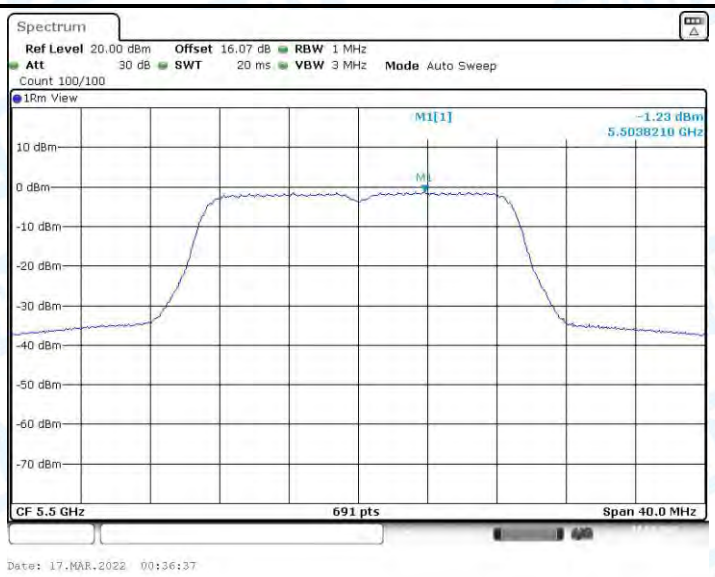
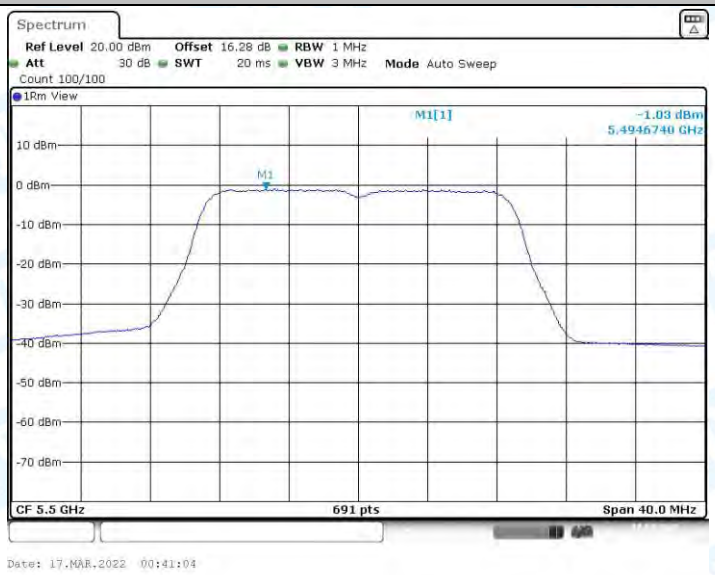
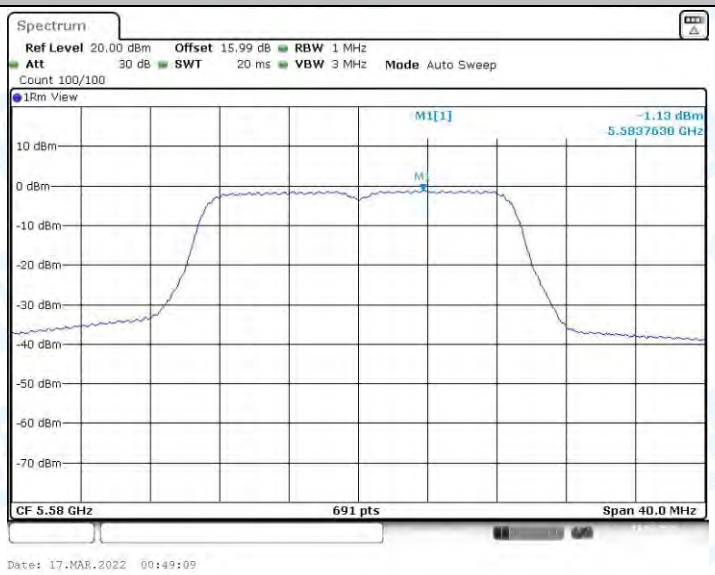


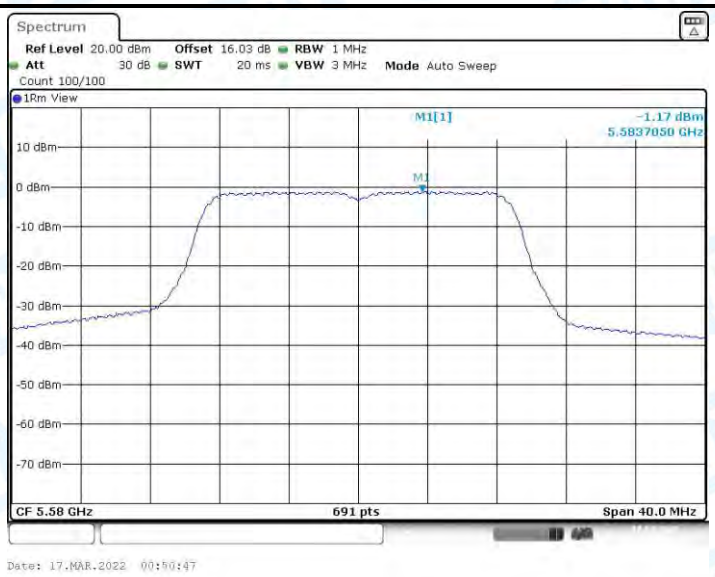

11N20MIMO_Ant1_5500



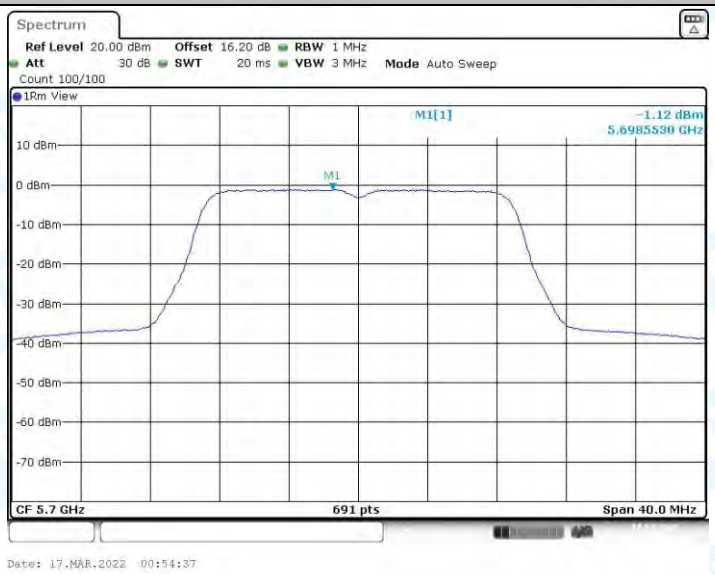

11N20MIMO_Ant2_5500



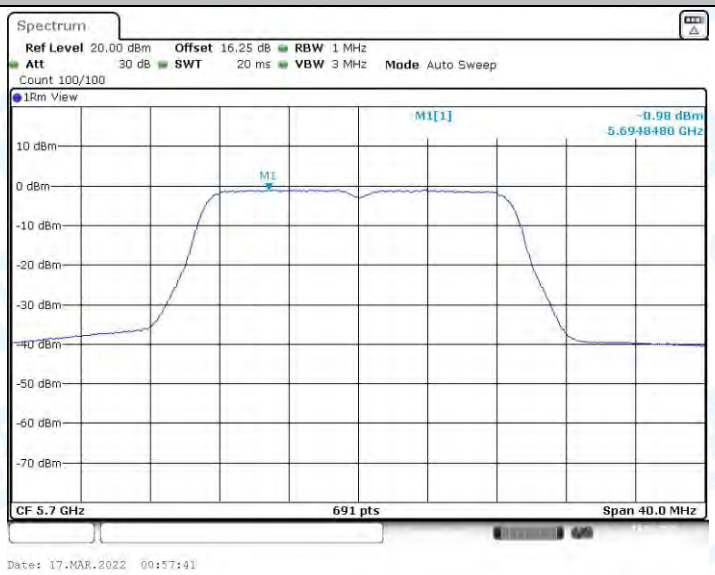

11N20MIMO_Ant1_5580




11N20MIMO_Ant2_5580




11N20MIMO_Ant1_5700




11N20MIMO_Ant2_5700

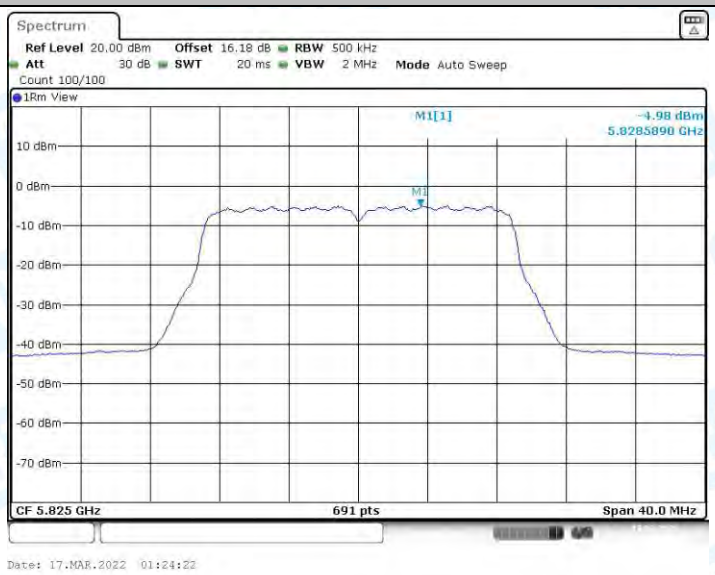
11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745

11N20MIMO_Ant1_5785

11N20MIMO_Ant2_5785

11N20MIMO_Ant1_5825

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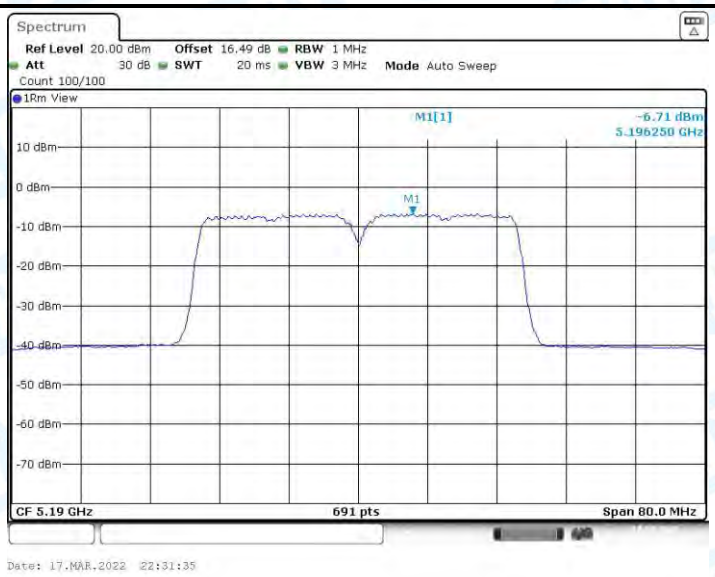
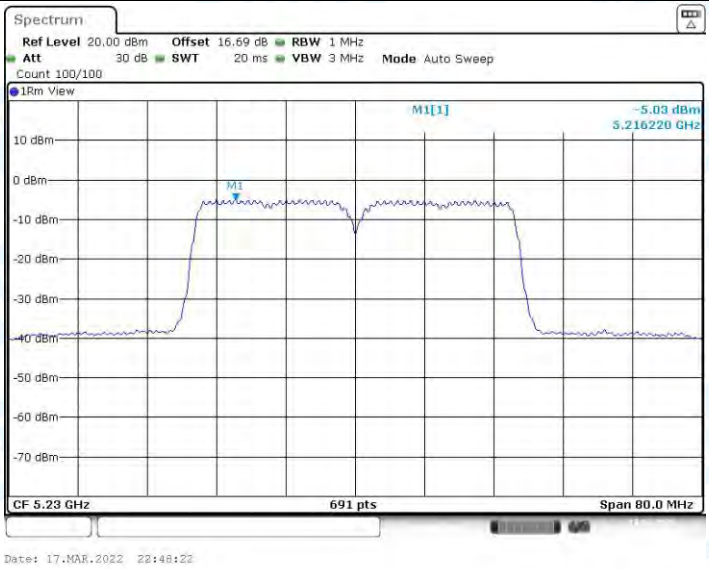
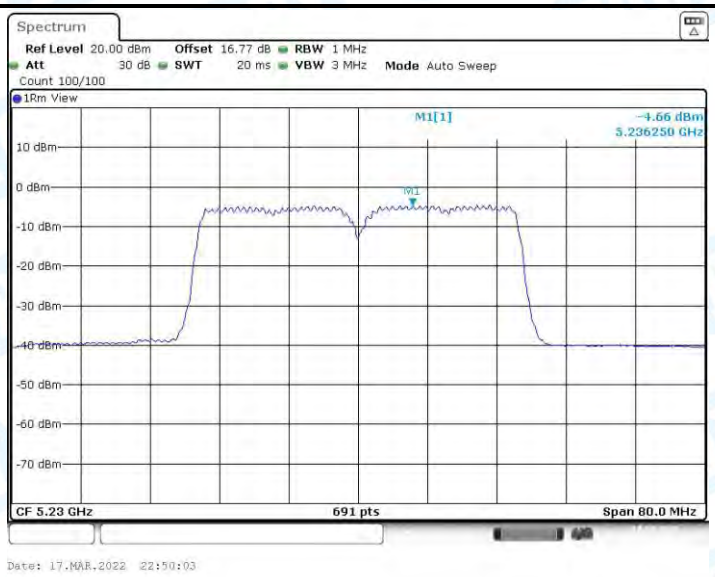



