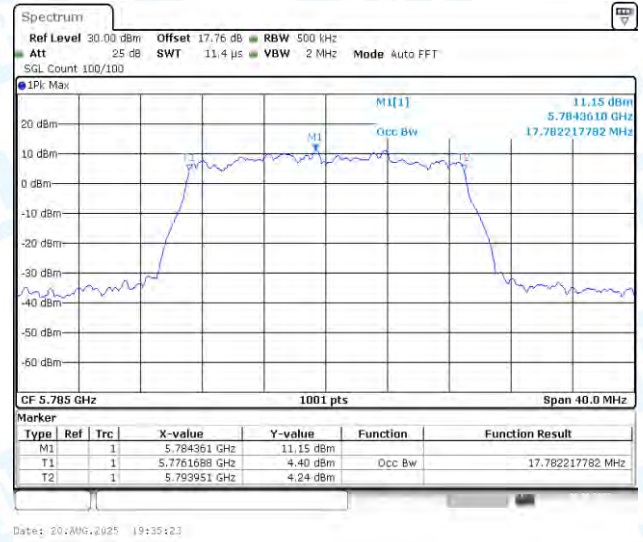
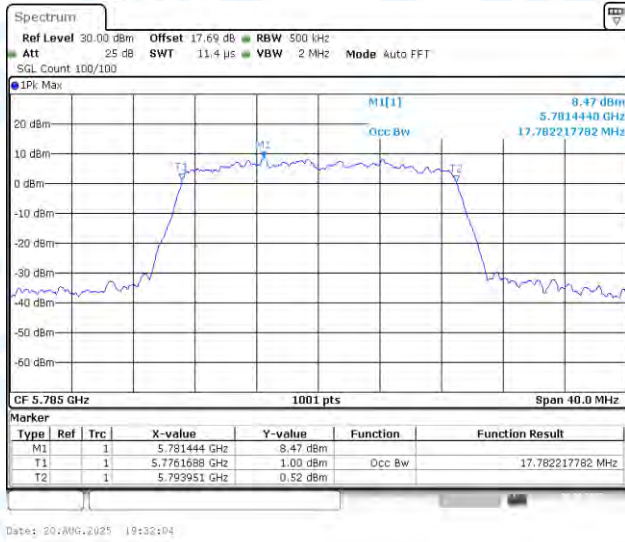
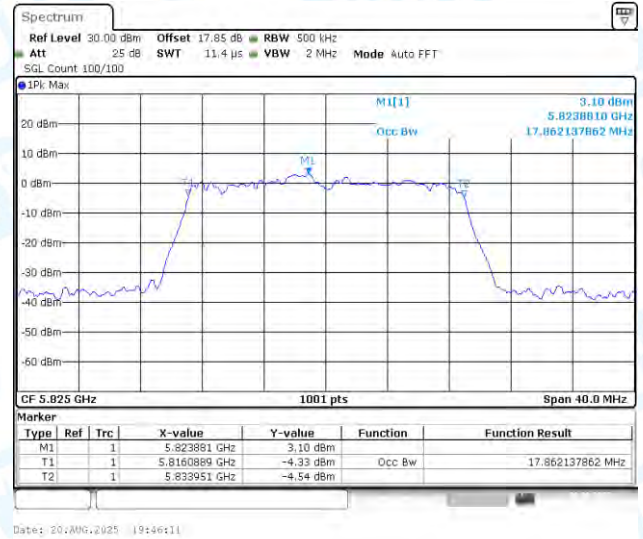
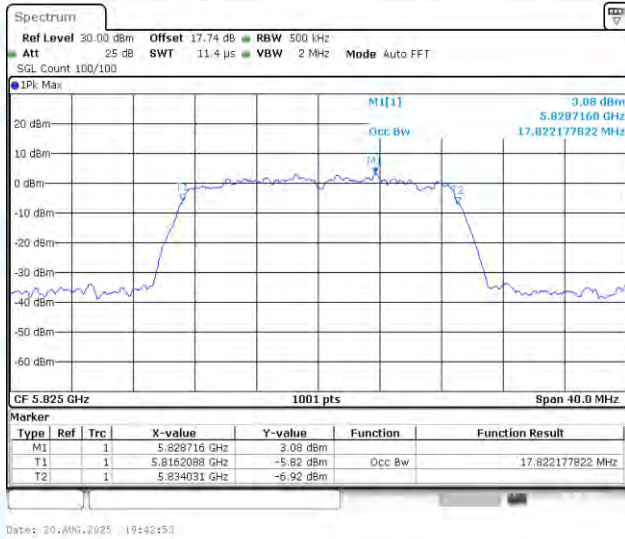




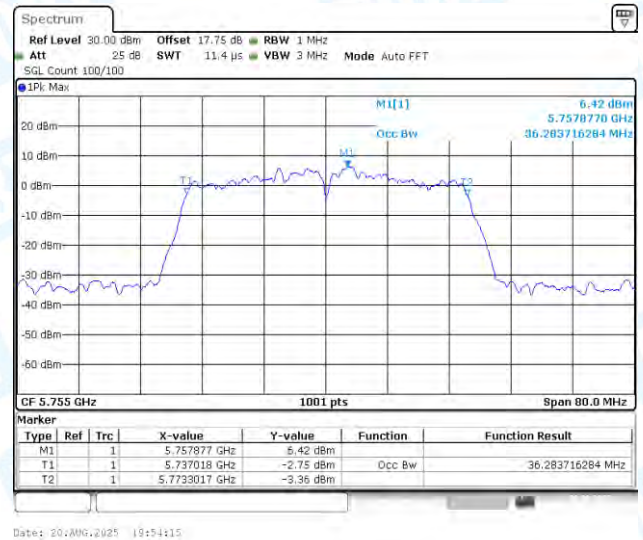
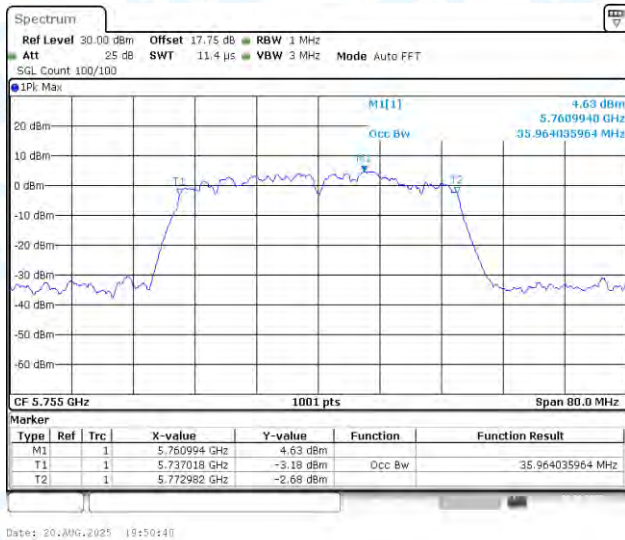
11N20MIMO-Ant1-5785

11N20MIMO-Ant2-5785



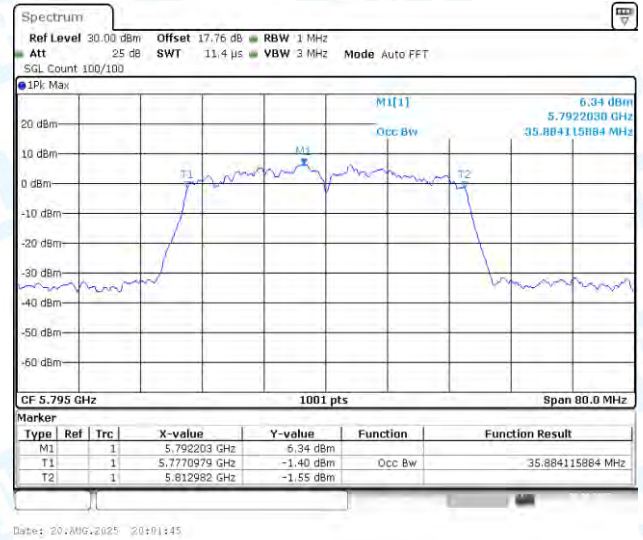
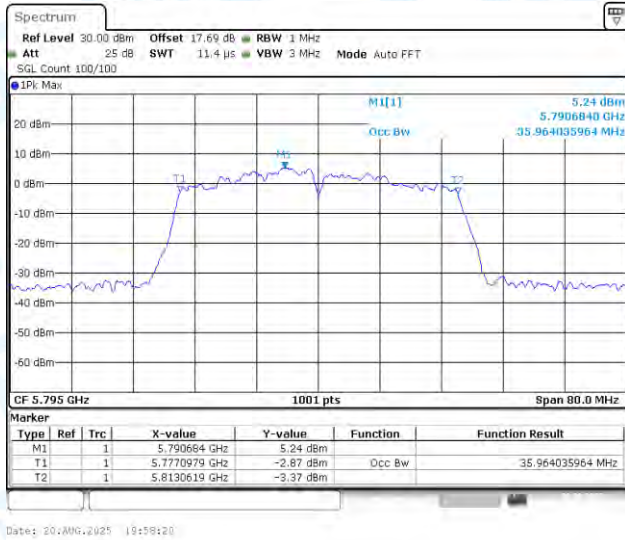
11N20MIMO-Ant1-5825

11N20MIMO-Ant2-5825



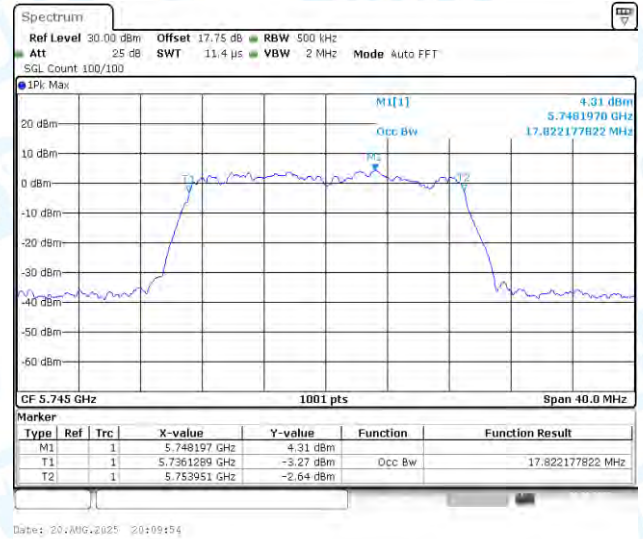
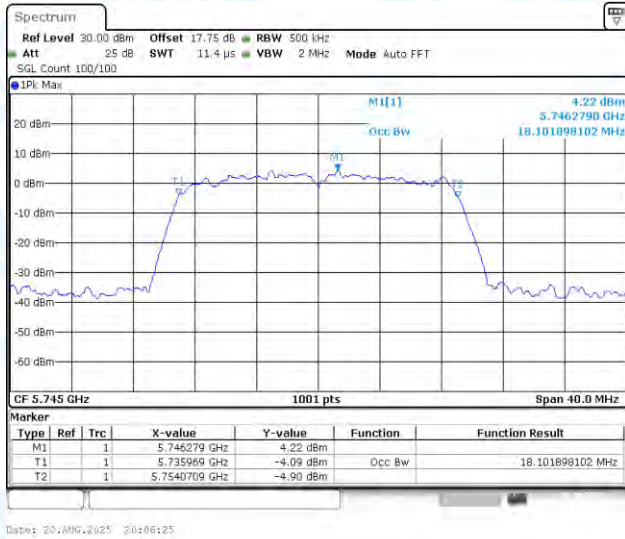
11N40MIMO-Ant1-5755

11N40MIMO-Ant2-5755



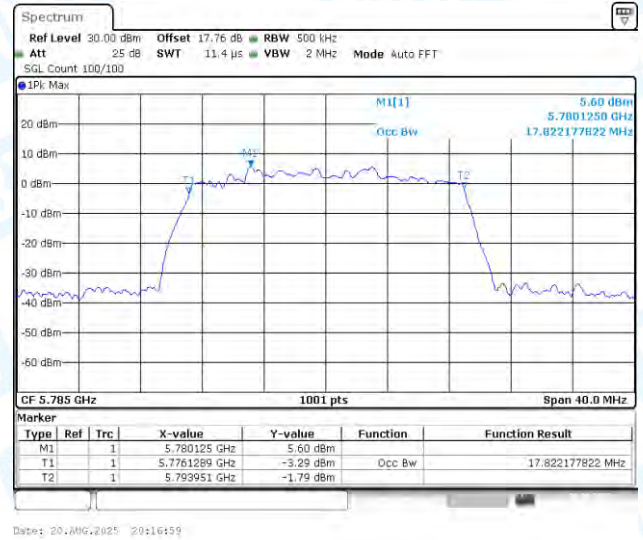
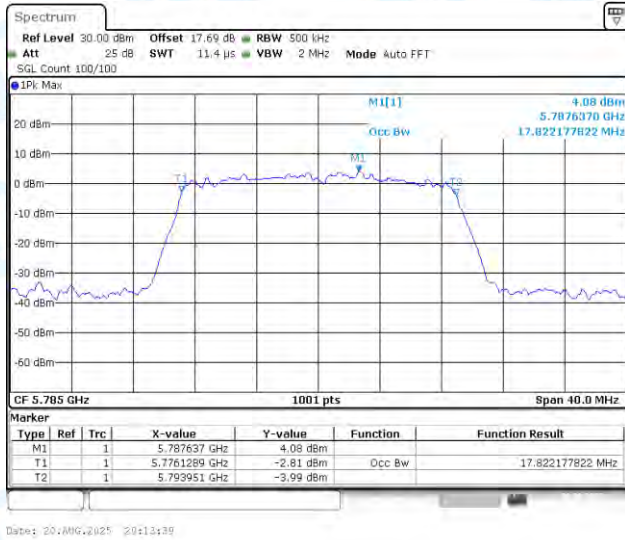
11N40MIMO-Ant1-5795

11N40MIMO-Ant2-5795



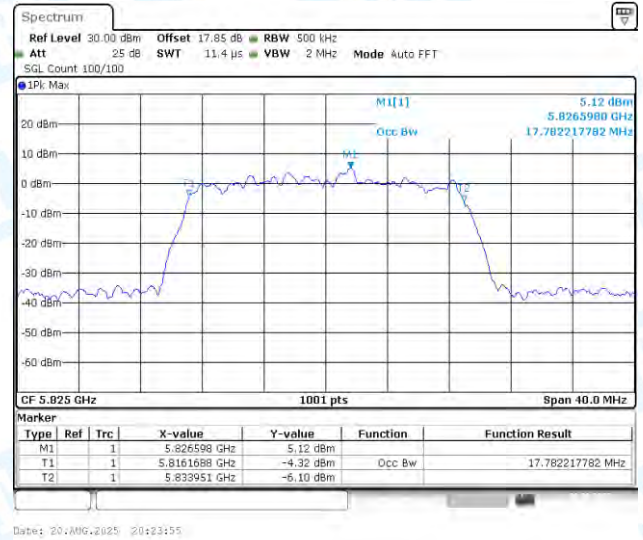
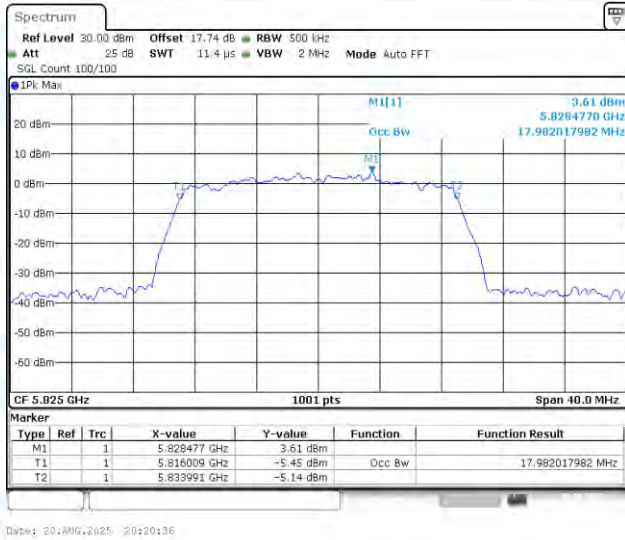
11AC20MIMO-Ant1-5745

11AC20MIMO-Ant2-5745



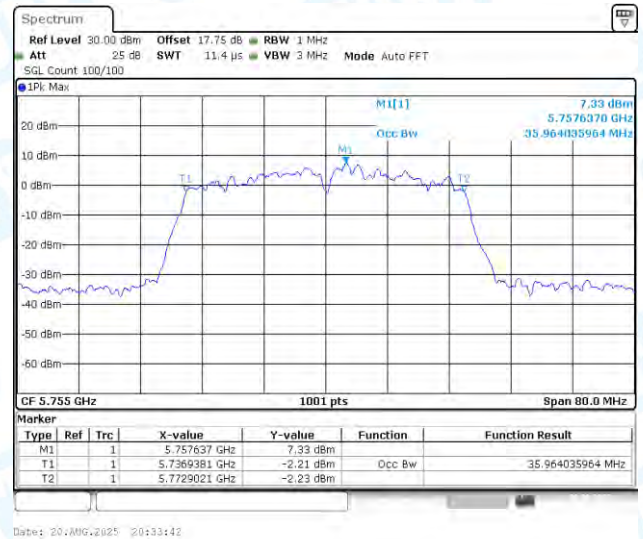
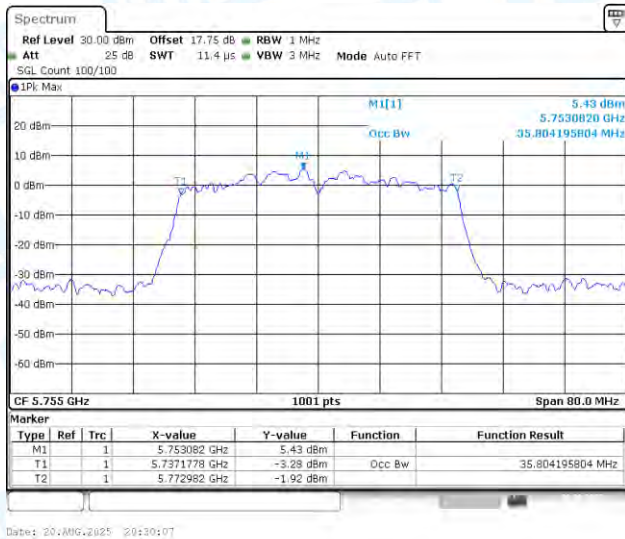
11AC20MIMO-Ant1-5785

11AC20MIMO-Ant2-5785



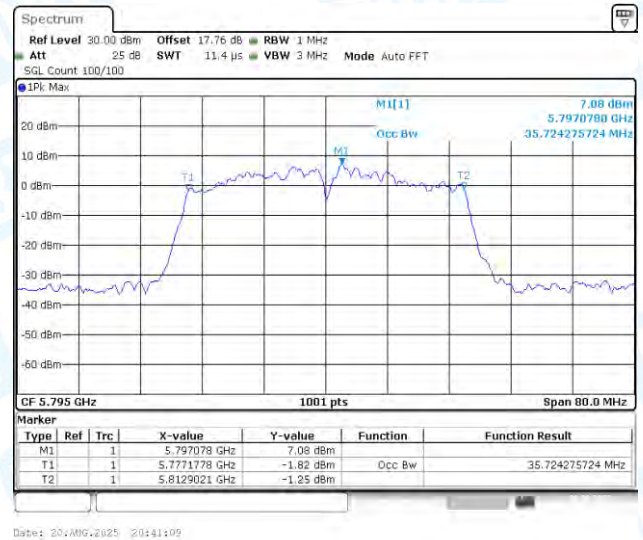
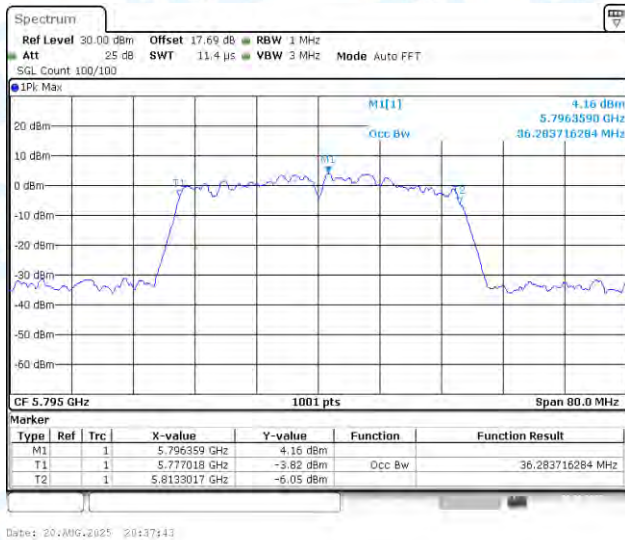
11AC20MIMO-Ant1-5825

