

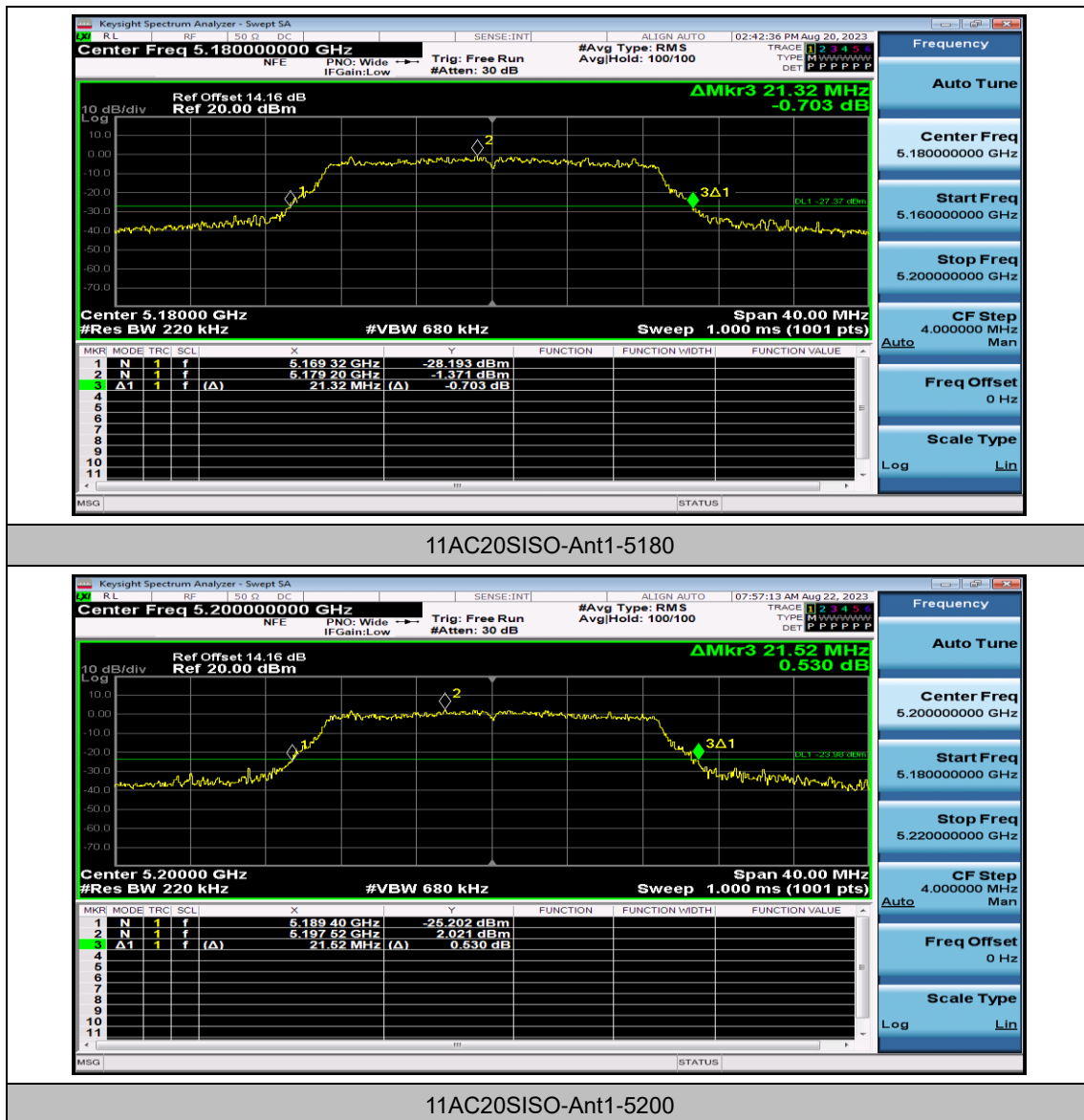
## TEST REPORT

### Appendix A1: Emission Bandwidth

#### Test Result

| TestMode   | Antenna | Frequency[MHz] | 26db<br>EBW<br>[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|----------------------|----------|----------|------------|---------|
| 11AC20SISO | Ant1    | 5180           | 21.320               | 5169.320 | 5190.640 | ---        | ---     |
| 11AC20SISO | Ant1    | 5200           | 21.520               | 5189.400 | 5210.920 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | 21.160               | 5229.400 | 5250.560 | ---        | ---     |
| 11AC20SISO | Ant1    | 5260           | 21.360               | 5249.360 | 5270.720 | ---        | ---     |
| 11AC20SISO | Ant1    | 5280           | 21.240               | 5269.440 | 5290.680 | ---        | ---     |
| 11AC20SISO | Ant1    | 5320           | 21.440               | 5309.360 | 5330.800 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500           | 21.240               | 5489.520 | 5510.760 | ---        | ---     |
| 11AC20SISO | Ant1    | 5580           | 21.400               | 5569.320 | 5590.720 | ---        | ---     |
| 11AC20SISO | Ant1    | 5700           | 21.640               | 5689.080 | 5710.720 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 21.080               | 5734.560 | 5755.640 | ---        | ---     |
| 11AC20SISO | Ant1    | 5785           | 21.440               | 5774.240 | 5795.680 | ---        | ---     |
| 11AC20SISO | Ant1    | 5825           | 21.560               | 5814.360 | 5835.920 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 39.680               | 5170.320 | 5210.000 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | 39.840               | 5210.000 | 5249.840 | ---        | ---     |
| 11AC40SISO | Ant1    | 5270           | 40.000               | 5250.320 | 5290.320 | ---        | ---     |
| 11AC40SISO | Ant1    | 5310           | 39.520               | 5290.320 | 5329.840 | ---        | ---     |
| 11AC40SISO | Ant1    | 5510           | 39.920               | 5490.240 | 5530.160 | ---        | ---     |
| 11AC40SISO | Ant1    | 5550           | 39.760               | 5530.240 | 5570.000 | ---        | ---     |
| 11AC40SISO | Ant1    | 5670           | 39.840               | 5649.920 | 5689.760 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 39.760               | 5735.160 | 5774.920 | ---        | ---     |
| 11AC40SISO | Ant1    | 5795           | 39.920               | 5774.920 | 5814.840 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 80.960               | 5169.520 | 5250.480 | ---        | ---     |
| 11AC80SISO | Ant1    | 5290           | 80.960               | 5249.520 | 5330.480 | ---        | ---     |
| 11AC80SISO | Ant1    | 5530           | 81.600               | 5489.200 | 5570.800 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 82.880               | 5734.360 | 5817.240 | ---        | ---     |

