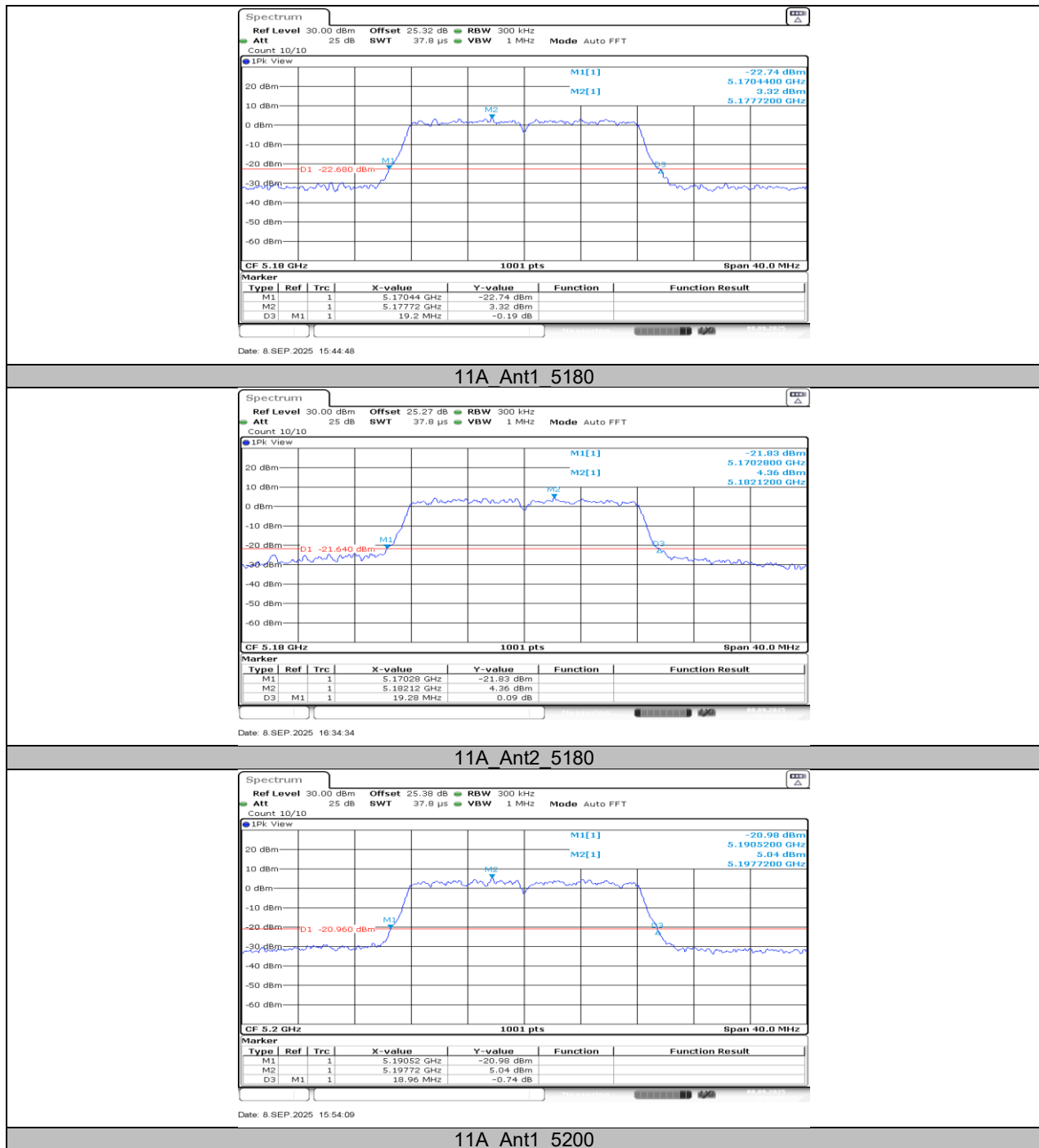
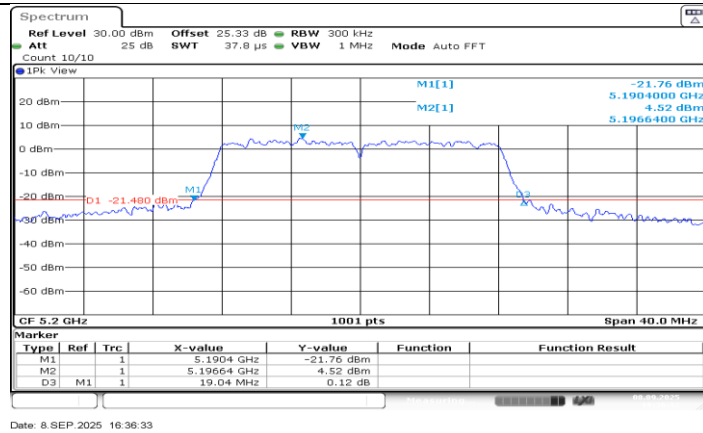
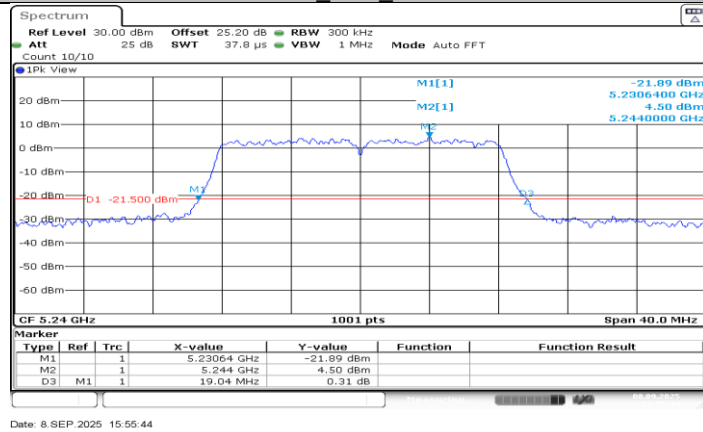


## 11.1.2. Test Graphs

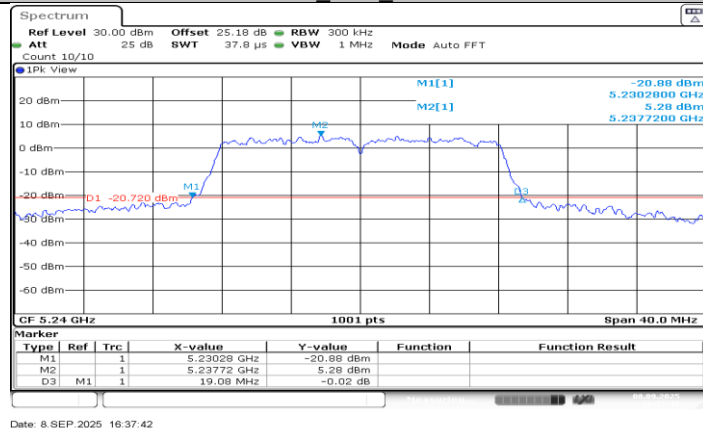




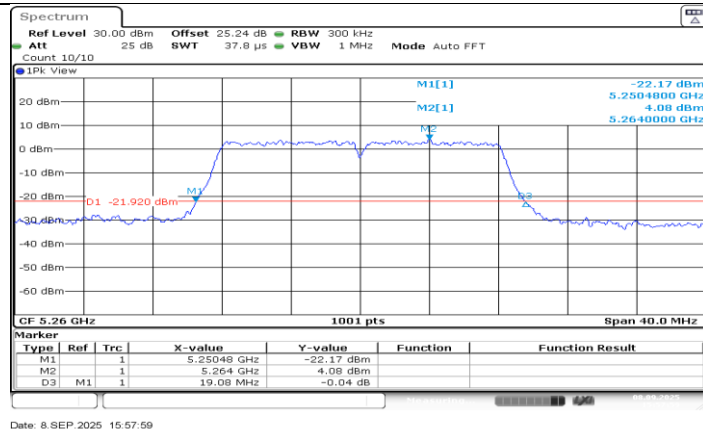
11A\_Ant2\_5200



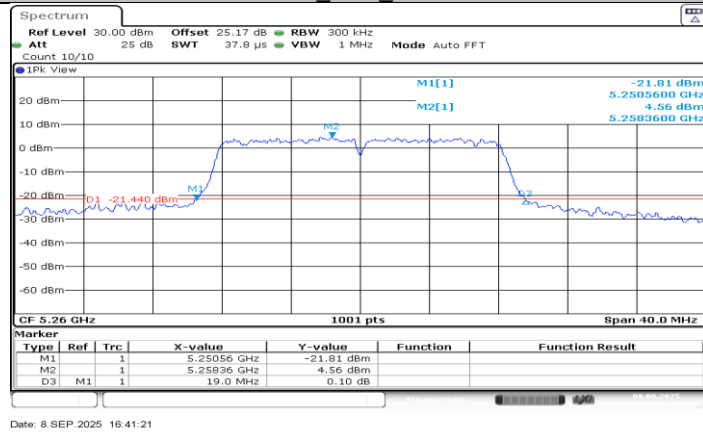
11A\_Ant1\_5240



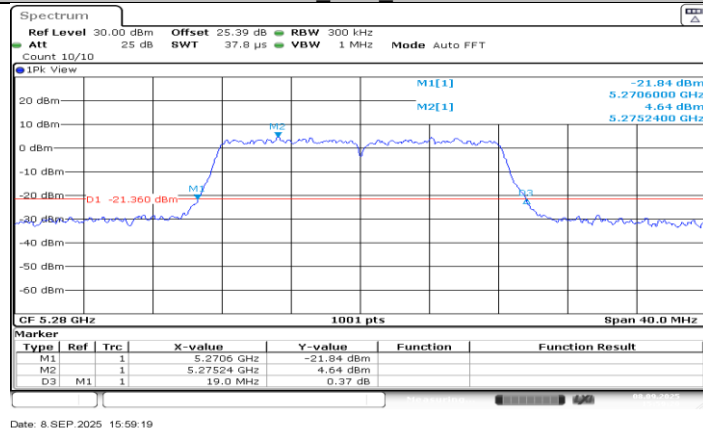
11A\_Ant2\_5240



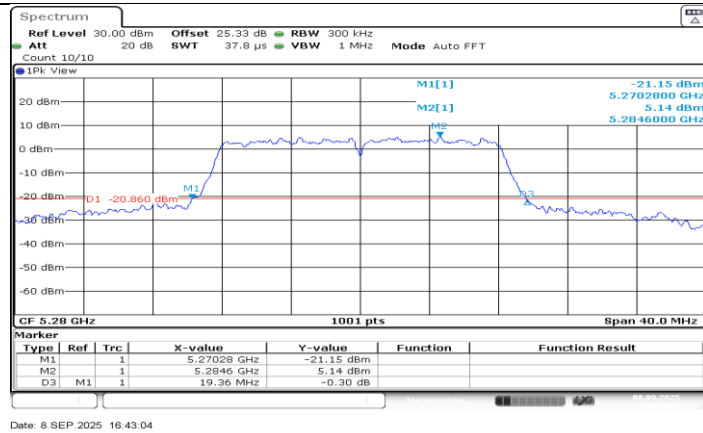
11A\_Ant1\_5260



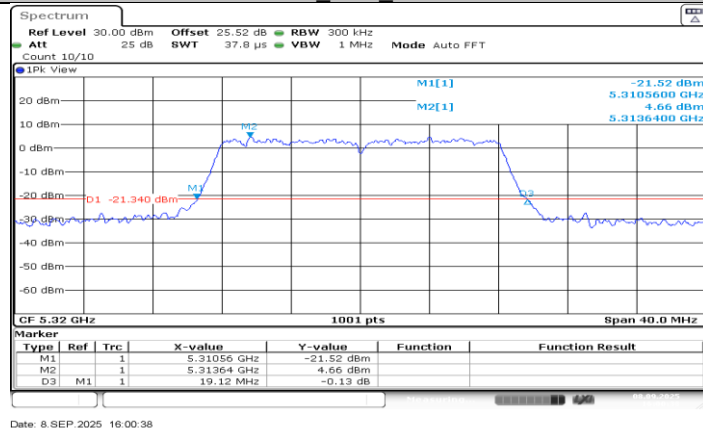
11A\_Ant2\_5260



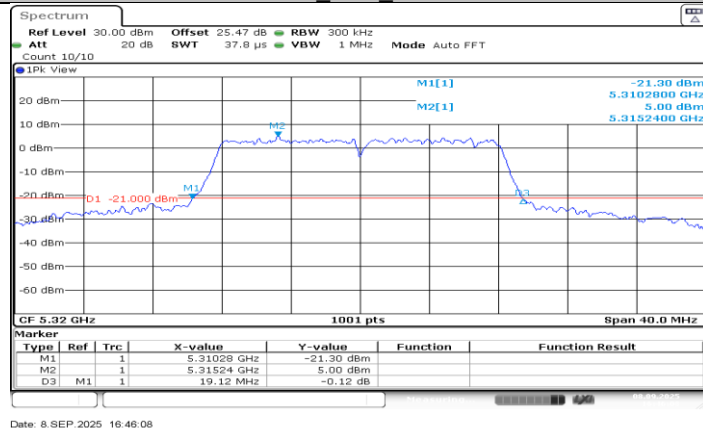
11A\_Ant1\_5280



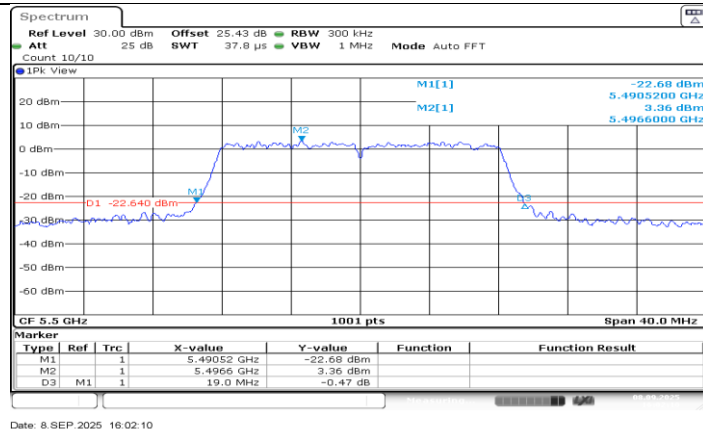
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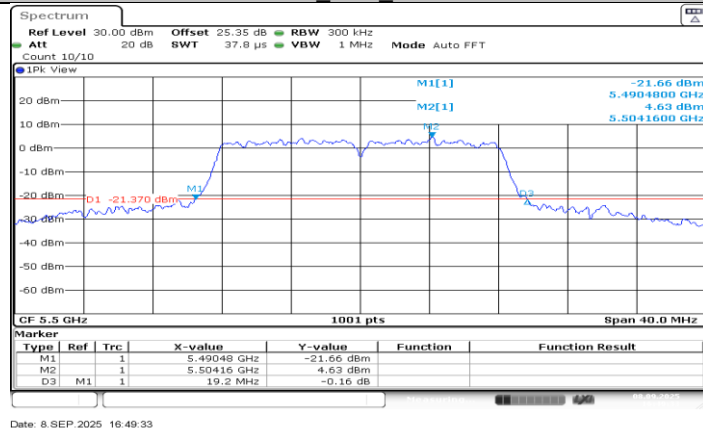
11A\_Ant1\_5320



