

## Appendix A: Test result for 5GHz&5.8GHz Wi-Fi

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## 1.1 Appendix A1: Emission Bandwidth

### 1.1.1 Test Result

| TestMode   | Antenna | Channel | 26db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|----------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5180    | 18.920         | 5170.280 | 5189.200 | ---        | ---     |
|            |         | 5200    | 23.000         | 5188.400 | 5211.400 | ---        | ---     |
|            |         | 5240    | 24.320         | 5229.560 | 5253.880 | ---        | ---     |
|            |         | 5745    | 18.360         | 5735.800 | 5754.160 | ---        | ---     |
|            |         | 5785    | 18.480         | 5775.760 | 5794.240 | ---        | ---     |
|            |         | 5825    | 19.280         | 5815.520 | 5834.800 | ---        | ---     |
| 11N20MIMO  | Ant1    | 5180    | 19.440         | 5170.280 | 5189.720 | ---        | ---     |
|            |         | 5200    | 19.440         | 5190.320 | 5209.760 | ---        | ---     |
|            |         | 5240    | 19.400         | 5230.360 | 5249.760 | ---        | ---     |
|            |         | 5745    | 19.320         | 5735.360 | 5754.680 | ---        | ---     |
|            |         | 5785    | 19.320         | 5775.400 | 5794.720 | ---        | ---     |
|            |         | 5825    | 19.440         | 5815.320 | 5834.760 | ---        | ---     |
| 11N40MIMO  | Ant1    | 5190    | 41.920         | 5168.960 | 5210.880 | ---        | ---     |
|            |         | 5230    | 41.680         | 5209.200 | 5250.880 | ---        | ---     |
|            |         | 5755    | 50.720         | 5731.560 | 5782.280 | ---        | ---     |
|            |         | 5795    | 42.880         | 5773.880 | 5816.760 | ---        | ---     |
| 11AC20MIMO | Ant1    | 5180    | 19.520         | 5170.280 | 5189.800 | ---        | ---     |
|            |         | 5200    | 19.480         | 5190.320 | 5209.800 | ---        | ---     |
|            |         | 5240    | 19.400         | 5230.320 | 5249.720 | ---        | ---     |
|            |         | 5745    | 19.680         | 5735.200 | 5754.880 | ---        | ---     |
|            |         | 5785    | 19.640         | 5775.200 | 5794.840 | ---        | ---     |
|            |         | 5825    | 19.960         | 5815.360 | 5835.320 | ---        | ---     |
| 11AC40MIMO | Ant1    | 5190    | 41.120         | 5169.200 | 5210.320 | ---        | ---     |
|            |         | 5230    | 40.240         | 5210.000 | 5250.240 | ---        | ---     |
|            |         | 5755    | 41.280         | 5734.360 | 5775.640 | ---        | ---     |
|            |         | 5795    | 41.520         | 5774.200 | 5815.720 | ---        | ---     |
| 11AC80MIMO | Ant1    | 5210    | 81.440         | 5169.200 | 5250.640 | ---        | ---     |
|            |         | 5775    | 82.720         | 5733.720 | 5816.440 | ---        | ---     |

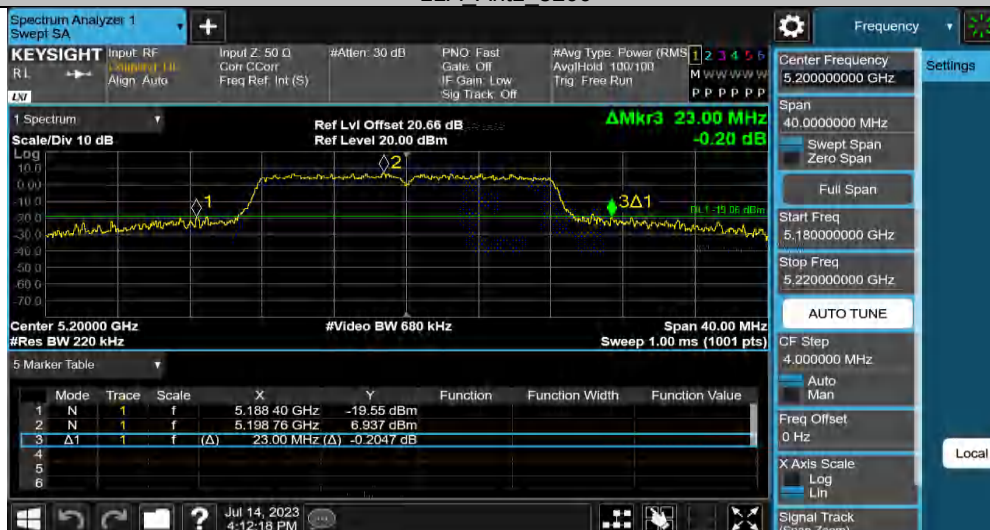
Note: Test were performed on ANT1 and ANT2 Ports, the worst case was recorded.

