

## RF Test Data for 5G Wi-Fi (Conducted Measurements)

| General Description of EUT                                                             |                 |
|----------------------------------------------------------------------------------------|-----------------|
| Product Name:                                                                          | Projector       |
| Test Model:                                                                            | H1              |
| Sample ID:                                                                             | 20211018-05-2#  |
| Environmental Conditions                                                               |                 |
| Temperature:                                                                           | 23.8℃           |
| Relative Humidity:                                                                     | 48%             |
| Test Voltage:                                                                          | DC 10.8V        |
| Test Engineer:                                                                         | Huang jian ping |
| Note: For a more detailed features description, please refer to the report TB-RF184574 |                 |

## Contents

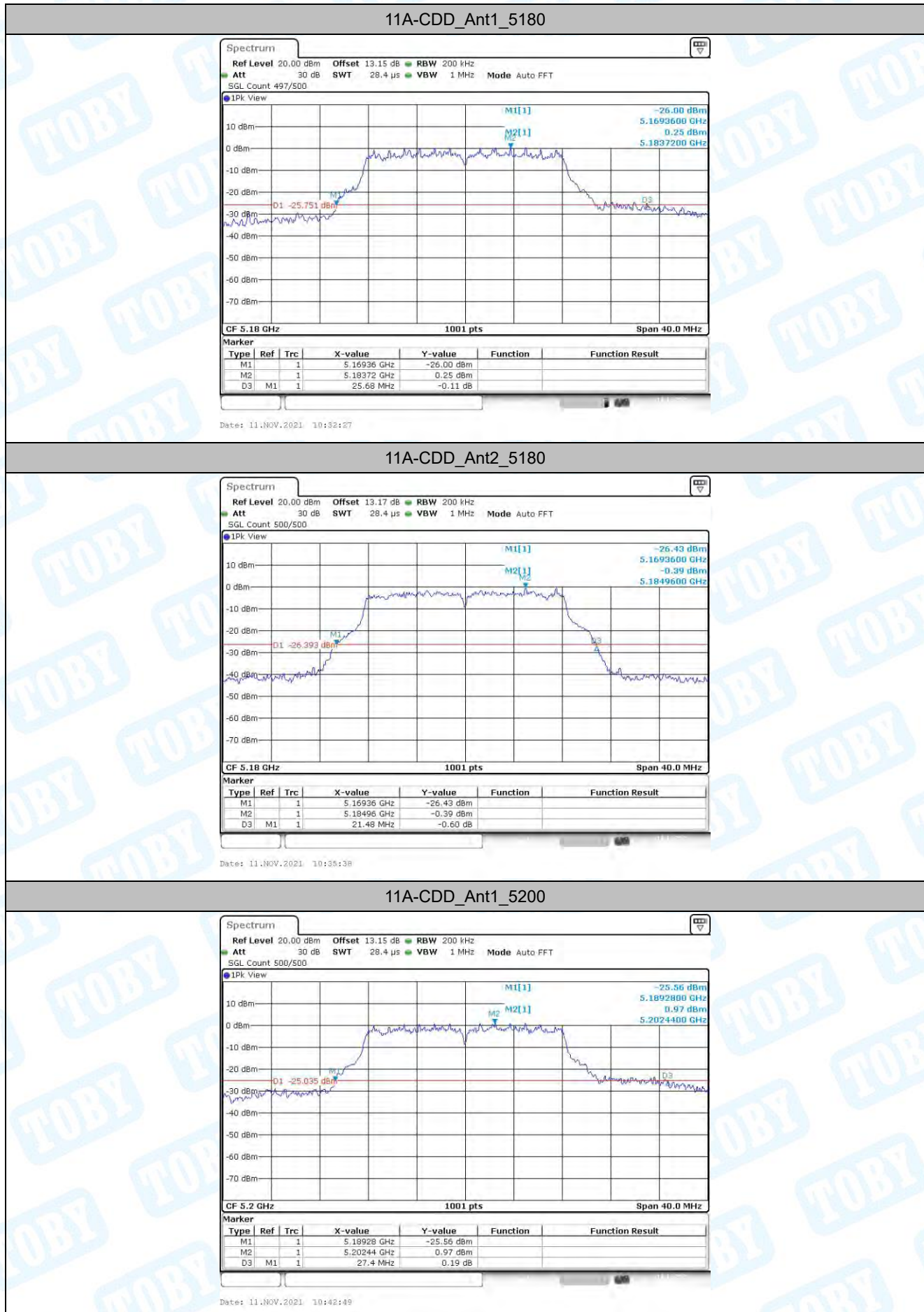
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## 1. Emission Bandwidth

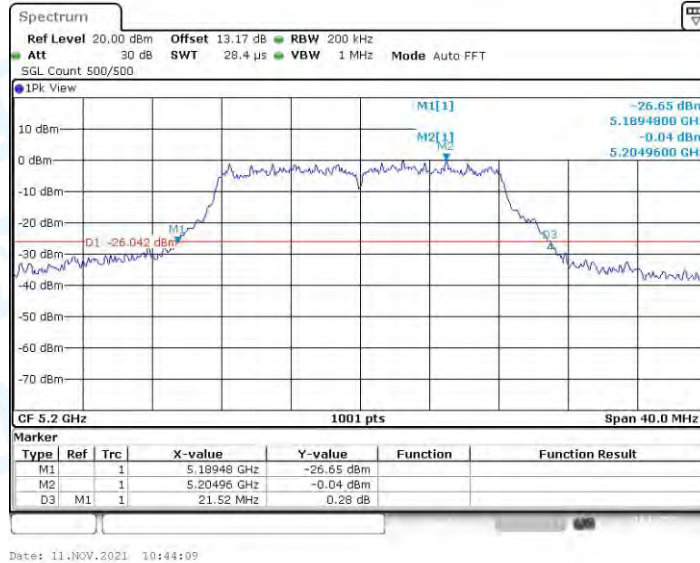
### 1.1. Test Result

| TestMode   | Antenna | Channel | 26db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|----------------|----------|----------|------------|---------|
| 11A-CDD    | Ant1    | 5180    | 25.680         | 5169.360 | 5195.040 | ---        | PASS    |
|            | Ant2    | 5180    | 21.480         | 5169.360 | 5190.840 | ---        | PASS    |
|            | Ant1    | 5200    | 27.400         | 5189.280 | 5216.680 | ---        | PASS    |
|            | Ant2    | 5200    | 21.520         | 5189.480 | 5211.000 | ---        | PASS    |
|            | Ant1    | 5240    | 29.000         | 5229.240 | 5258.240 | ---        | PASS    |
|            | Ant2    | 5240    | 21.680         | 5229.000 | 5250.680 | ---        | PASS    |
| 11N20MIMO  | Ant1    | 5180    | 25.960         | 5169.080 | 5195.040 | ---        | PASS    |
|            | Ant2    | 5180    | 32.440         | 5165.800 | 5198.240 | ---        | PASS    |
|            | Ant1    | 5200    | 29.280         | 5188.920 | 5218.200 | ---        | PASS    |
|            | Ant2    | 5200    | 35.000         | 5183.600 | 5218.600 | ---        | PASS    |
|            | Ant1    | 5240    | 30.920         | 5227.280 | 5258.200 | ---        | PASS    |
|            | Ant2    | 5240    | 35.200         | 5223.280 | 5258.480 | ---        | PASS    |
| 11N40MIMO  | Ant1    | 5190    | 55.520         | 5165.040 | 5220.560 | ---        | PASS    |
|            | Ant2    | 5190    | 64.640         | 5162.400 | 5227.040 | ---        | PASS    |
|            | Ant1    | 5230    | 71.280         | 5190.240 | 5261.520 | ---        | PASS    |
|            | Ant2    | 5230    | 76.400         | 5193.600 | 5270.000 | ---        | PASS    |
| 11AC20MIMO | Ant1    | 5180    | 27.480         | 5169.080 | 5196.560 | ---        | PASS    |
|            | Ant2    | 5180    | 21.200         | 5169.360 | 5190.560 | ---        | PASS    |
|            | Ant1    | 5200    | 21.600         | 5189.160 | 5210.760 | ---        | PASS    |
|            | Ant2    | 5200    | 21.880         | 5188.840 | 5210.720 | ---        | PASS    |
|            | Ant1    | 5240    | 21.640         | 5229.200 | 5250.840 | ---        | PASS    |
|            | Ant2    | 5240    | 21.320         | 5229.400 | 5250.720 | ---        | PASS    |
| 11AC40MIMO | Ant1    | 5190    | 48.480         | 5169.200 | 5217.680 | ---        | PASS    |
|            | Ant2    | 5190    | 51.280         | 5162.480 | 5213.760 | ---        | PASS    |
|            | Ant1    | 5230    | 67.040         | 5192.320 | 5259.360 | ---        | PASS    |
|            | Ant2    | 5230    | 74.880         | 5193.760 | 5268.640 | ---        | PASS    |
| 11AC80MIMO | Ant1    | 5210    | 94.880         | 5170.320 | 5265.200 | ---        | PASS    |
|            | Ant2    | 5210    | 113.120        | 5169.840 | 5282.960 | ---        | PASS    |

