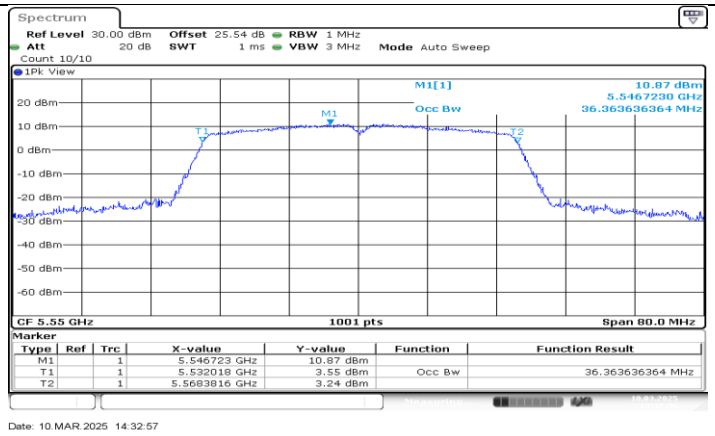
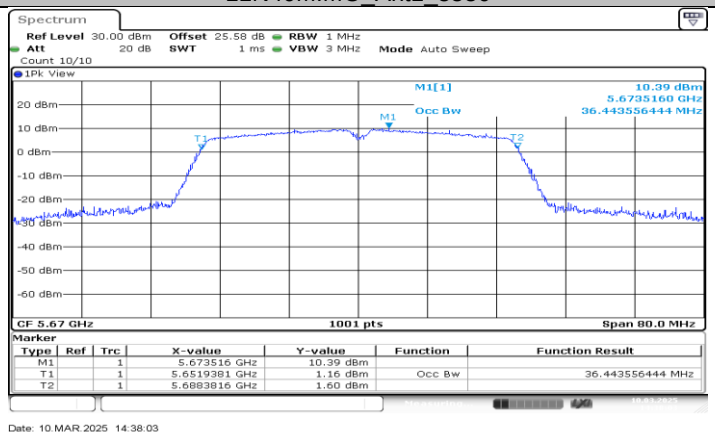
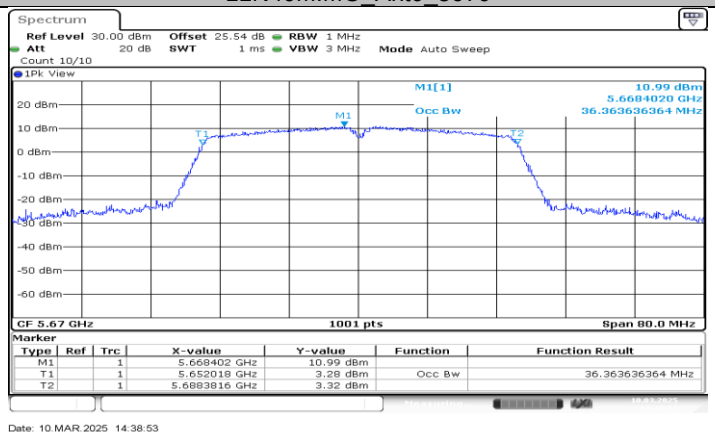


