

|                                                  |                           |
|--------------------------------------------------|---------------------------|
| Case No. : GTS20221010004-1-5                    |                           |
| Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa, |                           |
| Test Date: 2022.10.26                            | Test Engineer: Jenny zeng |

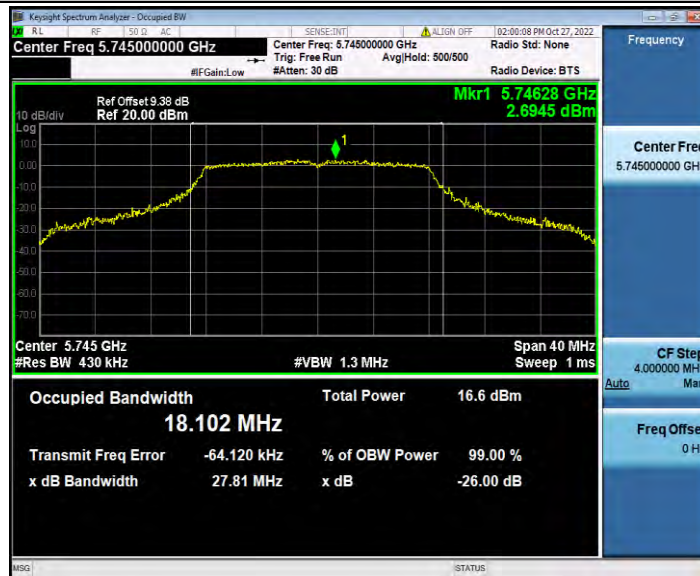
## Appendix E.1: Occupied channel bandwidth

### Test Result

| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745           | 18.102    | 5735.885 | 5753.987 | ---        | ---     |
|            |         | 5785           | 18.134    | 5775.911 | 5794.045 | ---        | ---     |
|            |         | 5825           | 18.028    | 5815.897 | 5833.925 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745           | 19.214    | 5735.259 | 5754.473 | ---        | ---     |
|            |         | 5785           | 19.254    | 5775.341 | 5794.595 | ---        | ---     |
|            |         | 5825           | 19.272    | 5815.162 | 5834.434 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755           | 36.069    | 5736.976 | 5773.045 | ---        | ---     |
|            |         | 5795           | 36.055    | 5776.923 | 5812.978 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 18.968    | 5735.478 | 5754.446 | ---        | ---     |
|            |         | 5785           | 19.017    | 5775.574 | 5794.591 | ---        | ---     |
|            |         | 5825           | 19.102    | 5815.351 | 5834.453 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 35.987    | 5736.996 | 5772.983 | ---        | ---     |
|            |         | 5795           | 36.399    | 5776.854 | 5813.253 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 75.107    | 5737.548 | 5812.655 | ---        | ---     |
| 11AX20SISO | Ant1    | 5745           | 19.202    | 5735.385 | 5754.587 | ---        | ---     |
|            |         | 5785           | 19.216    | 5775.386 | 5794.602 | ---        | ---     |
|            |         | 5825           | 19.185    | 5815.369 | 5834.554 | ---        | ---     |
| 11AX40SISO | Ant1    | 5755           | 37.653    | 5736.136 | 5773.789 | ---        | ---     |
|            |         | 5795           | 37.480    | 5776.290 | 5813.770 | ---        | ---     |
| 11AX80SISO | Ant1    | 5775           | 76.572    | 5736.703 | 5813.275 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5745



11A\_Ant1\_5785



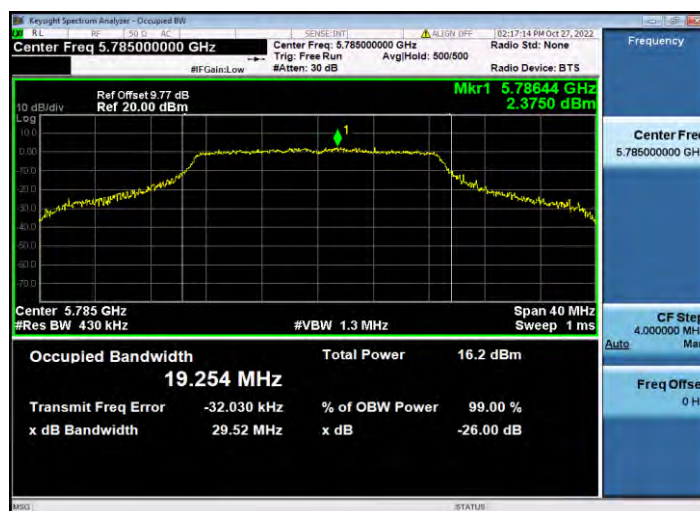
11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



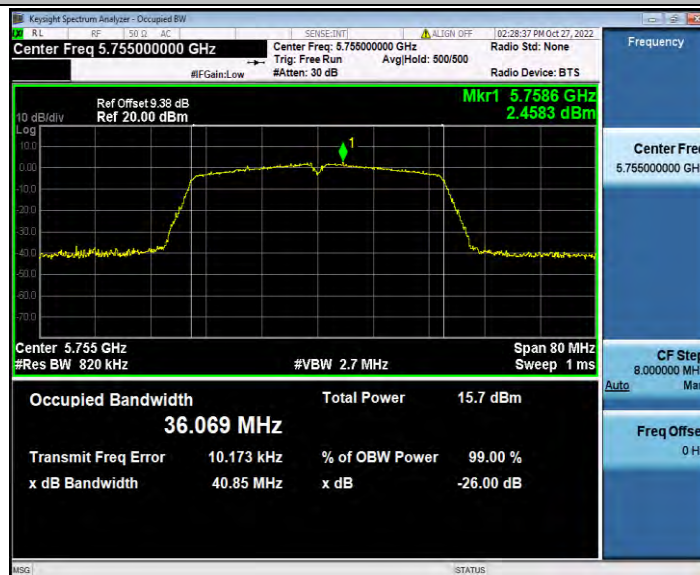
11N20SISO\_Ant1\_5785



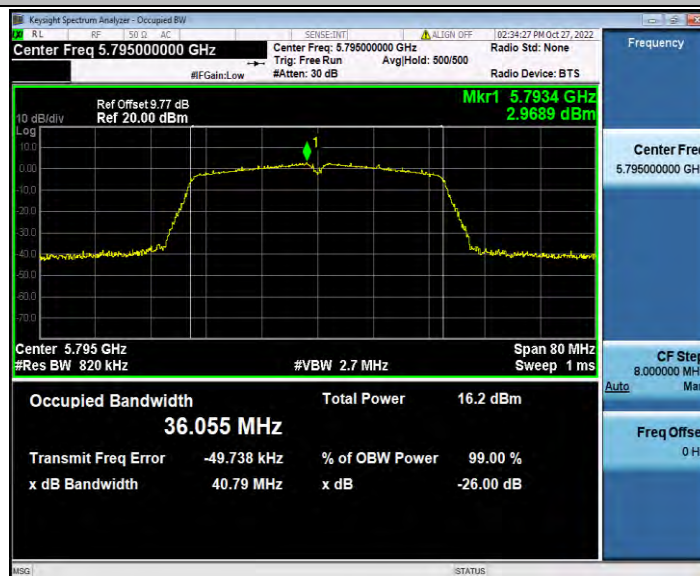
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11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