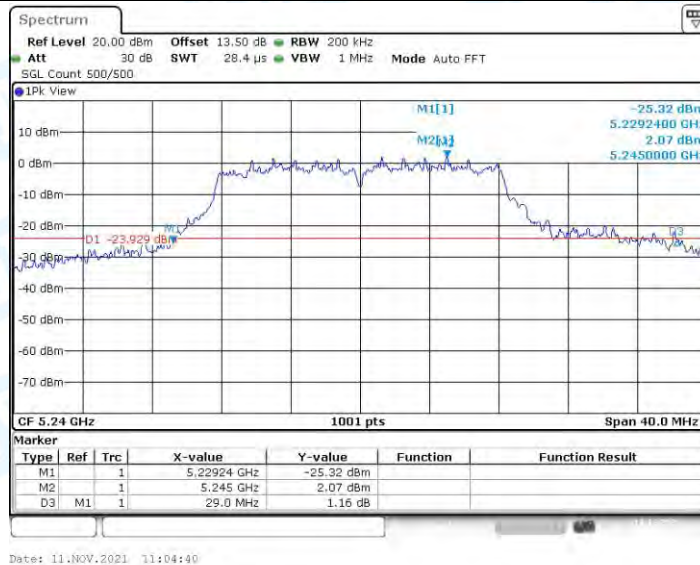
## 1.2. Test Graphs



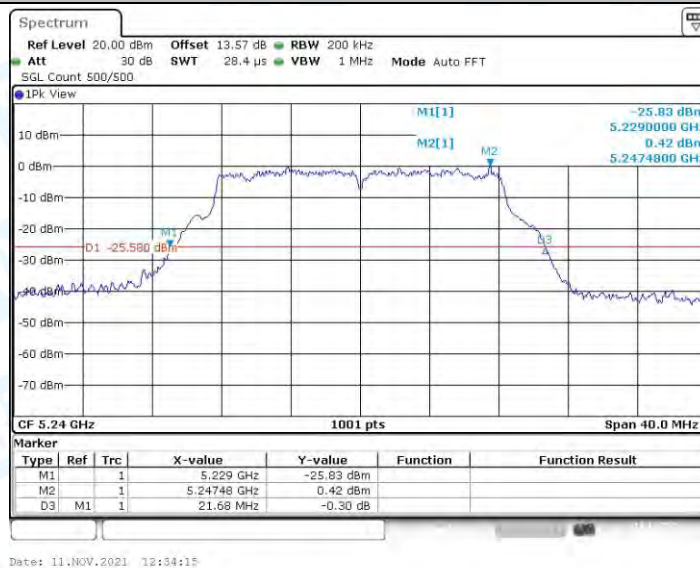
## 11A-CDD\_Ant2\_5200



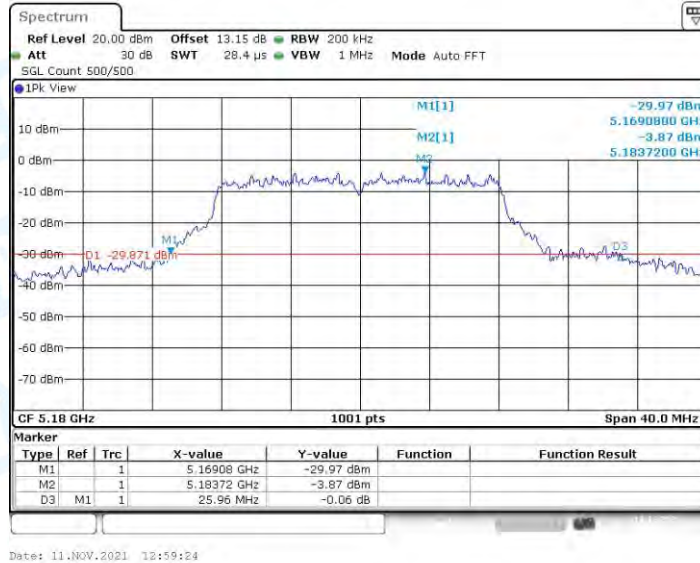
## 11A-CDD\_Ant1\_5240



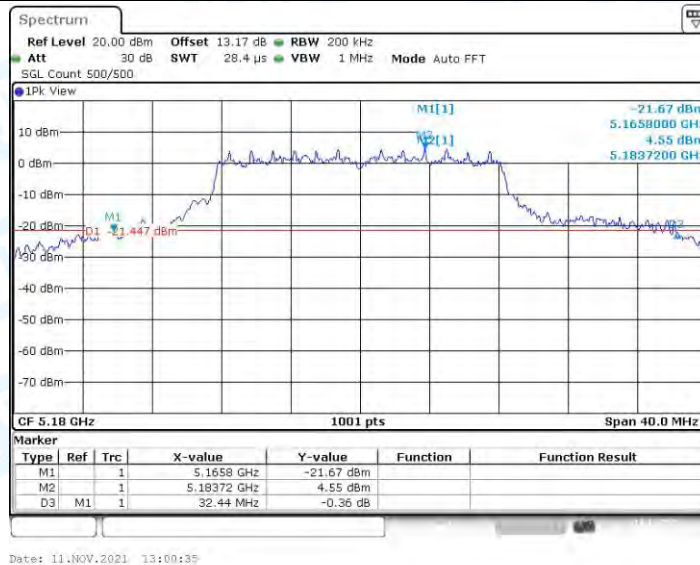
## 11A-CDD\_Ant2\_5240



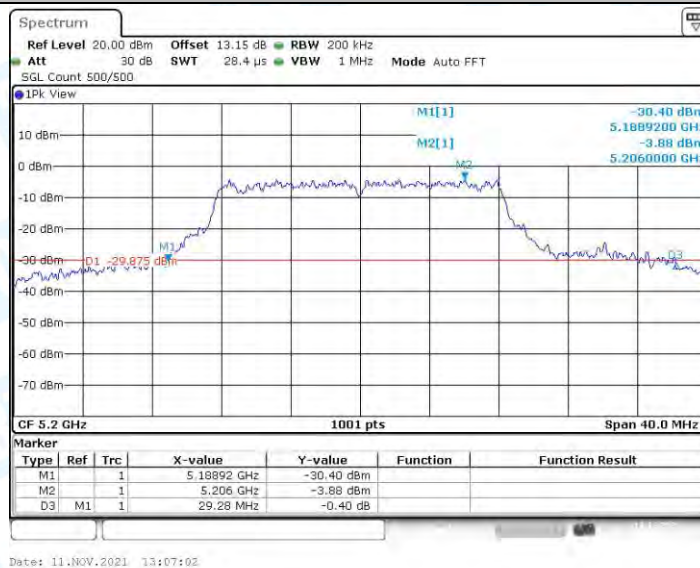
## 11N20MIMO\_Ant1\_5180



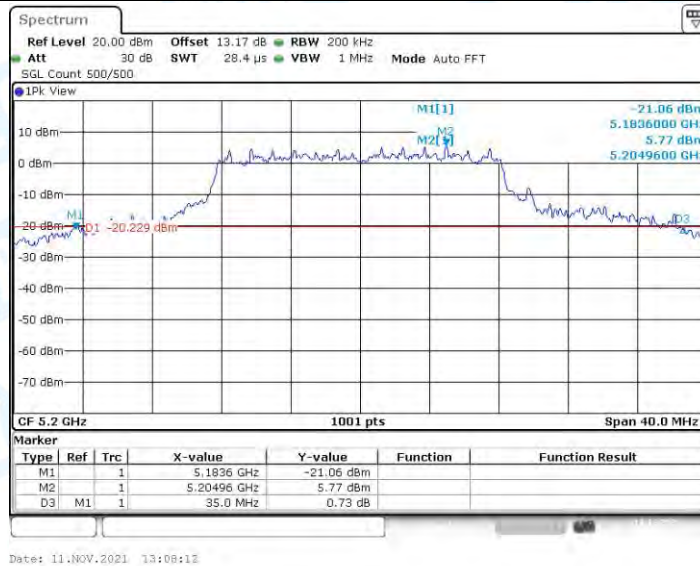
## 11N20MIMO\_Ant2\_5180



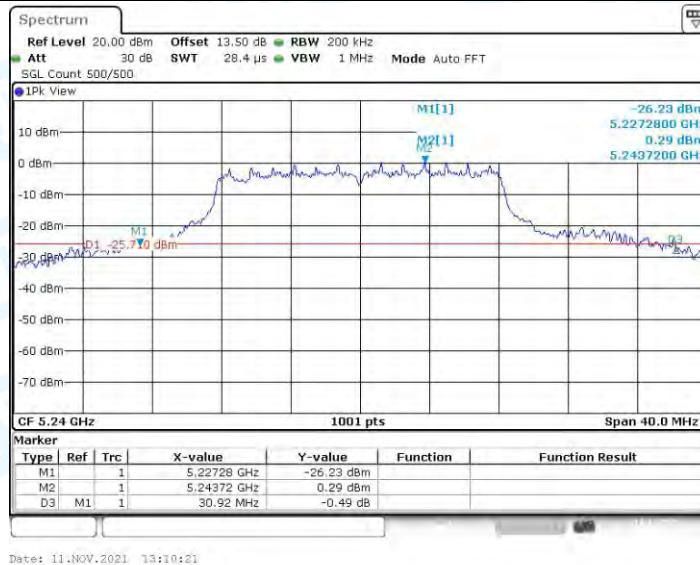
## 11N20MIMO\_Ant1\_5200



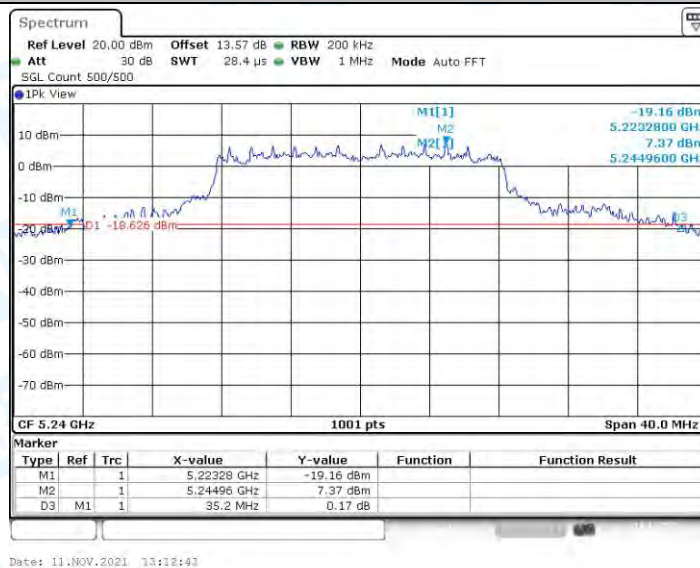
## 11N20MIMO\_Ant2\_5200



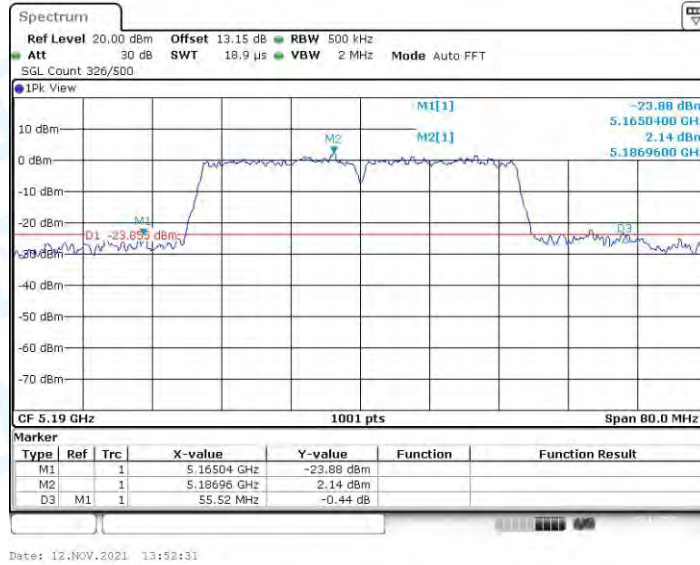
## 11N20MIMO\_Ant1\_5240



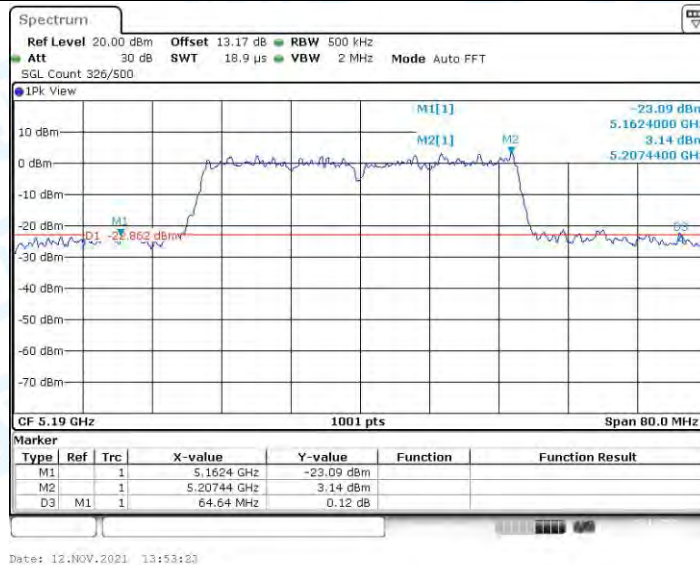
## 11N20MIMO\_Ant2\_5240



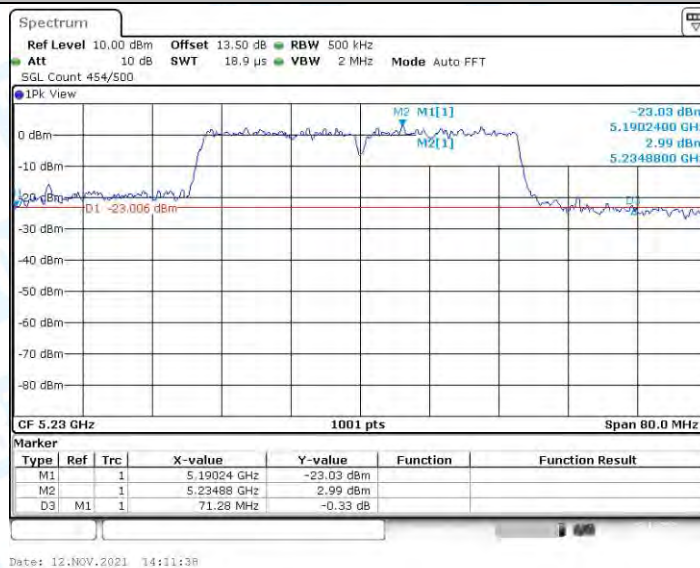
## 11N40MIMO\_Ant1\_5190



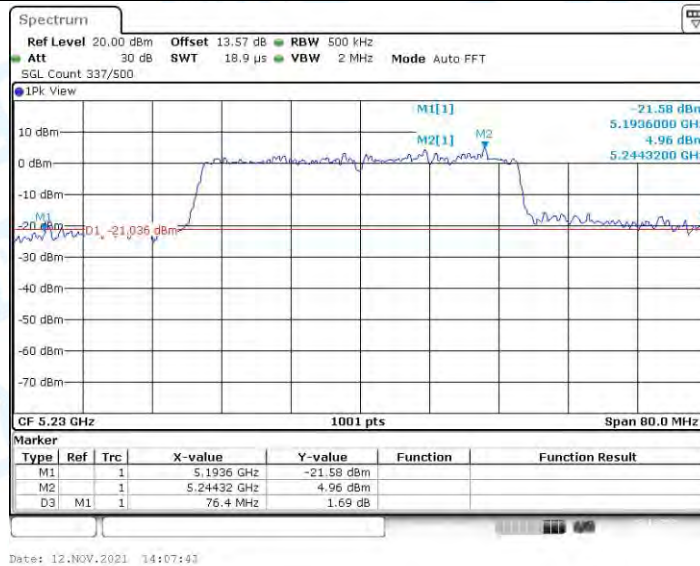
## 11N40MIMO\_Ant2\_5190



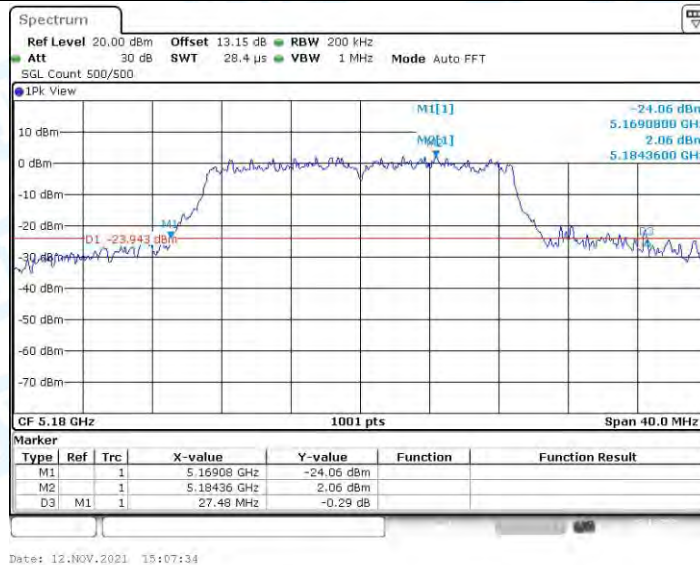
## 11N40MIMO\_Ant1\_5230



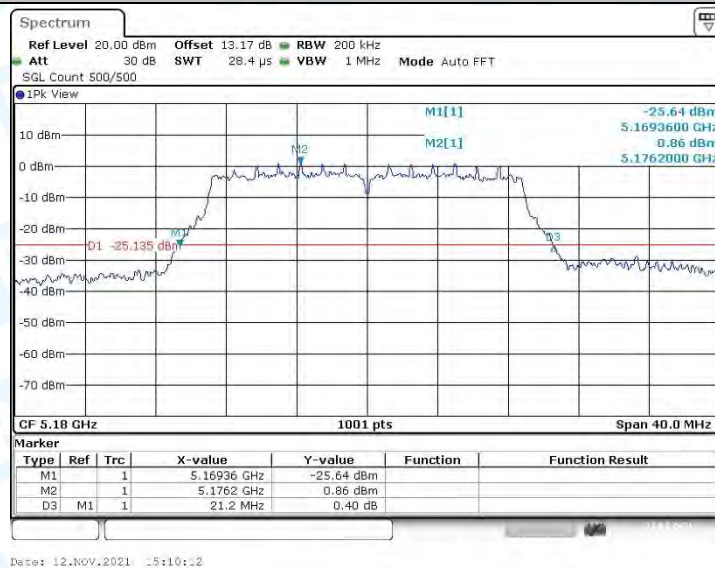
## 11N40MIMO\_Ant2\_5230



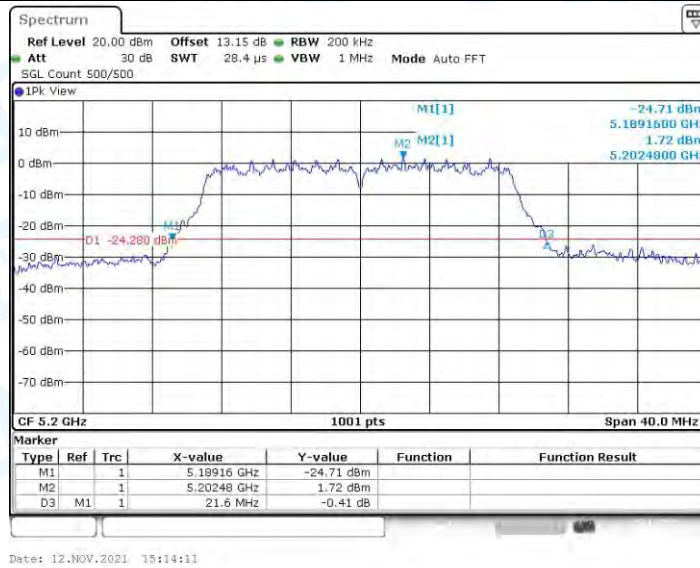
## 11AC20MIMO\_Ant1\_5180



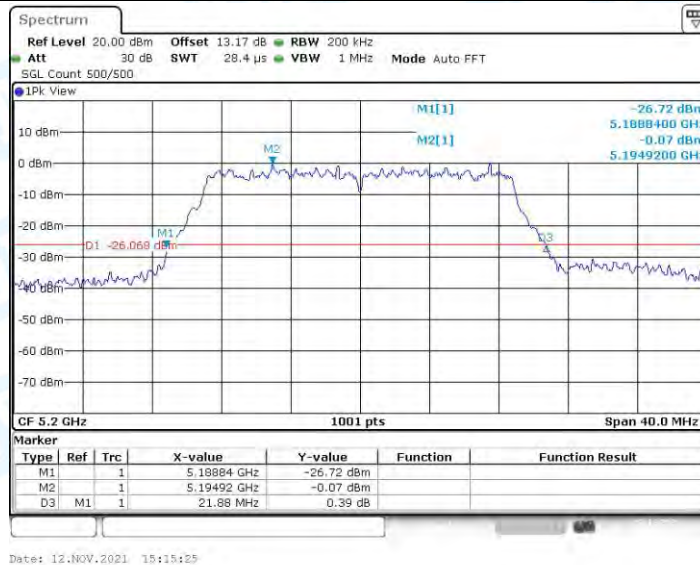
## 11AC20MIMO\_Ant2\_5180



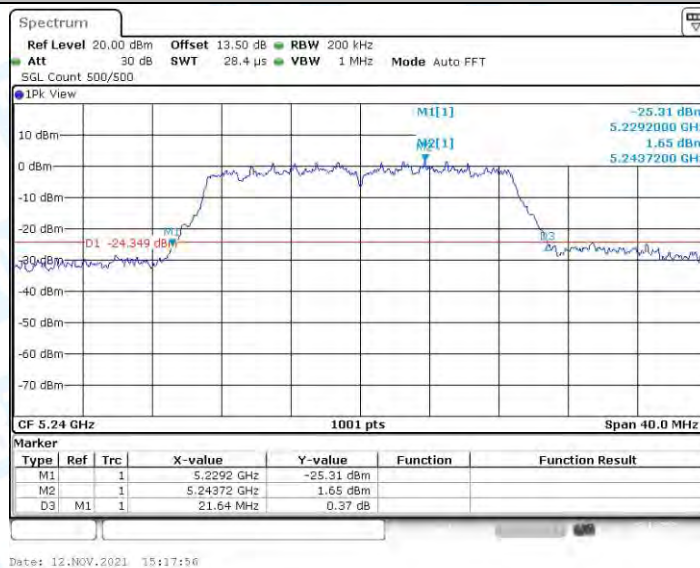
## 11AC20MIMO\_Ant1\_5200



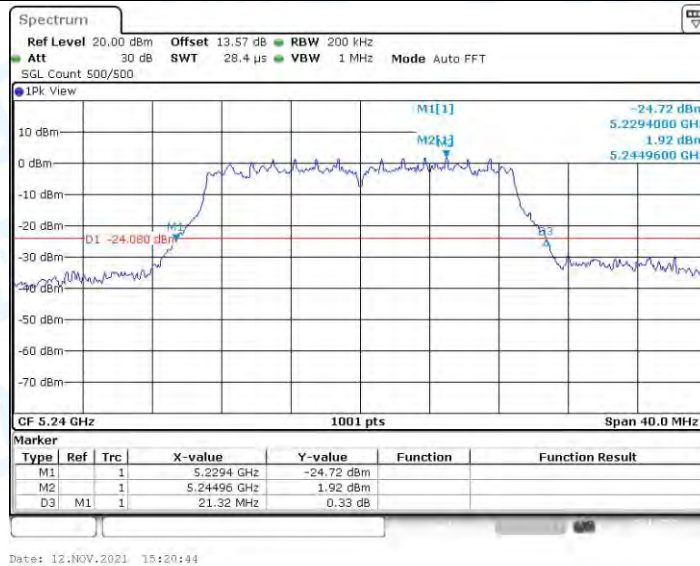
## 11AC20MIMO\_Ant2\_5200



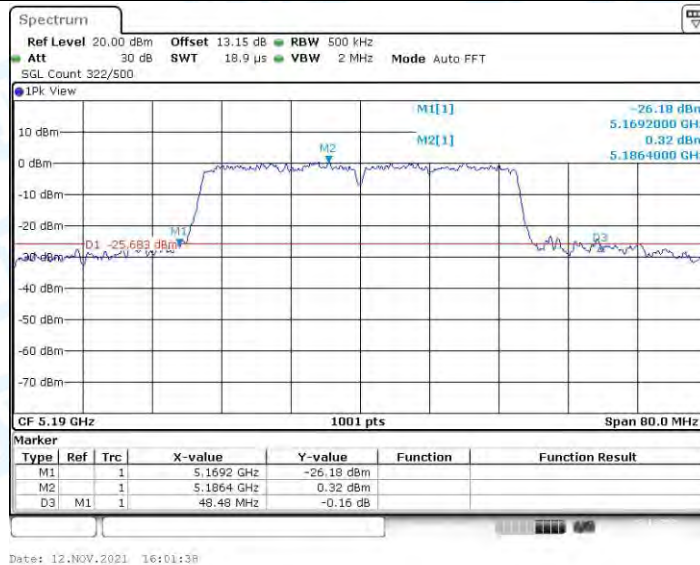
## 11AC20MIMO\_Ant1\_5240



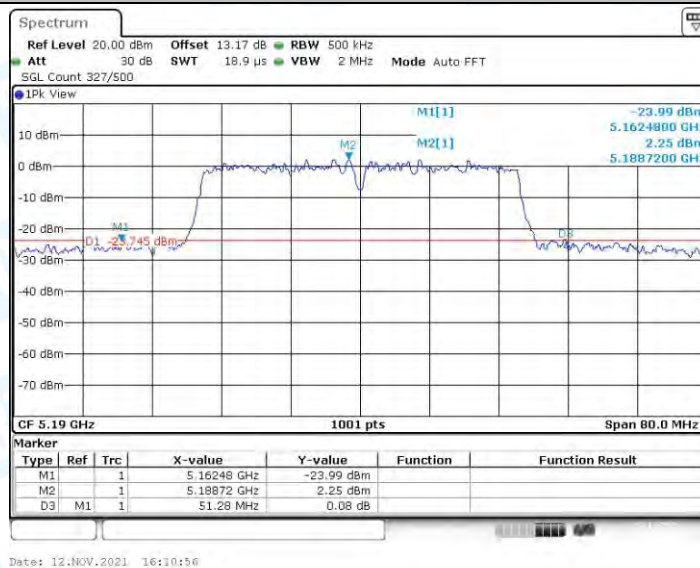
## 11AC20MIMO\_Ant2\_5240



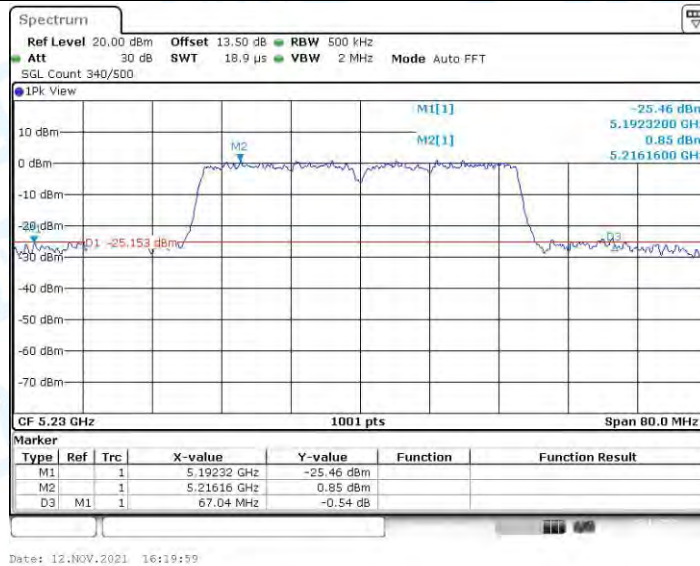
## 11AC40MIMO\_Ant1\_5190



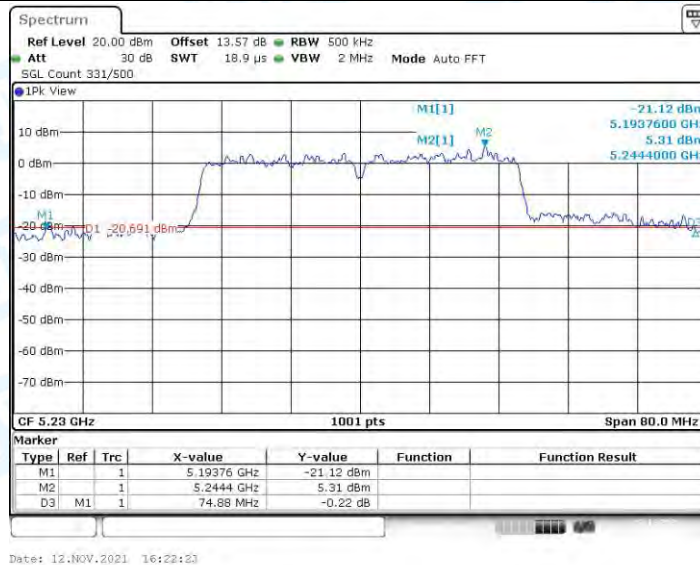
## 11AC40MIMO\_Ant2\_5190



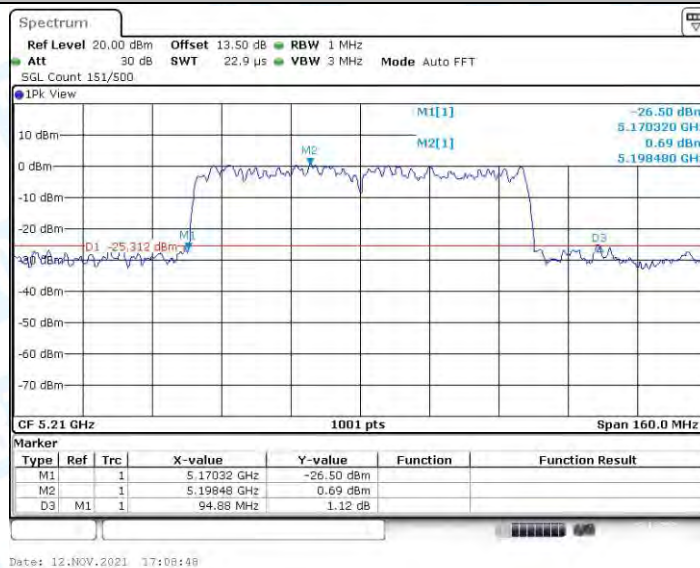
## 11AC40MIMO\_Ant1\_5230

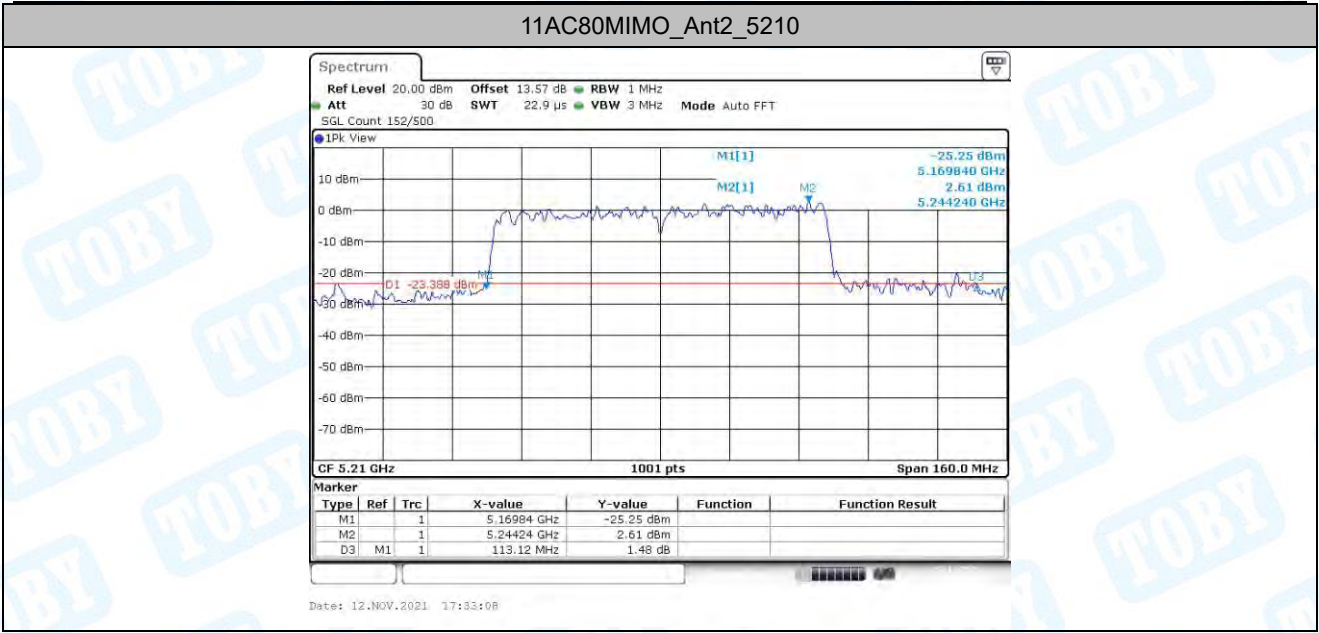


## 11AC40MIMO\_Ant2\_5230



## 11AC80MIMO\_Ant1\_5210





## 2. Occupied channel bandwidth

### 2.1. Test Result

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|----------|----------|------------|---------|
| 11A-CDD    | Ant1    | 5180    | 18.142    | 5171.049 | 5189.191 | ---        | PASS    |
|            | Ant2    | 5180    | 17.303    | 5171.369 | 5188.671 | ---        | PASS    |
|            | Ant1    | 5200    | 18.222    | 5191.049 | 5209.271 | ---        | PASS    |
|            | Ant2    | 5200    | 17.423    | 5191.369 | 5208.791 | ---        | PASS    |
|            | Ant1    | 5240    | 18.422    | 5231.049 | 5249.471 | ---        | PASS    |
|            | Ant2    | 5240    | 17.463    | 5231.329 | 5248.791 | ---        | PASS    |
|            | Ant1    | 5745    | 17.822    | 5736.089 | 5753.911 | ---        | PASS    |
|            | Ant2    | 5745    | 27.732    | 5730.215 | 5757.947 | ---        | PASS    |
|            | Ant1    | 5785    | 29.291    | 5769.975 | 5799.266 | ---        | PASS    |
|            | Ant2    | 5785    | 20.899    | 5774.291 | 5795.190 | ---        | PASS    |
|            | Ant1    | 5825    | 25.534    | 5812.093 | 5837.627 | ---        | PASS    |
|            | Ant2    | 5825    | 17.862    | 5816.169 | 5834.031 | ---        | PASS    |
| 11N20MIMO  | Ant1    | 5180    | 18.142    | 5171.009 | 5189.151 | ---        | PASS    |
|            | Ant2    | 5180    | 19.66     | 5170.849 | 5190.509 | ---        | PASS    |
|            | Ant1    | 5200    | 18.741    | 5190.929 | 5209.670 | ---        | PASS    |
|            | Ant2    | 5200    | 21.419    | 5190.649 | 5212.068 | ---        | PASS    |
|            | Ant1    | 5240    | 22.338    | 5230.250 | 5252.587 | ---        | PASS    |
|            | Ant2    | 5240    | 22.098    | 5230.090 | 5252.188 | ---        | PASS    |
|            | Ant1    | 5745    | 30.45     | 5729.615 | 5760.065 | ---        | PASS    |
|            | Ant2    | 5745    | 25.015    | 5731.853 | 5756.868 | ---        | PASS    |
|            | Ant1    | 5785    | 29.251    | 5770.175 | 5799.426 | ---        | PASS    |
|            | Ant2    | 5785    | 19.9      | 5774.810 | 5794.710 | ---        | PASS    |
|            | Ant1    | 5825    | 27.213    | 5810.934 | 5838.147 | ---        | PASS    |
|            | Ant2    | 5825    | 18.422    | 5815.809 | 5834.231 | ---        | PASS    |
| 11N40MIMO  | Ant1    | 5190    | 36.923    | 5171.538 | 5208.462 | ---        | PASS    |
|            | Ant2    | 5190    | 37.243    | 5171.299 | 5208.541 | ---        | PASS    |
|            | Ant1    | 5230    | 37.483    | 5211.299 | 5248.781 | ---        | PASS    |
|            | Ant2    | 5230    | 39.481    | 5211.299 | 5250.779 | ---        | PASS    |
|            | Ant1    | 5755    | 61.379    | 5723.991 | 5785.370 | ---        | PASS    |
|            | Ant2    | 5755    | 50.989    | 5723.352 | 5774.341 | ---        | PASS    |
|            | Ant1    | 5795    | 60.18     | 5763.751 | 5823.931 | ---        | PASS    |
|            | Ant2    | 5795    | 37.163    | 5776.379 | 5813.541 | ---        | PASS    |
| 11AC20MIMO | Ant1    | 5180    | 18.661    | 5170.609 | 5189.271 | ---        | PASS    |
|            | Ant2    | 5180    | 18.342    | 5170.849 | 5189.191 | ---        | PASS    |
|            | Ant1    | 5200    | 18.781    | 5190.490 | 5209.271 | ---        | PASS    |
|            | Ant2    | 5200    | 18.142    | 5190.929 | 5209.071 | ---        | PASS    |
|            | Ant1    | 5240    | 18.741    | 5230.689 | 5249.431 | ---        | PASS    |
|            | Ant2    | 5240    | 18.262    | 5230.969 | 5249.231 | ---        | PASS    |
|            | Ant1    | 5745    | 19.381    | 5735.250 | 5754.630 | ---        | PASS    |
|            | Ant2    | 5745    | 19.54     | 5734.890 | 5754.431 | ---        | PASS    |
|            | Ant1    | 5785    | 19.86     | 5775.130 | 5794.990 | ---        | PASS    |
|            | Ant2    | 5785    | 18.941    | 5775.450 | 5794.391 | ---        | PASS    |

|            |      |      |         |          |          |     |      |
|------------|------|------|---------|----------|----------|-----|------|
|            | Ant1 | 5825 | 19.74   | 5815.090 | 5834.830 | --- | PASS |
|            | Ant2 | 5825 | 18.342  | 5815.729 | 5834.071 | --- | PASS |
| 11AC40MIMO | Ant1 | 5190 | 36.843  | 5171.538 | 5208.382 | --- | PASS |
|            | Ant2 | 5190 | 36.923  | 5171.459 | 5208.382 | --- | PASS |
|            | Ant1 | 5230 | 37.083  | 5211.379 | 5248.462 | --- | PASS |
|            | Ant2 | 5230 | 39.321  | 5211.538 | 5250.859 | --- | PASS |
|            | Ant1 | 5755 | 62.577  | 5722.872 | 5785.450 | --- | PASS |
|            | Ant2 | 5755 | 52.827  | 5723.511 | 5776.339 | --- | PASS |
|            | Ant1 | 5795 | 51.069  | 5768.706 | 5819.775 | --- | PASS |
|            | Ant2 | 5795 | 37.083  | 5776.459 | 5813.541 | --- | PASS |
| 11AC80MIMO | Ant1 | 5210 | 76.563  | 5171.958 | 5248.521 | --- | PASS |
|            | Ant2 | 5210 | 76.883  | 5171.958 | 5248.841 | --- | PASS |
|            | Ant1 | 5775 | 117.483 | 5712.662 | 5830.145 | --- | PASS |
|            | Ant2 | 5775 | 80.879  | 5732.802 | 5813.681 | --- | PASS |

