

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

| General Description of EUT                                                                      |                        |
|-------------------------------------------------------------------------------------------------|------------------------|
| EUT Name:                                                                                       | Android TV Stick       |
| Model:                                                                                          | NEO STICK              |
| Sample ID:                                                                                      | HC-C-202408-0091-01-01 |
| Test Standard:                                                                                  | FCC Part 15.407        |
| Environmental Conditions                                                                        |                        |
| Ambient Temperature:                                                                            | 24.8℃                  |
| Ambient Humidity:                                                                               | 52.1%RH                |
| Test Power Supply:                                                                              | DC 5V                  |
| Test Engineer:                                                                                  | Rick Chen              |
| Note: For a more detailed features description, please refer to the report TBR-C-202408-0091-83 |                        |

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## 1: Emission Bandwidth

### 1.1 Test Result

| TestMode  | Antenna | Frequency[MHz] | 26dB EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|----------------|---------|---------|------------|---------|
| 11A       | Ant1    | 5180           | 30.52          | 5168.32 | 5198.84 | ---        | ---     |
| 11A       | Ant2    | 5180           | 23.32          | 5170.72 | 5194.04 | ---        | ---     |
| 11A       | Ant1    | 5200           | 20.04          | 5190.72 | 5210.76 | ---        | ---     |
| 11A       | Ant2    | 5200           | 18.48          | 5190.84 | 5209.32 | ---        | ---     |
| 11A       | Ant1    | 5240           | 18.44          | 5230.80 | 5249.24 | ---        | ---     |
| 11A       | Ant2    | 5240           | 18.52          | 5230.76 | 5249.28 | ---        | ---     |
| 11A       | Ant1    | 5260           | 18.52          | 5250.76 | 5269.28 | ---        | ---     |
| 11A       | Ant2    | 5260           | 18.68          | 5250.72 | 5269.40 | ---        | ---     |
| 11A       | Ant1    | 5280           | 19.24          | 5270.68 | 5289.92 | ---        | ---     |
| 11A       | Ant2    | 5280           | 18.76          | 5270.68 | 5289.44 | ---        | ---     |
| 11A       | Ant1    | 5320           | 22.80          | 5310.76 | 5333.56 | ---        | ---     |
| 11A       | Ant2    | 5320           | 18.68          | 5310.60 | 5329.28 | ---        | ---     |
| 11A       | Ant1    | 5500           | 18.80          | 5490.60 | 5509.40 | ---        | ---     |
| 11A       | Ant2    | 5500           | 21.88          | 5489.84 | 5511.72 | ---        | ---     |
| 11A       | Ant1    | 5580           | 18.56          | 5570.68 | 5589.24 | ---        | ---     |
| 11A       | Ant2    | 5580           | 18.68          | 5570.68 | 5589.36 | ---        | ---     |
| 11A       | Ant1    | 5720           | 20.52          | 5710.56 | 5731.08 | ---        | ---     |
| 11A       | Ant2    | 5720           | 22.96          | 5709.28 | 5732.24 | ---        | ---     |
| 11A       | Ant1    | 5720_UNII-2C   | 14.44          | 5710.56 | 5725    | ---        | ---     |
| 11A       | Ant2    | 5720_UNII-2C   | 15.72          | 5709.28 | 5725    | ---        | ---     |
| 11A       | Ant1    | 5720_UNII-3    | 6.08           | 5725    | 5731.08 | ---        | ---     |
| 11A       | Ant2    | 5720_UNII-3    | 7.24           | 5725    | 5732.24 | ---        | ---     |
| 11N20MIMO | Ant1    | 5180           | 21.40          | 5170.32 | 5191.72 | ---        | ---     |
| 11N20MIMO | Ant2    | 5180           | 19.48          | 5170.32 | 5189.80 | ---        | ---     |
| 11N20MIMO | Ant1    | 5200           | 19.28          | 5190.40 | 5209.68 | ---        | ---     |
| 11N20MIMO | Ant2    | 5200           | 19.36          | 5190.36 | 5209.72 | ---        | ---     |
| 11N20MIMO | Ant1    | 5240           | 19.56          | 5230.24 | 5249.80 | ---        | ---     |
| 11N20MIMO | Ant2    | 5240           | 19.56          | 5230.28 | 5249.84 | ---        | ---     |
| 11N20MIMO | Ant1    | 5260           | 19.76          | 5250.24 | 5270.00 | ---        | ---     |
| 11N20MIMO | Ant2    | 5260           | 19.68          | 5250.20 | 5269.88 | ---        | ---     |
| 11N20MIMO | Ant1    | 5280           | 19.48          | 5270.28 | 5289.76 | ---        | ---     |
| 11N20MIMO | Ant2    | 5280           | 19.40          | 5270.28 | 5289.68 | ---        | ---     |
| 11N20MIMO | Ant1    | 5320           | 19.92          | 5310.20 | 5330.12 | ---        | ---     |
| 11N20MIMO | Ant2    | 5320           | 19.56          | 5310.20 | 5329.76 | ---        | ---     |
| 11N20MIMO | Ant1    | 5500           | 22.52          | 5489.76 | 5512.28 | ---        | ---     |
| 11N20MIMO | Ant2    | 5500           | 23.04          | 5489.56 | 5512.60 | ---        | ---     |
| 11N20MIMO | Ant1    | 5580           | 19.44          | 5570.28 | 5589.72 | ---        | ---     |
| 11N20MIMO | Ant2    | 5580           | 19.32          | 5570.32 | 5589.64 | ---        | ---     |
| 11N20MIMO | Ant1    | 5720           | 26.40          | 5706.80 | 5733.20 | ---        | ---     |
| 11N20MIMO | Ant2    | 5720           | 20.04          | 5710.28 | 5730.32 | ---        | ---     |
| 11N20MIMO | Ant1    | 5720_UNII-2C   | 18.2           | 5706.80 | 5725    | ---        | ---     |

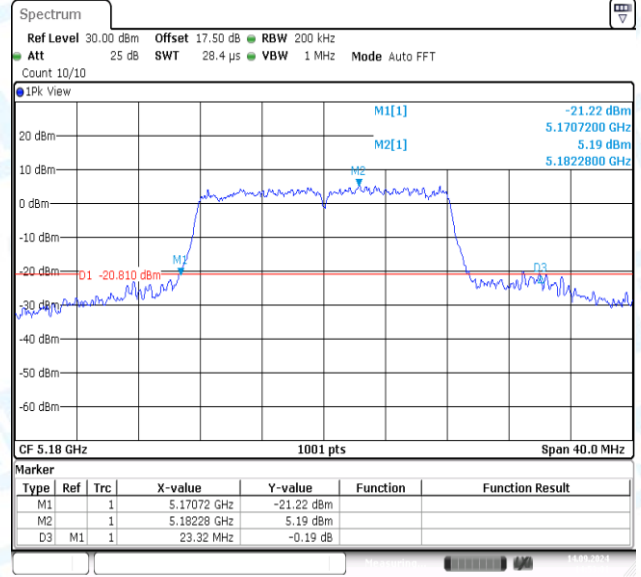
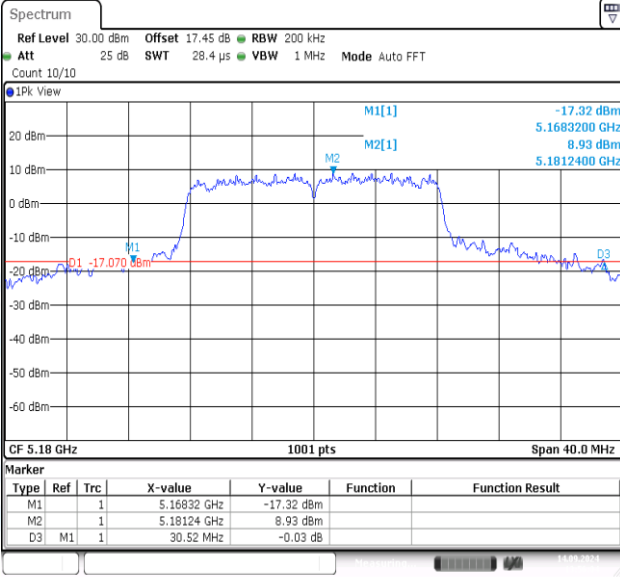


|            |      |              |       |         |         |     |     |
|------------|------|--------------|-------|---------|---------|-----|-----|
| 11N20MIMO  | Ant2 | 5720_UNII-2C | 14.72 | 5710.28 | 5725    | --- | --- |
| 11N20MIMO  | Ant1 | 5720_UNII-3  | 8.2   | 5725    | 5733.20 | --- | --- |
| 11N20MIMO  | Ant2 | 5720_UNII-3  | 5.32  | 5725    | 5730.32 | --- | --- |
| 11N40MIMO  | Ant1 | 5190         | 41.84 | 5169.52 | 5211.36 | --- | --- |
| 11N40MIMO  | Ant2 | 5190         | 41.52 | 5169.60 | 5211.12 | --- | --- |
| 11N40MIMO  | Ant1 | 5230         | 41.28 | 5209.20 | 5250.48 | --- | --- |
| 11N40MIMO  | Ant2 | 5230         | 41.12 | 5209.68 | 5250.80 | --- | --- |
| 11N40MIMO  | Ant1 | 5270         | 41.28 | 5249.12 | 5290.40 | --- | --- |
| 11N40MIMO  | Ant2 | 5270         | 41.44 | 5248.88 | 5290.32 | --- | --- |
| 11N40MIMO  | Ant1 | 5310         | 43.04 | 5289.12 | 5332.16 | --- | --- |
| 11N40MIMO  | Ant2 | 5310         | 41.44 | 5289.28 | 5330.72 | --- | --- |
| 11N40MIMO  | Ant1 | 5510         | 43.92 | 5489.04 | 5532.96 | --- | --- |
| 11N40MIMO  | Ant2 | 5510         | 53.28 | 5486.32 | 5539.60 | --- | --- |
| 11N40MIMO  | Ant1 | 5550         | 41.60 | 5529.20 | 5570.80 | --- | --- |
| 11N40MIMO  | Ant2 | 5550         | 41.20 | 5529.44 | 5570.64 | --- | --- |
| 11N40MIMO  | Ant1 | 5710         | 49.68 | 5689.04 | 5738.72 | --- | --- |
| 11N40MIMO  | Ant2 | 5710         | 41.44 | 5689.60 | 5731.04 | --- | --- |
| 11N40MIMO  | Ant1 | 5710_UNII-2C | 35.96 | 5689.04 | 5725    | --- | --- |
| 11N40MIMO  | Ant2 | 5710_UNII-2C | 35.4  | 5689.60 | 5725    | --- | --- |
| 11N40MIMO  | Ant1 | 5710_UNII-3  | 13.72 | 5725    | 5738.72 | --- | --- |
| 11N40MIMO  | Ant2 | 5710_UNII-3  | 6.04  | 5725    | 5731.04 | --- | --- |
| 11AC20MIMO | Ant1 | 5180         | 19.48 | 5170.36 | 5189.84 | --- | --- |
| 11AC20MIMO | Ant2 | 5180         | 19.40 | 5170.32 | 5189.72 | --- | --- |
| 11AC20MIMO | Ant1 | 5200         | 19.96 | 5190.24 | 5210.20 | --- | --- |
| 11AC20MIMO | Ant2 | 5200         | 19.64 | 5190.28 | 5209.92 | --- | --- |
| 11AC20MIMO | Ant1 | 5240         | 19.56 | 5230.20 | 5249.76 | --- | --- |
| 11AC20MIMO | Ant2 | 5240         | 19.52 | 5230.24 | 5249.76 | --- | --- |
| 11AC20MIMO | Ant1 | 5260         | 19.52 | 5250.28 | 5269.80 | --- | --- |
| 11AC20MIMO | Ant2 | 5260         | 19.52 | 5250.20 | 5269.72 | --- | --- |
| 11AC20MIMO | Ant1 | 5280         | 19.48 | 5270.28 | 5289.76 | --- | --- |
| 11AC20MIMO | Ant2 | 5280         | 19.44 | 5270.28 | 5289.72 | --- | --- |
| 11AC20MIMO | Ant1 | 5320         | 23.88 | 5309.32 | 5333.20 | --- | --- |
| 11AC20MIMO | Ant2 | 5320         | 19.36 | 5310.32 | 5329.68 | --- | --- |
| 11AC20MIMO | Ant1 | 5500         | 30.88 | 5485.12 | 5516.00 | --- | --- |
| 11AC20MIMO | Ant2 | 5500         | 35.92 | 5484.00 | 5519.92 | --- | --- |
| 11AC20MIMO | Ant1 | 5580         | 19.44 | 5570.32 | 5589.76 | --- | --- |
| 11AC20MIMO | Ant2 | 5580         | 19.48 | 5570.28 | 5589.76 | --- | --- |
| 11AC20MIMO | Ant1 | 5720         | 19.64 | 5710.16 | 5729.80 | --- | --- |
| 11AC20MIMO | Ant2 | 5720         | 19.48 | 5710.28 | 5729.76 | --- | --- |
| 11AC20MIMO | Ant1 | 5720_UNII-2C | 14.84 | 5710.16 | 5725    | --- | --- |
| 11AC20MIMO | Ant2 | 5720_UNII-2C | 14.72 | 5710.28 | 5725    | --- | --- |
| 11AC20MIMO | Ant1 | 5720_UNII-3  | 4.8   | 5725    | 5729.80 | --- | --- |
| 11AC20MIMO | Ant2 | 5720_UNII-3  | 4.76  | 5725    | 5729.76 | --- | --- |
| 11AC40MIMO | Ant1 | 5190         | 41.44 | 5169.84 | 5211.28 | --- | --- |
| 11AC40MIMO | Ant2 | 5190         | 41.20 | 5169.76 | 5210.96 | --- | --- |



