

|                                                                       |                                         |
|-----------------------------------------------------------------------|-----------------------------------------|
| <b>Case No. :</b> <u>GTS20220808003-1-4</u>                           |                                         |
| <b>Ambient Condition:</b> <u>25</u> °C, <u>52</u> %RH, Atmos100.1Kpa, |                                         |
| <b>Test Date:</b> <u>2022.8.24</u>                                    | <b>Test Engineer:</b> <u>Jenny zeng</u> |

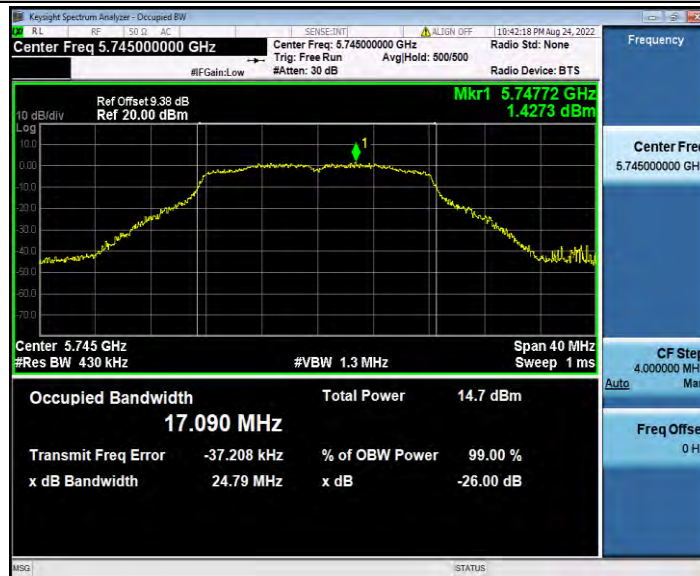
## Appendix E.1: Occupied channel bandwidth

### Test Result

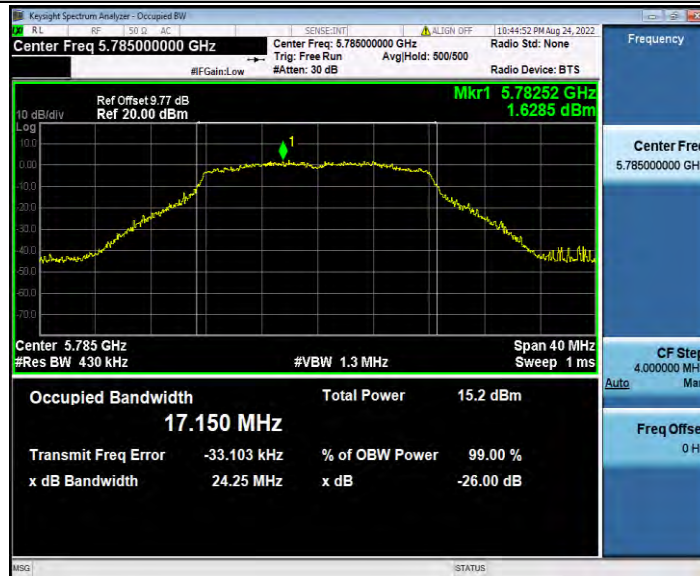
| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745           | 17.090    | 5736.418 | 5753.508 | ---        | ---     |
|            |         | 5785           | 17.150    | 5776.392 | 5793.542 | ---        | ---     |
|            |         | 5825           | 17.091    | 5816.469 | 5833.560 | ---        | ---     |
| 11N20SISO  | Ant1    | 5745           | 18.117    | 5735.879 | 5753.996 | ---        | ---     |
|            |         | 5785           | 18.066    | 5775.950 | 5794.016 | ---        | ---     |
|            |         | 5825           | 39.585    | 5805.198 | 5844.783 | ---        | ---     |
| 11N40SISO  | Ant1    | 5755           | 36.168    | 5736.888 | 5773.056 | ---        | ---     |
|            |         | 5795           | 36.192    | 5776.897 | 5813.089 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 18.138    | 5735.891 | 5754.029 | ---        | ---     |
|            |         | 5785           | 18.102    | 5775.925 | 5794.027 | ---        | ---     |
|            |         | 5825           | 18.165    | 5815.939 | 5834.104 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 36.244    | 5736.852 | 5773.096 | ---        | ---     |
|            |         | 5795           | 36.179    | 5776.920 | 5813.099 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 75.134    | 5737.428 | 5812.562 | ---        | ---     |
| 11AX20SISO | Ant1    | 5745           | 17.903    | 5736.049 | 5753.952 | ---        | ---     |
|            |         | 5785           | 18.003    | 5775.997 | 5794.000 | ---        | ---     |
|            |         | 5825           | 17.979    | 5815.994 | 5833.973 | ---        | ---     |
| 11AX40SISO | Ant1    | 5755           | 36.412    | 5736.805 | 5773.217 | ---        | ---     |
|            |         | 5795           | 36.391    | 5776.856 | 5813.247 | ---        | ---     |
| 11AX80SISO | Ant1    | 5775           | 75.445    | 5737.318 | 5812.763 | ---        | ---     |