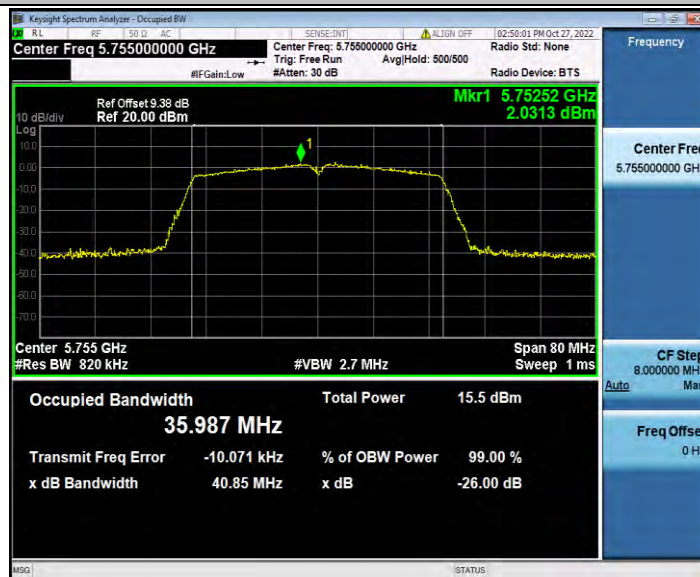
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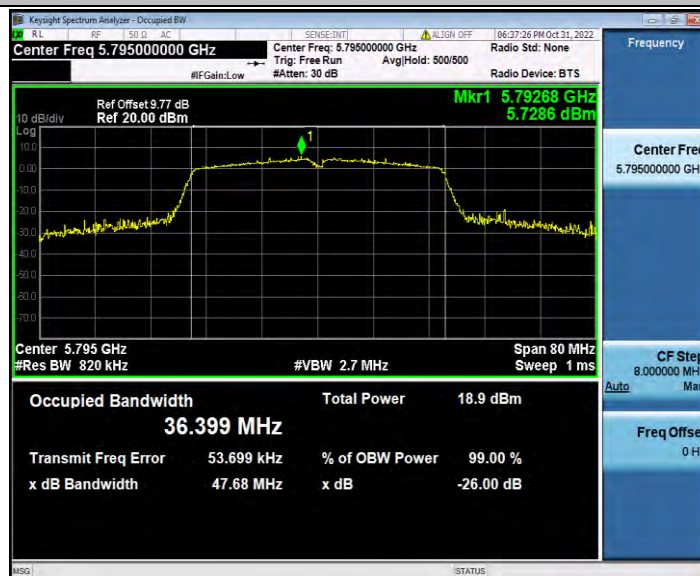
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11AC40SISO\_Ant1\_5755



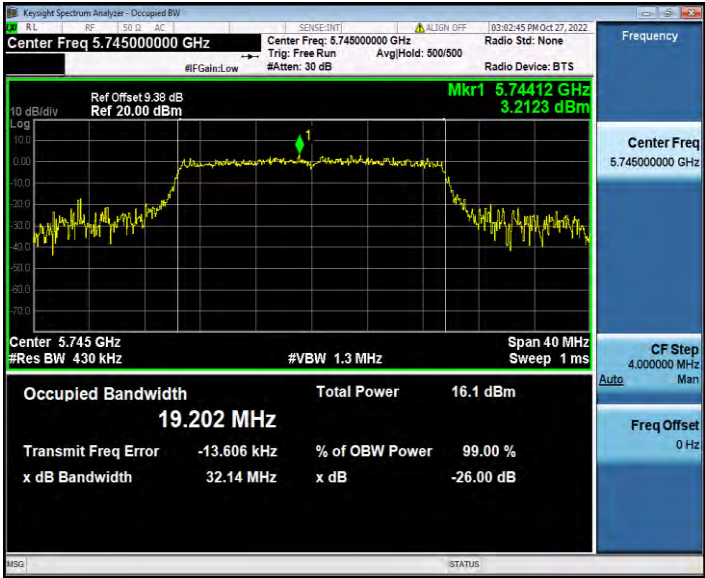
11AC40SISO\_Ant1\_5795



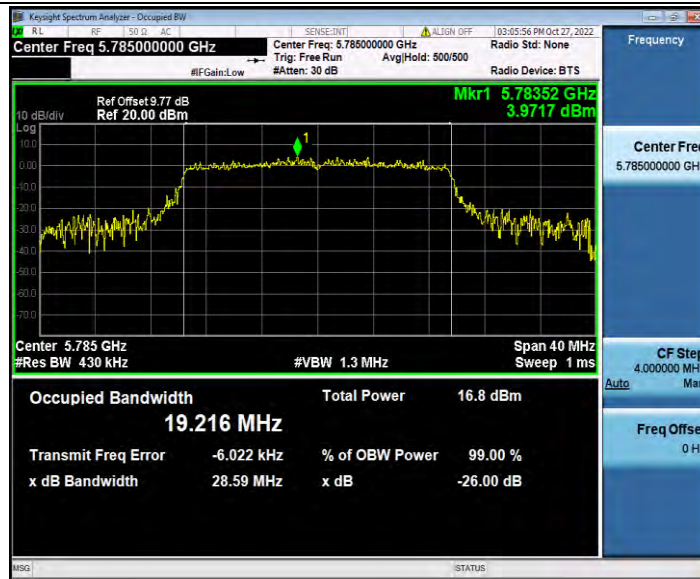
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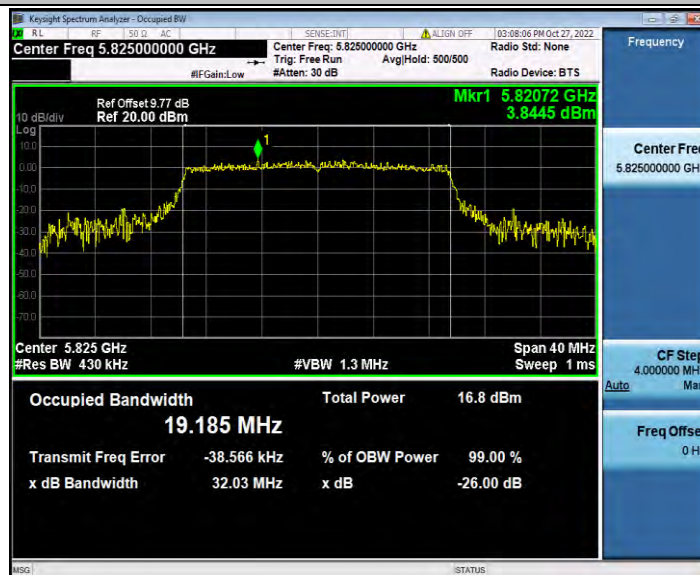
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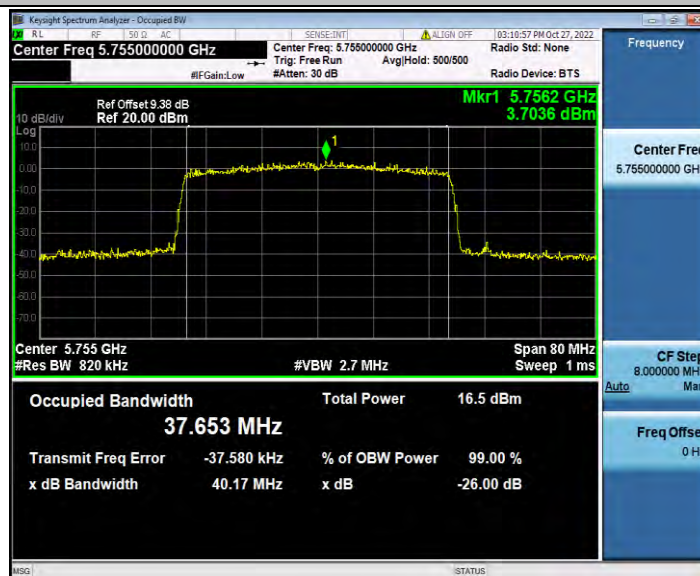
11AX20SISO\_Ant1\_5785