11AC20MIMO-Ant2-5825



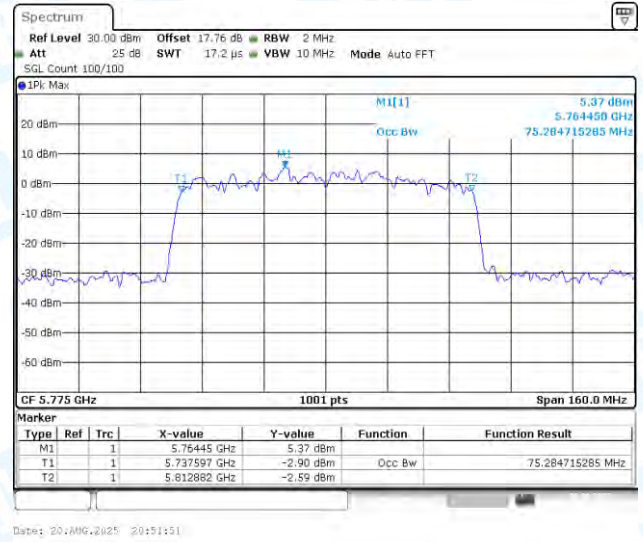
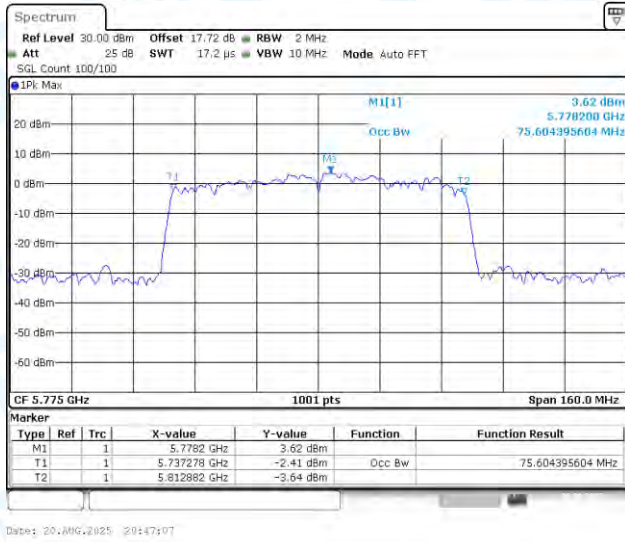
11AC40MIMO-Ant1-5755

11AC40MIMO-Ant2-5755



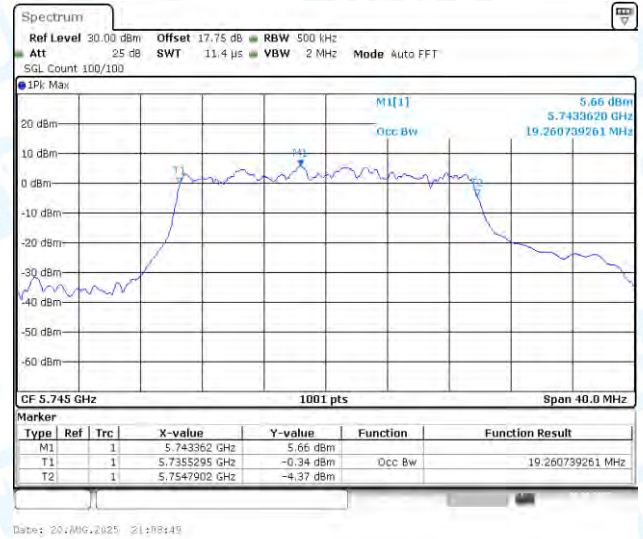
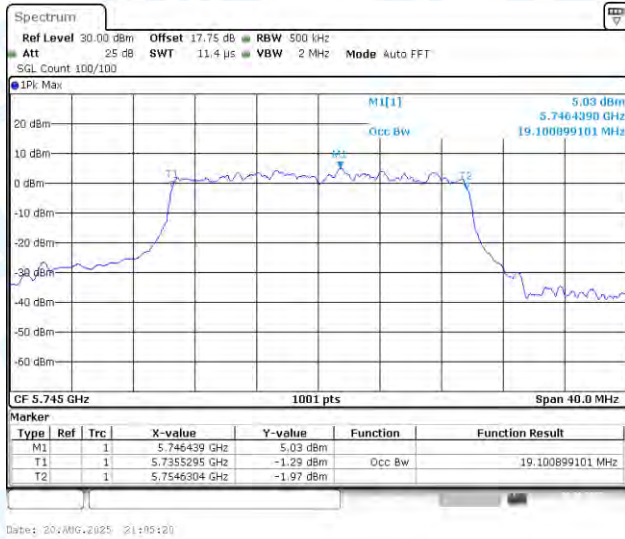
11AC40MIMO-Ant1-5795

11AC40MIMO-Ant2-5795



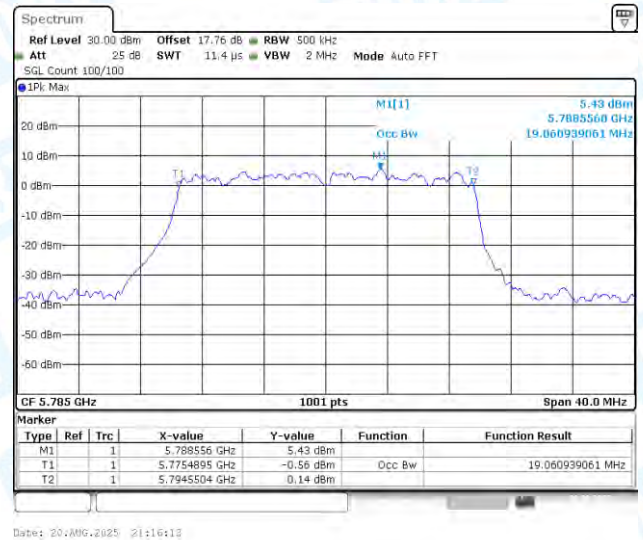
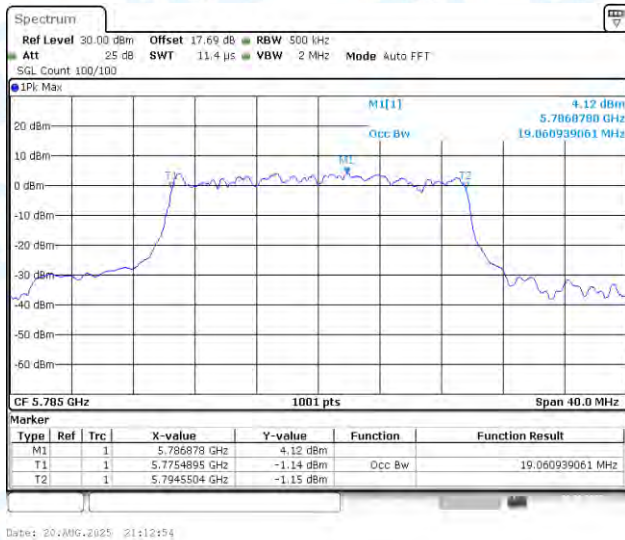
11AC80MIMO-Ant1-5775

11AC80MIMO-Ant2-5775



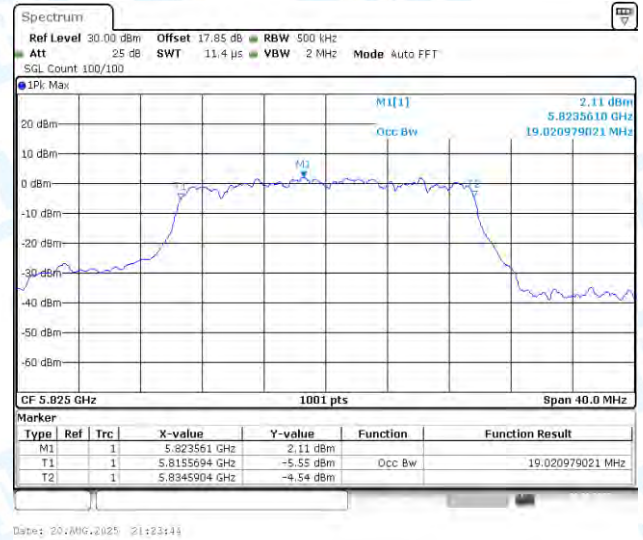
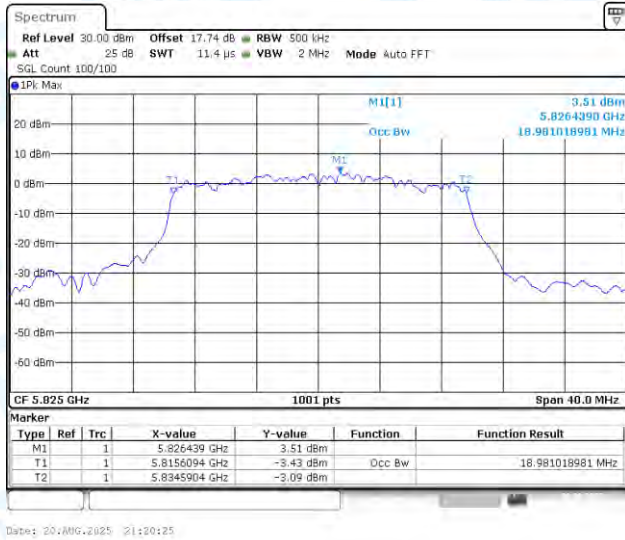
11AX20MIMO-Ant1-5745

11AX20MIMO-Ant2-5745



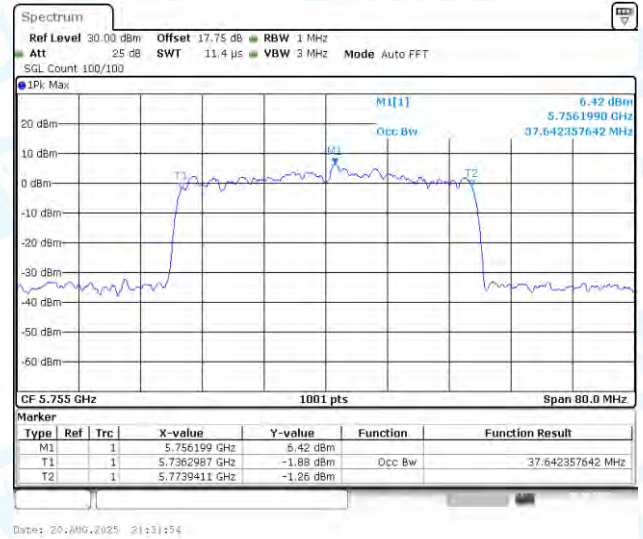
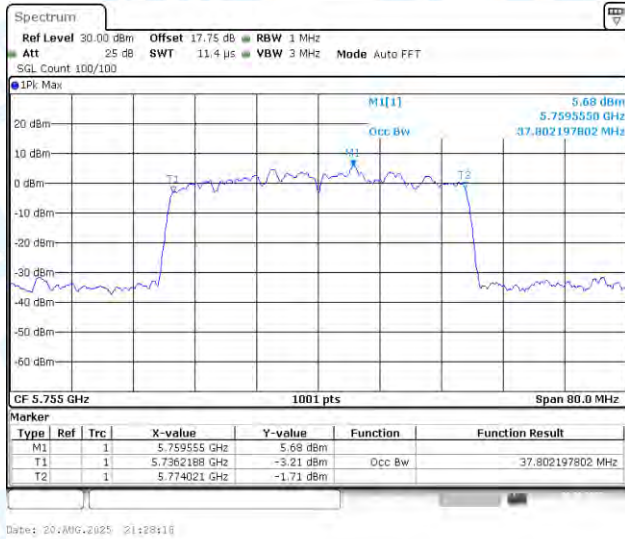
11AX20MIMO-Ant1-5785

11AX20MIMO-Ant2-5785



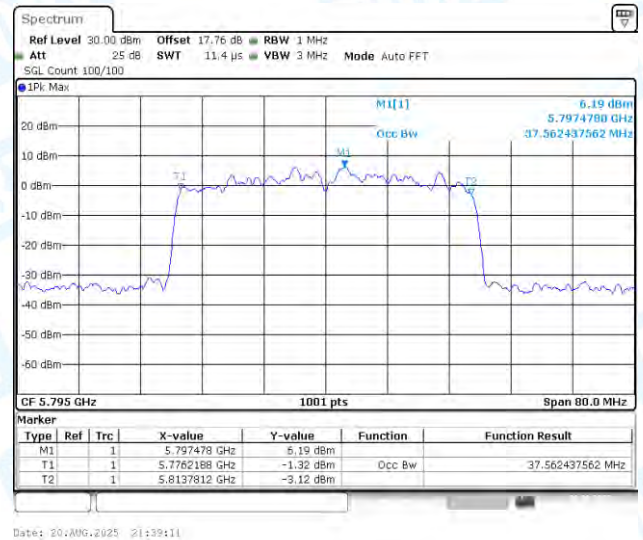
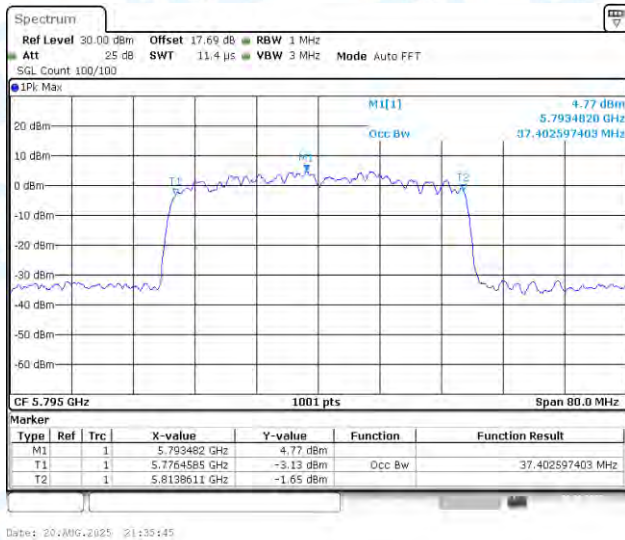
11AX20MIMO-Ant1-5825

11AX20MIMO-Ant2-5825



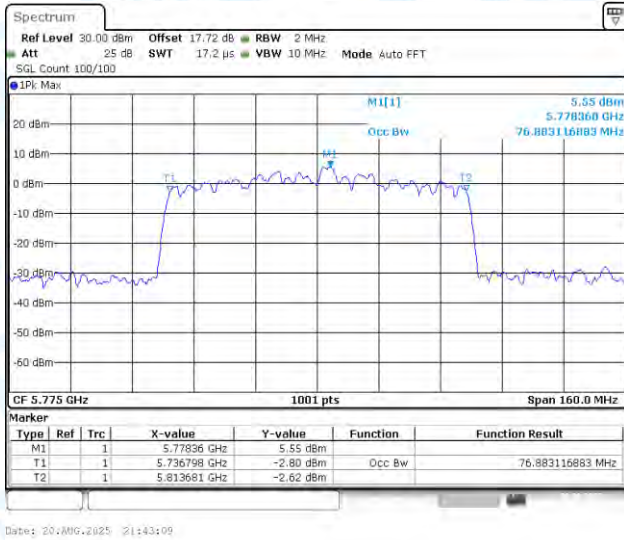
11AX40MIMO-Ant1-5755

11AX40MIMO-Ant2-5755

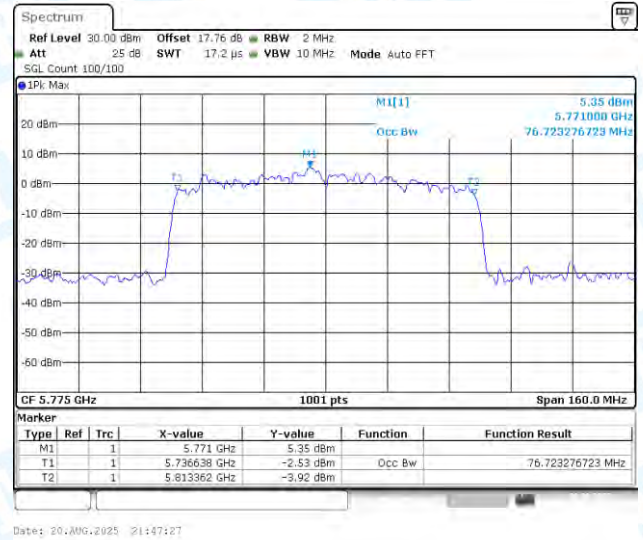


11AX40MIMO-Ant1-5795

11AX40MIMO-Ant2-5795



11AX80MIMO-Ant1-5775



11AX80MIMO-Ant2-5775

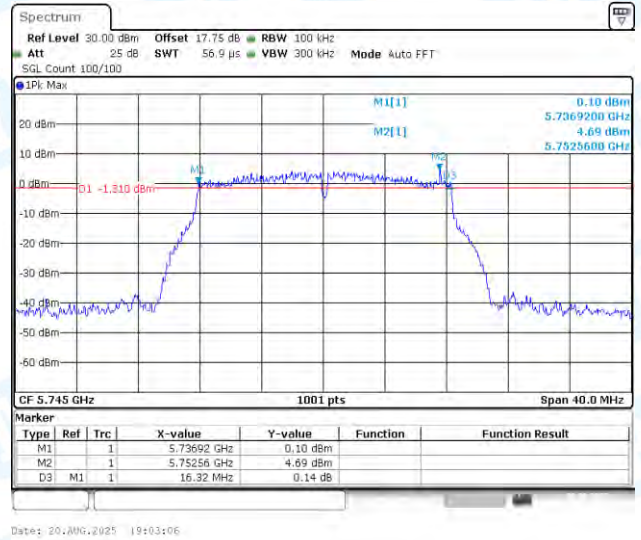
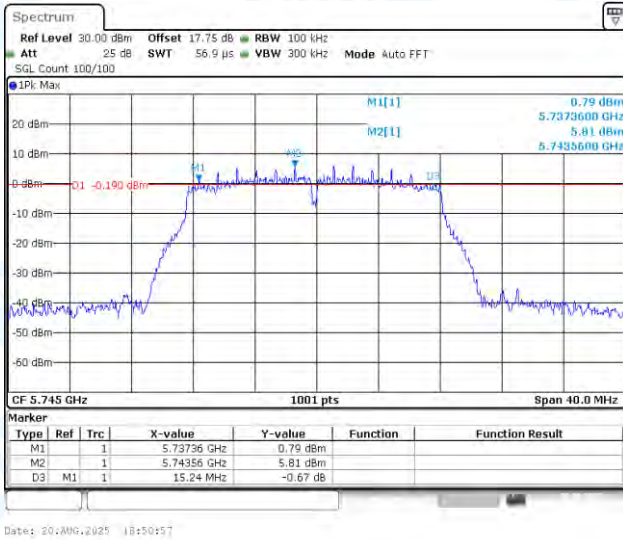
### 3: Min emission bandwidth