## Test Graphs

11A\_Ant1\_5745



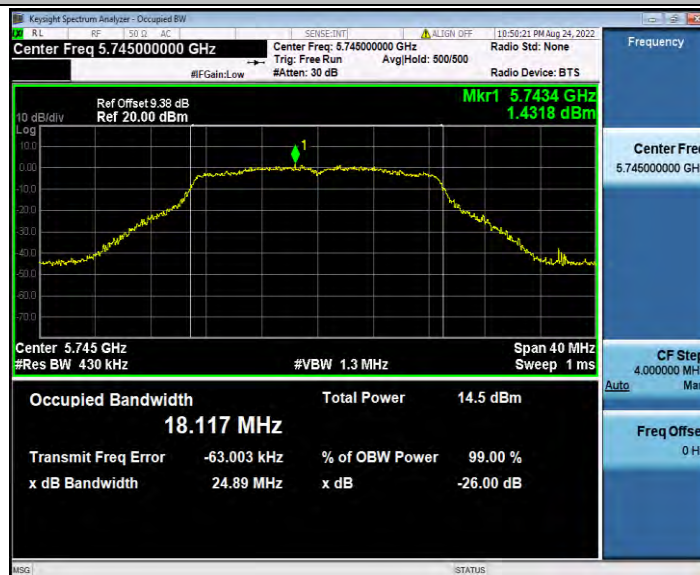
11A\_Ant1\_5785



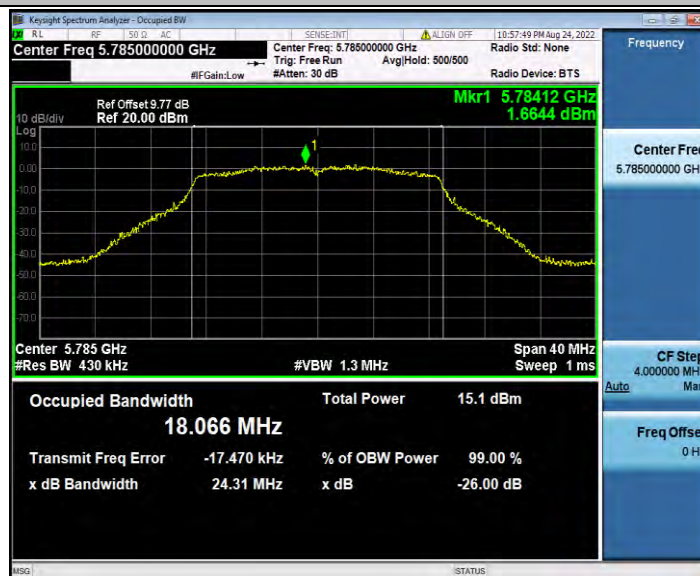
11A\_Ant1\_5825



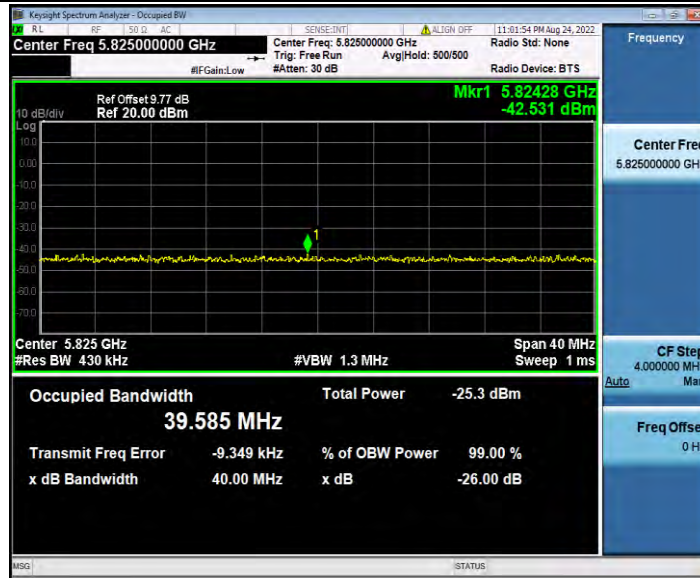
11N20SISO\_Ant1\_5745



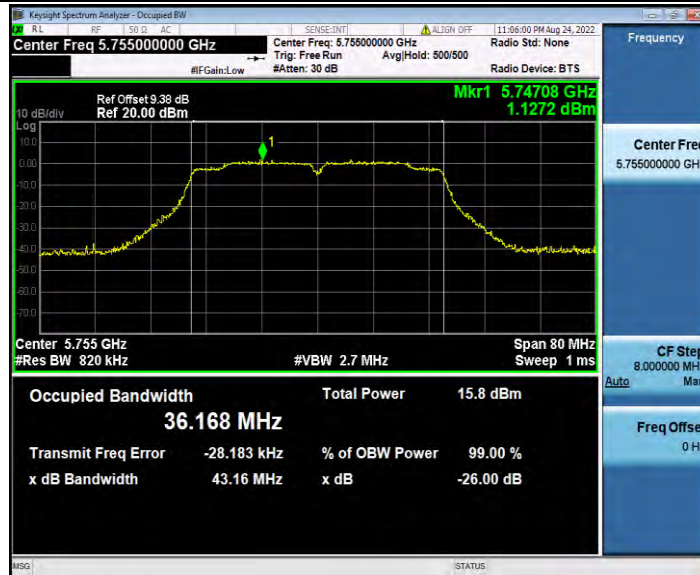
11N20SISO\_Ant1\_5785



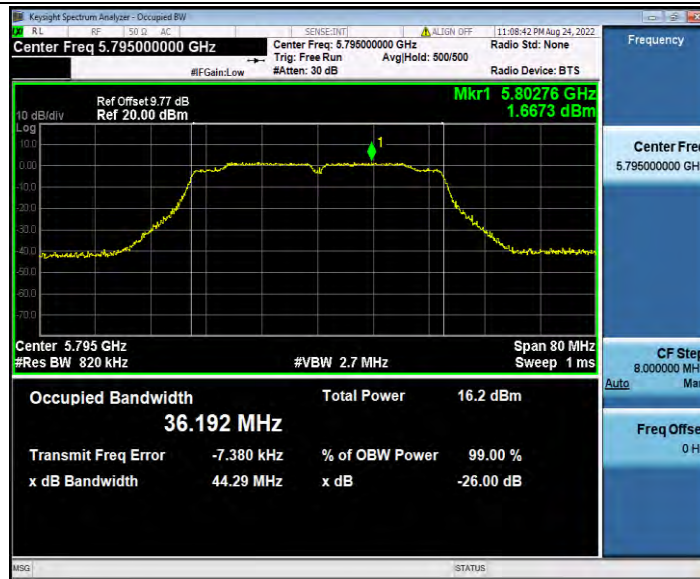
# 11N20SISO\_Ant1\_5825



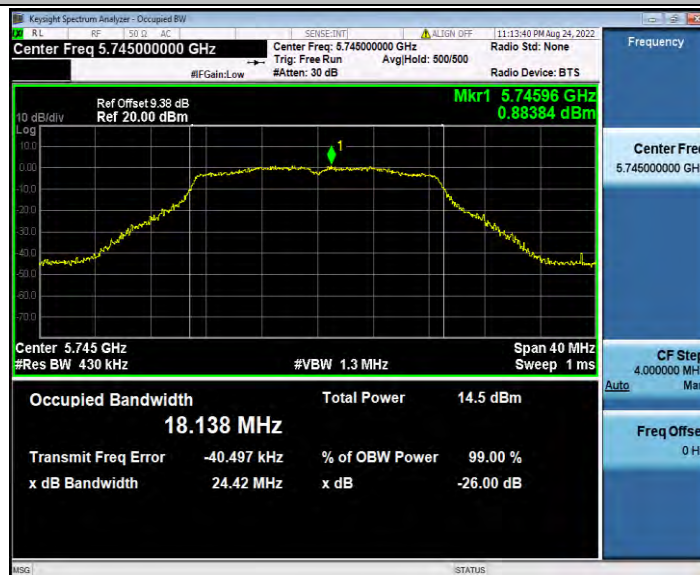
# 11N40SISO\_Ant1\_5755



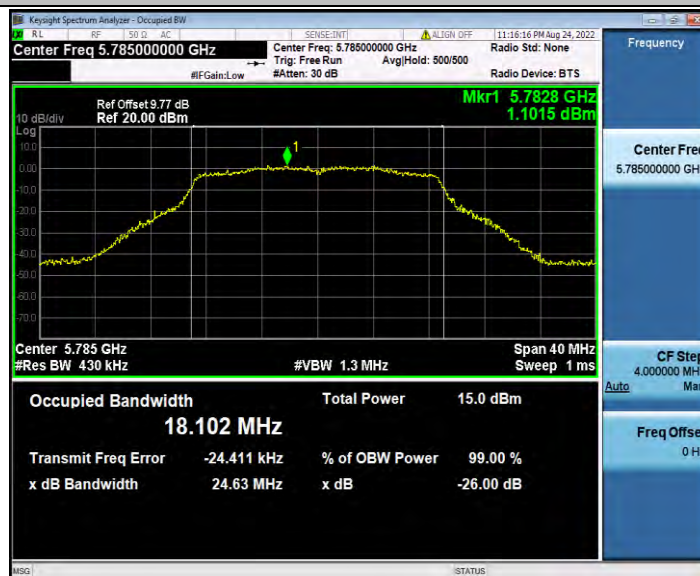
# 11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