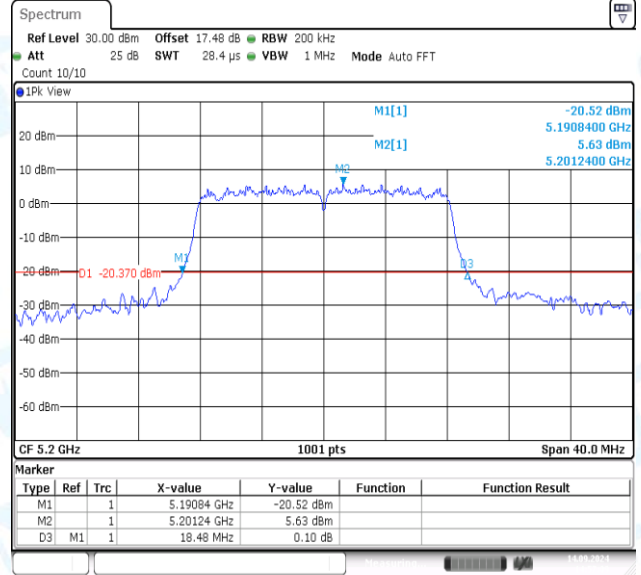
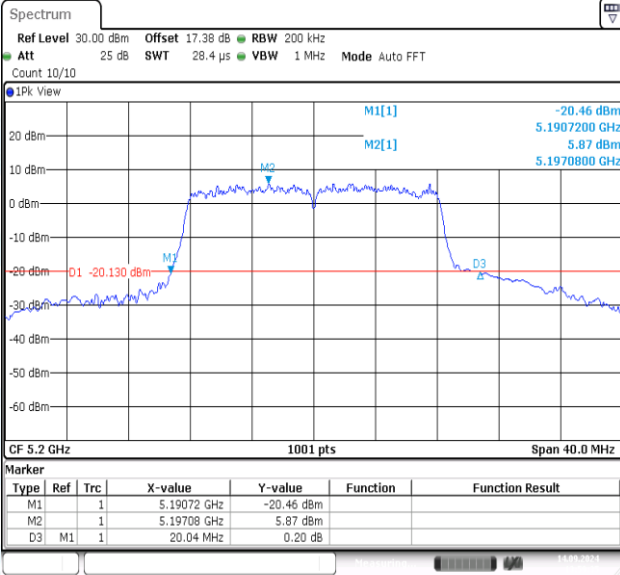
|            |      |              |        |         |         |     |     |
|------------|------|--------------|--------|---------|---------|-----|-----|
| 11AC40MIMO | Ant1 | 5230         | 40.80  | 5209.44 | 5250.24 | --- | --- |
| 11AC40MIMO | Ant2 | 5230         | 41.20  | 5209.44 | 5250.64 | --- | --- |
| 11AC40MIMO | Ant1 | 5270         | 41.36  | 5249.20 | 5290.56 | --- | --- |
| 11AC40MIMO | Ant2 | 5270         | 41.28  | 5248.80 | 5290.08 | --- | --- |
| 11AC40MIMO | Ant1 | 5310         | 41.12  | 5289.52 | 5330.64 | --- | --- |
| 11AC40MIMO | Ant2 | 5310         | 41.44  | 5289.28 | 5330.72 | --- | --- |
| 11AC40MIMO | Ant1 | 5510         | 40.72  | 5489.60 | 5530.32 | --- | --- |
| 11AC40MIMO | Ant2 | 5510         | 56.24  | 5489.52 | 5545.76 | --- | --- |
| 11AC40MIMO | Ant1 | 5550         | 41.36  | 5529.44 | 5570.80 | --- | --- |
| 11AC40MIMO | Ant2 | 5550         | 40.72  | 5529.60 | 5570.32 | --- | --- |
| 11AC40MIMO | Ant1 | 5710         | 72.80  | 5674.00 | 5746.80 | --- | --- |
| 11AC40MIMO | Ant2 | 5710         | 68.72  | 5677.04 | 5745.76 | --- | --- |
| 11AC40MIMO | Ant1 | 5710_UNII-2C | 51     | 5674.00 | 5725    | --- | --- |
| 11AC40MIMO | Ant2 | 5710_UNII-2C | 47.96  | 5677.04 | 5725    | --- | --- |
| 11AC40MIMO | Ant1 | 5710_UNII-3  | 21.8   | 5725    | 5746.80 | --- | --- |
| 11AC40MIMO | Ant2 | 5710_UNII-3  | 20.76  | 5725    | 5745.76 | --- | --- |
| 11AC80MIMO | Ant1 | 5210         | 79.68  | 5170.32 | 5250.00 | --- | --- |
| 11AC80MIMO | Ant2 | 5210         | 79.84  | 5170.16 | 5250.00 | --- | --- |
| 11AC80MIMO | Ant1 | 5290         | 80.00  | 5250.00 | 5330.00 | --- | --- |
| 11AC80MIMO | Ant2 | 5290         | 80.80  | 5249.84 | 5330.64 | --- | --- |
| 11AC80MIMO | Ant1 | 5530         | 121.28 | 5473.04 | 5594.32 | --- | --- |
| 11AC80MIMO | Ant2 | 5530         | 130.08 | 5463.92 | 5594.00 | --- | --- |
| 11AC80MIMO | Ant1 | 5610         | 80.96  | 5569.20 | 5650.16 | --- | --- |
| 11AC80MIMO | Ant2 | 5610         | 80.16  | 5569.84 | 5650.00 | --- | --- |
| 11AC80MIMO | Ant1 | 5690         | 79.84  | 5650.00 | 5729.84 | --- | --- |
| 11AC80MIMO | Ant2 | 5690         | 80.00  | 5650.00 | 5730.00 | --- | --- |
| 11AC80MIMO | Ant1 | 5690_UNII-2C | 75     | 5650.00 | 5725    | --- | --- |
| 11AC80MIMO | Ant2 | 5690_UNII-2C | 75     | 5650.00 | 5725    | --- | --- |
| 11AC80MIMO | Ant1 | 5690_UNII-3  | 4.84   | 5725    | 5729.84 | --- | --- |
| 11AC80MIMO | Ant2 | 5690_UNII-3  | 5      | 5725    | 5730.00 | --- | --- |

## 1.2 Test Graphs



11A-Ant1-5180

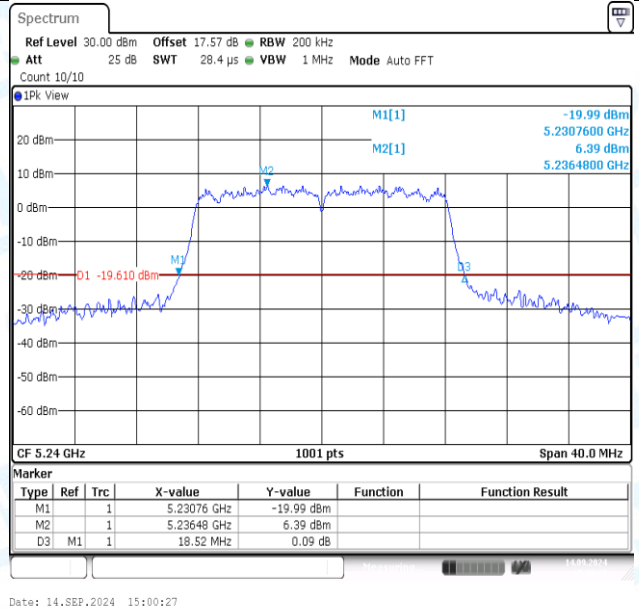
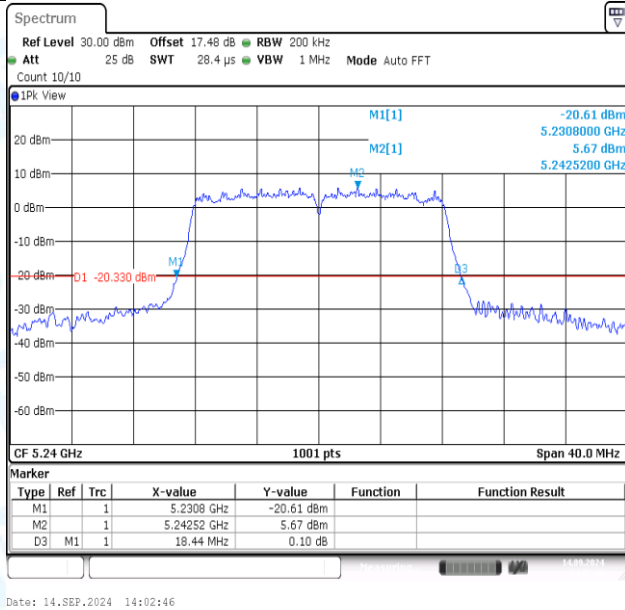
11A-Ant2-5180



11A-Ant1-5200

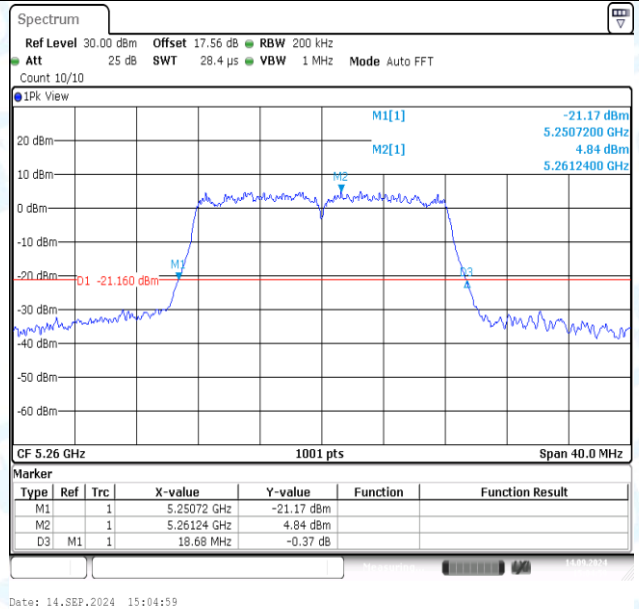
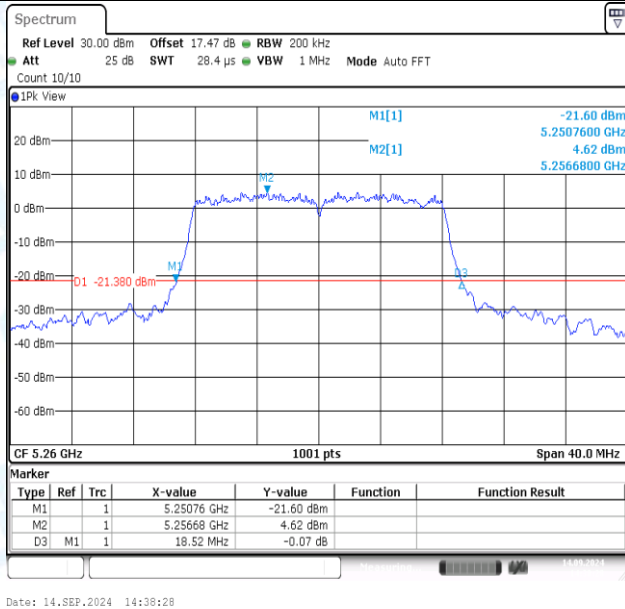
11A-Ant2-5200





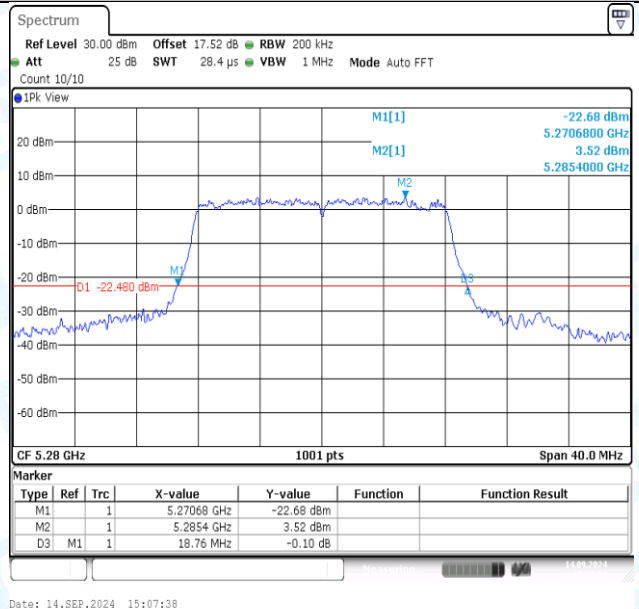
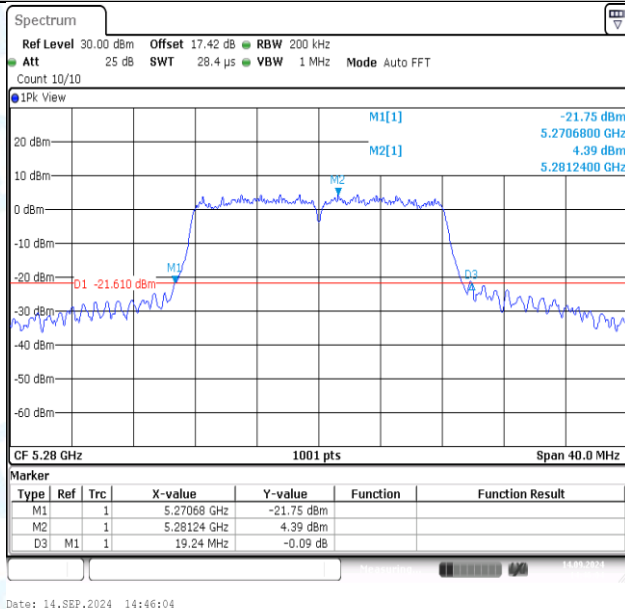
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11A-Ant2-5240

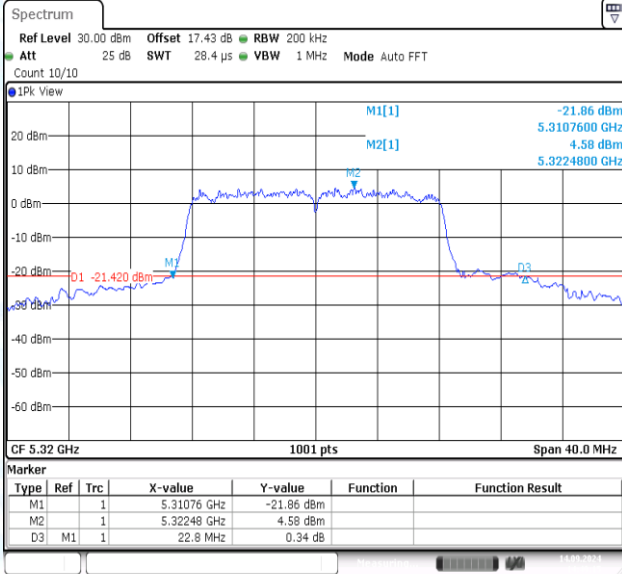


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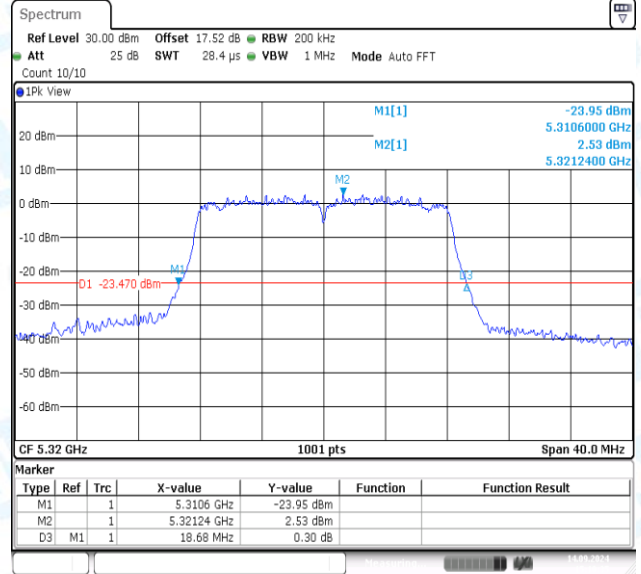
11A-Ant2-5260



