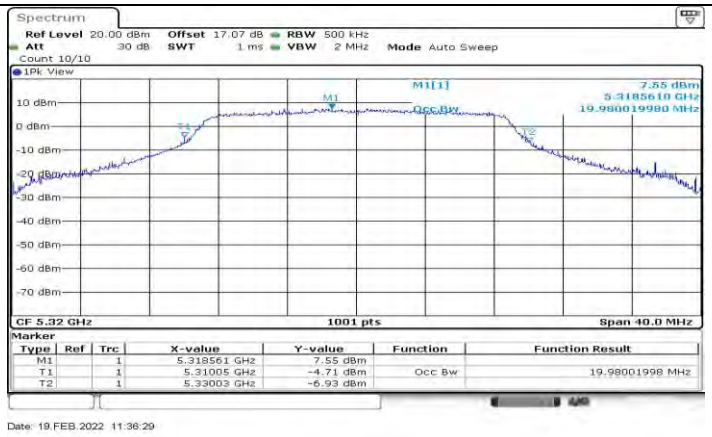


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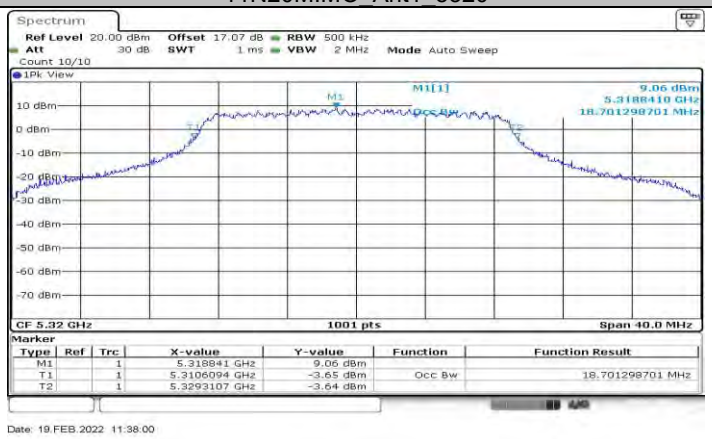


11N20MIMO_Ant2_5320

11N20MIMO_Ant1_5500


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11N20MIMO_Ant2_5500

11N20MIMO_Ant1_5580

11N20MIMO_Ant2_5580


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11N20MIMO_Ant1_5700

11N20MIMO_Ant2_5700

11N20MIMO_Ant1_5720


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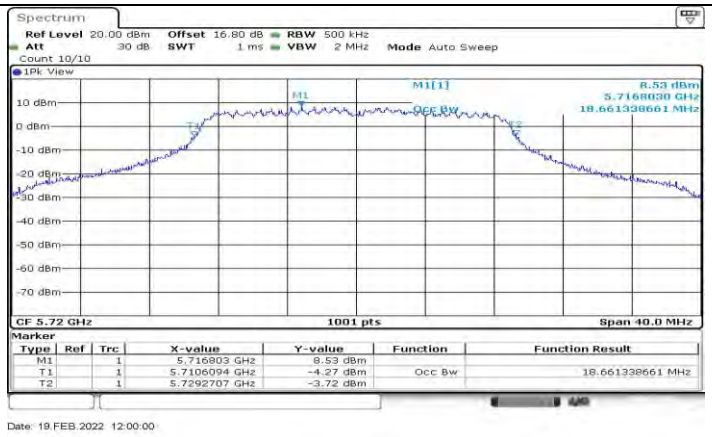


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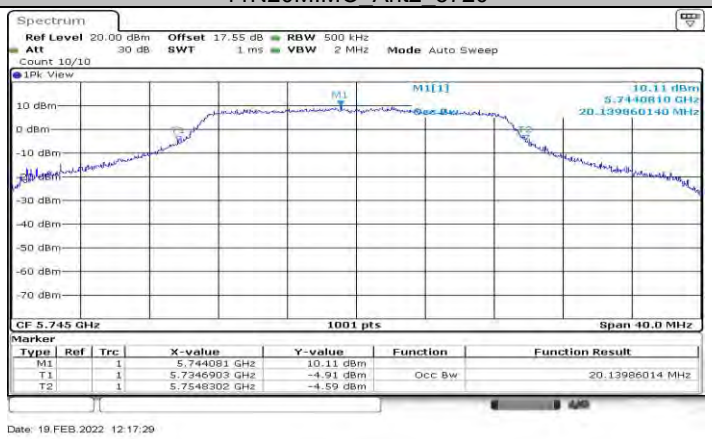


11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745


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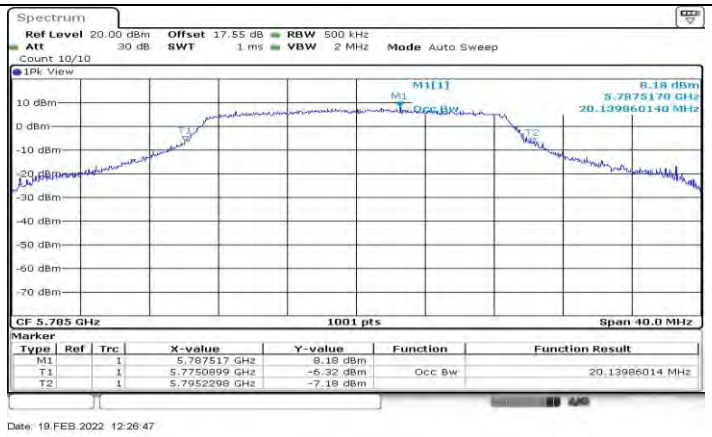


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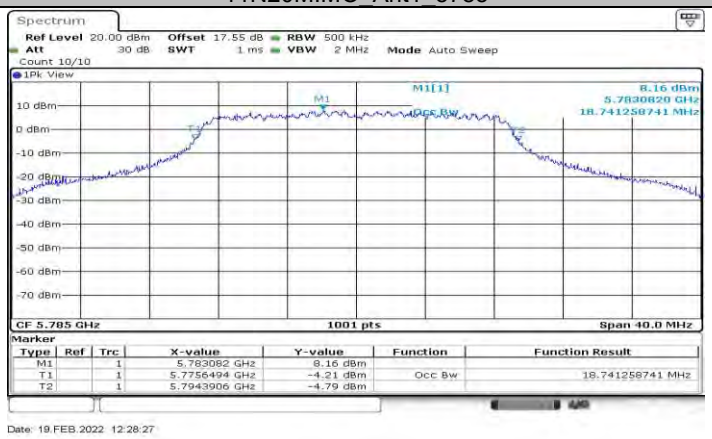


11N20MIMO_Ant2_5785

11N20MIMO_Ant1_5825


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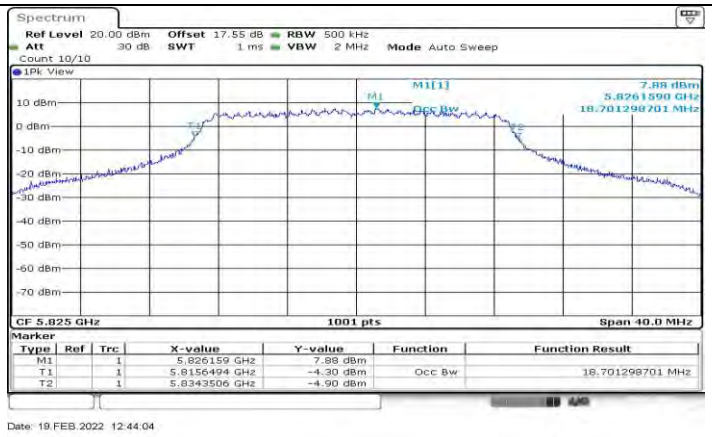


11N20MIMO_Ant2_5825

11N40MIMO_Ant1_5190

11N40MIMO_Ant2_5190


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11N40MIMO_Ant1_5230

11N40MIMO_Ant2_5230

11N40MIMO_Ant1_5270


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11N40MIMO_Ant2_5270

11N40MIMO_Ant1_5310

11N40MIMO_Ant2_5310


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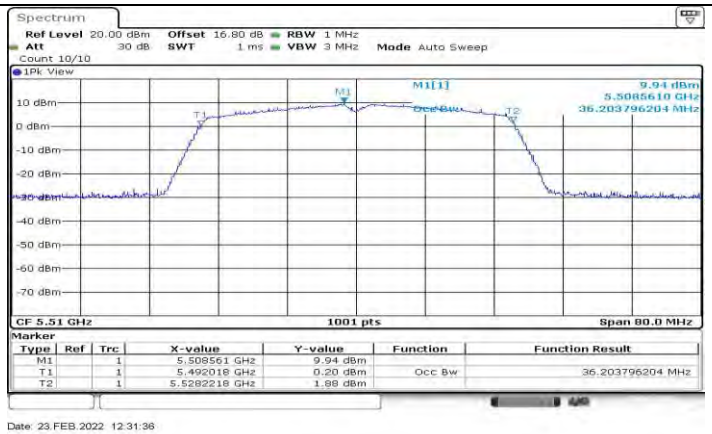
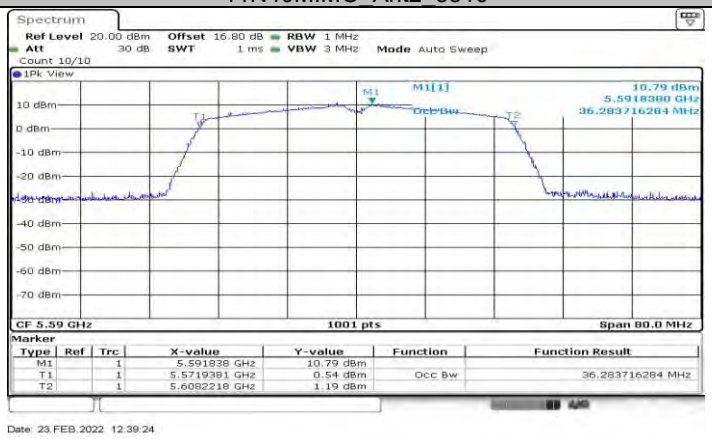



11N40MIMO_Ant1_5510

11N40MIMO_Ant2_5510




11N40MIMO_Ant1_5590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11N40MIMO_Ant2_5590

11N40MIMO_Ant1_5670

11N40MIMO_Ant2_5670


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11N40MIMO_Ant1_5710

11N40MIMO_Ant2_5710

11N40MIMO_Ant1_5755


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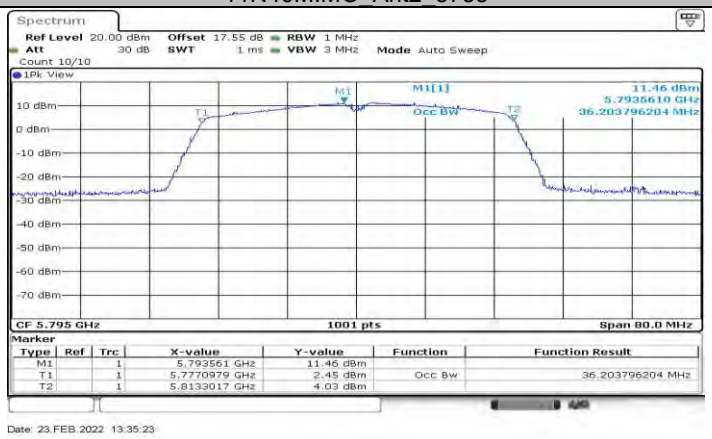


11N40MIMO_Ant1_5795

11N40MIMO_Ant2_5795


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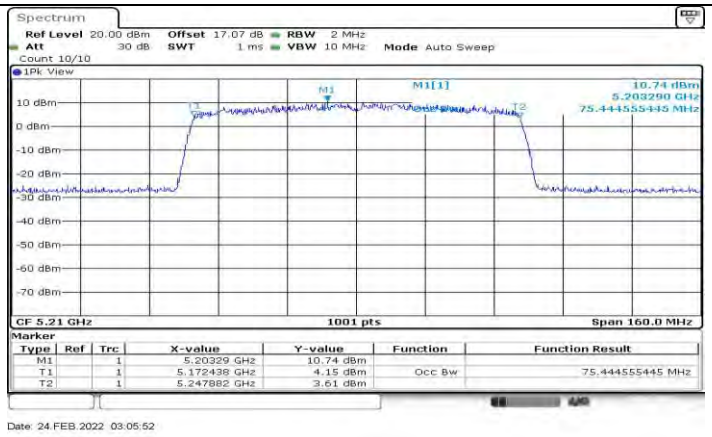
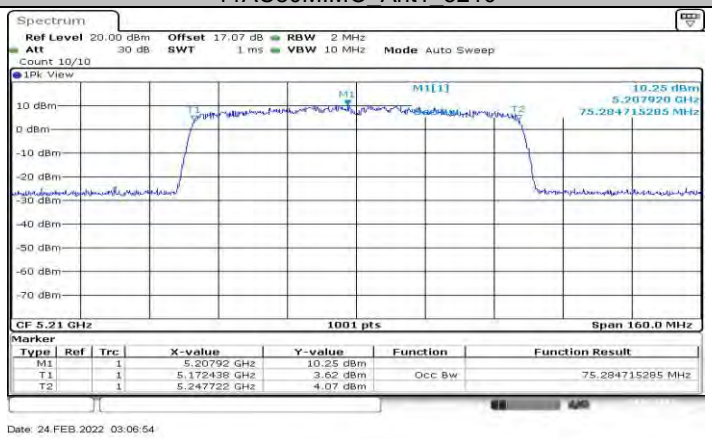



11AC80MIMO_Ant1_5210




11AC80MIMO_Ant2_5210

11AC80MIMO_Ant1_5290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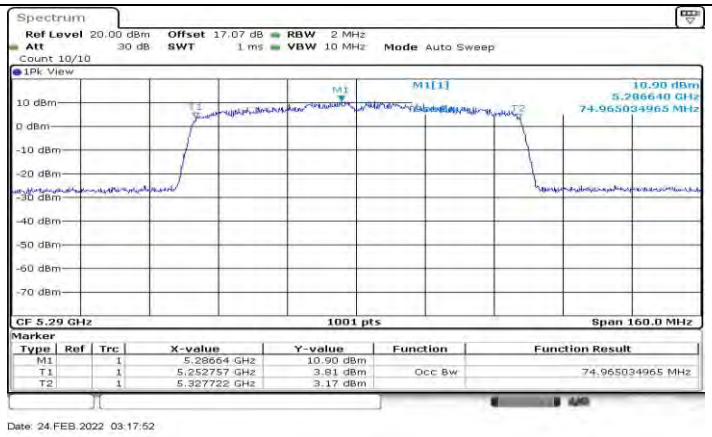


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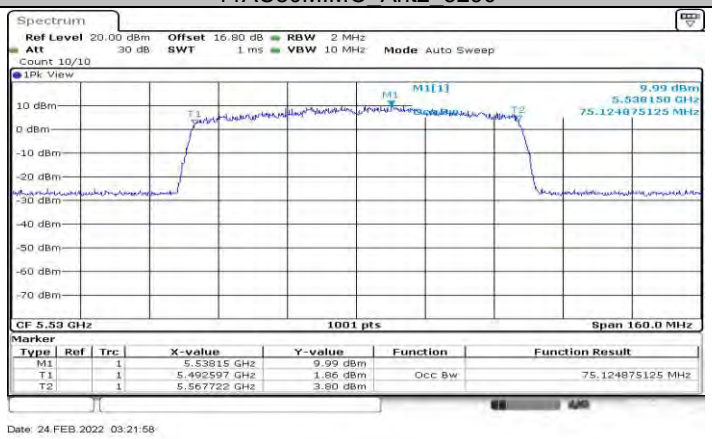


11AC80MIMO_Ant1_5530

11AC80MIMO_Ant2_5530


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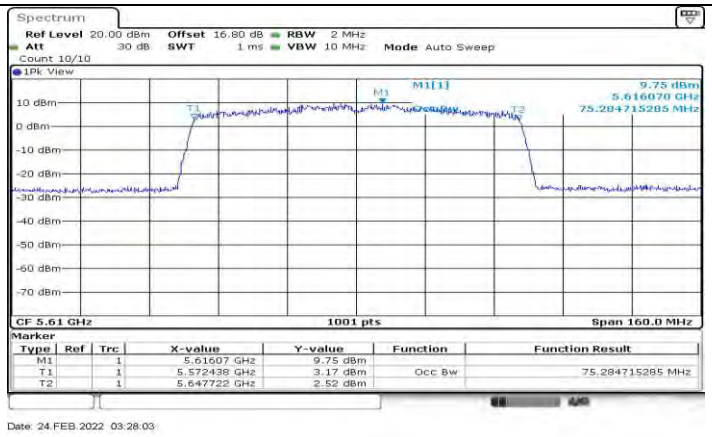