11AX20SISO\_Ant1\_5825



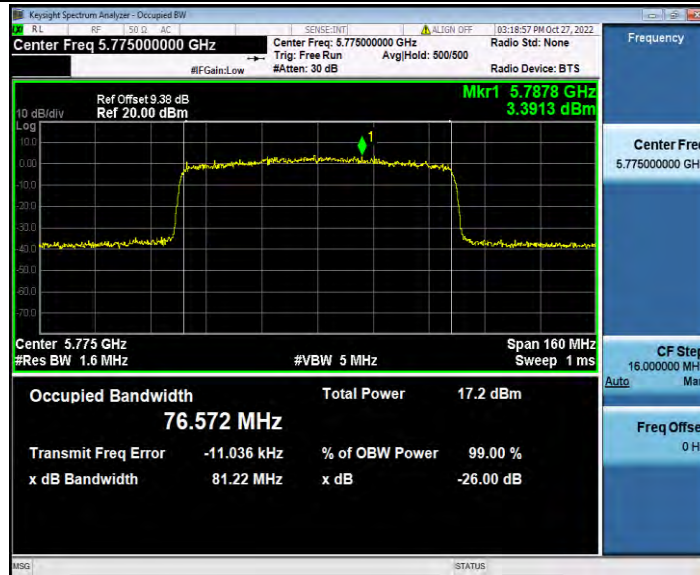
11AX40SISO\_Ant1\_5755



# 11AX40SISO\_Ant1\_5795



# 11AX80SISO\_Ant1\_5775



## Appendix E.2: Min emission bandwidth

### Test Result B4

| TestMode   | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745           | 15.800        | 5737.040 | 5752.840 | 0.5        | PASS    |
|            |         | 5785           | 16.080        | 5777.040 | 5793.120 | 0.5        | PASS    |
|            |         | 5825           | 15.600        | 5817.080 | 5832.680 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 16.920        | 5736.440 | 5753.360 | 0.5        | PASS    |
|            |         | 5785           | 16.920        | 5776.440 | 5793.360 | 0.5        | PASS    |
|            |         | 5825           | 17.320        | 5816.200 | 5833.520 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 35.040        | 5737.480 | 5772.520 | 0.5        | PASS    |
|            |         | 5795           | 33.840        | 5778.680 | 5812.520 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 16.920        | 5736.200 | 5753.120 | 0.5        | PASS    |
|            |         | 5785           | 16.920        | 5776.560 | 5793.480 | 0.5        | PASS    |
|            |         | 5825           | 16.080        | 5816.440 | 5832.520 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 35.040        | 5737.480 | 5772.520 | 0.5        | PASS    |
|            |         | 5795           | 33.840        | 5778.680 | 5812.520 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 75.200        | 5737.400 | 5812.600 | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 5745           | 18.240        | 5735.560 | 5753.800 | 0.5        | PASS    |
|            |         | 5785           | 17.720        | 5776.240 | 5793.960 | 0.5        | PASS    |
|            |         | 5825           | 18.320        | 5815.920 | 5834.240 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 5755           | 35.120        | 5737.400 | 5772.520 | 0.5        | PASS    |
|            |         | 5795           | 35.120        | 5777.400 | 5812.520 | 0.5        | PASS    |
| 11AX80SISO | Ant1    | 5775           | 75.040        | 5737.400 | 5812.440 | 0.5        | PASS    |