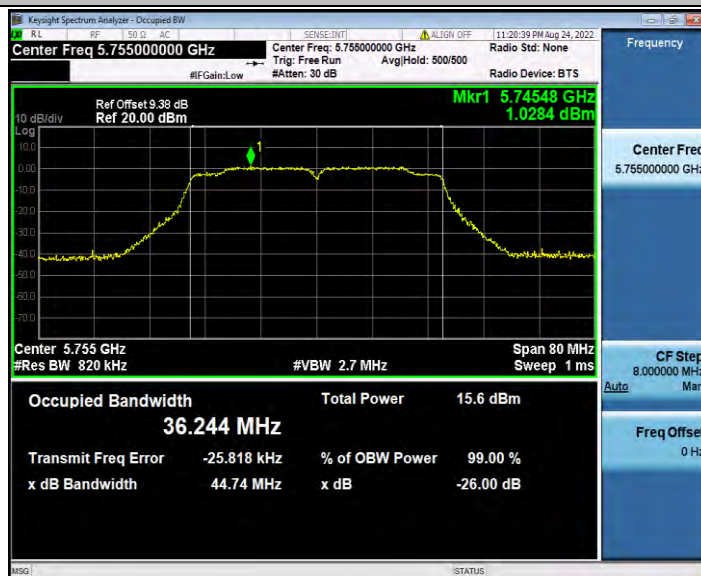
11AC20SISO\_Ant1\_5785



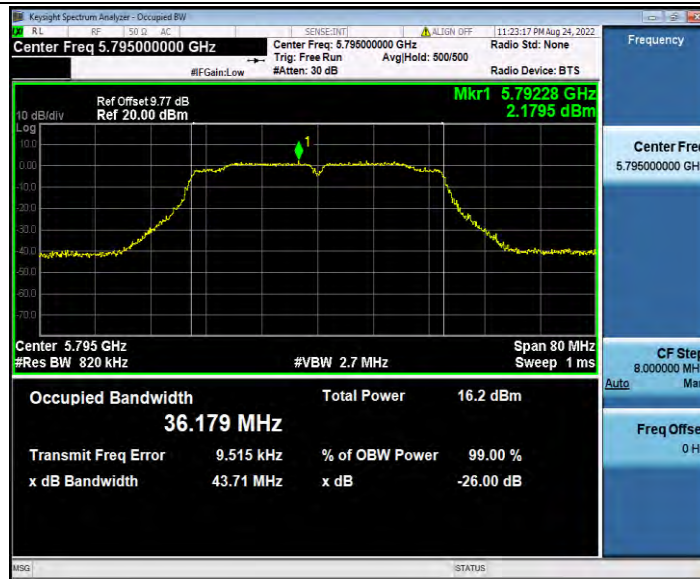
# 11AC20SISO\_Ant1\_5825



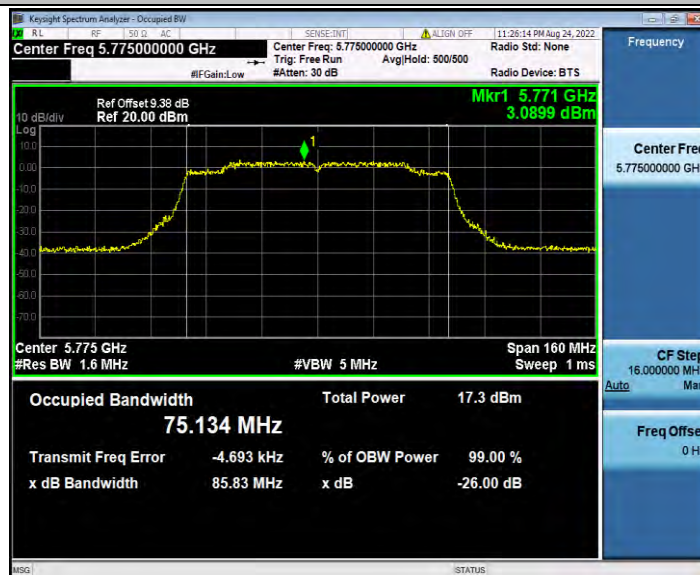
# 11AC40SISO\_Ant1\_5755



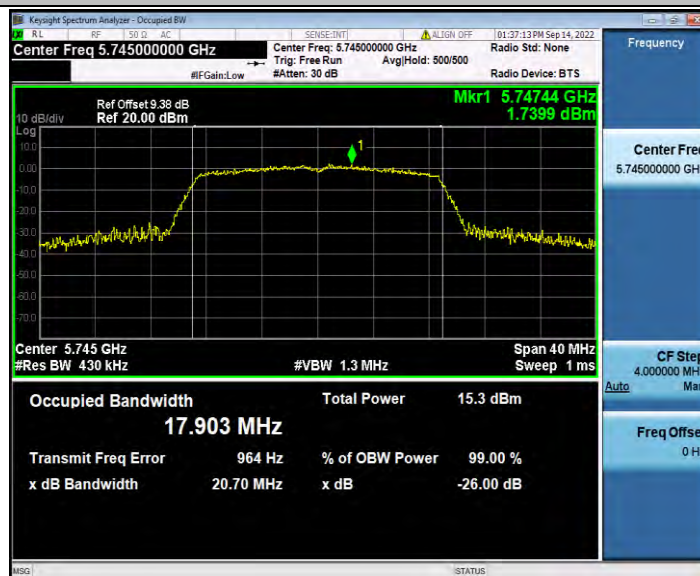
# 11AC40SISO\_Ant1\_5795



11AC80SISO\_Ant1\_5775



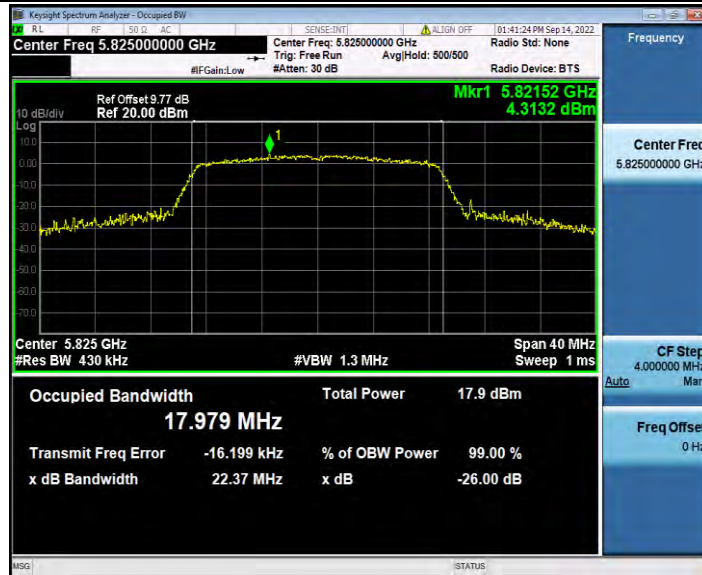
11AX20SISO\_Ant1\_5745



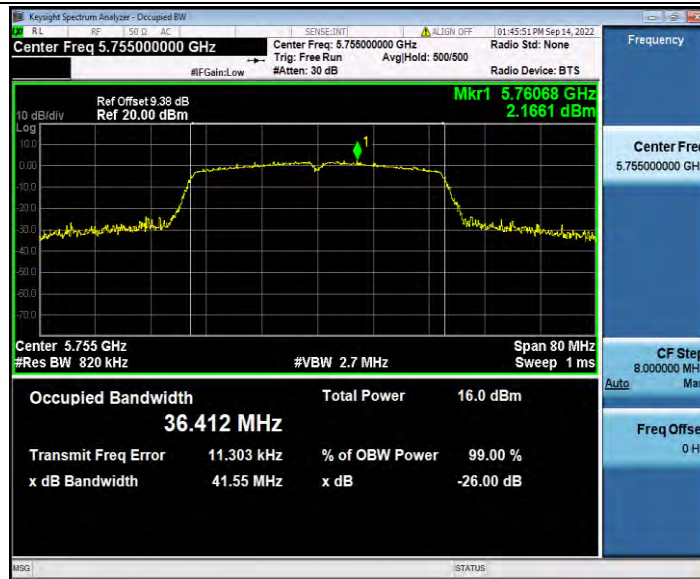
# 11AX20SISO\_Ant1\_5785



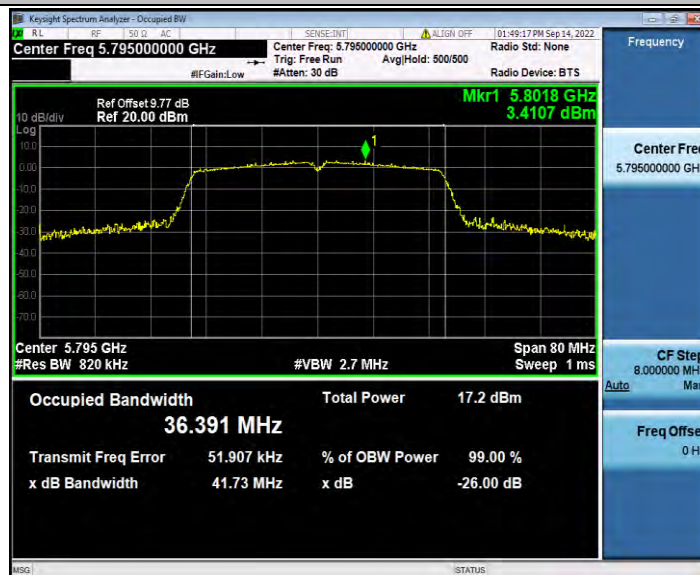
# 11AX20SISO\_Ant1\_5825



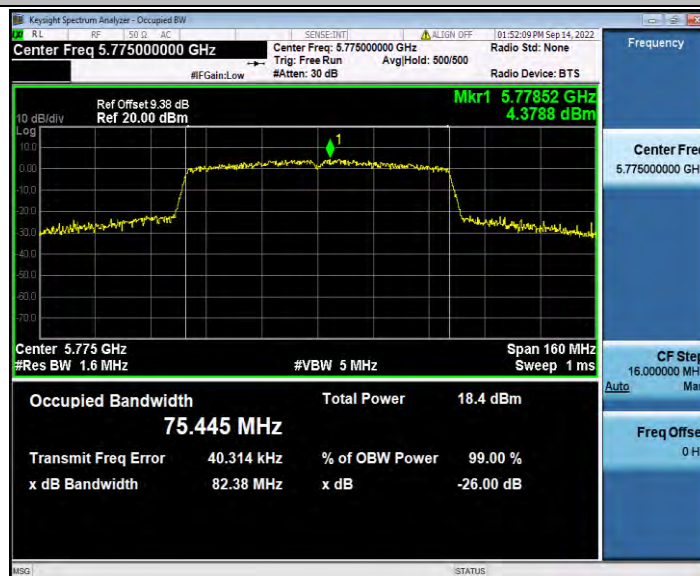
# 11AX40SISO\_Ant1\_5755



11AX40ISO\_Ant1\_5795



11AX80ISO\_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           | 14.760        | 5737.680 | 5752.440 | 0.5        | PASS    |
|            |         | 5785           | 13.240        | 5778.640 | 5791.880 | 0.5        | PASS    |
|            |         | 5825           | 15.360        | 5817.400 | 5832.760 | 0.5        | PASS    |
| 11N20SISO  | Ant1    | 5745           | 16.680        | 5736.440 | 5753.120 | 0.5        | PASS    |
|            |         | 5785           | 12.920        | 5778.680 | 5791.600 | 0.5        | PASS    |
|            |         | 5825           | 39.920        | 5805.040 | 5844.960 | 0.5        | PASS    |
| 11N40SISO  | Ant1    | 5755           | 32.560        | 5738.680 | 5771.240 | 0.5        | PASS    |
|            |         | 5795           | 35.040        | 5777.480 | 5812.520 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5745           | 11.960        | 5739.320 | 5751.280 | 0.5        | PASS    |
|            |         | 5785           | 17.520        | 5776.200 | 5793.720 | 0.5        | PASS    |
|            |         | 5825           | 14.680        | 5818.680 | 5833.360 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 33.760        | 5737.560 | 5771.320 | 0.5        | PASS    |
|            |         | 5795           | 29.680        | 5778.680 | 5808.360 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 73.760        | 5738.680 | 5812.440 | 0.5        | PASS    |
| 11AX20SISO | Ant1    | 5745           | 15.120        | 5737.440 | 5752.560 | 0.5        | PASS    |
|            |         | 5785           | 14.400        | 5778.080 | 5792.480 | 0.5        | PASS    |
|            |         | 5825           | 15.080        | 5817.440 | 5832.520 | 0.5        | PASS    |
| 11AX40SISO | Ant1    | 5755           | 35.120        | 5737.400 | 5772.520 | 0.5        | PASS    |
|            |         | 5795           | 35.040        | 5777.480 | 5812.520 | 0.5        | PASS    |
| 11AX80SISO | Ant1    | 5775           | 75.200        | 5737.400 | 5812.600 | 0.5        | PASS    |