11N40MIMO_Ant1_5190

11N40MIMO_Ant2_5190

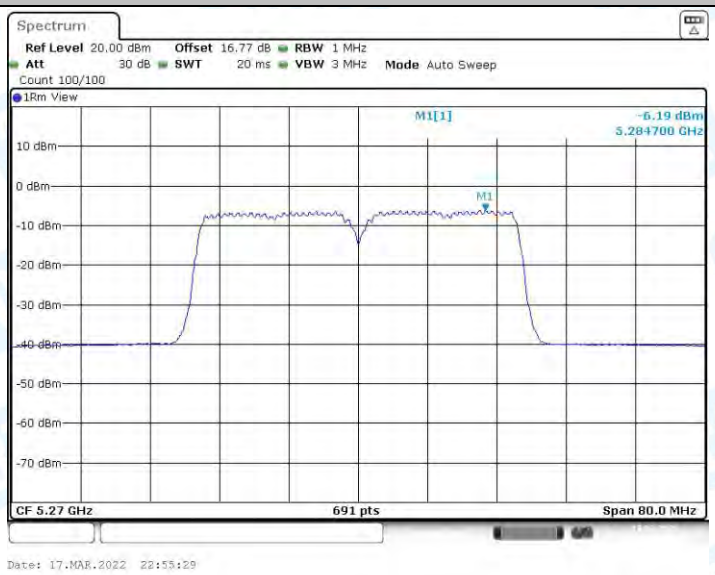



11N40MIMO_Ant1_5230

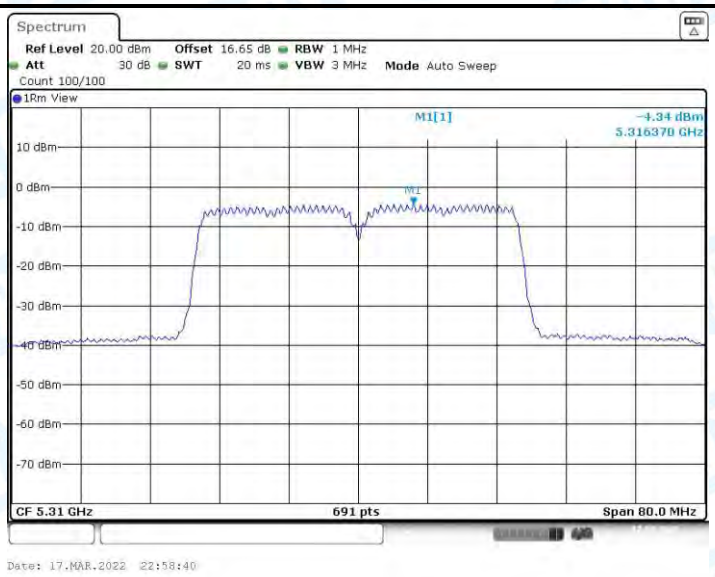



11N40MIMO_Ant2_5230

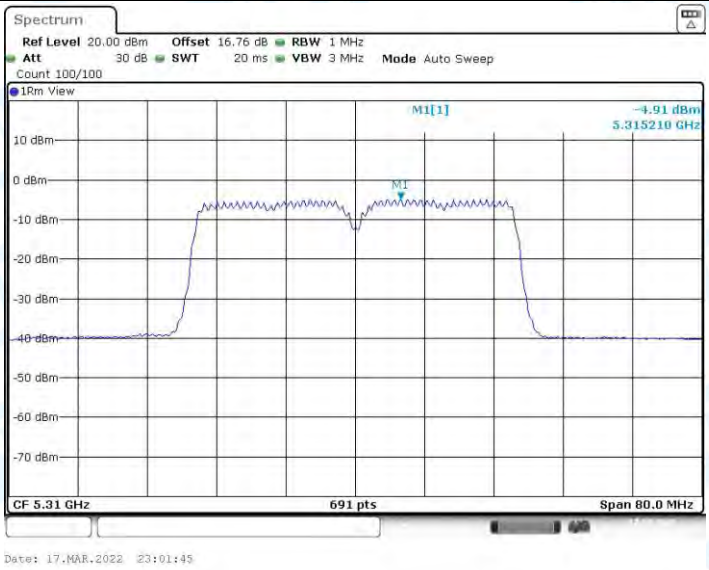
11N40MIMO_Ant1_5270




11N40MIMO_Ant2_5270




11N40MIMO_Ant1_5310

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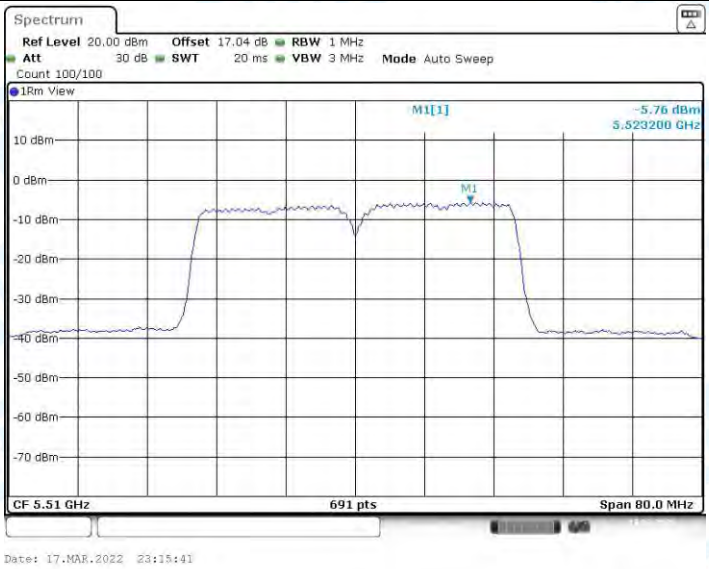
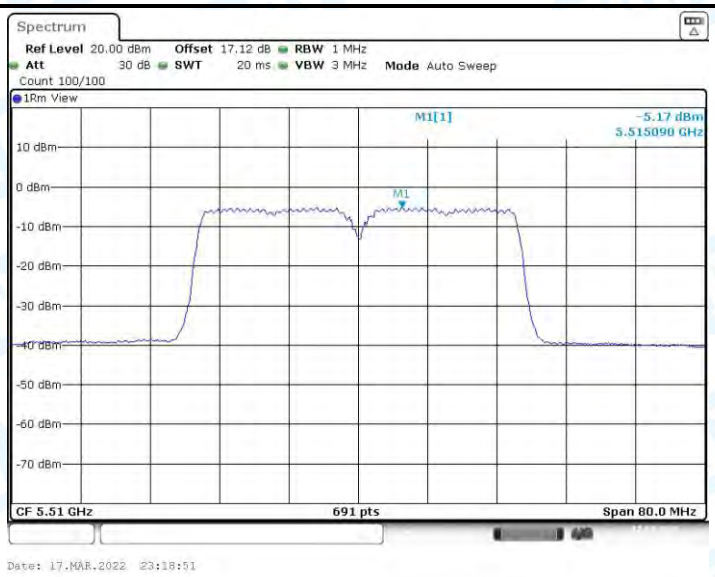
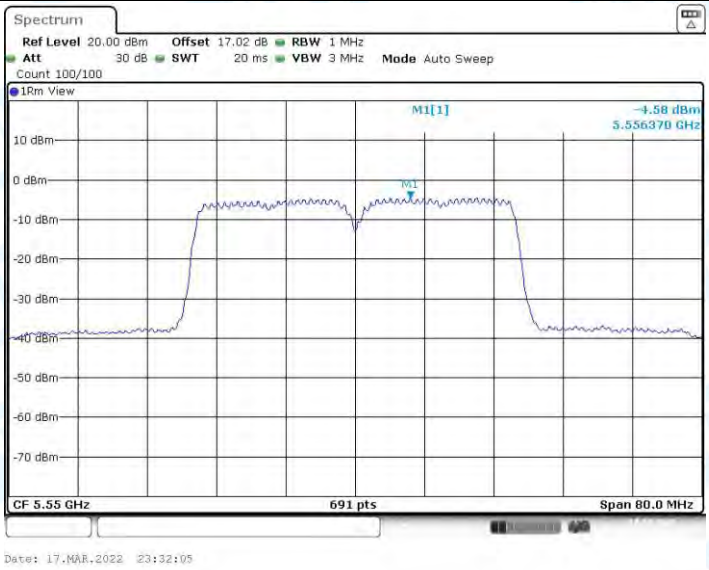


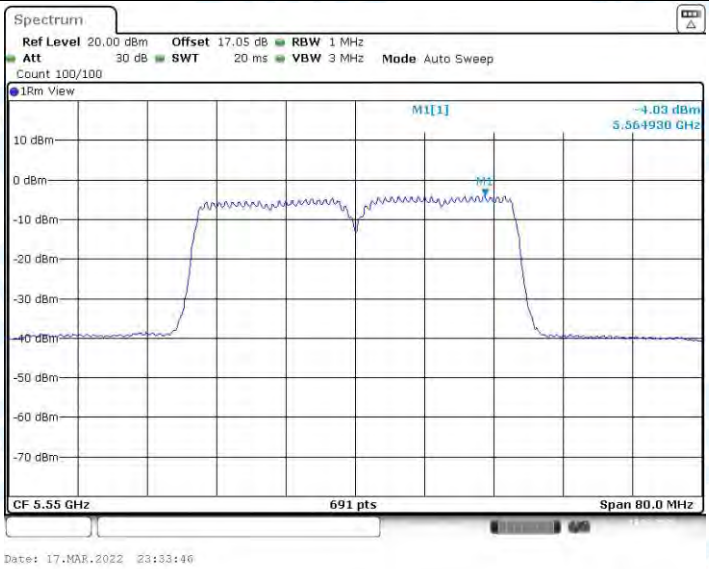

11N40MIMO_Ant1_5510



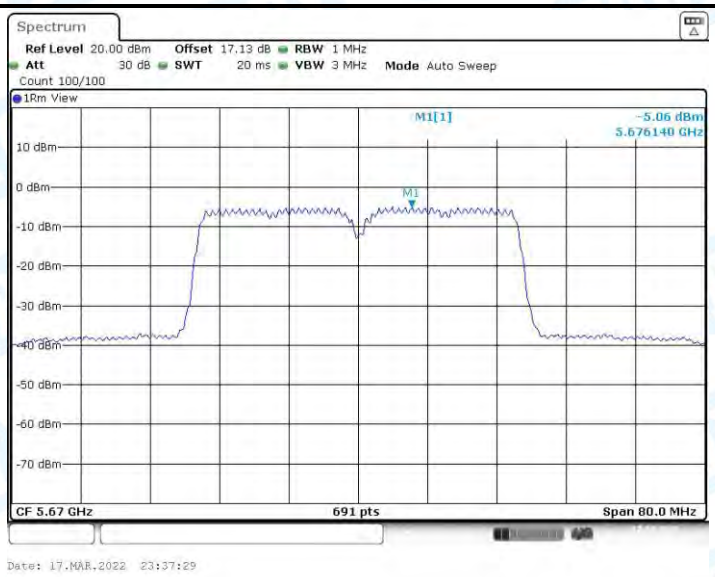

11N40MIMO_Ant2_5510



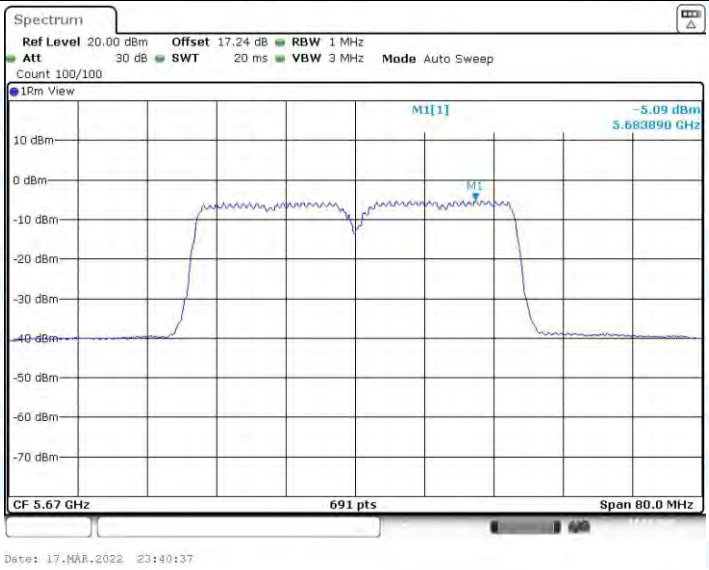

11N40MIMO_Ant1_5550




11N40MIMO_Ant2_5550




11N40MIMO_Ant1_5670

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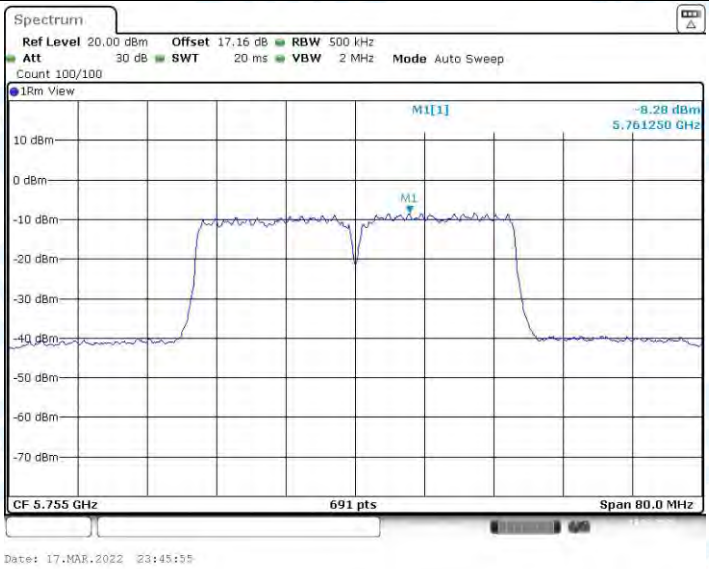
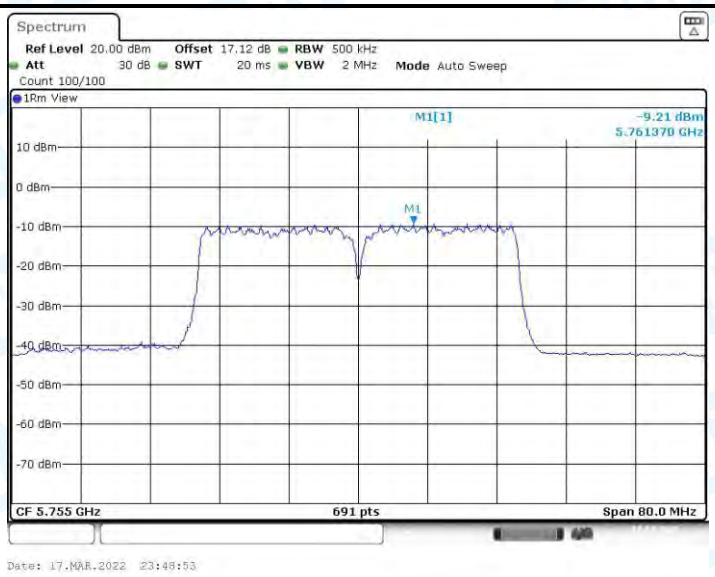
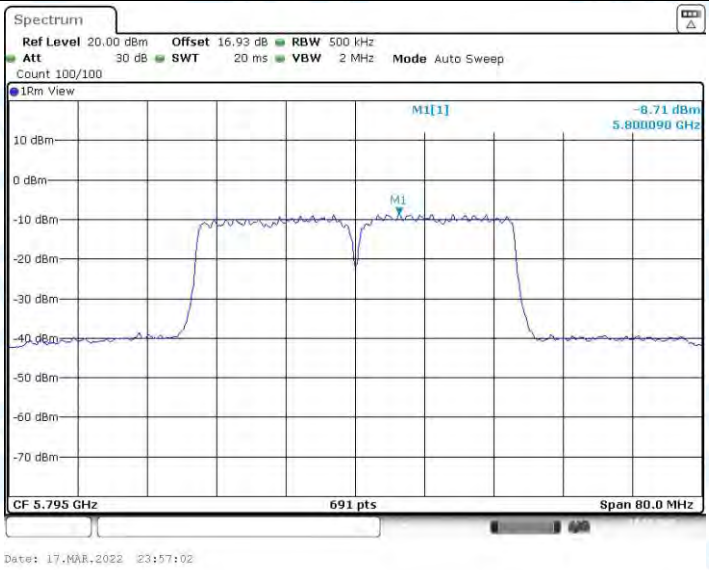


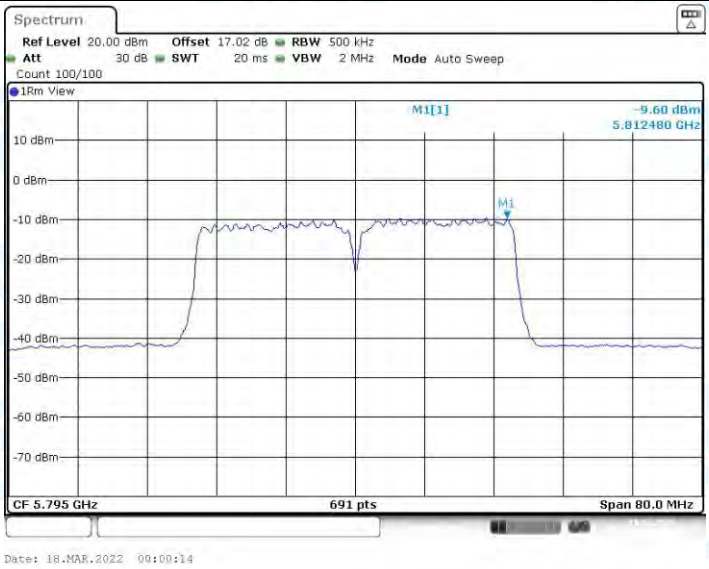

11N40MIMO_Ant1_5755




11N40MIMO_Ant2_5755




11N40MIMO_Ant1_5795

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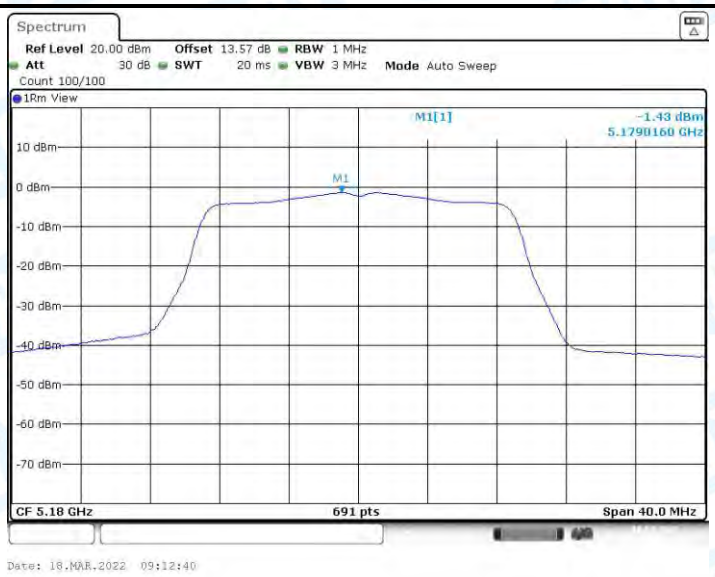
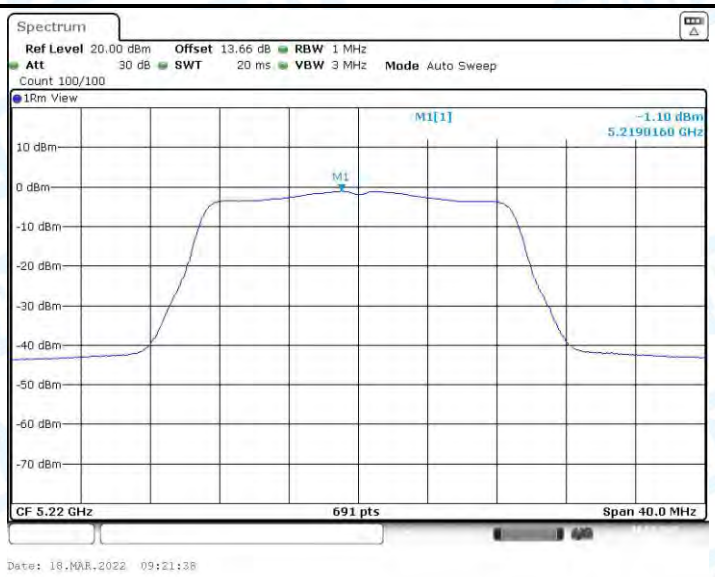



