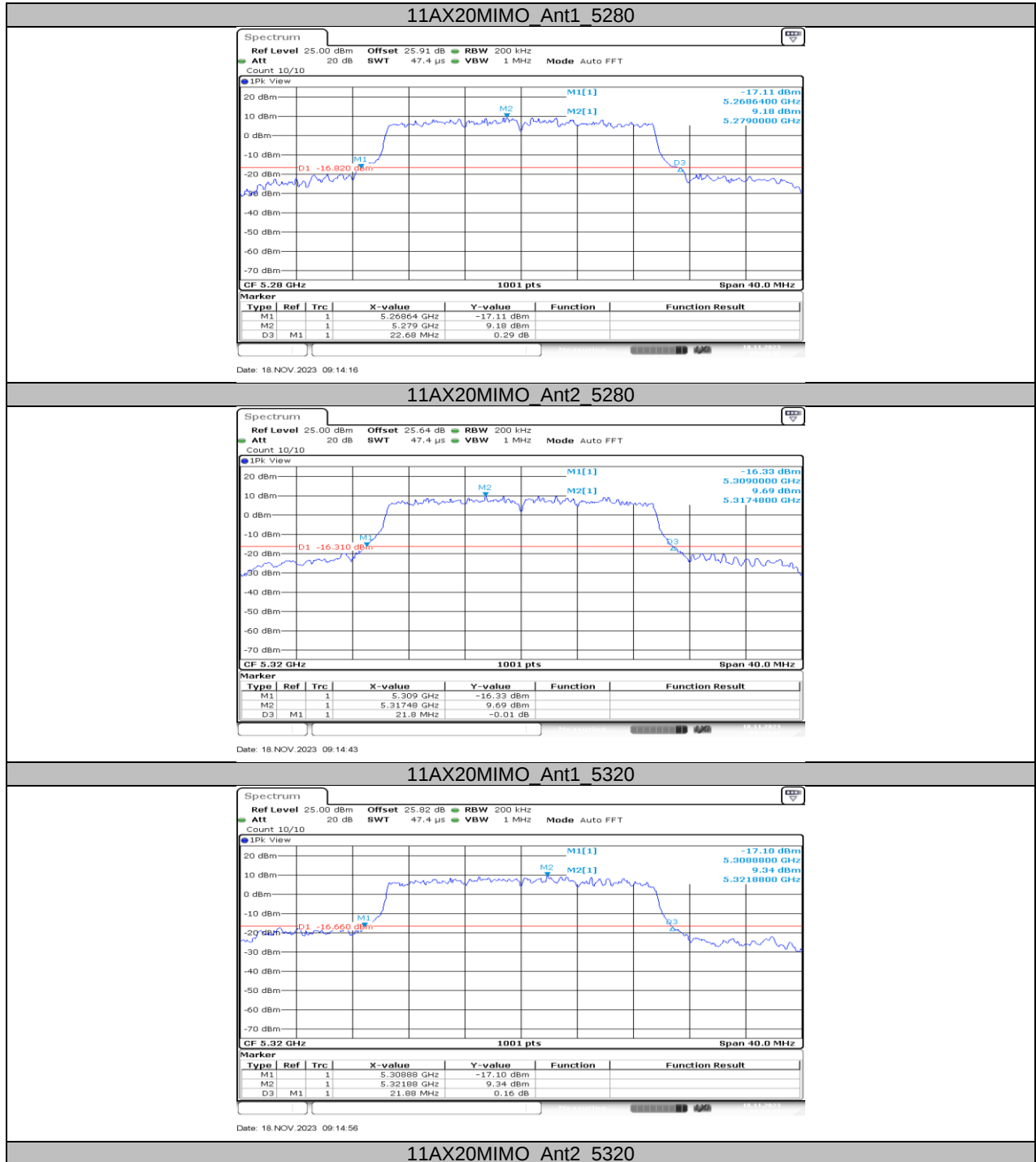
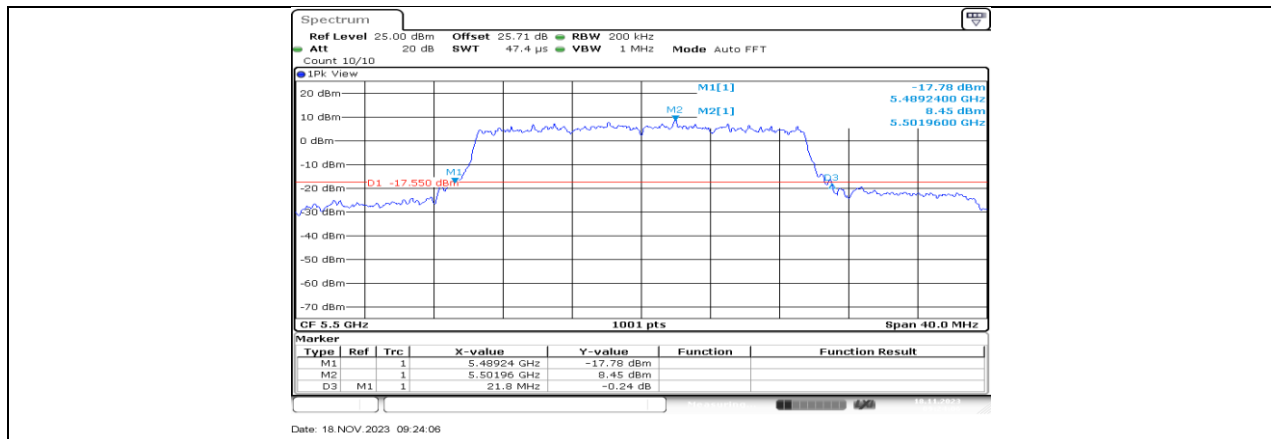
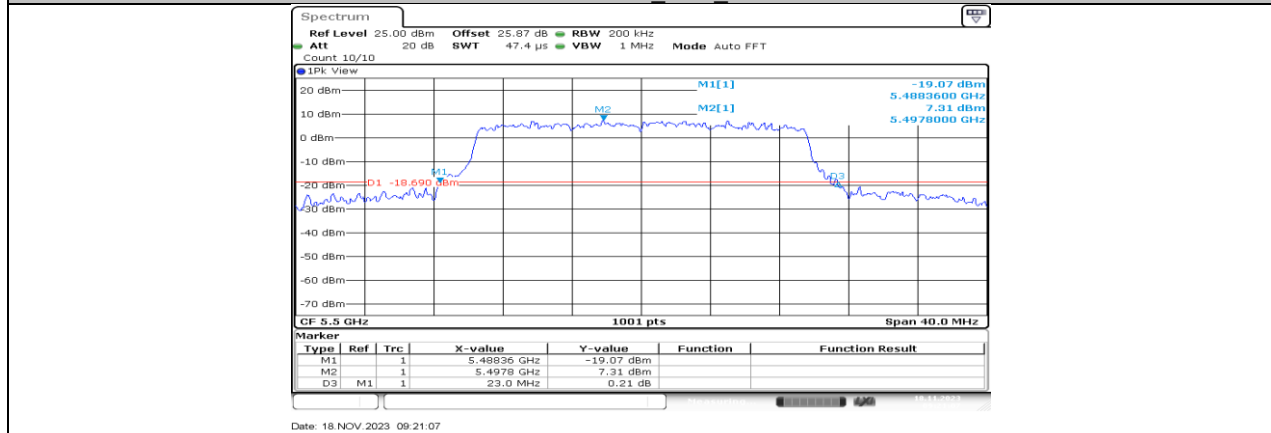