## 2.2. Test Graphs



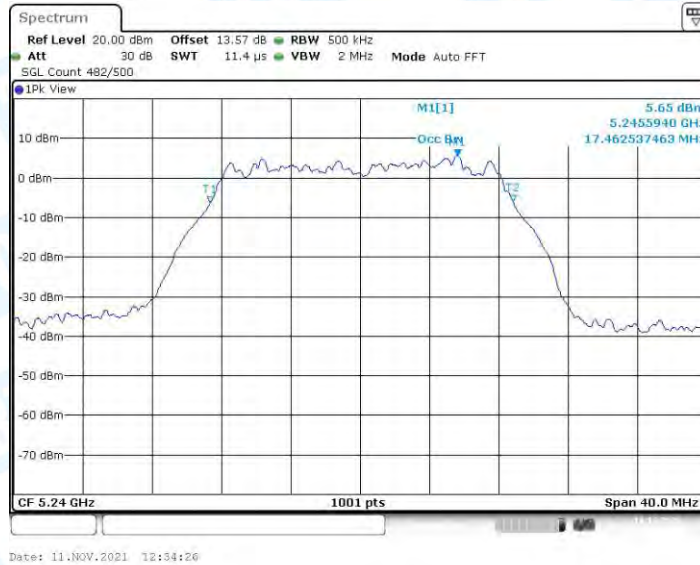
## 11A-CDD\_Ant2\_5200



## 11A-CDD\_Ant1\_5240



## 11A-CDD\_Ant2\_5240



## 11A-CDD\_Ant1\_5745



## 11A-CDD\_Ant2\_5745



## 11A-CDD\_Ant1\_5785



## 11A-CDD\_Ant2\_5785



## 11A-CDD\_Ant1\_5825



## 11A-CDD\_Ant2\_5825



## 11N20MIMO\_Ant1\_5180



## 11N20MIMO\_Ant2\_5180



## 11N20MIMO\_Ant1\_5200



## 11N20MIMO\_Ant2\_5200



## 11N20MIMO\_Ant1\_5240



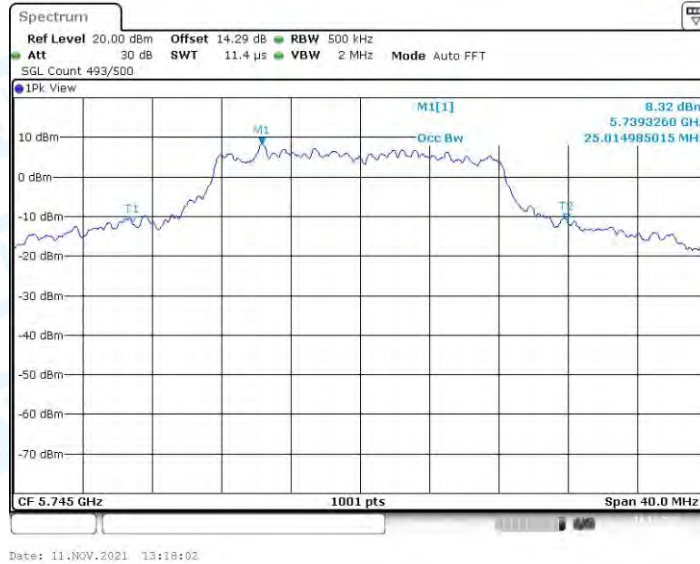
## 11N20MIMO\_Ant2\_5240



## 11N20MIMO\_Ant1\_5745



## 11N20MIMO\_Ant2\_5745



## 11N20MIMO\_Ant1\_5785



## 11N20MIMO\_Ant2\_5785



## 11N20MIMO\_Ant1\_5825



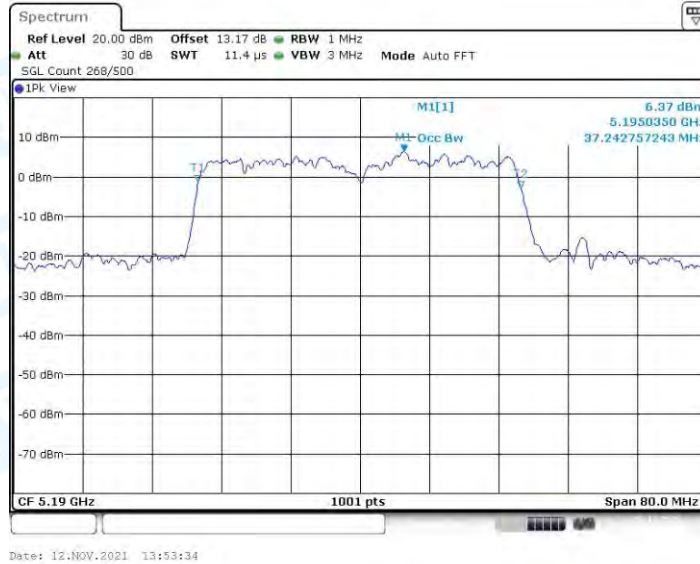
## 11N20MIMO\_Ant2\_5825



## 11N40MIMO\_Ant1\_5190



## 11N40MIMO\_Ant2\_5190



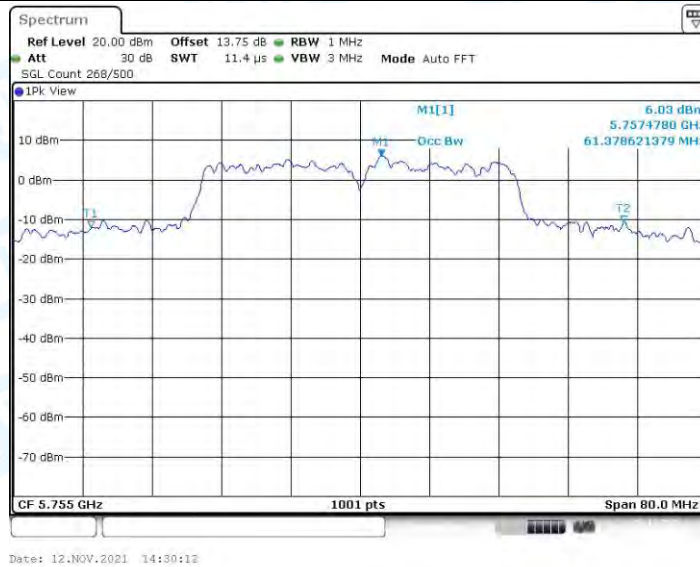
## 11N40MIMO\_Ant1\_5230



## 11N40MIMO\_Ant2\_5230



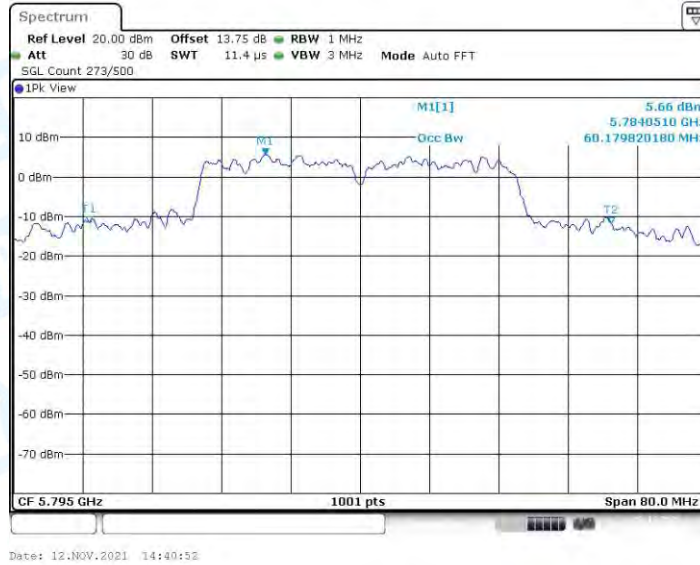
## 11N40MIMO\_Ant1\_5755



## 11N40MIMO\_Ant2\_5755



## 11N40MIMO\_Ant1\_5795



## 11N40MIMO\_Ant2\_5795



## 11AC20MIMO\_Ant1\_5180



## 11AC20MIMO\_Ant2\_5180



## 11AC20MIMO\_Ant1\_5200



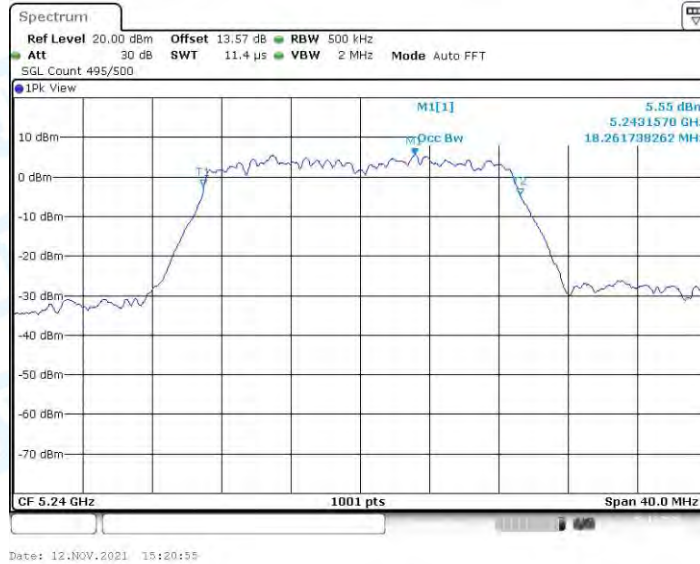
## 11AC20MIMO\_Ant2\_5200



## 11AC20MIMO\_Ant1\_5240



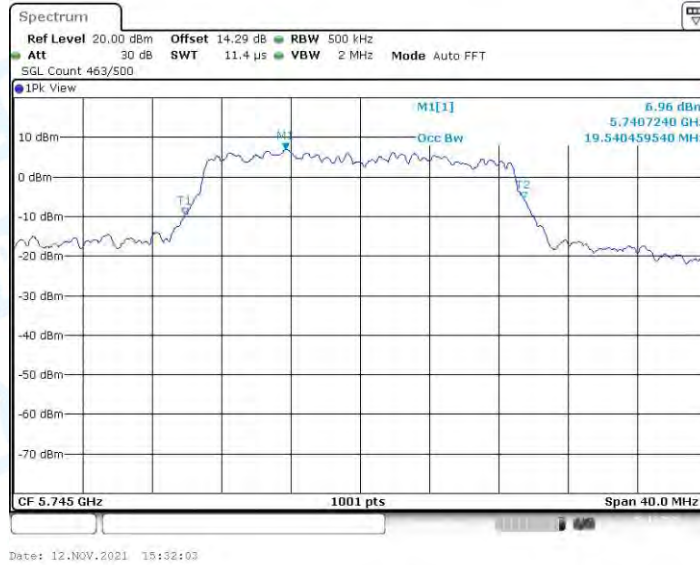
## 11AC20MIMO\_Ant2\_5240



## 11AC20MIMO\_Ant1\_5745



## 11AC20MIMO\_Ant2\_5745



## 11AC20MIMO\_Ant1\_5785



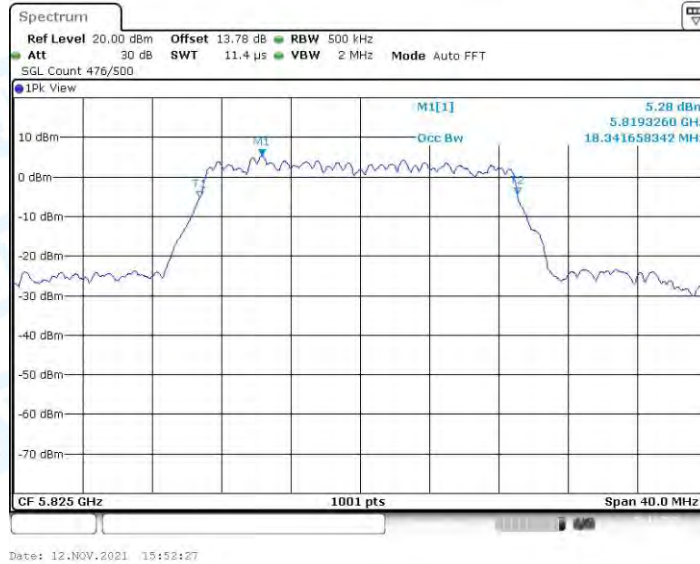
## 11AC20MIMO\_Ant2\_5785



## 11AC20MIMO\_Ant1\_5825



## 11AC20MIMO\_Ant2\_5825



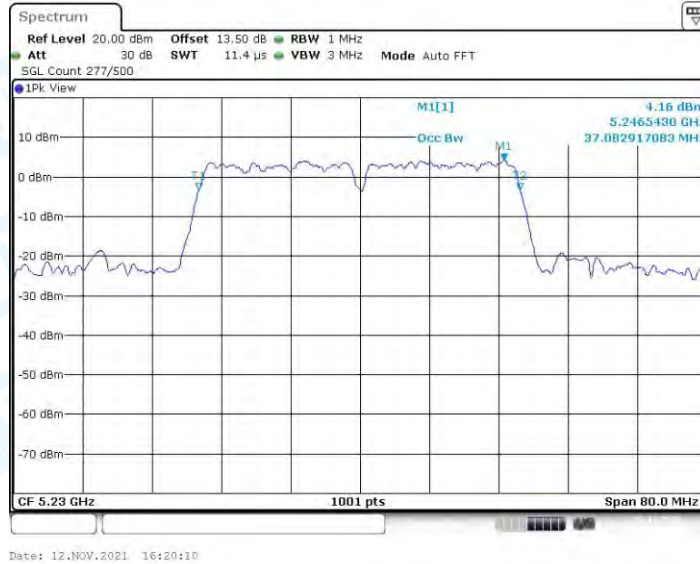
## 11AC40MIMO\_Ant1\_5190



## 11AC40MIMO\_Ant2\_5190



## 11AC40MIMO\_Ant1\_5230



## 11AC40MIMO\_Ant2\_5230



## 11AC40MIMO\_Ant1\_5755



## 11AC40MIMO\_Ant2\_5755



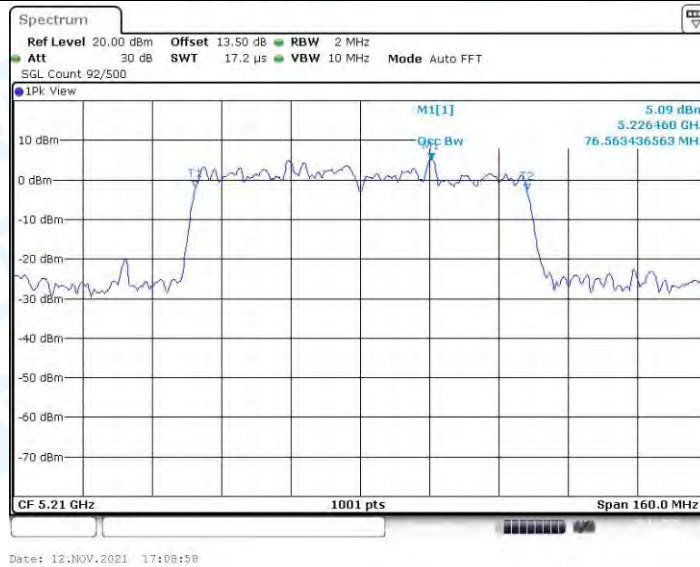
## 11AC40MIMO\_Ant1\_5795



## 11AC40MIMO\_Ant2\_5795



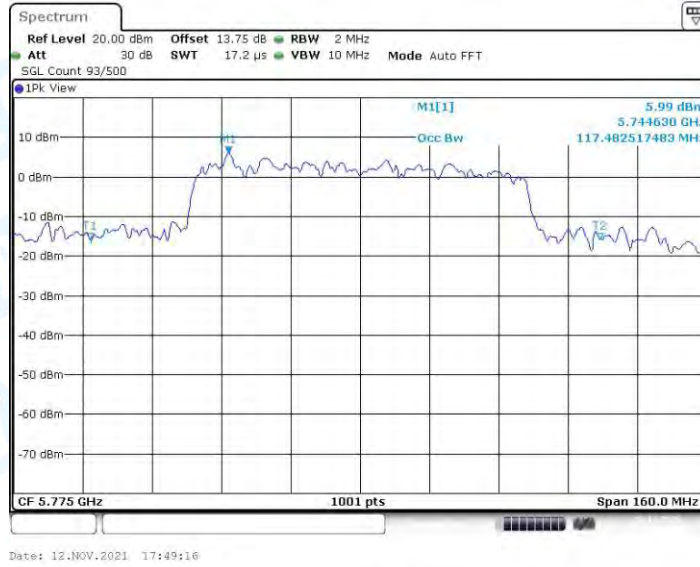
## 11AC80MIMO\_Ant1\_5210



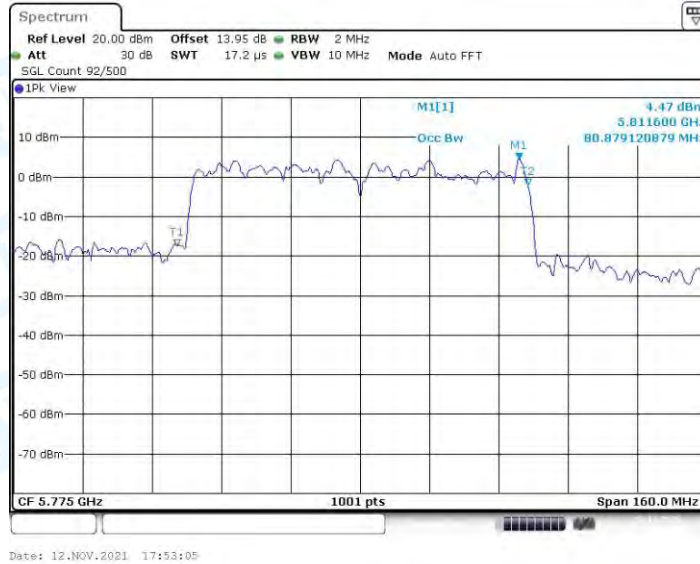
## 11AC80MIMO\_Ant2\_5210



## 11AC80MIMO\_Ant1\_5775



## 11AC80MIMO\_Ant2\_5775

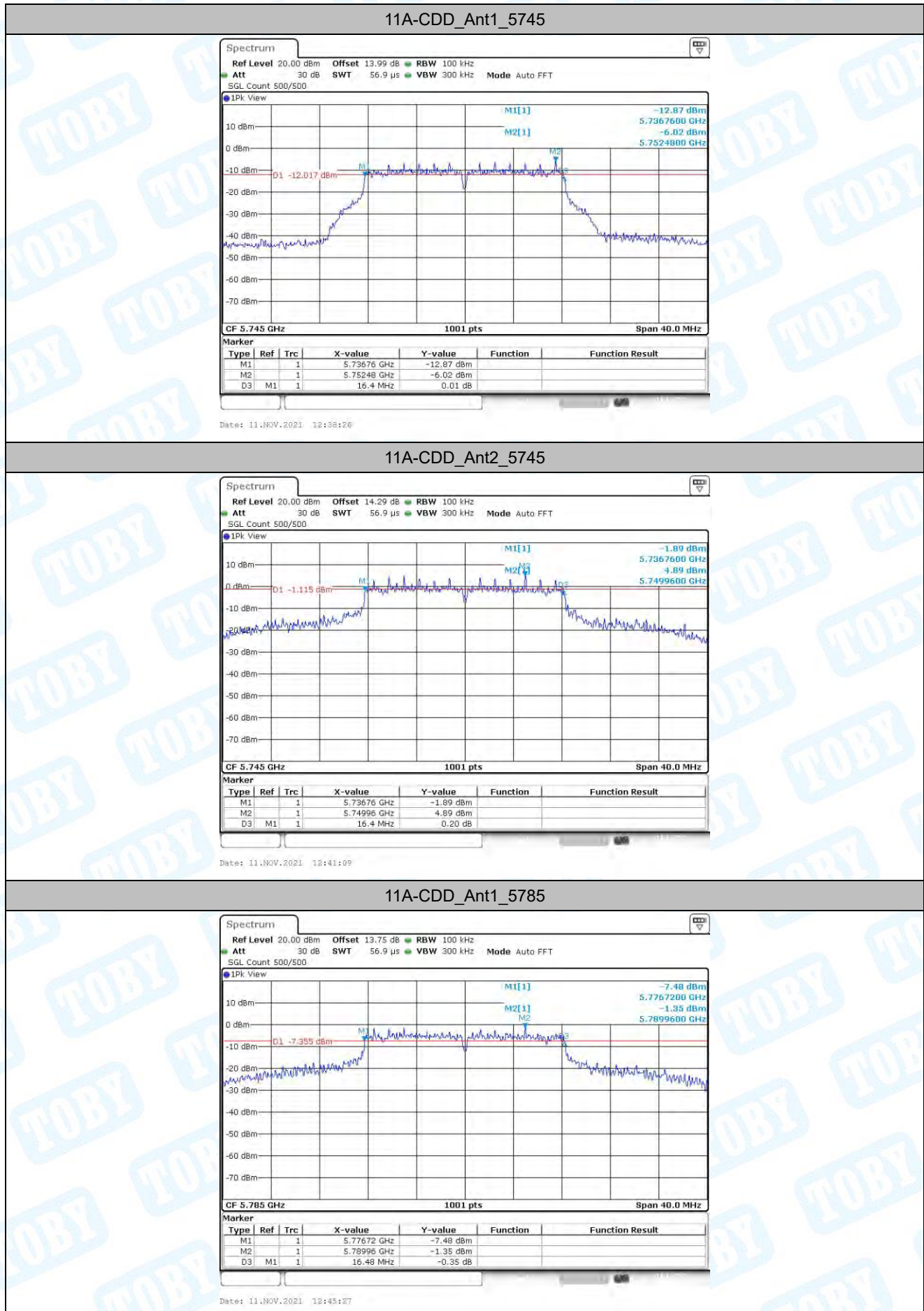


### 3. Min emission bandwidth

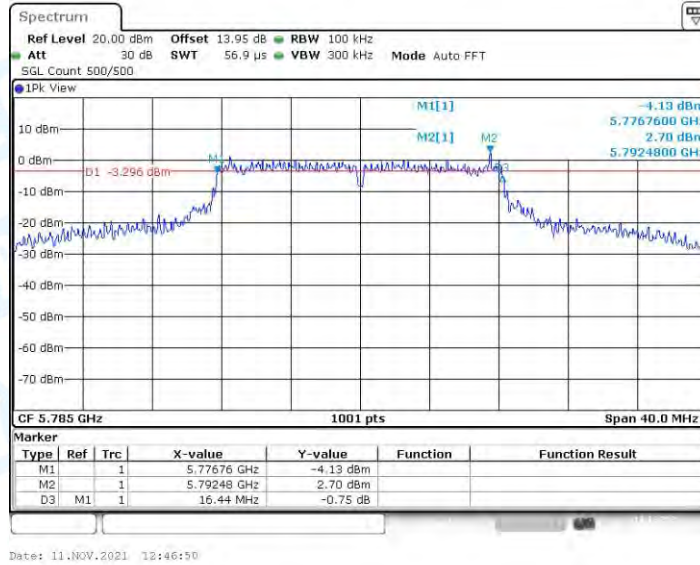
#### 3.1. Test Result

| TestMode   | Antenna | Channel | 6db EBW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|----------|----------|------------|---------|
| 11A-CDD    | Ant1    | 5745    | 16.400        | 5736.760 | 5753.160 | 0.5        | PASS    |
|            | Ant2    | 5745    | 16.400        | 5736.760 | 5753.160 | 0.5        | PASS    |
|            | Ant1    | 5785    | 16.480        | 5776.720 | 5793.200 | 0.5        | PASS    |
|            | Ant2    | 5785    | 16.440        | 5776.760 | 5793.200 | 0.5        | PASS    |
|            | Ant1    | 5825    | 16.440        | 5816.760 | 5833.200 | 0.5        | PASS    |
|            | Ant2    | 5825    | 16.400        | 5816.800 | 5833.200 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5745    | 16.400        | 5736.760 | 5753.160 | 0.5        | PASS    |
|            | Ant2    | 5745    | 16.520        | 5736.640 | 5753.160 | 0.5        | PASS    |
|            | Ant1    | 5785    | 16.440        | 5776.720 | 5793.160 | 0.5        | PASS    |
|            | Ant2    | 5785    | 16.400        | 5776.760 | 5793.160 | 0.5        | PASS    |
|            | Ant1    | 5825    | 16.400        | 5816.760 | 5833.160 | 0.5        | PASS    |
|            | Ant2    | 5825    | 16.440        | 5816.720 | 5833.160 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5755    | 36.480        | 5736.680 | 5773.160 | 0.5        | PASS    |
|            | Ant2    | 5755    | 36.480        | 5736.680 | 5773.160 | 0.5        | PASS    |
|            | Ant1    | 5795    | 36.560        | 5776.680 | 5813.240 | 0.5        | PASS    |
|            | Ant2    | 5795    | 36.560        | 5776.680 | 5813.240 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5745    | 17.680        | 5736.120 | 5753.800 | 0.5        | PASS    |
|            | Ant2    | 5745    | 17.280        | 5736.120 | 5753.400 | 0.5        | PASS    |
|            | Ant1    | 5785    | 17.680        | 5776.120 | 5793.800 | 0.5        | PASS    |
|            | Ant2    | 5785    | 17.680        | 5776.120 | 5793.800 | 0.5        | PASS    |
|            | Ant1    | 5825    | 17.640        | 5816.160 | 5833.800 | 0.5        | PASS    |
|            | Ant2    | 5825    | 17.680        | 5816.120 | 5833.800 | 0.5        | PASS    |
| 11AC40MIMO | Ant1    | 5755    | 35.920        | 5736.680 | 5772.600 | 0.5        | PASS    |
|            | Ant2    | 5755    | 35.920        | 5736.680 | 5772.600 | 0.5        | PASS    |
|            | Ant1    | 5795    | 36.480        | 5776.760 | 5813.240 | 0.5        | PASS    |
|            | Ant2    | 5795    | 36.480        | 5776.760 | 5813.240 | 0.5        | PASS    |
| 11AC80MIMO | Ant1    | 5775    | 75.520        | 5737.240 | 5812.760 | 0.5        | PASS    |
|            | Ant2    | 5775    | 76.160        | 5736.600 | 5812.760 | 0.5        | PASS    |