#### 3.1 Test Result-B4

| TestMode   | Antenna | Frequency[MHz] | 6dB EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|---------|---------|------------|---------|
| 11A        | Ant1    | 5745           | 15.24         | 5737.36 | 5752.60 | 0.5        | PASS    |
| 11A        | Ant2    | 5745           | 16.32         | 5736.92 | 5753.24 | 0.5        | PASS    |
| 11A        | Ant1    | 5785           | 16.32         | 5776.92 | 5793.24 | 0.5        | PASS    |
| 11A        | Ant2    | 5785           | 16.40         | 5776.88 | 5793.28 | 0.5        | PASS    |
| 11A        | Ant1    | 5825           | 16.28         | 5816.96 | 5833.24 | 0.5        | PASS    |
| 11A        | Ant2    | 5825           | 16.32         | 5816.92 | 5833.24 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5745           | 17.60         | 5736.28 | 5753.88 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5745           | 17.60         | 5736.28 | 5753.88 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5785           | 17.28         | 5776.32 | 5793.60 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5785           | 17.64         | 5776.24 | 5793.88 | 0.5        | PASS    |
| 11N20MIMO  | Ant1    | 5825           | 13.88         | 5818.76 | 5832.64 | 0.5        | PASS    |
| 11N20MIMO  | Ant2    | 5825           | 17.56         | 5816.28 | 5833.84 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5755           | 35.20         | 5737.48 | 5772.68 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 5755           | 25.92         | 5740.04 | 5765.96 | 0.5        | PASS    |
| 11N40MIMO  | Ant1    | 5795           | 32.56         | 5777.56 | 5810.12 | 0.5        | PASS    |
| 11N40MIMO  | Ant2    | 5795           | 33.84         | 5778.76 | 5812.60 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5745           | 13.88         | 5737.52 | 5751.40 | 0.5        | PASS    |
| 11AC20MIMO | Ant2    | 5745           | 17.60         | 5736.28 | 5753.88 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5785           | 17.56         | 5776.28 | 5793.84 | 0.5        | PASS    |
| 11AC20MIMO | Ant2    | 5785           | 17.60         | 5776.28 | 5793.88 | 0.5        | PASS    |
| 11AC20MIMO | Ant1    | 5825           | 16.56         | 5816.92 | 5833.48 | 0.5        | PASS    |
| 11AC20MIMO | Ant2    | 5825           | 15.68         | 5816.92 | 5832.60 | 0.5        | PASS    |
| 11AC40MIMO | Ant1    | 5755           | 35.12         | 5737.48 | 5772.60 | 0.5        | PASS    |
| 11AC40MIMO | Ant2    | 5755           | 31.28         | 5737.56 | 5768.84 | 0.5        | PASS    |
| 11AC40MIMO | Ant1    | 5795           | 35.20         | 5777.48 | 5812.68 | 0.5        | PASS    |
| 11AC40MIMO | Ant2    | 5795           | 32.64         | 5779.96 | 5812.60 | 0.5        | PASS    |
| 11AC80MIMO | Ant1    | 5775           | 68.80         | 5743.80 | 5812.60 | 0.5        | PASS    |
| 11AC80MIMO | Ant2    | 5775           | 65.12         | 5743.80 | 5808.92 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 5745           | 18.44         | 5735.88 | 5754.32 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 5745           | 18.64         | 5735.72 | 5754.36 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 5785           | 18.28         | 5776.20 | 5794.48 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 5785           | 18.72         | 5775.76 | 5794.48 | 0.5        | PASS    |
| 11AX20MIMO | Ant1    | 5825           | 18.80         | 5815.76 | 5834.56 | 0.5        | PASS    |
| 11AX20MIMO | Ant2    | 5825           | 18.96         | 5815.56 | 5834.52 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 5755           | 36.32         | 5737.00 | 5773.32 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 5755           | 35.60         | 5737.00 | 5772.60 | 0.5        | PASS    |
| 11AX40MIMO | Ant1    | 5795           | 35.04         | 5777.56 | 5812.60 | 0.5        | PASS    |
| 11AX40MIMO | Ant2    | 5795           | 35.60         | 5777.48 | 5813.08 | 0.5        | PASS    |
| 11AX80MIMO | Ant1    | 5775           | 75.04         | 5737.56 | 5812.60 | 0.5        | PASS    |
| 11AX80MIMO | Ant2    | 5775           | 75.04         | 5737.56 | 5812.60 | 0.5        | PASS    |

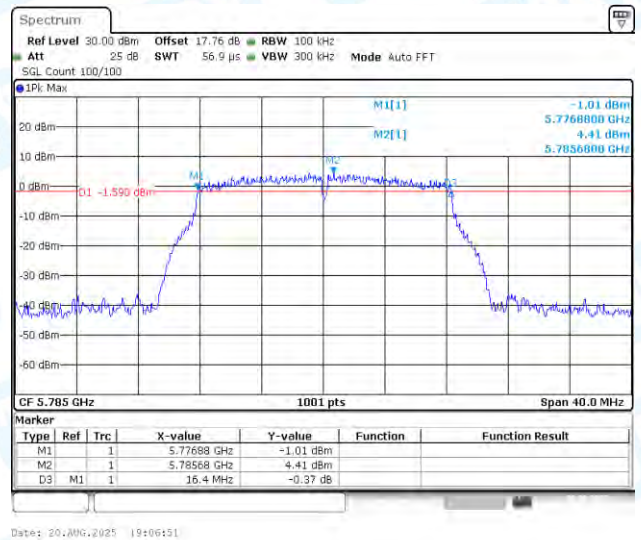
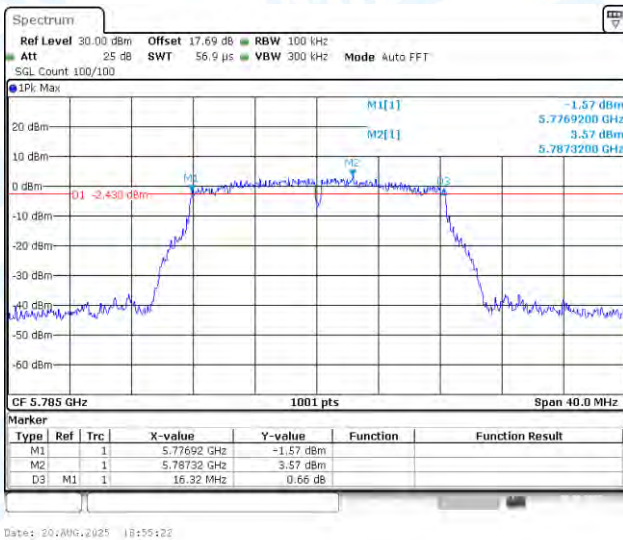
Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

### 3.2 Test Graphs-B4



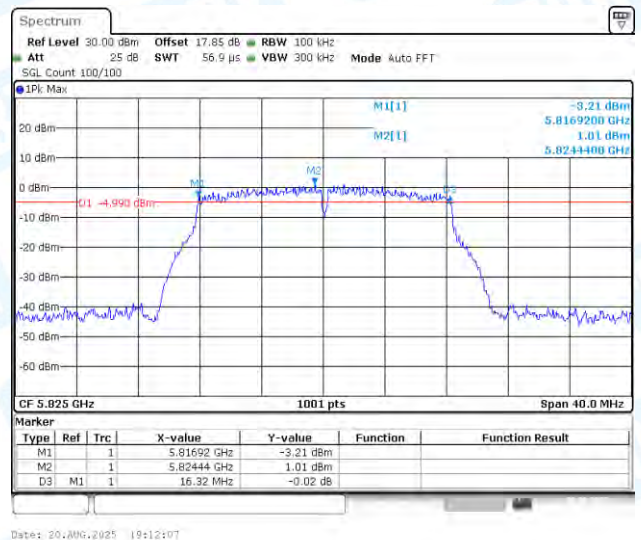
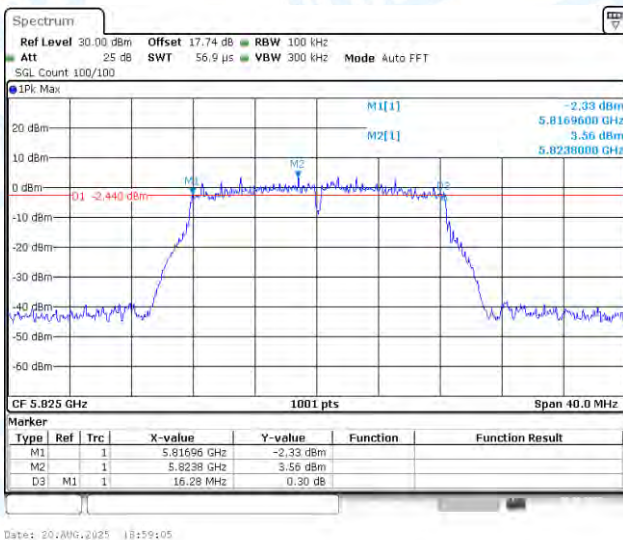
11A-Ant1-5745-PASS

11A-Ant2-5745-PASS



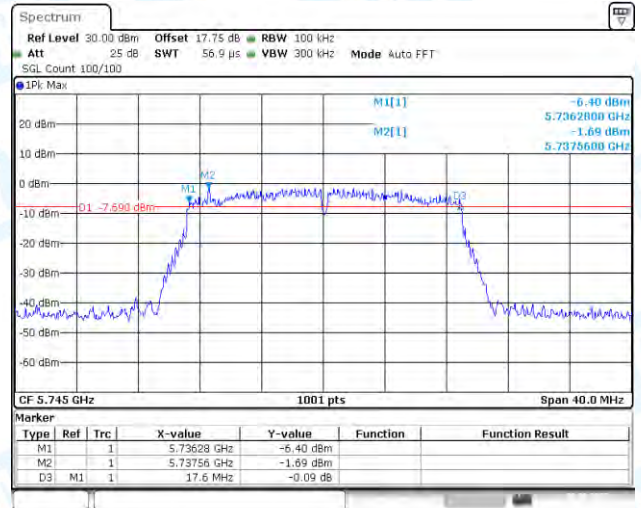
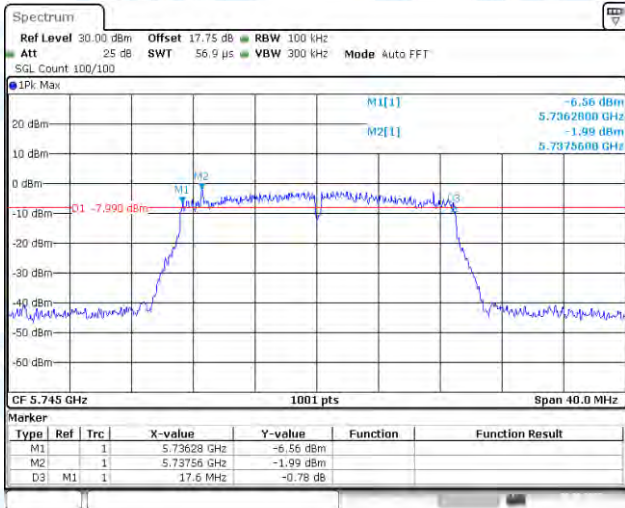
11A-Ant1-5785-PASS

11A-Ant2-5785-PASS



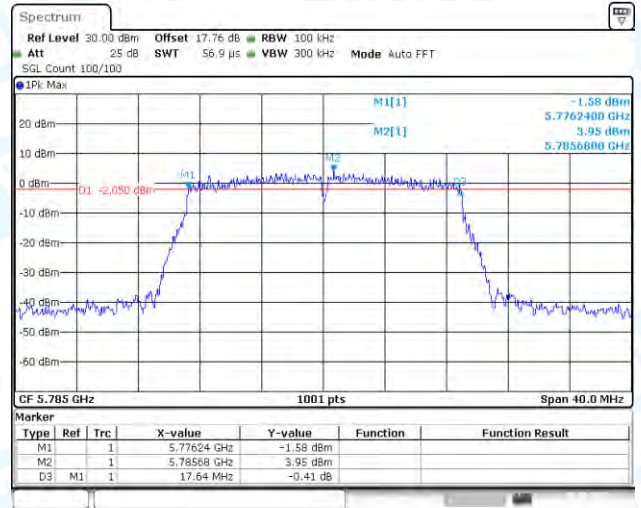
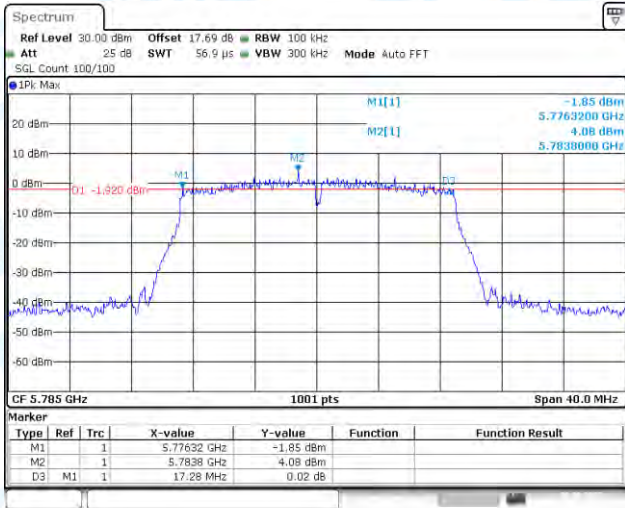
11A-Ant1-5825-PASS

11A-Ant2-5825-PASS



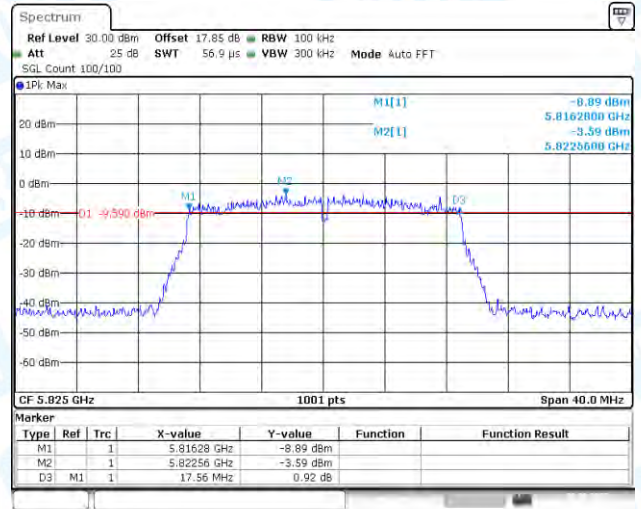
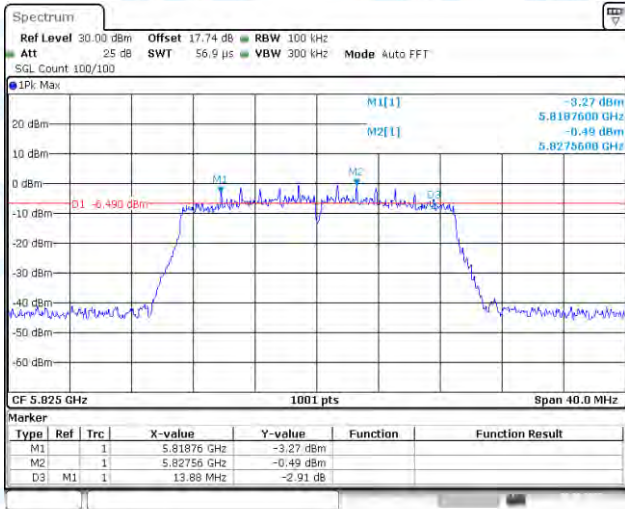
11N20MIMO-Ant1-5745-PASS

11N20MIMO-Ant2-5745-PASS



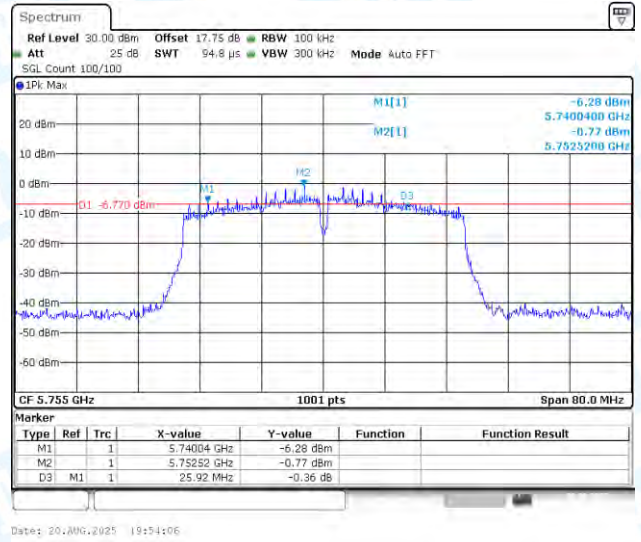
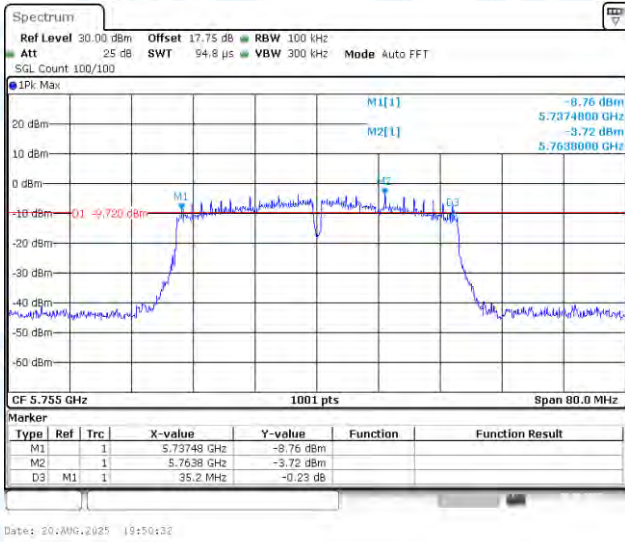
11N20MIMO-Ant1-5785-PASS

11N20MIMO-Ant2-5785-PASS



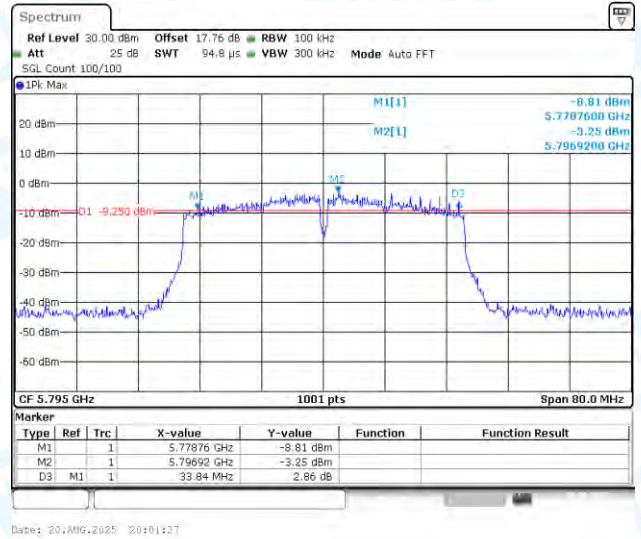
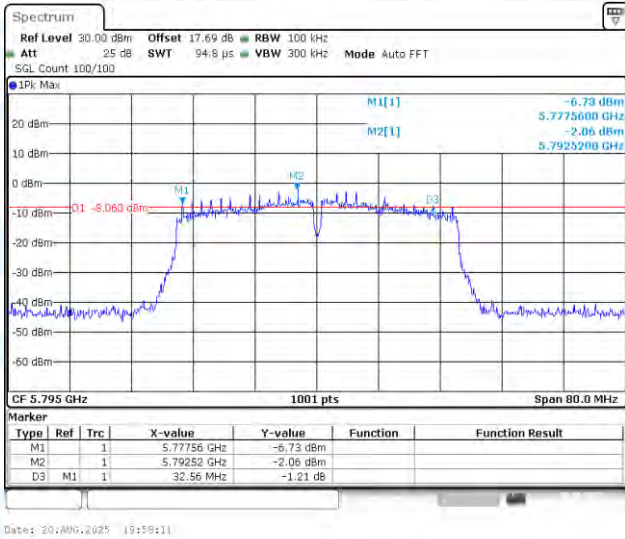
11N20MIMO-Ant1-5825-PASS

