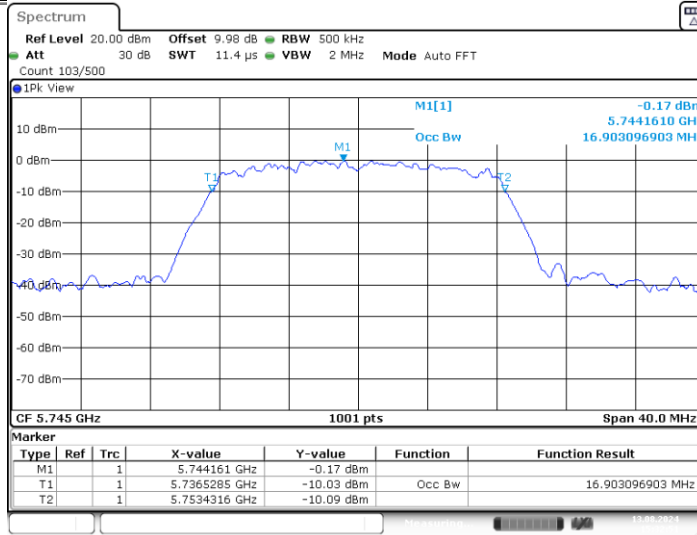
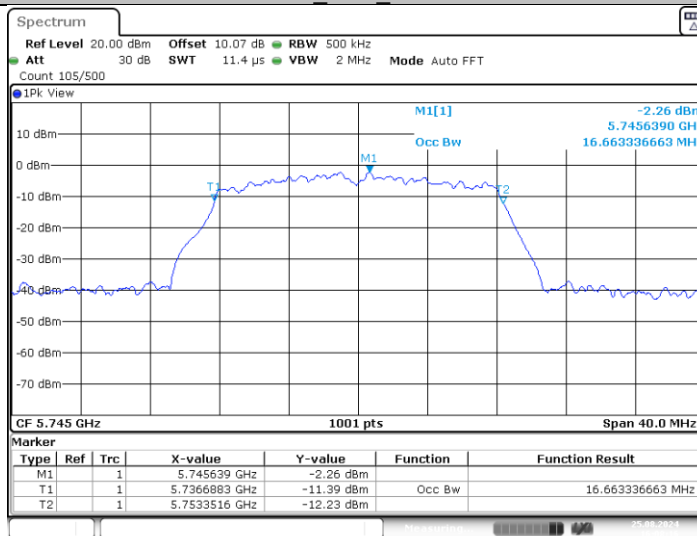
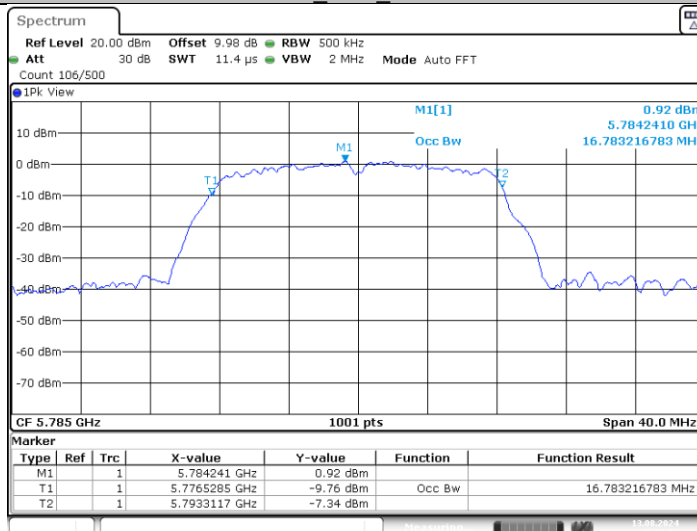