11AC20MIMO_Ant1_5180

11AC20MIMO_Ant2_5180

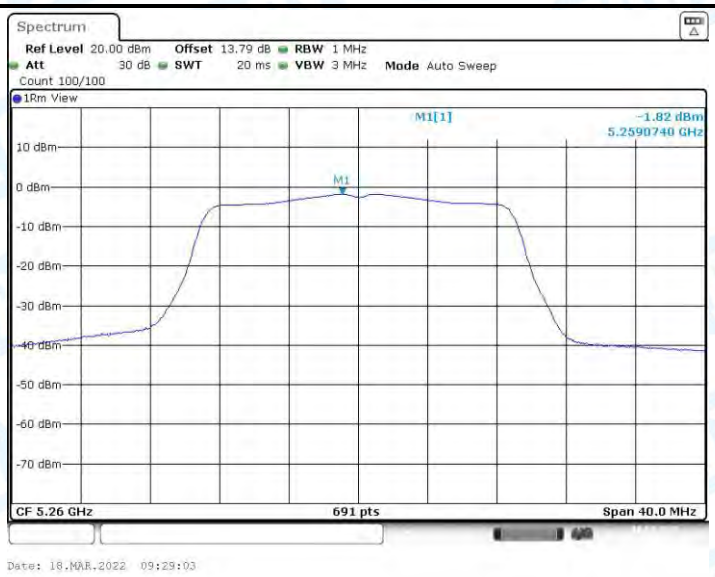
11AC20MIMO_Ant1_5220




11AC20MIMO_Ant2_5220

11AC20MIMO_Ant1_5240

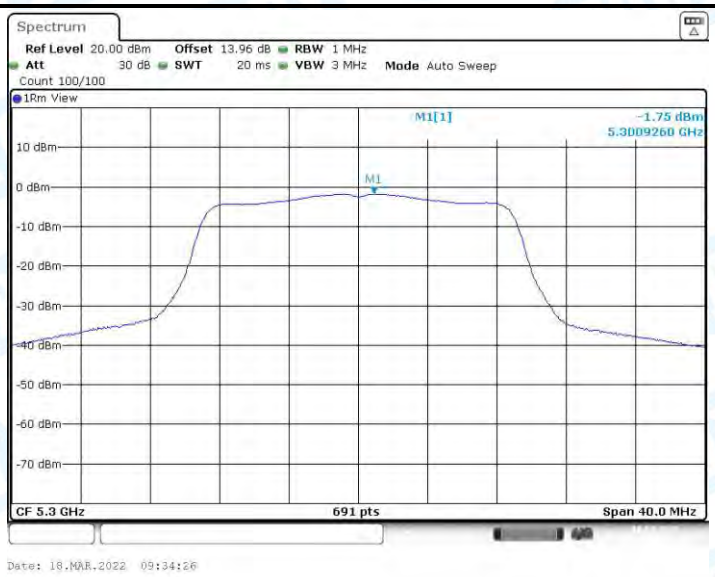
11AC20MIMO_Ant2_5240




11AC20MIMO_Ant1_5260

11AC20MIMO_Ant2_5260

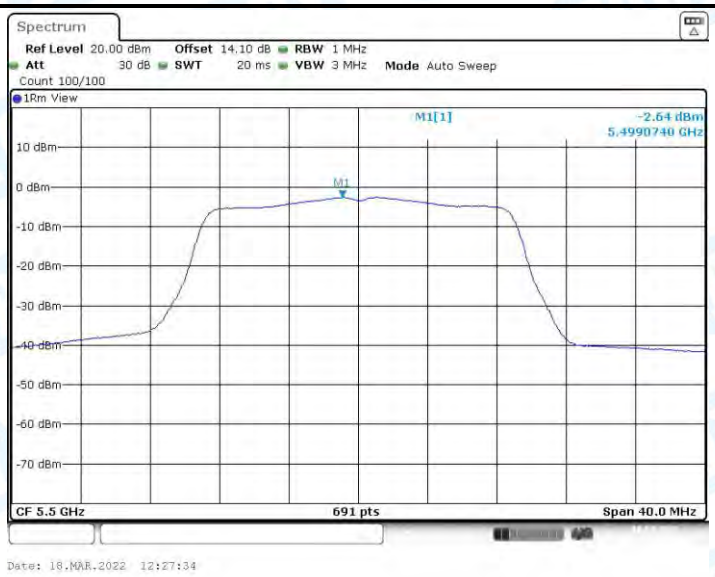
11AC20MIMO_Ant1_5300




11AC20MIMO_Ant2_5300

11AC20MIMO_Ant1_5320

11AC20MIMO_Ant2_5320

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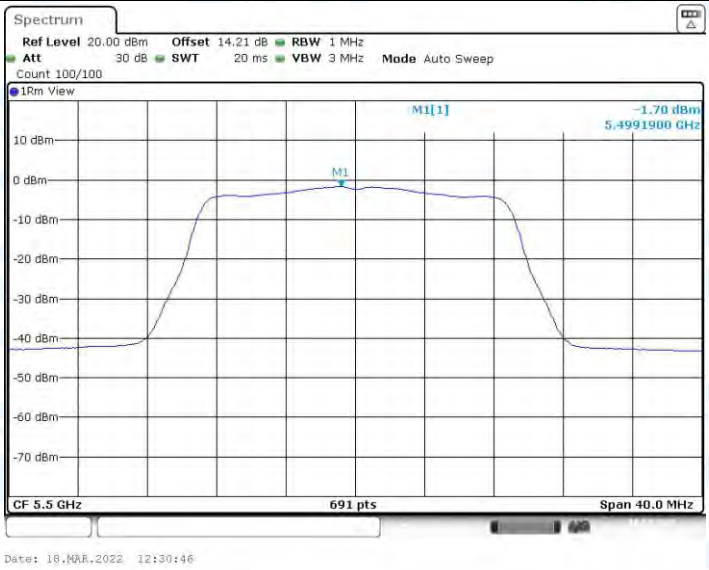
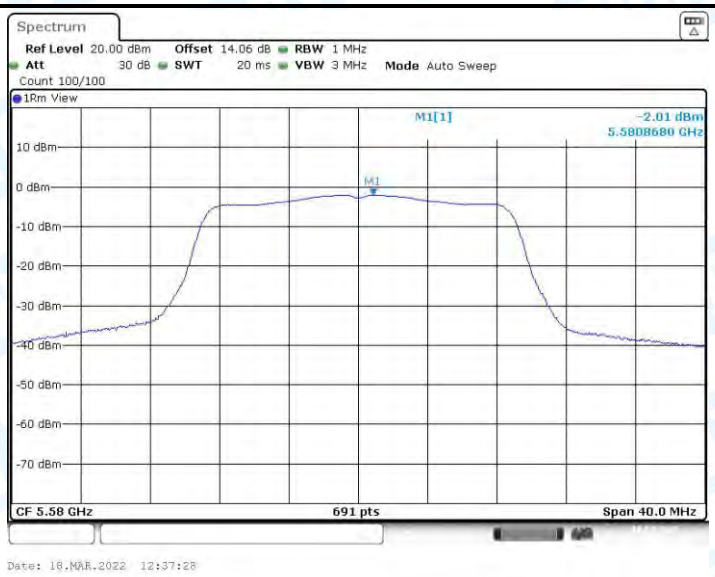



11AC20MIMO_Ant2_5500

11AC20MIMO_Ant1_5580

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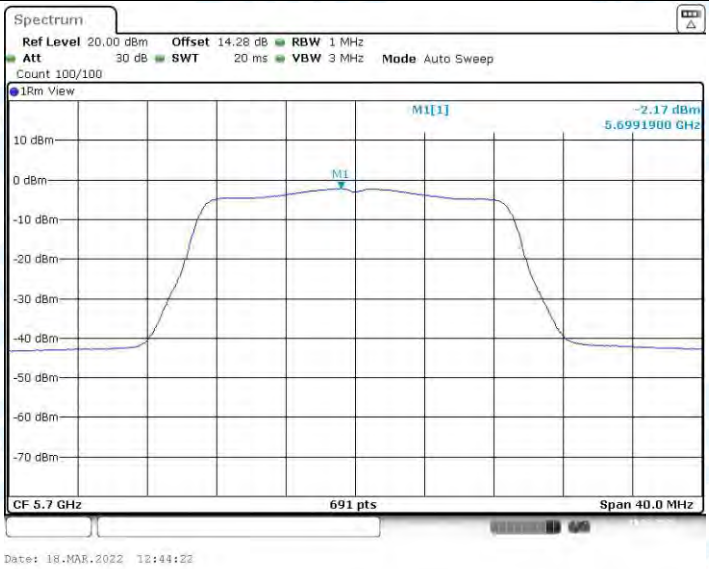
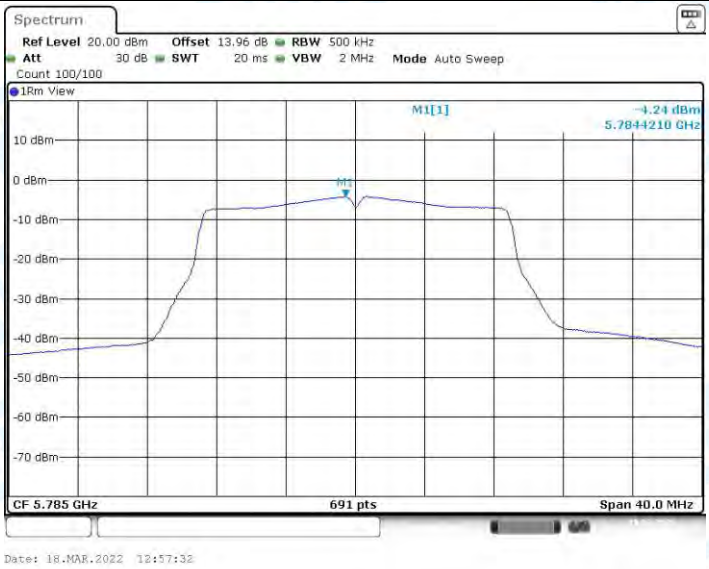



11AC20MIMO_Ant2_5700

11AC20MIMO_Ant1_5745

11AC20MIMO_Ant2_5745

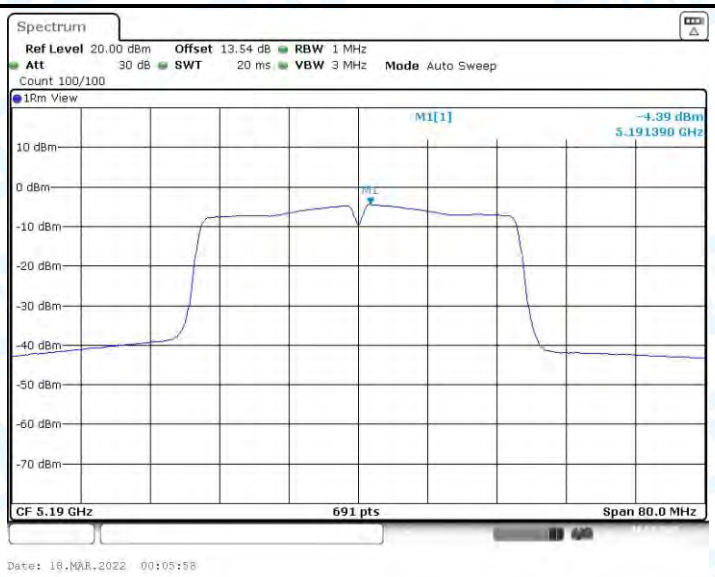



11AC20MIMO_Ant1_5785

11AC20MIMO_Ant2_5785

11AC20MIMO_Ant1_5825

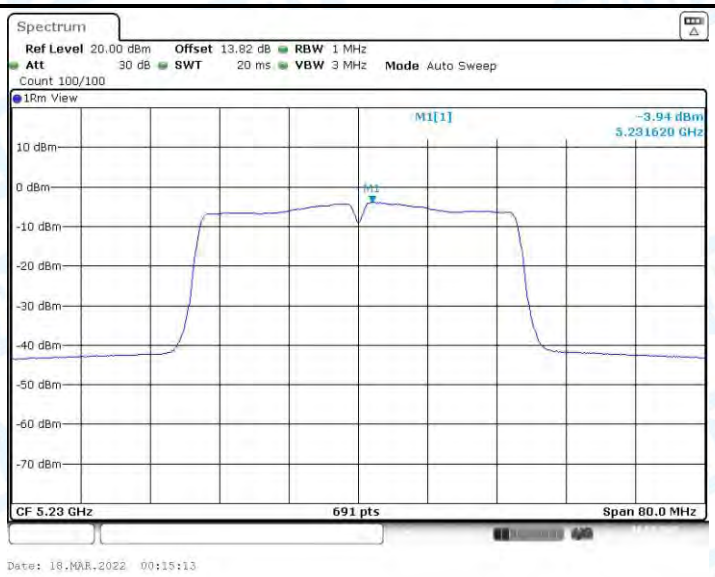
11AC20MIMO_Ant2_5825




11AC40MIMO_Ant1_5190

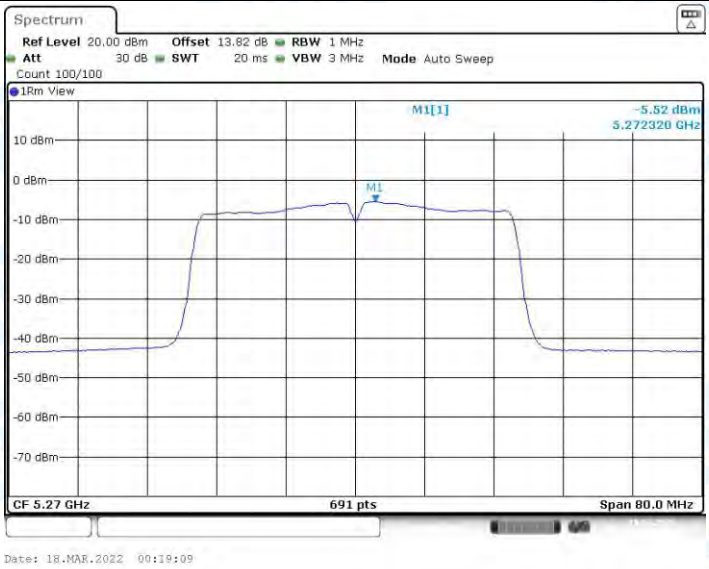
11AC40MIMO_Ant2_5190

11AC40MIMO_Ant1_5230




11AC40MIMO_Ant2_5230

11AC40MIMO_Ant1_5270

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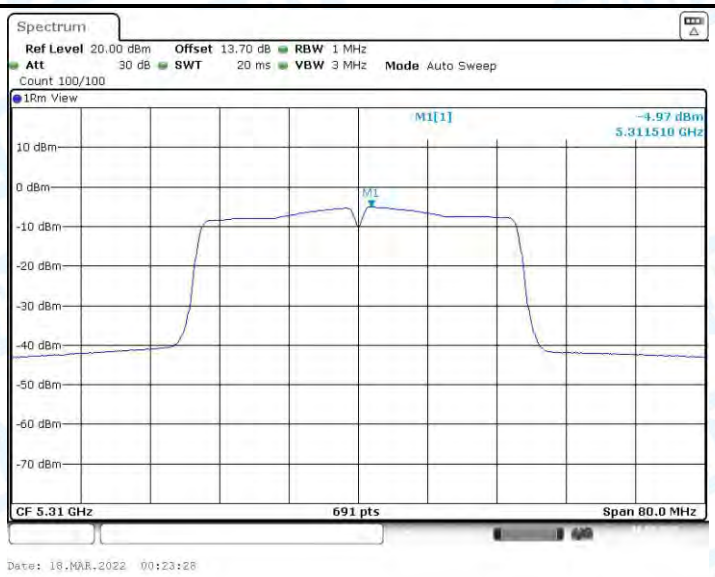
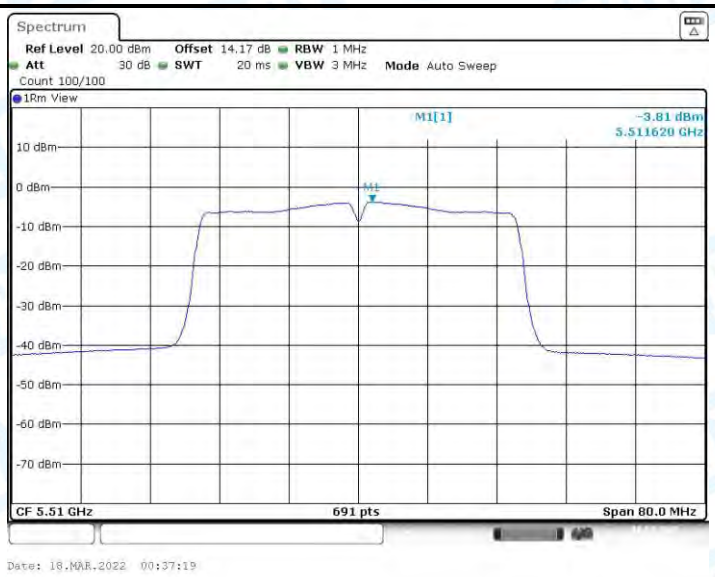



11AC40MIMO_Ant1_5310

11AC40MIMO_Ant2_5310

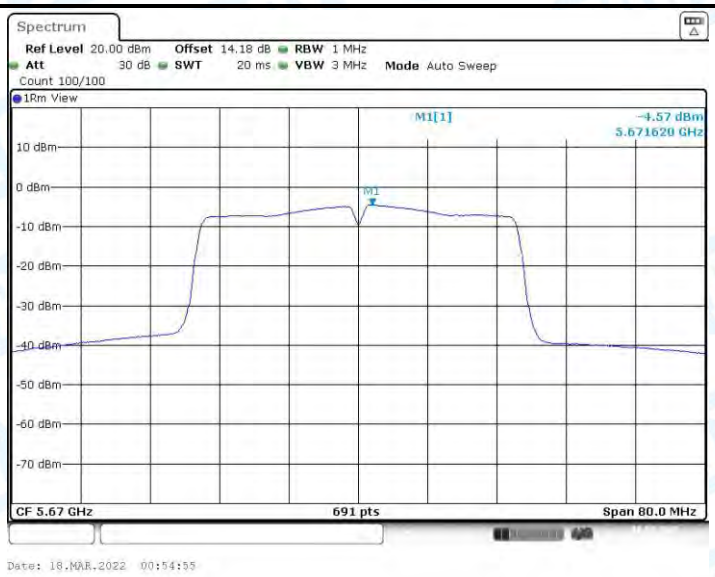
11AC40MIMO_Ant1_5510




11AC40MIMO_Ant2_5510

11AC40MIMO_Ant1_5550

11AC40MIMO_Ant2_5550

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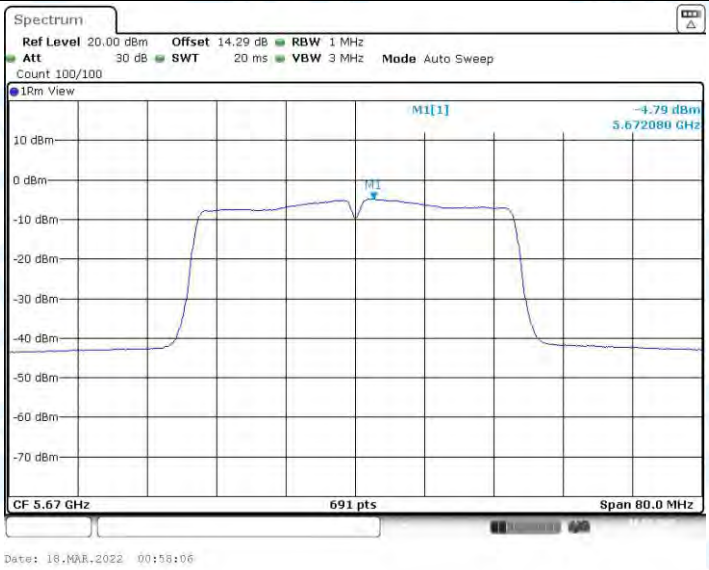