## Test Graphs B4

11A\_Ant1\_5745



11A\_Ant1\_5785



11A\_Ant1\_5825



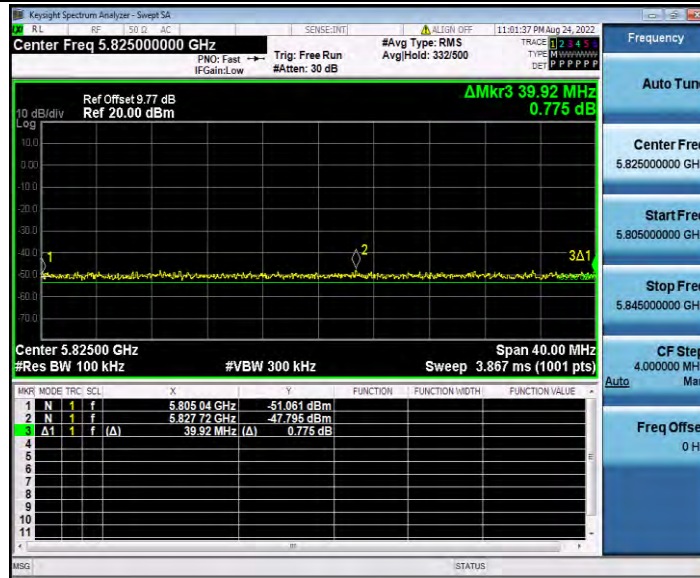
11N20SISO\_Ant1\_5745



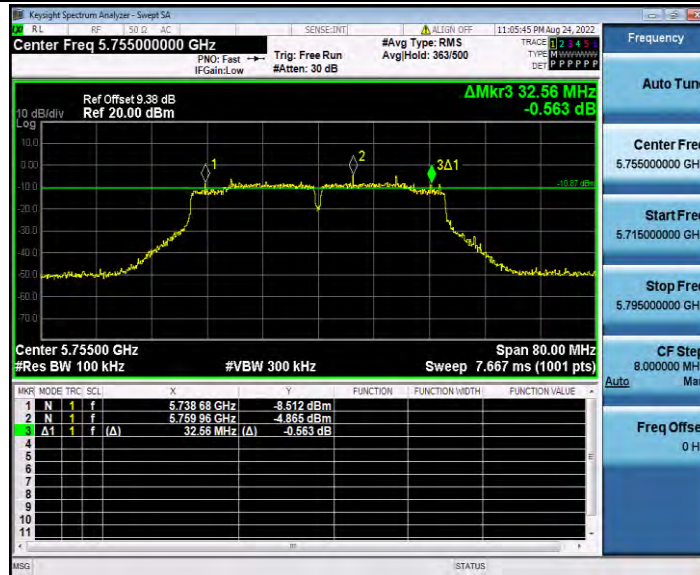
11N20SISO\_Ant1\_5785



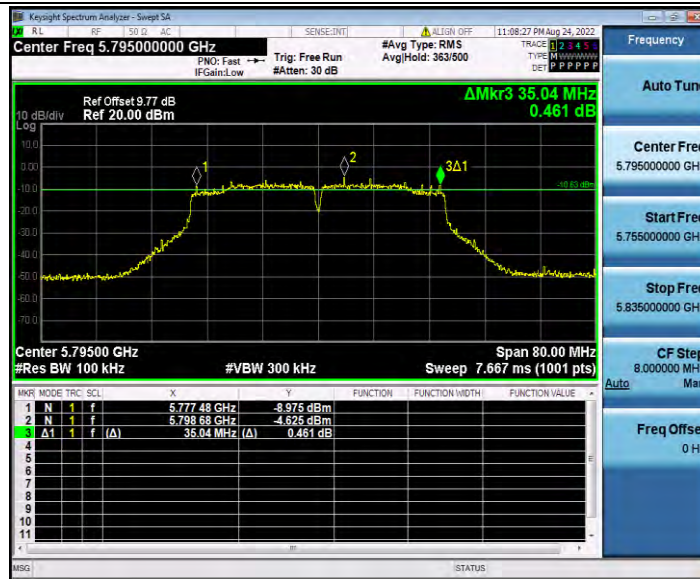
# 11N20SISO\_Ant1\_5825



# 11N40SISO\_Ant1\_5755



# 11N40SISO\_Ant1\_5795



11AC20SISO\_Ant1\_5745



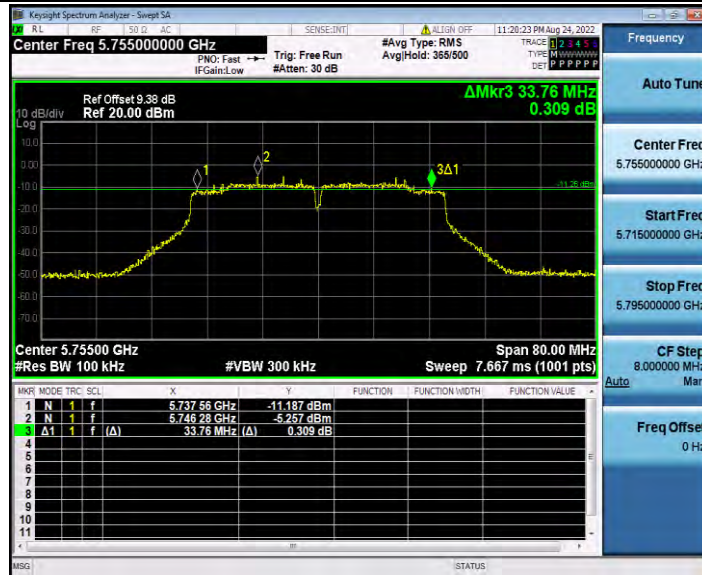
11AC20SISO\_Ant1\_5785



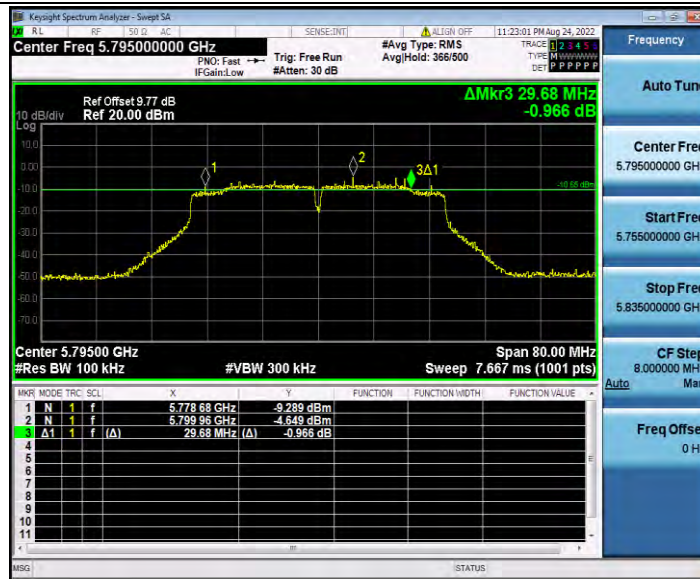
# 11AC20SISO\_Ant1\_5825



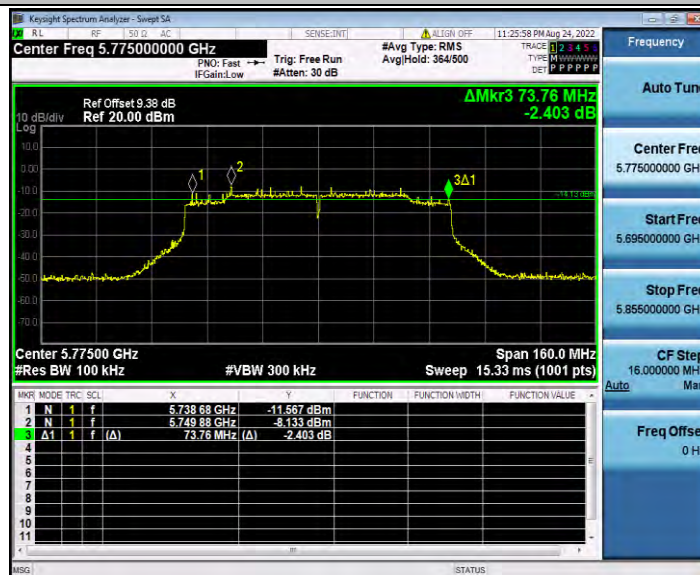