## Test Graphs B4

11A\_Ant1\_5745



11A\_Ant1\_5785



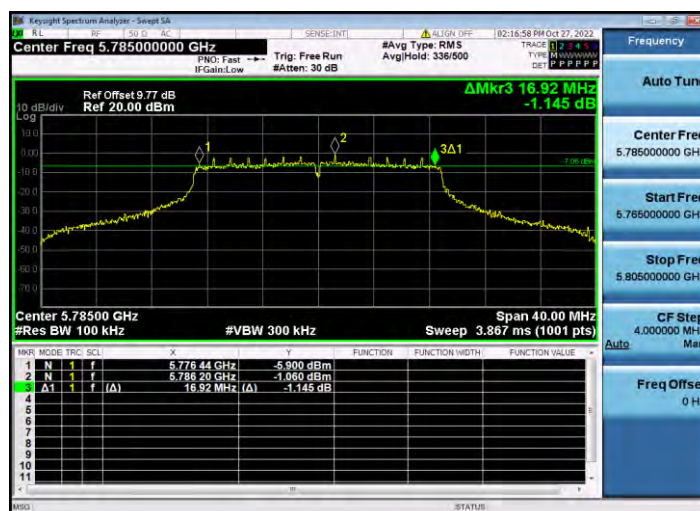
11A\_Ant1\_5825



11N20SISO\_Ant1\_5745



11N20SISO\_Ant1\_5785



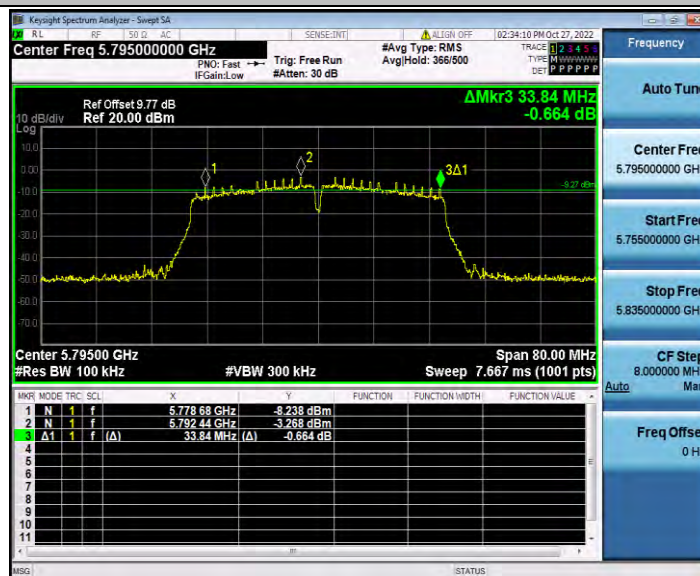
11N20SISO\_Ant1\_5825



11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



11AC20SISO\_Ant1\_5785



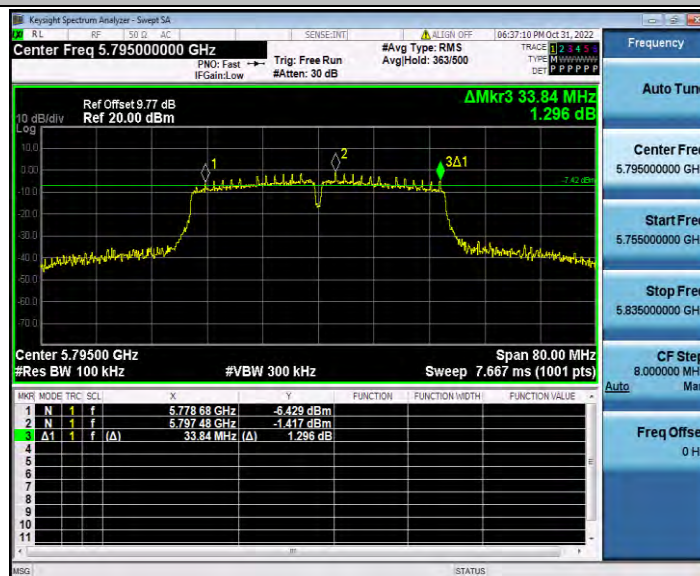
11AC20SISO\_Ant1\_5825



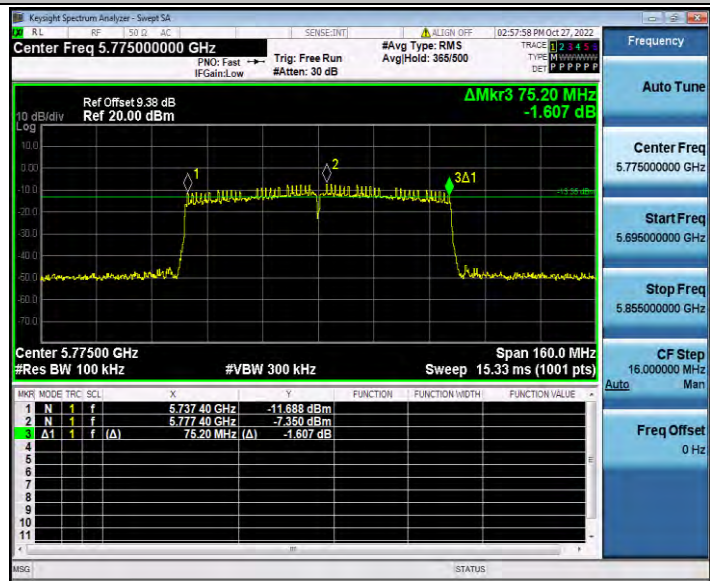
11AC40SISO\_Ant1\_5755



11AC40SISO\_Ant1\_5795