## 1.1.2 Test Graphs

11A Ant1 5180



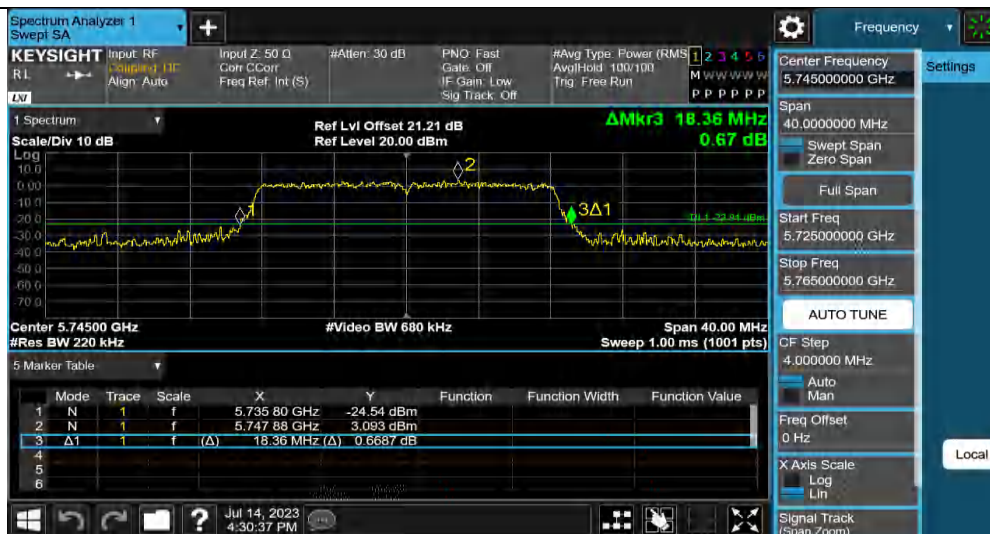
11A Ant1 5200



11A Ant1 5240



11A Ant1 5745



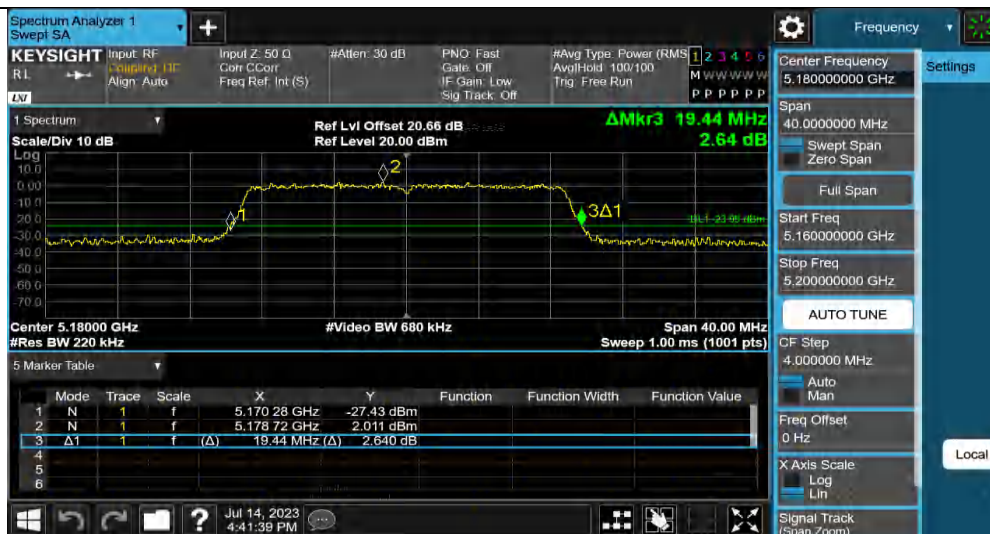
11A Ant1 5785



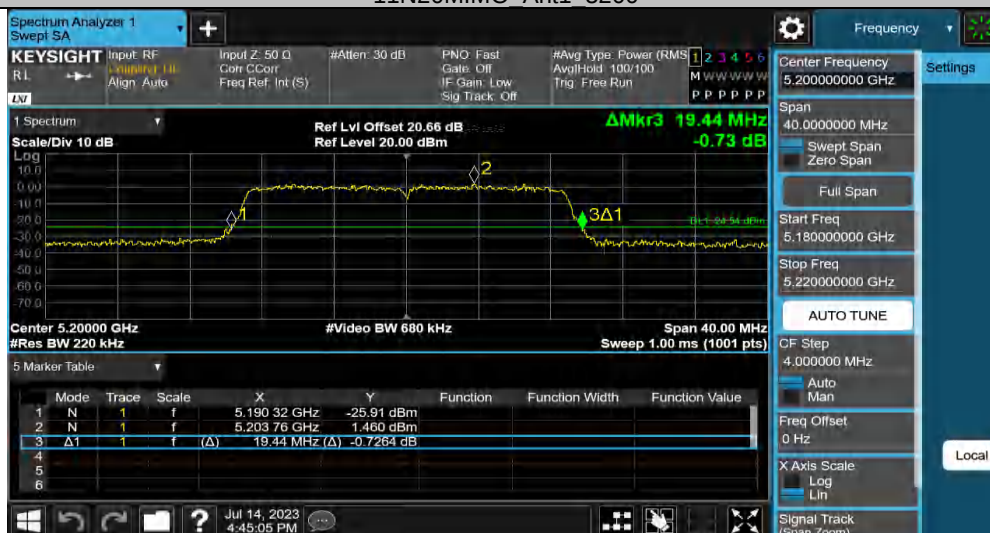
11A Ant1 5825



11N20MIMO Ant1 5180



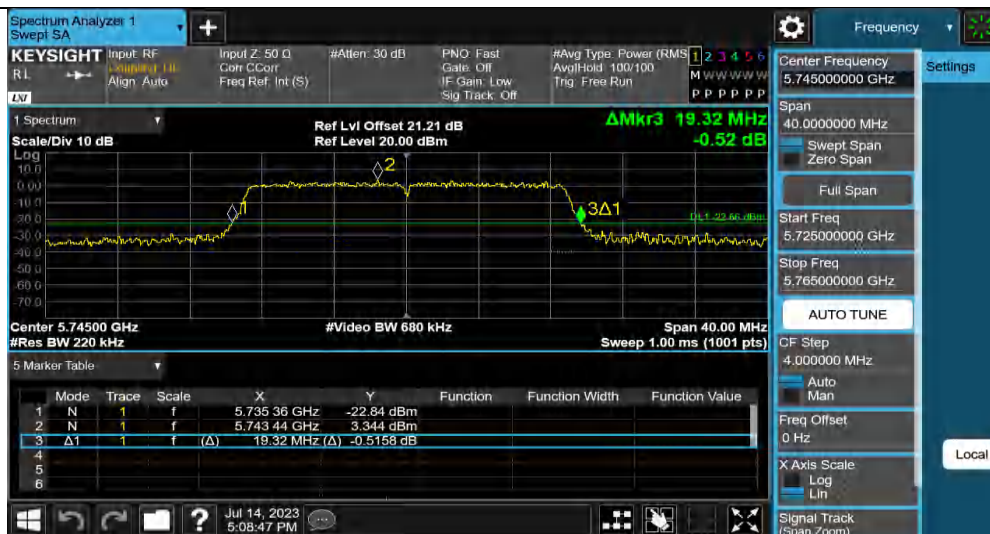
11N20MIMO Ant1 5200



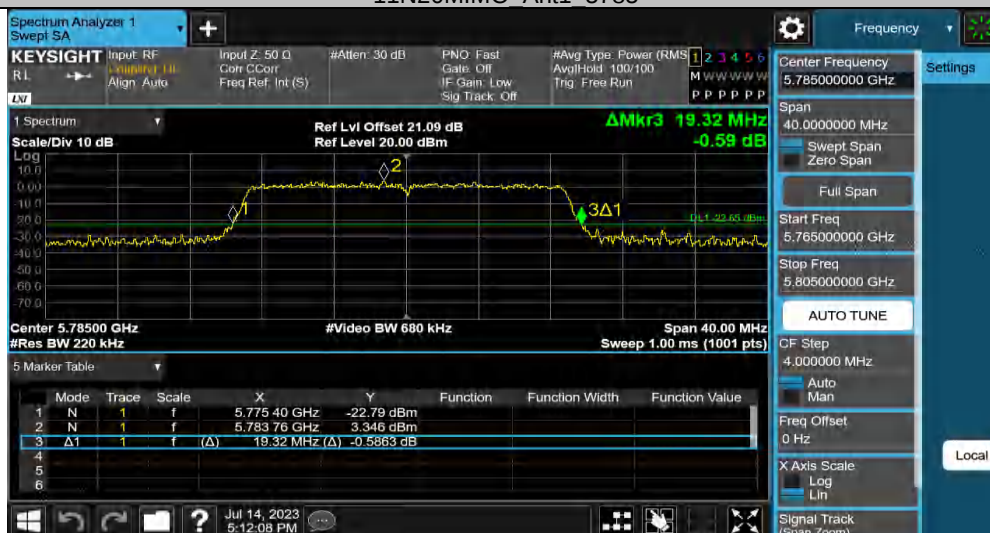
11N20MIMO Ant1 5240



11N20MIMO Ant1 5745



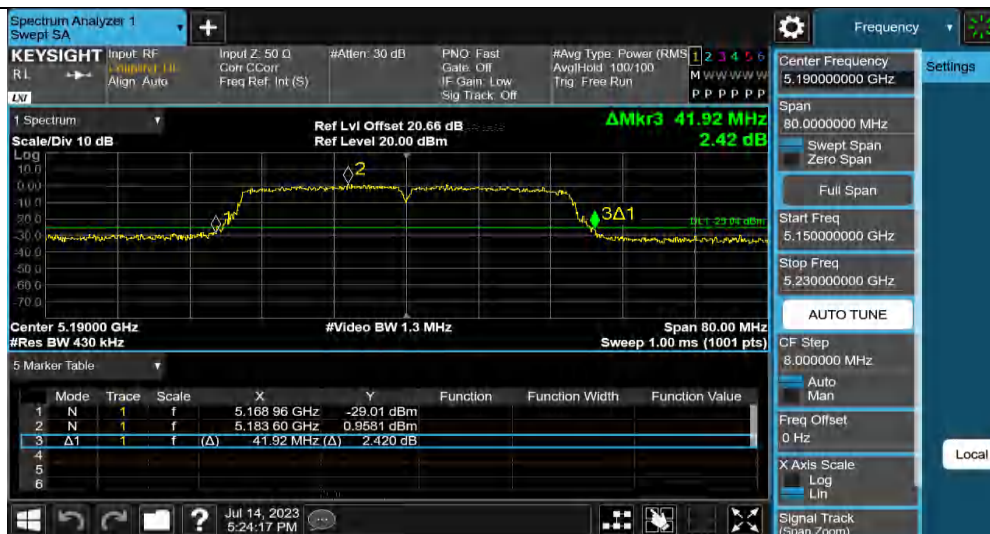
11N20MIMO Ant1 5785



11N20MIMO Ant1 5825



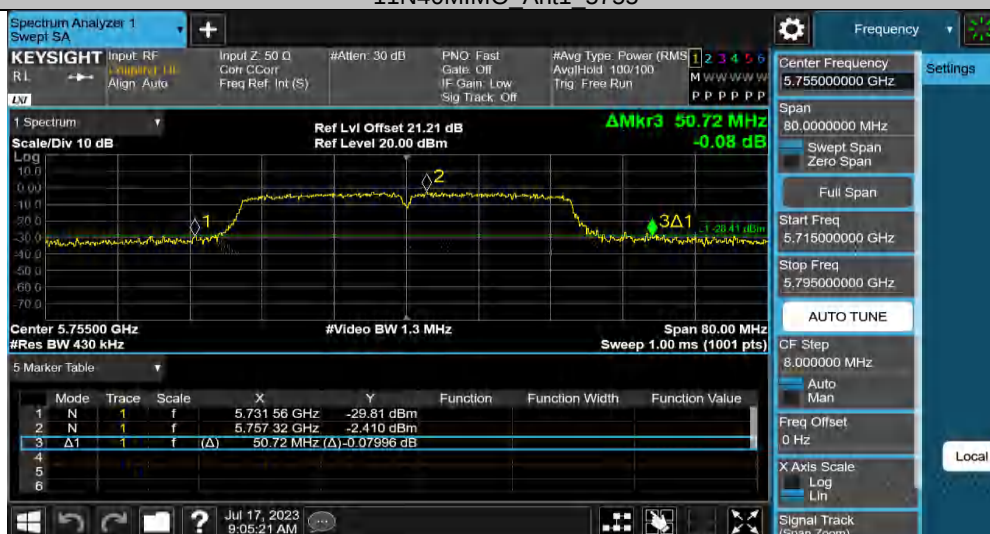
11N40MIMO Ant1 5190



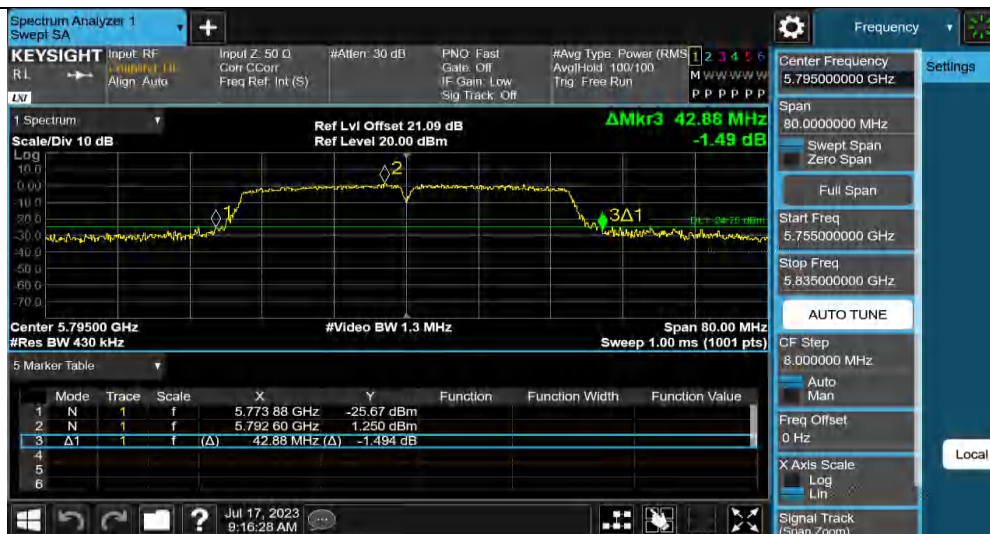
11N40MIMO Ant1 5230



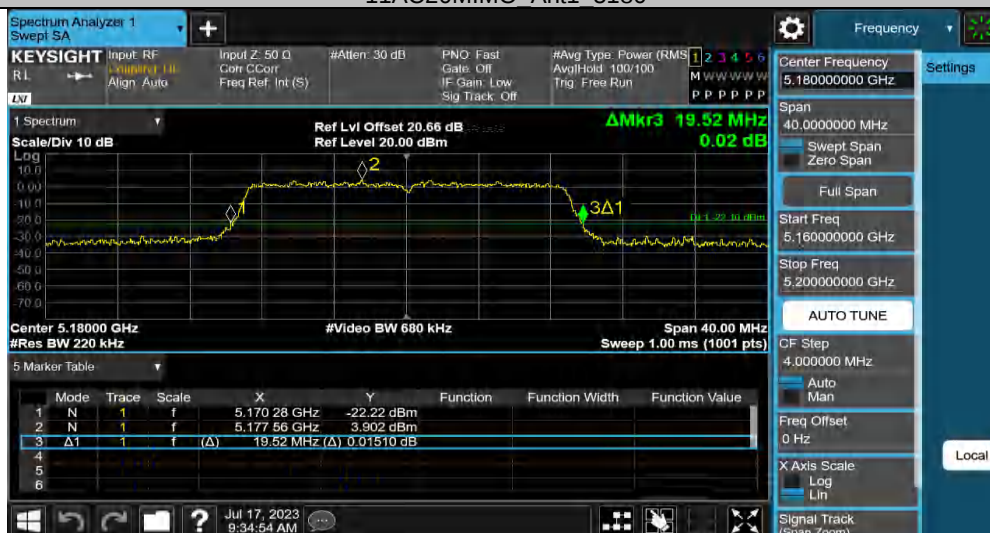
11N40MIMO Ant1 5755



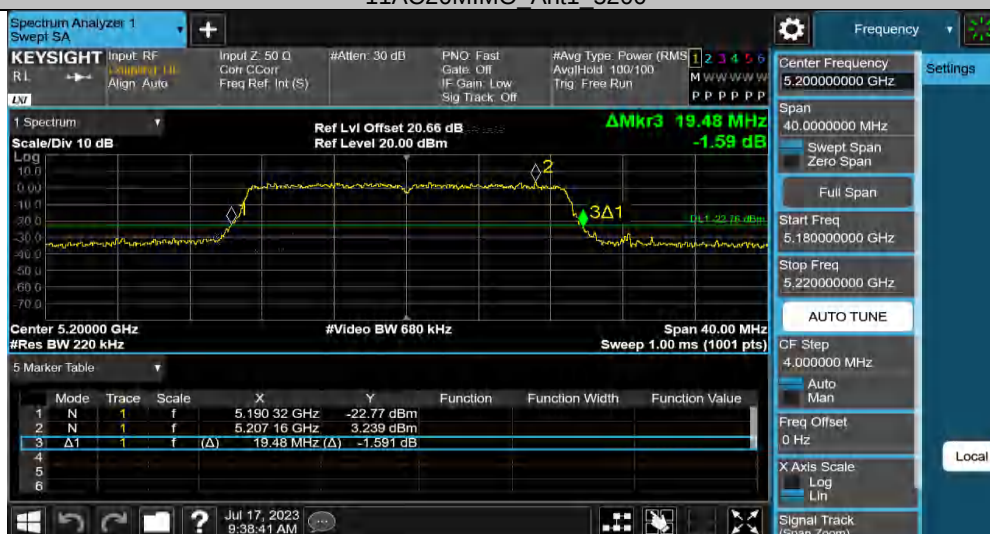
11N40MIMO Ant1 5795



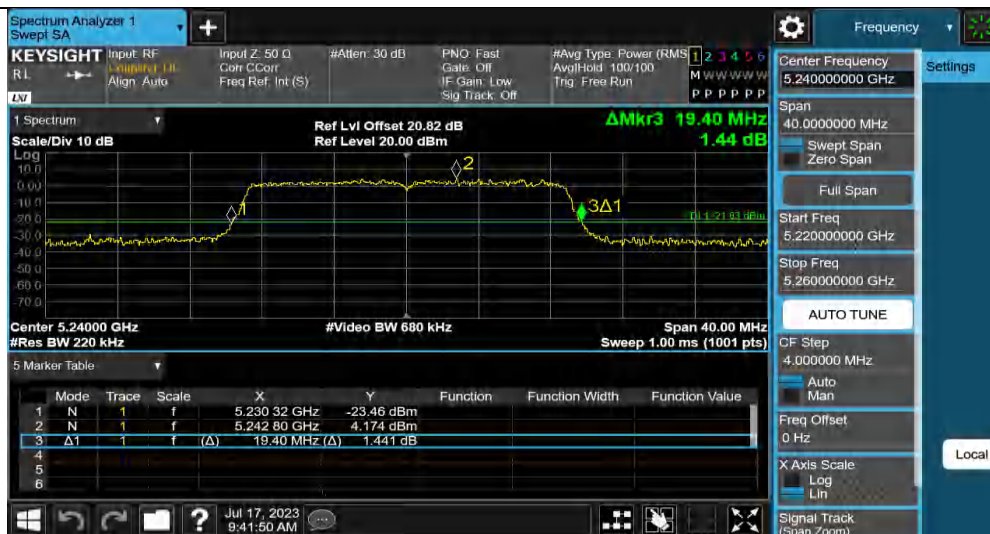
11AC20MIMO Ant1 5180



11AC20MIMO Ant1 5200



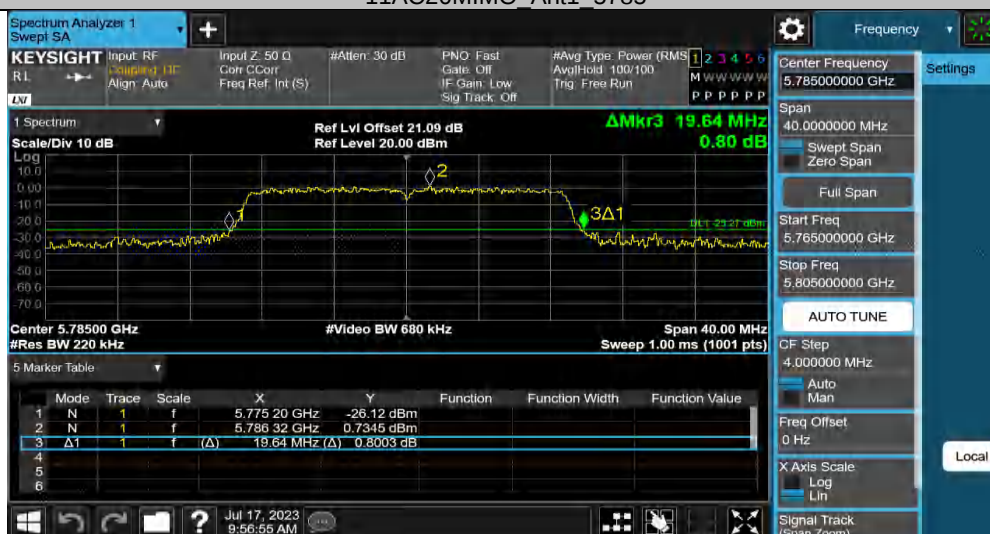
11AC20MIMO Ant1 5240



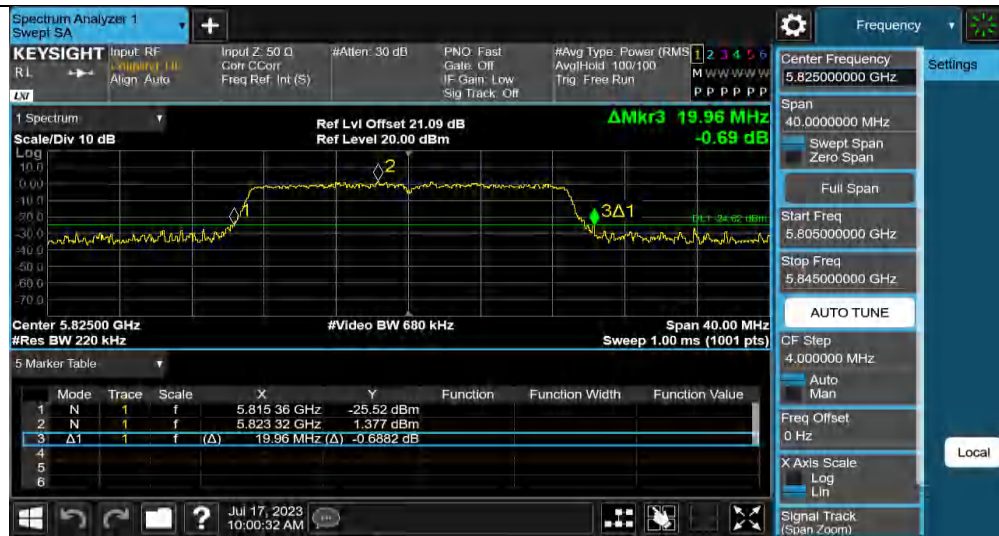
11AC20MIMO Ant1 5745



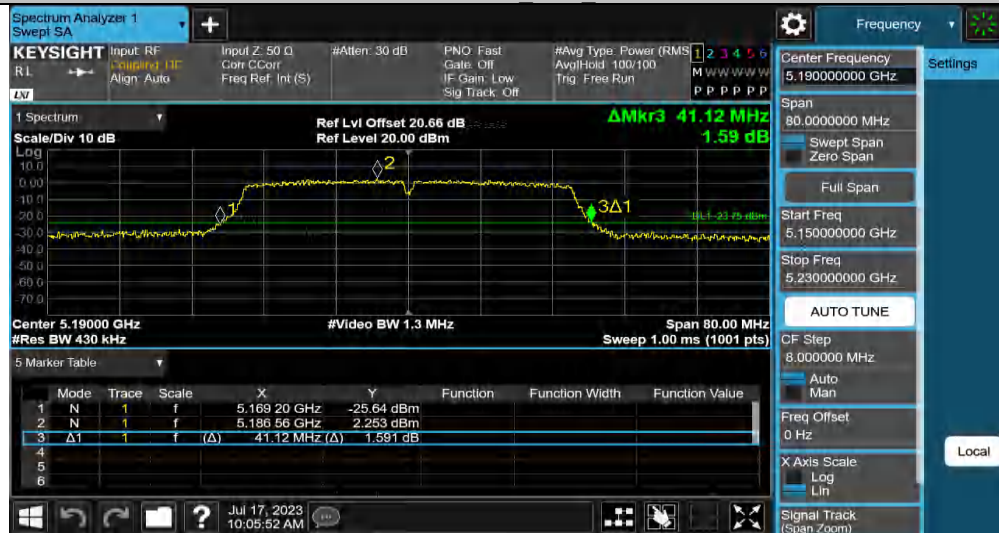
11AC20MIMO Ant1 5785



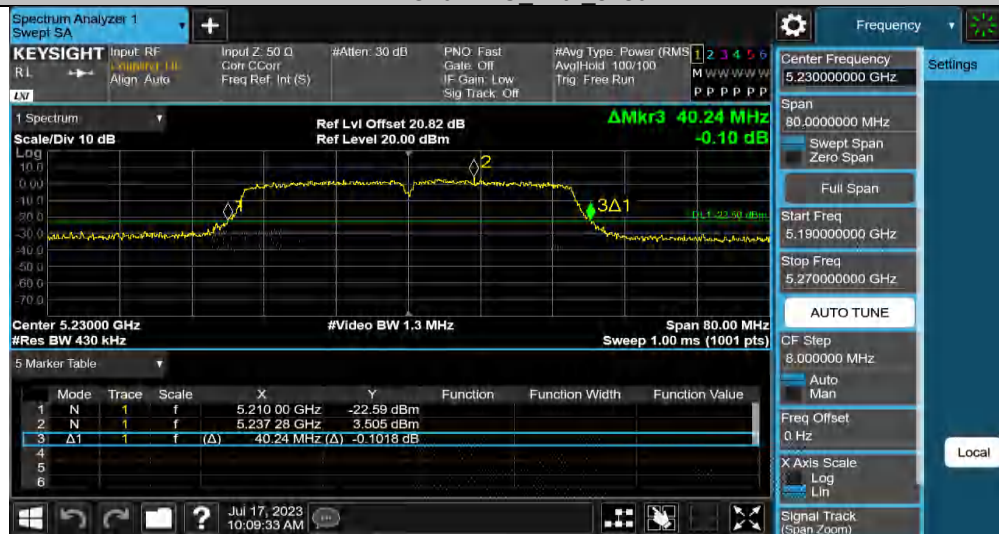
11AC20MIMO Ant1 5825



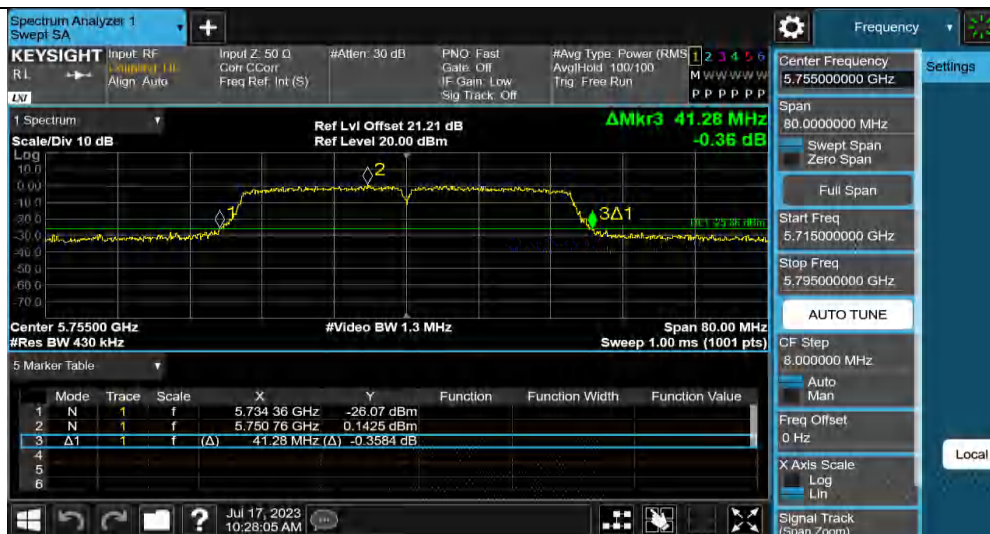
11AC40MIMO Ant1 5190



11AC40MIMO Ant1 5230



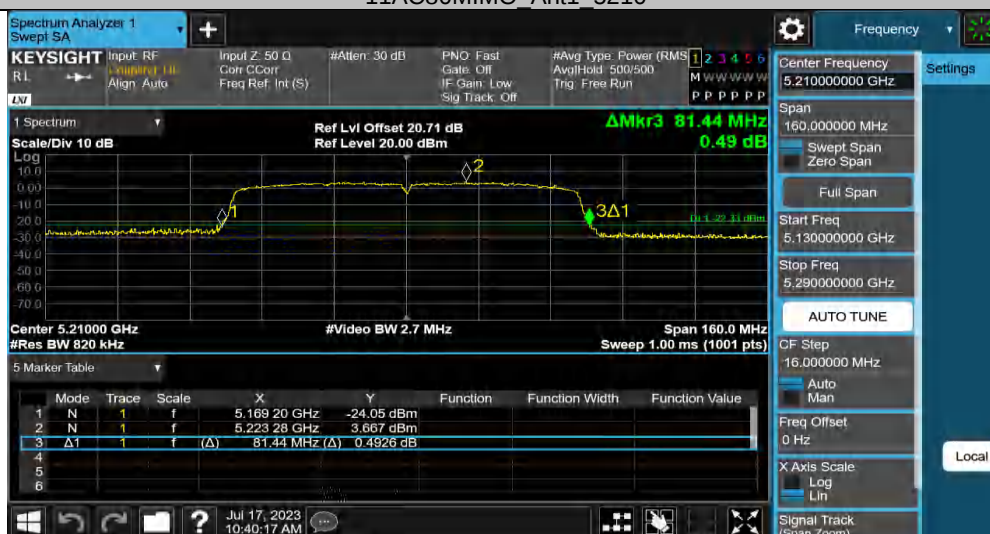
11AC40MIMO Ant1 5755



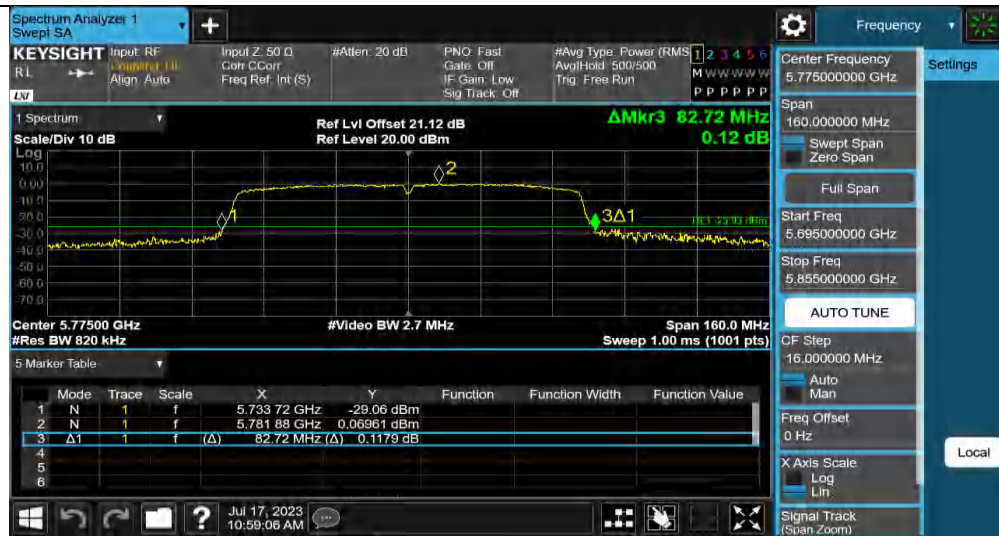
11AC40MIMO Ant1 5795



11AC80MIMO Ant1 5210



11AC80MIMO Ant1 5775



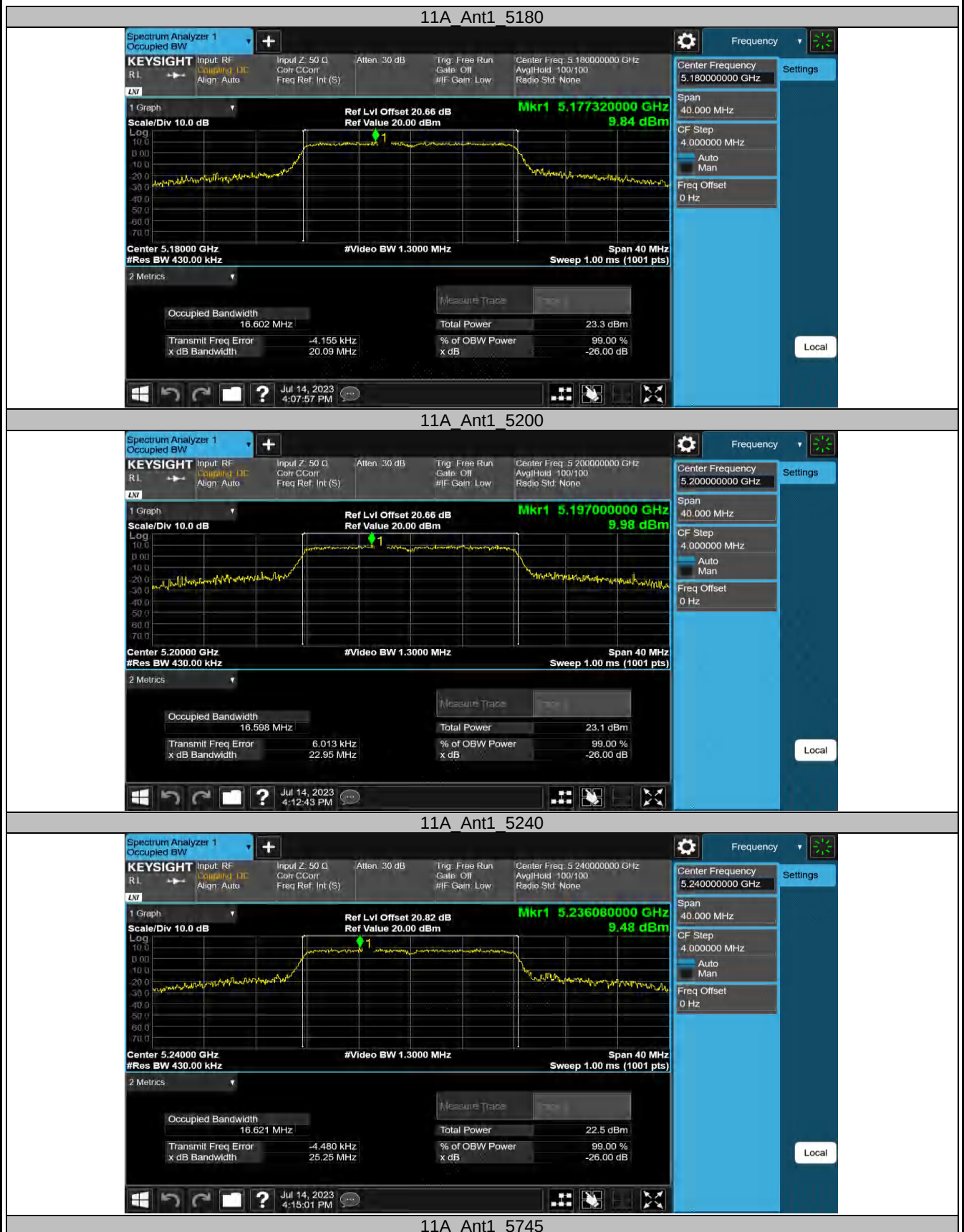
## 1.2 Appendix A2: Occupied channel bandwidth

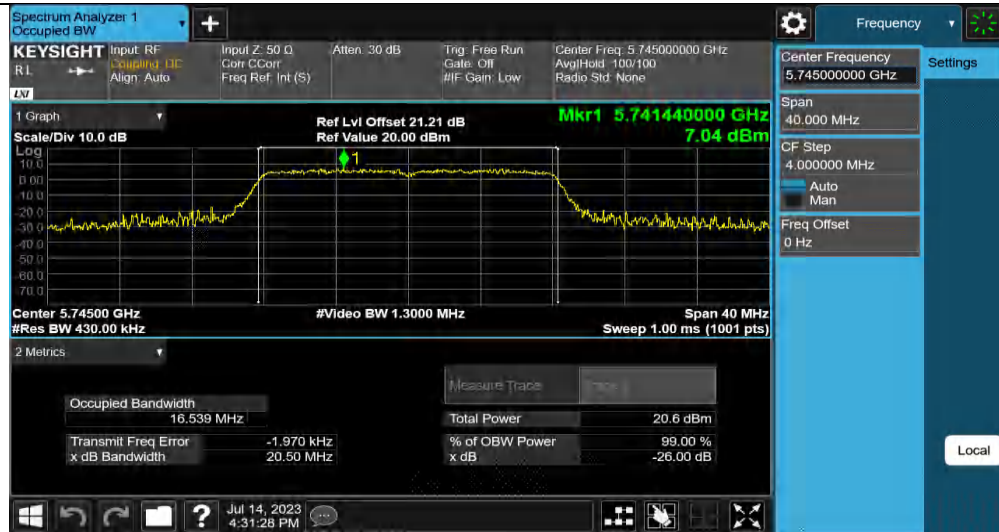
### 1.2.1 Test Result

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11A        | Ant1    | 5180    | 16.602    | 5171.6949 | 5188.2969 | ---        | ---     |
|            |         | 5200    | 16.598    | 5191.7070 | 5208.3050 | ---        | ---     |
|            |         | 5240    | 16.621    | 5231.6850 | 5248.3060 | ---        | ---     |
|            |         | 5745    | 16.539    | 5736.7285 | 5753.2675 | ---        | ---     |
|            |         | 5785    | 16.568    | 5776.7104 | 5793.2784 | ---        | ---     |
|            |         | 5825    | 16.652    | 5816.6932 | 5833.3452 | ---        | ---     |