11N20MIMO-Ant2-5825-PASS



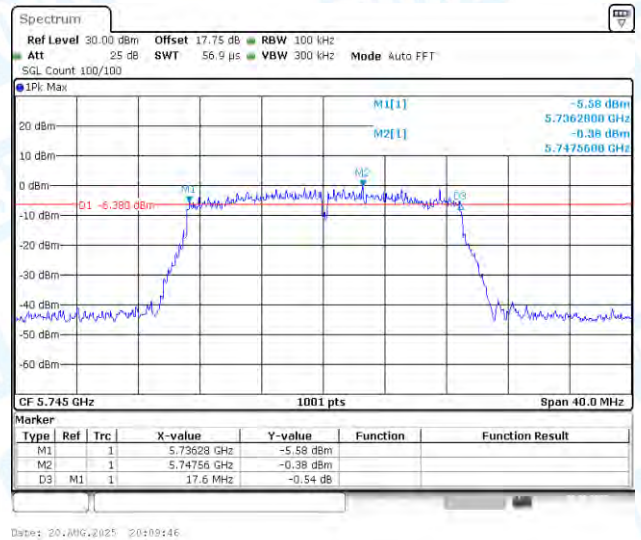
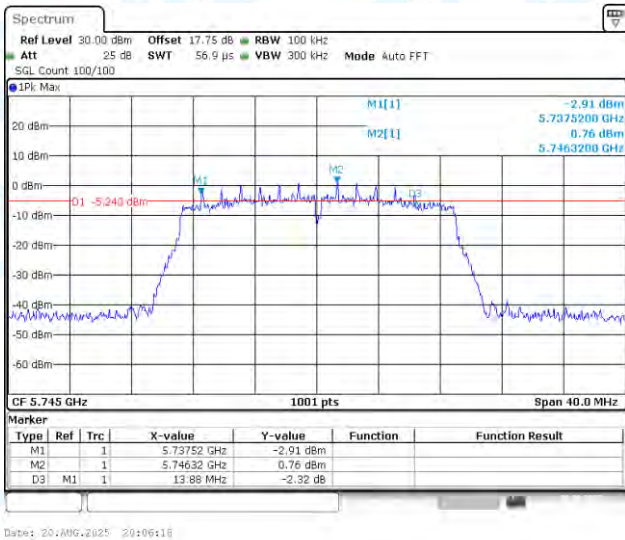
11N40MIMO-Ant1-5755-PASS

11N40MIMO-Ant2-5755-PASS



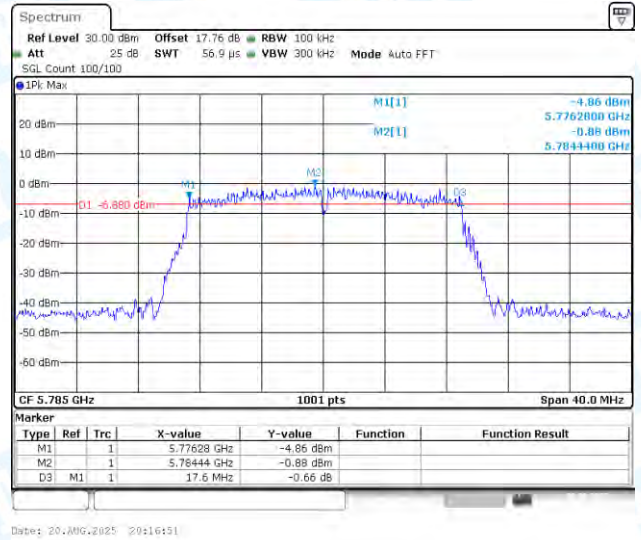
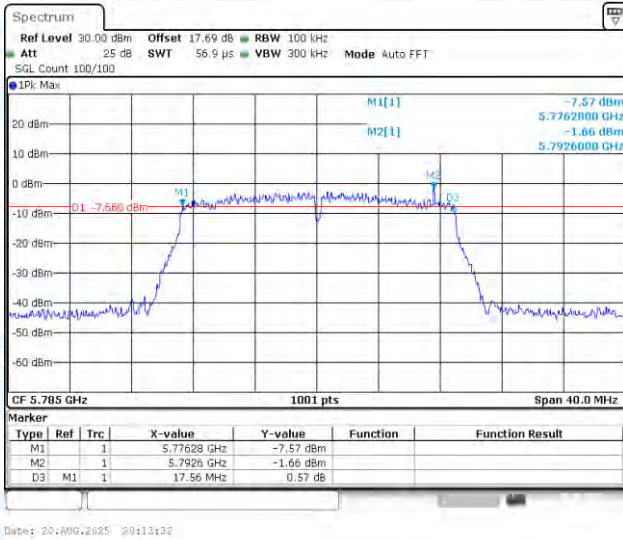
11N40MIMO-Ant1-5795-PASS

11N40MIMO-Ant2-5795-PASS



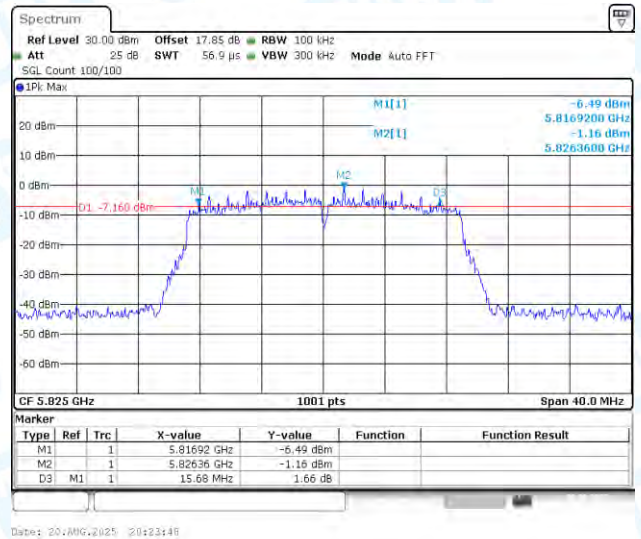
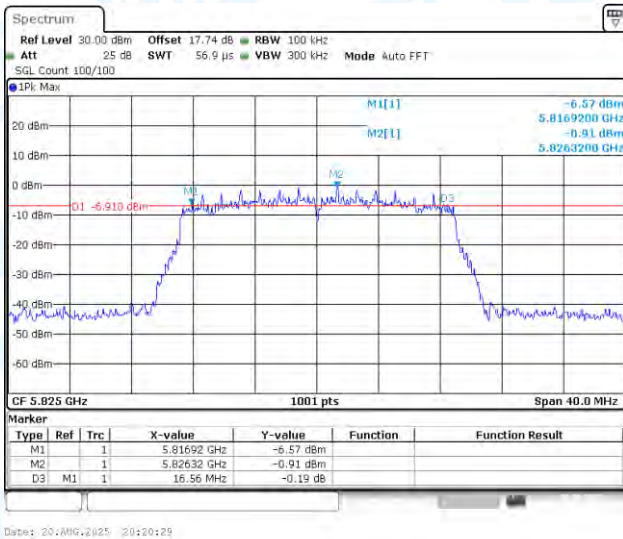
11AC20MIMO-Ant1-5745-PASS

11AC20MIMO-Ant2-5745-PASS



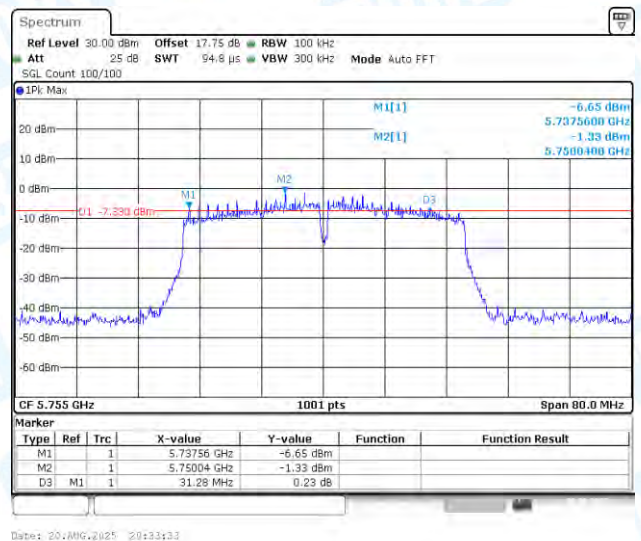
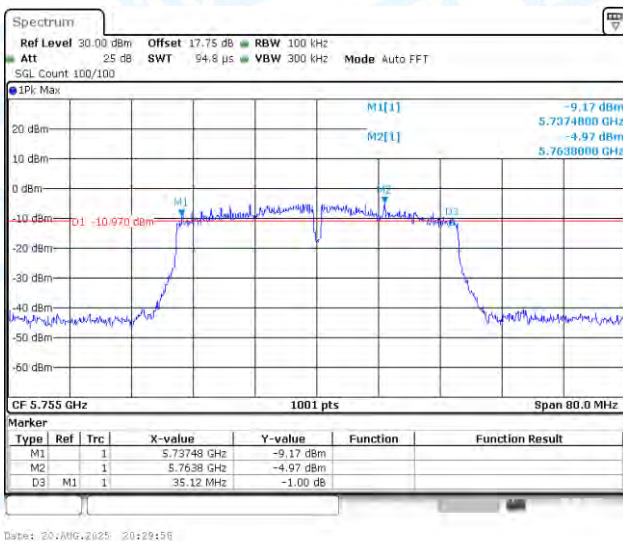
11AC20MIMO-Ant1-5785-PASS

11AC20MIMO-Ant2-5785-PASS



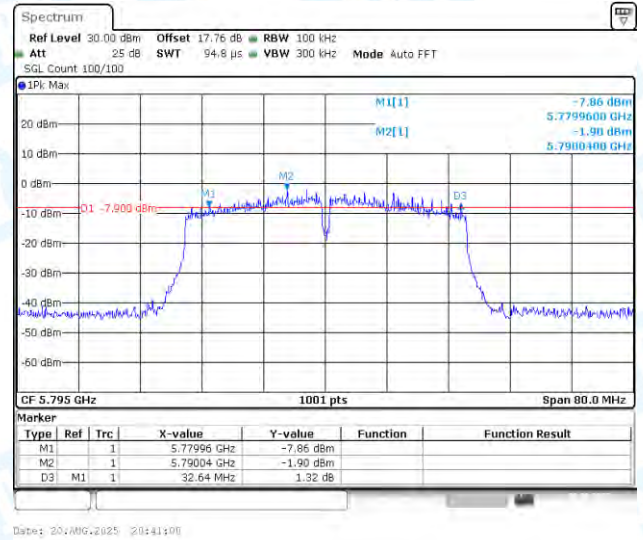
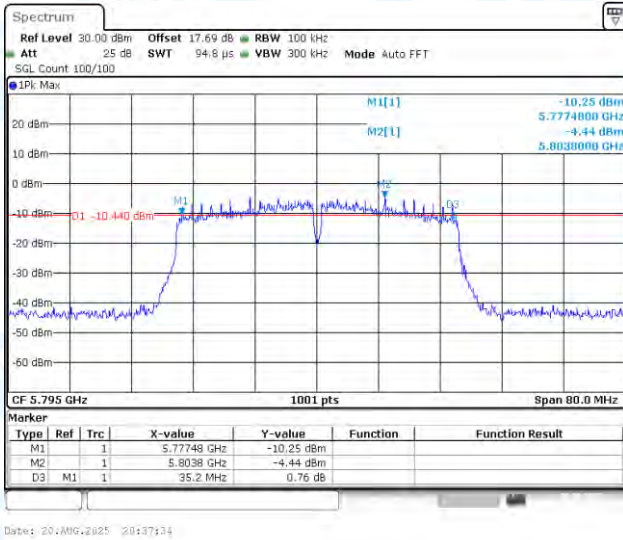
11AC20MIMO-Ant1-5825-PASS

11AC20MIMO-Ant2-5825-PASS



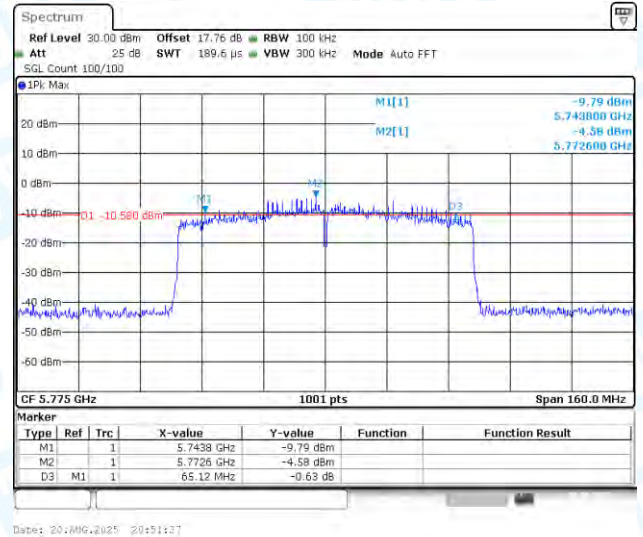
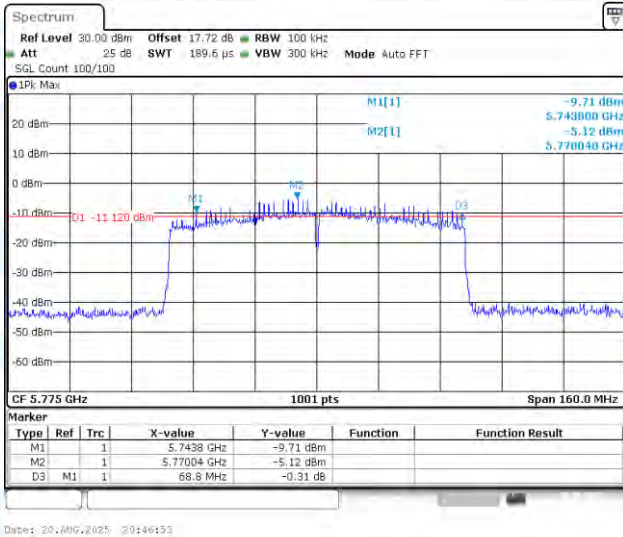
11AC40MIMO-Ant1-5755-PASS

11AC40MIMO-Ant2-5755-PASS



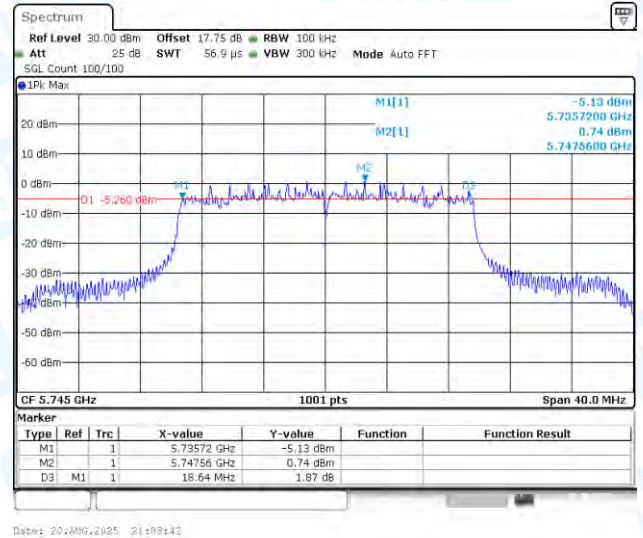
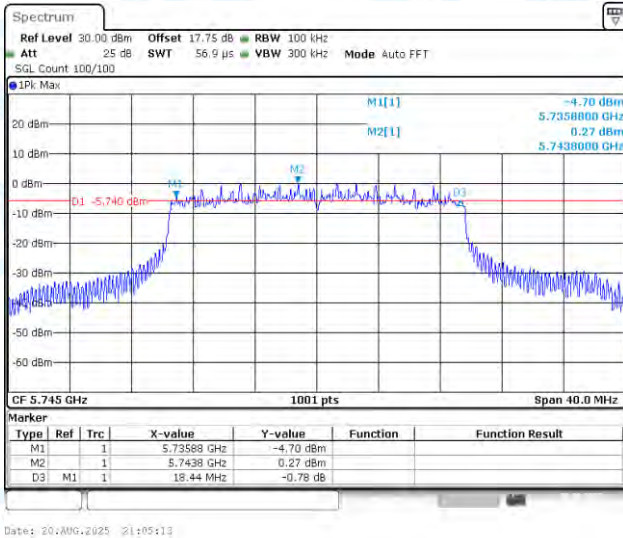
11AC40MIMO-Ant1-5795-PASS

11AC40MIMO-Ant2-5795-PASS



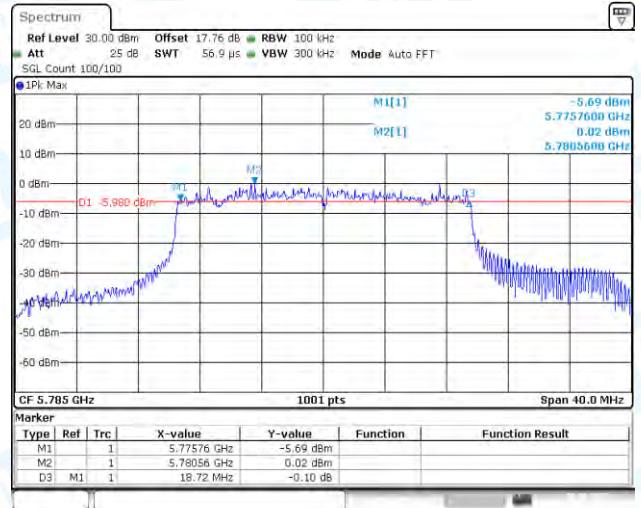
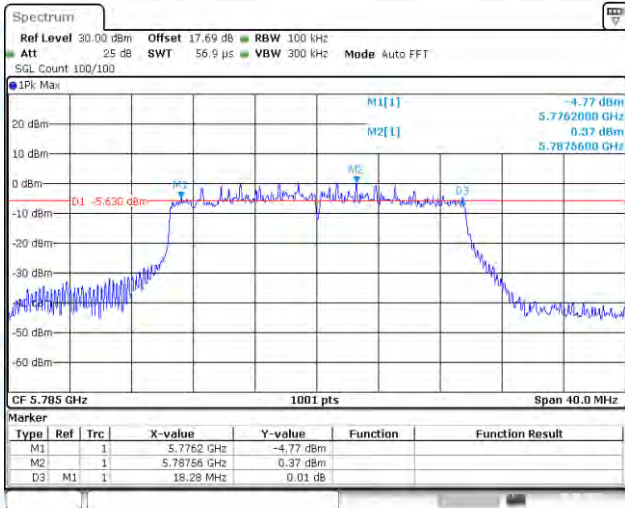
11AC80MIMO-Ant1-5775-PASS

11AC80MIMO-Ant2-5775-PASS



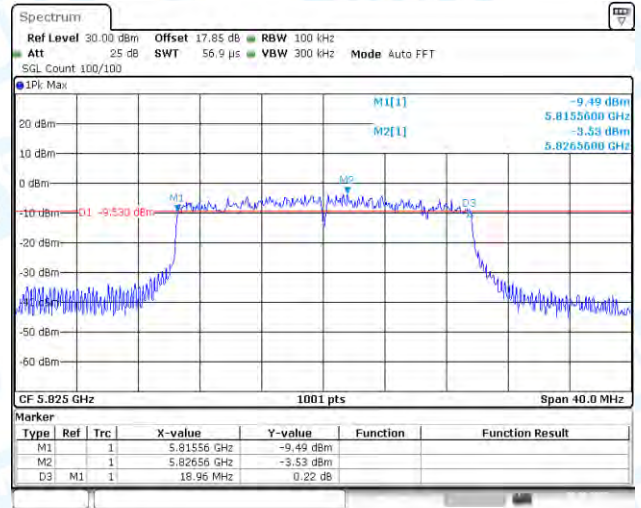
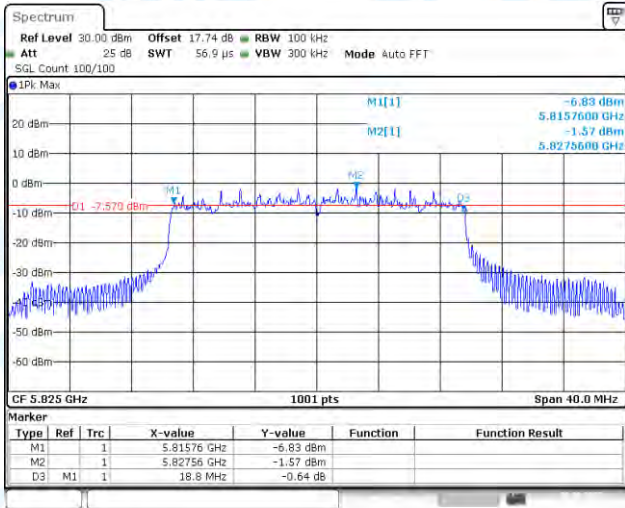
11AX20MIMO-Ant1-5745-PASS