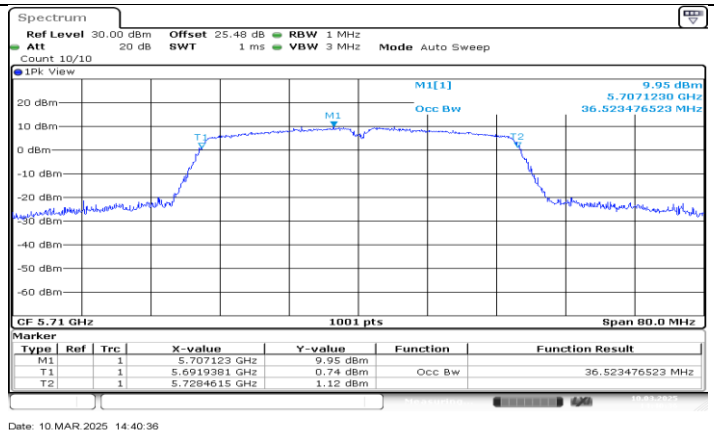

11N40MIMO_Ant1_5550



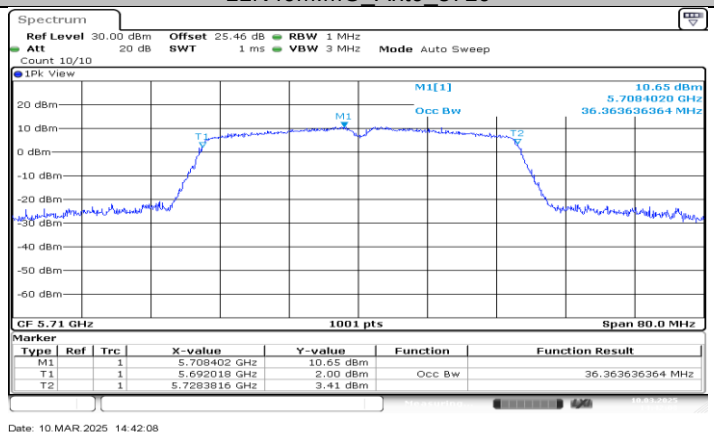

11N40MIMO_Ant0_5670



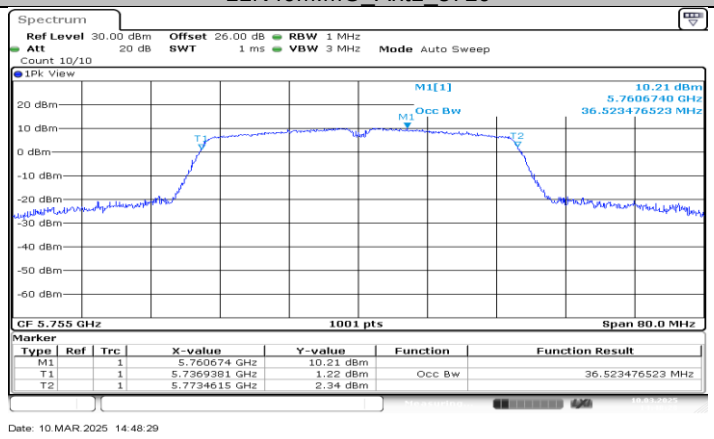

11N40MIMO_Ant1_5670



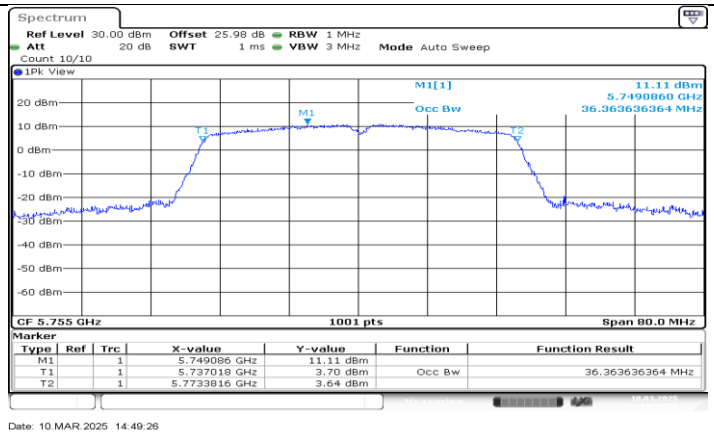

11N40MIMO_Ant0_5710



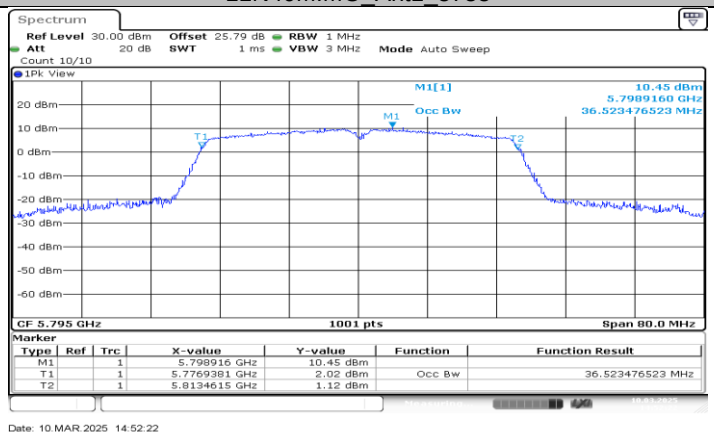

11N40MIMO_Ant1_5710



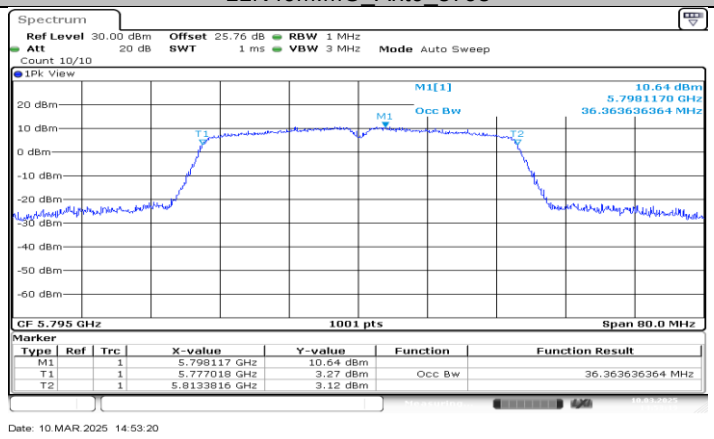

11N40MIMO_Ant0_5755



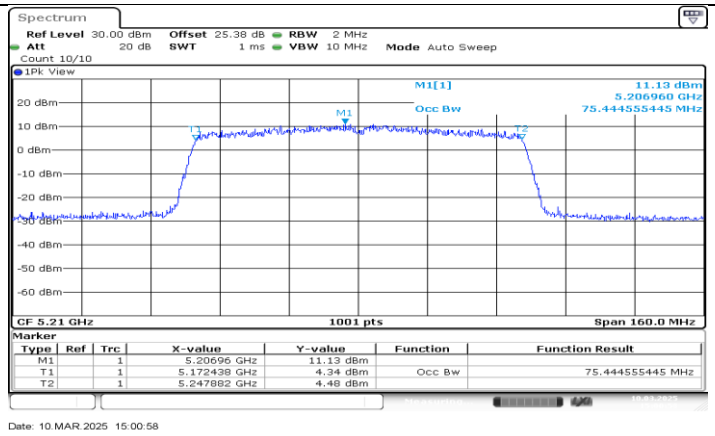

11N40MIMO_Ant1_5755



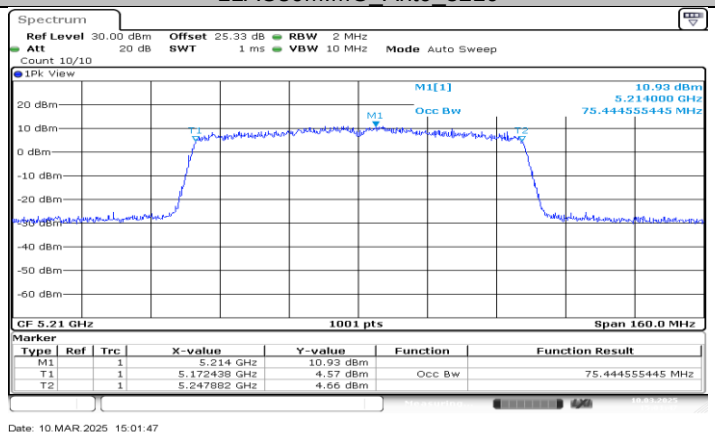

11N40MIMO_Ant0_5795



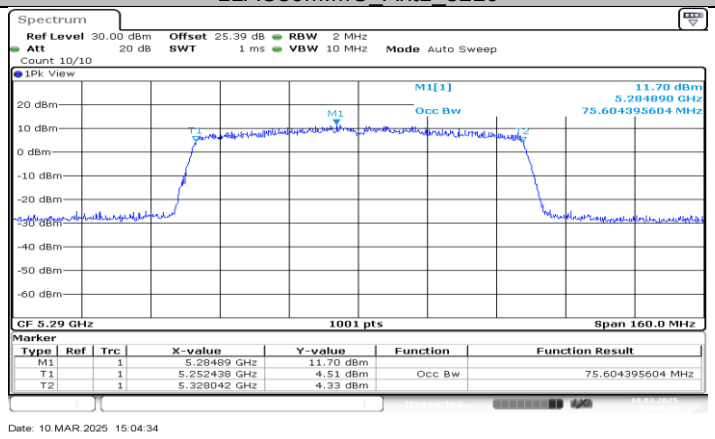

11N40MIMO_Ant1_5795



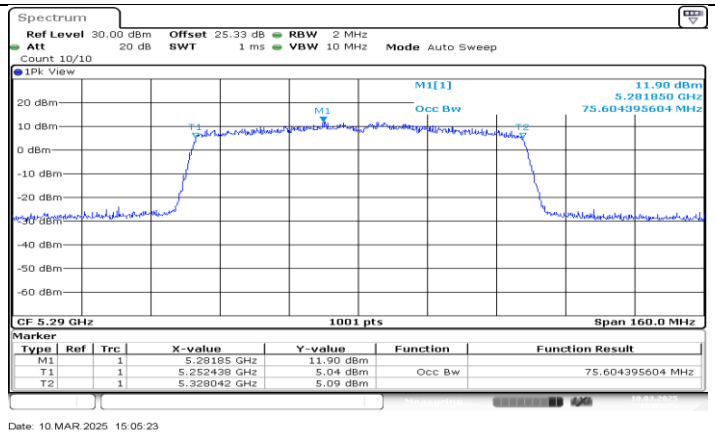

11AC80MIMO_Ant0_5210



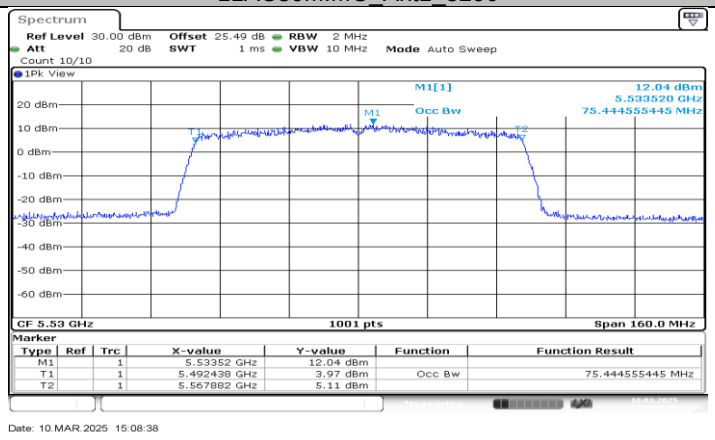

11AC80MIMO_Ant1_5210



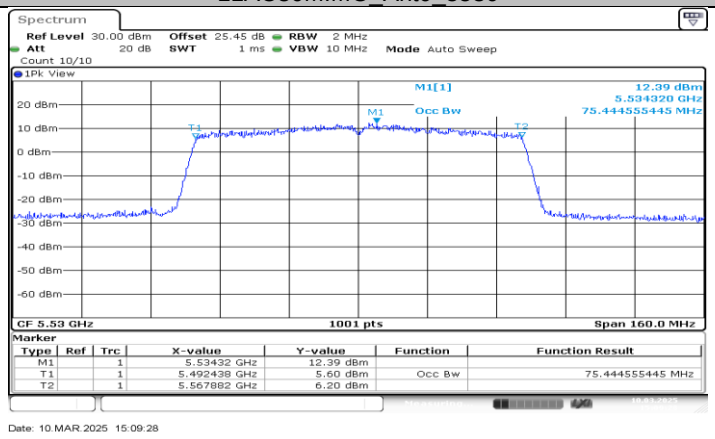

11AC80MIMO_Ant0_5290



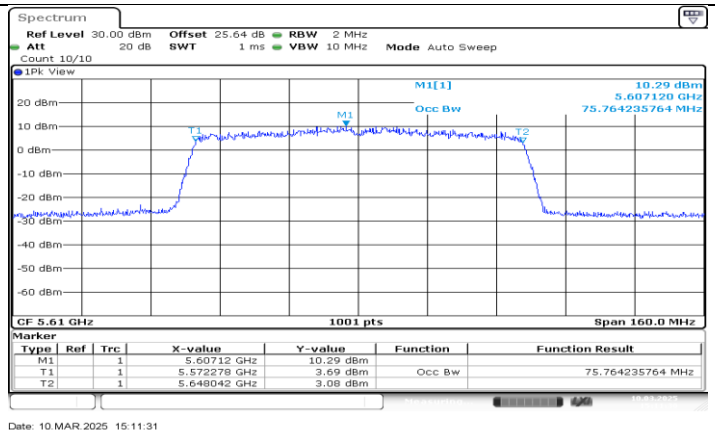