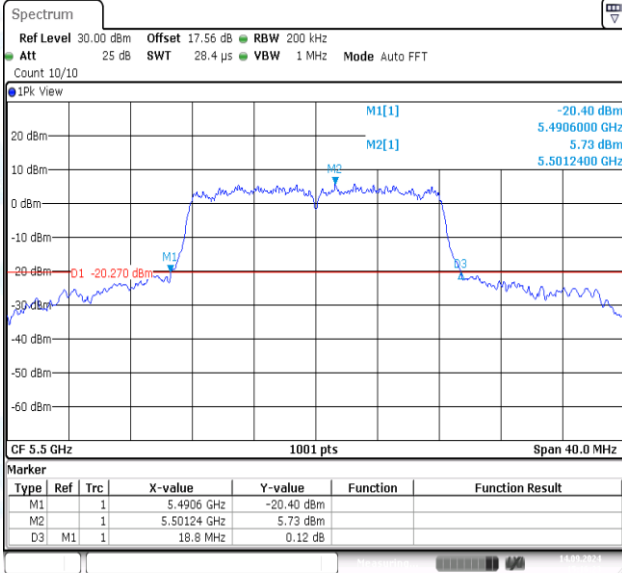
11A-Ant1-5280



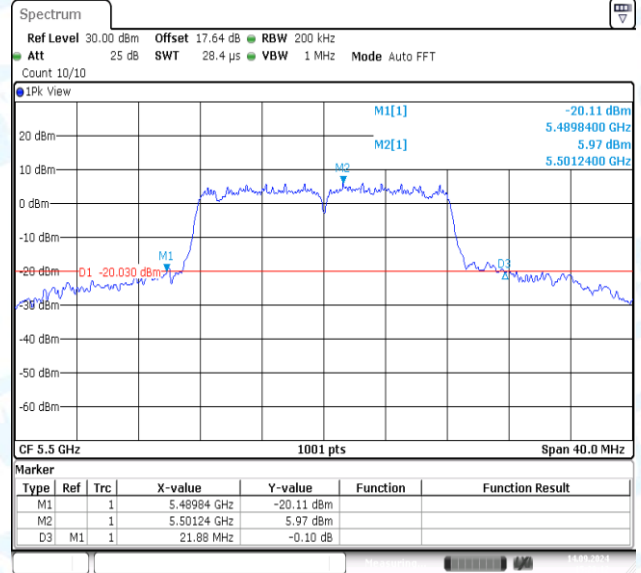
11A-Ant2-5280



11A-Ant1-5320



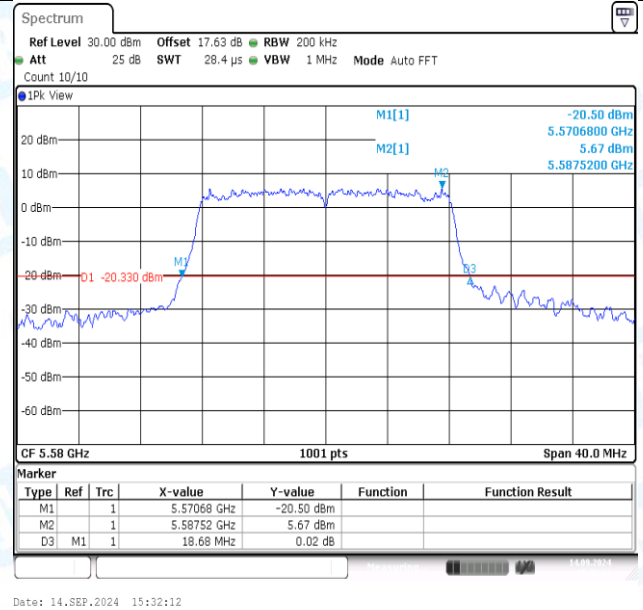
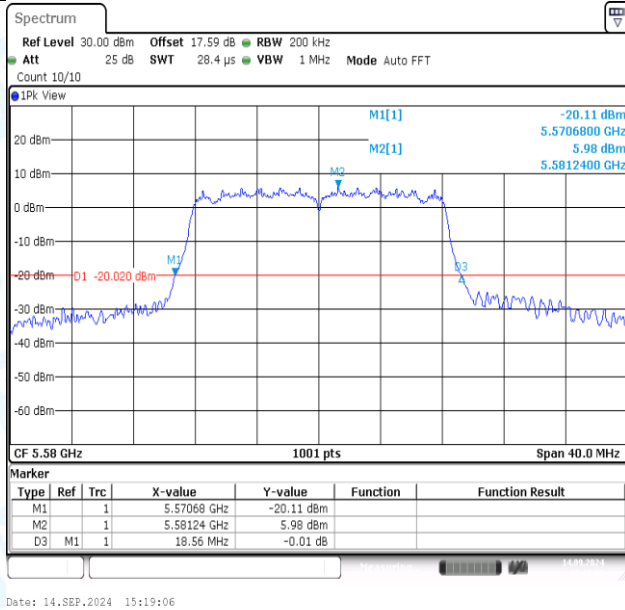
11A-Ant2-5320



11A-Ant1-5500

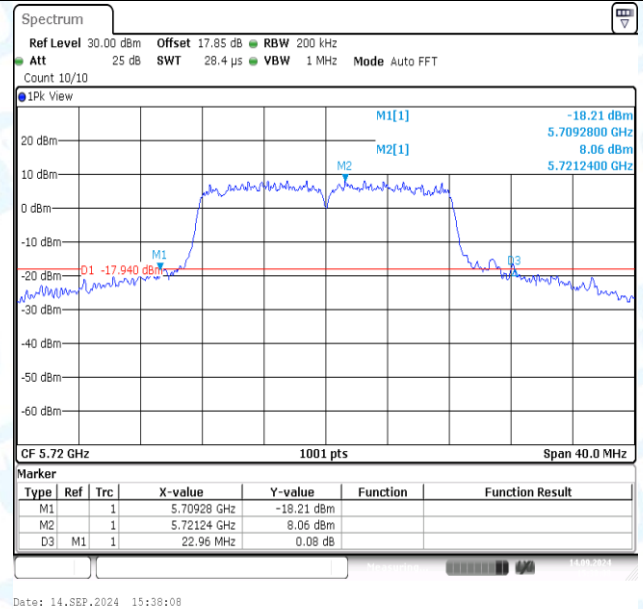
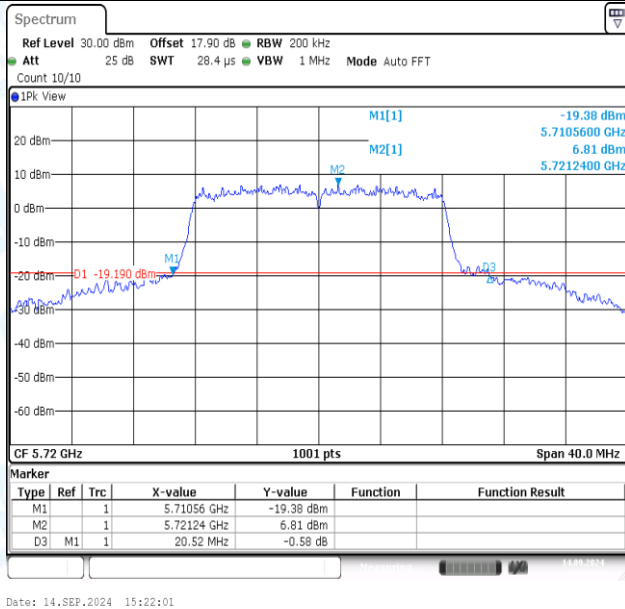
11A-Ant2-5500





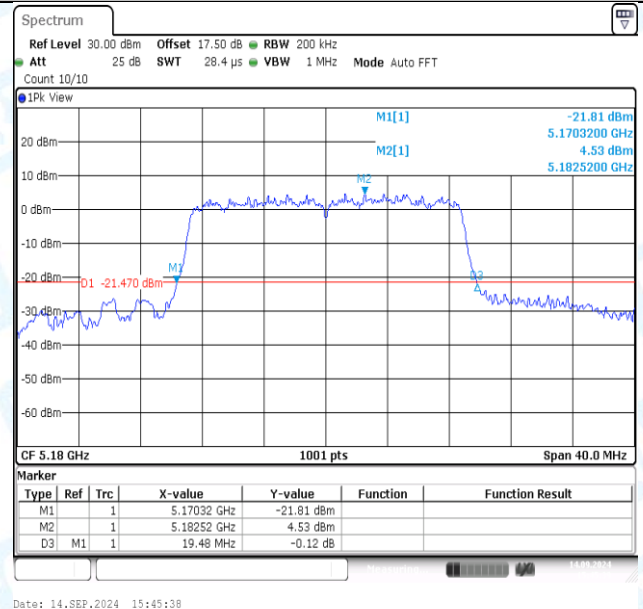
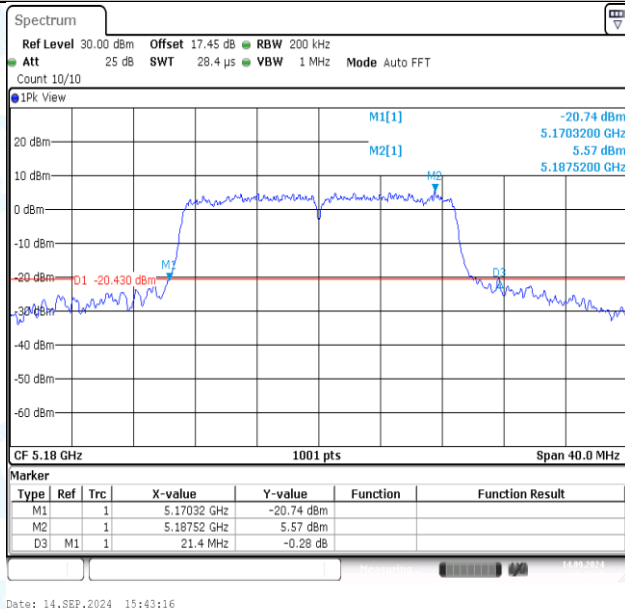
11A-Ant1-5580

11A-Ant2-5580

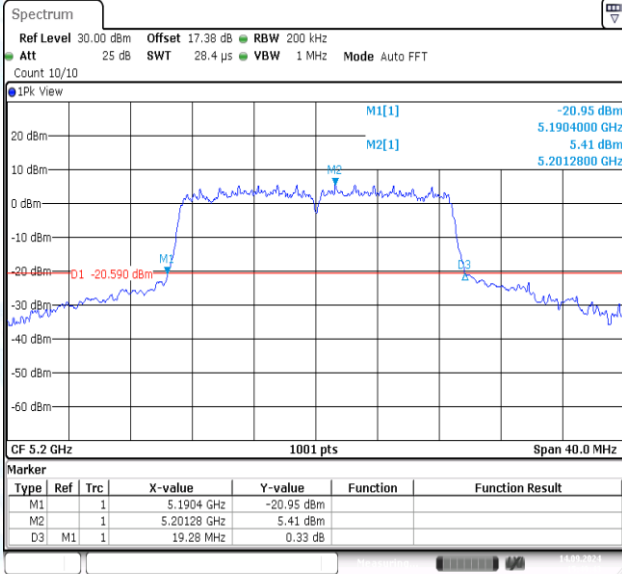


11A-Ant1-5720

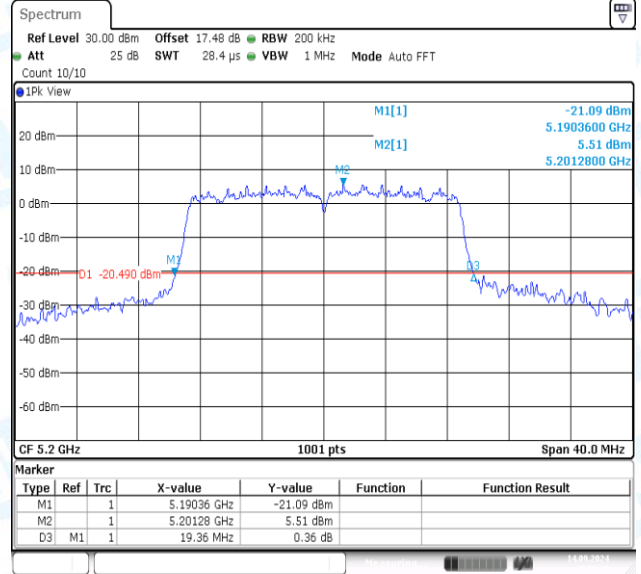
11A-Ant2-5720



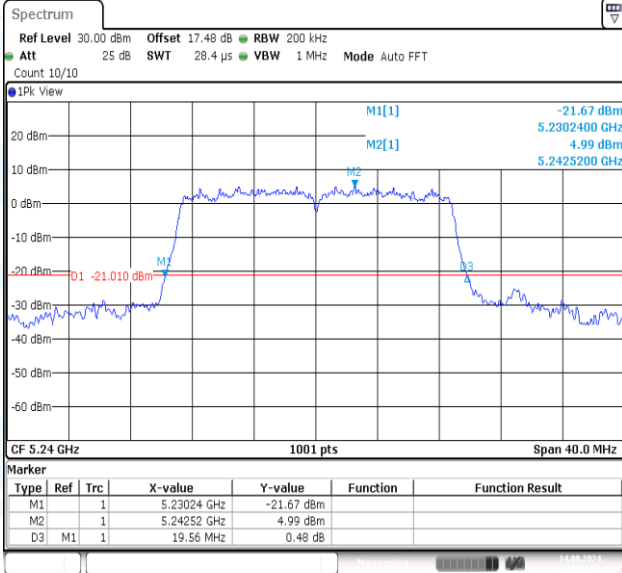
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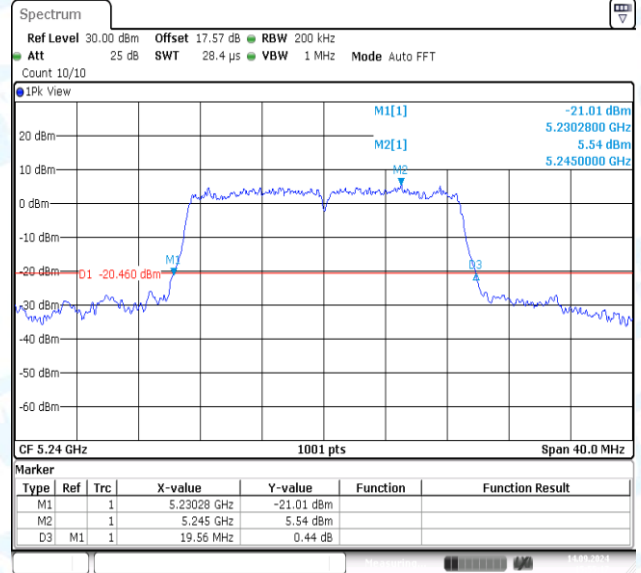
### 11N20MIMO-Ant2-5180