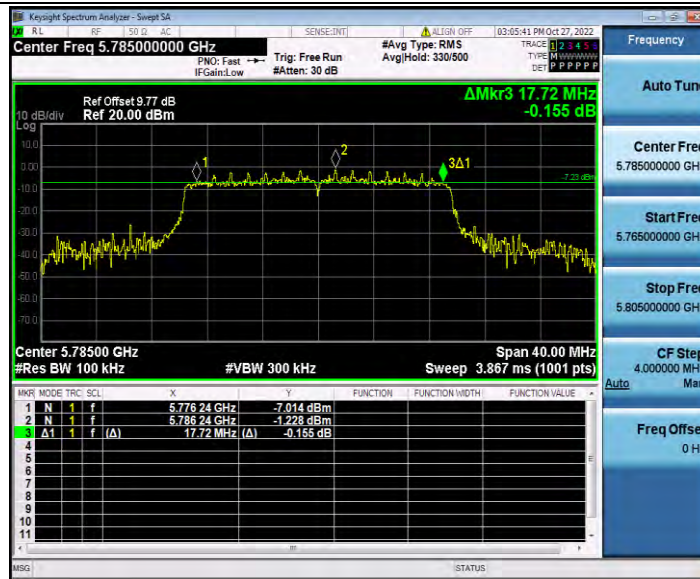
11AC80SISO\_Ant1\_5775



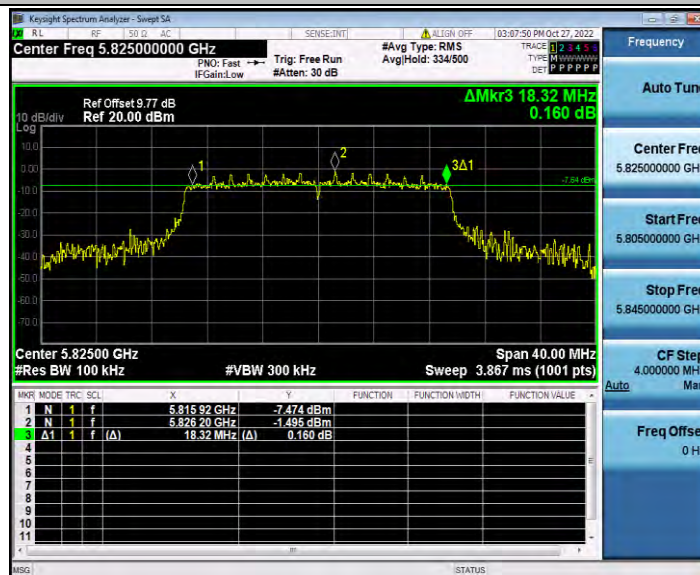
11AX20SISO\_Ant1\_5745



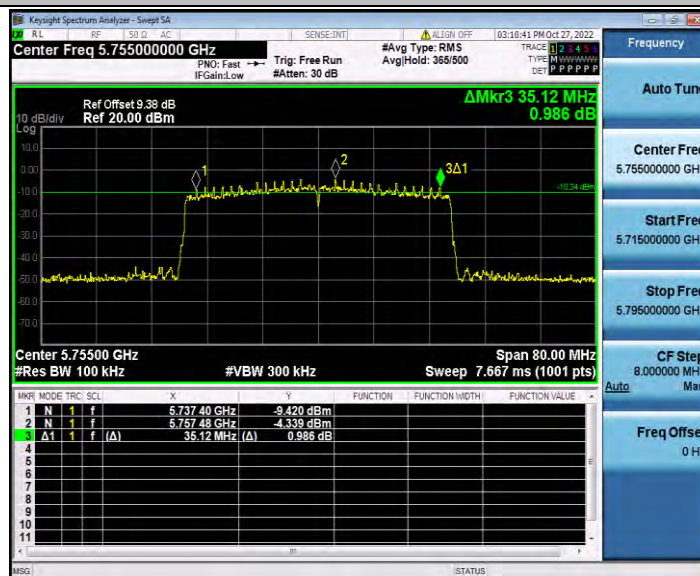
11AX20SISO\_Ant1\_5785



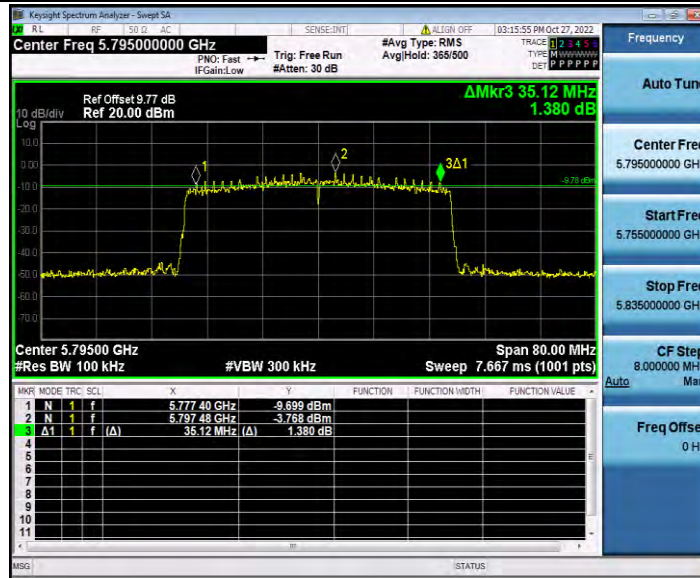
11AX20SISO\_Ant1\_5825



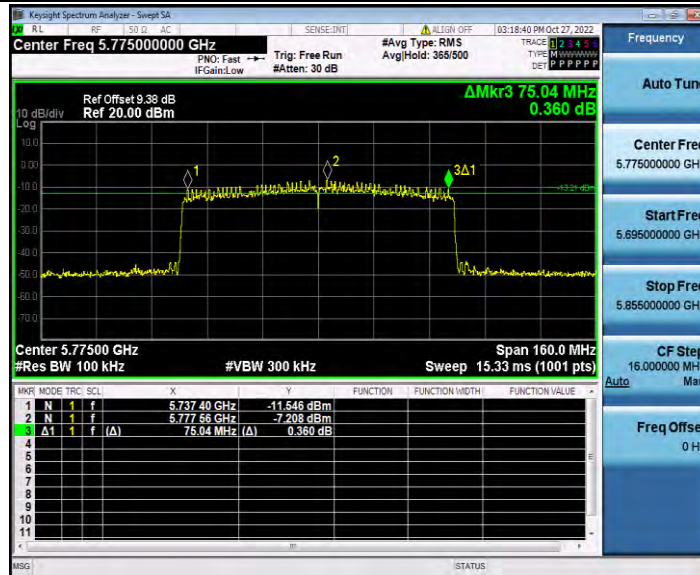
11AX40SISO\_Ant1\_5755



# 11AX40SISO\_Ant1\_5795



# 11AX80SISO\_Ant1\_5775

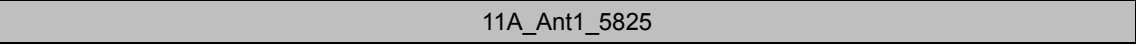
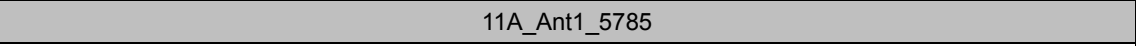