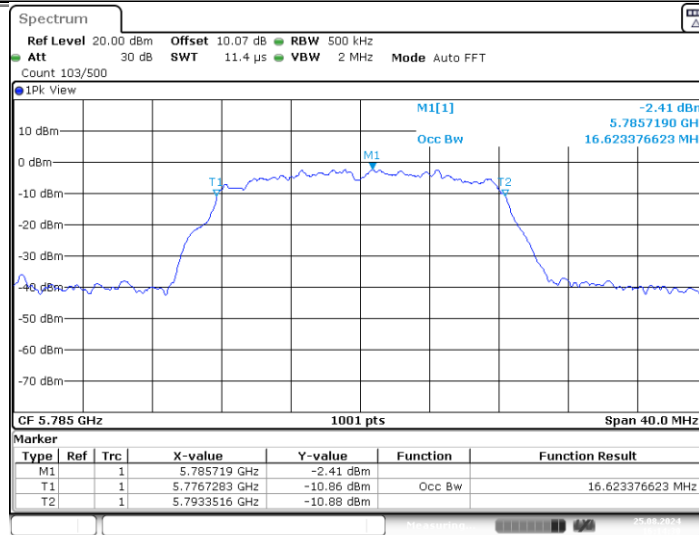
11A\_Ant2\_5745



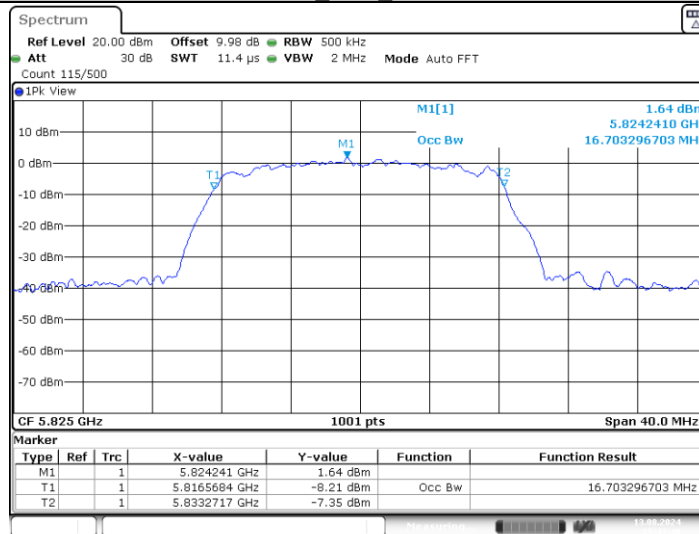
11A\_Ant1\_5785



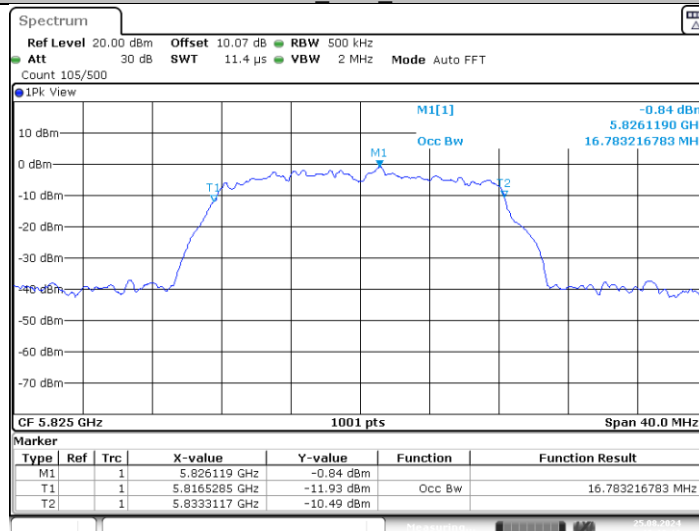
11A\_Ant2\_5785



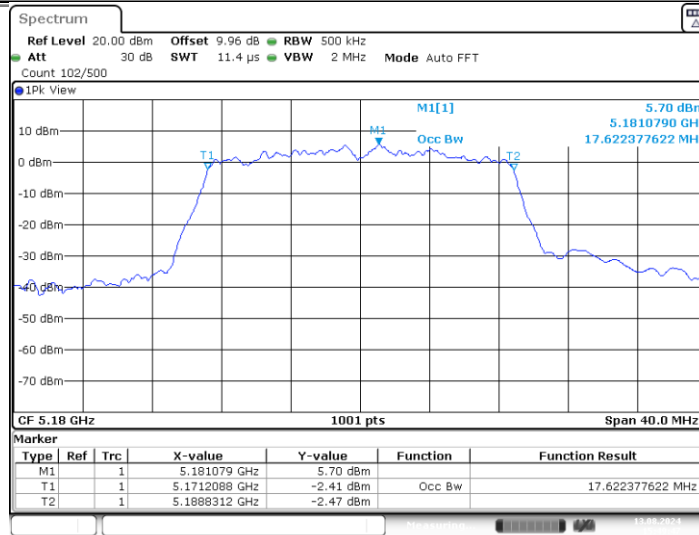
11A Ant1 5825



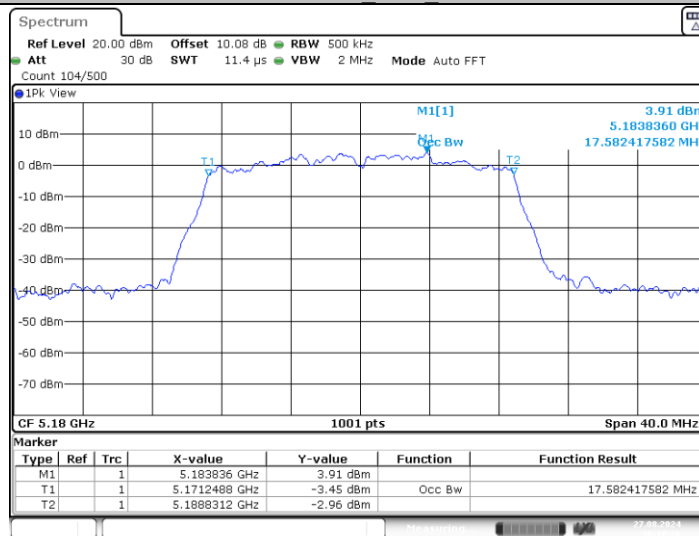
11A Ant2 5825



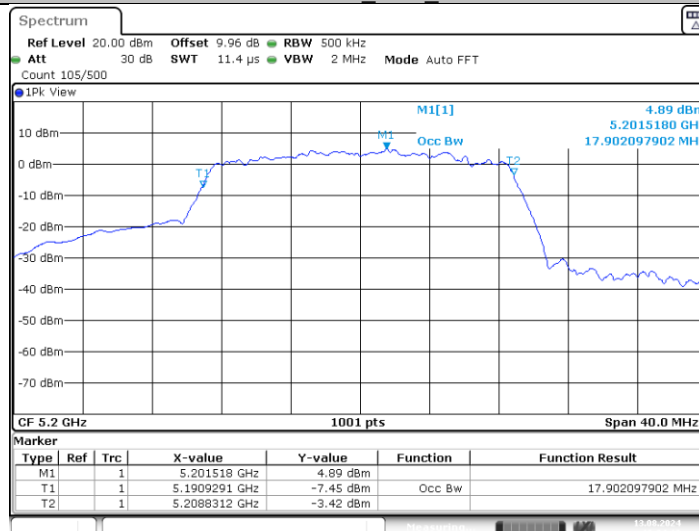
11N20MIMO Ant1 5180



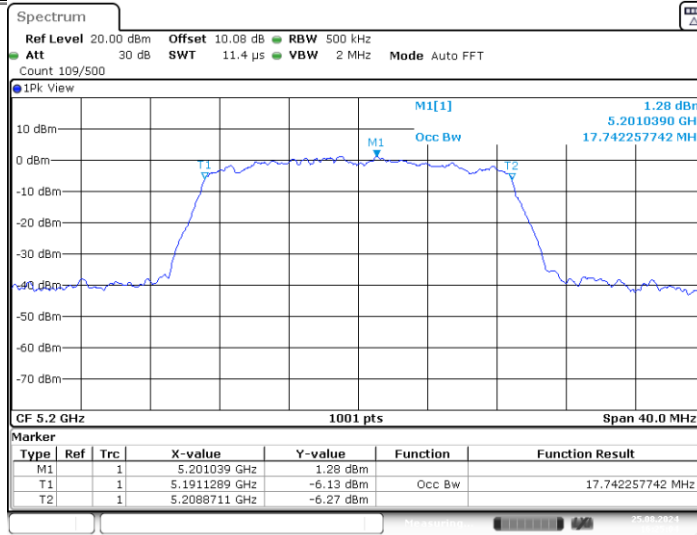
11N20MIMO\_Ant2\_5180



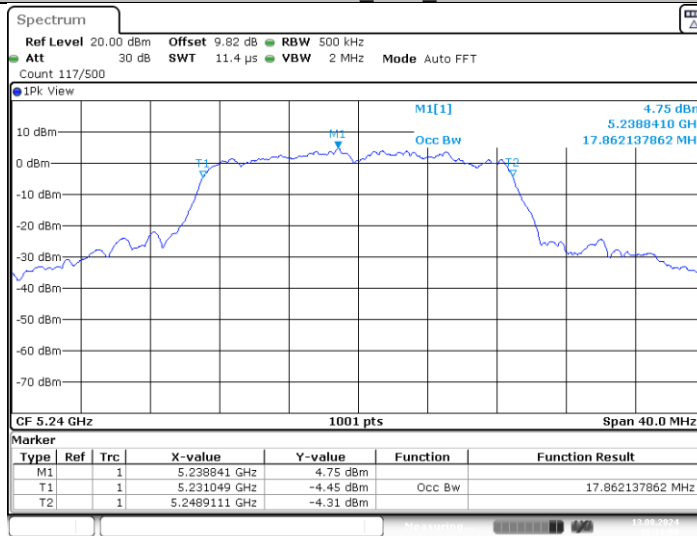
11N20MIMO\_Ant1\_5200



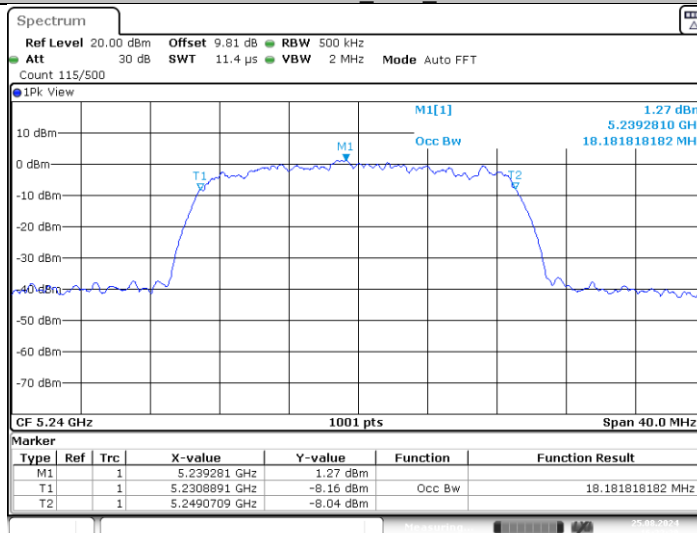
11N20MIMO\_Ant2\_5200



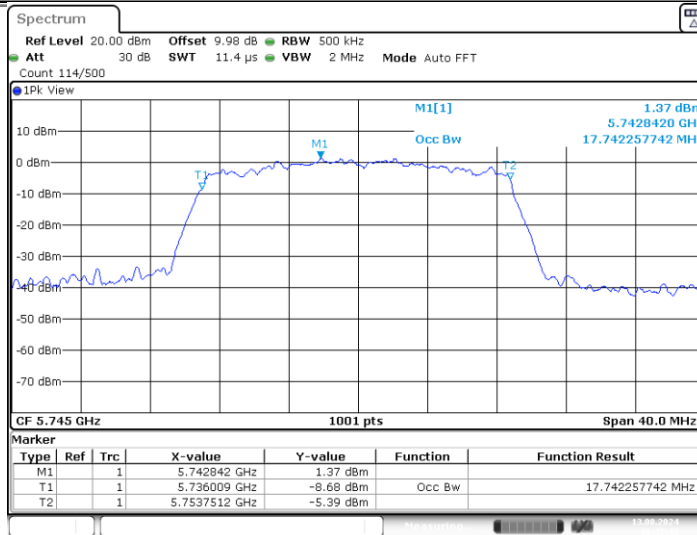
11N20MIMO\_Ant1\_5240



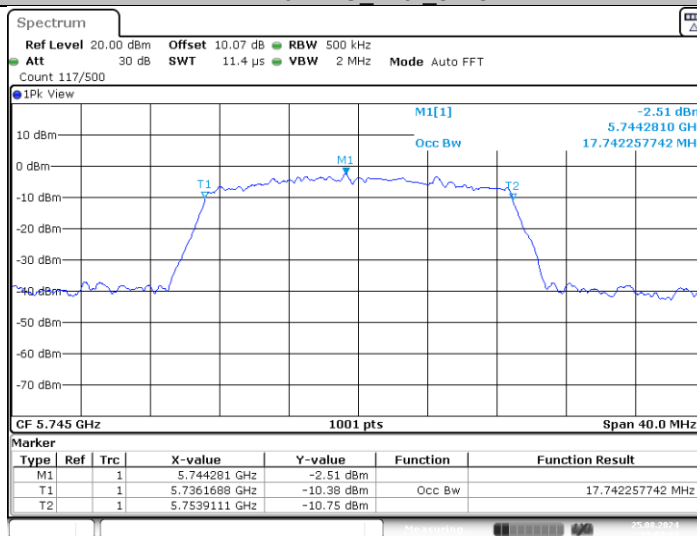
11N20MIMO\_Ant2\_5240



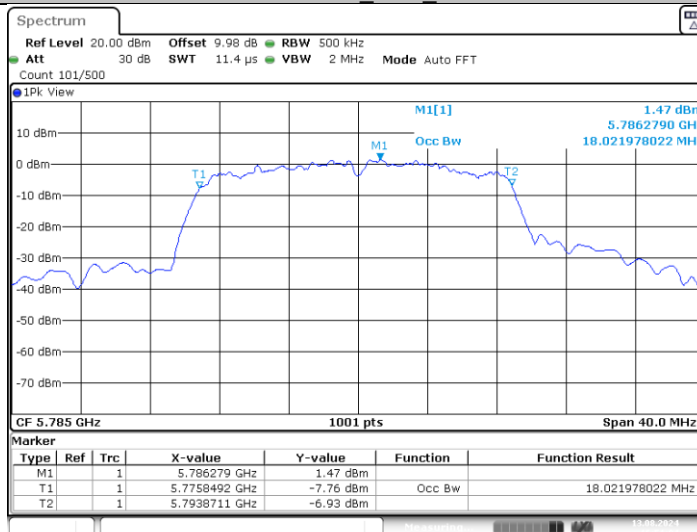
11N20MIMO\_Ant1\_5745



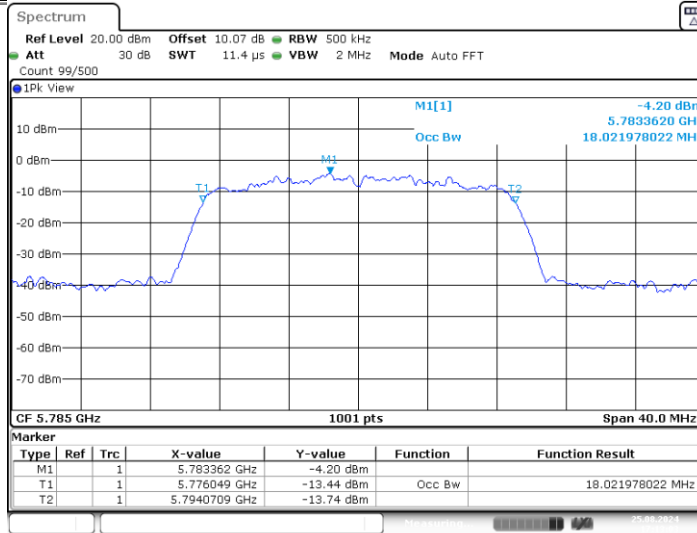
11N20MIMO\_Ant2\_5745



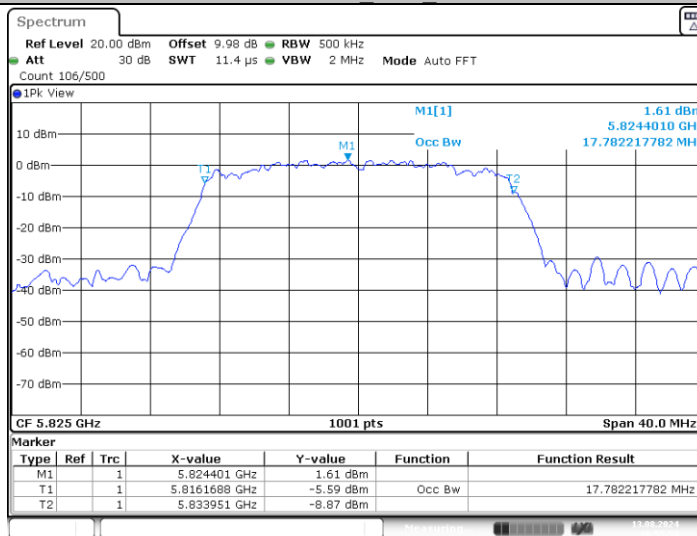
11N20MIMO\_Ant1\_5785



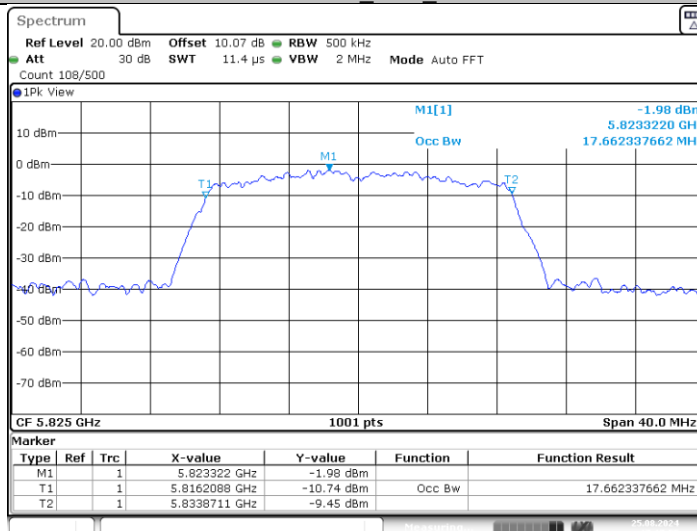
11N20MIMO\_Ant2\_5785



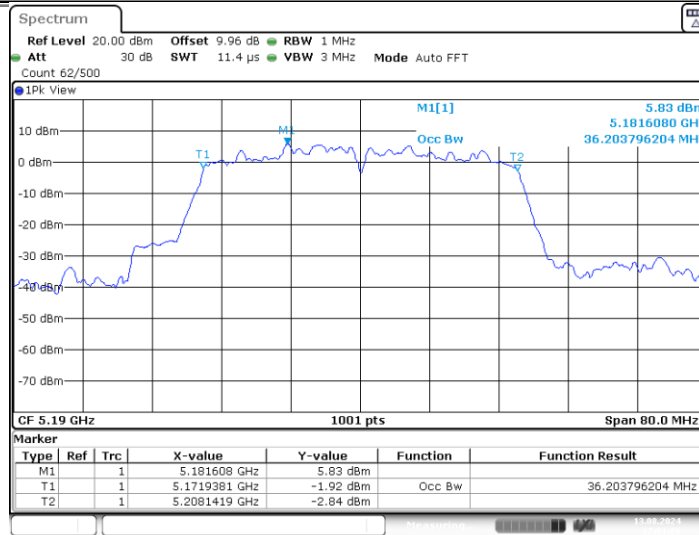
11N20MIMO\_Ant1\_5825



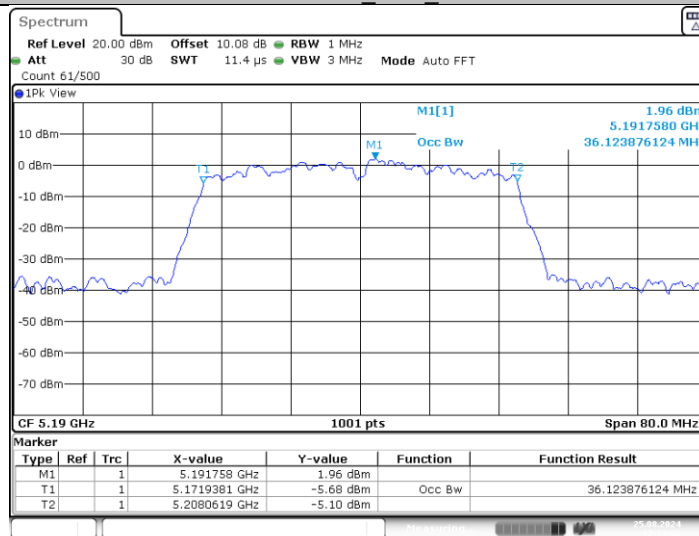
11N20MIMO\_Ant2\_5825



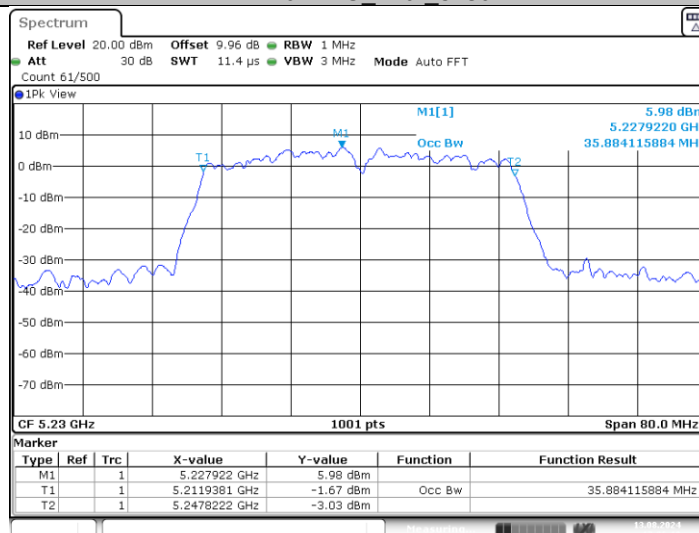
11N40MIMO\_Ant1\_5190



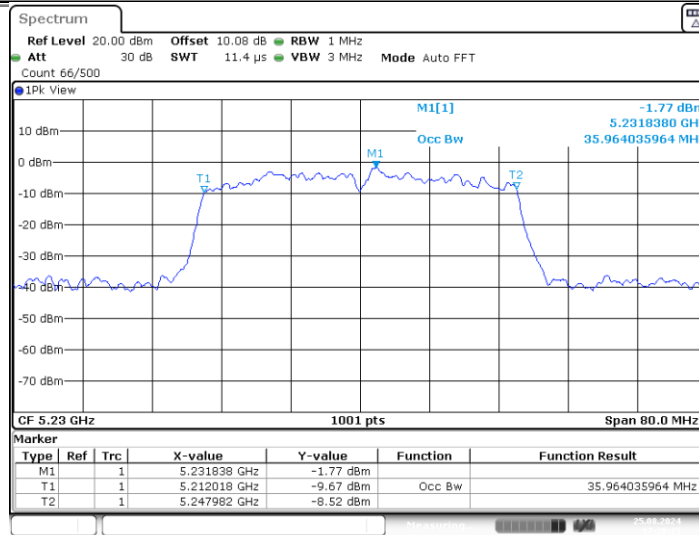
11N40MIMO\_Ant2\_5190



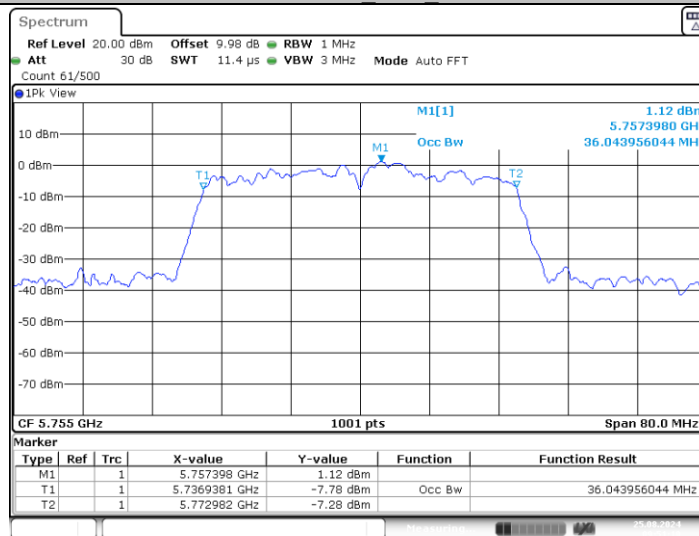
11N40MIMO\_Ant1\_5230



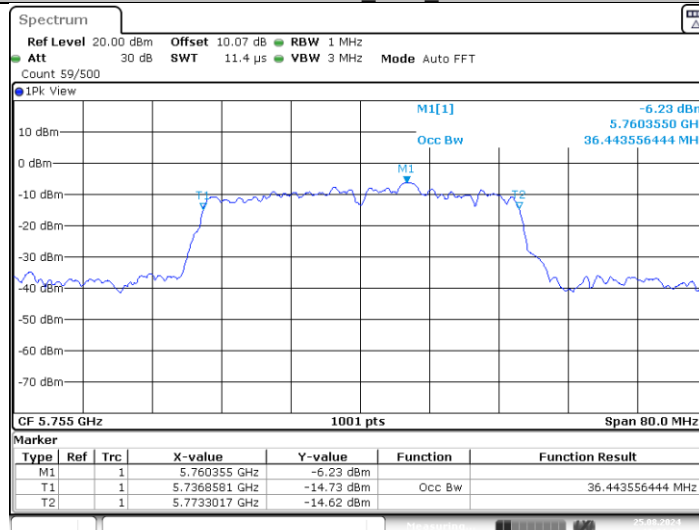
11N40MIMO\_Ant2\_5230



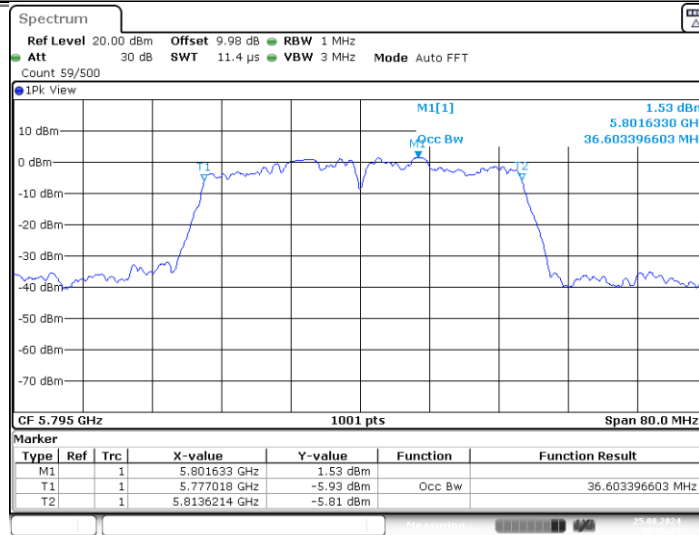
11N40MIMO\_Ant1\_5755



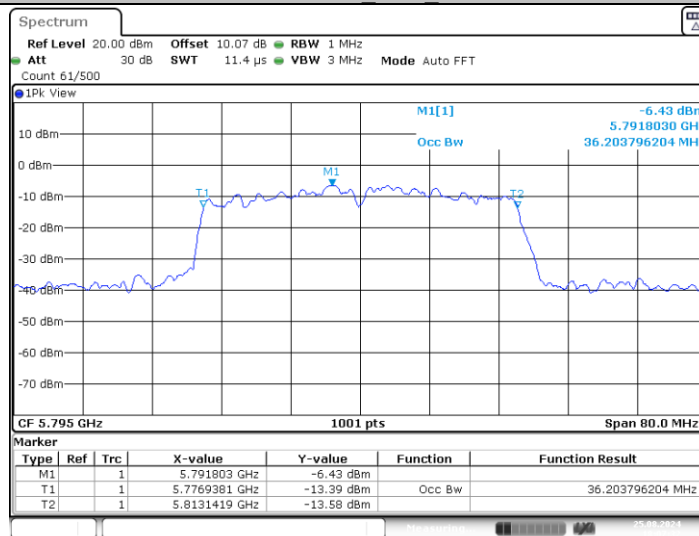
11N40MIMO\_Ant2\_5755



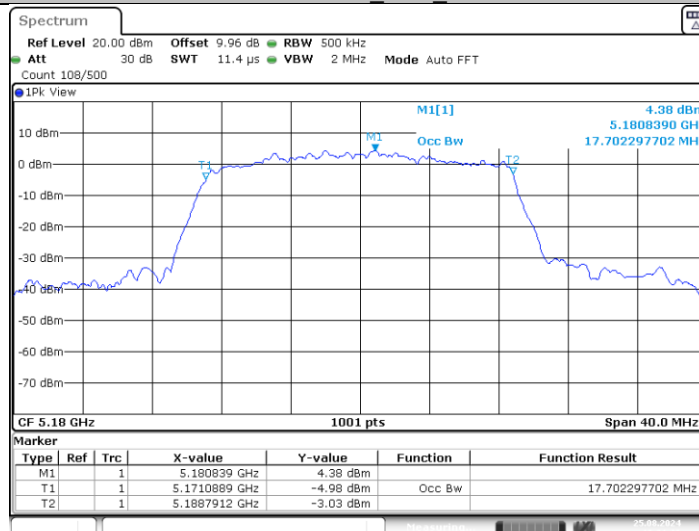
11N40MIMO\_Ant1\_5795



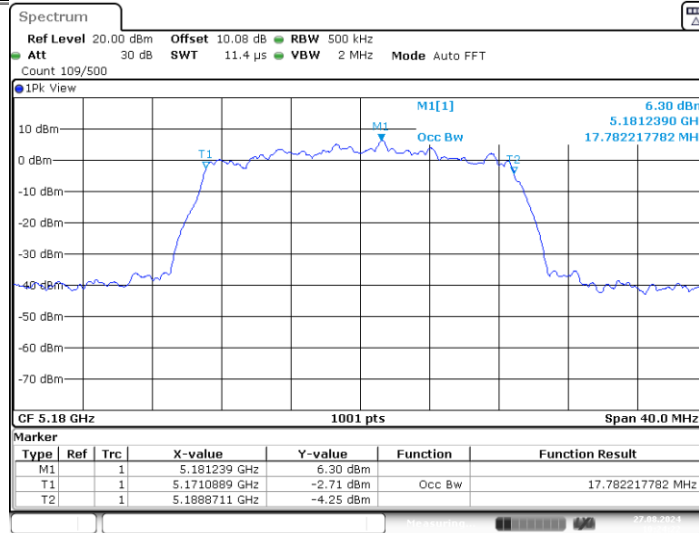
11N40MIMO Ant2 5795



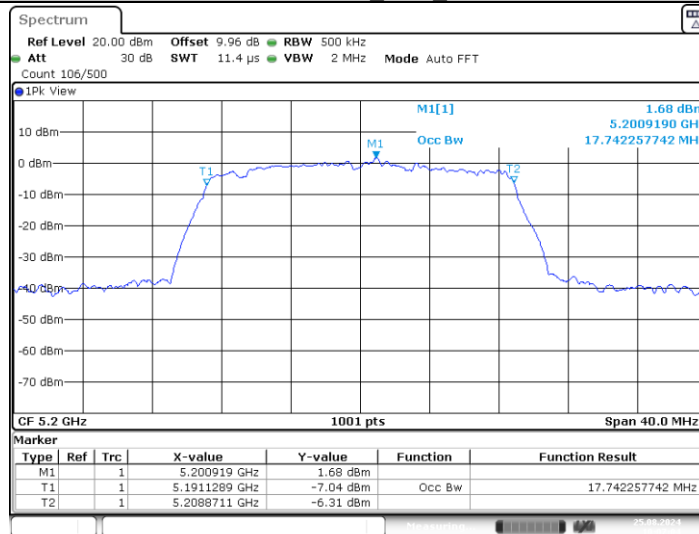
11AC20MIMO Ant1 5180



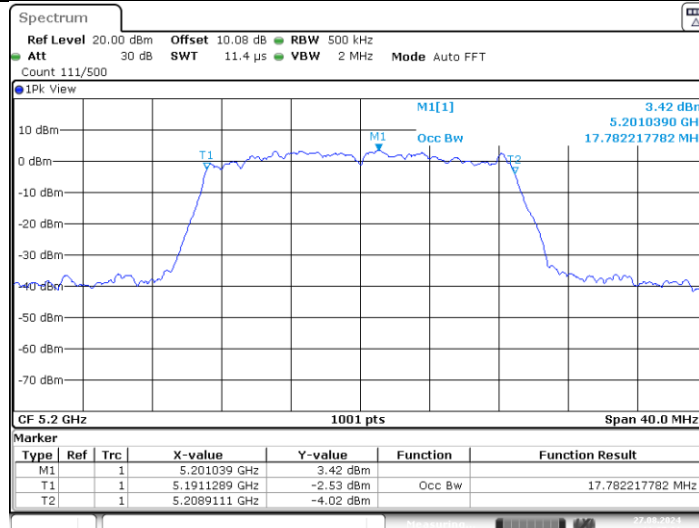
11AC20MIMO Ant2 5180



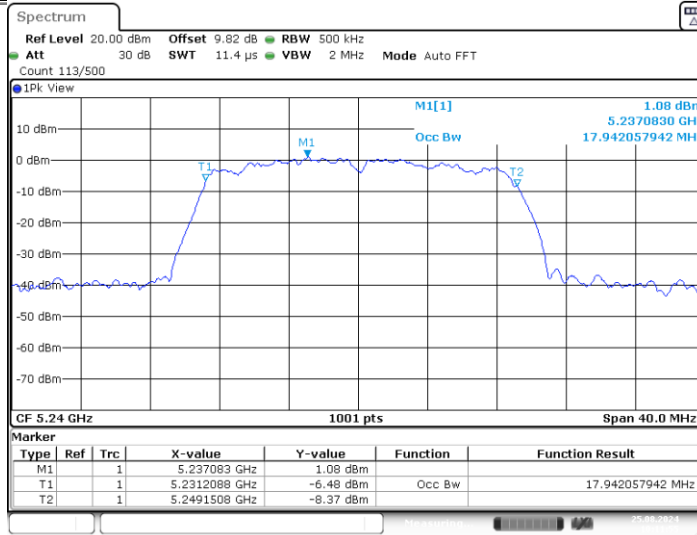
11AC20MIMO Ant1 5200



11AC20MIMO Ant2 5200



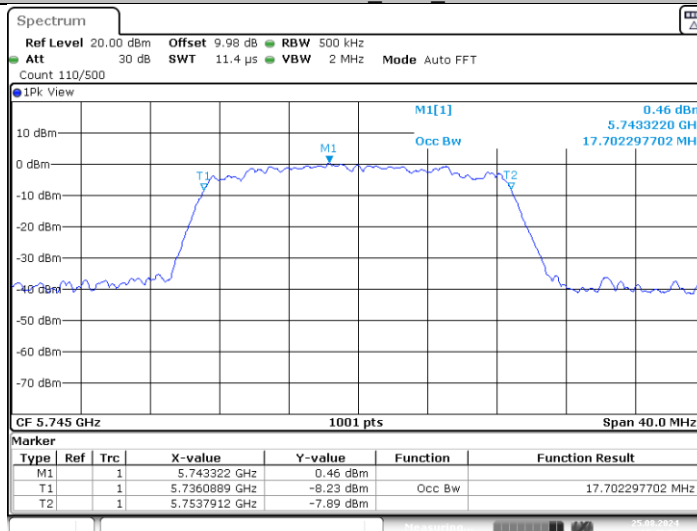
11AC20MIMO Ant1 5240



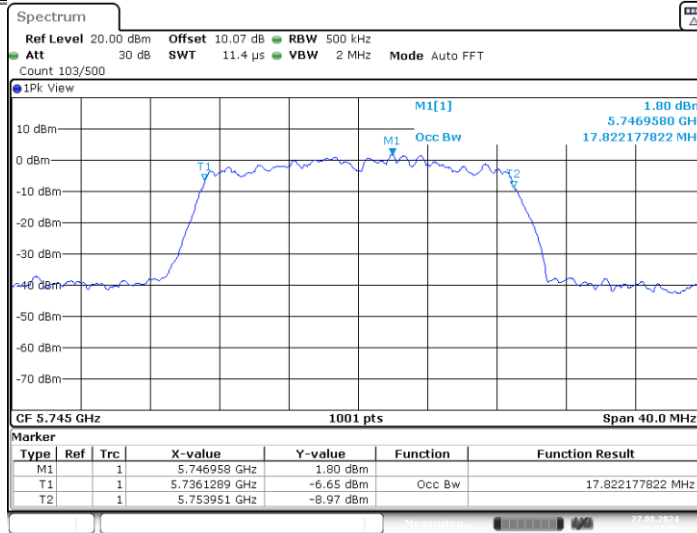
11AC20MIMO\_Ant2\_5240



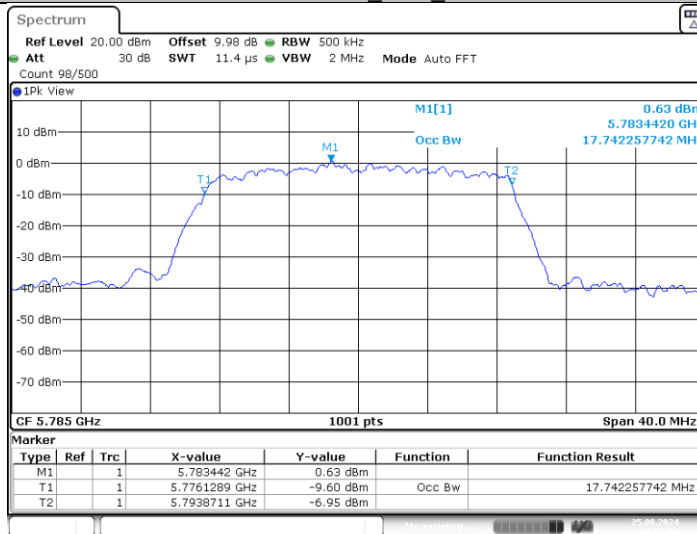