11AC80MIMO_Ant1_5290



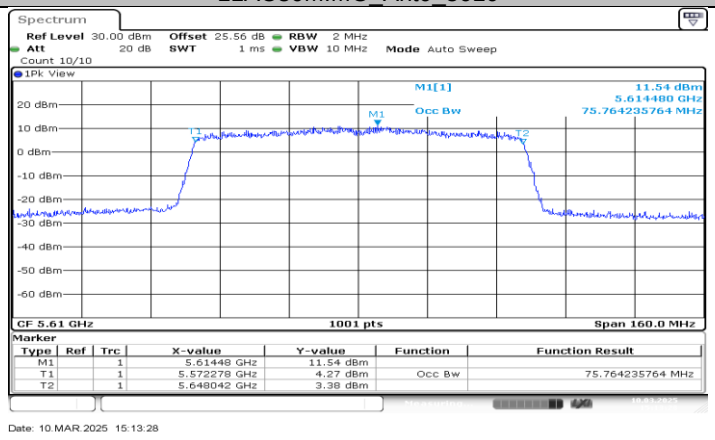

11AC80MIMO_Ant0_5530



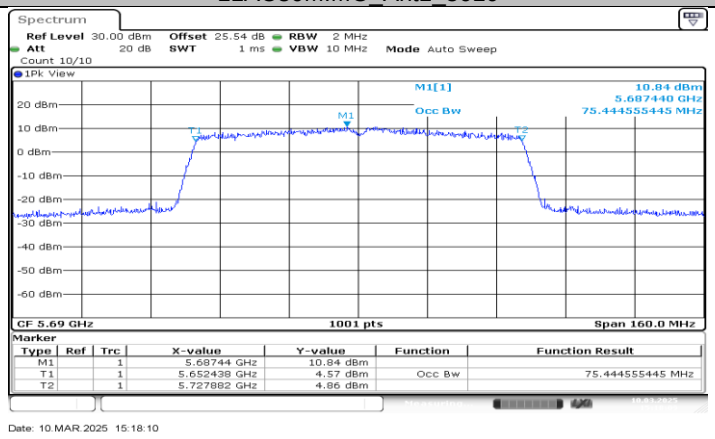

11AC80MIMO_Ant1_5530



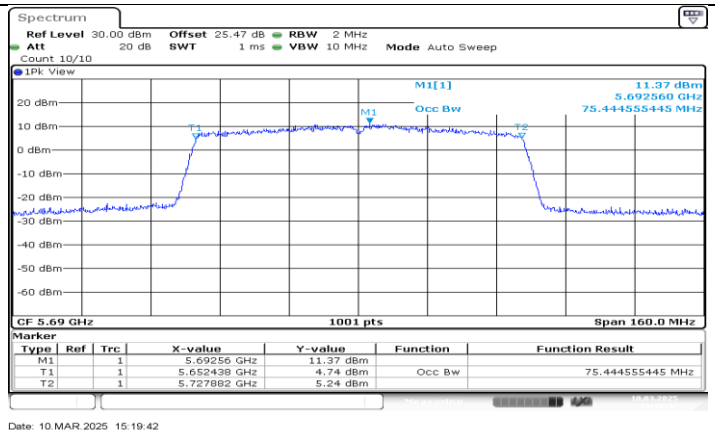

11AC80MIMO_Ant0_5610



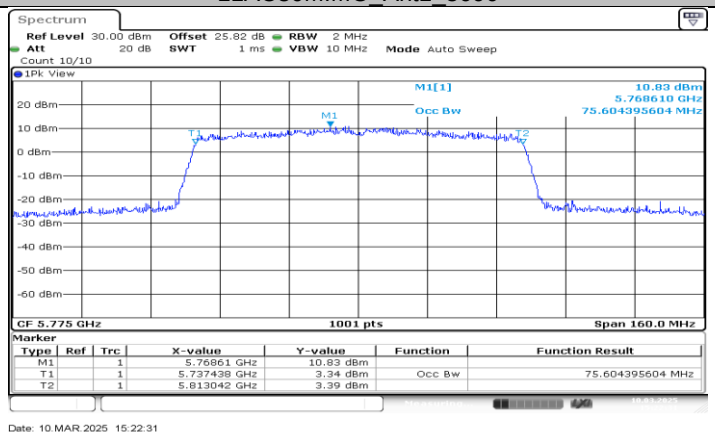

11AC80MIMO_Ant1_5610



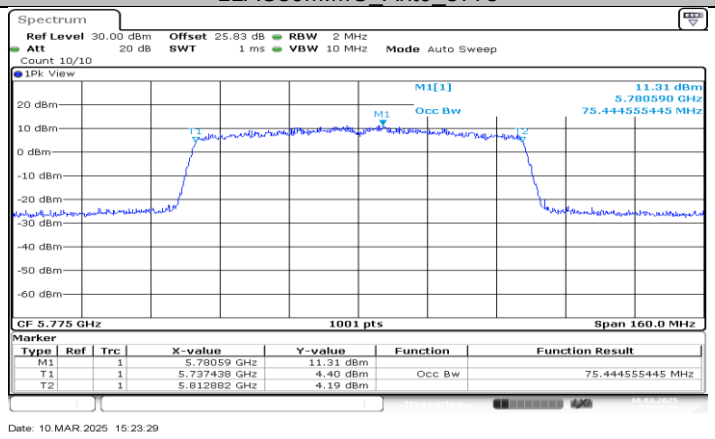

11AC80MIMO_Ant0_5690




11AC80MIMO_Ant1_5690




11AC80MIMO_Ant0_5775



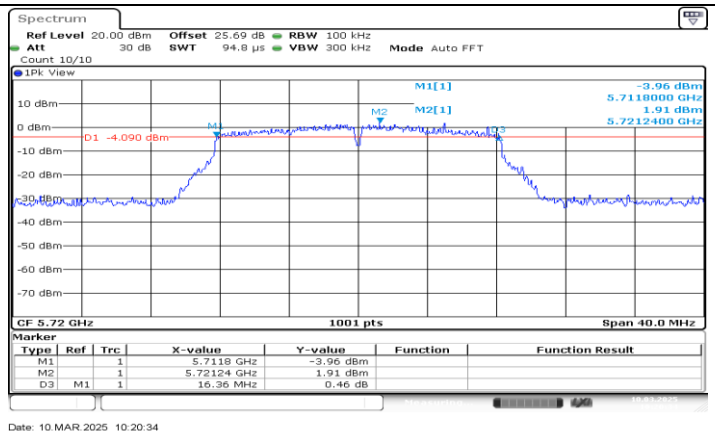

11AC80MIMO_Ant1_5775

## 11.3. APPENDIX C: MIN EMISSION BANDWIDTH

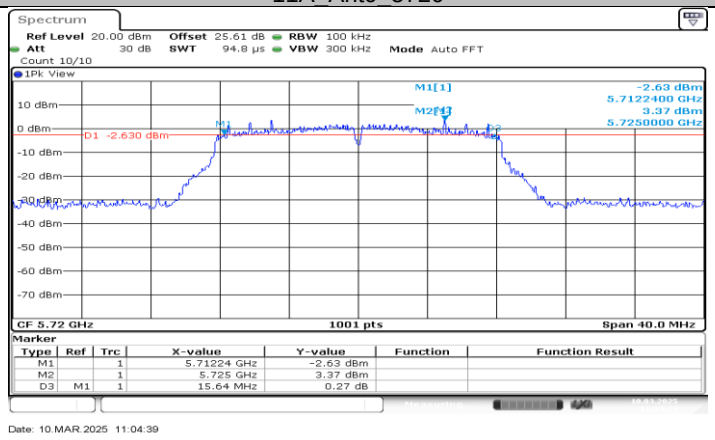
### 11.3.1. Test Result

| Test Mode | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant0 | 5720 | 16.36 | 5711.80 | 5728.16 | --- | --- |
| | Ant1 | 5720 | 15.64 | 5712.24 | 5727.88 | --- | --- |
| | Ant0 | 5720_UNII-2C | 13.2 | 5711.80 | 5725 | --- | --- |
