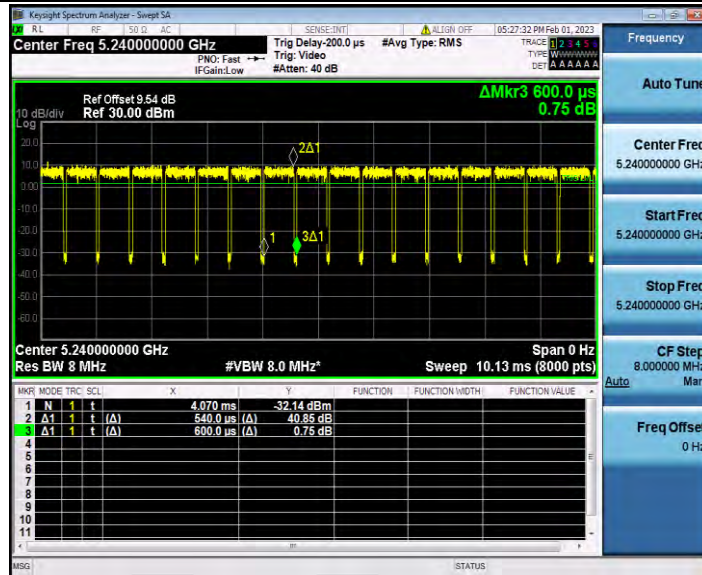
11AC40SISO\_Ant3\_5230



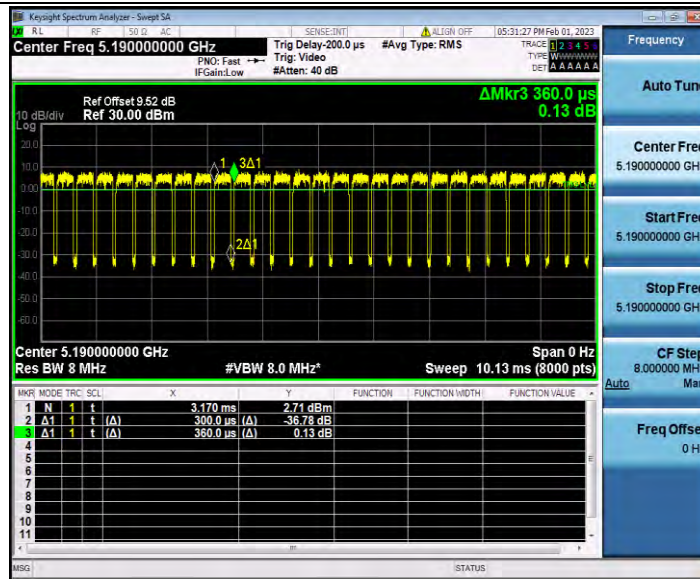
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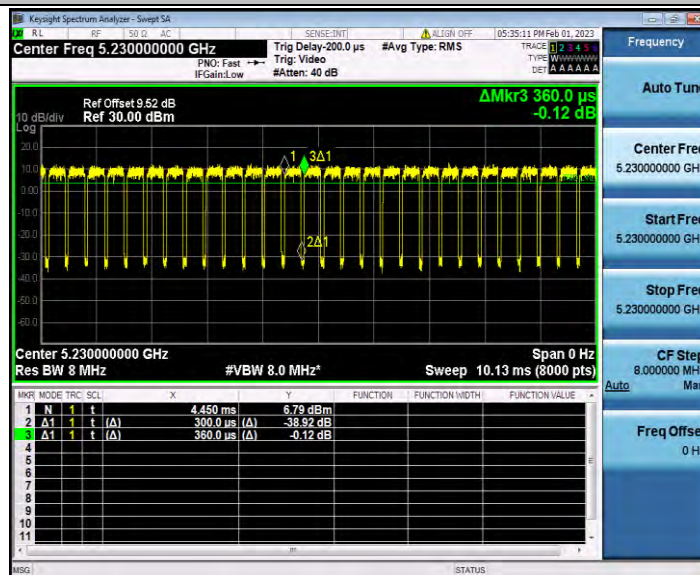
# 11AX20SISO\_Ant3\_5240



# 11AX40SISO\_Ant3\_5190



11AX40SISO\_Ant3\_5230



11AX80SISO\_Ant3\_5210