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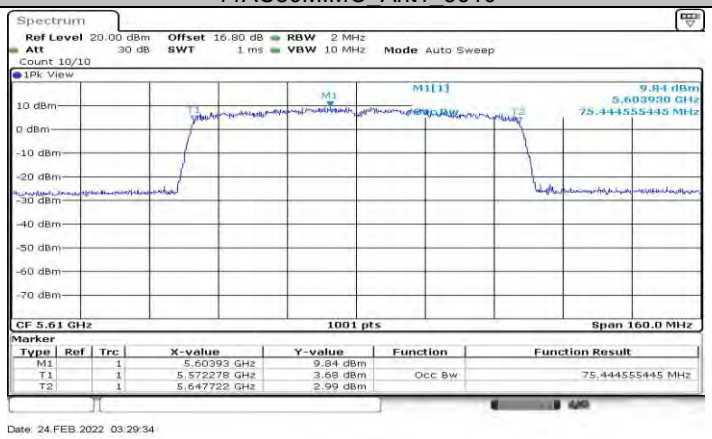


11AC80MIMO_Ant2_5610

11AC80MIMO_Ant1_5690


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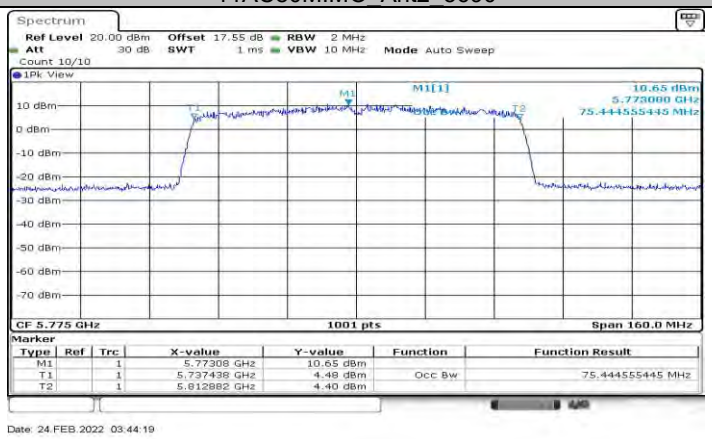
11AC80MIMO_Ant2_5690




11AC80MIMO_Ant1_5775

11AC80MIMO_Ant2_5775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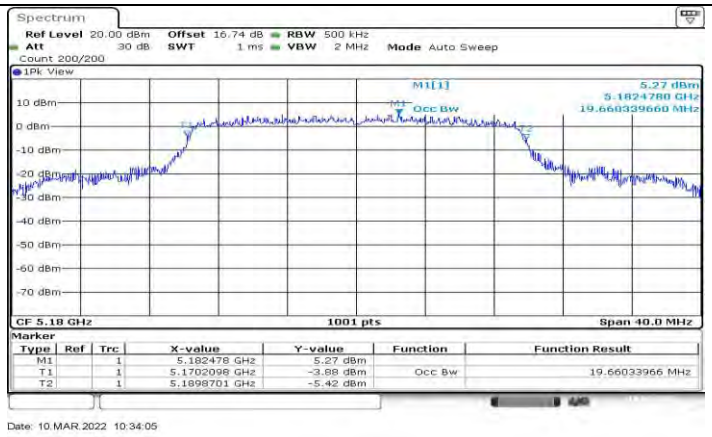
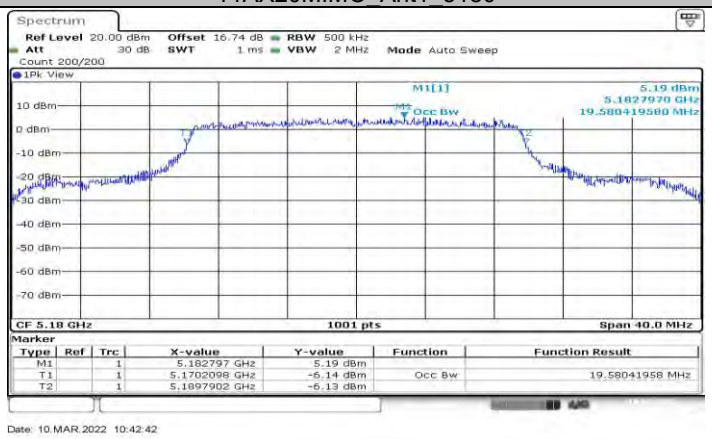



11AX20MIMO_Ant1_5180




11AX20MIMO_Ant2_5180

11AX20MIMO_Ant1_5200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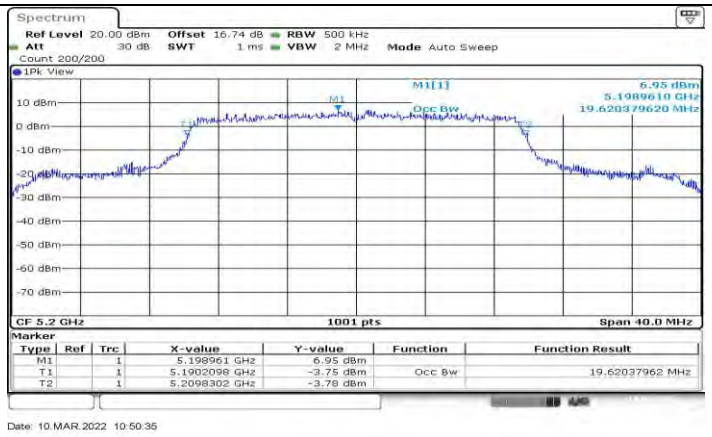


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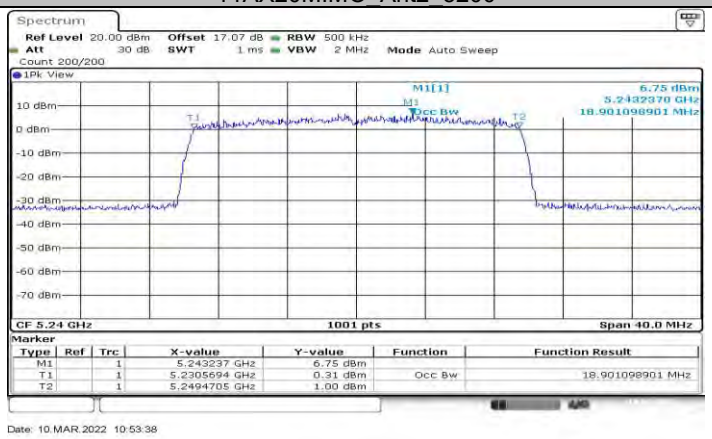
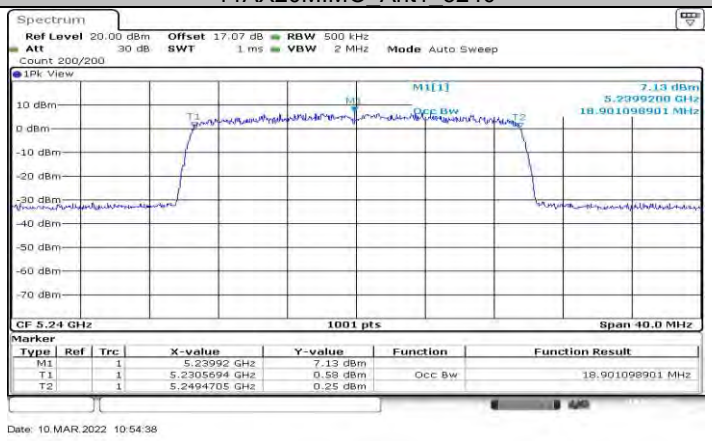



11AX20MIMO_Ant1_5240

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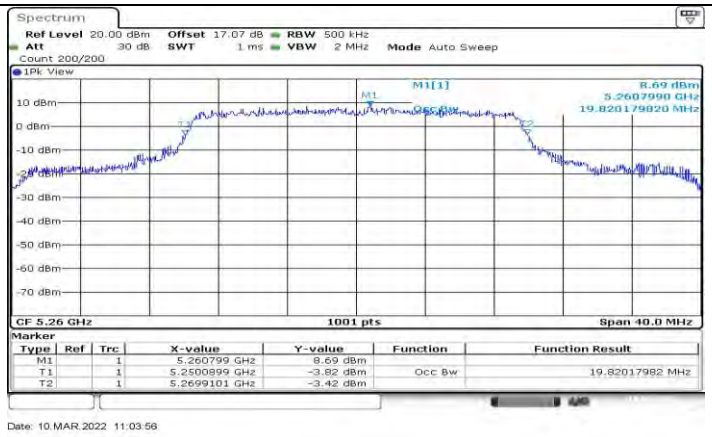


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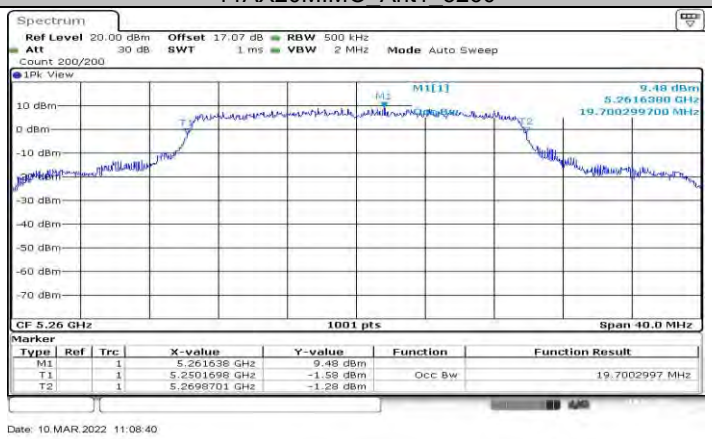


11AX20MIMO_Ant2_5260

11AX20MIMO_Ant1_5280


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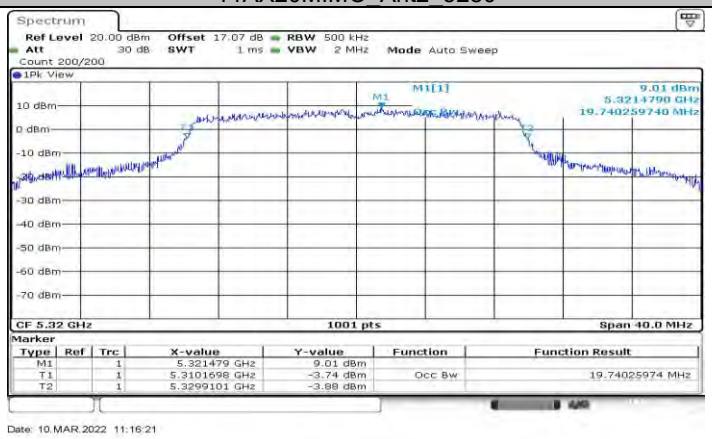
11AX20MIMO_Ant2_5280




11AX20MIMO_Ant1_5320

11AX20MIMO_Ant2_5320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11AX20MIMO_Ant1_5500

11AX20MIMO_Ant2_5500

11AX20MIMO_Ant1_5580


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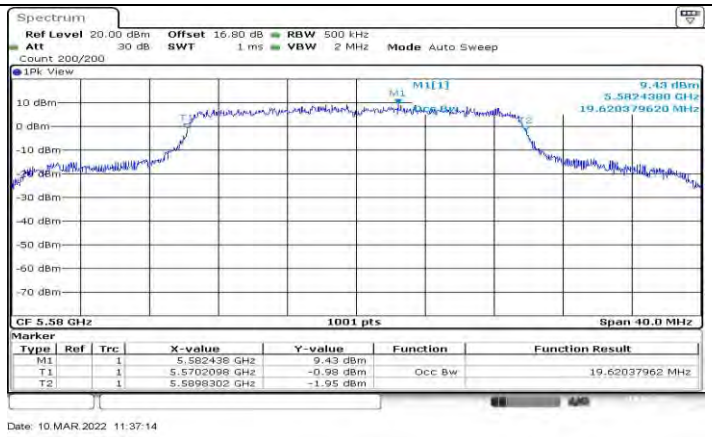


11AX20MIMO_Ant2_5580

11AX20MIMO_Ant1_5700

11AX20MIMO_Ant2_5700


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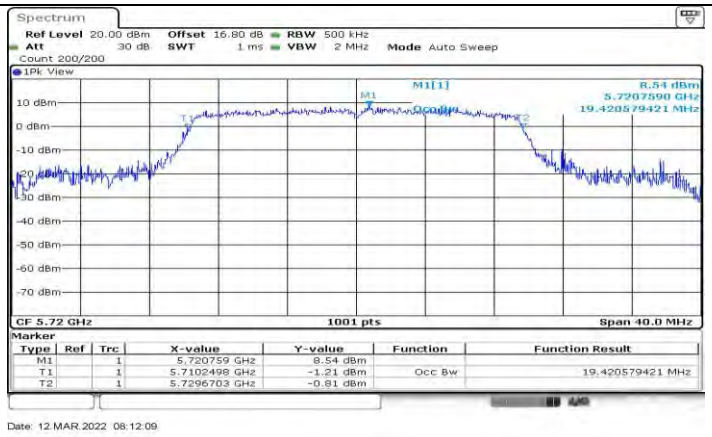


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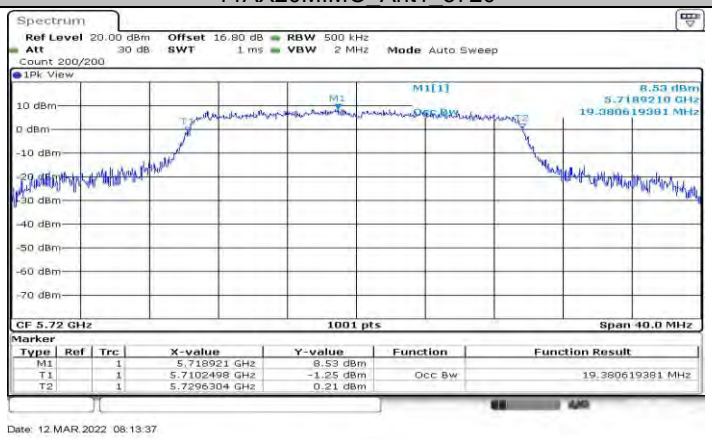


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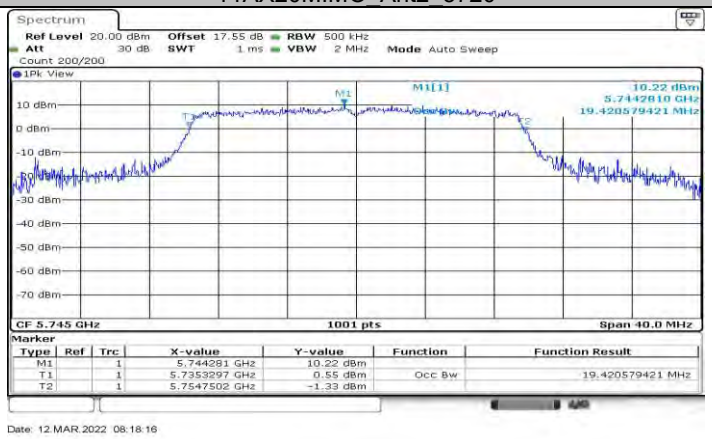


11AX20MIMO_Ant1_5745


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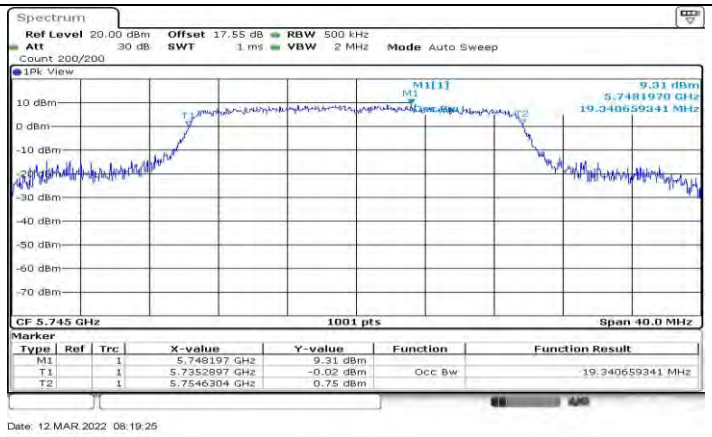
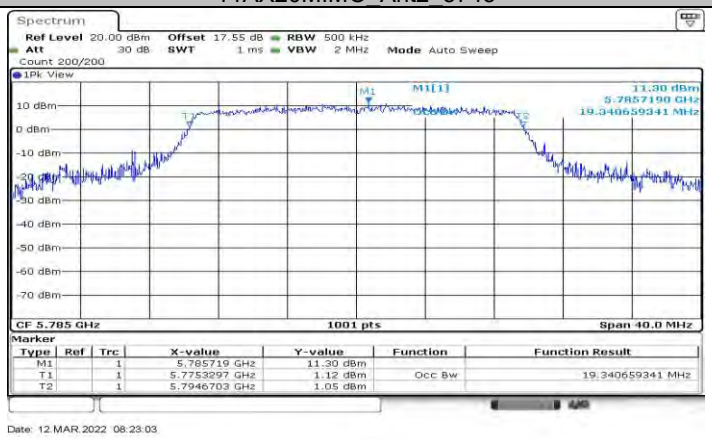