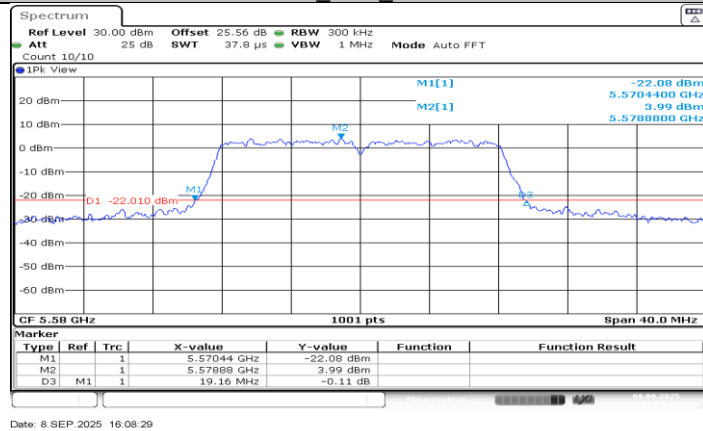
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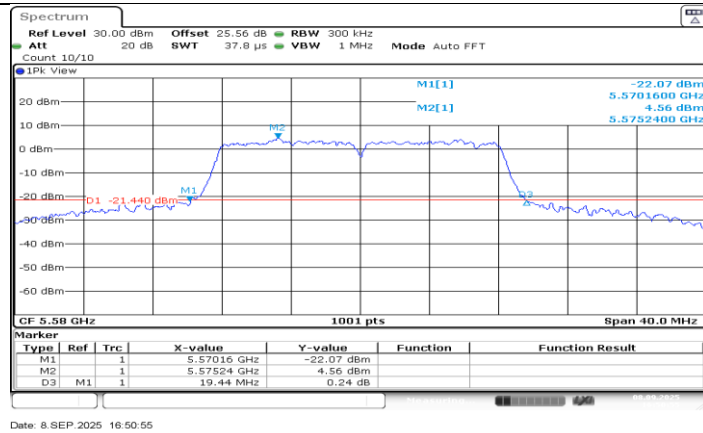
11A\_Ant1\_5500



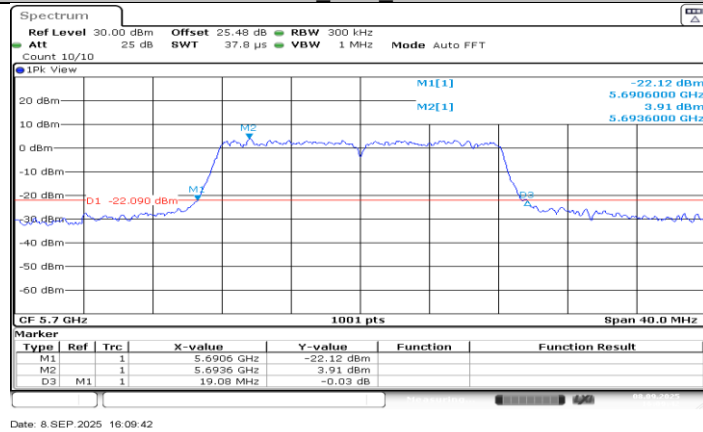
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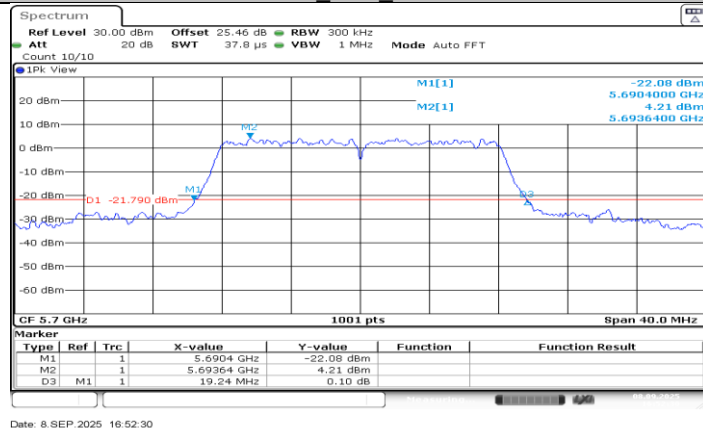
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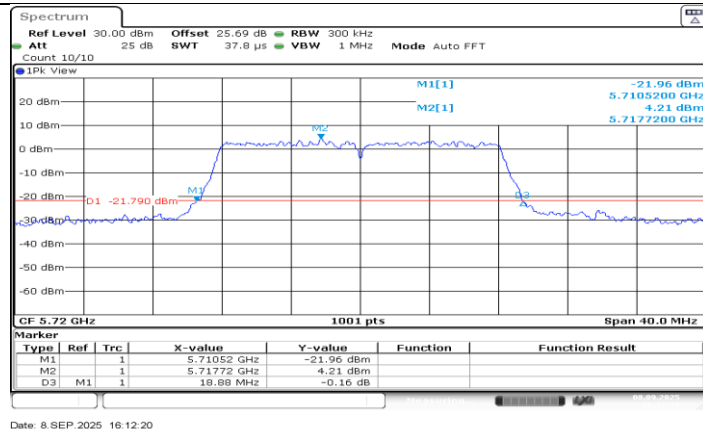
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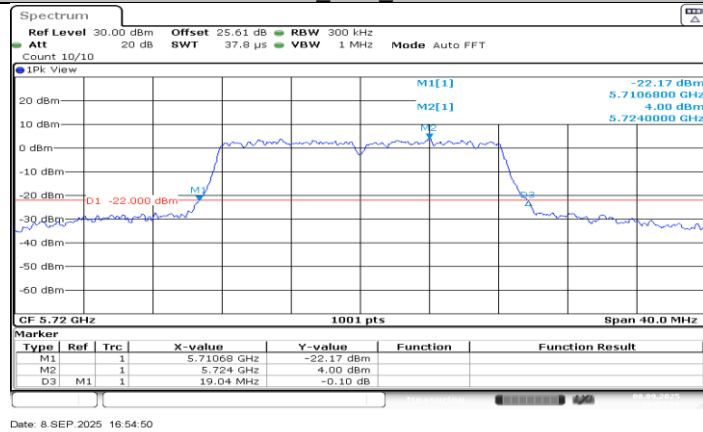
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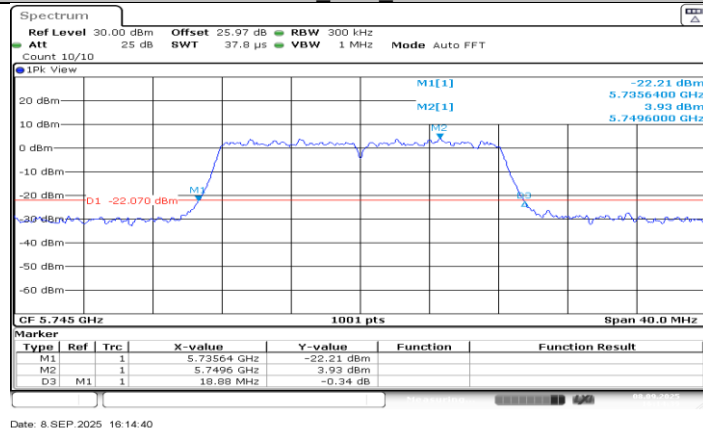
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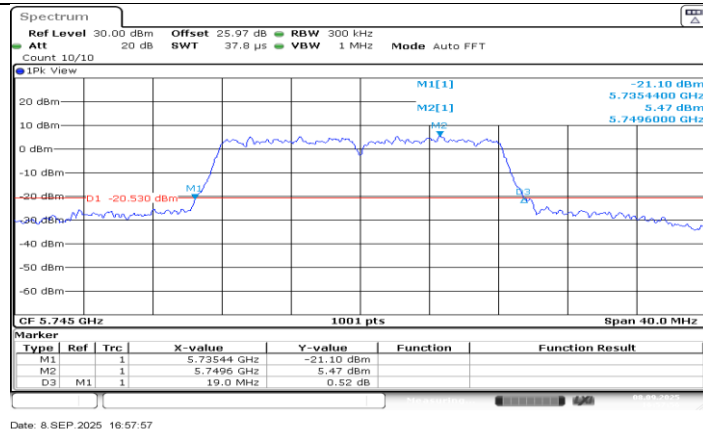
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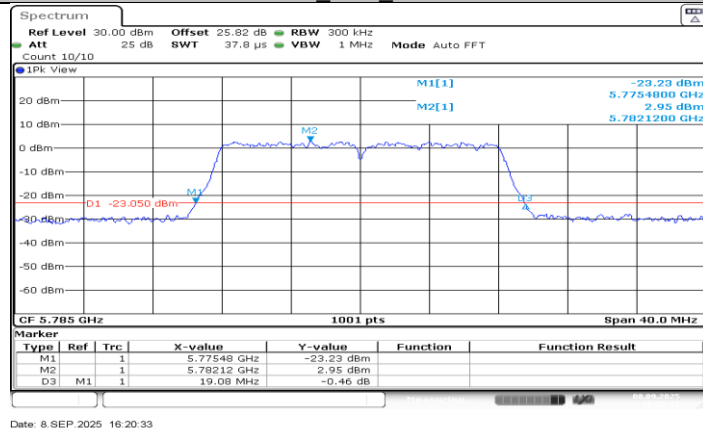
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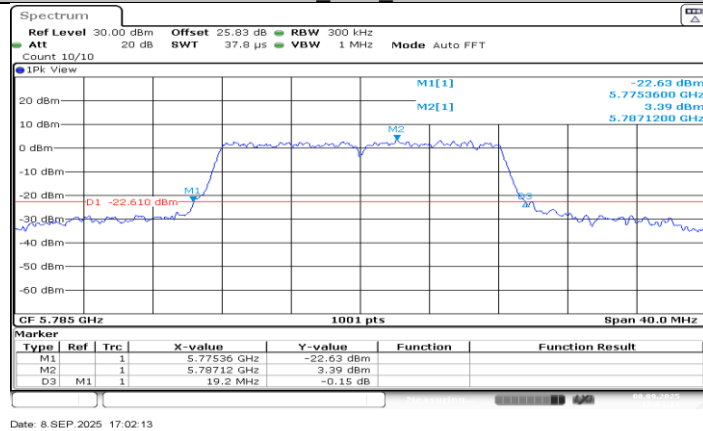
11A\_Ant1\_5745



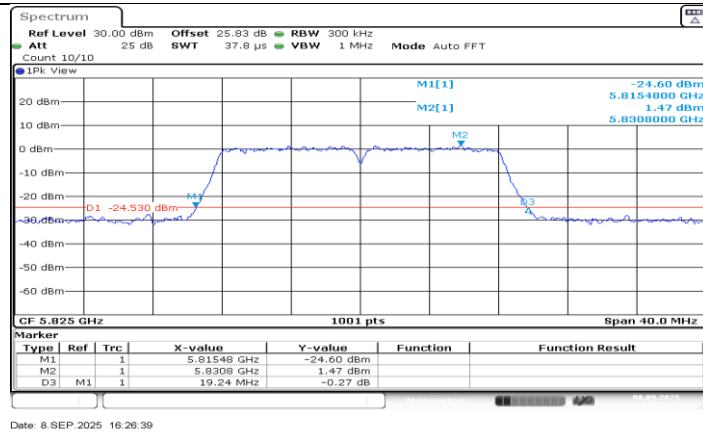
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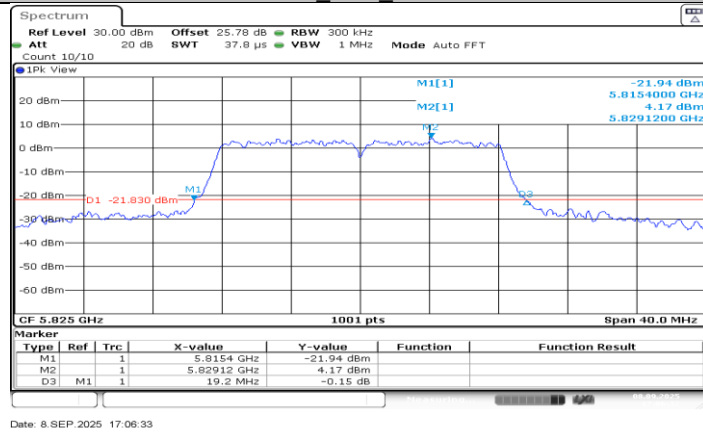
11A\_Ant1\_5785



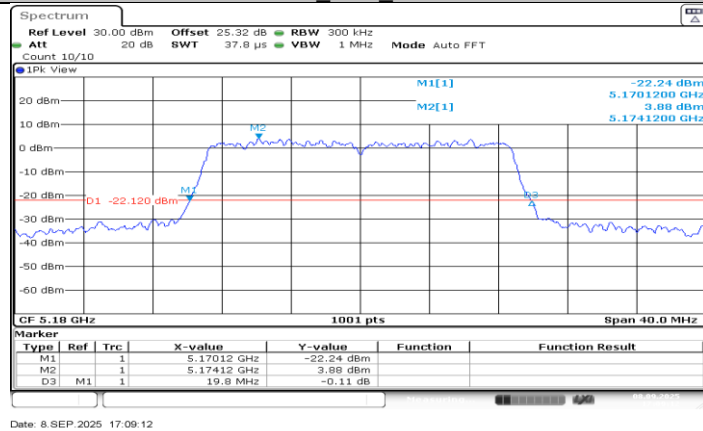
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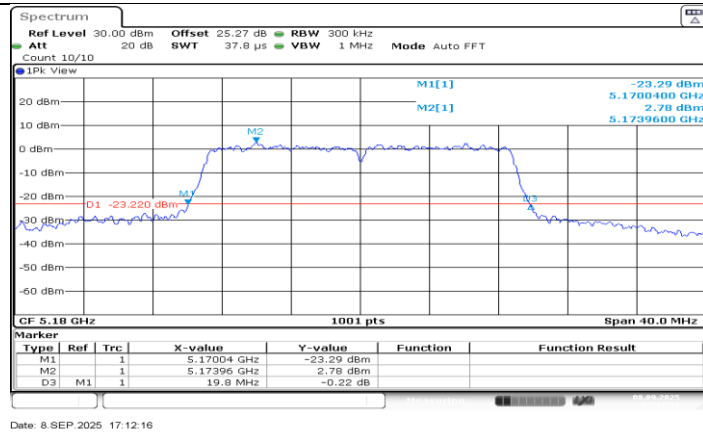
11A\_Ant1\_5825