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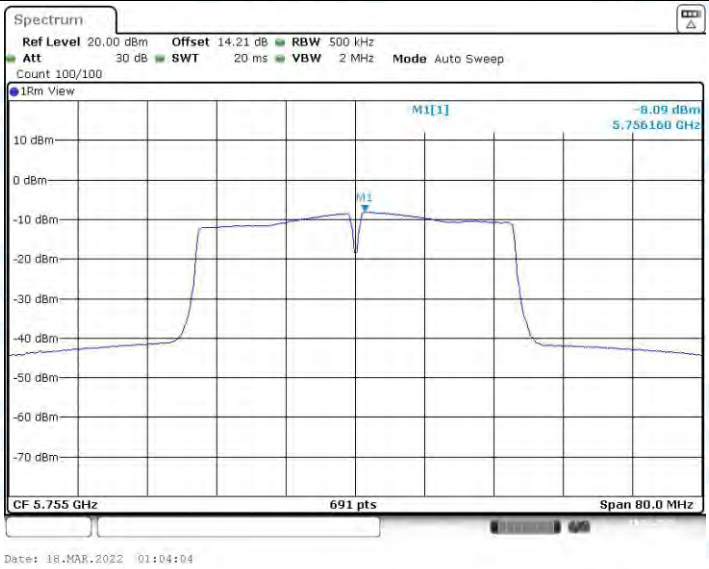
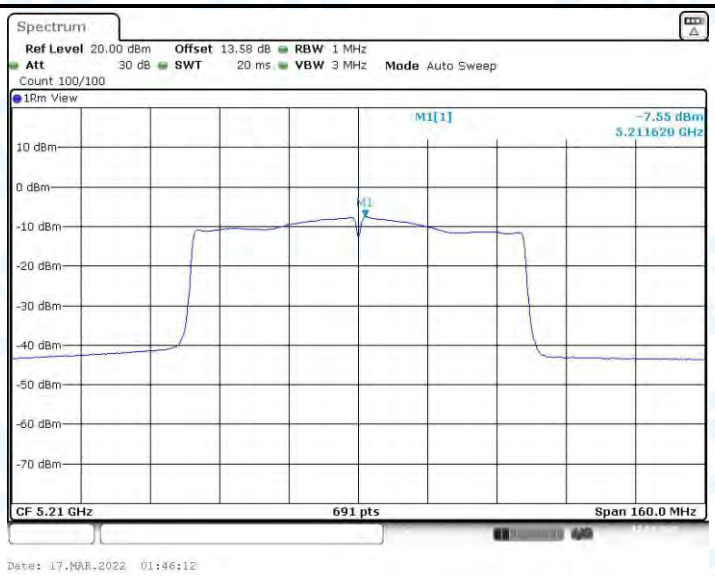



11AC40MIMO_Ant1_5755

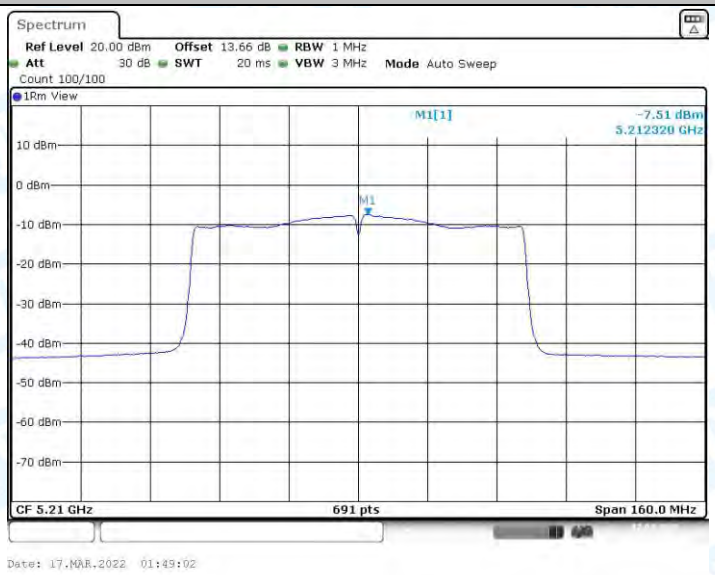
11AC40MIMO_Ant2_5755

11AC40MIMO_Ant1_5795

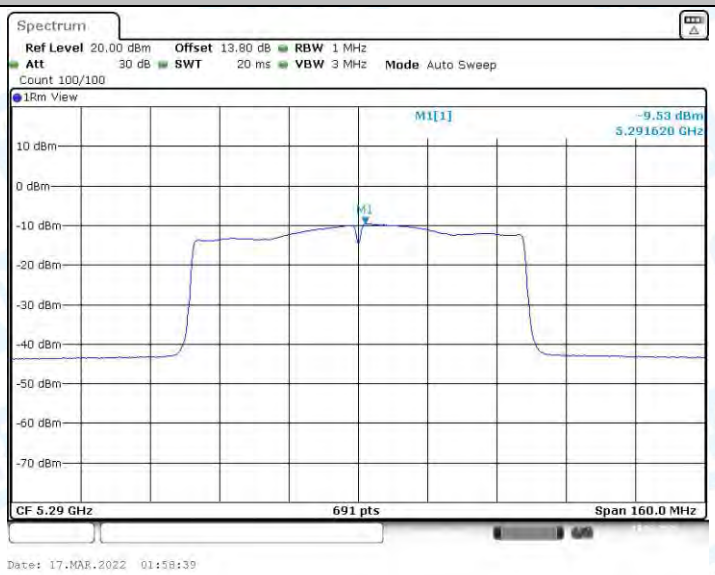
11AC40MIMO_Ant2_5795




11AC80MIMO_Ant1_5210




11AC80MIMO_Ant2_5210

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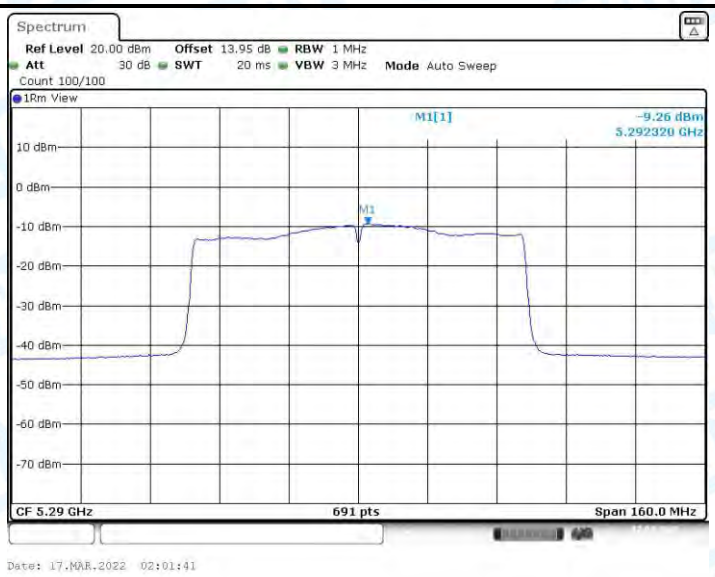
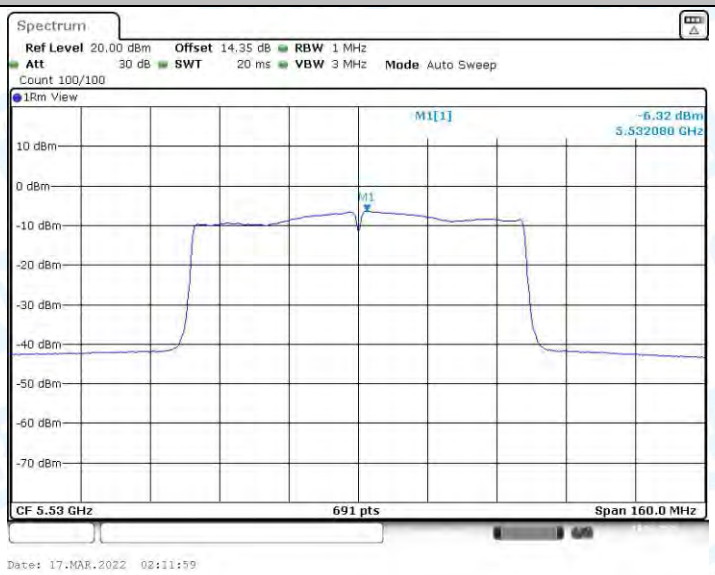
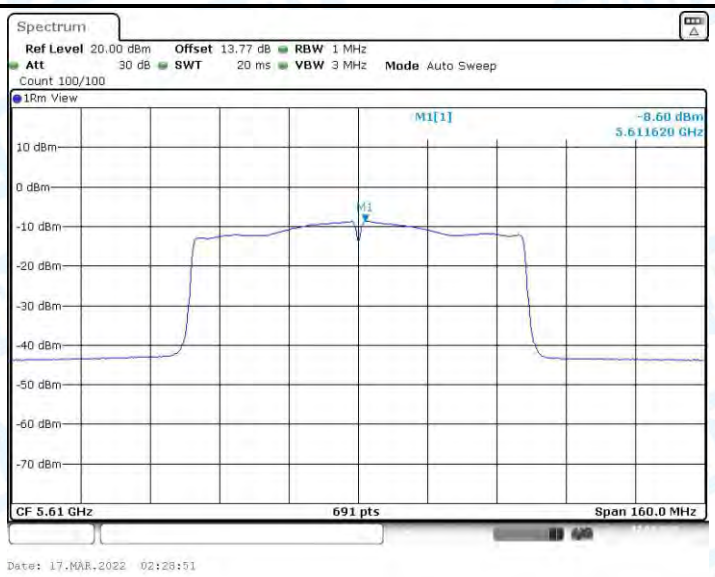



11AC80MIMO_Ant2_5290

11AC80MIMO_Ant1_5530



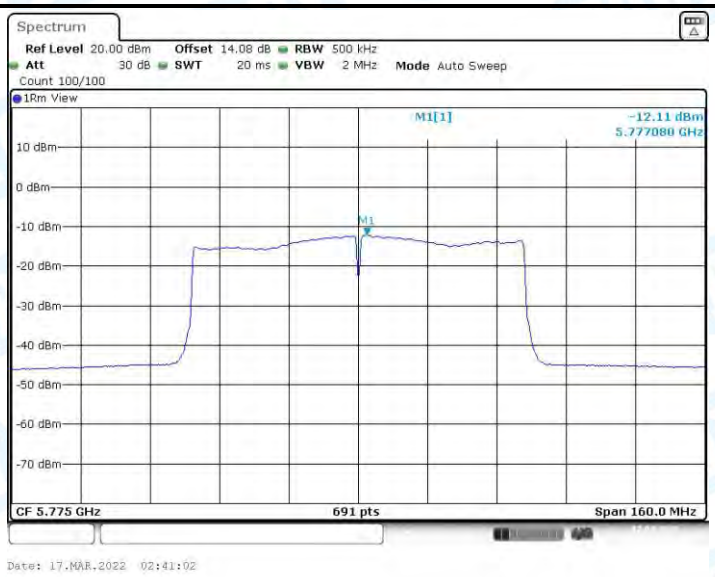

11AC80MIMO_Ant2_5530




11AC80MIMO_Ant1_5610

11AC80MIMO_Ant2_5610

11AC80MIMO_Ant1_5775



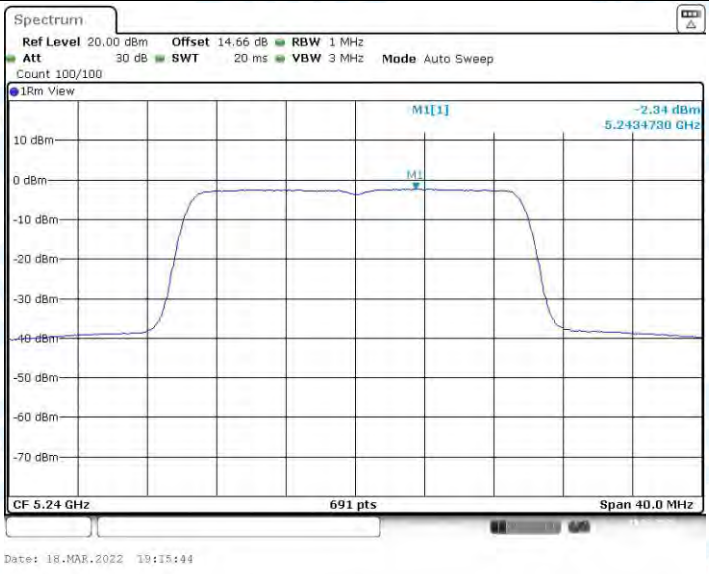

11AC80MIMO_Ant2_5775

11AX20MIMO_Ant1_5180

11AX20MIMO_Ant2_5180

11AX20MIMO_Ant1_5220

11AX20MIMO_Ant2_5220

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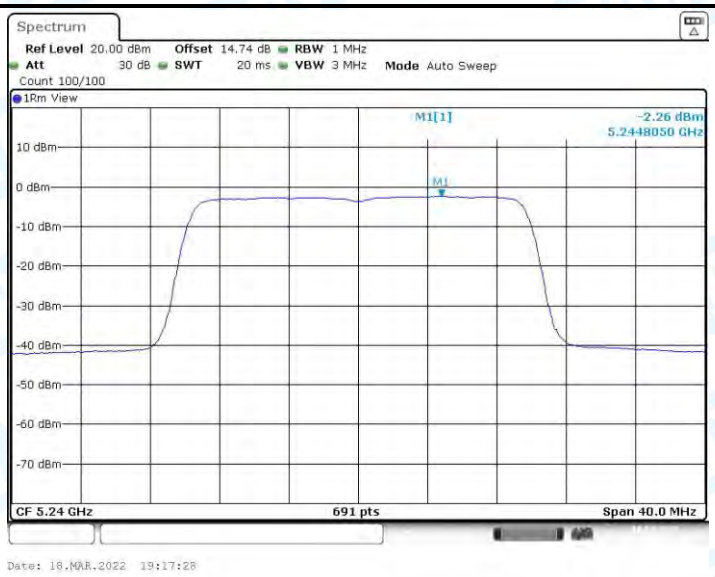
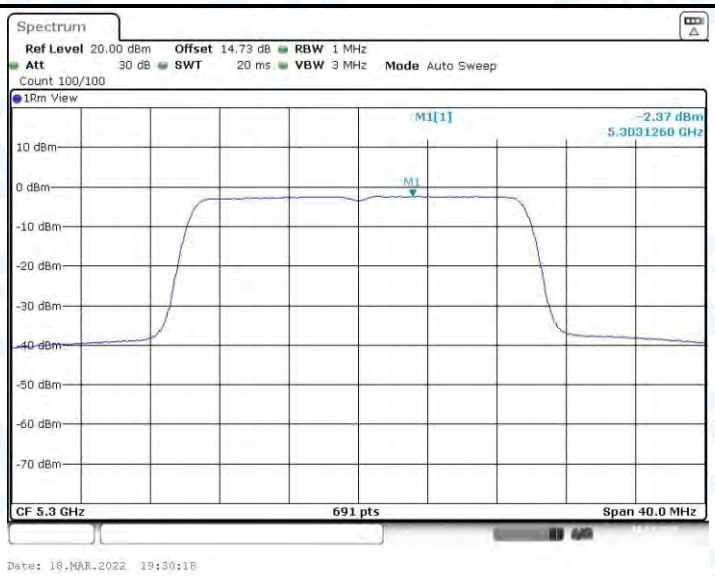