11AX20MIMO_Ant2_5745

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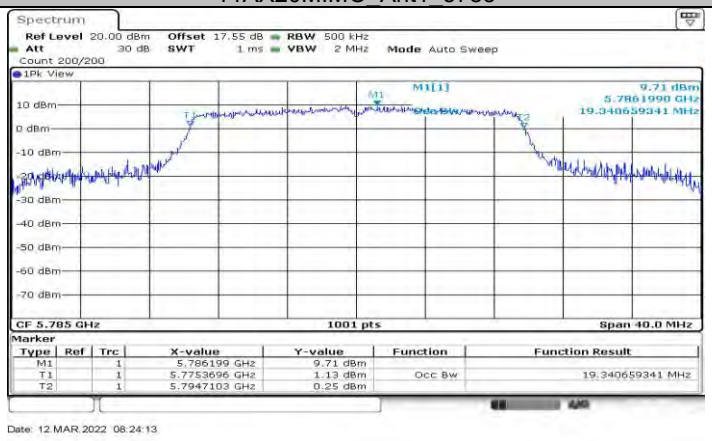


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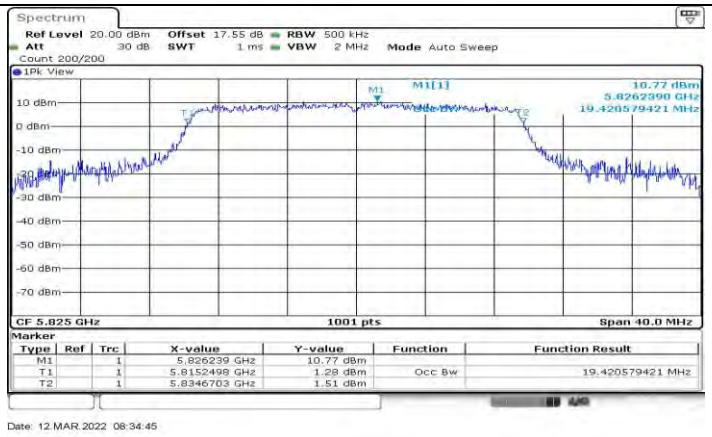
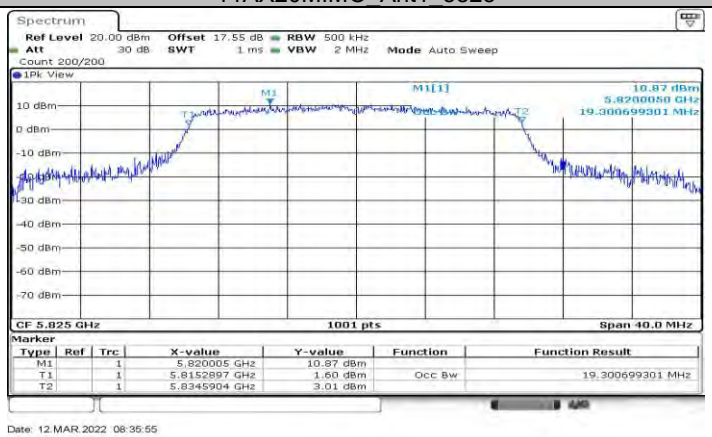
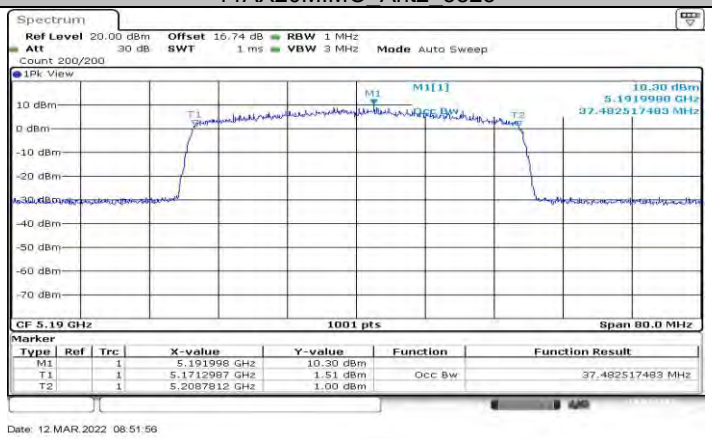



11AX20MIMO_Ant1_5825




11AX20MIMO_Ant2_5825




11AX40MIMO_Ant1_5190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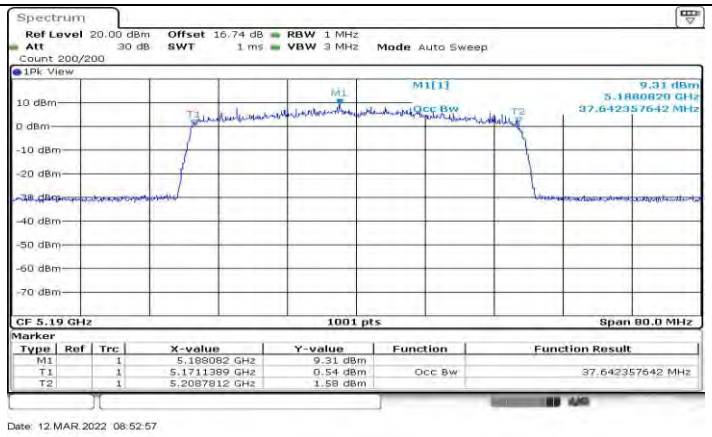


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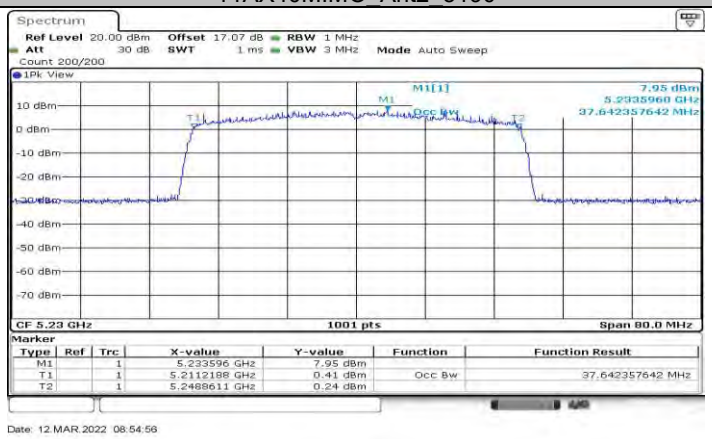


11AX40MIMO_Ant1_5230

11AX40MIMO_Ant2_5230


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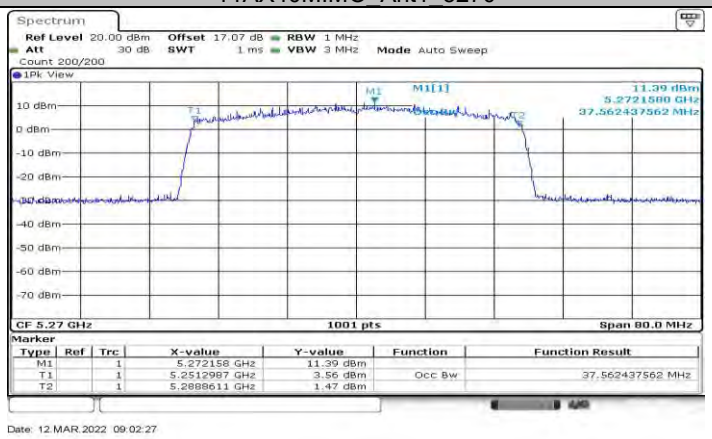
11AX40MIMO_Ant1_5270




11AX40MIMO_Ant2_5270

11AX40MIMO_Ant1_5310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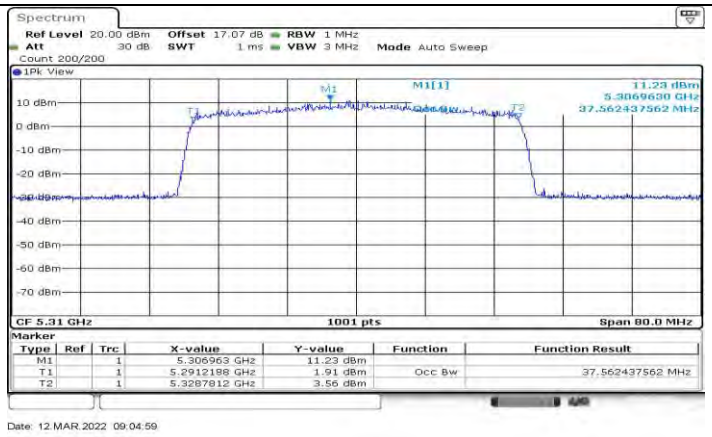


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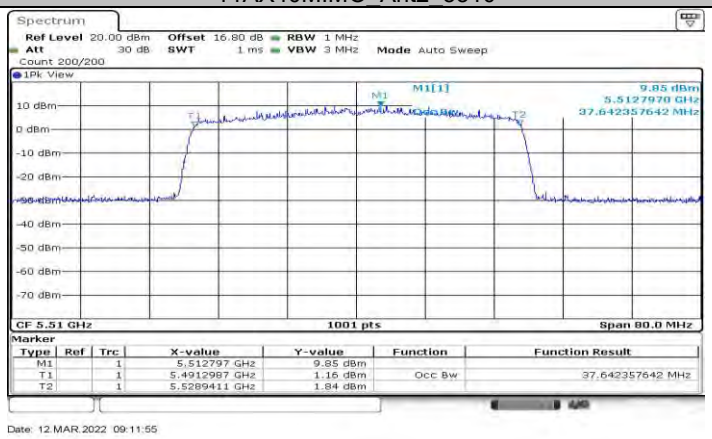
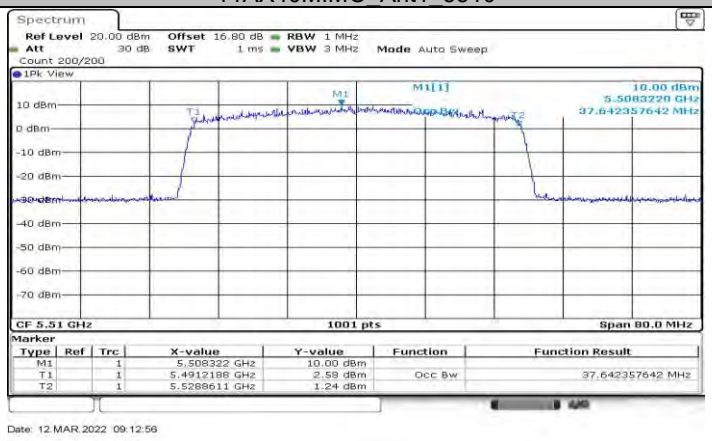



11AX40MIMO_Ant1_5510

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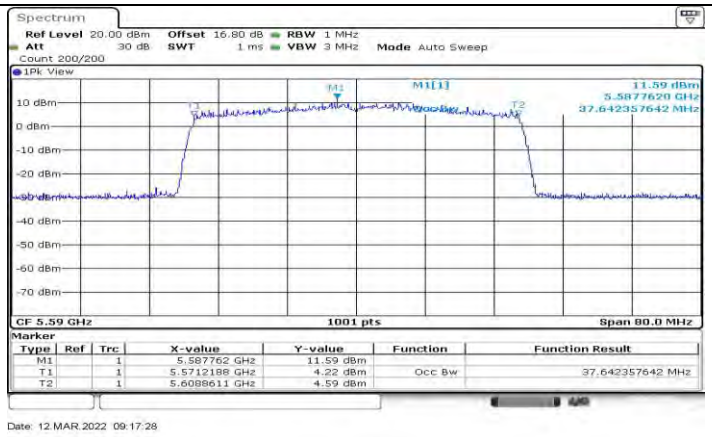
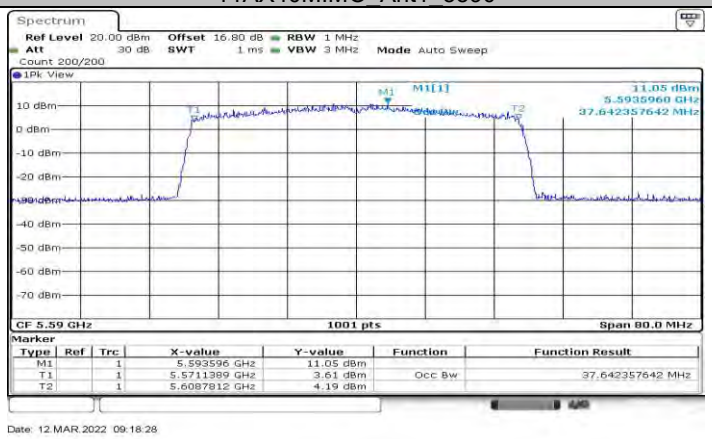



11AX40MIMO_Ant1_5590




11AX40MIMO_Ant2_5590

11AX40MIMO_Ant1_5670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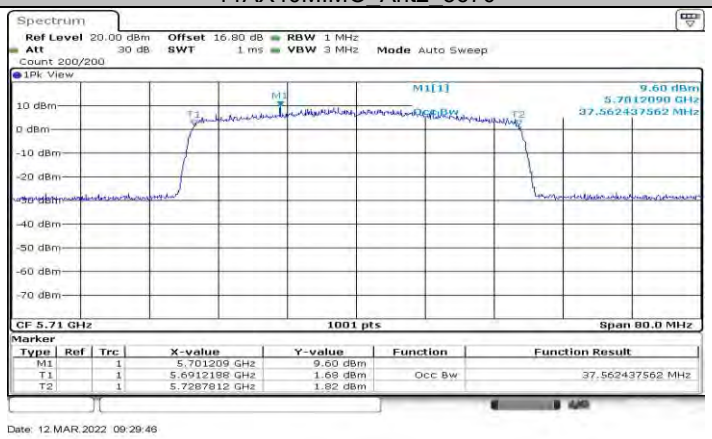
11AX40MIMO_Ant2_5670




11AX40MIMO_Ant1_5710

11AX40MIMO_Ant2_5710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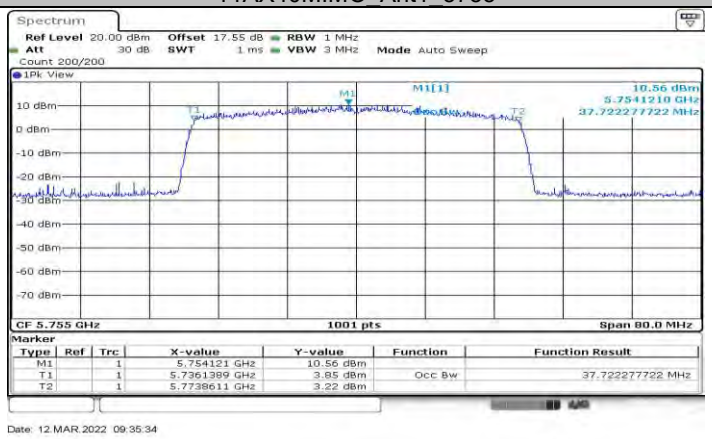
11AX40MIMO_Ant1_5755




11AX40MIMO_Ant2_5755

11AX40MIMO_Ant1_5795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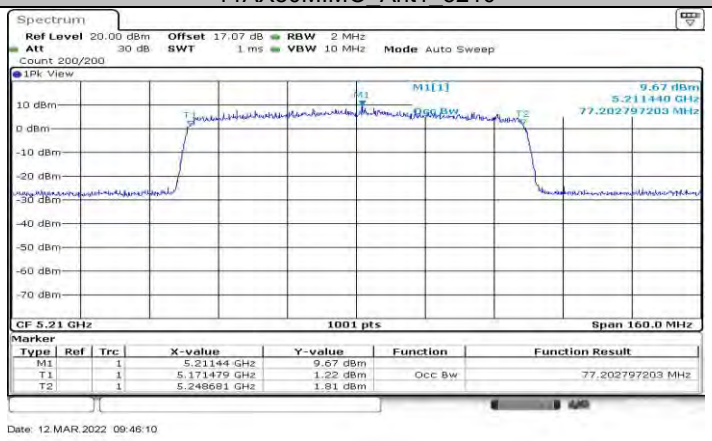
11AX40MIMO_Ant2_5795

11AX80MIMO_Ant1_5210




11AX80MIMO_Ant2_5210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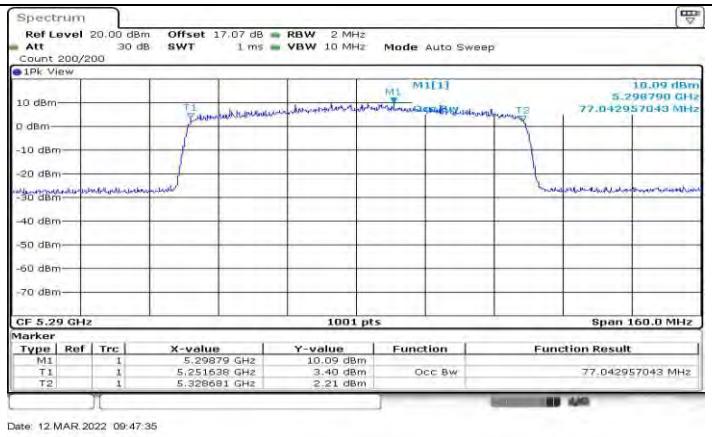
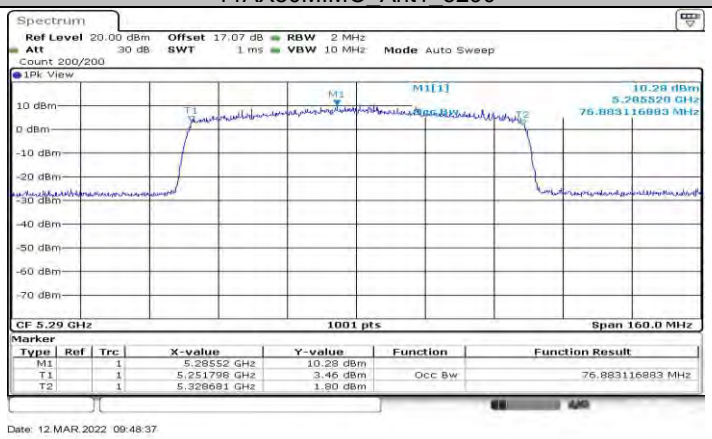