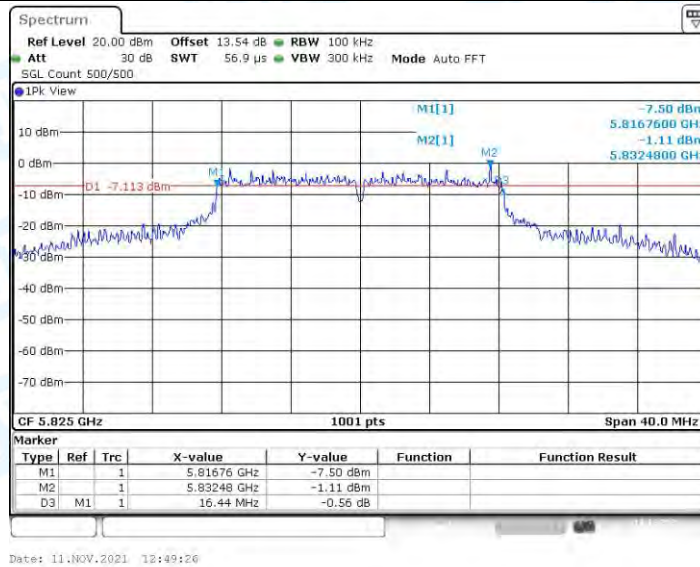
## 3.2. Test Graphs



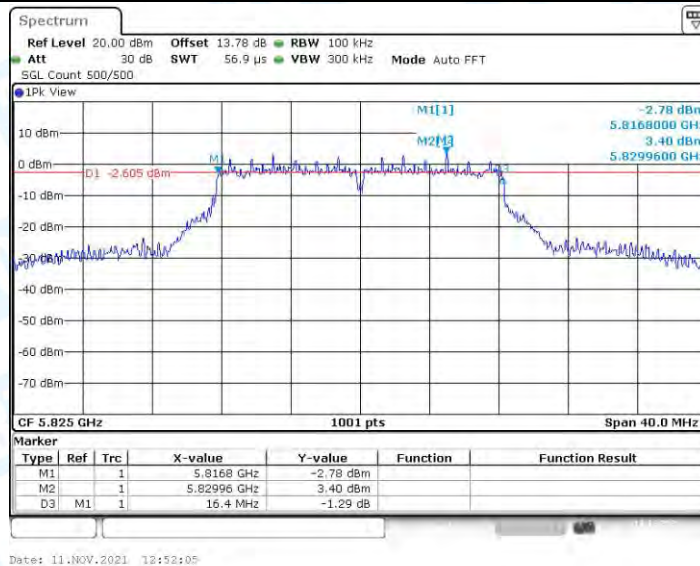
## 11A-CDD\_Ant2\_5785



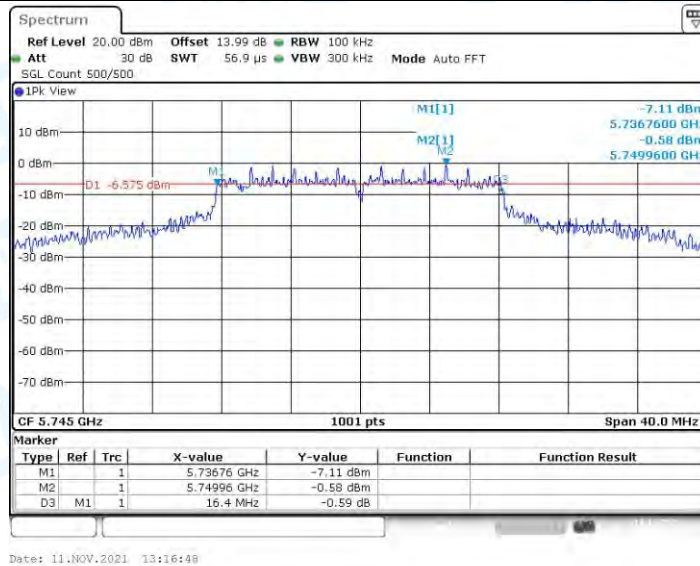
## 11A-CDD\_Ant1\_5825



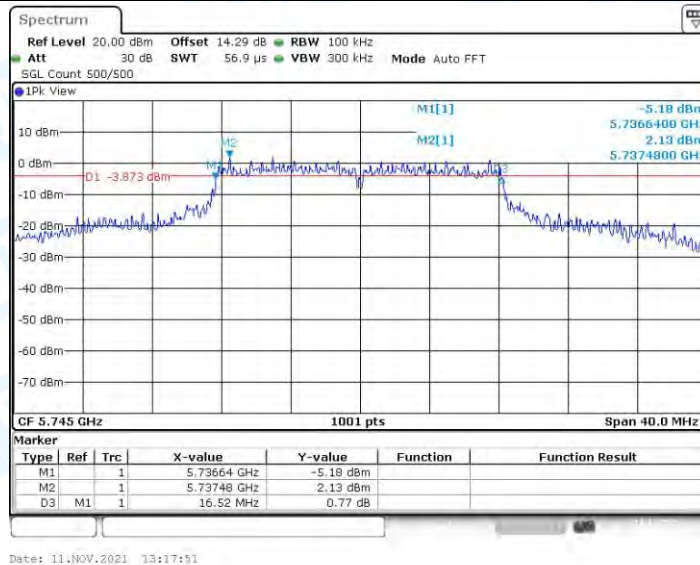
## 11A-CDD\_Ant2\_5825



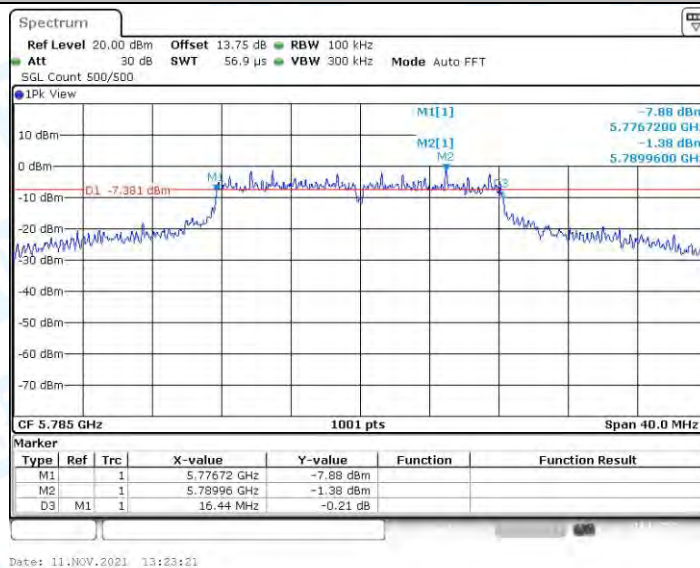
## 11N20MIMO\_Ant1\_5745



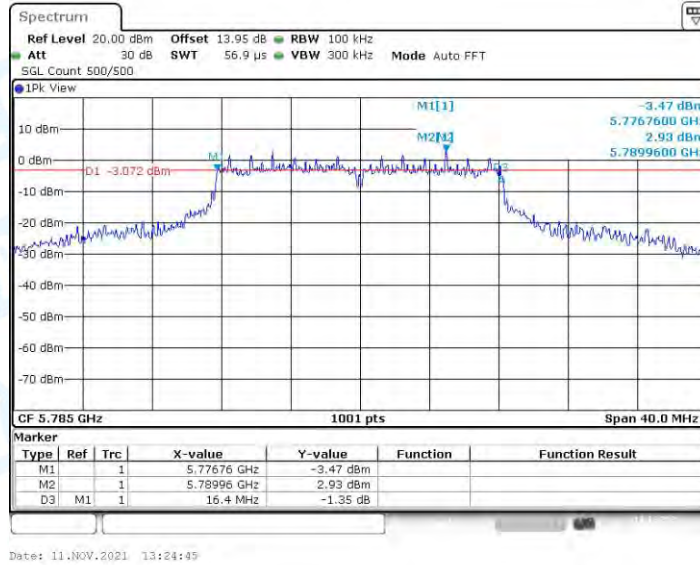
## 11N20MIMO\_Ant2\_5745



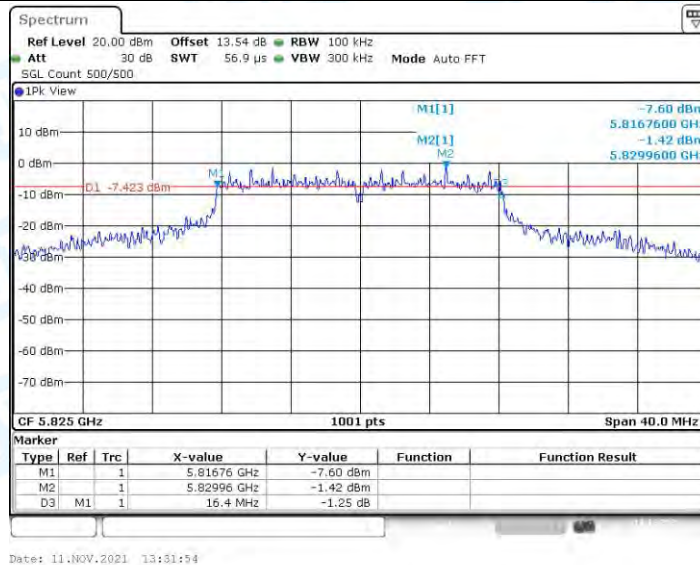
## 11N20MIMO\_Ant1\_5785



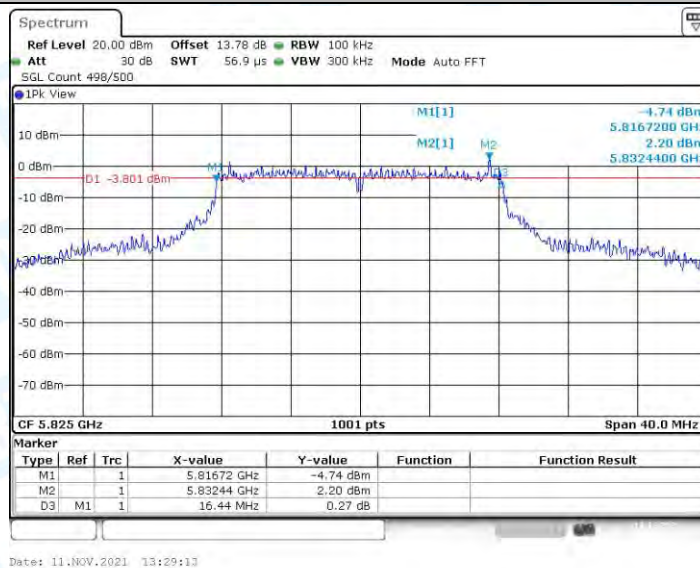
## 11N20MIMO\_Ant2\_5785



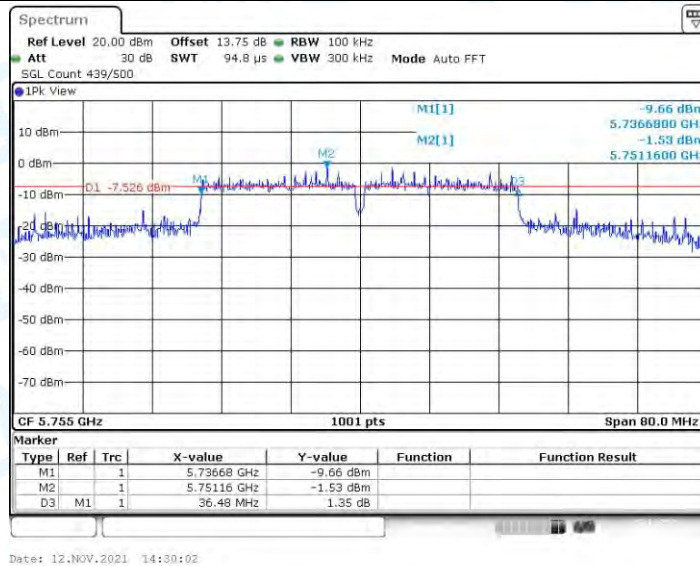
## 11N20MIMO\_Ant1\_5825



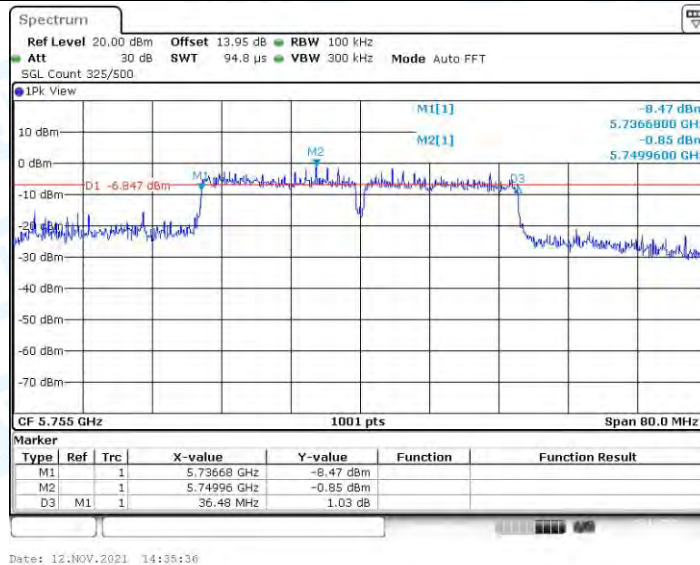
## 11N20MIMO\_Ant2\_5825



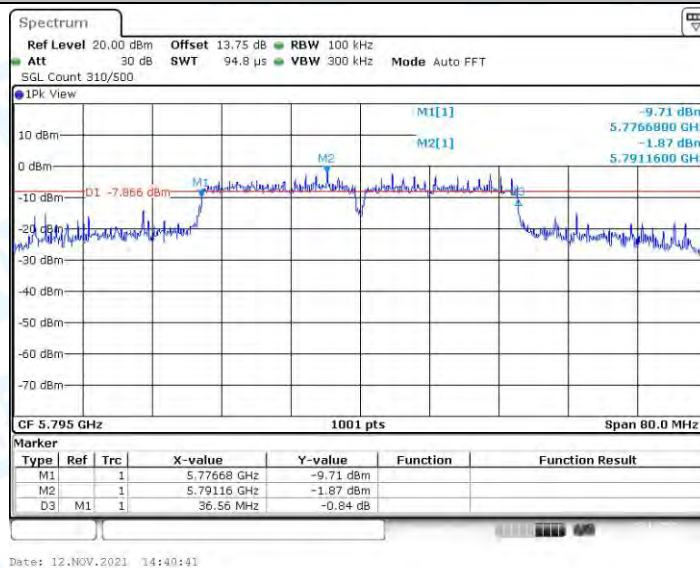
## 11N40MIMO\_Ant1\_5755



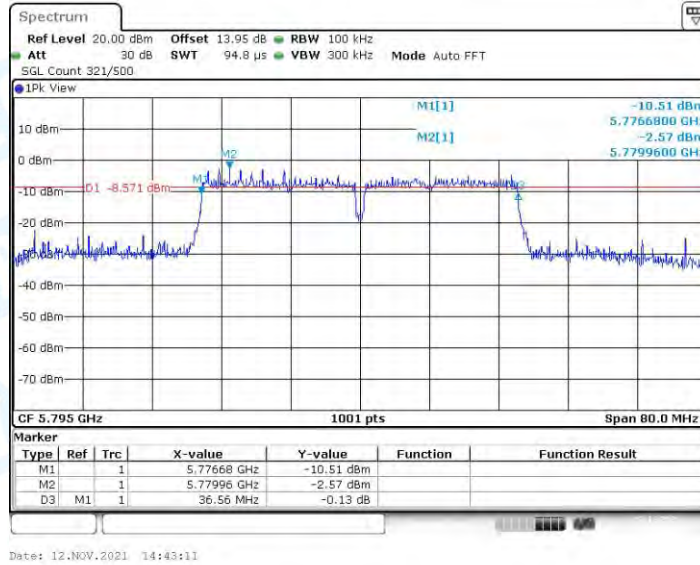
## 11N40MIMO\_Ant2\_5755



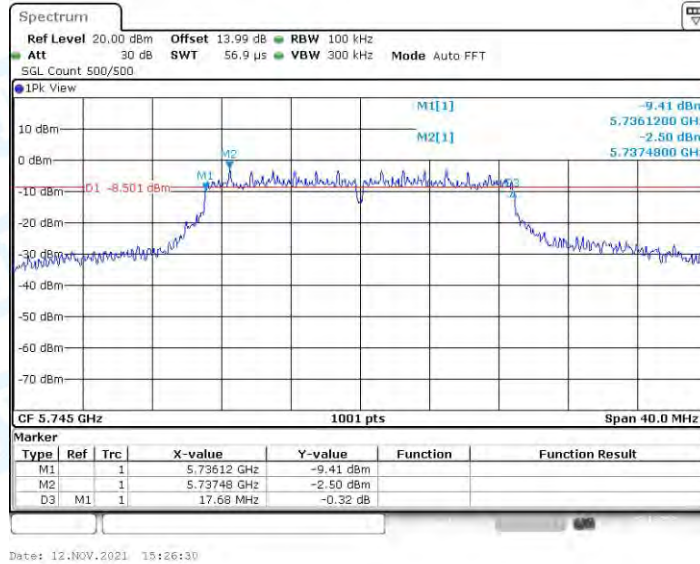
## 11N40MIMO\_Ant1\_5795



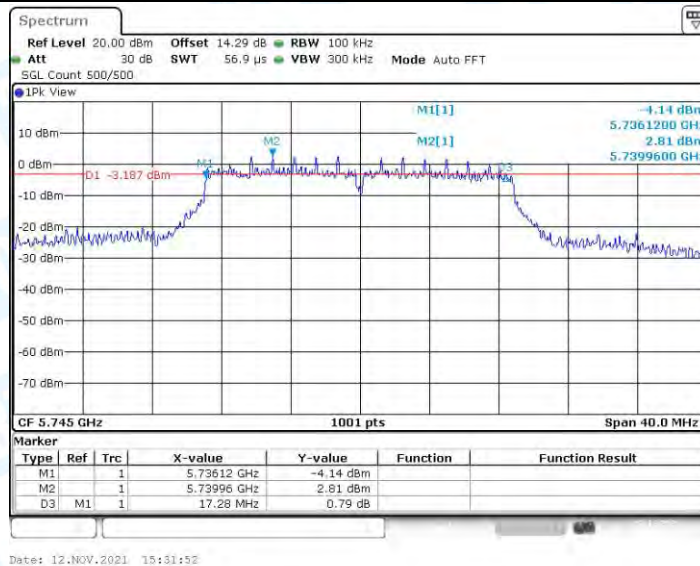
## 11N40MIMO\_Ant2\_5795



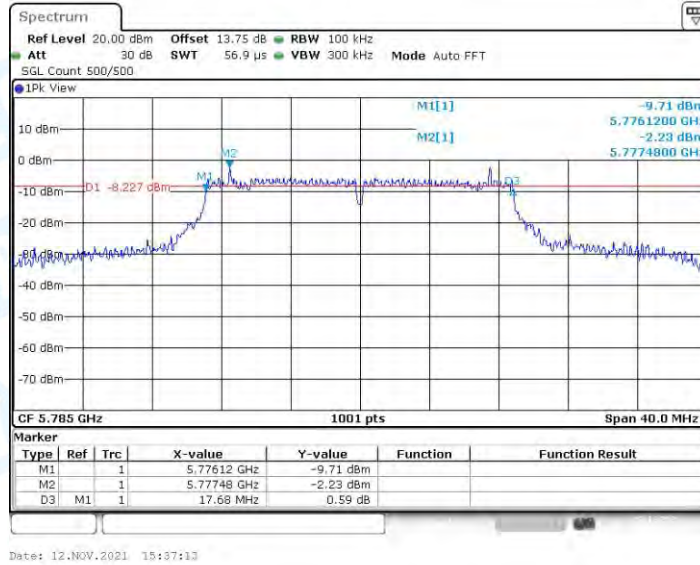
## 11AC20MIMO\_Ant1\_5745



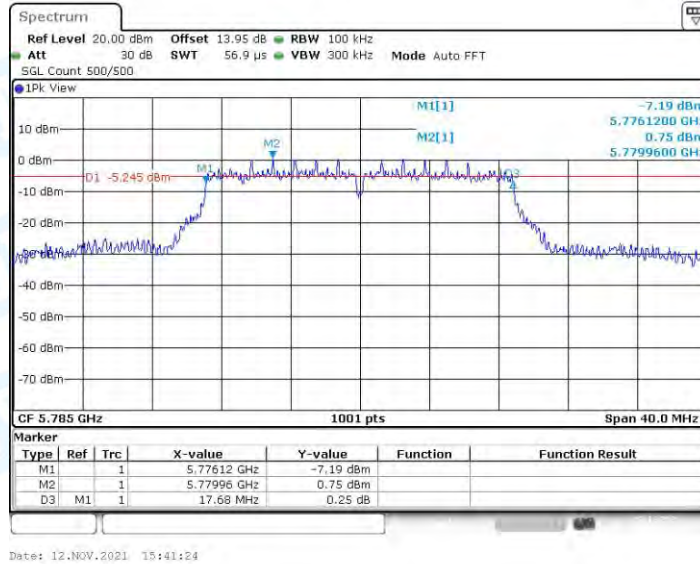
## 11AC20MIMO\_Ant2\_5745



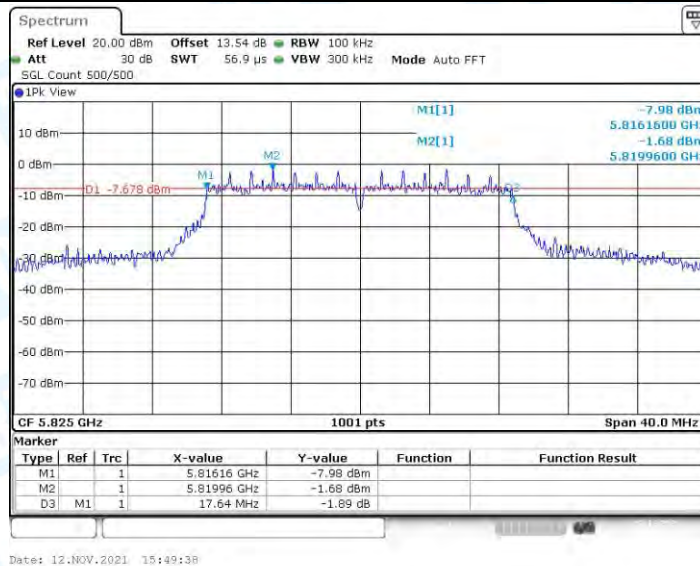
## 11AC20MIMO\_Ant1\_5785



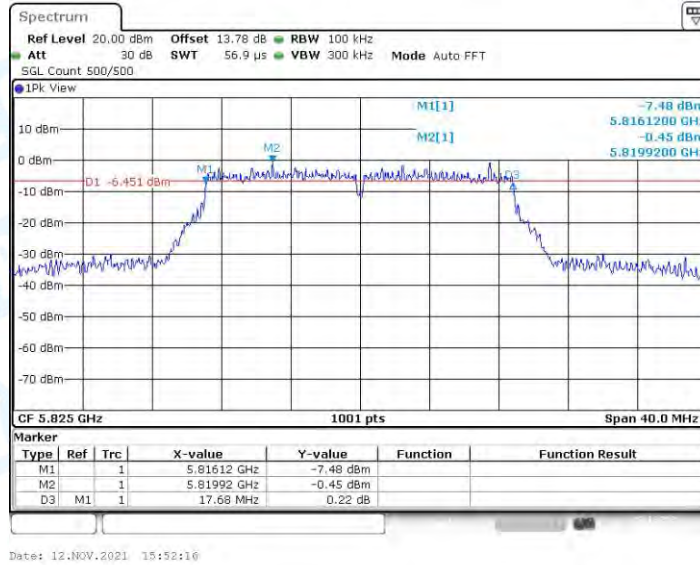
## 11AC20MIMO\_Ant2\_5785



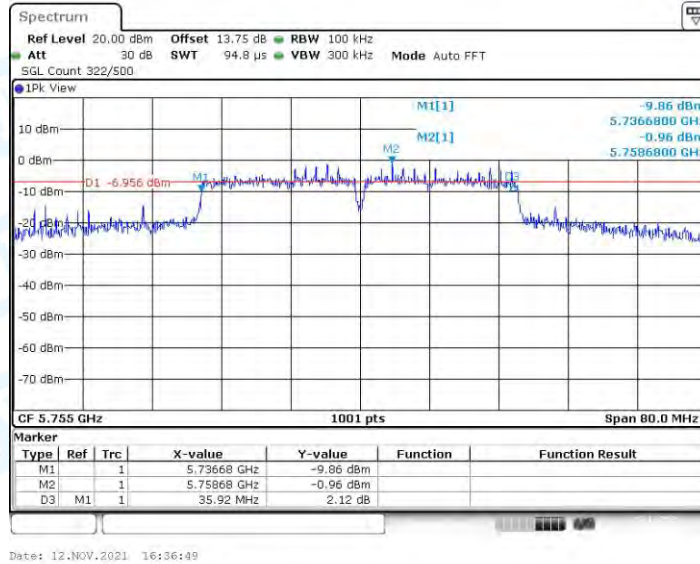
## 11AC20MIMO\_Ant1\_5825



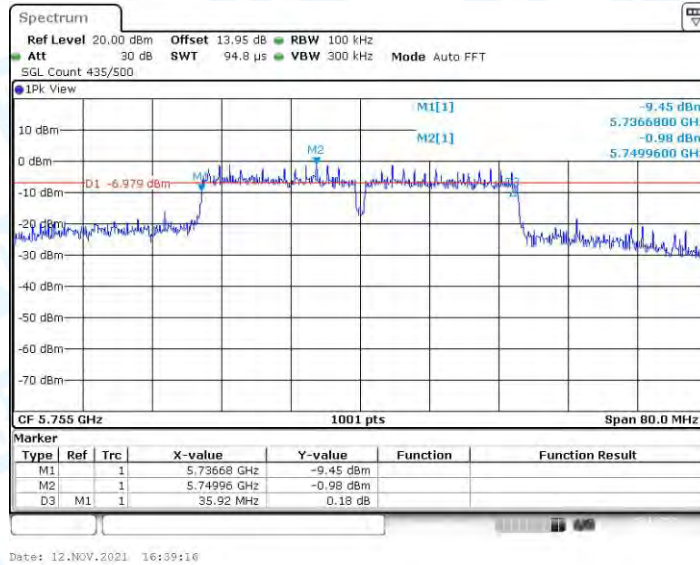
## 11AC20MIMO\_Ant2\_5825



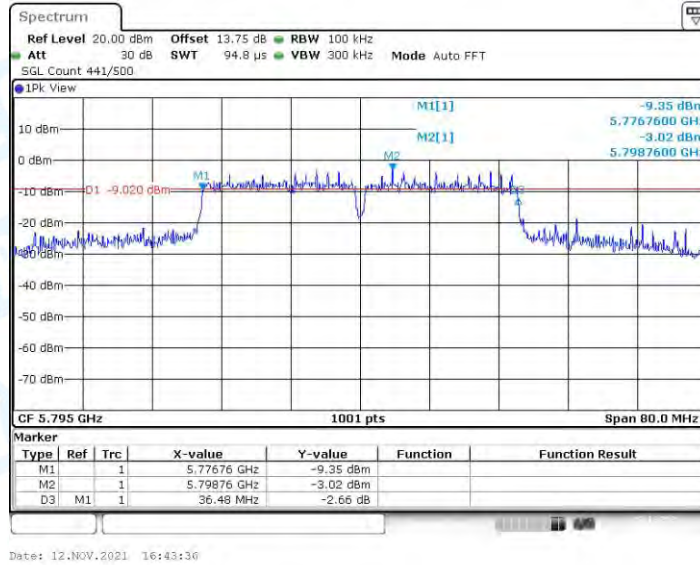
## 11AC40MIMO\_Ant1\_5755



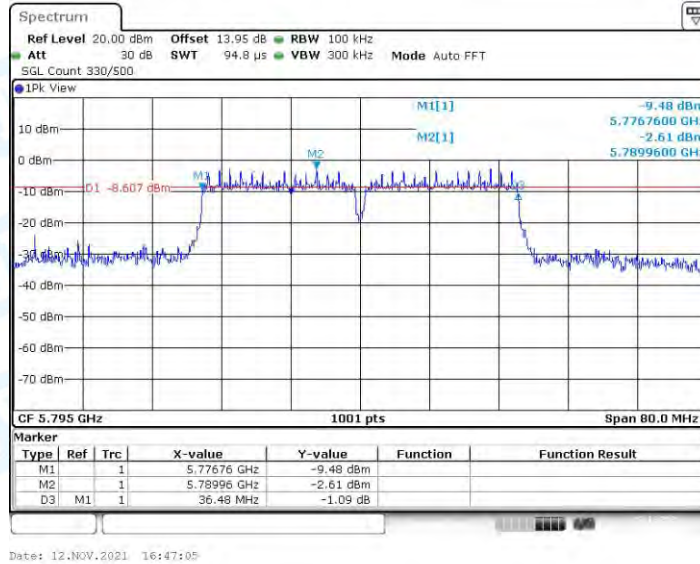
## 11AC40MIMO\_Ant2\_5755



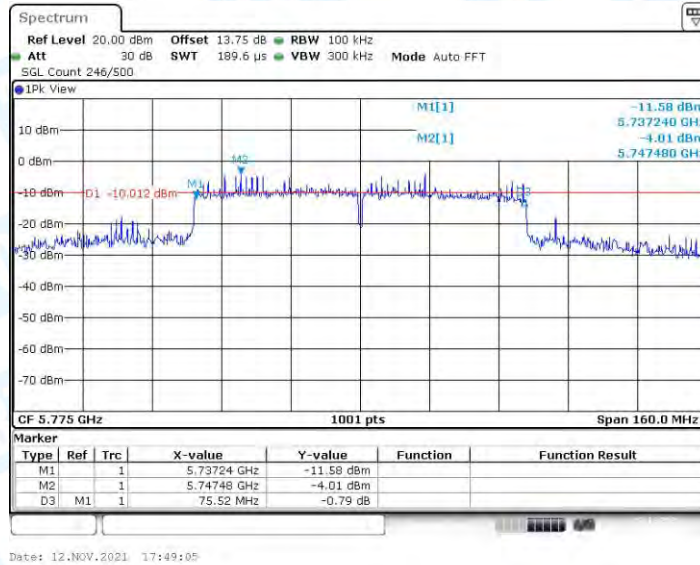
## 11AC40MIMO\_Ant1\_5795

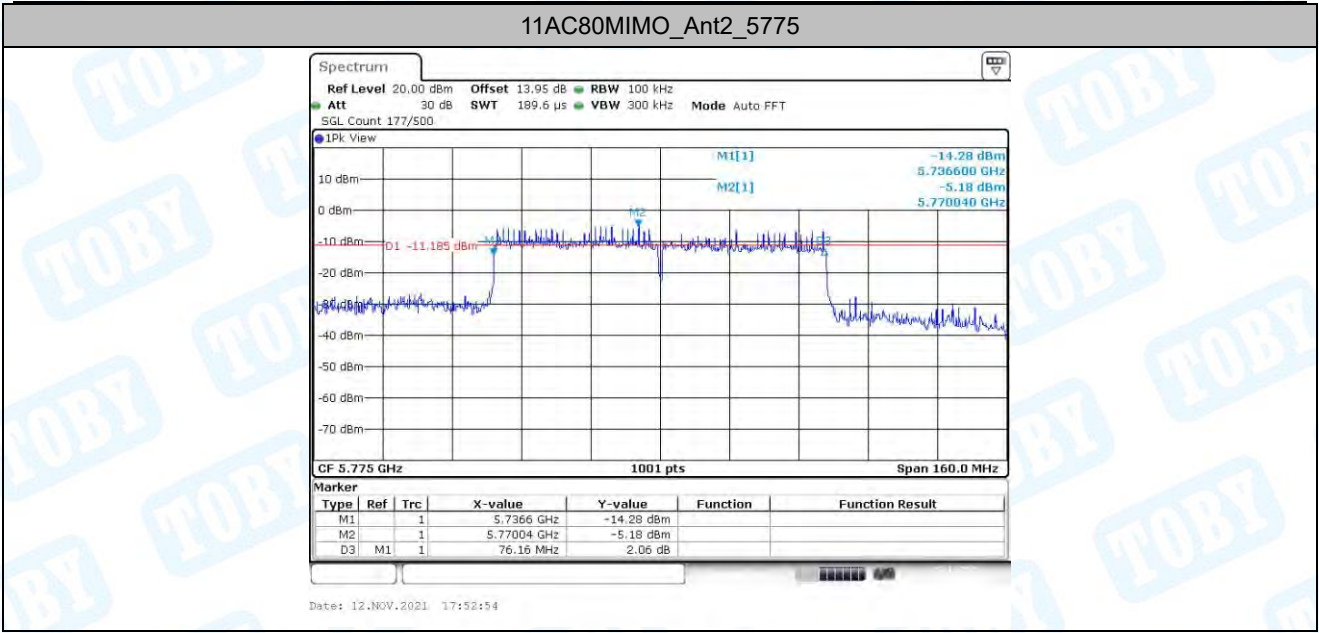


## 11AC40MIMO\_Ant2\_5795



## 11AC80MIMO\_Ant1\_5775





## 4. Maximum conducted output power

### 4.1. Test Result

| TestMode  | Antenna | Channel | Conducted power [dBm] | Limit [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-----------------------|-------------|------------|-------------|---------|
| 11A-CDD   | Ant1    | 5180    | 9.99                  | ≤23.98      | 11.99      | ≤22.59      | PASS    |
|           | Ant2    | 5180    | 9.77                  | ≤23.98      | 11.77      | ≤22.38      | PASS    |
|           | total   | 5180    | 12.9                  | ≤23.98      | 14.9       | ≤22.38      | PASS    |
|           | Ant1    | 5200    | 10.92                 | ≤23.98      | 12.92      | ≤22.61      | PASS    |
|           | Ant2    | 5200    | 9.81                  | ≤23.98      | 11.81      | ≤22.41      | PASS    |
|           | total   | 5200    | 13.4                  | ≤23.98      | 15.4       | ≤22.41      | PASS    |
|           | Ant1    | 5240    | 9.86                  | ≤23.98      | 11.86      | ≤22.65      | PASS    |
|           | Ant2    | 5240    | 10.92                 | ≤23.98      | 12.92      | ≤22.42      | PASS    |
|           | total   | 5240    | 13.4                  | ≤23.98      | 15.4       | ≤22.42      | PASS    |
|           | Ant1    | 5745    | 10.48                 | ≤30         | 12.48      | ---         | PASS    |
|           | Ant2    | 5745    | 14.59                 | ≤30         | 16.59      | ---         | PASS    |
|           | total   | 5745    | 16.0                  | ≤30         | 18.0       | ---         | PASS    |
|           | Ant1    | 5785    | 10.30                 | ≤30         | 12.30      | ---         | PASS    |
|           | Ant2    | 5785    | 13.66                 | ≤30         | 15.66      | ---         | PASS    |
|           | total   | 5785    | 15.3                  | ≤30         | 17.3       | ---         | PASS    |
|           | Ant1    | 5825    | 10.19                 | ≤30         | 12.19      | ---         | PASS    |
|           | Ant2    | 5825    | 13.96                 | ≤30         | 15.96      | ---         | PASS    |
|           | total   | 5825    | 15.5                  | ≤30         | 17.5       | ---         | PASS    |
| 11N20MIMO | Ant1    | 5180    | 5.86                  | ≤23.98      | 7.86       | ≤22.59      | PASS    |
|           | Ant2    | 5180    | 14.35                 | ≤23.98      | 16.35      | ≤22.94      | PASS    |
|           | total   | 5180    | 14.9                  | ≤23.98      | 16.9       | ≤22.94      | PASS    |
|           | Ant1    | 5200    | 7.27                  | ≤23.98      | 9.27       | ≤22.73      | PASS    |
|           | Ant2    | 5200    | 15.00                 | ≤23.98      | 17.0       | ≤23         | PASS    |
|           | total   | 5200    | 15.7                  | ≤23.98      | 17.7       | ≤23         | PASS    |
|           | Ant1    | 5240    | 9.31                  | ≤23.98      | 11.31      | ≤23         | PASS    |
|           | Ant2    | 5240    | 16.34                 | ≤23.98      | 18.34      | ≤23         | PASS    |
|           | total   | 5240    | 17.13                 | ≤23.98      | 19.13      | ≤23         | PASS    |
|           | Ant1    | 5745    | 9.75                  | ≤30         | 11.75      | ---         | PASS    |
|           | Ant2    | 5745    | 13.70                 | ≤30         | 15.70      | ---         | PASS    |
|           | total   | 5745    | 15.2                  | ≤30         | 17.2       | ---         | PASS    |
|           | Ant1    | 5785    | 9.44                  | ≤30         | 11.44      | ---         | PASS    |
|           | Ant2    | 5785    | 13.07                 | ≤30         | 15.07      | ---         | PASS    |
|           | total   | 5785    | 14.6                  | ≤30         | 16.6       | ---         | PASS    |
|           | Ant1    | 5825    | 9.40                  | ≤30         | 11.40      | ---         | PASS    |
|           | Ant2    | 5825    | 13.40                 | ≤30         | 15.40      | ---         | PASS    |
|           | total   | 5825    | 14.9                  | ≤30         | 16.9       | ---         | PASS    |
| 11N40MIMO | Ant1    | 5190    | 12.00                 | ≤23.98      | 14.00      | ≤23         | PASS    |
|           | Ant2    | 5190    | 12.00                 | ≤23.98      | 14.00      | ≤23         | PASS    |
|           | total   | 5190    | 15.0                  | ≤23.98      | 17.0       | ≤23         | PASS    |
|           | Ant1    | 5230    | 15.57                 | ≤23.98      | 17.57      | ≤23         | PASS    |

|                |       |      |       |        |       |        |      |
|----------------|-------|------|-------|--------|-------|--------|------|
|                | Ant2  | 5230 | 8.79  | ≤23.98 | 10.79 | ≤23    | PASS |
|                | total | 5230 | 16.4  | ≤23.98 | 18.4  | ≤23    | PASS |
|                | Ant1  | 5755 | 11.80 | ≤30    | 13.80 | ---    | PASS |
|                | Ant2  | 5755 | 12.43 | ≤30    | 14.43 | ---    | PASS |
|                | total | 5755 | 15.1  | ≤30    | 17.1  | ---    | PASS |
|                | Ant1  | 5795 | 11.97 | ≤30    | 13.97 | ---    | PASS |
|                | Ant2  | 5795 | 11.37 | ≤30    | 13.37 | ---    | PASS |
|                | total | 5795 | 14.7  | ≤30    | 16.7  | ---    | PASS |
| 11AC20MIM<br>O | Ant1  | 5180 | 11.73 | ≤23.98 | 13.73 | ≤22.71 | PASS |
|                | Ant2  | 5180 | 10.75 | ≤23.98 | 12.75 | ≤22.63 | PASS |
|                | total | 5180 | 14.3  | ≤23.98 | 16.3  | ≤22.63 | PASS |
|                | Ant1  | 5200 | 11.47 | ≤23.98 | 13.47 | ≤22.74 | PASS |
|                | Ant2  | 5200 | 10.23 | ≤23.98 | 12.23 | ≤22.59 | PASS |
|                | total | 5200 | 13.9  | ≤23.98 | 15.9  | ≤22.59 | PASS |
|                | Ant1  | 5240 | 11.60 | ≤23.98 | 13.60 | ≤22.73 | PASS |
|                | Ant2  | 5240 | 11.47 | ≤23.98 | 13.47 | ≤22.62 | PASS |
|                | total | 5240 | 14.5  | ≤23.98 | 16.5  | ≤22.62 | PASS |
|                | Ant1  | 5745 | 8.89  | ≤30    | 10.89 | ---    | PASS |
|                | Ant2  | 5745 | 13.10 | ≤30    | 15.10 | ---    | PASS |
|                | total | 5745 | 14.5  | ≤30    | 16.5  | ---    | PASS |
|                | Ant1  | 5785 | 8.73  | ≤30    | 10.73 | ---    | PASS |
|                | Ant2  | 5785 | 11.28 | ≤30    | 13.28 | ---    | PASS |
|                | total | 5785 | 13.2  | ≤30    | 15.2  | ---    | PASS |
|                | Ant1  | 5825 | 10.42 | ≤30    | 12.42 | ---    | PASS |
|                | Ant2  | 5825 | 10.87 | ≤30    | 12.87 | ---    | PASS |
|                | total | 5825 | 13.7  | ≤30    | 15.7  | ---    | PASS |
| 11AC40MIM<br>O | Ant1  | 5190 | 11.05 | ≤23.98 | 13.05 | ≤23    | PASS |
|                | Ant2  | 5190 | 11.59 | ≤23.98 | 13.59 | ≤23    | PASS |
|                | total | 5190 | 14.3  | ≤23.98 | 16.3  | ≤23    | PASS |
|                | Ant1  | 5230 | 11.38 | ≤23.98 | 13.38 | ≤23    | PASS |
|                | Ant2  | 5230 | 13.37 | ≤23.98 | 15.37 | ≤23    | PASS |
|                | total | 5230 | 15.5  | ≤23.98 | 17.5  | ≤23    | PASS |
|                | Ant1  | 5755 | 11.99 | ≤30    | 13.99 | ---    | PASS |
|                | Ant2  | 5755 | 12.15 | ≤30    | 14.15 | ---    | PASS |
|                | total | 5755 | 15.1  | ≤30    | 17.1  | ---    | PASS |
|                | Ant1  | 5795 | 10.80 | ≤30    | 12.80 | ---    | PASS |