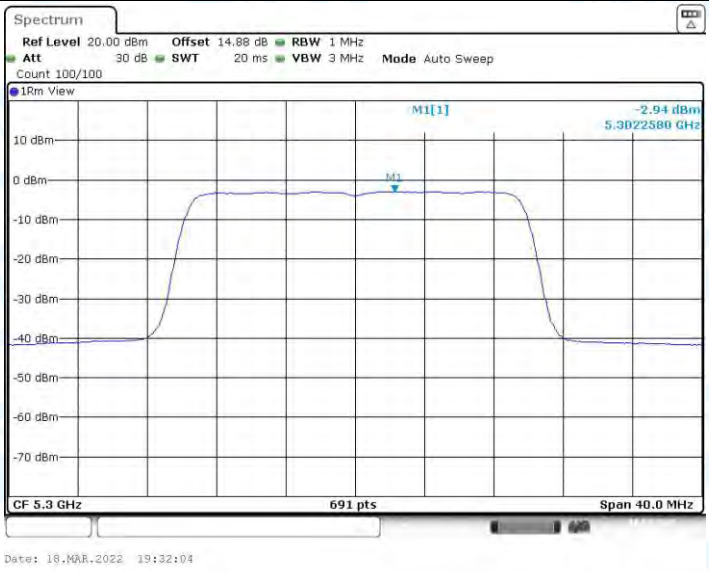

11AX20MIMO_Ant2_5240

11AX20MIMO_Ant1_5260

11AX20MIMO_Ant2_5260

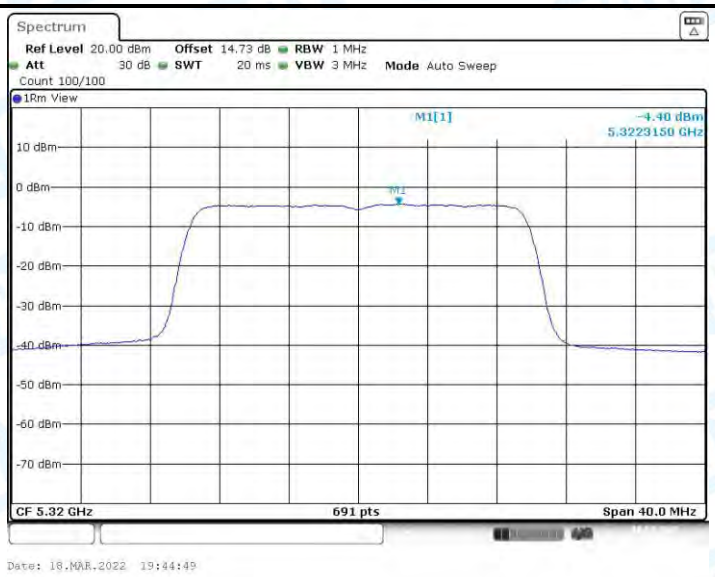



11AX20MIMO_Ant1_5300




11AX20MIMO_Ant2_5300

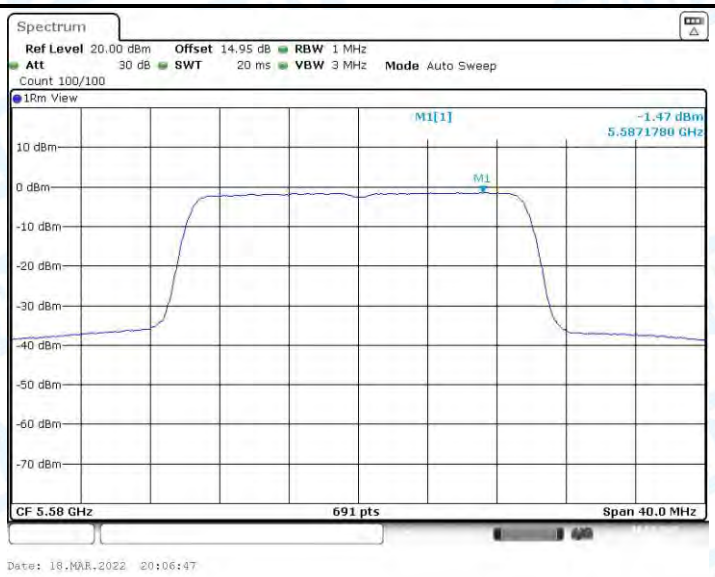
11AX20MIMO_Ant1_5320



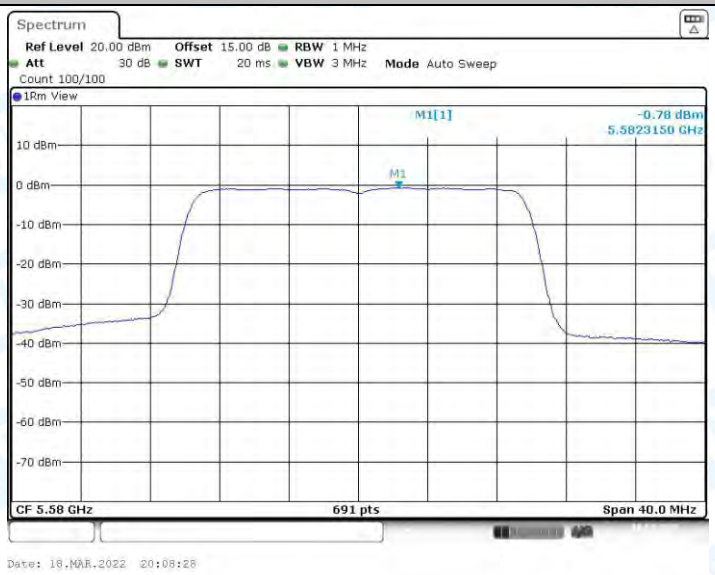

11AX20MIMO_Ant2_5320

11AX20MIMO_Ant1_5500

11AX20MIMO_Ant2_5500

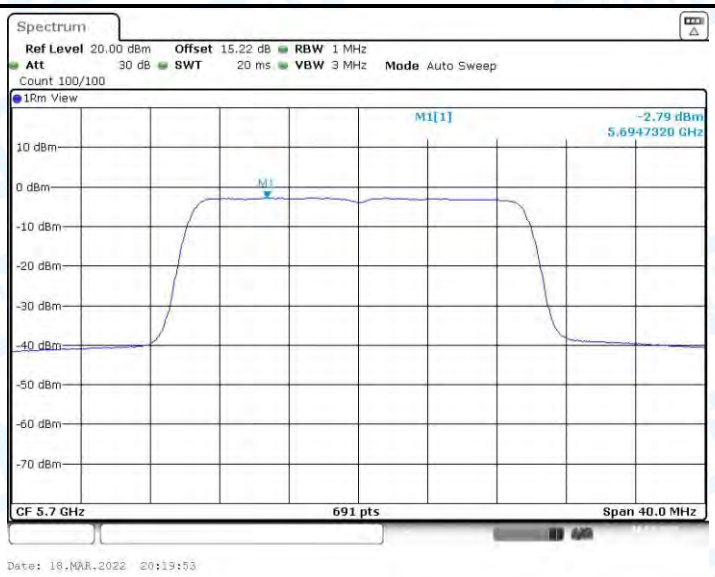



11AX20MIMO_Ant1_5580



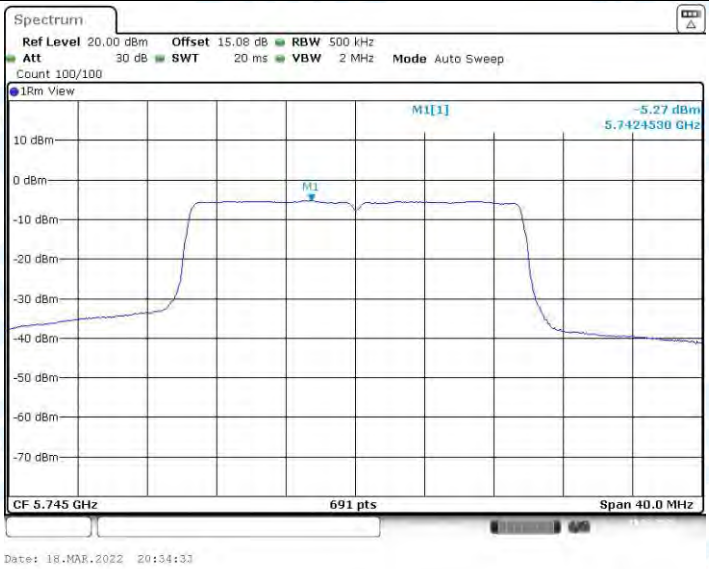

11AX20MIMO_Ant2_5580

11AX20MIMO_Ant1_5700

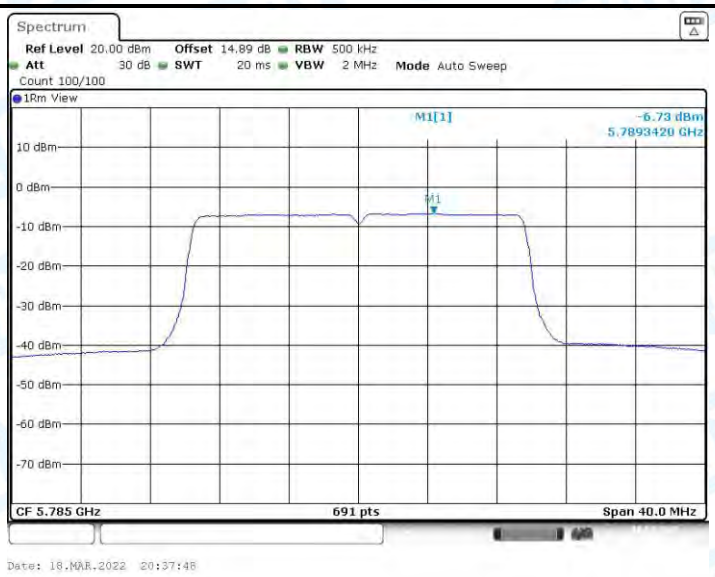



11AX20MIMO_Ant2_5700

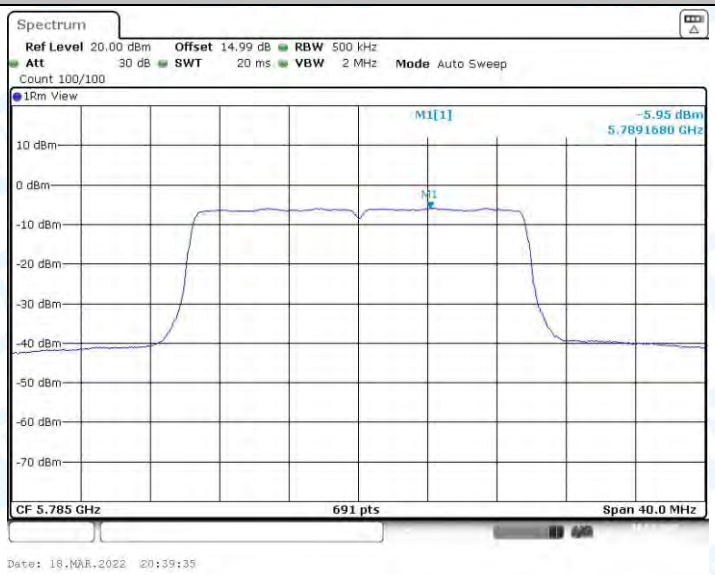
11AX20MIMO_Ant1_5745



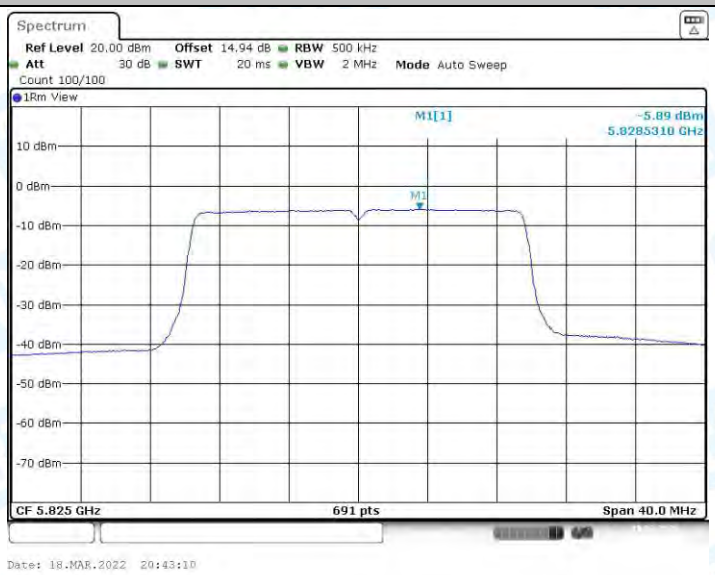

11AX20MIMO_Ant2_5745



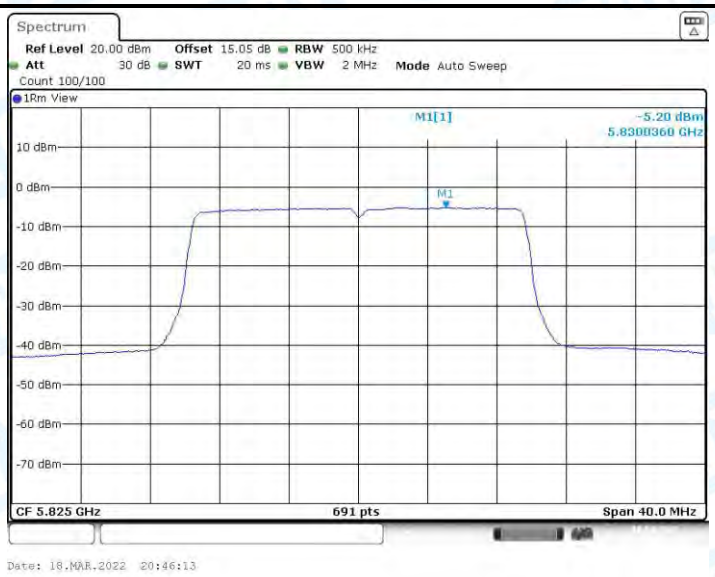

11AX20MIMO_Ant1_5785



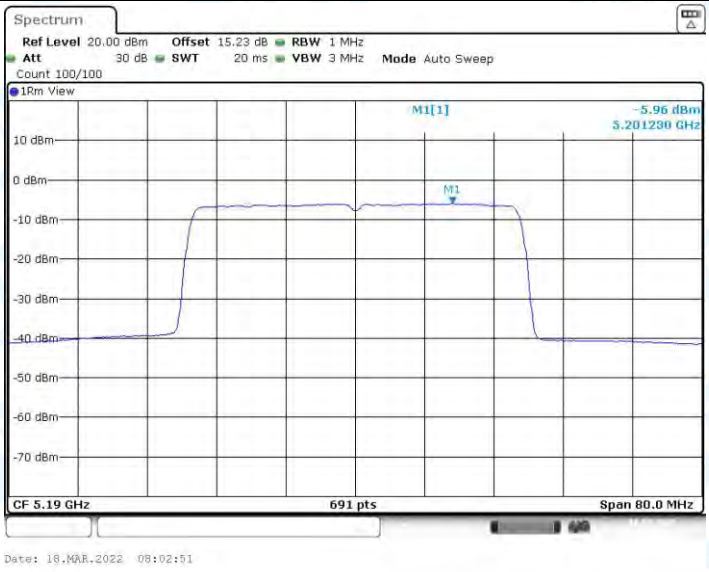

11AX20MIMO_Ant2_5785




11AX20MIMO_Ant1_5825



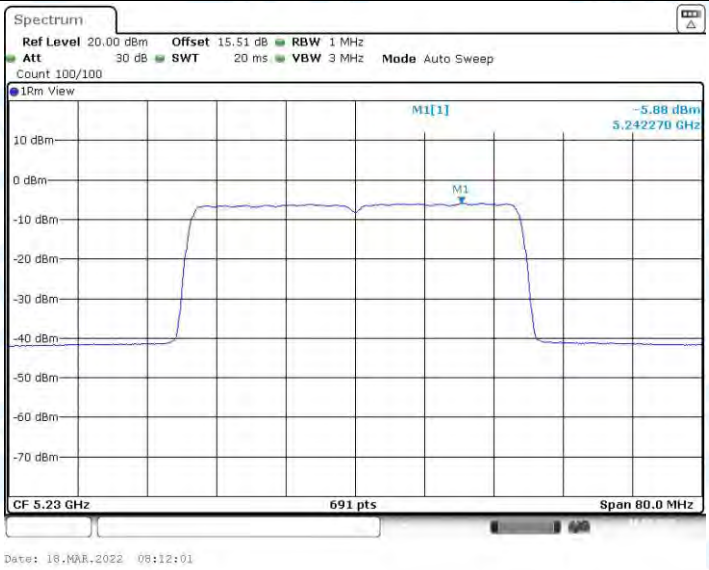

11AX20MIMO_Ant2_5825



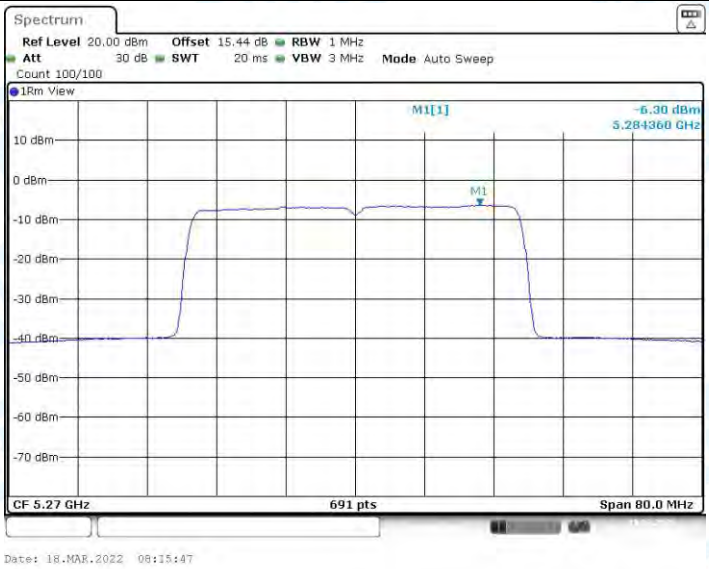

11AX40MIMO_Ant1_5190

11AX40MIMO_Ant2_5190

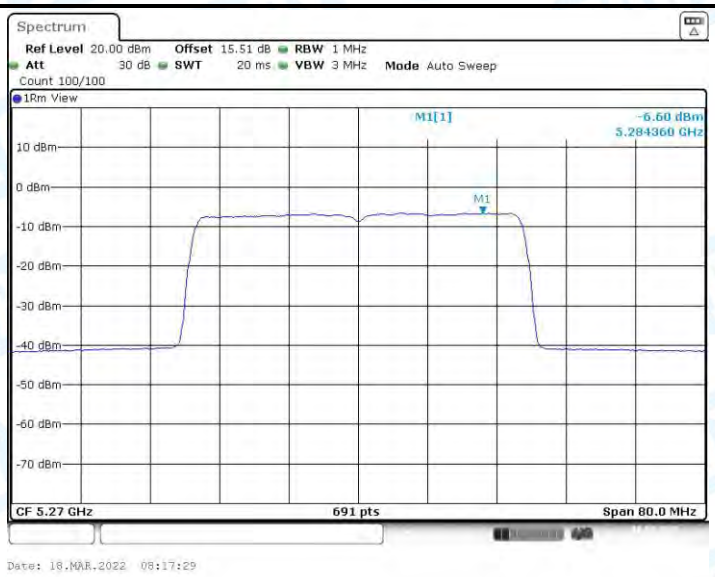
11AX40MIMO_Ant1_5230



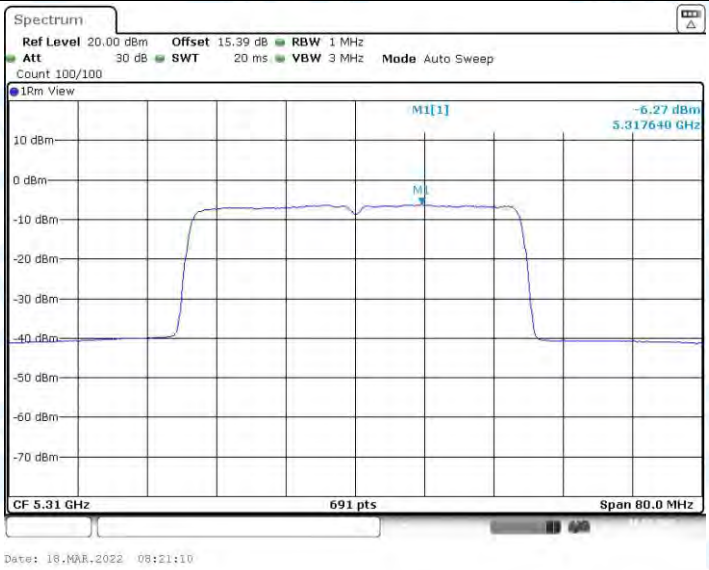

11AX40MIMO_Ant2_5230



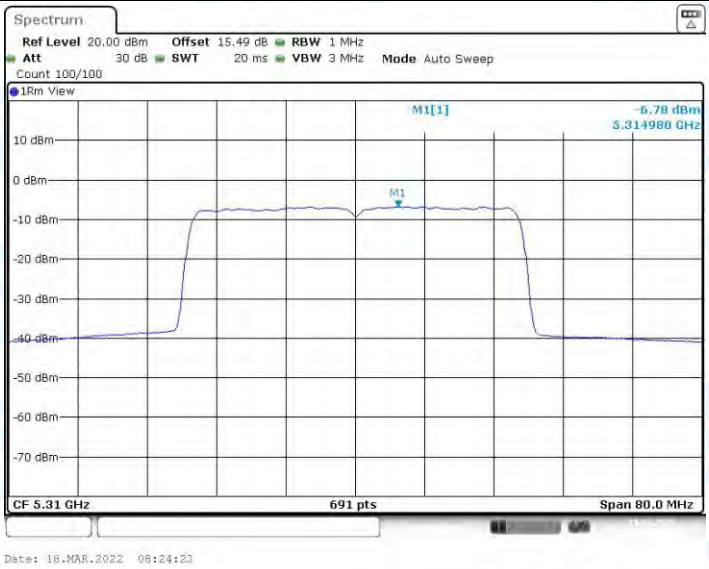

11AX40MIMO_Ant1_5270



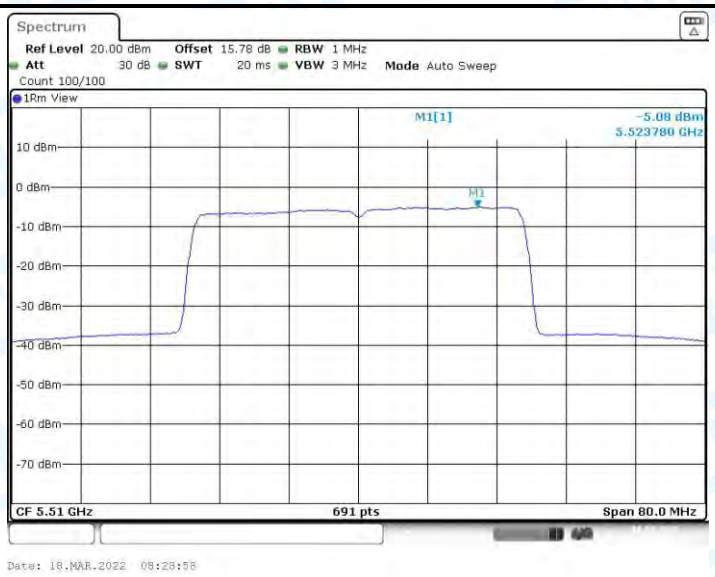

11AX40MIMO_Ant2_5270



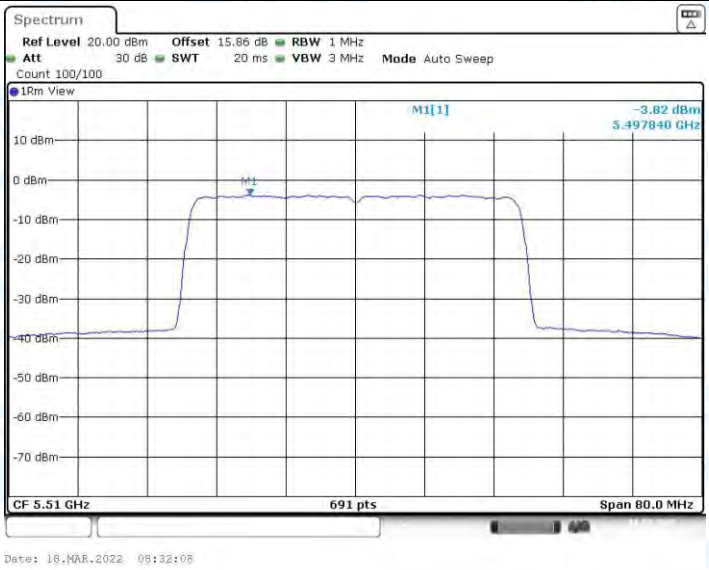

11AX40MIMO_Ant1_5310




11AX40MIMO_Ant2_5310

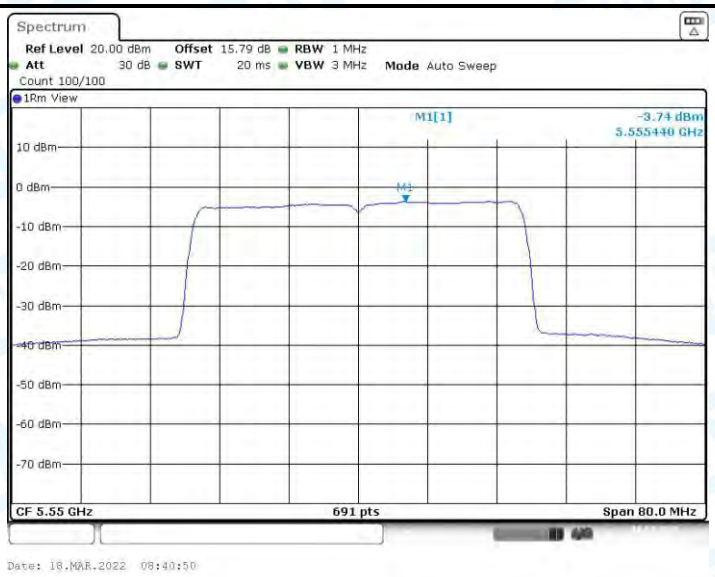



11AX40MIMO_Ant1_5510

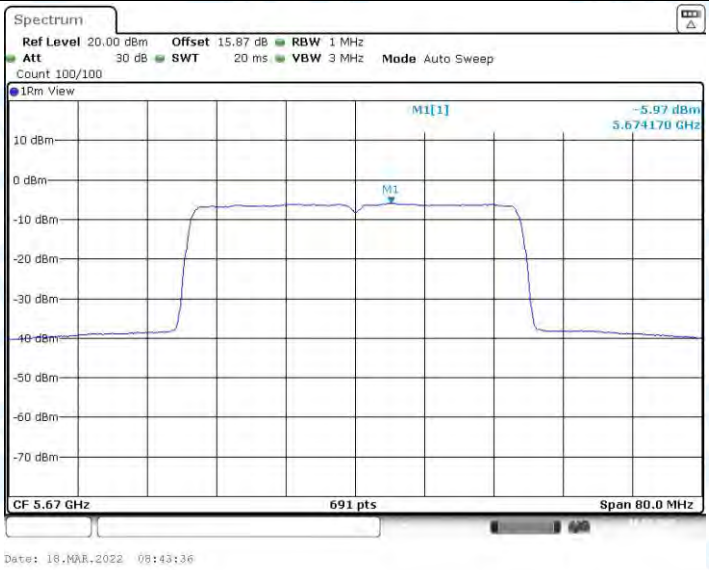



11AX40MIMO_Ant2_5510

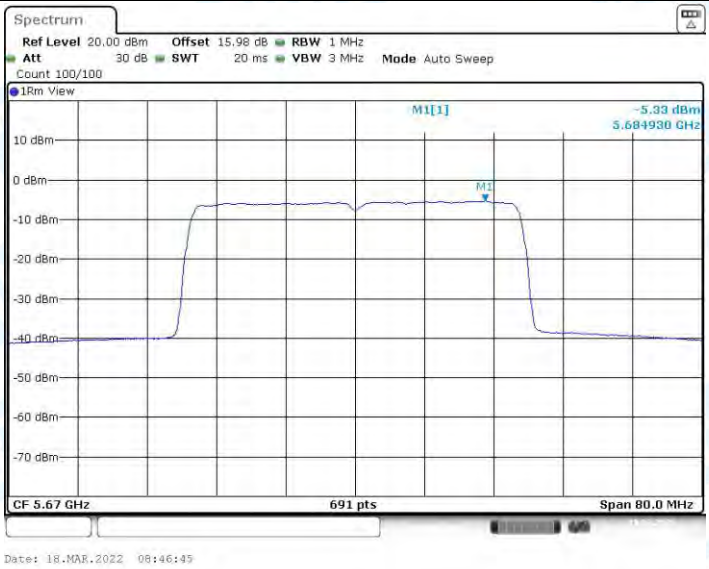
11AX40MIMO_Ant1_5550




11AX40MIMO_Ant2_5550

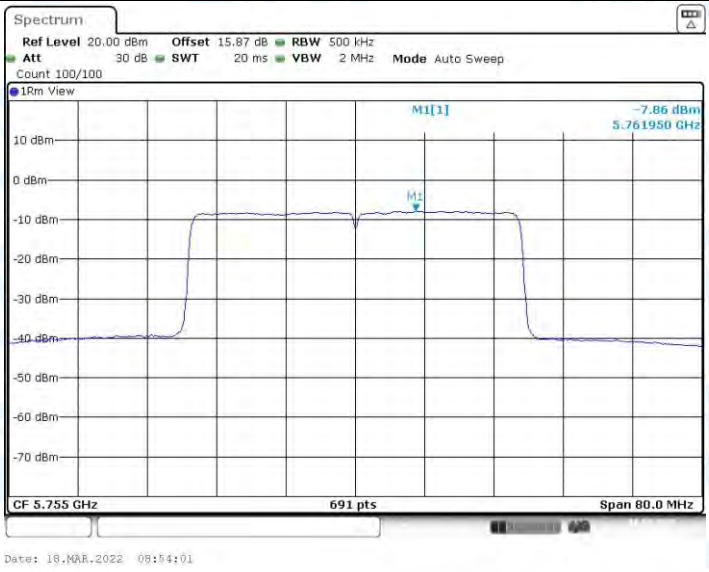



11AX40MIMO_Ant1_5670



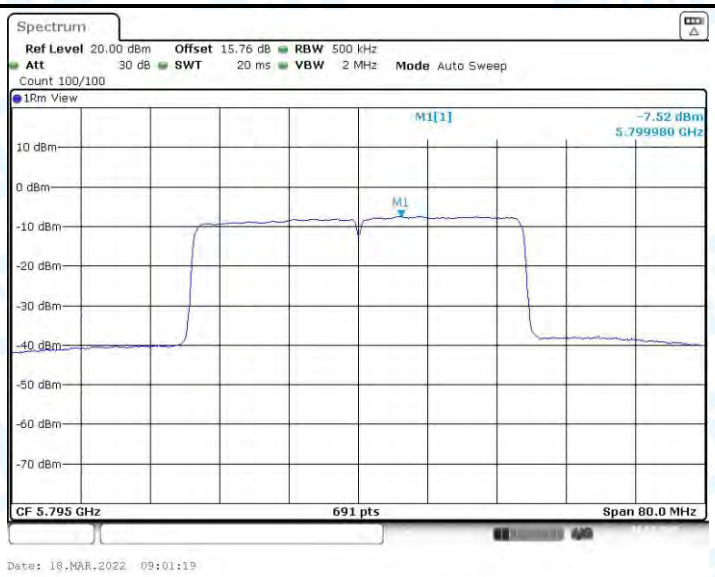

11AX40MIMO_Ant2_5670

11AX40MIMO_Ant1_5755

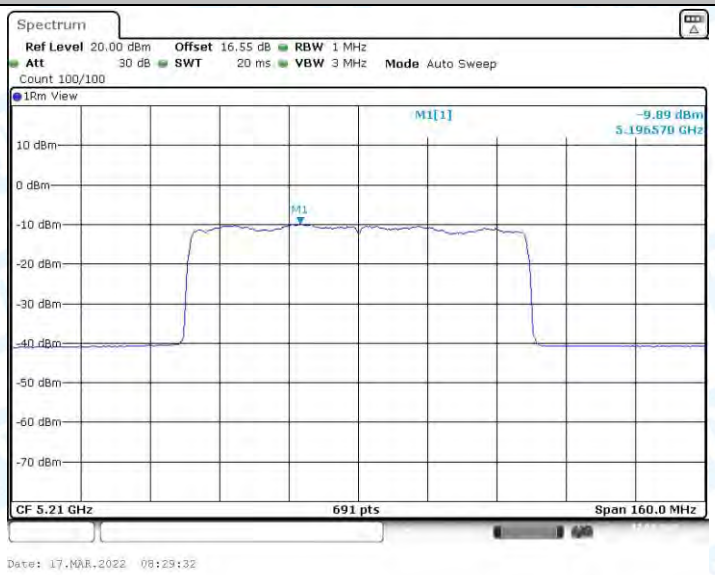



11AX40MIMO_Ant2_5755

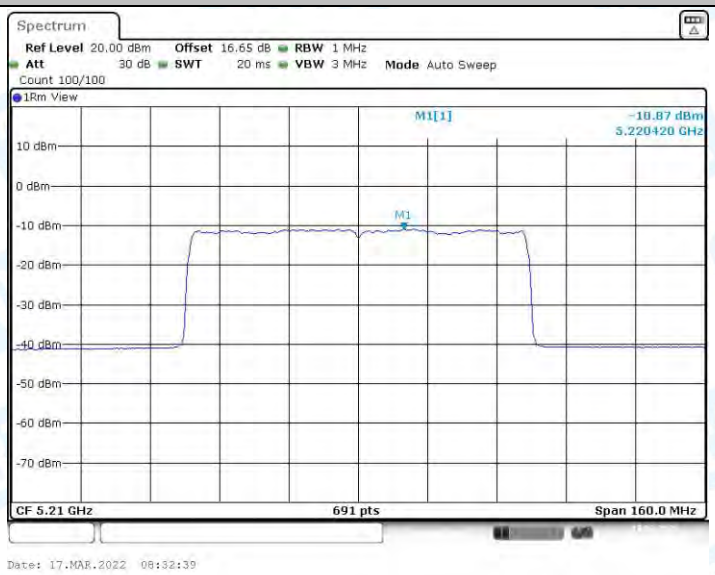
11AX40MIMO_Ant1_5795



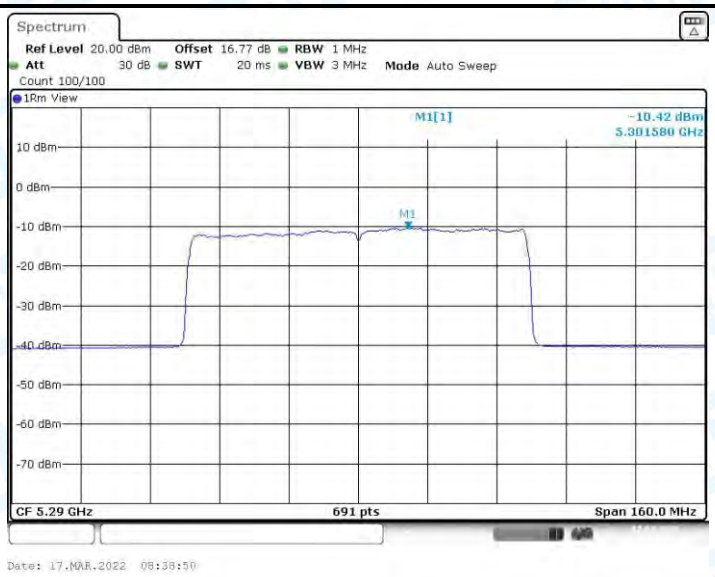

11AX40MIMO_Ant2_5795



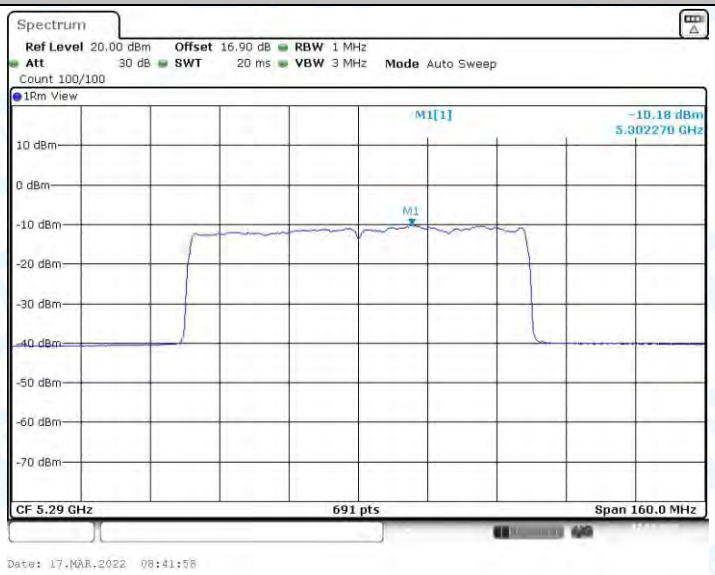

11AX80MIMO_Ant1_5210



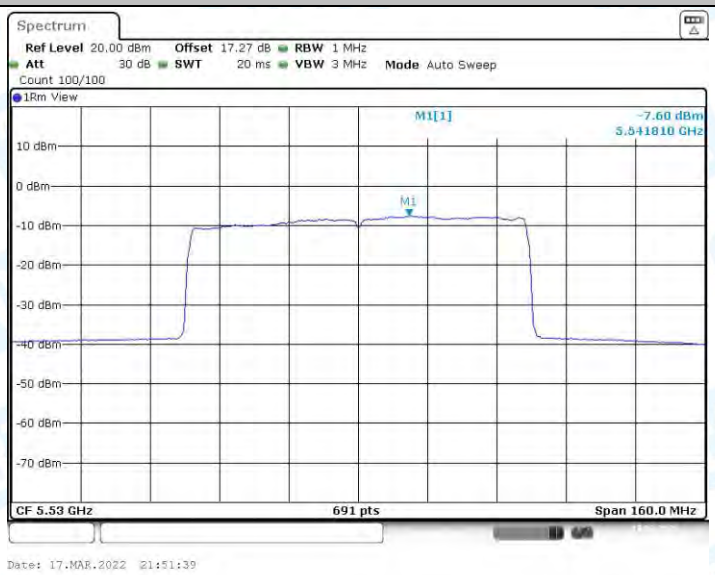

11AX80MIMO_Ant2_5210



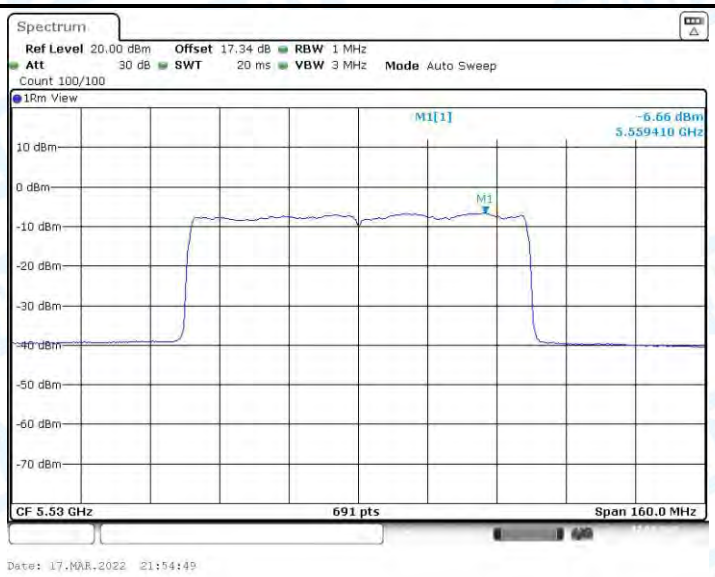

11AX80MIMO_Ant1_5290




11AX80MIMO_Ant2_5290

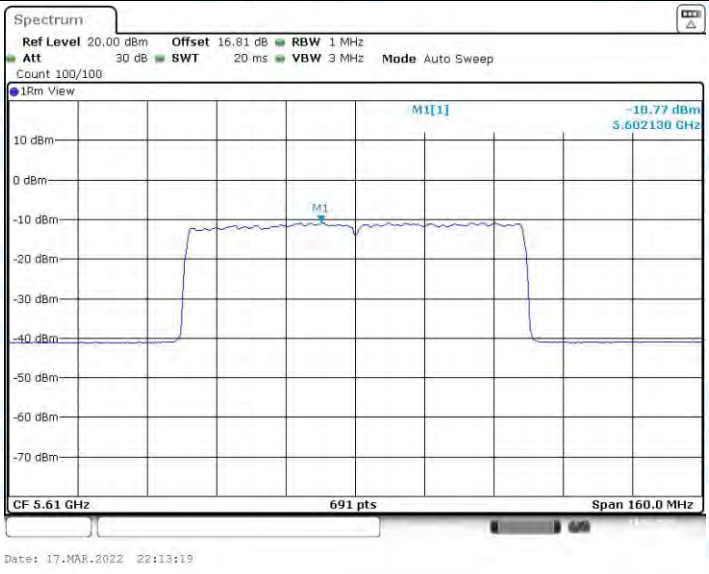



11AX80MIMO_Ant1_5530

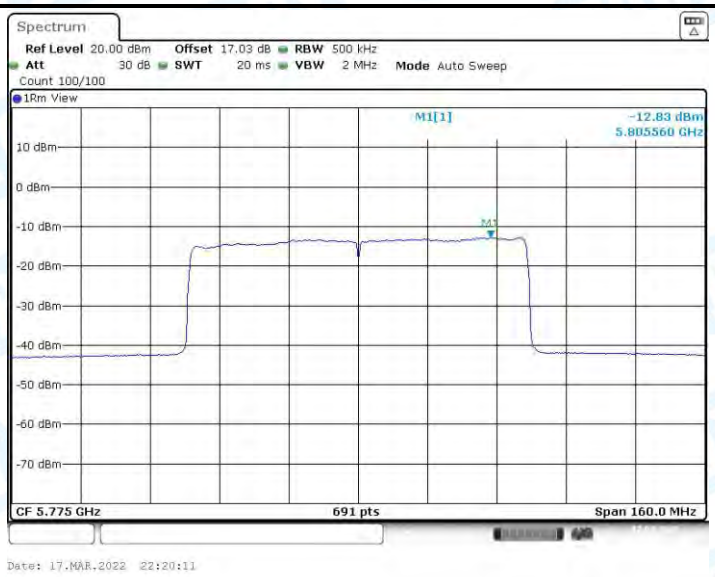



11AX80MIMO_Ant2_5530

11AX80MIMO_Ant1_5610




11AX80MIMO_Ant2_5610




11AX80MIMO_Ant1_5775

11AX80MIMO_Ant2_5775

# 6. Band edge measurements

## 6.1.Test Result

| TestMode | Antenna | ChName | Channel | Result[dBm] | Limit[dBm] | Verdict |
|---|---|---|---|---|---|---|
| 11A | Ant1 | Low | 5180 | -28.68 | ≤-27 | PASS |
| | Ant2 | Low | 5180 | -29.33 | ≤-27 | PASS |
| | Ant1 | High | 5320 | -28.56 | ≤-27 | PASS |
| | Ant2 | High | 5320 | -30.24 | ≤-27 | PASS |
| | Ant1 | Low | 5500 | -28.22 | ≤-27 | PASS |