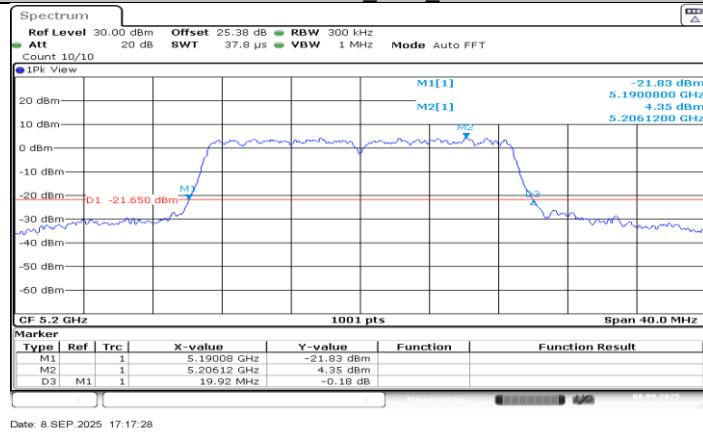
11A\_Ant2\_5825



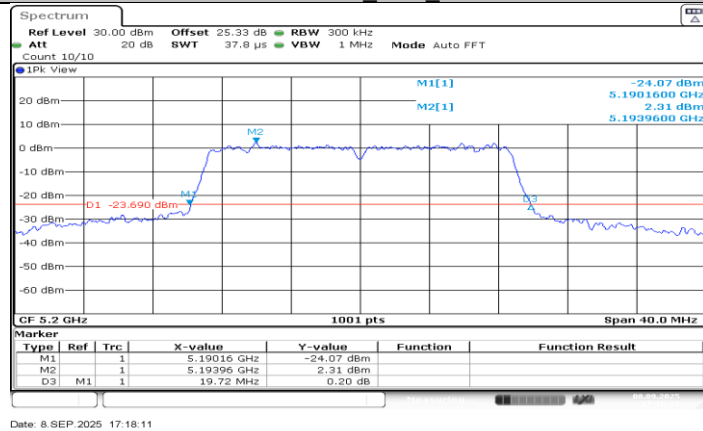
11N20MIMO\_Ant1\_5180



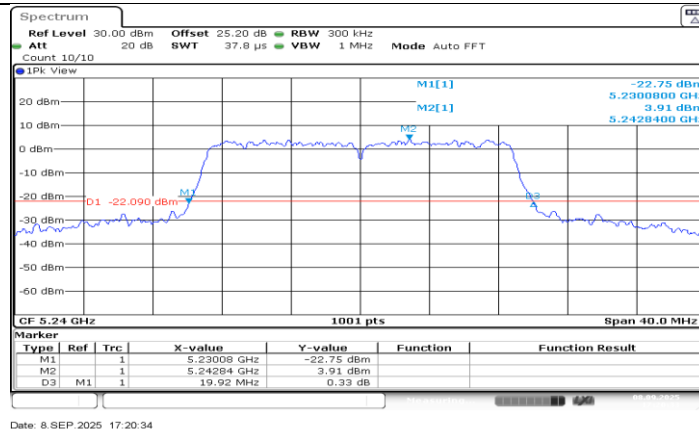
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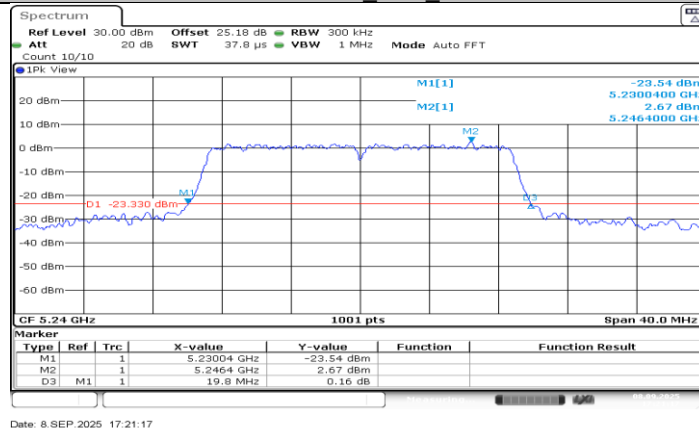
11N20MIMO\_Ant1\_5200



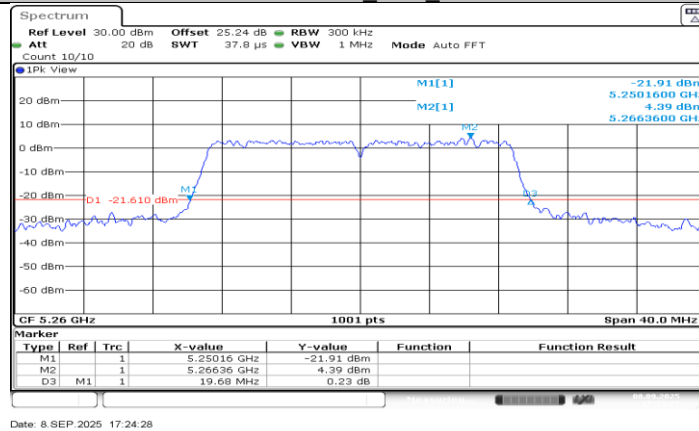
11N20MIMO\_Ant2\_5200



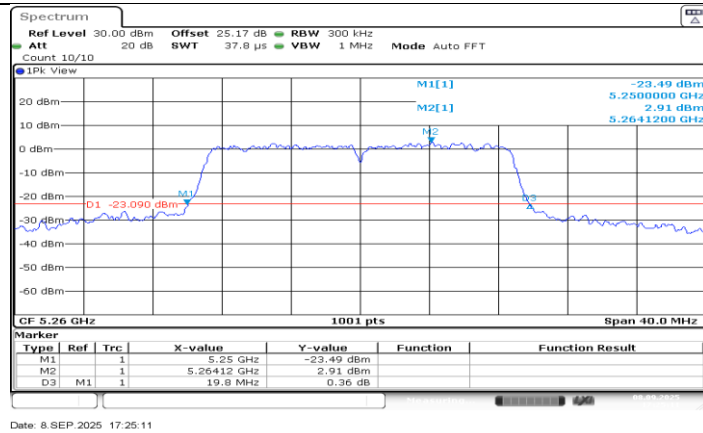
11N20MIMO\_Ant1\_5240



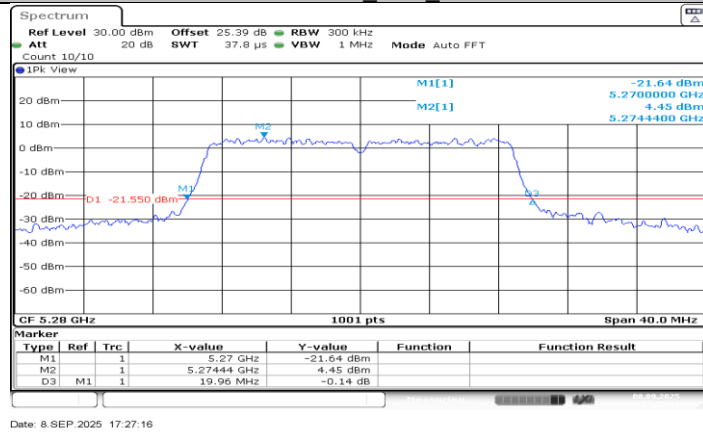
11N20MIMO\_Ant2\_5240



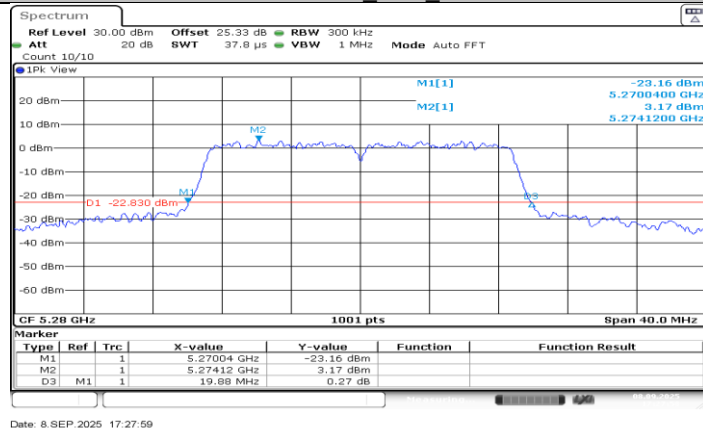
11N20MIMO\_Ant1\_5260



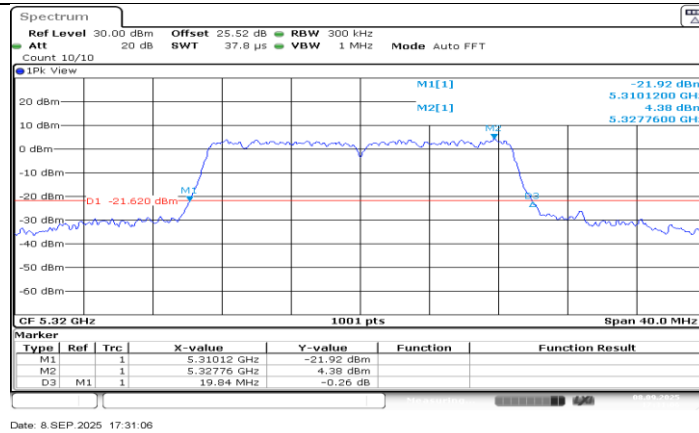
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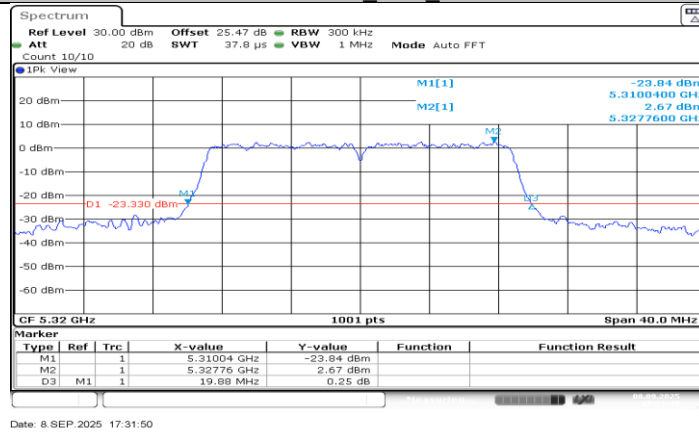
11N20MIMO\_Ant1\_5280



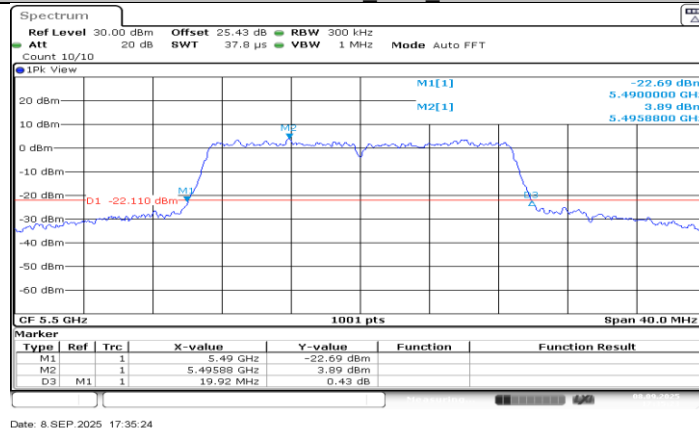
11N20MIMO\_Ant2\_5280



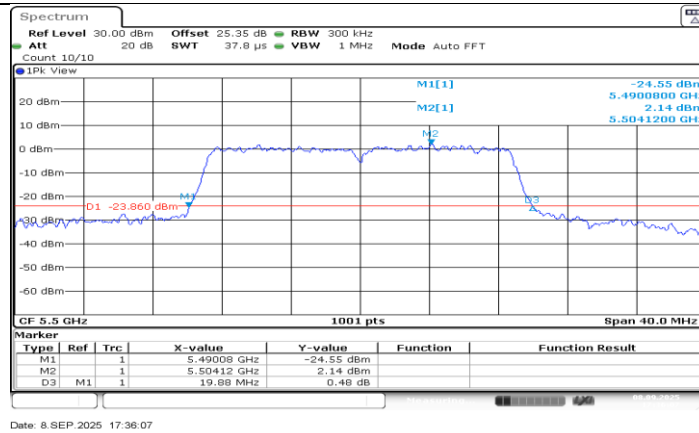
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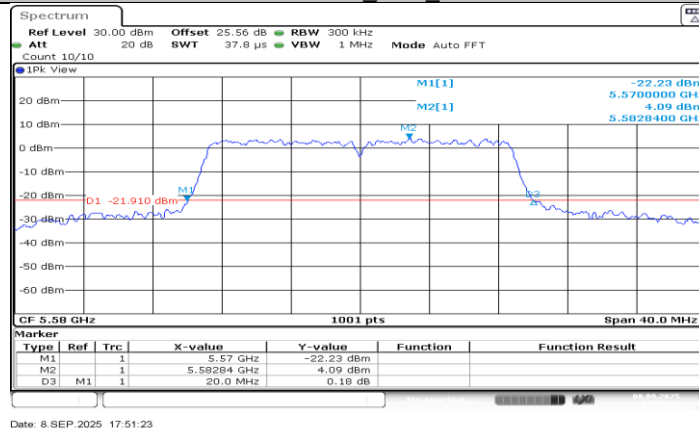
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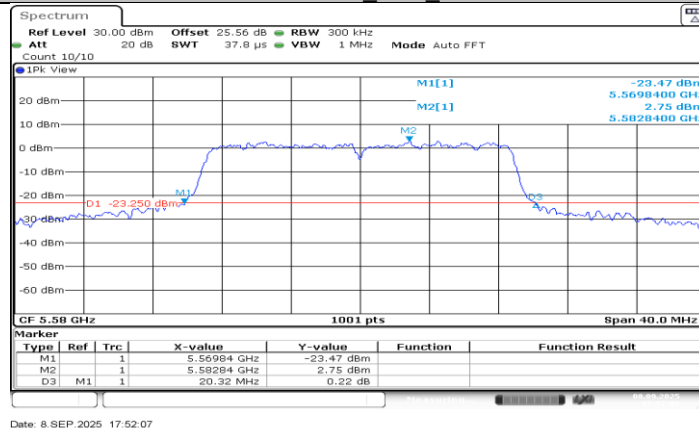
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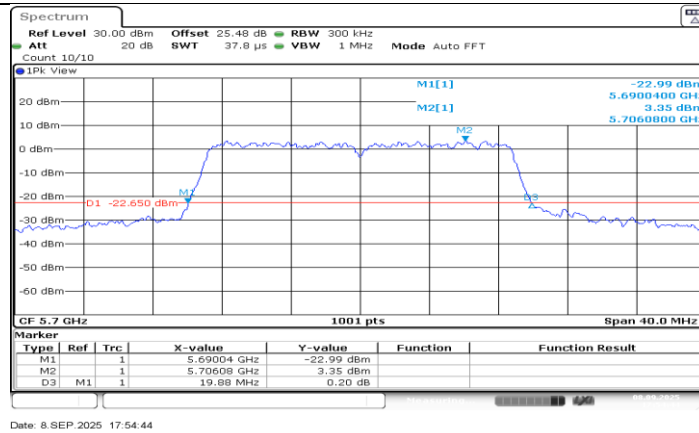
11N20MIMO\_Ant2\_5500