## Appendix E.3: Duty Cycle

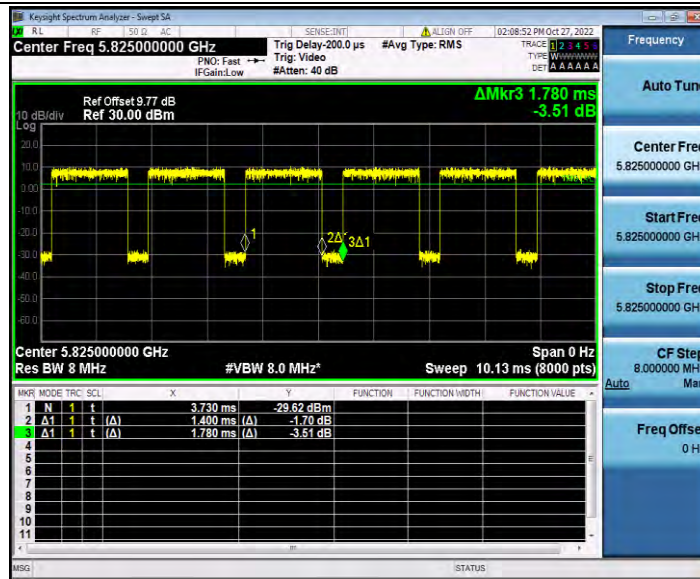
### Test Result

| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant1    | 5745           | 1.39                       | 1.77                     | 78.53          |
|            |         | 5785           | 1.40                       | 1.78                     | 78.65          |
|            |         | 5825           | 1.40                       | 1.78                     | 78.65          |
| 11N20SISO  | Ant1    | 5745           | 1.30                       | 1.69                     | 76.92          |
|            |         | 5785           | 1.30                       | 1.68                     | 77.38          |
|            |         | 5825           | 1.30                       | 1.69                     | 76.92          |
| 11N40SISO  | Ant1    | 5755           | 0.65                       | 1.04                     | 62.50          |
|            |         | 5795           | 0.64                       | 1.04                     | 61.54          |
| 11AC20SISO | Ant1    | 5745           | 0.68                       | 1.06                     | 64.15          |
|            |         | 5785           | 0.68                       | 1.66                     | 40.96          |
|            |         | 5825           | 0.68                       | 1.07                     | 63.55          |
| 11AC40SISO | Ant1    | 5755           | 0.35                       | 0.74                     | 47.30          |
|            |         | 5795           | 0.35                       | 0.74                     | 47.30          |
| 11AC80SISO | Ant1    | 5775           | 0.18                       | 0.57                     | 31.58          |
| 11AX20SISO | Ant1    | 5745           | 0.20                       | 0.56                     | 35.71          |
|            |         | 5785           | 0.20                       | 0.55                     | 36.36          |
|            |         | 5825           | 0.21                       | 0.56                     | 37.50          |
| 11AX40SISO | Ant1    | 5755           | 0.20                       | 0.57                     | 35.09          |
|            |         | 5795           | 0.20                       | 0.57                     | 35.09          |
| 11AX80SISO | Ant1    | 5775           | 0.19                       | 0.59                     | 32.20          |

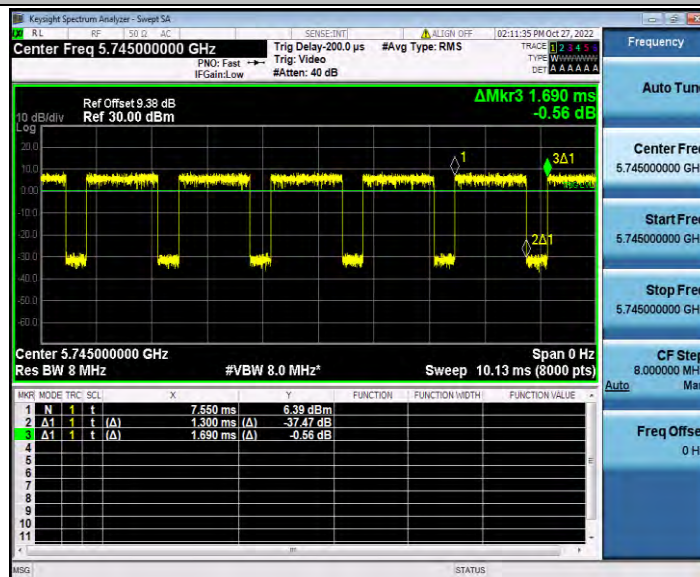
11A\_Ant1\_5745



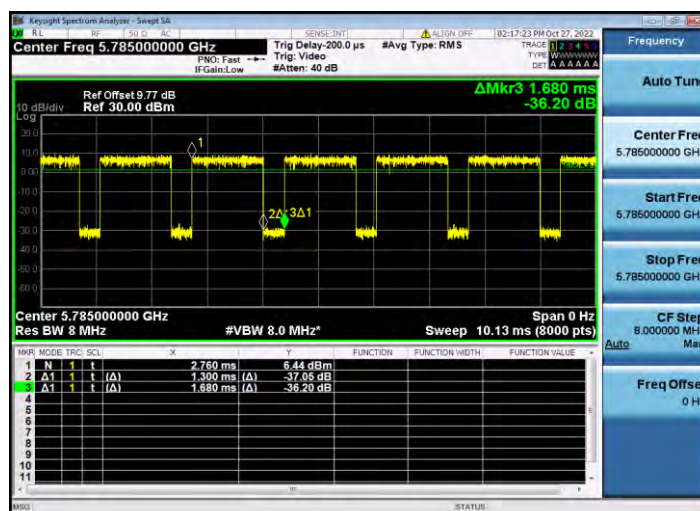
11A\_Ant1\_5825



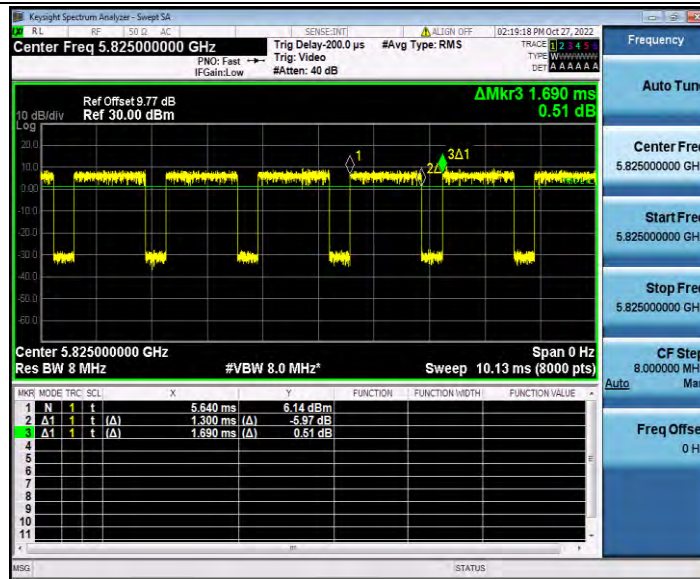
11N20SISO\_Ant1\_5745



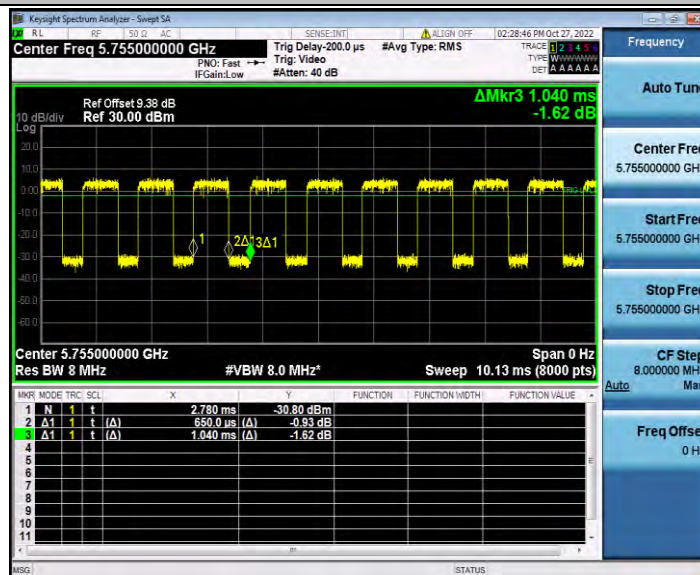
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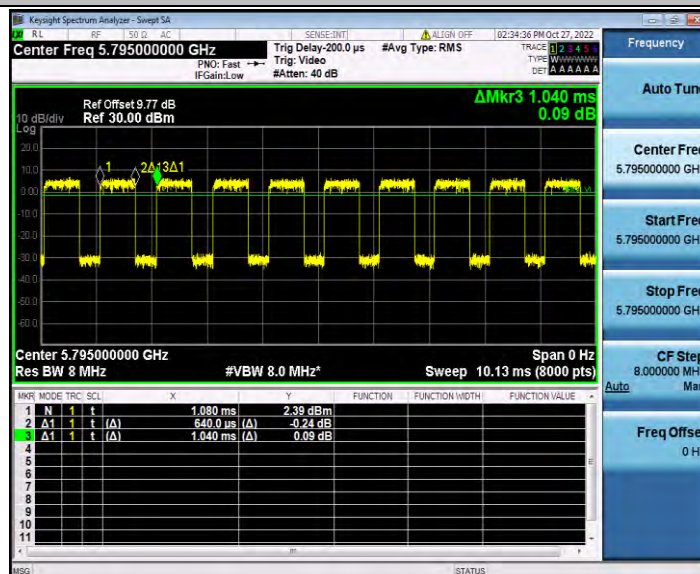
11N20SISO\_Ant1\_5825