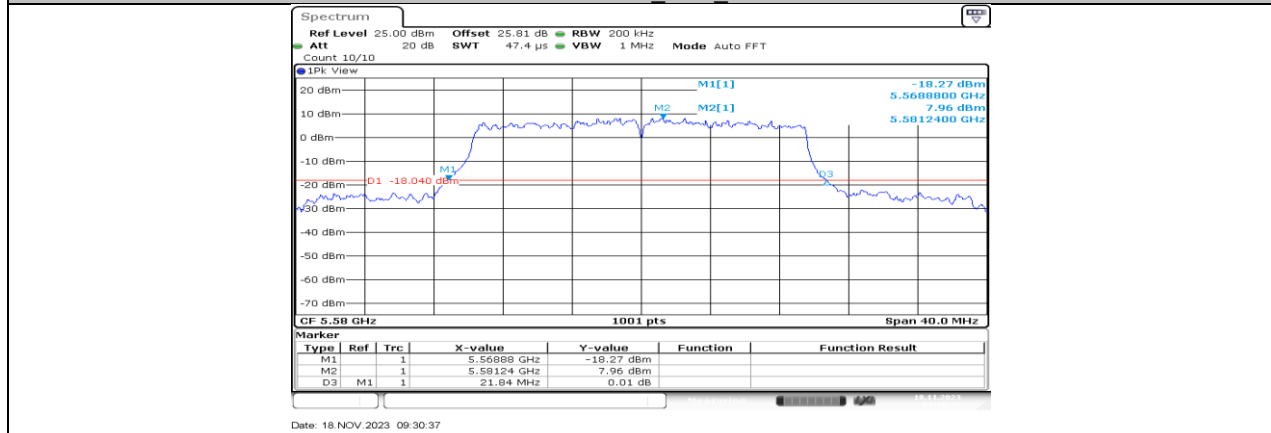




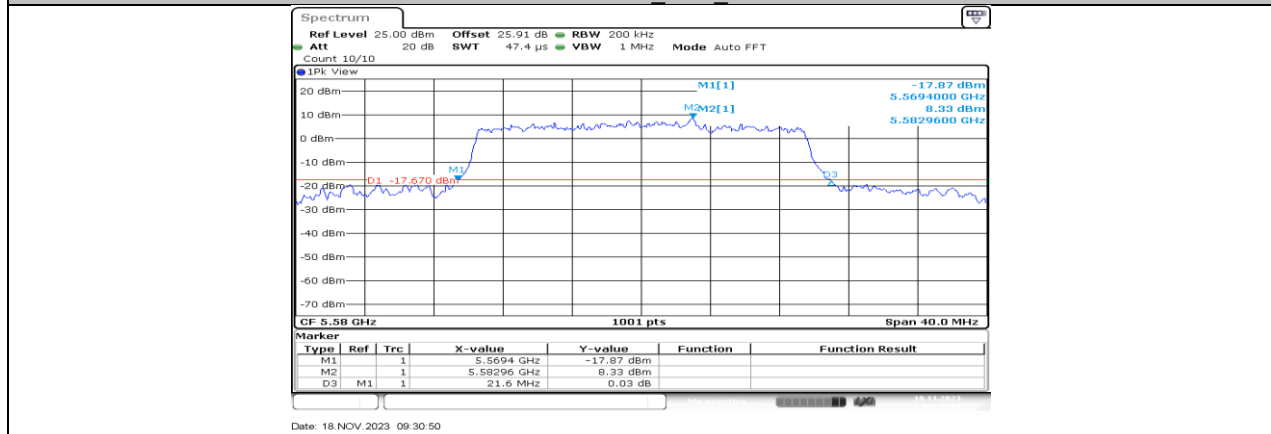
11AX20MIMO\_Ant1\_5500

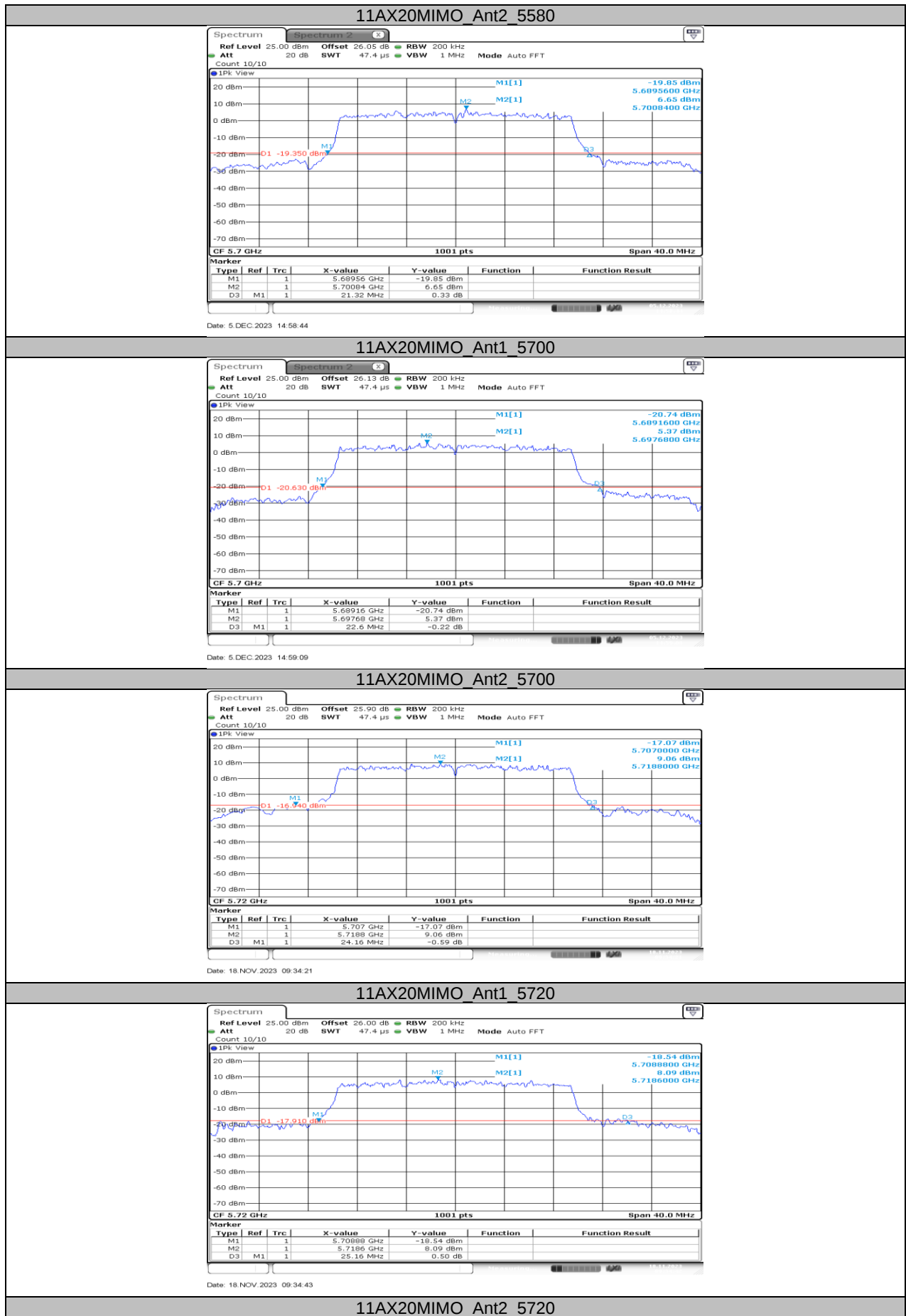


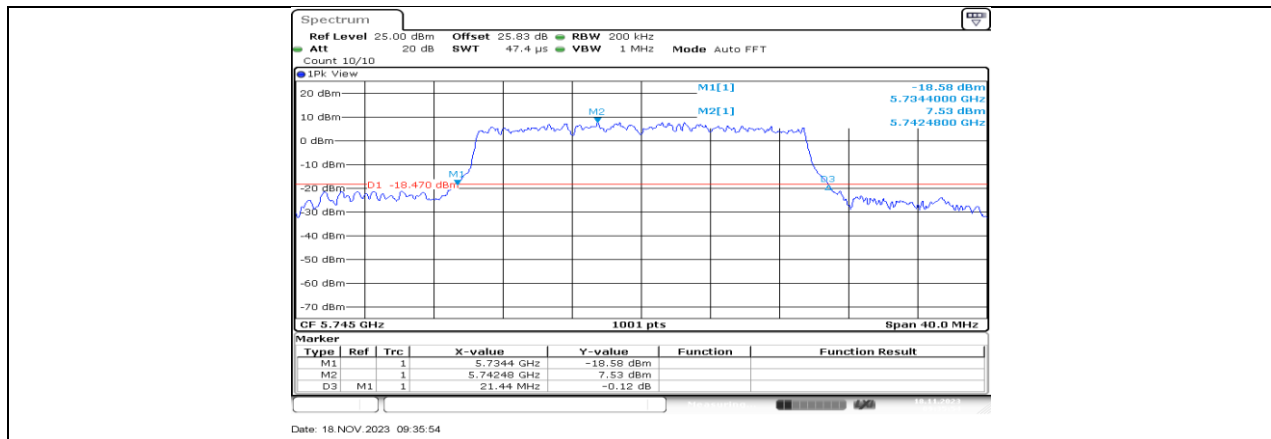
11AX20MIMO\_Ant2\_5500



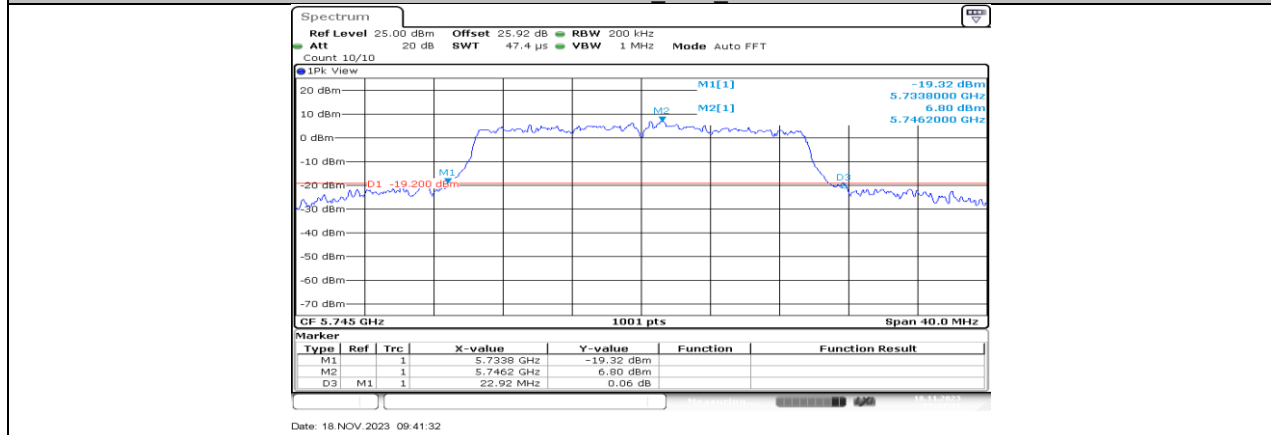
11AX20MIMO\_Ant1\_5580



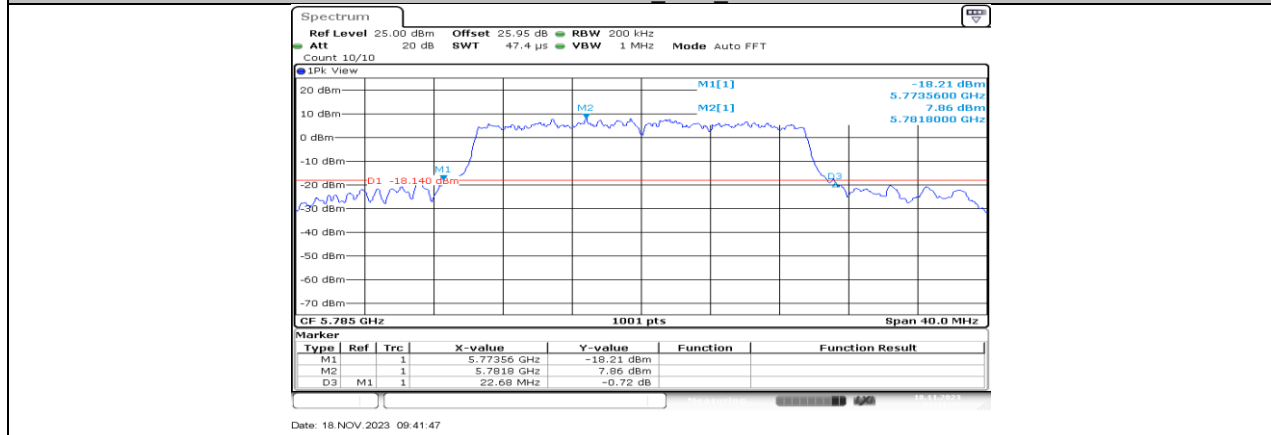




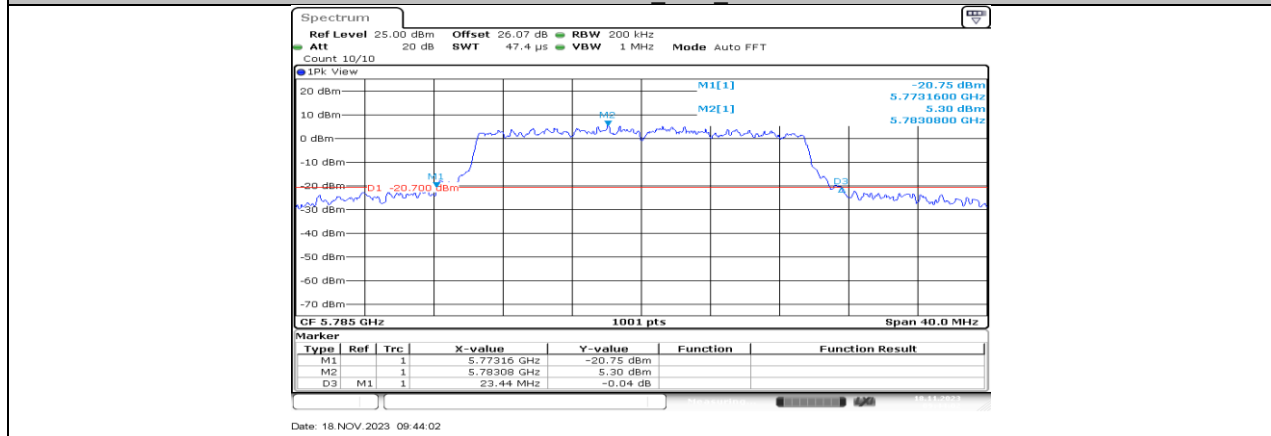
11AX20MIMO\_Ant1\_5745

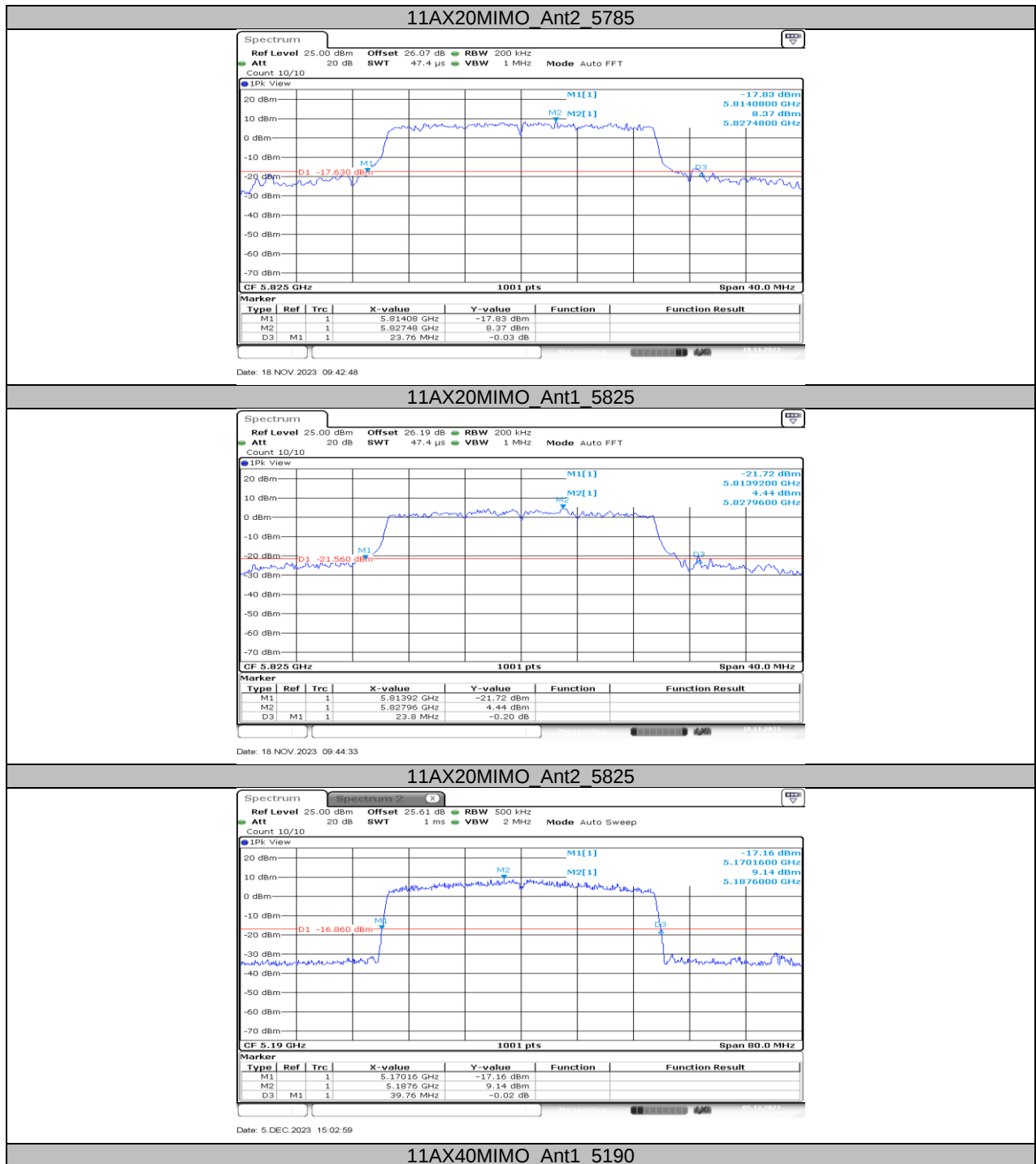