## Test Graphs





11AC20SISO-Ant1-5240



11AC20SISO-Ant1-5260



11AC20SISO-Ant1-5280



11AC20SISO-Ant1-5320



11AC20SISO-Ant1-5500



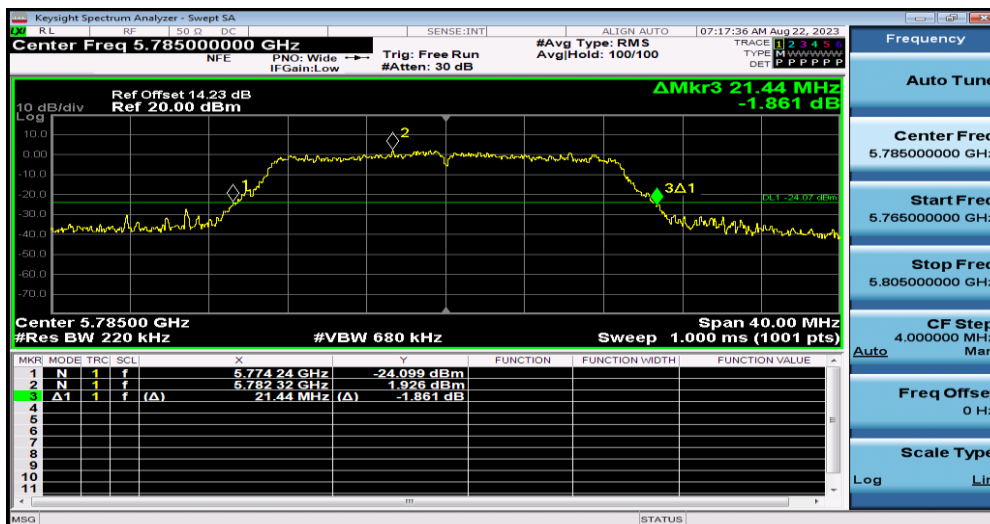
11AC20SISO-Ant1-5580



11AC20SISO-Ant1-5700



11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785



11AC20SISO-Ant1-5825



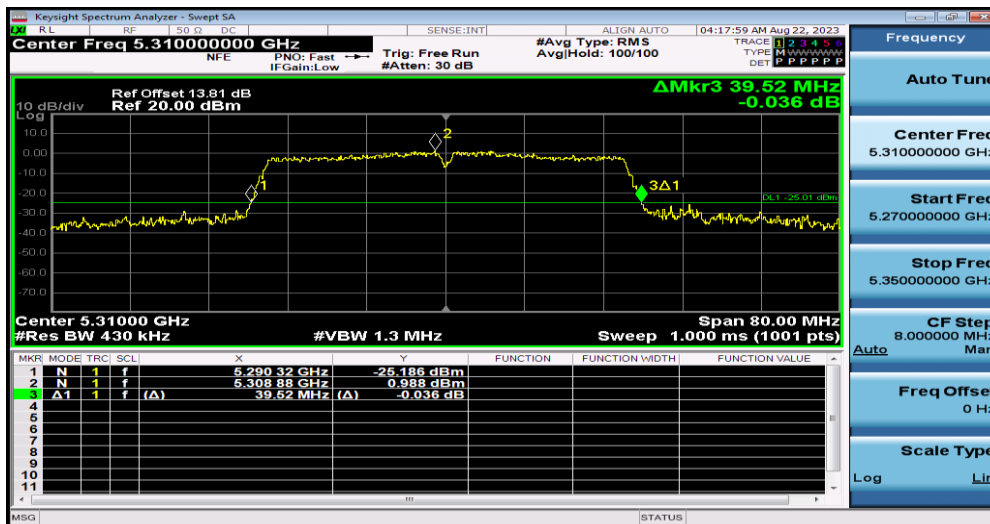
11AC40SISO-Ant1-5190



11AC40SISO-Ant1-5230



11AC40SISO-Ant1-5270



11AC40SISO-Ant1-5310



11AC40SISO-Ant1-5510



11AC40SISO-Ant1-5550



11AC40SISO-Ant1-5670



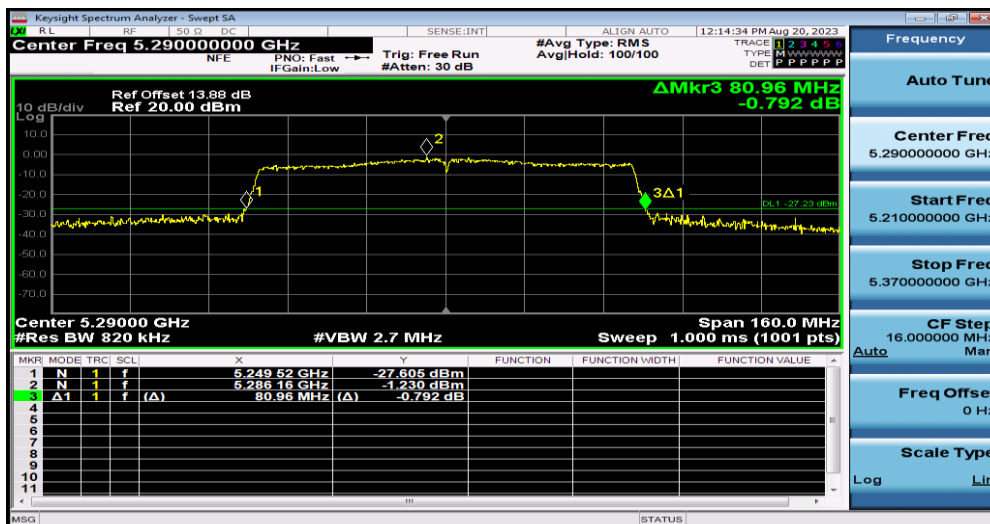
11AC40SISO-Ant1-5755



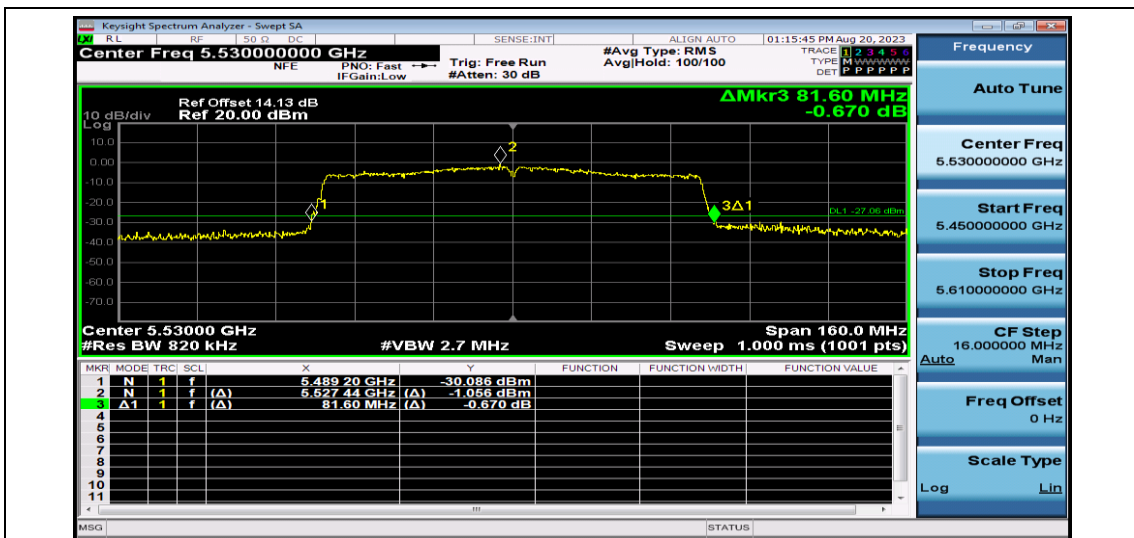
11AC40SISO-Ant1-5795



11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5290



11AC80SISO-Ant1-5530



11AC80SISO-Ant1-5775

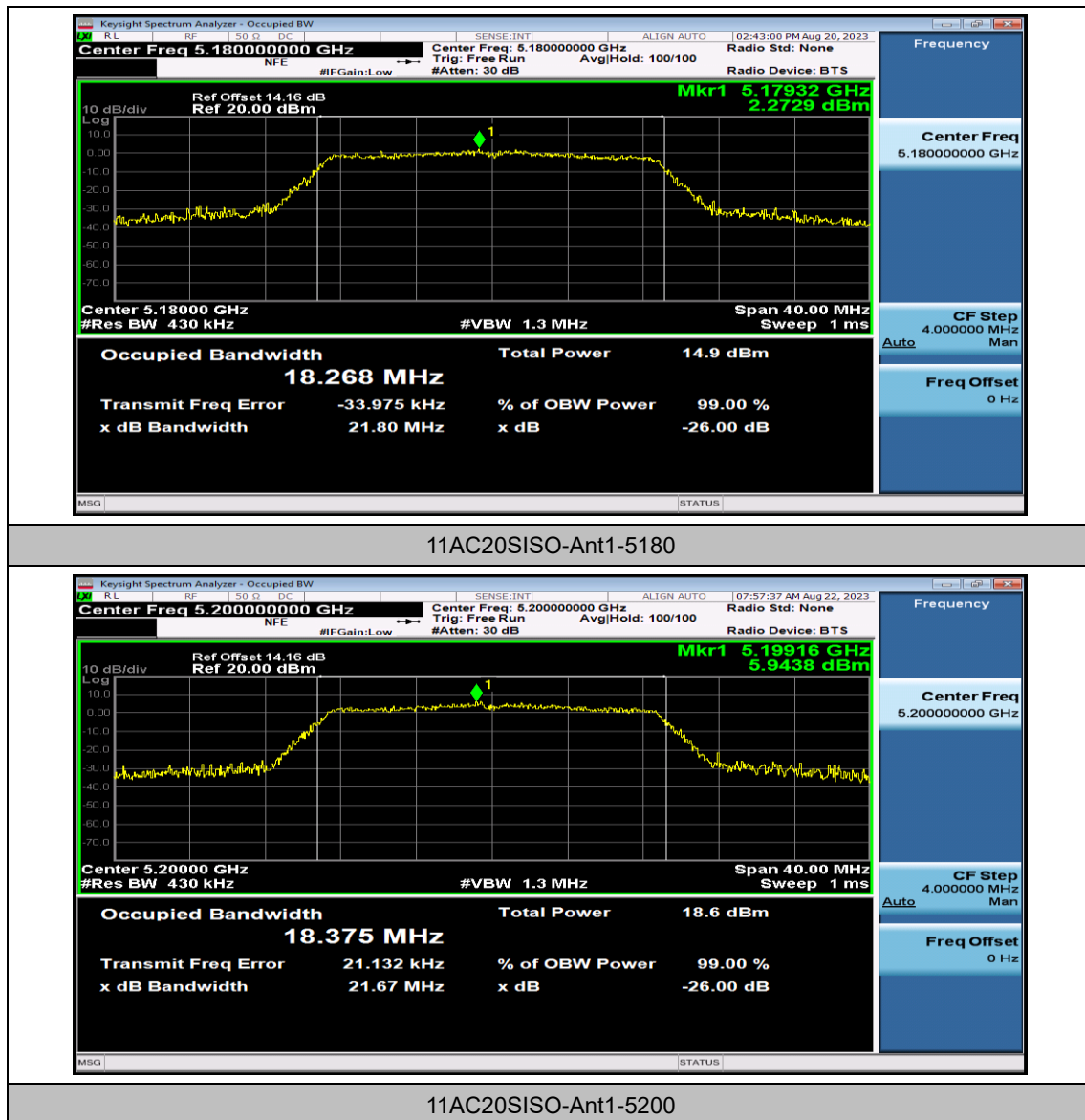
## TEST REPORT

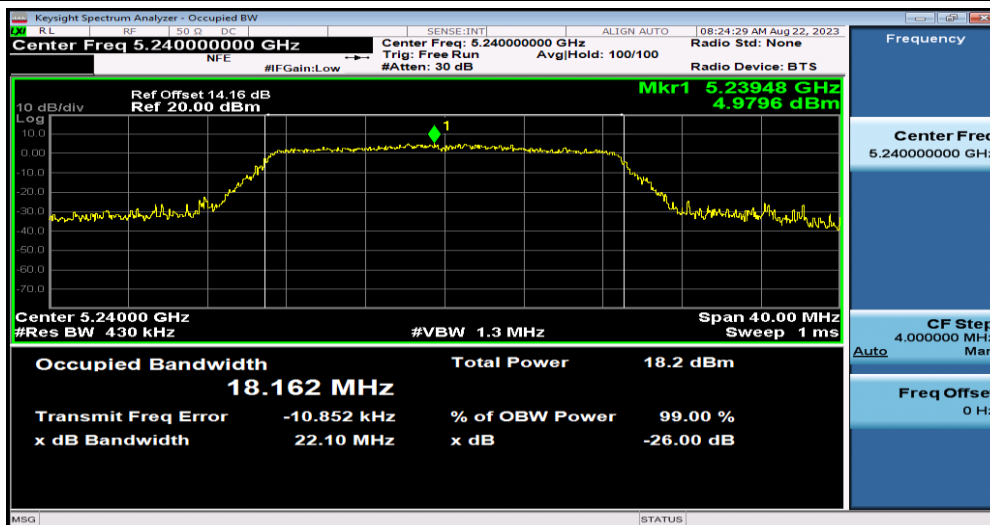
### Appendix A2: Occupied channel bandwidth

#### Test Result

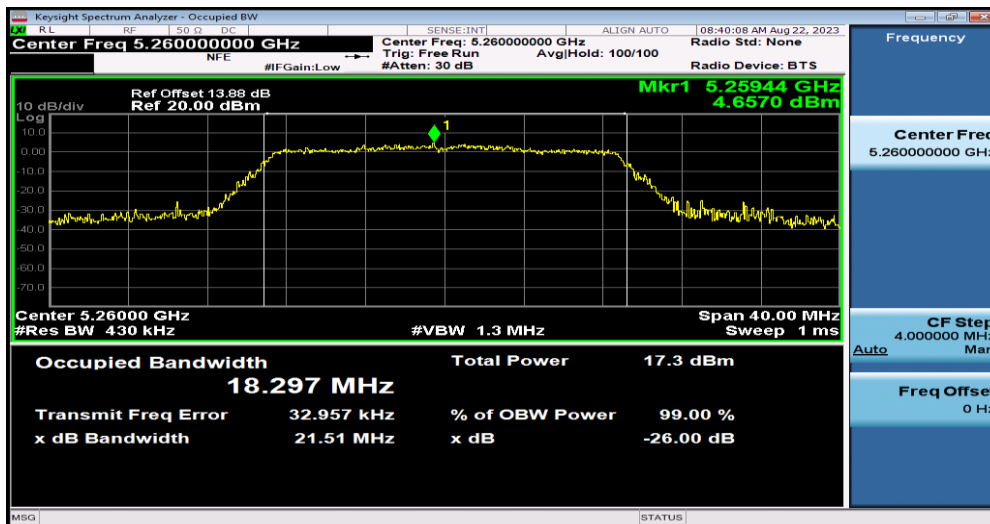
| TestMode   | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11AC20SISO | Ant1    | 5180           | 18.268    | 5170.8320 | 5189.1000 | ---        | ---     |
| 11AC20SISO | Ant1    | 5200           | 18.375    | 5190.8336 | 5209.2086 | ---        | ---     |
| 11AC20SISO | Ant1    | 5240           | 18.162    | 5230.9082 | 5249.0702 | ---        | ---     |
| 11AC20SISO | Ant1    | 5260           | 18.297    | 5250.8845 | 5269.1815 | ---        | ---     |
| 11AC20SISO | Ant1    | 5280           | 18.209    | 5270.9734 | 5289.1824 | ---        | ---     |
| 11AC20SISO | Ant1    | 5320           | 18.183    | 5310.9187 | 5329.1017 | ---        | ---     |
| 11AC20SISO | Ant1    | 5500           | 18.216    | 5490.9388 | 5509.1548 | ---        | ---     |
| 11AC20SISO | Ant1    | 5580           | 18.151    | 5570.9861 | 5589.1371 | ---        | ---     |
| 11AC20SISO | Ant1    | 5700           | 18.176    | 5690.9052 | 5709.0812 | ---        | ---     |
| 11AC20SISO | Ant1    | 5745           | 18.245    | 5735.9162 | 5754.1612 | ---        | ---     |
| 11AC20SISO | Ant1    | 5785           | 18.266    | 5775.8745 | 5794.1405 | ---        | ---     |
| 11AC20SISO | Ant1    | 5825           | 18.212    | 5815.9167 | 5834.1287 | ---        | ---     |
| 11AC40SISO | Ant1    | 5190           | 36.479    | 5171.7296 | 5208.2086 | ---        | ---     |
| 11AC40SISO | Ant1    | 5230           | 36.365    | 5211.7827 | 5248.1477 | ---        | ---     |
| 11AC40SISO | Ant1    | 5270           | 36.558    | 5251.8174 | 5288.3754 | ---        | ---     |
| 11AC40SISO | Ant1    | 5310           | 36.407    | 5291.8625 | 5328.2695 | ---        | ---     |
| 11AC40SISO | Ant1    | 5510           | 36.272    | 5491.8864 | 5528.1584 | ---        | ---     |
| 11AC40SISO | Ant1    | 5550           | 36.417    | 5531.7763 | 5568.1933 | ---        | ---     |
| 11AC40SISO | Ant1    | 5670           | 36.349    | 5651.8409 | 5688.1899 | ---        | ---     |
| 11AC40SISO | Ant1    | 5755           | 36.384    | 5736.8713 | 5773.2553 | ---        | ---     |
| 11AC40SISO | Ant1    | 5795           | 36.496    | 5776.7592 | 5813.2552 | ---        | ---     |
| 11AC80SISO | Ant1    | 5210           | 75.762    | 5172.1654 | 5247.9274 | ---        | ---     |
| 11AC80SISO | Ant1    | 5290           | 75.919    | 5252.1626 | 5328.0816 | ---        | ---     |
| 11AC80SISO | Ant1    | 5530           | 75.589    | 5492.3029 | 5567.8919 | ---        | ---     |
| 11AC80SISO | Ant1    | 5775           | 75.743    | 5737.2182 | 5812.9612 | ---        | ---     |