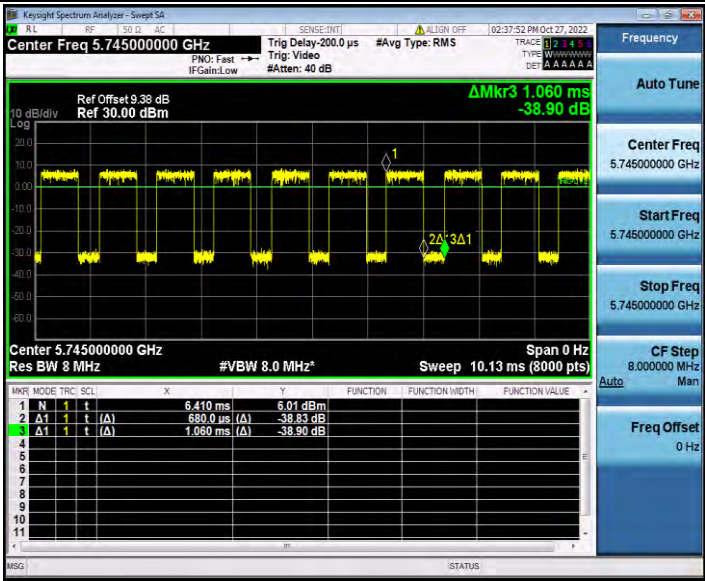
11N40SISO\_Ant1\_5755



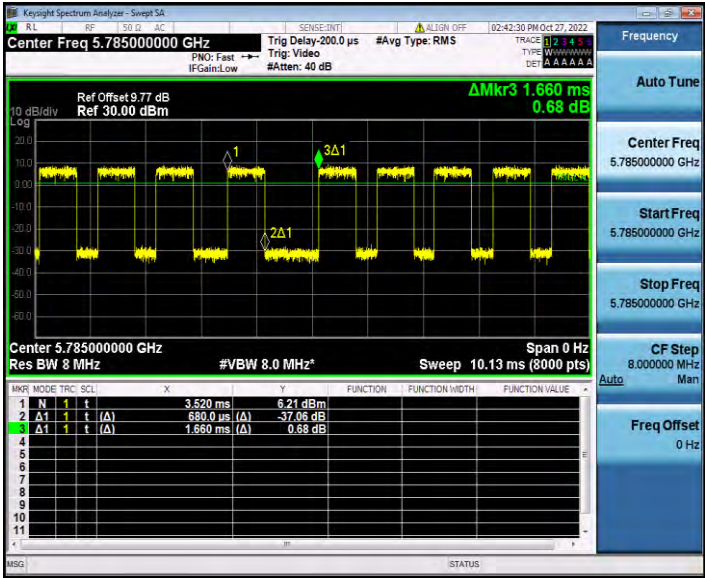
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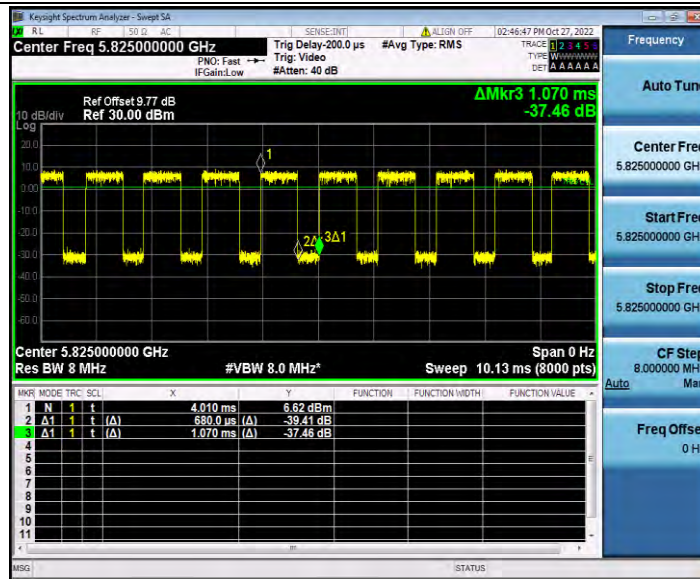
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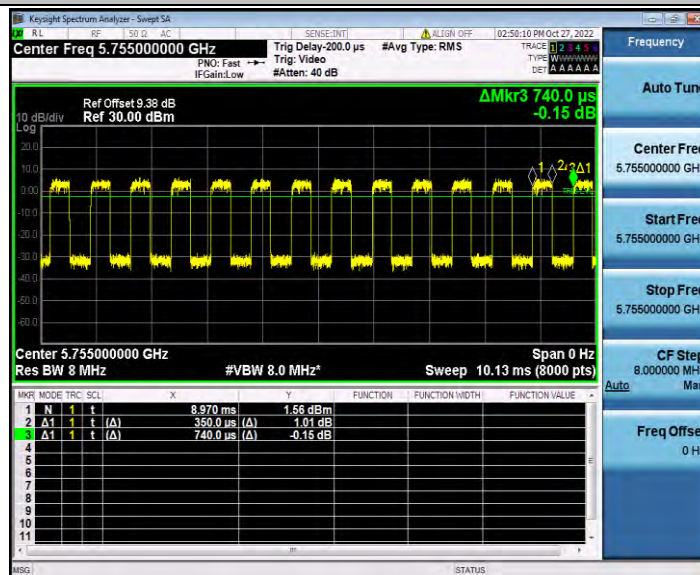
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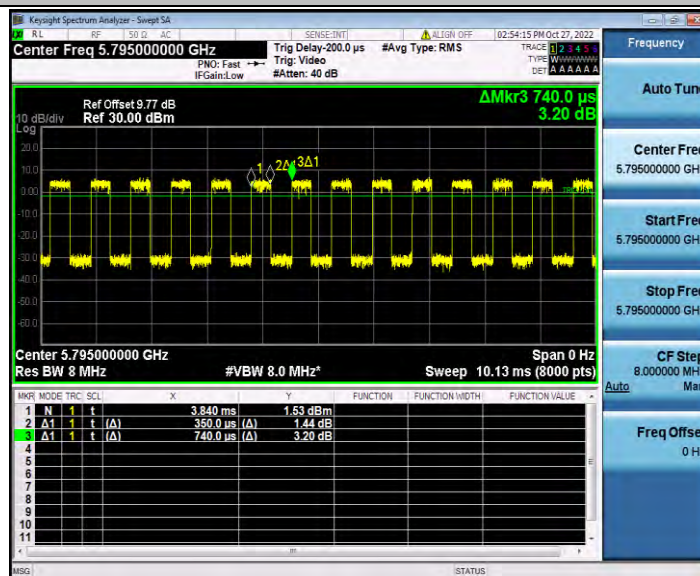
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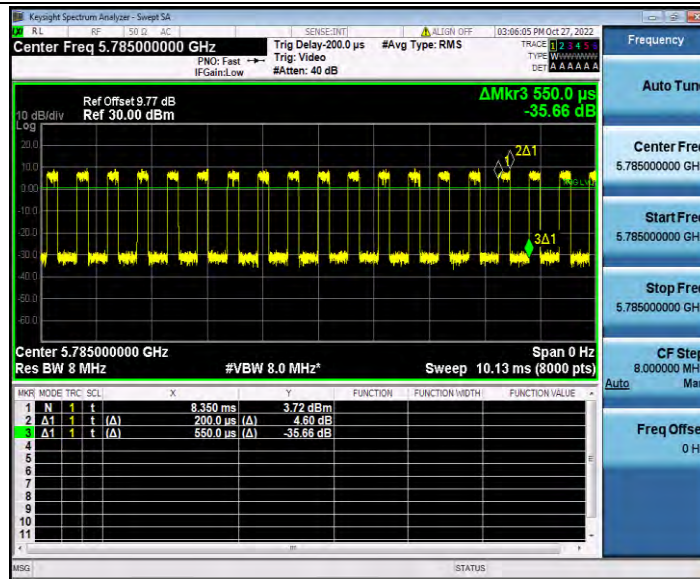
11AC40SISO\_Ant1\_5755