11AC20MIMO\_Ant1\_5745



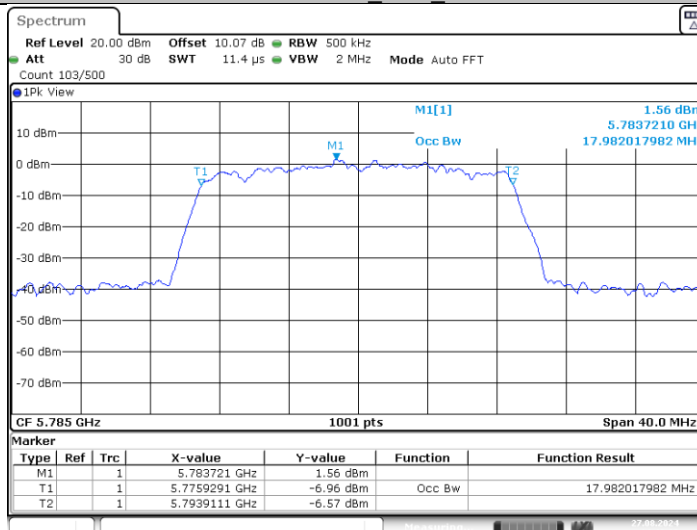
11AC20MIMO\_Ant2\_5745



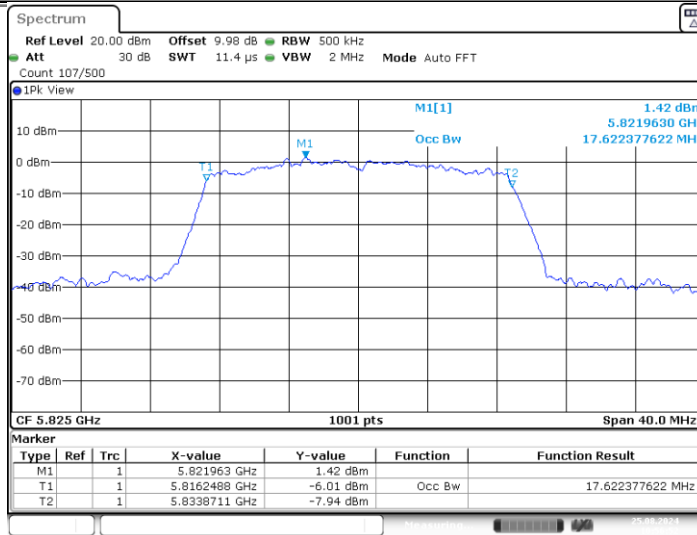
11AC20MIMO\_Ant1\_5785



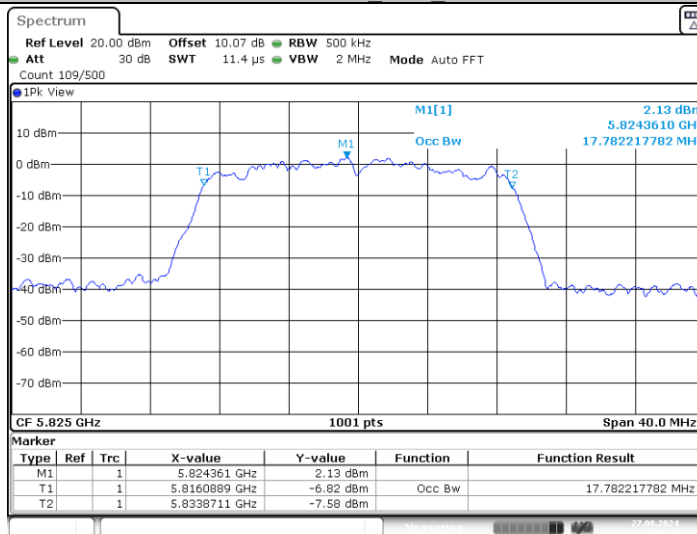
11AC20MIMO\_Ant2\_5785



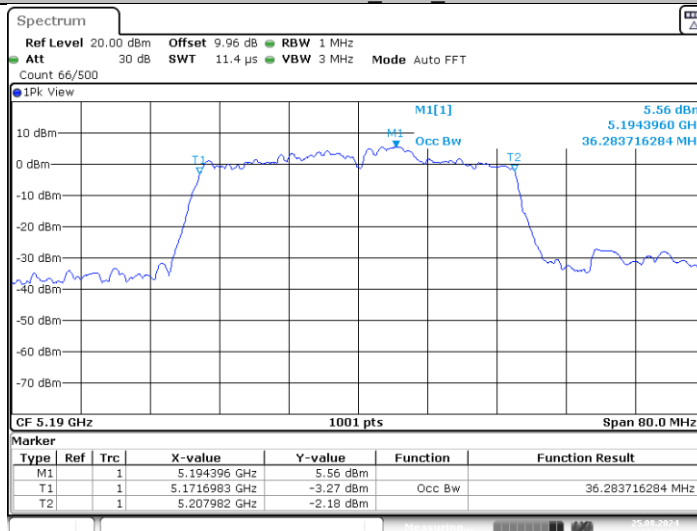
11AC20MIMO\_Ant1\_5825



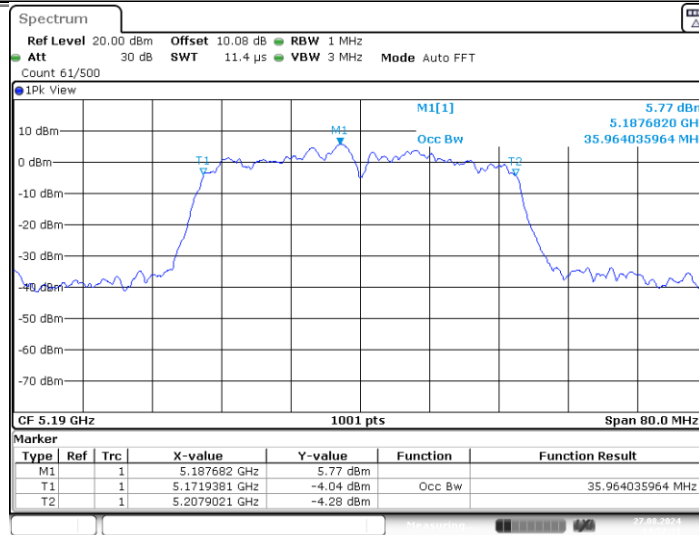
11AC20MIMO\_Ant2\_5825



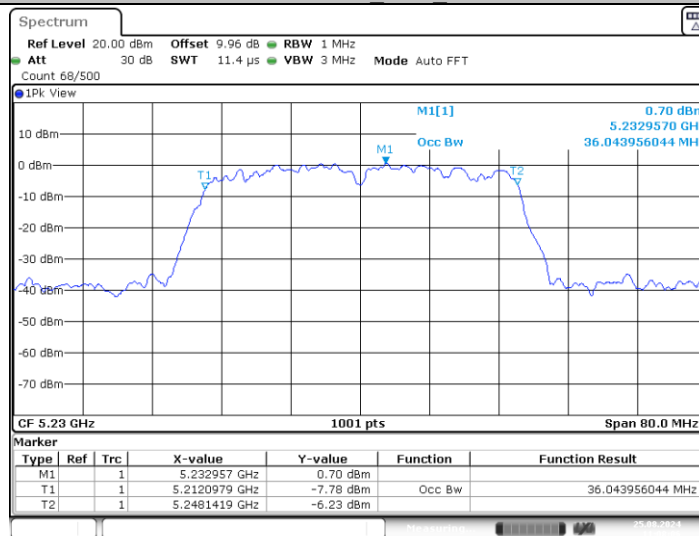
11AC40MIMO\_Ant1\_5190



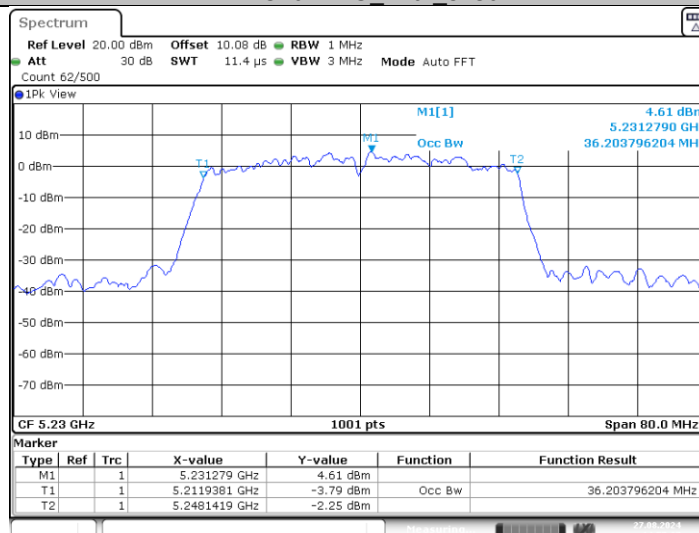
11AC40MIMO\_Ant2\_5190



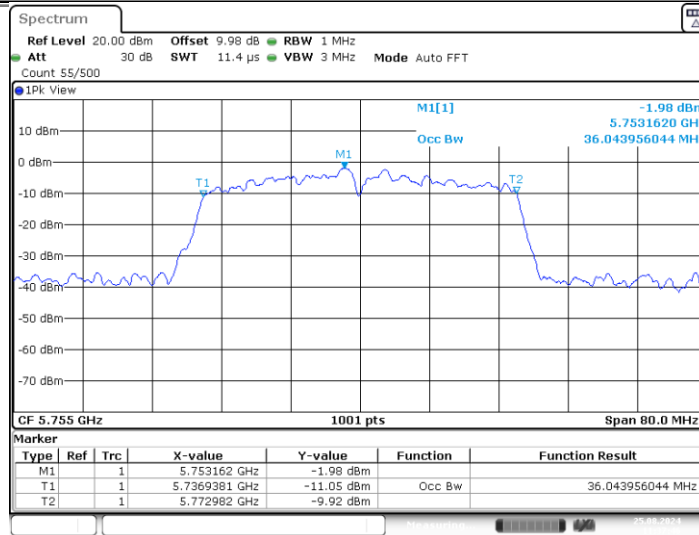
11AC40MIMO Ant1 5230



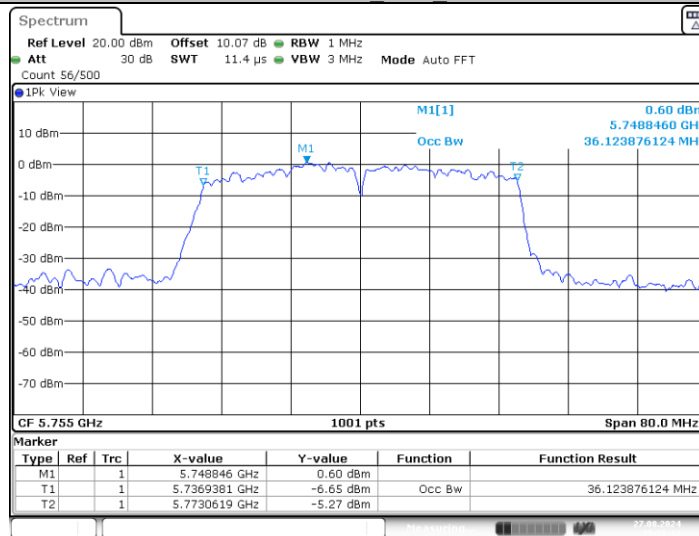
11AC40MIMO Ant2 5230



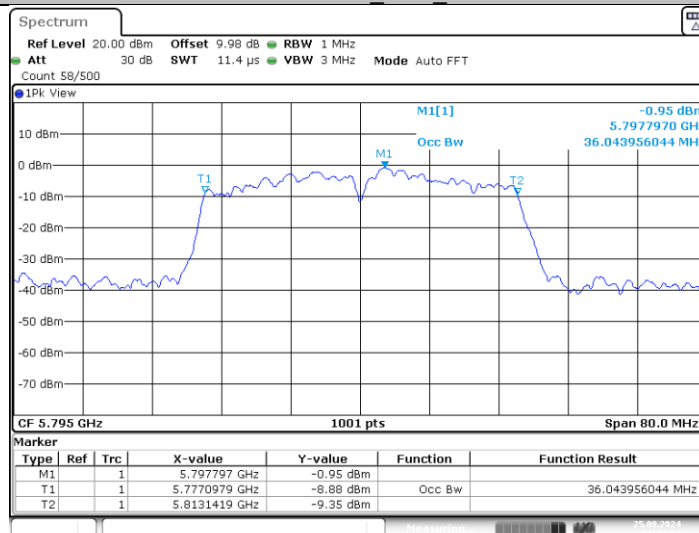
11AC40MIMO Ant1 5755



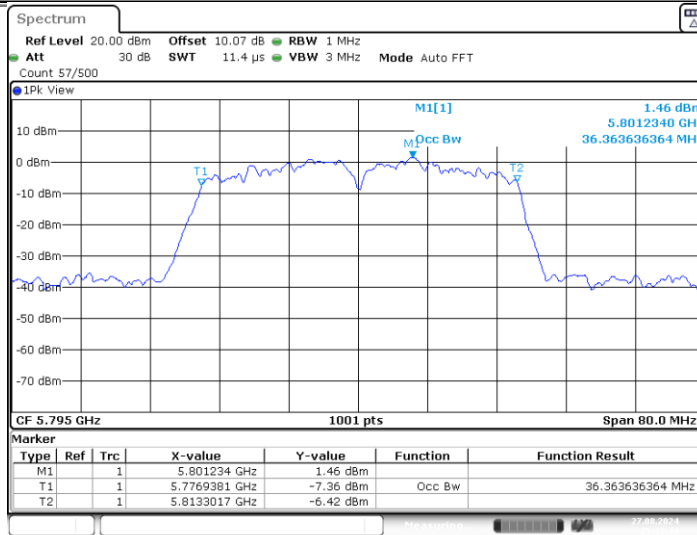
11AC40MIMO Ant2 5755



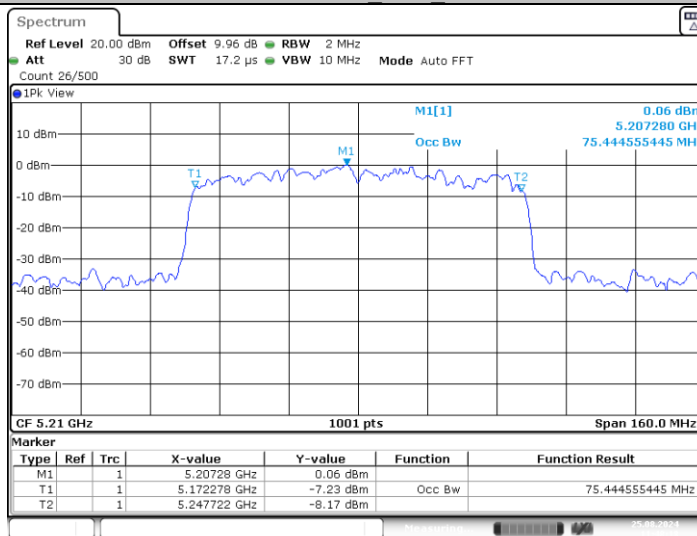
11AC40MIMO Ant1 5795



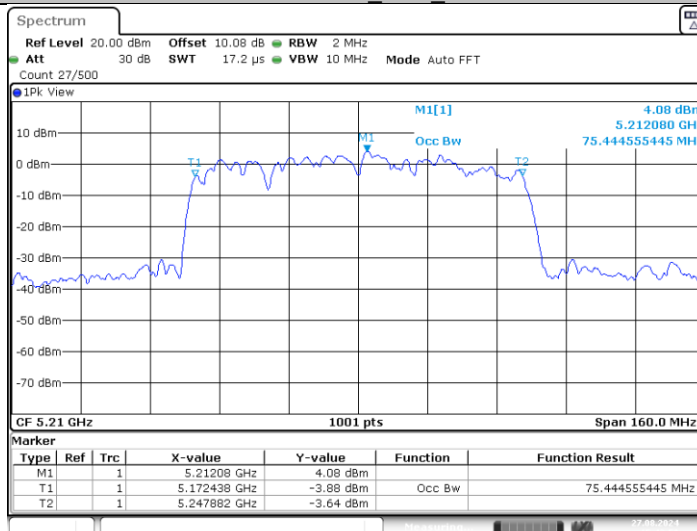
11AC40MIMO Ant2 5795



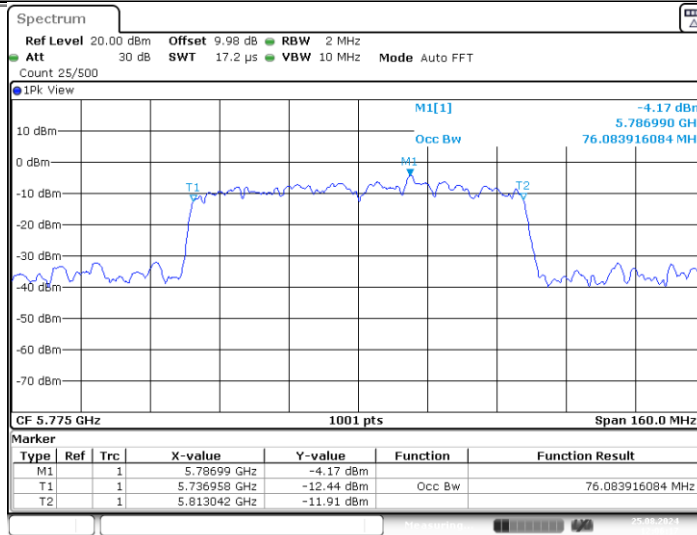
11AC80MIMO\_Ant1\_5210



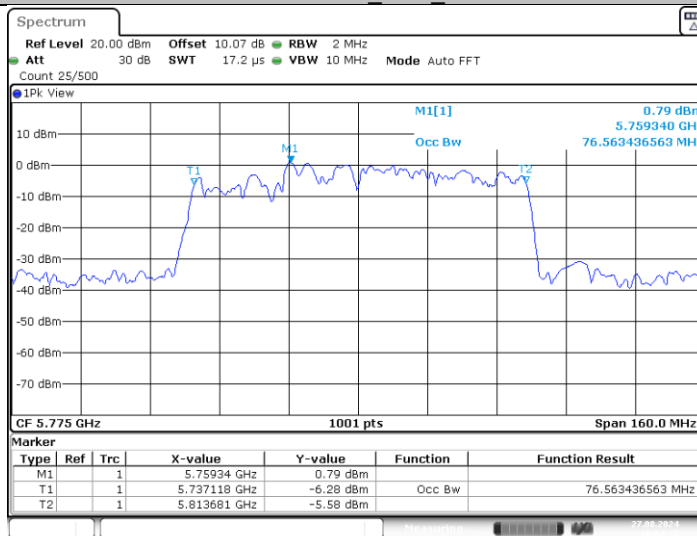
11AC80MIMO\_Ant2\_5210



11AC80MIMO\_Ant1\_5775



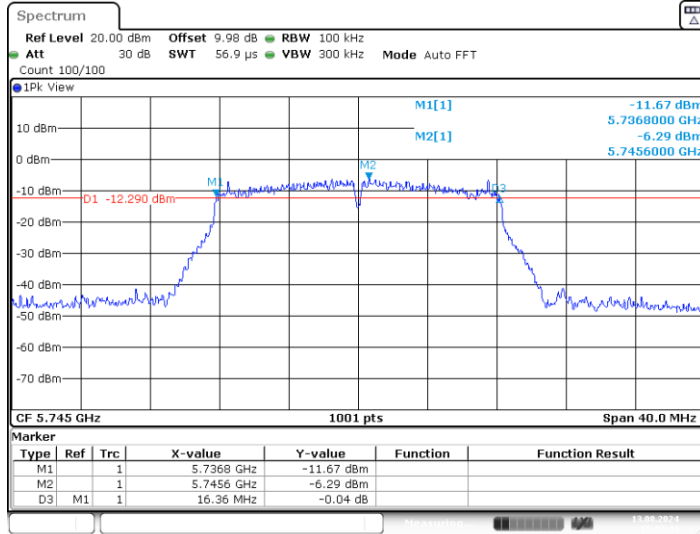
### 11AC80MIMO\_Ant2\_5775



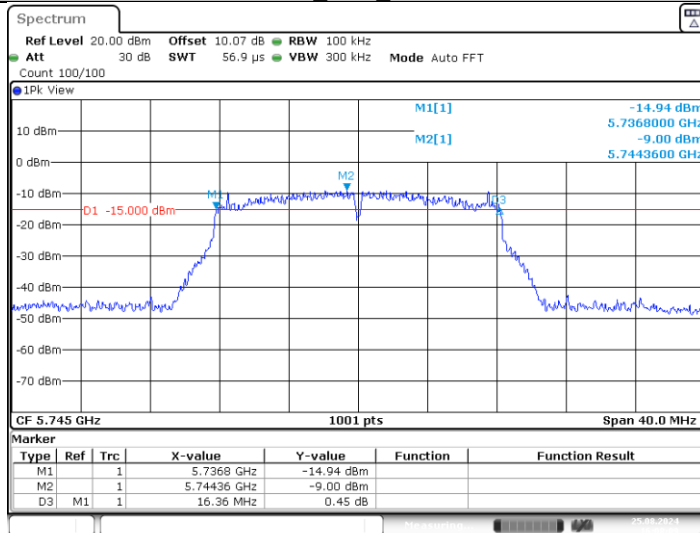
## Min emission bandwidth

| TestMode   | Antenna | Freq(MHz) | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|-----------|---------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5745      | 16.36         | 5736.80 | 5753.16 | 0.5        | PASS    |
|            | Ant2    | 5745      | 16.36         | 5736.80 | 5753.16 | 0.5        | PASS    |
|            | Ant1    | 5785      | 16.32         | 5776.84 | 5793.16 | 0.5        | PASS    |
|            | Ant2    | 5785      | 16.32         | 5776.84 | 5793.16 | 0.5        | PASS    |
|            | Ant1    | 5825      | 13.88         | 5818.68 | 5832.56 | 0.5        | PASS    |
|            | Ant2    | 5825      | 16.28         | 5816.84 | 5833.12 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5745      | 17.32         | 5736.44 | 5753.76 | 0.5        | PASS    |