# 11AC40SISO\_Ant1\_5755



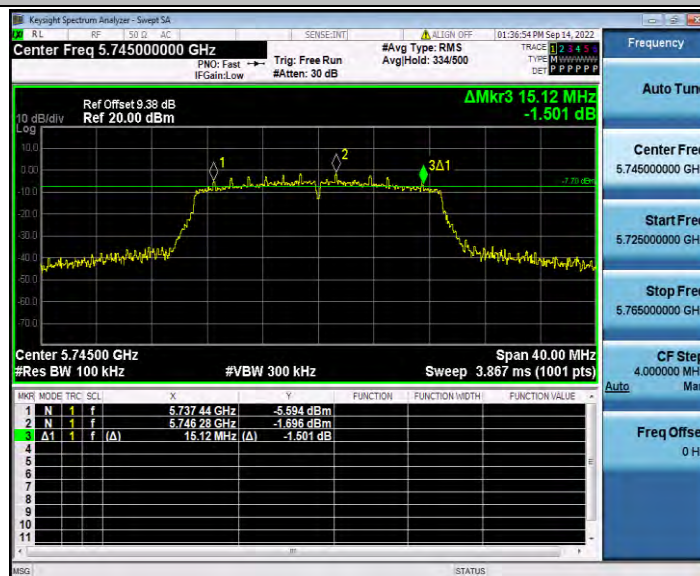
# 11AC40SISO\_Ant1\_5795



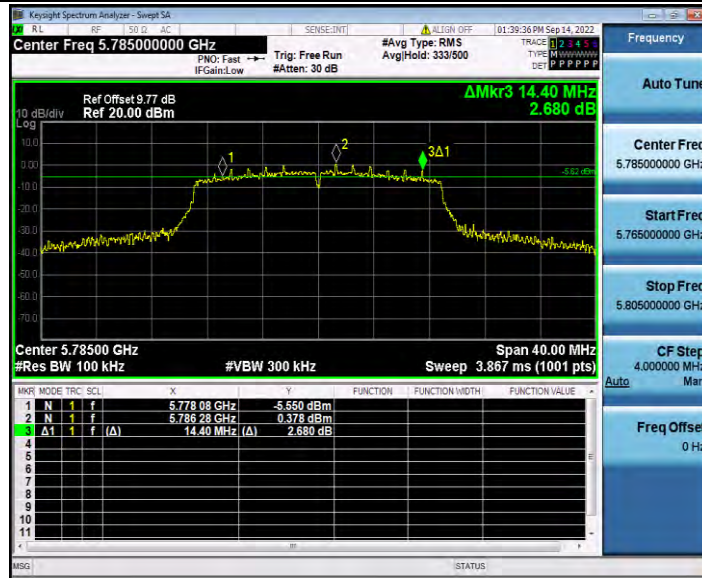
11AC80SISO\_Ant1\_5775



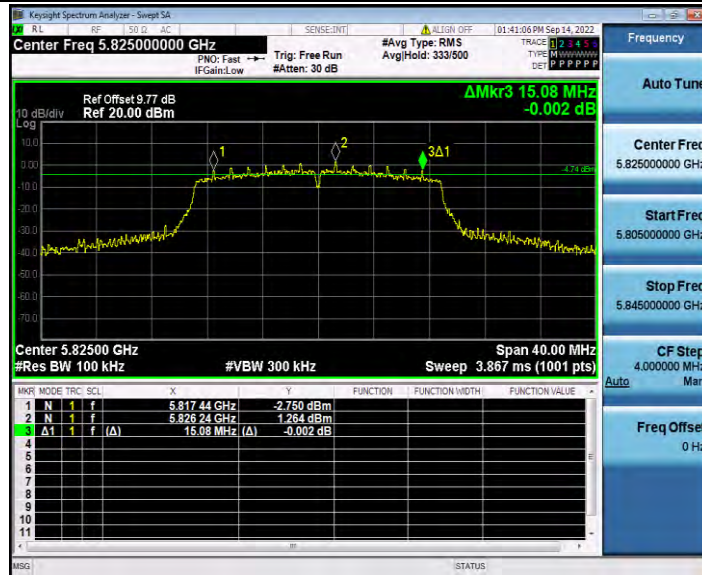
11AX20SISO\_Ant1\_5745



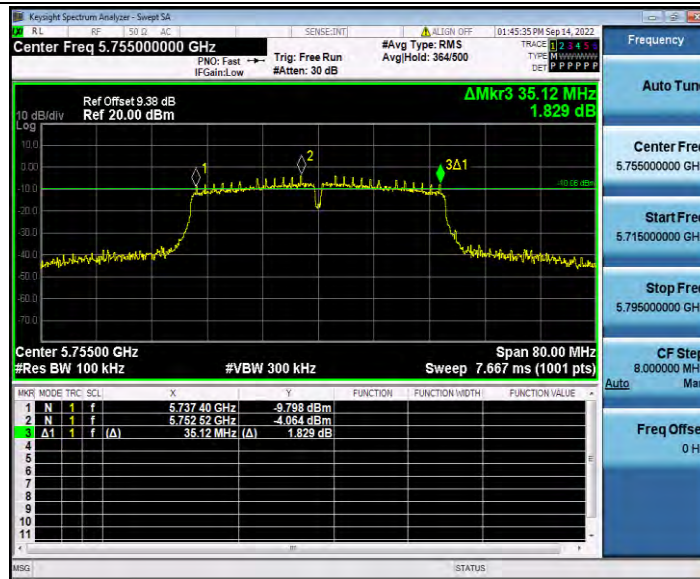
# 11AX20SISO\_Ant1\_5785



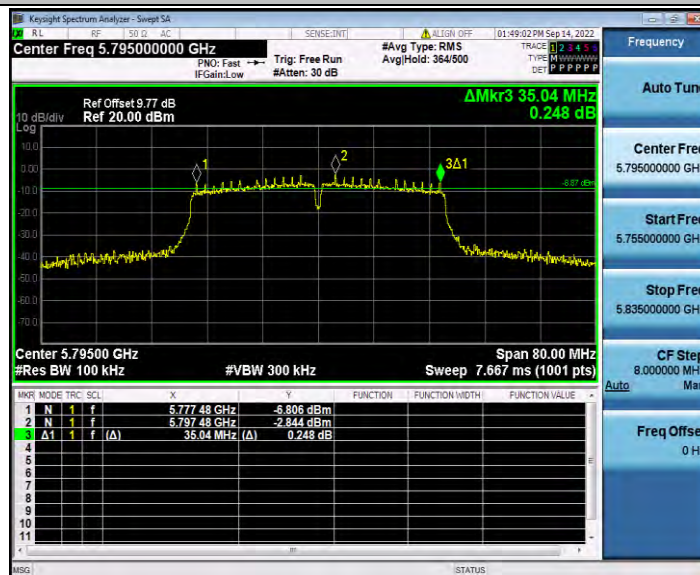
# 11AX20SISO\_Ant1\_5825



# 11AX40SISO\_Ant1\_5755



11AX40ISO\_Ant1\_5795



11AX80ISO\_Ant1\_5775

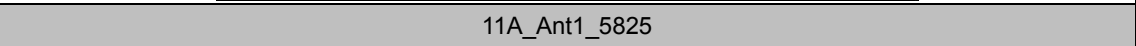
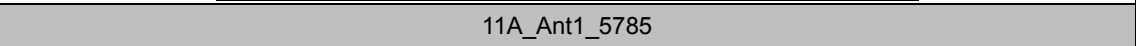