### 11N20MIMO-Ant1-5200



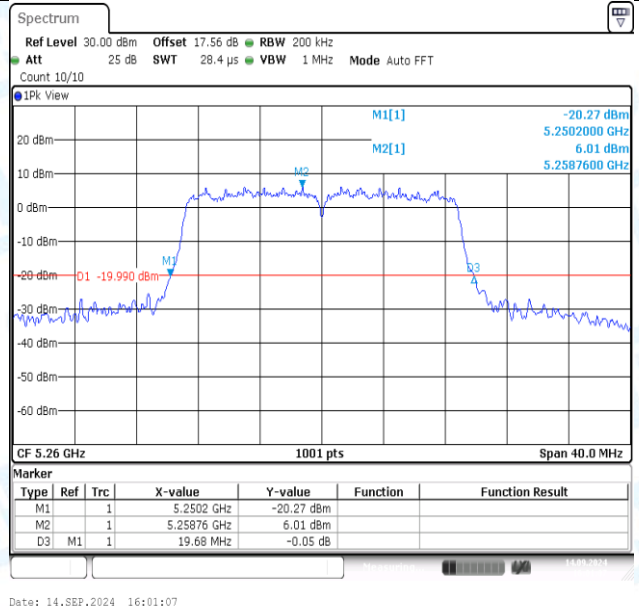
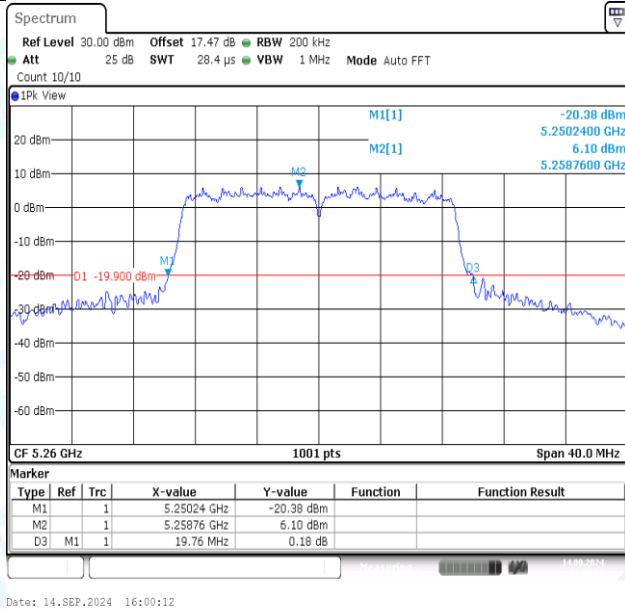
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### 11N20MIMO-Ant1-5240

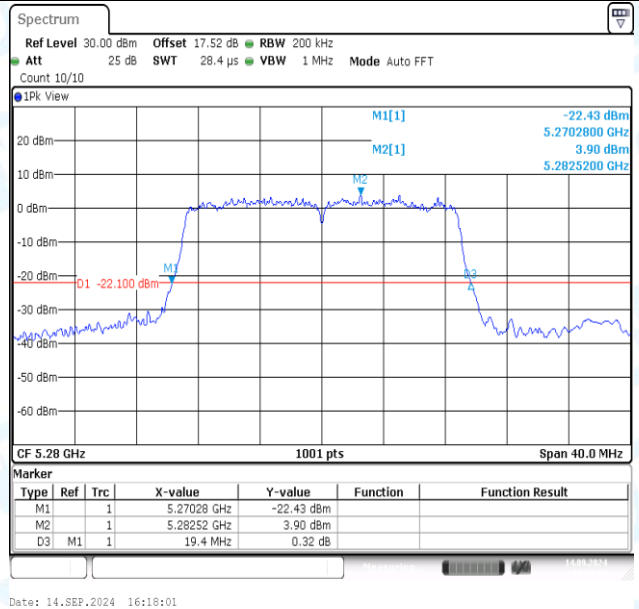
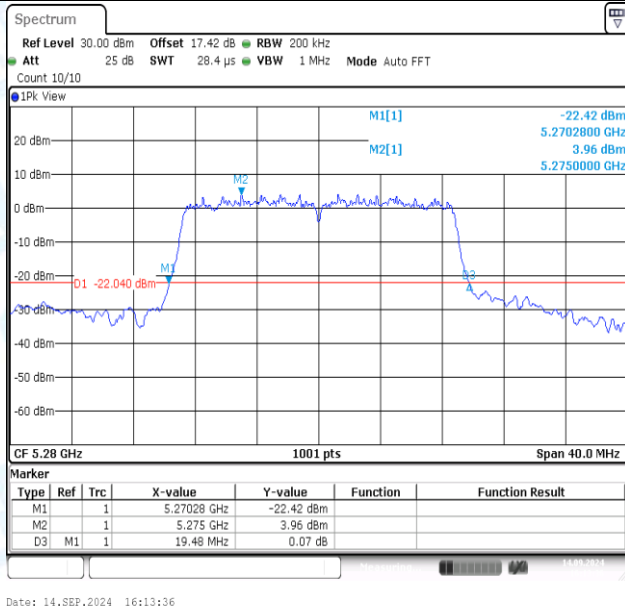
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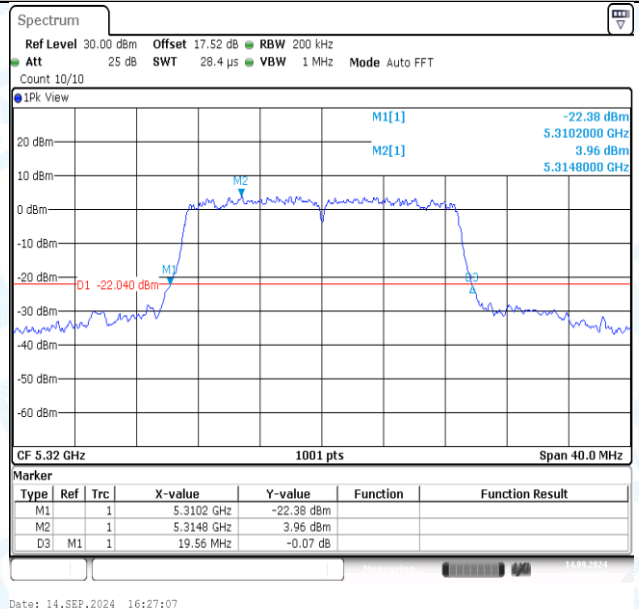
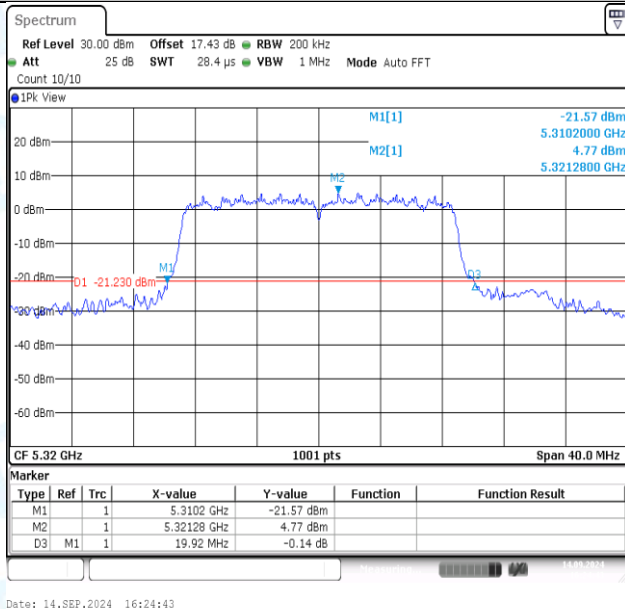
11N20MIMO-Ant1-5260

11N20MIMO-Ant2-5260

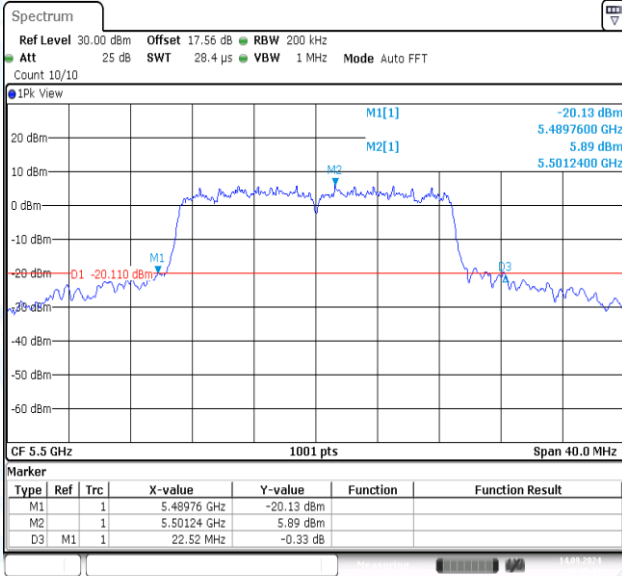


11N20MIMO-Ant1-5280

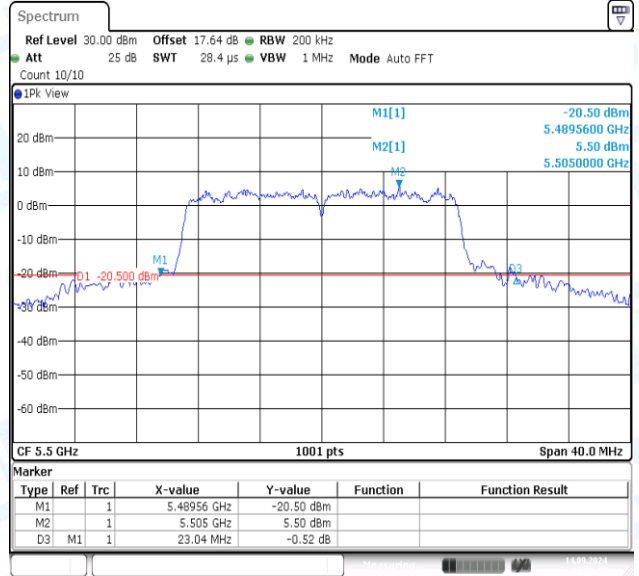
11N20MIMO-Ant2-5280



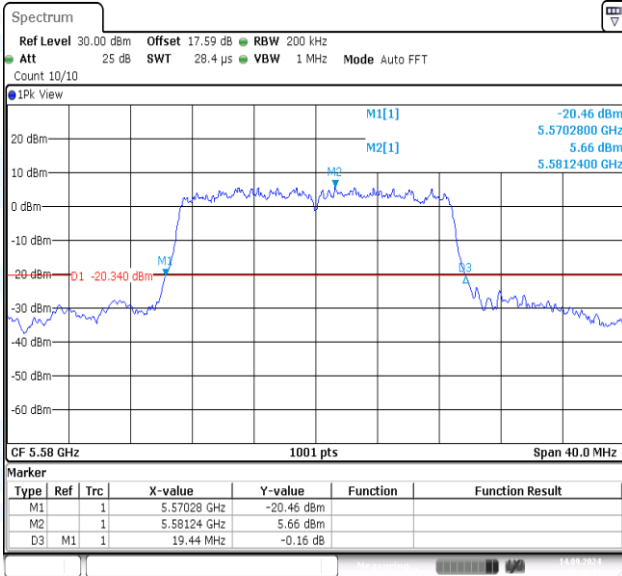
11N20MIMO-Ant1-5320



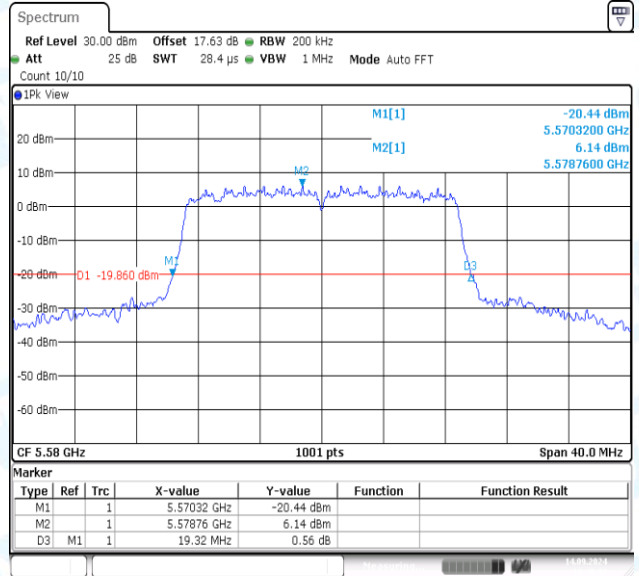
11N20MIMO-Ant2-5320



11N20MIMO-Ant1-5500



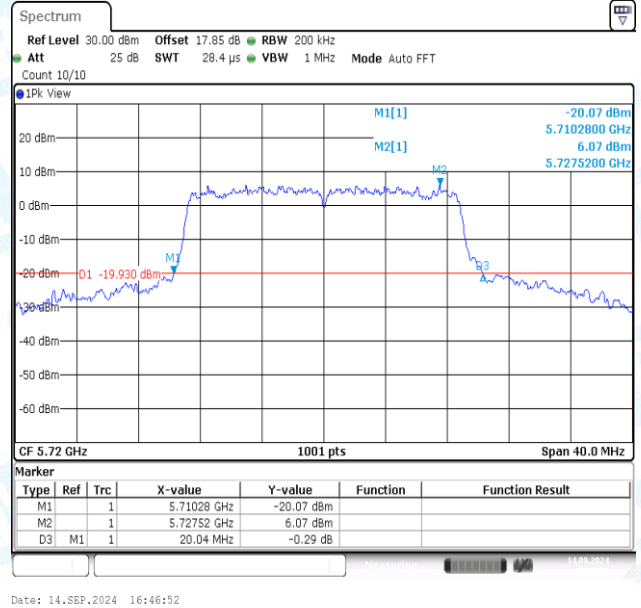
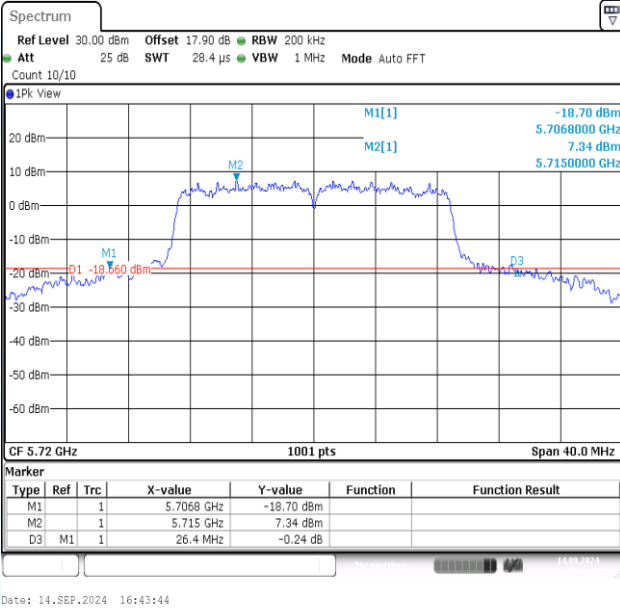
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11N20MIMO-Ant1-5580