| | Ant1 | 5720_UNII-2C | 12.76 | 5712.24 | 5725 | --- | --- |
| | Ant0 | 5720_UNII-3 | 3.16 | 5725 | 5728.16 | ≥0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 2.88 | 5725 | 5727.88 | ≥0.5 | PASS |
| | Ant0 | 5745 | 15.12 | 5737.44 | 5752.56 | ≥0.5 | PASS |
| | Ant1 | 5745 | 15.12 | 5737.44 | 5752.56 | ≥0.5 | PASS |
| | Ant0 | 5785 | 14.40 | 5777.84 | 5792.24 | ≥0.5 | PASS |
| | Ant1 | 5785 | 15.04 | 5777.52 | 5792.56 | ≥0.5 | PASS |
| | Ant0 | 5825 | 15.92 | 5817.20 | 5833.12 | ≥0.5 | PASS |
| | Ant1 | 5825 | 14.48 | 5818.08 | 5832.56 | ≥0.5 | PASS |
| 11N20MIMO | Ant0 | 5720 | 16.04 | 5712.00 | 5728.04 | --- | --- |
| | Ant1 | 5720 | 17.56 | 5711.40 | 5728.96 | --- | --- |
| | Ant0 | 5720_UNII-2C | 13 | 5712.00 | 5725 | --- | --- |
| | Ant1 | 5720_UNII-2C | 13.6 | 5711.40 | 5725 | --- | --- |