|            | Ant2    | 5745      | 17.56         | 5736.20 | 5753.76 | 0.5        | PASS    |
|            | Ant1    | 5785      | 17.56         | 5776.20 | 5793.76 | 0.5        | PASS    |
|            | Ant2    | 5785      | 15.08         | 5777.44 | 5792.52 | 0.5        | PASS    |
|            | Ant1    | 5825      | 15.08         | 5817.44 | 5832.52 | 0.5        | PASS    |
|            | Ant2    | 5825      | 15.04         | 5817.44 | 5832.48 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5755      | 31.68         | 5740.84 | 5772.52 | 0.5        | PASS    |
|            | Ant2    | 5755      | 30.08         | 5742.44 | 5772.52 | 0.5        | PASS    |
|            | Ant1    | 5795      | 33.84         | 5778.68 | 5812.52 | 0.5        | PASS    |
|            | Ant2    | 5795      | 36.08         | 5777.08 | 5813.16 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5745      | 17.56         | 5736.20 | 5753.76 | 0.5        | PASS    |
|            | Ant2    | 5745      | 15.28         | 5737.40 | 5752.68 | 0.5        | PASS    |
|            | Ant1    | 5785      | 17.56         | 5776.20 | 5793.76 | 0.5        | PASS    |
|            | Ant2    | 5785      | 15.12         | 5777.44 | 5792.56 | 0.5        | PASS    |
|            | Ant1    | 5825      | 16.92         | 5816.84 | 5833.76 | 0.5        | PASS    |
|            | Ant2    | 5825      | 16.36         | 5816.20 | 5832.56 | 0.5        | PASS    |
| 11AC40MIMO | Ant1    | 5755      | 35.12         | 5737.40 | 5772.52 | 0.5        | PASS    |
|            | Ant2    | 5755      | 35.12         | 5737.40 | 5772.52 | 0.5        | PASS    |
|            | Ant1    | 5795      | 34.96         | 5777.80 | 5812.76 | 0.5        | PASS    |
|            | Ant2    | 5795      | 35.12         | 5777.40 | 5812.52 | 0.5        | PASS    |
| 11AC80MIMO | Ant1    | 5775      | 75.84         | 5737.40 | 5813.24 | 0.5        | PASS    |
|            | Ant2    | 5775      | 68.96         | 5743.64 | 5812.60 | 0.5        | PASS    |