| 11N20MIMO  | Ant1    | 5180    | 17.641    | 5171.1801 | 5188.8211 | ---        | ---     |
|            |         | 5200    | 17.658    | 5191.1775 | 5208.8355 | ---        | ---     |
|            |         | 5240    | 17.641    | 5231.1968 | 5248.8378 | ---        | ---     |
|            |         | 5745    | 17.650    | 5736.1972 | 5753.8472 | ---        | ---     |
|            |         | 5785    | 17.667    | 5776.1704 | 5793.8374 | ---        | ---     |
|            |         | 5825    | 17.703    | 5816.1769 | 5833.8799 | ---        | ---     |
| 11N40MIMO  | Ant1    | 5190    | 36.375    | 5171.7156 | 5208.0906 | ---        | ---     |
|            |         | 5230    | 36.272    | 5211.8534 | 5248.1254 | ---        | ---     |
|            |         | 5755    | 36.450    | 5736.8417 | 5773.2917 | ---        | ---     |
|            |         | 5795    | 36.400    | 5776.8954 | 5813.2954 | ---        | ---     |
| 11AC20MIMO | Ant1    | 5180    | 17.685    | 5171.1906 | 5188.8756 | ---        | ---     |
|            |         | 5200    | 17.656    | 5191.2177 | 5208.8737 | ---        | ---     |
|            |         | 5240    | 17.642    | 5231.2299 | 5248.8719 | ---        | ---     |
|            |         | 5745    | 17.670    | 5736.1869 | 5753.8569 | ---        | ---     |
|            |         | 5785    | 17.668    | 5776.2003 | 5793.8683 | ---        | ---     |
|            |         | 5825    | 17.700    | 5816.1790 | 5833.8790 | ---        | ---     |
| 11AC40MIMO | Ant1    | 5190    | 36.328    | 5171.7902 | 5208.1182 | ---        | ---     |
|            |         | 5230    | 36.170    | 5211.9795 | 5248.1495 | ---        | ---     |
|            |         | 5755    | 36.456    | 5736.8352 | 5773.2912 | ---        | ---     |
|            |         | 5795    | 36.296    | 5776.9207 | 5813.2167 | ---        | ---     |
| 11AC80MIMO | Ant1    | 5210    | 74.904    | 5172.4885 | 5247.3925 | ---        | ---     |
|            |         | 5775    | 75.218    | 5737.5094 | 5812.7274 | ---        | ---     |

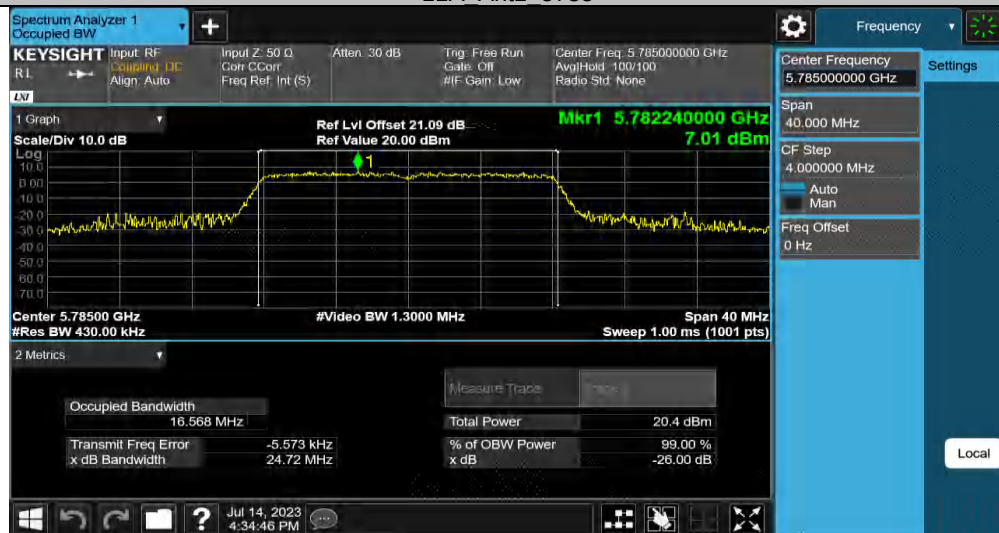
Note: Test were performed on ANT1 and ANT2 Ports, the worst case was recorded.