| | Ant0 | 5720_UNII-3 | 3.04 | 5725 | 5728.04 | ≥0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 3.96 | 5725 | 5728.96 | ≥0.5 | PASS |
| | Ant0 | 5745 | 16.64 | 5737.28 | 5753.92 | ≥0.5 | PASS |
| | Ant1 | 5745 | 16.28 | 5737.04 | 5753.32 | ≥0.5 | PASS |
| | Ant0 | 5785 | 15.64 | 5777.28 | 5792.92 | ≥0.5 | PASS |
| | Ant1 | 5785 | 16.20 | 5777.36 | 5793.56 | ≥0.5 | PASS |
| | Ant0 | 5825 | 15.08 | 5817.64 | 5832.72 | ≥0.5 | PASS |
| | Ant1 | 5825 | 16.92 | 5816.40 | 5833.32 | ≥0.5 | PASS |
| 11N40MIMO | Ant0 | 5710 | 35.12 | 5692.64 | 5727.76 | --- | --- |
| | Ant1 | 5710 | 35.12 | 5692.64 | 5727.76 | --- | --- |
| | Ant0 | 5710_UNII-2C | 32.36 | 5692.64 | 5725 | --- | --- |
| | Ant1 | 5710_UNII-2C | 32.36 | 5692.64 | 5725 | --- | --- |
| | Ant0 | 5710_UNII-3 | 2.76 | 5725 | 5727.76 | ≥0.5 | PASS |