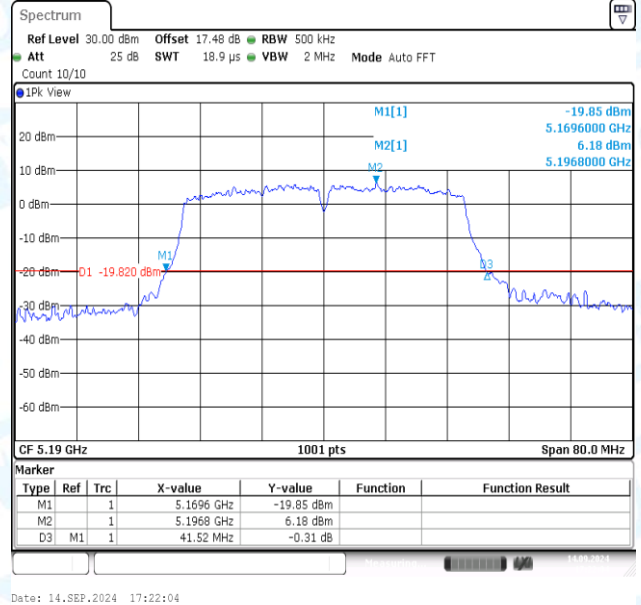
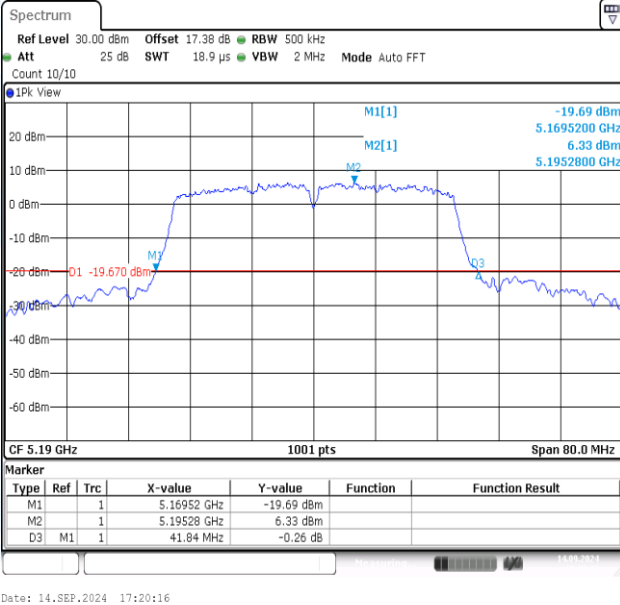
11N20MIMO-Ant2-5580





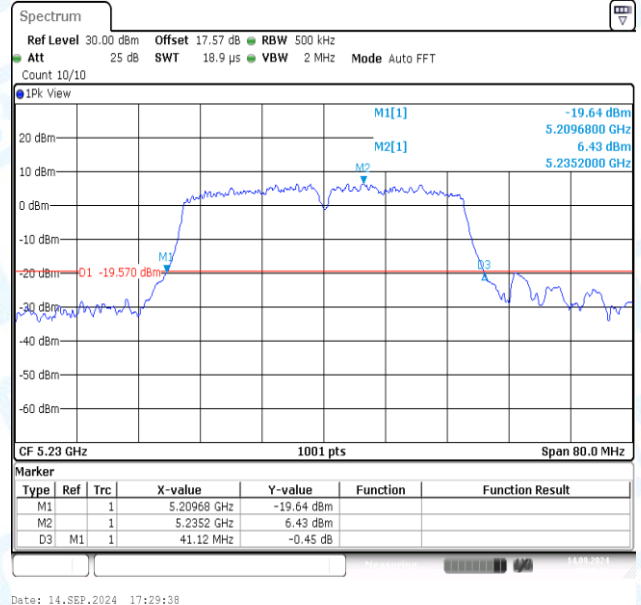
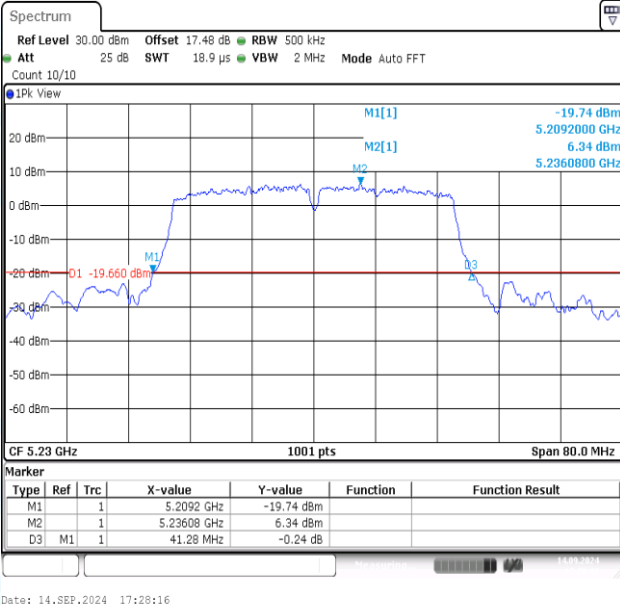
11N20MIMO-Ant1-5720

11N20MIMO-Ant2-5720

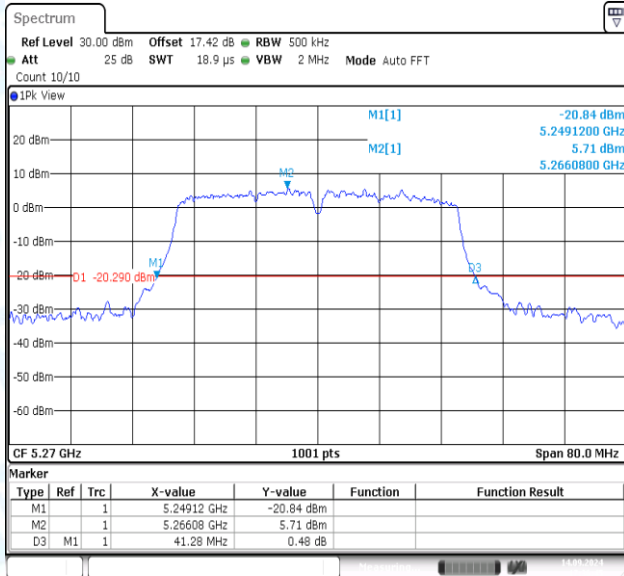


11N40MIMO-Ant1-5190

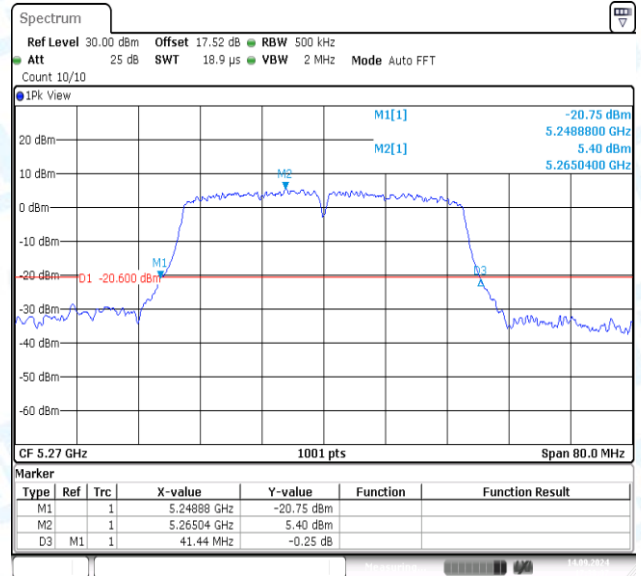
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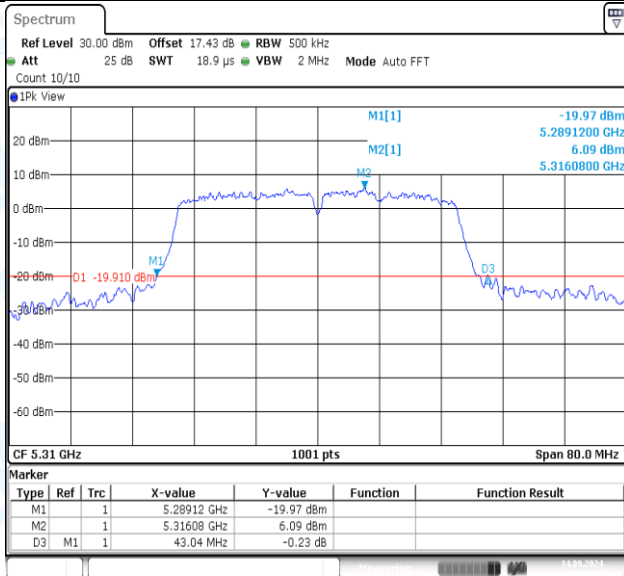
11N40MIMO-Ant1-5230



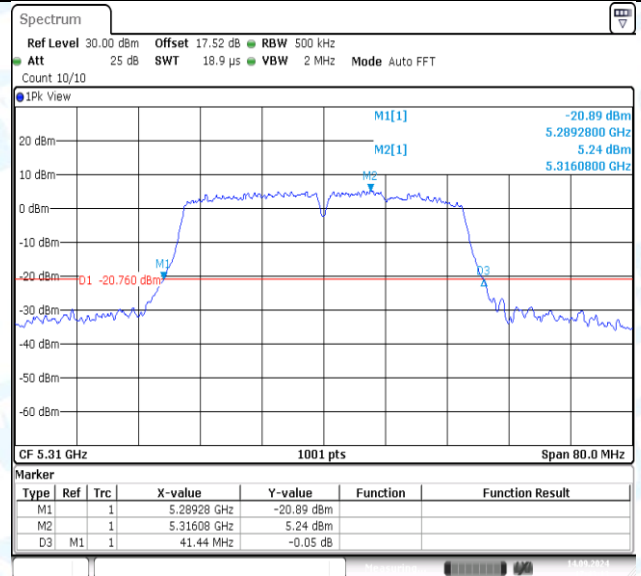
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11N40MIMO-Ant1-5270



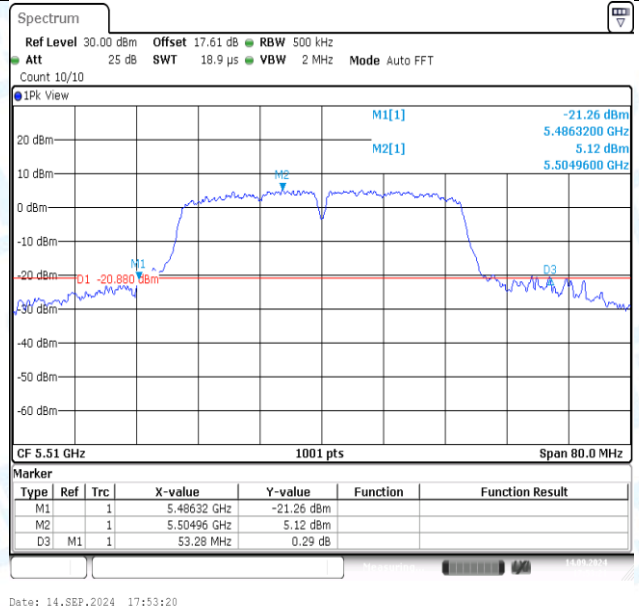
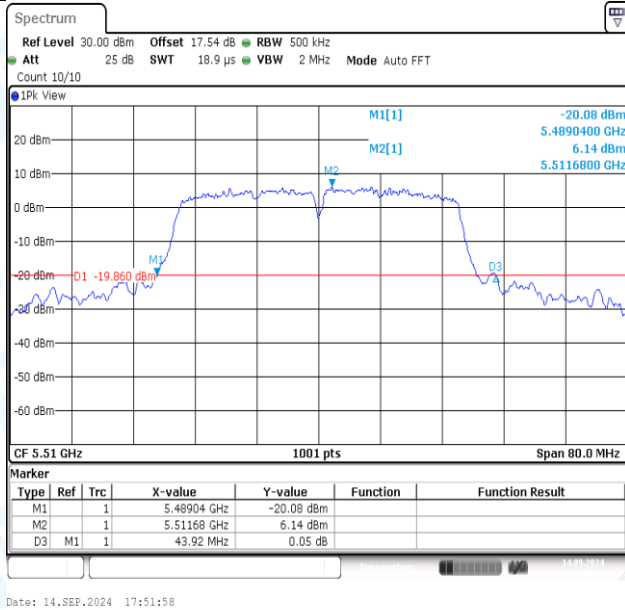
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11N40MIMO-Ant1-5310

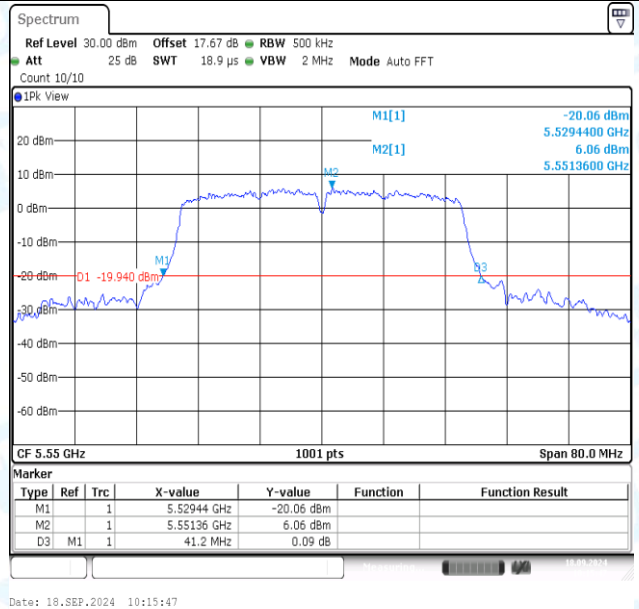
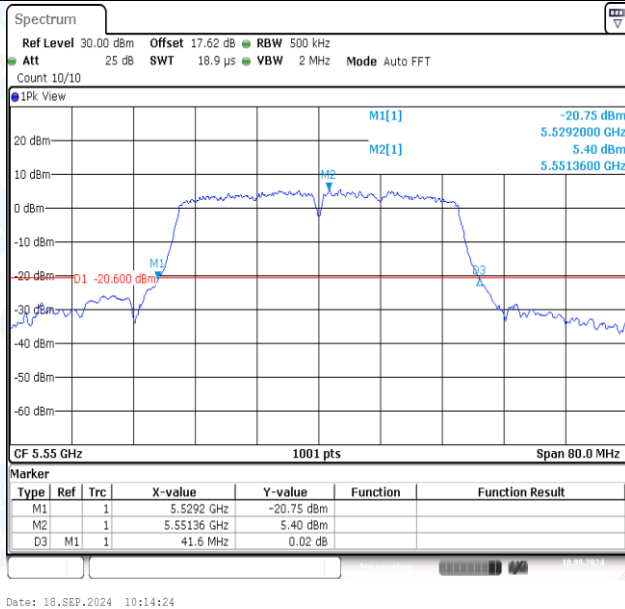
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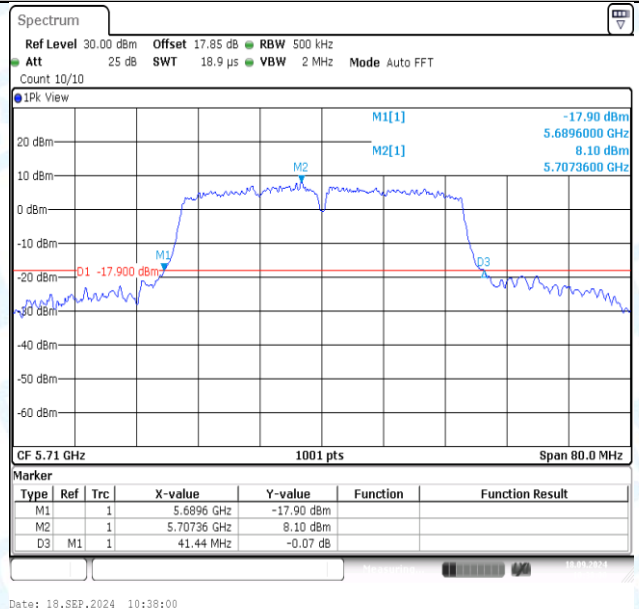
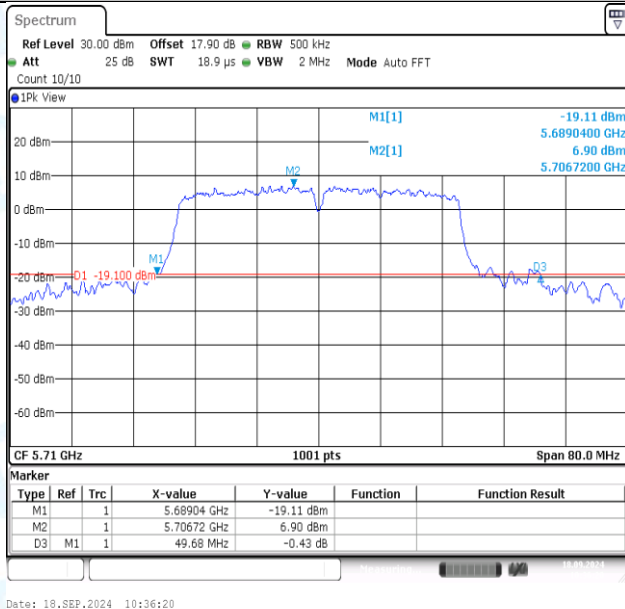
11N40MIMO-Ant1-5510