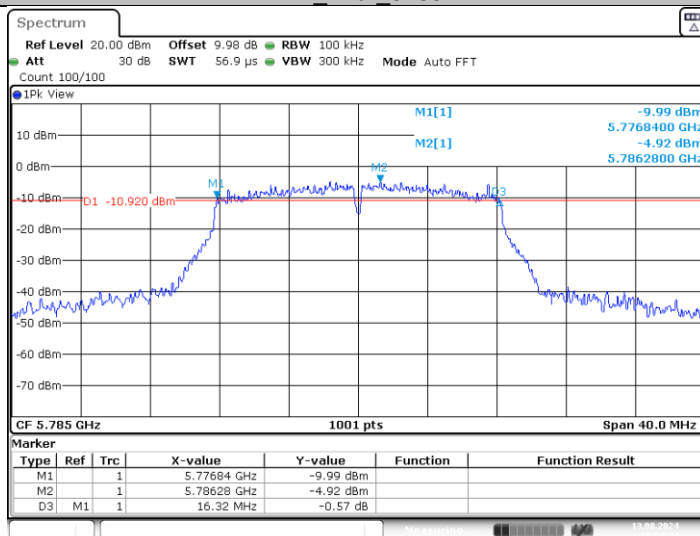
### 11A\_Ant1\_5745

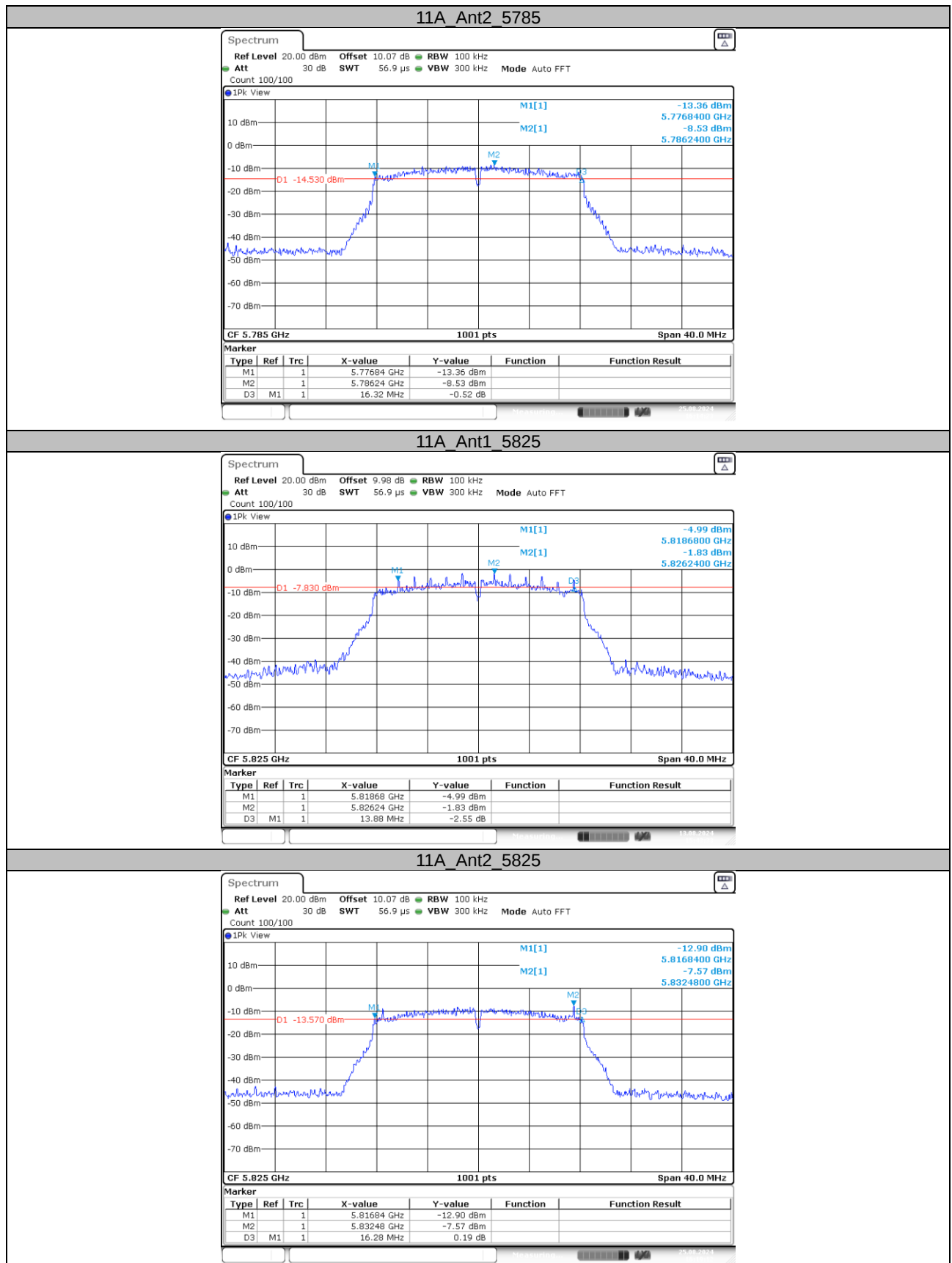


### 11A\_Ant2\_5745

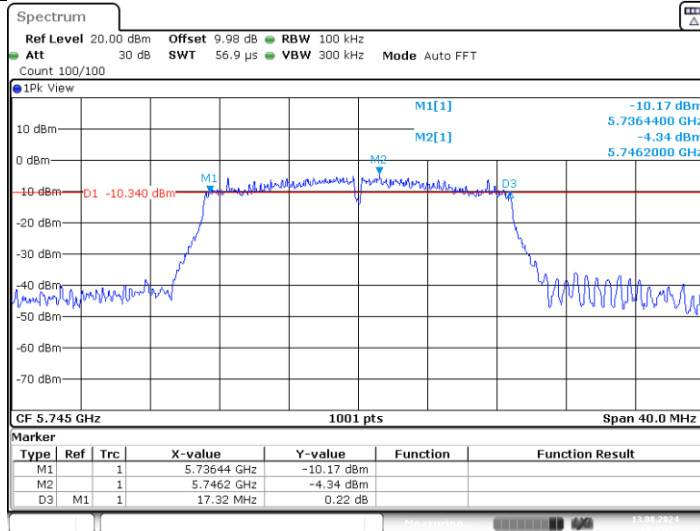


### 11A\_Ant1\_5785

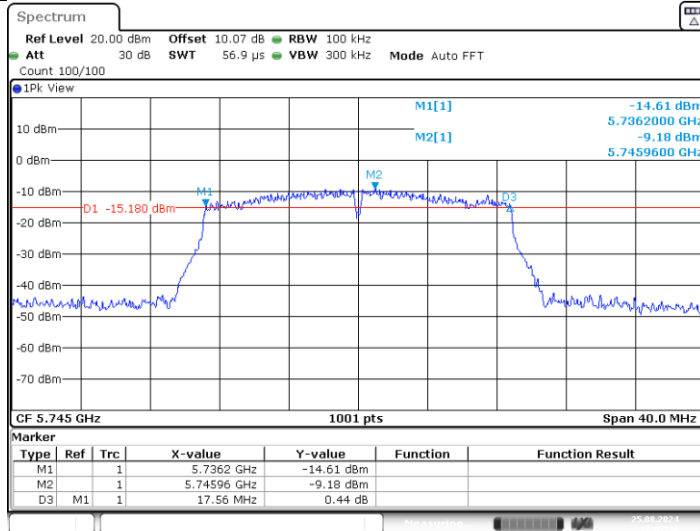




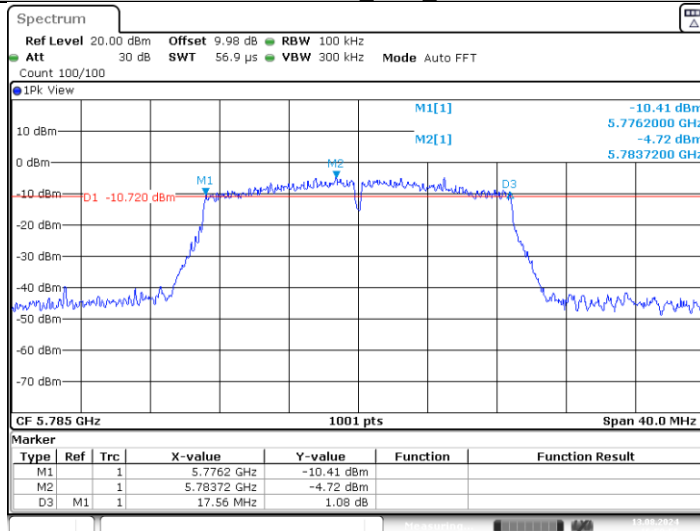
## 11N20MIMO\_Ant1\_5745

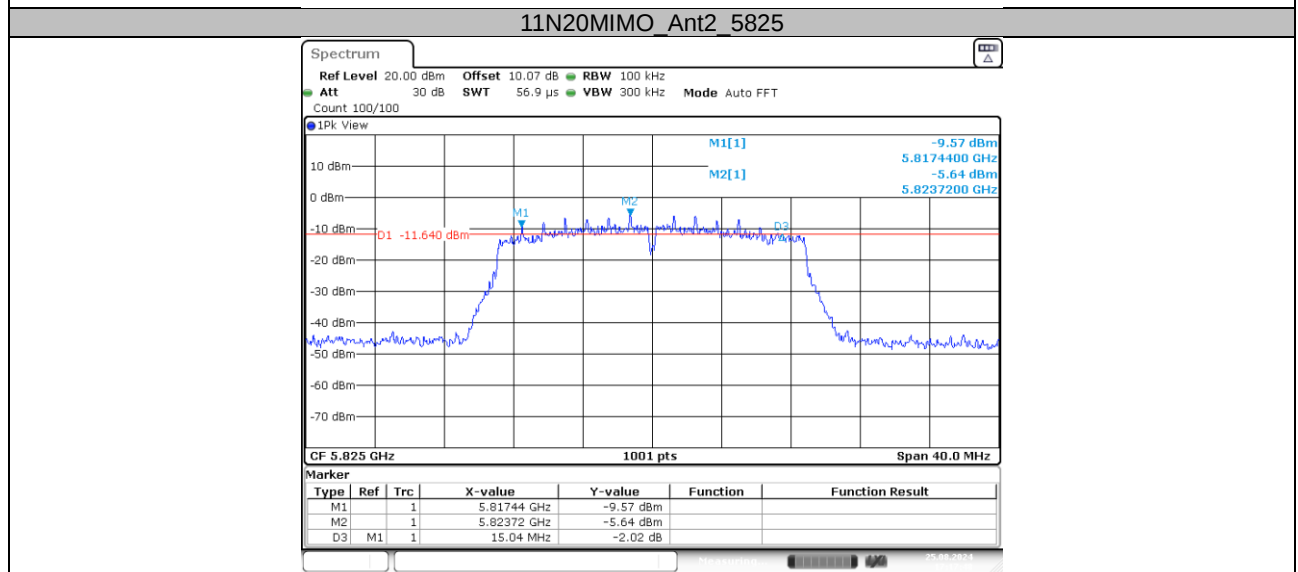
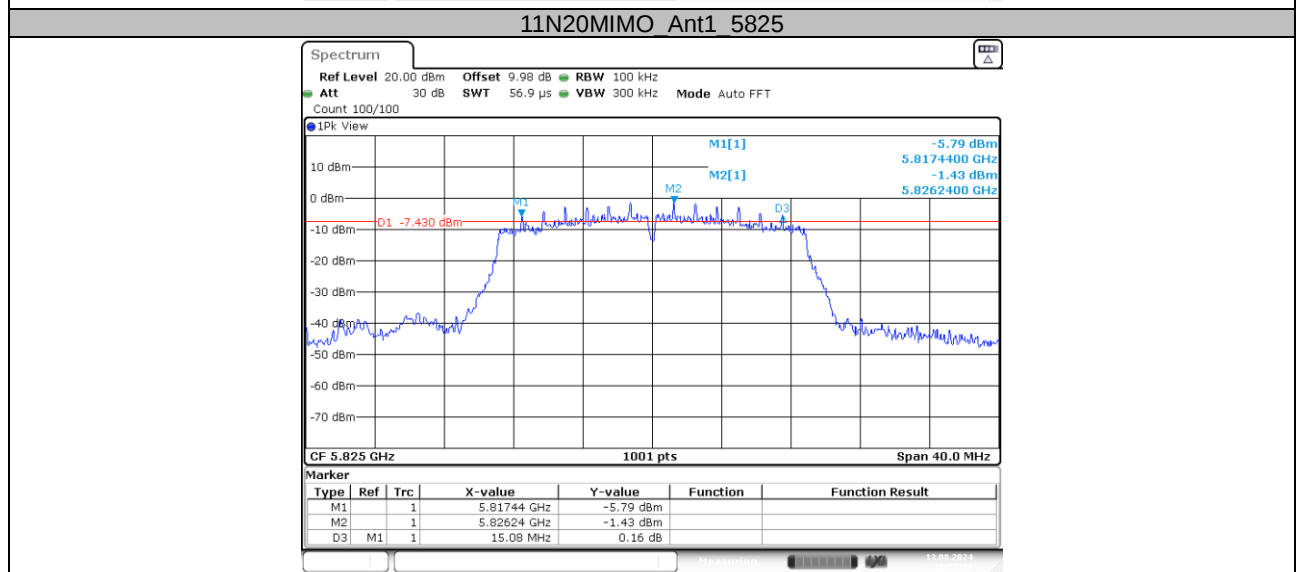
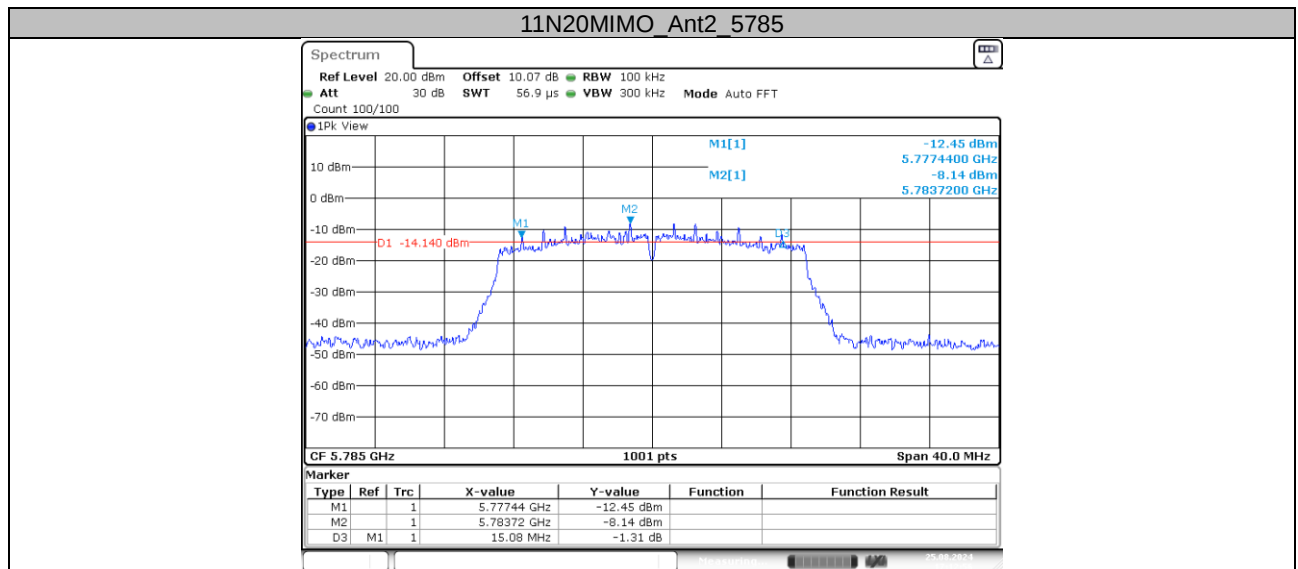