|                | Ant2  | 5795 | 10.79 | ≤30    | 12.79 | ---    | PASS |
|                | total | 5795 | 13.8  | ≤30    | 15.8  | ---    | PASS |
| 11AC80MIM<br>O | Ant1  | 5210 | 10.84 | ≤23.98 | 12.84 | ≤23    | PASS |
|                | Ant2  | 5210 | 12.03 | ≤23.98 | 14.03 | ≤23    | PASS |
|                | total | 5210 | 14.5  | ≤23.98 | 16.5  | ≤23    | PASS |
|                | Ant1  | 5775 | 11.74 | ≤30    | 13.74 | ---    | PASS |
|                | Ant2  | 5775 | 9.74  | ≤30    | 11.74 | ---    | PASS |
|                | total | 5775 | 13.9  | ≤30    | 15.9  | ---    | PASS |

Note: The Duty Cycle Factor is compensated in the graph.

## 5. Maximum power spectral density

### 5.1. Test Result

| TestMode  | Antenna | Channel | Power<br>[dBm/MHz] | Limit<br>[dBm/MHz] | EIRP<br>[dBm/MHz] | Limit<br>[dBm/MHz] | Verdict |
|-----------|---------|---------|--------------------|--------------------|-------------------|--------------------|---------|
| 11A-CDD   | Ant1    | 5180    | -1.09              | ≤11                | 0.91              | ≤10                | PASS    |
|           | Ant2    | 5180    | -1.39              | ≤11                | 0.61              | ≤10                | PASS    |
|           | total   | 5180    | 1.77               | ≤11                | 3.77              | ≤10                | PASS    |
|           | Ant1    | 5200    | -0.61              | ≤11                | 1.39              | ≤10                | PASS    |
|           | Ant2    | 5200    | -1.29              | ≤11                | 0.71              | ≤10                | PASS    |
|           | total   | 5200    | 2.07               | ≤11                | 4.07              | ≤10                | PASS    |
|           | Ant1    | 5240    | -0.99              | ≤11                | 1.01              | ≤10                | PASS    |
|           | Ant2    | 5240    | -0.28              | ≤11                | 1.72              | ≤10                | PASS    |
|           | total   | 5240    | 2.39               | ≤11                | 4.39              | ≤10                | PASS    |
|           | Ant1    | 5745    | -3.53              | ≤30                | ---               | ---                | PASS    |
|           | Ant2    | 5745    | 0.52               | ≤30                | ---               | ---                | PASS    |
|           | total   | 5745    | 1.96               | ≤30                | ---               | ---                | PASS    |
|           | Ant1    | 5785    | -3.38              | ≤30                | ---               | ---                | PASS    |
|           | Ant2    | 5785    | -0.39              | ≤30                | ---               | ---                | PASS    |
|           | total   | 5785    | 1.38               | ≤30                | ---               | ---                | PASS    |
|           | Ant1    | 5825    | -4                 | ≤30                | ---               | ---                | PASS    |
|           | Ant2    | 5825    | 0.38               | ≤30                | ---               | ---                | PASS    |
|           | total   | 5825    | 1.73               | ≤30                | ---               | ---                | PASS    |
| 11N20MIMO | Ant1    | 5180    | -5.06              | ≤11                | -3.06             | ≤10                | PASS    |
|           | Ant2    | 5180    | 3.42               | ≤11                | 5.42              | ≤10                | PASS    |
|           | total   | 5180    | 4.00               | ≤11                | 6                 | ≤10                | PASS    |
|           | Ant1    | 5200    | -3.72              | ≤11                | -1.72             | ≤10                | PASS    |
|           | Ant2    | 5200    | 4.73               | ≤11                | 6.73              | ≤10                | PASS    |
|           | total   | 5200    | 5.31               | ≤11                | 7.31              | ≤10                | PASS    |
|           | Ant1    | 5240    | -1.95              | ≤11                | 0.05              | ≤10                | PASS    |
|           | Ant2    | 5240    | 5.63               | ≤11                | 7.63              | ≤10                | PASS    |
|           | total   | 5240    | 6.33               | ≤11                | 8.33              | ≤10                | PASS    |
|           | Ant1    | 5745    | -3.81              | ≤30                | ---               | ---                | PASS    |
|           | Ant2    | 5745    | 0.04               | ≤30                | ---               | ---                | PASS    |
|           | total   | 5745    | 1.54               | ≤30                | ---               | ---                | PASS    |
|           | Ant1    | 5785    | -4.51              | ≤30                | ---               | ---                | PASS    |
|           | Ant2    | 5785    | -1.03              | ≤30                | ---               | ---                | PASS    |
|           | total   | 5785    | 0.58               | ≤30                | ---               | ---                | PASS    |
|           | Ant1    | 5825    | -4.68              | ≤30                | ---               | ---                | PASS    |
|           | Ant2    | 5825    | -0.65              | ≤30                | ---               | ---                | PASS    |
|           | total   | 5825    | 0.80               | ≤30                | ---               | ---                | PASS    |
| 11N40MIMO | Ant1    | 5190    | -2.5               | ≤11                | -0.5              | ≤10                | PASS    |
|           | Ant2    | 5190    | -2.21              | ≤11                | -0.21             | ≤10                | PASS    |
|           | total   | 5190    | 0.66               | ≤11                | 2.66              | ≤10                | PASS    |
|           | Ant1    | 5230    | 0.94               | ≤11                | 2.94              | ≤10                | PASS    |
|           | Ant2    | 5230    | -4.95              | ≤11                | -2.95             | ≤10                | PASS    |

|            |       |      |       |     |       |     |      |
|------------|-------|------|-------|-----|-------|-----|------|
|            | total | 5230 | 1.94  | ≤11 | 3.94  | ≤10 | PASS |
|            | Ant1  | 5755 | -5.52 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5755 | -4.71 | ≤30 | ---   | --- | PASS |
|            | total | 5755 | -2.09 | ≤30 | ---   | --- | PASS |
|            | Ant1  | 5795 | -5.36 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5795 | -5.42 | ≤30 | ---   | --- | PASS |
|            | total | 5795 | -2.38 | ≤30 | ---   | --- | PASS |
| 11AC20MIMO | Ant1  | 5180 | 0.29  | ≤11 | 2.29  | ≤10 | PASS |
|            | Ant2  | 5180 | -0.51 | ≤11 | 1.49  | ≤10 | PASS |
|            | total | 5180 | 2.92  | ≤11 | 4.92  | ≤10 | PASS |
|            | Ant1  | 5200 | -0.17 | ≤11 | 1.83  | ≤10 | PASS |
|            | Ant2  | 5200 | -1.18 | ≤11 | 0.82  | ≤10 | PASS |
|            | total | 5200 | 2.36  | ≤11 | 4.36  | ≤10 | PASS |
|            | Ant1  | 5240 | -0.05 | ≤11 | 1.95  | ≤10 | PASS |
|            | Ant2  | 5240 | 0.08  | ≤11 | 2.08  | ≤10 | PASS |
|            | total | 5240 | 3.03  | ≤11 | 5.03  | ≤10 | PASS |
|            | Ant1  | 5745 | -5.66 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5745 | -0.67 | ≤30 | ---   | --- | PASS |
|            | total | 5745 | 0.53  | ≤30 | ---   | --- | PASS |
|            | Ant1  | 5785 | -5.89 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5785 | -3.28 | ≤30 | ---   | --- | PASS |
|            | total | 5785 | -1.38 | ≤30 | ---   | --- | PASS |
|            | Ant1  | 5825 | -5.37 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5825 | -3.11 | ≤30 | ---   | --- | PASS |
|            | total | 5825 | -1.08 | ≤30 | ---   | --- | PASS |
| 11AC40MIMO | Ant1  | 5190 | -3.44 | ≤11 | -1.44 | ≤10 | PASS |
|            | Ant2  | 5190 | -2.76 | ≤11 | -0.76 | ≤10 | PASS |
|            | total | 5190 | -0.08 | ≤11 | 1.92  | ≤10 | PASS |
|            | Ant1  | 5230 | -3.23 | ≤11 | -1.23 | ≤10 | PASS |
|            | Ant2  | 5230 | -0.48 | ≤11 | 1.52  | ≤10 | PASS |
|            | total | 5230 | 1.37  | ≤11 | 3.37  | ≤10 | PASS |
|            | Ant1  | 5755 | -4.94 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5755 | -4.64 | ≤30 | ---   | --- | PASS |
|            | total | 5755 | -1.78 | ≤30 | ---   | --- | PASS |
|            | Ant1  | 5795 | -6.26 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5795 | -6.35 | ≤30 | ---   | --- | PASS |
|            | total | 5795 | -3.29 | ≤30 | ---   | --- | PASS |
| 11AC80MIMO | Ant1  | 5210 | -5.42 | ≤11 | -3.42 | ≤10 | PASS |
|            | Ant2  | 5210 | -4.43 | ≤11 | -2.43 | ≤10 | PASS |
|            | total | 5210 | -1.89 | ≤11 | 0.11  | ≤10 | PASS |
|            | Ant1  | 5775 | -7.84 | ≤30 | ---   | --- | PASS |
|            | Ant2  | 5775 | -9.54 | ≤30 | ---   | --- | PASS |
|            | total | 5775 | -5.60 | ≤30 | ---   | --- | 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.

