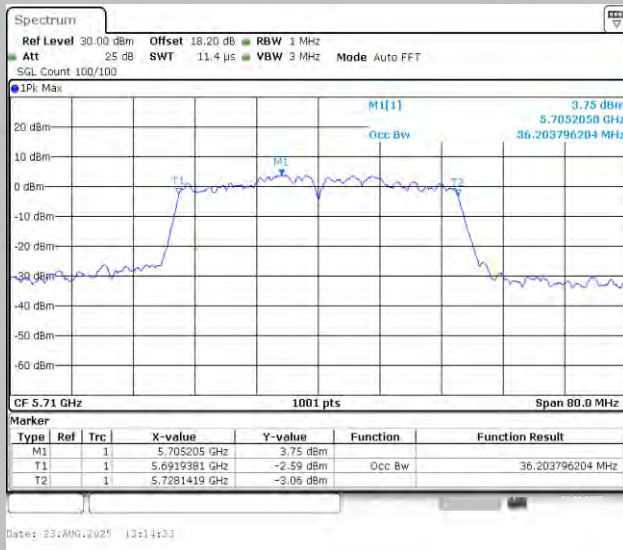
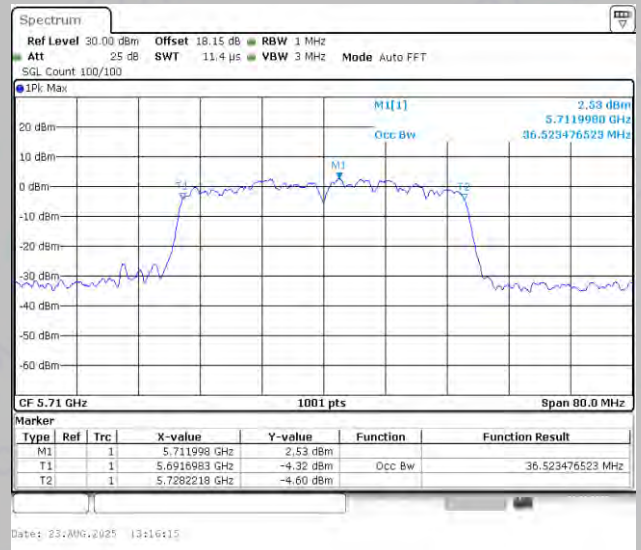
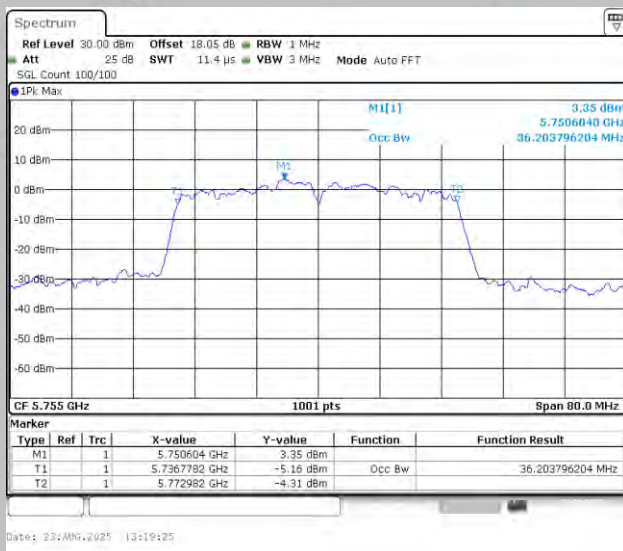




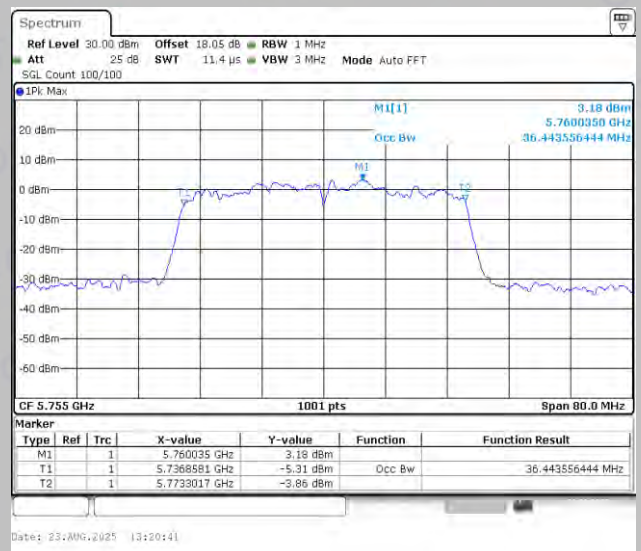
11N40MIMO-Ant1-5710



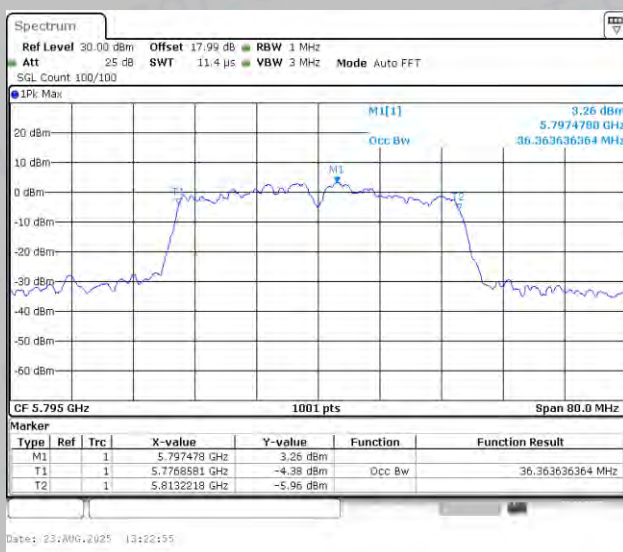
11N40MIMO-Ant2-5710



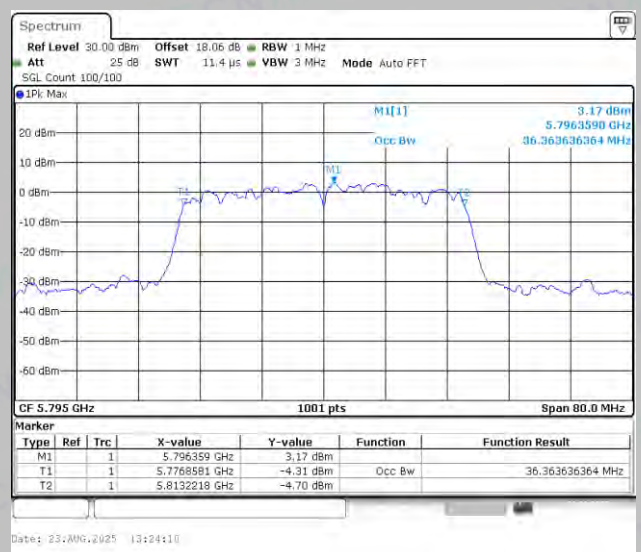
11N40MIMO-Ant1-5755



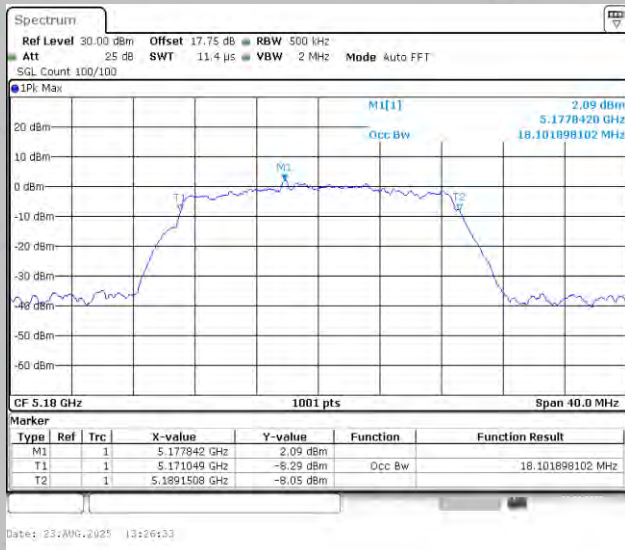
11N40MIMO-Ant2-5755



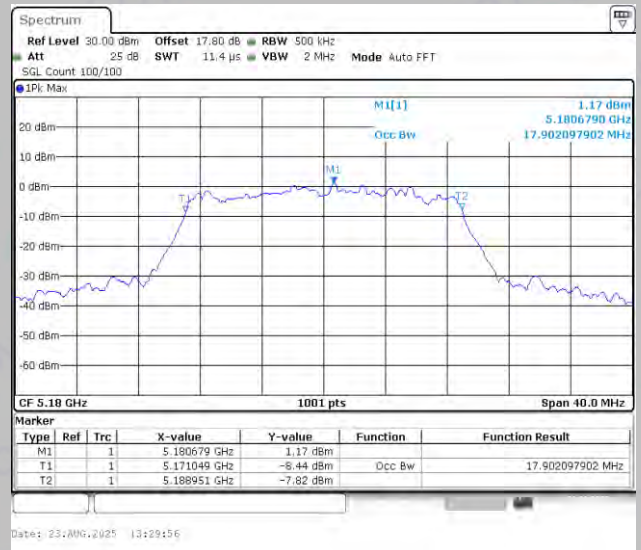
11N40MIMO-Ant1-5795



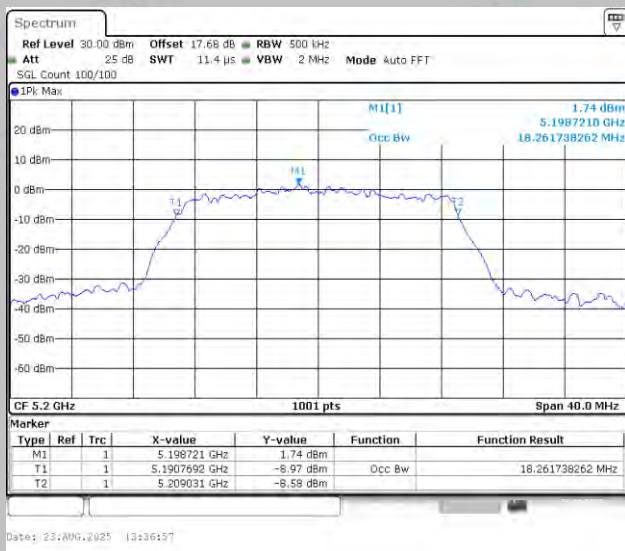
11N40MIMO-Ant2-5795



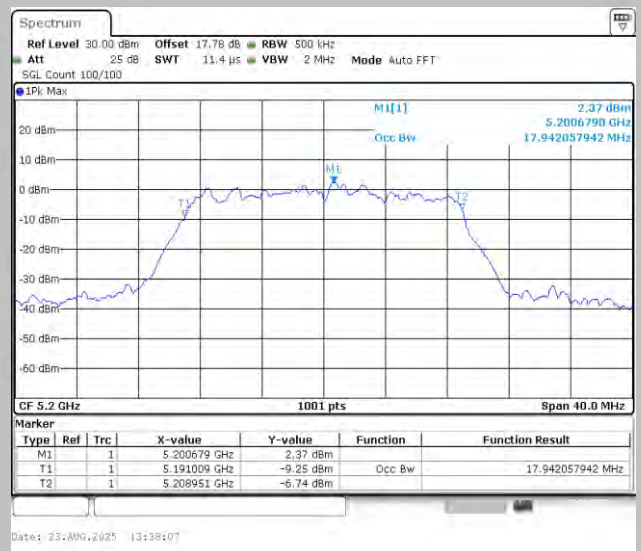
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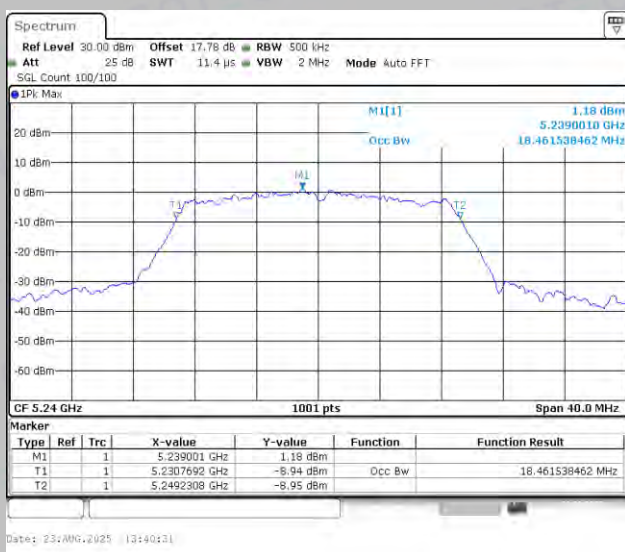
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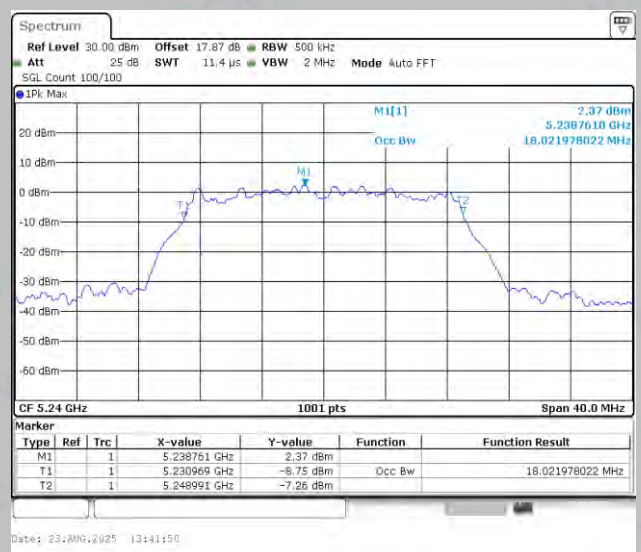
11AC20MIMO-Ant1-5200



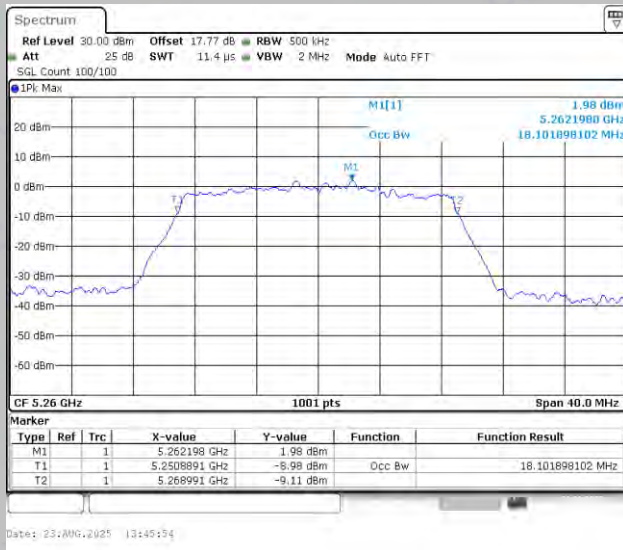
11AC20MIMO-Ant2-5200



11AC20MIMO-Ant1-5240



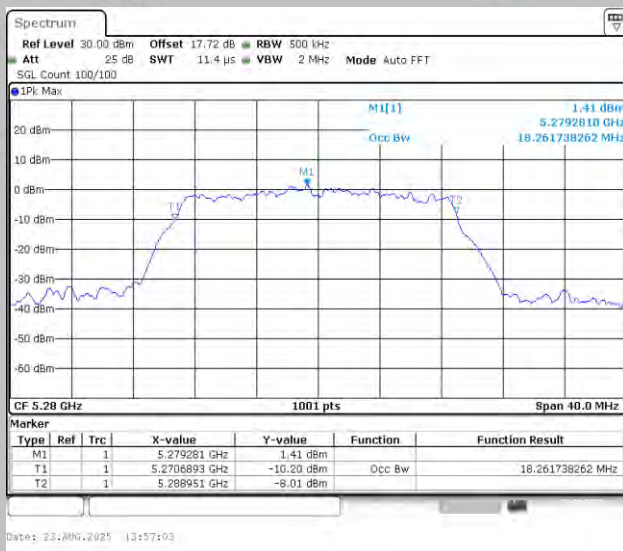
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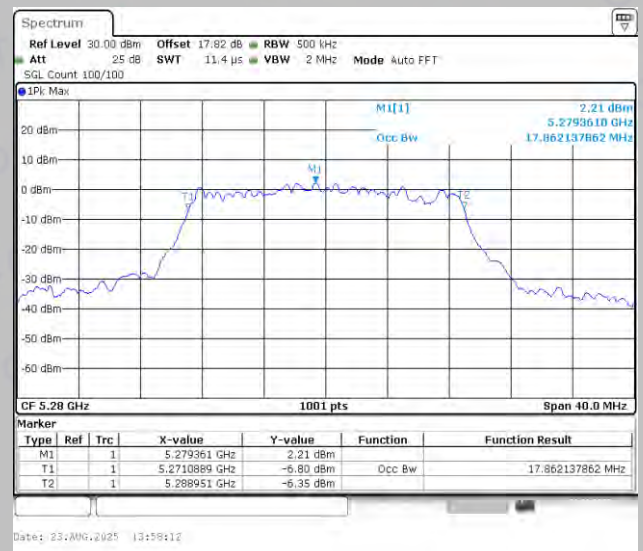
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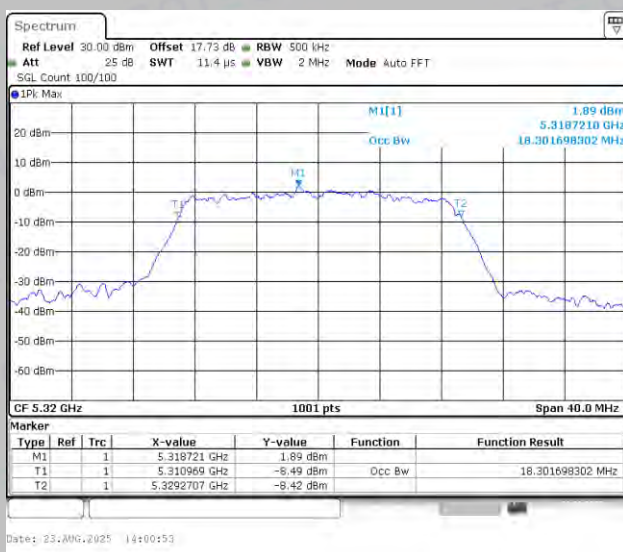
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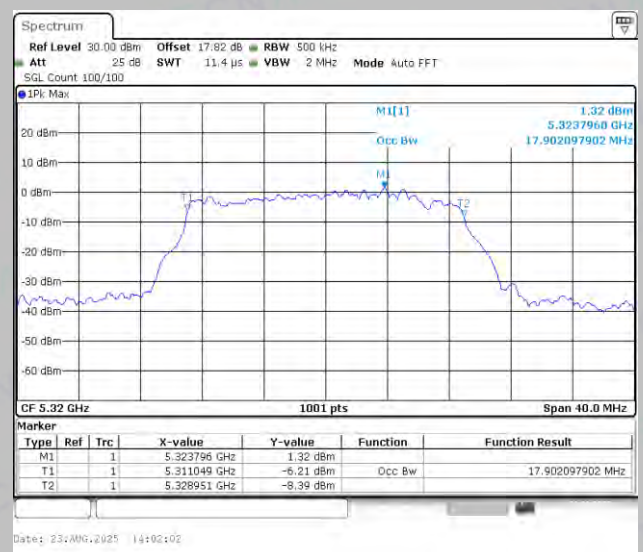
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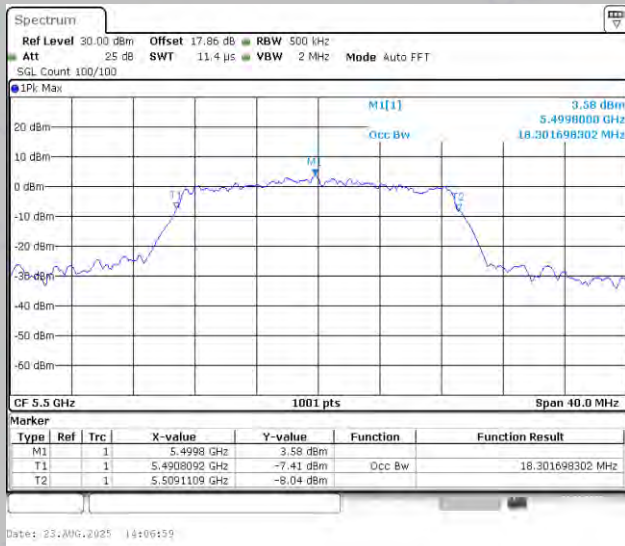
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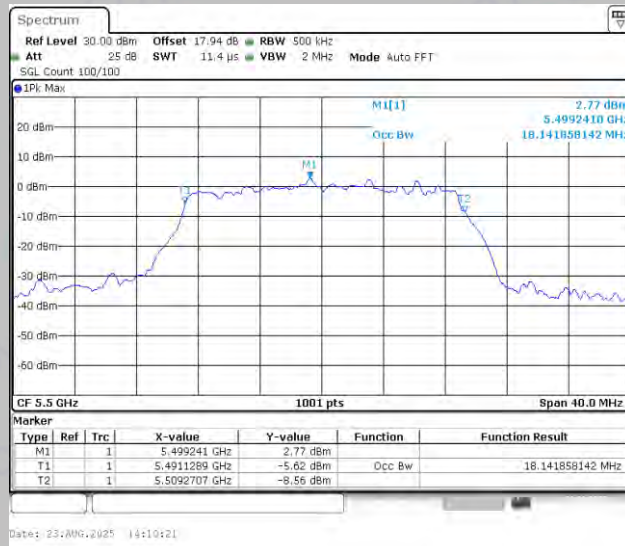
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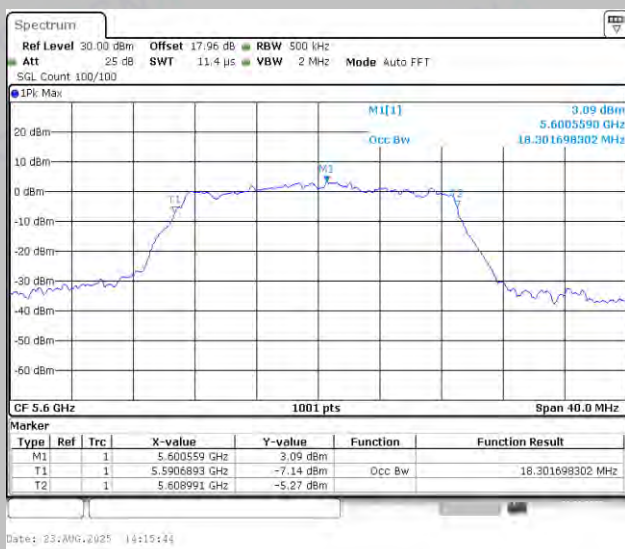
11AC20MIMO-Ant2-5320