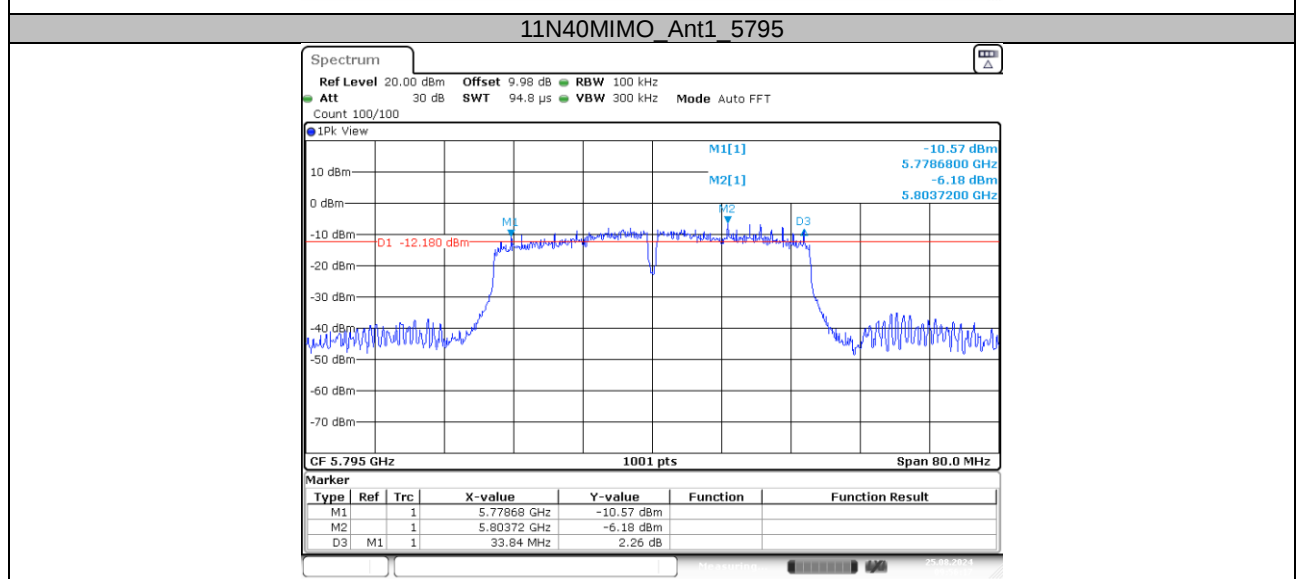
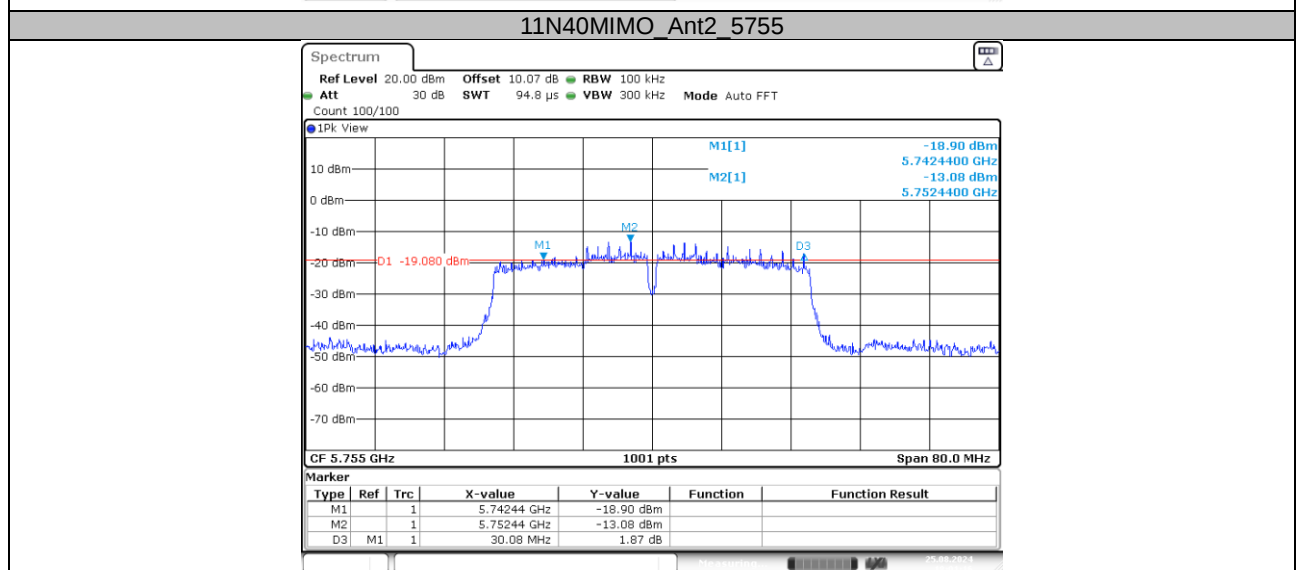
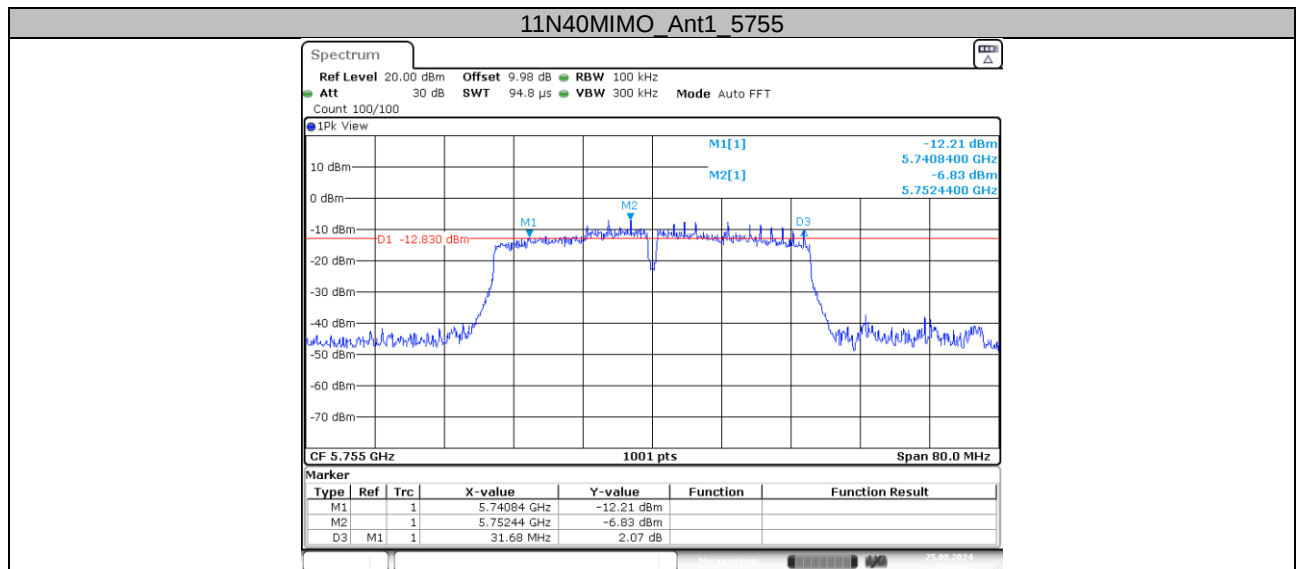
## 11N20MIMO\_Ant2\_5745

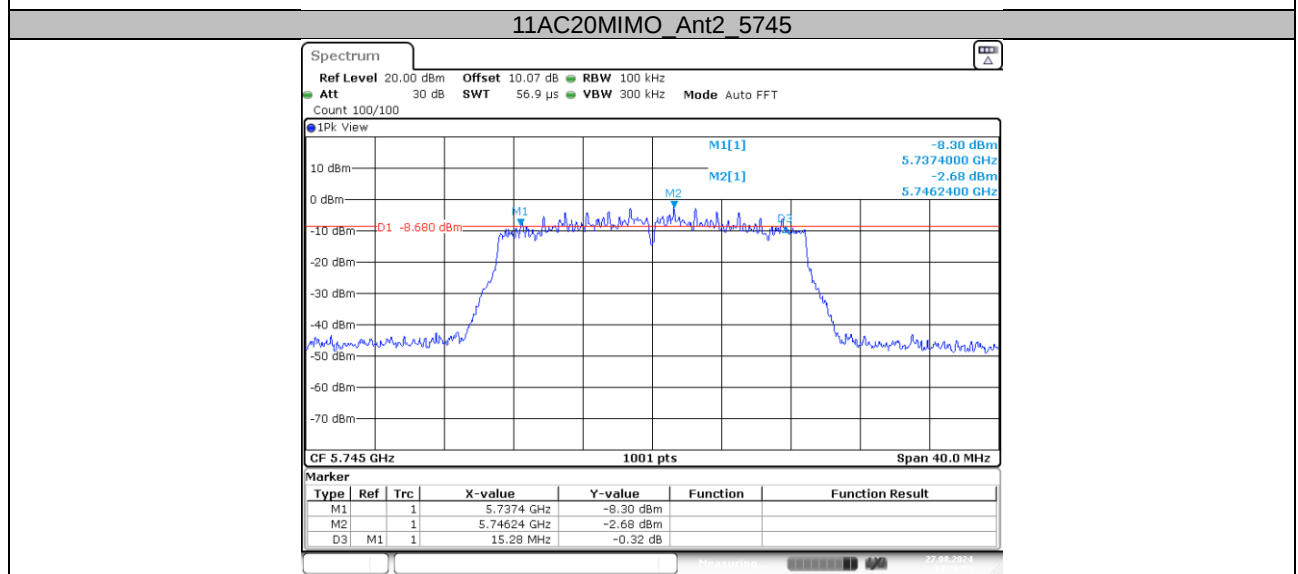
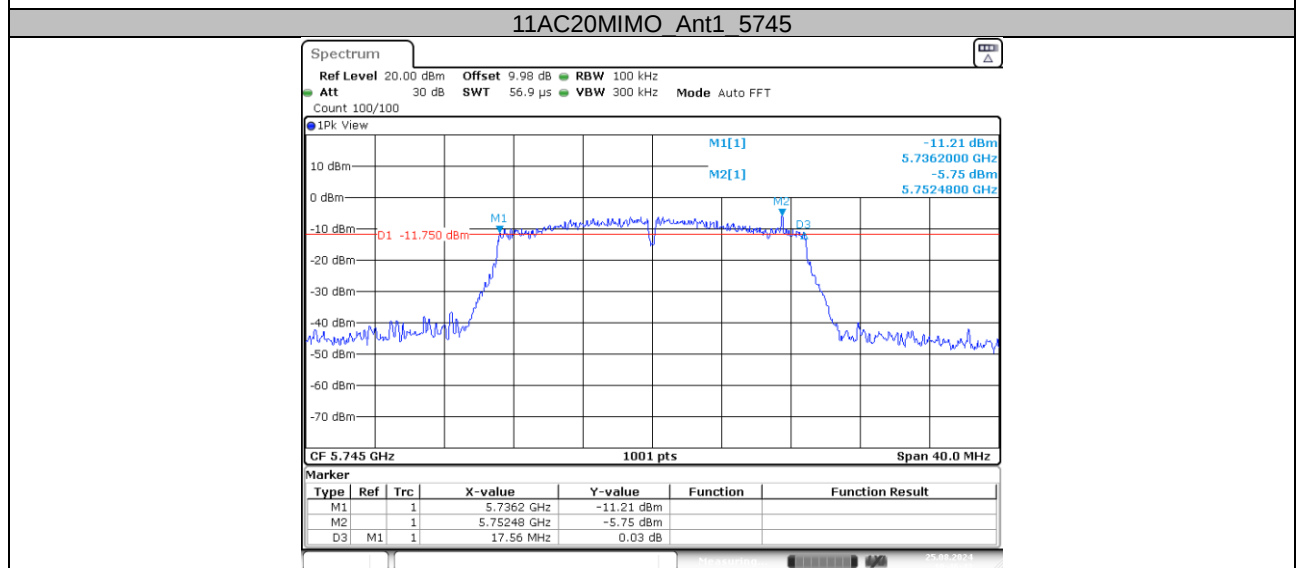
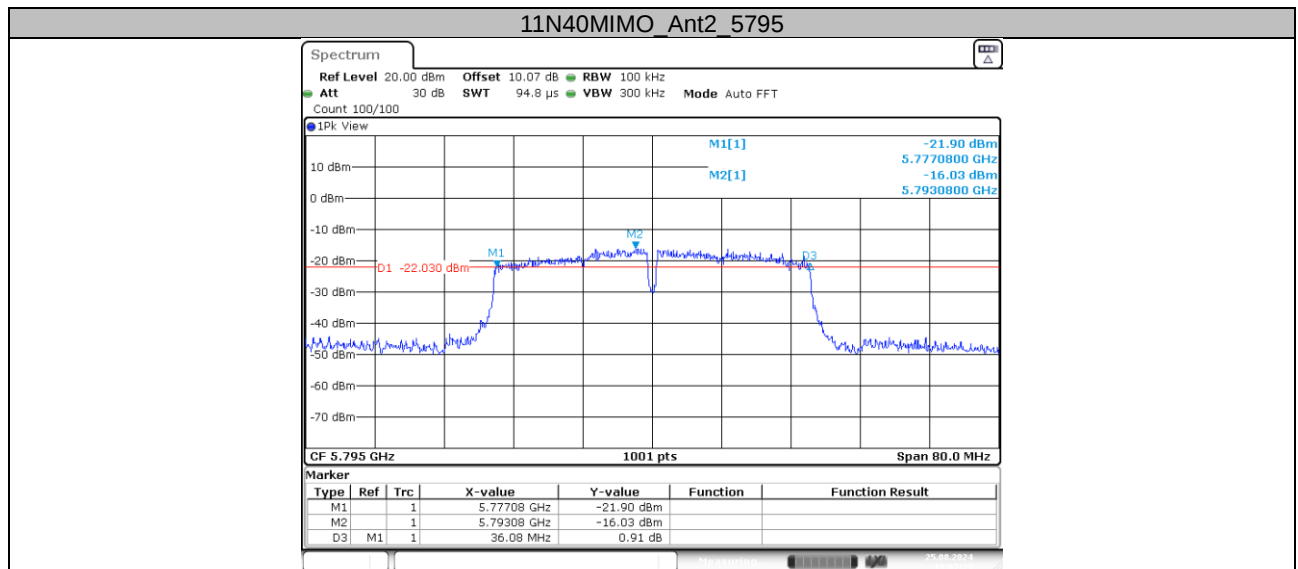