11AX20MIMO-Ant2-5745-PASS



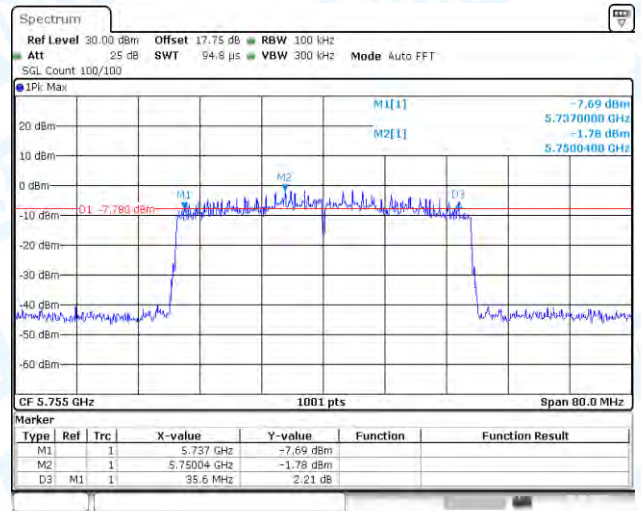
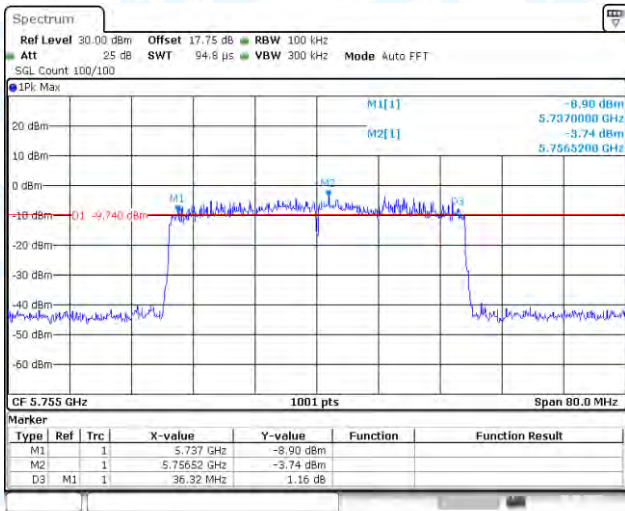
11AX20MIMO-Ant1-5785-PASS

11AX20MIMO-Ant2-5785-PASS



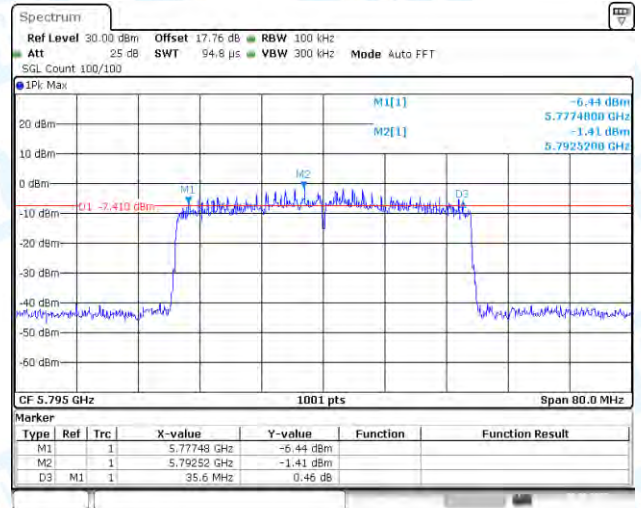
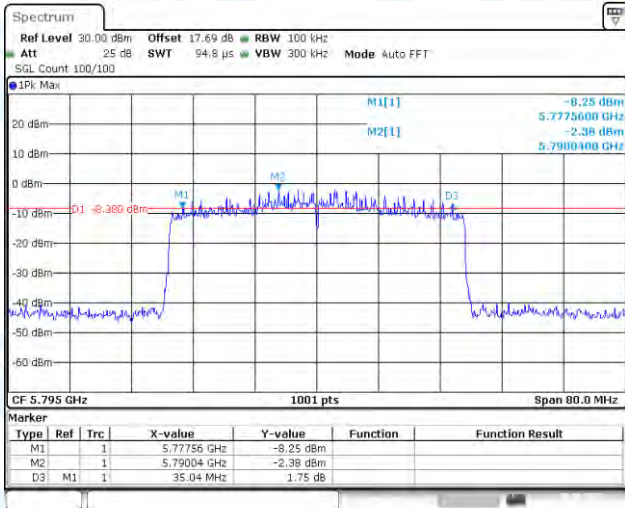
11AX20MIMO-Ant1-5825-PASS

11AX20MIMO-Ant2-5825-PASS



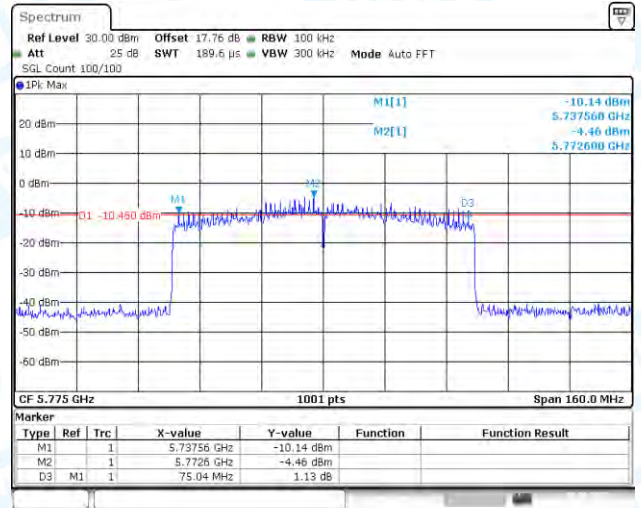
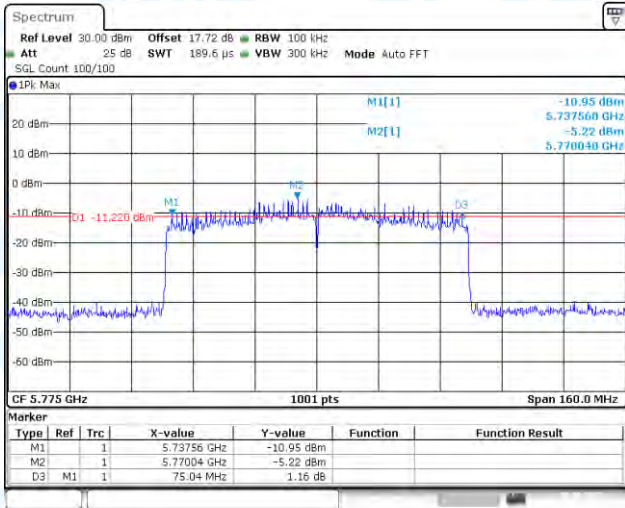
11AX40MIMO-Ant1-5755-PASS

11AX40MIMO-Ant2-5755-PASS



11AX40MIMO-Ant1-5795-PASS

11AX40MIMO-Ant2-5795-PASS



11AX80MIMO-Ant1-5775-PASS

11AX80MIMO-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                       | 1.71                     | 81.29          | 0.90      | 0.72      |
| 11A        | Ant2    | 5180            | 1.40                       | 1.60                     | 87.50          | 0.58      | 0.71      |
| 11N20MIMO  | Ant1    | 5180            | 1.30                       | 1.36                     | 95.59          | 0.20      | 0.77      |
| 11N20MIMO  | Ant2    | 5180            | 1.31                       | 1.37                     | 95.62          | 0.19      | 0.76      |
| 11N40MIMO  | Ant1    | 5190            | 0.64                       | 0.70                     | 91.43          | 0.39      | 1.56      |
| 11N40MIMO  | Ant2    | 5190            | 0.65                       | 0.71                     | 91.55          | 0.38      | 1.54      |
| 11AC20MIMO | Ant1    | 5180            | 0.69                       | 0.75                     | 92.00          | 0.36      | 1.45      |
| 11AC20MIMO | Ant2    | 5180            | 0.69                       | 0.75                     | 92.00          | 0.36      | 1.45      |
| 11AC40MIMO | Ant1    | 5190            | 0.35                       | 0.56                     | 62.50          | 2.04      | 2.86      |
| 11AC40MIMO | Ant2    | 5190            | 0.35                       | 0.55                     | 63.64          | 1.96      | 2.86      |
| 11AC80MIMO | Ant1    | 5210            | 0.19                       | 0.39                     | 48.72          | 3.12      | 5.26      |
| 11AC80MIMO | Ant2    | 5210            | 0.19                       | 0.39                     | 48.72          | 3.12      | 5.26      |
| 11AX20MIMO | Ant1    | 5180            | 0.54                       | 0.74                     | 72.97          | 1.37      | 1.85      |
| 11AX20MIMO | Ant2    | 5180            | 0.54                       | 0.74                     | 72.97          | 1.37      | 1.85      |
| 11AX40MIMO | Ant1    | 5190            | 0.30                       | 0.51                     | 58.82          | 2.30      | 3.33      |
| 11AX40MIMO | Ant2    | 5190            | 0.30                       | 0.50                     | 60.00          | 2.22      | 3.33      |
| 11AX80MIMO | Ant1    | 5210            | 0.17                       | 0.37                     | 45.95          | 3.38      | 5.88      |
| 11AX80MIMO | Ant2    | 5210            | 0.18                       | 0.38                     | 47.37          | 3.24      | 5.56      |
| 11A        | Ant1    | 5745            | 1.39                       | 1.60                     | 86.88          | 0.61      | 0.72      |
| 11A        | Ant2    | 5745            | 1.40                       | 1.60                     | 87.50          | 0.58      | 0.71      |
| 11N20MIMO  | Ant1    | 5745            | 1.31                       | 1.52                     | 86.18          | 0.65      | 0.76      |
| 11N20MIMO  | Ant2    | 5745            | 1.31                       | 1.51                     | 86.75          | 0.62      | 0.76      |
| 11N40MIMO  | Ant1    | 5755            | 0.65                       | 0.85                     | 76.47          | 1.17      | 1.54      |
| 11N40MIMO  | Ant2    | 5755            | 0.65                       | 0.86                     | 75.58          | 1.22      | 1.54      |
| 11AC20MIMO | Ant1    | 5745            | 0.68                       | 0.89                     | 76.40          | 1.17      | 1.47      |
| 11AC20MIMO | Ant2    | 5745            | 0.68                       | 0.89                     | 76.40          | 1.17      | 1.47      |
| 11AC40MIMO | Ant1    | 5755            | 0.35                       | 0.55                     | 63.64          | 1.96      | 2.86      |
| 11AC40MIMO | Ant2    | 5755            | 0.35                       | 0.56                     | 62.50          | 2.04      | 2.86      |
| 11AC80MIMO | Ant1    | 5775            | 0.19                       | 0.39                     | 48.72          | 3.12      | 5.26      |
| 11AC80MIMO | Ant2    | 5775            | 0.19                       | 0.39                     | 48.72          | 3.12      | 5.26      |
| 11AX20MIMO | Ant1    | 5745            | 0.30                       | 0.51                     | 58.82          | 2.30      | 3.33      |
| 11AX20MIMO | Ant2    | 5745            | 0.30                       | 0.50                     | 60.00          | 2.22      | 3.33      |
| 11AX40MIMO | Ant1    | 5755            | 0.18                       | 0.39                     | 46.15          | 3.36      | 5.56      |
| 11AX40MIMO | Ant2    | 5755            | 0.18                       | 0.38                     | 47.37          | 3.24      | 5.56      |
| 11AX80MIMO | Ant1    | 5775            | 0.11                       | 0.32                     | 34.38          | 4.64      | 9.09      |
| 11AX80MIMO | Ant2    | 5775            | 0.11                       | 0.31                     | 35.48          | 4.50      | 9.09      |

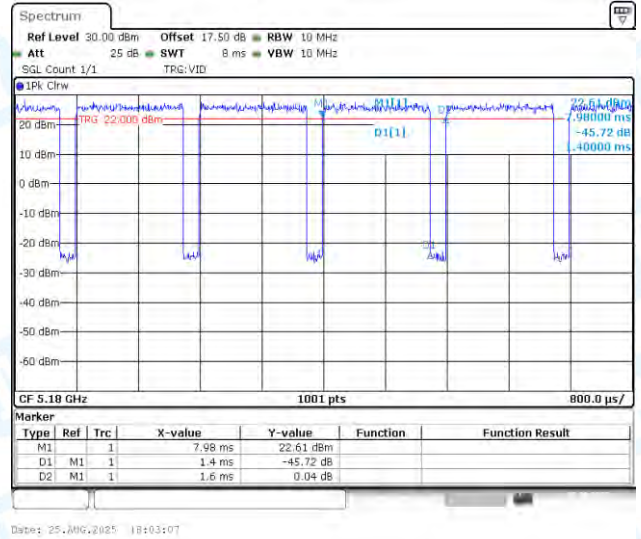
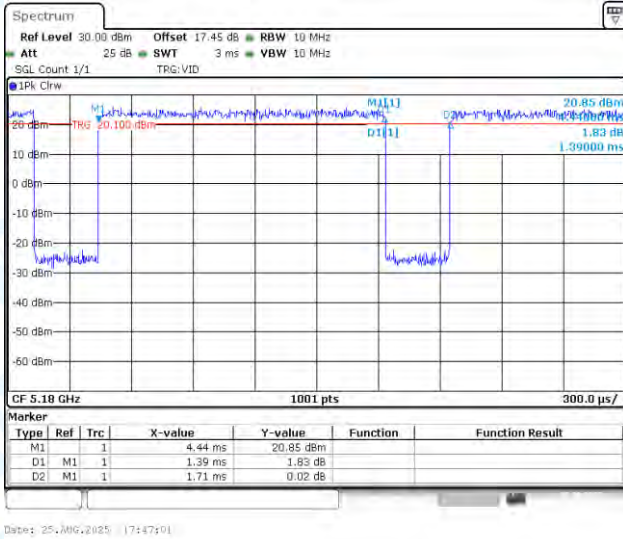
Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

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

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

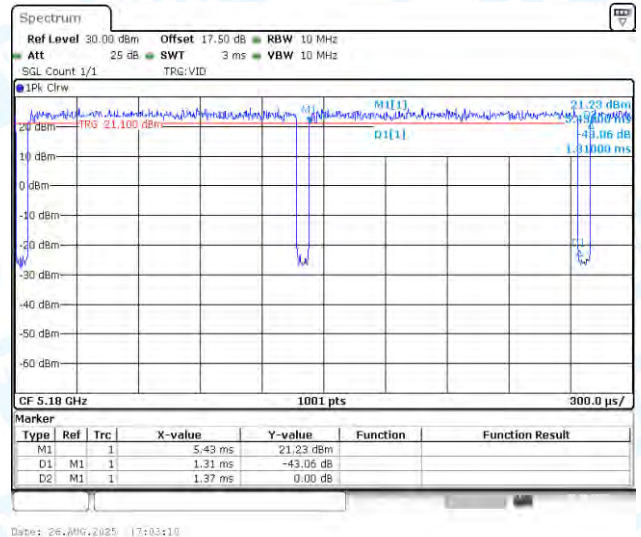
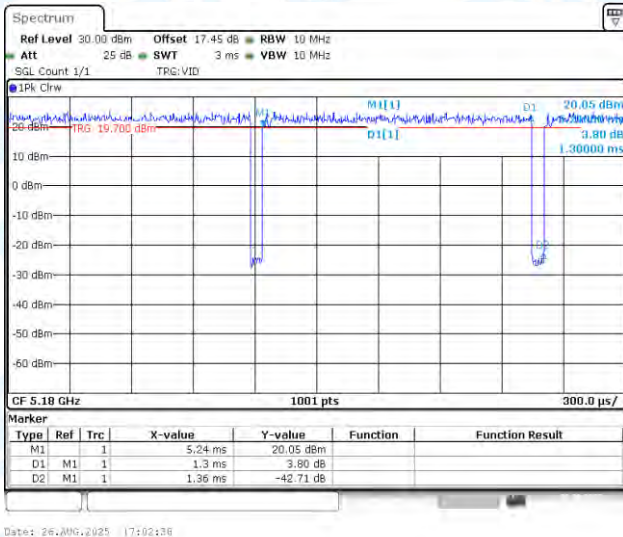
4, RF Conducted test Offset= cable loss+ Attenuator(10dB).

## 4.2 Test Graphs



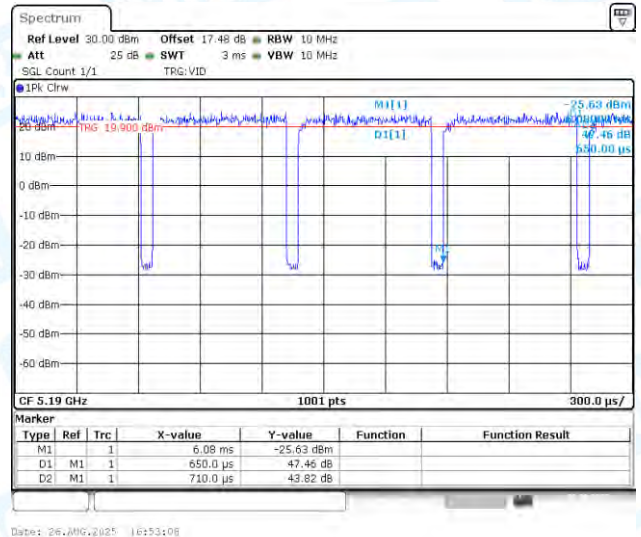
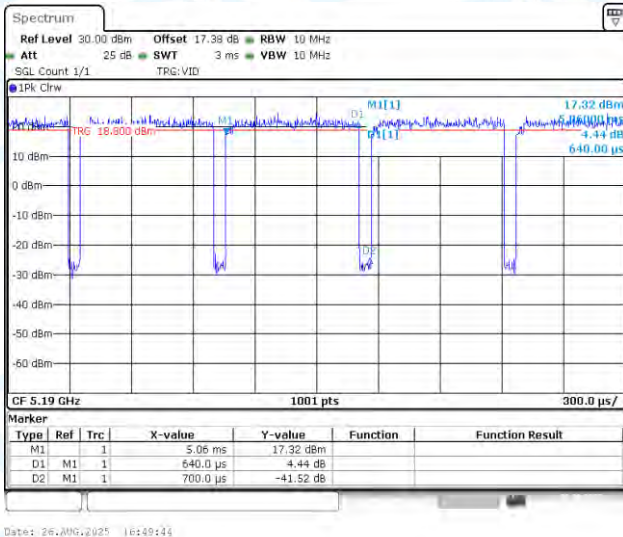
NTNV-11A-Ant1-5180

NTNV-11A-Ant2-5180

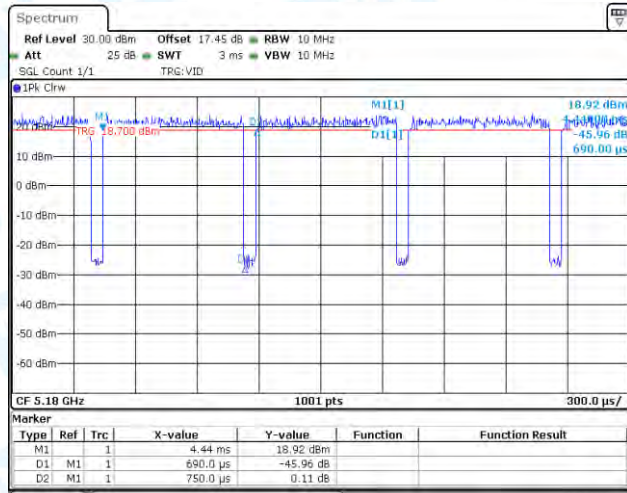


NTNV-11N20MIMO-Ant1-5180

NTNV-11N20MIMO-Ant2-5180

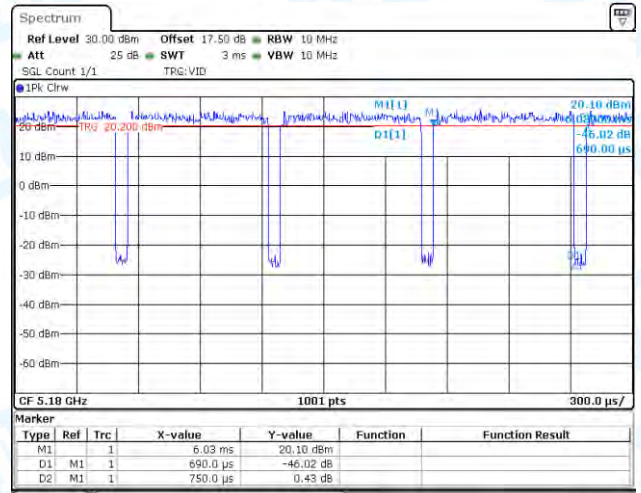


NTNV-11N40MIMO-Ant1-5190



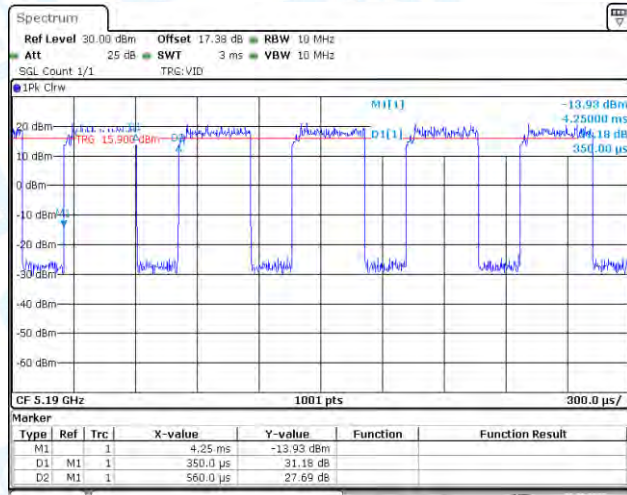
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NTNV-11N40MIMO-Ant2-5190