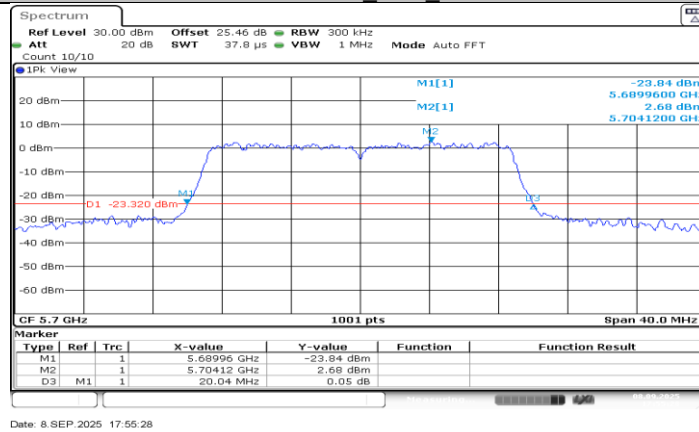
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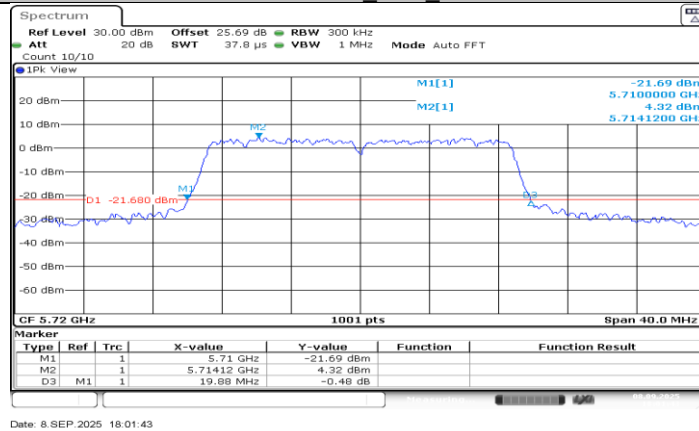
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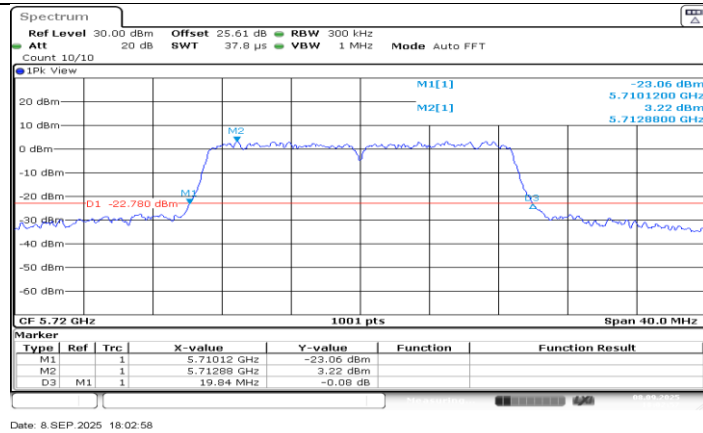
11N20MIMO\_Ant1\_5700



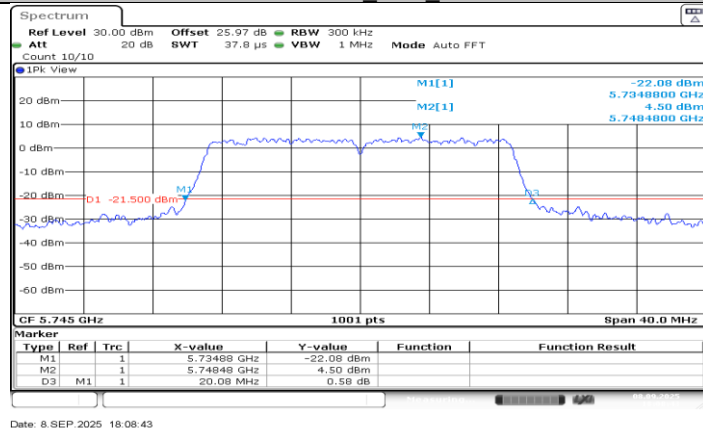
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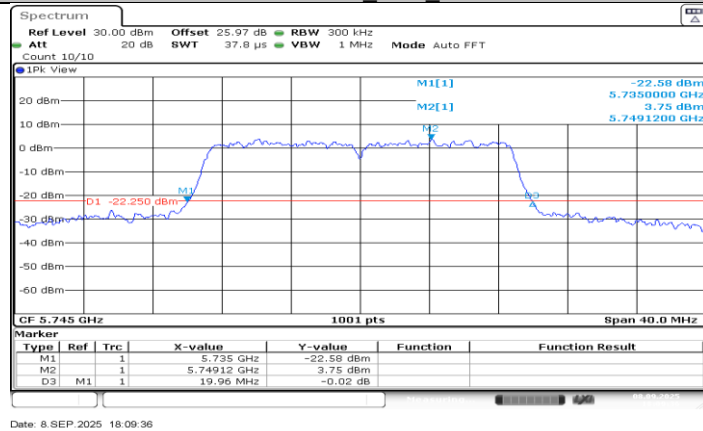
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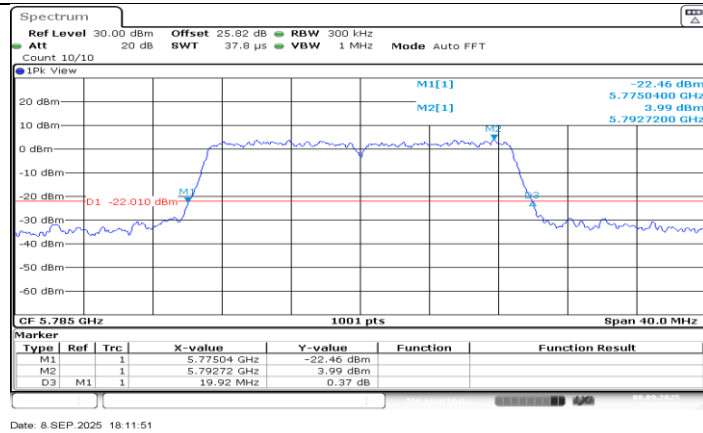
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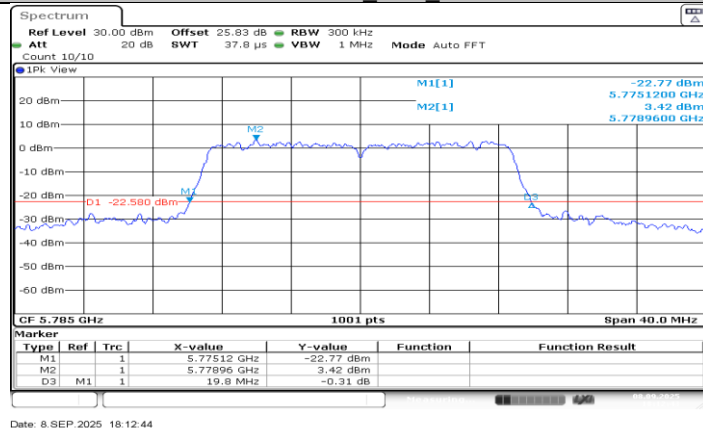
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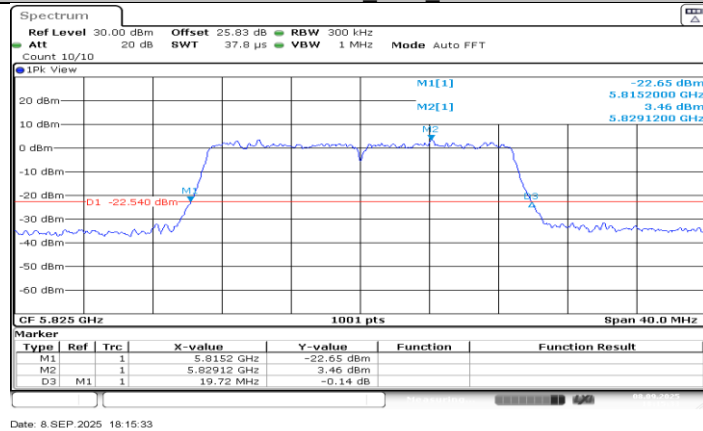
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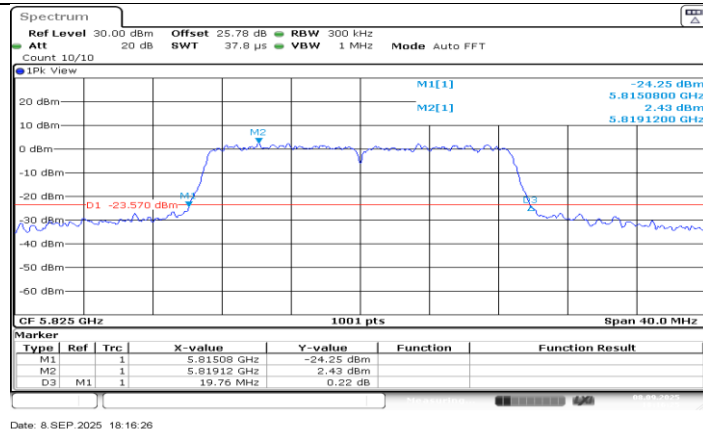
11N20MIMO\_Ant1\_5785



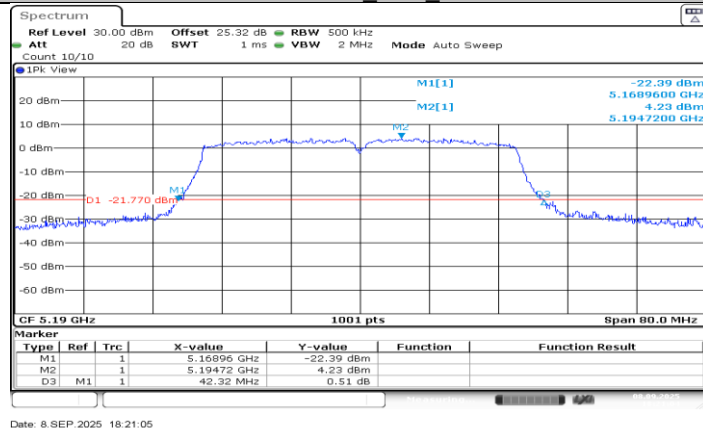
11N20MIMO\_Ant2\_5785



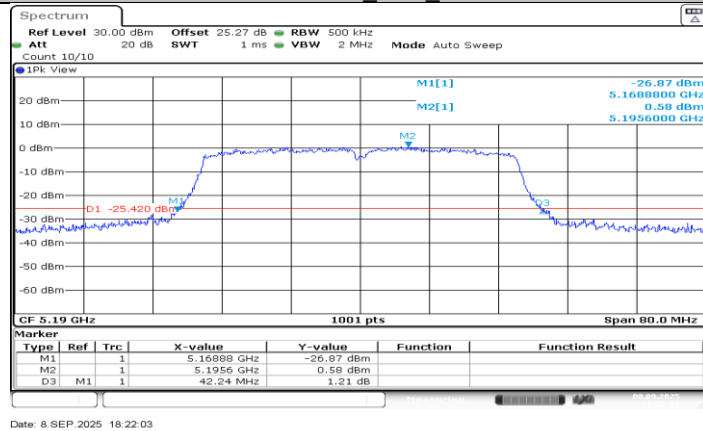
11N20MIMO\_Ant1\_5825



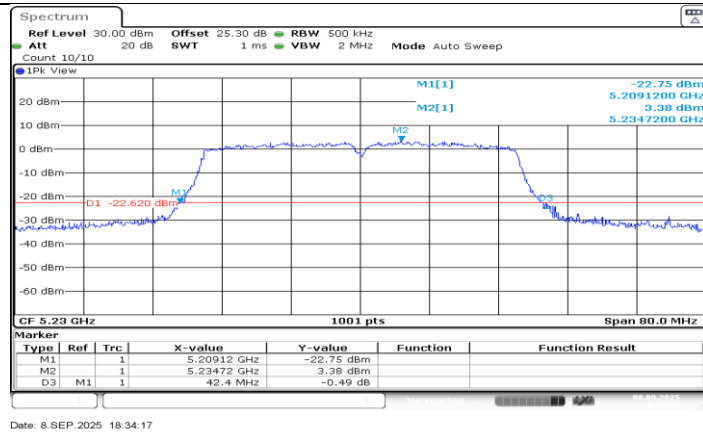
11N20MIMO\_Ant2\_5825



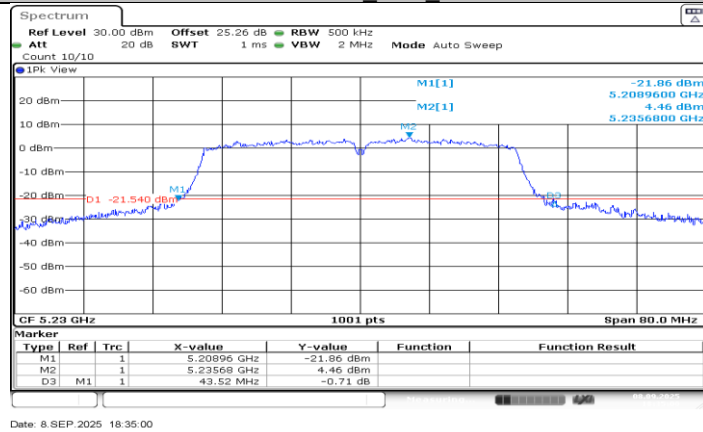
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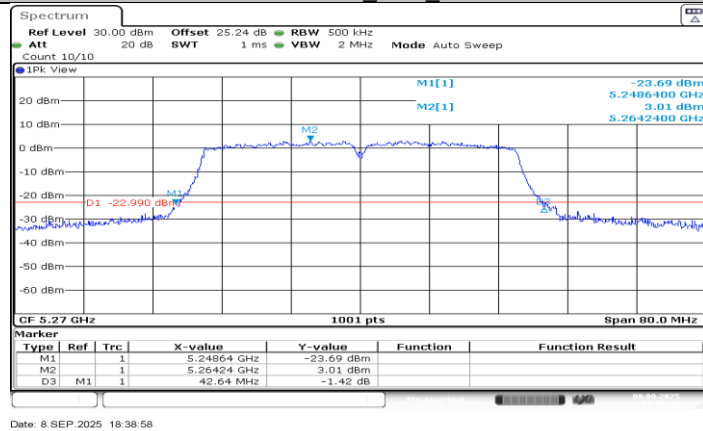
11N40MIMO\_Ant2\_5190