## 11N20MIMO\_Ant1\_5785

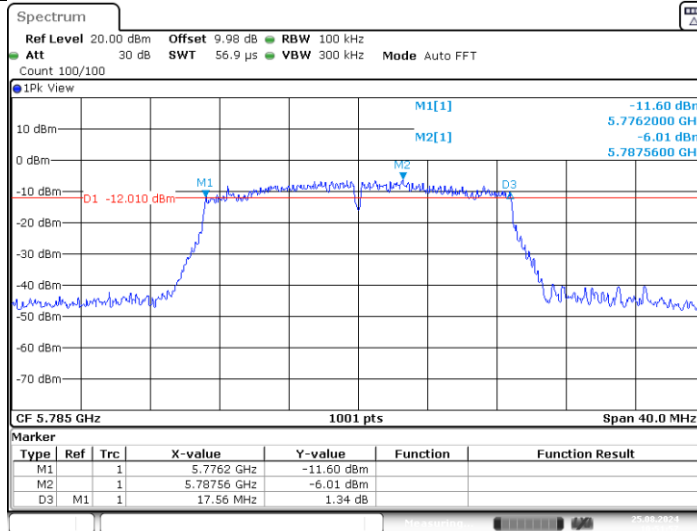




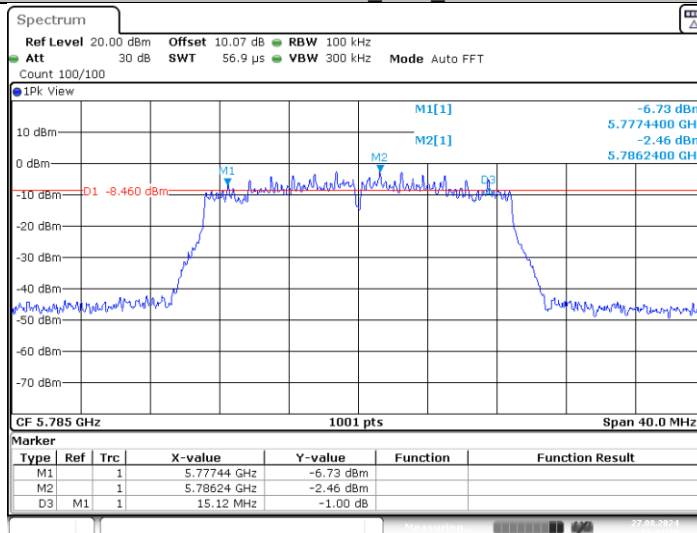




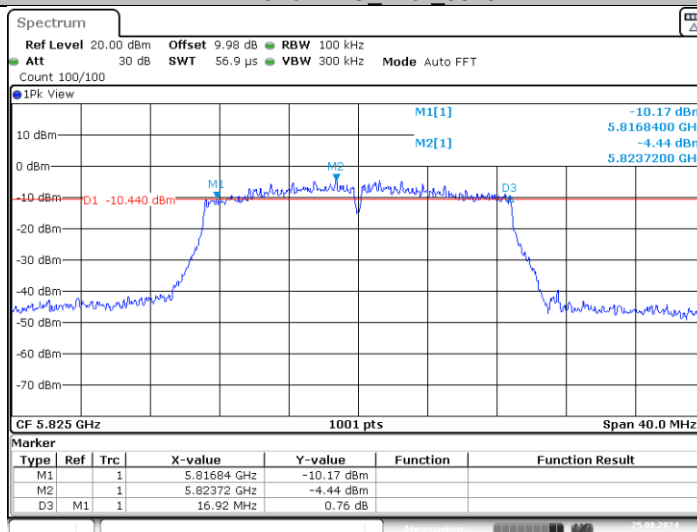
## 11AC20MIMO\_Ant1\_5785

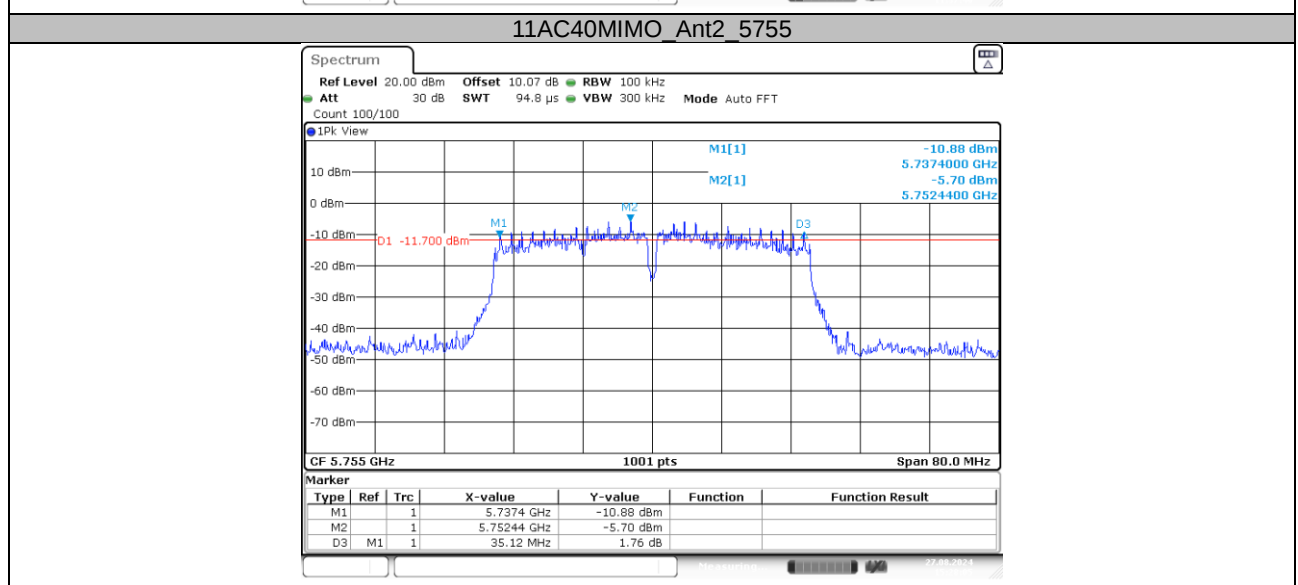
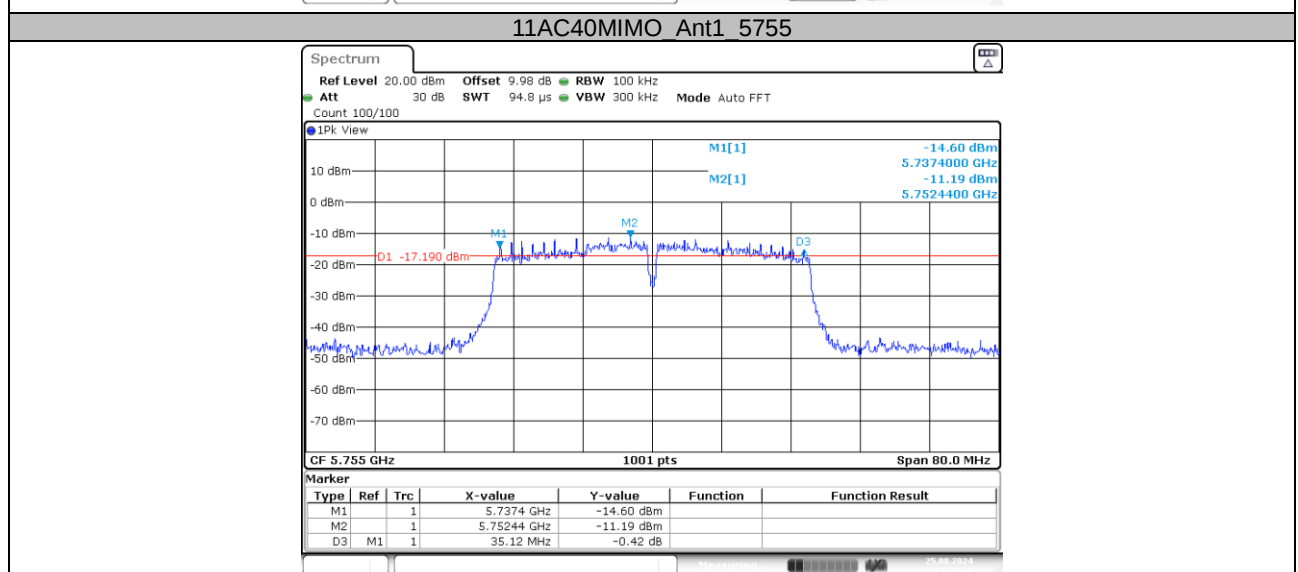
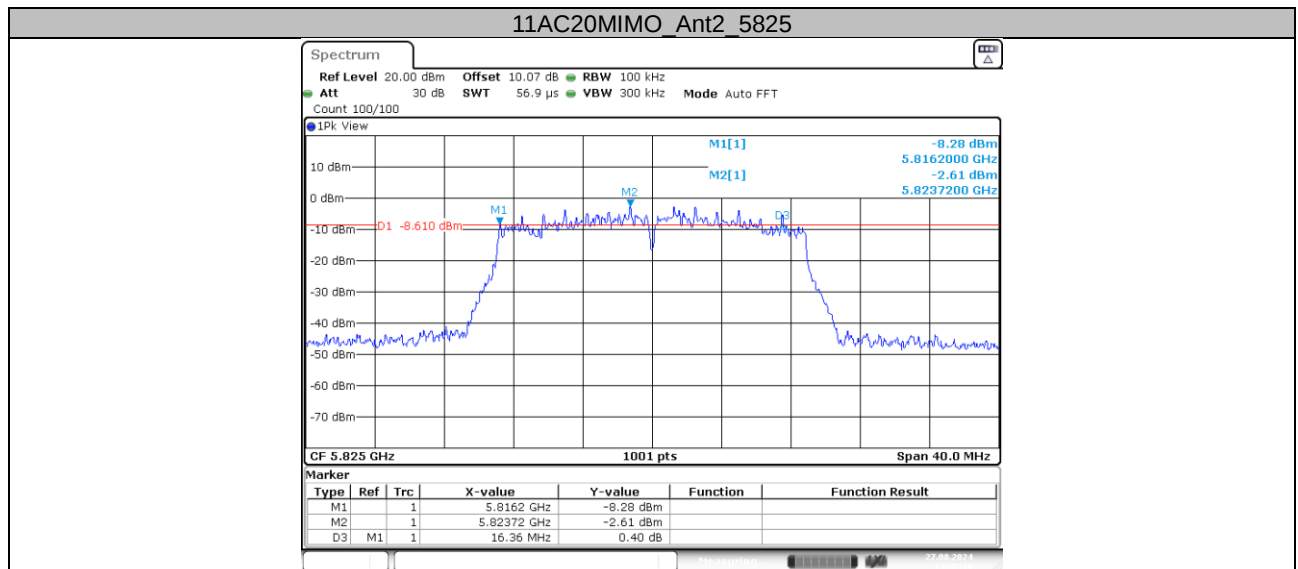


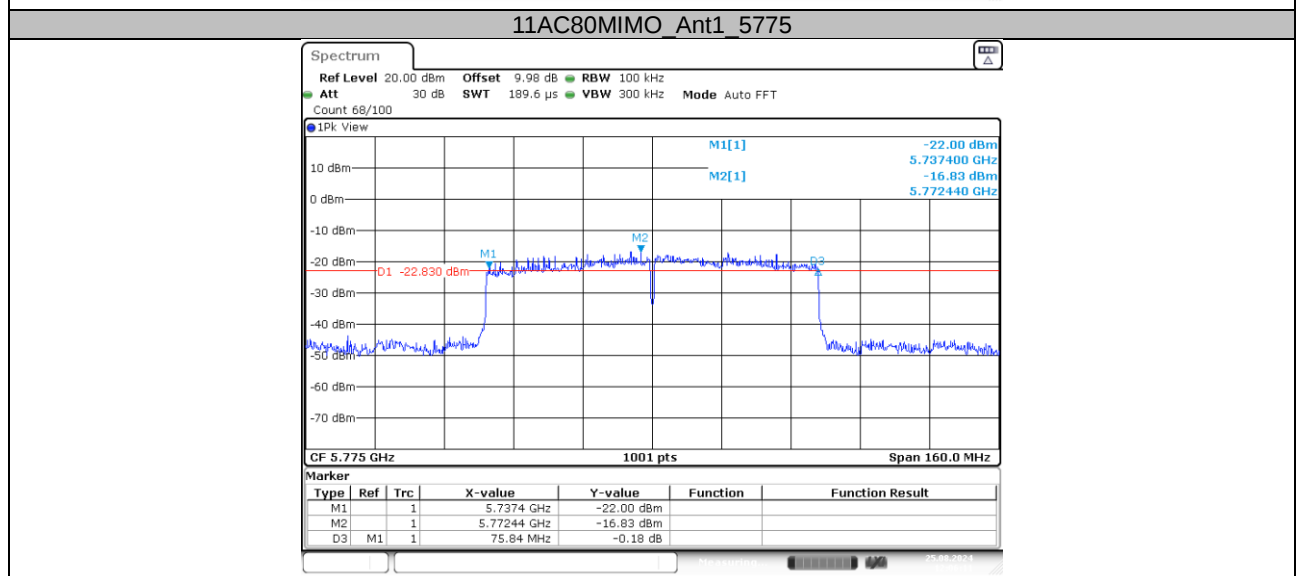
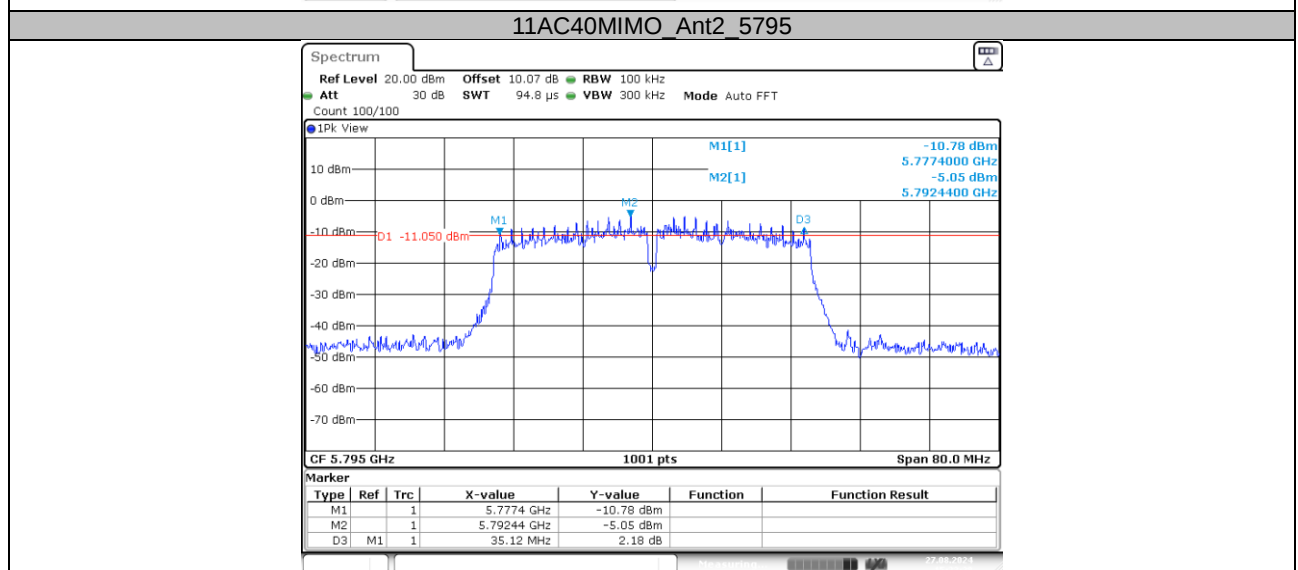
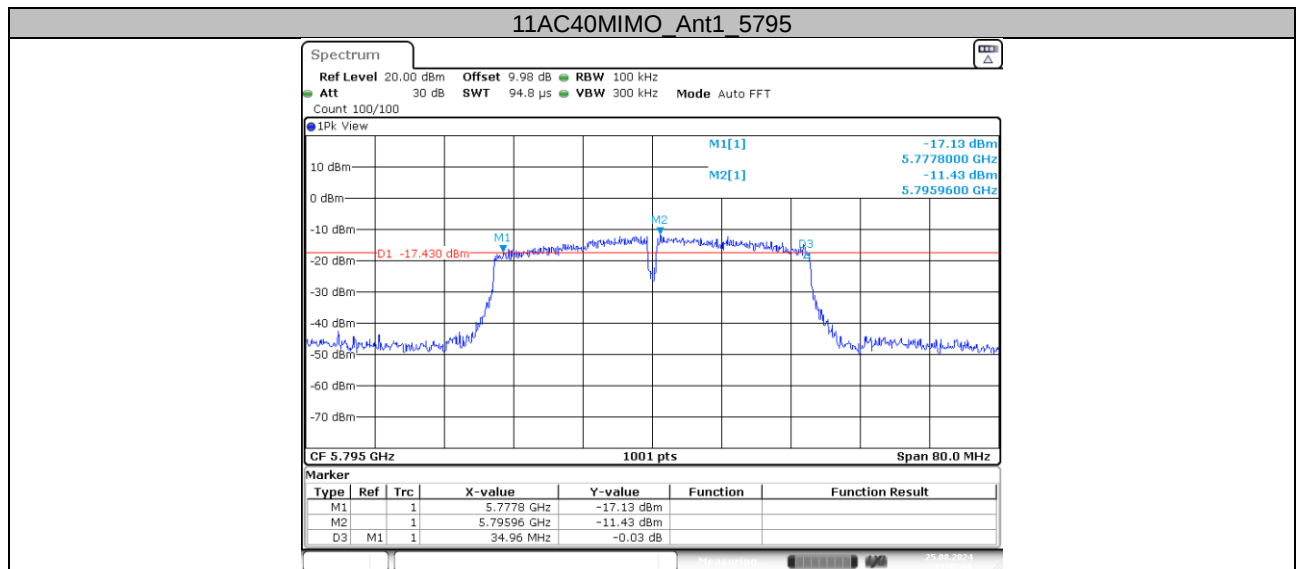
## 11AC20MIMO\_Ant2\_5785