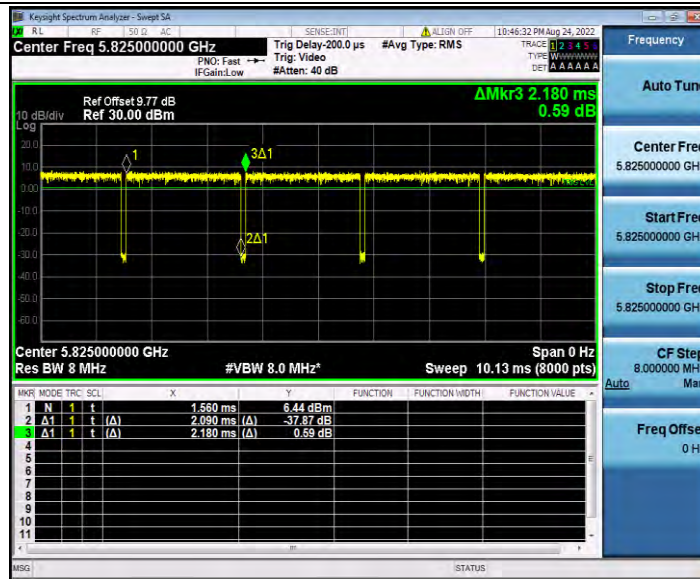
## Appendix E.3: Duty Cycle

### Test Result

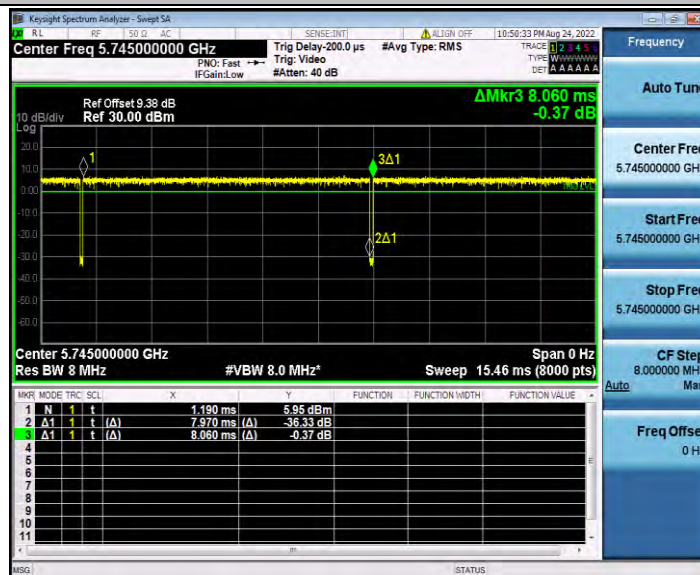
| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11A        | Ant1    | 5745           | 2.09                       | 2.17                     | 96.31          |
|            |         | 5785           | 2.09                       | 2.18                     | 95.87          |
|            |         | 5825           | 2.09                       | 2.18                     | 95.87          |
| 11N20SISO  | Ant1    | 5745           | 7.97                       | 8.06                     | 98.88          |
|            |         | 5785           | 7.97                       | 8.06                     | 98.88          |
|            |         | 5825           | 30.00                      | 30.00                    | 100.00         |
| 11N40SISO  | Ant1    | 5755           | 7.96                       | 8.05                     | 98.88          |
|            |         | 5795           | 7.96                       | 8.05                     | 98.88          |
| 11AC20SISO | Ant1    | 5745           | 7.96                       | 8.05                     | 98.88          |
|            |         | 5785           | 7.96                       | 8.05                     | 98.88          |
|            |         | 5825           | 7.96                       | 8.05                     | 98.88          |
| 11AC40SISO | Ant1    | 5755           | 7.94                       | 8.03                     | 98.88          |
|            |         | 5795           | 7.94                       | 8.03                     | 98.88          |
| 11AC80SISO | Ant1    | 5775           | 7.94                       | 8.03                     | 98.88          |
| 11AX20SISO | Ant1    | 5745           | 1.31                       | 1.36                     | 96.32          |
|            |         | 5785           | 1.31                       | 1.35                     | 97.04          |
|            |         | 5825           | 1.31                       | 1.36                     | 96.32          |
| 11AX40SISO | Ant1    | 5755           | 0.65                       | 0.69                     | 94.20          |
|            |         | 5795           | 0.65                       | 0.69                     | 94.20          |
| 11AX80SISO | Ant1    | 5775           | 0.32                       | 0.36                     | 88.89          |