11N40MIMO-Ant2-5510

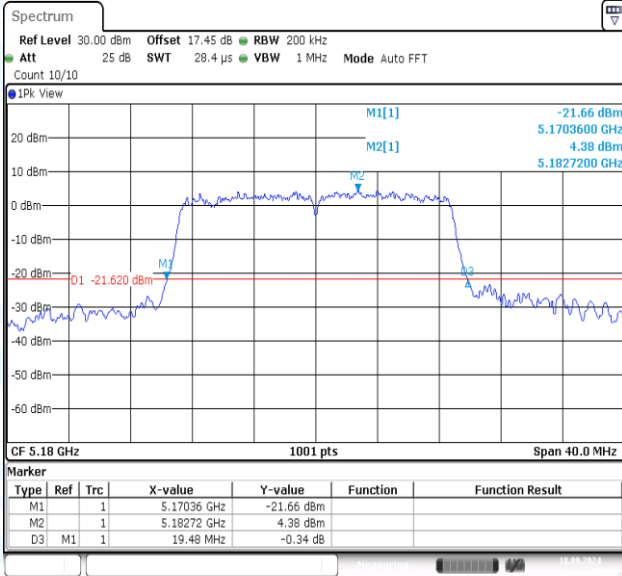


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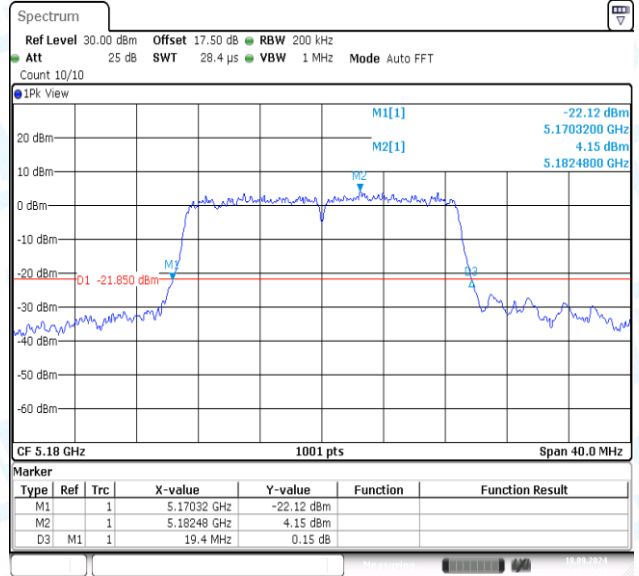
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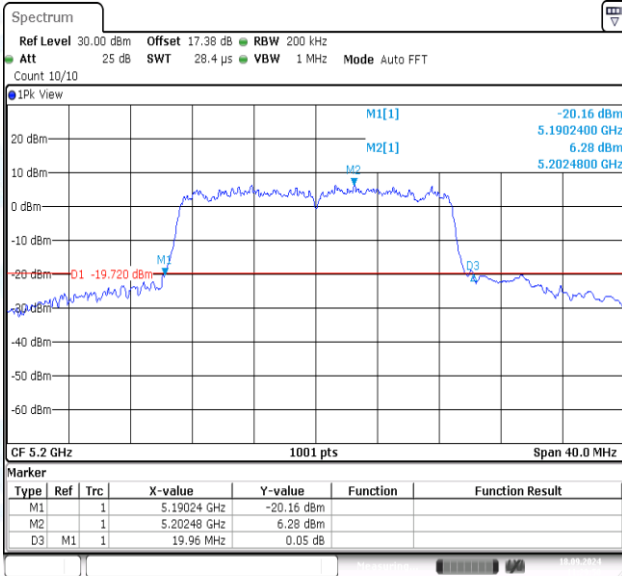
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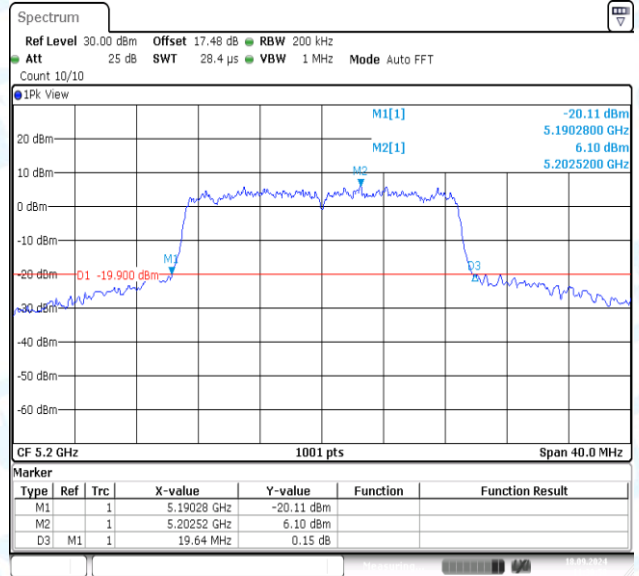
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11AC20MIMO-Ant1-5180



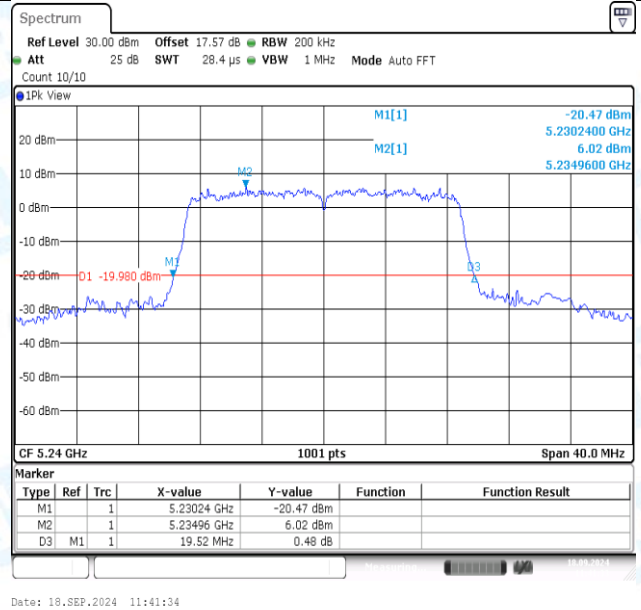
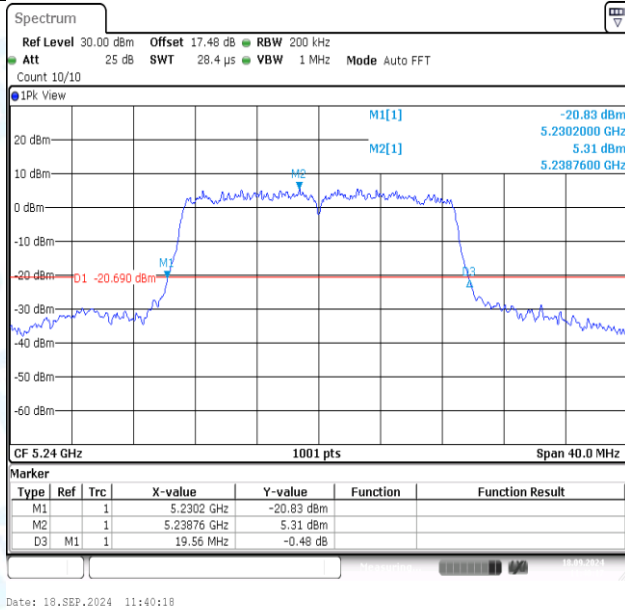
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11AC20MIMO-Ant1-5200

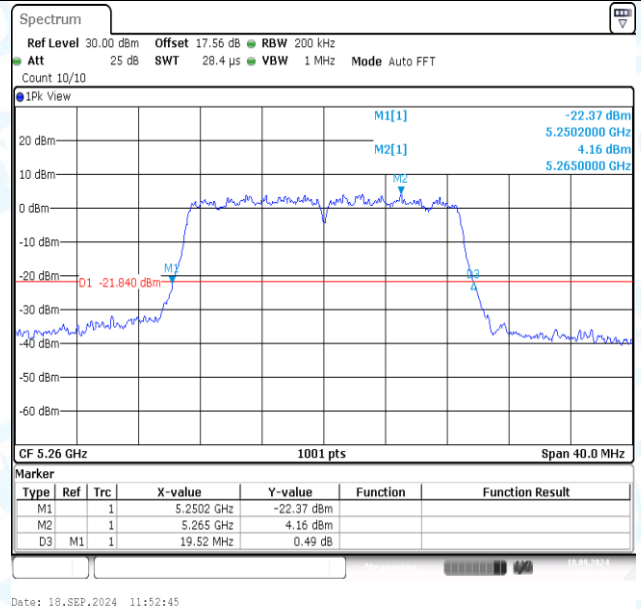
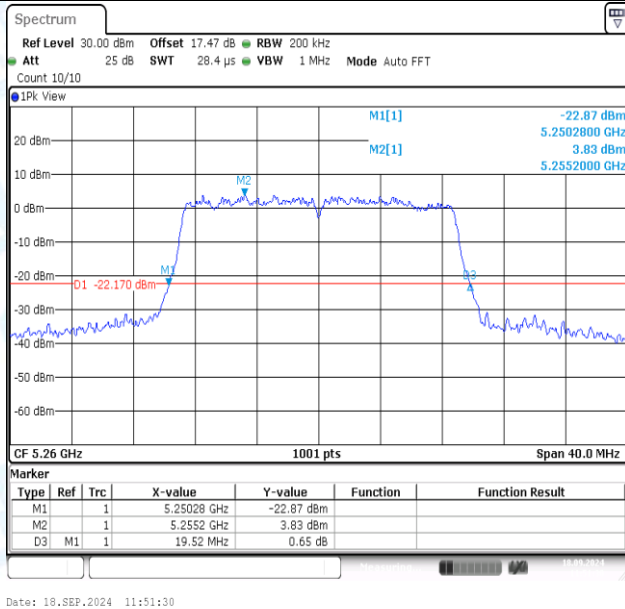
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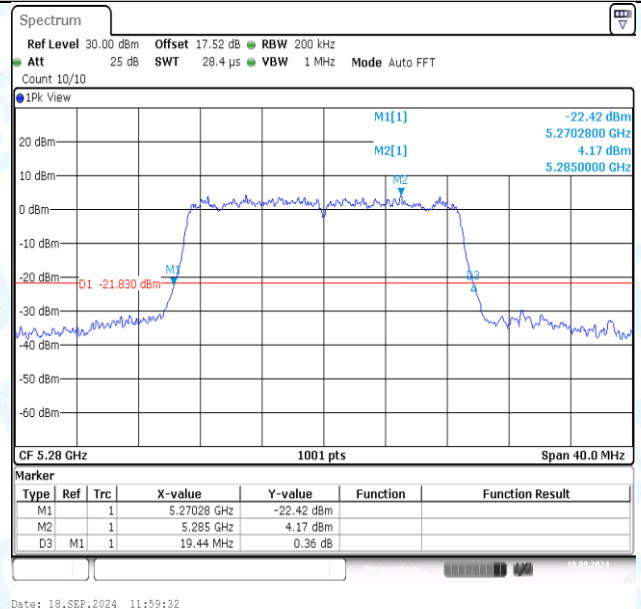
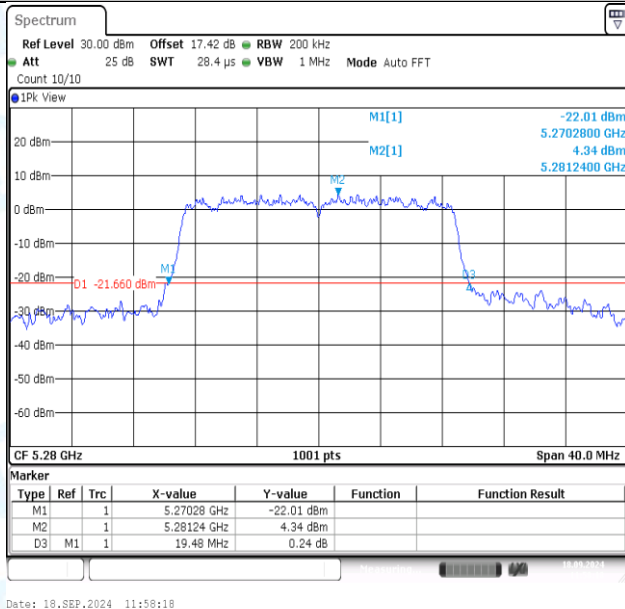
11AC20MIMO-Ant1-5240