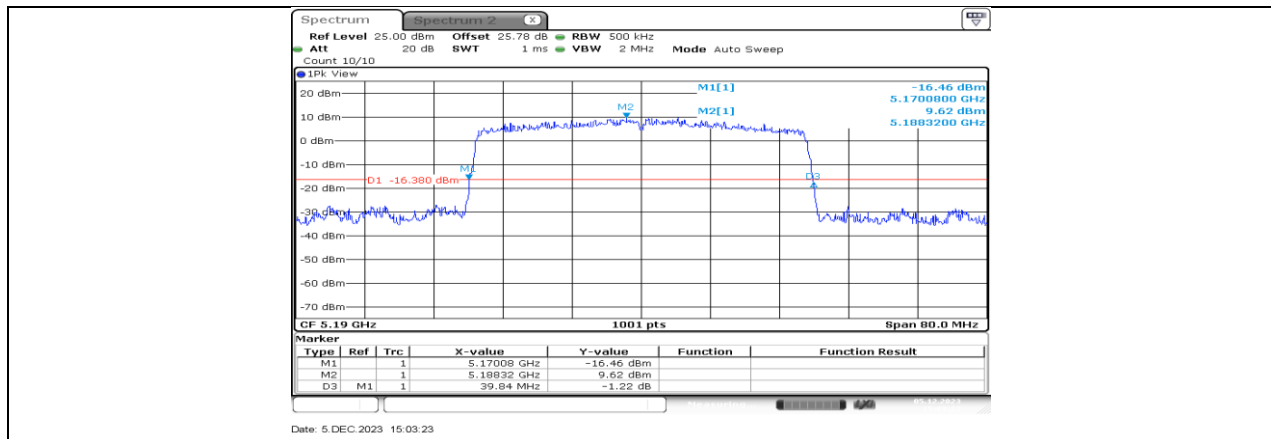
11AX20MIMO\_Ant2\_5745



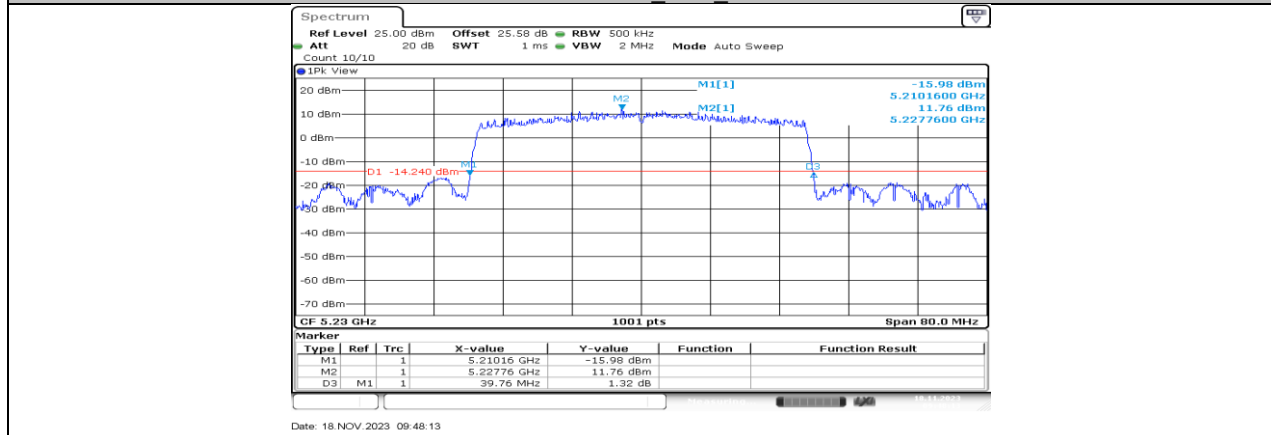
11AX20MIMO\_Ant1\_5785



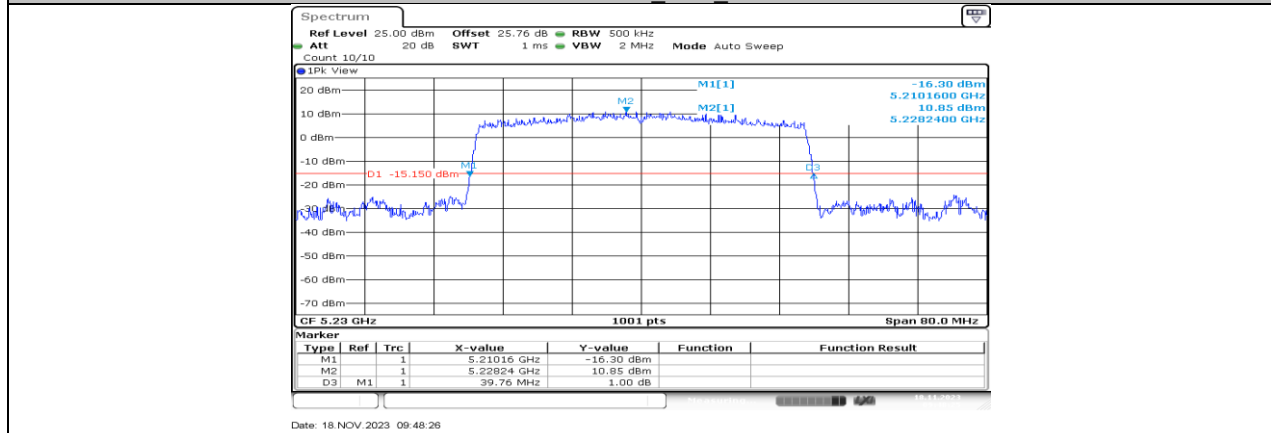




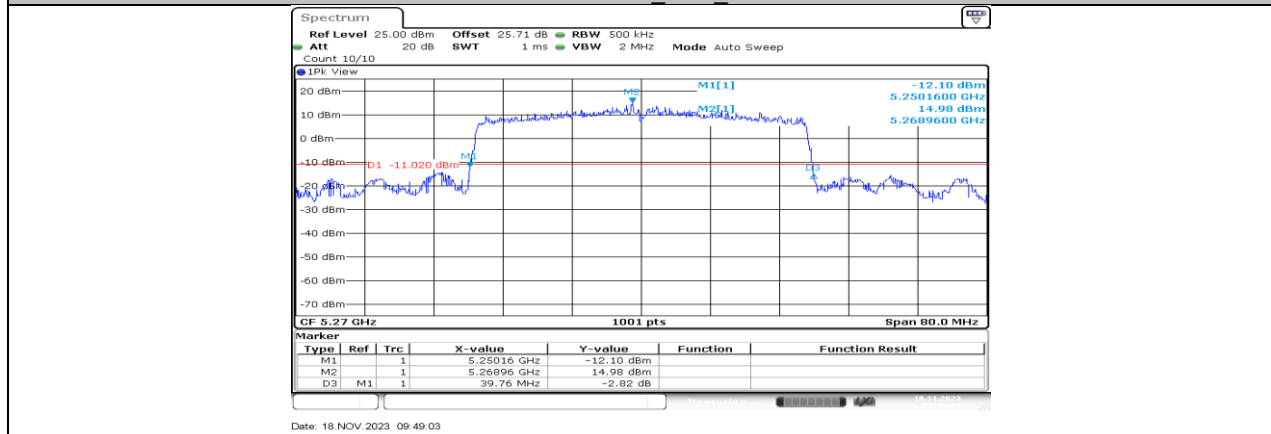
11AX40MIMO\_Ant2\_5190

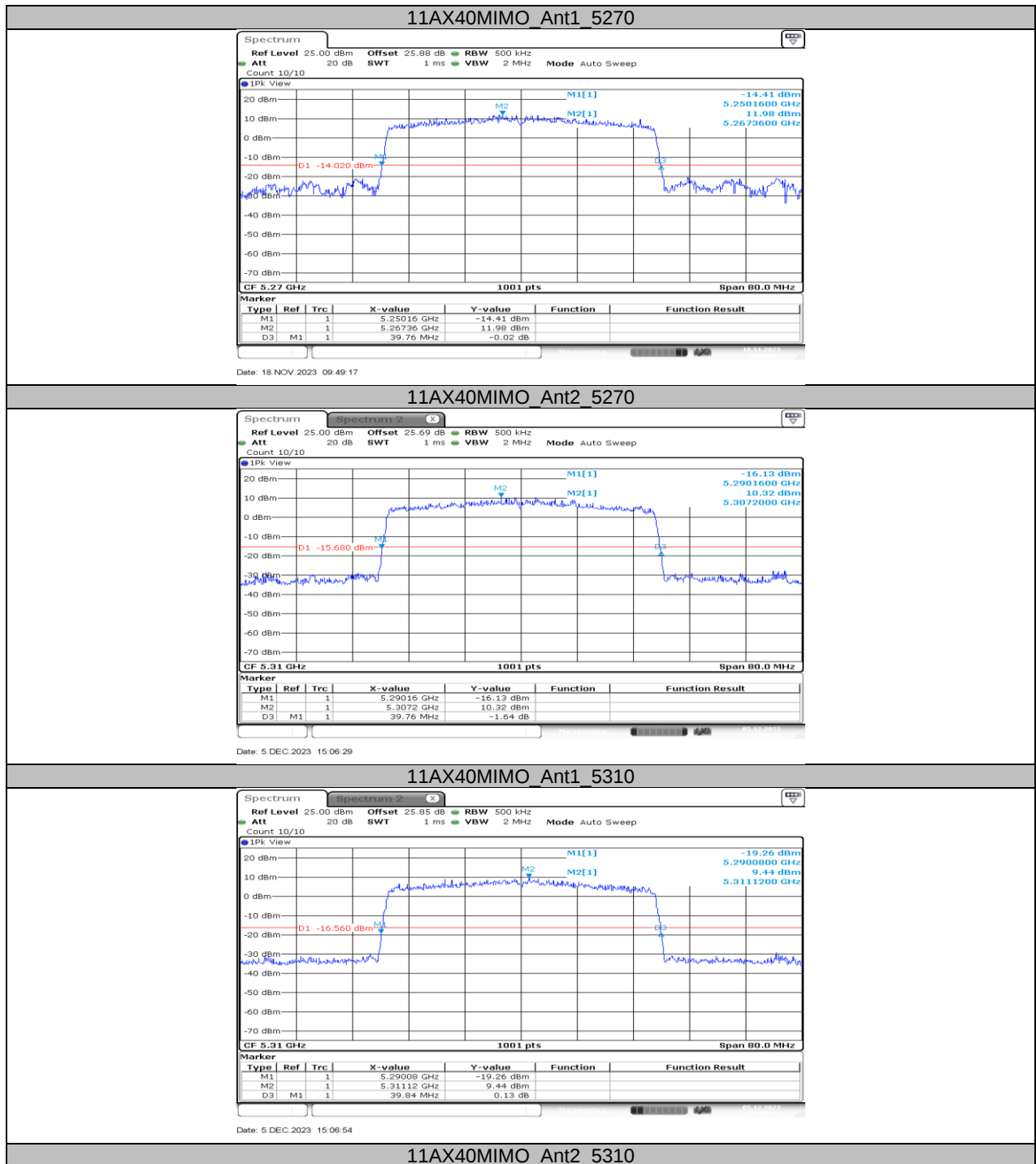


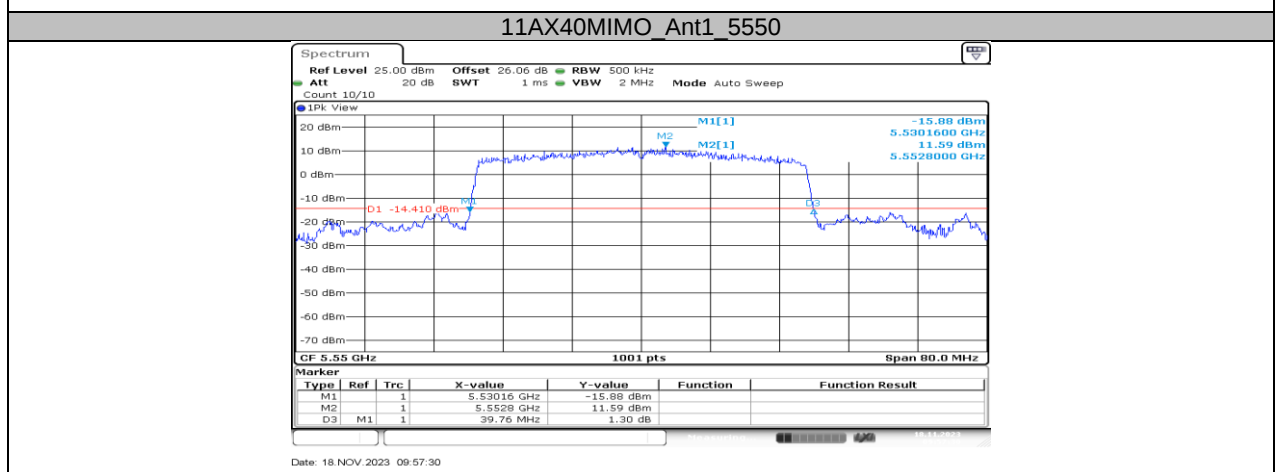
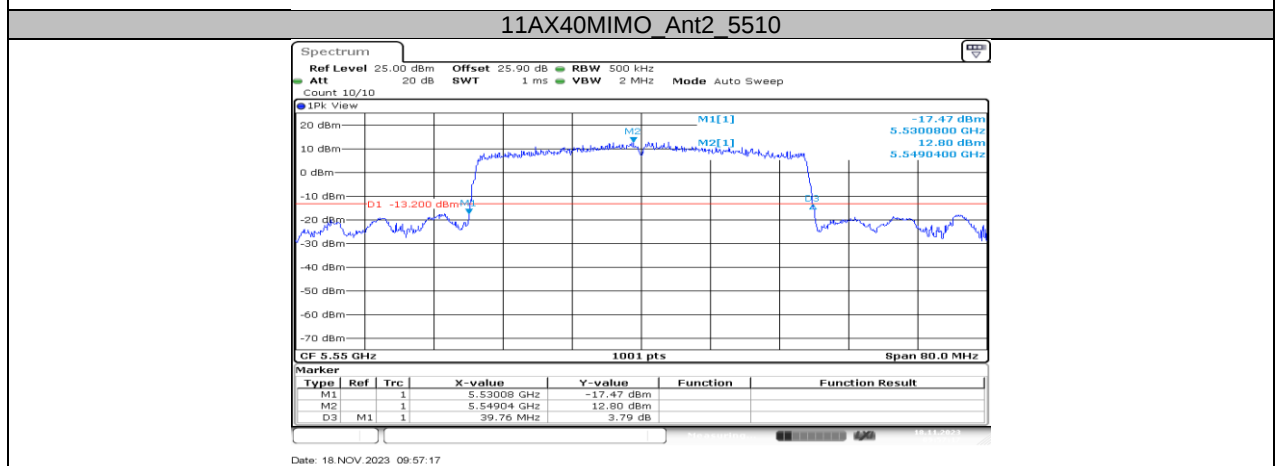
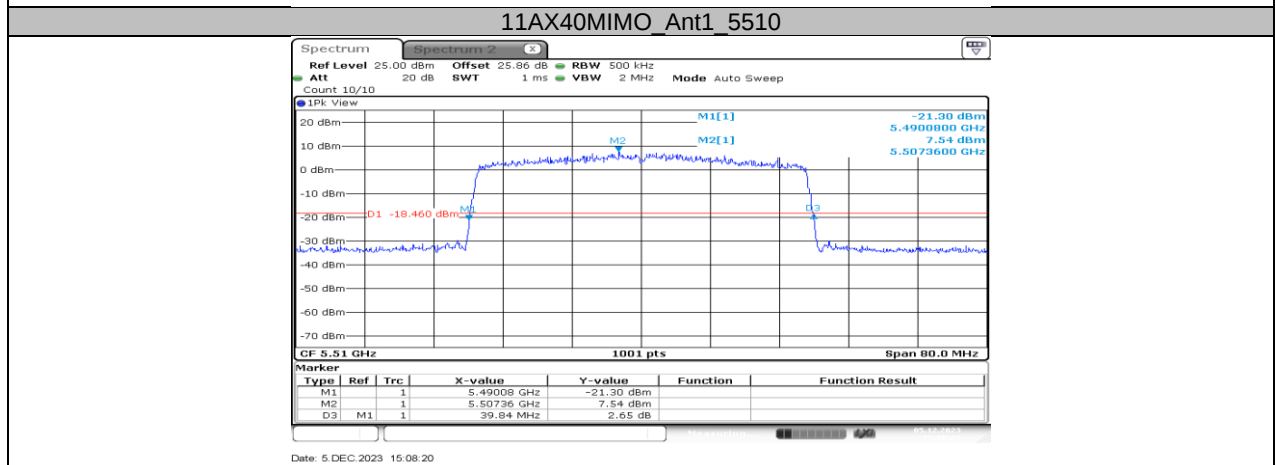
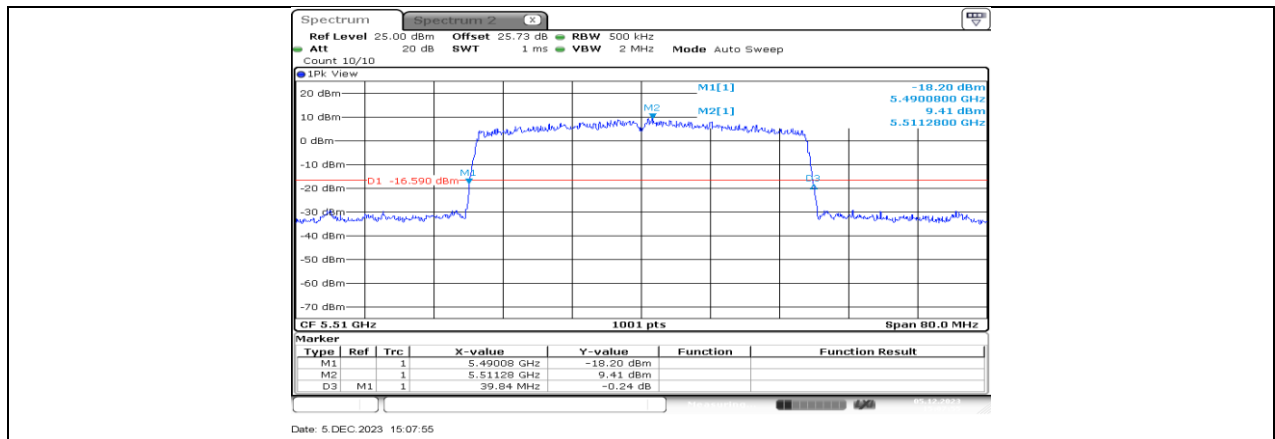
11AX40MIMO\_Ant1\_5230