11A\_Ant1\_5745

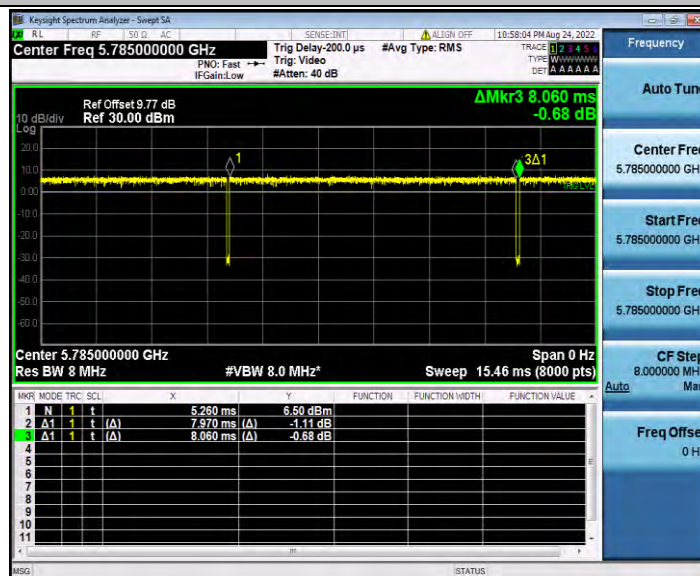




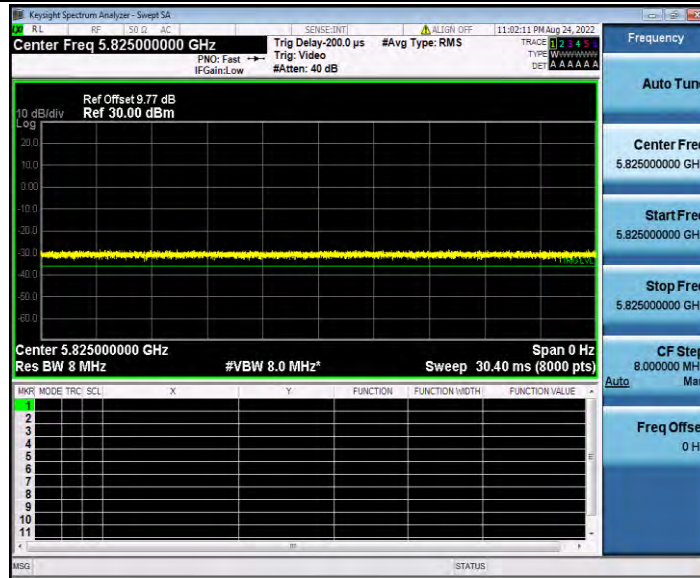
11N20SISO\_Ant1\_5745



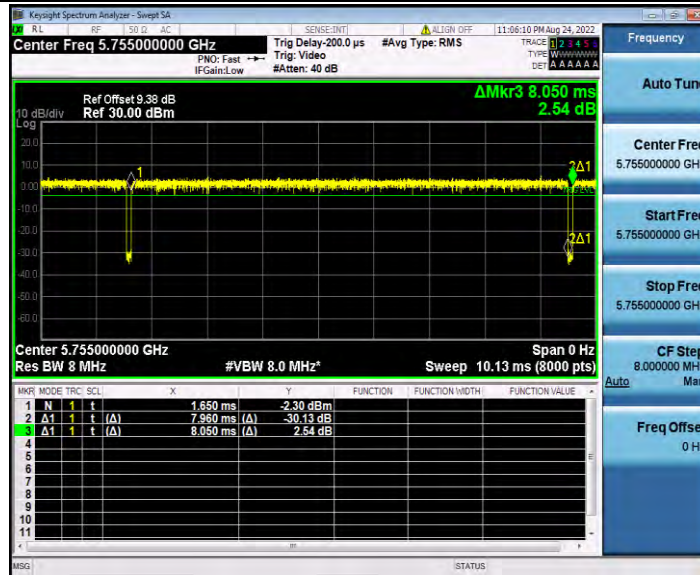
11N20SISO\_Ant1\_5785



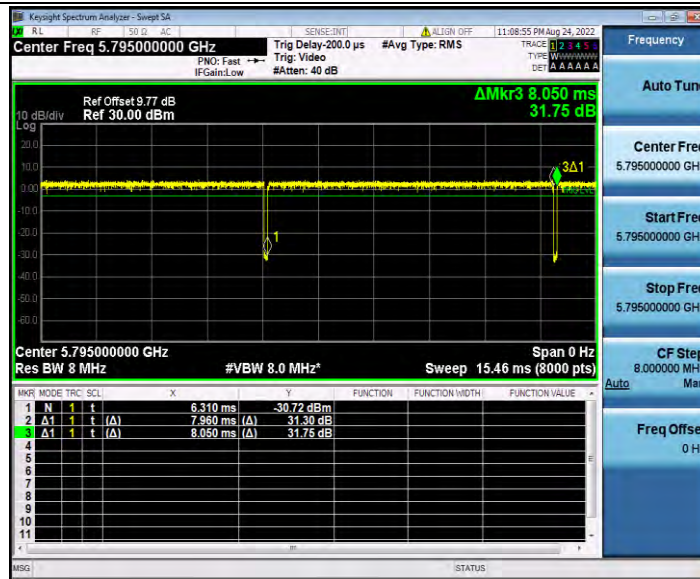
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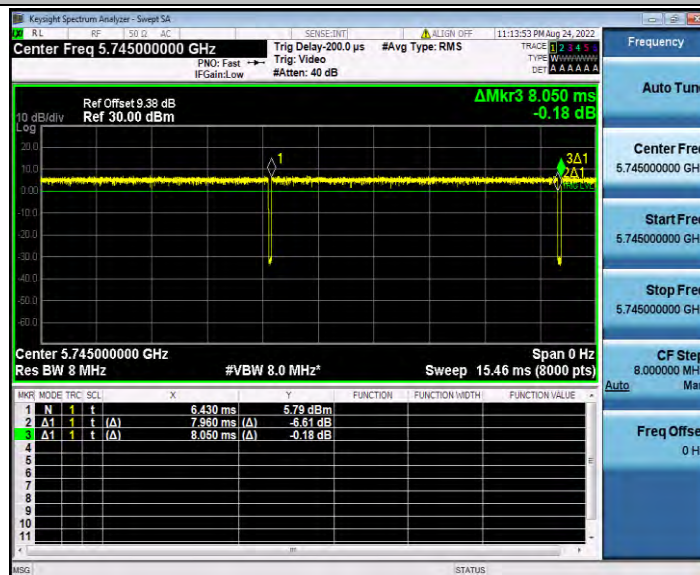
# 11N40SISO\_Ant1\_5755



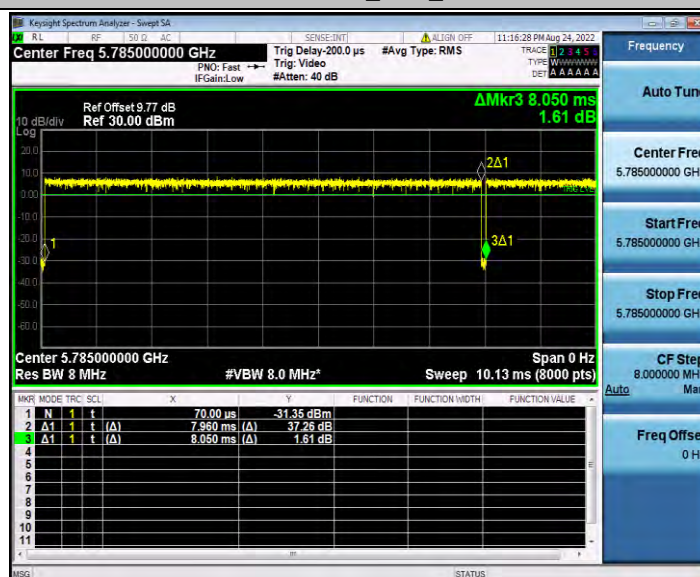
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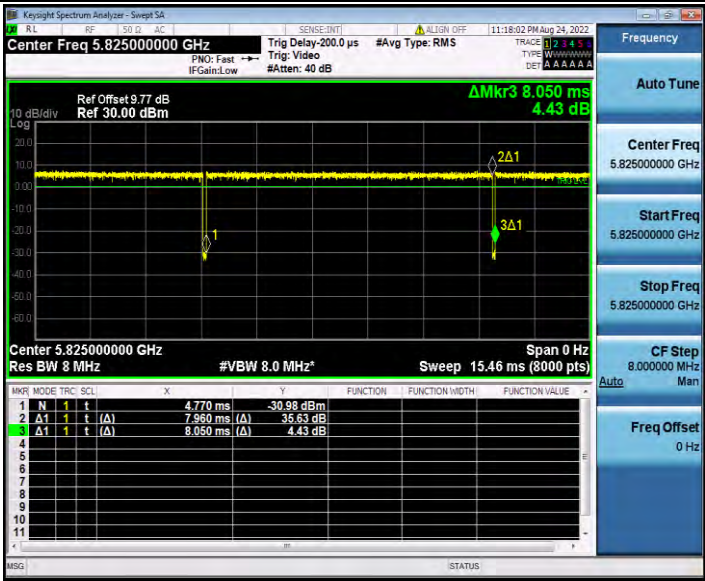
11AC20SISO\_Ant1\_5745



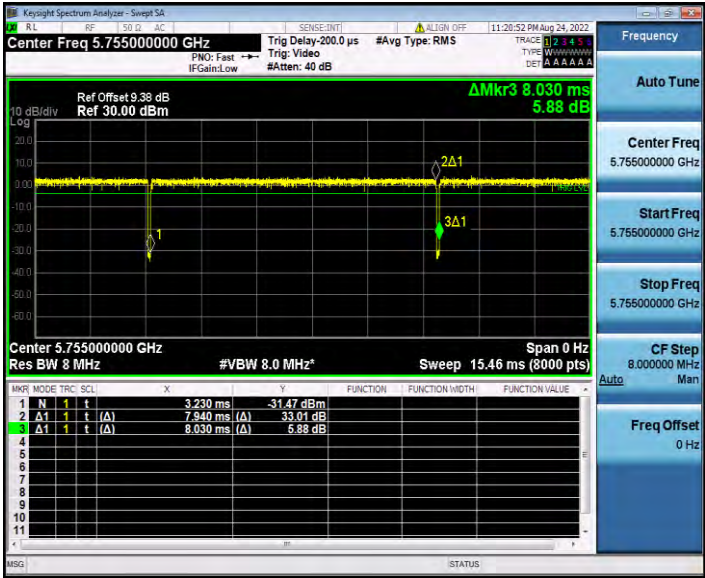
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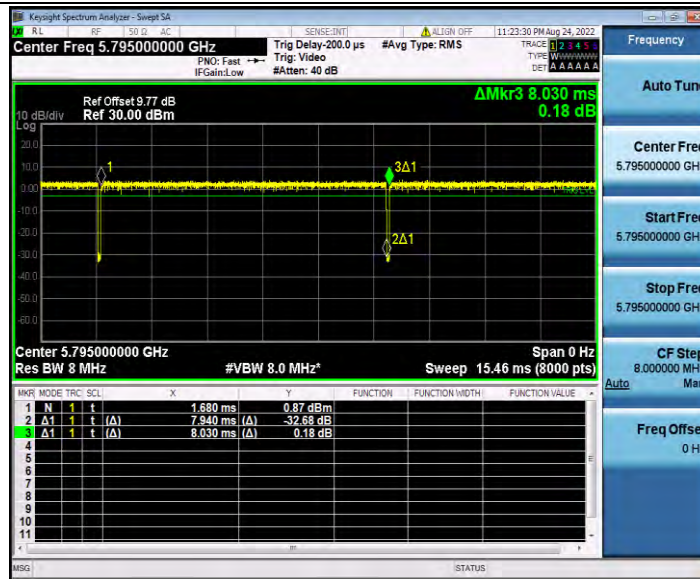
11AC20SISO\_Ant1\_5825