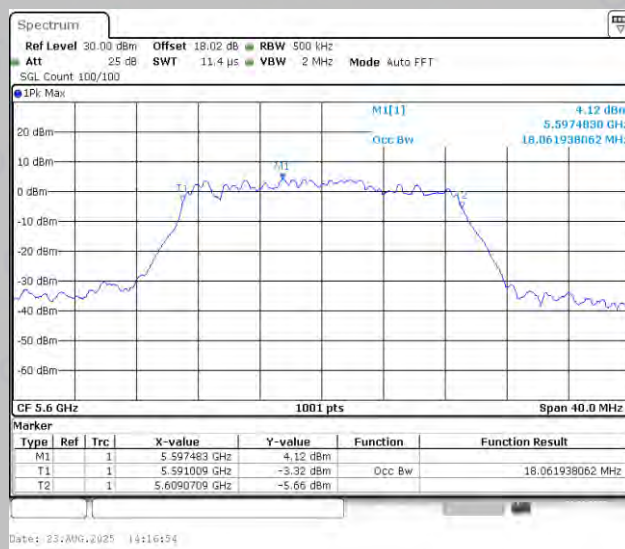
11AC20MIMO-Ant1-5500



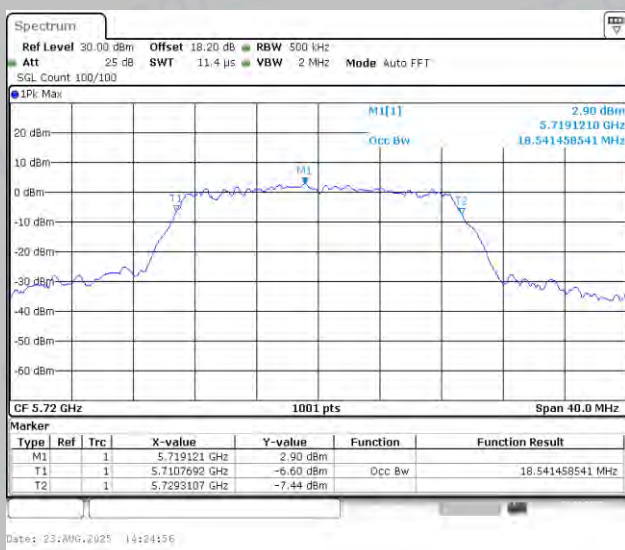
11AC20MIMO-Ant2-5500



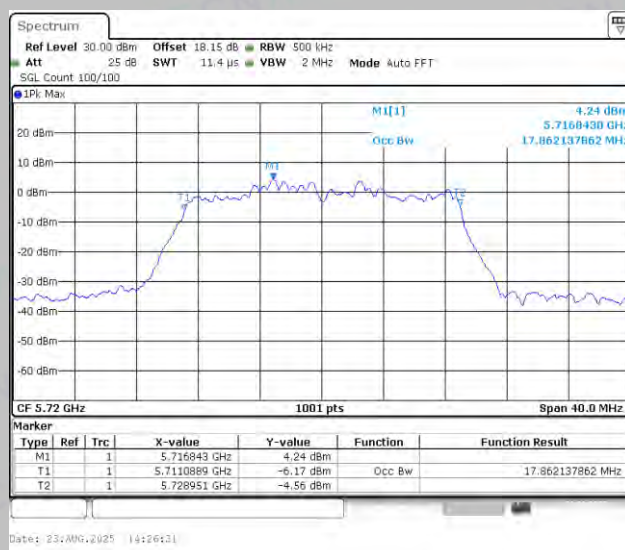
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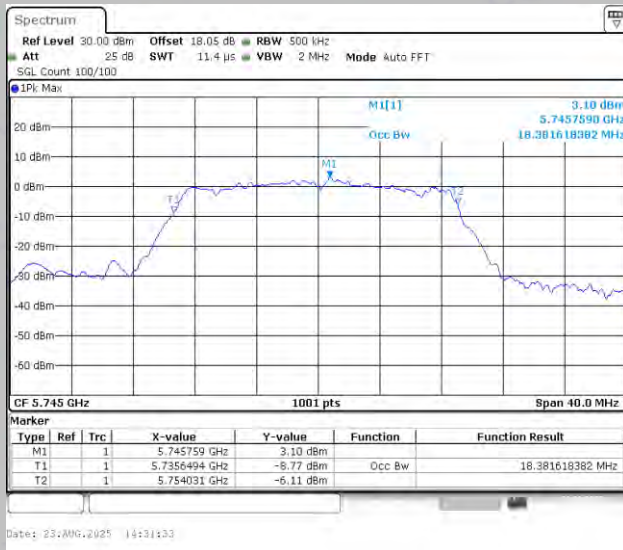
11AC20MIMO-Ant2-5600



11AC20MIMO-Ant1-5720



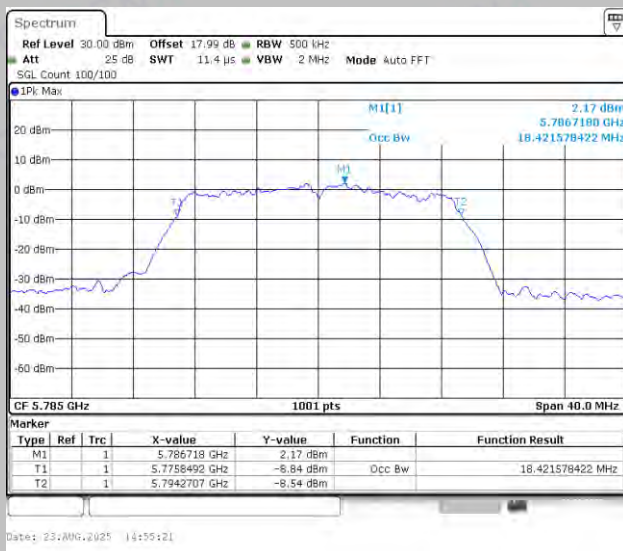
11AC20MIMO-Ant2-5720



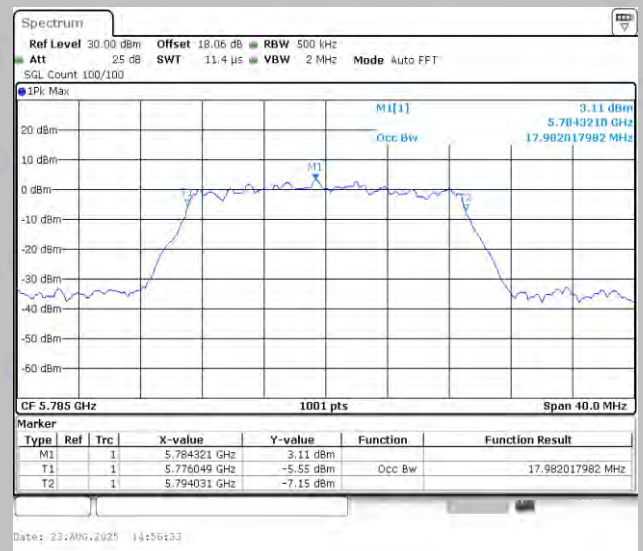
11AC20MIMO-Ant1-5745



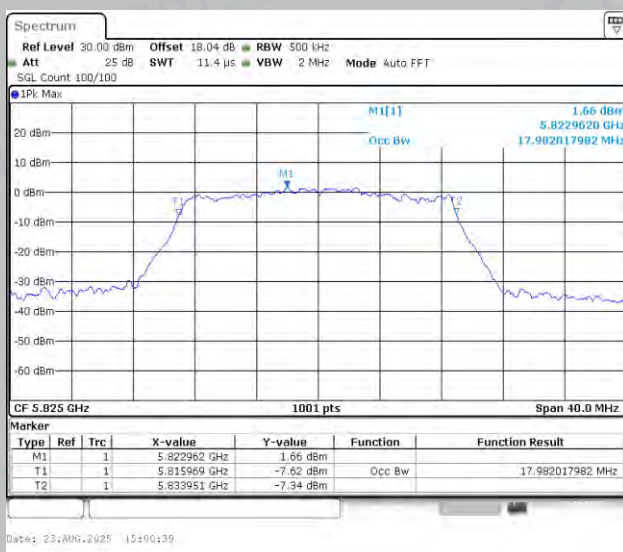
11AC20MIMO-Ant2-5745



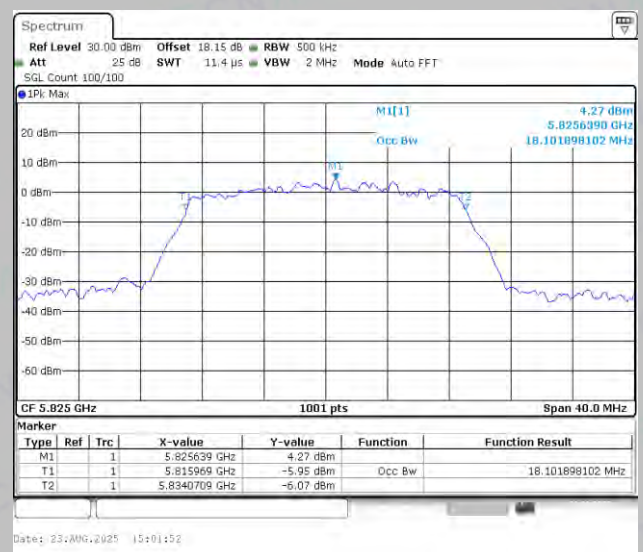
11AC20MIMO-Ant1-5785



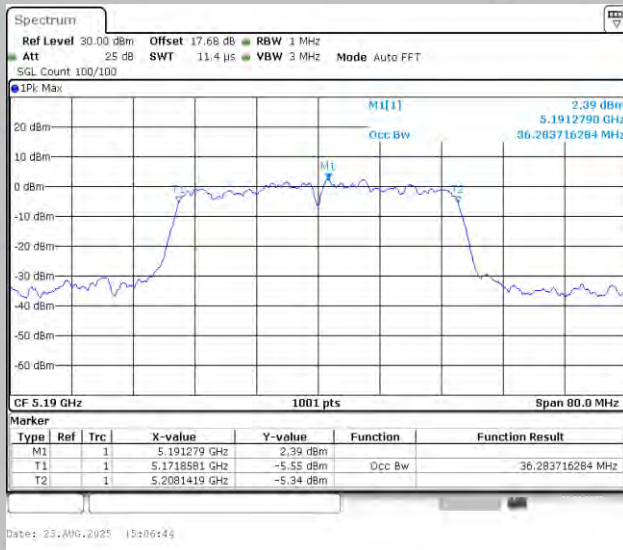
11AC20MIMO-Ant2-5785



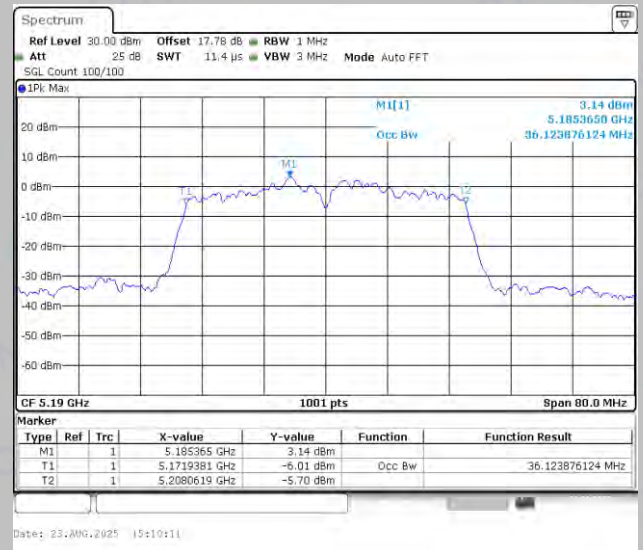
11AC20MIMO-Ant1-5825



11AC20MIMO-Ant2-5825



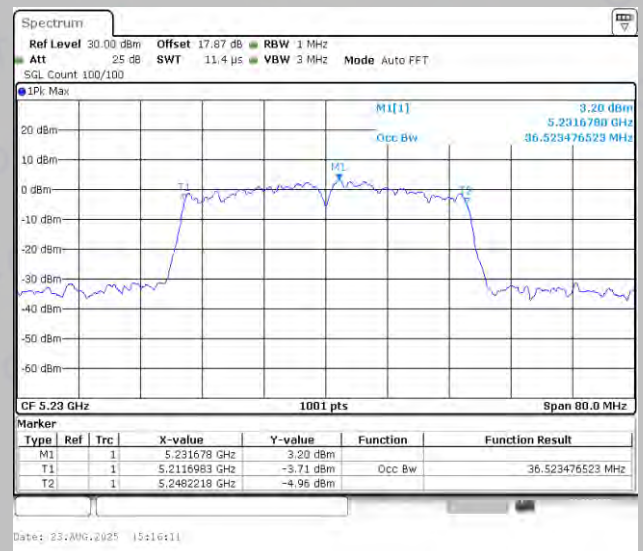
11AC40MIMO-Ant1-5190



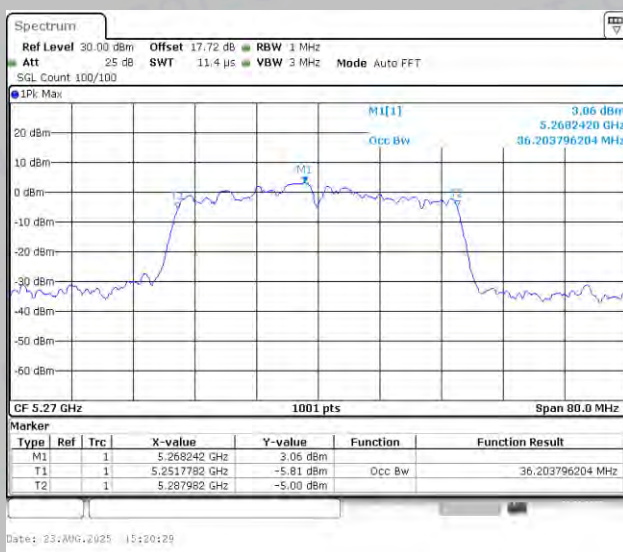
11AC40MIMO-Ant2-5190



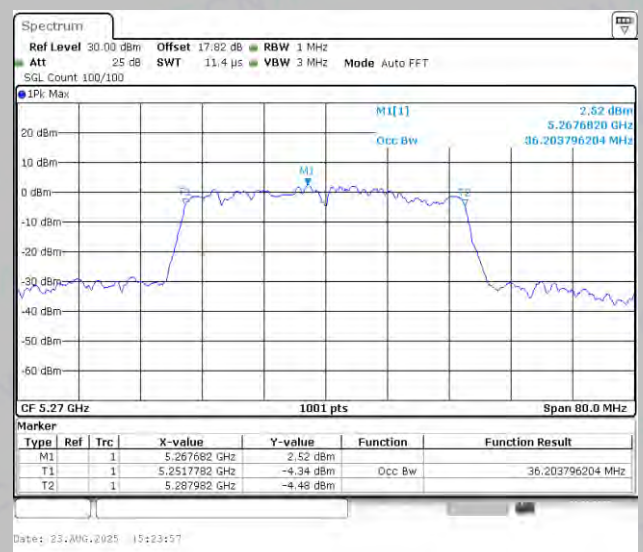
11AC40MIMO-Ant1-5230



11AC40MIMO-Ant2-5230



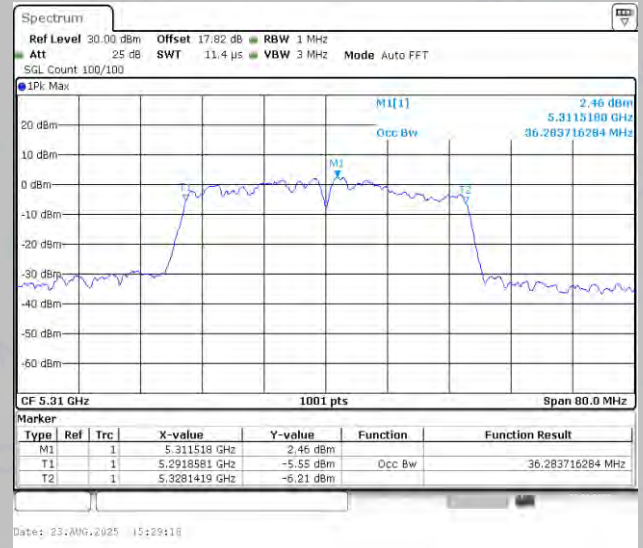
11AC40MIMO-Ant1-5270



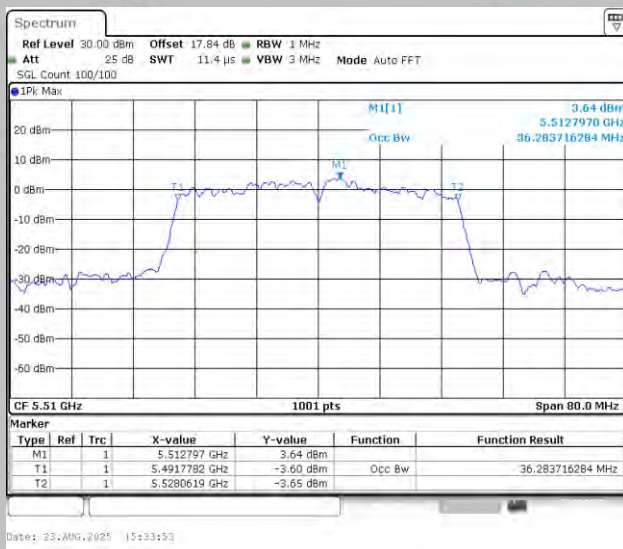
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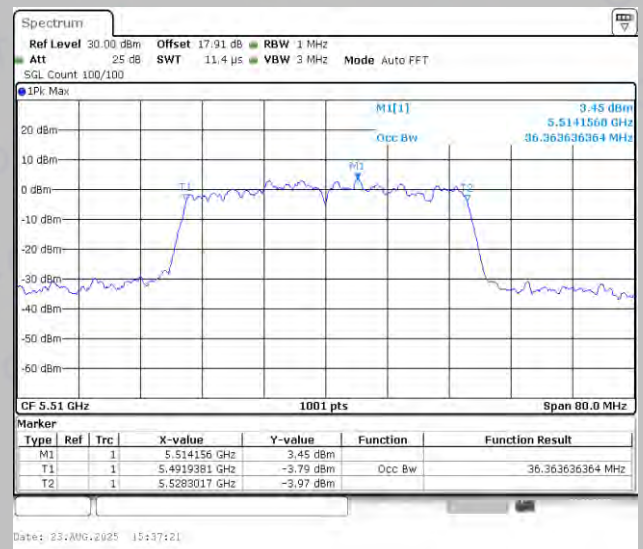
11AC40MIMO-Ant1-5310



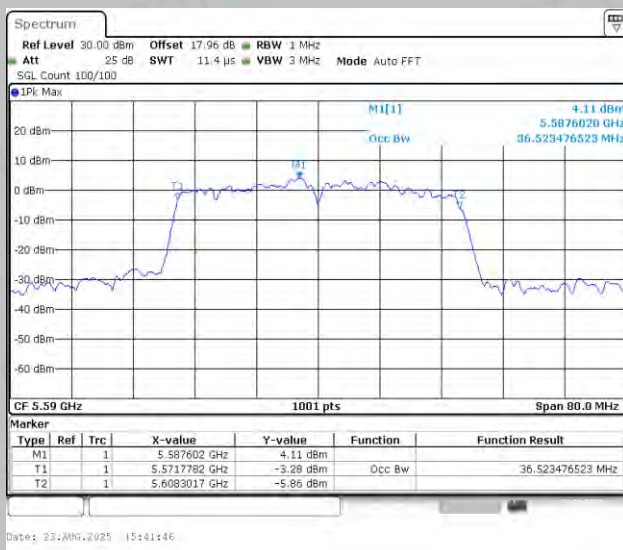
11AC40MIMO-Ant2-5310



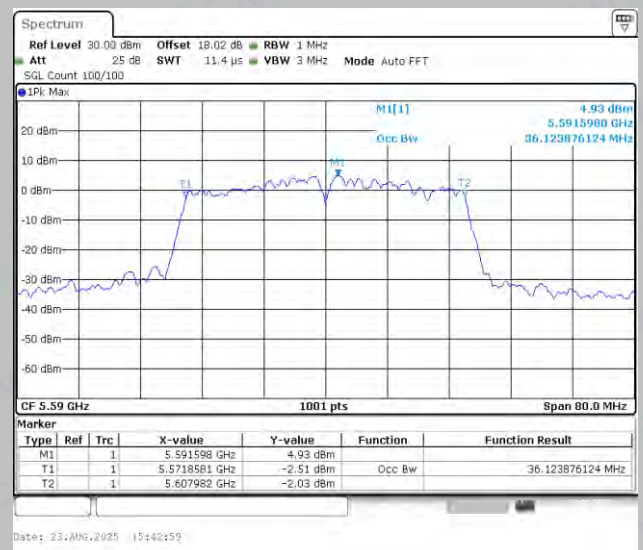
11AC40MIMO-Ant1-5510



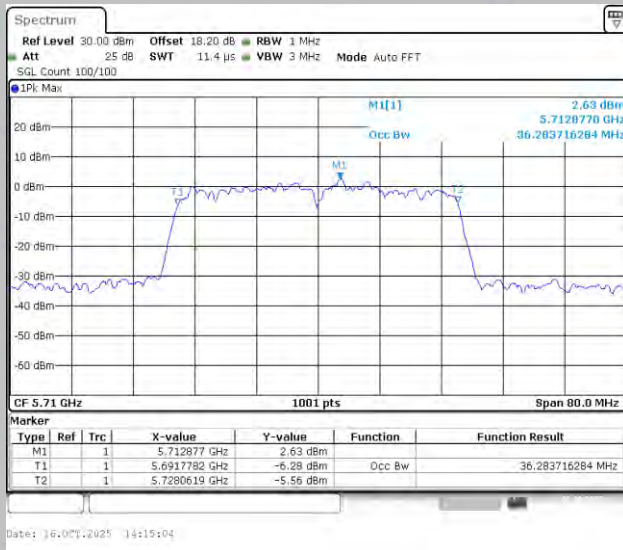
11AC40MIMO-Ant2-5510



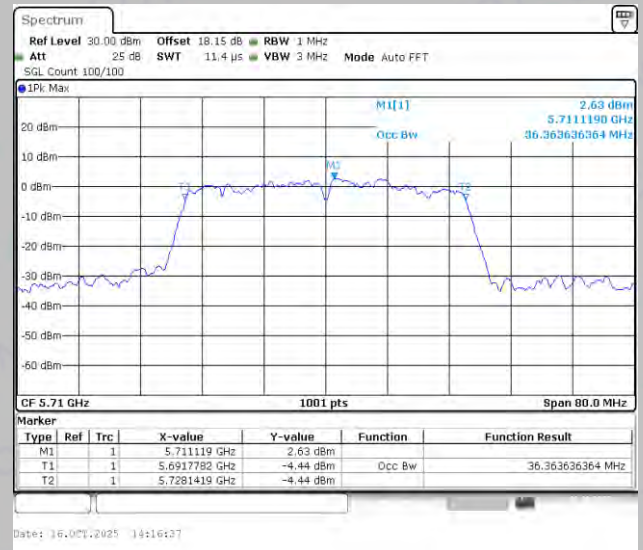
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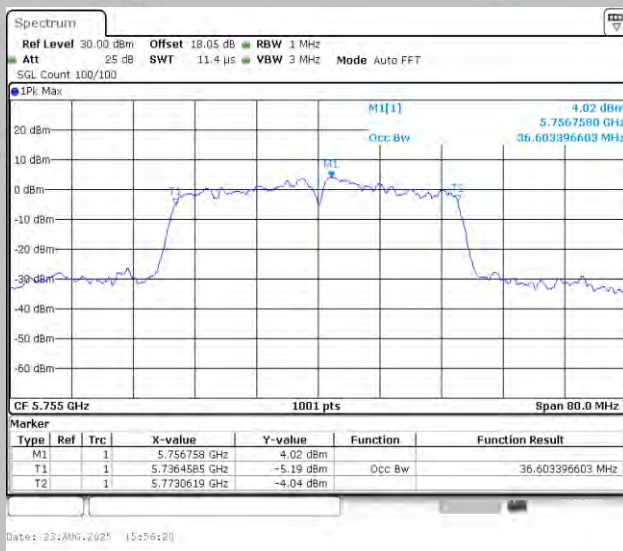
11AC40MIMO-Ant2-5590