## Test Graphs

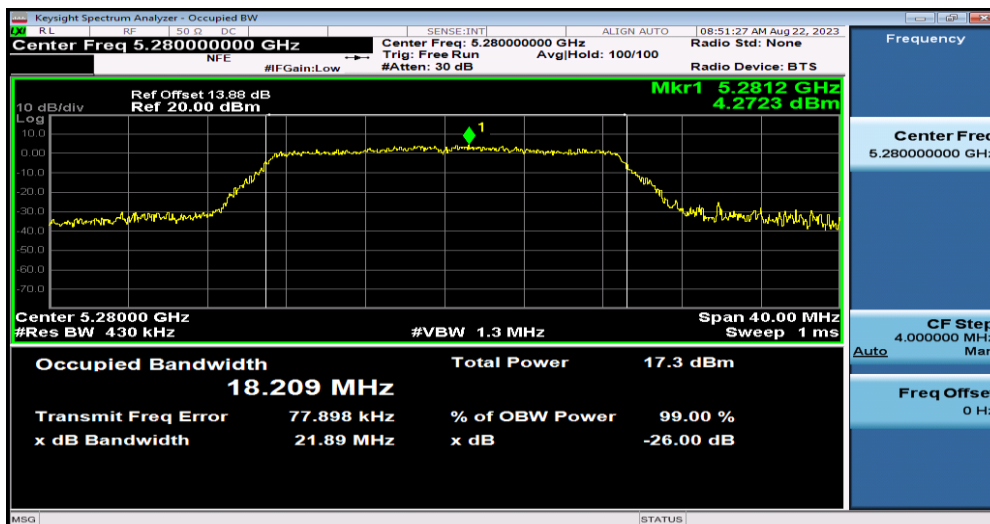




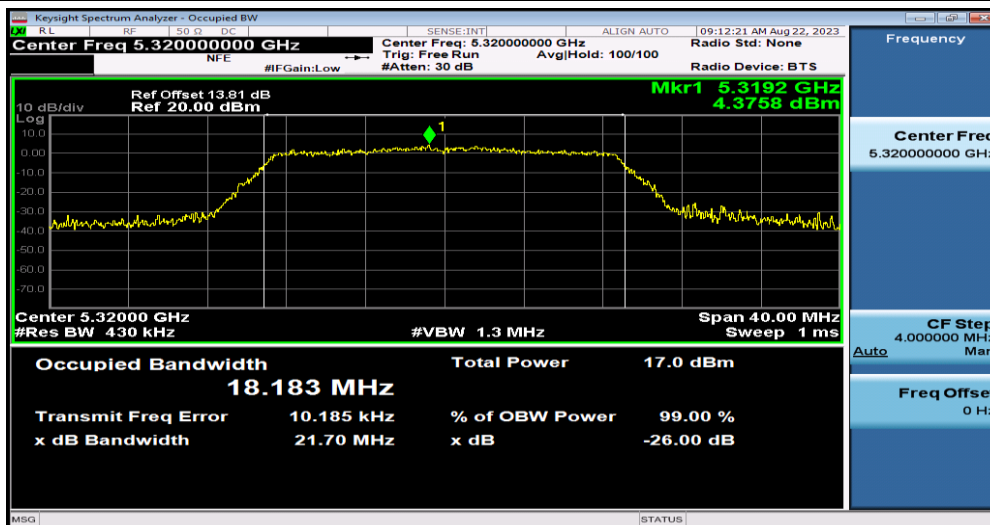
11AC20SISO-Ant1-5240



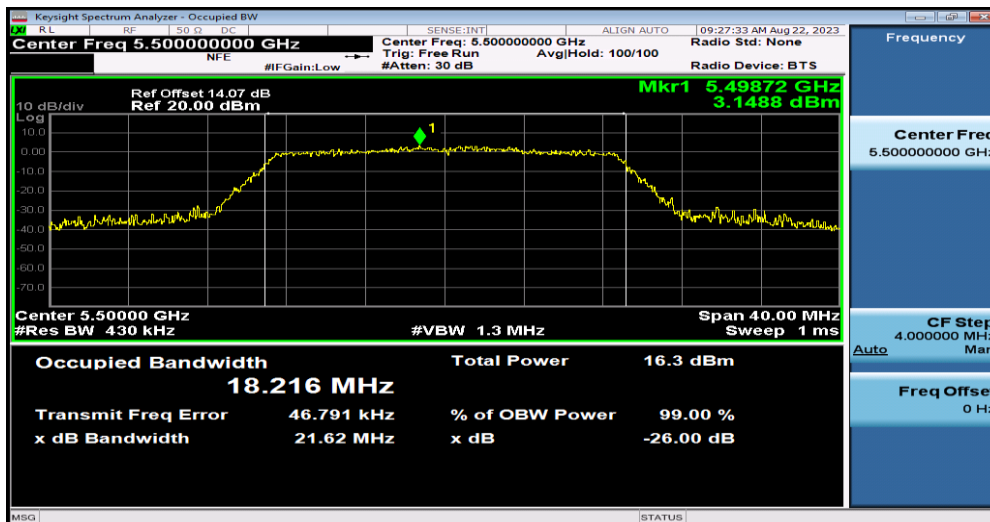
11AC20SISO-Ant1-5260



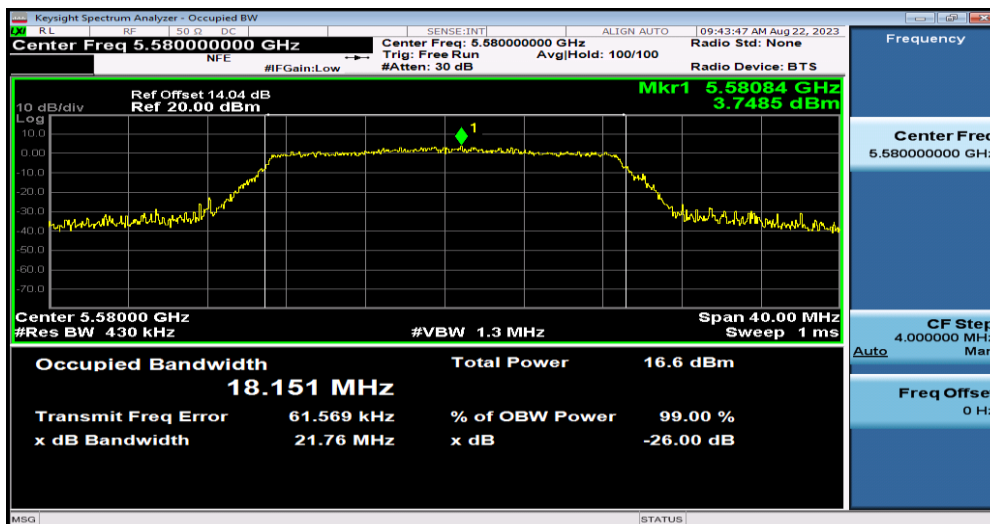
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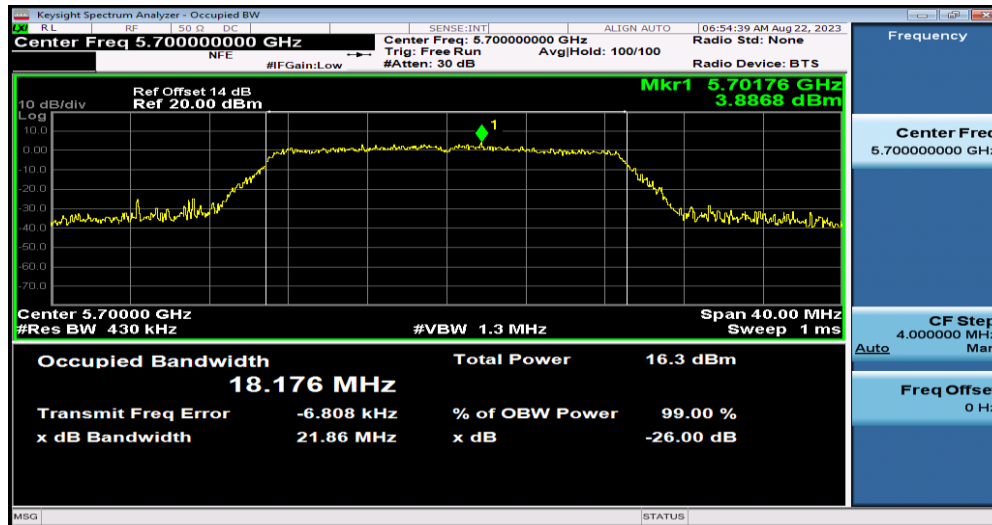
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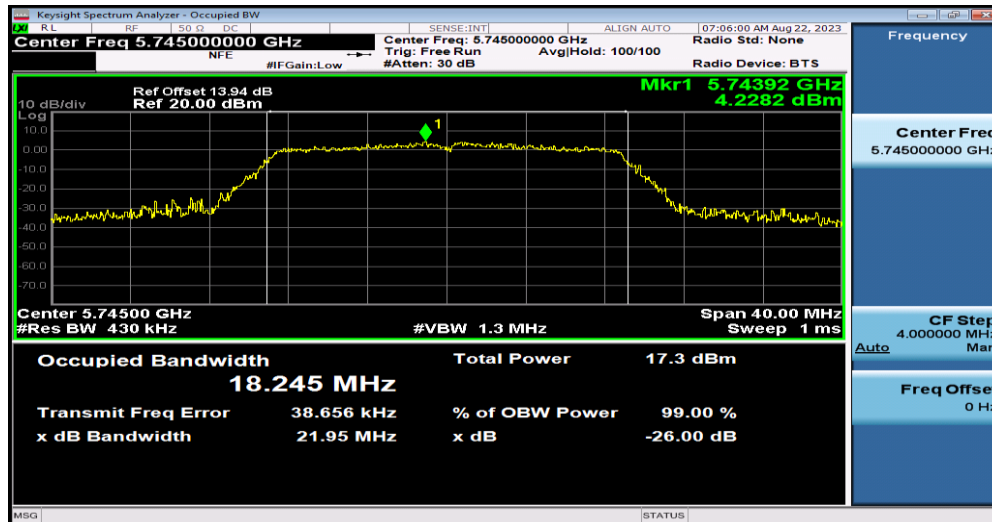
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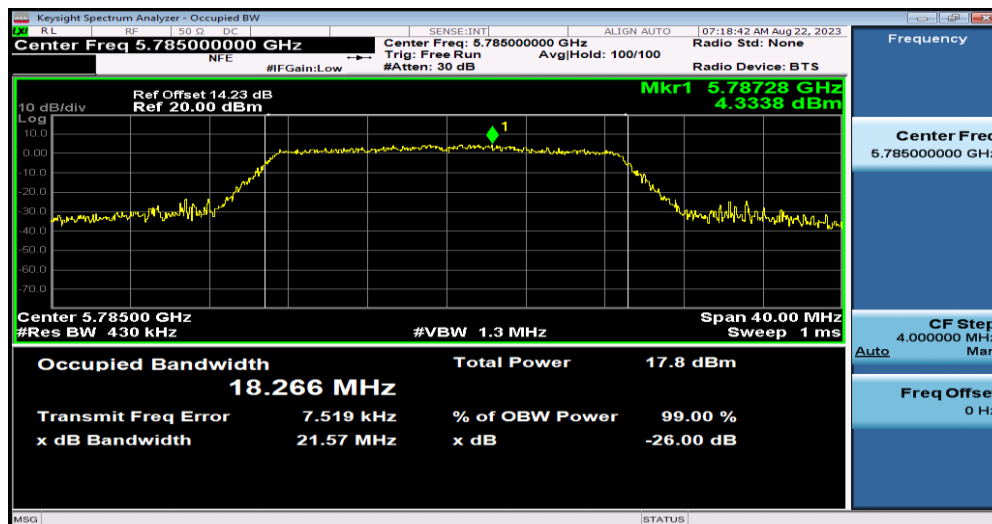
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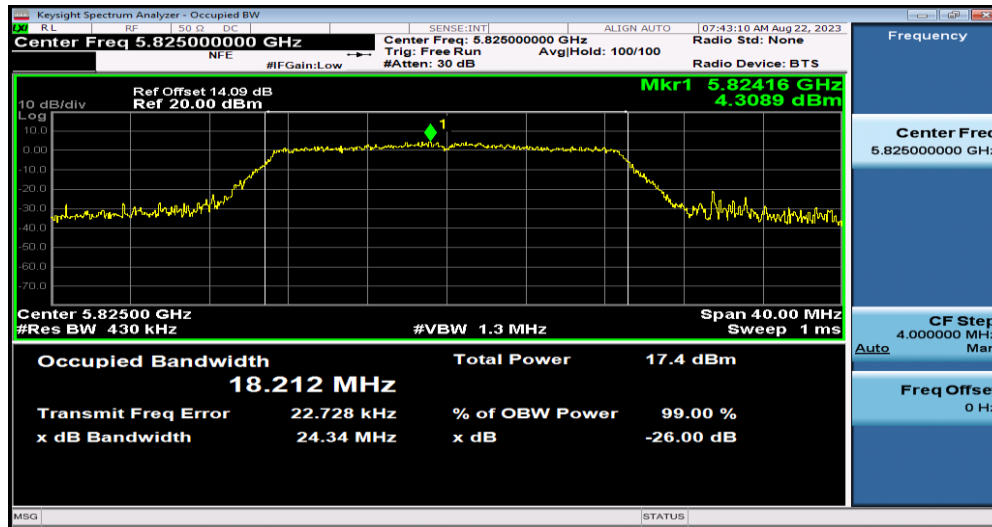
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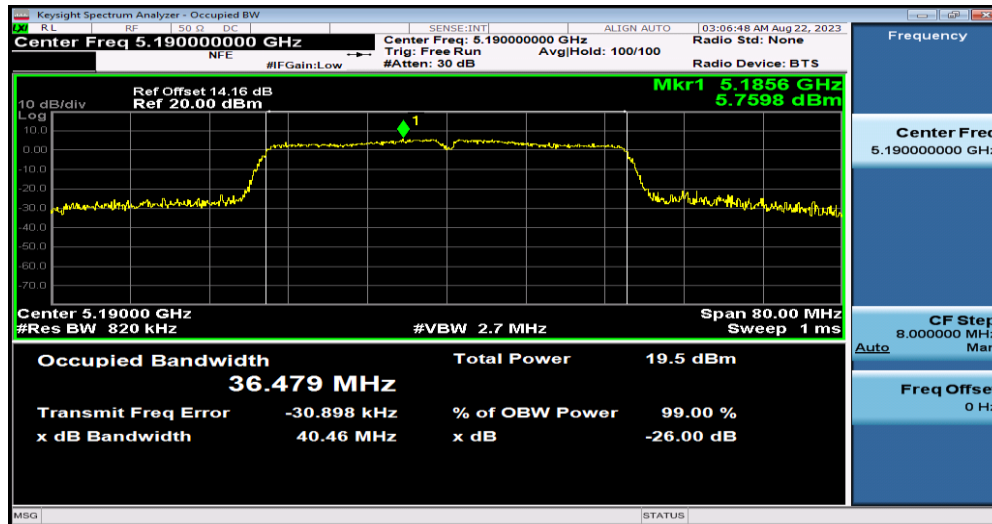
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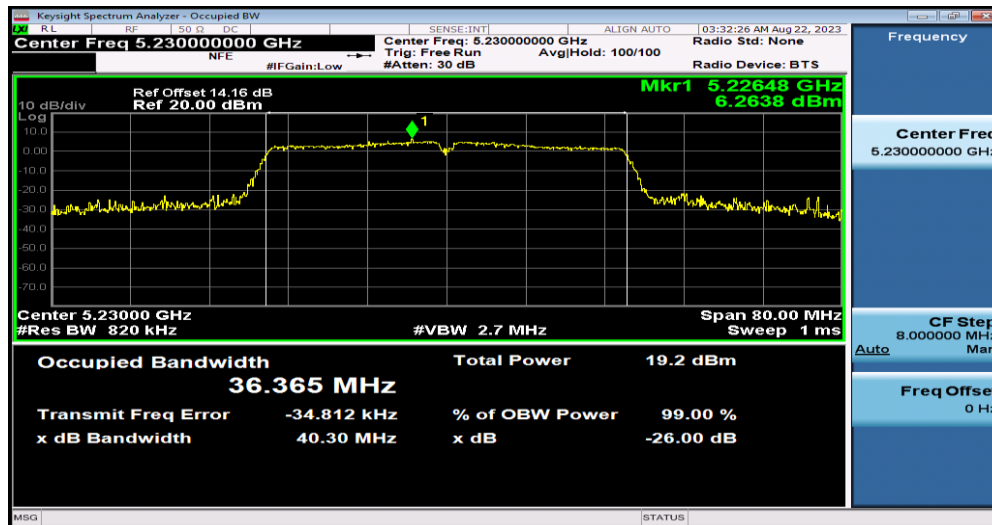
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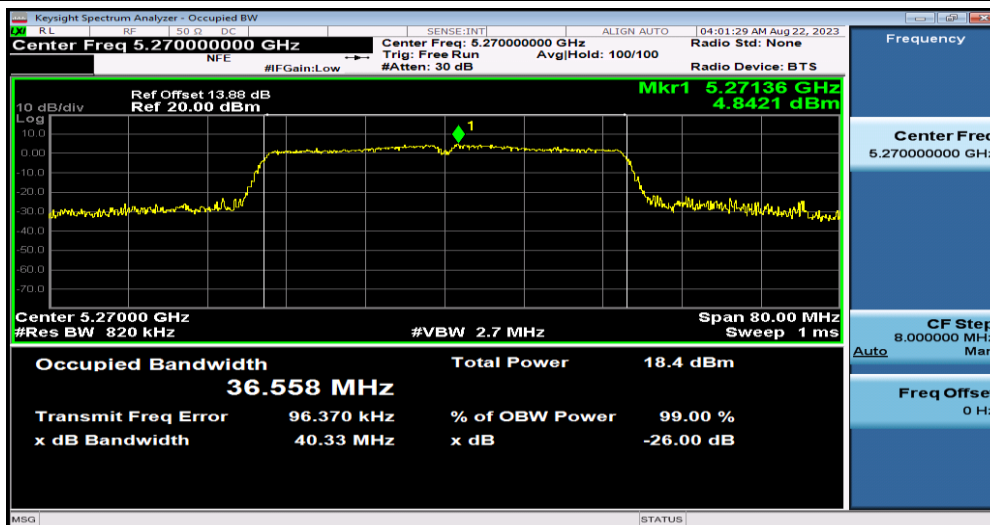
11AC20SISO-Ant1-5825