11AX80MIMO_Ant1_5290




11AX80MIMO_Ant2_5290

11AX80MIMO_Ant1_5530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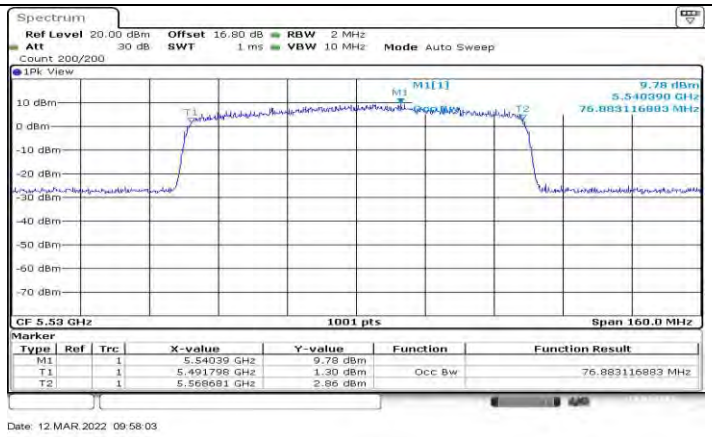


11AX80MIMO_Ant2_5530

11AX80MIMO_Ant1_5610

11AX80MIMO_Ant2_5610


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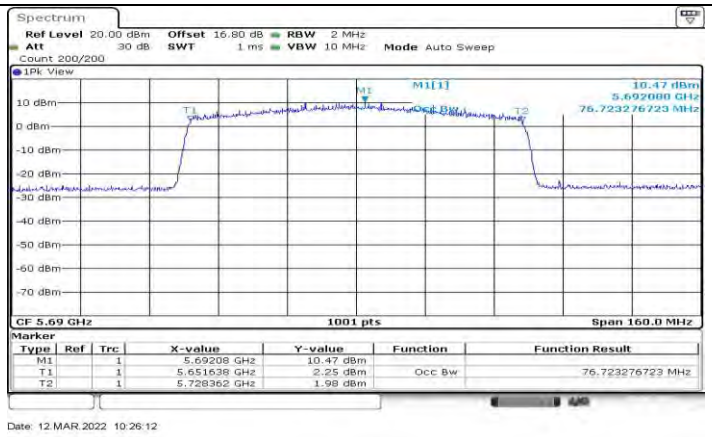
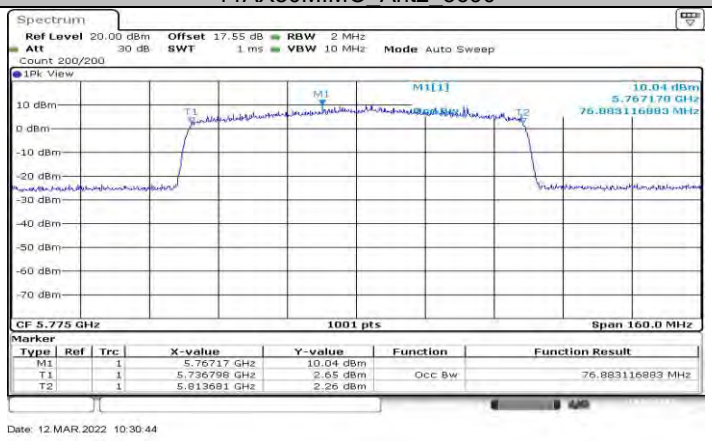



11AX80MIMO_Ant1_5690

11AX80MIMO_Ant2_5690




11AX80MIMO_Ant1_5775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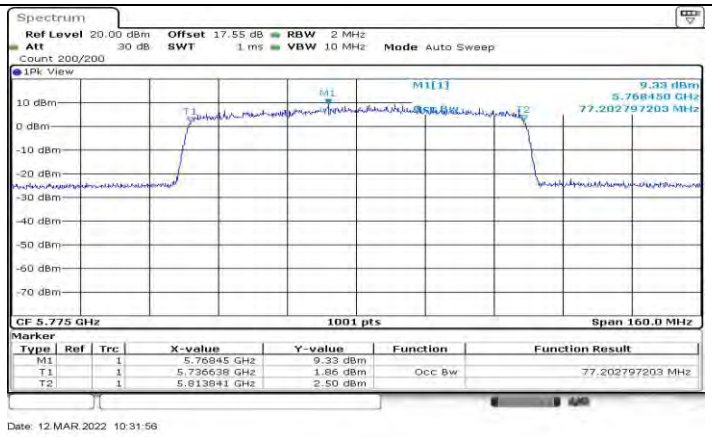


11AX80MIMO_Ant2_5775


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## 12.3. Appendix A3: Min Emission Bandwidth

### 12.3.1. Test Result

| Test Mode | Antenna | Channel | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant1 | 5720_UNII-3 | 3.12 | 5725 | 5728.12 | 0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 3.12 | 5725 | 5728.12 | 0.5 | PASS |
| | Ant1 | 5745 | 16.04 | 5736.84 | 5752.88 | 0.5 | PASS |
| | Ant2 | 5745 | 15.92 | 5736.84 | 5752.76 | 0.5 | PASS |
| | Ant1 | 5785 | 16.32 | 5776.84 | 5793.16 | 0.5 | PASS |
| | Ant2 | 5785 | 16.04 | 5777.08 | 5793.12 | 0.5 | PASS |
| | Ant1 | 5825 | 16.04 | 5816.84 | 5832.88 | 0.5 | PASS |
| | Ant2 | 5825 | 16.28 | 5816.84 | 5833.12 | 0.5 | PASS |
| 11N20MIMO | Ant1 | 5720_UNII-3 | 3.72 | 5725 | 5728.72 | 0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 3.72 | 5725 | 5728.72 | 0.5 | PASS |
| | Ant1 | 5745 | 17.16 | 5736.20 | 5753.36 | 0.5 | PASS |
| | Ant2 | 5745 | 17.56 | 5736.16 | 5753.72 | 0.5 | PASS |
| | Ant1 | 5785 | 17.16 | 5776.56 | 5793.72 | 0.5 | PASS |
| | Ant2 | 5785 | 17.60 | 5776.16 | 5793.76 | 0.5 | PASS |
| | Ant1 | 5825 | 17.56 | 5816.16 | 5833.72 | 0.5 | PASS |
| | Ant2 | 5825 | 17.52 | 5816.20 | 5833.72 | 0.5 | PASS |
| 11N40MIMO | Ant1 | 5710_UNII-3 | 2.52 | 5725 | 5727.52 | 0.5 | PASS |
| | Ant2 | 5710_UNII-3 | 2.52 | 5725 | 5727.52 | 0.5 | PASS |
| | Ant1 | 5755 | 35.04 | 5737.48 | 5772.52 | 0.5 | PASS |
| | Ant2 | 5755 | 35.04 | 5737.48 | 5772.52 | 0.5 | PASS |
| | Ant1 | 5795 | 33.92 | 5778.68 | 5812.60 | 0.5 | PASS |
| | Ant2 | 5795 | 33.84 | 5778.68 | 5812.52 | 0.5 | PASS |
| 11AC80MIMO | Ant1 | 5690_UNII-3 | 2.6 | 5725 | 5727.60 | 0.5 | PASS |
| | Ant2 | 5690_UNII-3 | 2.6 | 5725 | 5727.60 | 0.5 | PASS |
| | Ant1 | 5775 | 75.20 | 5737.40 | 5812.60 | 0.5 | PASS |
| | Ant2 | 5775 | 74.88 | 5737.56 | 5812.44 | 0.5 | PASS |
| 11AX20MIMO | Ant1 | 5720_UNII-3 | 3.52 | 5725 | 5728.52 | 0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 3.28 | 5725 | 5728.28 | 0.5 | PASS |
| | Ant1 | 5745 | 18.60 | 5735.84 | 5754.44 | 0.5 | PASS |
| | Ant2 | 5745 | 18.52 | 5735.64 | 5754.16 | 0.5 | PASS |
| | Ant1 | 5785 | 17.84 | 5776.16 | 5794.00 | 0.5 | PASS |
| | Ant2 | 5785 | 17.88 | 5776.56 | 5794.44 | 0.5 | PASS |
| | Ant1 | 5825 | 18.80 | 5815.44 | 5834.24 | 0.5 | PASS |
| | Ant2 | 5825 | 18.48 | 5815.88 | 5834.36 | 0.5 | PASS |
| 11AX40MIMO | Ant1 | 5710_UNII-3 | 2.6 | 5725 | 5727.60 | 0.5 | PASS |
| | Ant2 | 5710_UNII-3 | 2.52 | 5725 | 5727.52 | 0.5 | PASS |
| | Ant1 | 5755 | 35.36 | 5737.48 | 5772.84 | 0.5 | PASS |
| | Ant2 | 5755 | 35.12 | 5737.40 | 5772.52 | 0.5 | PASS |
| | Ant1 | 5795 | 35.12 | 5777.48 | 5812.60 | 0.5 | PASS |
| | Ant2 | 5795 | 35.12 | 5777.48 | 5812.60 | 0.5 | PASS |


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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 11AX80MIMO | Ant1 | 5690_UNII-3 | 2.6 | 5725 | 5727.60 | 0.5 | PASS |
| | Ant2 | 5690_UNII-3 | -6.2 | 5725 | 5718.80 | 0.5 | PASS |
| | Ant1 | 5775 | 75.20 | 5737.40 | 5812.60 | 0.5 | PASS |
| | Ant2 | 5775 | 75.20 | 5737.40 | 5812.60 | 0.5 | PASS |


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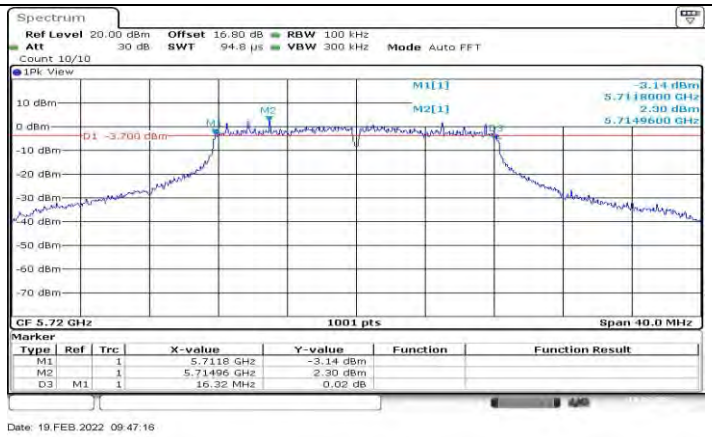
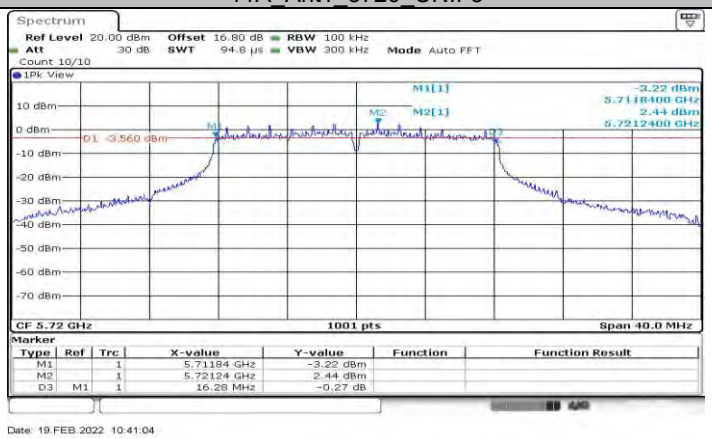
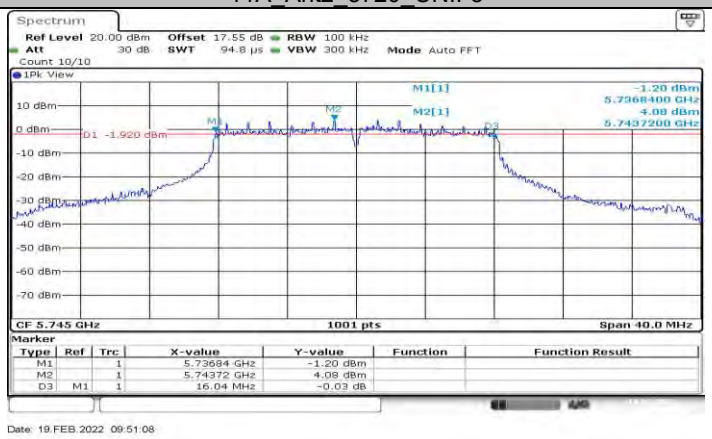
### 12.3.2. Test Graphs




11A_Ant1_5720_UNII-3




11A_Ant2_5720_UNII-3




11A_Ant1_5745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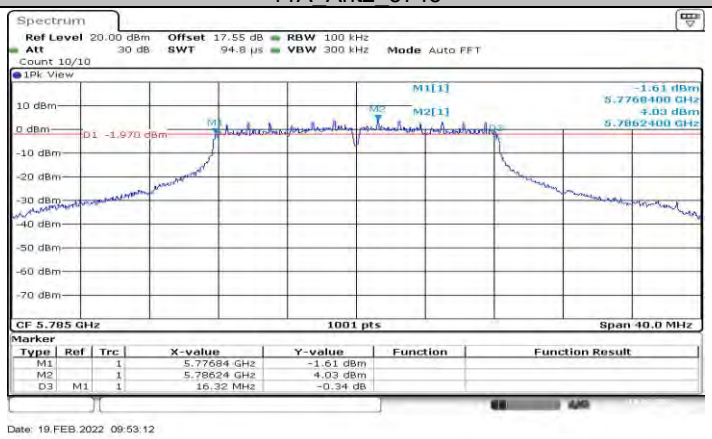
11A_Ant2_5745




11A_Ant1_5785

11A_Ant2_5785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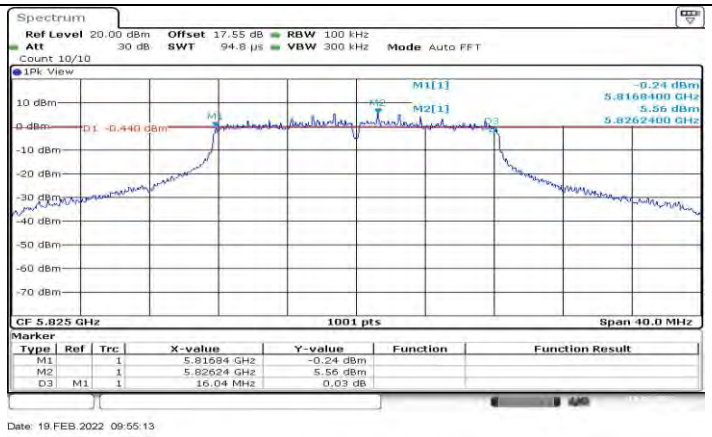
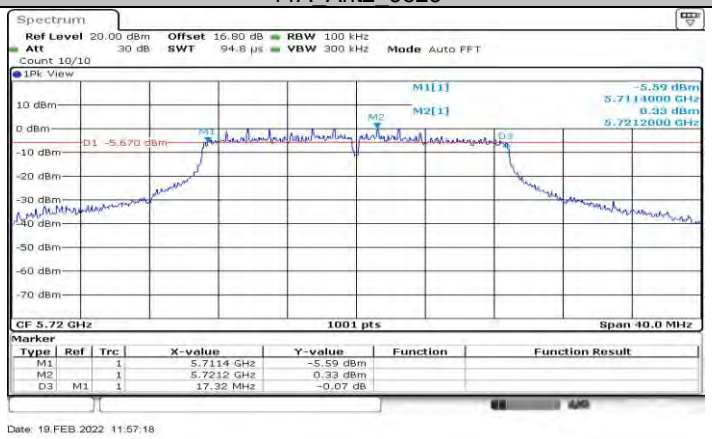