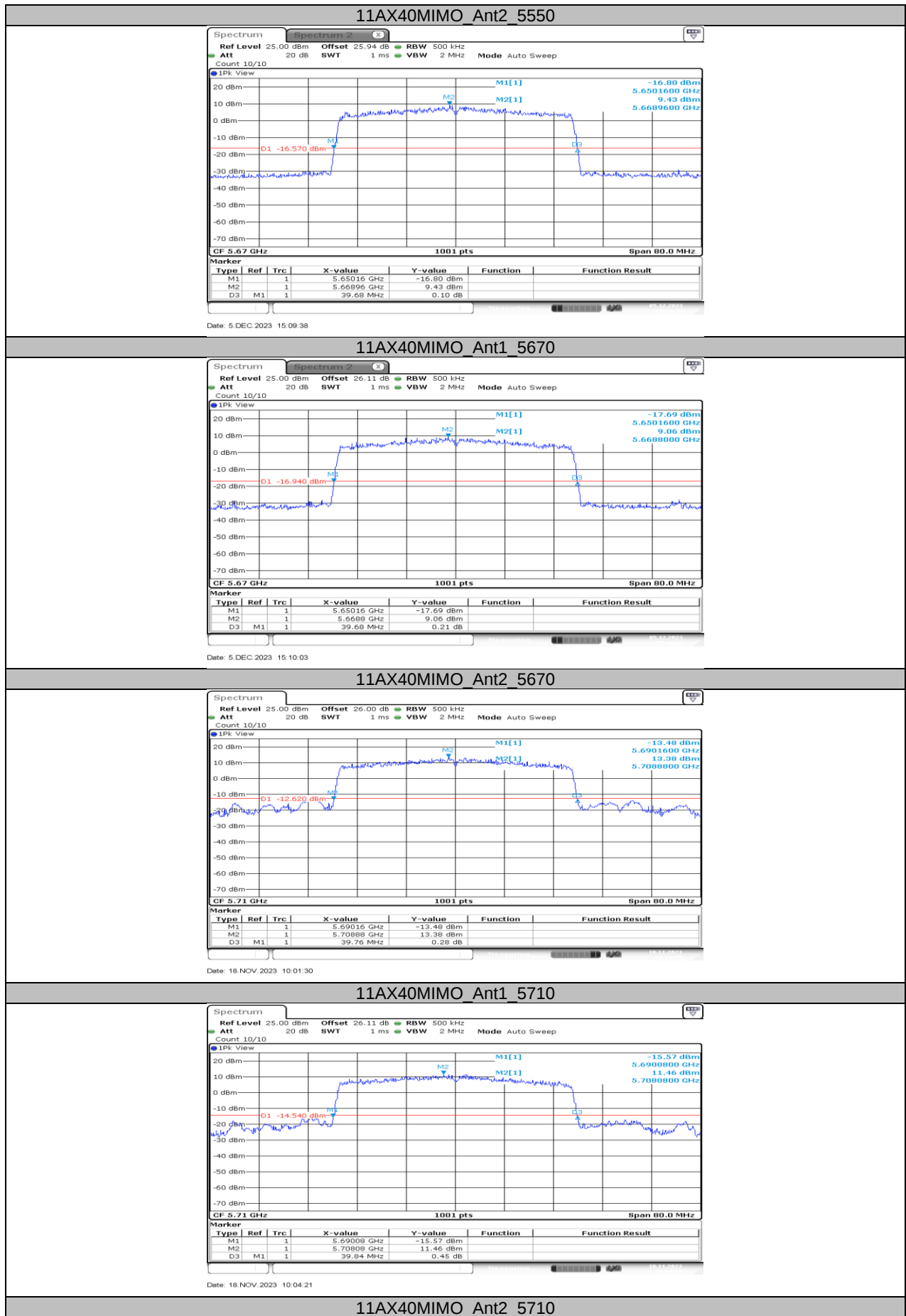


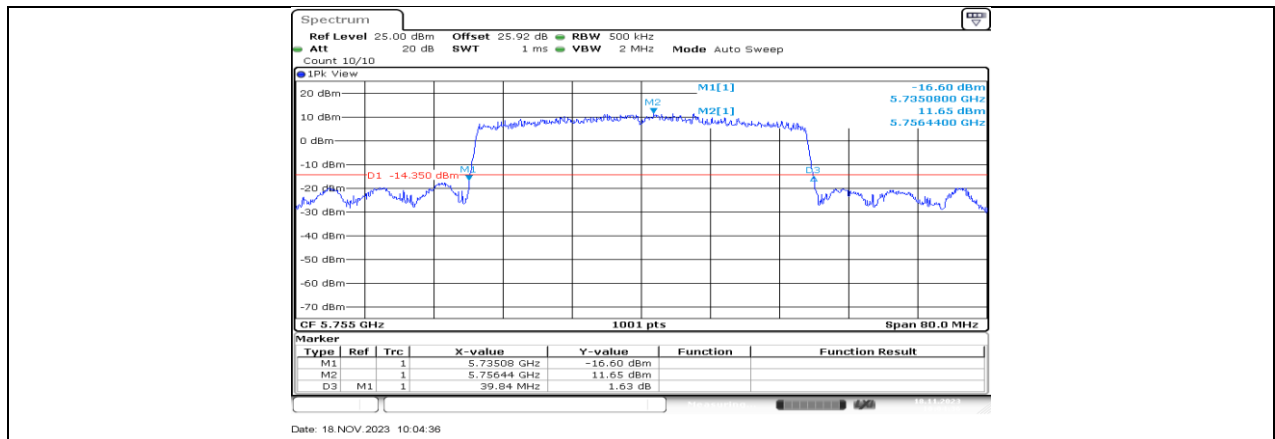
11AX40MIMO\_Ant2\_5230



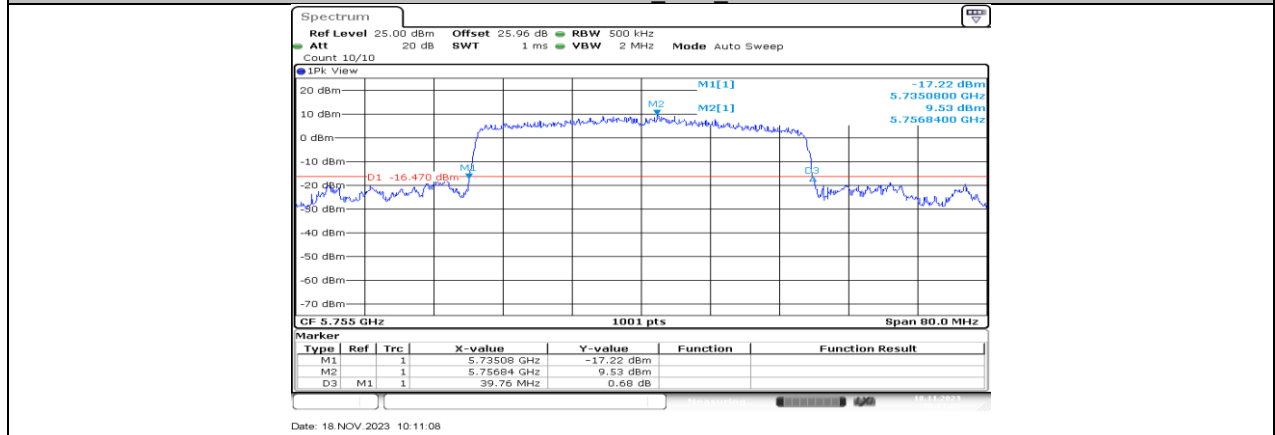




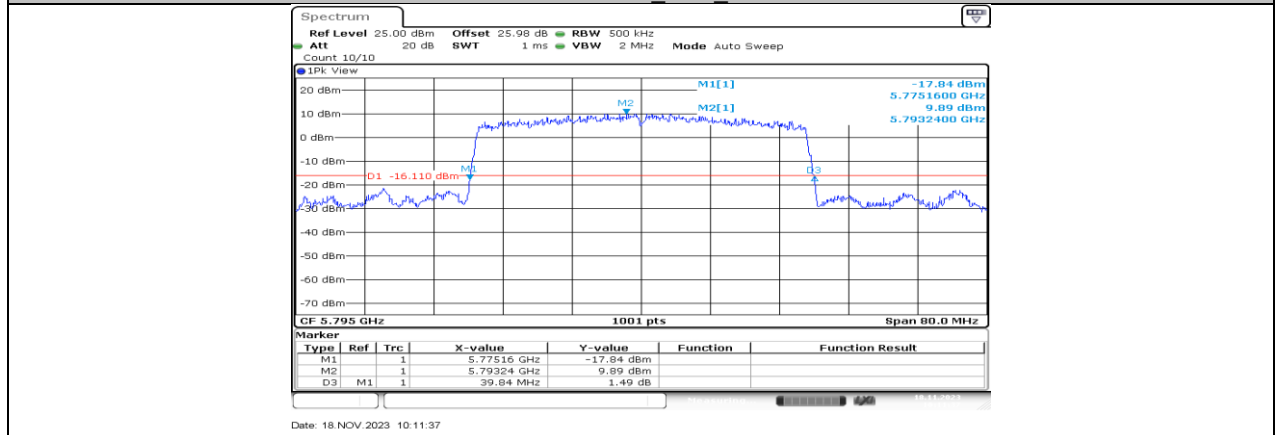




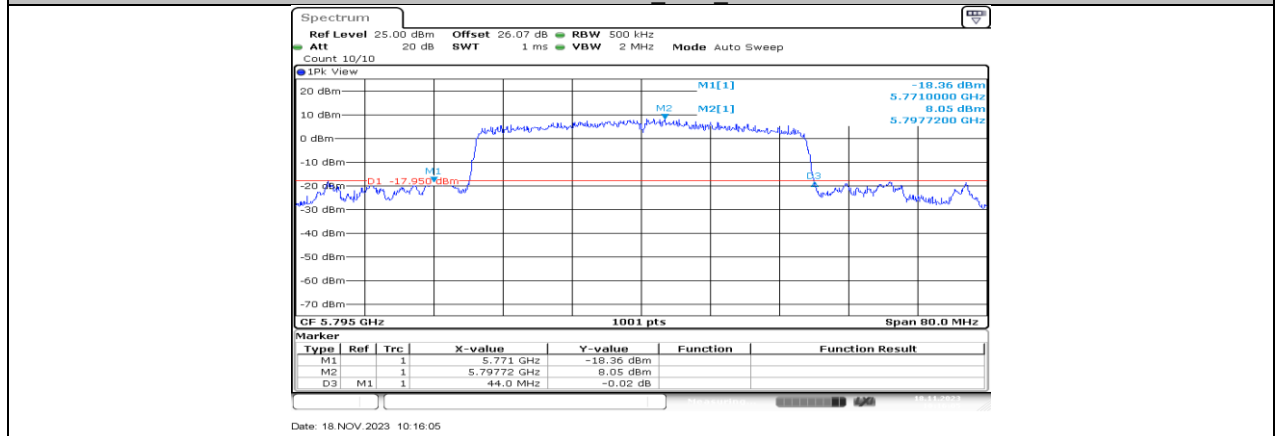
11AX40MIMO\_Ant1\_5755

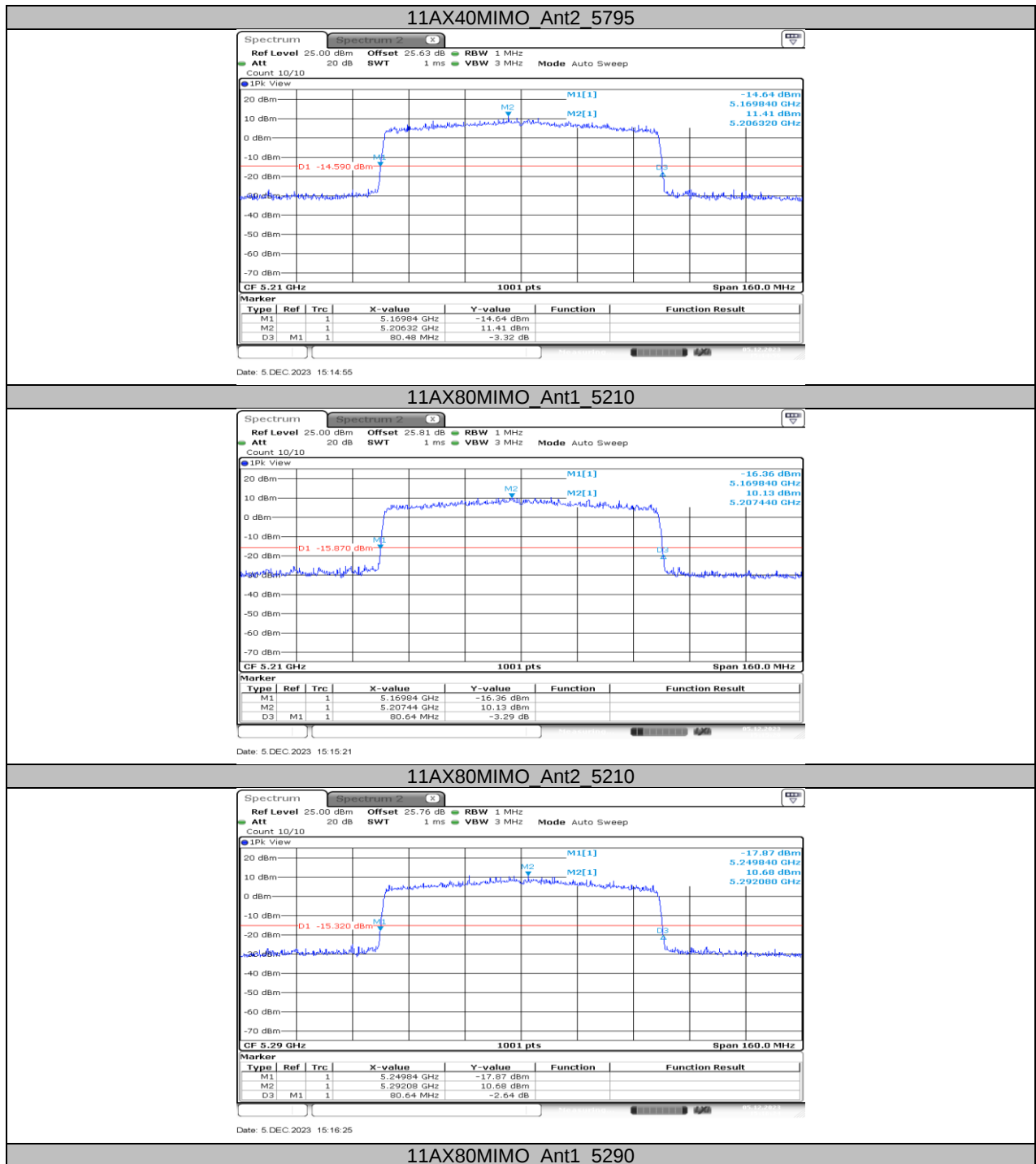


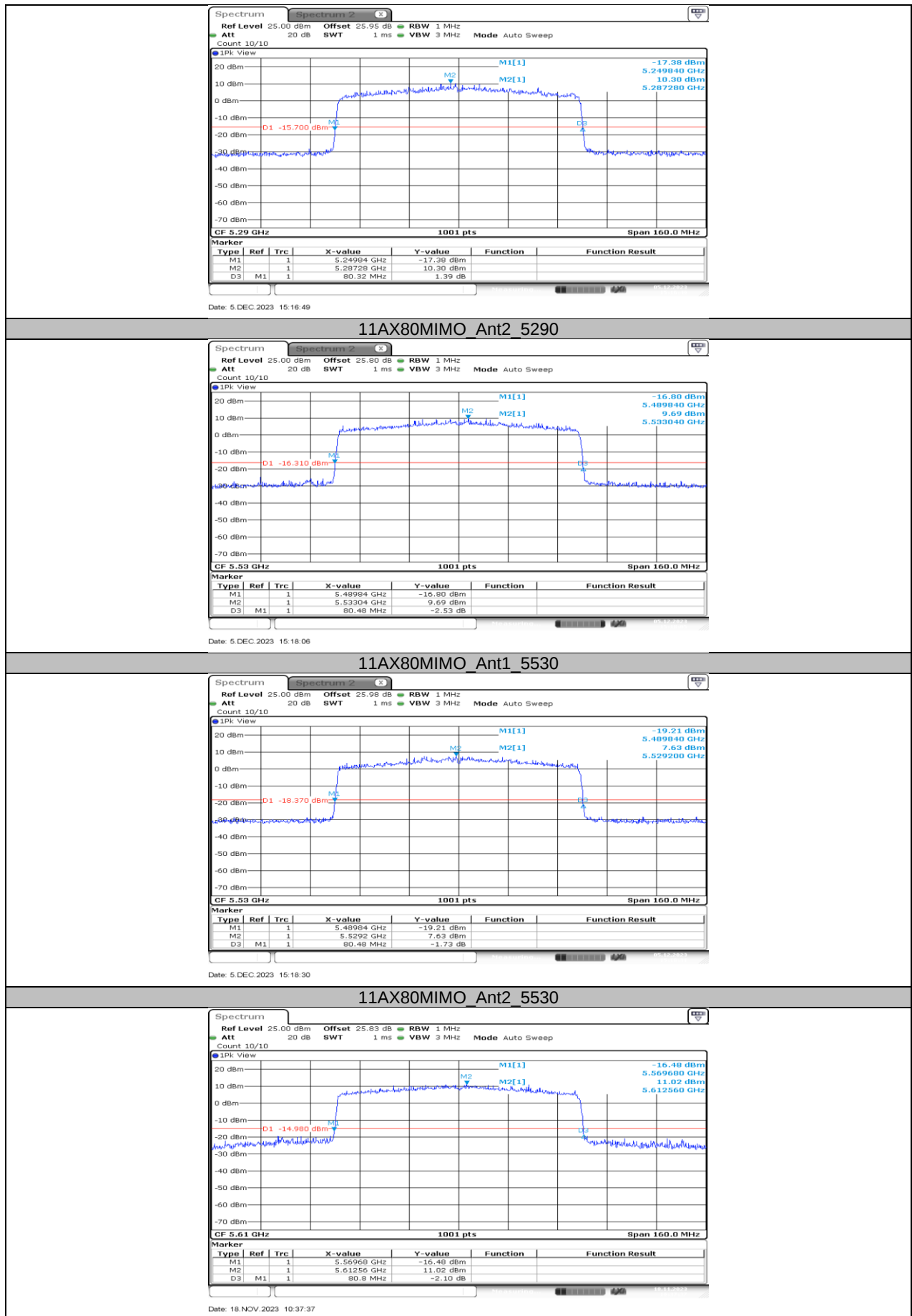
11AX40MIMO\_Ant2\_5755

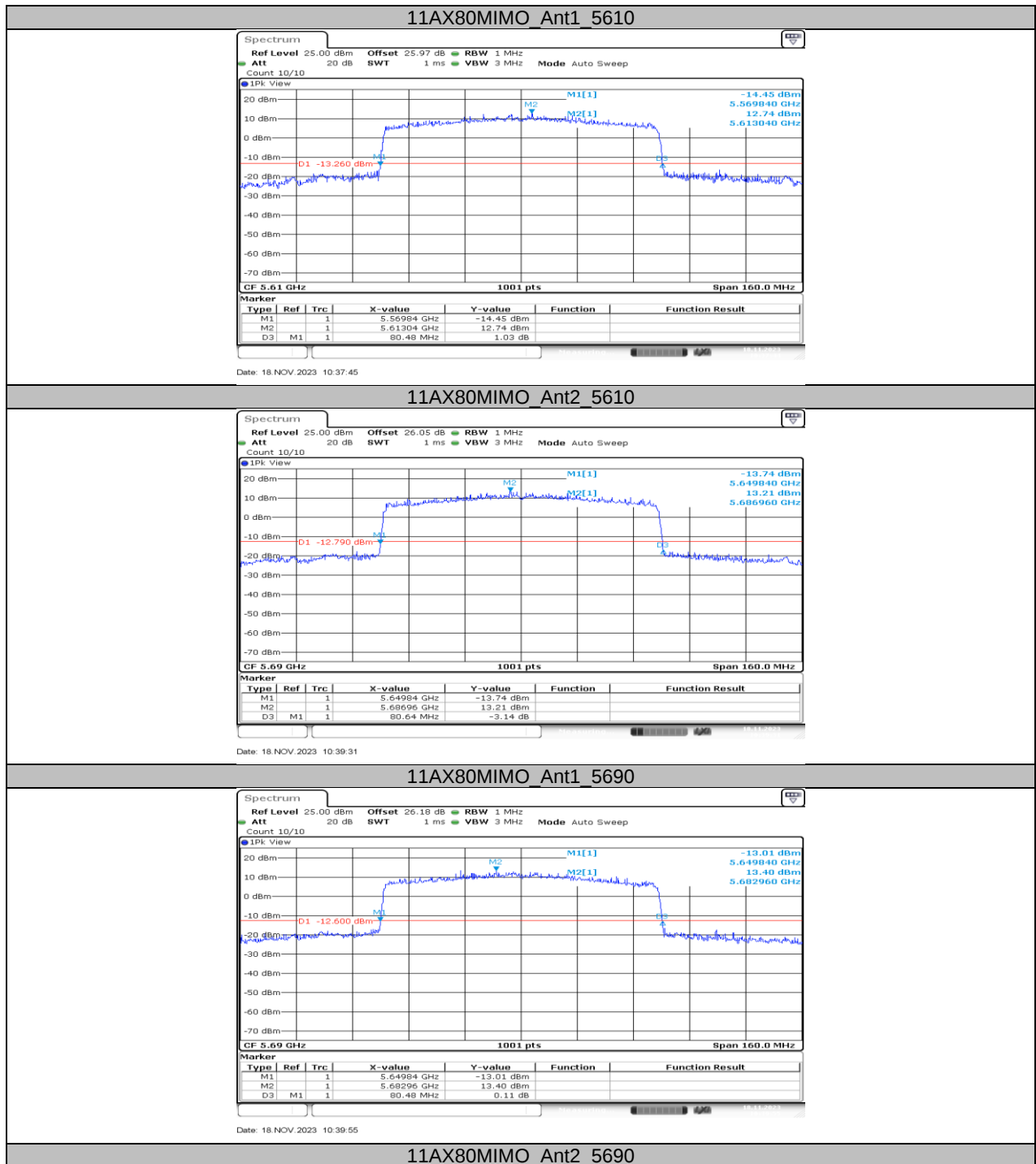


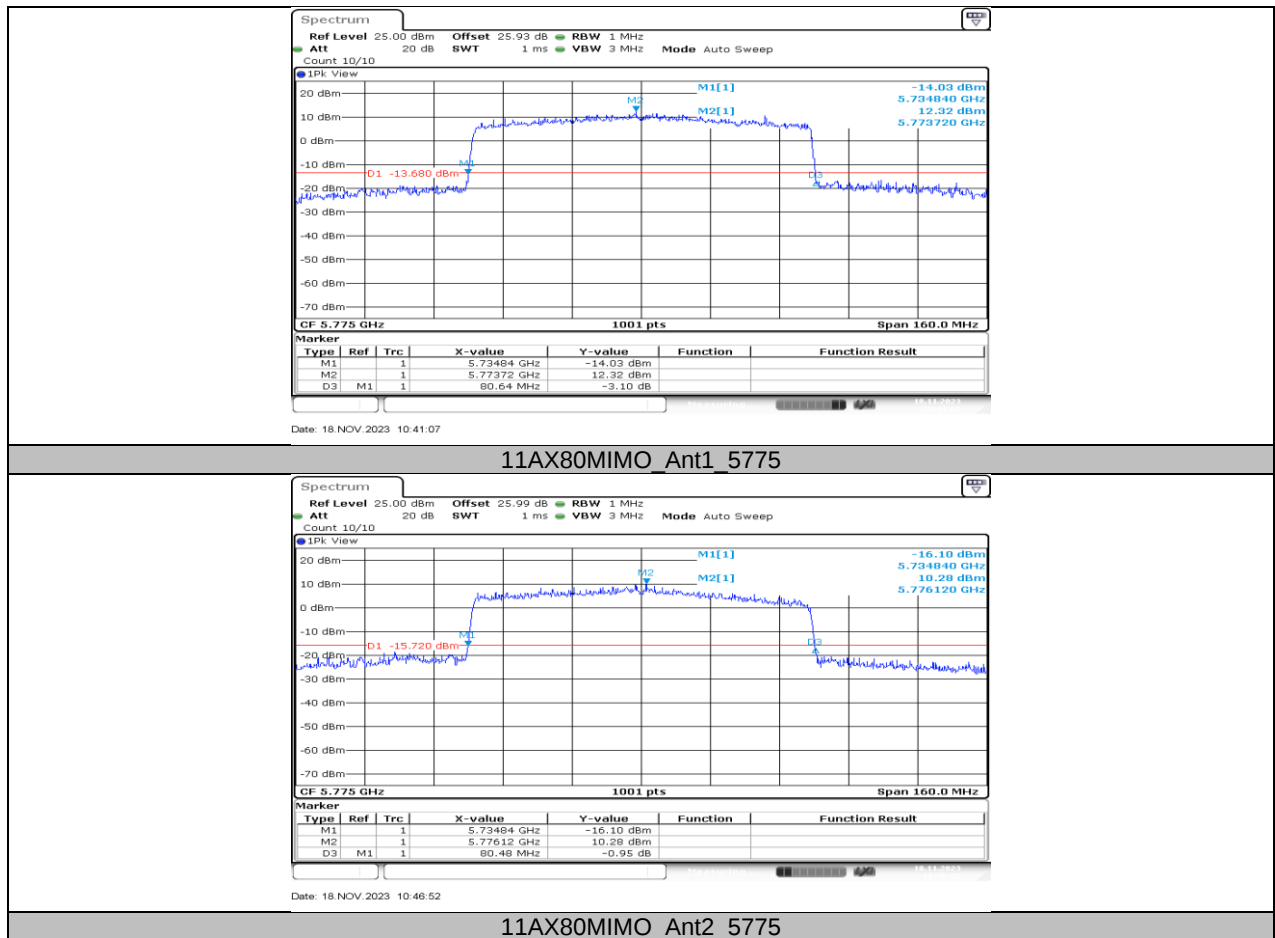
11AX40MIMO\_Ant1\_5795











## 12.2. APPENDIX A5: OCCUPIED CHANNEL BANDWIDTH

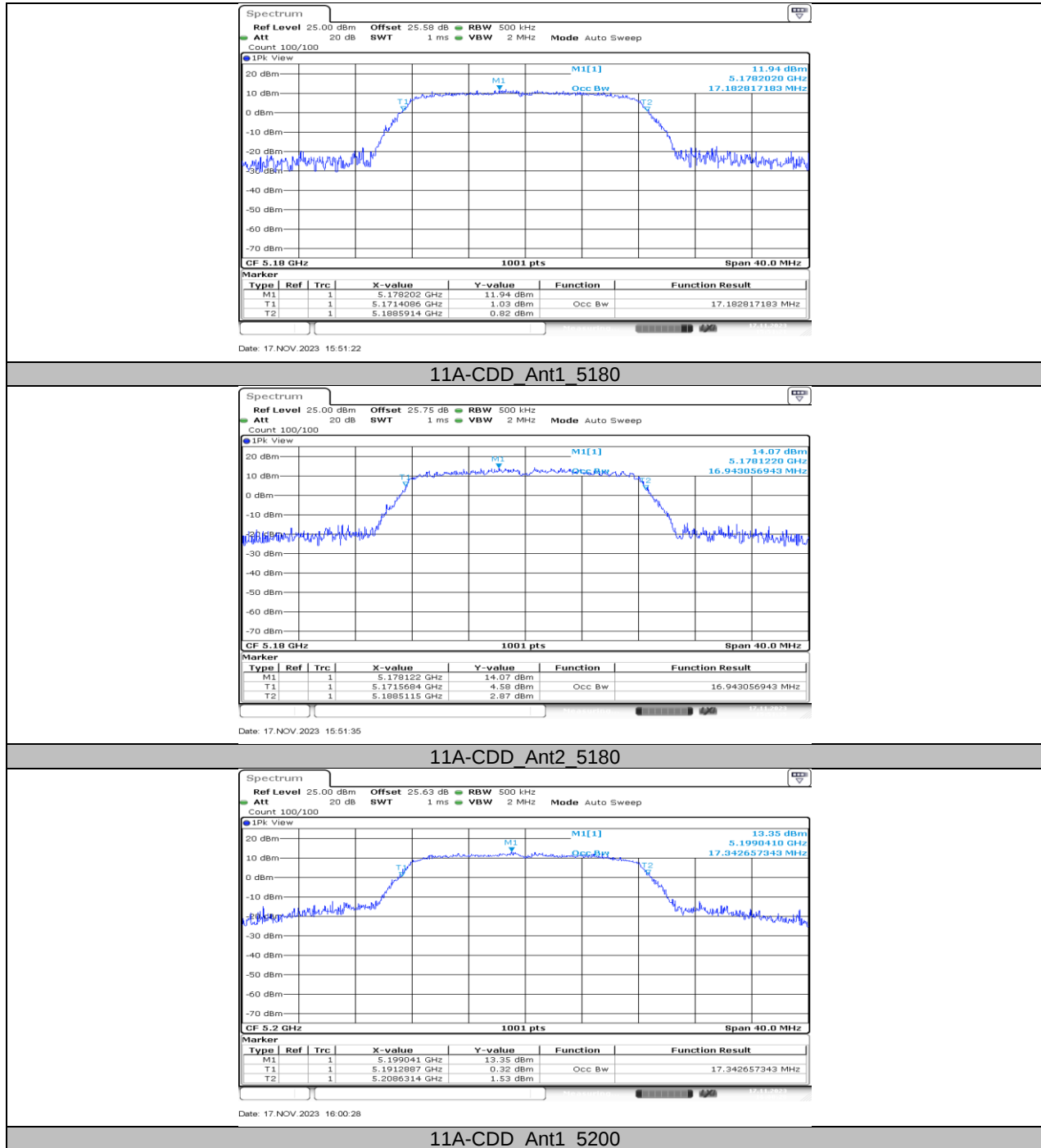
### 12.2.1. Test Result

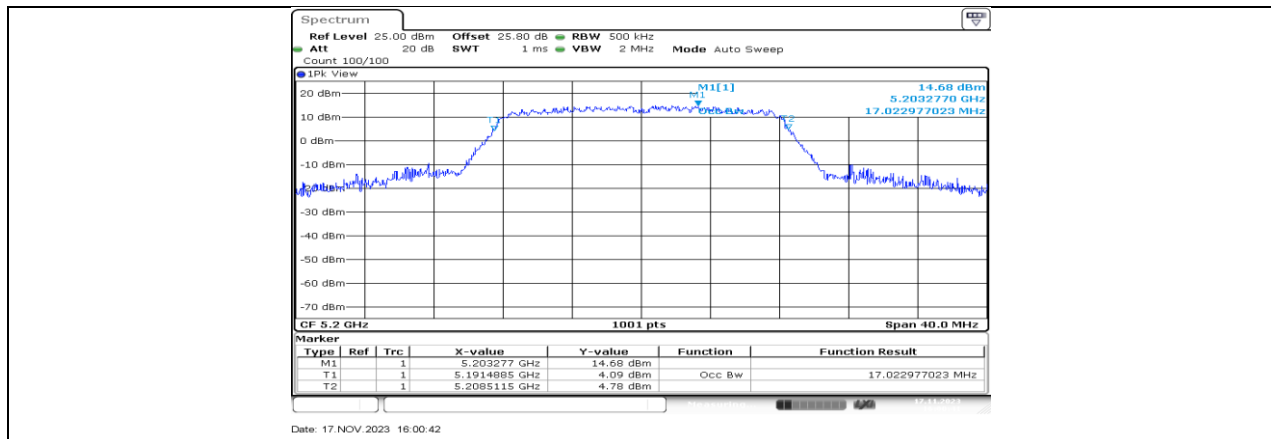
| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|---------|
| 11A-CDD   | Ant1    | 5180           | 17.183    | 5171.4086 | 5188.5914 | PASS    |
|           | Ant2    | 5180           | 16.943    | 5171.5684 | 5188.5115 | PASS    |
|           | Ant1    | 5200           | 17.343    | 5191.2887 | 5208.6314 | PASS    |
|           | Ant2    | 5200           | 17.023    | 5191.4885 | 5208.5115 | PASS    |
|           | Ant1    | 5240           | 17.622    | 5231.2088 | 5248.8312 | PASS    |
|           | Ant2    | 5240           | 16.943    | 5231.5285 | 5248.4715 | PASS    |
|           | Ant1    | 5260           | 17.263    | 5251.3686 | 5268.6314 | PASS    |
|           | Ant2    | 5260           | 16.903    | 5251.5684 | 5268.4715 | PASS    |
|           | Ant1    | 5280           | 17.263    | 5271.3686 | 5288.6314 | PASS    |
|           | Ant2    | 5280           | 16.903    | 5271.5684 | 5288.4715 | PASS    |
|           | Ant1    | 5320           | 17.263    | 5311.3287 | 5328.5914 | PASS    |
|           | Ant2    | 5320           | 16.903    | 5311.5285 | 5328.4316 | PASS    |
|           | Ant1    | 5500           | 17.343    | 5491.3686 | 5508.7113 | PASS    |
|           | Ant2    | 5500           | 16.903    | 5491.5684 | 5508.4715 | PASS    |
|           | Ant1    | 5580           | 17.383    | 5571.2887 | 5588.6713 | PASS    |
|           | Ant2    | 5580           | 17.023    | 5571.4885 | 5588.5115 | PASS    |
|           | Ant1    | 5700           | 17.263    | 5691.3686 | 5708.6314 | PASS    |
|           | Ant2    | 5700           | 16.863    | 5691.5684 | 5708.4316 | PASS    |
|           | Ant1    | 5720           | 17.223    | 5711.4086 | 5728.6314 | PASS    |
|           | Ant2    | 5720           | 16.903    | 5711.5285 | 5728.4316 | PASS    |
|           | Ant1    | 5720 UNII-2C   | 13.591    | 5711.4086 | 5725      | PASS    |
|           | Ant2    | 5720 UNII-2C   | 13.471    | 5711.5285 | 5725      | PASS    |
|           | Ant1    | 5720 UNII-3    | 3.631     | 5725      | 5728.6314 | PASS    |
|           | Ant2    | 5720 UNII-3    | 3.432     | 5725      | 5728.4316 | PASS    |
|           | Ant1    | 5745           | 17.463    | 5736.2488 | 5753.7113 | PASS    |
|           | Ant2    | 5745           | 17.383    | 5736.2488 | 5753.6314 | PASS    |
|           | Ant1    | 5785           | 17.343    | 5776.3287 | 5793.6713 | PASS    |
|           | Ant2    | 5785           | 17.303    | 5776.3287 | 5793.6314 | PASS    |
|           | Ant1    | 5825           | 17.463    | 5816.2887 | 5833.7512 | PASS    |
|           | Ant2    | 5825           | 17.343    | 5816.3287 | 5833.6713 | PASS    |
| 11N20MIMO | Ant1    | 5180           | 18.182    | 5170.8891 | 5189.0709 | PASS    |
|           | Ant2    | 5180           | 17.822    | 5171.1289 | 5188.9510 | PASS    |
|           | Ant1    | 5200           | 18.142    | 5190.9291 | 5209.0709 | PASS    |
|           | Ant2    | 5200           | 17.862    | 5191.0889 | 5208.9510 | PASS    |
|           | Ant1    | 5240           | 18.222    | 5230.8891 | 5249.1109 | PASS    |
|           | Ant2    | 5240           | 17.862    | 5231.0889 | 5248.9510 | PASS    |
|           | Ant1    | 5260           | 18.222    | 5250.8891 | 5269.1109 | PASS    |
|           | Ant2    | 5260           | 17.862    | 5251.0889 | 5268.9510 | PASS    |
|           | Ant1    | 5280           | 18.182    | 5270.9291 | 5289.1109 | PASS    |
|           | Ant2    | 5280           | 17.862    | 5271.0889 | 5288.9510 | PASS    |
|           | Ant1    | 5320           | 18.142    | 5310.9291 | 5329.0709 | PASS    |
|           | Ant2    | 5320           | 17.822    | 5311.0889 | 5328.9111 | PASS    |
|           | Ant1    | 5500           | 18.222    | 5490.9291 | 5509.1508 | PASS    |
|           | Ant2    | 5500           | 17.902    | 5491.0490 | 5508.9510 | PASS    |
|           | Ant1    | 5580           | 18.222    | 5570.8891 | 5589.1109 | PASS    |
|           | Ant2    | 5580           | 18.062    | 5570.9690 | 5589.0310 | PASS    |
|           | Ant1    | 5700           | 18.182    | 5690.9291 | 5709.1109 | PASS    |
|           | Ant2    | 5700           | 17.822    | 5691.0889 | 5708.9111 | PASS    |
|           | Ant1    | 5720           | 18.102    | 5710.9690 | 5729.0709 | PASS    |
|           | Ant2    | 5720           | 17.862    | 5711.0490 | 5728.9111 | PASS    |
|           | Ant1    | 5720 UNII-2C   | 14.031    | 5710.9690 | 5725      | PASS    |
|           | Ant2    | 5720 UNII-2C   | 13.951    | 5711.0490 | 5725      | PASS    |
|           | Ant1    | 5720 UNII-3    | 4.071     | 5725      | 5729.0709 | PASS    |
|           | Ant2    | 5720 UNII-3    | 3.911     | 5725      | 5728.9111 | PASS    |
|           | Ant1    | 5745           | 18.142    | 5735.9291 | 5754.0709 | PASS    |
|           | Ant2    | 5745           | 18.182    | 5735.8891 | 5754.0709 | PASS    |

|            |      |              |        |           |           |      |
|------------|------|--------------|--------|-----------|-----------|------|
|            | Ant1 | 5785         | 18.182 | 5775.9291 | 5794.1109 | PASS |
|            | Ant2 | 5785         | 18.182 | 5775.8891 | 5794.0709 | PASS |
|            | Ant1 | 5825         | 18.342 | 5815.8492 | 5834.1908 | PASS |
|            | Ant2 | 5825         | 18.222 | 5815.8492 | 5834.0709 | PASS |
| 11N40MIMO  | Ant1 | 5190         | 36.124 | 5171.9381 | 5208.0619 | PASS |
|            | Ant2 | 5190         | 36.124 | 5172.0180 | 5208.1419 | PASS |
|            | Ant1 | 5230         | 36.444 | 5211.9381 | 5248.3816 | PASS |
|            | Ant2 | 5230         | 36.044 | 5212.0180 | 5248.0619 | PASS |
|            | Ant1 | 5270         | 36.124 | 5252.0180 | 5288.1419 | PASS |
|            | Ant2 | 5270         | 36.044 | 5252.0180 | 5288.0619 | PASS |
|            | Ant1 | 5310         | 36.124 | 5291.9381 | 5328.0619 | PASS |
|            | Ant2 | 5310         | 36.044 | 5291.9381 | 5327.9820 | PASS |
|            | Ant1 | 5510         | 36.284 | 5491.9381 | 5528.2218 | PASS |
|            | Ant2 | 5510         | 35.964 | 5492.0180 | 5527.9820 | PASS |
|            | Ant1 | 5550         | 36.444 | 5531.8581 | 5568.3017 | PASS |
|            | Ant2 | 5550         | 36.284 | 5531.7782 | 5568.0619 | PASS |
|            | Ant1 | 5670         | 36.284 | 5651.8581 | 5688.1419 | PASS |
|            | Ant2 | 5670         | 36.124 | 5651.9381 | 5688.0619 | PASS |
|            | Ant1 | 5710         | 36.284 | 5691.8581 | 5728.1419 | PASS |
|            | Ant2 | 5710         | 36.124 | 5691.9381 | 5728.0619 | PASS |
|            | Ant1 | 5710 UNII-2C | 33.142 | 5691.8581 | 5725      | PASS |