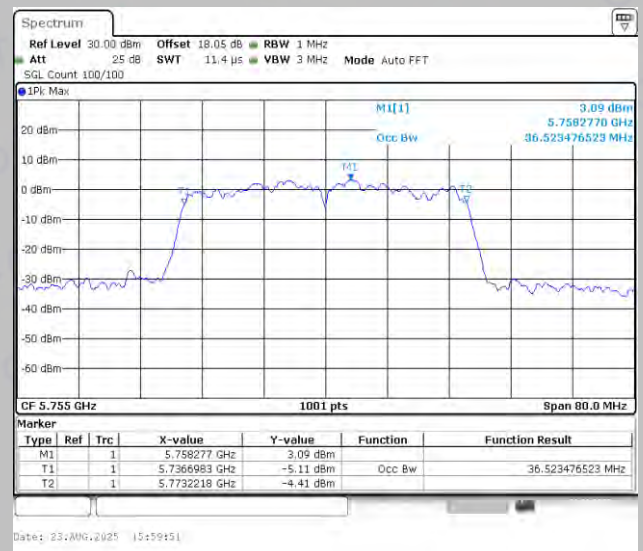
11AC40MIMO-Ant1-5710



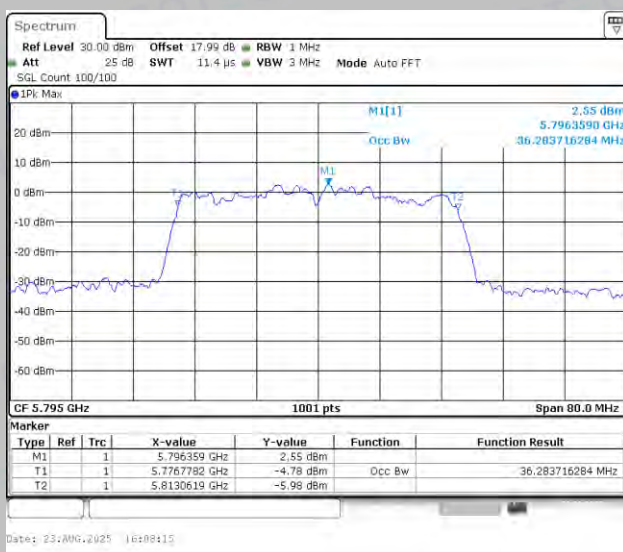
11AC40MIMO-Ant2-5710



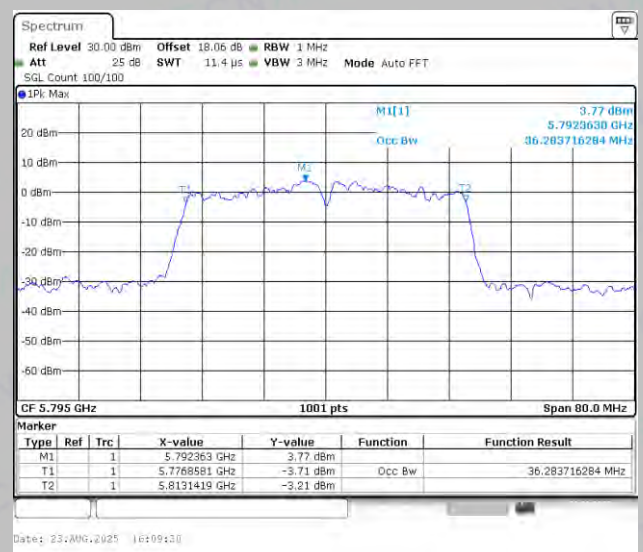
11AC40MIMO-Ant1-5755



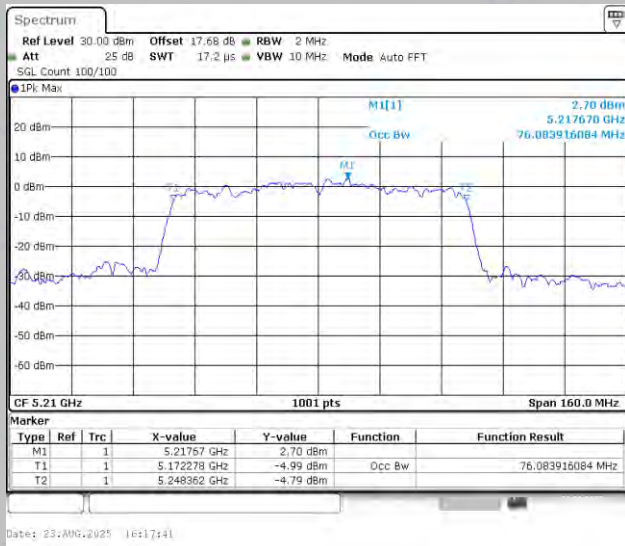
11AC40MIMO-Ant2-5755



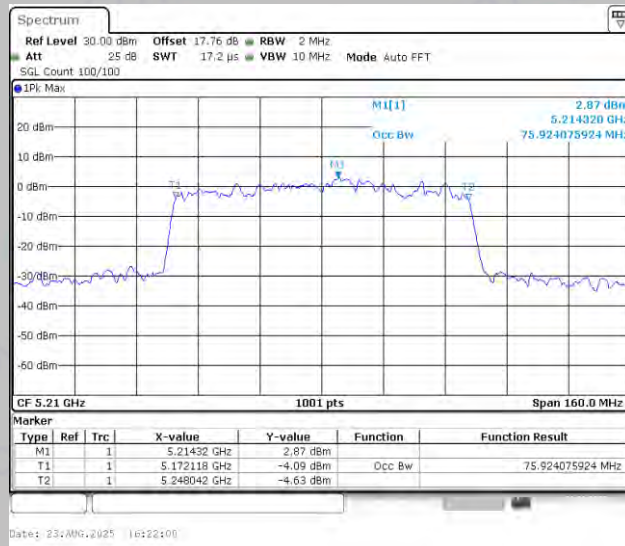
11AC40MIMO-Ant1-5795



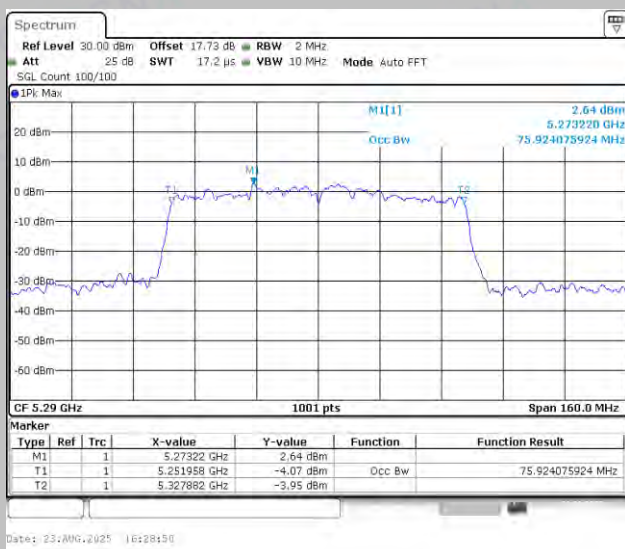
11AC40MIMO-Ant2-5795



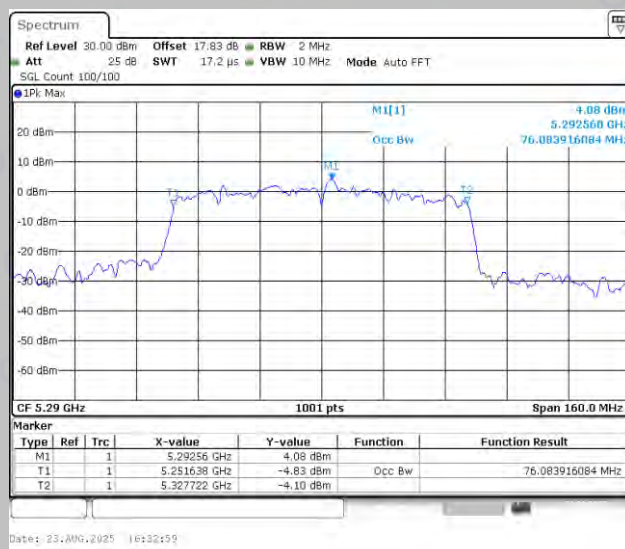
11AC80MIMO-Ant1-5210



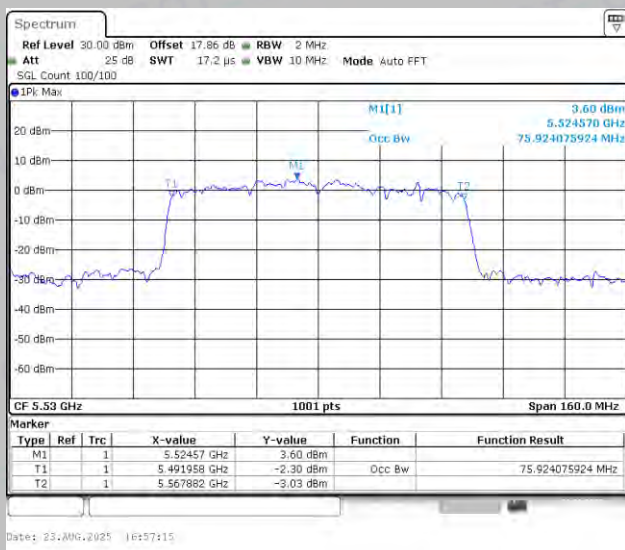
11AC80MIMO-Ant2-5210



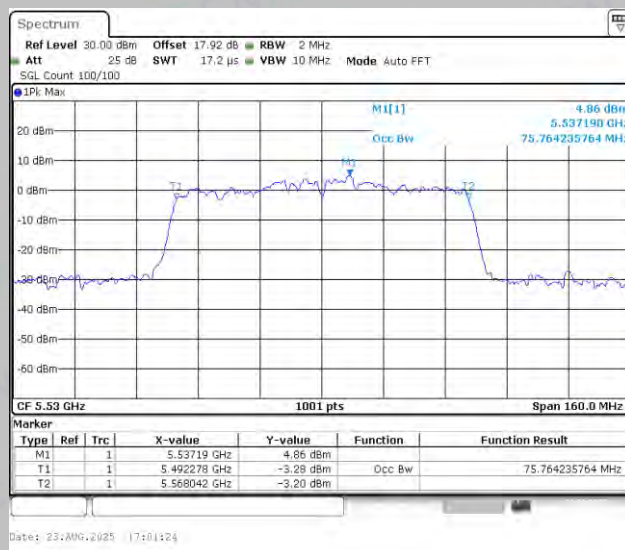
11AC80MIMO-Ant1-5290



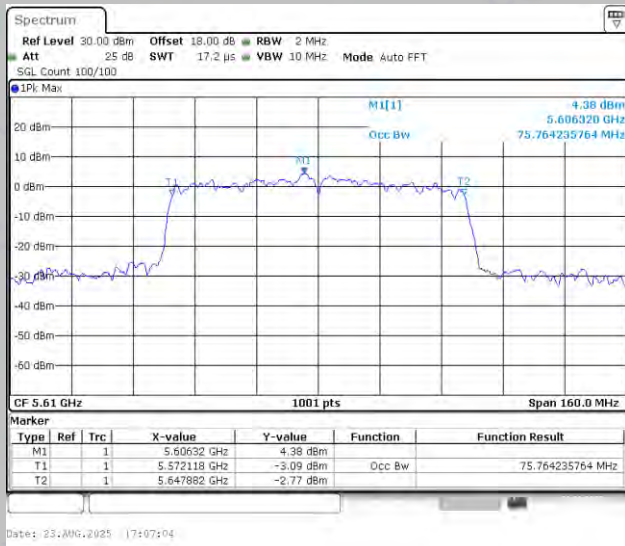
11AC80MIMO-Ant2-5290



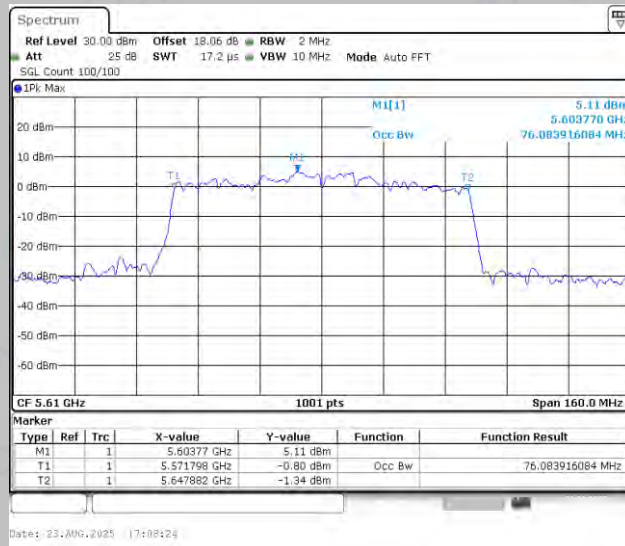
11AC80MIMO-Ant1-5530



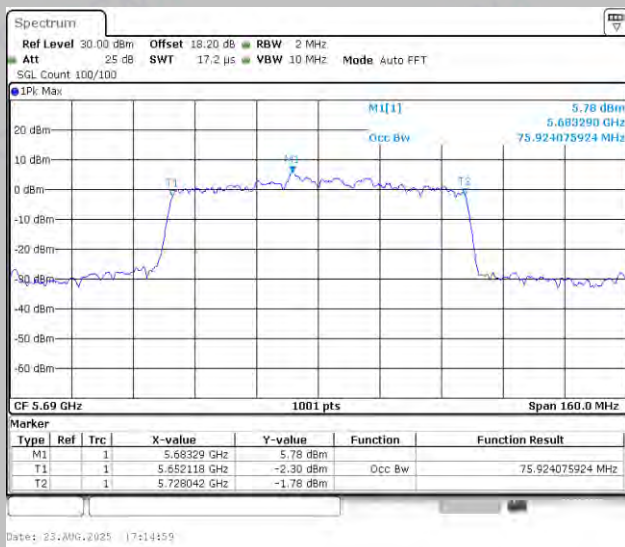
11AC80MIMO-Ant2-5530



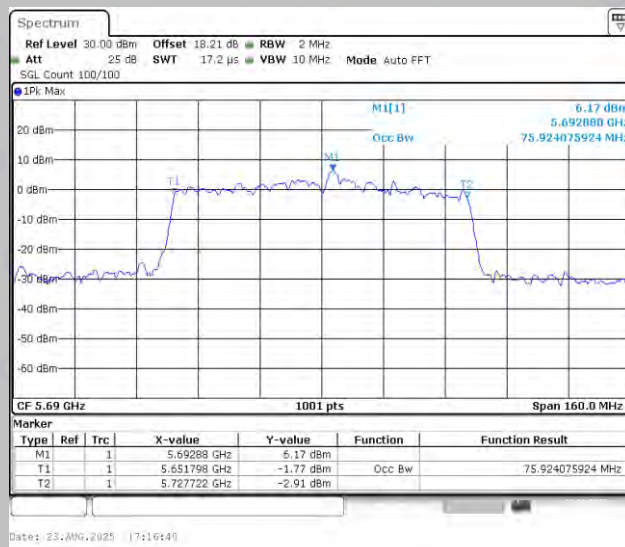
11AC80MIMO-Ant1-5610



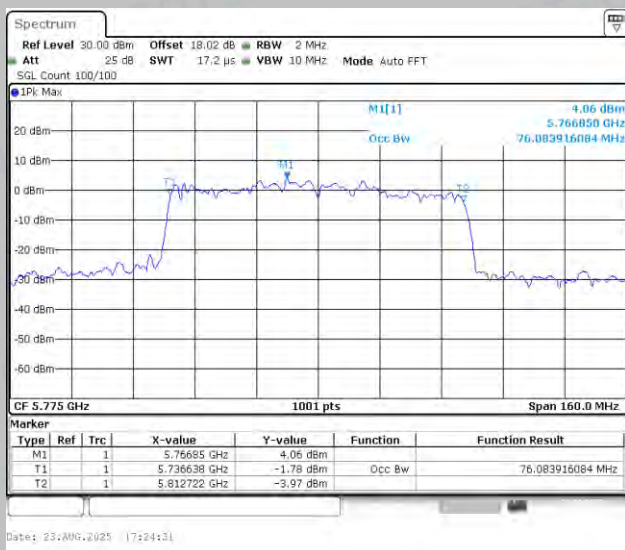
11AC80MIMO-Ant2-5610



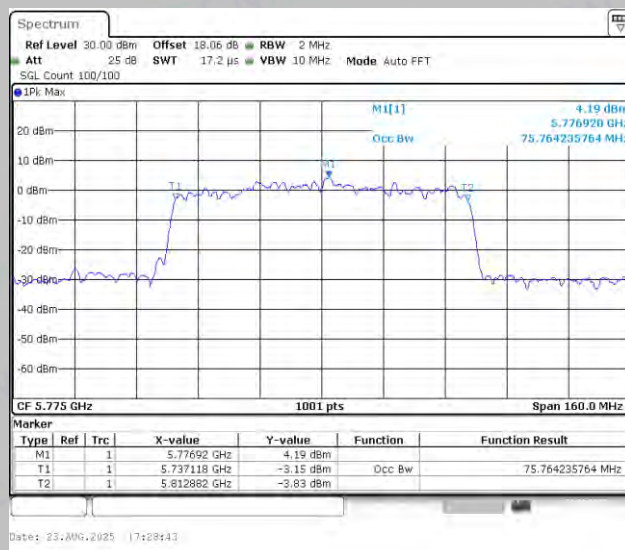
11AC80MIMO-Ant1-5690



11AC80MIMO-Ant2-5690



11AC80MIMO-Ant1-5775



11AC80MIMO-Ant2-5775

### 3: Min emission bandwidth

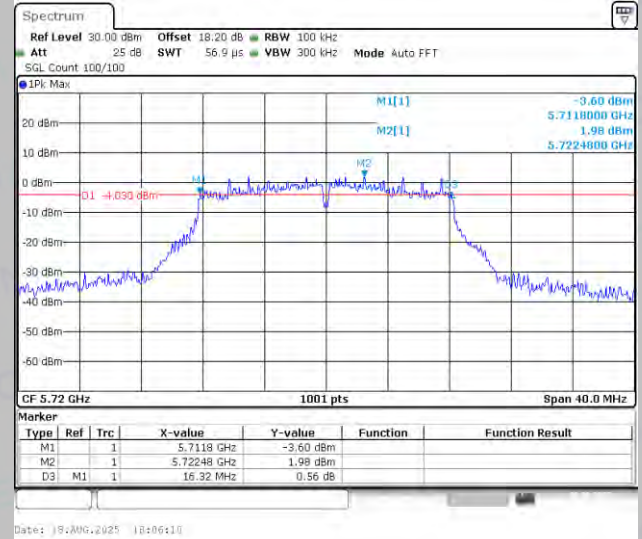
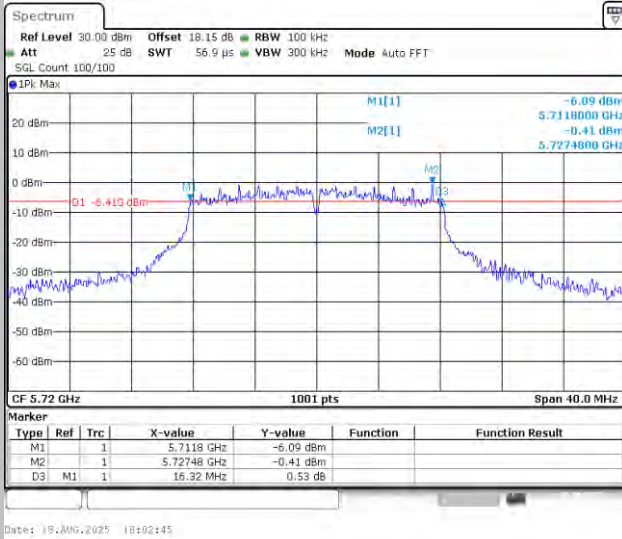
#### 3.1 Test Result-B4

| TestMode   | Antenna | Frequency[MHz] | 6dB EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|---------|---------|------------|---------|
| 11A        | Ant2    | 5720           | 16.32         | 5711.80 | 5728.12 | ---        | ---     |
| 11A        | Ant1    | 5720           | 16.32         | 5711.80 | 5728.12 | ---        | ---     |
| 11A        | Ant2    | 5720_UNII-2C   | 13.2          | 5711.80 | 5725    | ---        | ---     |
| 11A        | Ant1    | 5720_UNII-2C   | 13.2          | 5711.80 | 5725    | ---        | ---     |
| 11A        | Ant2    | 5720_UNII-3    | 3.12          | 5725    | 5728.12 | 0.5        | PASS    |
| 11A        | Ant1    | 5720_UNII-3    | 3.12          | 5725    | 5728.12 | 0.5        | PASS    |
| 11A        | Ant1    | 5745           | 16.04         | 5736.84 | 5752.88 | 0.5        | PASS    |
| 11A        | Ant2    | 5745           | 16.32         | 5736.84 | 5753.16 | 0.5        | PASS    |
| 11A        | Ant1    | 5785           | 16.04         | 5776.84 | 5792.88 | 0.5        | PASS    |
| 11A        | Ant2    | 5785           | 16.28         | 5776.84 | 5793.12 | 0.5        | PASS    |
| 11A        | Ant2    | 5825           | 16.40         | 5816.80 | 5833.20 | 0.5        | PASS    |
| 11A        | Ant1    | 5825           | 16.28         | 5816.84 | 5833.12 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5720           | 17.60         | 5711.20 | 5728.80 | ---        | ---     |
| 11N20MIMO  | Ant2    | 5720           | 17.56         | 5711.20 | 5728.76 | ---        | ---     |
| 11N20MIMO  | Ant1    | 5720_UNII-2C   | 13.8          | 5711.20 | 5725    | ---        | ---     |
| 11N20MIMO  | Ant2    | 5720_UNII-2C   | 13.8          | 5711.20 | 5725    | ---        | ---     |
| 11N20MIMO  | Ant1    | 5720_UNII-3    | 3.8           | 5725    | 5728.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5720_UNII-3    | 3.76          | 5725    | 5728.76 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5745           | 17.56         | 5736.20 | 5753.76 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5745           | 17.60         | 5736.20 | 5753.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5785           | 17.56         | 5776.20 | 5793.76 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5785           | 17.60         | 5776.20 | 5793.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5825           | 17.60         | 5816.20 | 5833.80 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5825           | 17.56         | 5816.24 | 5833.80 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5710           | 35.44         | 5692.48 | 5727.92 | ---        | ---     |
| 11N40MIMO  | Ant2    | 5710           | 36.32         | 5691.84 | 5728.16 | ---        | ---     |
| 11N40MIMO  | Ant1    | 5710_UNII-2C   | 32.52         | 5692.48 | 5725    | ---        | ---     |
| 11N40MIMO  | Ant2    | 5710_UNII-2C   | 33.16         | 5691.84 | 5725    | ---        | ---     |
| 11N40MIMO  | Ant1    | 5710_UNII-3    | 2.92          | 5725    | 5727.92 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 5710_UNII-3    | 3.16          | 5725    | 5728.16 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5755           | 35.76         | 5736.84 | 5772.60 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 5755           | 35.92         | 5737.24 | 5773.16 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5795           | 35.68         | 5776.84 | 5812.52 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 5795           | 36.32         | 5776.84 | 5813.16 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5720           | 17.60         | 5711.20 | 5728.80 | ---        | ---     |
| 11AC20MIMO | Ant2    | 5720           | 17.60         | 5711.20 | 5728.80 | ---        | ---     |
| 11AC20MIMO | Ant1    | 5720_UNII-2C   | 13.8          | 5711.20 | 5725    | ---        | ---     |
| 11AC20MIMO | Ant2    | 5720_UNII-2C   | 13.8          | 5711.20 | 5725    | ---        | ---     |
| 11AC20MIMO | Ant1    | 5720_UNII-3    | 3.8           | 5725    | 5728.80 | 0.5        | PASS    |
| 11AC20MIMO | Ant2    | 5720_UNII-3    | 3.8           | 5725    | 5728.80 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5745           | 17.60         | 5736.20 | 5753.80 | 0.5        | PASS    |
| 11AC20MIMO | Ant2    | 5745           | 17.60         | 5736.20 | 5753.80 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5785           | 17.60         | 5776.20 | 5793.80 | 0.5        | PASS    |

|            |      |              |       |         |         |     |      |
|------------|------|--------------|-------|---------|---------|-----|------|
| 11AC20MIMO | Ant2 | 5785         | 17.60 | 5776.20 | 5793.80 | 0.5 | PASS |
| 11AC20MIMO | Ant1 | 5825         | 17.60 | 5816.20 | 5833.80 | 0.5 | PASS |
| 11AC20MIMO | Ant2 | 5825         | 17.60 | 5816.20 | 5833.80 | 0.5 | PASS |
| 11AC40MIMO | Ant1 | 5710         | 35.76 | 5691.84 | 5727.60 | --- | ---  |
| 11AC40MIMO | Ant2 | 5710         | 36.32 | 5691.84 | 5728.16 | --- | ---  |
| 11AC40MIMO | Ant1 | 5710_UNII-2C | 33.16 | 5691.84 | 5725    | --- | ---  |
| 11AC40MIMO | Ant2 | 5710_UNII-2C | 33.16 | 5691.84 | 5725    | --- | ---  |
| 11AC40MIMO | Ant1 | 5710_UNII-3  | 2.6   | 5725    | 5727.60 | 0.5 | PASS |
| 11AC40MIMO | Ant2 | 5710_UNII-3  | 3.16  | 5725    | 5728.16 | 0.5 | PASS |
| 11AC40MIMO | Ant1 | 5755         | 36.32 | 5736.84 | 5773.16 | 0.5 | PASS |
| 11AC40MIMO | Ant2 | 5755         | 36.32 | 5736.84 | 5773.16 | 0.5 | PASS |
| 11AC40MIMO | Ant1 | 5795         | 35.52 | 5777.08 | 5812.60 | 0.5 | PASS |
| 11AC40MIMO | Ant2 | 5795         | 36.32 | 5776.84 | 5813.16 | 0.5 | PASS |
| 11AC80MIMO | Ant1 | 5690         | 68.96 | 5658.64 | 5727.60 | --- | ---  |
| 11AC80MIMO | Ant2 | 5690         | 75.84 | 5651.76 | 5727.60 | --- | ---  |
| 11AC80MIMO | Ant1 | 5690_UNII-2C | 66.36 | 5658.64 | 5725    | --- | ---  |
| 11AC80MIMO | Ant2 | 5690_UNII-2C | 73.24 | 5651.76 | 5725    | --- | ---  |
| 11AC80MIMO | Ant1 | 5690_UNII-3  | 2.6   | 5725    | 5727.60 | 0.5 | PASS |
| 11AC80MIMO | Ant2 | 5690_UNII-3  | 2.6   | 5725    | 5727.60 | 0.5 | PASS |
| 11AC80MIMO | Ant1 | 5775         | 69.28 | 5737.08 | 5806.36 | 0.5 | PASS |
| 11AC80MIMO | Ant2 | 5775         | 75.52 | 5737.24 | 5812.76 | 0.5 | PASS |