| | Ant1 | 5710_UNII-3 | 2.76 | 5725 | 5727.76 | ≥0.5 | PASS |
| | Ant0 | 5755 | 35.12 | 5737.64 | 5772.76 | ≥0.5 | PASS |
| | Ant1 | 5755 | 35.12 | 5737.64 | 5772.76 | ≥0.5 | PASS |
| | Ant0 | 5795 | 35.12 | 5777.64 | 5812.76 | ≥0.5 | PASS |
| | Ant1 | 5795 | 35.12 | 5777.64 | 5812.76 | ≥0.5 | PASS |
| 11AC80MIMO | Ant0 | 5690 | 75.68 | 5652.56 | 5728.24 | --- | --- |
| | Ant1 | 5690 | 75.04 | 5652.56 | 5727.60 | --- | --- |
| | Ant0 | 5690_UNII-2C | 72.44 | 5652.56 | 5725 | --- | --- |
| | Ant1 | 5690_UNII-2C | 72.44 | 5652.56 | 5725 | --- | --- |
| | Ant0 | 5690_UNII-3 | 3.24 | 5725 | 5728.24 | ≥0.5 | PASS |
| | Ant1 | 5690_UNII-3 | 2.6 | 5725 | 5727.60 | ≥0.5 | PASS |
| | Ant0 | 5775 | 75.20 | 5737.56 | 5812.76 | ≥0.5 | PASS |
| | Ant1 | 5775 | 75.04 | 5737.56 | 5812.60 | ≥0.5 | PASS |