## 1.2.2 Test Graphs





11A Ant1 5785



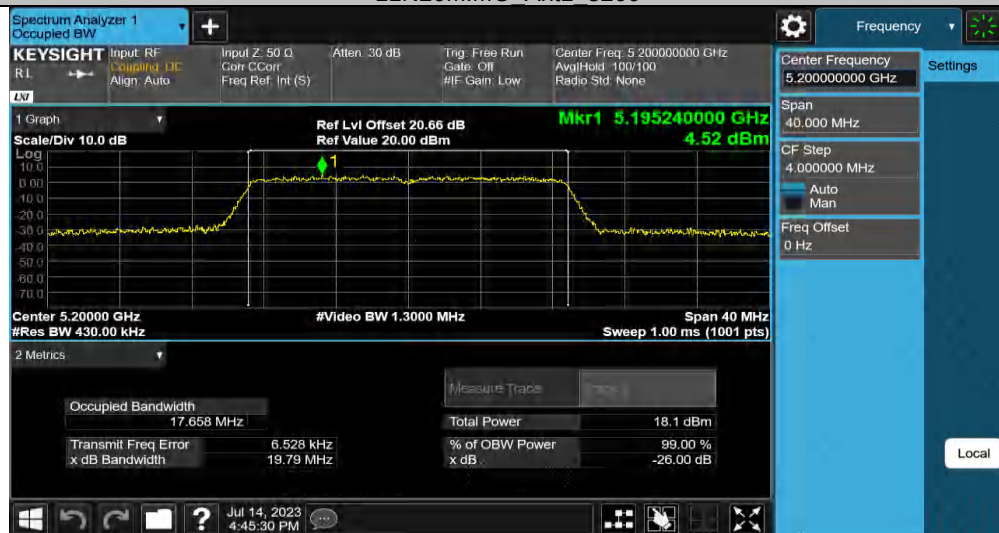
11A Ant1 5825



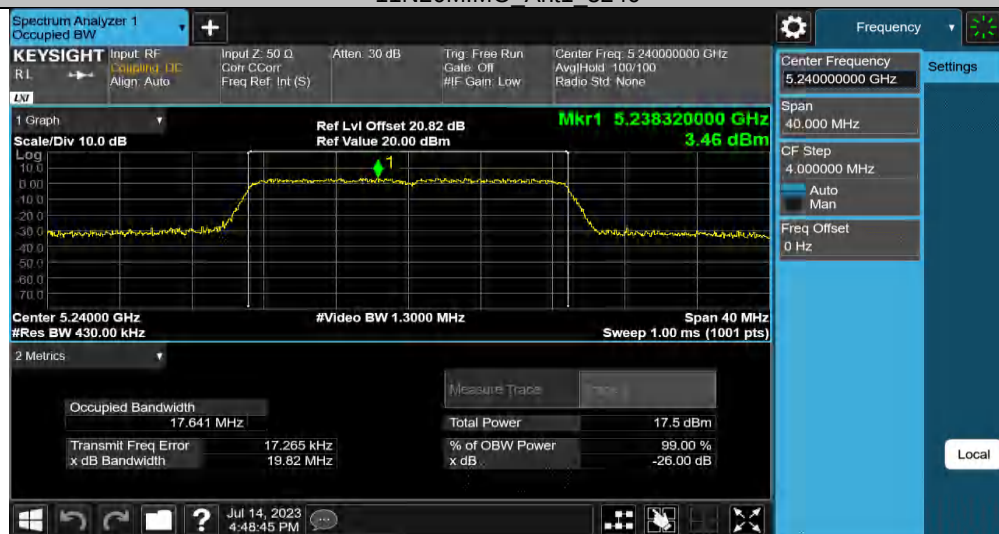
11N20MIMO Ant1 5180



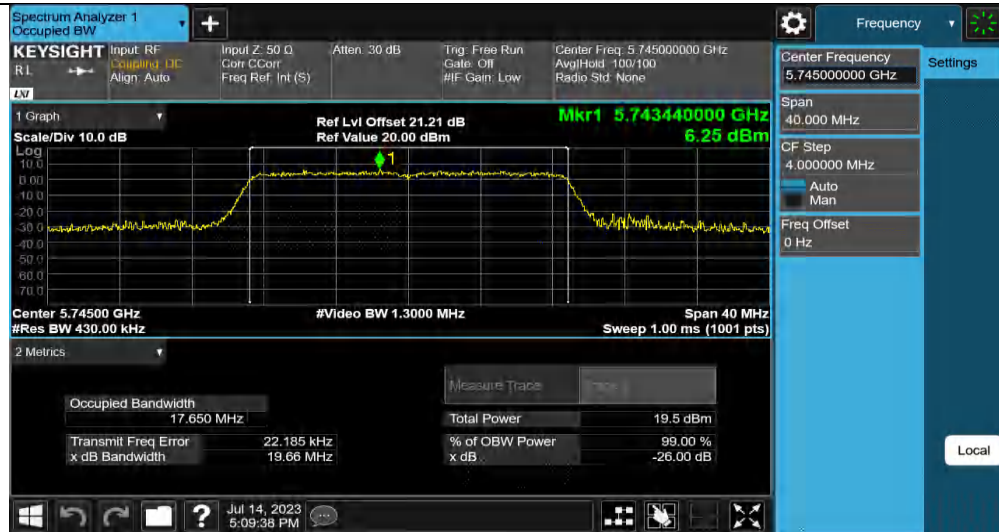
11N20MIMO Ant1 5200



11N20MIMO Ant1 5240



11N20MIMO Ant1 5745



11N20MIMO Ant1 5785



11N20MIMO Ant1 5825



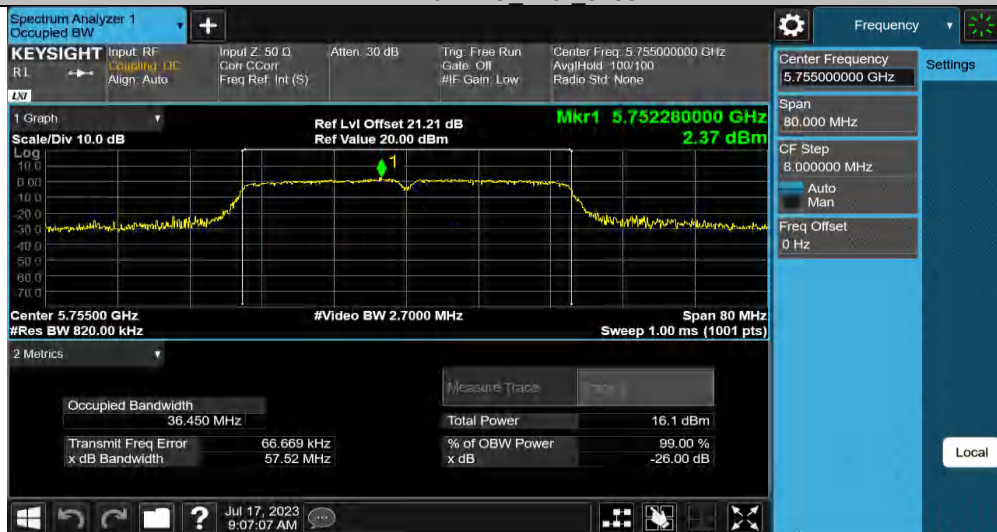
11N40MIMO Ant1 5190



11N40MIMO Ant1 5230



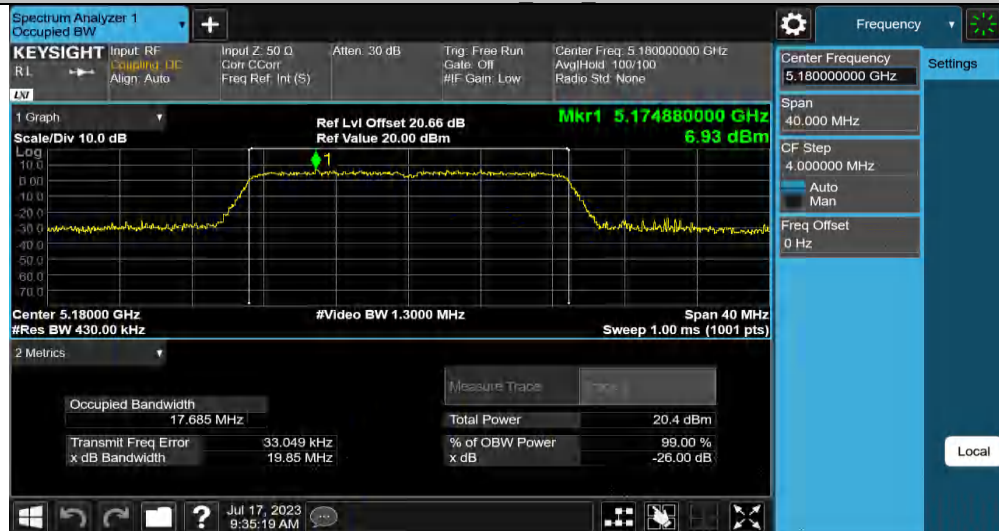
11N40MIMO Ant1 5755



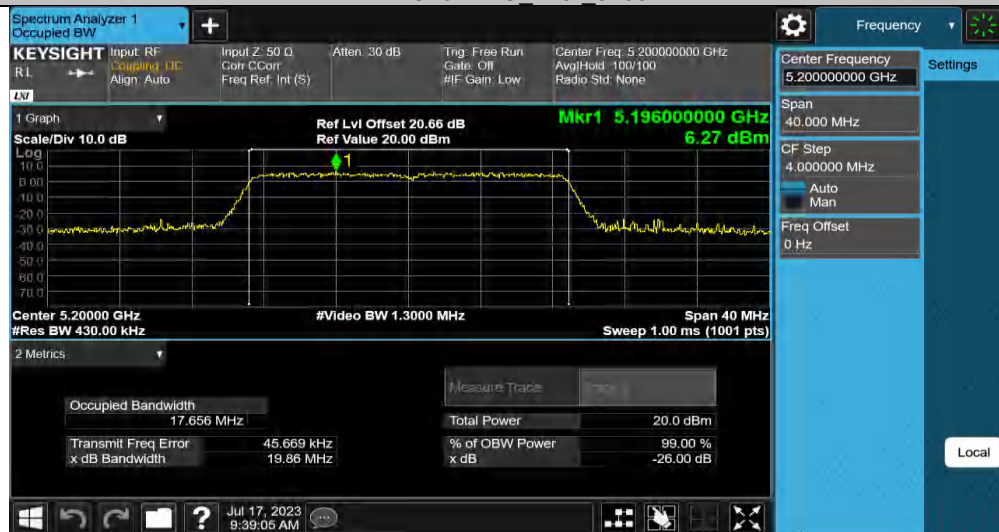
11N40MIMO Ant1 5795



11AC20MIMO Ant1 5180



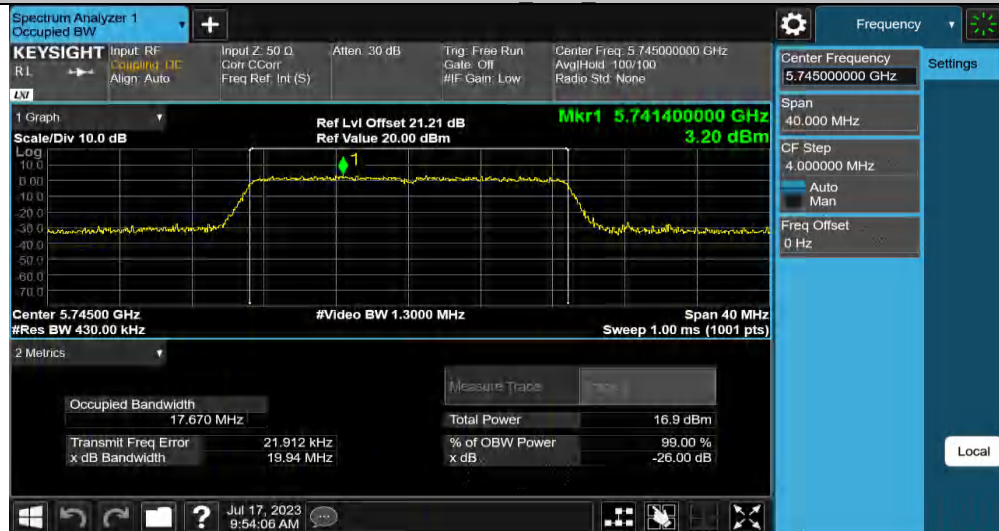
11AC20MIMO Ant1 5200



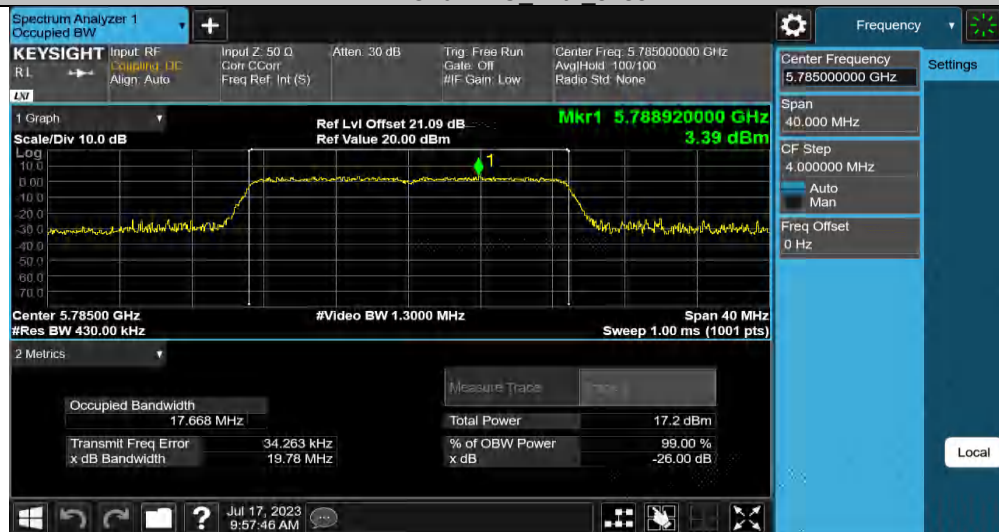
11AC20MIMO Ant1 5240



11AC20MIMO Ant1 5745



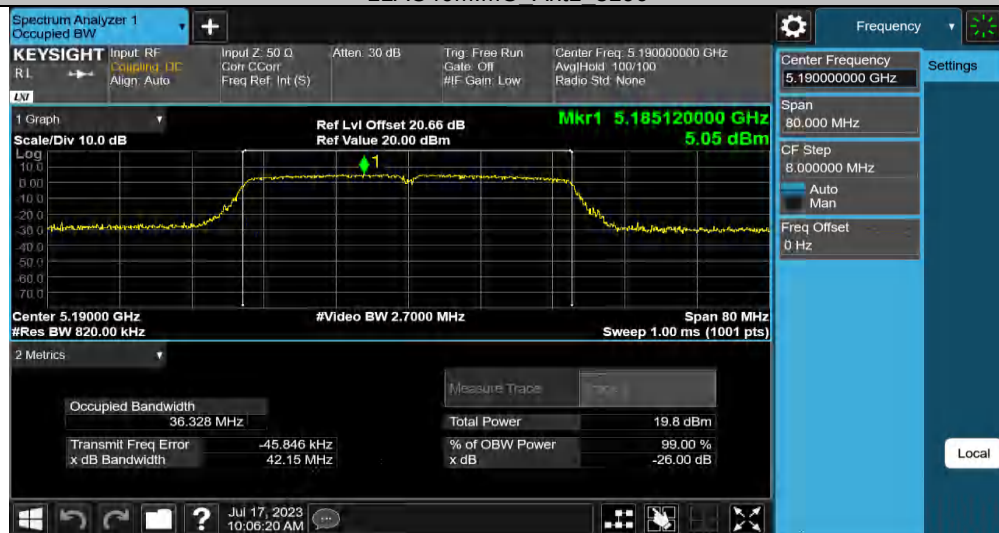
11AC20MIMO Ant1 5785



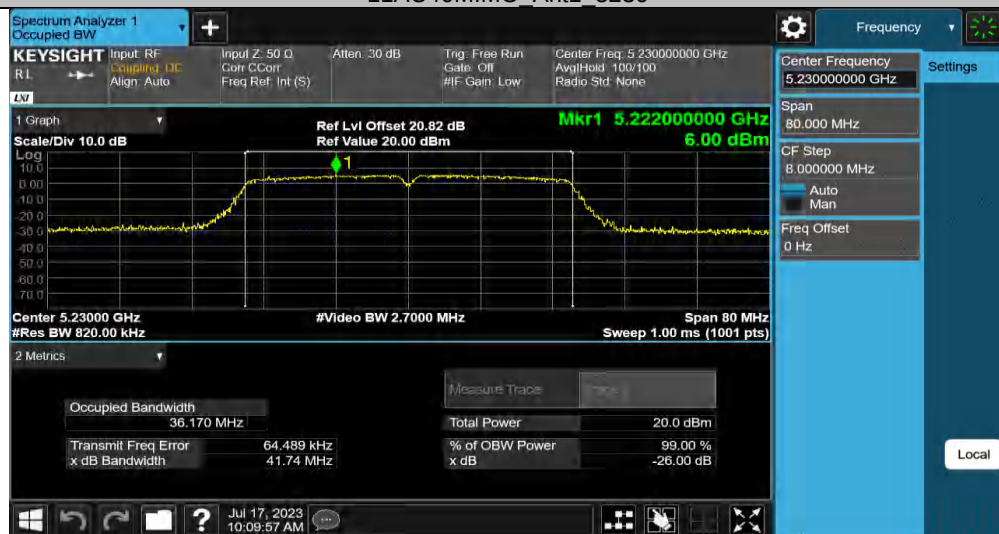
11AC20MIMO Ant1 5825



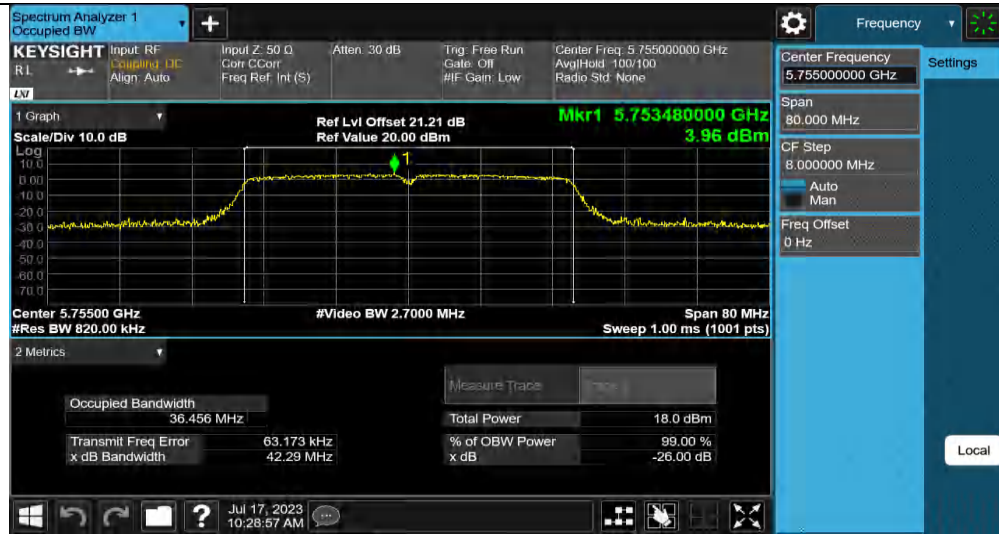
11AC40MIMO Ant1 5190



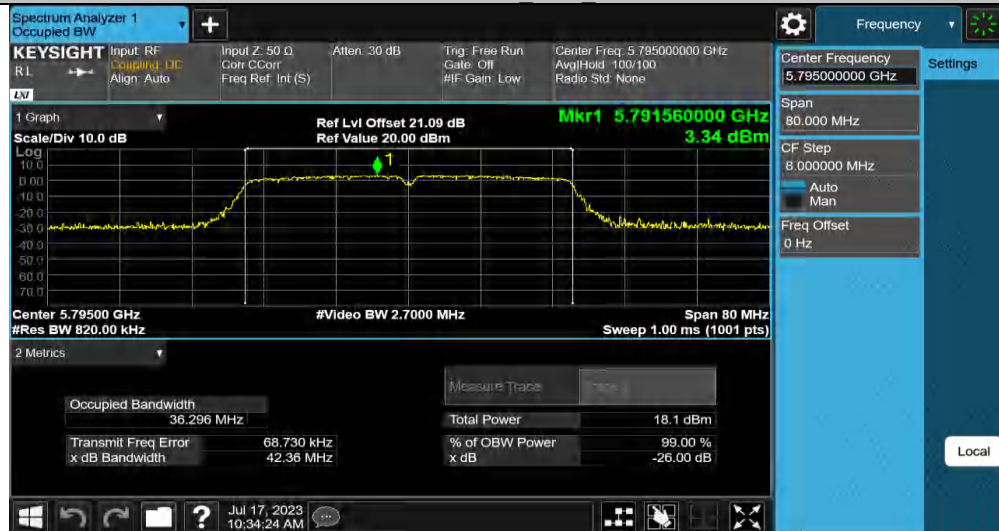
11AC40MIMO Ant1 5230



11AC40MIMO Ant1 5755



11AC40MIMO Ant1 5795



11AC80MIMO Ant1 5210



11AC80MIMO Ant1 5775



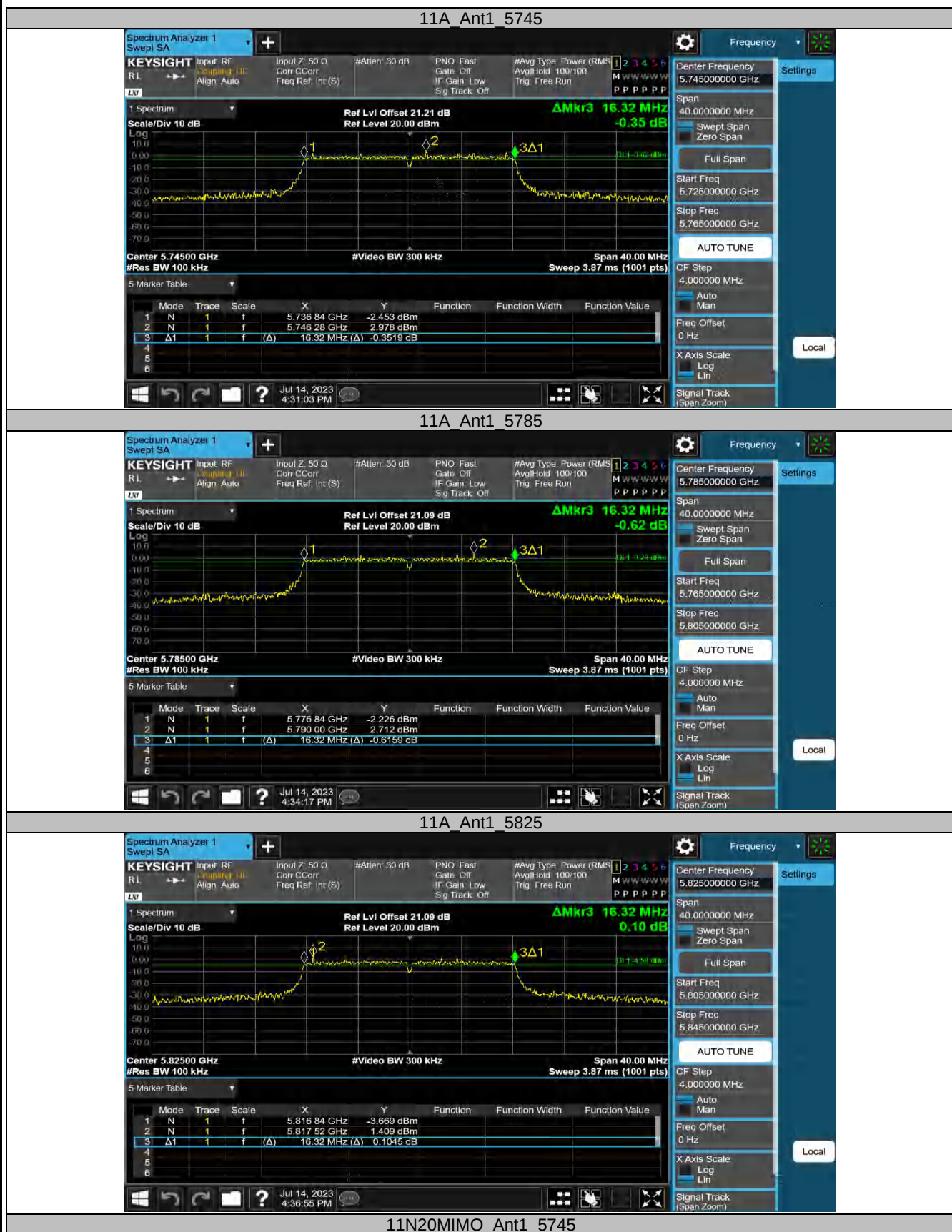
## 1.3 Appendix A3: Min emission bandwidth