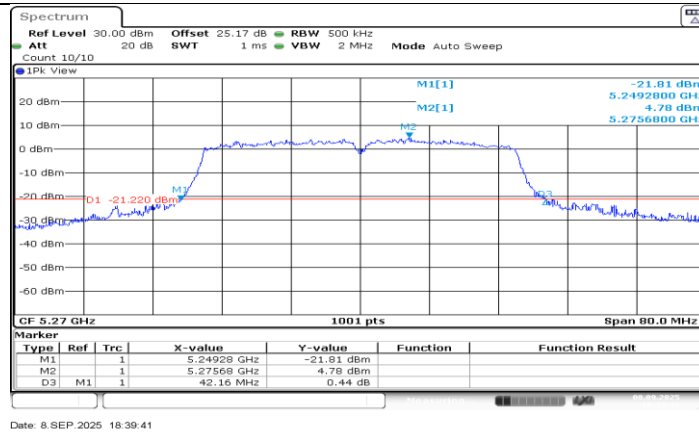
11N40MIMO\_Ant1\_5230



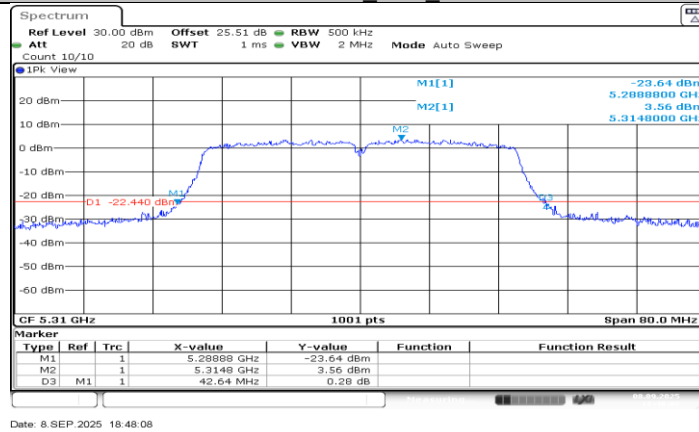
11N40MIMO\_Ant2\_5230



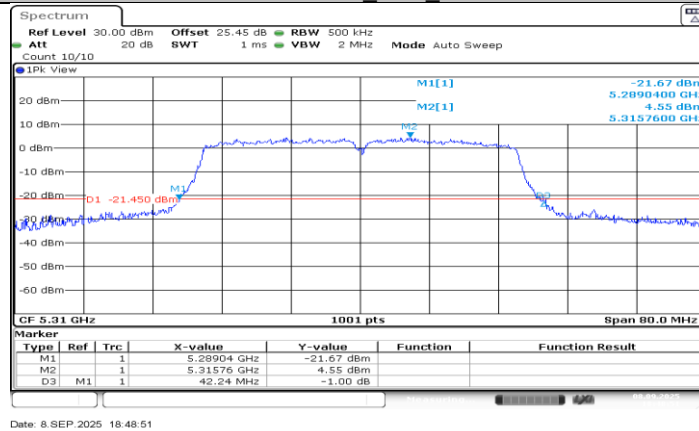
11N40MIMO\_Ant1\_5270



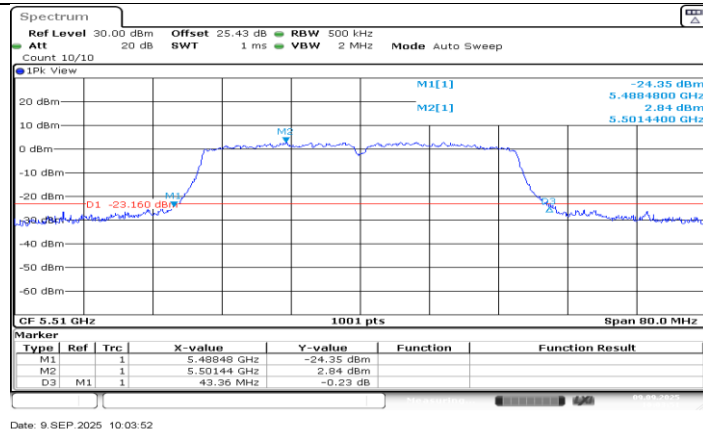
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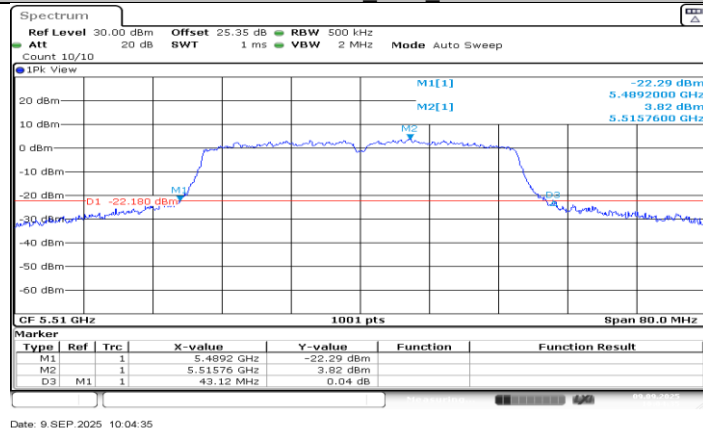
11N40MIMO\_Ant1\_5310



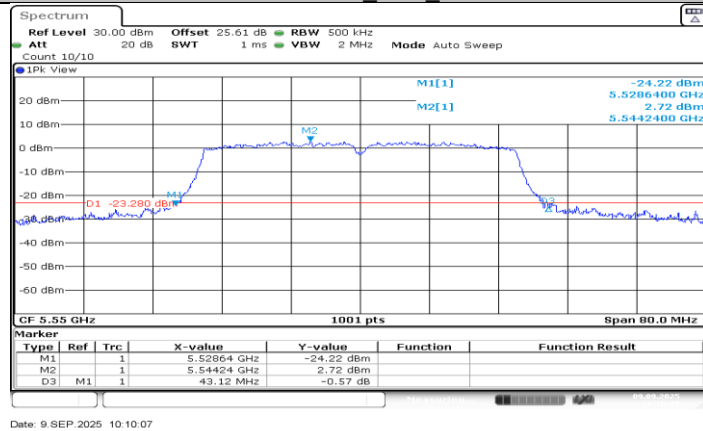
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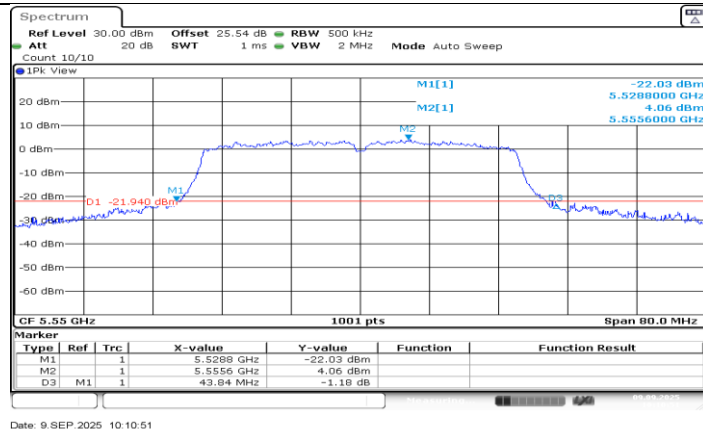
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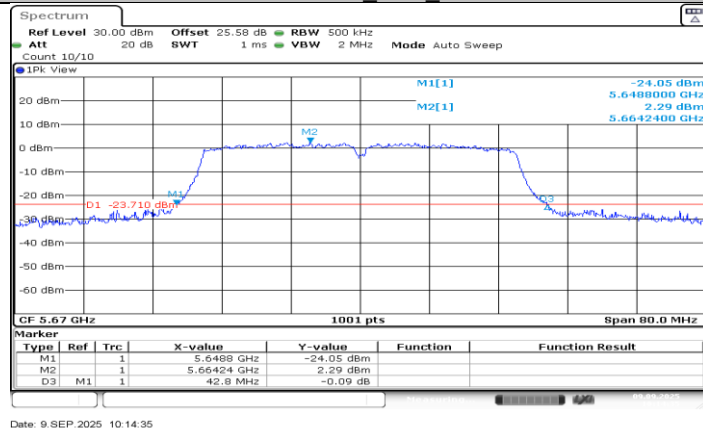
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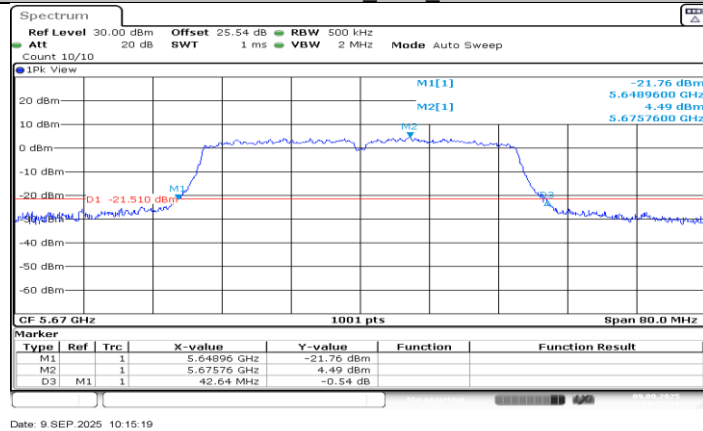
11N40MIMO\_Ant1\_5550



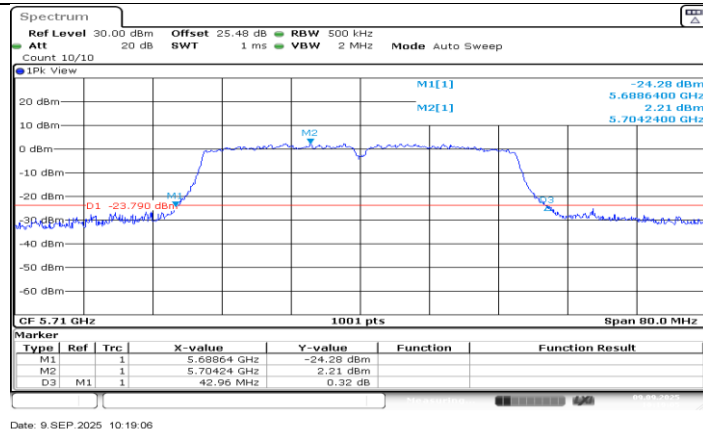
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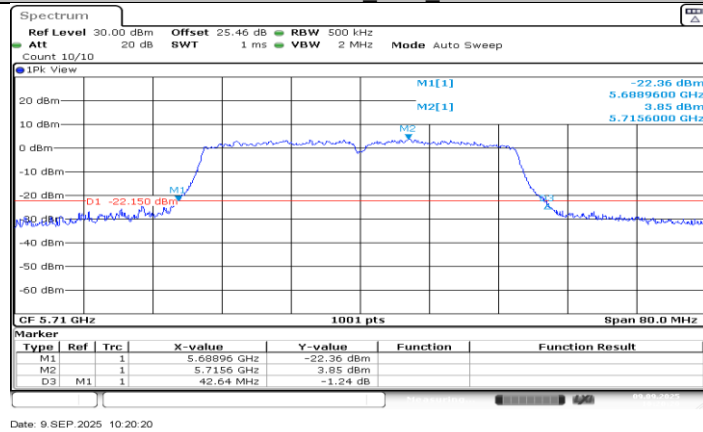
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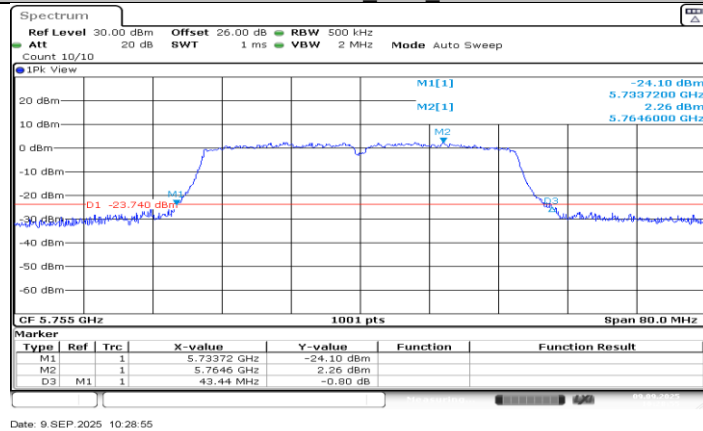
11N40MIMO\_Ant2\_5670



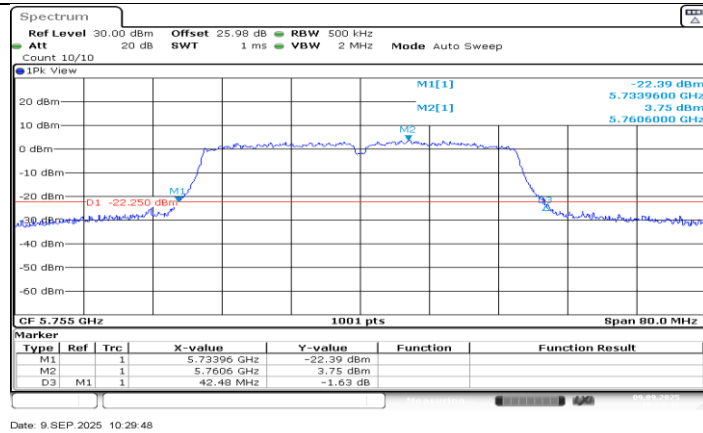
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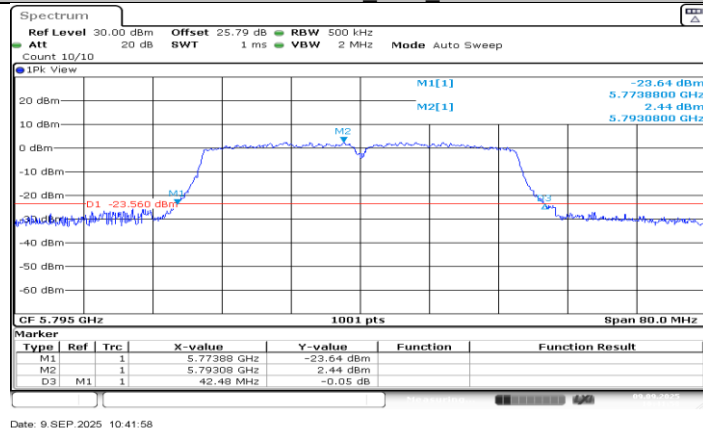
11N40MIMO\_Ant2\_5710