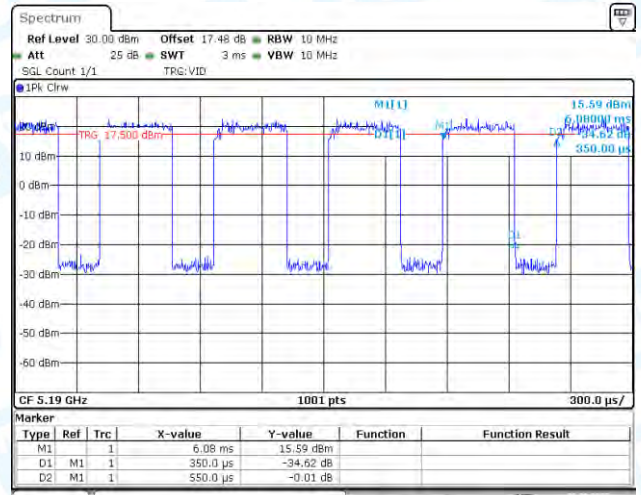
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NTNV-11AC20MIMO-Ant1-5180



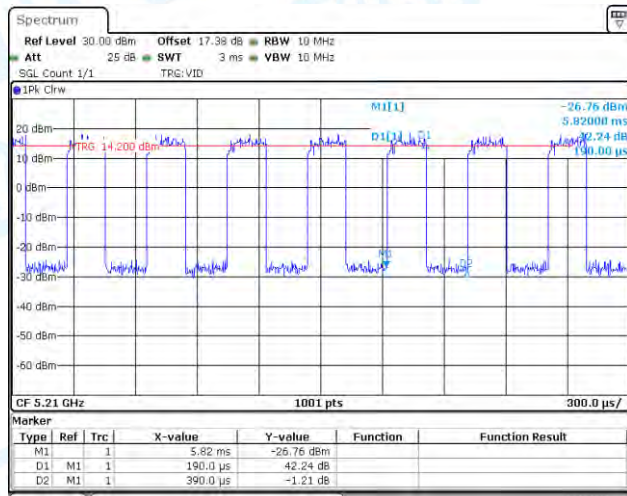
Date: 26/MG/2025 17:49:58

NTNV-11AC20MIMO-Ant2-5180



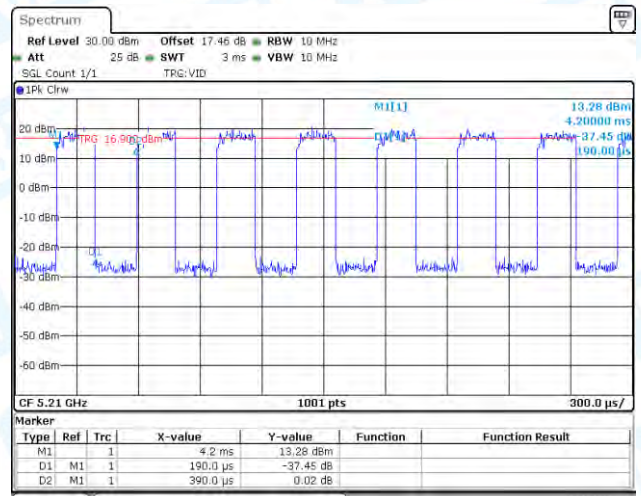
Date: 26/MG/2025 17:53:20

NTNV-11AC40MIMO-Ant1-5190



Date: 27/MG/2025 21:33:58

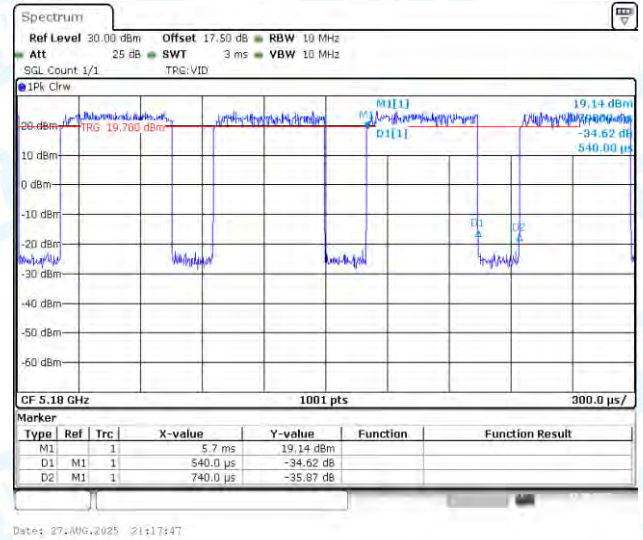
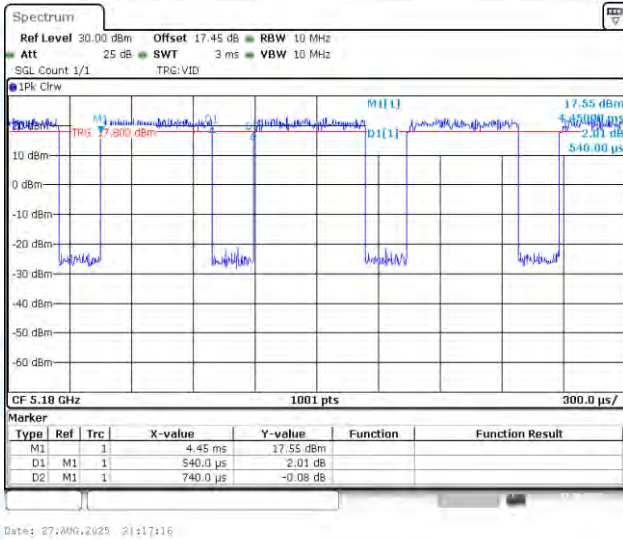
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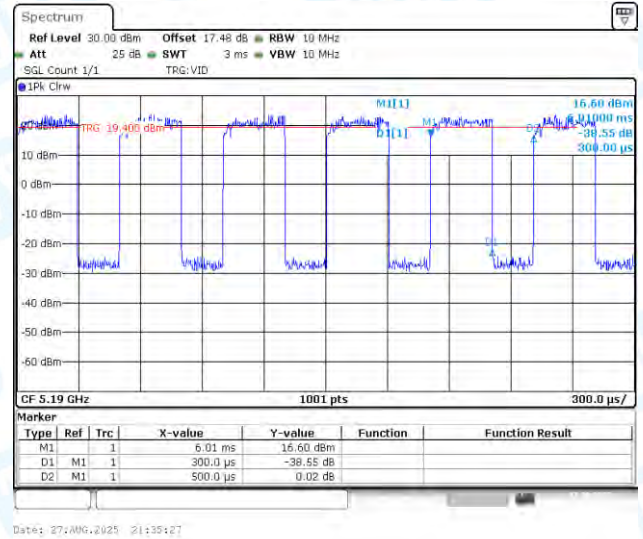
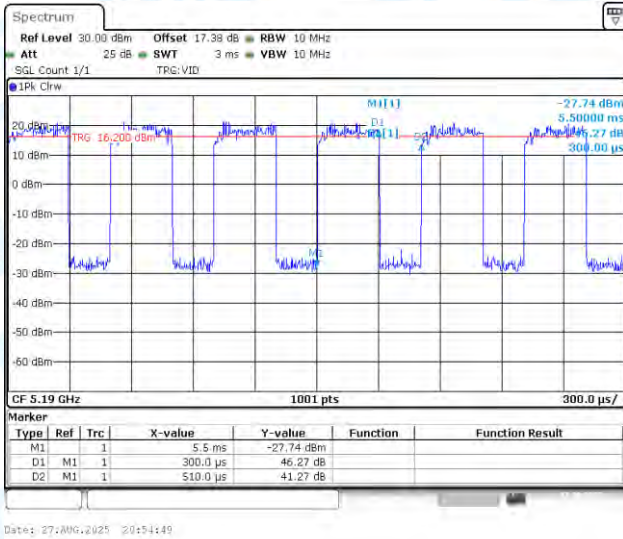
NTNV-11AC80MIMO-Ant1-5210

NTNV-11AC80MIMO-Ant2-5210



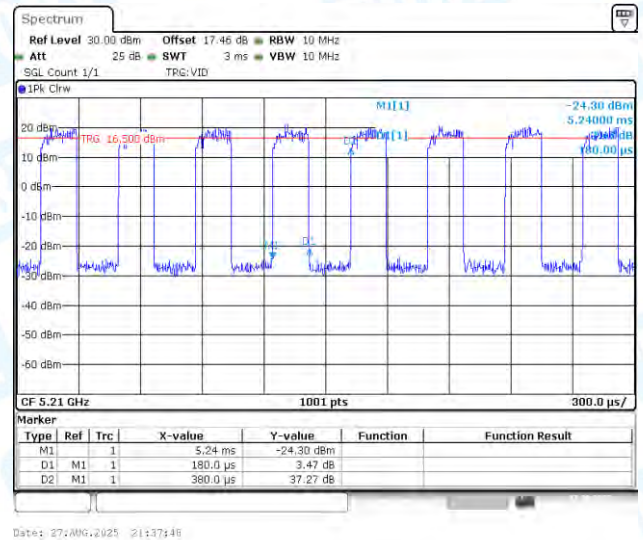
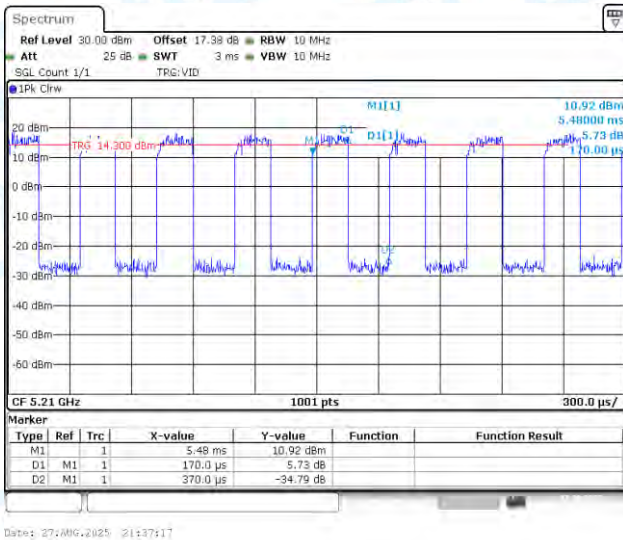
NTNV-11AX20MIMO-Ant1-5180

NTNV-11AX20MIMO-Ant2-5180



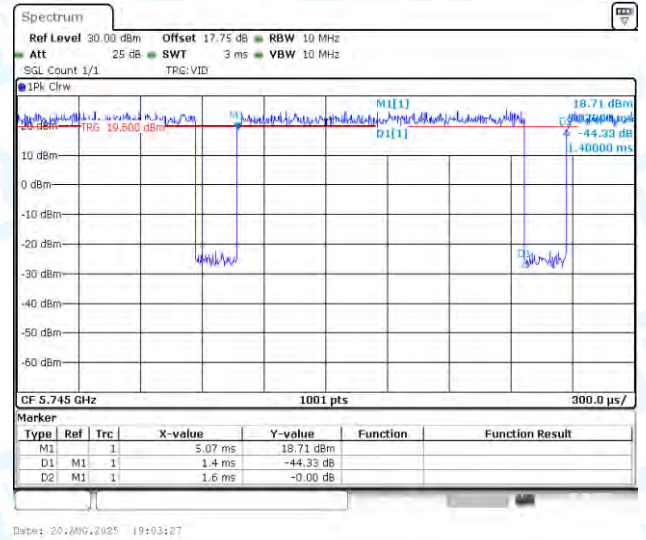
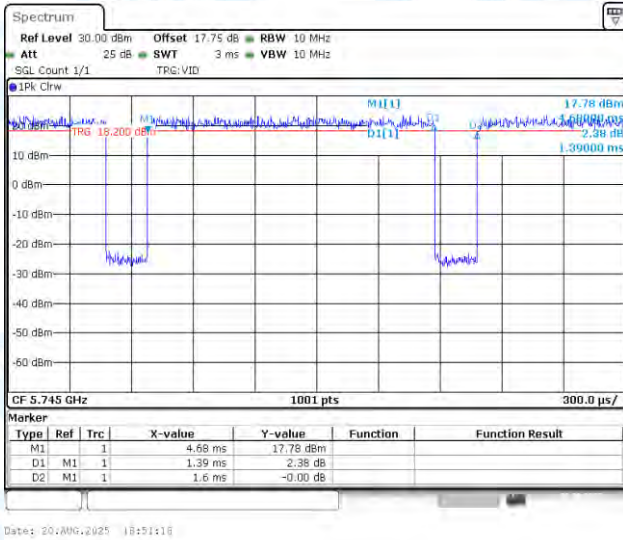
NTNV-11AX40MIMO-Ant1-5190

NTNV-11AX40MIMO-Ant2-5190



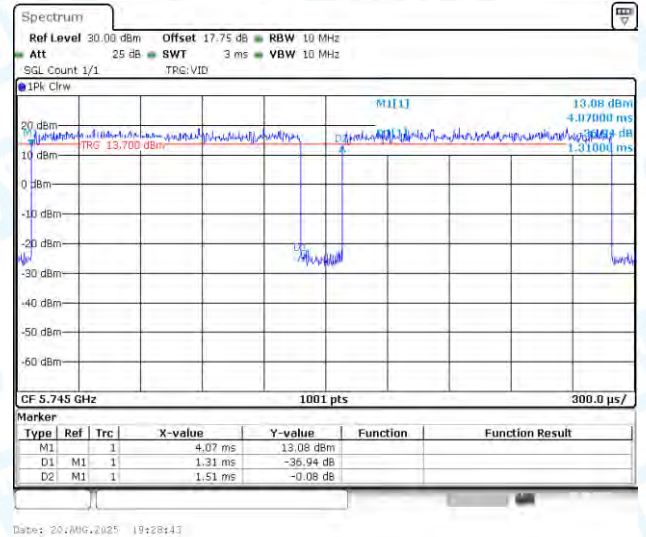
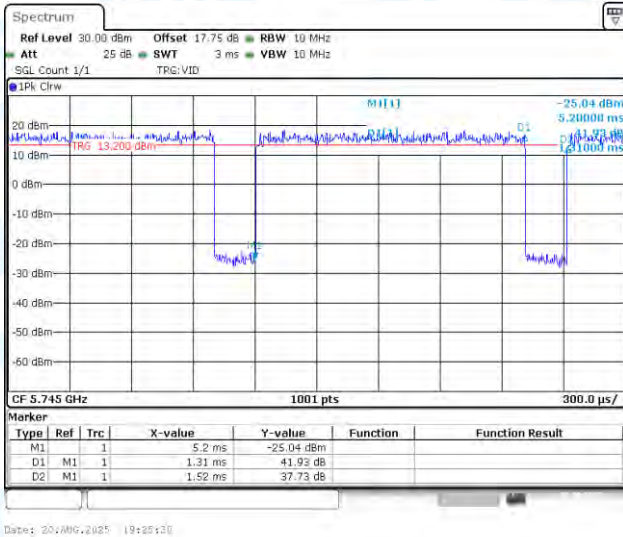
NTNV-11AX80MIMO-Ant1-5210

NTNV-11AX80MIMO-Ant2-5210



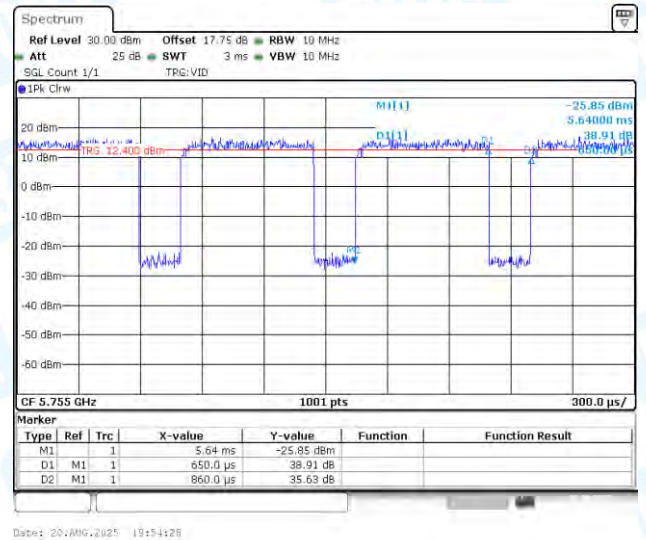
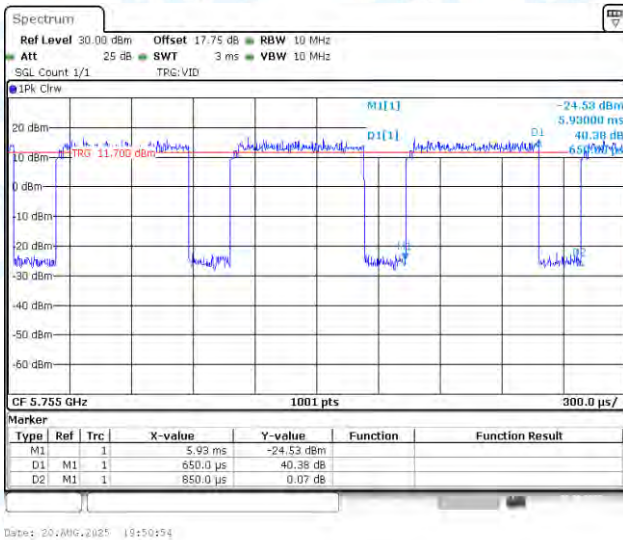
NTNV-11A-Ant1-5745