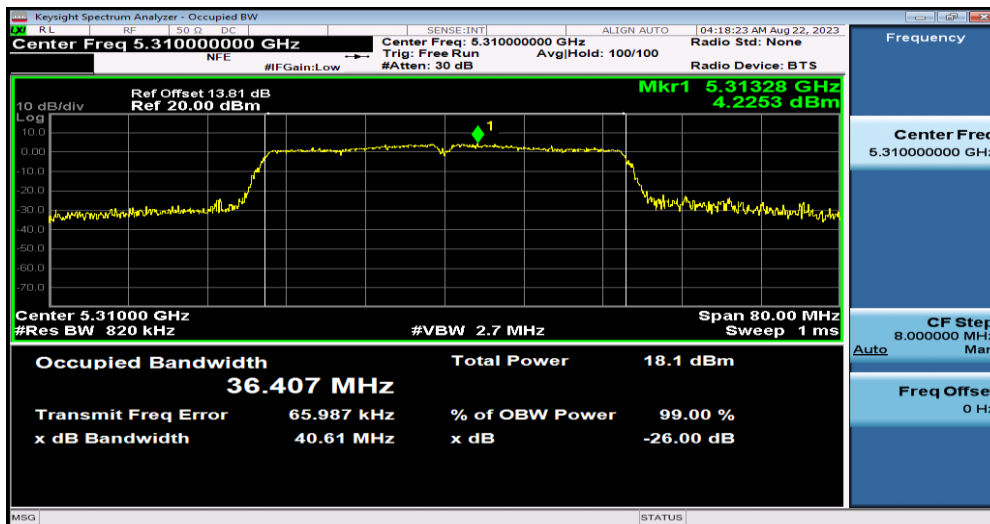
11AC40SISO-Ant1-5190



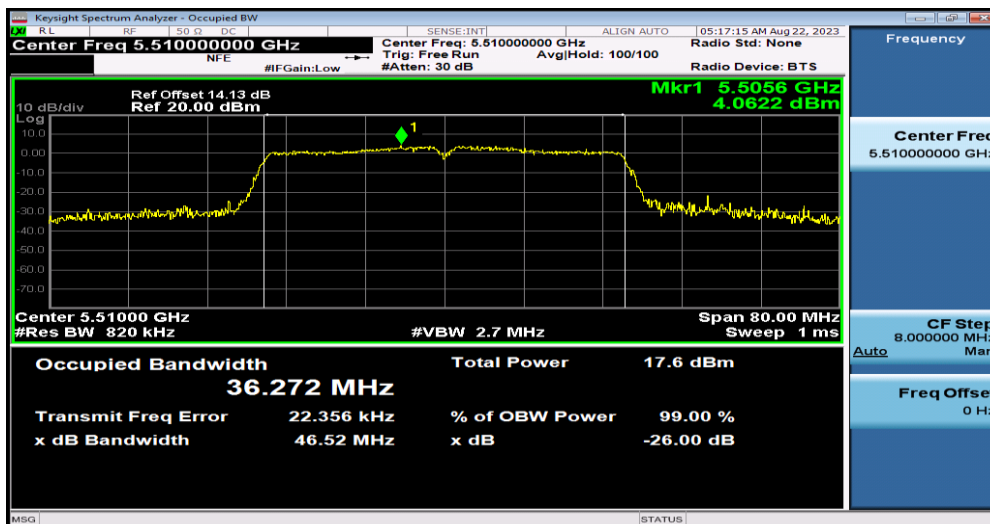
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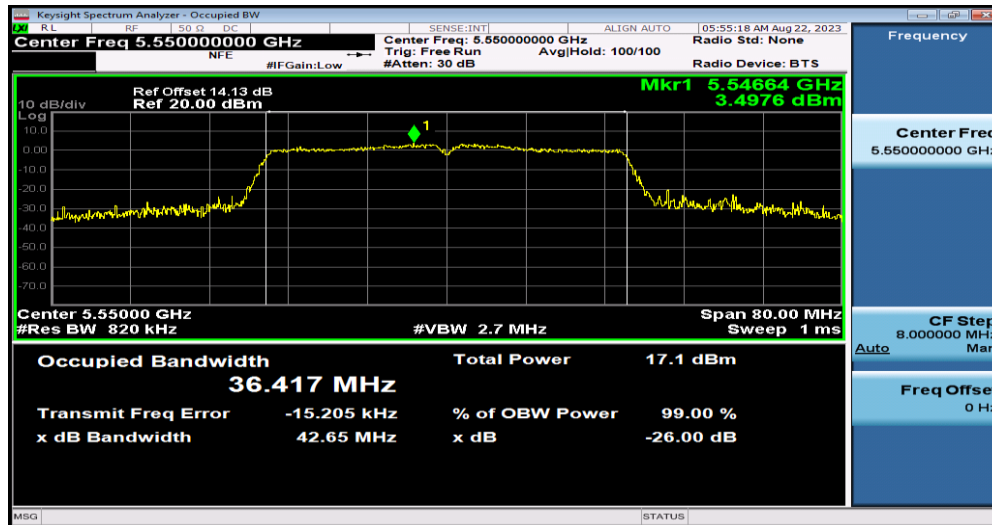
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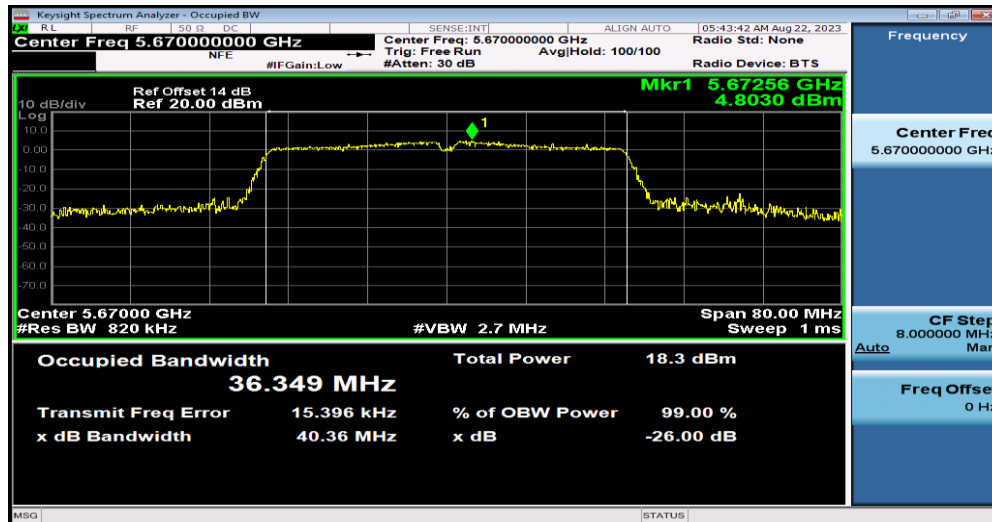
11AC40SISO-Ant1-5310