11AC20MIMO-Ant2-5240



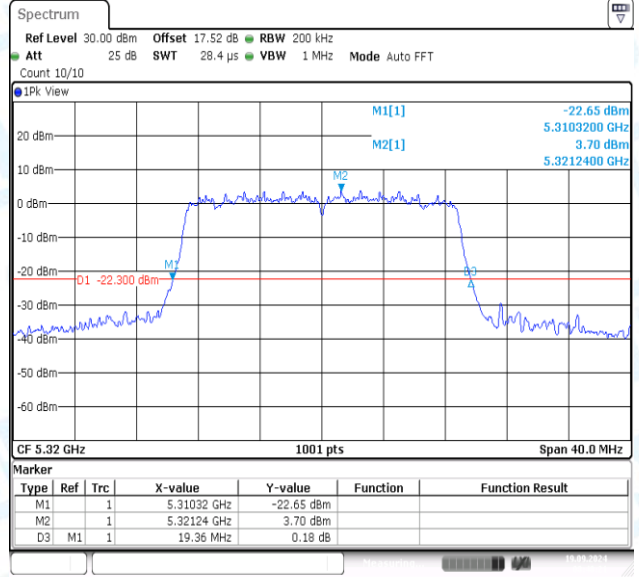
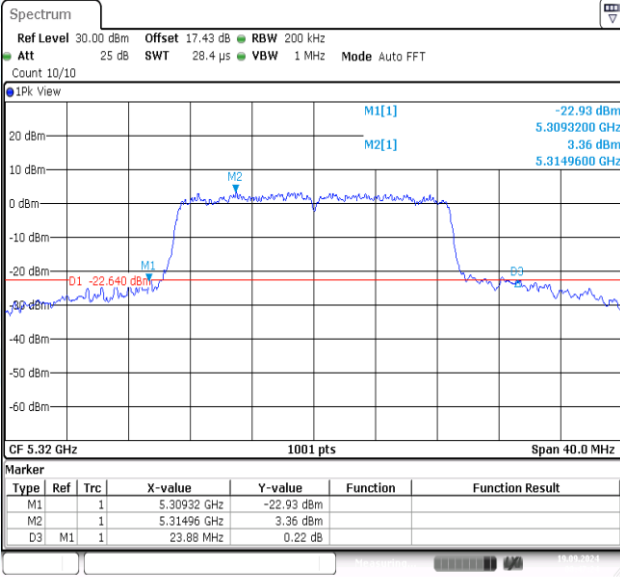
11AC20MIMO-Ant1-5260

11AC20MIMO-Ant2-5260



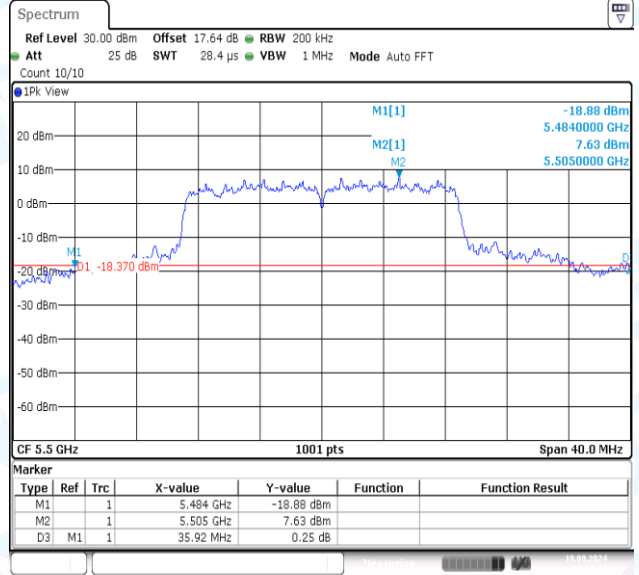
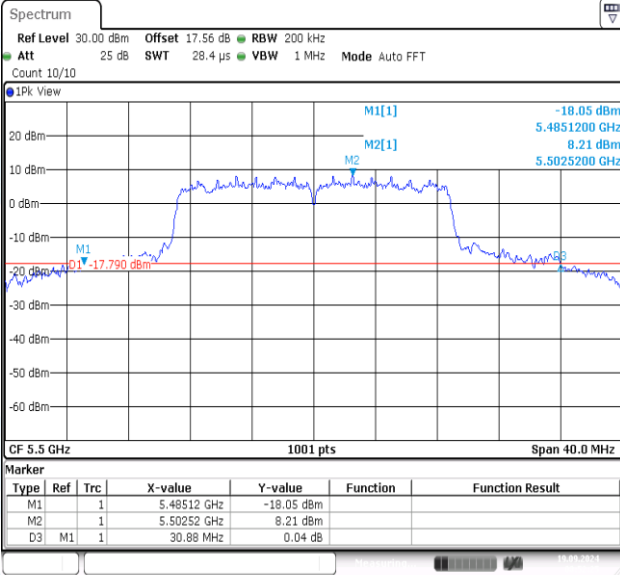
11AC20MIMO-Ant1-5280

11AC20MIMO-Ant2-5280



11AC20MIMO-Ant1-5320

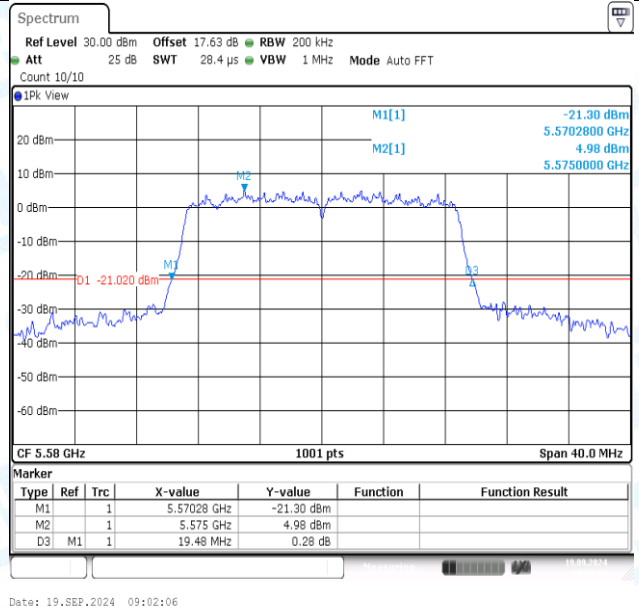
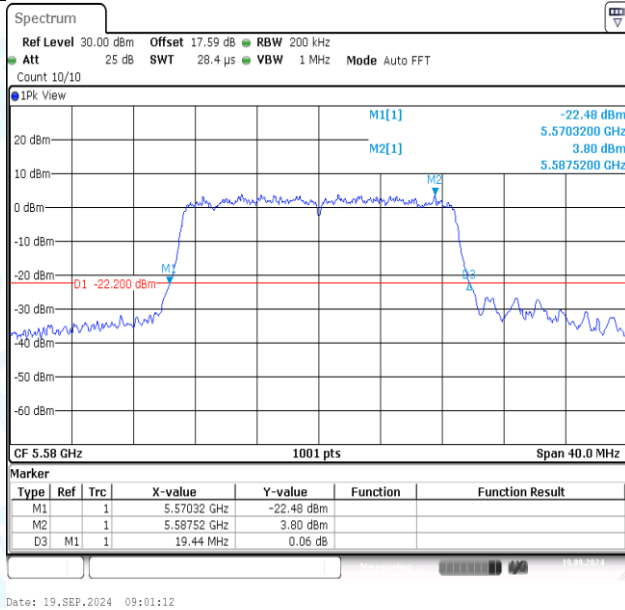
11AC20MIMO-Ant2-5320



11AC20MIMO-Ant1-5500

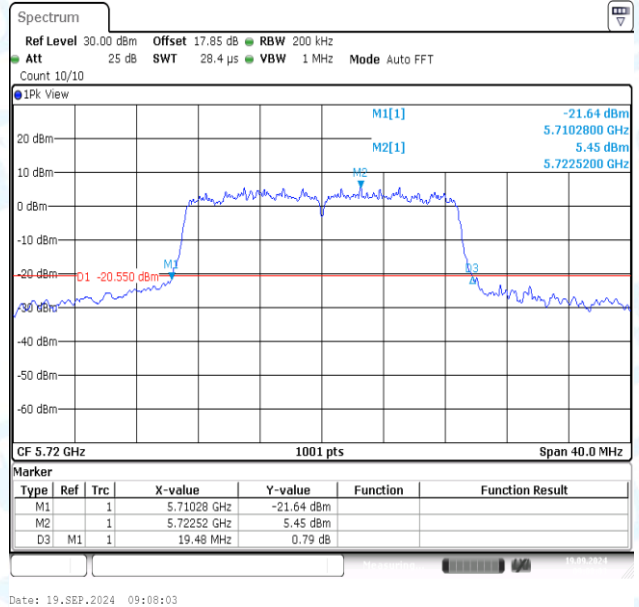
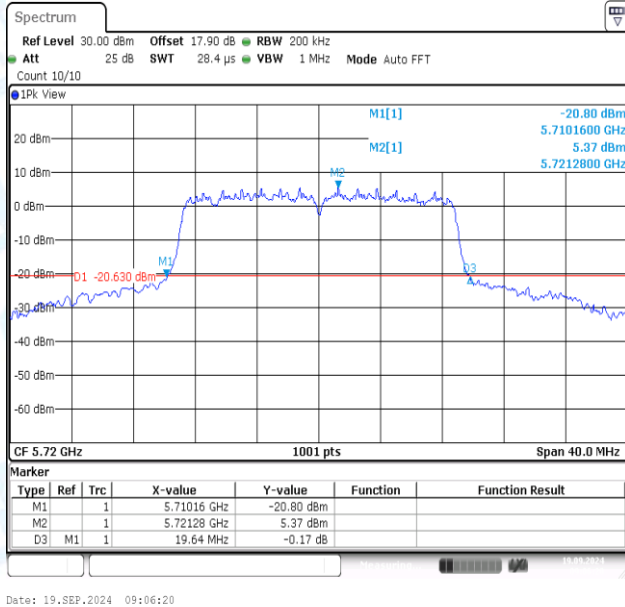
11AC20MIMO-Ant2-5500





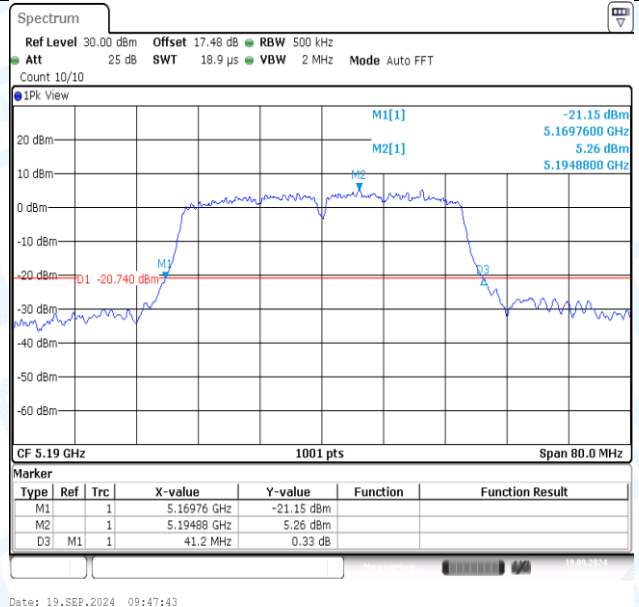
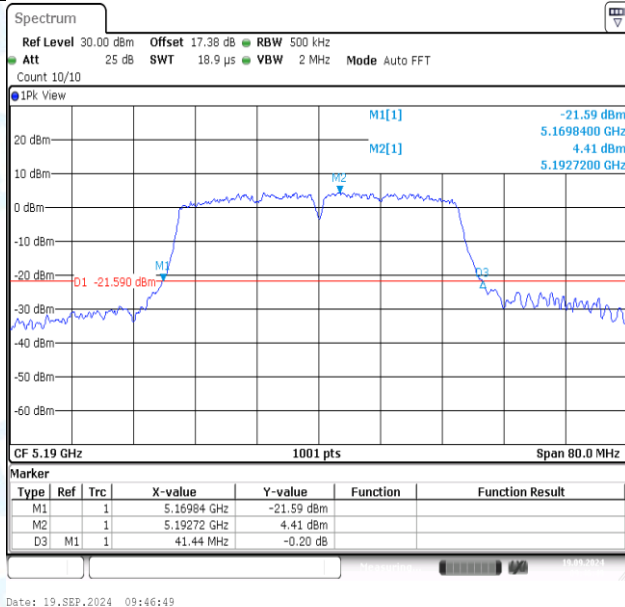
11AC20MIMO-Ant1-5580

11AC20MIMO-Ant2-5580

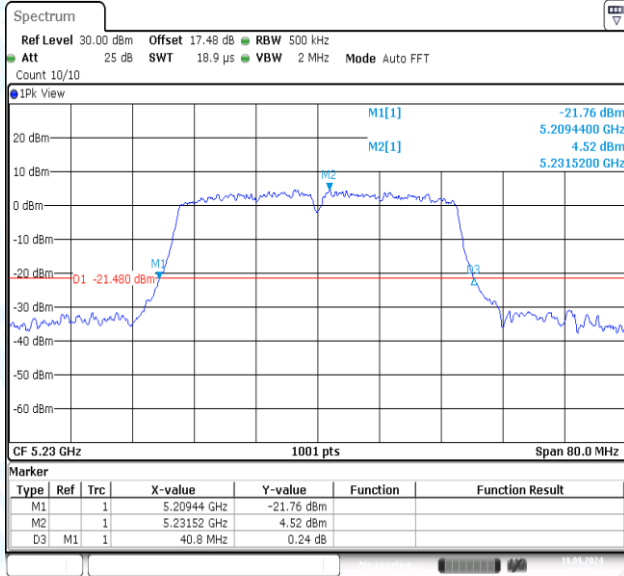


11AC20MIMO-Ant1-5720

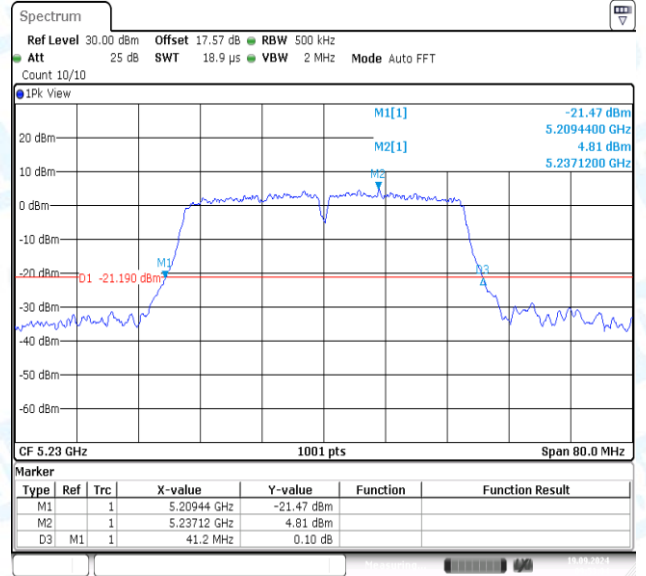
11AC20MIMO-Ant2-5720



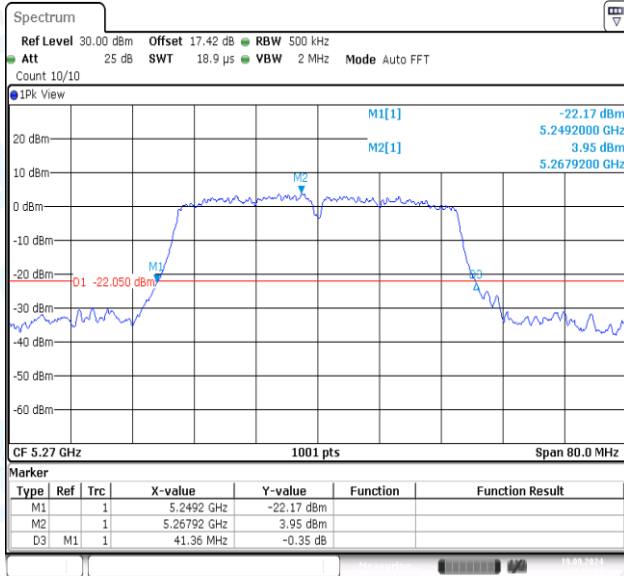
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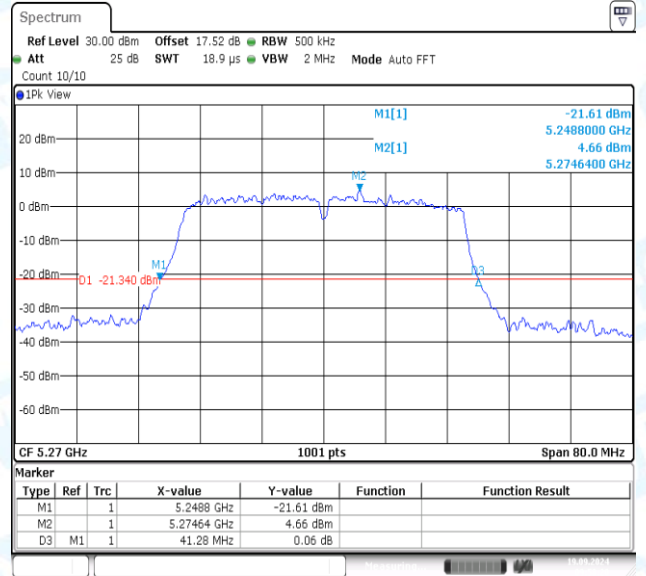
### 11AC40MIMO-Ant2-5190