NTNV-11A-Ant2-5745



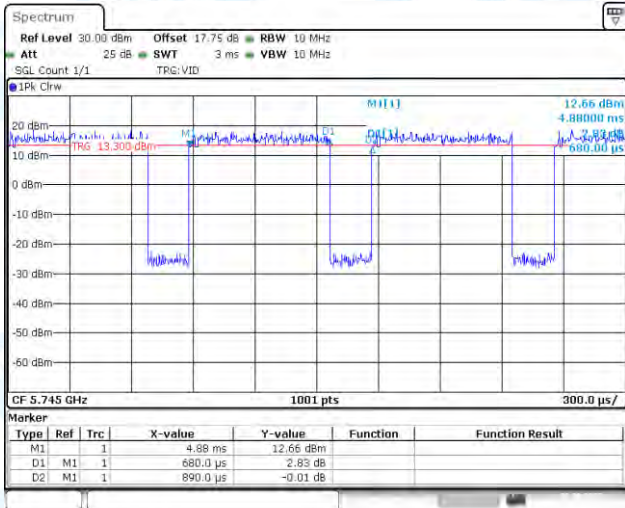
NTNV-11N20MIMO-Ant1-5745

NTNV-11N20MIMO-Ant2-5745

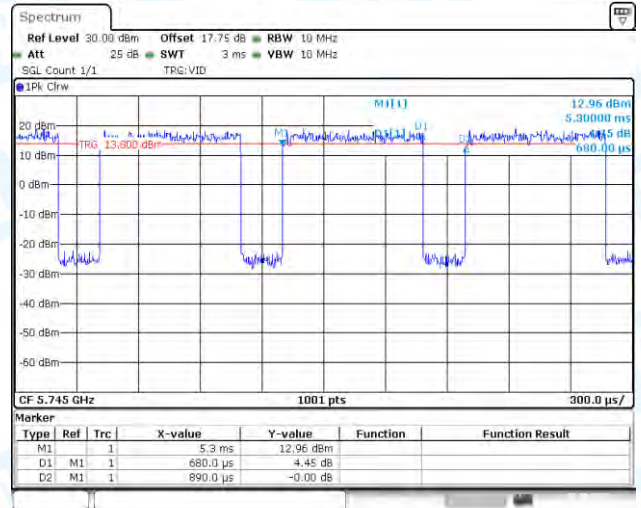


NTNV-11N40MIMO-Ant1-5755

NTNV-11N40MIMO-Ant2-5755



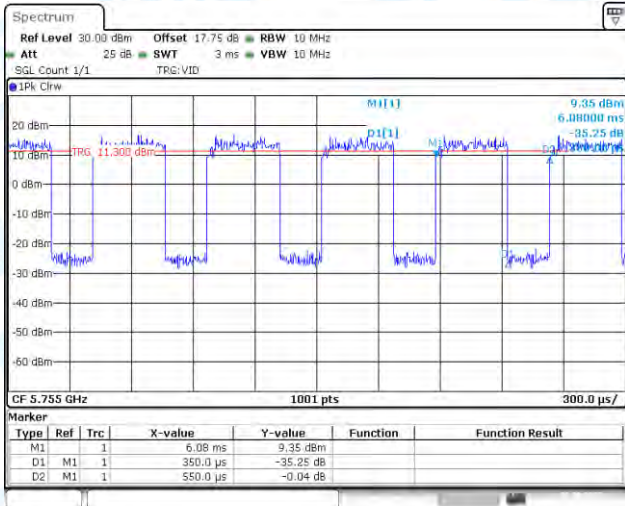
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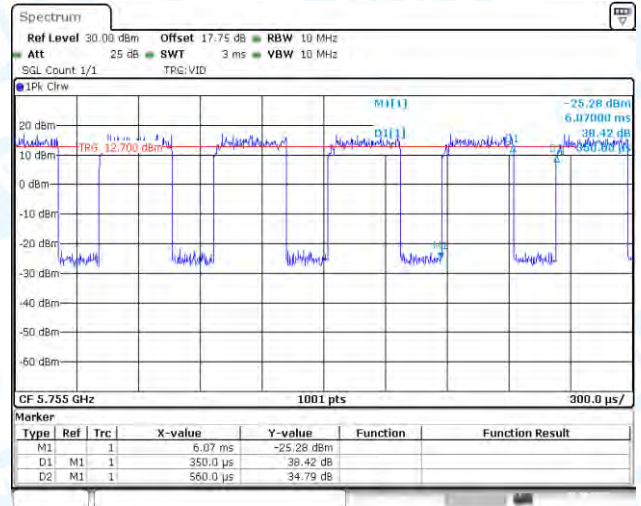
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NTNV-11AC20MIMO-Ant1-5745

NTNV-11AC20MIMO-Ant2-5745



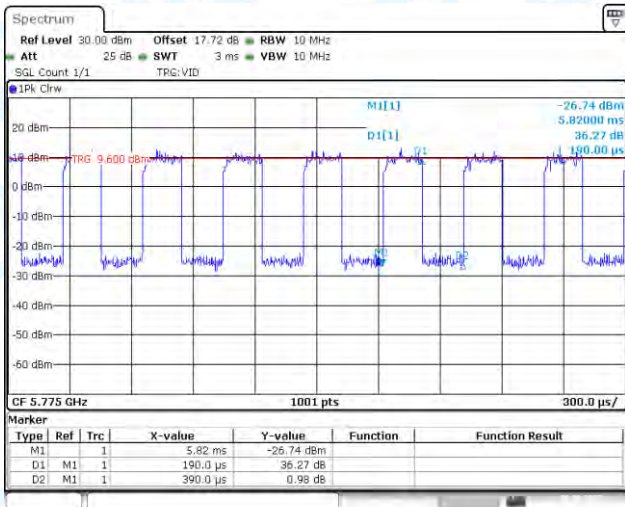
Date: 20/May/2025 20:10:20



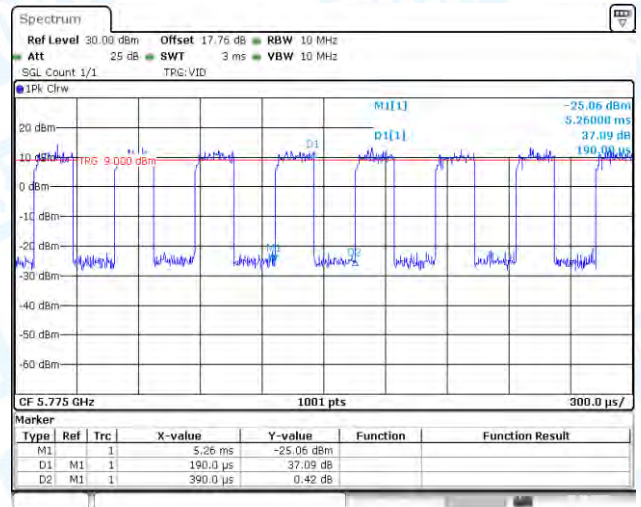
Date: 20/May/2025 20:10:55

NTNV-11AC40MIMO-Ant1-5755

NTNV-11AC40MIMO-Ant2-5755



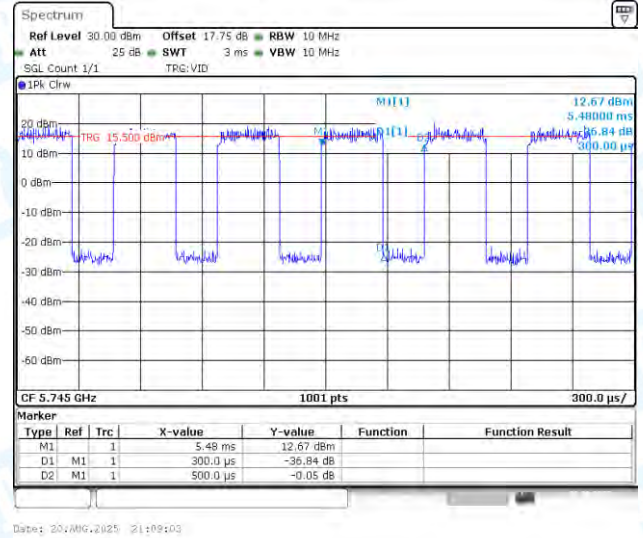
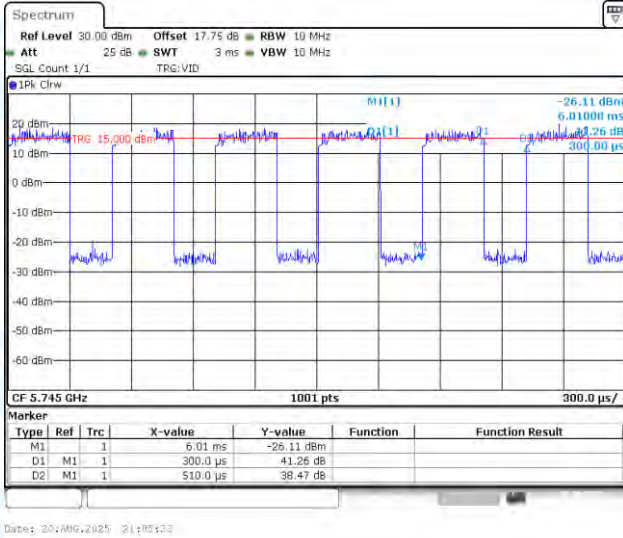
Date: 20/May/2025 20:14:20



Date: 20/May/2025 20:15:04

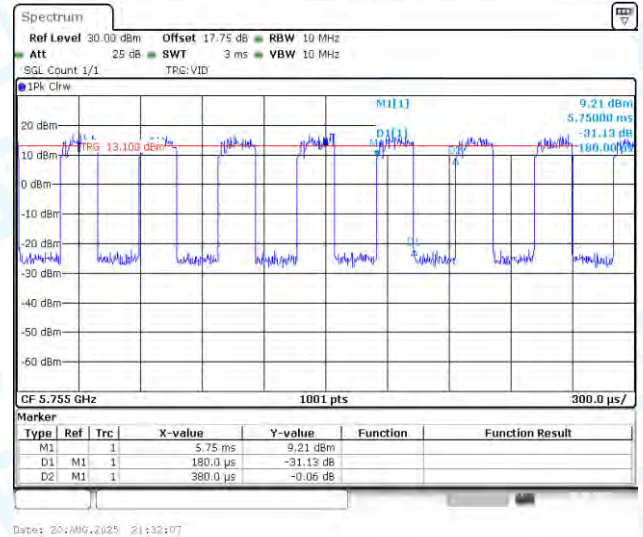
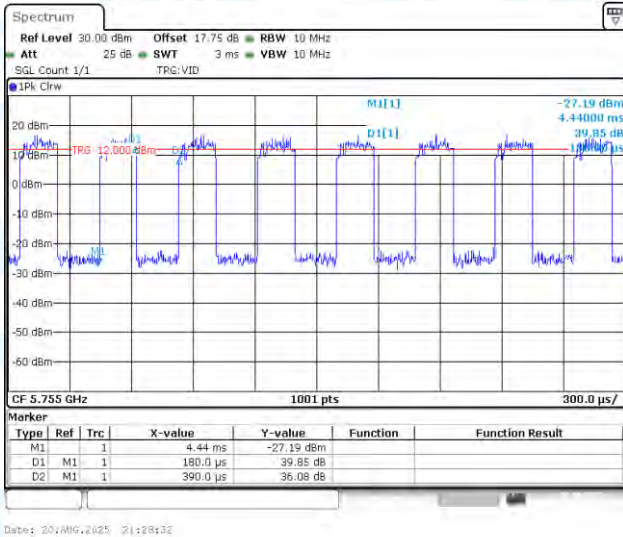
NTNV-11AC80MIMO-Ant1-5775

NTNV-11AC80MIMO-Ant2-5775



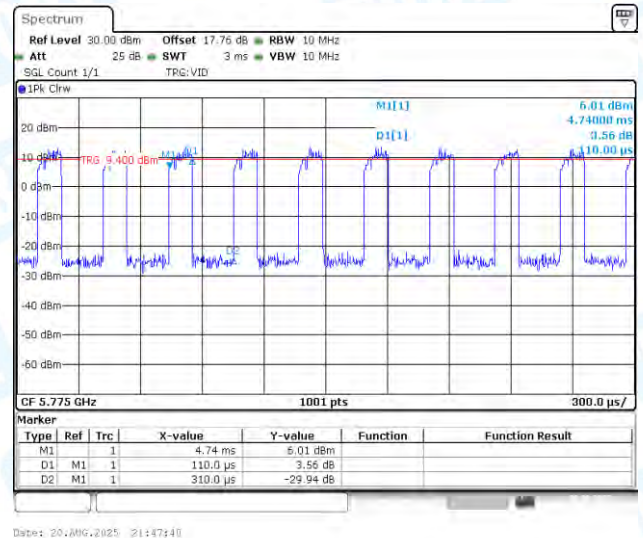
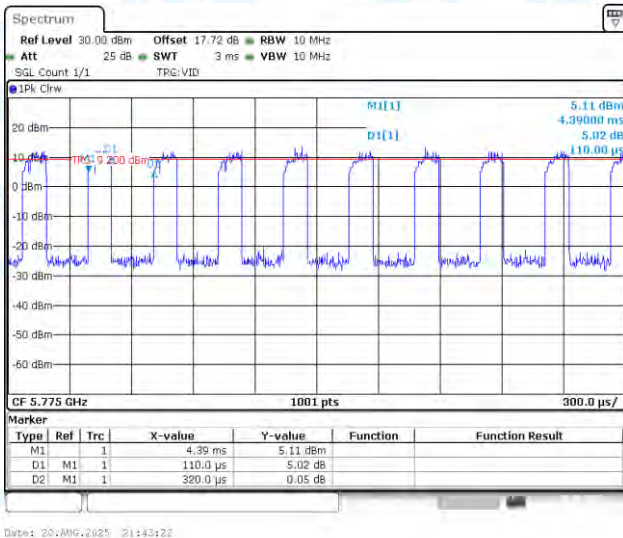
NTNV-11AX20MIMO-Ant1-5745

NTNV-11AX20MIMO-Ant2-5745



NTNV-11AX40MIMO-Ant1-5755

NTNV-11AX40MIMO-Ant2-5755



NTNV-11AX80MIMO-Ant1-5775

NTNV-11AX80MIMO-Ant2-5775

## 5: Maximum conducted output power

### 5.1 Test Result

| TestMode   | Antenna | Frequency [MHz] | Raw Power [dBm] | DC Factor | Result [dBm] | Limit[dBm] | Verdict |
|------------|---------|-----------------|-----------------|-----------|--------------|------------|---------|
| 11A        | Ant1    | 5180            | 18.35           | 0.90      | 19.25        | ≤30.00     | PASS    |
| 11A        | Ant2    | 5180            | 20.14           | 0.58      | 20.72        | ≤30.00     | PASS    |
| 11A        | Ant1    | 5200            | 18.70           | 0.90      | 19.60        | ≤30.00     | PASS    |
| 11A        | Ant2    | 5200            | 20.10           | 0.58      | 20.68        | ≤30.00     | PASS    |
| 11A        | Ant1    | 5240            | 19.71           | 0.90      | 20.61        | ≤30.00     | PASS    |
| 11A        | Ant2    | 5240            | 20.18           | 0.58      | 20.76        | ≤30.00     | PASS    |
| 11N20MIMO  | Ant1    | 5180            | 17.72           | 0.20      | 17.92        | ≤30.00     | PASS    |
| 11N20MIMO  | Ant2    | 5180            | 19.57           | 0.19      | 19.76        | ≤30.00     | PASS    |
| 11N20MIMO  | total   | 5180            | ---             | ---       | 21.95        | ≤28.09     | PASS    |
| 11N20MIMO  | Ant1    | 5200            | 17.06           | 0.20      | 17.26        | ≤30.00     | PASS    |
| 11N20MIMO  | Ant2    | 5200            | 18.29           | 0.19      | 18.48        | ≤30.00     | PASS    |
| 11N20MIMO  | total   | 5200            | ---             | ---       | 20.92        | ≤28.09     | PASS    |
| 11N20MIMO  | Ant1    | 5240            | 17.41           | 0.20      | 17.61        | ≤30.00     | PASS    |
| 11N20MIMO  | Ant2    | 5240            | 18.47           | 0.19      | 18.66        | ≤30.00     | PASS    |
| 11N20MIMO  | total   | 5240            | ---             | ---       | 21.18        | ≤28.09     | PASS    |
| 11N40MIMO  | Ant1    | 5190            | 16.78           | 0.39      | 17.17        | ≤30.00     | PASS    |
| 11N40MIMO  | Ant2    | 5190            | 18.21           | 0.38      | 18.59        | ≤30.00     | PASS    |
| 11N40MIMO  | total   | 5190            | ---             | ---       | 20.95        | ≤28.09     | PASS    |
| 11N40MIMO  | Ant1    | 5230            | 17.38           | 0.39      | 17.77        | ≤30.00     | PASS    |
| 11N40MIMO  | Ant2    | 5230            | 18.25           | 0.38      | 18.63        | ≤30.00     | PASS    |
| 11N40MIMO  | total   | 5230            | ---             | ---       | 21.23        | ≤28.09     | PASS    |
| 11AC20MIMO | Ant1    | 5180            | 16.60           | 0.36      | 16.96        | ≤30.00     | PASS    |
| 11AC20MIMO | Ant2    | 5180            | 18.19           | 0.36      | 18.55        | ≤30.00     | PASS    |
| 11AC20MIMO | total   | 5180            | ---             | ---       | 20.84        | ≤28.09     | PASS    |
| 11AC20MIMO | Ant1    | 5200            | 16.90           | 0.36      | 17.26        | ≤30.00     | PASS    |
| 11AC20MIMO | Ant2    | 5200            | 18.17           | 0.36      | 18.53        | ≤30.00     | PASS    |
| 11AC20MIMO | total   | 5200            | ---             | ---       | 20.95        | ≤28.09     | PASS    |
| 11AC20MIMO | Ant1    | 5240            | 17.47           | 0.36      | 17.83        | ≤30.00     | PASS    |
| 11AC20MIMO | Ant2    | 5240            | 18.34           | 0.36      | 18.70        | ≤30.00     | PASS    |
| 11AC20MIMO | total   | 5240            | ---             | ---       | 21.30        | ≤28.09     | PASS    |
| 11AC40MIMO | Ant1    | 5190            | 13.02           | 2.04      | 15.06        | ≤30.00     | PASS    |
| 11AC40MIMO | Ant2    | 5190            | 15.02           | 1.96      | 16.98        | ≤30.00     | PASS    |
| 11AC40MIMO | total   | 5190            | ---             | ---       | 19.14        | ≤28.09     | PASS    |
| 11AC40MIMO | Ant1    | 5230            | 13.04           | 2.04      | 15.08        | ≤30.00     | PASS    |
| 11AC40MIMO | Ant2    | 5230            | 15.15           | 1.96      | 17.11        | ≤30.00     | PASS    |
| 11AC40MIMO | total   | 5230            | ---             | ---       | 19.22        | ≤28.09     | PASS    |
| 11AC80MIMO | Ant1    | 5210            | 12.45           | 3.12      | 15.57        | ≤30.00     | PASS    |
| 11AC80MIMO | Ant2    | 5210            | 14.82           | 3.12      | 17.94        | ≤30.00     | PASS    |
| 11AC80MIMO | total   | 5210            | ---             | ---       | 19.93        | ≤28.09     | PASS    |

|            |       |      |       |      |       |        |      |
|------------|-------|------|-------|------|-------|--------|------|
| 11AX20MIMO | Ant1  | 5180 | 14.72 | 1.37 | 16.09 | ≤30.00 | PASS |
| 11AX20MIMO | Ant2  | 5180 | 16.76 | 1.37 | 18.13 | ≤30.00 | PASS |
| 11AX20MIMO | total | 5180 | ---   | ---  | 20.24 | ≤28.09 | PASS |
| 11AX20MIMO | Ant1  | 5200 | 14.59 | 1.37 | 15.96 | ≤30.00 | PASS |
| 11AX20MIMO | Ant2  | 5200 | 16.69 | 1.37 | 18.06 | ≤30.00 | PASS |
| 11AX20MIMO | total | 5200 | ---   | ---  | 20.15 | ≤28.09 | PASS |
| 11AX20MIMO | Ant1  | 5240 | 14.72 | 1.37 | 16.09 | ≤30.00 | PASS |
| 11AX20MIMO | Ant2  | 5240 | 16.86 | 1.37 | 18.23 | ≤30.00 | PASS |
| 11AX20MIMO | total | 5240 | ---   | ---  | 20.30 | ≤28.09 | PASS |
| 11AX40MIMO | Ant1  | 5190 | 12.97 | 2.30 | 15.27 | ≤30.00 | PASS |
| 11AX40MIMO | Ant2  | 5190 | 16.16 | 2.22 | 18.38 | ≤30.00 | PASS |
| 11AX40MIMO | total | 5190 | ---   | ---  | 20.11 | ≤28.09 | PASS |
| 11AX40MIMO | Ant1  | 5230 | 13.88 | 2.30 | 16.18 | ≤30.00 | PASS |
| 11AX40MIMO | Ant2  | 5230 | 16.11 | 2.22 | 18.33 | ≤30.00 | PASS |
| 11AX40MIMO | total | 5230 | ---   | ---  | 20.40 | ≤28.09 | PASS |
| 11AX80MIMO | Ant1  | 5210 | 12.24 | 3.38 | 15.62 | ≤30.00 | PASS |
| 11AX80MIMO | Ant2  | 5210 | 14.55 | 3.24 | 17.79 | ≤30.00 | PASS |
| 11AX80MIMO | total | 5210 | ---   | ---  | 19.85 | ≤28.09 | PASS |