| | Ant2 | Low | 5500 | -28.71 | ≤-27 | PASS |
| | Ant1 | High | 5700 | -27.00 | ≤-27 | PASS |
| | Ant2 | High | 5700 | -29.17 | ≤-27 | PASS |
| 11N20MIMO | Ant1 | Low | 5180 | -29.09 | ≤-27 | PASS |
| | Ant2 | Low | 5180 | -29.74 | ≤-27 | PASS |
| | Ant1 | High | 5320 | -27.90 | ≤-27 | PASS |
| | Ant2 | High | 5320 | -29.23 | ≤-27 | PASS |
| | Ant1 | Low | 5500 | -27.33 | ≤-27 | PASS |
| | Ant2 | Low | 5500 | -28.28 | ≤-27 | PASS |
| | Ant1 | High | 5700 | -27.90 | ≤-27 | PASS |
| | Ant2 | High | 5700 | -27.91 | ≤-27 | PASS |
| 11N40MIMO | Ant1 | Low | 5190 | -29.47 | ≤-27 | PASS |
| | Ant2 | Low | 5190 | -29.51 | ≤-27 | PASS |
| | Ant1 | High | 5310 | -29.26 | ≤-27 | PASS |
| | Ant2 | High | 5310 | -28.55 | ≤-27 | PASS |
| | Ant1 | Low | 5510 | -28.16 | ≤-27 | PASS |
| | Ant2 | Low | 5510 | -28.66 | ≤-27 | PASS |
| | Ant1 | High | 5670 | -29.85 | ≤-27 | PASS |
| | Ant2 | High | 5670 | -29.52 | ≤-27 | PASS |
| 11AC20MIMO | Ant1 | Low | 5180 | -29.24 | ≤-27 | PASS |
| | Ant2 | Low | 5180 | -31.84 | ≤-27 | PASS |
| | Ant1 | High | 5320 | -41.98 | ≤-27 | PASS |
| | Ant2 | High | 5320 | -43.06 | ≤-27 | PASS |
| | Ant1 | Low | 5500 | -29.71 | ≤-27 | PASS |
| | Ant2 | Low | 5500 | -43.11 | ≤-27 | PASS |
| | Ant1 | High | 5700 | -29.99 | ≤-27 | PASS |
| | Ant2 | High | 5700 | -40.04 | ≤-27 | PASS |
| 11AC40MIMO | Ant1 | Low | 5190 | -30.28 | ≤-27 | PASS |
| | Ant2 | Low | 5190 | -34.39 | ≤-27 | PASS |
| | Ant1 | High | 5310 | -29.03 | ≤-27 | PASS |
| | Ant2 | High | 5310 | -36.17 | ≤-27 | PASS |
| | Ant1 | Low | 5510 | -29.79 | ≤-27 | PASS |
| | Ant2 | Low | 5510 | -34.7 | ≤-27 | PASS |
| | Ant1 | High | 5670 | -39.46 | ≤-27 | PASS |
| | Ant2 | High | 5670 | -37.95 | ≤-27 | PASS |
| 11AC80MIMO | Ant1 | Low | 5210 | -28.11 | ≤-27 | PASS |

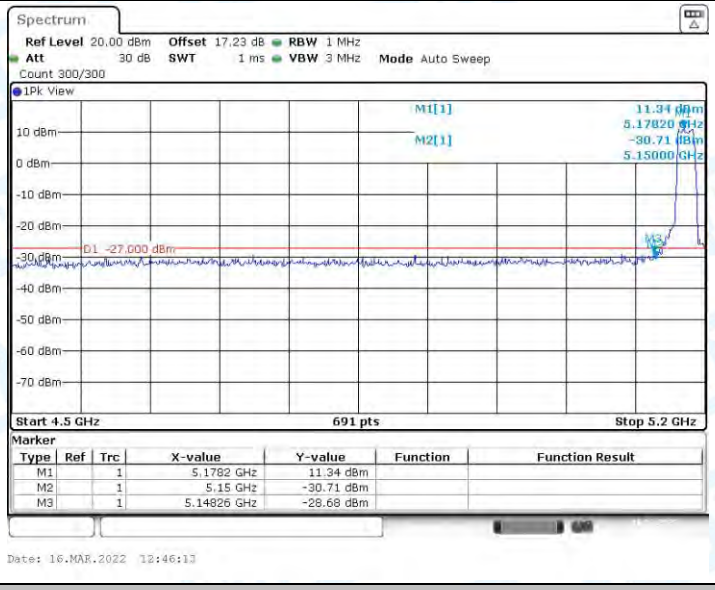
| | | | | | | |
|---|---|---|---|---|---|---|
| | Ant2 | Low | 5210 | -27.86 | ≤-27 | PASS |
| | Ant1 | High | 5290 | -29.1 | ≤-27 | PASS |
| | Ant2 | High | 5290 | -28.9 | ≤-27 | PASS |
| | Ant1 | Low | 5530 | -28.47 | ≤-27 | PASS |
| | Ant2 | Low | 5530 | -27.6 | ≤-27 | PASS |
| | Ant1 | High | 5610 | -29.73 | ≤-27 | PASS |
| | Ant2 | High | 5610 | -30.37 | ≤-27 | PASS |
| 11AX20MIMO | Ant1 | Low | 5180 | -32.13 | ≤-27 | PASS |
| | Ant2 | Low | 5180 | -42.70 | ≤-27 | PASS |
| | Ant1 | High | 5320 | -43.08 | ≤-27 | PASS |
| | Ant2 | High | 5320 | -41.42 | ≤-27 | PASS |
| | Ant1 | Low | 5500 | -27.92 | ≤-27 | PASS |
| | Ant2 | Low | 5500 | -37.94 | ≤-27 | PASS |
| | Ant1 | High | 5700 | -29.89 | ≤-27 | PASS |
| | Ant2 | High | 5700 | -35.69 | ≤-27 | PASS |
| 11AX40MIMO | Ant1 | Low | 5190 | -30.52 | ≤-27 | PASS |
| | Ant2 | Low | 5190 | -36.36 | ≤-27 | PASS |
| | Ant1 | High | 5310 | -34.88 | ≤-27 | PASS |
| | Ant2 | High | 5310 | -29.17 | ≤-27 | PASS |
| | Ant1 | Low | 5510 | -28.79 | ≤-27 | PASS |