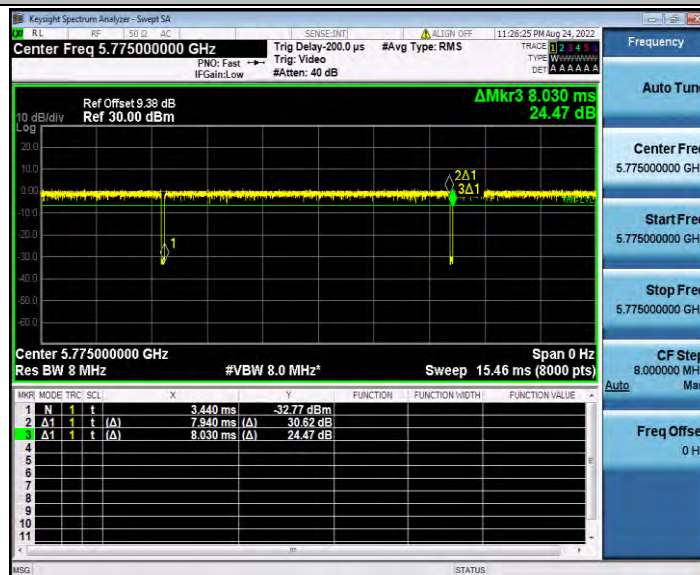
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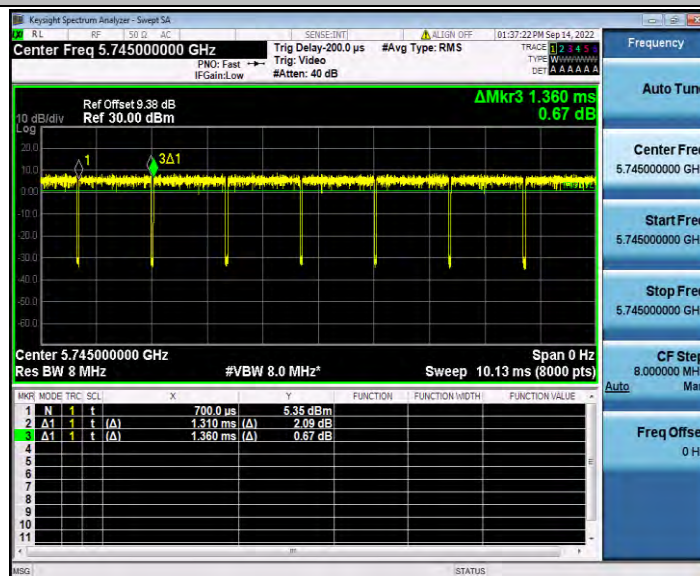
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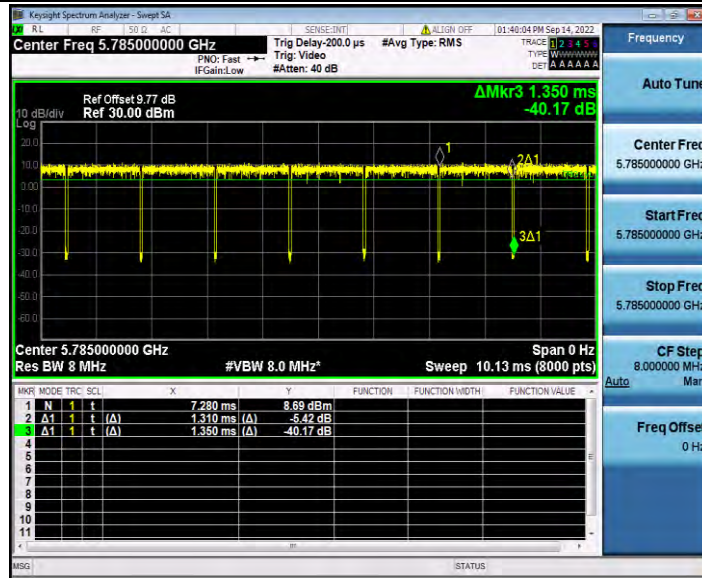
11AC80SISO\_Ant1\_5775



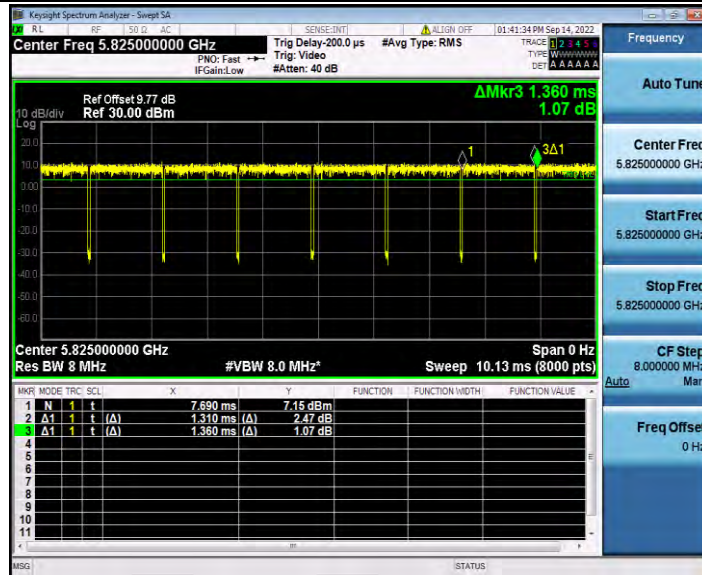
11AX20SISO\_Ant1\_5745



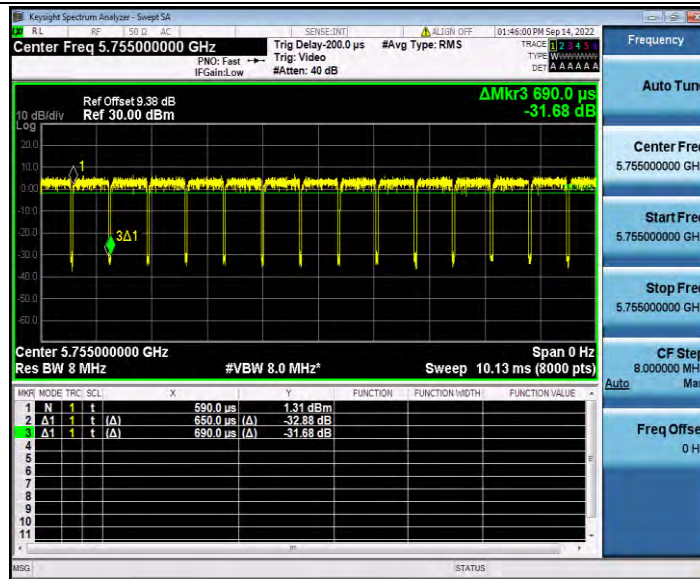
# 11AX20SISO\_Ant1\_5785



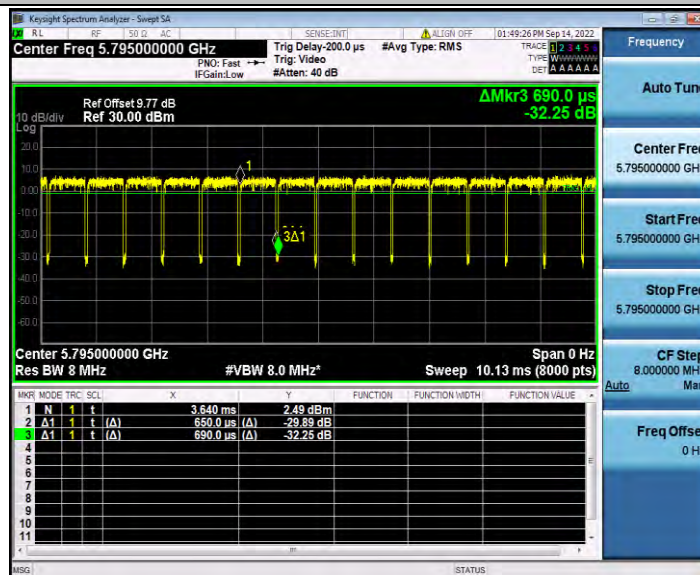
# 11AX20SISO\_Ant1\_5825



# 11AX40SISO\_Ant1\_5755



11AX40SISO\_Ant1\_5795



11AX80SISO\_Ant1\_5775