### 1.3.1 Test Result

| TestMode   | Antenna | Channel | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|----------|----------|------------|---------|
| 11A        | Ant1    | 5745    | 16.320        | 5736.840 | 5753.160 | 0.5        | PASS    |
|            |         | 5785    | 16.320        | 5776.840 | 5793.160 | 0.5        | PASS    |
|            |         | 5825    | 16.320        | 5816.840 | 5833.160 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5745    | 17.560        | 5736.240 | 5753.800 | 0.5        | PASS    |
|            |         | 5785    | 17.560        | 5776.240 | 5793.800 | 0.5        | PASS    |
|            |         | 5825    | 17.560        | 5816.240 | 5833.800 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5755    | 35.120        | 5737.480 | 5772.600 | 0.5        | PASS    |
|            |         | 5795    | 35.040        | 5777.480 | 5812.520 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5745    | 17.560        | 5736.240 | 5753.800 | 0.5        | PASS    |
|            |         | 5785    | 17.520        | 5776.280 | 5793.800 | 0.5        | PASS    |
|            |         | 5825    | 16.920        | 5816.480 | 5833.400 | 0.5        | PASS    |
| 11AC40MIMO | Ant1    | 5755    | 35.120        | 5737.400 | 5772.520 | 0.5        | PASS    |
|            |         | 5795    | 35.120        | 5777.480 | 5812.600 | 0.5        | PASS    |
| 11AC80MIMO | Ant1    | 5775    | 75.200        | 5737.400 | 5812.600 | 0.5        | PASS    |

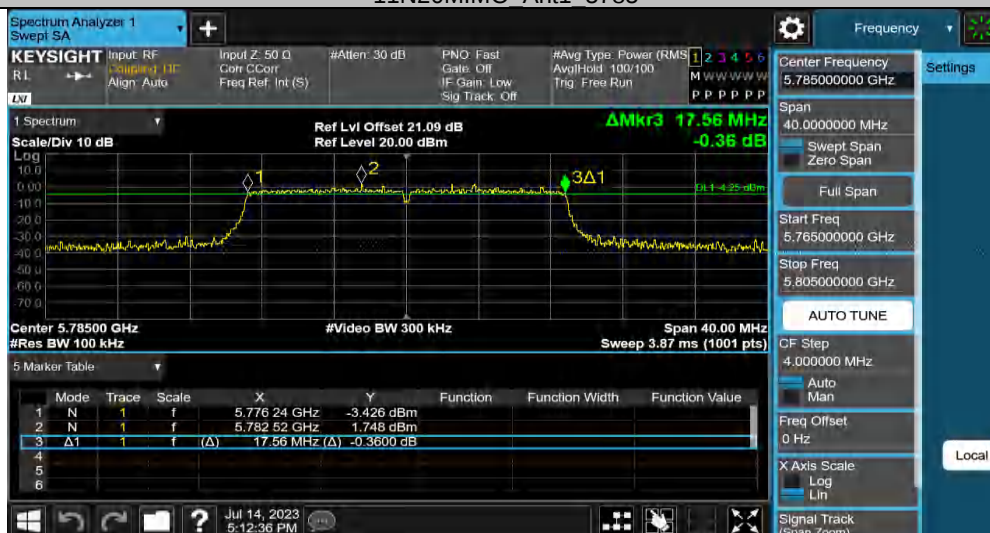
Note: Test were performed on ANT1 and ANT2 Ports, the worst case was recorded.

## 1.3.2 Test Graphs





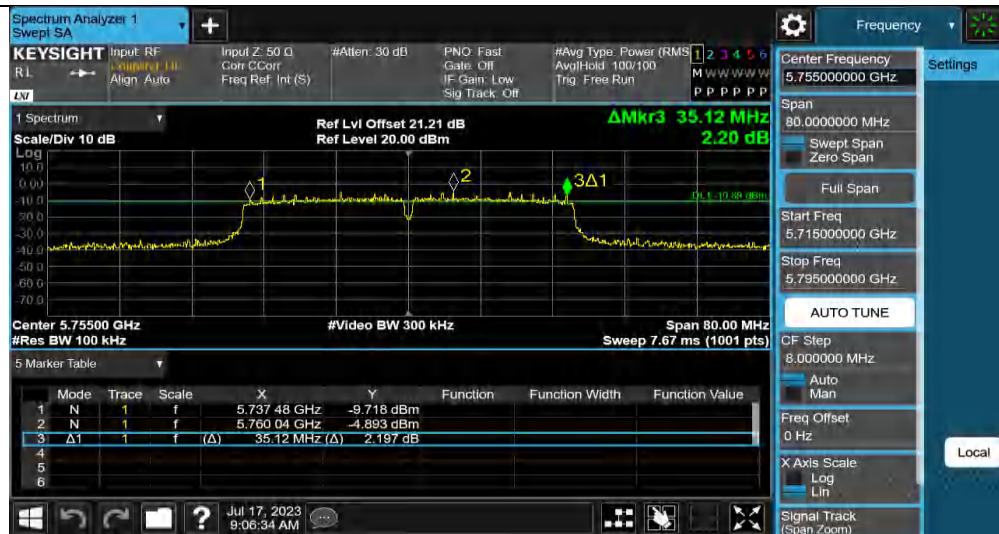
11N20MIMO Ant1 5785



11N20MIMO Ant1 5825



11N40MIMO Ant1 5755



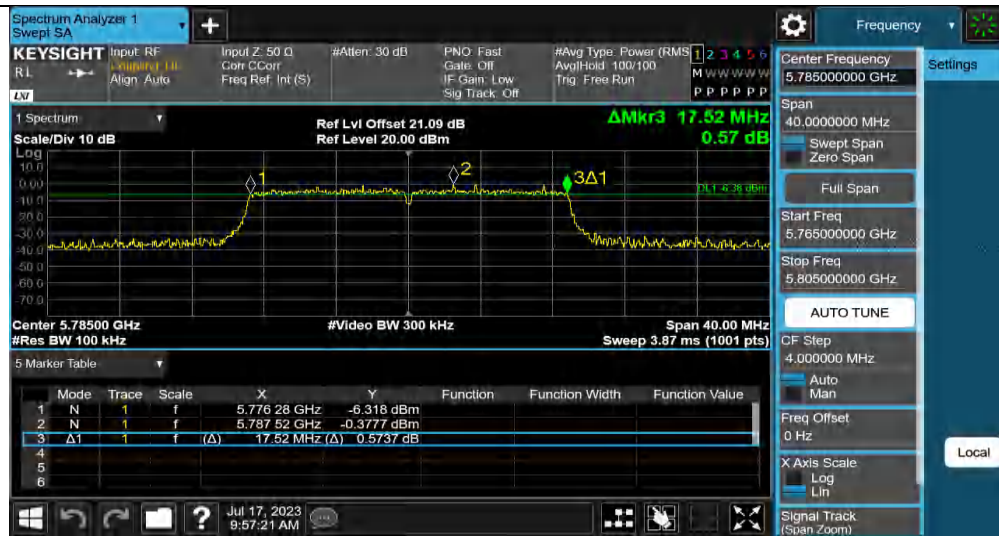
11N40MIMO Ant1 5795



11AC20MIMO Ant1 5745



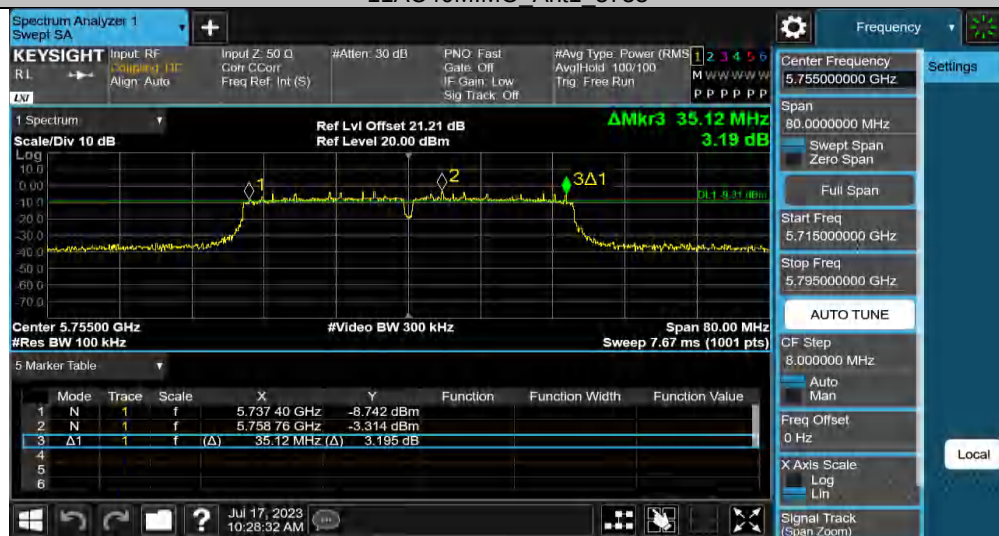
11AC20MIMO Ant1 5785



11AC20MIMO Ant1 5825



11AC40MIMO Ant1 5755



11AC40MIMO Ant1 5795



11AC80MIMO Ant1 5775



## 1.4 Appendix B: Maximum conducted output power

### 1.4.1 Test Result

| TestMode   | Antenna | Channel | Result[dBm] | Limit[dBm] | Verdict |
|------------|---------|---------|-------------|------------|---------|
| 11A        | Ant1    | 5180    | 9.90        | ≤23.98     | PASS    |
|            |         | 5200    | 10.07       | ≤23.98     | PASS    |
|            |         | 5240    | 9.86        | ≤23.98     | PASS    |
|            |         | 5745    | 13.50       | ≤30.00     | PASS    |
|            |         | 5785    | 13.43       | ≤30.00     | PASS    |
|            |         | 5825    | 12.53       | ≤30.00     | PASS    |
|            | Ant2    | 5745    | 12.48       | ≤30.00     | PASS    |
|            |         | 5785    | 12.31       | ≤30.00     | PASS    |
|            |         | 5825    | 11.75       | ≤30.00     | PASS    |
| 11N20MIMO  | Ant1    | 5180    | 6.30        | ≤23.98     | PASS    |
|            | Ant2    | 5180    | 5.62        | ≤23.98     | PASS    |
|            | total   | 5180    | 8.98        | ≤23.98     | PASS    |
|            | Ant1    | 5200    | 6.42        | ≤23.98     | PASS    |
|            | Ant2    | 5200    | 5.79        | ≤23.98     | PASS    |
|            | total   | 5200    | 9.13        | ≤23.98     | PASS    |
|            | Ant1    | 5240    | 6.24        | ≤23.98     | PASS    |
|            | Ant2    | 5240    | 6.29        | ≤23.98     | PASS    |
|            | total   | 5240    | 9.28        | ≤23.98     | PASS    |
|            | Ant1    | 5745    | 12.01       | ≤30.00     | PASS    |
|            | Ant2    | 5745    | 6.37        | ≤30.00     | PASS    |
|            | total   | 5745    | 13.06       | ≤30.00     | PASS    |
|            | Ant1    | 5785    | 11.96       | ≤30.00     | PASS    |
|            | Ant2    | 5785    | 6.14        | ≤30.00     | PASS    |
|            | total   | 5785    | 12.97       | ≤30.00     | PASS    |
|            | Ant1    | 5825    | 11.05       | ≤30.00     | PASS    |
|            | Ant2    | 5825    | 6.60        | ≤30.00     | PASS    |
|            | total   | 5825    | 12.38       | ≤30.00     | PASS    |
| 11N40MIMO  | Ant1    | 5190    | 4.98        | ≤23.98     | PASS    |
|            | Ant2    | 5190    | 3.94        | ≤23.98     | PASS    |
|            | total   | 5190    | 7.50        | ≤23.98     | PASS    |
|            | Ant1    | 5230    | 4.04        | ≤23.98     | PASS    |
|            | Ant2    | 5230    | 4.45        | ≤23.98     | PASS    |
|            | total   | 5230    | 7.26        | ≤23.98     | PASS    |
|            | Ant1    | 5755    | 9.98        | ≤30.00     | PASS    |
|            | Ant2    | 5755    | 9.13        | ≤30.00     | PASS    |
|            | total   | 5755    | 12.59       | ≤30.00     | PASS    |
|            | Ant1    | 5795    | 9.16        | ≤30.00     | PASS    |
|            | Ant2    | 5795    | 8.89        | ≤30.00     | PASS    |
|            | total   | 5795    | 12.04       | ≤30.00     | PASS    |
| 11AC20MIMO | Ant1    | 5180    | 6.42        | ≤23.98     | PASS    |
|            | Ant2    | 5180    | 5.24        | ≤23.98     | PASS    |
|            | total   | 5180    | 8.88        | ≤23.98     | PASS    |
|            | Ant1    | 5200    | 6.42        | ≤23.98     | PASS    |
|            | Ant2    | 5200    | 5.65        | ≤23.98     | PASS    |
|            | total   | 5200    | 9.06        | ≤23.98     | PASS    |
|            | Ant1    | 5240    | 6.22        | ≤23.98     | PASS    |
|            | Ant2    | 5240    | 6.01        | ≤23.98     | PASS    |
|            | total   | 5240    | 9.13        | ≤23.98     | PASS    |
|            | Ant1    | 5745    | 11.09       | ≤30.00     | PASS    |
|            | Ant2    | 5745    | 7.22        | ≤30.00     | PASS    |
|            | total   | 5745    | 12.58       | ≤30.00     | PASS    |
|            | Ant1    | 5785    | 11.52       | ≤30.00     | PASS    |
|            | Ant2    | 5785    | 6.95        | ≤30.00     | PASS    |
|            | total   | 5785    | 12.82       | ≤30.00     | PASS    |
|            | Ant1    | 5825    | 12.27       | ≤30.00     | PASS    |
|            | Ant2    | 5825    | 7.33        | ≤30.00     | PASS    |

|            |       |      |       |        |      |
|------------|-------|------|-------|--------|------|
|            | total | 5825 | 13.48 | ≤30.00 | PASS |
| 11AC40MIMO | Ant1  | 5190 | 5.26  | ≤23.98 | PASS |
|            | Ant2  | 5190 | 4.33  | ≤23.98 | PASS |
|            | total | 5190 | 7.83  | ≤23.98 | PASS |
|            | Ant1  | 5230 | 5.05  | ≤23.98 | PASS |
|            | Ant2  | 5230 | 4.27  | ≤23.98 | PASS |
|            | total | 5230 | 7.69  | ≤23.98 | PASS |
|            | Ant1  | 5755 | 11.22 | ≤30.00 | PASS |
|            | Ant2  | 5755 | 6.84  | ≤30.00 | PASS |
|            | total | 5755 | 12.57 | ≤30.00 | PASS |
|            | Ant1  | 5795 | 11.33 | ≤30.00 | PASS |
| 11AC80MIMO | Ant2  | 5795 | 6.78  | ≤30.00 | PASS |
|            | total | 5795 | 12.64 | ≤30.00 | PASS |
|            | Ant1  | 5210 | 5.82  | ≤23.98 | PASS |
|            | Ant2  | 5210 | 5.80  | ≤23.98 | PASS |
|            | total | 5210 | 8.82  | ≤23.98 | PASS |
|            | Ant1  | 5775 | 11.23 | ≤30.00 | PASS |
|            | Ant2  | 5775 | 6.52  | ≤30.00 | PASS |
|            | total | 5775 | 12.49 | ≤30.00 | PASS |

Note1. Max. e.i.r.p.:  $13.50\text{dBm} + 3.69\text{dBi} = 17.17\text{dBm}$ , which is less than  $36\text{dBm} = 4\text{W}$ , Max Antenna gain: 3.69dBi, here e.i.r.p is calculated by the max antenna gain.

Note2: The Duty Cycle Factor is compensated in the tables.