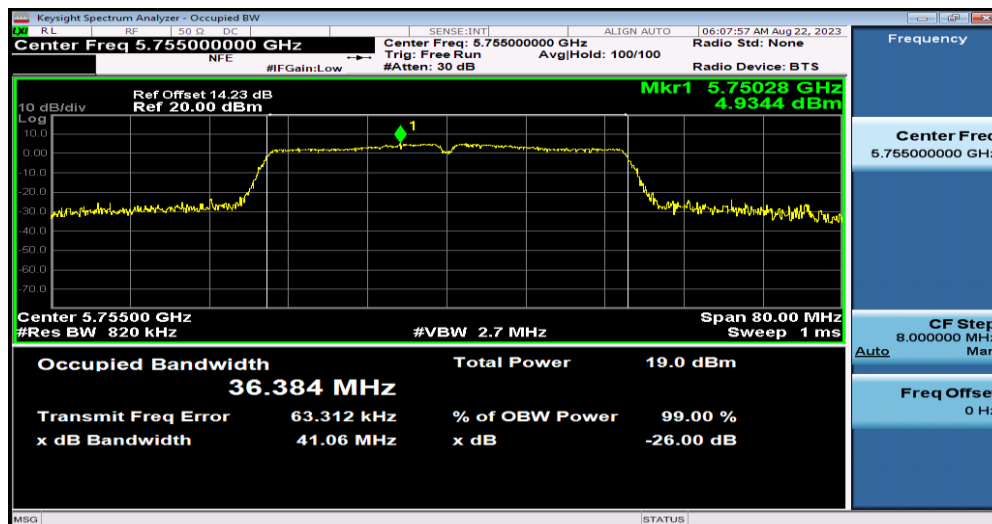
11AC40SISO-Ant1-5510



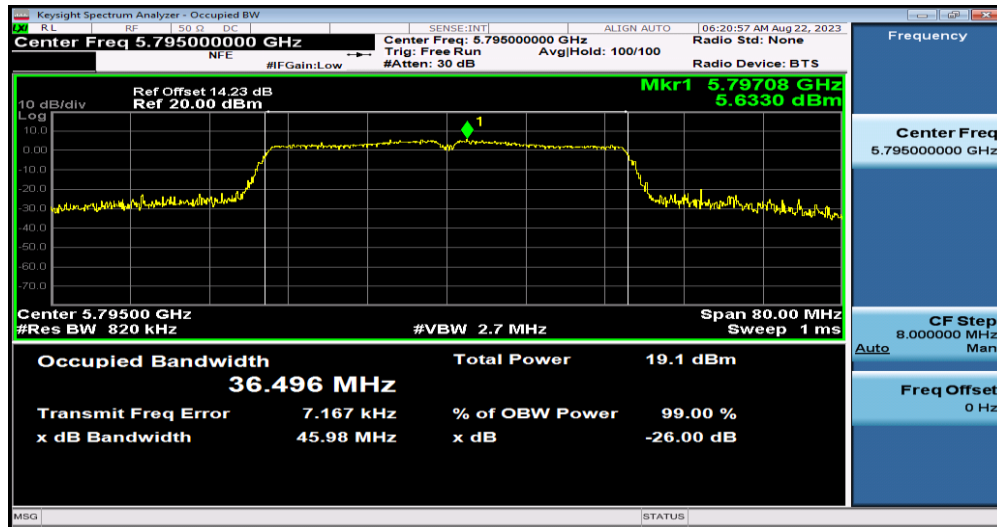
11AC40SISO-Ant1-5550



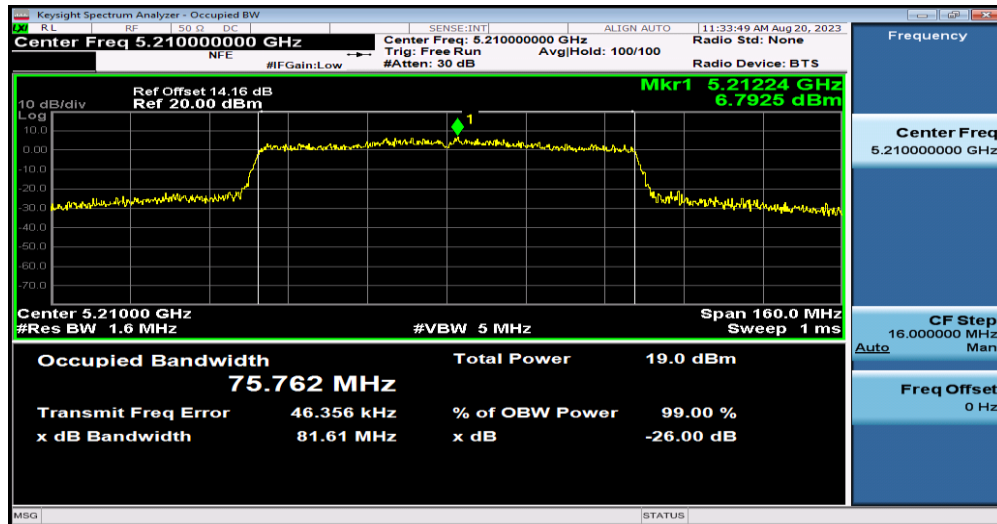
11AC40SISO-Ant1-5670



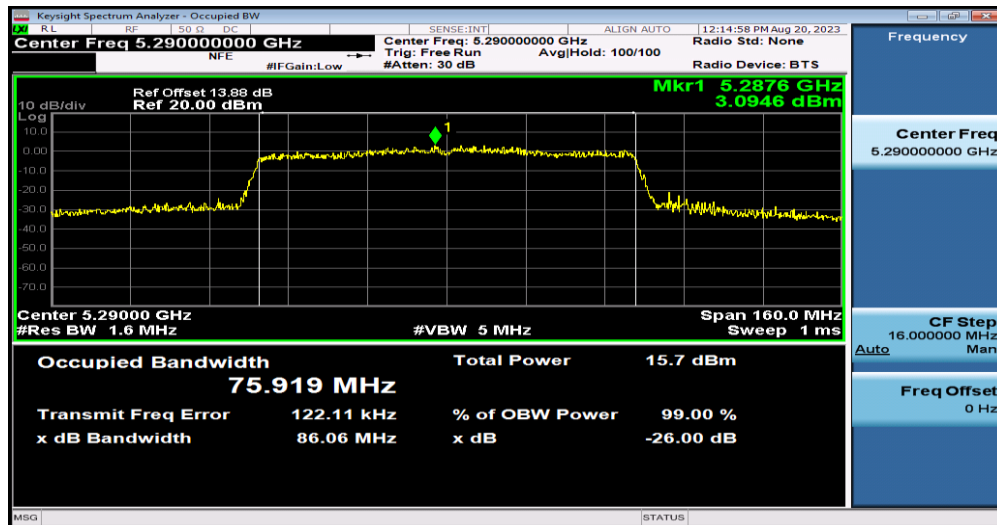
11AC40SISO-Ant1-5755



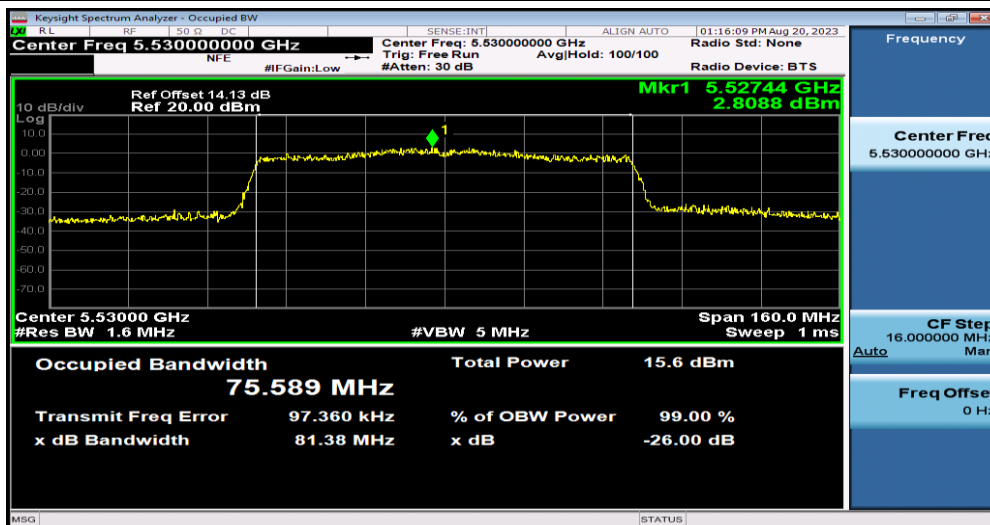
11AC40SISO-Ant1-5795



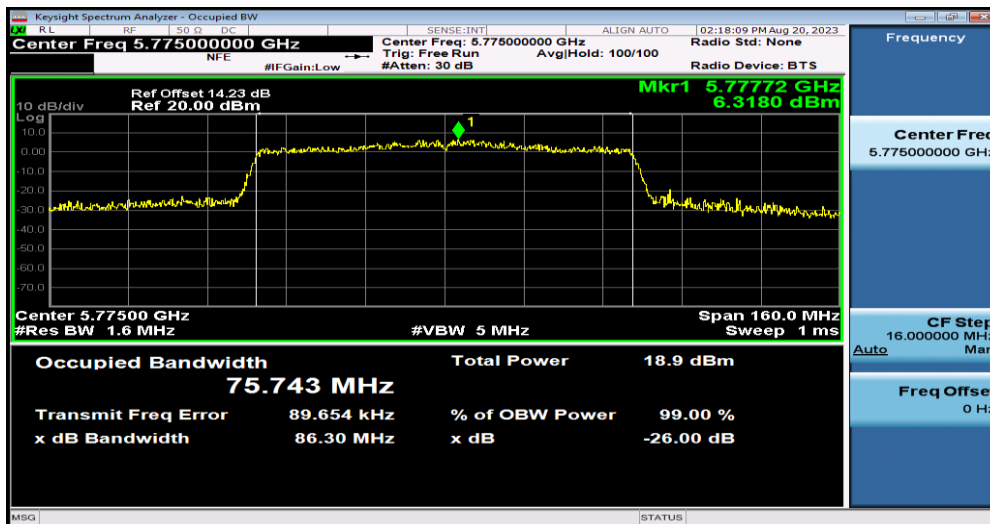
11AC80SISO-Ant1-5210



11AC80SISO-Ant1-5290



11AC80SISO-Ant1-5530



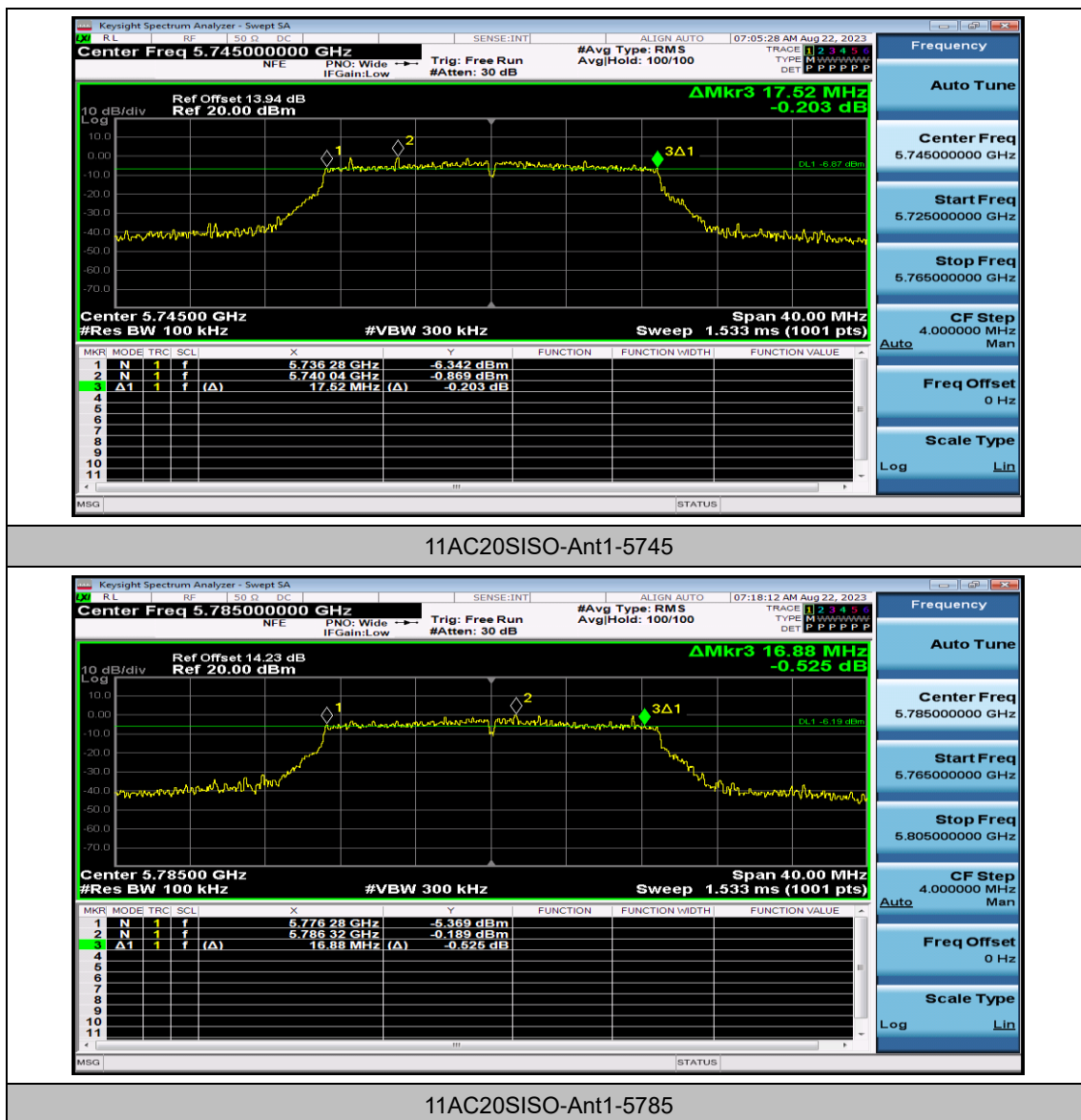
11AC80SISO-Ant1-5775

## Appendix A3: Min emission bandwidth

### Test Result B4

| TestMode   | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|----------|----------|------------|---------|