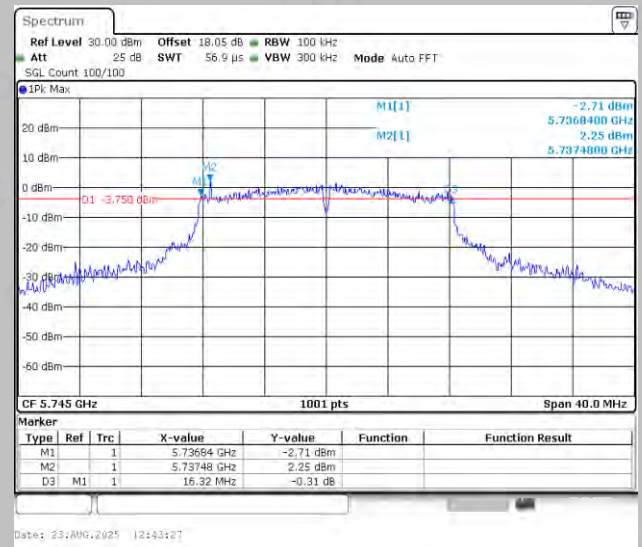
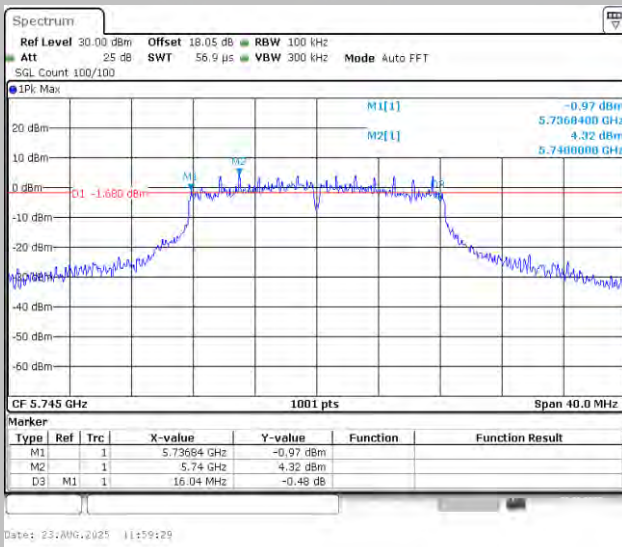
Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

## 3.2 Test Graphs-B4



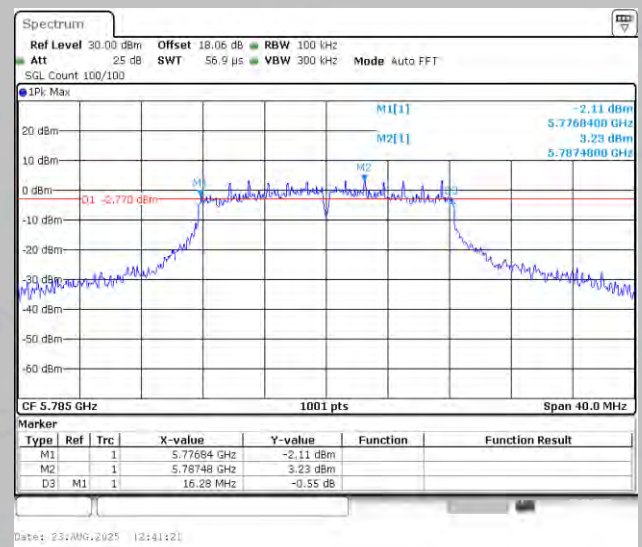
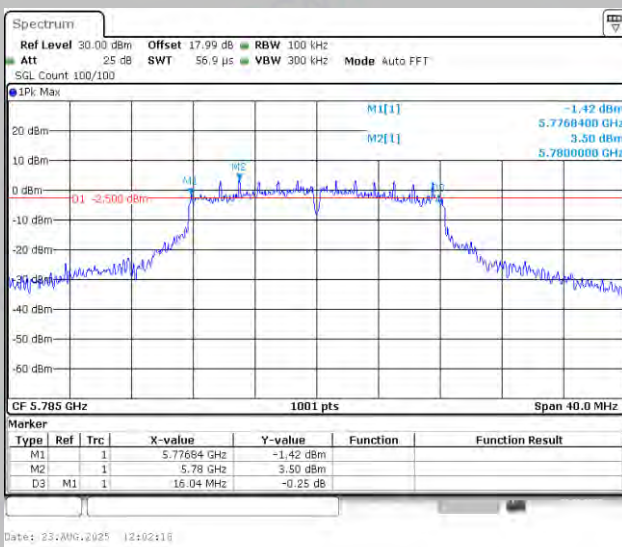
11A-Ant2-5720

11A-Ant1-5720



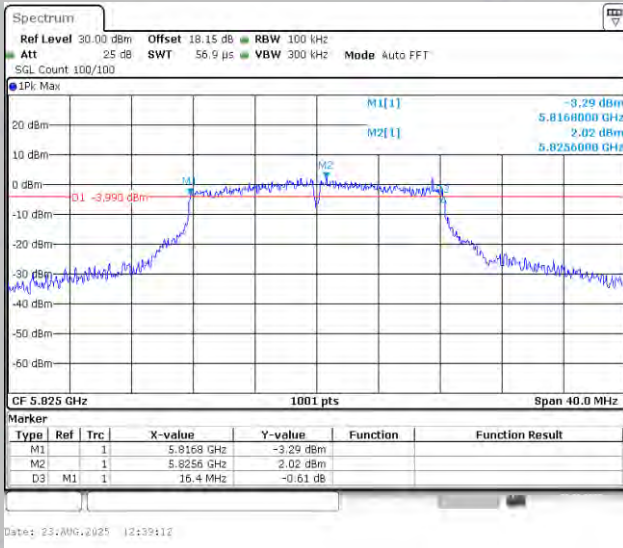
11A-Ant1-5745-PASS

11A-Ant2-5745-PASS

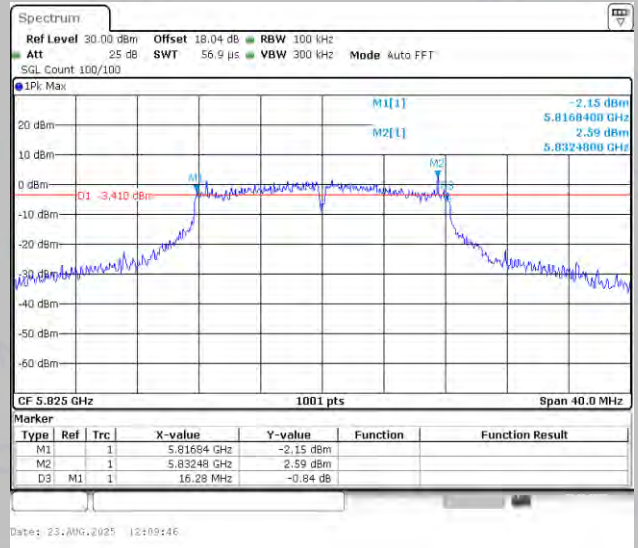


11A-Ant1-5785-PASS

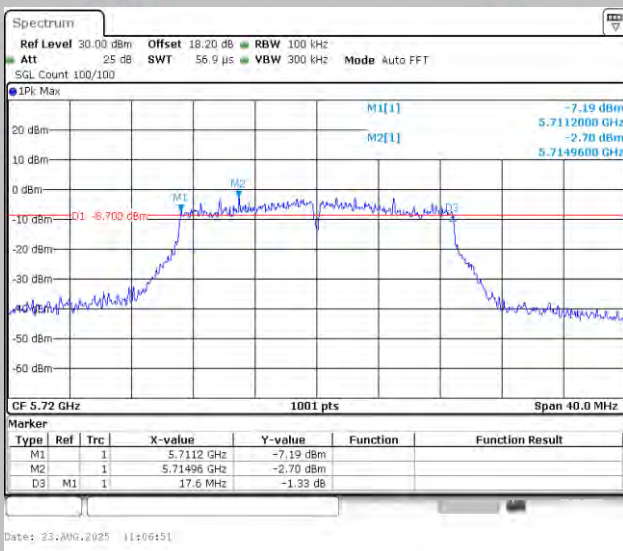
11A-Ant2-5785-PASS



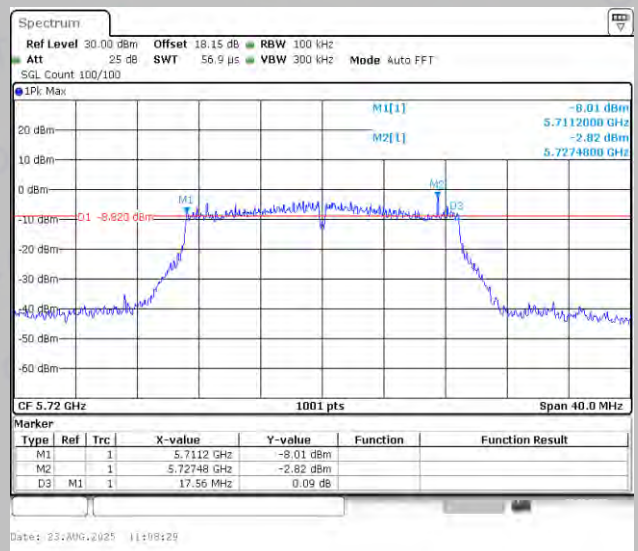
11A-Ant2-5825-PASS



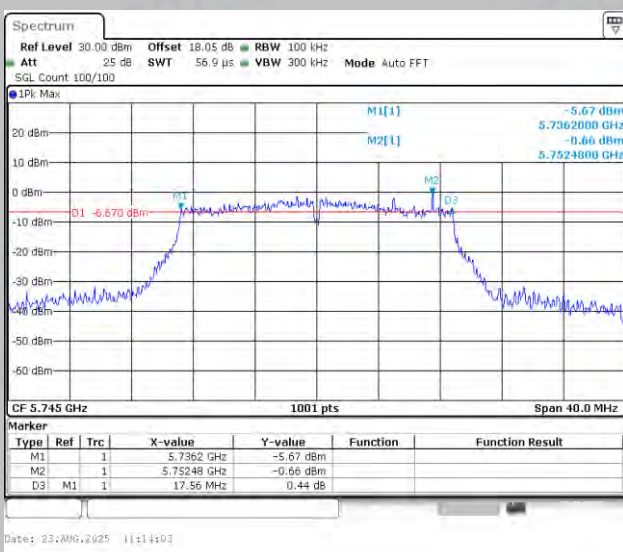
11A-Ant1-5825-PASS



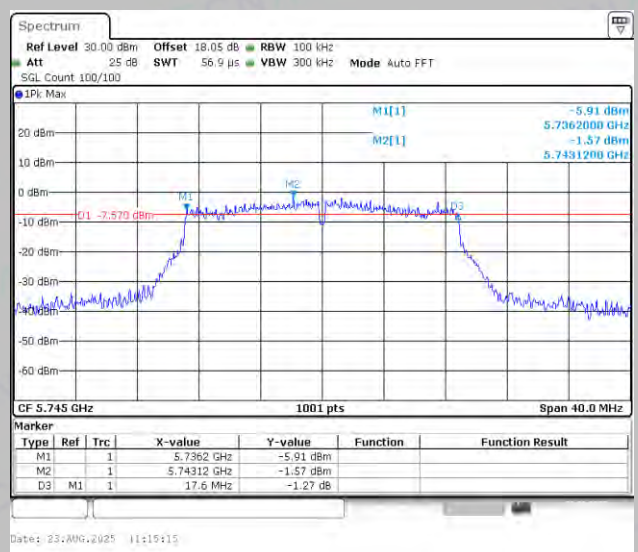
11N20MIMO-Ant1-5720



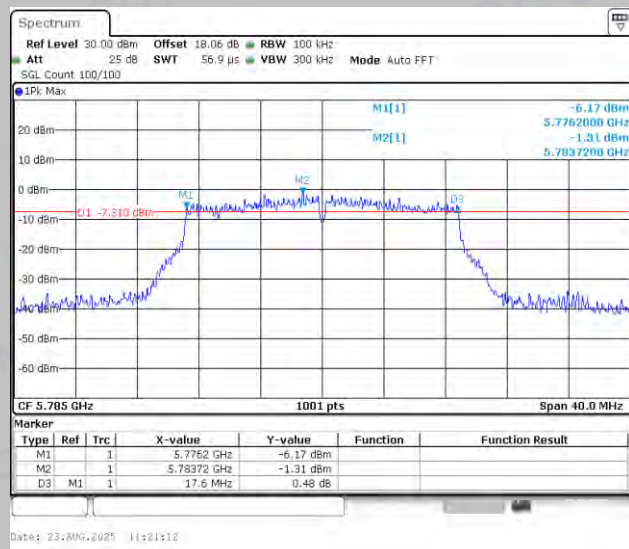
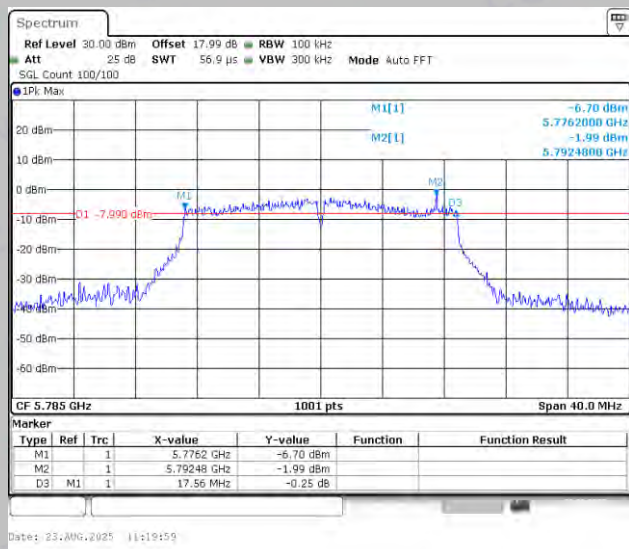
11N20MIMO-Ant2-5720



11N20MIMO-Ant1-5745-PASS

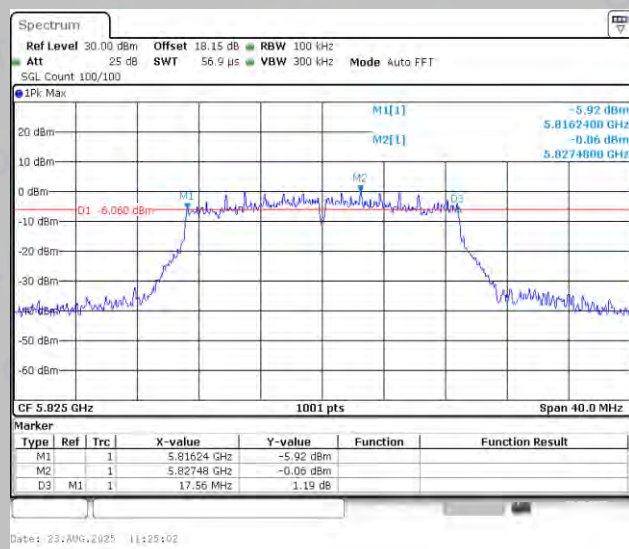
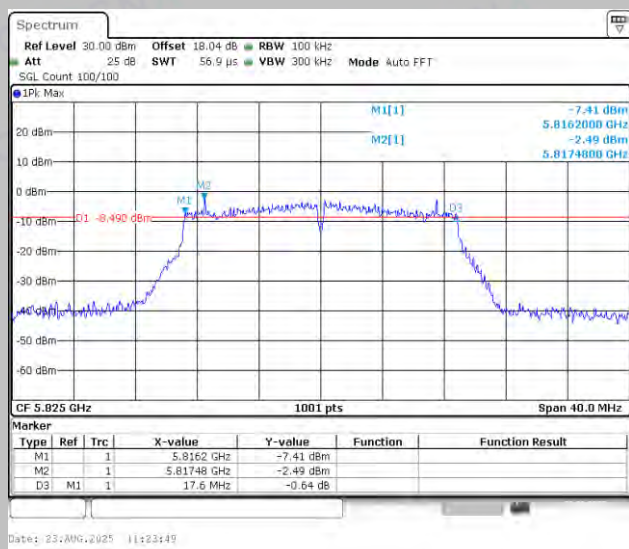


11N20MIMO-Ant2-5745-PASS



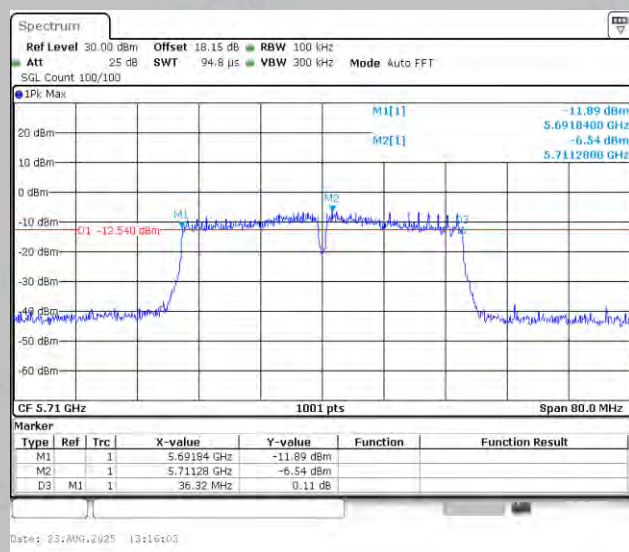
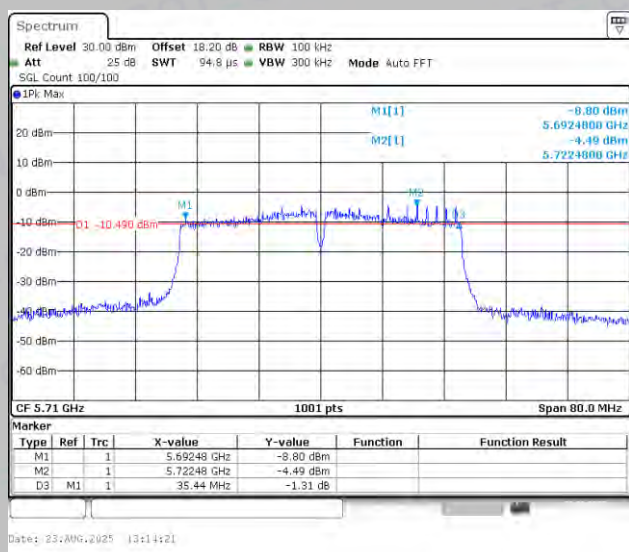
11N20MIMO-Ant1-5785-PASS

11N20MIMO-Ant2-5785-PASS



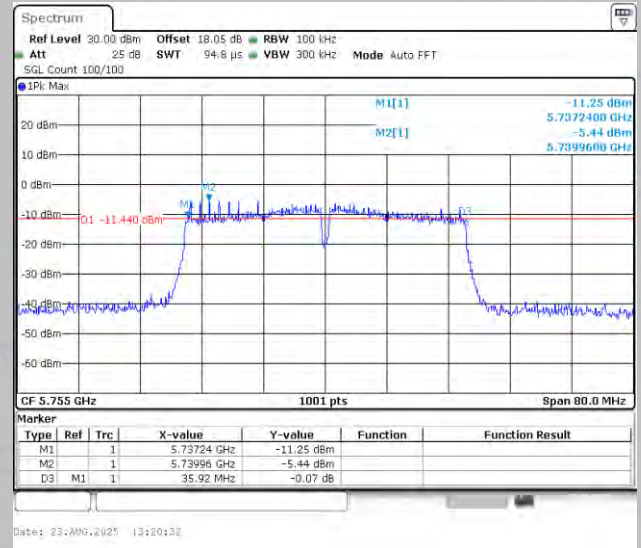
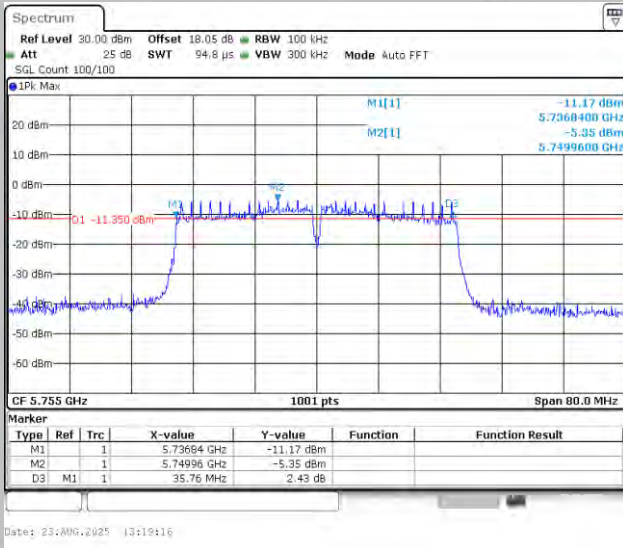
11N20MIMO-Ant1-5825-PASS

11N20MIMO-Ant2-5825-PASS



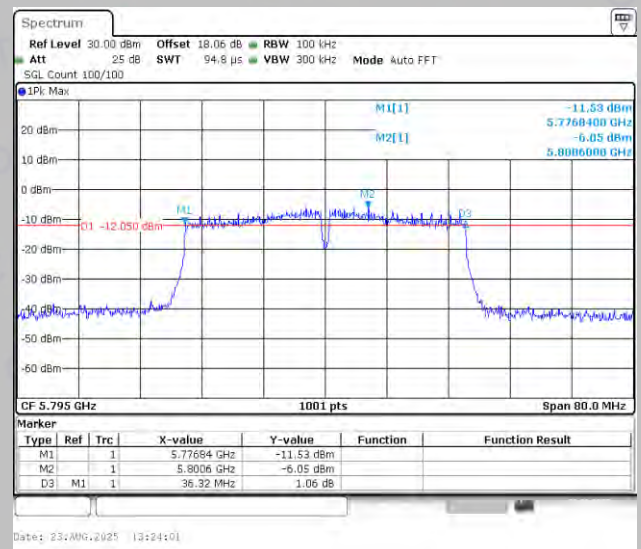
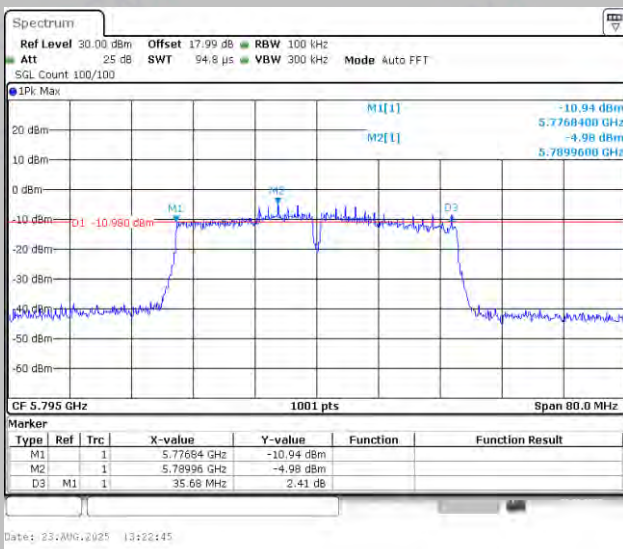
11N40MIMO-Ant1-5710