## 1.5 Appendix C: Maximum power spectral density

### 1.5.1 Test Result

| TestMode   | Antenna | Channel | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|---------|---------|------------------|----------------|---------|
| 11A        | Ant1    | 5180    | -1.43            | ≤11.00         | PASS    |
|            |         | 5200    | -1.48            | ≤11.00         | PASS    |
|            |         | 5240    | -1.32            | ≤11.00         | PASS    |
|            |         | 5745    | -2.1             | ≤30.00         | PASS    |
|            |         | 5785    | -2.26            | ≤30.00         | PASS    |
|            |         | 5825    | -3.85            | ≤30.00         | PASS    |
| 11N20MIMO  | Ant1    | 5180    | -5.24            | ≤11.00         | PASS    |
|            | Ant2    | 5180    | -5.85            | ≤11.00         | PASS    |
|            | total   | 5180    | -2.52            | ≤11.00         | PASS    |
|            | Ant1    | 5200    | -5.28            | ≤11.00         | PASS    |
|            | Ant2    | 5200    | -5.63            | ≤11.00         | PASS    |
|            | total   | 5200    | -2.44            | ≤11.00         | PASS    |
|            | Ant1    | 5240    | -5.17            | ≤11.00         | PASS    |
|            | Ant2    | 5240    | -5.55            | ≤11.00         | PASS    |
|            | total   | 5240    | -2.35            | ≤11.00         | PASS    |
|            | Ant1    | 5745    | -3.68            | ≤30.00         | PASS    |
|            | Ant2    | 5745    | -9.4             | ≤30.00         | PASS    |
|            | total   | 5745    | -2.65            | ≤30.00         | PASS    |
|            | Ant1    | 5785    | -3.84            | ≤30.00         | PASS    |
|            | Ant2    | 5785    | -9.57            | ≤30.00         | PASS    |
|            | total   | 5785    | -2.81            | ≤30.00         | PASS    |
|            | Ant1    | 5825    | -5.45            | ≤30.00         | PASS    |
|            | Ant2    | 5825    | -9.53            | ≤30.00         | PASS    |
|            | total   | 5825    | -4.02            | ≤30.00         | PASS    |
| 11N40MIMO  | Ant1    | 5190    | -9.28            | ≤11.00         | PASS    |
|            | Ant2    | 5190    | -9.65            | ≤11.00         | PASS    |
|            | total   | 5190    | -6.45            | ≤11.00         | PASS    |
|            | Ant1    | 5230    | -9.41            | ≤11.00         | PASS    |
|            | Ant2    | 5230    | -9.42            | ≤11.00         | PASS    |
|            | total   | 5230    | -6.40            | ≤11.00         | PASS    |
|            | Ant1    | 5755    | -8.39            | ≤30.00         | PASS    |
|            | Ant2    | 5755    | -13.04           | ≤30.00         | PASS    |
|            | total   | 5755    | -7.11            | ≤30.00         | PASS    |
|            | Ant1    | 5795    | -9.59            | ≤30.00         | PASS    |
|            | Ant2    | 5795    | -13.33           | ≤30.00         | PASS    |
|            | total   | 5795    | -8.06            | ≤30.00         | PASS    |
| 11AC20MIMO | Ant1    | 5180    | -5.41            | ≤11.00         | PASS    |
|            | Ant2    | 5180    | -6.31            | ≤11.00         | PASS    |
|            | total   | 5180    | -2.83            | ≤11.00         | PASS    |
|            | Ant1    | 5200    | -5.36            | ≤11.00         | PASS    |
|            | Ant2    | 5200    | -5.71            | ≤11.00         | PASS    |
|            | total   | 5200    | -2.52            | ≤11.00         | PASS    |
|            | Ant1    | 5240    | -5.74            | ≤11.00         | PASS    |
|            | Ant2    | 5240    | -5.61            | ≤11.00         | PASS    |
|            | total   | 5240    | -2.66            | ≤11.00         | PASS    |
|            | Ant1    | 5745    | -5.38            | ≤30.00         | PASS    |
|            | Ant2    | 5745    | -9.17            | ≤30.00         | PASS    |
|            | total   | 5745    | -3.86            | ≤30.00         | PASS    |
|            | Ant1    | 5785    | -4.87            | ≤30.00         | PASS    |
|            | Ant2    | 5785    | -9.3             | ≤30.00         | PASS    |
|            | total   | 5785    | -3.53            | ≤30.00         | PASS    |
|            | Ant1    | 5825    | -4.58            | ≤30.00         | PASS    |
|            | Ant2    | 5825    | -9.45            | ≤30.00         | PASS    |
|            | total   | 5825    | -3.36            | ≤30.00         | PASS    |
| 11AC40MIMO | Ant1    | 5190    | -8.91            | ≤11.00         | PASS    |
|            | Ant2    | 5190    | -9.86            | ≤11.00         | PASS    |

|            |       |      |        |        |      |
|------------|-------|------|--------|--------|------|
|            | total | 5190 | -6.35  | ≤11.00 | PASS |
|            | Ant1  | 5230 | -9.24  | ≤11.00 | PASS |
|            | Ant2  | 5230 | -9.64  | ≤11.00 | PASS |
|            | total | 5230 | -6.43  | ≤11.00 | PASS |
|            | Ant1  | 5755 | -7.59  | ≤30.00 | PASS |
|            | Ant2  | 5755 | -11.26 | ≤30.00 | PASS |
|            | total | 5755 | -6.04  | ≤30.00 | PASS |
|            | Ant1  | 5795 | -7.66  | ≤30.00 | PASS |
|            | Ant2  | 5795 | -12.03 | ≤30.00 | PASS |
|            | total | 5795 | -6.31  | ≤30.00 | PASS |
| 11AC80MIMO | Ant1  | 5210 | -11.16 | ≤11.00 | PASS |
|            | Ant2  | 5210 | -11.83 | ≤11.00 | PASS |
|            | total | 5210 | -8.47  | ≤11.00 | PASS |
|            | Ant1  | 5775 | -10.73 | ≤30.00 | PASS |
|            | Ant2  | 5775 | -14.83 | ≤30.00 | PASS |
|            | total | 5775 | -9.30  | ≤30.00 | PASS |

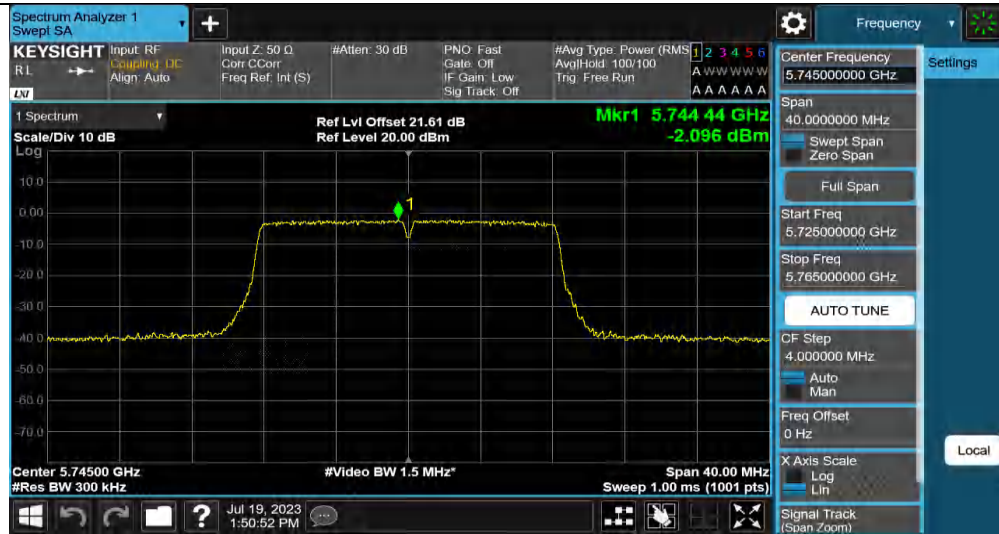
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

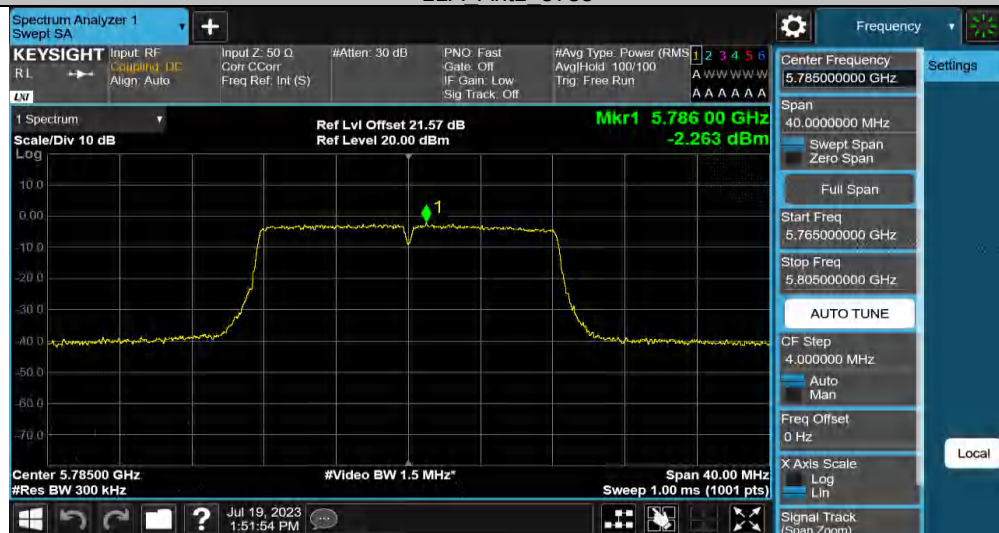
3. Max. e.i.r.p. spectral density:  $-1.32\text{dBm/MHz} + 3.69\text{dBi} = 2.37\text{dBm/MHz}$ , which is less than  $10\text{dBm/MHz}$ , Max Antenna gain:  $3.69\text{dBi}$ , here e.i.r.p is calculated by the max antenna gain.