| 11AC20SISO | Ant1    | 5745           | 17.520        | 5736.280 | 5753.800 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5785           | 16.880        | 5776.280 | 5793.160 | 0.5        | PASS    |
| 11AC20SISO | Ant1    | 5825           | 17.560        | 5816.280 | 5833.840 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5755           | 36.000        | 5737.160 | 5773.160 | 0.5        | PASS    |
| 11AC40SISO | Ant1    | 5795           | 35.200        | 5777.480 | 5812.680 | 0.5        | PASS    |
| 11AC80SISO | Ant1    | 5775           | 75.040        | 5737.560 | 5812.600 | 0.5        | PASS    |

## Test Graphs B4

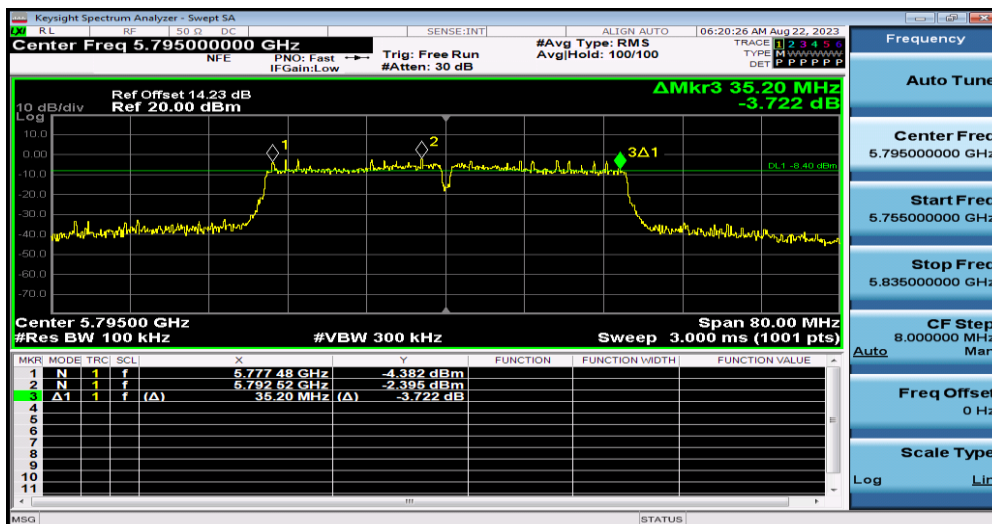




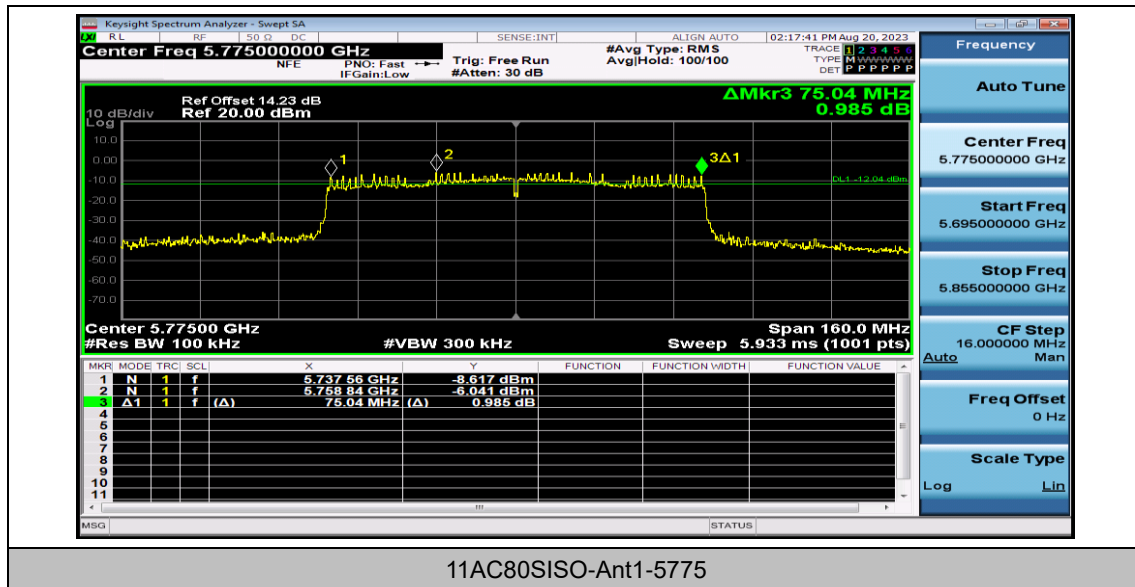
11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795