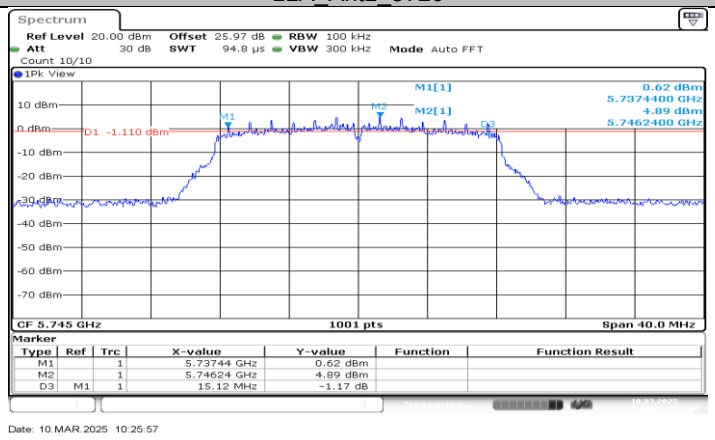
## 11.3.2. Test Graphs



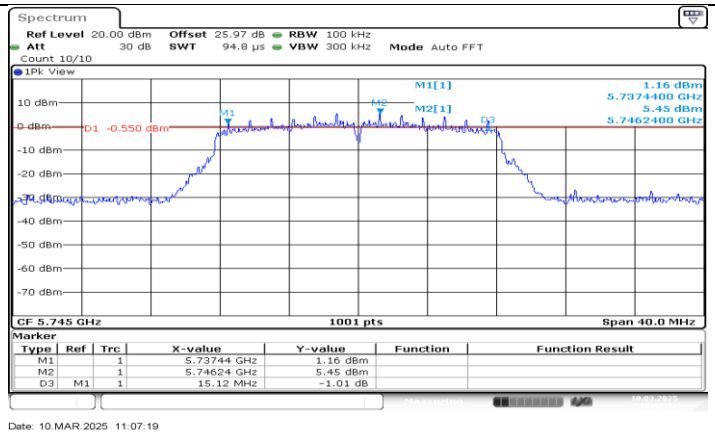

11A_Ant0_5720



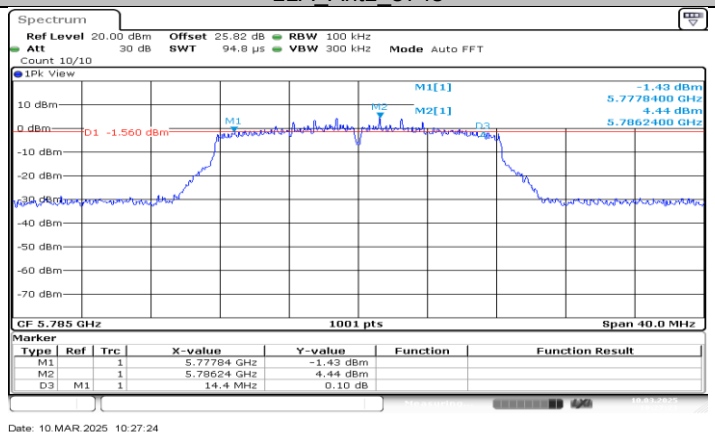

11A_Ant1_5720



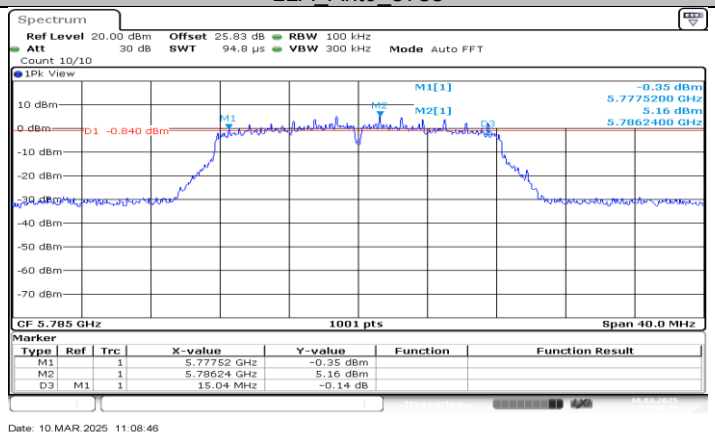

11A_Ant0_5745



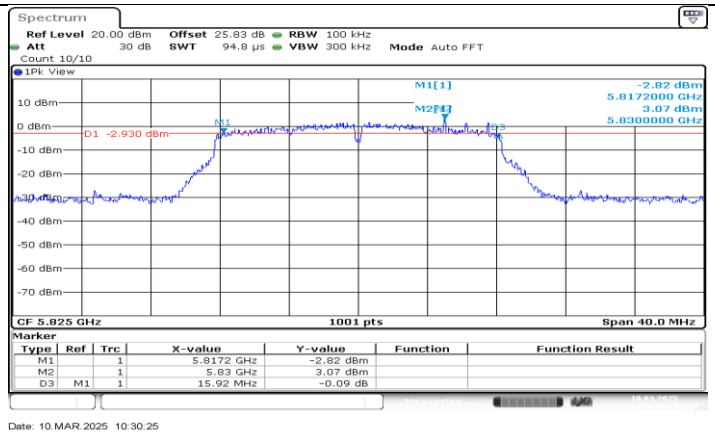

11A_Ant1_5745



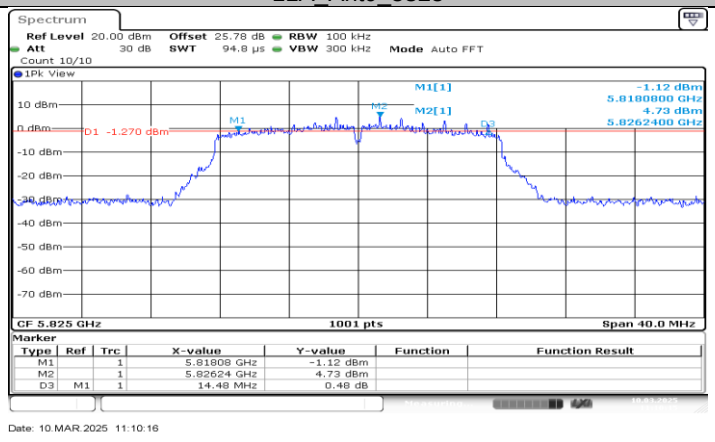

11A_Ant0_5785