## 5.2. Test Graphs

11A-CDD\_Ant1\_5180



11A-CDD\_Ant2\_5180



11A-CDD\_Ant1\_5200



## 11A-CDD\_Ant2\_5200



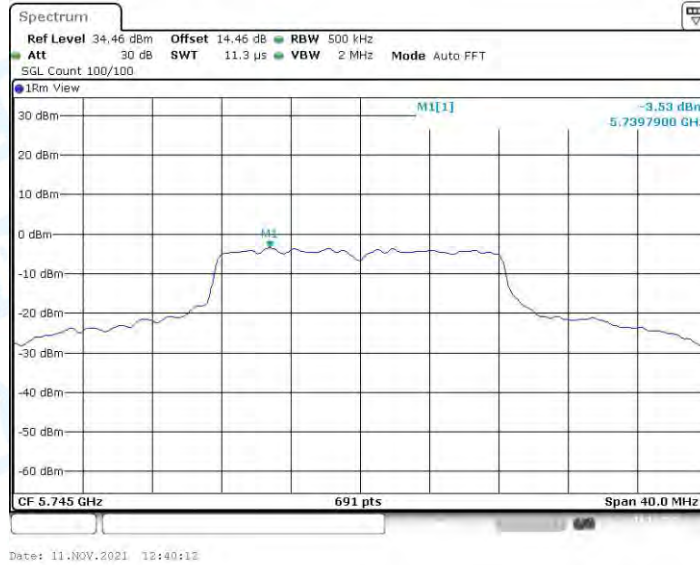
## 11A-CDD\_Ant1\_5240



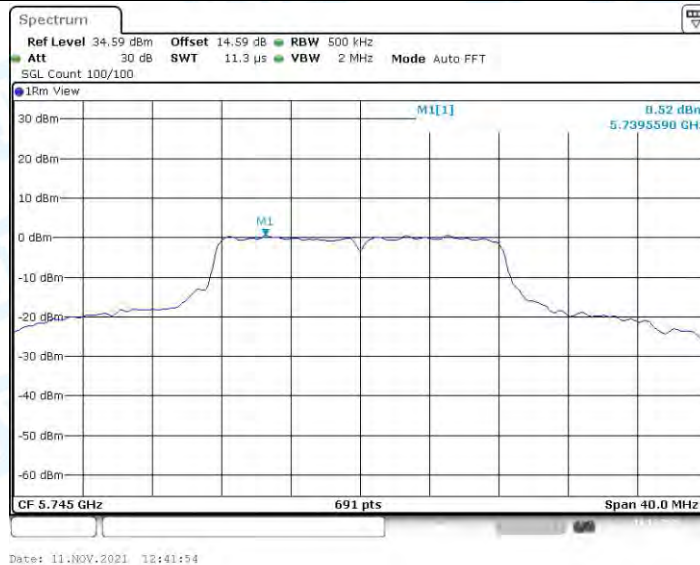
## 11A-CDD\_Ant2\_5240



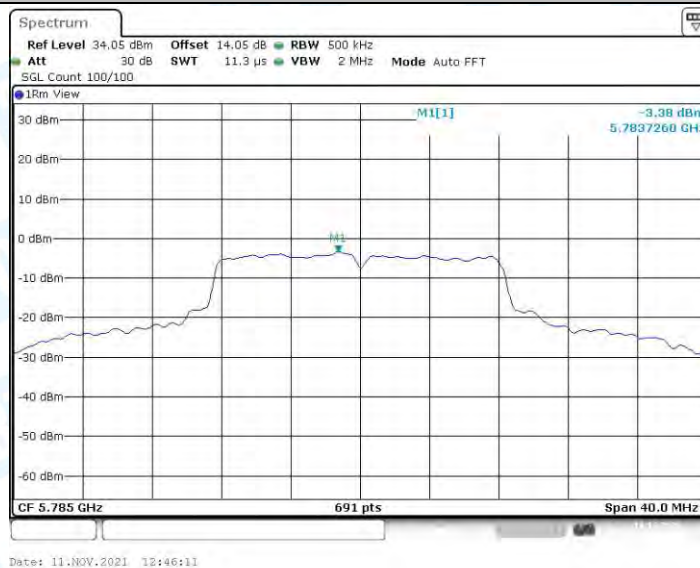
11A-CDD\_Ant1\_5745



11A-CDD\_Ant2\_5745



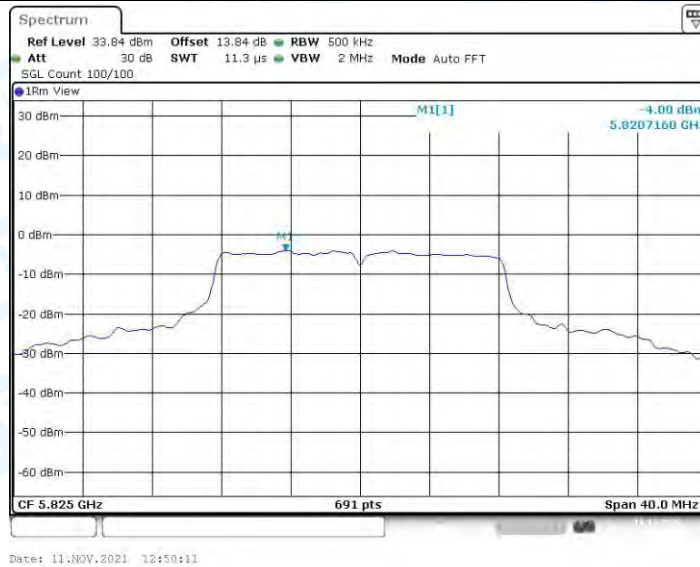
11A-CDD\_Ant1\_5785



## 11A-CDD\_Ant2\_5785



## 11A-CDD\_Ant1\_5825



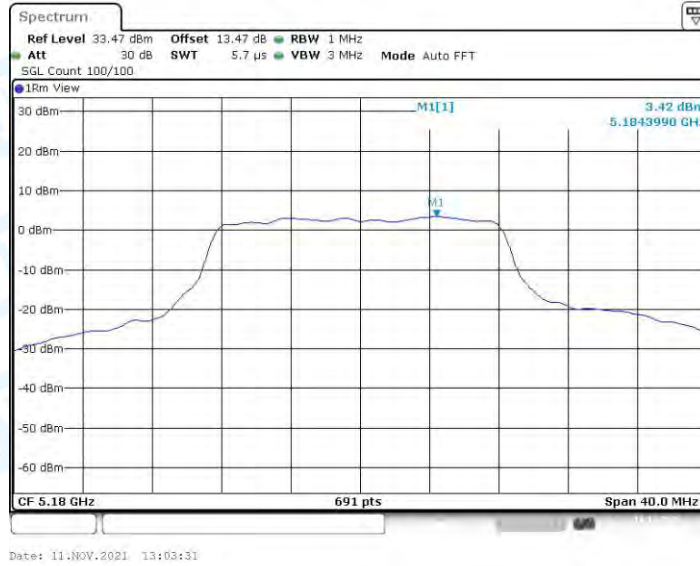
## 11A-CDD\_Ant2\_5825



## 11N20MIMO\_Ant1\_5180



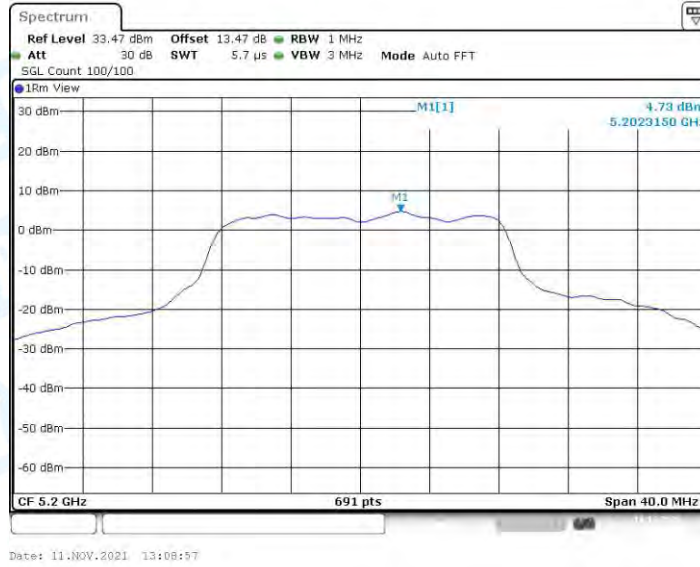
## 11N20MIMO\_Ant2\_5180



## 11N20MIMO\_Ant1\_5200



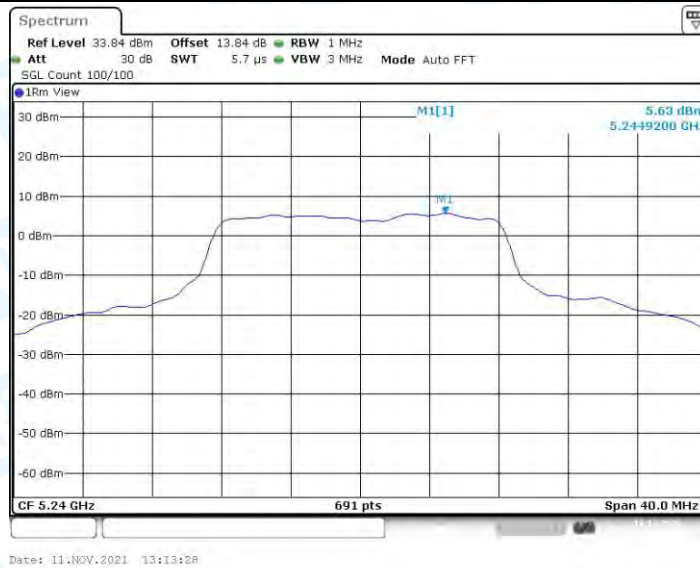
## 11N20MIMO\_Ant2\_5200



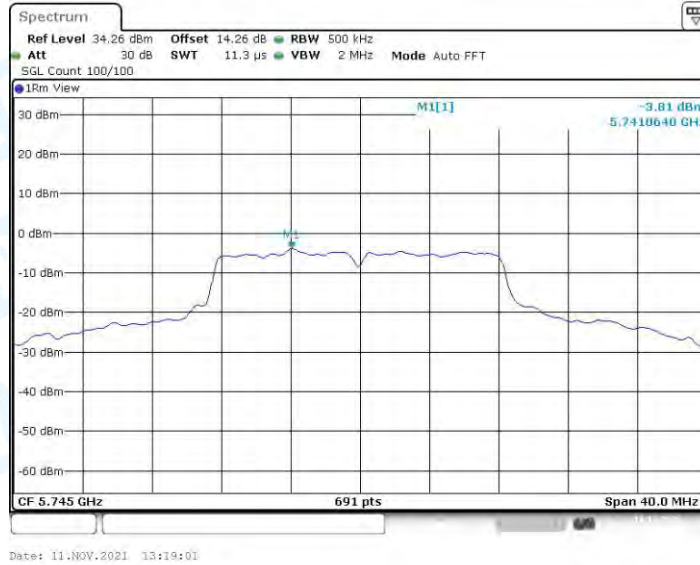
## 11N20MIMO\_Ant1\_5240



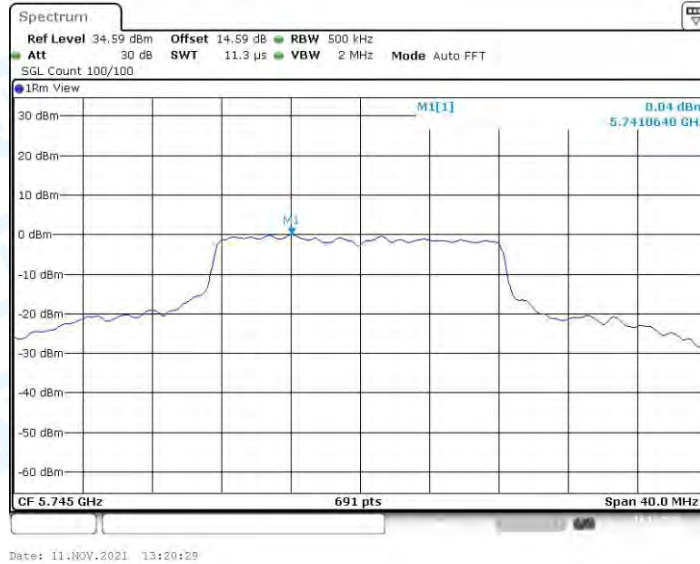
## 11N20MIMO\_Ant2\_5240



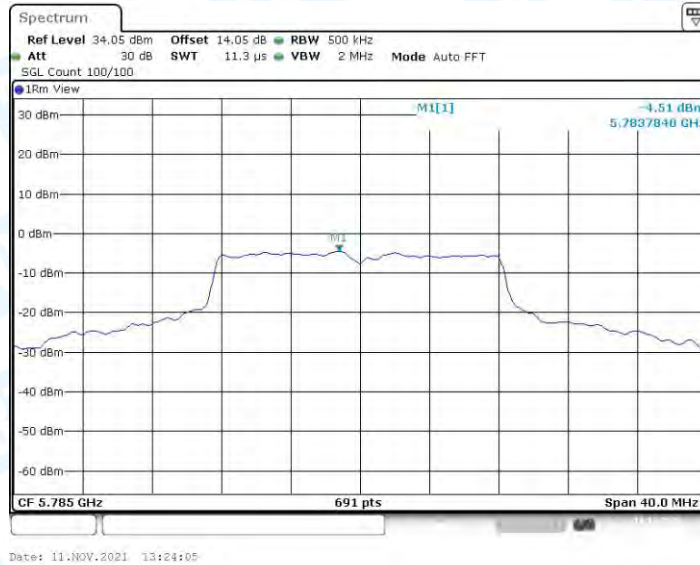
## 11N20MIMO\_Ant1\_5745



## 11N20MIMO\_Ant2\_5745



## 11N20MIMO\_Ant1\_5785



## 11N20MIMO\_Ant2\_5785



## 11N20MIMO\_Ant1\_5825



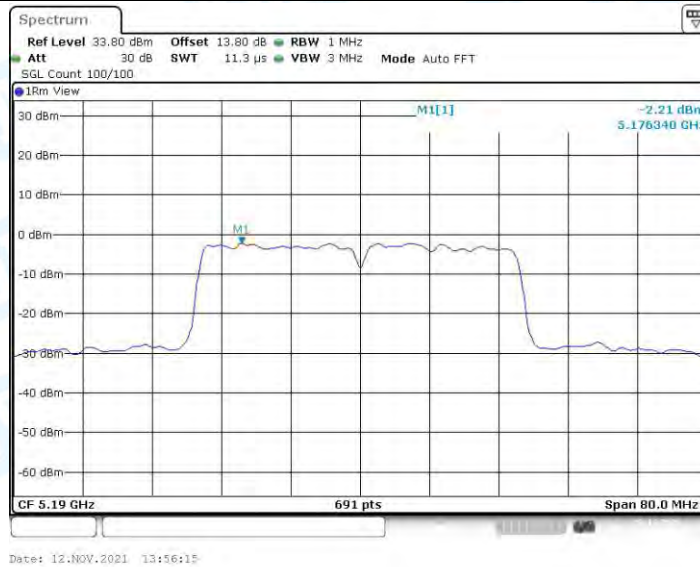
## 11N20MIMO\_Ant2\_5825



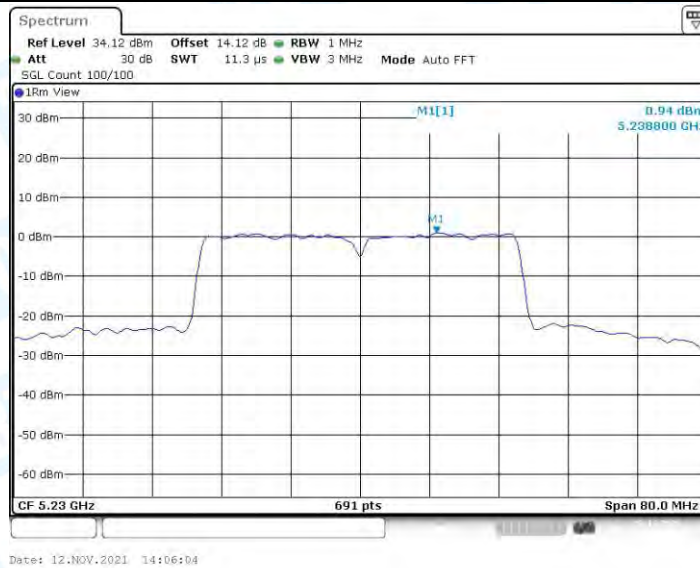
## 11N40MIMO\_Ant1\_5190



## 11N40MIMO\_Ant2\_5190



## 11N40MIMO\_Ant1\_5230



## 11N40MIMO\_Ant2\_5230



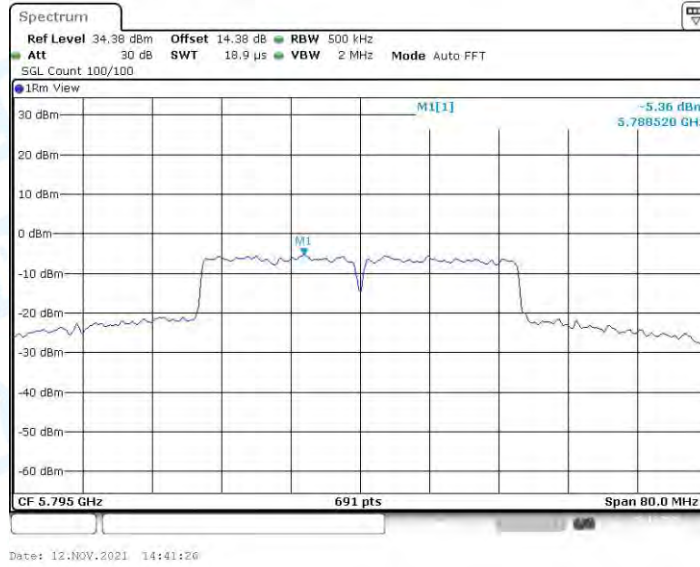
## 11N40MIMO\_Ant1\_5755



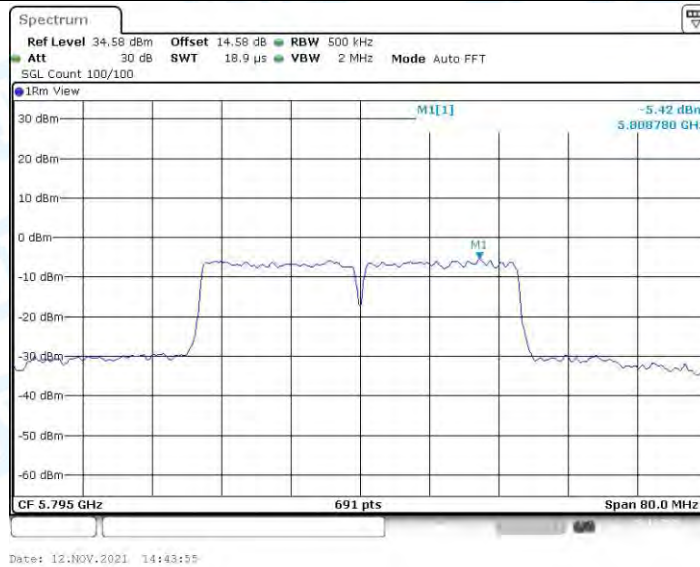
## 11N40MIMO\_Ant2\_5755



## 11N40MIMO\_Ant1\_5795



## 11N40MIMO\_Ant2\_5795



## 11AC20MIMO\_Ant1\_5180



## 11AC20MIMO\_Ant2\_5180



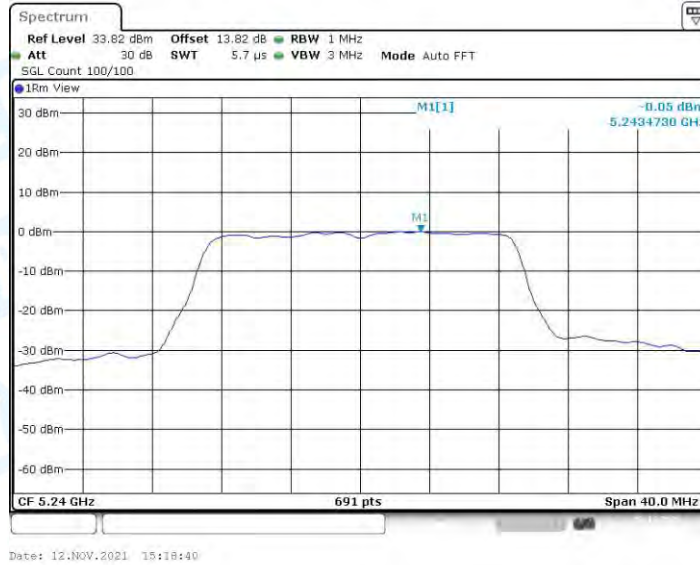
## 11AC20MIMO\_Ant1\_5200



## 11AC20MIMO\_Ant2\_5200



## 11AC20MIMO\_Ant1\_5240



## 11AC20MIMO\_Ant2\_5240



## 11AC20MIMO\_Ant1\_5745



## 11AC20MIMO\_Ant2\_5745



## 11AC20MIMO\_Ant1\_5785



## 11AC20MIMO\_Ant2\_5785



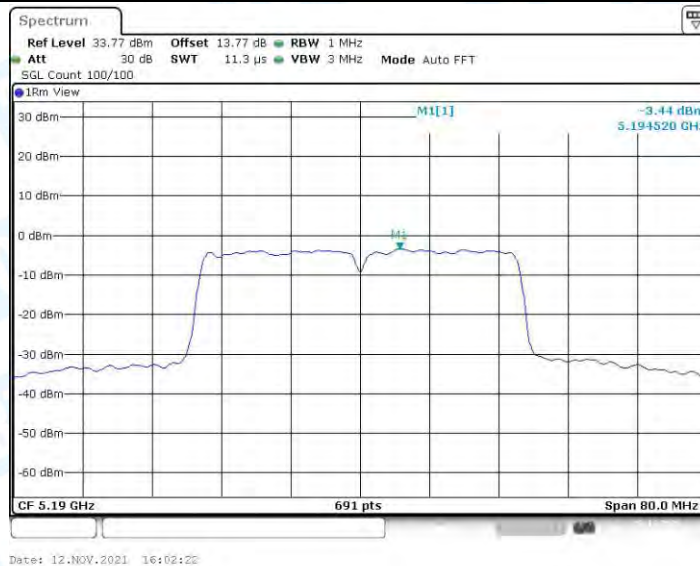
11AC20MIMO\_Ant1\_5825



11AC20MIMO\_Ant2\_5825



11AC40MIMO\_Ant1\_5190



## 11AC40MIMO\_Ant2\_5190



## 11AC40MIMO\_Ant1\_5230



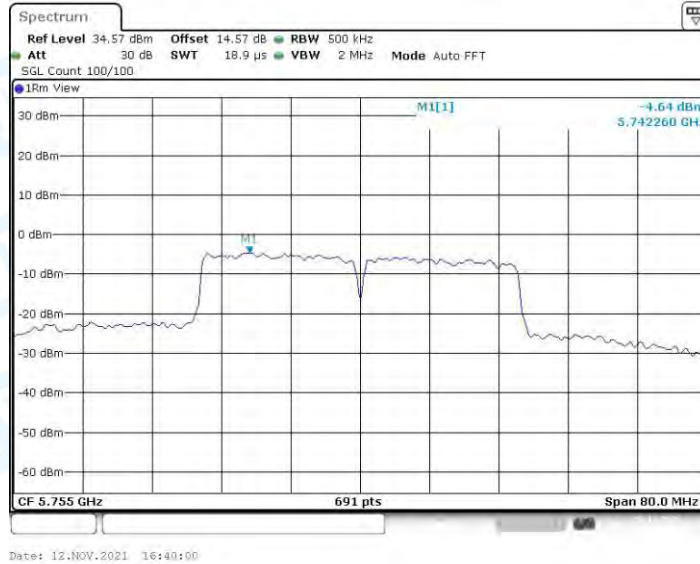
## 11AC40MIMO\_Ant2\_5230



## 11AC40MIMO\_Ant1\_5755



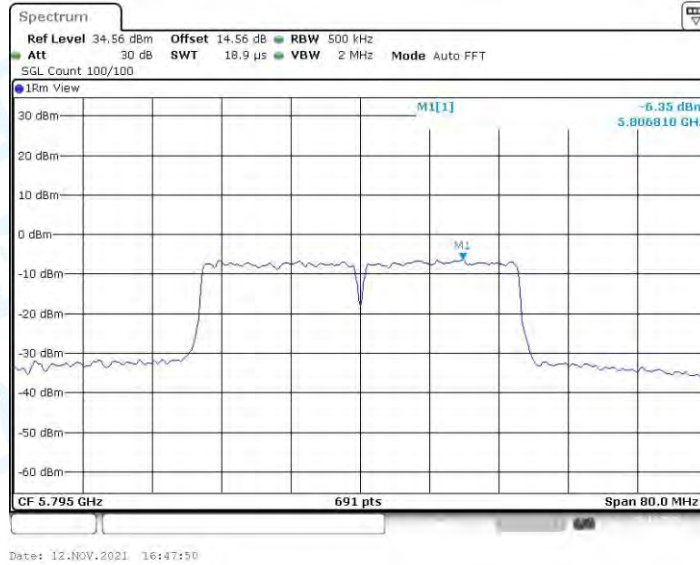
## 11AC40MIMO\_Ant2\_5755



## 11AC40MIMO\_Ant1\_5795



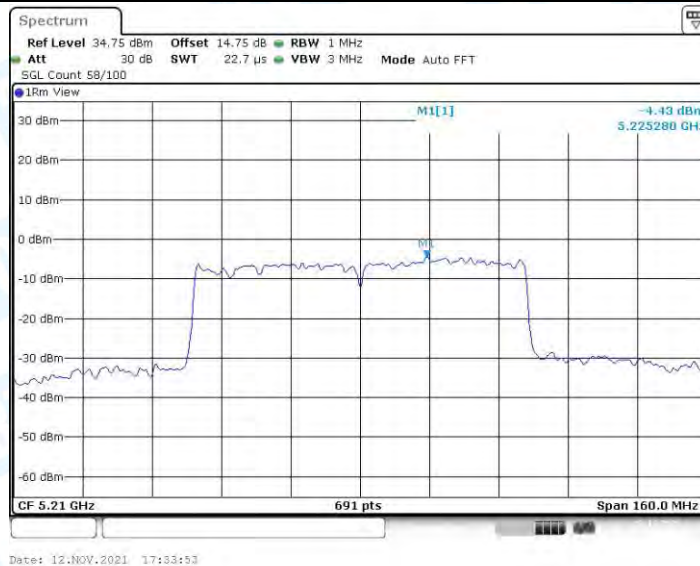
## 11AC40MIMO\_Ant2\_5795



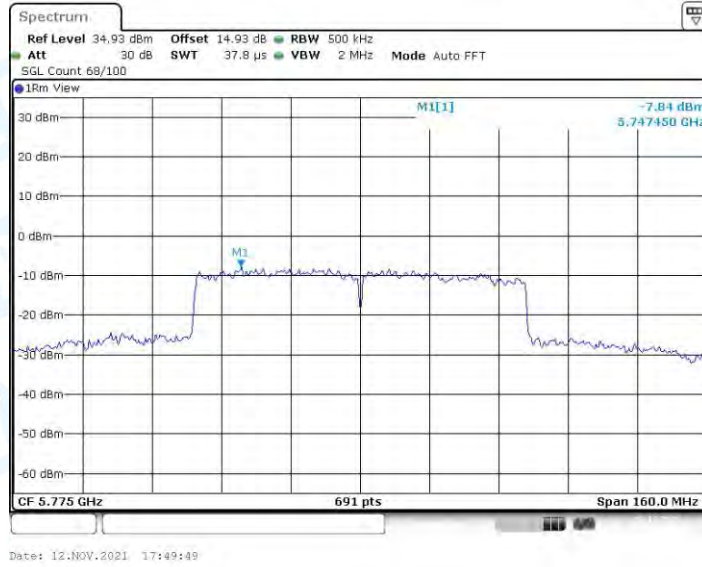
## 11AC80MIMO\_Ant1\_5210



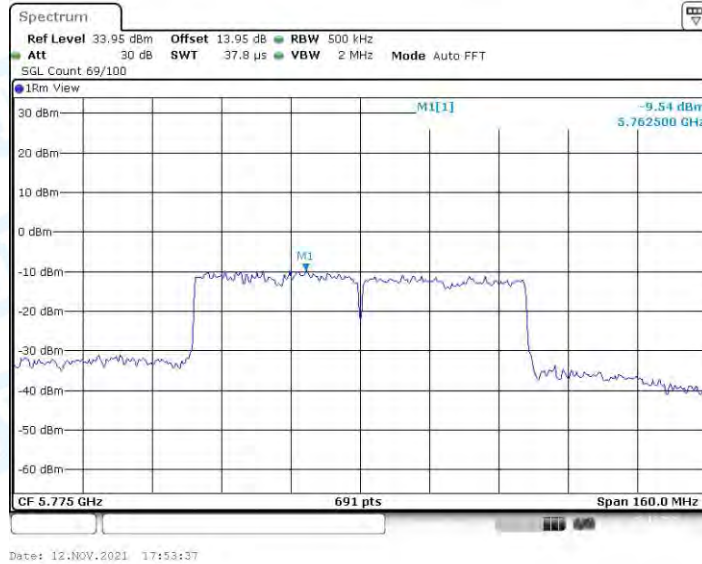
## 11AC80MIMO\_Ant2\_5210



## 11AC80MIMO\_Ant1\_5775



## 11AC80MIMO\_Ant2\_5775



## 6. Conducted Spurious Emission

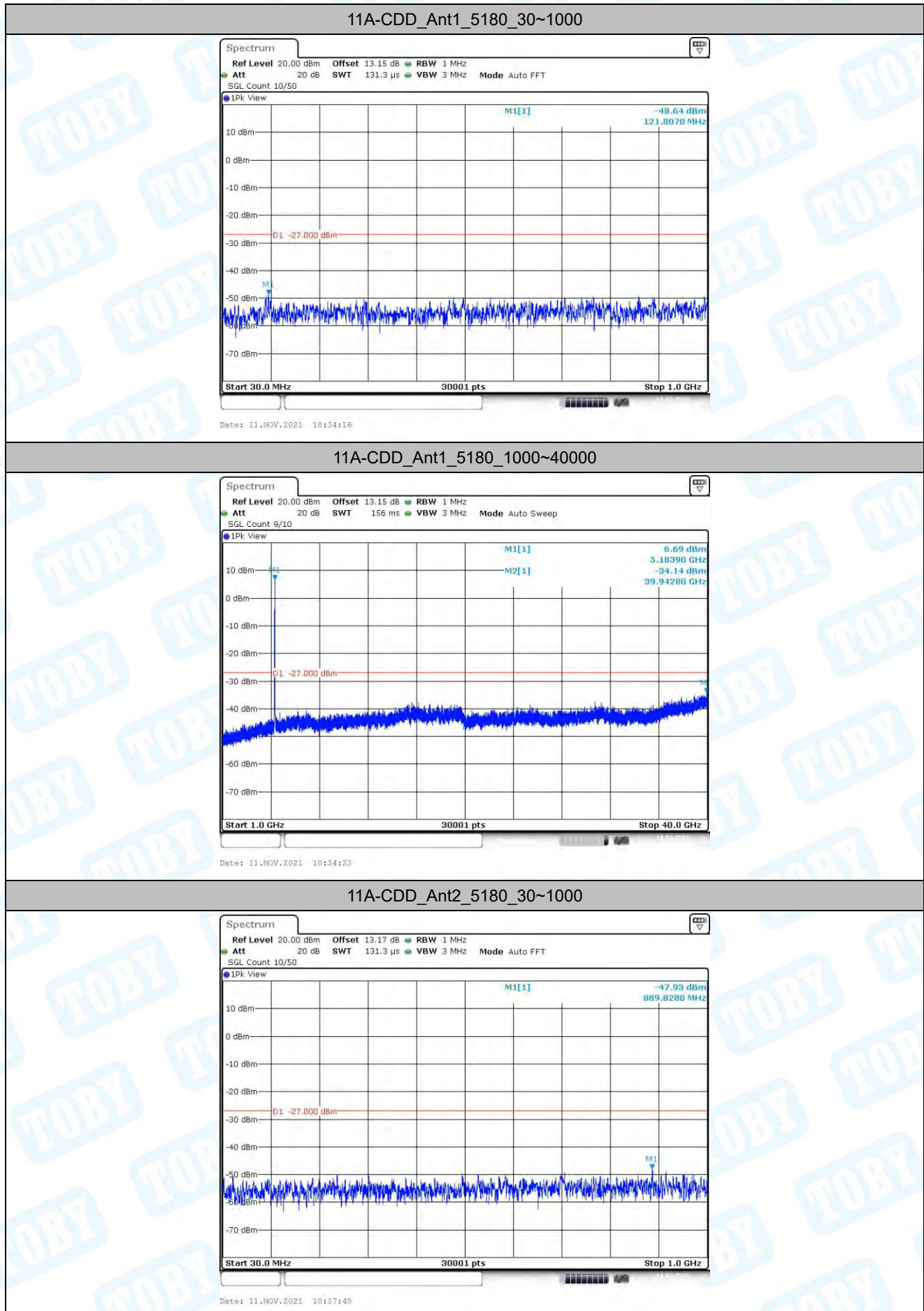
### 6.1. Test Result

| TestMode  | Antenna | Channel | FreqRange<br>[MHz] | Max. Fre<br>[MHz] | Max. Level<br>[dBm] | Limit<br>[dBm] | Verdict |
|-----------|---------|---------|--------------------|-------------------|---------------------|----------------|---------|
| 11A-CDD   | Ant1    | 5180    | 30~1000            | 121.81            | -48.64              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39942.8           | -34.14              | ≤-27           | PASS    |
|           | Ant2    | 5180    | 30~1000            | 889.83            | -47.93              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39597             | -34.01              | ≤-27           | PASS    |
|           | Ant1    | 5200    | 30~1000            | 902.02            | -47.24              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39467             | -34.07              | ≤-27           | PASS    |
|           | Ant2    | 5200    | 30~1000            | 509.37            | -47.82              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39980.5           | -34.59              | ≤-27           | PASS    |
|           | Ant1    | 5240    | 30~1000            | 847.28            | -47.99              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39629.5           | -33.59              | ≤-27           | PASS    |
|           | Ant2    | 5240    | 30~1000            | 706.63            | -47.07              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 40000             | -32.59              | ≤-27           | PASS    |
|           | Ant1    | 5745    | 30~1000            | 962.87            | -47.73              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39808.9           | -33.48              | ≤-27           | PASS    |
|           | Ant2    | 5745    | 30~1000            | 909.91            | -47.99              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39759.5           | -32.88              | ≤-27           | PASS    |
|           | Ant1    | 5785    | 30~1000            | 897.49            | -48.05              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39476.1           | -33.8               | ≤-27           | PASS    |
|           | Ant2    | 5785    | 30~1000            | 959.41            | -48.34              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39993.5           | -33.59              | ≤-27           | PASS    |
|           | Ant1    | 5825    | 30~1000            | 866.23            | -48.75              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39738.7           | -34.37              | ≤-27           | PASS    |
|           | Ant2    | 5825    | 30~1000            | 360.48            | -48.92              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39998.7           | -32.74              | ≤-27           | PASS    |
| 11N20MIMO | Ant1    | 5180    | 30~1000            | 691.76            | -48.86              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39572.3           | -33.99              | ≤-27           | PASS    |
|           | Ant2    | 5180    | 30~1000            | 963.29            | -48.19              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39929.8           | -34.31              | ≤-27           | PASS    |
|           | Ant1    | 5200    | 30~1000            | 312.41            | -48.36              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39606.1           | -34.11              | ≤-27           | PASS    |
|           | Ant2    | 5200    | 30~1000            | 997.37            | -48.27              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39905.1           | -34.25              | ≤-27           | PASS    |
|           | Ant1    | 5240    | 30~1000            | 871.59            | -48.9               | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39972.7           | -33.36              | ≤-27           | PASS    |