| | Ant2 | Low | 5510 | -29.69 | ≤-27 | PASS |
| | Ant1 | High | 5670 | -38.25 | ≤-27 | PASS |
| | Ant2 | High | 5670 | -39.16 | ≤-27 | PASS |
| 11AX80MIMO | Ant1 | Low | 5210 | -27.67 | ≤-27 | PASS |
| | Ant2 | Low | 5210 | -29.82 | ≤-27 | PASS |
| | Ant1 | High | 5290 | -37.18 | ≤-27 | PASS |
| | Ant2 | High | 5290 | -34.64 | ≤-27 | PASS |
| | Ant1 | Low | 5530 | -28.19 | ≤-27 | PASS |
| | Ant2 | Low | 5530 | -28.14 | ≤-27 | PASS |
| | Ant1 | High | 5610 | -30.88 | ≤-27 | PASS |
| | Ant2 | High | 5610 | -29.96 | ≤-27 | PASS |

| TestMode | Antenna | ChName | Channel | FreqRange [MHz] | Result [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant1 | Low | 5745 | 5650~5700 | -28.42 | ≤9.01 | PASS |
| | | | | 5700~5720 | -27.08 | ≤15.60 | PASS |
| | | | | 5720~5725 | -24.53 | ≤27.00 | PASS |
| | | | | 5760~5650 | -31.38 | ≤-27 | PASS |
| | Ant2 | Low | 5745 | 5650~5700 | -30.19 | ≤-4.43 | PASS |
| | | | | 5700~5720 | -27.86 | ≤15.41 | PASS |
| | | | | 5720~5725 | -26.69 | ≤27.00 | PASS |
| | | | | 5760~5650 | -31.99 | ≤-27 | PASS |
| | Ant1 | High | 5825 | 5850~5855 | -23.83 | ≤26.95 | PASS |
| | | | | 5855~5875 | -23.86 | ≤10.05 | PASS |
| | | | | 5875~5925 | -29.42 | ≤5.24 | PASS |
| | | | | 5925~5935 | -29.4 | ≤-27 | PASS |
| | Ant2 | High | 5825 | 5850~5855 | -30.41 | ≤21.60 | PASS |
| | | | | 5855~5875 | -27.36 | ≤13.66 | PASS |
| | | | | 5875~5925 | -29.85 | ≤8.71 | PASS |
| | | | | 5925~5935 | -29.63 | ≤-27 | PASS |
| 11N20MIMO | Ant1 | Low | 5745 | 5650~5700 | -29.47 | ≤8.64 | PASS |
| | | | | 5700~5720 | -27.79 | ≤12.89 | PASS |
| | | | | 5720~5725 | -26.28 | ≤27.00 | PASS |
| | | | | 5760~5650 | -31.12 | ≤-27 | PASS |
| | Ant2 | Low | 5745 | 5650~5700 | -29.41 | ≤-4.92 | PASS |
| | | | | 5700~5720 | -27.5 | ≤14.20 | PASS |
| | | | | 5720~5725 | -25.63 | ≤27.00 | PASS |
| | | | | 5760~5650 | -29.85 | ≤-27 | PASS |
| | Ant1 | High | 5825 | 5850~5855 | -26.61 | ≤15.80 | PASS |
| | | | | 5855~5875 | -29.16 | ≤10.05 | PASS |
| | | | | 5875~5925 | -29.37 | ≤-20.24 | PASS |
| | | | | 5925~5935 | -29.66 | ≤-27 | PASS |
| | Ant2 | High | 5825 | 5850~5855 | -30.51 | ≤18.48 | PASS |
| | | | | 5855~5875 | -29.41 | ≤15.47 | PASS |
| | | | | 5875~5925 | -29.61 | ≤-20.68 | PASS |
| | | | | 5925~5935 | -30.07 | ≤-27 | PASS |
| 11N40MIMO | Ant1 | Low | 5755 | 5650~5700 | -29.78 | ≤2.02 | PASS |
| | | | | 5700~5720 | -26.42 | ≤14.65 | PASS |
| | | | | 5720~5725 | -26.68 | ≤22.59 | PASS |
| | | | | 5780~5650 | -30.74 | ≤-27 | PASS |
| | Ant2 | Low | 5755 | 5650~5700 | -30.12 | ≤9.84 | PASS |
| | | | | 5700~5720 | -25.45 | ≤14.21 | PASS |
| | | | | 5720~5725 | -25.41 | ≤25.26 | PASS |
| | | | | 5780~5650 | -31.79 | ≤-27 | PASS |
| | Ant1 | High | 5795 | 5850~5855 | -29.71 | ≤26.75 | PASS |
| | | | | 5855~5875 | -28.3 | ≤14.32 | PASS |
| | | | | 5875~5925 | -28.99 | ≤-26.31 | PASS |