11A_Ant1_5825

11A_Ant2_5825




11N20MIMO_Ant1_5720_UNII-3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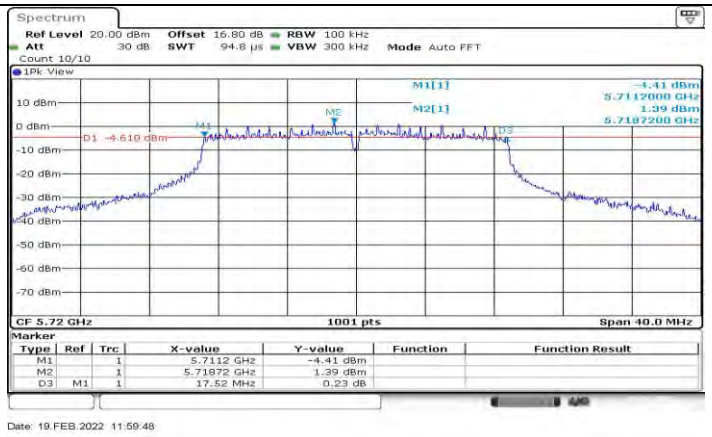
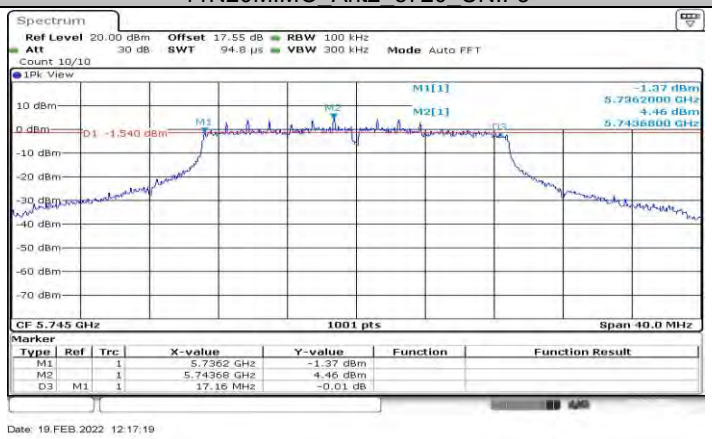
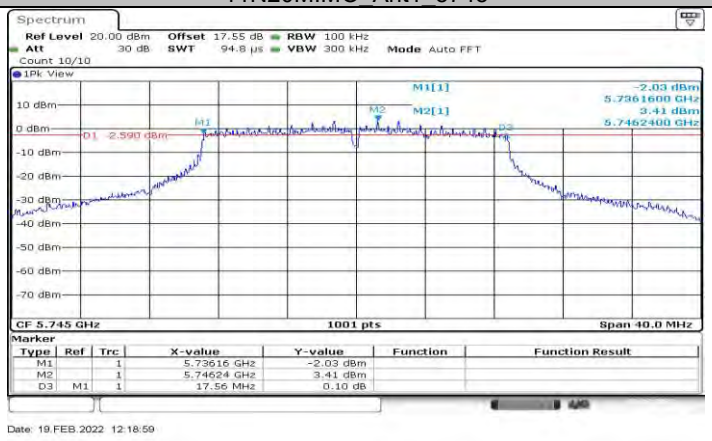



11N20MIMO_Ant2_5720_UNII-3




11N20MIMO_Ant1_5745




11N20MIMO_Ant2_5745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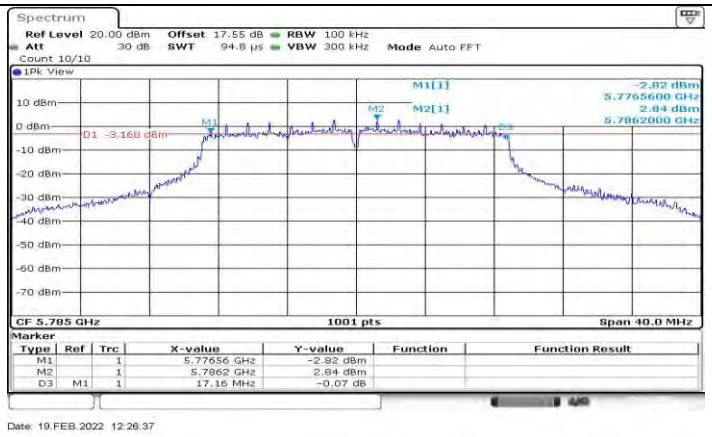
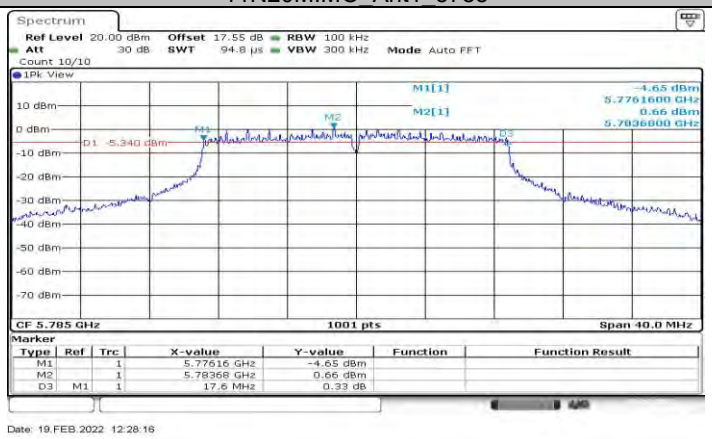
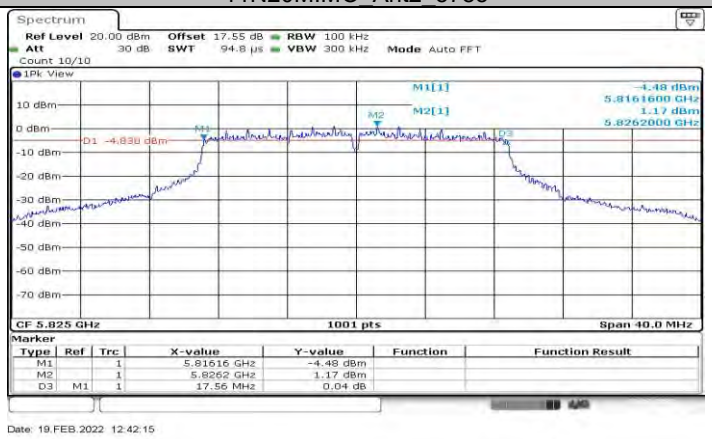



11N20MIMO_Ant1_5785




11N20MIMO_Ant2_5785




11N20MIMO_Ant1_5825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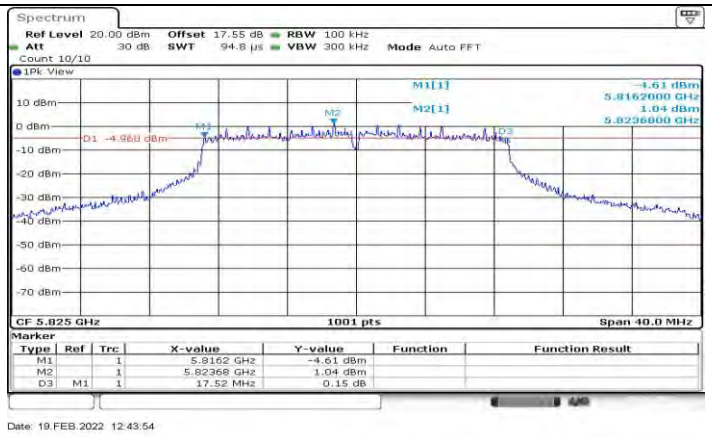
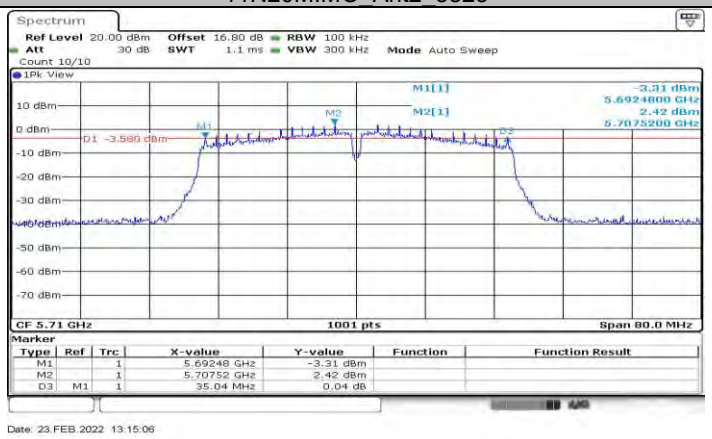
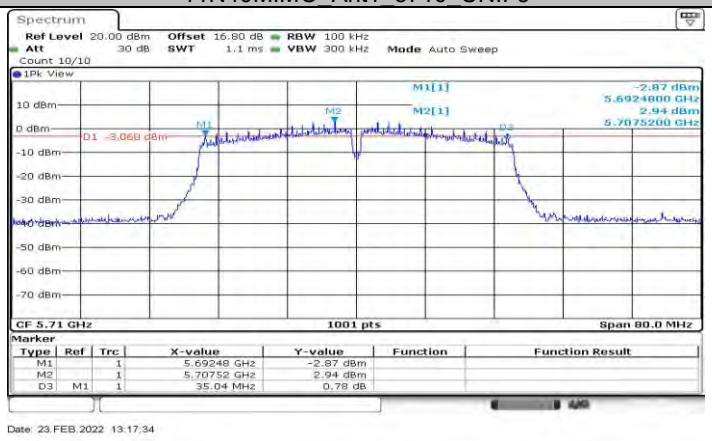



11N20MIMO_Ant2_5825




11N40MIMO_Ant1_5710_UNII-3




11N40MIMO_Ant2_5710_UNII-3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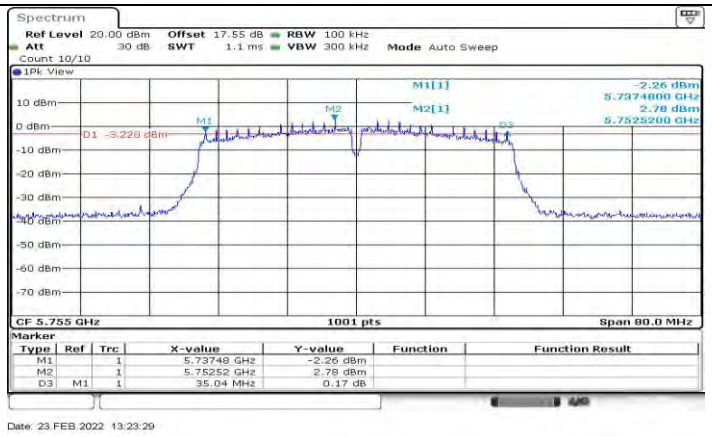
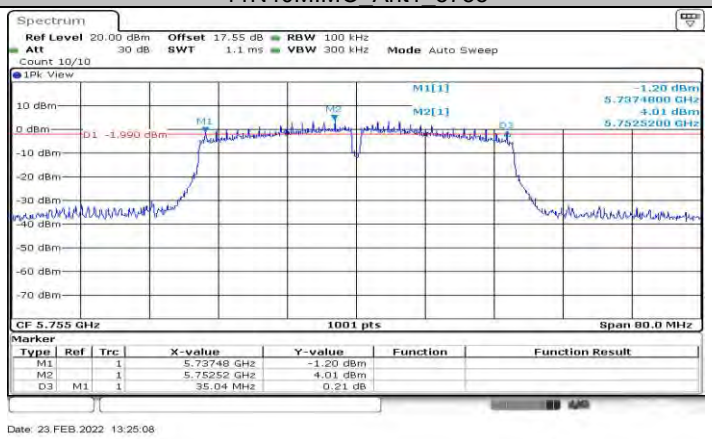
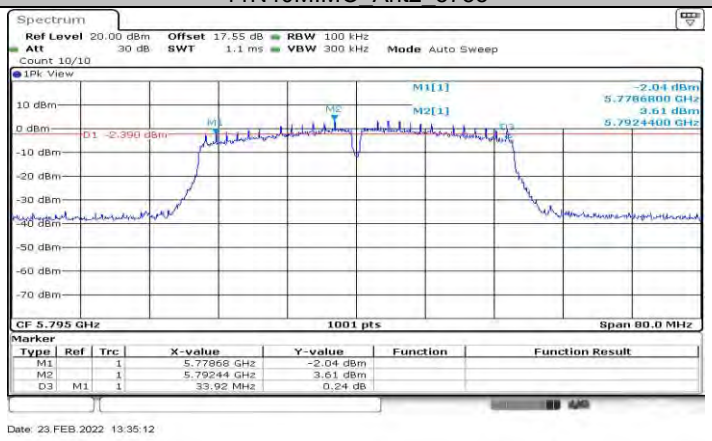



11N40MIMO_Ant1_5755




11N40MIMO_Ant2_5755




11N40MIMO_Ant1_5795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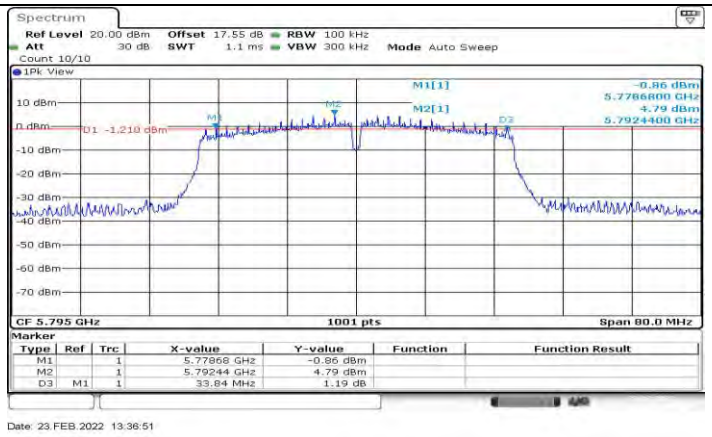
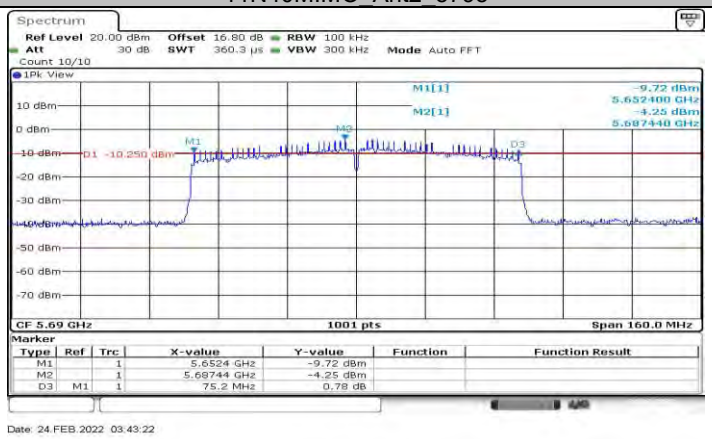
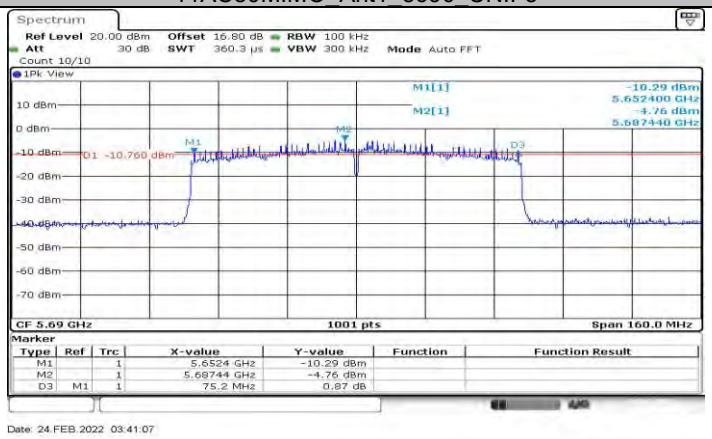



11N40MIMO_Ant2_5795




11AC80MIMO_Ant1_5690_UNII-3




11AC80MIMO_Ant2_5690_UNII-3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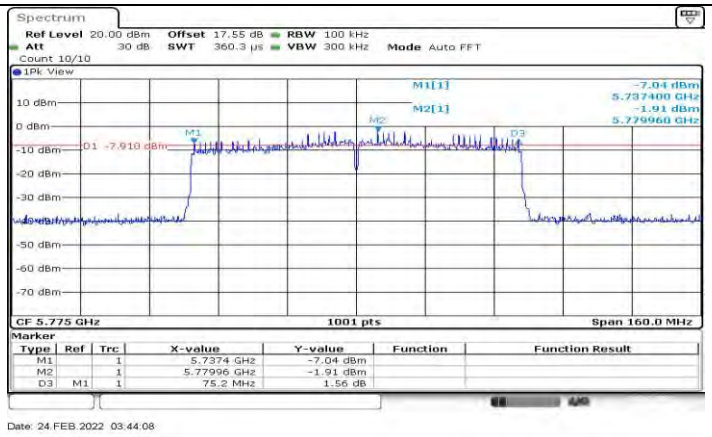
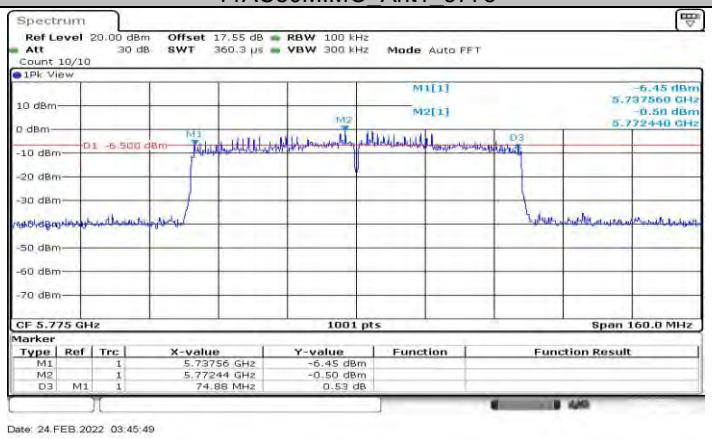
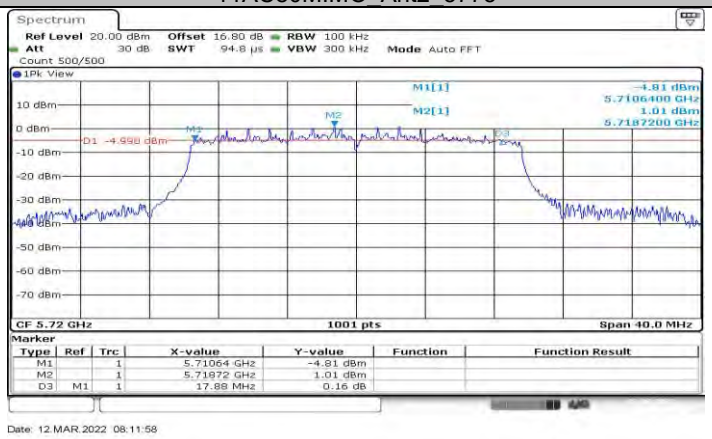