|           | Ant2    | 5240    | 30~1000            | 890.15            | -48.47              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39008.1           | -33.61              | ≤-27           | PASS    |
|           | Ant1    | 5745    | 30~1000            | 782               | -48.12              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39577.5           | -33.85              | ≤-27           | PASS    |
|           | Ant2    | 5745    | 30~1000            | 711.71            | -47.62              | ≤-27           | PASS    |
|           |         |         | 1000~40000         | 39547.6           | -32.98              | ≤-27           | PASS    |
|           | Ant1    | 5785    | 30~1000            | 117.35            | -47.43              | ≤-27           | PASS    |

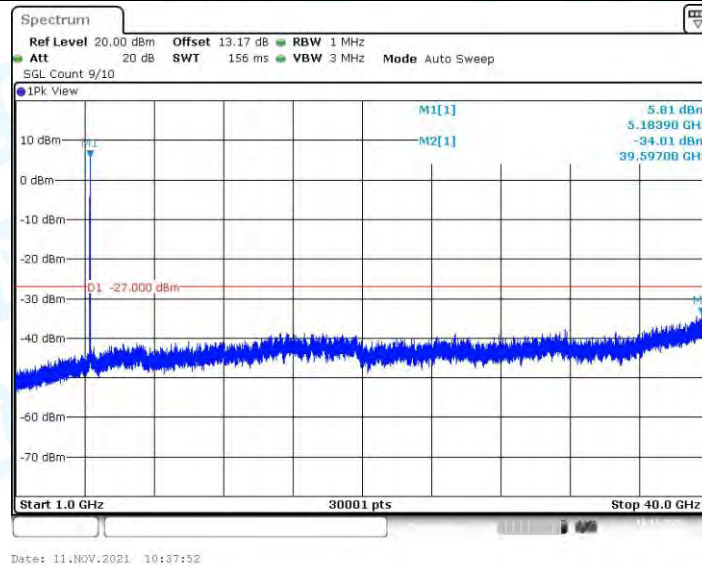
|            |      |      |            |         |        |            |      |
|------------|------|------|------------|---------|--------|------------|------|
|            | Ant2 | 5785 | 1000~40000 | 39989.6 | -32.77 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 754     | -48.33 | $\leq -27$ | PASS |
|            | Ant1 | 5825 | 1000~40000 | 39578.8 | -33.28 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 706.25  | -47.81 | $\leq -27$ | PASS |
|            | Ant2 | 5825 | 1000~40000 | 39953.2 | -33.72 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 967.62  | -47.26 | $\leq -27$ | PASS |
| 11N40MIMO  | Ant1 | 5190 | 1000~40000 | 39418.9 | -33.92 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 30.99   | -41.31 | $\leq -27$ | PASS |
|            | Ant2 | 5190 | 1000~40000 | 39972.7 | -33.82 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 890.41  | -49.3  | $\leq -27$ | PASS |
|            | Ant1 | 5230 | 1000~40000 | 39940.2 | -33.48 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 777.64  | -48.92 | $\leq -27$ | PASS |
|            | Ant2 | 5230 | 1000~40000 | 39403.3 | -32.94 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 678.44  | -48.2  | $\leq -27$ | PASS |
|            | Ant1 | 5755 | 1000~40000 | 40000   | -33.11 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 30.15   | -38.28 | $\leq -27$ | PASS |
|            | Ant2 | 5755 | 1000~40000 | 39976.6 | -33.63 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 959.92  | -48.06 | $\leq -27$ | PASS |
|            | Ant1 | 5795 | 1000~40000 | 39652.9 | -33.18 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 875.73  | -47.51 | $\leq -27$ | PASS |
|            | Ant2 | 5795 | 1000~40000 | 39945.4 | -33.82 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 745.14  | -47.57 | $\leq -27$ | PASS |
| 11AC20MIMO | Ant1 | 5180 | 1000~40000 | 39983.1 | -33.56 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 509.37  | -47.79 | $\leq -27$ | PASS |
|            | Ant2 | 5180 | 1000~40000 | 39517.7 | -34.12 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 975.67  | -48.66 | $\leq -27$ | PASS |
|            | Ant1 | 5200 | 1000~40000 | 39684.1 | -34.18 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 890.28  | -48.62 | $\leq -27$ | PASS |
|            | Ant2 | 5200 | 1000~40000 | 39942.8 | -33.72 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 892.41  | -48.44 | $\leq -27$ | PASS |
|            | Ant1 | 5240 | 1000~40000 | 39807.6 | -34.29 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 863.74  | -47.94 | $\leq -27$ | PASS |
|            | Ant2 | 5240 | 1000~40000 | 39975.3 | -33.48 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 711.77  | -48.45 | $\leq -27$ | PASS |
|            | Ant1 | 5745 | 1000~40000 | 39485.2 | -33.91 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 900.24  | -47.38 | $\leq -27$ | PASS |
|            | Ant2 | 5745 | 1000~40000 | 39571   | -33.6  | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 888.92  | -46.79 | $\leq -27$ | PASS |
|            | Ant1 | 5785 | 1000~40000 | 39993.5 | -32.99 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 960.51  | -48.11 | $\leq -27$ | PASS |
|            | Ant2 | 5785 | 1000~40000 | 39997.4 | -33.47 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 899.2   | -35.21 | $\leq -27$ | PASS |
|            | Ant1 | 5825 | 1000~40000 | 39953.2 | -33.14 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 123.07  | -48.26 | $\leq -27$ | PASS |
|            | Ant2 | 5825 | 1000~40000 | 39880.4 | -33.95 | $\leq -27$ | PASS |
|            |      |      | 30~1000    | 709.09  | -48.22 | $\leq -27$ | PASS |

|            |      |      |            |         |        |      |      |
|------------|------|------|------------|---------|--------|------|------|
| 11AC40MIMO | Ant1 | 5190 | 1000~40000 | 39993.5 | -32.83 | ≤-27 | PASS |
|            |      |      | 30~1000    | 783.88  | -49.28 | ≤-27 | PASS |
|            | Ant2 | 5190 | 1000~40000 | 39733.5 | -34.16 | ≤-27 | PASS |
|            |      |      | 30~1000    | 706.25  | -48.27 | ≤-27 | PASS |
|            | Ant1 | 5230 | 1000~40000 | 39598.3 | -34.21 | ≤-27 | PASS |
|            |      |      | 30~1000    | 896.78  | -47.64 | ≤-27 | PASS |
|            | Ant2 | 5230 | 1000~40000 | 39391.6 | -32.05 | ≤-27 | PASS |
|            |      |      | 30~1000    | 899.27  | -48    | ≤-27 | PASS |
|            | Ant1 | 5755 | 1000~40000 | 39671.1 | -33.25 | ≤-27 | PASS |
|            |      |      | 30~1000    | 970.69  | -46.78 | ≤-27 | PASS |
|            | Ant2 | 5755 | 1000~40000 | 39996.1 | -33    | ≤-27 | PASS |
|            |      |      | 30~1000    | 873.02  | -47.62 | ≤-27 | PASS |
|            | Ant1 | 5795 | 1000~40000 | 39974   | -33.52 | ≤-27 | PASS |
|            |      |      | 30~1000    | 40.14   | -46.6  | ≤-27 | PASS |
|            | Ant2 | 5795 | 1000~40000 | 39698.4 | -32.87 | ≤-27 | PASS |
|            |      |      | 30~1000    | 893.74  | -46.79 | ≤-27 | PASS |
| 11AC80MIMO | Ant1 | 5210 | 1000~40000 | 39945.4 | -33.62 | ≤-27 | PASS |
|            |      |      | 30~1000    | 708.09  | -48.39 | ≤-27 | PASS |
|            | Ant2 | 5210 | 1000~40000 | 39028.9 | -33.45 | ≤-27 | PASS |
|            |      |      | 30~1000    | 851.32  | -48.3  | ≤-27 | PASS |
|            | Ant1 | 5775 | 1000~40000 | 39645.1 | -33.3  | ≤-27 | PASS |
|            |      |      | 30~1000    | 866.19  | -47.12 | ≤-27 | PASS |
|            | Ant2 | 5775 | 1000~40000 | 39993.5 | -33.13 | ≤-27 | PASS |
|            |      |      | 30~1000    | 511.15  | -47.05 | ≤-27 | PASS |
|            |      |      | 1000~40000 | 39938.9 | -32.73 | ≤-27 | PASS |
|            |      |      |            |         |        |      |      |