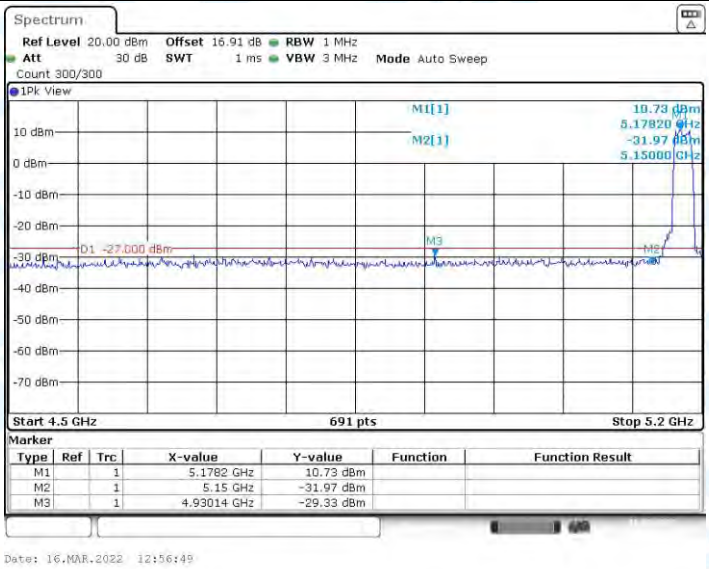
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | 5925~5935 | -31.19 | ≤-27 | PASS |
| | Ant2 | High | 5795 | 5850~5855 | -30.74 | ≤22.39 | PASS |
| | | | | 5855~5875 | -28.65 | ≤13.72 | PASS |
| | | | | 5875~5925 | -29.73 | ≤-26.84 | PASS |
| | | | | 5925~5935 | -30.7 | ≤-27 | PASS |
| 11AC20MIMO | Ant1 | Low | 5745 | 5650~5700 | -39.94 | ≤-4.68 | PASS |
| | | | | 5700~5720 | -35.25 | ≤15.37 | PASS |
| | | | | 5720~5725 | -32.13 | ≤27.00 | PASS |
| | | | | 5760~5650 | -40.52 | ≤-27 | PASS |
| | Ant2 | Low | 5745 | 5650~5700 | -39.24 | ≤9.14 | PASS |
| | | | | 5700~5720 | -35.19 | ≤13.92 | PASS |
| | | | | 5720~5725 | -23.81 | ≤27.00 | PASS |
| | | | | 5760~5650 | -41.45 | ≤-27 | PASS |
| | Ant1 | High | 5825 | 5850~5855 | -30.14 | ≤19.37 | PASS |
| | | | | 5855~5875 | -29.34 | ≤14.60 | PASS |
| | | | | 5875~5925 | -29.22 | ≤-19.95 | PASS |
| | | | | 5925~5935 | -30.28 | ≤-27 | PASS |
| | Ant2 | High | 5825 | 5850~5855 | -38.16 | ≤26.06 | PASS |
| | | | | 5855~5875 | -37.98 | ≤10.76 | PASS |
| | | | | 5875~5925 | -38.92 | ≤-11.12 | PASS |
| | | | | 5925~5935 | -38.79 | ≤-27 | PASS |
| 11AC40MIMO | Ant1 | Low | 5755 | 5650~5700 | -37.51 | ≤9.98 | PASS |
| | | | | 5700~5720 | -29.81 | ≤14.10 | PASS |
| | | | | 5720~5725 | -27.62 | ≤25.71 | PASS |
| | | | | 5780~5650 | -39.98 | ≤-27 | PASS |
| | Ant2 | Low | 5755 | 5650~5700 | -38.74 | ≤9.98 | PASS |
| | | | | 5700~5720 | -30.35 | ≤15.53 | PASS |
| | | | | 5720~5725 | -30.87 | ≤15.90 | PASS |
| | | | | 5780~5650 | -39.55 | ≤-27 | PASS |
| | Ant1 | High | 5795 | 5850~5855 | -35.73 | ≤26.21 | PASS |
| | | | | 5855~5875 | -36.9 | ≤10.17 | PASS |
| | | | | 5875~5925 | -38.24 | ≤-25.42 | PASS |
| | | | | 5925~5935 | -39.55 | ≤-27 | PASS |
| | Ant2 | High | 5795 | 5850~5855 | -38.89 | ≤25.66 | PASS |
| | | | | 5855~5875 | -36.91 | ≤13.65 | PASS |
| | | | | 5875~5925 | -38.23 | ≤-16.75 | PASS |
| | | | | 5925~5935 | -40.3 | ≤-27 | PASS |
| 11AC80MIMO | Ant1 | High | 5775 | 5850~5855 | -29.66 | ≤20.51 | PASS |
| | | | | 5855~5875 | -28.79 | ≤11.53 | PASS |
| | | | | 5875~5925 | -28.8 | ≤-23.87 | PASS |
| | | | | 5925~5935 | -29.27 | ≤-27 | PASS |
| | Ant2 | High | 5775 | 5850~5855 | -30.26 | ≤23.56 | PASS |
| | | | | 5855~5875 | -29.47 | ≤10.48 | PASS |
| | | | | 5875~5925 | -29.63 | ≤-9.39 | PASS |
| | | | | 5925~5935 | -29.32 | ≤-27 | PASS |
| 11AX20MIMO | Ant1 | Low | 5745 | 5650~5700 | -38.89 | ≤7.53 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | 5700~5720 | -31.91 | ≤15.55 | PASS |
| | | | | 5720~5725 | -27.38 | ≤23.20 | PASS |
| | | | | 5760~5650 | -39.67 | ≤-27 | PASS |
| | Ant2 | Low | 5745 | 5650~5700 | -33.77 | ≤3.34 | PASS |
| | | | | 5700~5720 | -20.7 | ≤15.60 | PASS |
| | | | | 5720~5725 | -18.76 | ≤17.88 | PASS |
| | | | | 5760~5650 | -40.37 | ≤-27 | PASS |
| | Ant1 | High | 5825 | 5850~5855 | -26.68 | ≤21.60 | PASS |
| | | | | 5855~5875 | -27.86 | ≤11.36 | PASS |
| | | | | 5875~5925 | -29.45 | ≤-17.06 | PASS |
| | | | | 5925~5935 | -30.38 | ≤-27 | PASS |
| | Ant2 | High | 5825 | 5850~5855 | -29.08 | ≤15.80 | PASS |
| | | | | 5855~5875 | -36.06 | ≤11.25 | PASS |
| | | | | 5875~5925 | -37.82 | ≤-13.15 | PASS |
| | | | | 5925~5935 | -40.2 | ≤-27 | PASS |
| 11AX40MIMO | Ant1 | Low | 5755 | 5650~5700 | -35.69 | ≤5.06 | PASS |
| | | | | 5700~5720 | -27.89 | ≤15.42 | PASS |
| | | | | 5720~5725 | -26.98 | ≤23.93 | PASS |
| | | | | 5780~5650 | -40.39 | ≤-27 | PASS |
| | Ant2 | Low | 5755 | 5650~5700 | -34.11 | ≤7.52 | PASS |
| | | | | 5700~5720 | -22.08 | ≤14.92 | PASS |
| | | | | 5720~5725 | -23.9 | ≤21.70 | PASS |
| | | | | 5780~5650 | -39.79 | ≤-27 | PASS |
| | Ant1 | High | 5795 | 5850~5855 | -36.35 | ≤15.85 | PASS |
| | | | | 5855~5875 | -36.63 | ≤11.38 | PASS |
| | | | | 5875~5925 | -38.4 | ≤-14.63 | PASS |
| | | | | 5925~5935 | -40.33 | ≤-27 | PASS |
| | Ant2 | High | 5795 | 5850~5855 | -36.21 | ≤18.03 | PASS |
| | | | | 5855~5875 | -36.03 | ≤13.59 | PASS |
| | | | | 5875~5925 | -37.27 | ≤-26.48 | PASS |
| | | | | 5925~5935 | -39.94 | ≤-27 | PASS |
| 11AX80MIMO | Ant1 | Low | 5775 | 5650~5700 | -29.54 | ≤2.71 | PASS |
| | | | | 5700~5720 | -27.45 | ≤14.98 | PASS |
| | | | | 5720~5725 | -28.77 | ≤24.37 | PASS |
| | | | | 5800~5650 | -30.7 | ≤-27 | PASS |
| | Ant2 | Low | 5775 | 5650~5700 | -26.81 | ≤3.88 | PASS |
| | | | | 5700~5720 | -26.42 | ≤12.09 | PASS |
| | | | | 5720~5725 | -27.72 | ≤17.20 | PASS |
| | | | | 5800~5650 | -28.62 | ≤-27 | PASS |

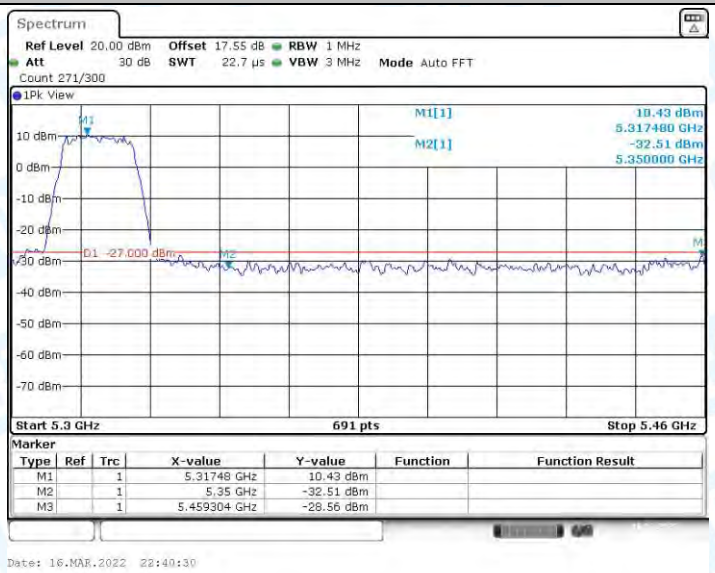
## 6.2.Test Graphs



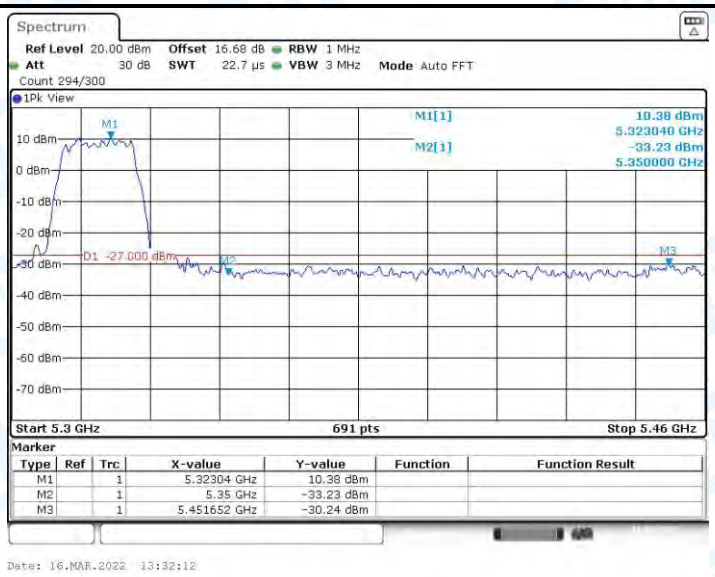

11A_Ant1_Low_5180



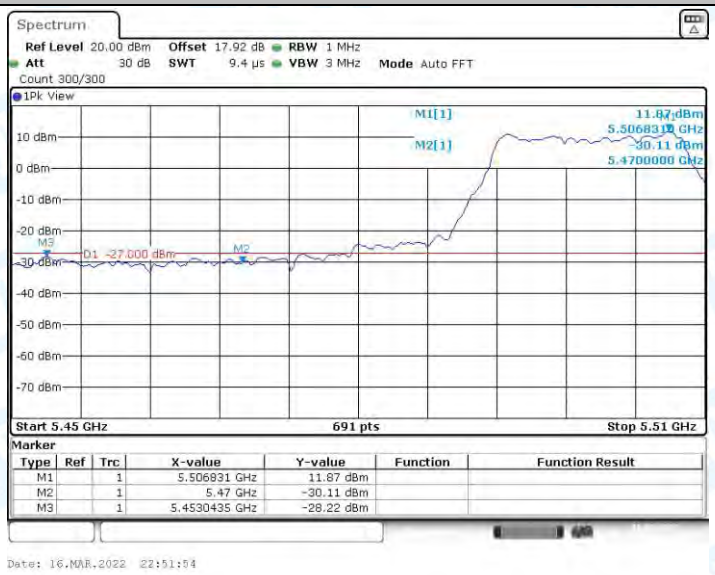

11A_Ant2_Low_5180



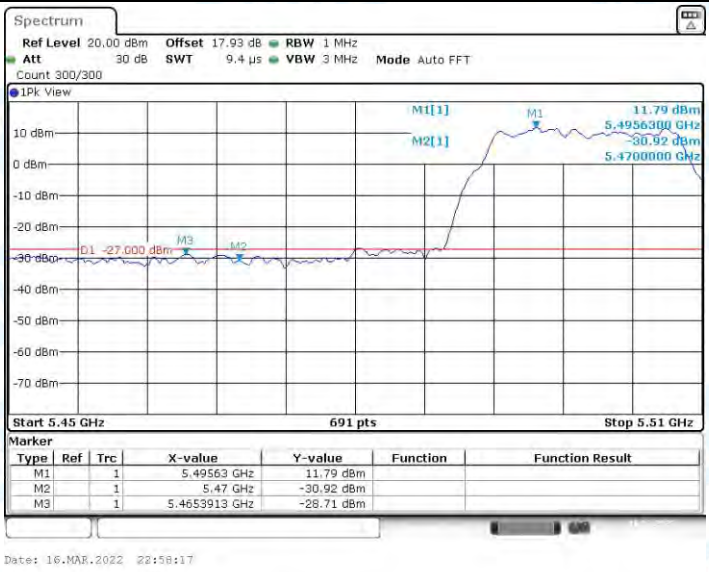

11A_Ant1_High_5320



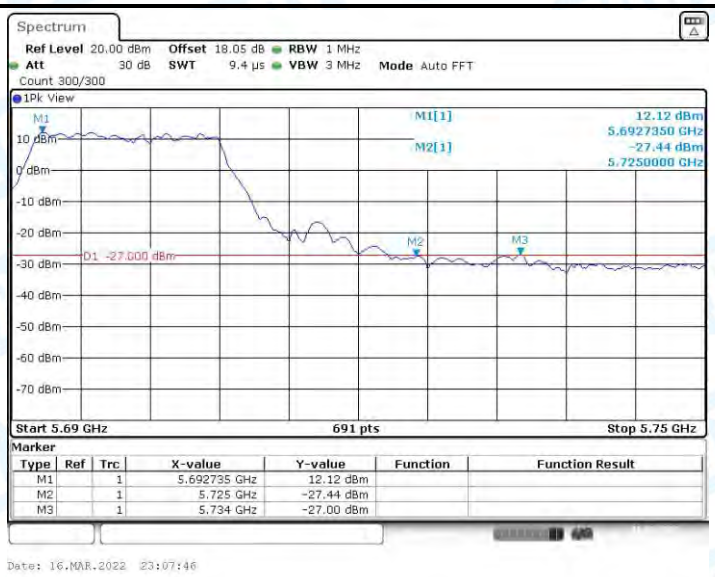

11A_Ant2_High_5320



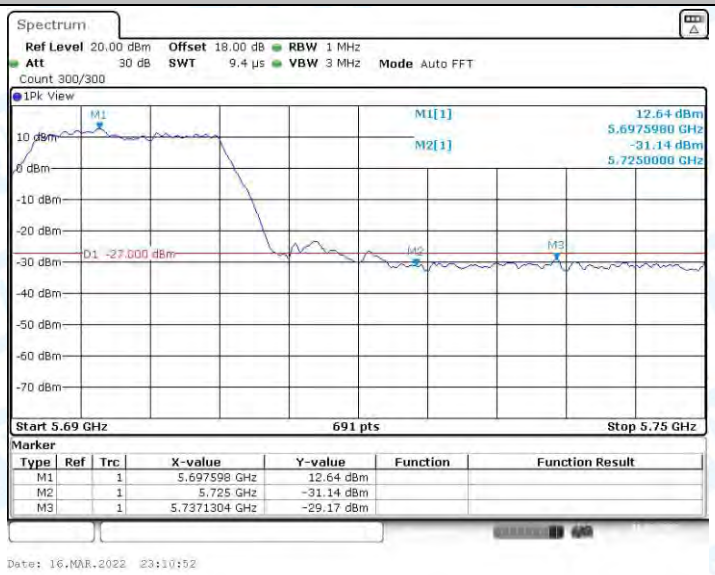

11A_Ant1_Low_5500



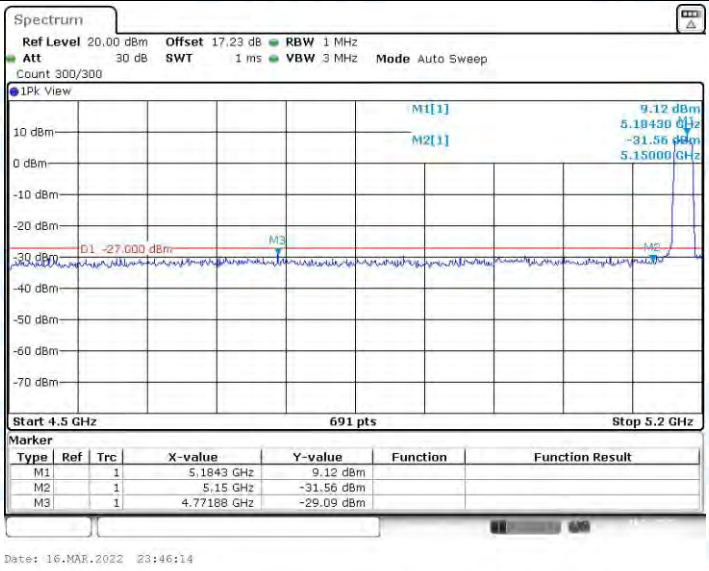

11A_Ant2_Low_5500



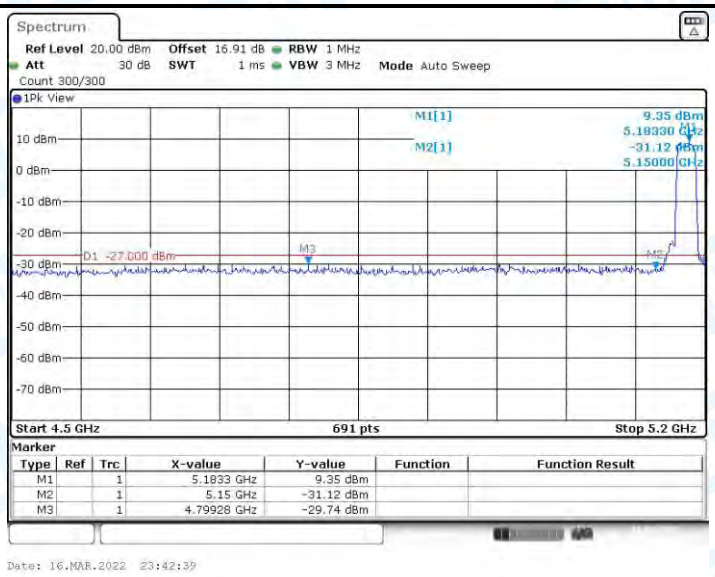

11A_Ant1_High_5700



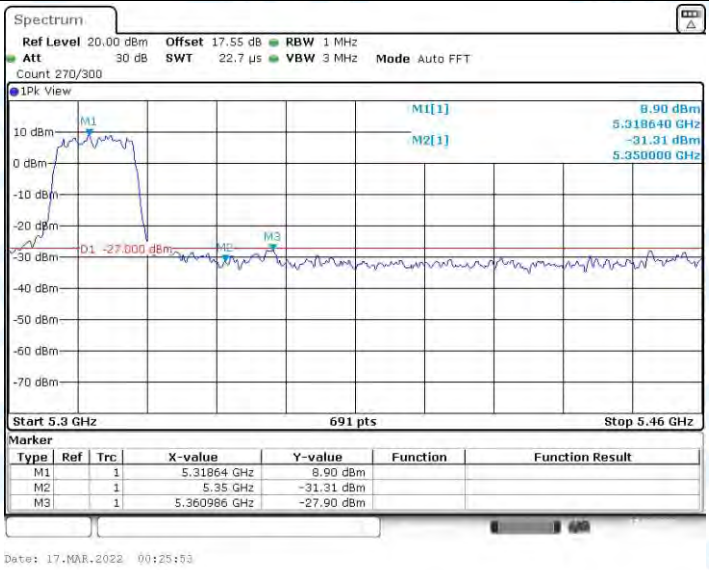

11A_Ant2_High_5700



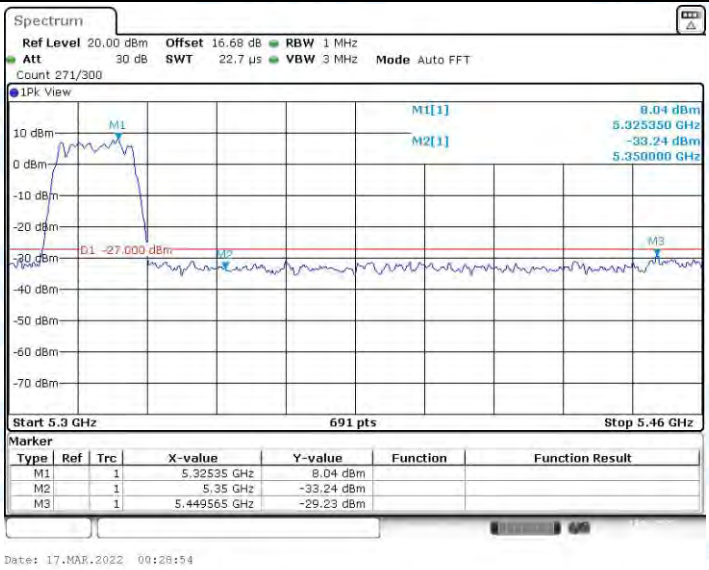

11N20MIMO_Ant1_Low_5180




11N20MIMO_Ant2_Low_5180




11N20MIMO_Ant1_High_5320




11N20MIMO_Ant2_High_5320