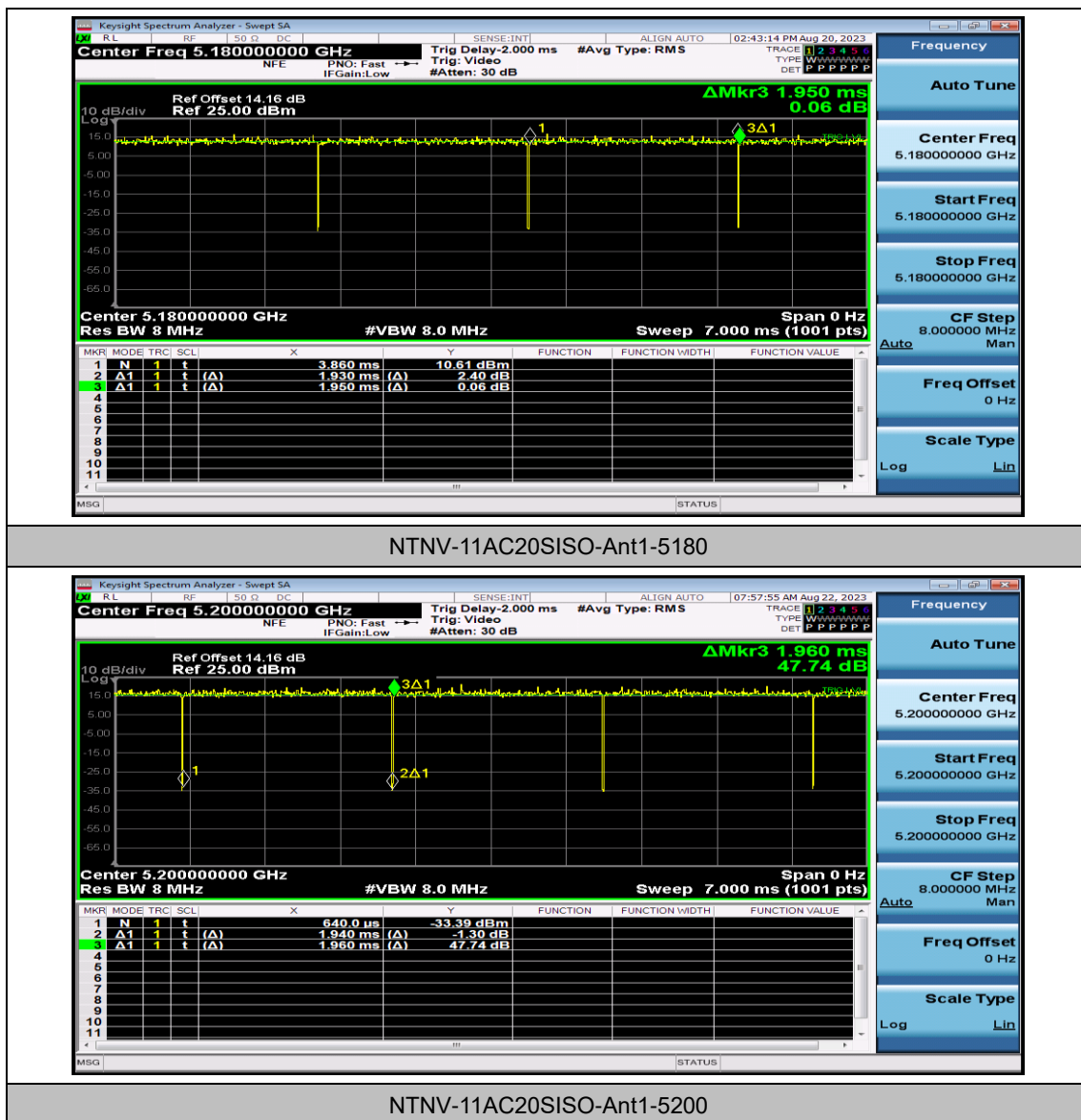
## TEST REPORT

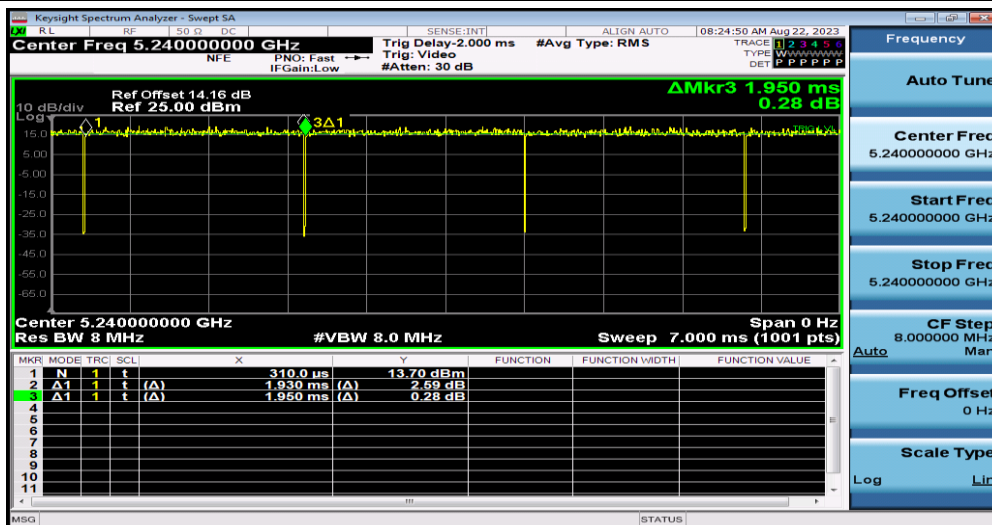
### Appendix B: Duty Cycle

#### Test Result

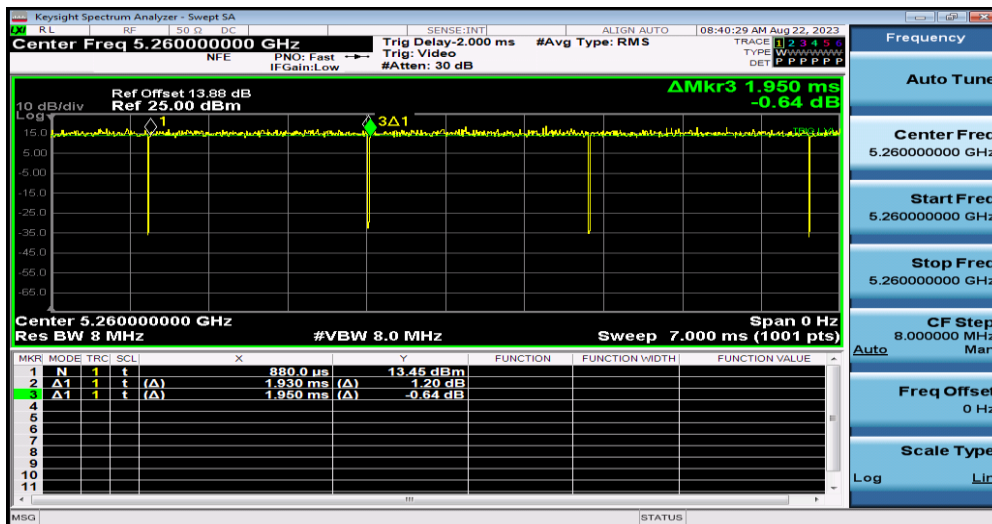
| TestMode   | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|------------|---------|----------------|----------------------------|--------------------------|----------------|
| 11AC20SISO | Ant1    | 5180           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5200           | 1.94                       | 1.96                     | 98.98          |
| 11AC20SISO | Ant1    | 5240           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5260           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5280           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5320           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5500           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5580           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5700           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5745           | 1.93                       | 1.95                     | 98.97          |
| 11AC20SISO | Ant1    | 5785           | 1.93                       | 1.96                     | 98.47          |
| 11AC20SISO | Ant1    | 5825           | 1.93                       | 1.95                     | 98.97          |
| 11AC40SISO | Ant1    | 5190           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5230           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5270           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5310           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5510           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5550           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5670           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5755           | 0.95                       | 0.97                     | 97.94          |
| 11AC40SISO | Ant1    | 5795           | 0.96                       | 0.98                     | 97.96          |
| 11AC80SISO | Ant1    | 5210           | 0.46                       | 0.48                     | 95.83          |
| 11AC80SISO | Ant1    | 5290           | 0.46                       | 0.48                     | 95.83          |
| 11AC80SISO | Ant1    | 5530           | 0.46                       | 0.48                     | 95.83          |
| 11AC80SISO | Ant1    | 5775           | 0.46                       | 0.48                     | 95.83          |