|            | Ant2 | 5710 UNII-2C | 33.062 | 5691.9381 | 5725      | PASS |
|            | Ant1 | 5710 UNII-3  | 3.142  | 5725      | 5728.1419 | PASS |
|            | Ant2 | 5710 UNII-3  | 3.062  | 5725      | 5728.0619 | PASS |
|            | Ant1 | 5755         | 36.204 | 5736.9381 | 5773.1419 | PASS |
|            | Ant2 | 5755         | 36.523 | 5736.6184 | 5773.1419 | PASS |
|            | Ant1 | 5795         | 36.204 | 5776.9381 | 5813.1419 | PASS |
|            | Ant2 | 5795         | 36.603 | 5776.6184 | 5813.2218 | PASS |
| 11AC80MIMO | Ant1 | 5210         | 75.125 | 5172.4376 | 5247.5624 | PASS |
|            | Ant2 | 5210         | 75.125 | 5172.4376 | 5247.5624 | PASS |
|            | Ant1 | 5290         | 75.125 | 5252.4376 | 5327.5624 | PASS |
|            | Ant2 | 5290         | 75.125 | 5252.5974 | 5327.7223 | PASS |
|            | Ant1 | 5530         | 75.285 | 5492.4376 | 5567.7223 | PASS |
|            | Ant2 | 5530         | 74.965 | 5492.5974 | 5567.5624 | PASS |
|            | Ant1 | 5610         | 75.445 | 5572.2777 | 5647.7223 | PASS |
|            | Ant2 | 5610         | 75.445 | 5572.4376 | 5647.8821 | PASS |
|            | Ant1 | 5690         | 75.125 | 5652.5974 | 5727.7223 | PASS |
|            | Ant2 | 5690         | 75.285 | 5652.2777 | 5727.5624 | PASS |
|            | Ant1 | 5690 UNII-2C | 72.403 | 5652.5974 | 5725      | PASS |
|            | Ant2 | 5690 UNII-2C | 72.722 | 5652.2777 | 5725      | PASS |
|            | Ant1 | 5690 UNII-3  | 2.722  | 5725      | 5727.7223 | PASS |
|            | Ant2 | 5690 UNII-3  | 2.562  | 5725      | 5727.5624 | PASS |
|            | Ant1 | 5775         | 75.285 | 5737.4376 | 5812.7223 | PASS |
|            | Ant2 | 5775         | 75.604 | 5736.9580 | 5812.5624 | PASS |
| 11AX20MIMO | Ant1 | 5180         | 19.381 | 5170.2897 | 5189.6703 | PASS |
|            | Ant2 | 5180         | 19.341 | 5170.3297 | 5189.6703 | PASS |
|            | Ant1 | 5200         | 19.421 | 5190.2897 | 5209.7103 | PASS |
|            | Ant2 | 5200         | 19.5   | 5190.2498 | 5209.7502 | PASS |
|            | Ant1 | 5240         | 19.021 | 5230.4895 | 5249.5105 | PASS |
|            | Ant2 | 5240         | 18.941 | 5230.5295 | 5249.4705 | PASS |
|            | Ant1 | 5260         | 19.5   | 5250.2897 | 5269.7902 | PASS |
|            | Ant2 | 5260         | 19.381 | 5250.3297 | 5269.7103 | PASS |
|            | Ant1 | 5280         | 19.421 | 5270.3297 | 5289.7502 | PASS |
|            | Ant2 | 5280         | 19.341 | 5270.3297 | 5289.6703 | PASS |
|            | Ant1 | 5320         | 19.421 | 5310.2897 | 5329.7103 | PASS |
|            | Ant2 | 5320         | 19.421 | 5310.2498 | 5329.6703 | PASS |
|            | Ant1 | 5500         | 19.54  | 5490.2098 | 5509.7502 | PASS |
|            | Ant2 | 5500         | 19.421 | 5490.2897 | 5509.7103 | PASS |
|            | Ant1 | 5580         | 19.421 | 5570.3297 | 5589.7502 | PASS |
|            | Ant2 | 5580         | 19.461 | 5570.2897 | 5589.7502 | PASS |
|            | Ant1 | 5700         | 19.341 | 5690.3297 | 5709.6703 | PASS |
|            | Ant2 | 5700         | 19.381 | 5690.2897 | 5709.6703 | PASS |
|            | Ant1 | 5720         | 19.5   | 5710.2498 | 5729.7502 | PASS |
|            | Ant2 | 5720         | 19.341 | 5710.3297 | 5729.6703 | PASS |

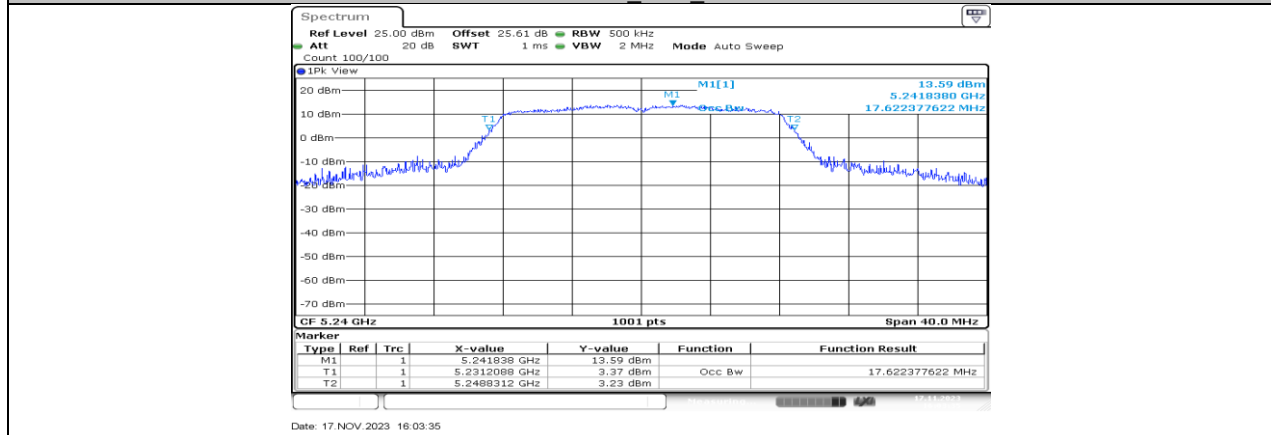
|            |      |              |        |           |           |      |
|------------|------|--------------|--------|-----------|-----------|------|
|            | Ant1 | 5720 UNII-2C | 14.75  | 5710.2498 | 5725      | PASS |
|            | Ant2 | 5720 UNII-2C | 14.67  | 5710.3297 | 5725      | PASS |
|            | Ant1 | 5720 UNII-3  | 4.75   | 5725      | 5729.7502 | PASS |
|            | Ant2 | 5720 UNII-3  | 4.67   | 5725      | 5729.6703 | PASS |
|            | Ant1 | 5745         | 19.421 | 5735.2897 | 5754.7103 | PASS |
|            | Ant2 | 5745         | 19.7   | 5735.0899 | 5754.7902 | PASS |
|            | Ant1 | 5785         | 19.421 | 5775.2897 | 5794.7103 | PASS |
|            | Ant2 | 5785         | 19.78  | 5775.0500 | 5794.8302 | PASS |
|            | Ant1 | 5825         | 19.54  | 5815.3297 | 5834.8701 | PASS |
| 11AX40MIMO | Ant2 | 5825         | 19.82  | 5815.0500 | 5834.8701 | PASS |
|            | Ant1 | 5190         | 37.562 | 5171.2188 | 5208.7812 | PASS |
|            | Ant2 | 5190         | 37.642 | 5171.2188 | 5208.8611 | PASS |
|            | Ant1 | 5230         | 37.722 | 5211.2188 | 5248.9411 | PASS |
|            | Ant2 | 5230         | 37.562 | 5211.2987 | 5248.8611 | PASS |
|            | Ant1 | 5270         | 37.802 | 5251.1389 | 5288.9411 | PASS |
|            | Ant2 | 5270         | 37.562 | 5251.2188 | 5288.7812 | PASS |
|            | Ant1 | 5310         | 37.562 | 5291.2188 | 5328.7812 | PASS |
|            | Ant2 | 5310         | 37.562 | 5291.1389 | 5328.7013 | PASS |
|            | Ant1 | 5510         | 37.642 | 5491.2987 | 5528.9411 | PASS |
|            | Ant2 | 5510         | 37.722 | 5491.1389 | 5528.8611 | PASS |
|            | Ant1 | 5550         | 37.722 | 5531.2188 | 5568.9411 | PASS |
|            | Ant2 | 5550         | 37.722 | 5531.1389 | 5568.8611 | PASS |
|            | Ant1 | 5670         | 37.562 | 5651.2188 | 5688.7812 | PASS |
|            | Ant2 | 5670         | 37.562 | 5651.2188 | 5688.7812 | PASS |
|            | Ant1 | 5710         | 37.483 | 5691.2987 | 5728.7812 | PASS |
|            | Ant2 | 5710         | 37.642 | 5691.2188 | 5728.8611 | PASS |
|            | Ant1 | 5710 UNII-2C | 33.701 | 5691.2987 | 5725      | PASS |
|            | Ant2 | 5710 UNII-2C | 33.781 | 5691.2188 | 5725      | PASS |
|            | Ant1 | 5710 UNII-3  | 3.781  | 5725      | 5728.7812 | PASS |
|            | Ant2 | 5710 UNII-3  | 3.861  | 5725      | 5728.8611 | PASS |
|            | Ant1 | 5755         | 37.802 | 5736.1389 | 5773.9411 | PASS |
|            | Ant2 | 5755         | 38.042 | 5735.8991 | 5773.9411 | PASS |
|            | Ant1 | 5795         | 37.722 | 5776.2188 | 5813.9411 | PASS |
|            | Ant2 | 5795         | 37.882 | 5775.9790 | 5813.8611 | PASS |
| 11AX80MIMO | Ant1 | 5210         | 76.883 | 5171.6384 | 5248.5215 | PASS |
|            | Ant2 | 5210         | 77.043 | 5171.4785 | 5248.5215 | PASS |
|            | Ant1 | 5290         | 76.723 | 5251.6384 | 5328.3616 | PASS |
|            | Ant2 | 5290         | 76.723 | 5251.7982 | 5328.5215 | PASS |
|            | Ant1 | 5530         | 76.723 | 5491.7982 | 5568.5215 | PASS |
|            | Ant2 | 5530         | 76.883 | 5491.6384 | 5568.5215 | PASS |
|            | Ant1 | 5610         | 77.203 | 5571.4785 | 5648.6813 | PASS |
|            | Ant2 | 5610         | 77.522 | 5571.3187 | 5648.8412 | PASS |
|            | Ant1 | 5690         | 76.723 | 5651.7982 | 5728.5215 | PASS |
|            | Ant2 | 5690         | 76.883 | 5651.4785 | 5728.3616 | PASS |
|            | Ant1 | 5690 UNII-2C | 73.202 | 5651.7982 | 5725      | PASS |
|            | Ant2 | 5690 UNII-2C | 73.521 | 5651.4785 | 5725      | PASS |
|            | Ant1 | 5690 UNII-3  | 3.521  | 5725      | 5728.5215 | PASS |
|            | Ant2 | 5690 UNII-3  | 3.362  | 5725      | 5728.3616 | PASS |
|            | Ant1 | 5775         | 77.043 | 5736.6384 | 5813.6813 | PASS |
|            | Ant2 | 5775         | 78.002 | 5735.6793 | 5813.6813 | PASS |