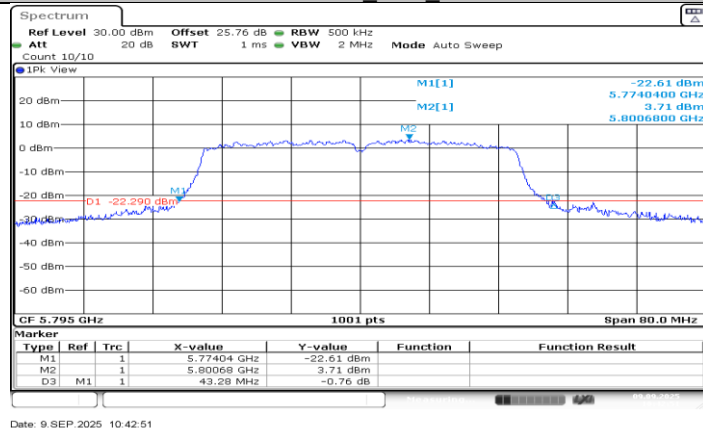
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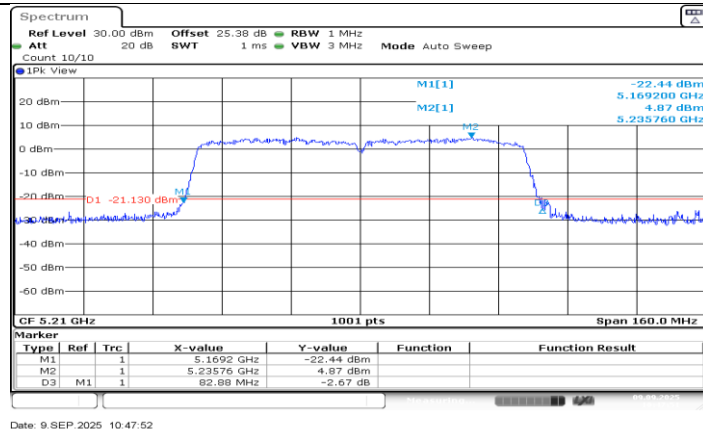
11N40MIMO\_Ant2\_5755



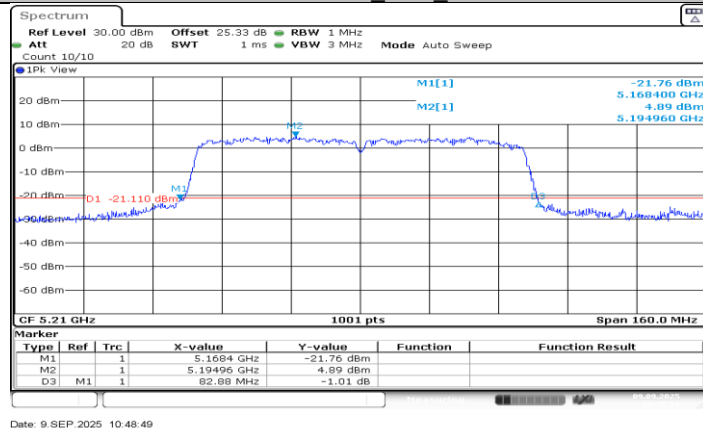
11N40MIMO\_Ant1\_5795



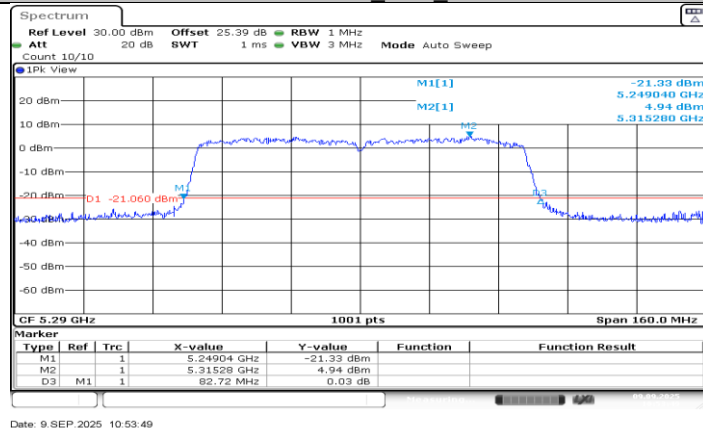
11N40MIMO\_Ant2\_5795



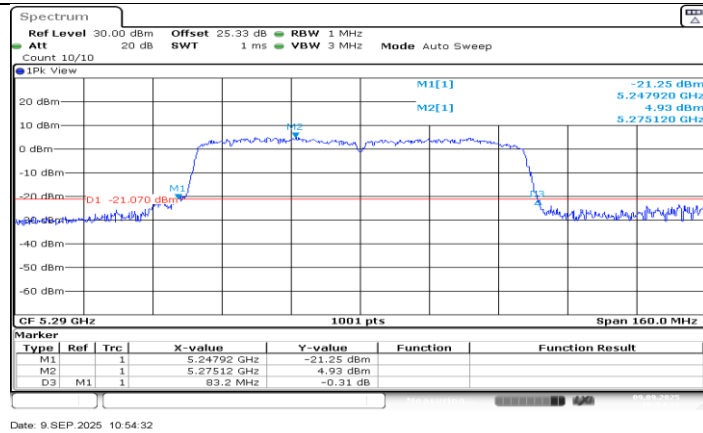
11AC80MIMO\_Ant1\_5210



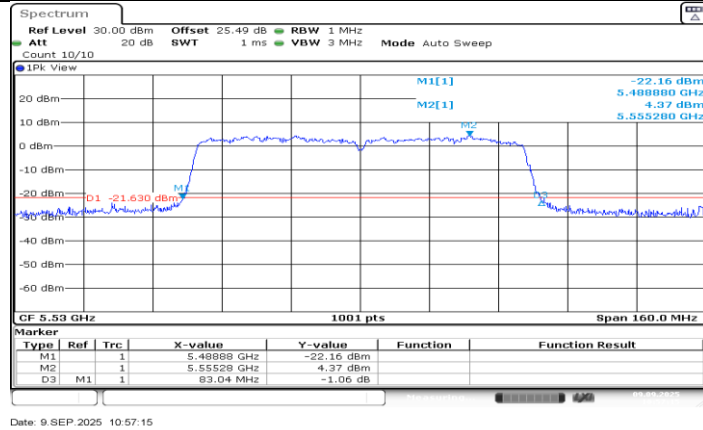
11AC80MIMO\_Ant2\_5210



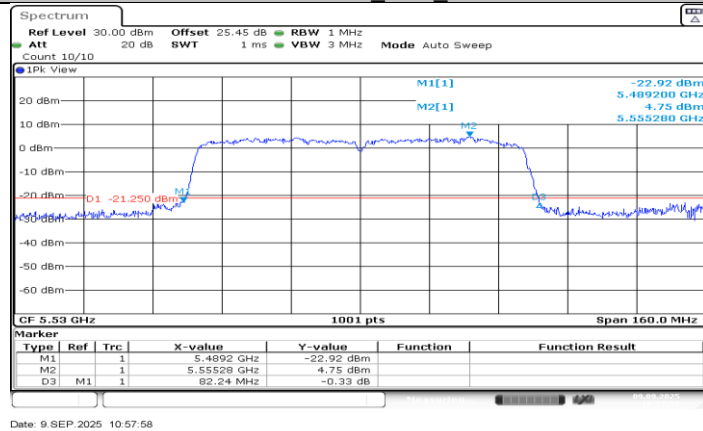
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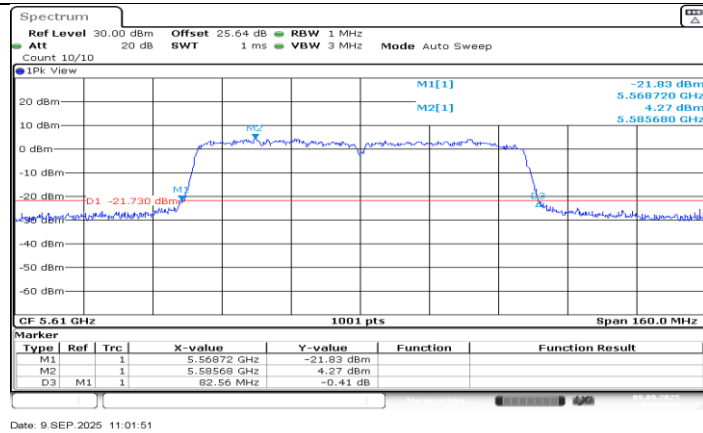
11AC80MIMO\_Ant2\_5290



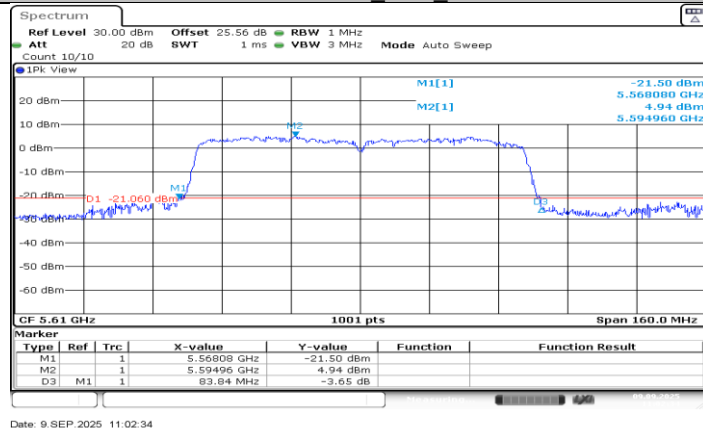
11AC80MIMO\_Ant1\_5530



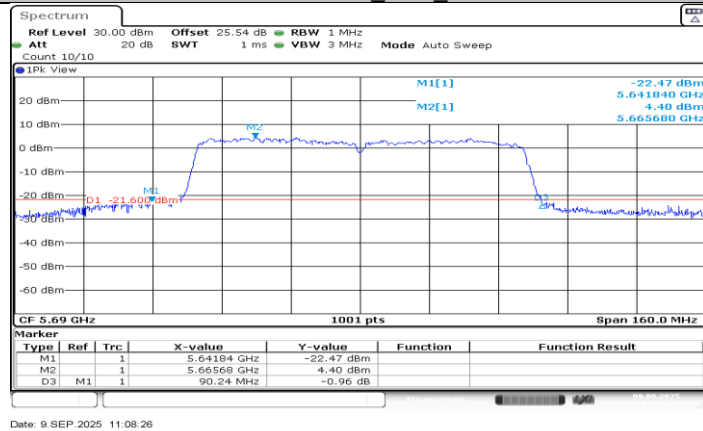
11AC80MIMO\_Ant2\_5530



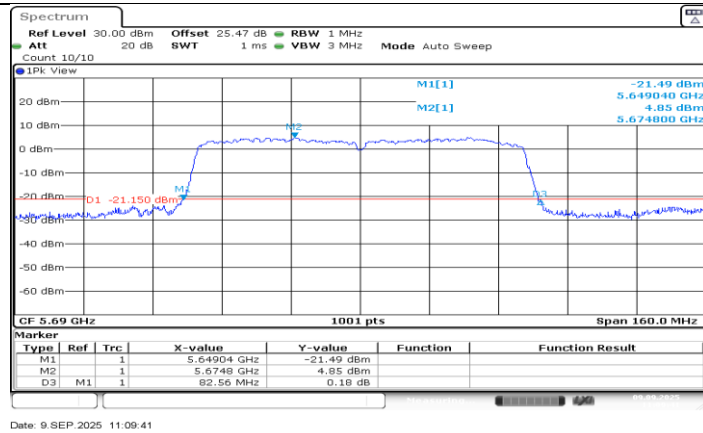
11AC80MIMO\_Ant1\_5610



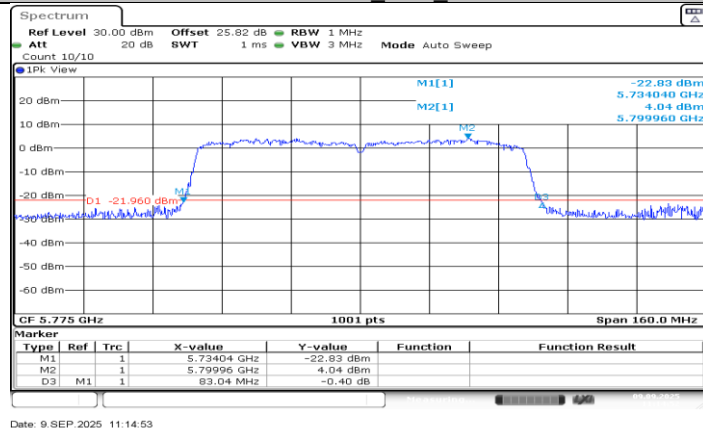
11AC80MIMO\_Ant2\_5610



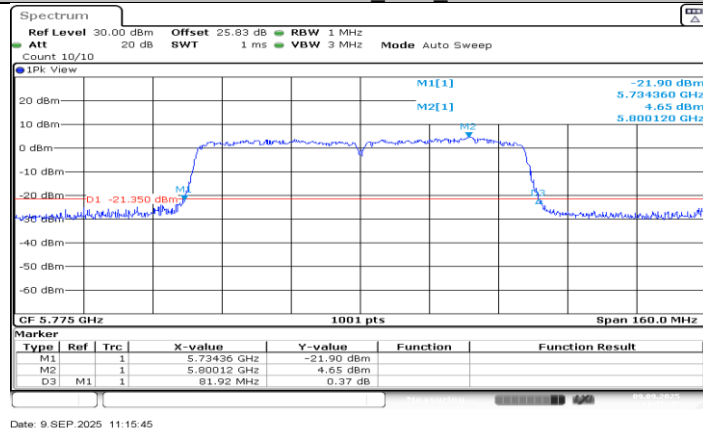
11AC80MIMO\_Ant1\_5690



11AC80MIMO\_Ant2\_5690



11AC80MIMO\_Ant1\_5775



11AC80MIMO\_Ant2\_5775

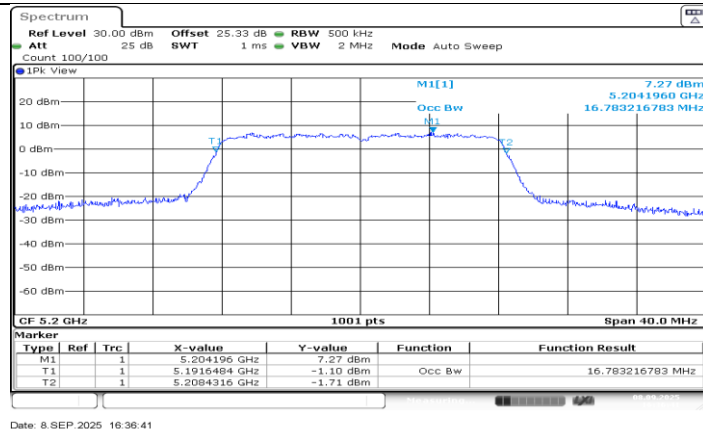
## 11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