11N40MIMO-Ant2-5710



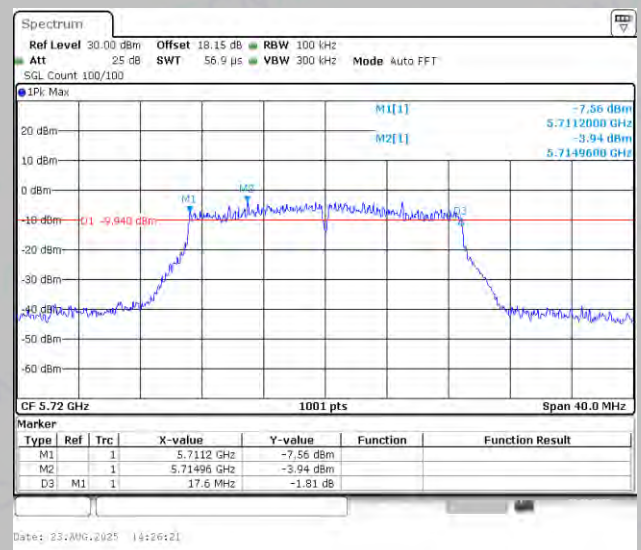
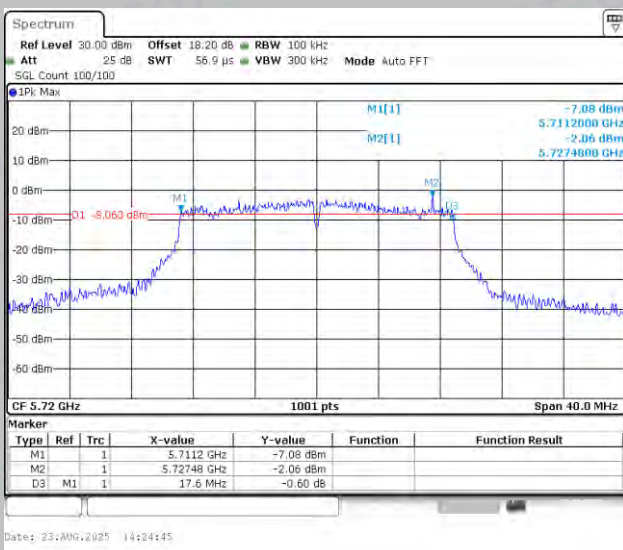
11N40MIMO-Ant1-5755-PASS

11N40MIMO-Ant2-5755-PASS



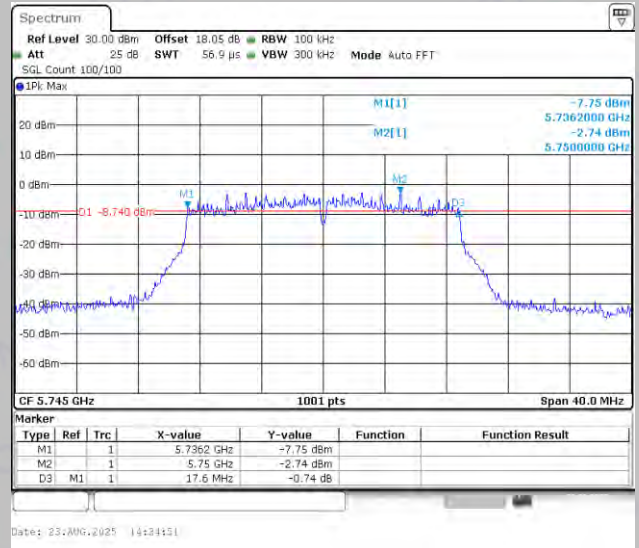
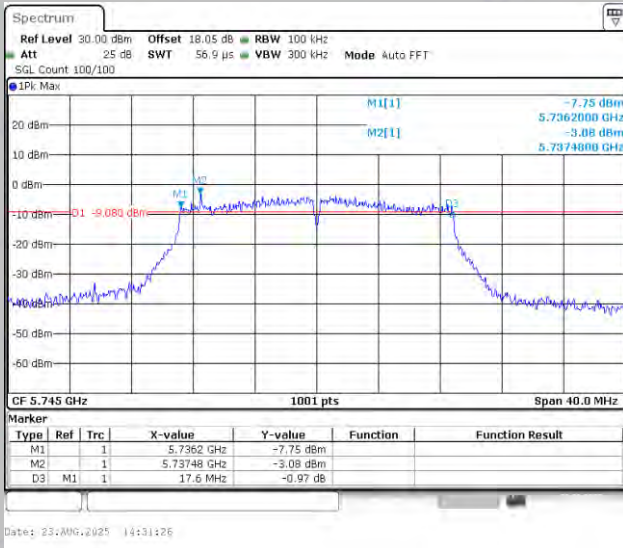
11N40MIMO-Ant1-5795-PASS

11N40MIMO-Ant2-5795-PASS



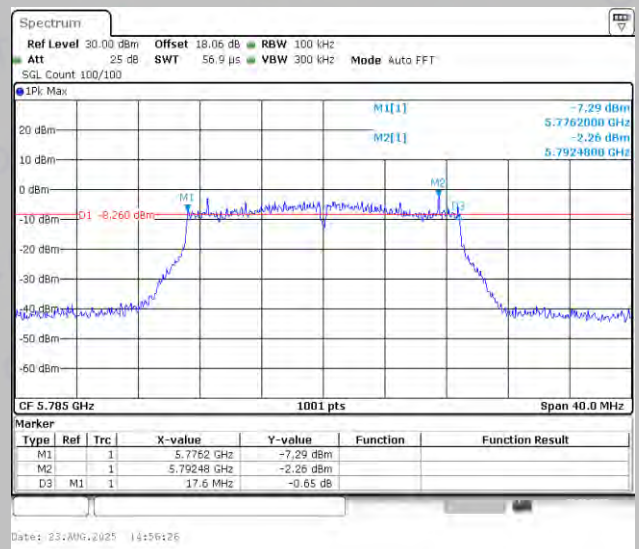
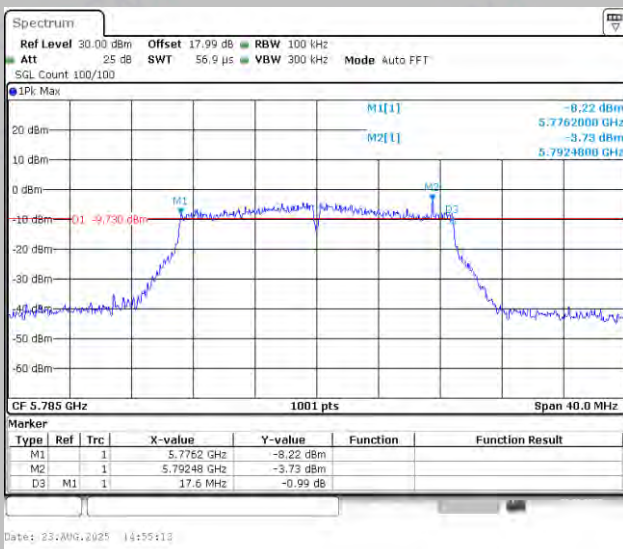
11AC20MIMO-Ant1-5720

11AC20MIMO-Ant2-5720



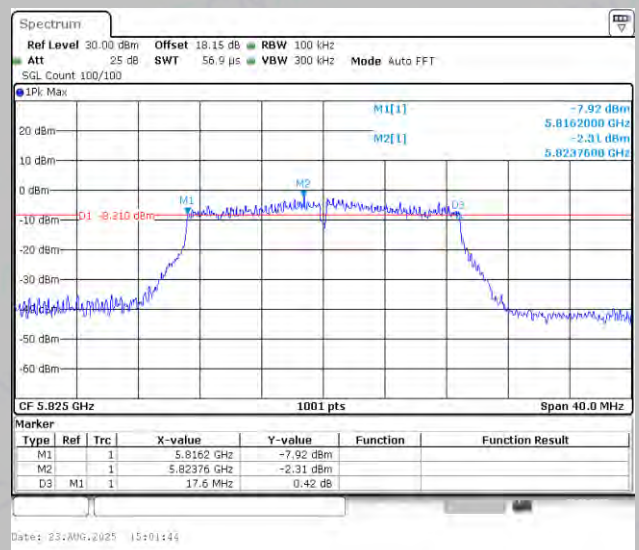
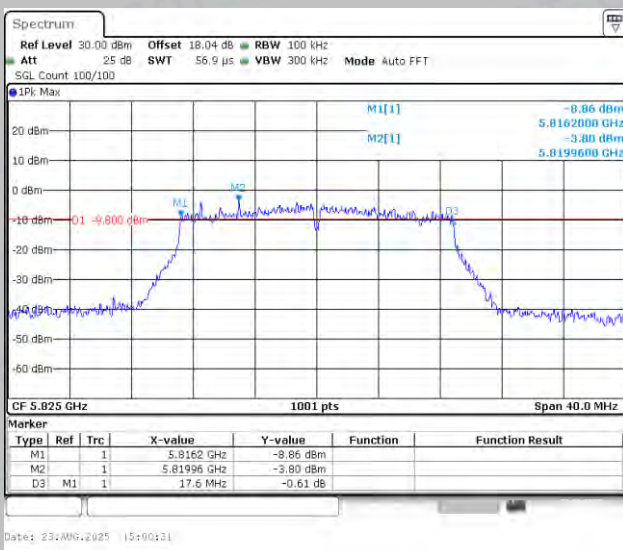
11AC20MIMO-Ant1-5745-PASS

11AC20MIMO-Ant2-5745-PASS



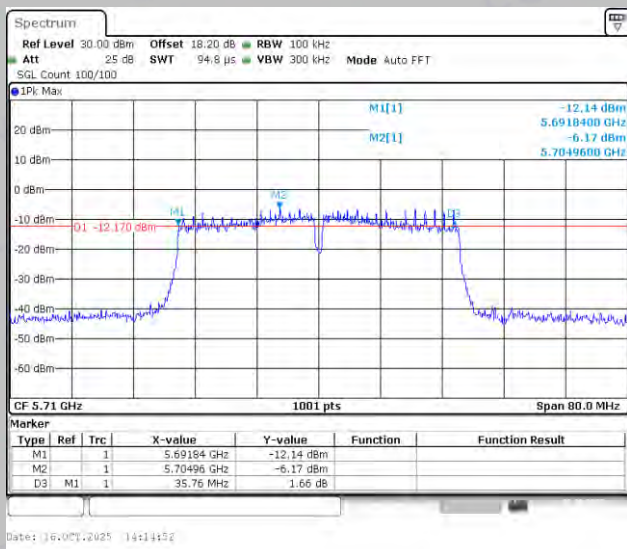
11AC20MIMO-Ant1-5785-PASS

11AC20MIMO-Ant2-5785-PASS

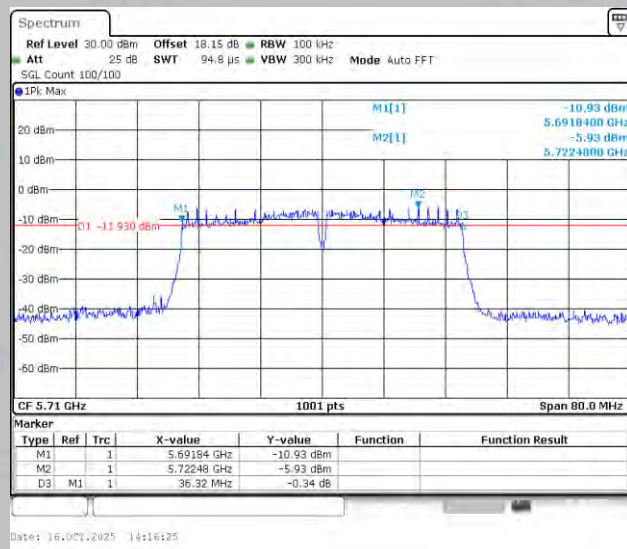


11AC20MIMO-Ant1-5825-PASS

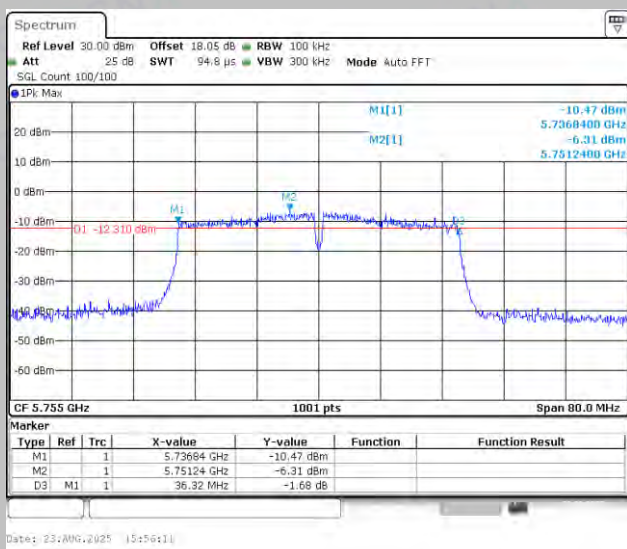
11AC20MIMO-Ant2-5825-PASS



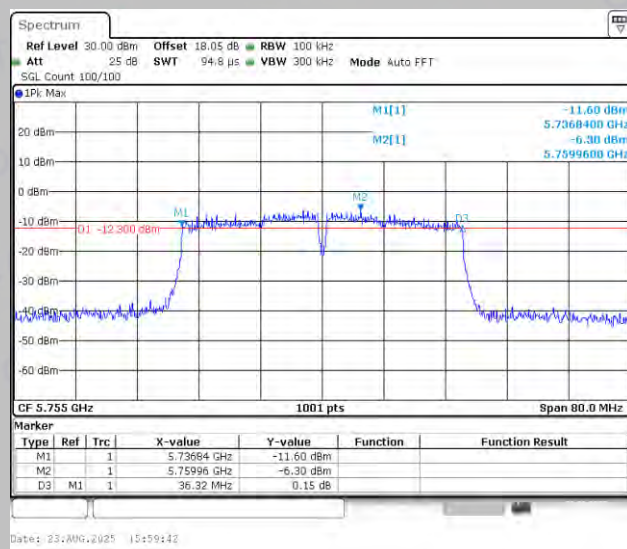
11AC40MIMO-Ant1-5710



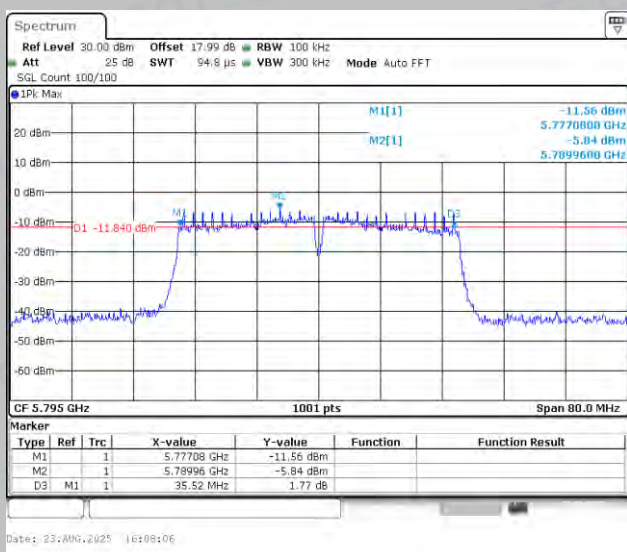
11AC40MIMO-Ant2-5710



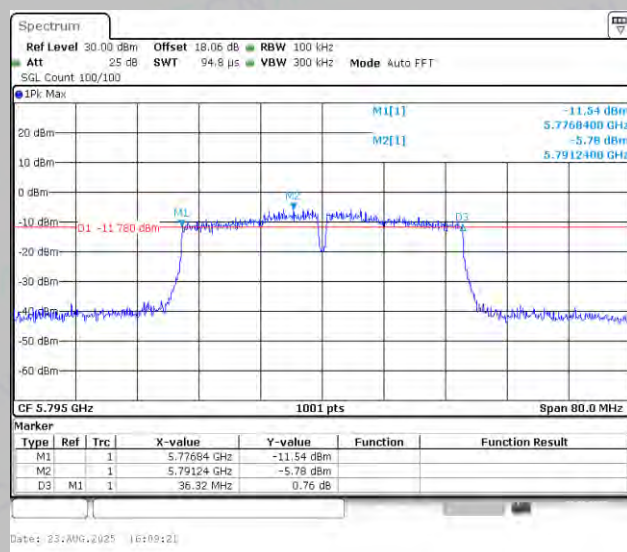
11AC40MIMO-Ant1-5755-PASS



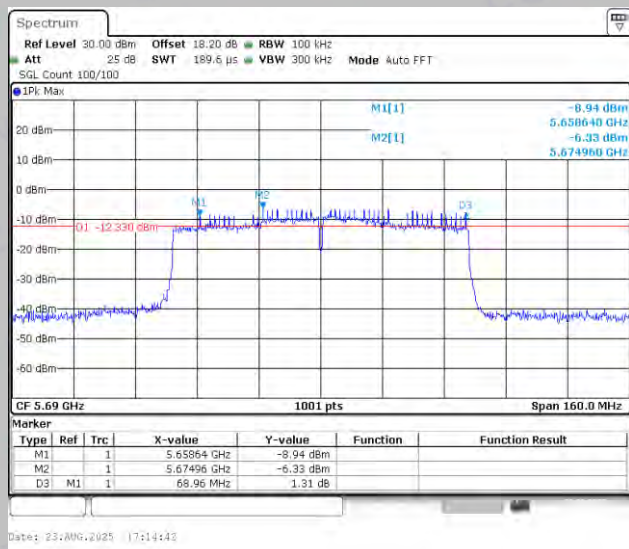
11AC40MIMO-Ant2-5755-PASS



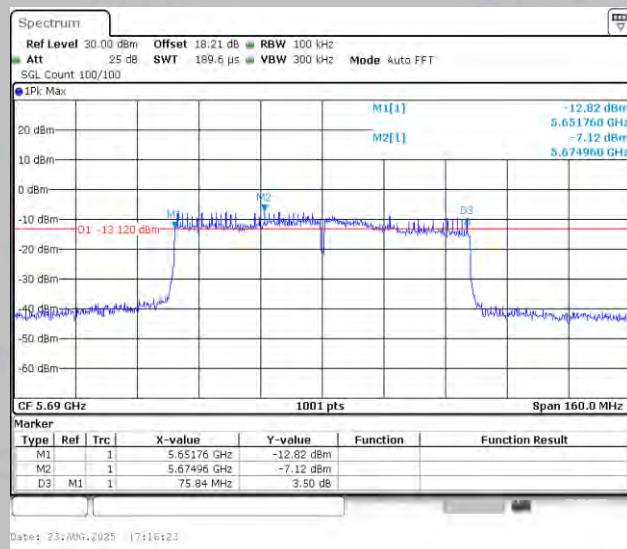
11AC40MIMO-Ant1-5795-PASS



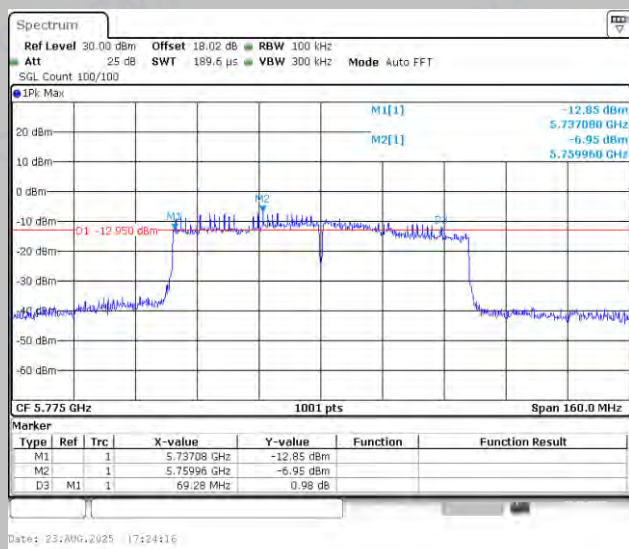
11AC40MIMO-Ant2-5795-PASS



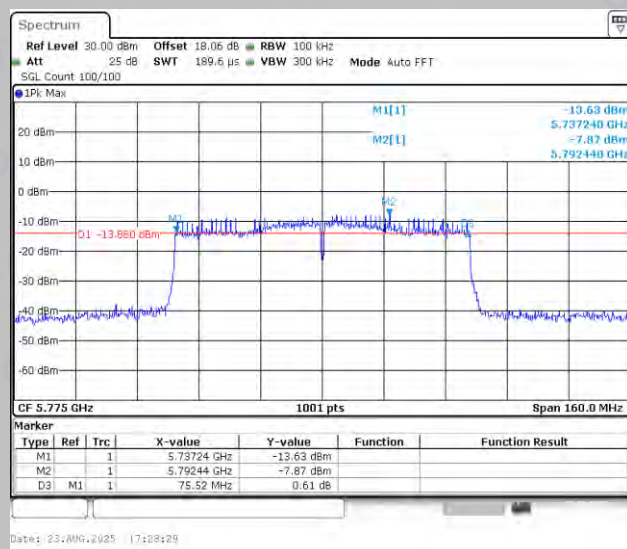
11AC80MIMO-Ant1-5690



11AC80MIMO-Ant2-5690



11AC80MIMO-Ant1-5775-PASS



11AC80MIMO-Ant2-5775-PASS

## 4: Duty Cycle

### 4.1 Test Result

| TestMode  | Antenna | Frequency [MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | DC Factor | 1/T [kHz] |
|-----------|---------|-----------------|----------------------------|--------------------------|----------------|-----------|-----------|
| 11A       | Ant1    | 5180            | 1.39                       | 1.43                     | 97.20          | 0.12      | 0.72      |
| 11A       | Ant2    | 5180            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5200            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5200            | 1.39                       | 1.44                     | 96.53          | 0.15      | 0.72      |
| 11A       | Ant1    | 5240            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5240            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5260            | 1.39                       | 1.44                     | 96.53          | 0.15      | 0.72      |
| 11A       | Ant2    | 5260            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5280            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5280            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5320            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5320            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5500            | 1.39                       | 1.44                     | 96.53          | 0.15      | 0.72      |
| 11A       | Ant2    | 5500            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5600            | 1.39                       | 1.44                     | 96.53          | 0.15      | 0.72      |
| 11A       | Ant2    | 5600            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5720            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5720            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5745            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5745            | 1.39                       | 1.44                     | 96.53          | 0.15      | 0.72      |
| 11A       | Ant1    | 5785            | 1.39                       | 1.43                     | 97.20          | 0.12      | 0.72      |
| 11A       | Ant2    | 5785            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant1    | 5825            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11A       | Ant2    | 5825            | 1.40                       | 1.44                     | 97.22          | 0.12      | 0.71      |
| 11N20MIMO | Ant1    | 5180            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5180            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5200            | 1.30                       | 1.35                     | 96.30          | 0.16      | 0.77      |
| 11N20MIMO | Ant2    | 5200            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5240            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5240            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5260            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5260            | 1.31                       | 1.36                     | 96.32          | 0.16      | 0.76      |
| 11N20MIMO | Ant1    | 5280            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5280            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5320            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5320            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5500            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5500            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5600            | 1.30                       | 1.35                     | 96.30          | 0.16      | 0.77      |
| 11N20MIMO | Ant2    | 5600            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant1    | 5720            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |
| 11N20MIMO | Ant2    | 5720            | 1.31                       | 1.35                     | 97.04          | 0.13      | 0.76      |