### 11AC40MIMO-Ant1-5230



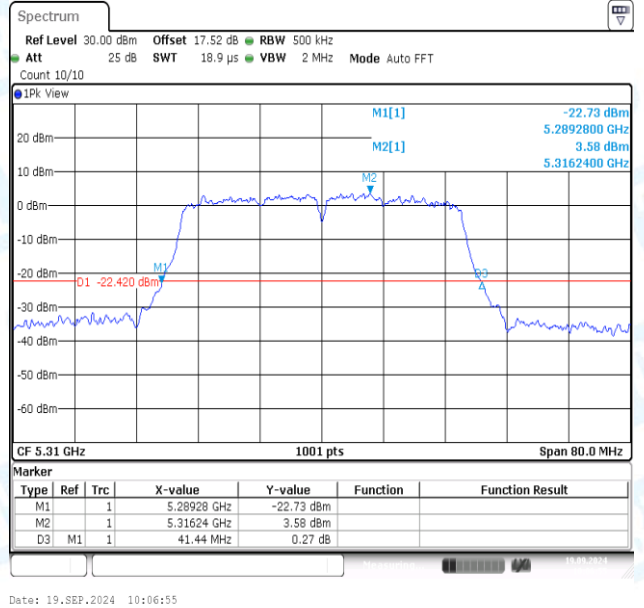
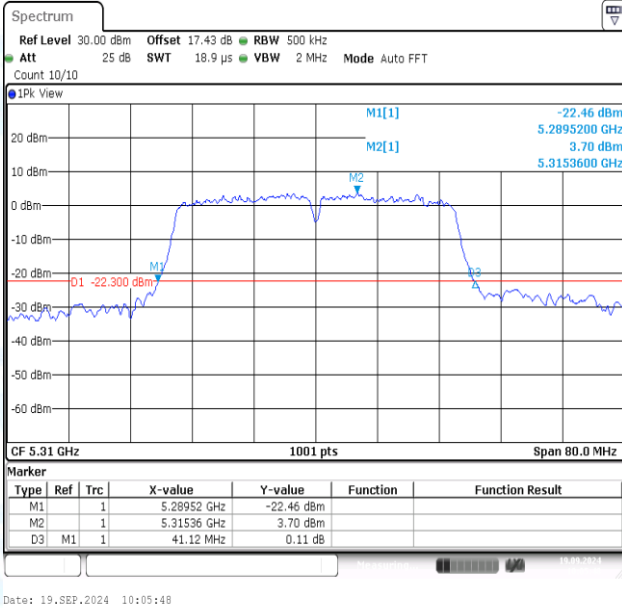
### 11AC40MIMO-Ant2-5230



### 11AC40MIMO-Ant1-5270

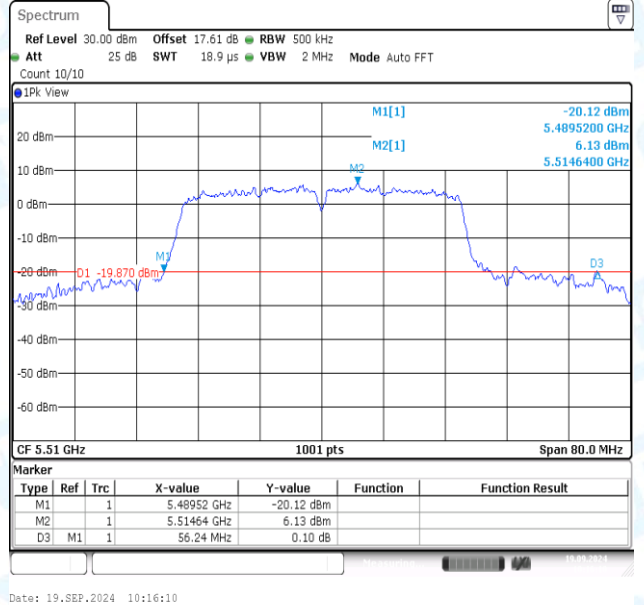
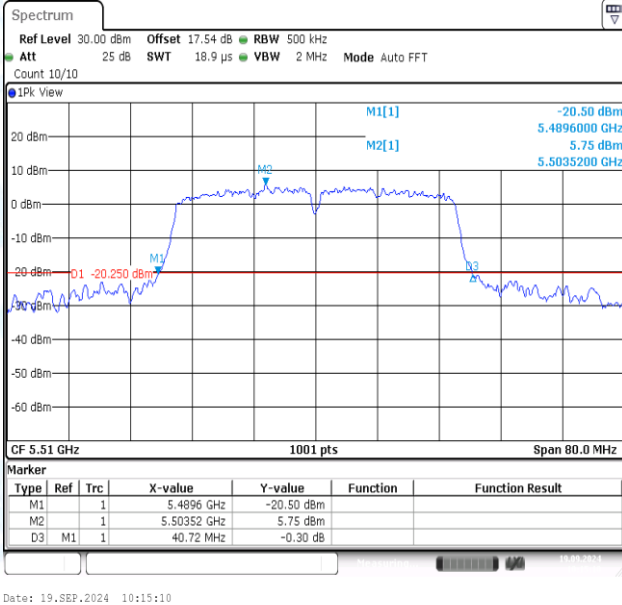
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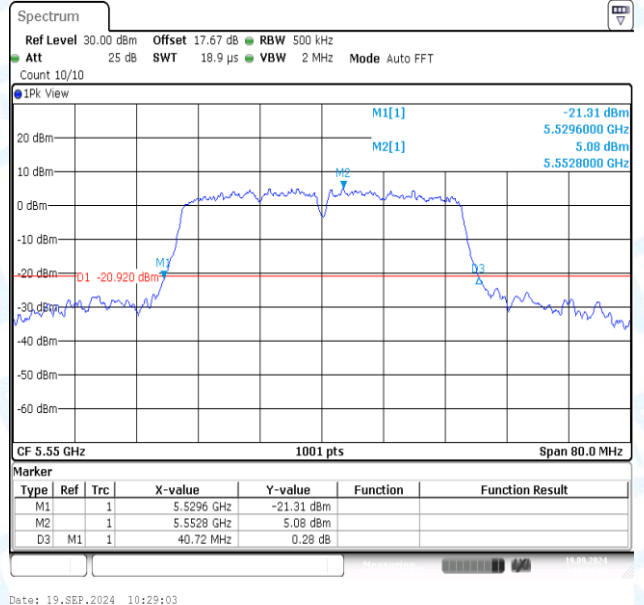
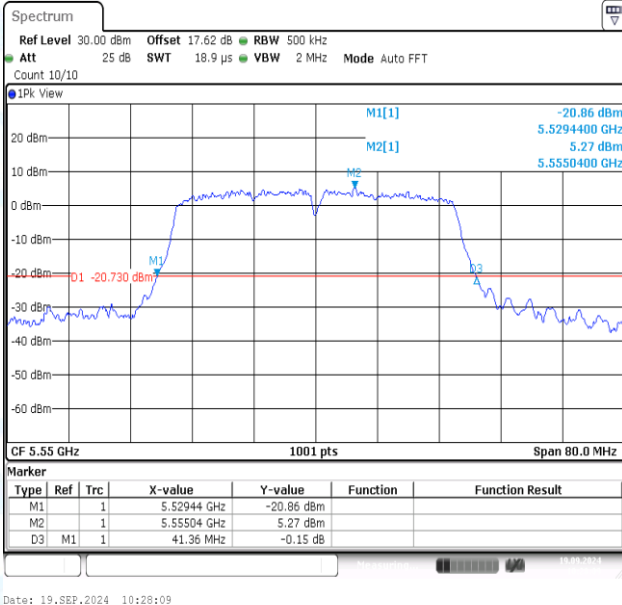
11AC40MIMO-Ant1-5310

11AC40MIMO-Ant2-5310

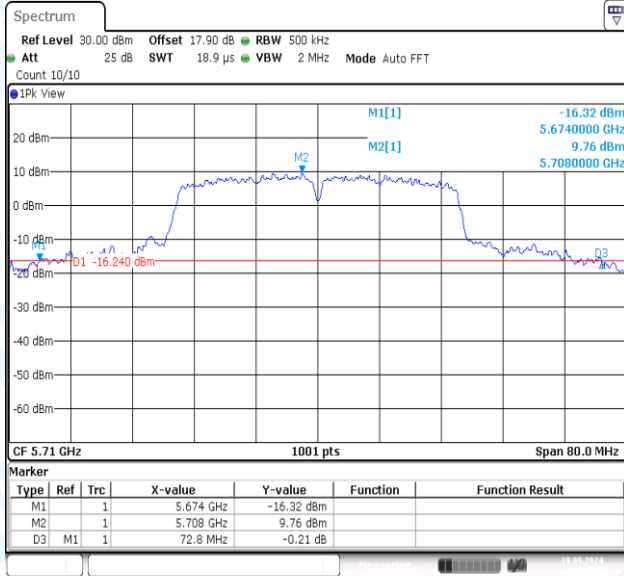


11AC40MIMO-Ant1-5510

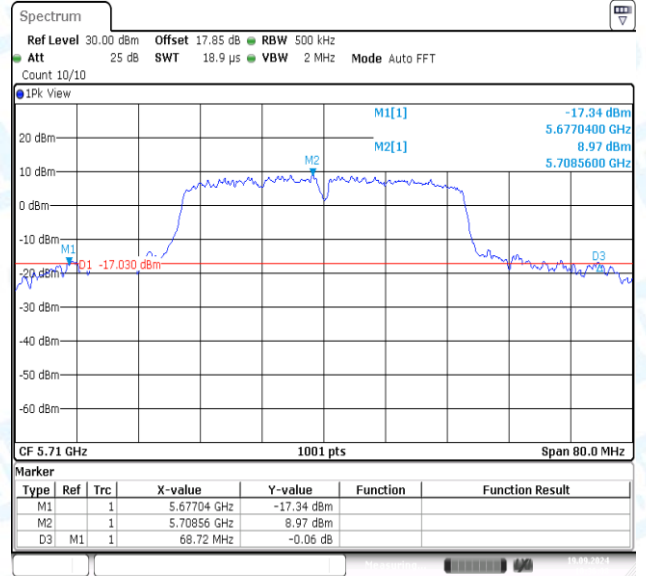
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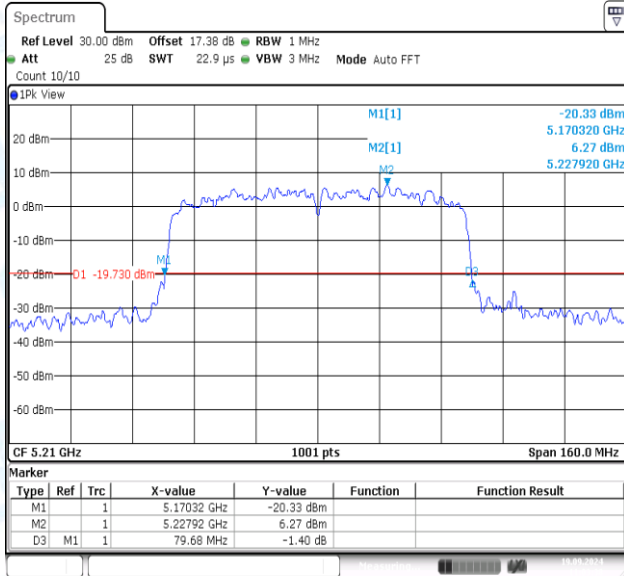
11AC40MIMO-Ant1-5550



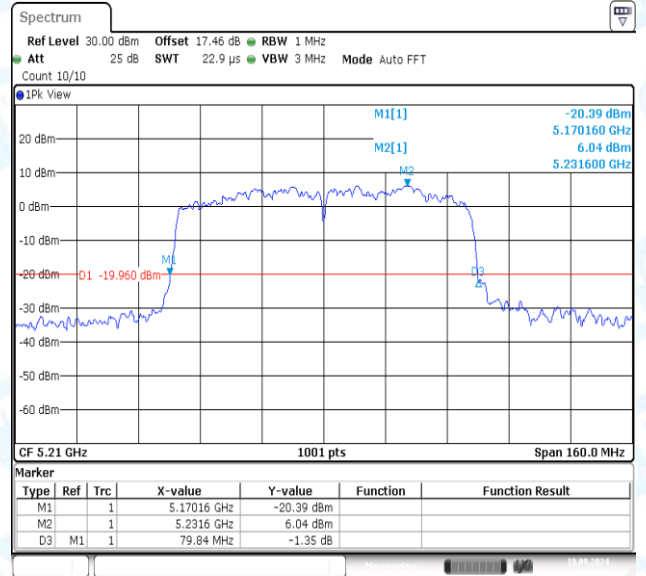
11AC40MIMO-Ant2-5550



11AC40MIMO-Ant1-5710



11AC40MIMO-Ant2-5710



11AC80MIMO-Ant1-5210

11AC80MIMO-Ant2-5210