### 11.2.1. Test Result

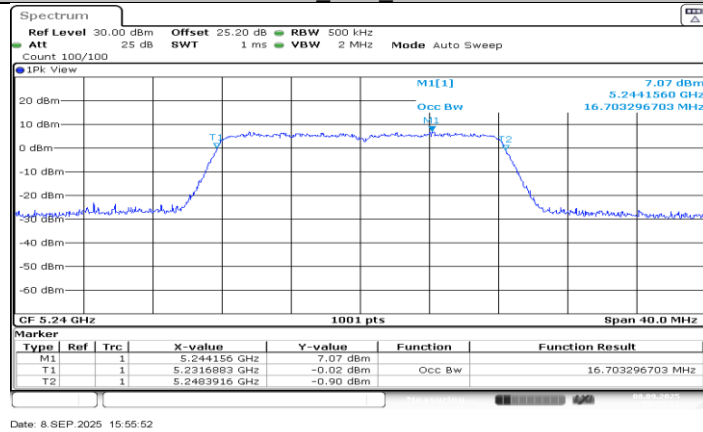
| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz]   | FH[MHz]   | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|---------|
| 11A       | Ant1    | 5180           | 16.743    | 5171.6484 | 5188.3916 | PASS    |
|           | Ant2    | 5180           | 16.743    | 5171.6484 | 5188.3916 | PASS    |
|           | Ant1    | 5200           | 16.703    | 5191.6883 | 5208.3916 | PASS    |
|           | Ant2    | 5200           | 16.783    | 5191.6484 | 5208.4316 | PASS    |
|           | Ant1    | 5240           | 16.703    | 5231.6883 | 5248.3916 | PASS    |
|           | Ant2    | 5240           | 16.823    | 5231.6084 | 5248.4316 | PASS    |
|           | Ant1    | 5260           | 16.703    | 5251.6883 | 5268.3916 | PASS    |
|           | Ant2    | 5260           | 16.823    | 5251.6084 | 5268.4316 | PASS    |
|           | Ant1    | 5280           | 16.743    | 5271.6883 | 5288.4316 | PASS    |
|           | Ant2    | 5280           | 16.783    | 5271.6484 | 5288.4316 | PASS    |
|           | Ant1    | 5320           | 16.703    | 5311.6883 | 5328.3916 | PASS    |
|           | Ant2    | 5320           | 16.743    | 5311.6484 | 5328.3916 | PASS    |
|           | Ant1    | 5500           | 16.743    | 5491.6484 | 5508.3916 | PASS    |
|           | Ant2    | 5500           | 16.743    | 5491.6484 | 5508.3916 | PASS    |
|           | Ant1    | 5580           | 16.783    | 5571.6484 | 5588.4316 | PASS    |
|           | Ant2    | 5580           | 16.823    | 5571.6084 | 5588.4316 | PASS    |
|           | Ant1    | 5700           | 16.823    | 5691.6084 | 5708.4316 | PASS    |
|           | Ant2    | 5700           | 16.783    | 5691.6484 | 5708.4316 | PASS    |
|           | Ant1    | 5720           | 16.823    | 5711.6084 | 5728.4316 | PASS    |
|           | Ant2    | 5720           | 16.783    | 5711.6484 | 5728.4316 | PASS    |
|           | Ant1    | 5720 UNII-2C   | 13.392    | 5711.6084 | 5725      | PASS    |
|           | Ant2    | 5720 UNII-2C   | 13.352    | 5711.6484 | 5725      | PASS    |
|           | Ant1    | 5720 UNII-3    | 3.432     | 5725      | 5728.4316 | PASS    |
|           | Ant2    | 5720 UNII-3    | 3.432     | 5725      | 5728.4316 | PASS    |
|           | Ant1    | 5745           | 16.783    | 5736.6484 | 5753.4316 | PASS    |
|           | Ant2    | 5745           | 16.783    | 5736.6484 | 5753.4316 | PASS    |
|           | Ant1    | 5785           | 16.743    | 5776.6484 | 5793.3916 | PASS    |
|           | Ant2    | 5785           | 16.783    | 5776.6484 | 5793.4316 | PASS    |
|           | Ant1    | 5825           | 16.823    | 5816.6084 | 5833.4316 | PASS    |
|           | Ant2    | 5825           | 16.783    | 5816.6484 | 5833.4316 | PASS    |
| 11N20MIMO | Ant1    | 5180           | 17.782    | 5171.1289 | 5188.9111 | PASS    |
|           | Ant2    | 5180           | 17.822    | 5171.0889 | 5188.9111 | PASS    |
|           | Ant1    | 5200           | 17.822    | 5191.0889 | 5208.9111 | PASS    |
|           | Ant2    | 5200           | 17.822    | 5191.0889 | 5208.9111 | PASS    |
|           | Ant1    | 5240           | 17.822    | 5231.0889 | 5248.9111 | PASS    |
|           | Ant2    | 5240           | 17.782    | 5231.1289 | 5248.9111 | PASS    |
|           | Ant1    | 5260           | 17.862    | 5251.0889 | 5268.9510 | PASS    |
|           | Ant2    | 5260           | 17.822    | 5251.0889 | 5268.9111 | PASS    |
|           | Ant1    | 5280           | 17.822    | 5271.1289 | 5288.9510 | PASS    |
|           | Ant2    | 5280           | 17.822    | 5271.0889 | 5288.9111 | PASS    |
|           | Ant1    | 5320           | 17.822    | 5311.1289 | 5328.9510 | PASS    |
|           | Ant2    | 5320           | 17.822    | 5311.0889 | 5328.9111 | PASS    |
|           | Ant1    | 5500           | 17.862    | 5491.0889 | 5508.9510 | PASS    |
|           | Ant2    | 5500           | 17.862    | 5491.0889 | 5508.9510 | PASS    |
|           | Ant1    | 5580           | 17.902    | 5571.0490 | 5588.9510 | PASS    |
|           | Ant2    | 5580           | 17.862    | 5571.0889 | 5588.9510 | PASS    |
|           | Ant1    | 5700           | 17.822    | 5691.0889 | 5708.9111 | PASS    |
|           | Ant2    | 5700           | 17.822    | 5691.0889 | 5708.9111 | PASS    |
|           | Ant1    | 5720           | 17.822    | 5711.0889 | 5728.9111 | PASS    |
|           | Ant2    | 5720           | 17.862    | 5711.0889 | 5728.9510 | PASS    |
|           | Ant1    | 5720 UNII-2C   | 13.911    | 5711.0889 | 5725      | PASS    |
|           | Ant2    | 5720 UNII-2C   | 13.911    | 5711.0889 | 5725      | PASS    |
|           | Ant1    | 5720 UNII-3    | 3.911     | 5725      | 5728.9111 | PASS    |

|            |      |              |        |           |           |      |
|------------|------|--------------|--------|-----------|-----------|------|
|            | Ant2 | 5720 UNII-3  | 3.951  | 5725      | 5728.9510 | PASS |
|            | Ant1 | 5745         | 17.862 | 5736.0490 | 5753.9111 | PASS |
|            | Ant2 | 5745         | 17.822 | 5736.0889 | 5753.9111 | PASS |
|            | Ant1 | 5785         | 17.822 | 5776.0889 | 5793.9111 | PASS |
|            | Ant2 | 5785         | 17.822 | 5776.1289 | 5793.9510 | PASS |
|            | Ant1 | 5825         | 17.822 | 5816.0889 | 5833.9111 | PASS |
|            | Ant2 | 5825         | 17.822 | 5816.0889 | 5833.9111 | PASS |
| 11N40MIMO  | Ant1 | 5190         | 36.523 | 5171.6983 | 5208.2218 | PASS |
|            | Ant2 | 5190         | 36.364 | 5171.7782 | 5208.1419 | PASS |
|            | Ant1 | 5230         | 36.364 | 5211.8581 | 5248.2218 | PASS |
|            | Ant2 | 5230         | 36.603 | 5211.6983 | 5248.3017 | PASS |
|            | Ant1 | 5270         | 36.523 | 5251.6983 | 5288.2218 | PASS |
|            | Ant2 | 5270         | 36.444 | 5251.7782 | 5288.2218 | PASS |
|            | Ant1 | 5310         | 36.444 | 5291.6983 | 5328.1419 | PASS |
|            | Ant2 | 5310         | 36.444 | 5291.6983 | 5328.1419 | PASS |
|            | Ant1 | 5510         | 36.683 | 5491.5385 | 5528.2218 | PASS |
|            | Ant2 | 5510         | 36.603 | 5491.6184 | 5528.2218 | PASS |
|            | Ant1 | 5550         | 36.683 | 5531.5385 | 5568.2218 | PASS |
|            | Ant2 | 5550         | 36.523 | 5531.6983 | 5568.2218 | PASS |
|            | Ant1 | 5670         | 36.683 | 5651.5385 | 5688.2218 | PASS |
|            | Ant2 | 5670         | 36.603 | 5651.5385 | 5688.1419 | PASS |
|            | Ant1 | 5710         | 36.683 | 5691.5385 | 5728.2218 | PASS |
|            | Ant2 | 5710         | 36.603 | 5691.6184 | 5728.2218 | PASS |
|            | Ant1 | 5710 UNII-2C | 33.462 | 5691.5385 | 5725      | PASS |
|            | Ant2 | 5710 UNII-2C | 33.382 | 5691.6184 | 5725      | PASS |
|            | Ant1 | 5710 UNII-3  | 3.222  | 5725      | 5728.2218 | PASS |
|            | Ant2 | 5710 UNII-3  | 3.222  | 5725      | 5728.2218 | PASS |
|            | Ant1 | 5755         | 36.683 | 5736.5385 | 5773.2218 | PASS |
|            | Ant2 | 5755         | 36.683 | 5736.5385 | 5773.2218 | PASS |
|            | Ant1 | 5795         | 36.683 | 5776.5385 | 5813.2218 | PASS |
|            | Ant2 | 5795         | 36.523 | 5776.6983 | 5813.2218 | PASS |
| 11AC80MIMO | Ant1 | 5210         | 75.604 | 5172.2777 | 5247.8821 | PASS |
|            | Ant2 | 5210         | 75.445 | 5172.2777 | 5247.7223 | PASS |
|            | Ant1 | 5290         | 75.764 | 5252.1179 | 5327.8821 | PASS |
|            | Ant2 | 5290         | 75.445 | 5252.2777 | 5327.7223 | PASS |
|            | Ant1 | 5530         | 75.924 | 5492.1179 | 5568.0420 | PASS |
|            | Ant2 | 5530         | 75.604 | 5492.2777 | 5567.8821 | PASS |
|            | Ant1 | 5610         | 75.924 | 5571.9580 | 5647.8821 | PASS |
|            | Ant2 | 5610         | 75.764 | 5572.1179 | 5647.8821 | PASS |
|            | Ant1 | 5690         | 76.244 | 5651.7982 | 5728.0420 | PASS |
|            | Ant2 | 5690         | 75.604 | 5652.1179 | 5727.7223 | PASS |
|            | Ant1 | 5690 UNII-2C | 73.202 | 5651.7982 | 5725      | PASS |
|            | Ant2 | 5690 UNII-2C | 72.882 | 5652.1179 | 5725      | PASS |
|            | Ant1 | 5690 UNII-3  | 3.042  | 5725      | 5728.0420 | PASS |
|            | Ant2 | 5690 UNII-3  | 2.722  | 5725      | 5727.7223 | PASS |
|            | Ant1 | 5775         | 75.764 | 5737.1179 | 5812.8821 | PASS |
|            | Ant2 | 5775         | 75.764 | 5737.2777 | 5813.0420 | PASS |