11AC80MIMO_Ant1_5775




11AC80MIMO_Ant2_5775




11AX20MIMO_Ant1_5720_UNII-3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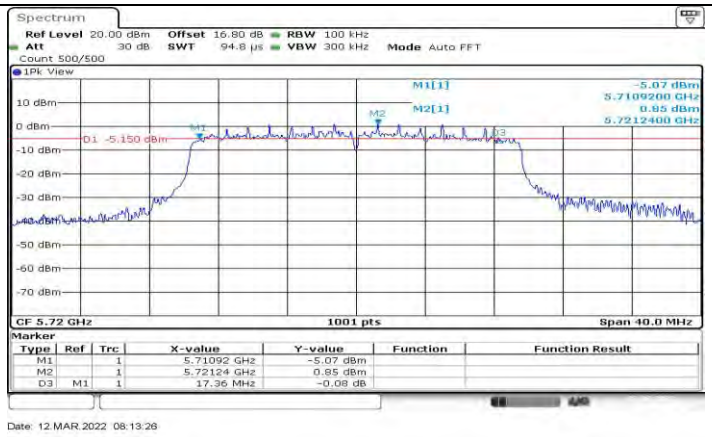
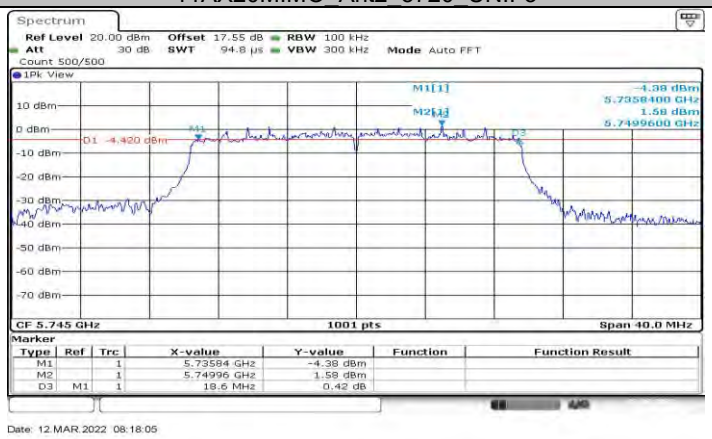
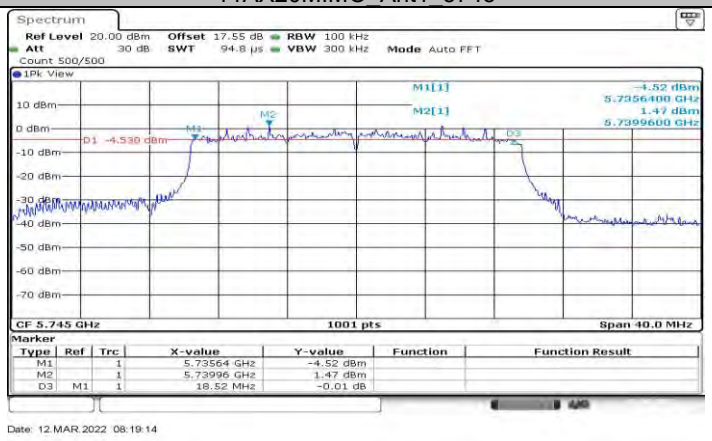



11AX20MIMO_Ant2_5720_UNII-3




11AX20MIMO_Ant1_5745




11AX20MIMO_Ant2_5745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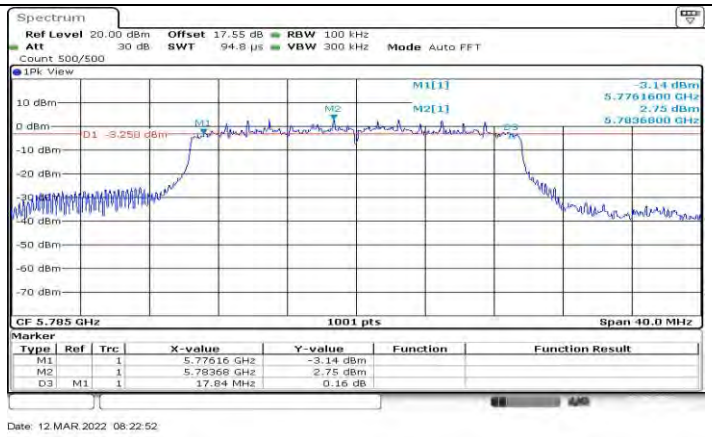
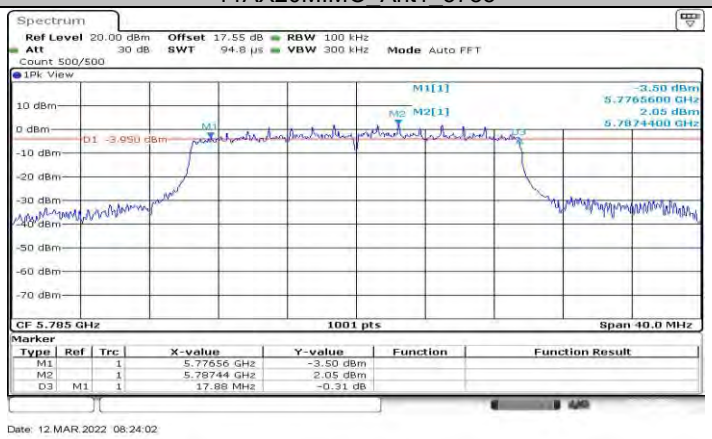
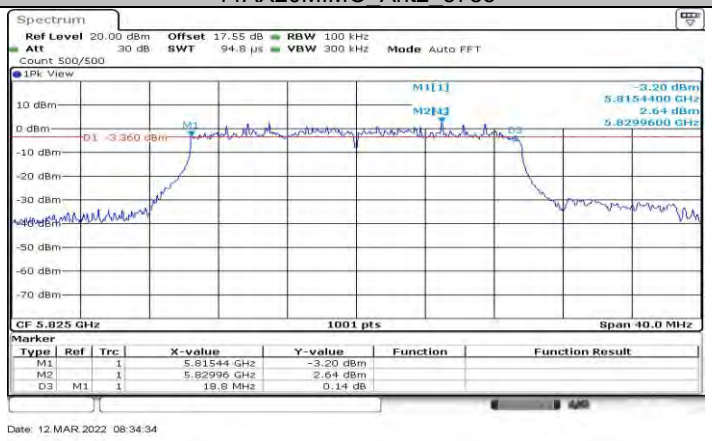



11AX20MIMO_Ant1_5785




11AX20MIMO_Ant2_5785




11AX20MIMO_Ant1_5825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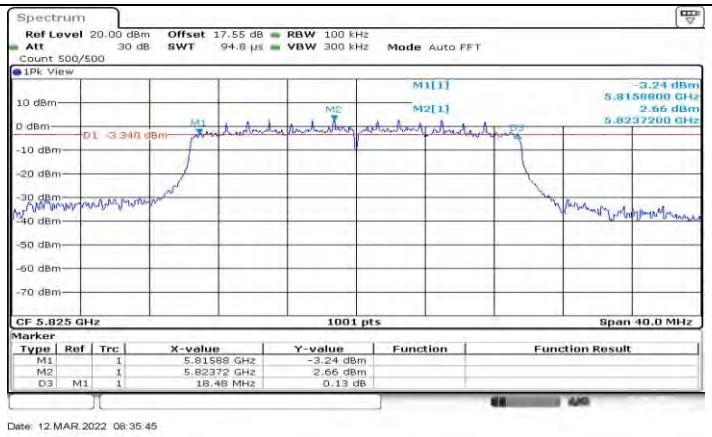
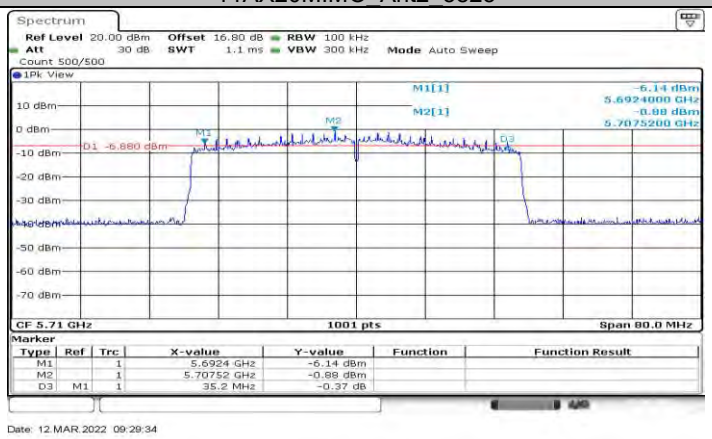
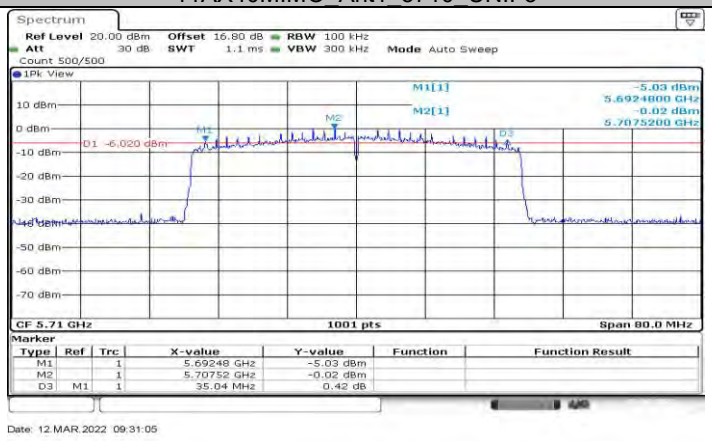



11AX20MIMO_Ant2_5825




11AX40MIMO_Ant1_5710_UNII-3




11AX40MIMO_Ant2_5710_UNII-3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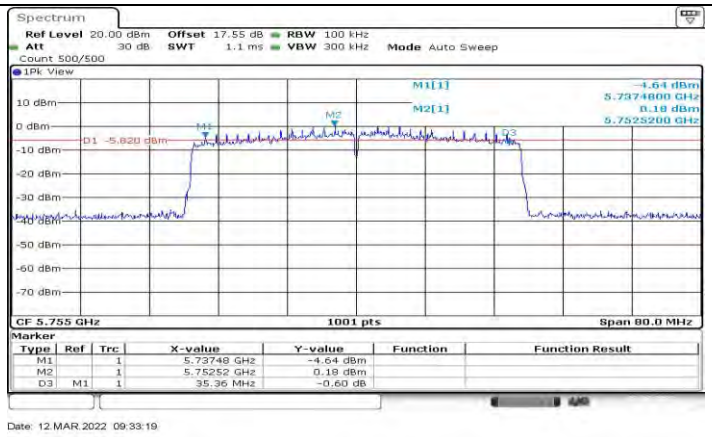
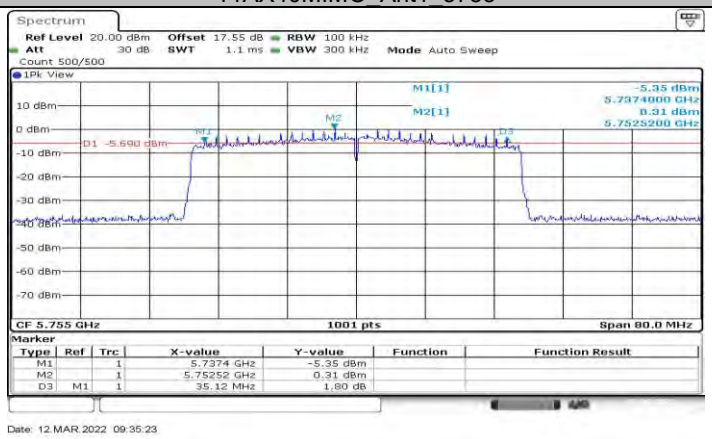
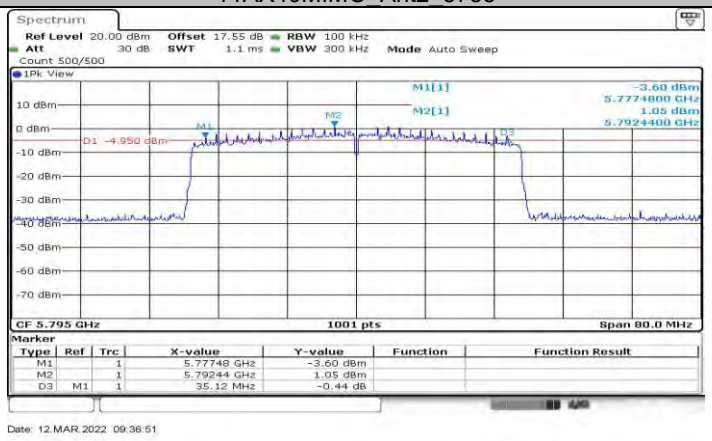



11AX40MIMO_Ant1_5755




11AX40MIMO_Ant2_5755




11AX40MIMO_Ant1_5795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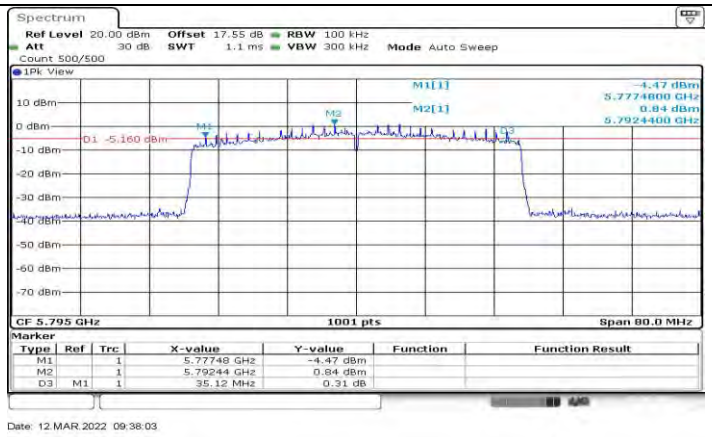
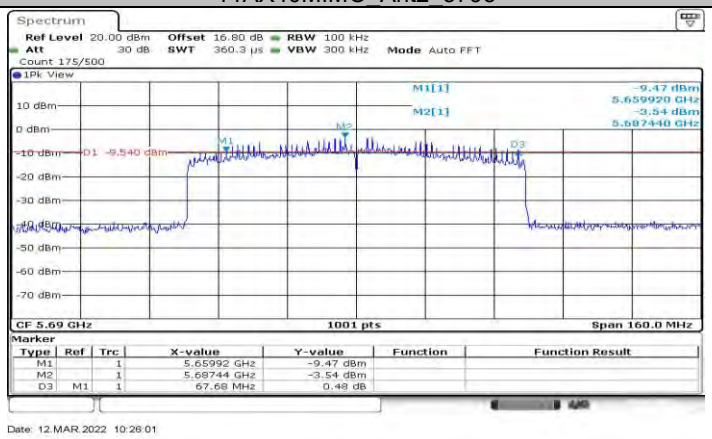
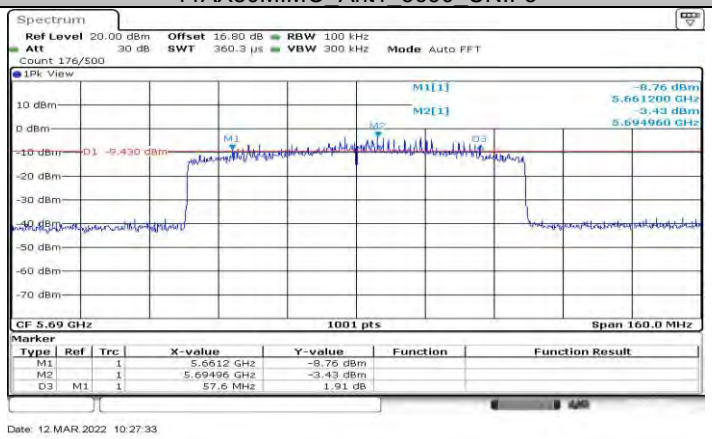