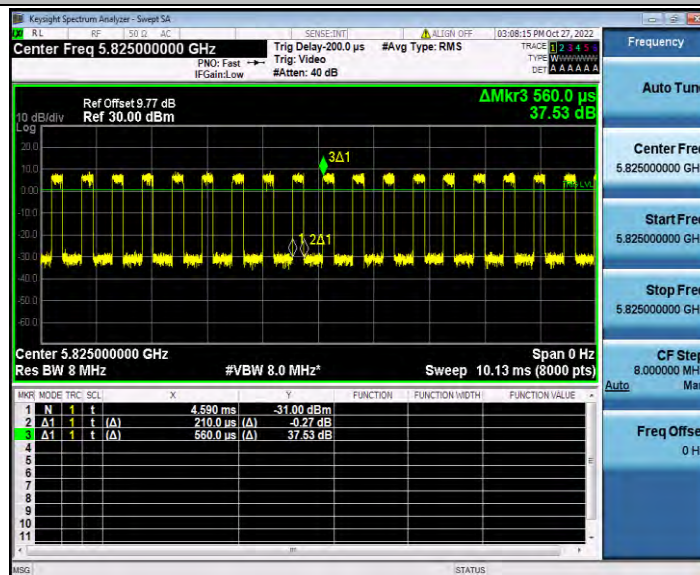
11AC40SISO\_Ant1\_5795



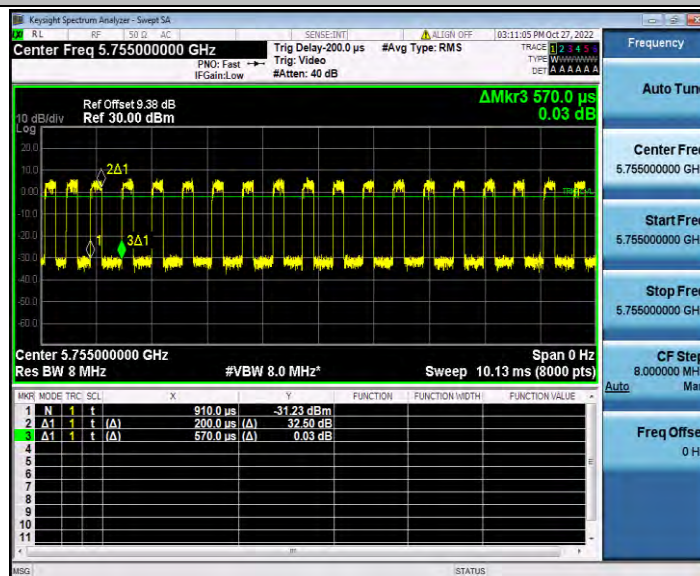




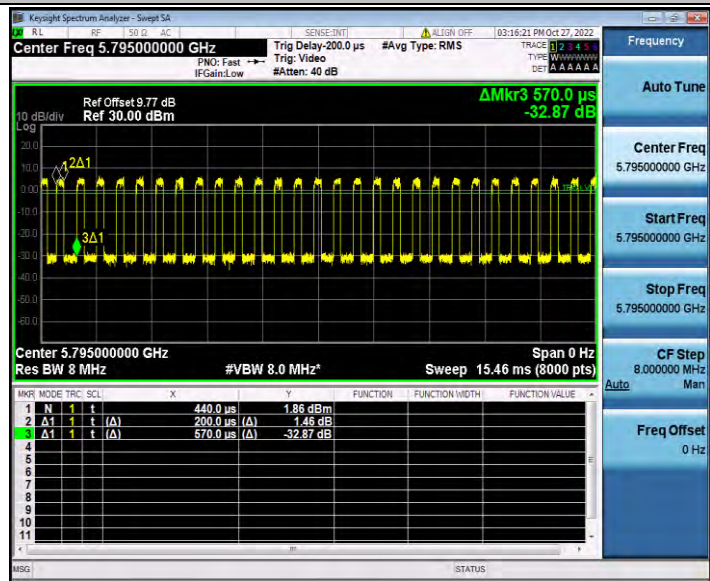
11AX20SISO\_Ant1\_5825



11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