## 12.2.2. Test Graphs

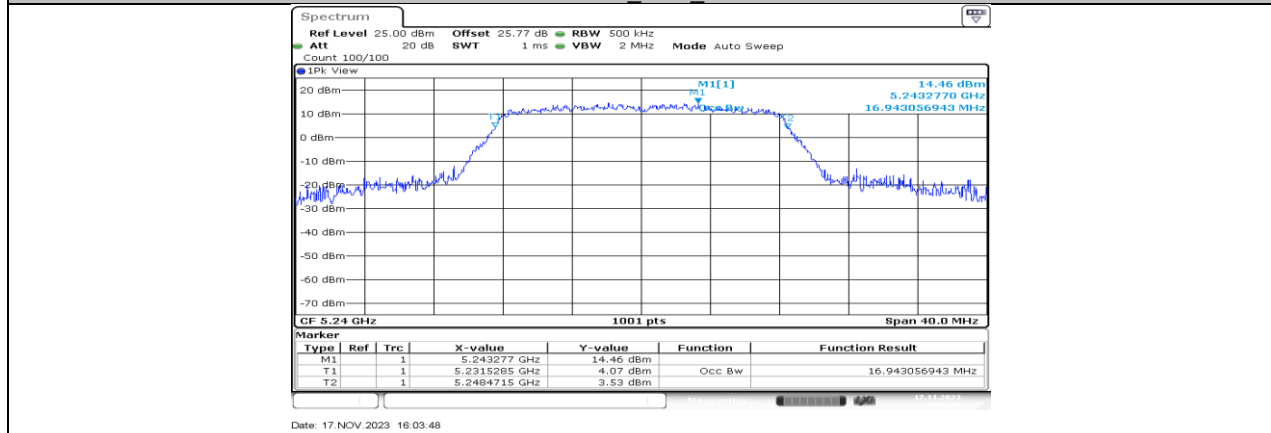




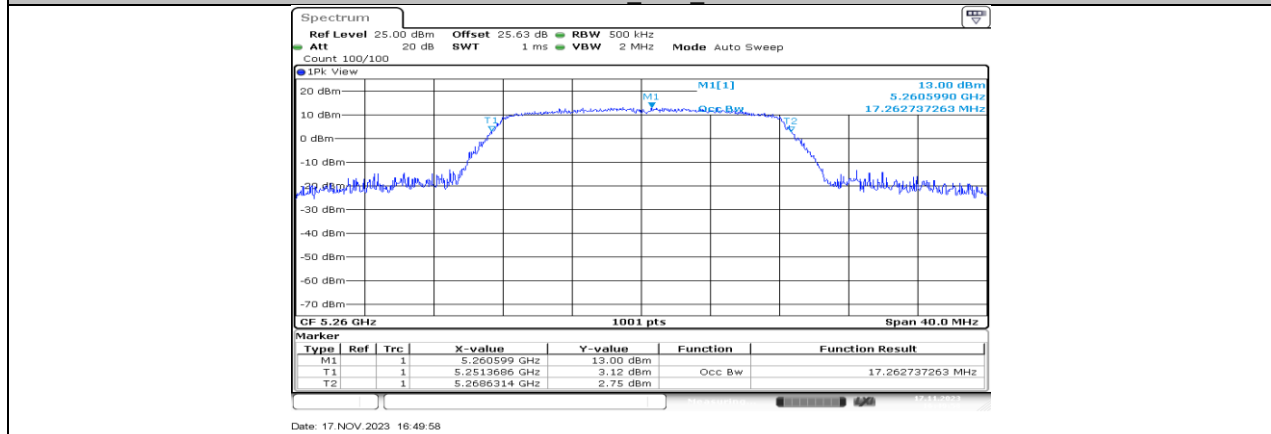
11A-CDD\_Ant2\_5200



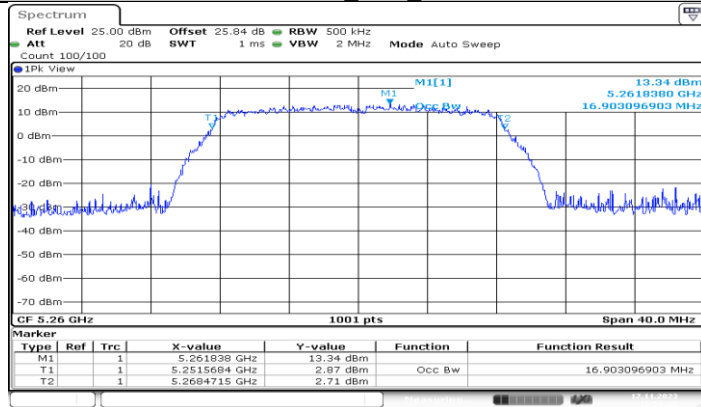
11A-CDD\_Ant1\_5240



11A-CDD\_Ant2\_5240

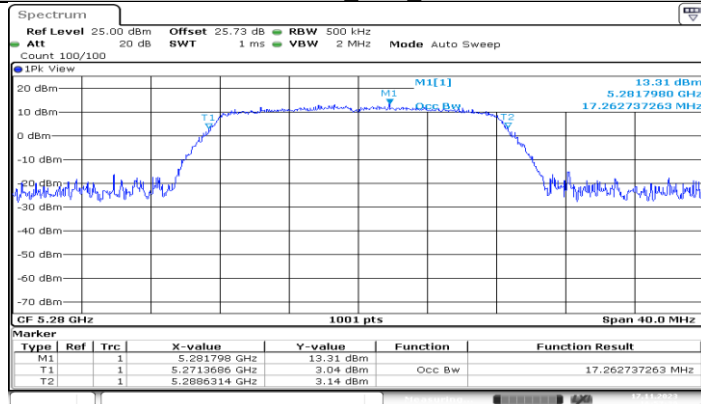


### 11A-CDD\_Ant1\_5260



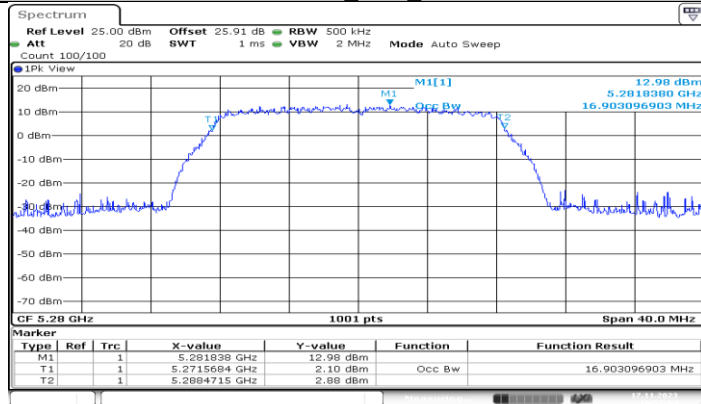
Date: 17 NOV 2023 16:50:23

### 11A-CDD\_Ant2\_5260



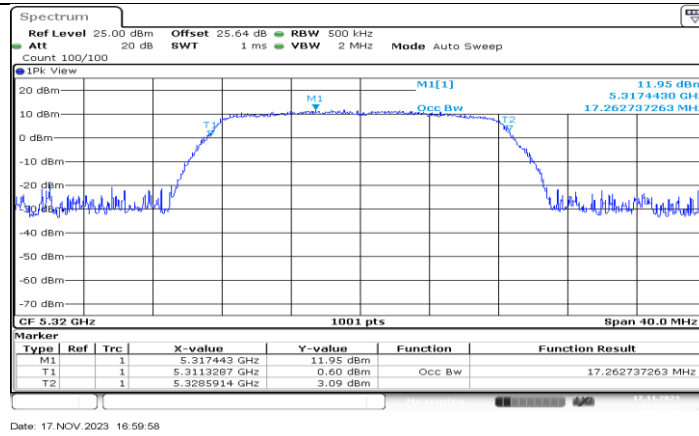
Date: 17 NOV 2023 16:57:29

### 11A-CDD\_Ant1\_5280

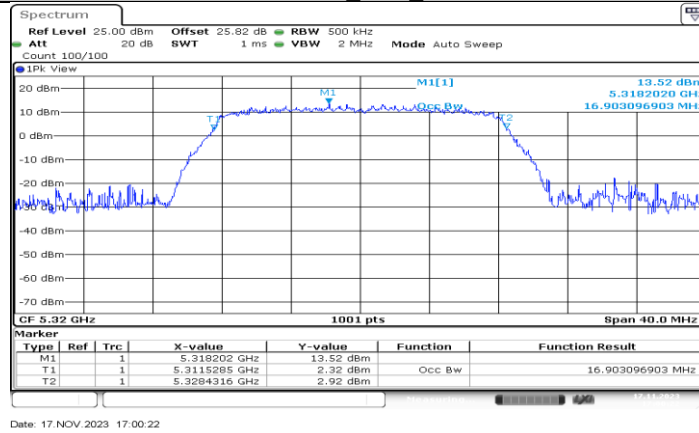


Date: 17 NOV 2023 16:57:54

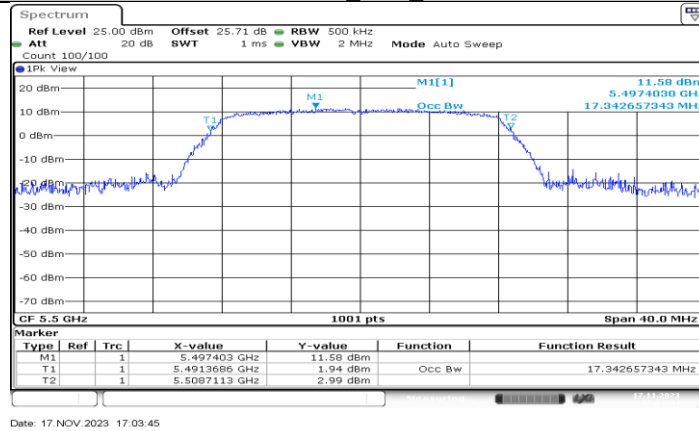
### 11A-CDD\_Ant2\_5280



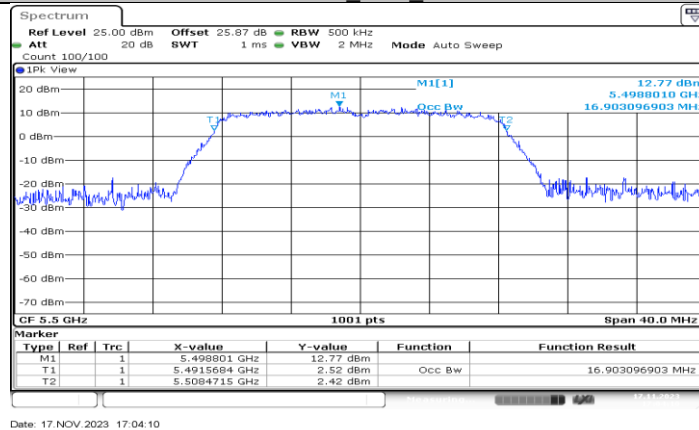
11A-CDD\_Ant1\_5320



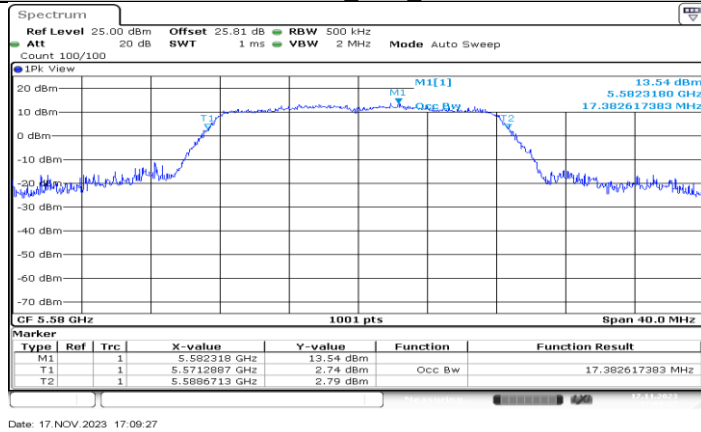
11A-CDD\_Ant2\_5320



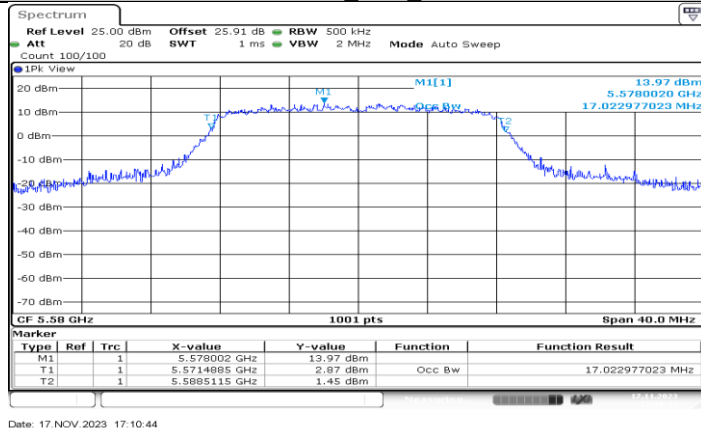
11A-CDD\_Ant1\_5500



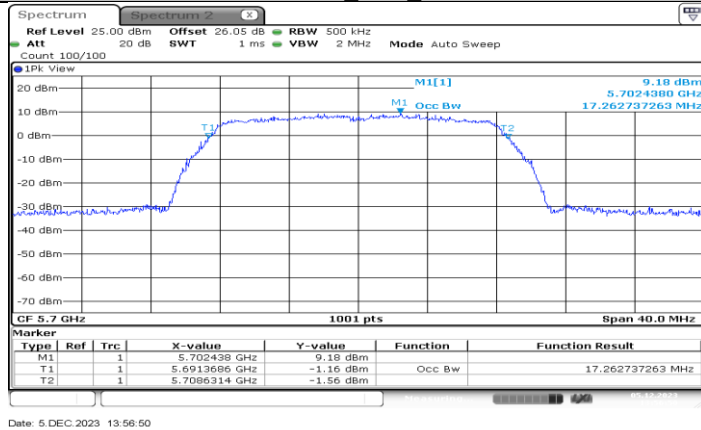
### 11A-CDD\_Ant2\_5500



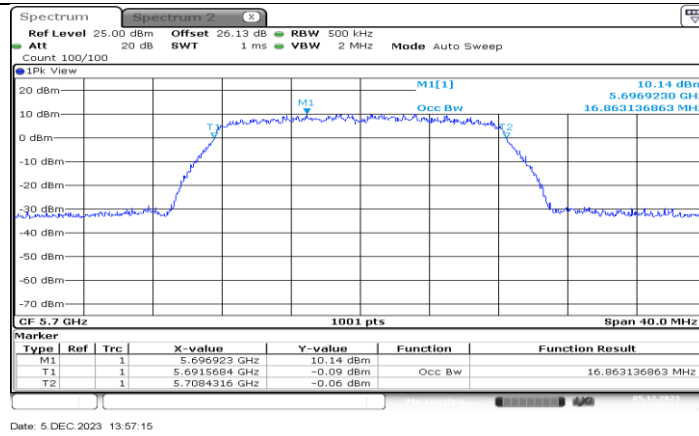
### 11A-CDD\_Ant1\_5580



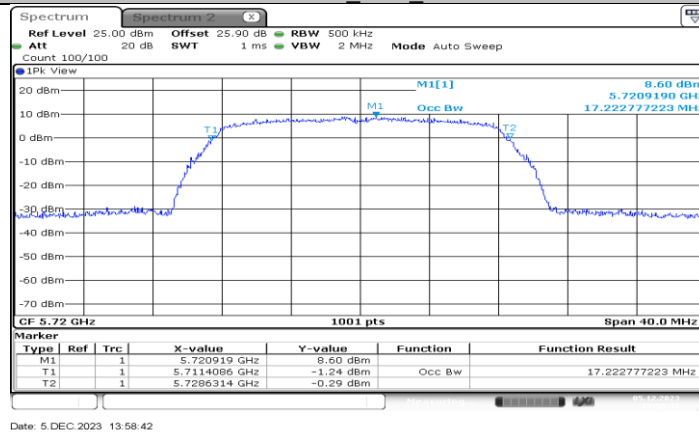
### 11A-CDD\_Ant2\_5580



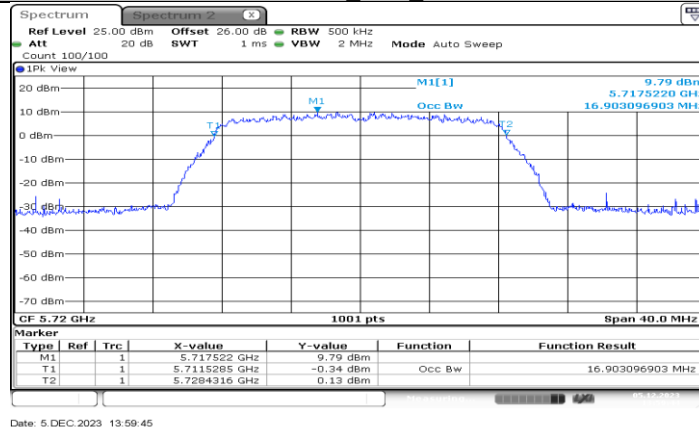