11AX40MIMO_Ant2_5795




11AX80MIMO_Ant1_5690_UNII-3




11AX80MIMO_Ant2_5690_UNII-3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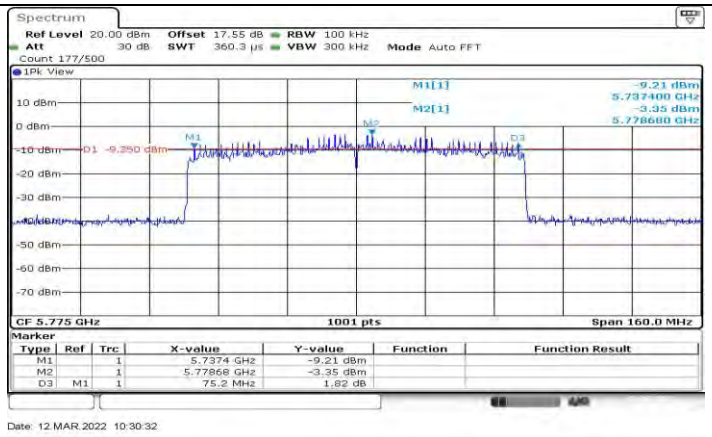
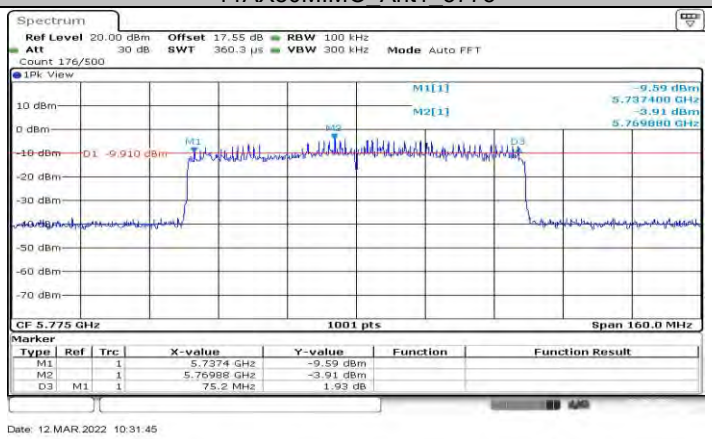



11AX80MIMO_Ant1_5775




11AX80MIMO_Ant2_5775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## 12.4. Appendix B: Maximum Average Conducted Output Power

### 12.4.1. Test Result

| Mode | Frequency (MHz) | Average Power (dBm) | | | Directional gain (dBi) | FCC Limit (dBm) | ISED EIRP (dBm) | | | ISED Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | ANT1 | ANT2 | Total | | | ANT1 | ANT2 | Total | |
| 802.11a 20 | 5180 | 15.74 | 14.51 | / | / | 24.00 | 19.74 | 18.51 | / | 22.21 |
| | 5200 | 15.41 | 14.04 | / | / | 24.00 | 19.41 | 18.04 | / | 22.21 |
| | 5240 | 16.01 | 14.38 | / | / | 24.00 | 20.01 | 18.38 | / | 22.21 |
| | 5260 | 15.06 | 13.46 | / | / | 24.00 | / | / | / | 23.21 |
| | 5280 | 15.48 | 14.10 | / | / | 24.00 | / | / | / | 23.21 |
| | 5320 | 15.40 | 13.83 | / | / | 24.00 | / | / | / | 23.21 |
| | 5500 | 14.35 | 12.98 | / | / | 24.00 | / | / | / | 23.21 |
| | 5580 | 15.12 | 13.12 | / | / | 24.00 | / | / | / | 23.21 |
| | 5700 | 14.35 | 13.07 | / | / | 24.00 | / | / | / | 23.21 |
| | 5720-2C | 13.20 | 12.73 | / | / | 25.00 | / | / | / | 23.21 |
| | 5720-3 | 5.36 | 4.98 | / | / | 29.00 | / | / | / | 24.00 |
| | 5745 | 14.92 | 14.27 | / | / | 30.00 | / | / | / | 30.00 |
| | 5785 | 15.44 | 14.16 | / | / | 30.00 | / | / | / | 30.00 |
| | 5825 | 15.20 | 14.06 | / | / | 30.00 | / | / | / | 30.00 |
| 802.11ac HT20 | 5180 | 10.66 | 9.40 | 13.09 | 4.17 | 24.00 | / | / | 17.26 | 22.50 |
| | 5200 | 10.37 | 8.95 | 12.73 | 4.17 | 24.00 | / | / | 16.90 | 22.50 |
| | 5240 | 10.97 | 9.95 | 13.50 | 4.17 | 24.00 | / | / | 17.67 | 22.50 |
| | 5260 | 12.59 | 11.62 | 15.14 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5280 | 13.59 | 12.22 | 15.97 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5320 | 12.30 | 12.55 | 15.44 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5500 | 13.03 | 11.54 | 15.36 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5580 | 13.81 | 11.46 | 15.80 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5700 | 12.06 | 12.51 | 15.30 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5720-2C | 11.13 | 12.38 | 14.81 | 4.17 | 25.00 | / | / | / | 23.50 |
| | 5720-3 | 4.46 | 5.03 | 7.76 | 4.17 | 29.00 | / | / | / | 24.00 |
| | 5745 | 12.40 | 12.37 | 15.40 | 4.17 | 30.00 | / | / | / | 30.00 |
| | 5785 | 12.34 | 11.73 | 15.06 | 4.17 | 30.00 | / | / | / | 30.00 |
| | 5825 | 12.97 | 11.87 | 15.47 | 4.17 | 30.00 | / | / | / | 30.00 |
| 802.11ac HT40 | 5190 | 12.00 | 12.37 | 15.20 | 4.17 | 24.00 | / | / | 19.37 | 23.00 |


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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5230 | 12.10 | 12.42 | 15.27 | 4.17 | 24.00 | / | / | 19.44 | 23.00 |
| | 5270 | 14.38 | 14.46 | 17.43 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5310 | 14.44 | 14.22 | 17.34 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5510 | 14.23 | 14.65 | 17.46 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5590 | 14.71 | 15.71 | 18.25 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5670 | 14.10 | 14.47 | 17.30 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5710-2C | 14.65 | 14.95 | 17.81 | 4.17 | 25.00 | / | / | / | 24.00 |
| | 5710-3 | -0.85 | -0.23 | 2.48 | 4.17 | 29.00 | / | / | / | 24.00 |
| | 5755 | 15.11 | 16.34 | 18.78 | 4.17 | 30.00 | / | / | / | 30.00 |
| | 5795 | 16.20 | 17.27 | 19.78 | 4.17 | 30.00 | / | / | / | 30.00 |
| 802.11ac HT80 | 5210 | 14.37 | 14.11 | 17.25 | 4.17 | 24.00 | / | / | 21.42 | 23.00 |
| | 5290 | 14.32 | 13.91 | 17.13 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5530 | 13.48 | 13.20 | 16.35 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5610 | 13.31 | 13.35 | 16.34 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5690-2C | 11.26 | 10.97 | 14.13 | 4.17 | 25.00 | / | / | / | 24.00 |
| | 5690-3 | -9.11 | -9.47 | -6.28 | 4.17 | 29.00 | / | / | / | 24.00 |
| | 5775 | 14.61 | 14.96 | 17.80 | 4.17 | 30.00 | / | / | / | 30.00 |
| 802.11ax HE20 | 5180 | 9.53 | 9.77 | 12.66 | 4.17 | 24.00 | / | / | 16.83 | 22.50 |
| | 5200 | 9.34 | 10.57 | 13.11 | 4.17 | 24.00 | / | / | 17.28 | 22.50 |
| | 5240 | 10.09 | 10.83 | 13.49 | 4.17 | 24.00 | / | / | 17.66 | 22.50 |
| | 5260 | 12.60 | 13.01 | 15.82 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5280 | 12.72 | 12.94 | 15.84 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5320 | 12.69 | 13.05 | 15.88 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5500 | 12.83 | 11.95 | 15.42 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5580 | 13.16 | 13.23 | 16.21 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5700 | 12.13 | 12.52 | 15.34 | 4.17 | 24.00 | / | / | / | 23.50 |
| | 5720-2C | 11.06 | 11.43 | 14.26 | 4.17 | 25.00 | / | / | / | 23.50 |
| | 5720-3 | 2.86 | 2.86 | 5.87 | 4.17 | 29.00 | / | / | / | 24.00 |
| | 5745 | 13.31 | 13.06 | 16.20 | 4.17 | 30.00 | / | / | / | 30.00 |
| | 5785 | 14.33 | 13.39 | 16.90 | 4.17 | 30.00 | / | / | / | 30.00 |
| | 5825 | 14.25 | 14.25 | 17.26 | 4.17 | 30.00 | / | / | / | 30.00 |
| 802.11ax HE40 | 5190 | 12.24 | 11.09 | 14.71 | 4.17 | 24.00 | / | / | 18.88 | 23.00 |
| | 5230 | 11.87 | 11.00 | 14.47 | 4.17 | 24.00 | / | / | 18.64 | 23.00 |
| | 5270 | 13.28 | 13.66 | 16.48 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5310 | 13.73 | 13.70 | 16.73 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5510 | 12.72 | 12.55 | 15.65 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5590 | 13.20 | 13.48 | 16.35 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5670 | 12.26 | 12.58 | 15.43 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5710-2C | 11.90 | 12.66 | 15.31 | 4.17 | 25.00 | / | / | / | 24.00 |
| | 5710-3 | -4.36 | -3.71 | -1.01 | 4.17 | 29.00 | / | / | / | 24.00 |
| | 5755 | 13.38 | 13.21 | 16.31 | 4.17 | 30.00 | / | / | / | 30.00 |


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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5795 | 14.16 | 14.01 | 17.10 | 4.17 | 30.00 | / | / | / | 30.00 |
| 802.11ax HE80 | 5210 | 13.20 | 11.85 | 15.59 | 4.17 | 24.00 | / | / | 19.76 | 23.00 |
| | 5290 | 13.06 | 12.96 | 16.02 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5530 | 13.34 | 12.72 | 16.05 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5610 | 13.45 | 13.05 | 16.26 | 4.17 | 24.00 | / | / | / | 24.00 |
| | 5690-2C | 12.27 | 12.47 | 15.38 | 4.17 | 25.00 | / | / | / | 24.00 |
| | 5690-3 | -8.11 | -7.22 | -4.63 | 4.17 | 29.00 | / | / | / | 24.00 |
| | 5775 | 12.70 | 12.36 | 15.54 | 4.17 | 30.00 | / | / | / | 30.00 |

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


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## 12.5. Appendix C: Maximum Power Spectral Density

### 12.5.1. Test Result

| Mode | Frequency (MHz) | PSD 5150-5725 MHz (dBm/MHz) 5725-5850 MHz (dBm/500kHz) | | | Directional gain (dBi) | FCC Limit | PSD EIRP | | | ISED Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | ANT 1 | ANT 2 | Total | | | ANT1 | ANT2 | Total | 10.00 |
| 802.11a 20 | 5180 | 5.11 | 3.95 | / | 0.00 | 11.00 | 9.28 | 8.12 | / | 10.00 |
| | 5200 | 4.86 | 3.32 | / | 0.00 | 11.00 | 9.03 | 7.49 | / | 10.00 |
| | 5240 | 5.14 | 3.7 | / | 0.00 | 11.00 | 9.31 | 7.87 | / | 11.00 |
| | 5260 | 4.23 | 2.99 | / | 0.00 | 11.00 | / | / | / | 11.00 |
| | 5280 | 4.84 | 3.4 | / | 0.00 | 11.00 | / | / | / | 11.00 |
| | 5320 | 4.8 | 3.77 | / | 0.00 | 11.00 | / | / | / | 11.00 |
| | 5500 | 3.93 | 2.35 | / | 0.00 | 11.00 | / | / | / | 11.00 |
| | 5580 | 4.56 | 2.58 | / | 0.00 | 11.00 | / | / | / | 11.00 |
| | 5700 | 3.92 | 3.07 | / | 0.00 | 11.00 | / | / | / | 12.00 |
| | 5720-2C | 3.15 | 2.95 | / | 0.00 | 12.00 | / | / | / | 29.00 |
| | 5720-3 | -0.94 | -1.5 | / | 0.00 | 29.00 | / | / | / | 30.00 |
| | 5745 | 1.6 | 0.67 | / | 0.00 | 30.00 | / | / | / | 30.00 |
| | 5785 | 1.93 | 0.64 | / | 0.00 | 30.00 | / | / | / | 30.00 |
| | 5825 | 2.4 | 1.34 | / | 0.00 | 30.00 | / | / | / | 10.00 |
| 802.11ac HT20 | 5180 | -0.06 | -1.48 | 2.30 | 7.18 | 11.00 | / | / | 9.48 | 10.00 |
| | 5200 | -0.41 | -1.85 | 1.94 | 7.18 | 11.00 | / | / | 9.12 | 10.00 |
| | 5240 | -0.01 | -0.73 | 2.66 | 7.18 | 11.00 | / | / | 9.84 | 11.00 |
| | 5260 | 2.81 | 0.72 | 4.90 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5280 | 2.64 | 1.25 | 5.01 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5320 | 2.22 | 1.79 | 5.02 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5500 | 2.31 | 0.57 | 4.54 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5580 | 3.05 | 0.83 | 5.09 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5700 | 1.02 | 1.68 | 4.37 | 7.18 | 11.00 | / | / | / | 12.00 |
| | 5720-2C | 1.74 | 2.49 | 5.14 | 7.18 | 12.00 | / | / | / | 29.00 |
| | 5720-3 | -2.9 | -2.51 | 0.31 | 7.18 | 29.00 | / | / | / | 30.00 |
| | 5745 | -0.88 | -1.28 | 1.93 | 7.18 | 30.00 | / | / | / | 30.00 |
| | 5785 | -0.68 | -1.75 | 1.83 | 7.18 | 30.00 | / | / | / | 30.00 |
| | 5825 | -0.3 | -1.62 | 2.10 | 7.18 | 30.00 | / | / | / | 10.00 |
| 802.11ac HT40 | 5190 | -1.16 | -0.54 | 2.17 | 7.18 | 11.00 | / | / | 9.35 | 10.00 |
| | 5230 | -0.69 | -0.75 | 2.29 | 7.18 | 11.00 | / | / | 9.47 | 11.00 |
| | 5270 | 1.33 | 1.34 | 4.35 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5310 | 1.32 | 1.76 | 4.56 | 7.18 | 11.00 | / | / | / | 11.00 |


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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5510 | 1.14 | 1.12 | 4.14 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5590 | 1.6 | 1.81 | 4.72 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5670 | 2.27 | 1.33 | 4.84 | 7.18 | 11.00 | / | / | / | 12.00 |
| | 5710-2C | 1.61 | 2.96 | 5.35 | 7.18 | 12.00 | / | / | / | 29.00 |
| | 5710-3 | -5.95 | -4.75 | -2.30 | 7.18 | 29.00 | / | / | / | 30.00 |
| | 5755 | -1 | 0.64 | 2.91 | 7.18 | 30.00 | / | / | / | 30.00 |
| | 5795 | 0.6 | 0.49 | 3.56 | 7.18 | 30.00 | / | / | / | 10.00 |
| 802.11ac HT80 | 5210 | -2.49 | -2.77 | 0.38 | 7.18 | 11.00 | / | / | 7.56 | 11.00 |
| | 5290 | -2.66 | -1.42 | 1.01 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5530 | -3.81 | -2.72 | -0.22 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5610 | -3.16 | -2.97 | -0.05 | 7.18 | 11.00 | / | / | / | 12.00 |
| | 5690-2C | -4.25 | -4.5 | -1.36 | 7.18 | 12.00 | / | / | / | 29.00 |
| | 5690-3 | -10.8 | -12.02 | -8.36 | 7.18 | 29.00 | / | / | / | 30.00 |
| | 5775 | -4.67 | -4.22 | -1.43 | 7.18 | 30.00 | / | / | / | 10.00 |
| 802.11ax HE20 | 5180 | -1.72 | -0.87 | 1.74 | 7.18 | 11.00 | / | / | 8.92 | 10.00 |
| | 5200 | -1.43 | -0.19 | 2.24 | 7.18 | 11.00 | / | / | 9.43 | 10.00 |
| | 5240 | -1.01 | 0.23 | 2.66 | 7.18 | 11.00 | / | / | 9.85 | 11.00 |
| | 5260 | 1.32 | 2.07 | 4.72 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5280 | 1.96 | 2.19 | 5.09 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5320 | 1.7 | 2.48 | 5.12 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5500 | 2.04 | 0.93 | 4.53 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5580 | 2.11 | 2.05 | 5.09 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5700 | 1.33 | 1.43 | 4.39 | 7.18 | 11.00 | / | / | / | 12.00 |
| | 5720-2C | 1.09 | 0.9 | 4.01 | 7.18 | 12.00 | / | / | / | 29.00 |
| | 5720-3 | -3 | -3 | 0.01 | 7.18 | 29.00 | / | / | / | 30.00 |
| | 5745 | -0.78 | -0.75 | 2.25 | 7.18 | 30.00 | / | / | / | 30.00 |
| | 5785 | 0.39 | -0.78 | 2.85 | 7.18 | 30.00 | / | / | / | 30.00 |
| | 5825 | 0.52 | 0.65 | 3.60 | 7.18 | 30.00 | / | / | / | 10.00 |
| 802.11ax HE40 | 5190 | -0.54 | -1.8 | 1.89 | 7.18 | 11.00 | / | / | 9.07 | 10.00 |
| | 5230 | -1.32 | -2.08 | 1.33 | 7.18 | 11.00 | / | / | 8.51 | 11.00 |
| | 5270 | 0.25 | 0.87 | 3.58 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5310 | 0.88 | 0.48 | 3.69 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5510 | -0.76 | -0.39 | 2.44 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5590 | -0.35 | 0.08 | 2.88 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5670 | -0.64 | -1.01 | 2.19 | 7.18 | 11.00 | / | / | / | 12.00 |
| | 5710-2C | -1.12 | -0.1 | 2.43 | 7.18 | 12.00 | / | / | / | 29.00 |
| | 5710-3 | -8.41 | -6.99 | -4.63 | 7.18 | 29.00 | / | / | / | 30.00 |
| | 5755 | -2.86 | -2.98 | 0.09 | 7.18 | 30.00 | / | / | / | 30.00 |
| | 5795 | -1.75 | -1.81 | 1.23 | 7.18 | 30.00 | / | / | / | 10.00 |
| 802.11ax HE80 | 5210 | -2.8 | -4.33 | -0.49 | 7.18 | 11.00 | / | / | 6.69 | 11.00 |
| | 5290 | -3.35 | -2.69 | 0.00 | 7.18 | 11.00 | / | / | / | 11.00 |


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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 5530 | -3.02 | -3.75 | -0.36 | 7.18 | 11.00 | / | / | / | 11.00 |
| | 5610 | -2.93 | -3.4 | -0.15 | 7.18 | 11.00 | / | / | / | 12.00 |
| | 5690-2C | -3.95 | -3.37 | -0.64 | 7.18 | 12.00 | / | / | / | 29.00 |
| | 5690-3 | -11.12 | -9.97 | -7.50 | 7.18 | 29.00 | / | / | / | 30.00 |
| | 5775 | -6.31 | | 0.91 | 7.18 | 30.00 | / | / | / | 10.00 |

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.