## 1.5.2 Test Graphs





11A Ant1 5785



11A Ant1 5825



11N20MIMO Ant1 5180



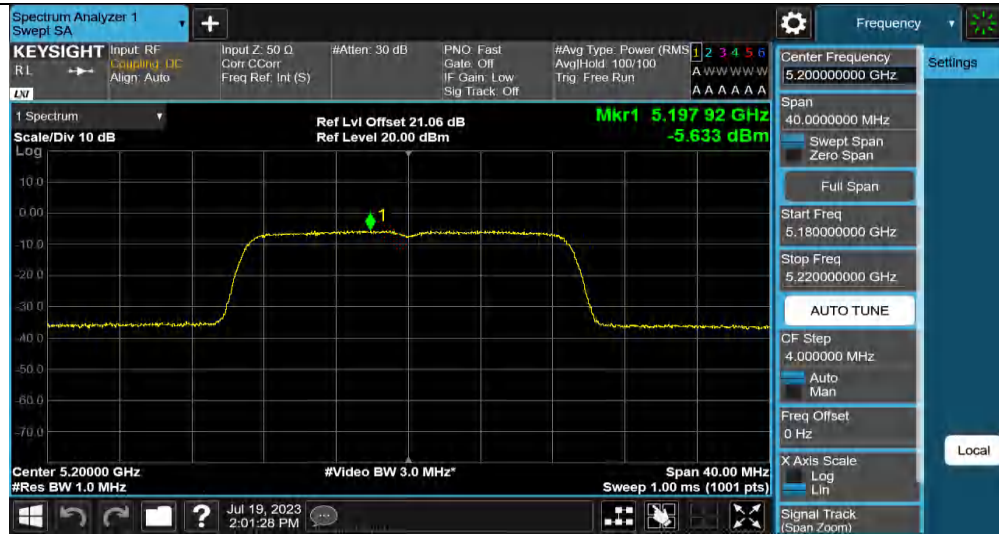
11N20MIMO Ant2 5180



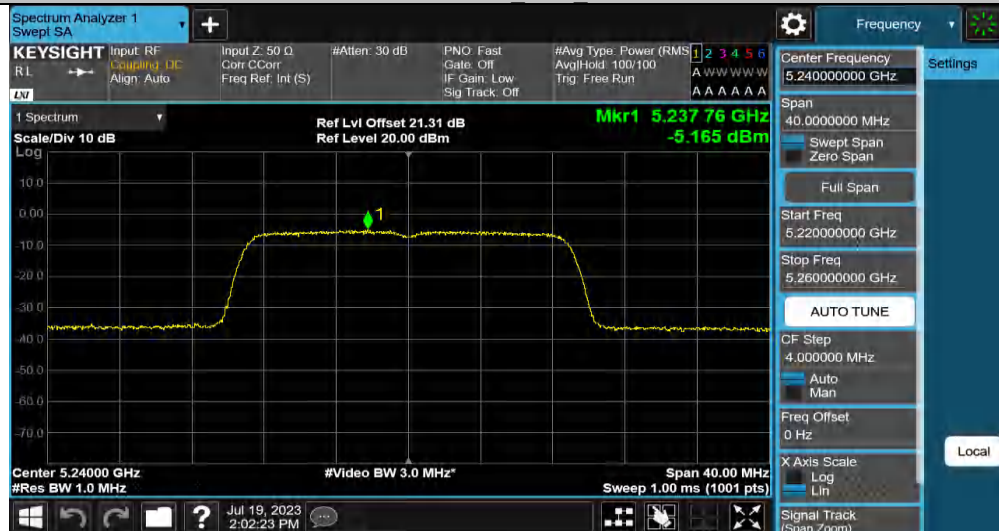
11N20MIMO Ant1 5200



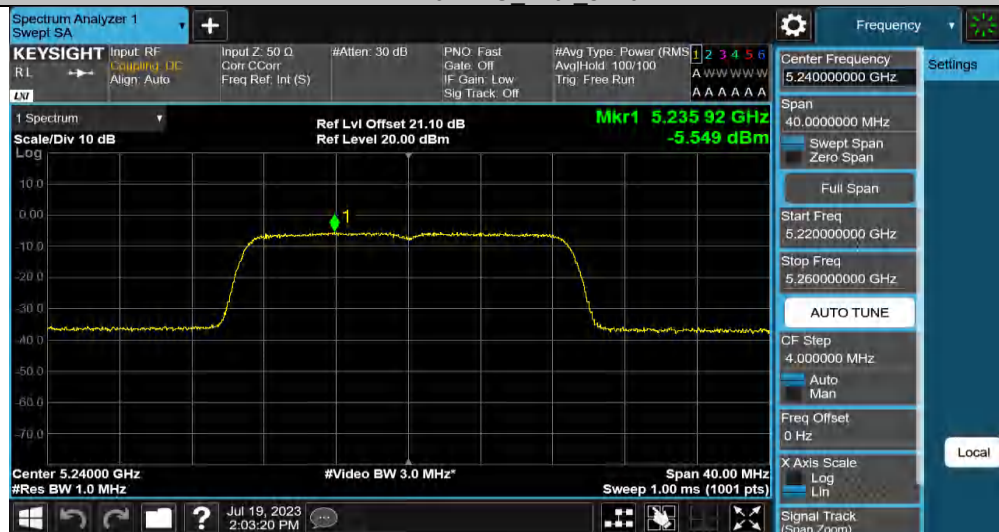
11N20MIMO Ant2 5200



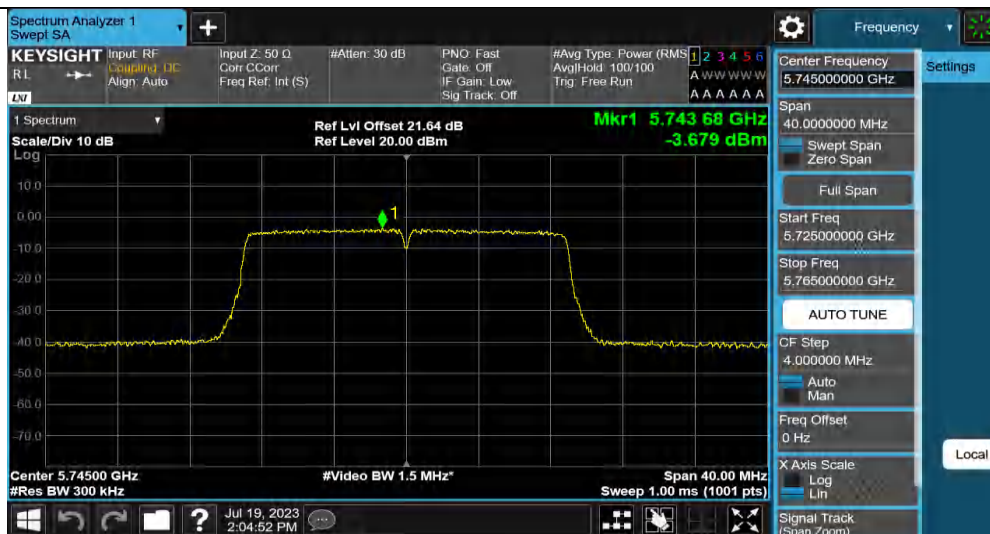
11N20MIMO Ant1 5240



11N20MIMO Ant2 5240



11N20MIMO Ant1 5745



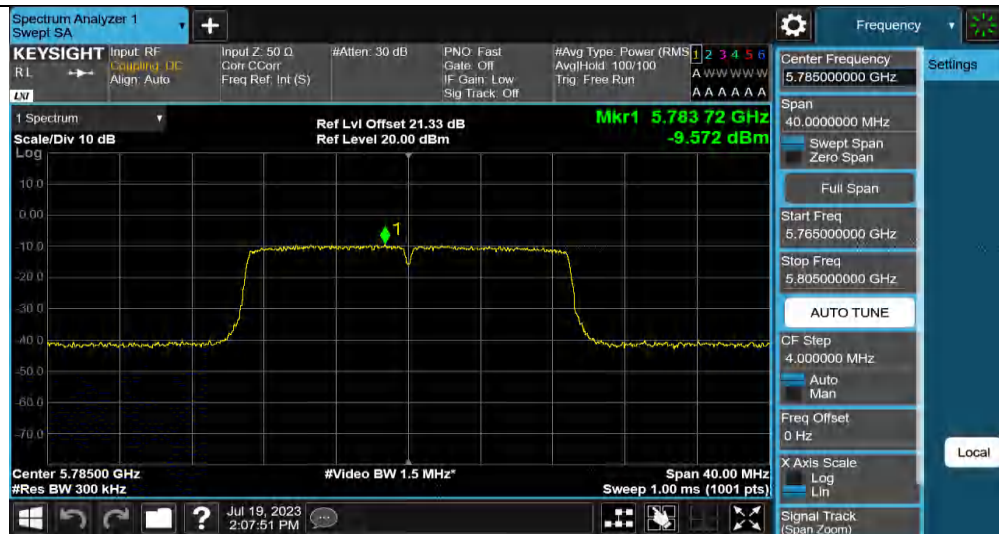
11N20MIMO Ant2 5745



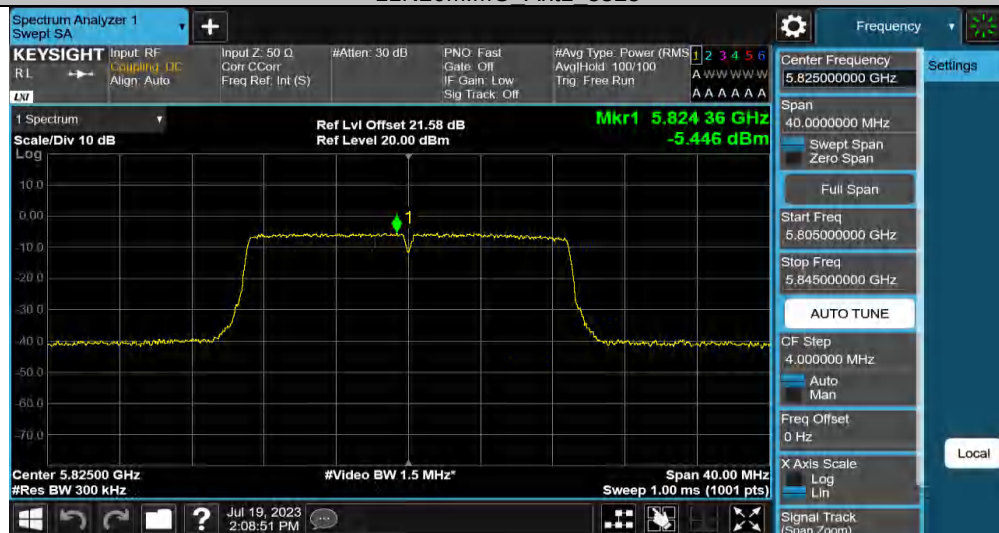
11N20MIMO Ant1 5785



11N20MIMO Ant2 5785



11N20MIMO Ant1 5825



11N20MIMO Ant2 5825



11N40MIMO Ant1 5190



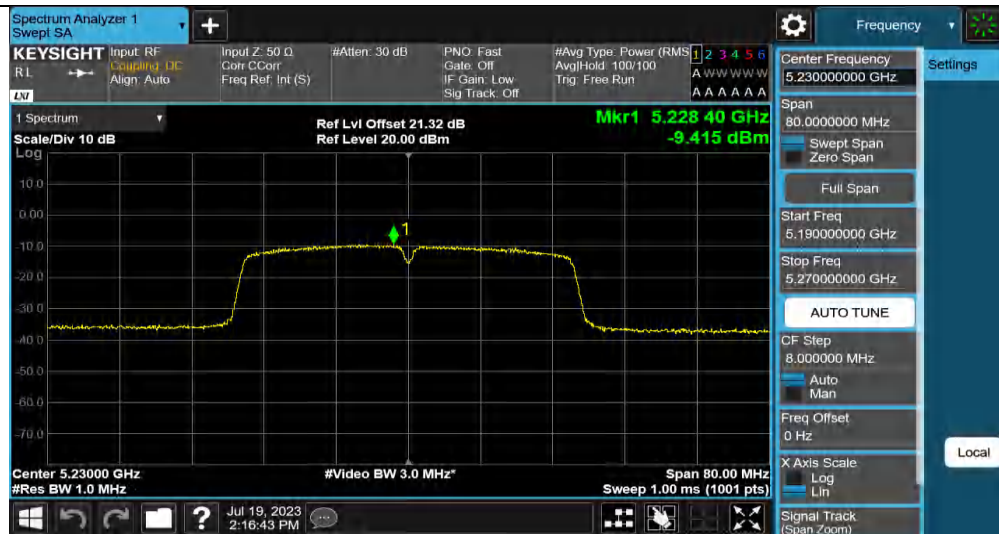
11N40MIMO Ant2 5190



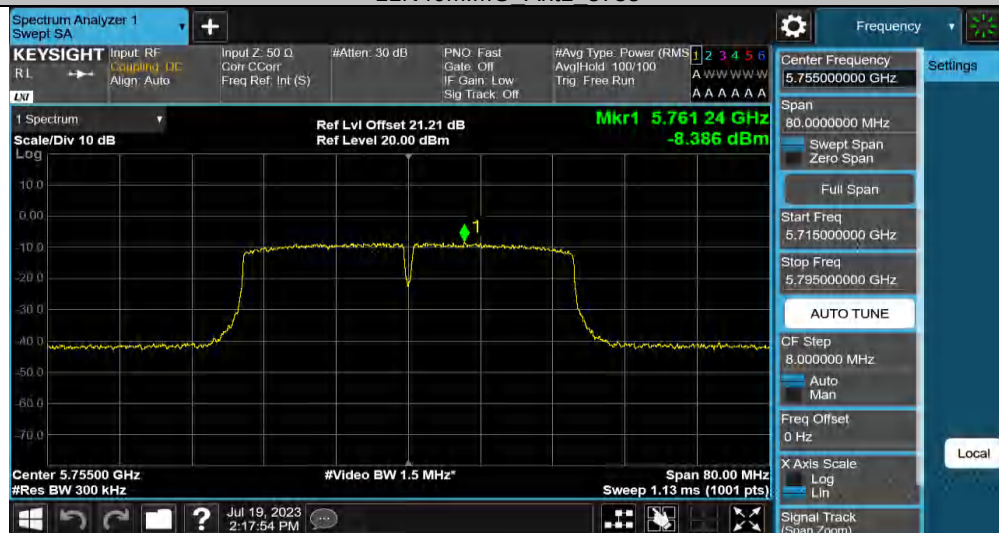
11N40MIMO Ant1 5230



11N40MIMO Ant2 5230



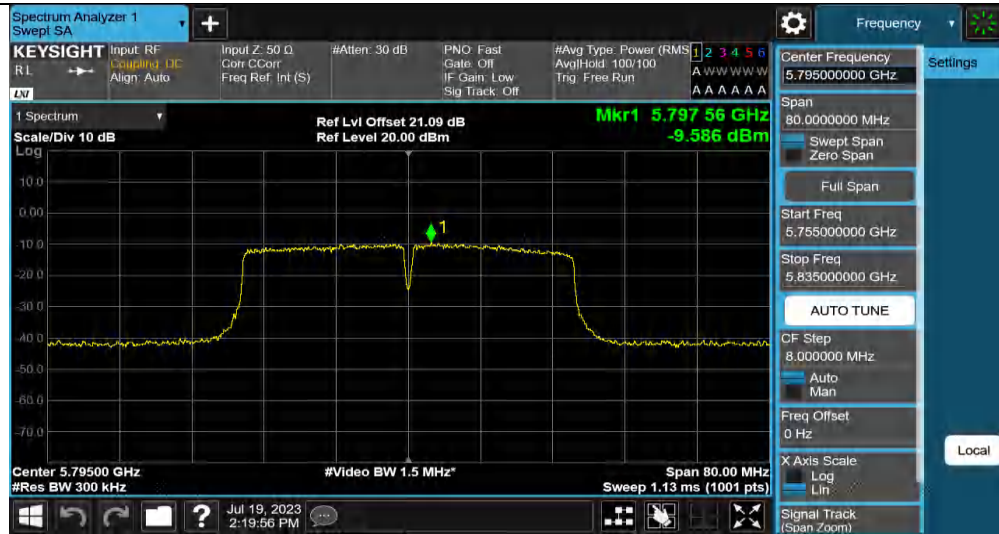
11N40MIMO Ant1 5755



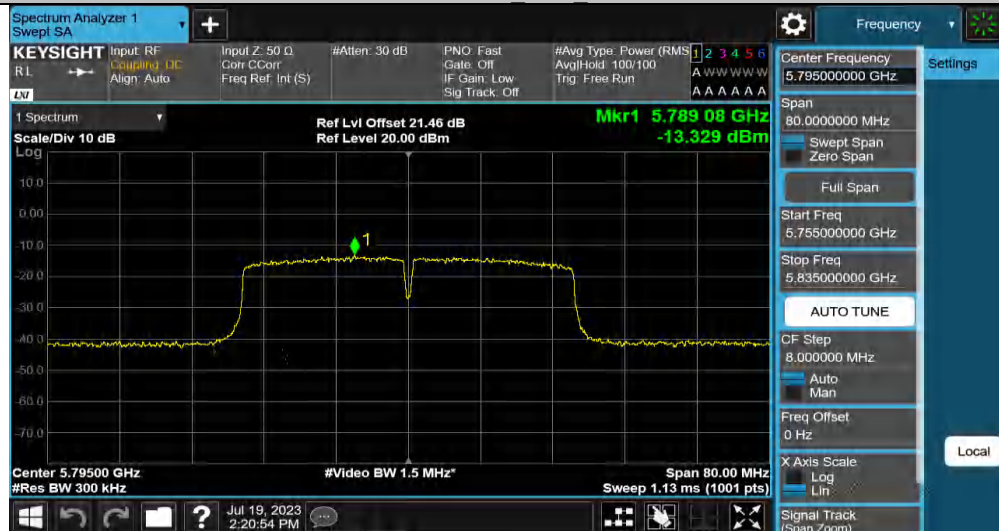
11N40MIMO Ant2 5755



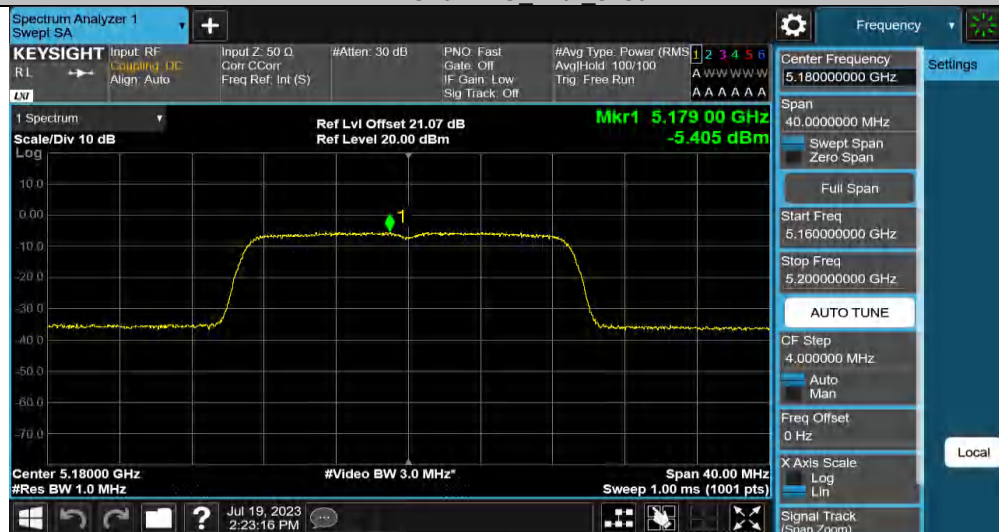
11N40MIMO Ant1 5795



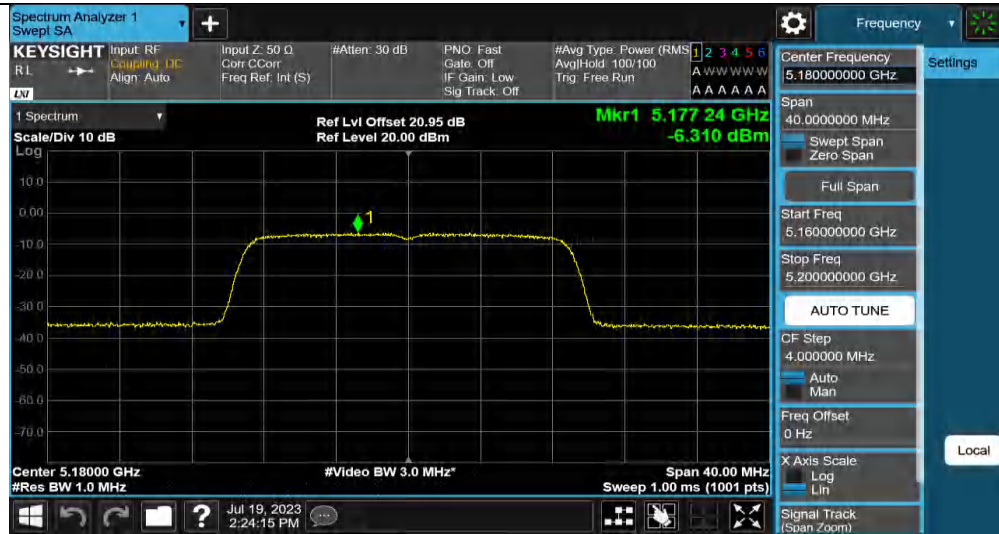
11N40MIMO Ant2 5795



11AC20MIMO Ant1 5180