### 11A-CDD\_Ant1\_5700



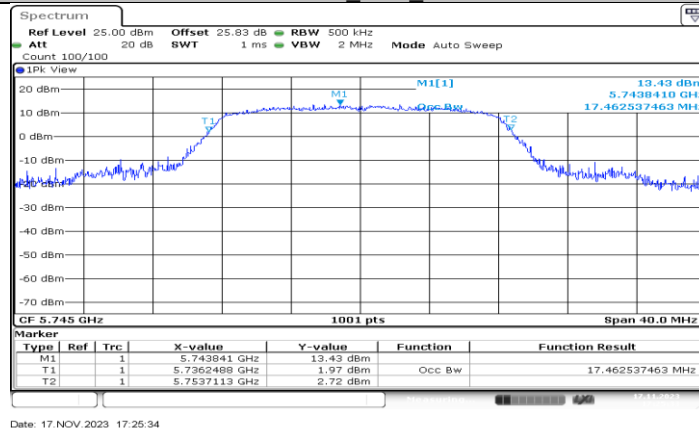
11A-CDD Ant2\_5700



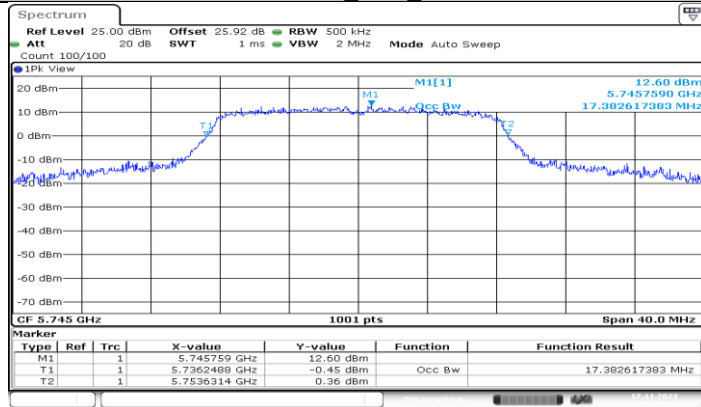
11A-CDD Ant1\_5720



11A-CDD Ant2\_5720

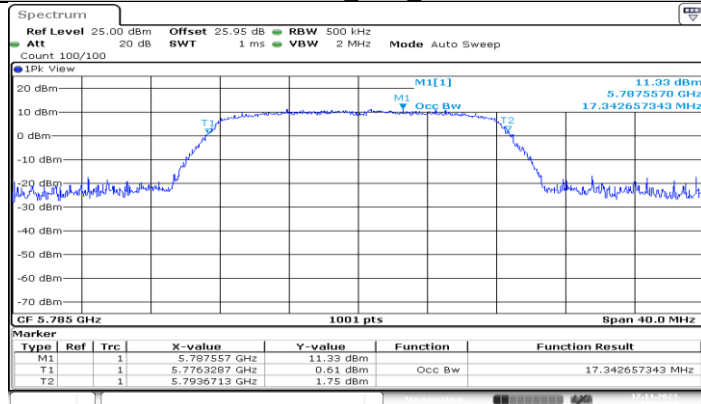


### 11A-CDD\_Ant1\_5745



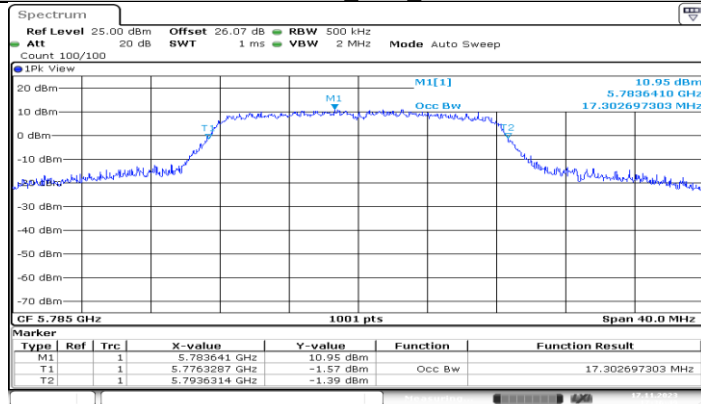
Date: 17 NOV 2023 17:33:50

### 11A-CDD\_Ant2\_5745



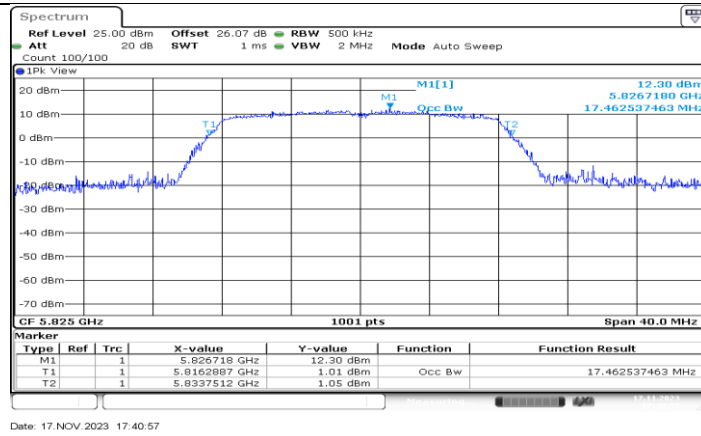
Date: 17 NOV 2023 17:36:28

### 11A-CDD\_Ant1\_5785

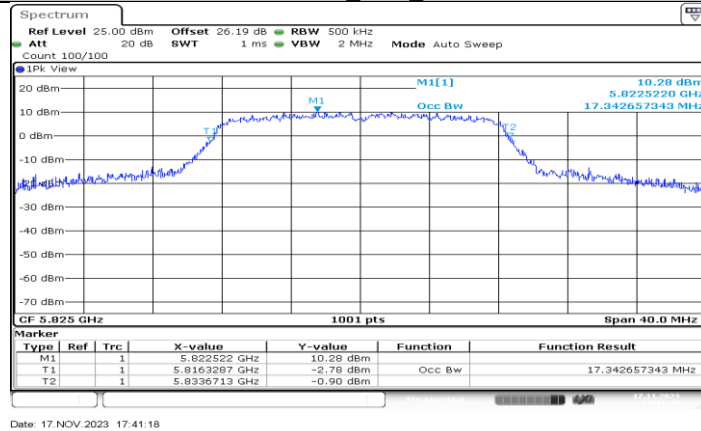


Date: 17 NOV 2023 17:36:49

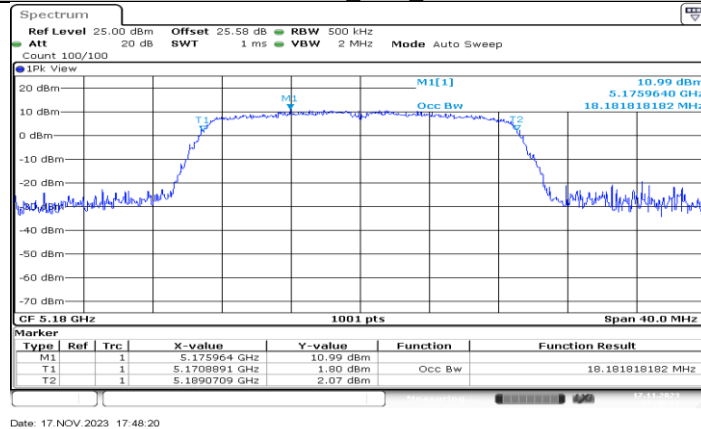
### 11A-CDD\_Ant2\_5785



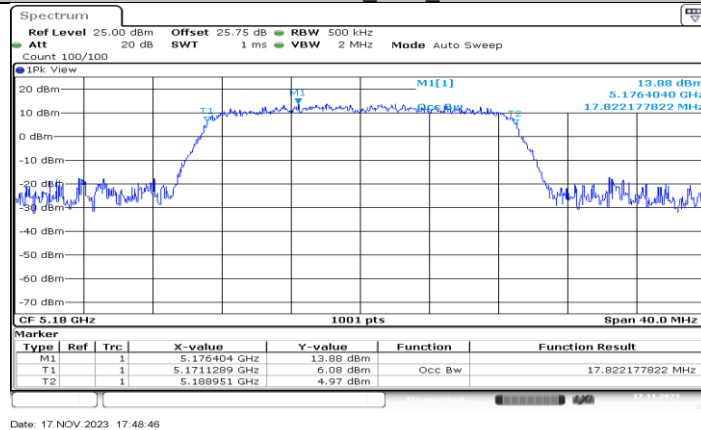
11A-CDD\_Ant1\_5825



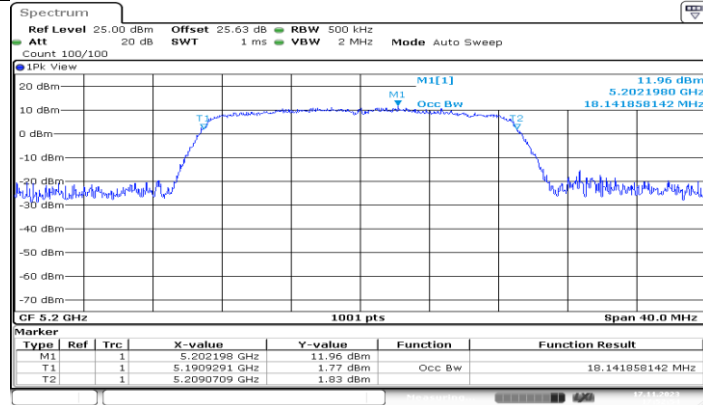
11A-CDD\_Ant2\_5825



11N20MIMO\_Ant1\_5180

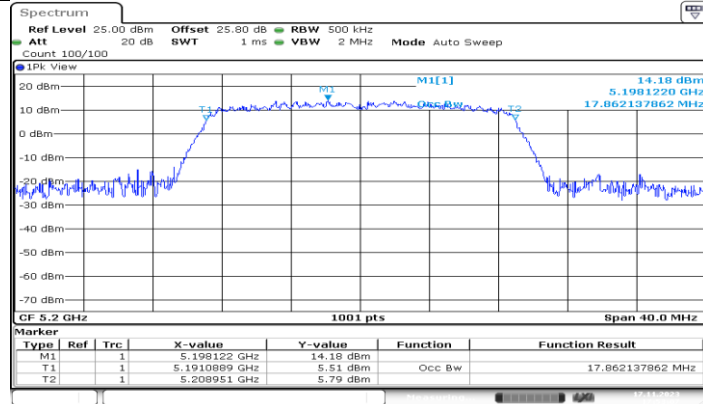


### 11N20MIMO\_Ant2\_5180



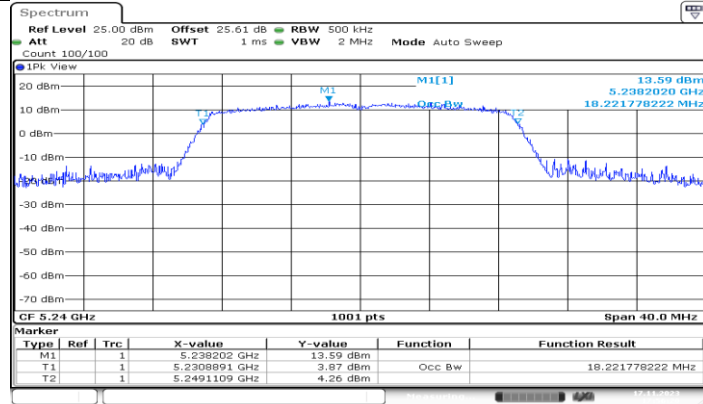
Date: 17 NOV 2023 17:52:54

### 11N20MIMO\_Ant1\_5200



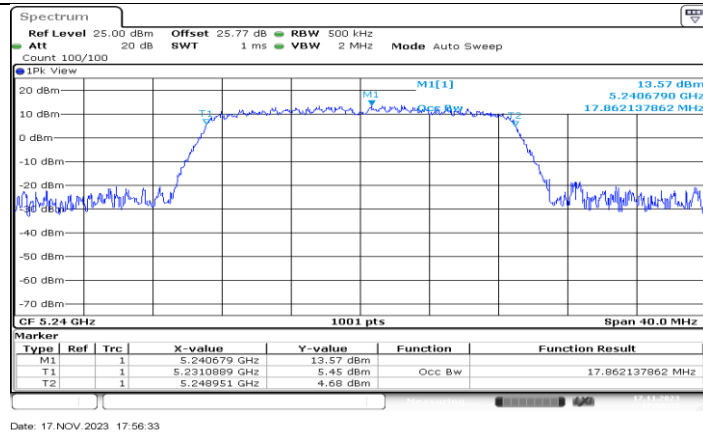
Date: 17 NOV 2023 17:53:07

### 11N20MIMO\_Ant2\_5200

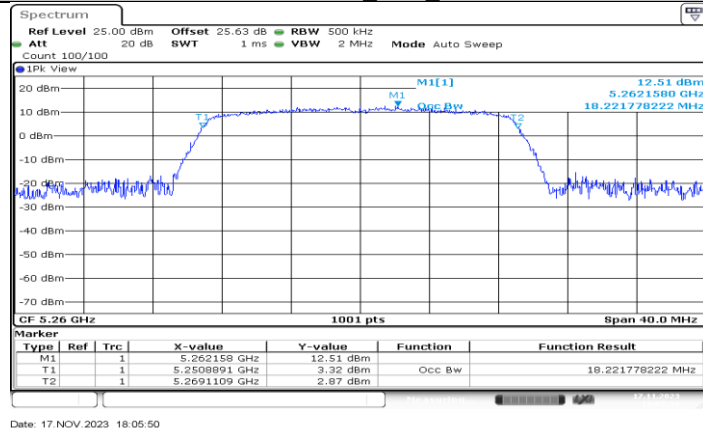


Date: 17 NOV 2023 17:56:20