|            |      |      |      |      |       |      |      |
|------------|------|------|------|------|-------|------|------|
| 11N20MIMO  | Ant1 | 5745 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11N20MIMO  | Ant2 | 5745 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11N20MIMO  | Ant1 | 5785 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11N20MIMO  | Ant2 | 5785 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11N20MIMO  | Ant1 | 5825 | 1.30 | 1.35 | 96.30 | 0.16 | 0.77 |
| 11N20MIMO  | Ant2 | 5825 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11N40MIMO  | Ant1 | 5190 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5190 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5230 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5230 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5270 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5270 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5310 | 0.64 | 0.69 | 92.75 | 0.33 | 1.56 |
| 11N40MIMO  | Ant2 | 5310 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5510 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5510 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5590 | 0.64 | 0.69 | 92.75 | 0.33 | 1.56 |
| 11N40MIMO  | Ant2 | 5590 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5710 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5710 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5755 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5755 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant1 | 5795 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11N40MIMO  | Ant2 | 5795 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11AC20MIMO | Ant1 | 5180 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5180 | 1.31 | 1.36 | 96.32 | 0.16 | 0.76 |
| 11AC20MIMO | Ant1 | 5200 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5200 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5240 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5240 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5260 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5260 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5280 | 1.31 | 1.36 | 96.32 | 0.16 | 0.76 |
| 11AC20MIMO | Ant2 | 5280 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5320 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5320 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5500 | 1.31 | 1.36 | 96.32 | 0.16 | 0.76 |
| 11AC20MIMO | Ant2 | 5500 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5600 | 1.31 | 1.36 | 96.32 | 0.16 | 0.76 |
| 11AC20MIMO | Ant2 | 5600 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5720 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5720 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5745 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5745 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5785 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11AC20MIMO | Ant2 | 5785 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |
| 11AC20MIMO | Ant1 | 5825 | 1.32 | 1.36 | 97.06 | 0.13 | 0.76 |

|            |      |      |      |      |       |      |      |
|------------|------|------|------|------|-------|------|------|
| 11AC20MIMO | Ant2 | 5825 | 1.31 | 1.35 | 97.04 | 0.13 | 0.76 |
| 11AC40MIMO | Ant1 | 5190 | 0.65 | 0.70 | 92.86 | 0.32 | 1.54 |
| 11AC40MIMO | Ant2 | 5190 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant1 | 5230 | 0.65 | 0.70 | 92.86 | 0.32 | 1.54 |
| 11AC40MIMO | Ant2 | 5230 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant1 | 5270 | 0.65 | 0.70 | 92.86 | 0.32 | 1.54 |
| 11AC40MIMO | Ant2 | 5270 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11AC40MIMO | Ant1 | 5310 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant2 | 5310 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant1 | 5510 | 0.65 | 0.70 | 92.86 | 0.32 | 1.54 |
| 11AC40MIMO | Ant2 | 5510 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant1 | 5590 | 0.65 | 0.70 | 92.86 | 0.32 | 1.54 |
| 11AC40MIMO | Ant2 | 5590 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant1 | 5710 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant2 | 5710 | 0.66 | 0.70 | 94.29 | 0.26 | 1.52 |
| 11AC40MIMO | Ant1 | 5755 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11AC40MIMO | Ant2 | 5755 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11AC40MIMO | Ant1 | 5795 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11AC40MIMO | Ant2 | 5795 | 0.65 | 0.69 | 94.20 | 0.26 | 1.54 |
| 11AC80MIMO | Ant1 | 5210 | 0.32 | 0.37 | 86.49 | 0.63 | 3.13 |
| 11AC80MIMO | Ant2 | 5210 | 0.32 | 0.36 | 88.89 | 0.51 | 3.13 |
| 11AC80MIMO | Ant1 | 5290 | 0.32 | 0.36 | 88.89 | 0.51 | 3.13 |
| 11AC80MIMO | Ant2 | 5290 | 0.33 | 0.37 | 89.19 | 0.50 | 3.03 |
| 11AC80MIMO | Ant1 | 5530 | 0.32 | 0.36 | 88.89 | 0.51 | 3.13 |
| 11AC80MIMO | Ant2 | 5530 | 0.32 | 0.36 | 88.89 | 0.51 | 3.13 |
| 11AC80MIMO | Ant1 | 5610 | 0.33 | 0.37 | 89.19 | 0.50 | 3.03 |
| 11AC80MIMO | Ant2 | 5610 | 0.32 | 0.36 | 88.89 | 0.51 | 3.13 |
| 11AC80MIMO | Ant1 | 5690 | 0.33 | 0.37 | 89.19 | 0.50 | 3.03 |
| 11AC80MIMO | Ant2 | 5690 | 0.32 | 0.36 | 88.89 | 0.51 | 3.13 |
| 11AC80MIMO | Ant1 | 5775 | 0.33 | 0.37 | 89.19 | 0.50 | 3.03 |
| 11AC80MIMO | Ant2 | 5775 | 0.32 | 0.37 | 86.49 | 0.63 | 3.13 |

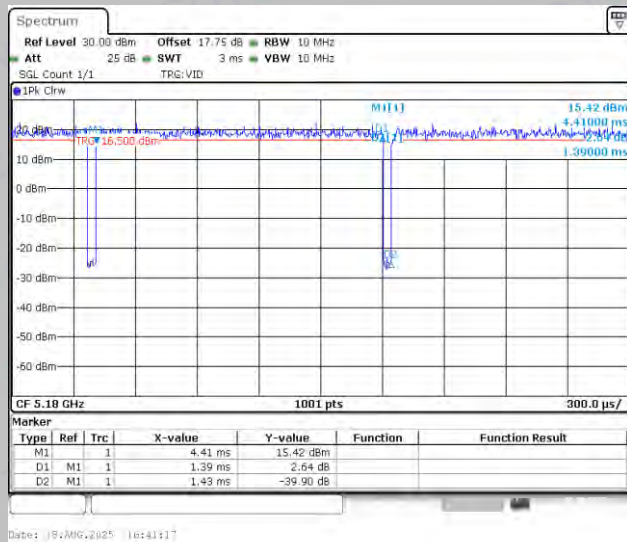
Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

2, DC Factor= $10 \cdot \log_{10}(1/\text{Duty Cycle})$

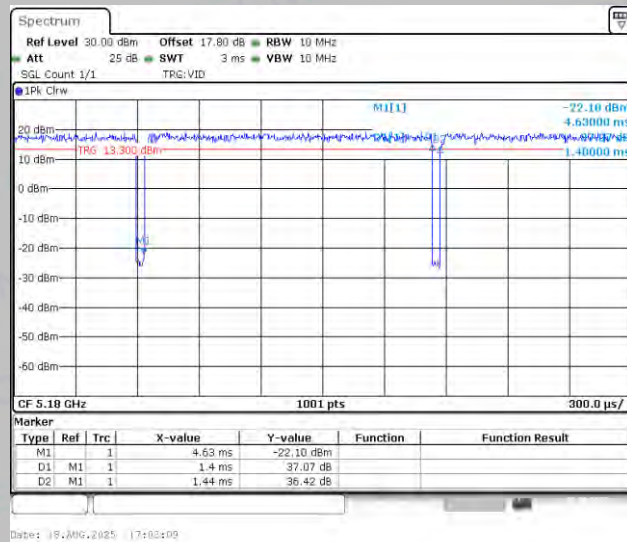
3,  $1/T = 1/\text{Transmission Duration}$

4, RF Conducted test Offset= cable loss+ Attenuator(10dB).

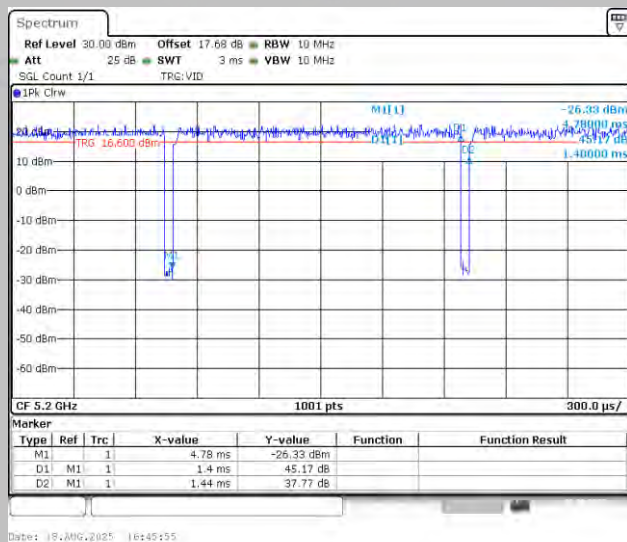
## 4.2 Test Graphs



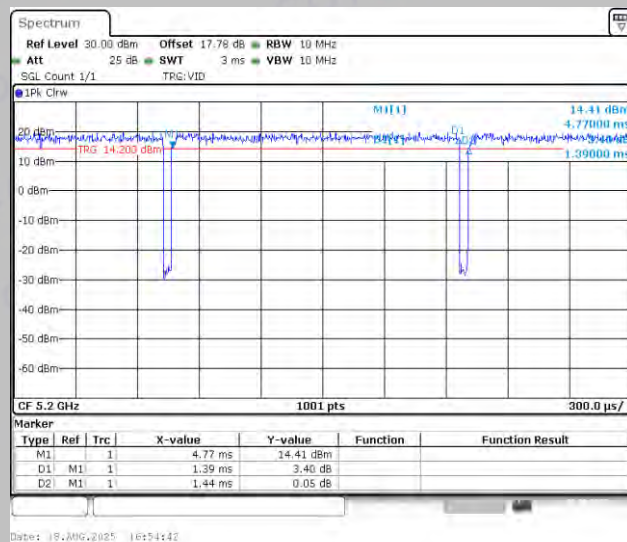
NTNV-11A-Ant1-5180



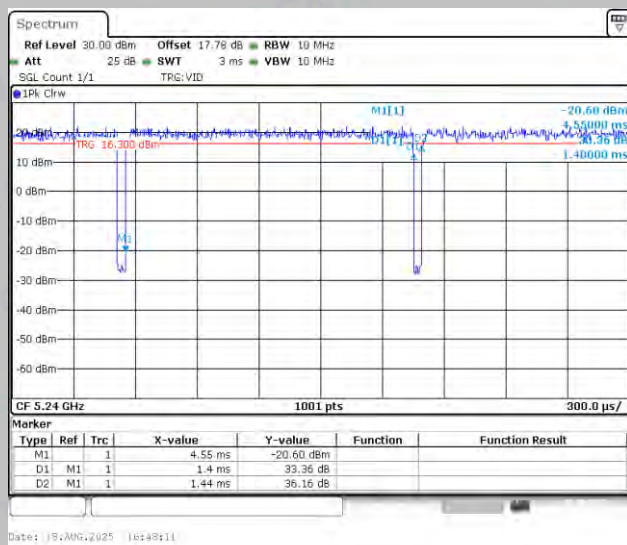
NTNV-11A-Ant2-5180



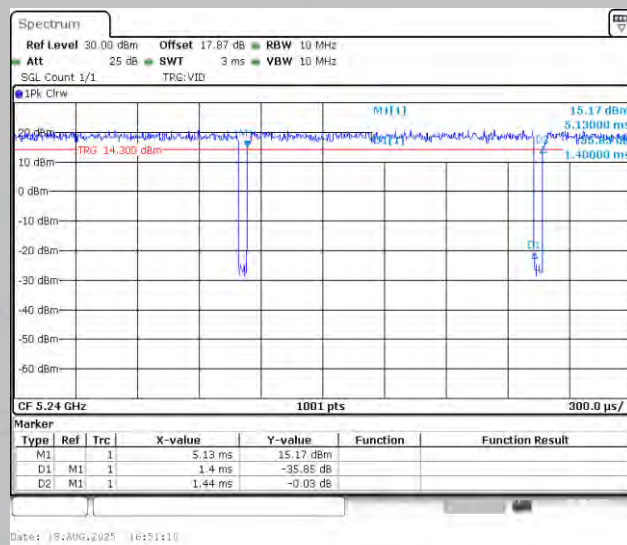
NTNV-11A-Ant1-5200



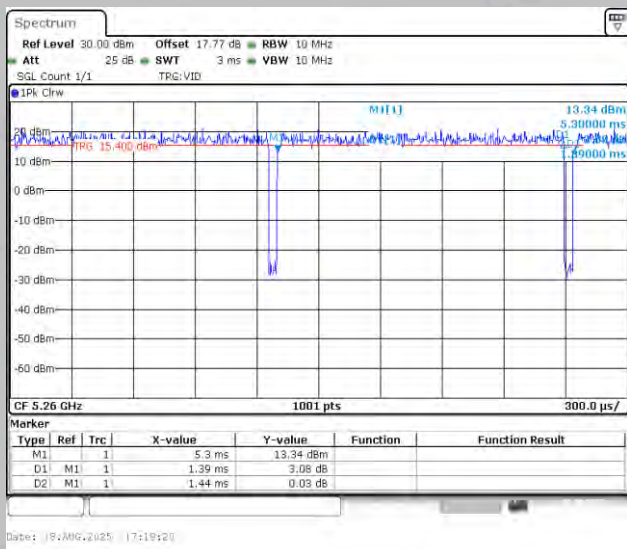
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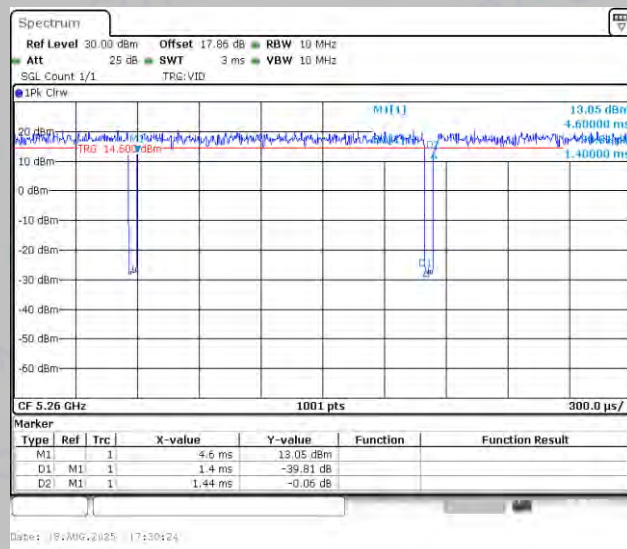
NTNV-11A-Ant1-5240