## Test Graphs

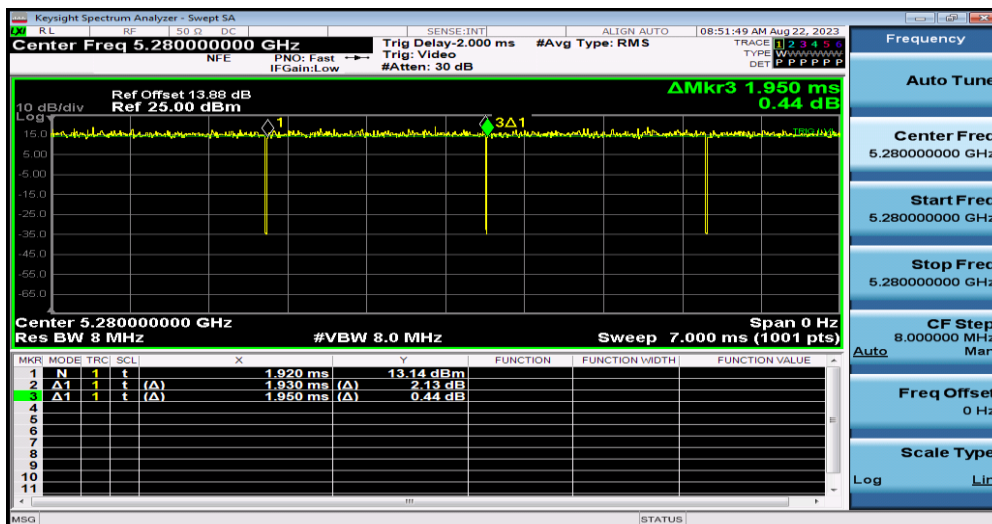




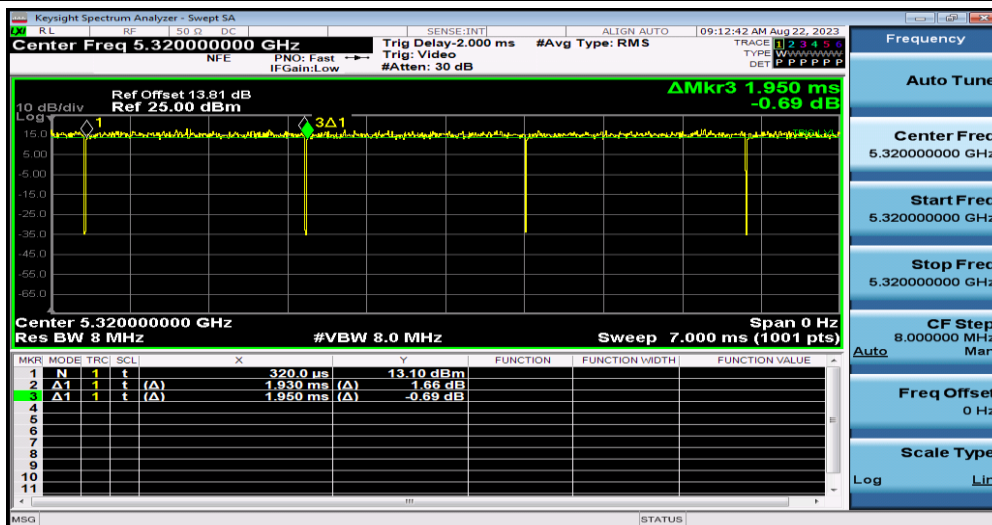
NTNV-11AC20SISO-Ant1-5240



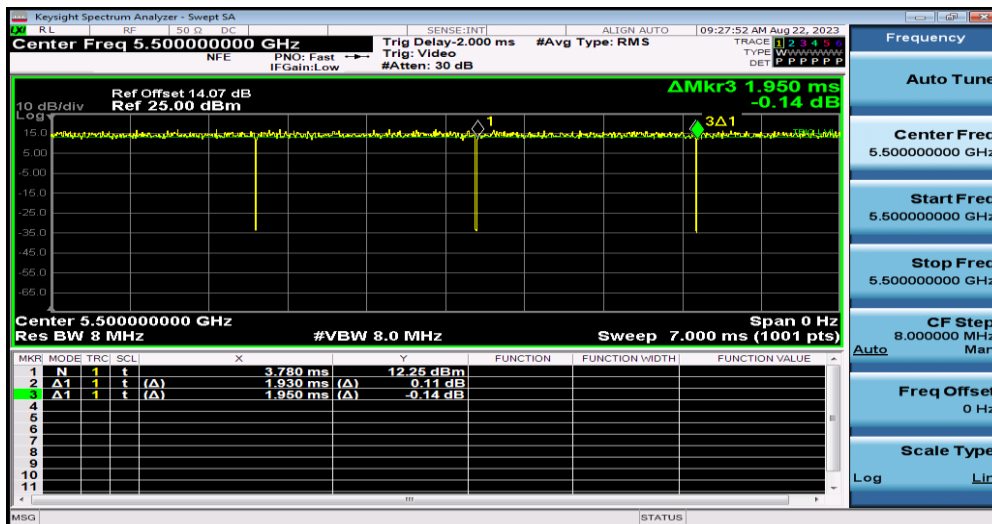
NTNV-11AC20SISO-Ant1-5260



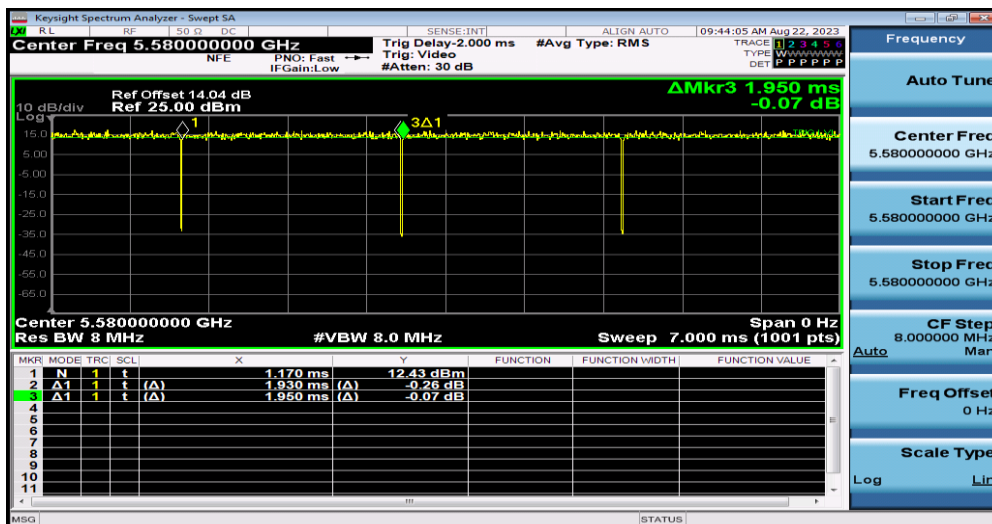
NTNV-11AC20SISO-Ant1-5280



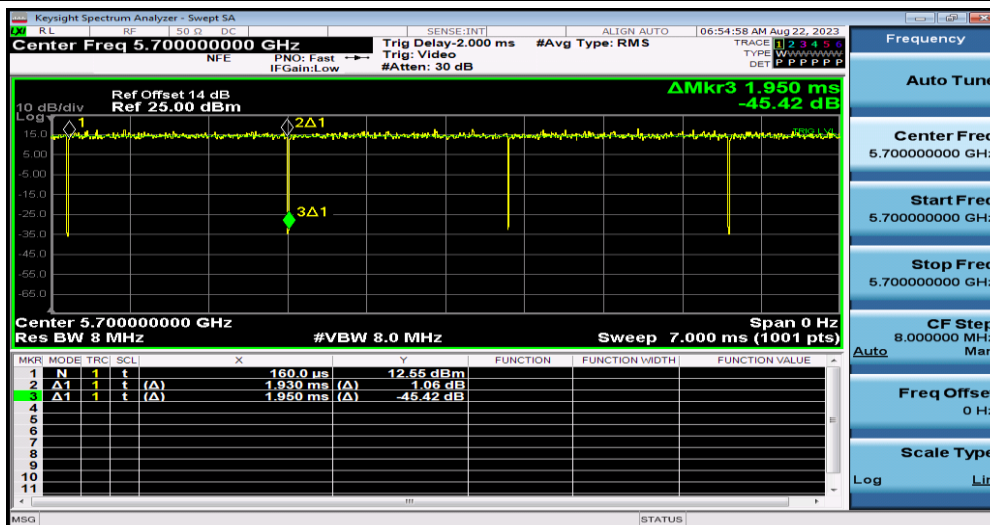
NTNV-11AC20SISO-Ant1-5320



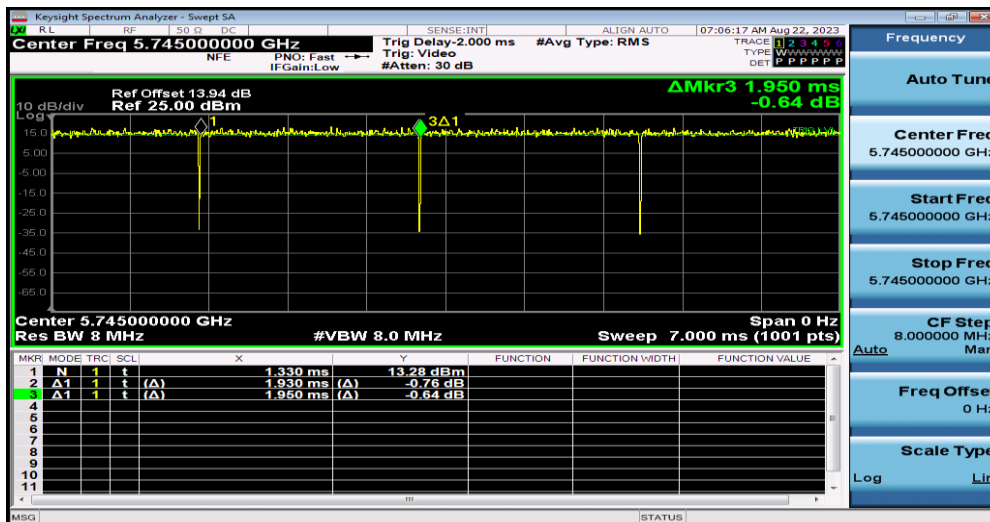
NTNV-11AC20SISO-Ant1-5500



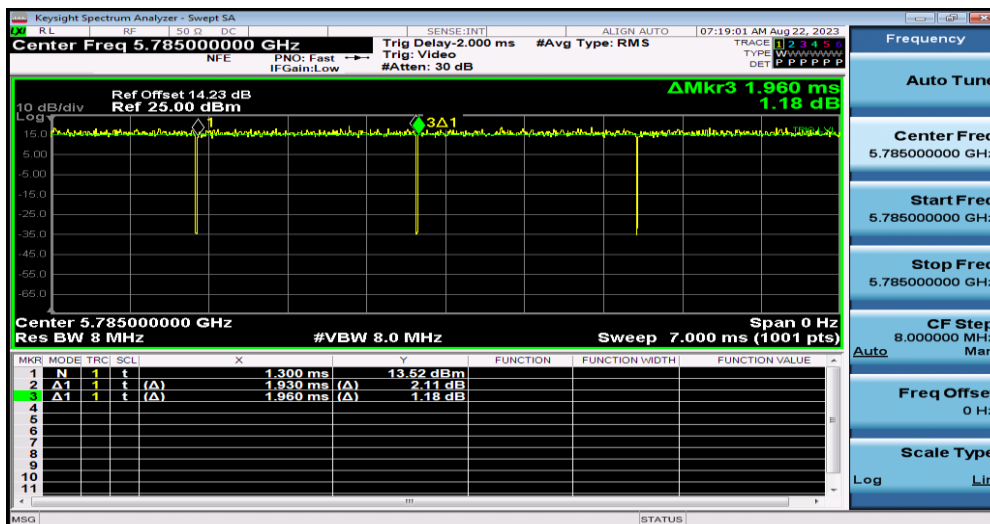
NTNV-11AC20SISO-Ant1-5580



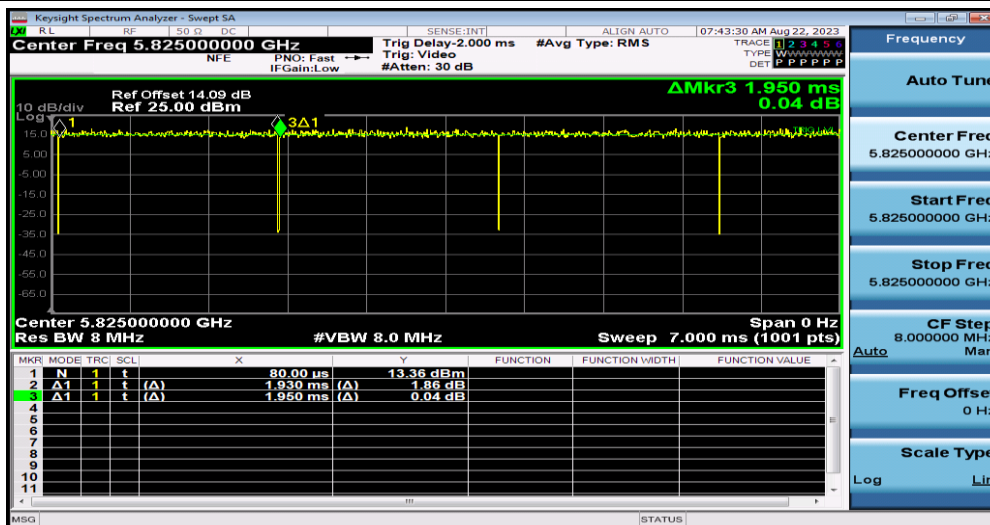
NTNV-11AC20SISO-Ant1-5700



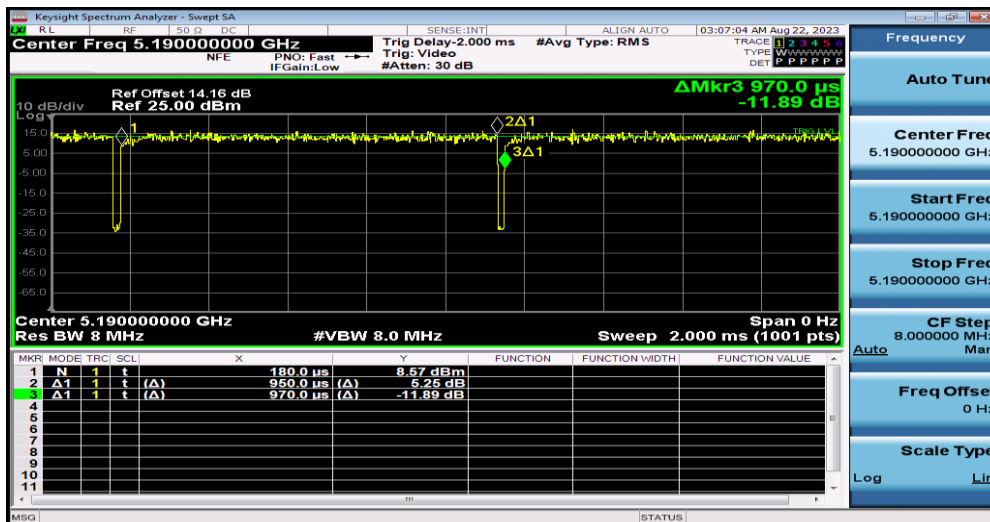
NTNV-11AC20SISO-Ant1-5745



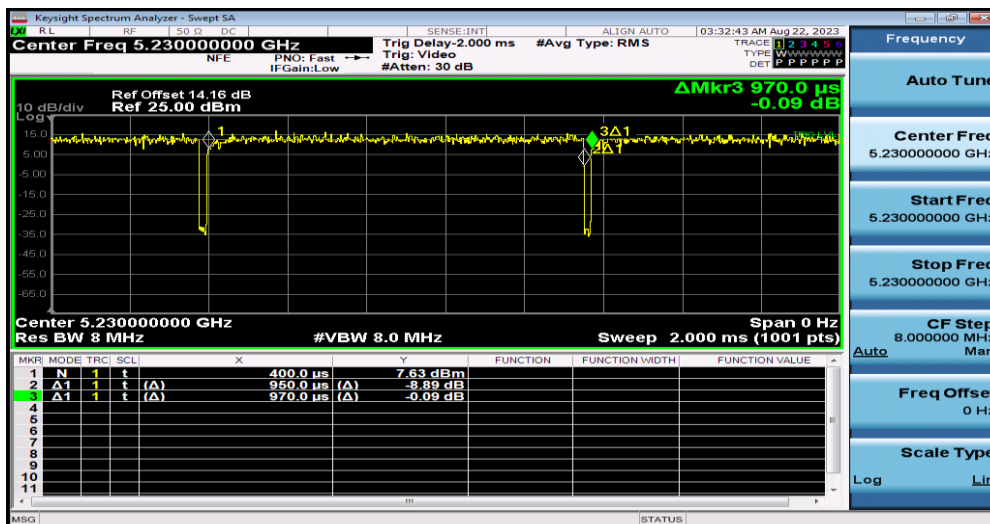
NTNV-11AC20SISO-Ant1-5785



NTNV-11AC20SISO-Ant1-5825



NTNV-11AC40SISO-Ant1-5190



NTNV-11AC40SISO-Ant1-5230