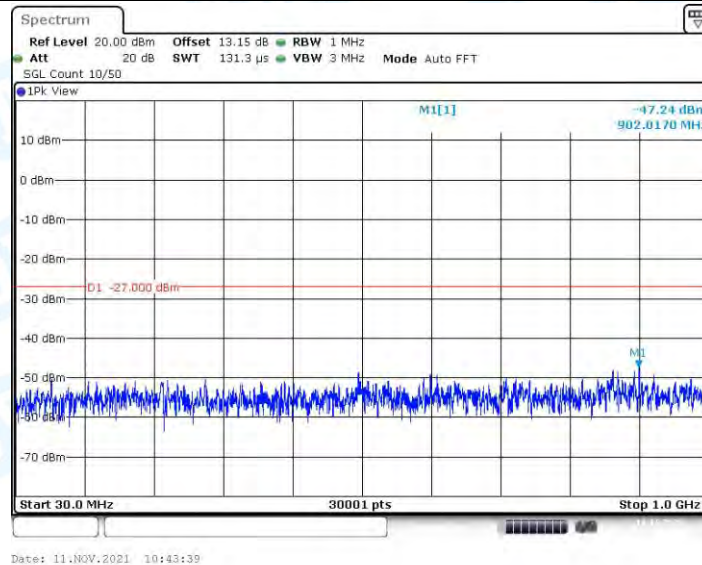
## 6.2. Test Graphs



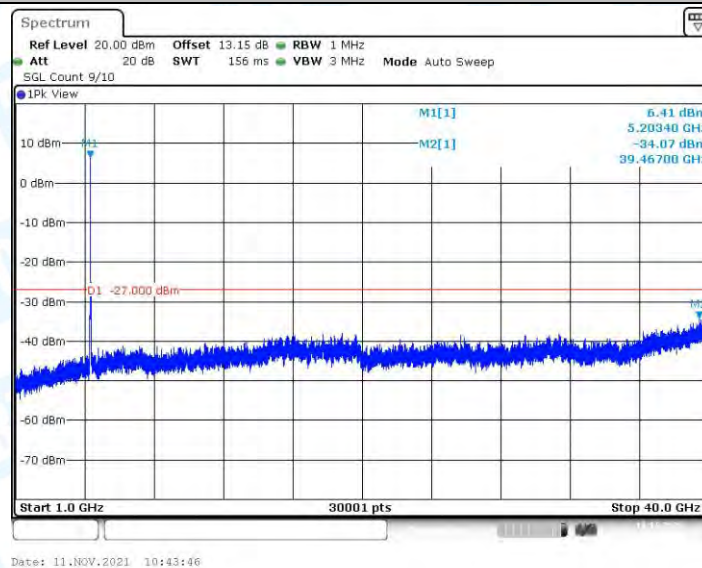
## 11A-CDD\_Ant2\_5180\_1000~40000



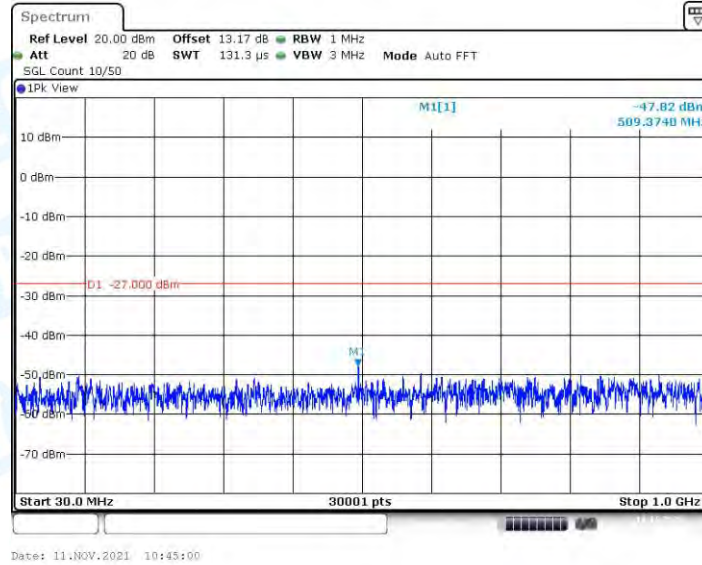
## 11A-CDD\_Ant1\_5200\_30~1000



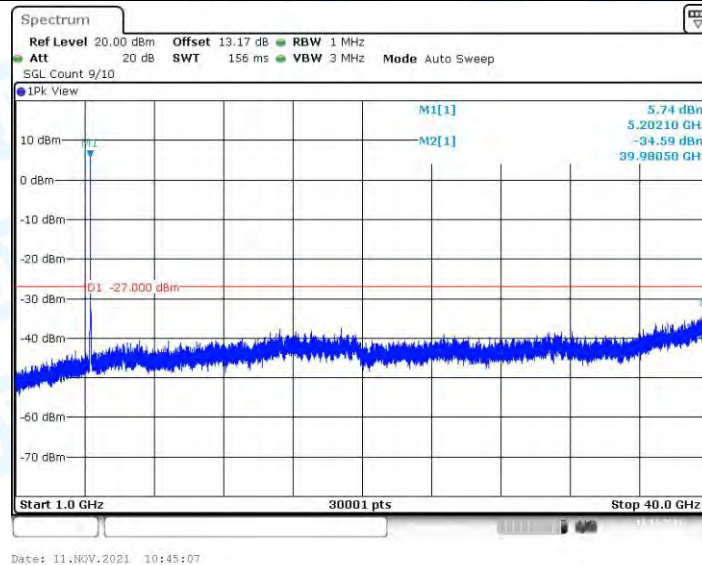
## 11A-CDD\_Ant1\_5200\_1000~40000



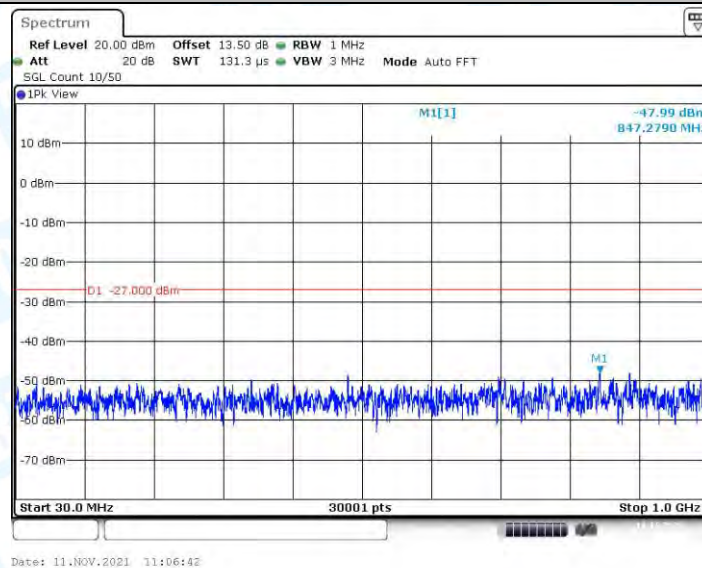
## 11A-CDD\_Ant2\_5200\_30~1000



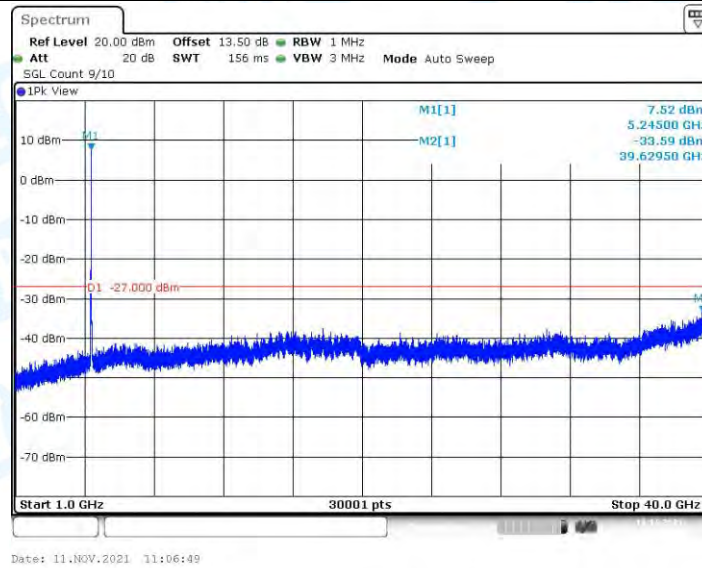
## 11A-CDD\_Ant2\_5200\_1000~40000



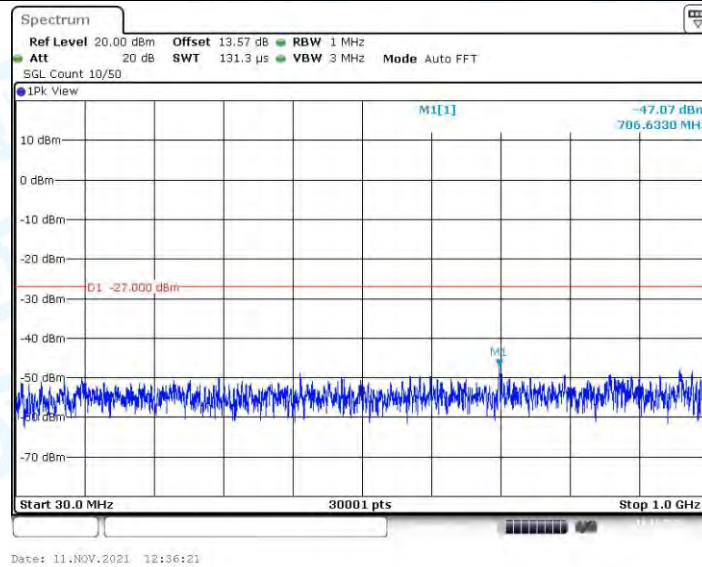
## 11A-CDD\_Ant1\_5240\_30~1000



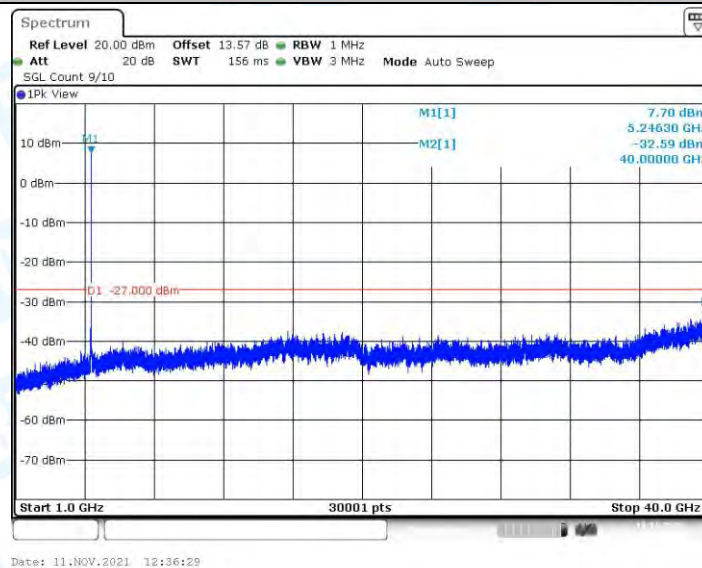
## 11A-CDD\_Ant1\_5240\_1000~40000



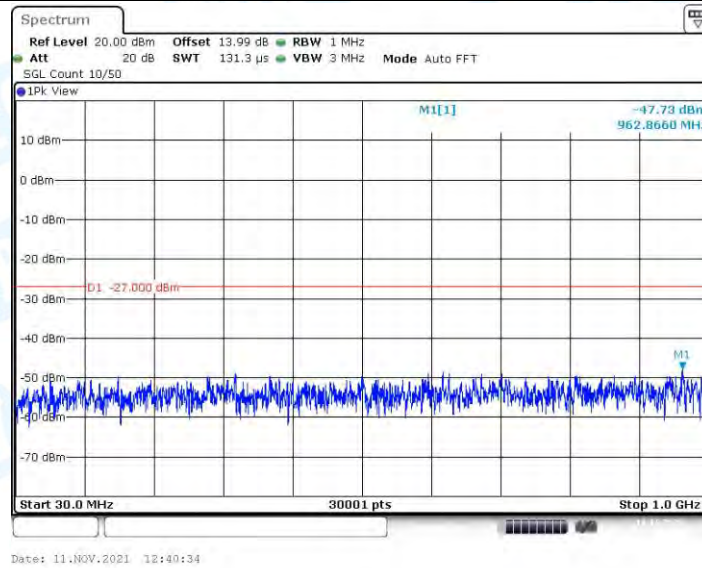
## 11A-CDD\_Ant2\_5240\_30~1000



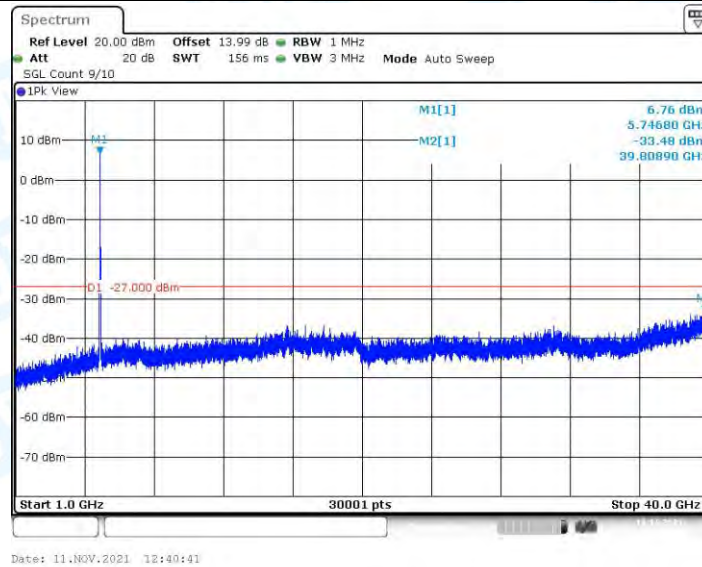
## 11A-CDD\_Ant2\_5240\_1000~40000



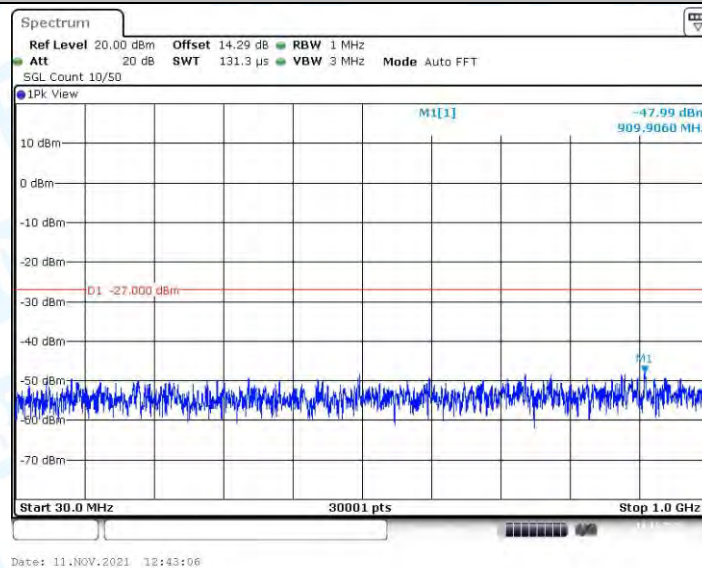
## 11A-CDD\_Ant1\_5745\_30~1000



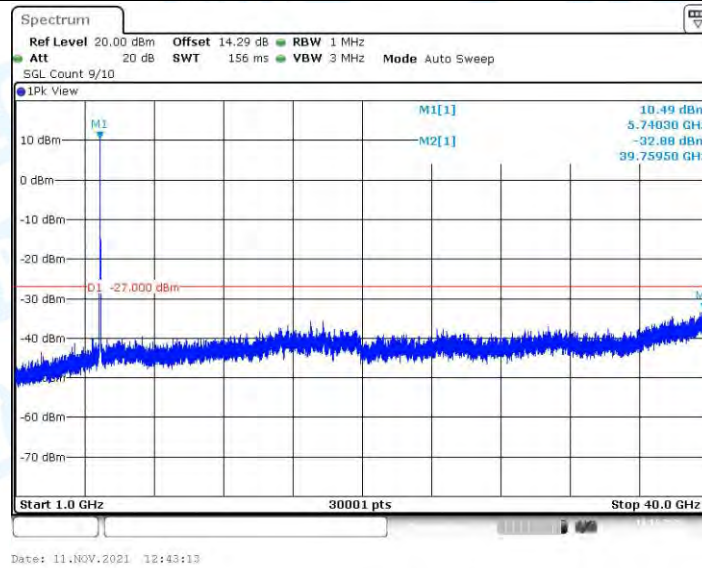
## 11A-CDD\_Ant1\_5745\_1000~40000



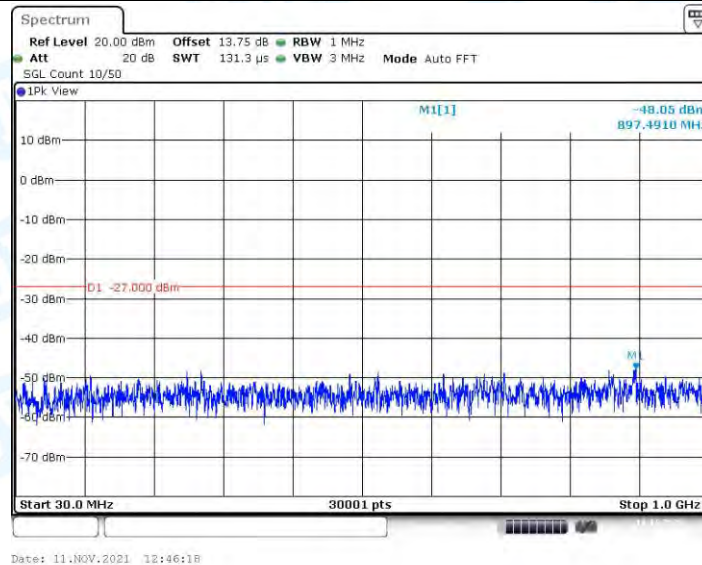
## 11A-CDD\_Ant2\_5745\_30~1000



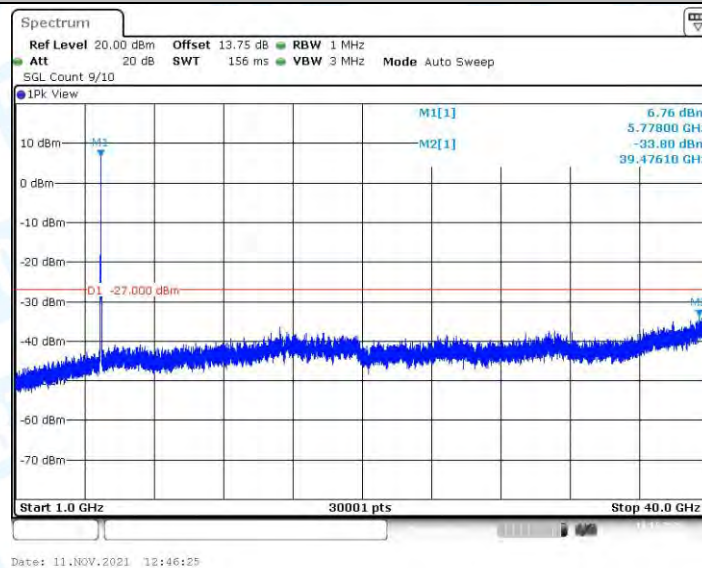
## 11A-CDD\_Ant2\_5745\_1000~40000



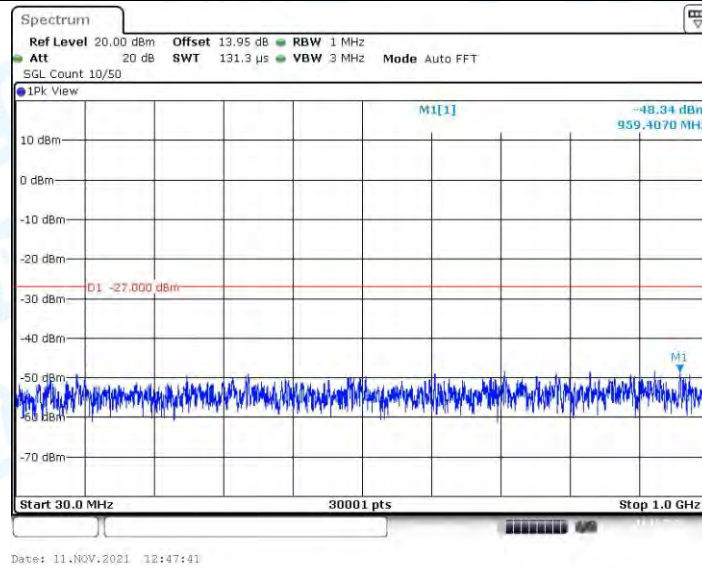
## 11A-CDD\_Ant1\_5785\_30~1000



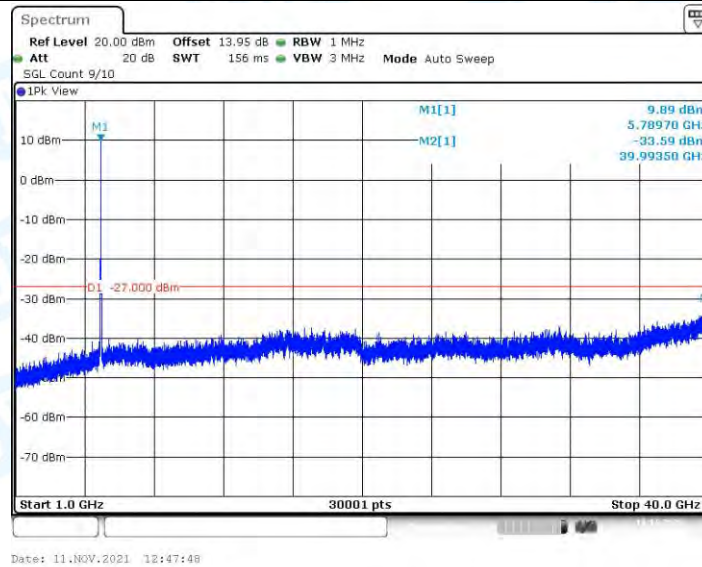
## 11A-CDD\_Ant1\_5785\_1000~40000



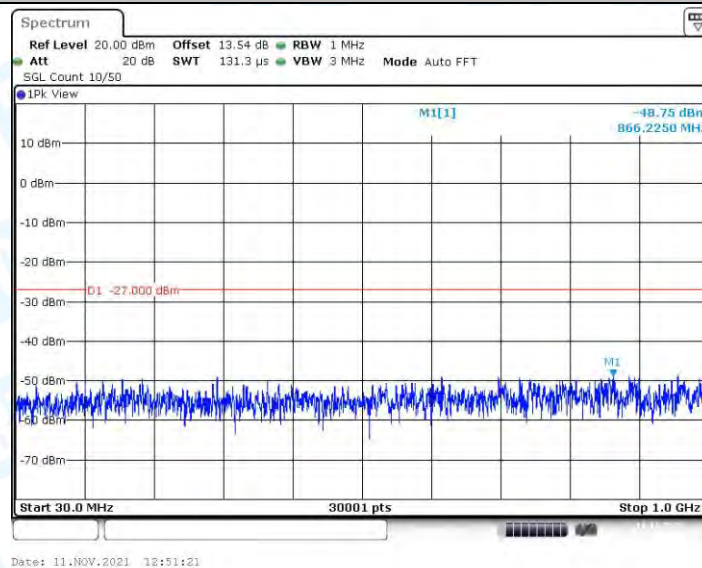
## 11A-CDD\_Ant2\_5785\_30~1000



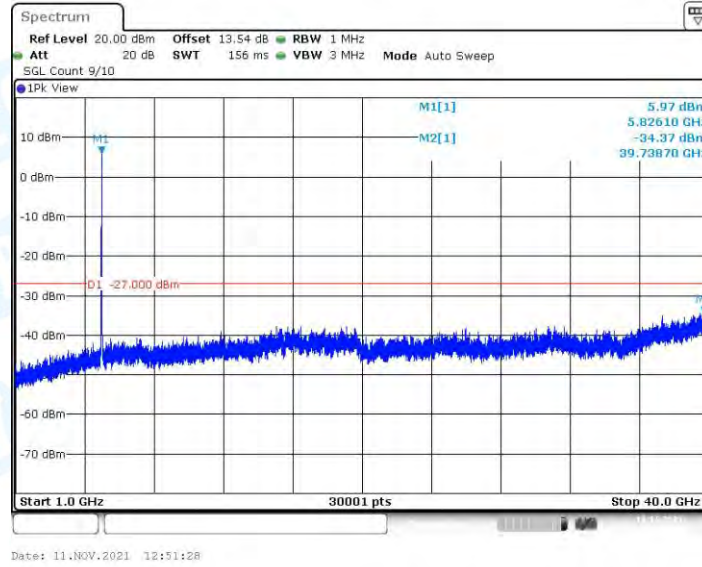
## 11A-CDD\_Ant2\_5785\_1000~40000



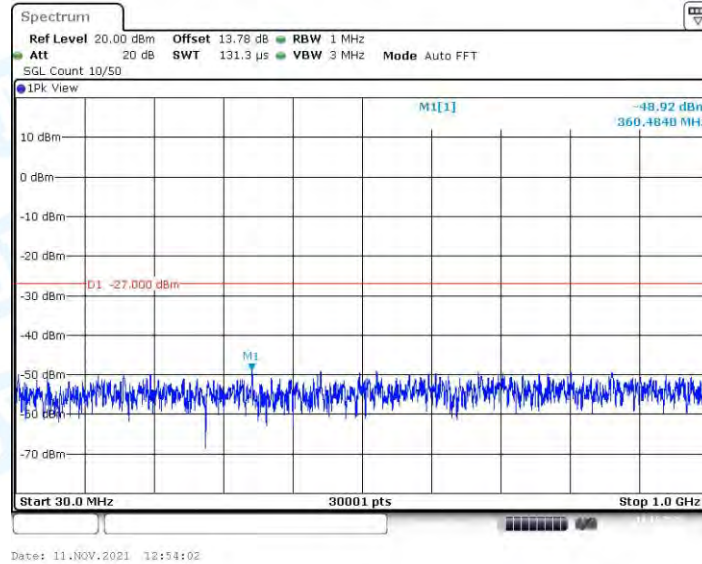
## 11A-CDD\_Ant1\_5825\_30~1000



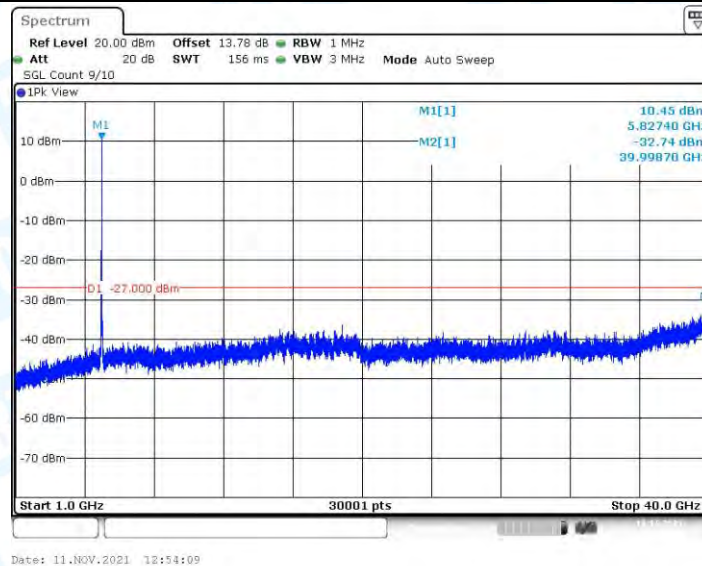
## 11A-CDD\_Ant1\_5825\_1000~40000



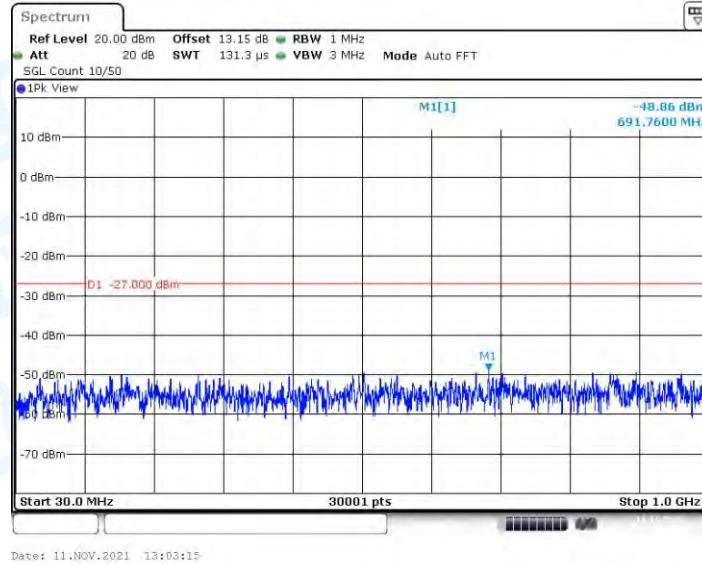
## 11A-CDD\_Ant2\_5825\_30~1000



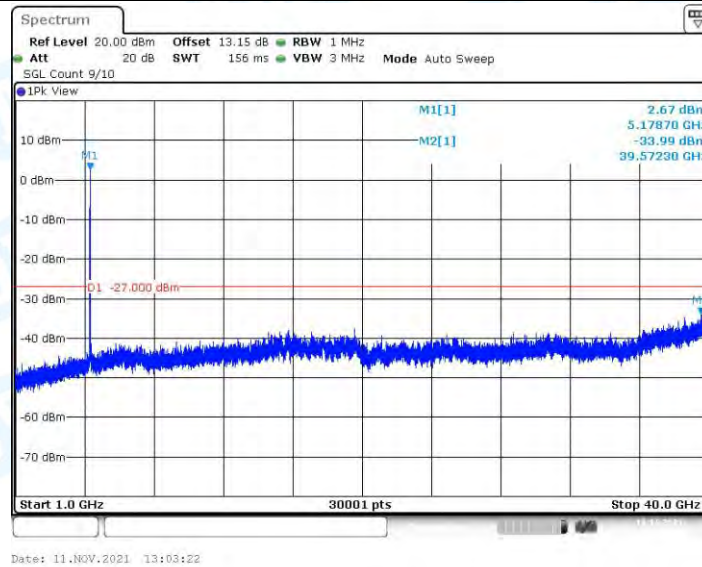
## 11A-CDD\_Ant2\_5825\_1000~40000



## 11N20MIMO\_Ant1\_5180\_30~1000



## 11N20MIMO\_Ant1\_5180\_1000~40000



## 11N20MIMO\_Ant2\_5180\_30~1000