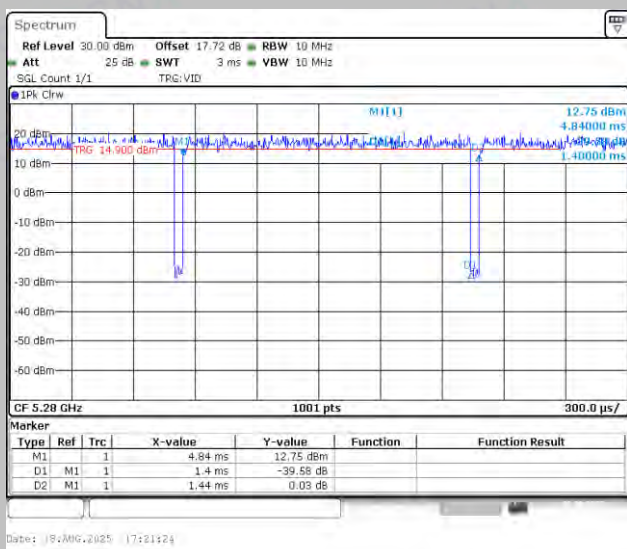
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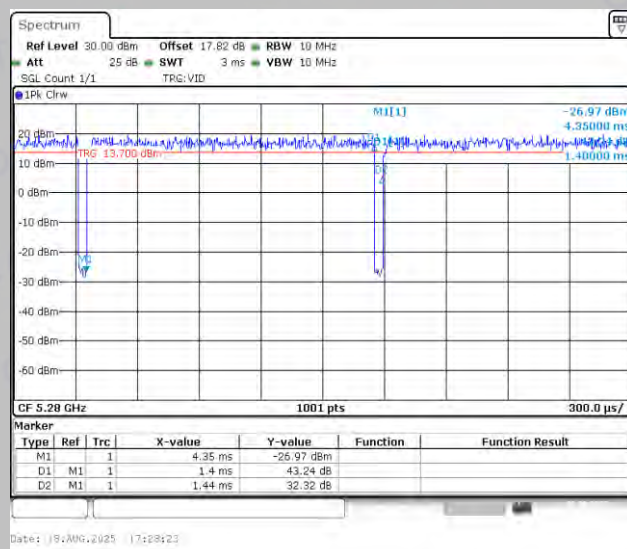
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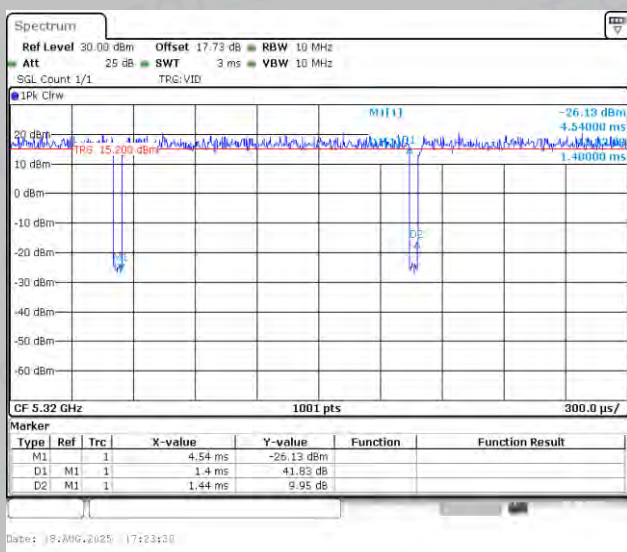
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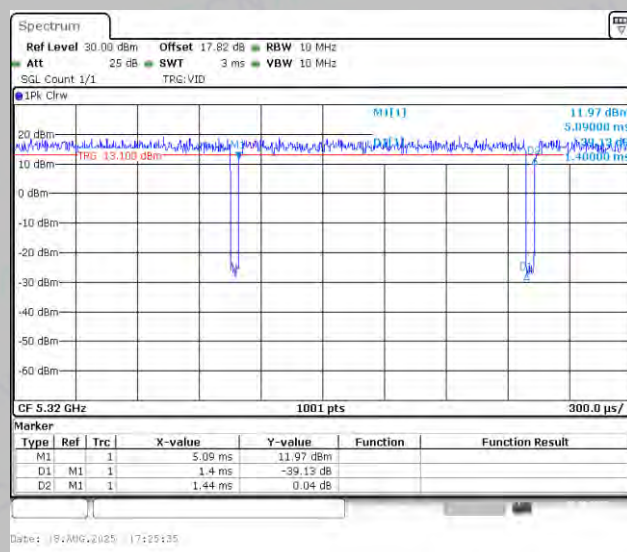
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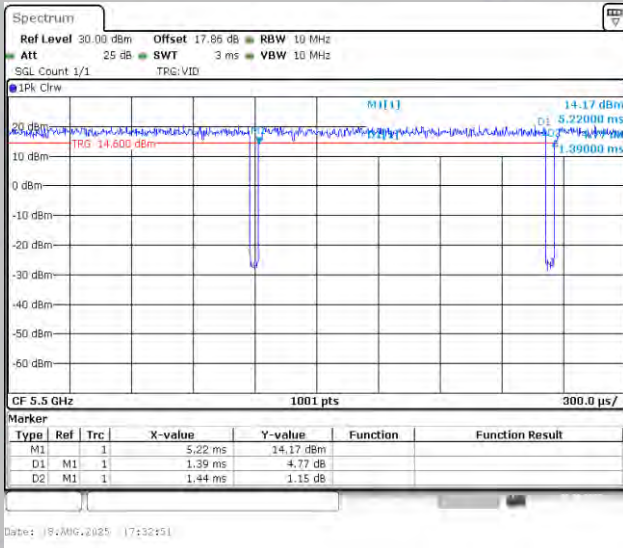
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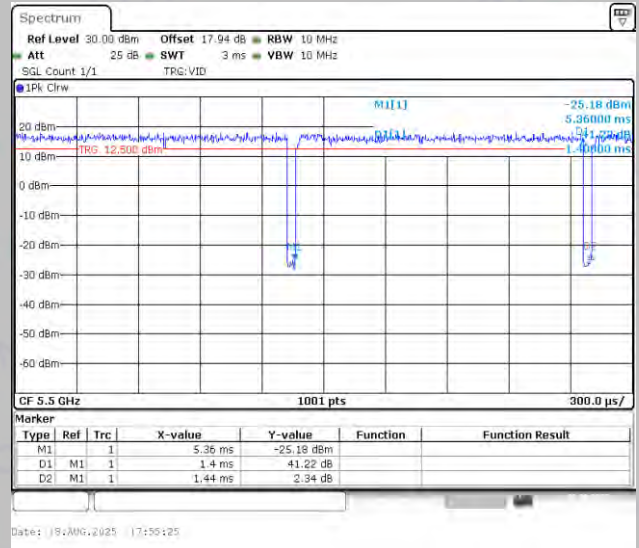
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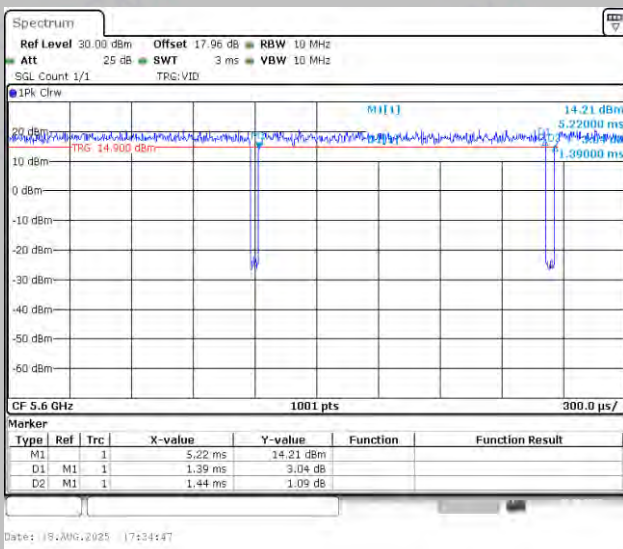
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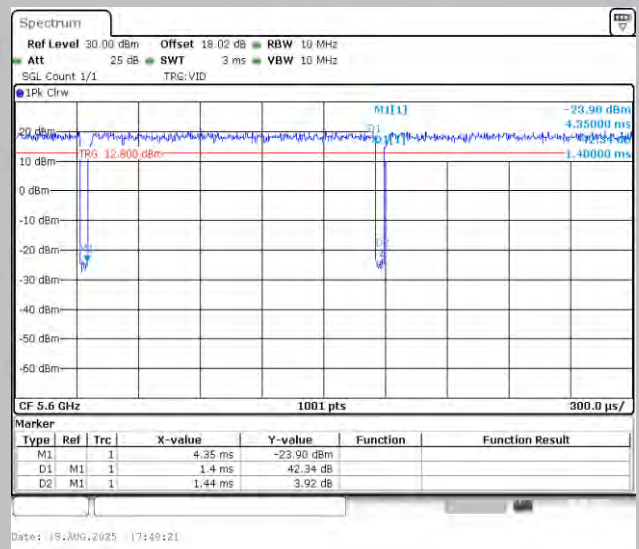
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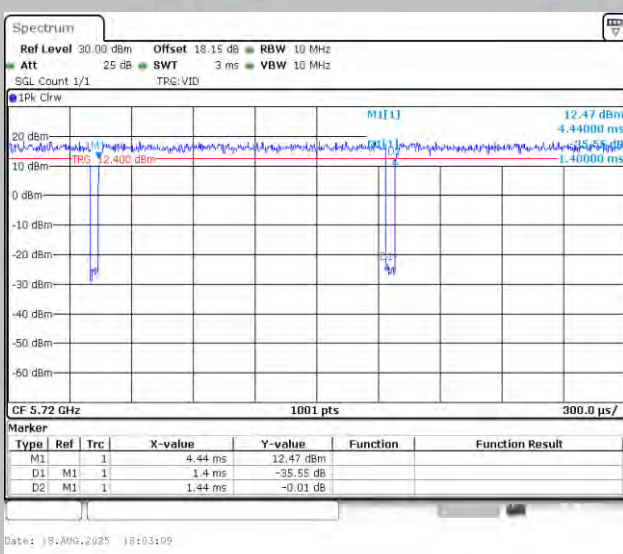
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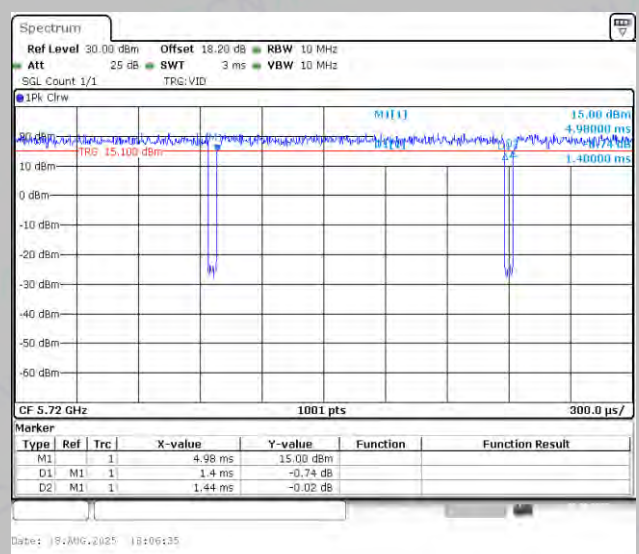
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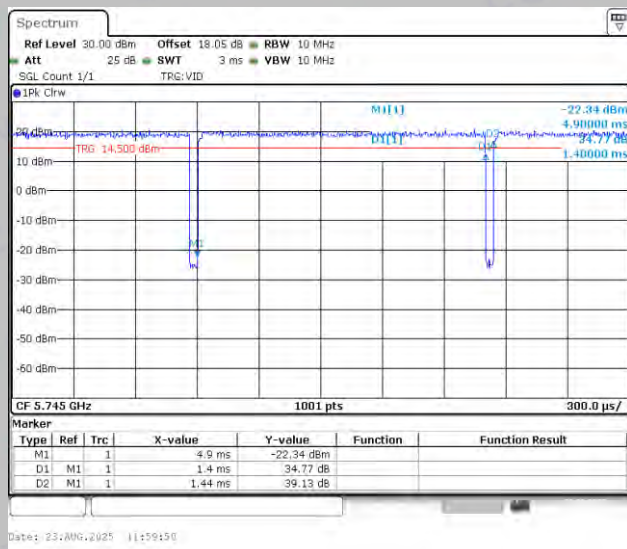
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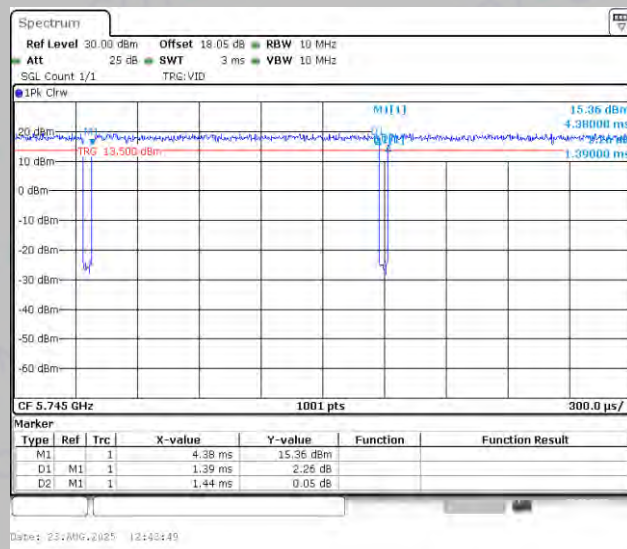
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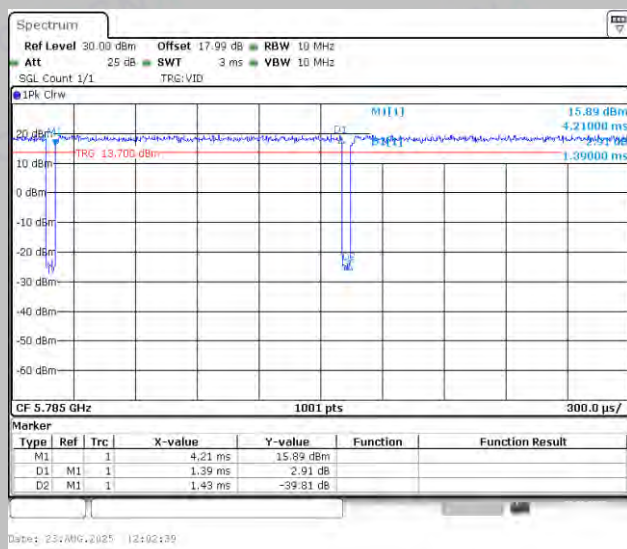
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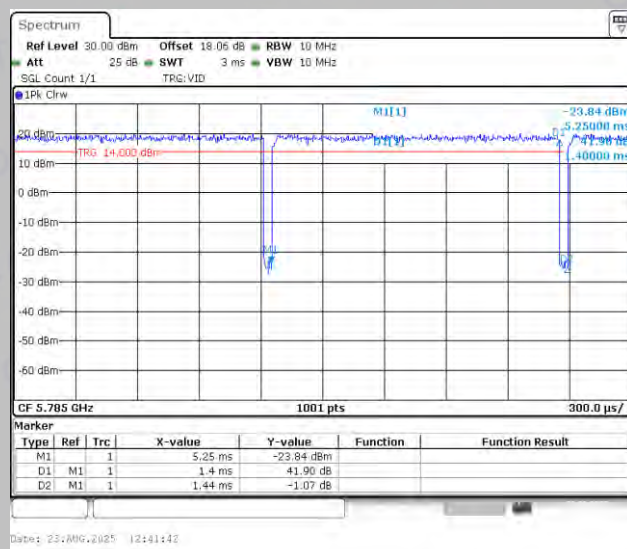
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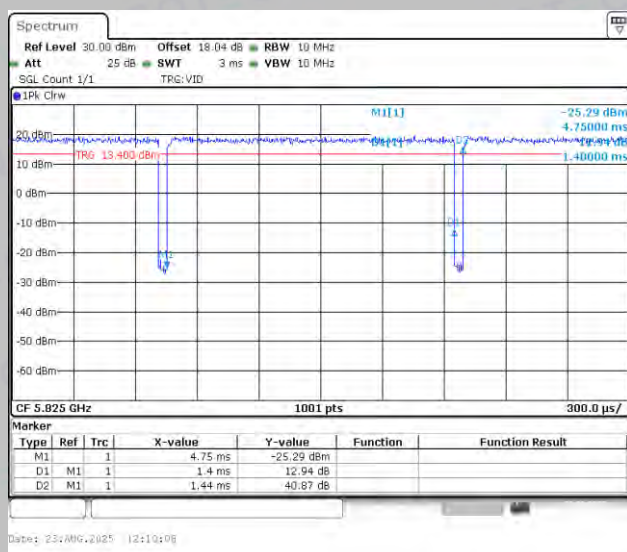
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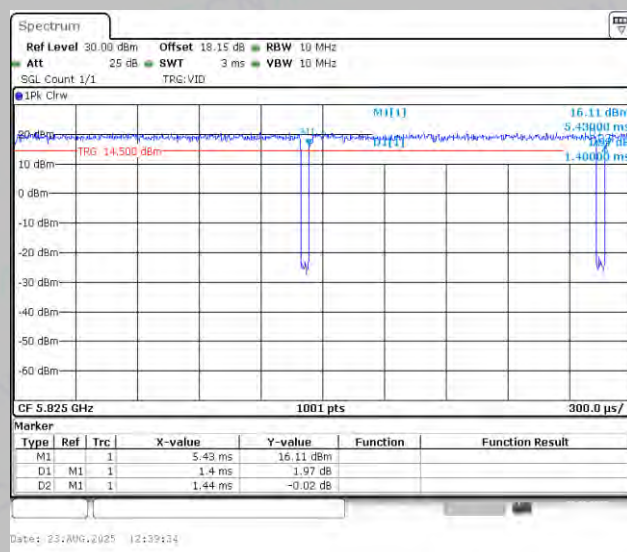
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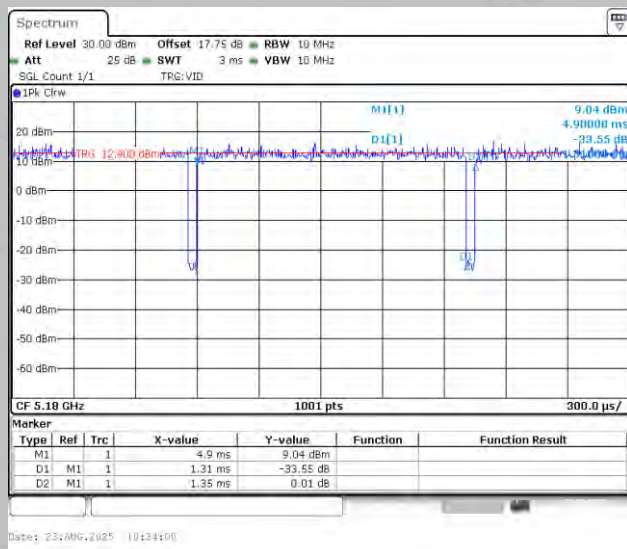
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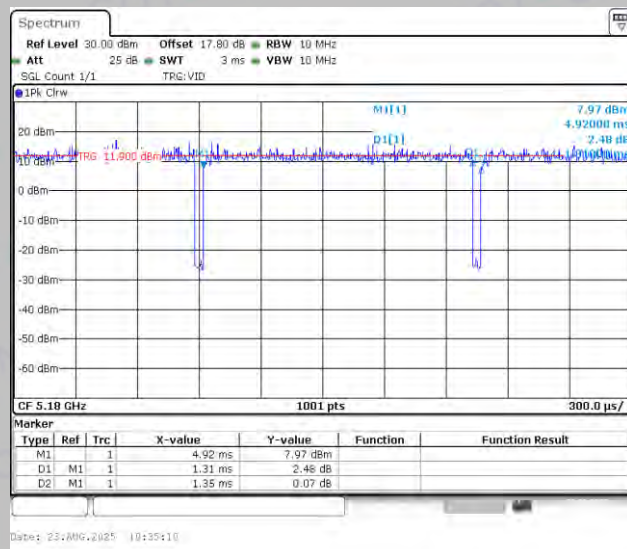
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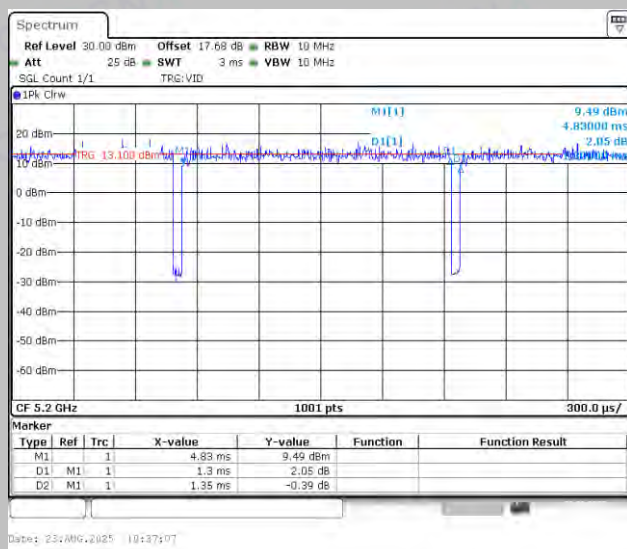
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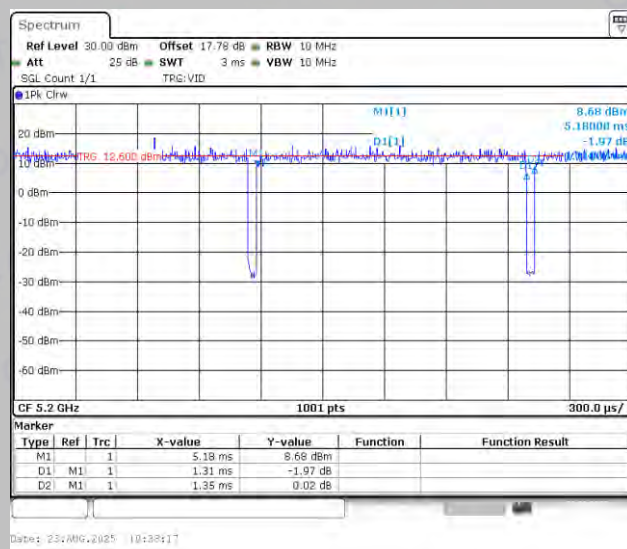
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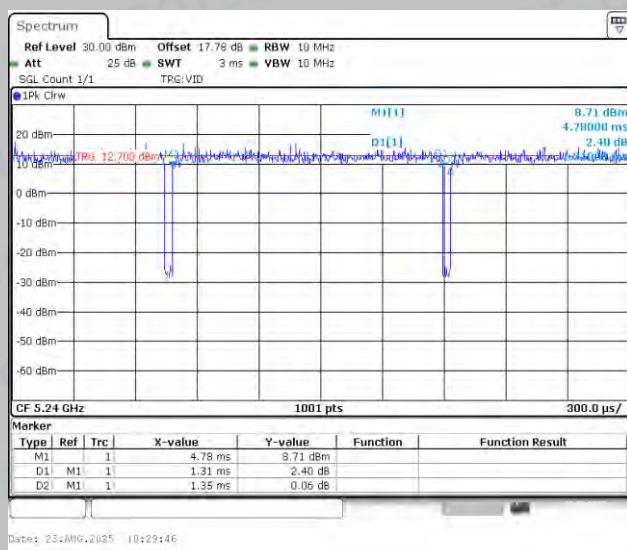
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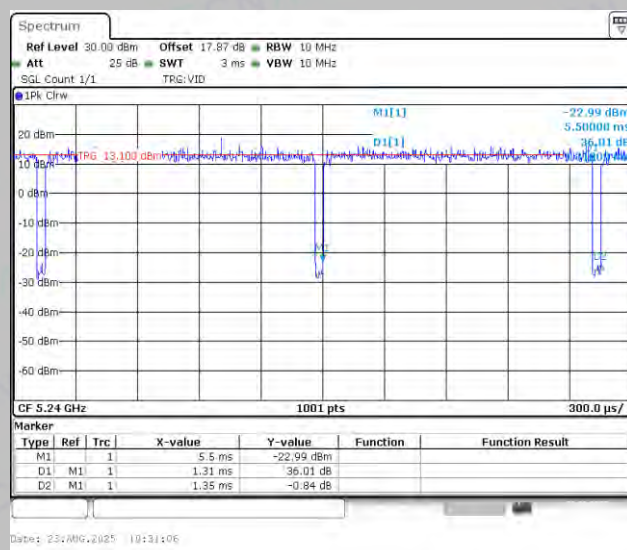
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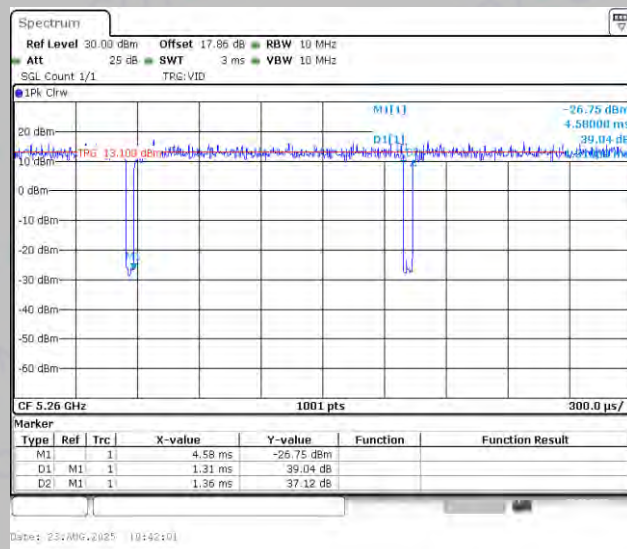
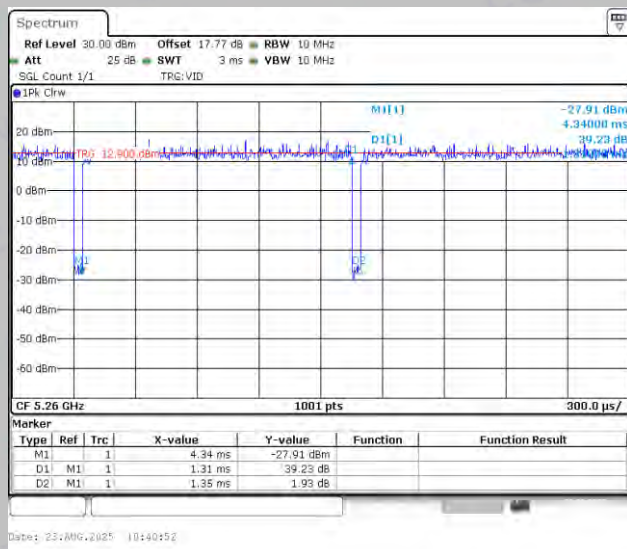
NTNV-11N20MIMO-Ant2-5200



NTNV-11N20MIMO-Ant1-5240

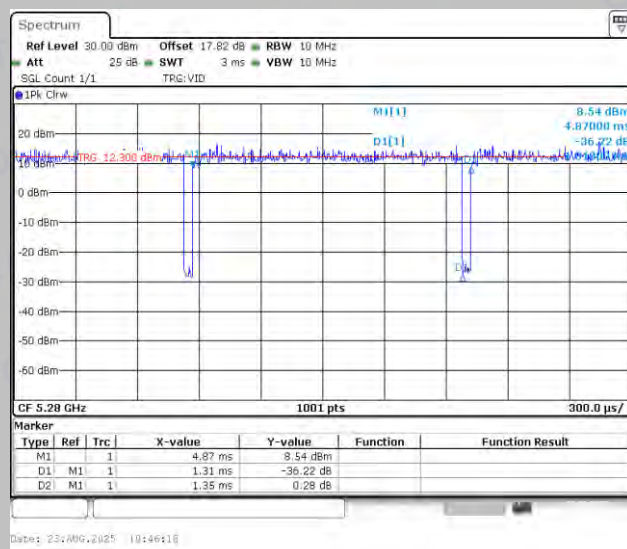
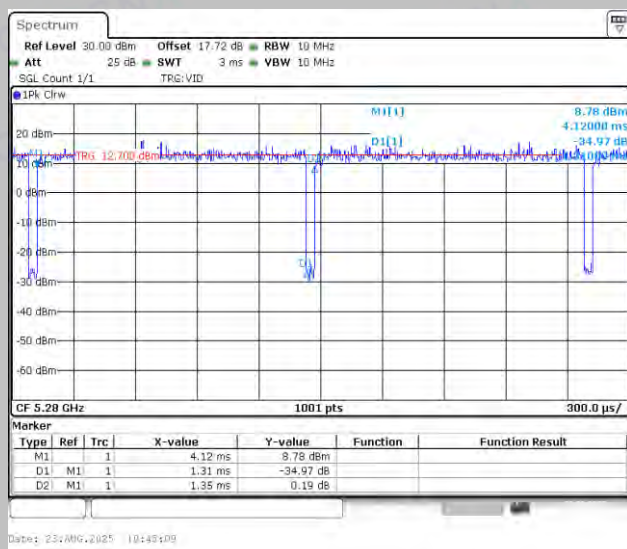