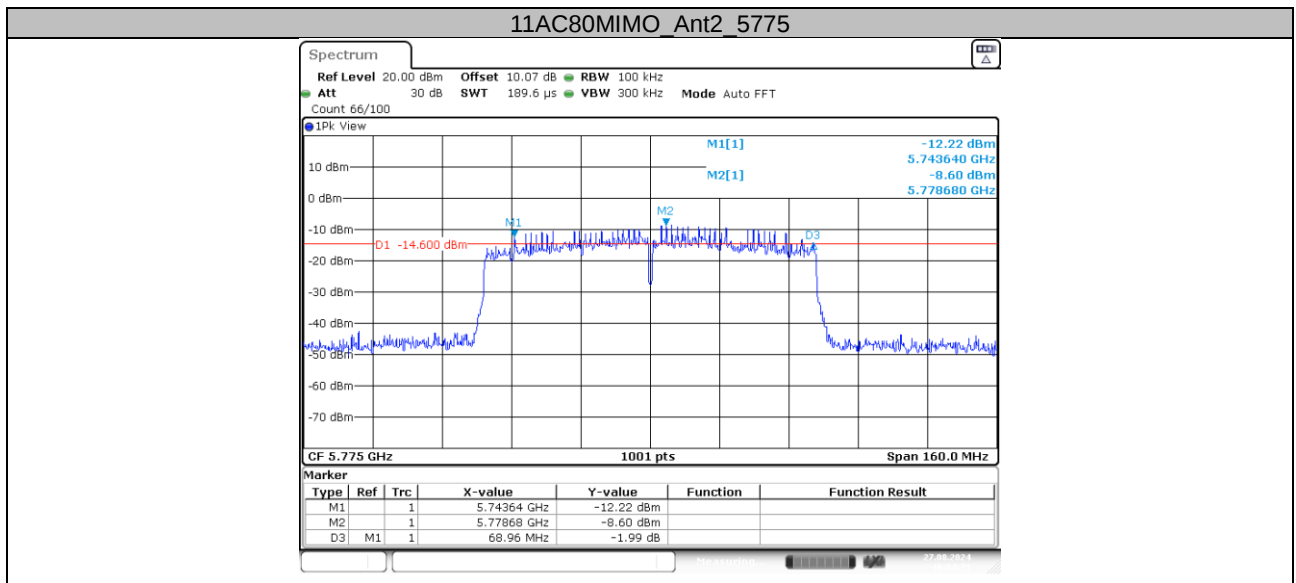


## 11AC20MIMO\_Ant1\_5825









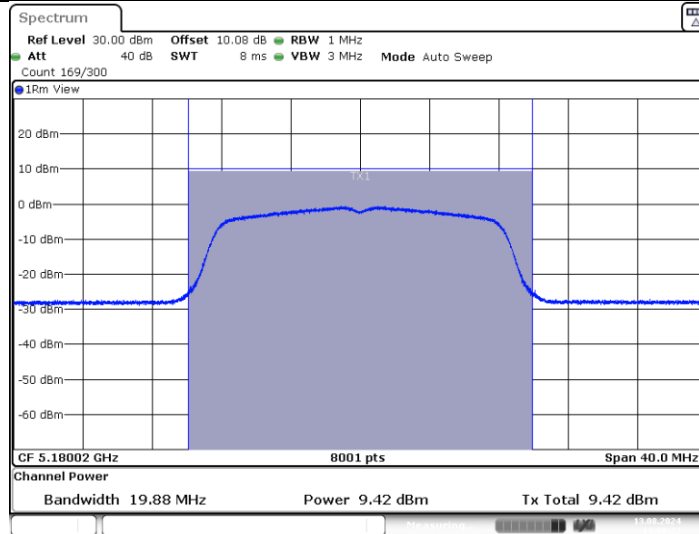
## APPENDIXF -MAXIMUMOUTPUT POWER

| Test Mod e    | Ante nna | Freq(MHz) | Channel Power [dBm] | Duty Cycle [%] | DC Factor [dBm] | Result [dBm] | Limit [dBm] | EIRP (dBm) | Limit (dBm) | Verdi ct |
|---------------|----------|-----------|---------------------|----------------|-----------------|--------------|-------------|------------|-------------|----------|
| 11A           | Ant1     | 5180      | 9.30                | 97.20          | 0.12            | 9.42         | ≤23.98      | 7.98       | 23.01       | PASS     |
|               | Ant2     | 5180      | 8.21                | 97.20          | 0.12            | 8.33         | ≤23.98      | 7.10       | 23.01       | PASS     |
|               | Ant1     | 5200      | 9.50                | 97.90          | 0.09            | 9.59         | ≤23.98      | 8.15       | 23.01       | PASS     |
|               | Ant2     | 5200      | 8.81                | 97.90          | 0.09            | 8.90         | ≤23.98      | 7.67       | 23.01       | PASS     |
|               | Ant1     | 5240      | 9.96                | 97.89          | 0.09            | 10.05        | ≤23.98      | 8.61       | 23.01       | PASS     |
|               | Ant2     | 5240      | 8.29                | 97.90          | 0.09            | 8.38         | ≤23.98      | 7.15       | 23.01       | PASS     |
|               | Ant1     | 5745      | 6.83                | 97.89          | 0.09            | 6.92         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5745      | 4.47                | 97.89          | 0.09            | 4.56         | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5785      | 8.01                | 97.20          | 0.12            | 8.13         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5785      | 4.91                | 97.90          | 0.09            | 5.00         | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5825      | 8.52                | 97.89          | 0.09            | 8.61         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5825      | 5.34                | 97.90          | 0.09            | 5.43         | ≤30.00      | /          | /           | PASS     |
| 11N 20M IMO   | Ant1     | 5180      | 11.76               | 97.74          | 0.10            | 11.86        | ≤23.98      | 10.42      | 23.01       | PASS     |
|               | Ant2     | 5180      | 5.35                | 97.76          | 0.10            | 5.45         | ≤23.98      | 4.22       | 23.01       | PASS     |
|               | total    | 5180      | ---                 | ---            | ---             | 12.75        | ≤23.98      | 11.35      | 23.01       | PASS     |
|               | Ant1     | 5200      | 11.83               | 97.01          | 0.13            | 11.96        | ≤23.98      | 10.52      | 23.01       | PASS     |
|               | Ant2     | 5200      | 8.72                | 97.76          | 0.10            | 8.82         | ≤23.98      | 7.59       | 23.01       | PASS     |
|               | total    | 5200      | ---                 | ---            | ---             | 13.68        | ≤23.98      | 12.31      | 23.01       | PASS     |
|               | Ant1     | 5240      | 11.59               | 97.74          | 0.10            | 11.69        | ≤23.98      | 10.25      | 23.01       | PASS     |
|               | Ant2     | 5240      | 8.41                | 97.01          | 0.13            | 8.54         | ≤23.98      | 7.31       | 23.01       | PASS     |
|               | total    | 5240      | ---                 | ---            | ---             | 13.40        | ≤23.98      | 11.35      | 23.01       | PASS     |
|               | Ant1     | 5745      | 8.25                | 97.74          | 0.10            | 8.35         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5745      | 4.62                | 97.01          | 0.13            | 4.75         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5745      | ---                 | ---            | ---             | 9.92         | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5785      | 8.20                | 96.27          | 0.17            | 8.37         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5785      | 2.96                | 97.01          | 0.13            | 3.09         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5785      | ---                 | ---            | ---             | 9.50         | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5825      | 8.61                | 97.74          | 0.10            | 8.71         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5825      | 5.35                | 97.01          | 0.13            | 5.48         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5825      | ---                 | ---            | ---             | 10.40        | ≤30.00      | /          | /           | PASS     |
| 11N 40M IMO   | Ant1     | 5190      | 12.04               | 95.59          | 0.20            | 12.24        | ≤23.98      | 10.80      | 23.01       | PASS     |
|               | Ant2     | 5190      | 8.67                | 95.59          | 0.20            | 8.87         | ≤23.98      | 7.64       | 23.01       | PASS     |
|               | total    | 5190      | ---                 | ---            | ---             | 13.88        | ≤23.98      | 12.51      | 23.01       | PASS     |
|               | Ant1     | 5230      | 11.79               | 94.20          | 0.26            | 12.05        | ≤23.98      | 10.61      | 23.01       | PASS     |
|               | Ant2     | 5230      | 4.44                | 94.12          | 0.26            | 4.70         | ≤23.98      | 3.47       | 23.01       | PASS     |
|               | total    | 5230      | ---                 | ---            | ---             | 12.78        | ≤23.98      | 11.38      | 23.01       | PASS     |
|               | Ant1     | 5755      | 6.57                | 95.59          | 0.20            | 6.77         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5755      | 0.38                | 95.59          | 0.20            | 0.58         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5755      | ---                 | ---            | ---             | 7.71         | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5795      | 7.99                | 94.20          | 0.26            | 8.25         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5795      | 0.72                | 95.59          | 0.20            | 0.92         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5795      | ---                 | ---            | ---             | 8.99         | ≤30.00      | /          | /           | PASS     |
| 11A C20 MIM O | Ant1     | 5180      | 9.48                | 96.30          | 0.16            | 9.64         | ≤23.98      | 8.20       | 23.01       | PASS     |
|               | Ant2     | 5180      | 9.83                | 77.78          | 1.09            | 10.92        | ≤23.98      | 9.69       | 23.01       | PASS     |
|               | total    | 5180      | ---                 | ---            | ---             | 13.34        | ≤23.98      | 12.02      | 23.01       | PASS     |
|               | Ant1     | 5200      | 8.43                | 96.30          | 0.16            | 8.59         | ≤23.98      | 7.15       | 23.01       | PASS     |
|               | Ant2     | 5200      | 9.98                | 78.95          | 1.03            | 11.01        | ≤23.98      | 9.78       | 23.01       | PASS     |
|               | total    | 5200      | ---                 | ---            | ---             | 12.98        | ≤23.98      | 11.67      | 23.01       | PASS     |
|               | Ant1     | 5240      | 8.37                | 97.04          | 0.13            | 8.50         | ≤23.98      | 7.06       | 23.01       | PASS     |
|               | Ant2     | 5240      | 9.71                | 78.95          | 1.03            | 10.74        | ≤23.98      | 9.51       | 23.01       | PASS     |
|               | total    | 5240      | ---                 | ---            | ---             | 12.77        | ≤23.98      | 11.47      | 23.01       | PASS     |
|               | Ant1     | 5745      | 6.78                | 96.30          | 0.16            | 6.94         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5745      | 6.96                | 78.95          | 1.03            | 7.99         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5745      | ---                 | ---            | ---             | 10.51        | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5785      | 6.97                | 97.04          | 0.13            | 7.10         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5785      | 7.32                | 78.95          | 1.03            | 8.35         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5785      | ---                 | ---            | ---             | 10.78        | ≤30.00      | /          | /           | PASS     |
|               | Ant1     | 5825      | 7.55                | 97.04          | 0.13            | 7.68         | ≤30.00      | /          | /           | PASS     |
|               | Ant2     | 5825      | 7.36                | 78.95          | 1.03            | 8.39         | ≤30.00      | /          | /           | PASS     |
|               | total    | 5825      | ---                 | ---            | ---             | 11.06        | ≤30.00      | /          | /           | PASS     |

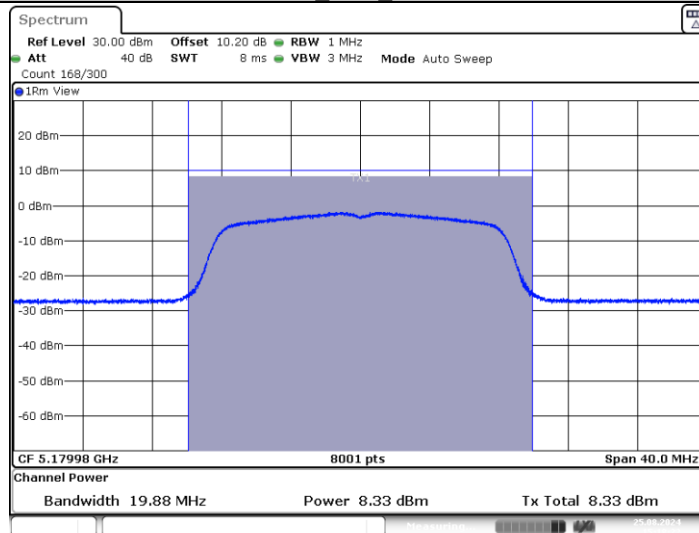
|                |       |      |       |       |      |              |        |       |       |      |
|----------------|-------|------|-------|-------|------|--------------|--------|-------|-------|------|
| 11AC40MIM<br>O | Ant1  | 5190 | 11.02 | 94.20 | 0.26 | 11.28        | ≤23.98 | 9.84  | 23.01 | PASS |
|                | Ant2  | 5190 | 9.41  | 69.23 | 1.60 | 11.01        | ≤23.98 | 9.78  | 23.01 | PASS |
|                | total | 5190 | ---   | ---   | ---  | <b>14.16</b> | ≤23.98 | 12.82 | 23.01 | PASS |
|                | Ant1  | 5230 | 7.10  | 94.20 | 0.26 | 7.36         | ≤23.98 | 5.92  | 23.01 | PASS |
|                | Ant2  | 5230 | 9.86  | 69.23 | 1.60 | 11.46        | ≤23.98 | 10.23 | 23.01 | PASS |
|                | total | 5230 | ---   | ---   | ---  | 12.89        | ≤23.98 | 11.60 | 23.01 | PASS |
|                | Ant1  | 5755 | 3.51  | 94.20 | 0.26 | 3.77         | ≤30.00 | /     | /     | PASS |
|                | Ant2  | 5755 | 6.15  | 75.00 | 1.25 | 7.40         | ≤30.00 | /     | /     | PASS |
|                | total | 5755 | ---   | ---   | ---  | 8.96         | ≤30.00 | /     | /     | PASS |
|                | Ant1  | 5795 | 4.33  | 94.20 | 0.26 | 4.59         | ≤30.00 | /     | /     | PASS |
| 11AC80MIM<br>O | Ant2  | 5795 | 6.66  | 69.23 | 1.60 | 8.26         | ≤30.00 | /     | /     | PASS |
|                | total | 5795 | ---   | ---   | ---  | 9.81         | ≤30.00 | /     | /     | PASS |
|                | Ant1  | 5210 | 6.81  | 88.89 | 0.51 | 7.32         | ≤23.98 | 5.88  | 23.01 | PASS |
|                | Ant2  | 5210 | 8.72  | 59.49 | 2.26 | 10.98        | ≤23.98 | 9.75  | 23.01 | PASS |
|                | total | 5210 | ---   | ---   | ---  | 12.53        | ≤23.98 | 11.24 | 23.01 | PASS |
|                | Ant1  | 5775 | 1.99  | 91.67 | 0.38 | 2.37         | ≤30.00 | /     | /     | PASS |
|                | Ant2  | 5775 | 5.81  | 63.64 | 1.96 | 7.77         | ≤30.00 | /     | /     | PASS |
|                | total | 5775 | ---   | ---   | ---  | 8.87         | ≤30.00 | /     | /     | PASS |

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

## 11A\_Ant1\_5180



## 11A\_Ant2\_5180



## 11A\_Ant1\_5200