| TestMode   | Antenna | Frequency [MHz] | Raw Power [dBm] | DC Factor | Result [dBm] | Limit [dBm] | Verdict |
|------------|---------|-----------------|-----------------|-----------|--------------|-------------|---------|
| 11A        | Ant1    | 5745            | 14.93           | 0.62      | 15.55        | ≤30.00      | PASS    |
| 11A        | Ant2    | 5745            | 16.54           | 0.58      | 17.12        | ≤30.00      | PASS    |
| 11A        | Ant1    | 5785            | 15.25           | 0.61      | 15.86        | ≤30.00      | PASS    |
| 11A        | Ant2    | 5785            | 16.76           | 0.58      | 17.34        | ≤30.00      | PASS    |
| 11A        | Ant1    | 5825            | 14.85           | 0.61      | 15.46        | ≤30.00      | PASS    |
| 11A        | Ant2    | 5825            | 14.97           | 0.58      | 15.55        | ≤30.00      | PASS    |
| 11N20MIMO  | Ant1    | 5745            | 9.94            | 1.20      | 11.14        | ≤30.00      | PASS    |
| 11N20MIMO  | Ant2    | 5745            | 10.81           | 1.20      | 12.01        | ≤30.00      | PASS    |
| 11N20MIMO  | total   | 5745            | ---             | ---       | 14.61        | ≤28.09      | PASS    |
| 11N20MIMO  | Ant1    | 5785            | 10.21           | 0.65      | 10.86        | ≤30.00      | PASS    |
| 11N20MIMO  | Ant2    | 5785            | 10.98           | 0.62      | 11.60        | ≤30.00      | PASS    |
| 11N20MIMO  | total   | 5785            | ---             | ---       | 14.26        | ≤28.09      | PASS    |
| 11N20MIMO  | Ant1    | 5825            | 8.78            | 0.65      | 9.43         | ≤30.00      | PASS    |
| 11N20MIMO  | Ant2    | 5825            | 8.15            | 0.62      | 8.77         | ≤30.00      | PASS    |
| 11N20MIMO  | total   | 5825            | ---             | ---       | 12.12        | ≤28.09      | PASS    |
| 11N40MIMO  | Ant1    | 5755            | 9.09            | 1.17      | 10.26        | ≤30.00      | PASS    |
| 11N40MIMO  | Ant2    | 5755            | 9.88            | 1.22      | 11.10        | ≤30.00      | PASS    |
| 11N40MIMO  | total   | 5755            | ---             | ---       | 13.71        | ≤28.09      | PASS    |
| 11N40MIMO  | Ant1    | 5795            | 9.20            | 1.17      | 10.37        | ≤30.00      | PASS    |
| 11N40MIMO  | Ant2    | 5795            | 10.10           | 1.22      | 11.32        | ≤30.00      | PASS    |
| 11N40MIMO  | total   | 5795            | ---             | ---       | 13.88        | ≤28.09      | PASS    |
| 11AC20MIMO | Ant1    | 5745            | 9.59            | 1.17      | 10.76        | ≤30.00      | PASS    |
| 11AC20MIMO | Ant2    | 5745            | 10.31           | 1.17      | 11.48        | ≤30.00      | PASS    |
| 11AC20MIMO | total   | 5745            | ---             | ---       | 14.15        | ≤28.09      | PASS    |
| 11AC20MIMO | Ant1    | 5785            | 9.76            | 1.17      | 10.93        | ≤30.00      | PASS    |
| 11AC20MIMO | Ant2    | 5785            | 10.37           | 1.17      | 11.54        | ≤30.00      | PASS    |
| 11AC20MIMO | total   | 5785            | ---             | ---       | 14.26        | ≤28.09      | PASS    |
| 11AC20MIMO | Ant1    | 5825            | 8.79            | 1.17      | 9.96         | ≤30.00      | PASS    |
| 11AC20MIMO | Ant2    | 5825            | 8.07            | 1.17      | 9.24         | ≤30.00      | PASS    |
| 11AC20MIMO | total   | 5825            | ---             | ---       | 12.63        | ≤28.09      | PASS    |
| 11AC40MIMO | Ant1    | 5755            | 8.22            | 1.96      | 10.18        | ≤30.00      | PASS    |
| 11AC40MIMO | Ant2    | 5755            | 9.18            | 2.04      | 11.22        | ≤30.00      | PASS    |
| 11AC40MIMO | total   | 5755            | ---             | ---       | 13.74        | ≤28.09      | PASS    |
| 11AC40MIMO | Ant1    | 5795            | 8.44            | 1.96      | 10.40        | ≤30.00      | PASS    |
| 11AC40MIMO | Ant2    | 5795            | 9.30            | 2.04      | 11.34        | ≤30.00      | PASS    |
| 11AC40MIMO | total   | 5795            | ---             | ---       | 13.91        | ≤28.09      | PASS    |
| 11AC80MIMO | Ant1    | 5775            | 6.60            | 3.12      | 9.72         | ≤30.00      | PASS    |
| 11AC80MIMO | Ant2    | 5775            | 7.33            | 3.12      | 10.45        | ≤30.00      | PASS    |
| 11AC80MIMO | total   | 5775            | ---             | ---       | 13.11        | ≤28.09      | PASS    |
| 11AX20MIMO | Ant1    | 5745            | 8.63            | 2.30      | 10.93        | ≤30.00      | PASS    |
| 11AX20MIMO | Ant2    | 5745            | 9.39            | 2.22      | 11.61        | ≤30.00      | PASS    |
| 11AX20MIMO | total   | 5745            | ---             | ---       | 14.29        | ≤28.09      | PASS    |
| 11AX20MIMO | Ant1    | 5785            | 8.72            | 2.30      | 11.02        | ≤30.00      | PASS    |

|            |       |      |      |      |       |        |      |
|------------|-------|------|------|------|-------|--------|------|
| 11AX20MIMO | Ant2  | 5785 | 9.57 | 2.22 | 11.79 | ≤30.00 | PASS |
| 11AX20MIMO | total | 5785 | ---  | ---  | 14.43 | ≤28.09 | PASS |
| 11AX20MIMO | Ant1  | 5825 | 7.38 | 2.30 | 9.68  | ≤30.00 | PASS |
| 11AX20MIMO | Ant2  | 5825 | 6.77 | 2.22 | 8.99  | ≤30.00 | PASS |
| 11AX20MIMO | total | 5825 | ---  | ---  | 12.36 | ≤28.09 | PASS |
| 11AX40MIMO | Ant1  | 5755 | 7.19 | 3.36 | 10.55 | ≤30.00 | PASS |
| 11AX40MIMO | Ant2  | 5755 | 8.05 | 3.24 | 11.29 | ≤30.00 | PASS |
| 11AX40MIMO | total | 5755 | ---  | ---  | 13.95 | ≤28.09 | PASS |
| 11AX40MIMO | Ant1  | 5795 | 7.44 | 3.36 | 10.80 | ≤30.00 | PASS |
| 11AX40MIMO | Ant2  | 5795 | 8.14 | 3.24 | 11.38 | ≤30.00 | PASS |
| 11AX40MIMO | total | 5795 | ---  | ---  | 14.11 | ≤28.09 | PASS |
| 11AX80MIMO | Ant1  | 5775 | 5.60 | 4.64 | 10.24 | ≤30.00 | PASS |
| 11AX80MIMO | Ant2  | 5775 | 6.37 | 4.50 | 10.87 | ≤30.00 | PASS |
| 11AX80MIMO | total | 5775 | ---  | ---  | 13.58 | ≤28.09 | PASS |

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

## 6: Maximum power spectral density

### 6.1 Test Result

| Test Mode  | Ant.  | Frequency [MHz] | RawData [dBm/MHz] | DC Factor | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|------------|-------|-----------------|-------------------|-----------|------------------|----------------|---------|
| 11A        | Ant1  | 5180            | 8.29              | 0.90      | 9.19             | ≤17.00         | PASS    |
| 11A        | Ant2  | 5180            | 9.62              | 0.58      | 10.20            | ≤17.00         | PASS    |
| 11A        | Ant1  | 5200            | 8.65              | 0.61      | 9.26             | ≤17.00         | PASS    |
| 11A        | Ant2  | 5200            | 9.88              | 0.61      | 10.49            | ≤17.00         | PASS    |
| 11A        | Ant1  | 5240            | 9.5               | 0.61      | 10.11            | ≤17.00         | PASS    |
| 11A        | Ant2  | 5240            | 9.94              | 0.60      | 10.54            | ≤17.00         | PASS    |
| 11N20MIMO  | Ant1  | 5180            | 7.64              | 0.20      | 7.84             | ≤17.00         | PASS    |
| 11N20MIMO  | Ant2  | 5180            | 8.98              | 0.19      | 9.17             | ≤17.00         | PASS    |
| 11N20MIMO  | total | 5180            | ---               | ---       | 11.57            | ≤15.09         | PASS    |
| 11N20MIMO  | Ant1  | 5200            | 6.68              | 0.21      | 6.89             | ≤17.00         | PASS    |
| 11N20MIMO  | Ant2  | 5200            | 8.02              | 0.21      | 8.23             | ≤17.00         | PASS    |
| 11N20MIMO  | total | 5200            | ---               | ---       | 10.62            | ≤15.09         | PASS    |
| 11N20MIMO  | Ant1  | 5240            | 7.38              | 0.20      | 7.58             | ≤17.00         | PASS    |
| 11N20MIMO  | Ant2  | 5240            | 7.99              | 0.21      | 8.20             | ≤17.00         | PASS    |
| 11N20MIMO  | total | 5240            | ---               | ---       | 10.91            | ≤15.09         | PASS    |
| 11N40MIMO  | Ant1  | 5190            | 4.5               | 0.39      | 4.89             | ≤17.00         | PASS    |
| 11N40MIMO  | Ant2  | 5190            | 5.37              | 0.38      | 5.75             | ≤17.00         | PASS    |
| 11N40MIMO  | total | 5190            | ---               | ---       | 8.35             | ≤15.09         | PASS    |
| 11N40MIMO  | Ant1  | 5230            | 4.84              | 0.41      | 5.25             | ≤17.00         | PASS    |
| 11N40MIMO  | Ant2  | 5230            | 5.46              | 0.42      | 5.88             | ≤17.00         | PASS    |
| 11N40MIMO  | total | 5230            | ---               | ---       | 8.59             | ≤15.09         | PASS    |
| 11AC20MIMO | Ant1  | 5180            | 6.25              | 0.36      | 6.61             | ≤17.00         | PASS    |
| 11AC20MIMO | Ant2  | 5180            | 7.81              | 0.36      | 8.17             | ≤17.00         | PASS    |
| 11AC20MIMO | total | 5180            | ---               | ---       | 10.47            | ≤15.09         | PASS    |
| 11AC20MIMO | Ant1  | 5200            | 6.72              | 0.40      | 7.12             | ≤17.00         | PASS    |
| 11AC20MIMO | Ant2  | 5200            | 7.83              | 0.39      | 8.22             | ≤17.00         | PASS    |
| 11AC20MIMO | total | 5200            | ---               | ---       | 10.72            | ≤15.09         | PASS    |
| 11AC20MIMO | Ant1  | 5240            | 7.18              | 0.39      | 7.57             | ≤17.00         | PASS    |
| 11AC20MIMO | Ant2  | 5240            | 7.82              | 0.40      | 8.22             | ≤17.00         | PASS    |
| 11AC20MIMO | total | 5240            | ---               | ---       | 10.92            | ≤15.09         | PASS    |
| 11AC40MIMO | Ant1  | 5190            | 0.98              | 2.04      | 3.02             | ≤17.00         | PASS    |
| 11AC40MIMO | Ant2  | 5190            | 2.36              | 1.96      | 4.32             | ≤17.00         | PASS    |
| 11AC40MIMO | total | 5190            | ---               | ---       | 6.73             | ≤15.09         | PASS    |
| 11AC40MIMO | Ant1  | 5230            | 0.8               | 2.06      | 2.86             | ≤17.00         | PASS    |
| 11AC40MIMO | Ant2  | 5230            | 2.86              | 2.04      | 4.90             | ≤17.00         | PASS    |
| 11AC40MIMO | total | 5230            | ---               | ---       | 7.01             | ≤15.09         | PASS    |
| 11AC80MIMO | Ant1  | 5210            | -2.62             | 3.12      | 0.50             | ≤17.00         | PASS    |
| 11AC80MIMO | Ant2  | 5210            | -0.04             | 3.12      | 3.08             | ≤17.00         | PASS    |
| 11AC80MIMO | total | 5210            | ---               | ---       | 4.99             | ≤15.09         | PASS    |
| 11AX20MIMO | Ant1  | 5180            | 4.07              | 1.37      | 5.44             | ≤17.00         | PASS    |

|            |       |      |       |      |      |        |      |
|------------|-------|------|-------|------|------|--------|------|
| 11AX20MIMO | Ant2  | 5180 | 5.57  | 1.37 | 6.94 | ≤17.00 | PASS |
| 11AX20MIMO | total | 5180 | ---   | ---  | 9.26 | ≤15.09 | PASS |
| 11AX20MIMO | Ant1  | 5200 | 3.92  | 1.43 | 5.35 | ≤17.00 | PASS |
| 11AX20MIMO | Ant2  | 5200 | 6.22  | 1.44 | 7.66 | ≤17.00 | PASS |
| 11AX20MIMO | total | 5200 | ---   | ---  | 9.67 | ≤15.09 | PASS |
| 11AX20MIMO | Ant1  | 5240 | 3.95  | 1.44 | 5.39 | ≤17.00 | PASS |
| 11AX20MIMO | Ant2  | 5240 | 6.15  | 1.42 | 7.57 | ≤17.00 | PASS |
| 11AX20MIMO | total | 5240 | ---   | ---  | 9.63 | ≤15.09 | PASS |
| 11AX40MIMO | Ant1  | 5190 | 0.29  | 2.30 | 2.59 | ≤17.00 | PASS |
| 11AX40MIMO | Ant2  | 5190 | 3.38  | 2.22 | 5.60 | ≤17.00 | PASS |
| 11AX40MIMO | total | 5190 | ---   | ---  | 7.36 | ≤15.09 | PASS |
| 11AX40MIMO | Ant1  | 5230 | 1.68  | 2.32 | 4.00 | ≤17.00 | PASS |
| 11AX40MIMO | Ant2  | 5230 | 3.45  | 2.30 | 5.75 | ≤17.00 | PASS |
| 11AX40MIMO | total | 5230 | ---   | ---  | 7.97 | ≤15.09 | PASS |
| 11AX80MIMO | Ant1  | 5210 | -3.13 | 3.38 | 0.25 | ≤17.00 | PASS |
| 11AX80MIMO | Ant2  | 5210 | -1.24 | 3.24 | 2.00 | ≤17.00 | PASS |
| 11AX80MIMO | total | 5210 | ---   | ---  | 4.22 | ≤15.09 | PASS |

| Test Mode  | Ant.  | Frequency<br>[MHz] | RawData<br>[dBm/500kHz] | DC<br>Factor | Result<br>[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|------------|-------|--------------------|-------------------------|--------------|------------------------|-------------------|---------|
| 11A        | Ant1  | 5745               | 2.44                    | 0.61         | 3.05                   | ≤30.00            | PASS    |
| 11A        | Ant2  | 5745               | 3.76                    | 0.58         | 4.34                   | ≤30.00            | PASS    |
| 11A        | Ant1  | 5785               | 2.64                    | 0.61         | 3.25                   | ≤30.00            | PASS    |
| 11A        | Ant2  | 5785               | 3.73                    | 0.60         | 4.33                   | ≤30.00            | PASS    |
| 11A        | Ant2  | 5825               | 1.95                    | 0.61         | 2.56                   | ≤30.00            | PASS    |
| 11A        | Ant1  | 5825               | 2                       | 0.60         | 2.60                   | ≤30.00            | PASS    |
| 11N20MIMO  | Ant1  | 5745               | -3.01                   | 0.64         | -2.37                  | ≤30.00            | PASS    |
| 11N20MIMO  | Ant2  | 5745               | -2.16                   | 0.65         | -1.51                  | ≤30.00            | PASS    |
| 11N20MIMO  | total | 5745               | ---                     | ---          | 1.09                   | ≤28.09            | PASS    |
| 11N20MIMO  | Ant1  | 5785               | -2.7                    | 0.65         | -2.05                  | ≤30.00            | PASS    |
| 11N20MIMO  | Ant2  | 5785               | -1.95                   | 0.65         | -1.30                  | ≤30.00            | PASS    |
| 11N20MIMO  | total | 5785               | ---                     | ---          | 1.35                   | ≤28.09            | PASS    |
| 11N20MIMO  | Ant1  | 5825               | -4.11                   | 0.65         | -3.46                  | ≤30.00            | PASS    |
| 11N20MIMO  | Ant2  | 5825               | -5.02                   | 0.64         | -4.38                  | ≤30.00            | PASS    |
| 11N20MIMO  | total | 5825               | ---                     | ---          | -0.89                  | ≤28.09            | PASS    |
| 11N40MIMO  | Ant1  | 5755               | -6.01                   | 1.17         | -4.84                  | ≤30.00            | PASS    |
| 11N40MIMO  | Ant2  | 5755               | -5.39                   | 1.22         | -4.17                  | ≤30.00            | PASS    |
| 11N40MIMO  | total | 5755               | ---                     | ---          | -1.48                  | ≤28.09            | PASS    |
| 11N40MIMO  | Ant1  | 5795               | -5.97                   | 1.21         | -4.76                  | ≤30.00            | PASS    |
| 11N40MIMO  | Ant2  | 5795               | -5.14                   | 1.21         | -3.93                  | ≤30.00            | PASS    |
| 11N40MIMO  | total | 5795               | ---                     | ---          | -1.31                  | ≤28.09            | PASS    |
| 11AC20MIMO | Ant1  | 5745               | -2.98                   | 1.17         | -1.81                  | ≤30.00            | PASS    |
| 11AC20MIMO | Ant2  | 5745               | -2.77                   | 1.17         | -1.60                  | ≤30.00            | PASS    |
| 11AC20MIMO | total | 5745               | ---                     | ---          | 1.31                   | ≤28.09            | PASS    |
| 11AC20MIMO | Ant1  | 5785               | -3.78                   | 1.16         | -2.62                  | ≤30.00            | PASS    |
| 11AC20MIMO | Ant2  | 5785               | -2.75                   | 1.16         | -1.59                  | ≤30.00            | PASS    |
| 11AC20MIMO | total | 5785               | ---                     | ---          | 0.94                   | ≤28.09            | PASS    |
| 11AC20MIMO | Ant1  | 5825               | -4.3                    | 1.17         | -3.13                  | ≤30.00            | PASS    |
| 11AC20MIMO | Ant2  | 5825               | -5.11                   | 1.17         | -3.94                  | ≤30.00            | PASS    |
| 11AC20MIMO | total | 5825               | ---                     | ---          | -0.51                  | ≤28.09            | PASS    |
| 11AC40MIMO | Ant1  | 5755               | -6.54                   | 1.96         | -4.58                  | ≤30.00            | PASS    |
| 11AC40MIMO | Ant2  | 5755               | -5.74                   | 2.04         | -3.70                  | ≤30.00            | PASS    |
| 11AC40MIMO | total | 5755               | ---                     | ---          | -1.11                  | ≤28.09            | PASS    |
| 11AC40MIMO | Ant1  | 5795               | -6.33                   | 2.06         | -4.27                  | ≤30.00            | PASS    |
| 11AC40MIMO | Ant2  | 5795               | -6.13                   | 2.06         | -4.07                  | ≤30.00            | PASS    |
| 11AC40MIMO | total | 5795               | ---                     | ---          | -1.16                  | ≤28.09            | PASS    |
| 11AC80MIMO | Ant1  | 5775               | -11                     | 3.12         | -7.88                  | ≤30.00            | PASS    |
| 11AC80MIMO | Ant2  | 5775               | -10.3                   | 3.12         | -7.18                  | ≤30.00            | PASS    |
| 11AC80MIMO | total | 5775               | ---                     | ---          | -4.51                  | ≤28.09            | PASS    |
| 11AX20MIMO | Ant1  | 5745               | -4.43                   | 2.30         | -2.13                  | ≤30.00            | PASS    |
| 11AX20MIMO | Ant2  | 5745               | -3.86                   | 2.22         | -1.64                  | ≤30.00            | PASS    |
| 11AX20MIMO | total | 5745               | ---                     | ---          | 1.13                   | ≤28.09            | PASS    |