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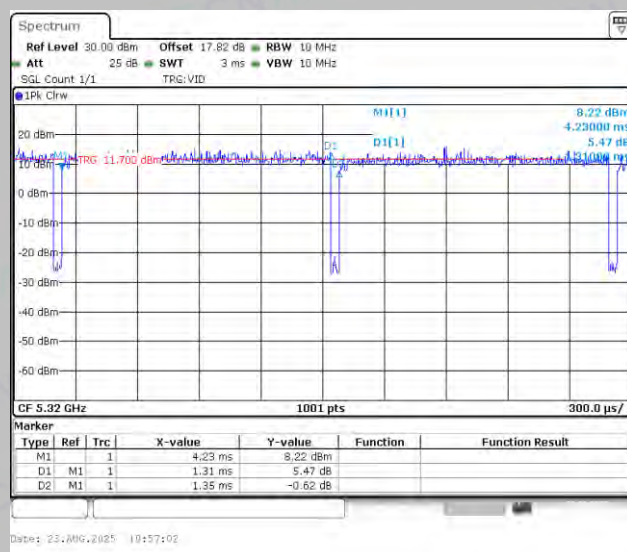
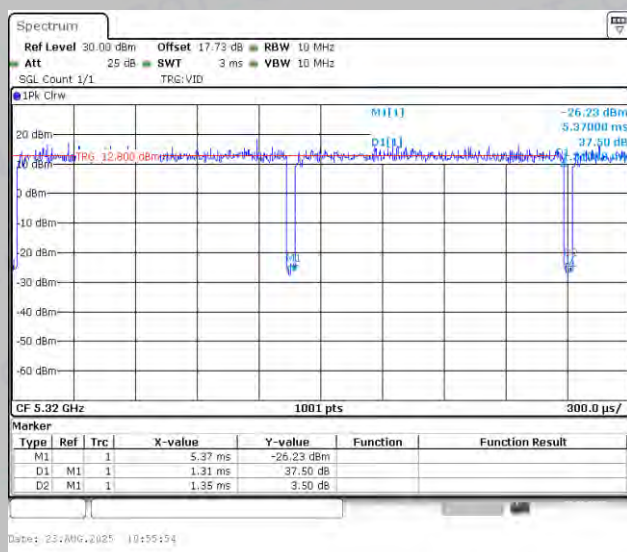
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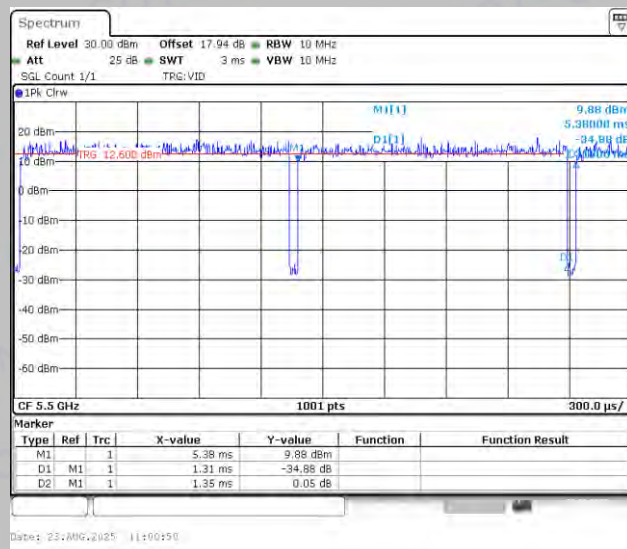
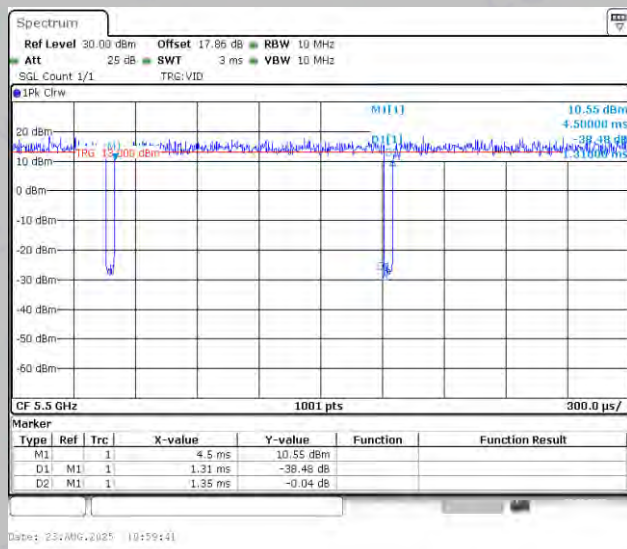
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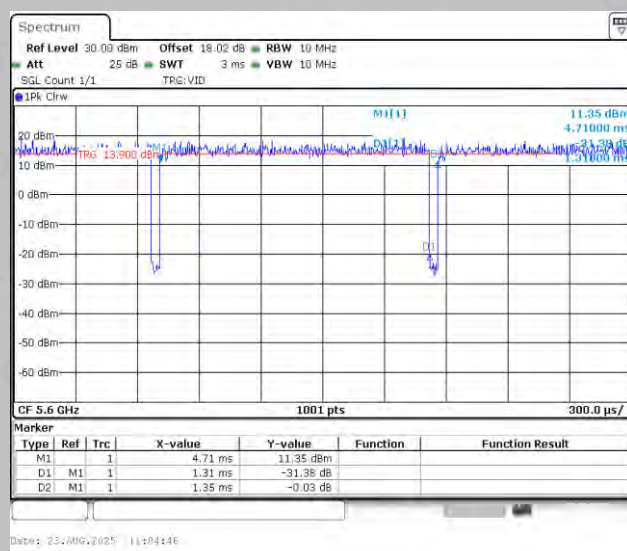
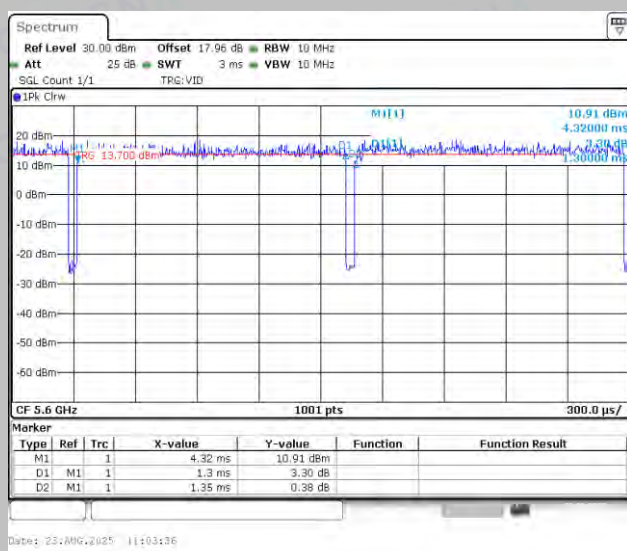
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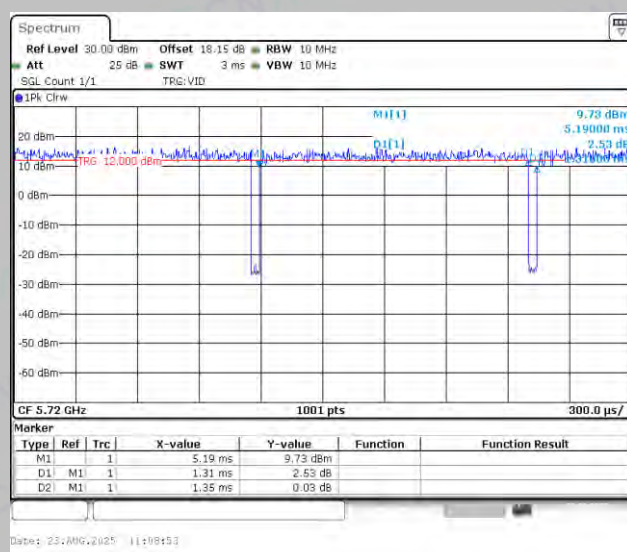
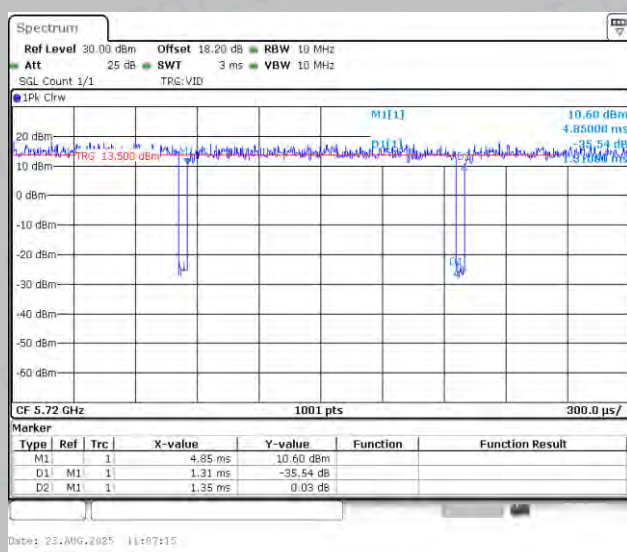
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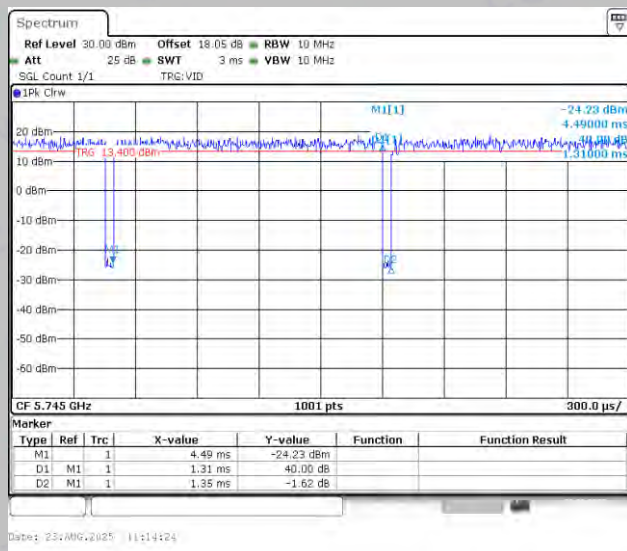
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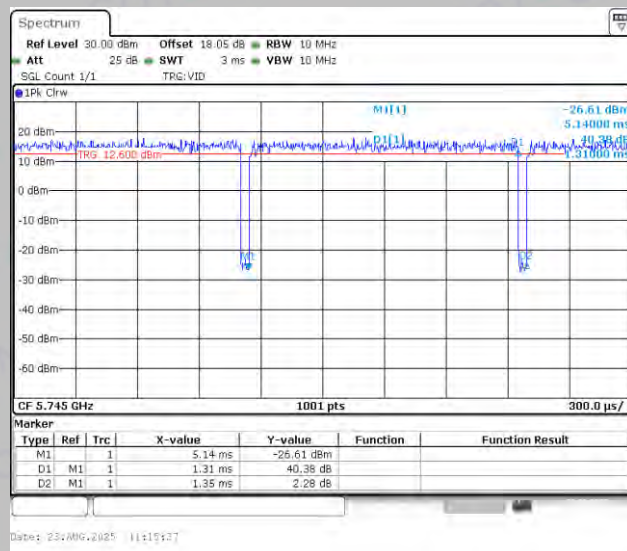


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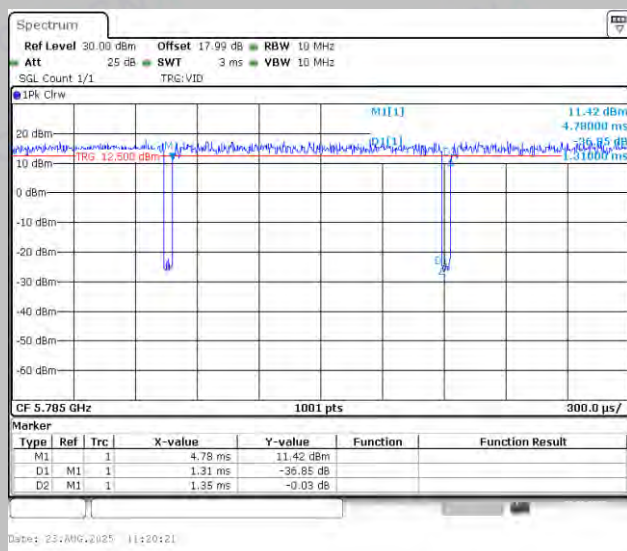
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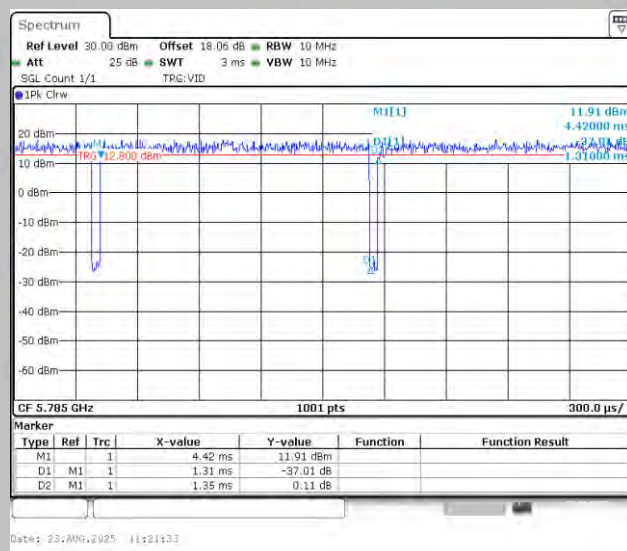
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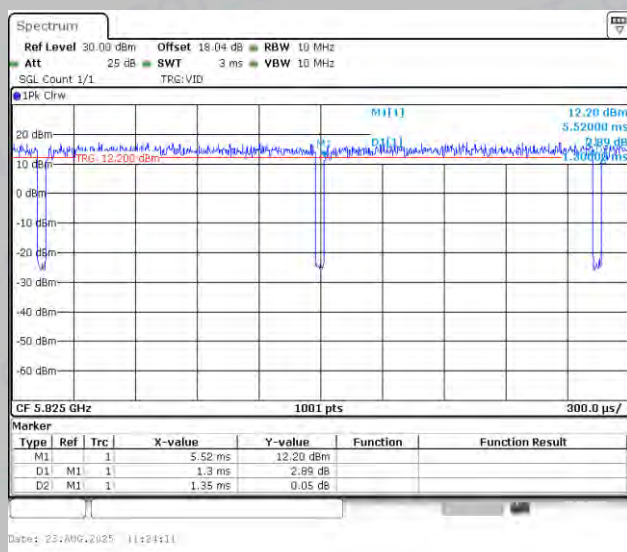
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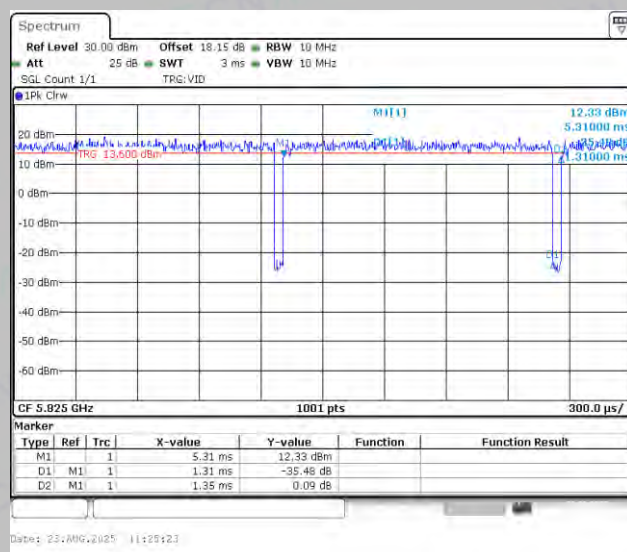
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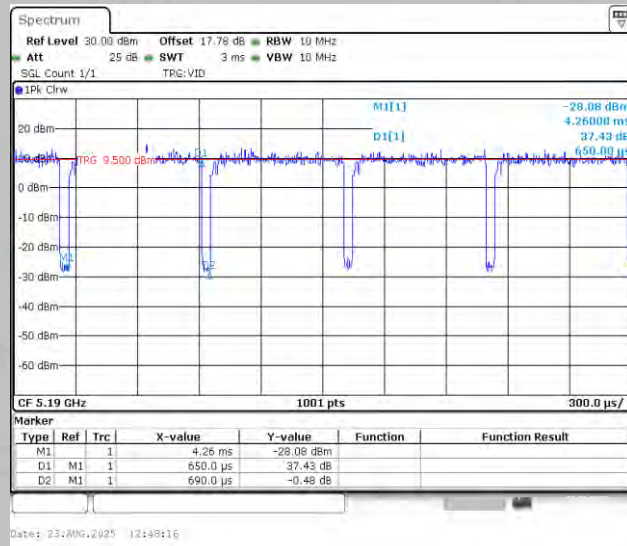
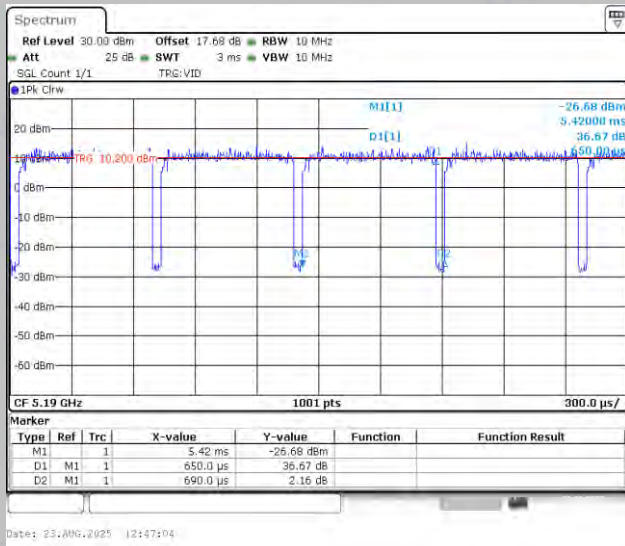
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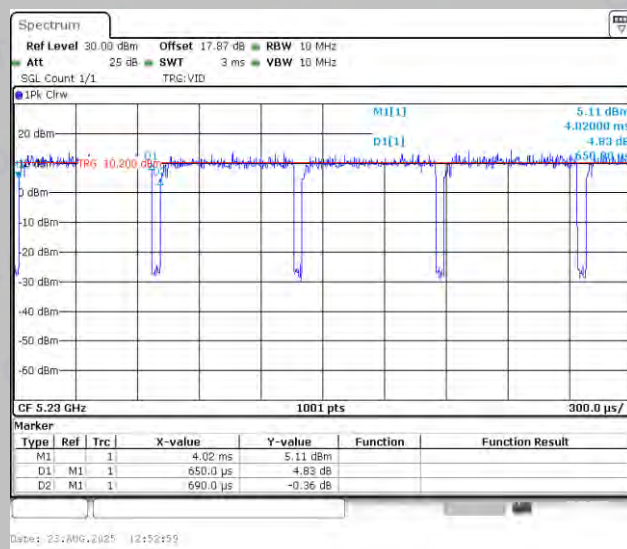
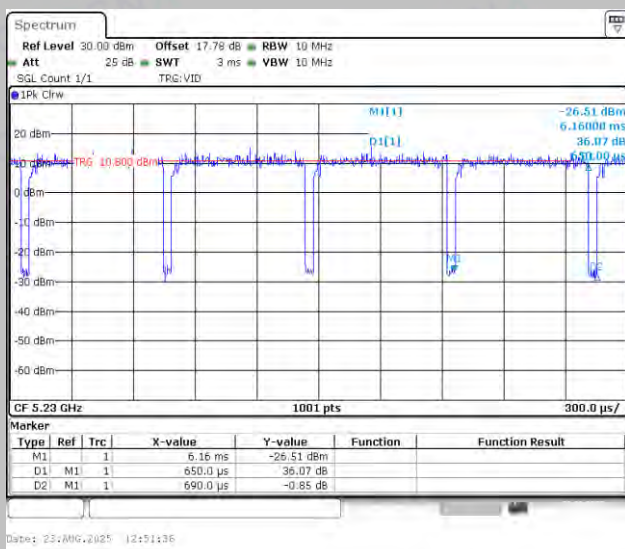


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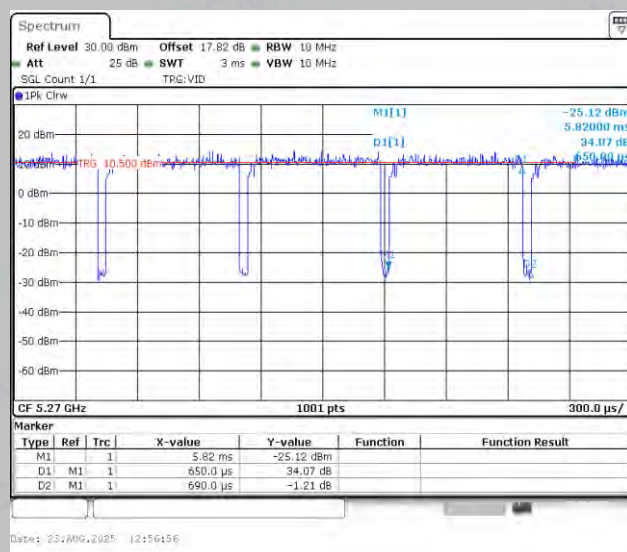
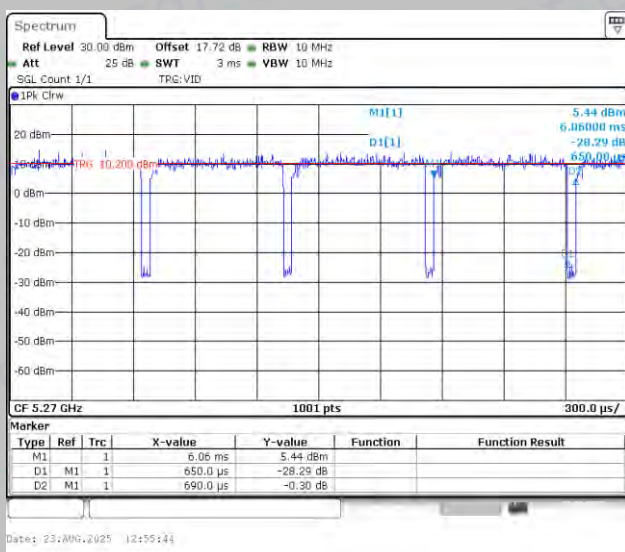
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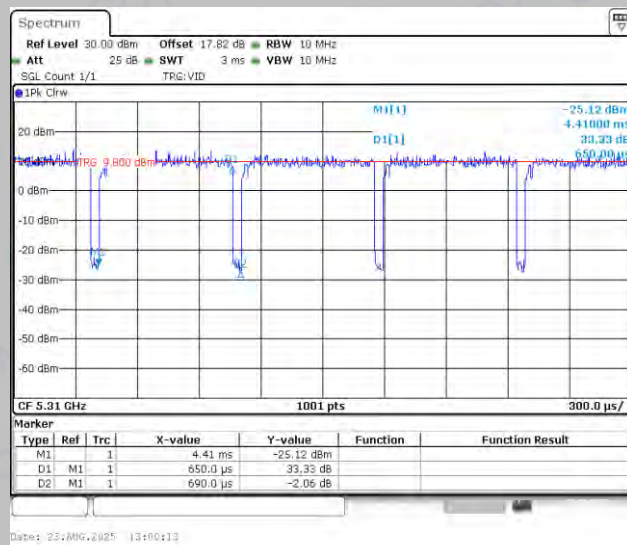
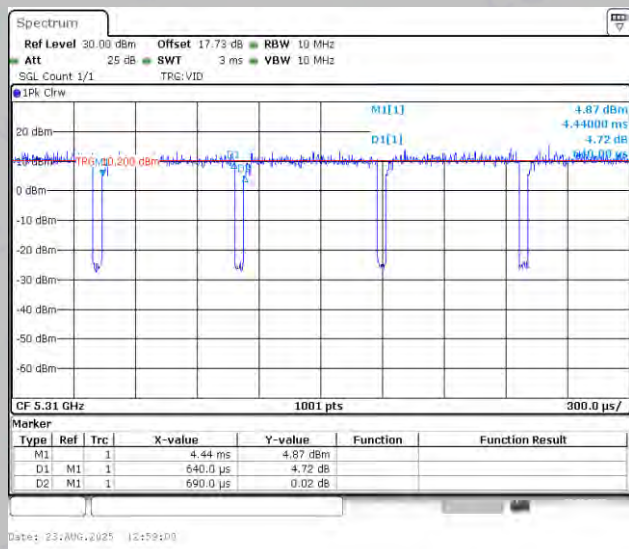
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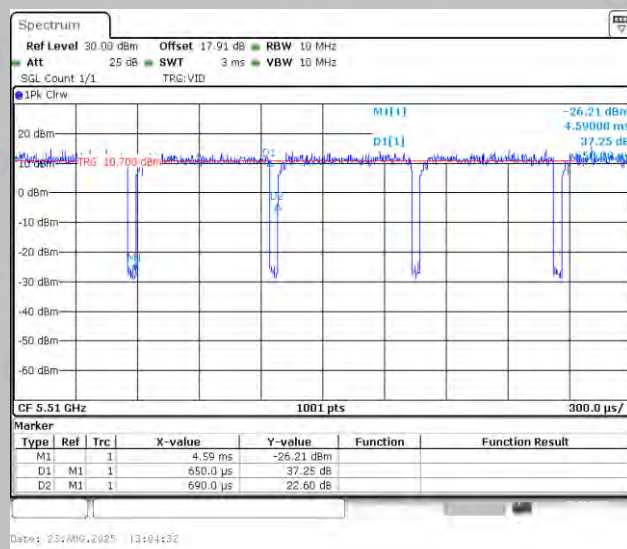
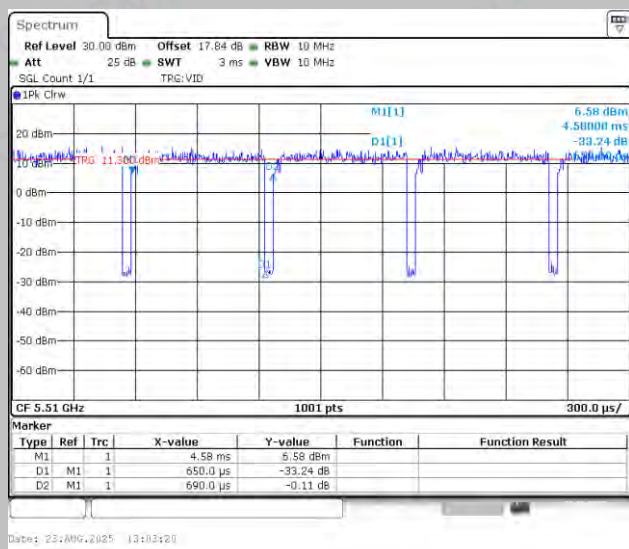
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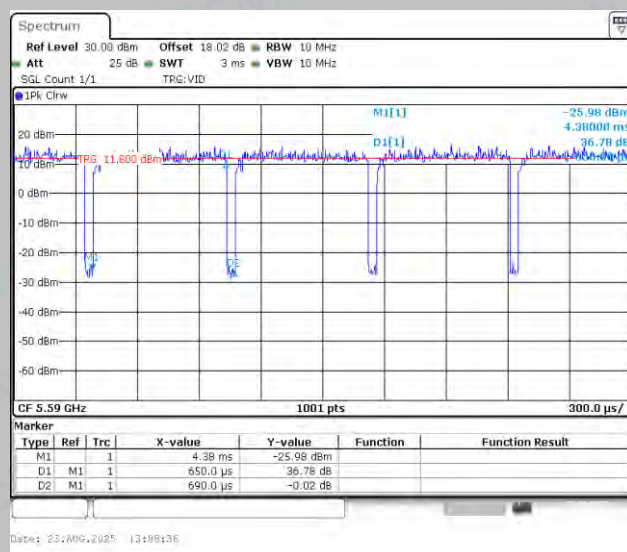
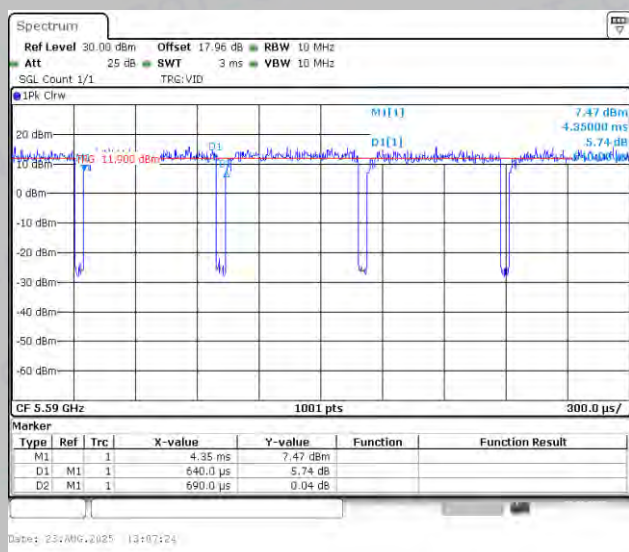
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NTNV-11N40MIMO-Ant2-5310



NTNV-11N40MIMO-Ant1-5510

NTNV-11N40MIMO-Ant2-5510



NTNV-11N40MIMO-Ant1-5590

NTNV-11N40MIMO-Ant2-5590