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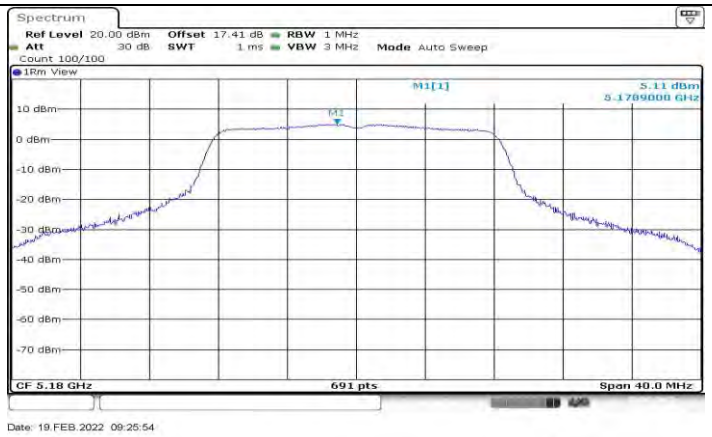
### 12.5.2. Test Graphs




11A_Ant1_5180

11A_Ant2_5180

11A_Ant1_5200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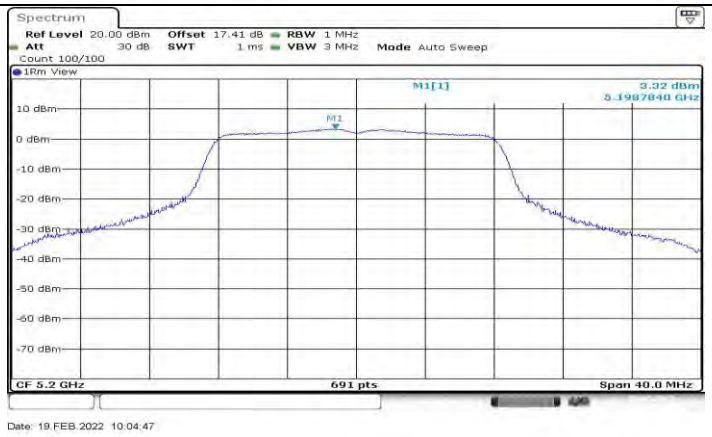


11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240


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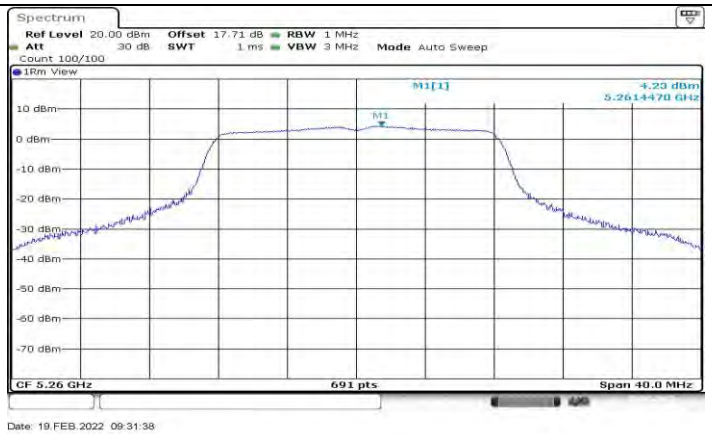


11A_Ant1_5260

11A_Ant2_5260

11A_Ant1_5280


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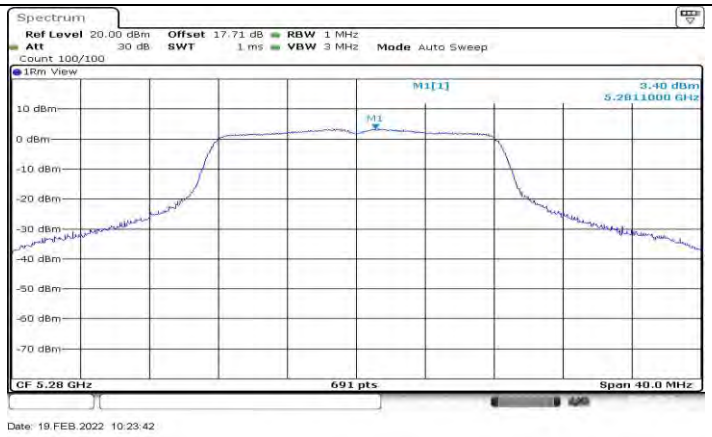


11A_Ant2_5280

11A_Ant1_5320

11A_Ant2_5320


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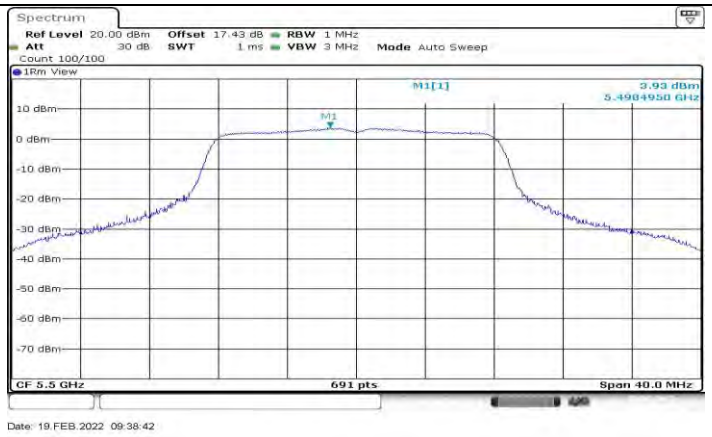


11A_Ant1_5500

11A_Ant2_5500

11A_Ant1_5580


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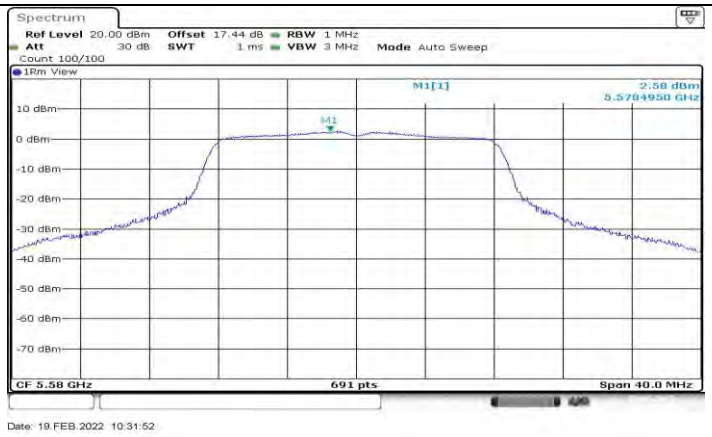


11A_Ant2_5580

11A_Ant1_5700

11A_Ant2_5700


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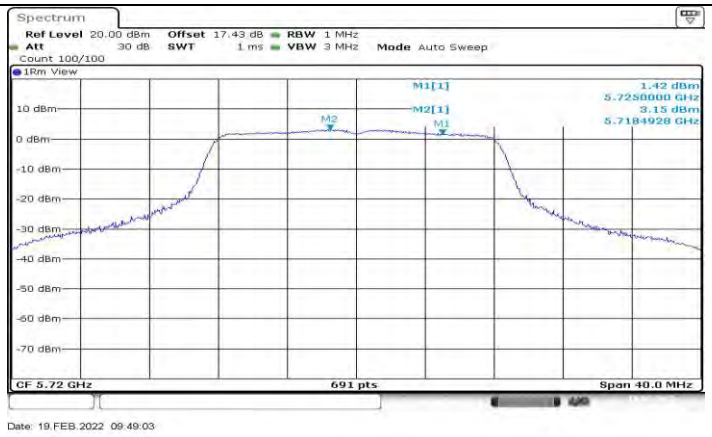


11A_Ant1_5720_UNII-2C

11A_Ant2_5720_UNII-2C

11A_Ant1_5720_UNII-3


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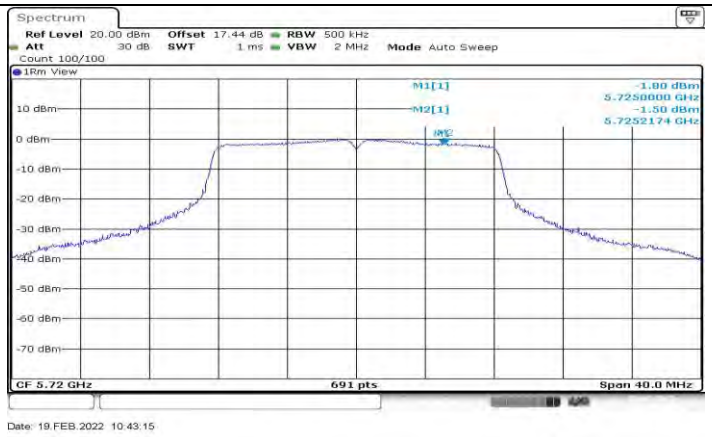
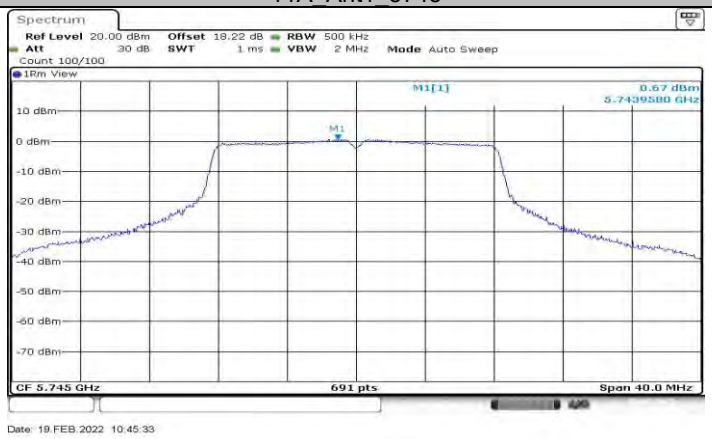



11A_Ant2_5720_UNII-3

11A_Ant1_5745




11A_Ant2_5745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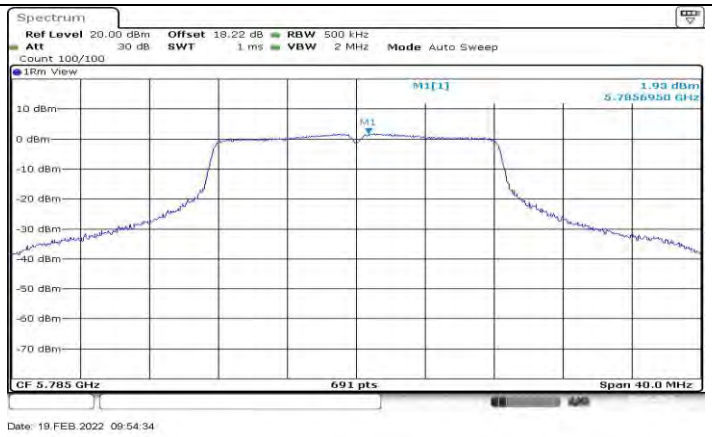
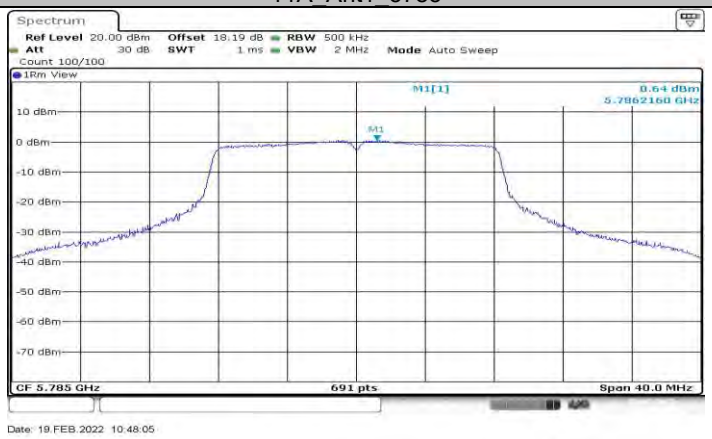



11A_Ant1_5785




11A_Ant2_5785

11A_Ant1_5825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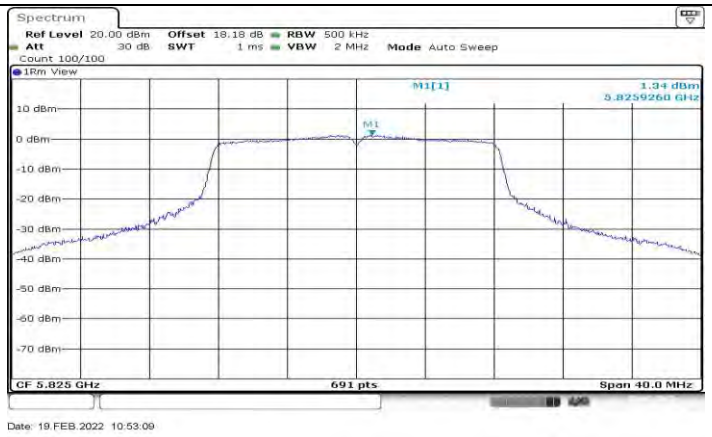
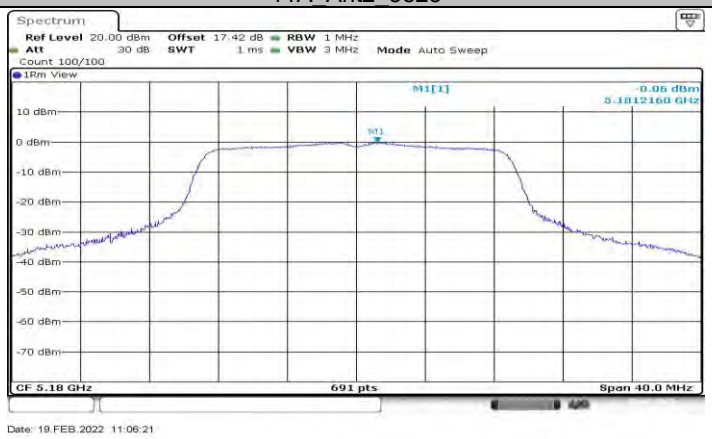
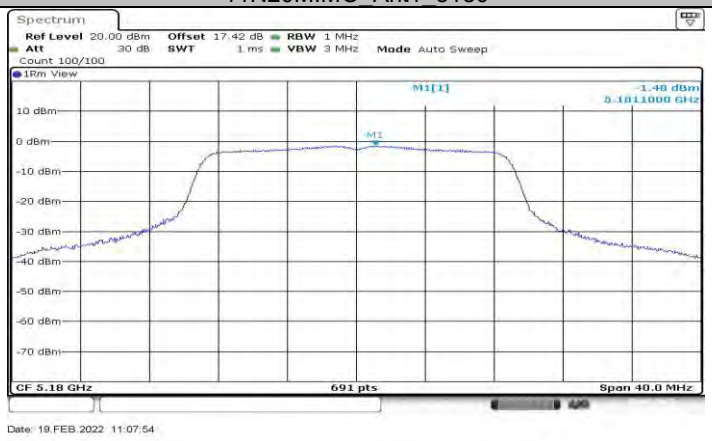



11A_Ant2_5825




11N20MIMO_Ant1_5180




11N20MIMO_Ant2_5180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11N20MIMO_Ant1_5200

11N20MIMO_Ant2_5200

11N20MIMO_Ant1_5240


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11N20MIMO_Ant2_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant2_5260


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