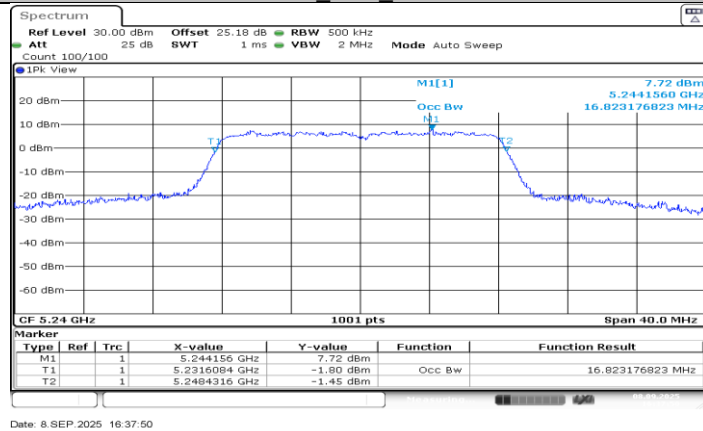




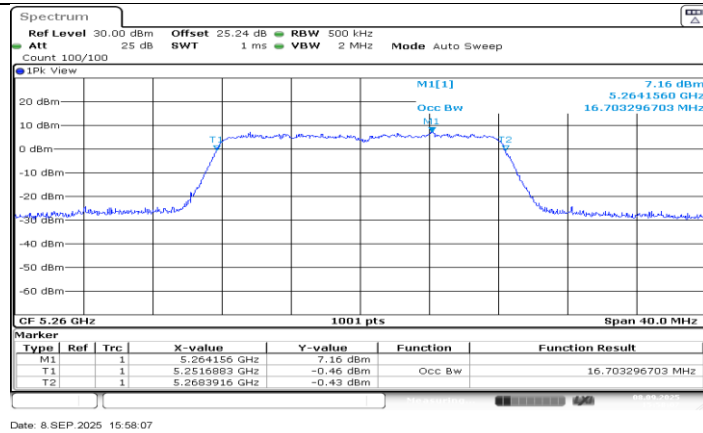
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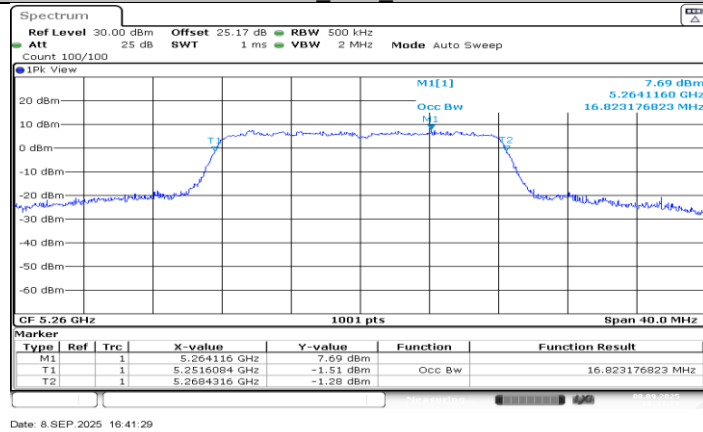
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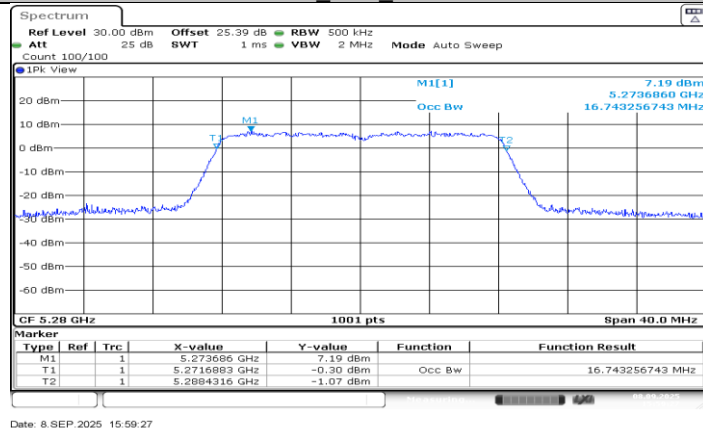
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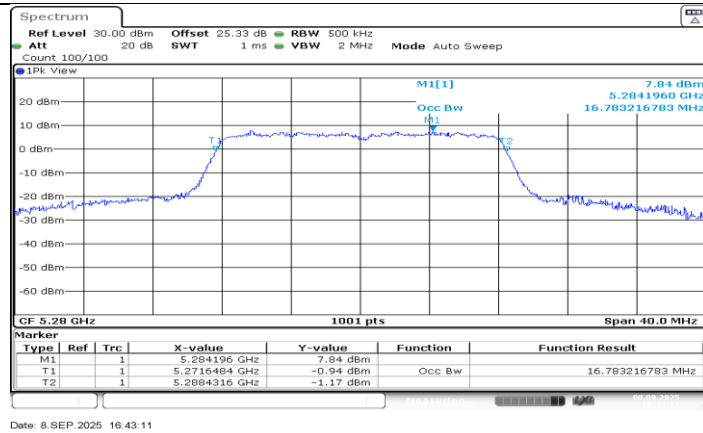
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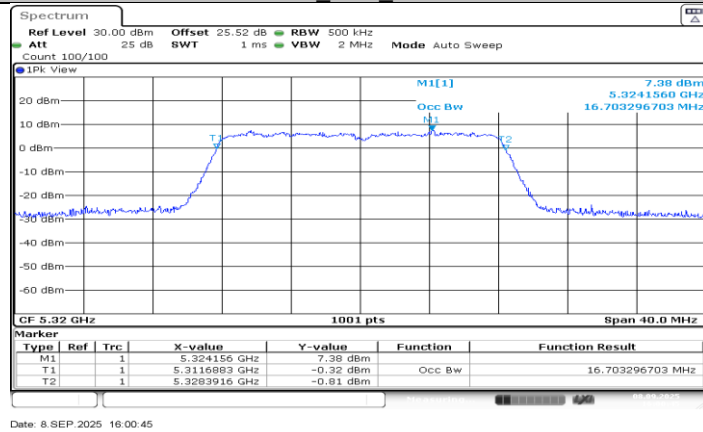
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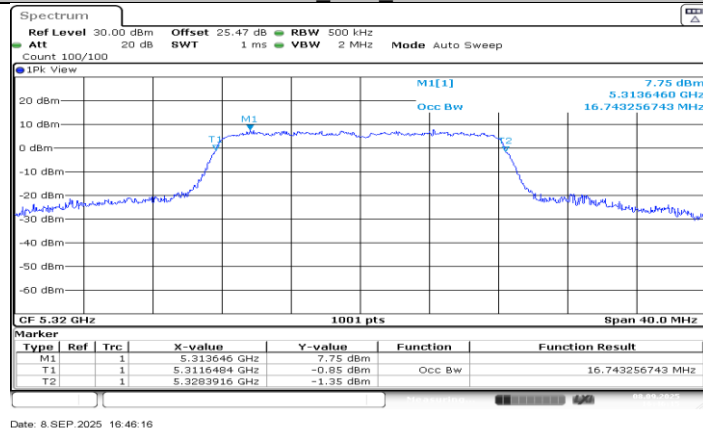
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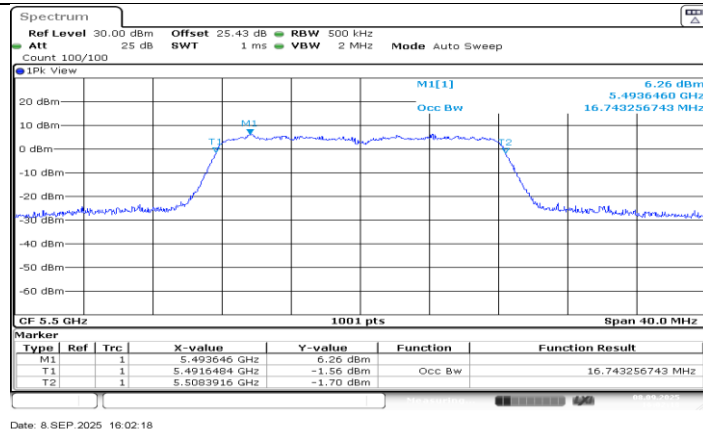
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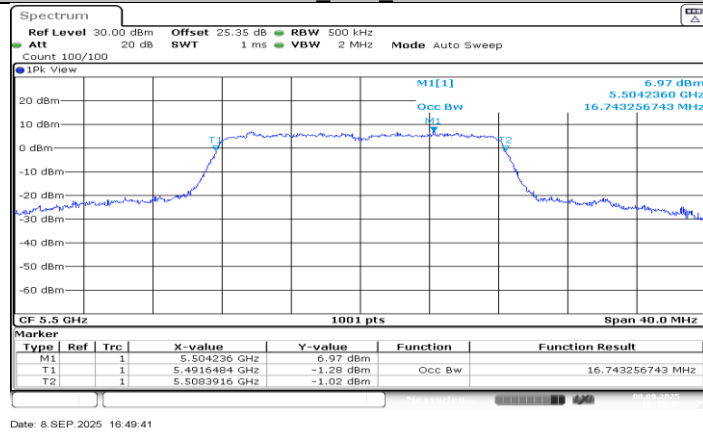
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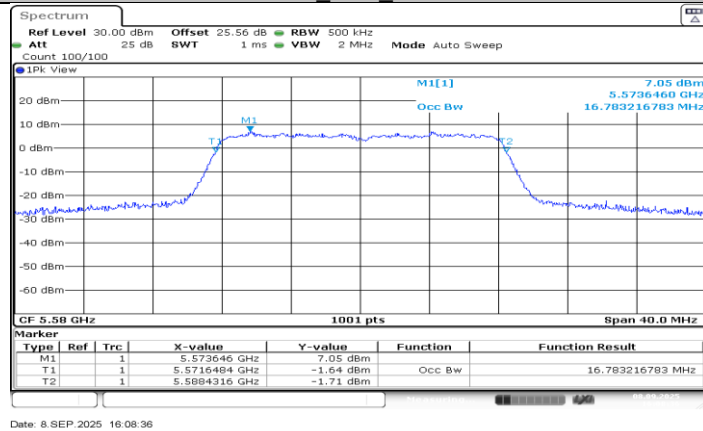
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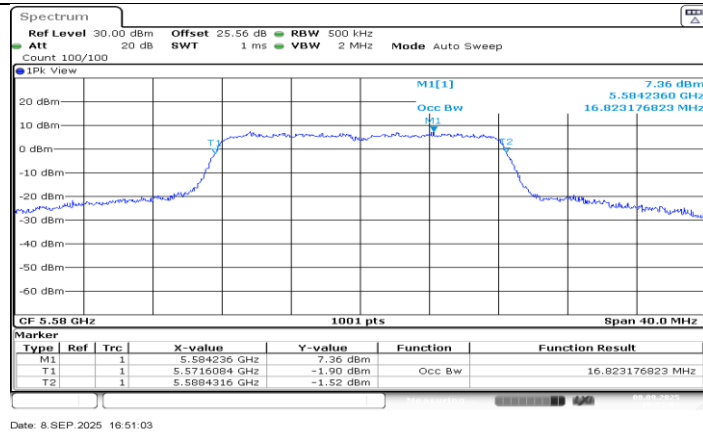
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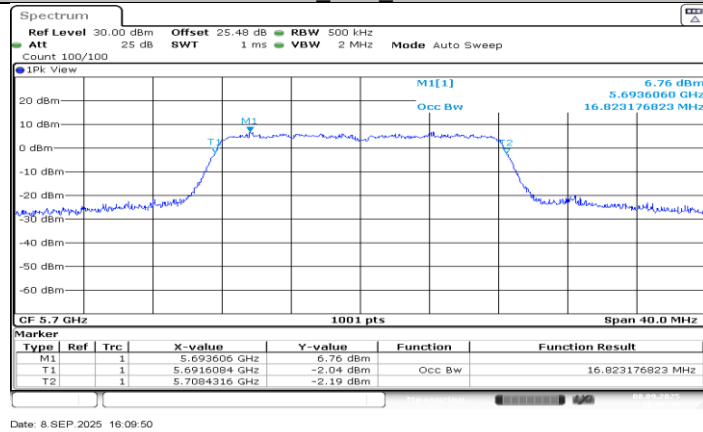
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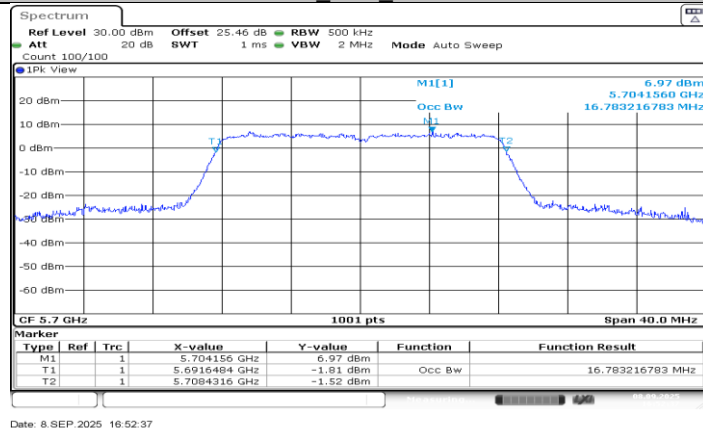
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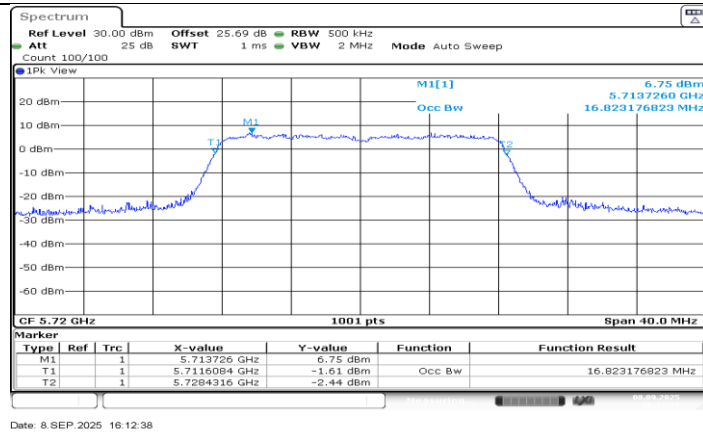
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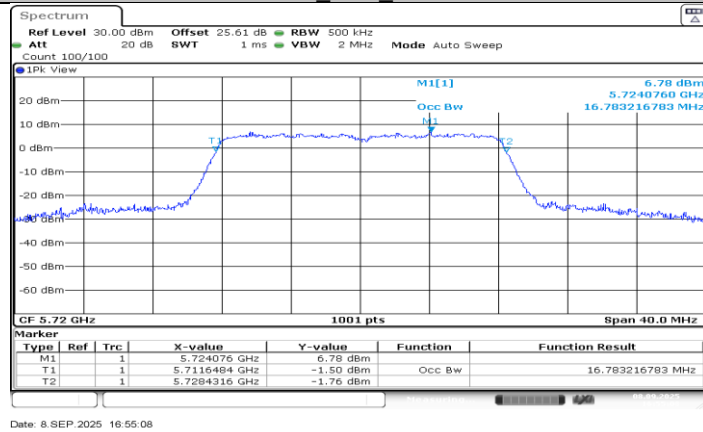
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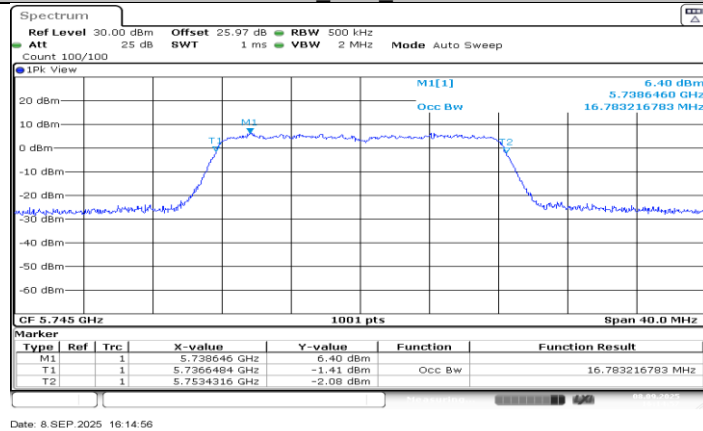
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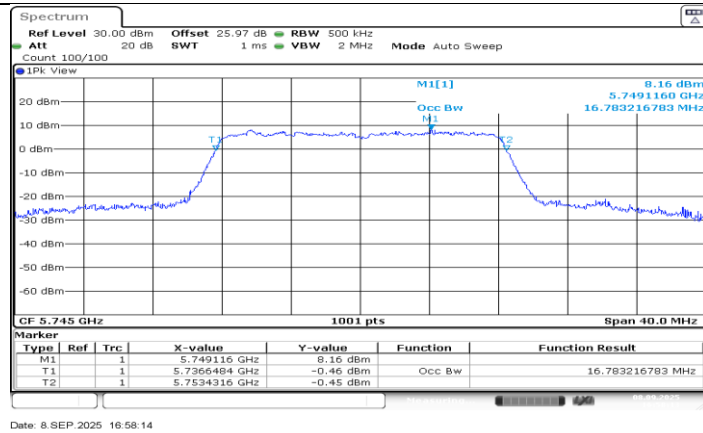
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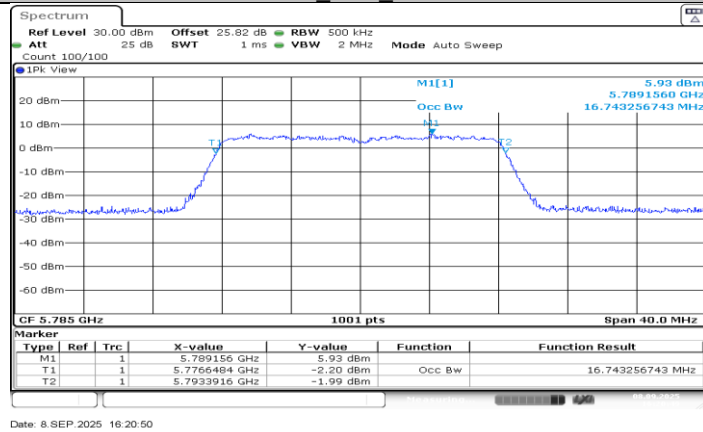
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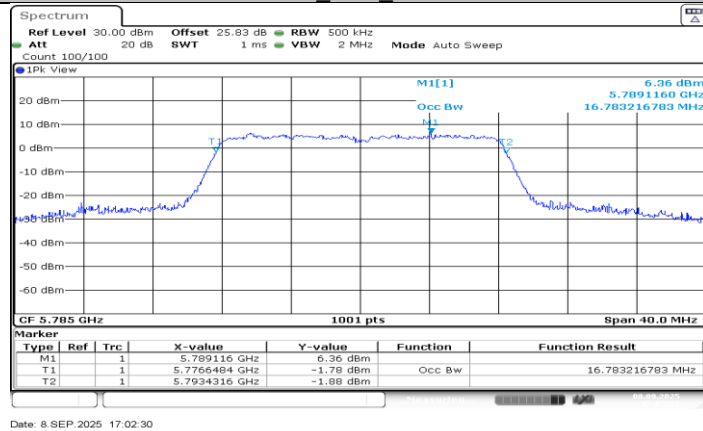
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11A\_Ant2\_5745



11A\_Ant1\_5785



11A\_Ant2\_5785