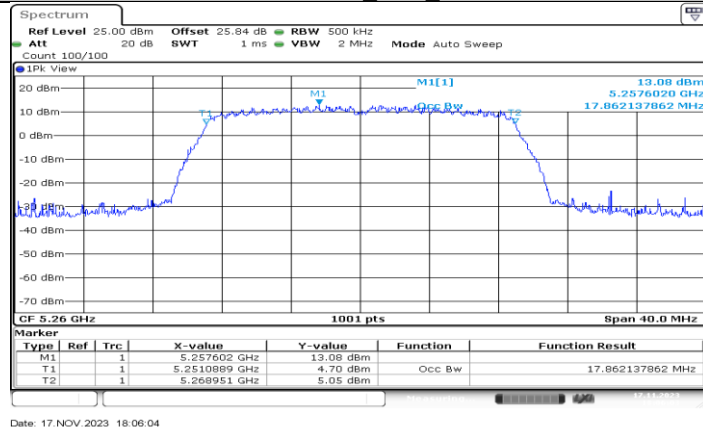
### 11N20MIMO\_Ant1\_5240



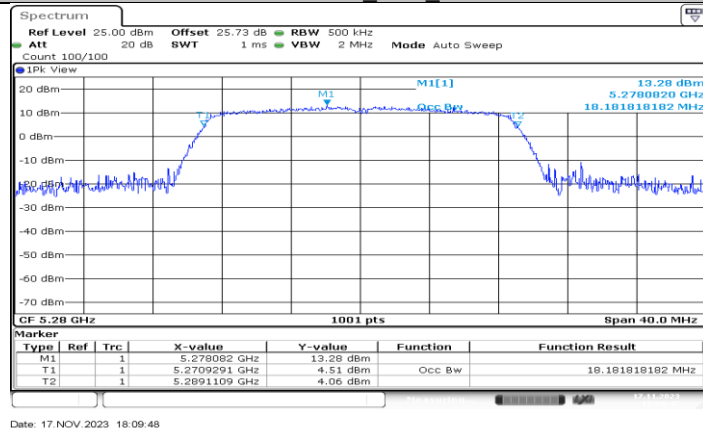
11N20MIMO\_Ant2\_5240

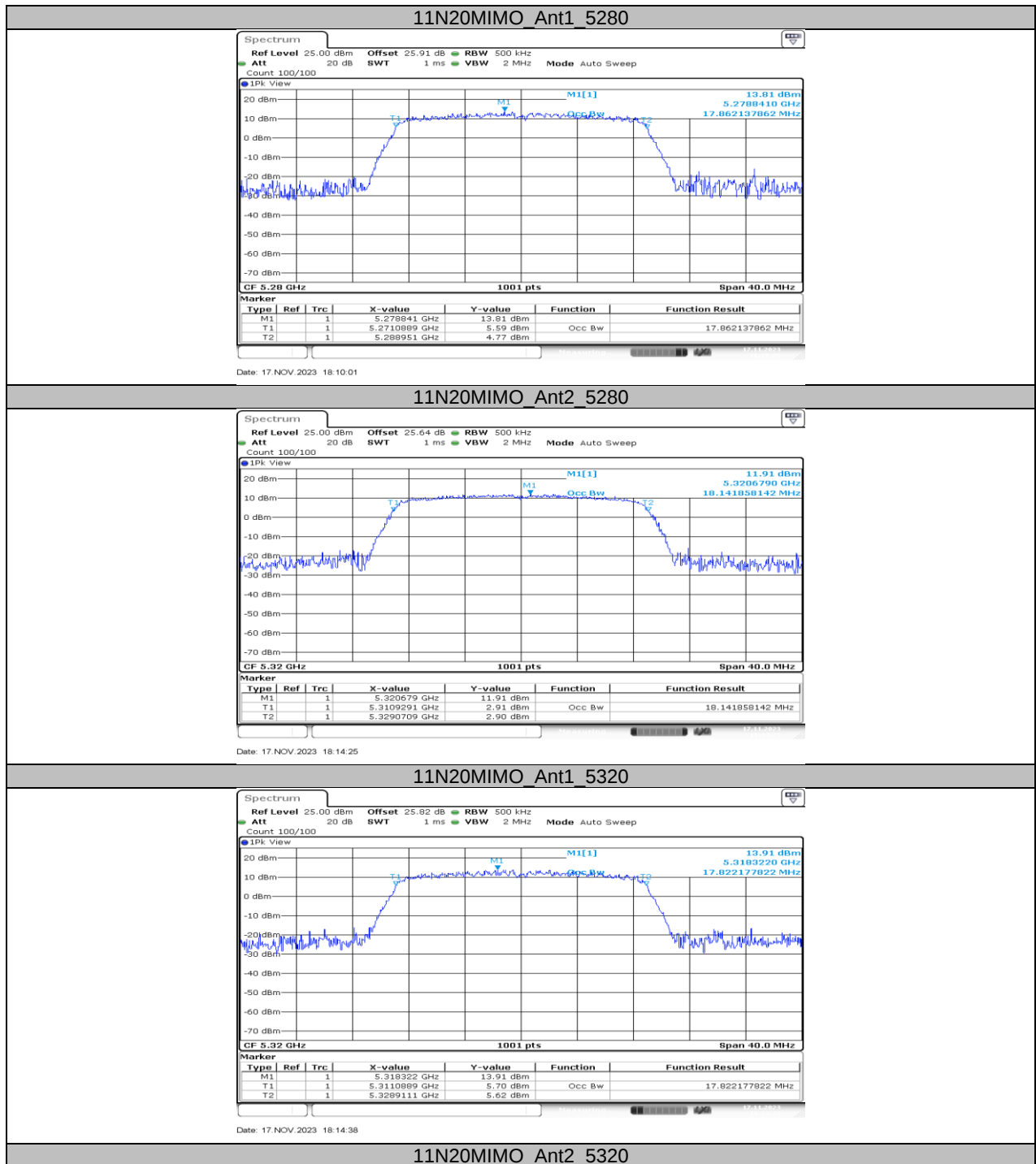


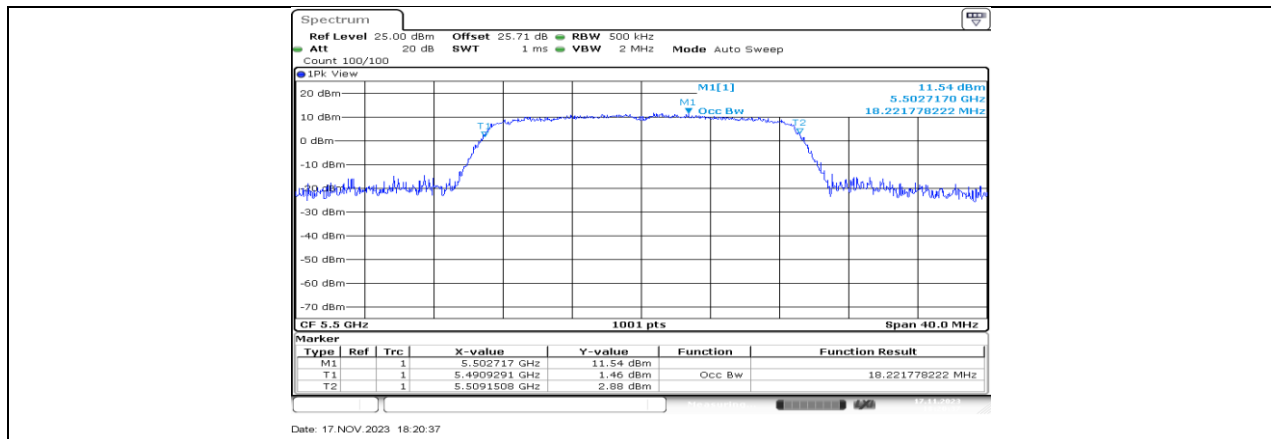
11N20MIMO\_Ant1\_5260



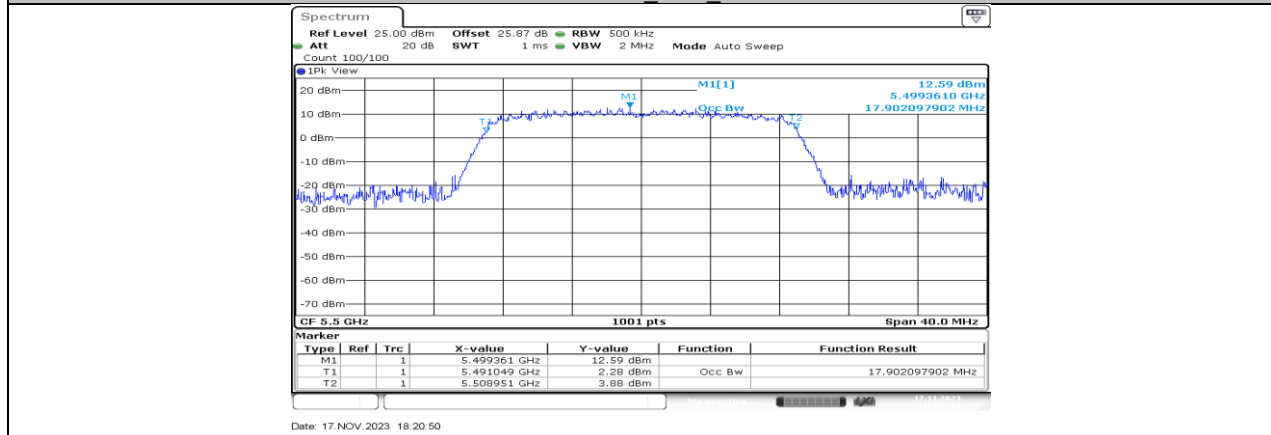
11N20MIMO\_Ant2\_5260



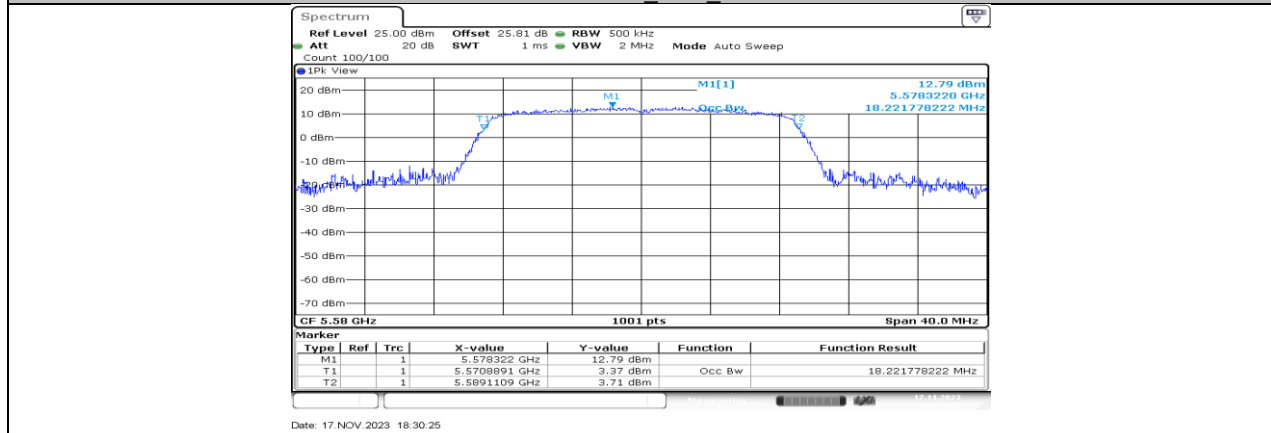




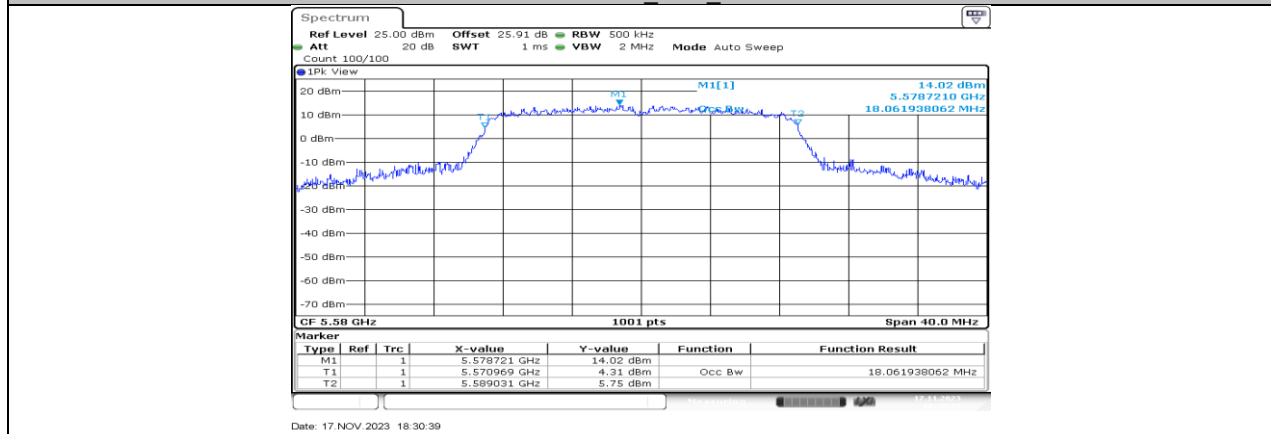
11N20MIMO\_Ant1\_5500

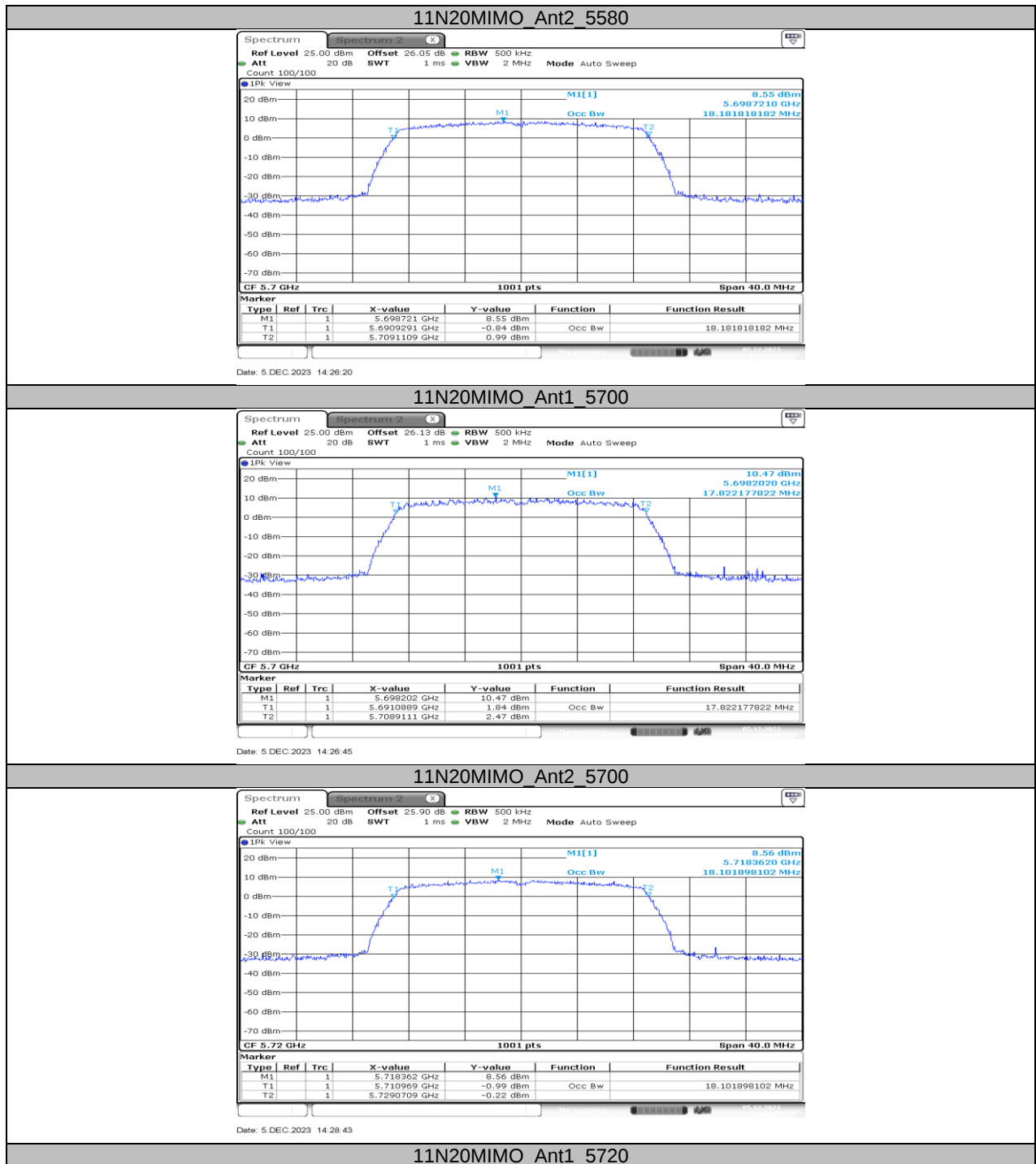


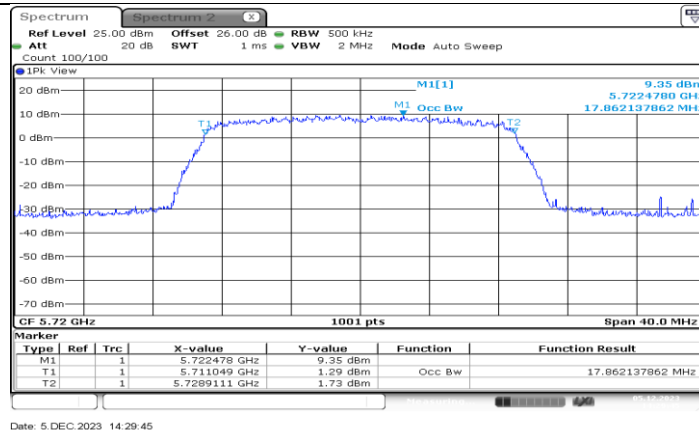
11N20MIMO\_Ant2\_5500



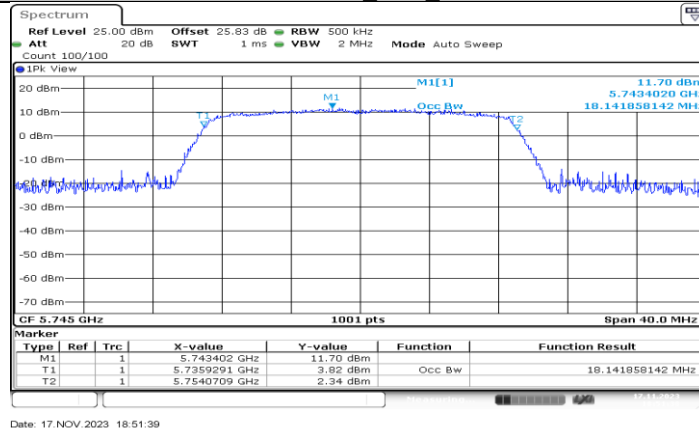
11N20MIMO\_Ant1\_5580



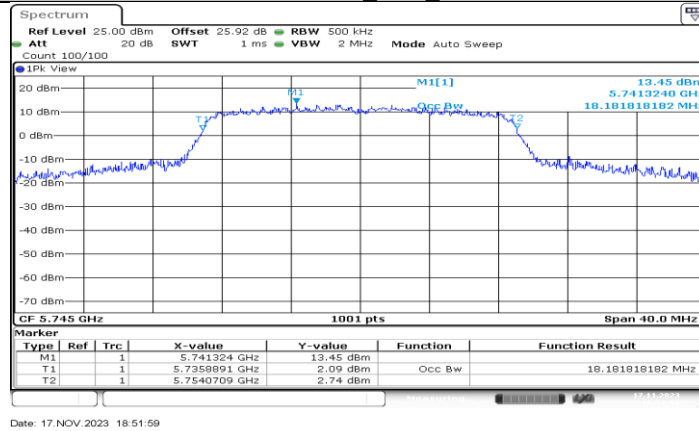




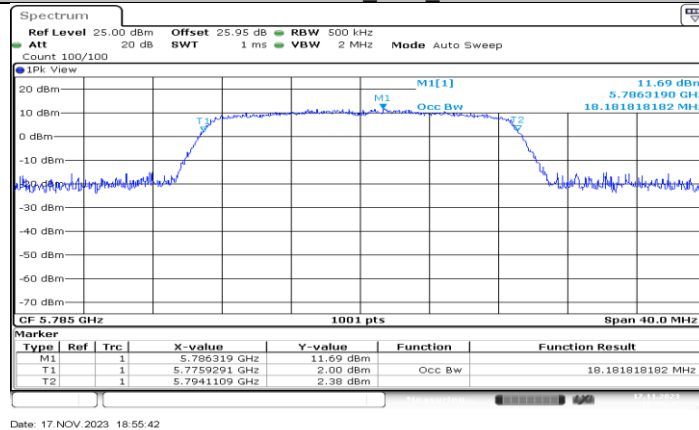
11N20MIMO\_Ant2\_5720



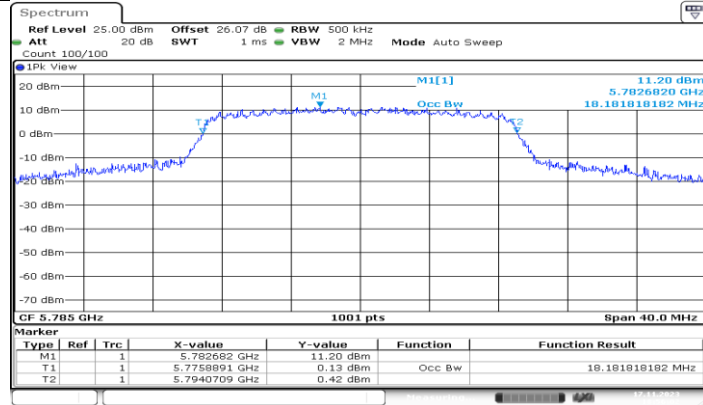
11N20MIMO\_Ant1\_5745



11N20MIMO\_Ant2\_5745

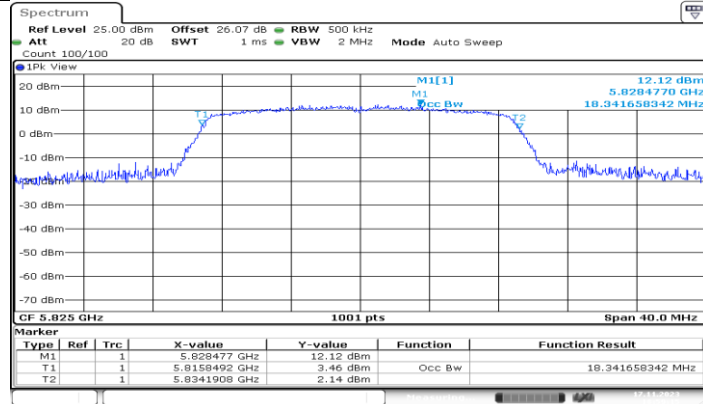


## 11N20MIMO\_Ant1\_5785



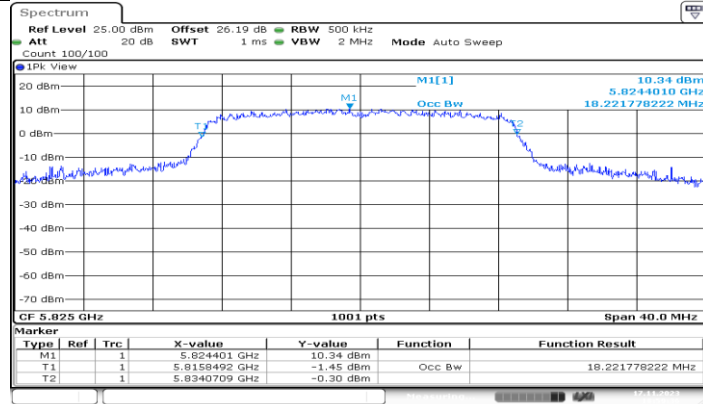
Date: 17 NOV 2023 18:56:03

## 11N20MIMO\_Ant2\_5785



Date: 17 NOV 2023 18:59:16

## 11N20MIMO\_Ant1\_5825



Date: 17 NOV 2023 18:59:36

## 11N20MIMO\_Ant2\_5825