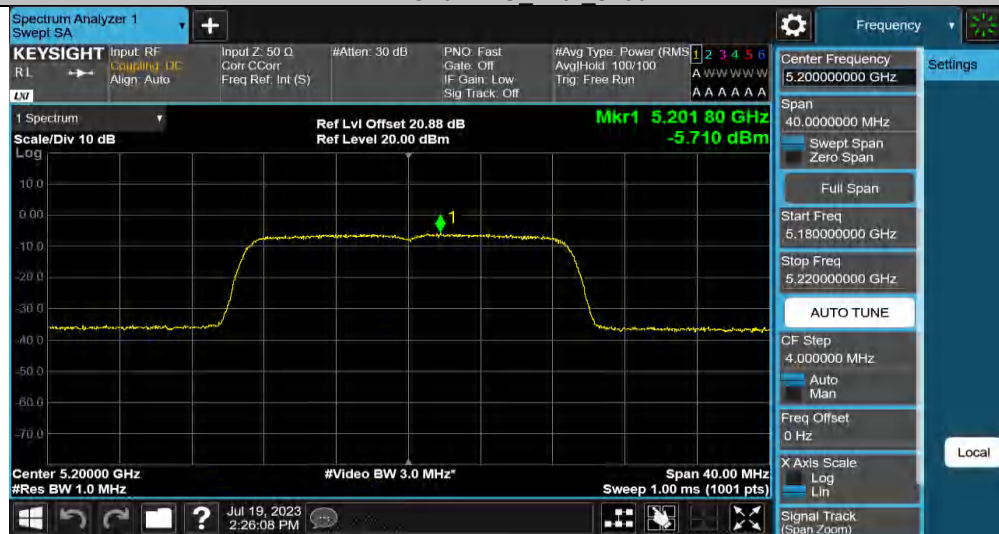
11AC20MIMO Ant2 5180



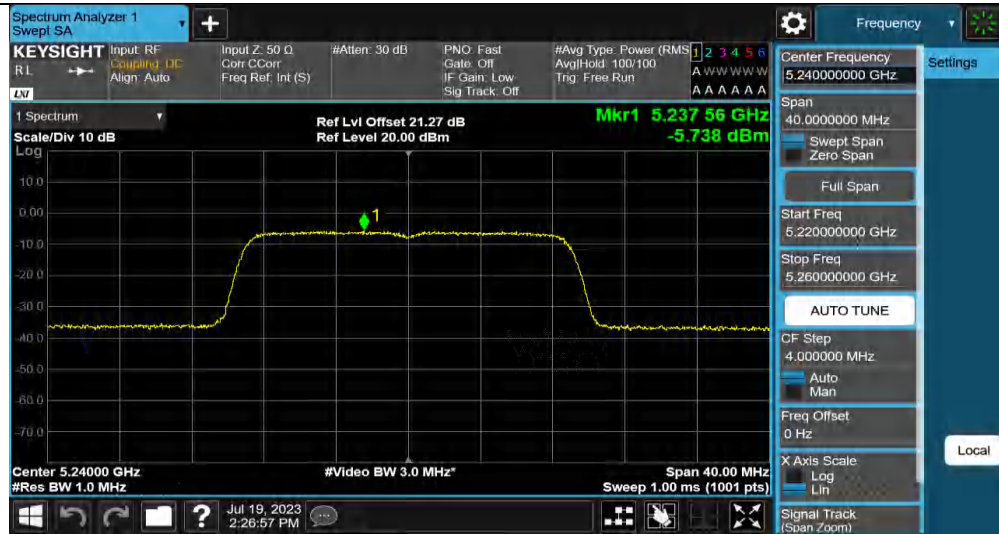
11AC20MIMO Ant1 5200



11AC20MIMO Ant2 5200



11AC20MIMO Ant1 5240



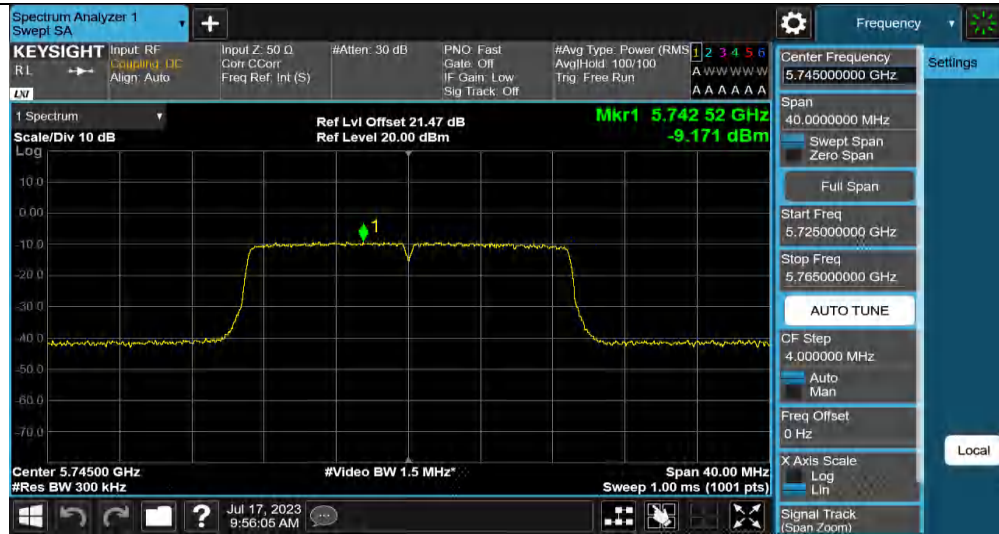
11AC20MIMO Ant2 5240



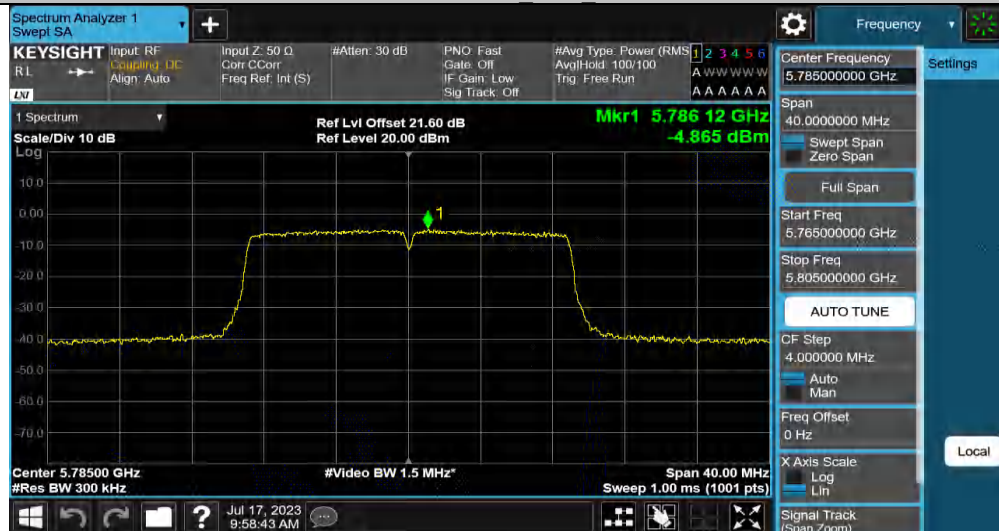
11AC20MIMO Ant1 5745



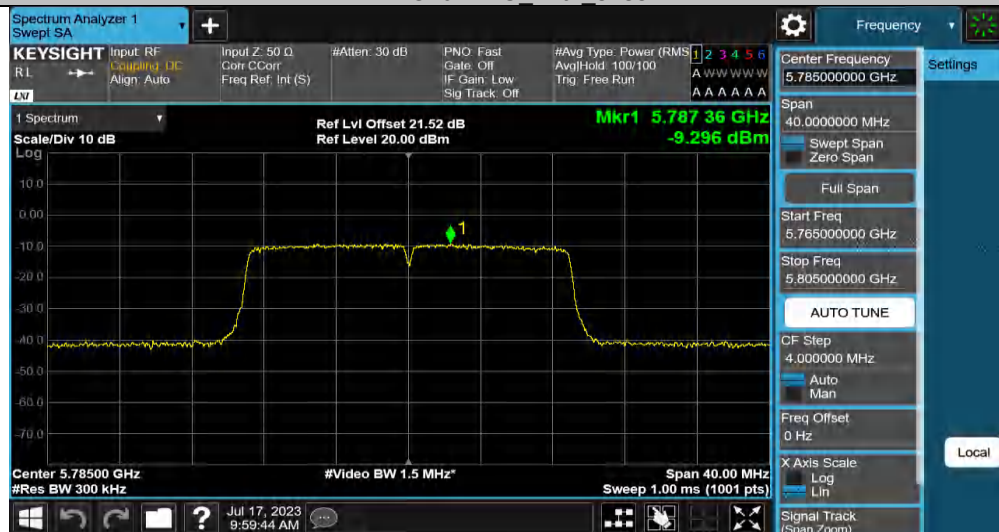
11AC20MIMO Ant2 5745



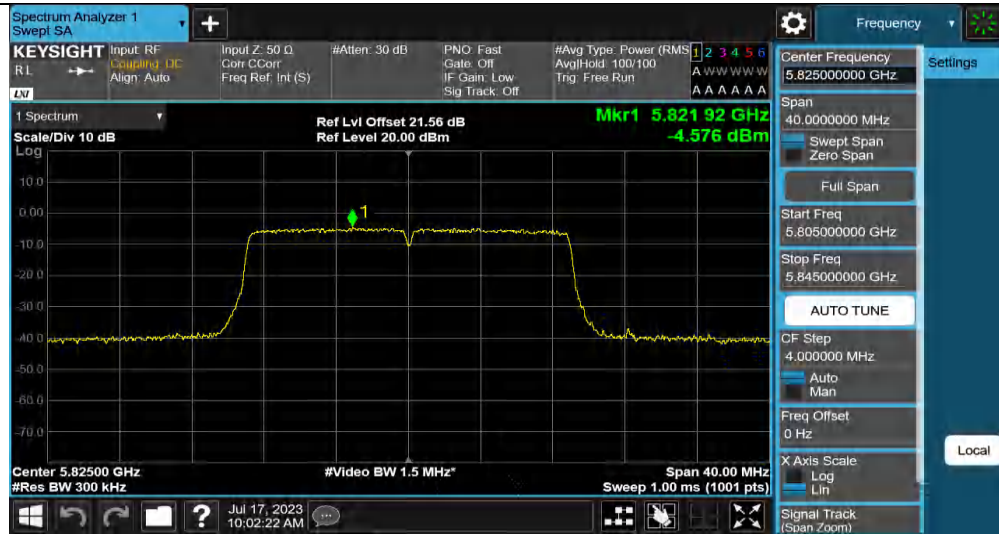
11AC20MIMO Ant1 5785



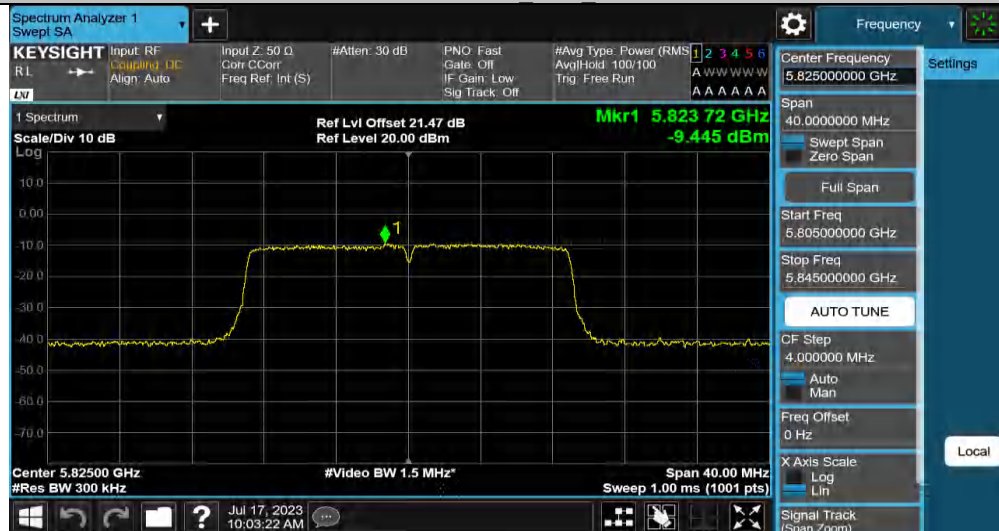
11AC20MIMO Ant2 5785



11AC20MIMO Ant1 5825



11AC20MIMO Ant2 5825



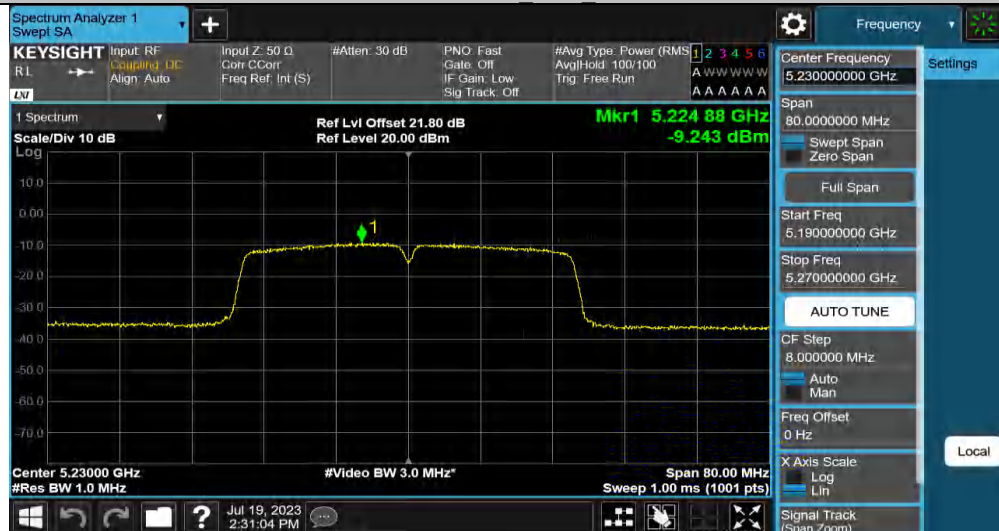
11AC40MIMO Ant1 5190



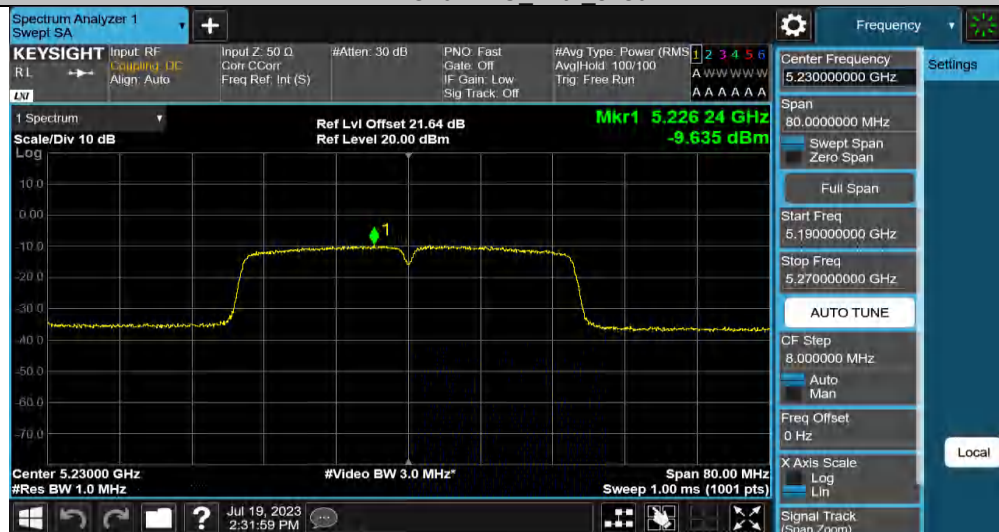
11AC40MIMO Ant2 5190



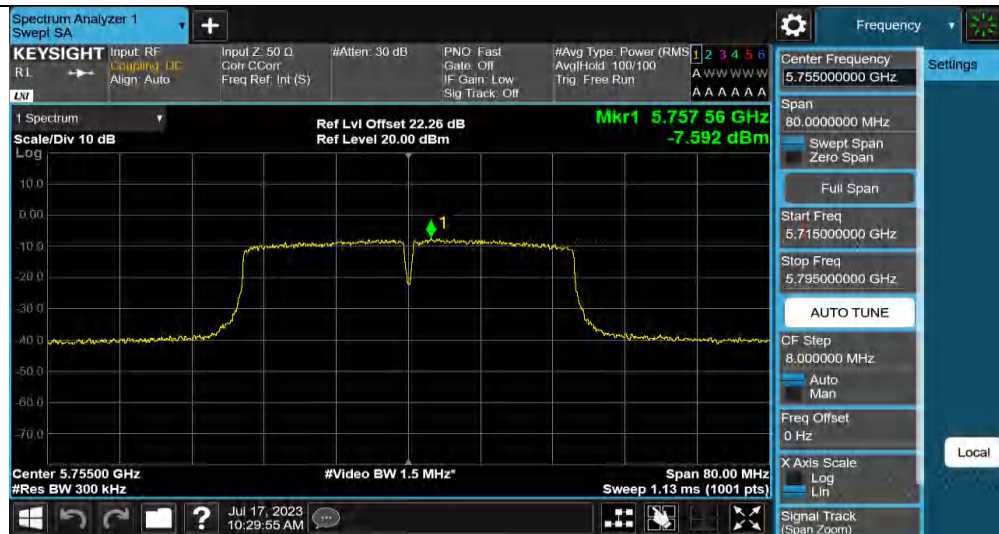
11AC40MIMO Ant1 5230



11AC40MIMO Ant2 5230



11AC40MIMO Ant1 5755



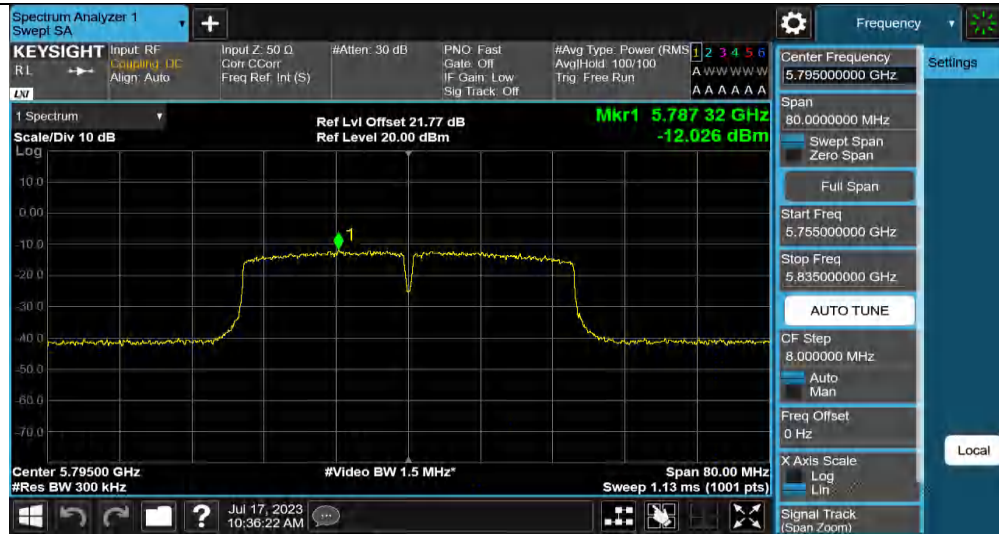
11AC40MIMO Ant2 5755



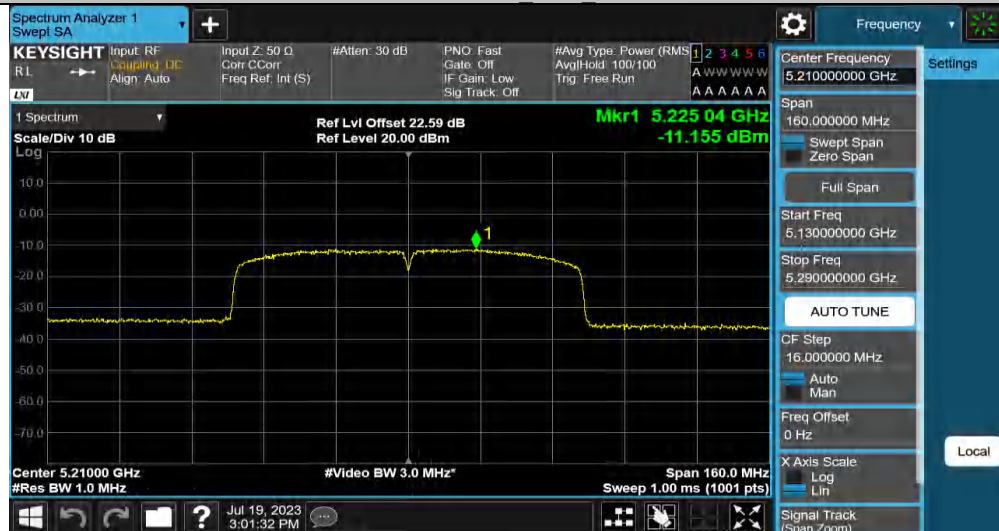
11AC40MIMO Ant1 5795



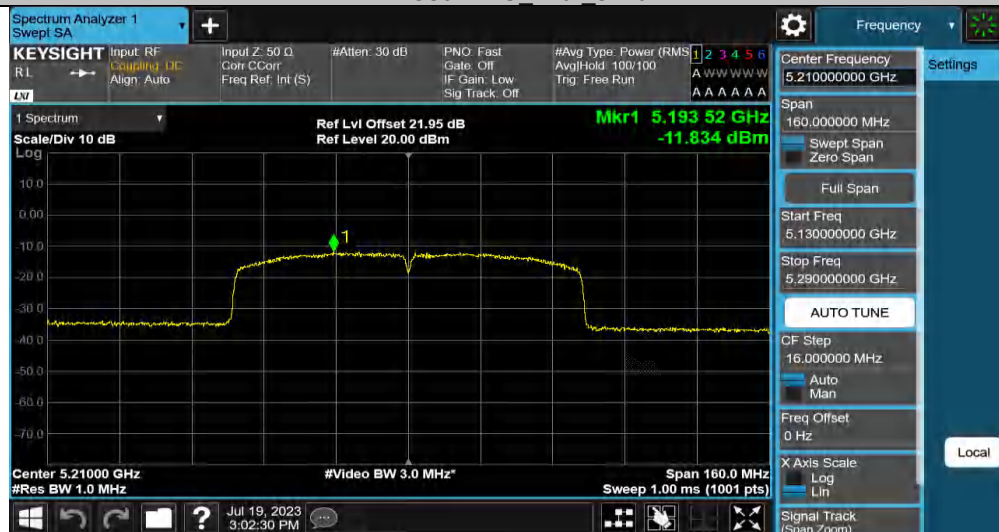
11AC40MIMO Ant2 5795



11AC80MIMO Ant1 5210



11AC80MIMO Ant2 5210



11AC80MIMO Ant1 5775