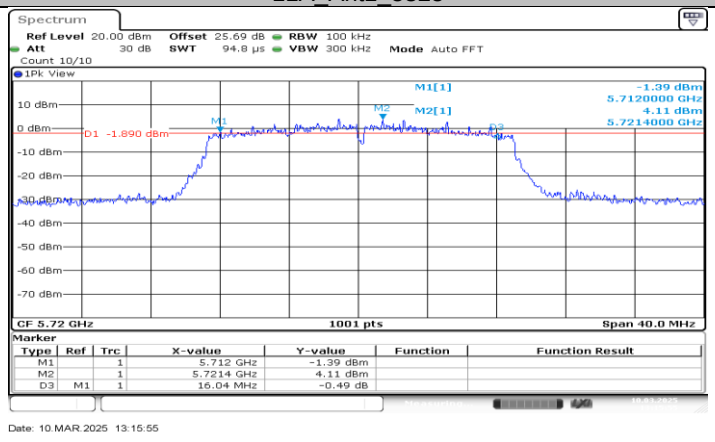

11A_Ant1_5785



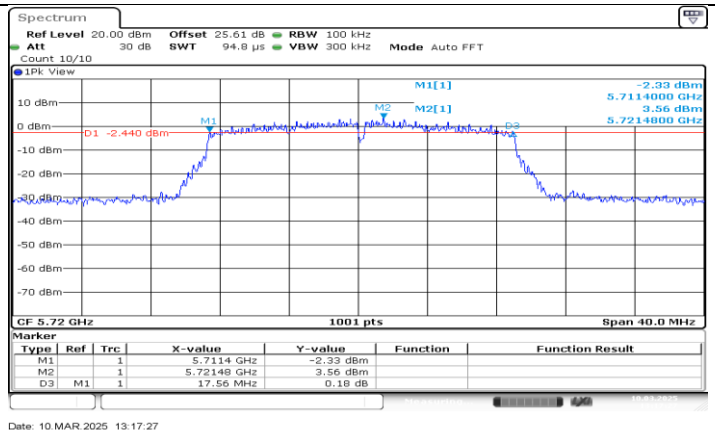

11A_Ant0_5825



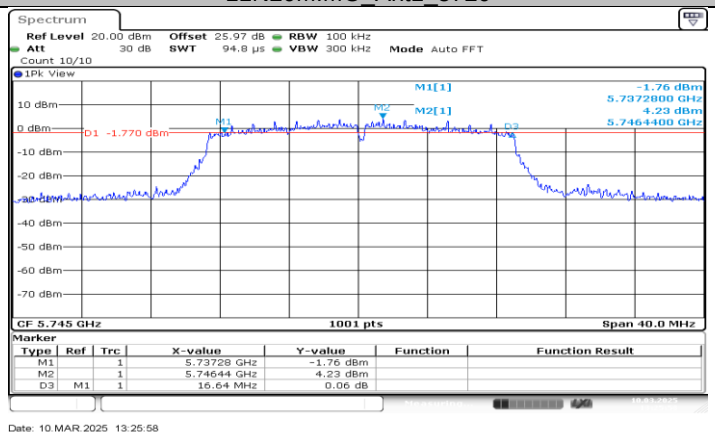

11A_Ant1_5825



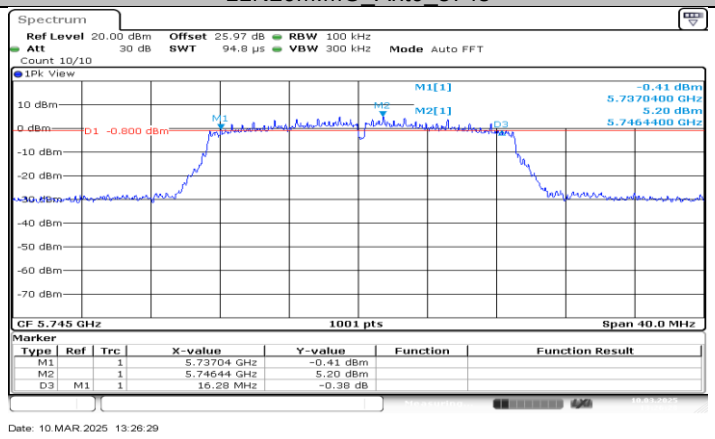

11N20MIMO_Ant0_5720



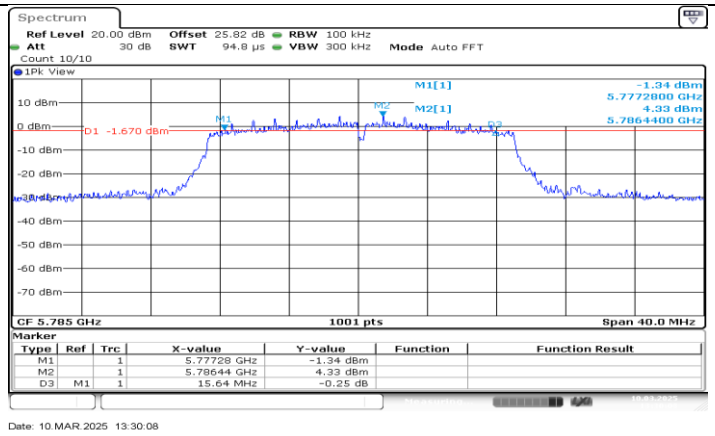

11N20MIMO_Ant1_5720



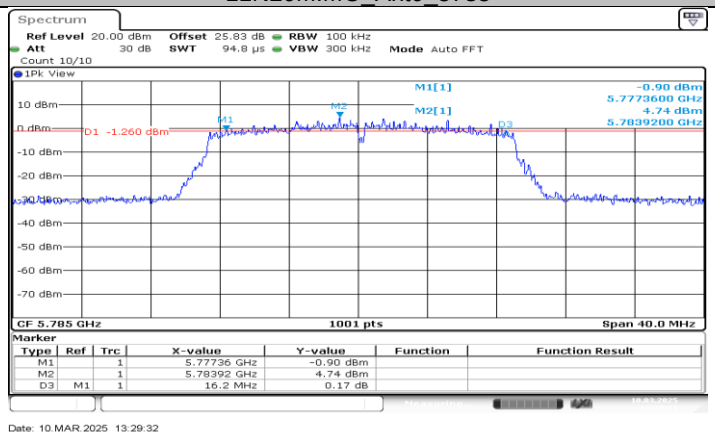

11N20MIMO_Ant0_5745



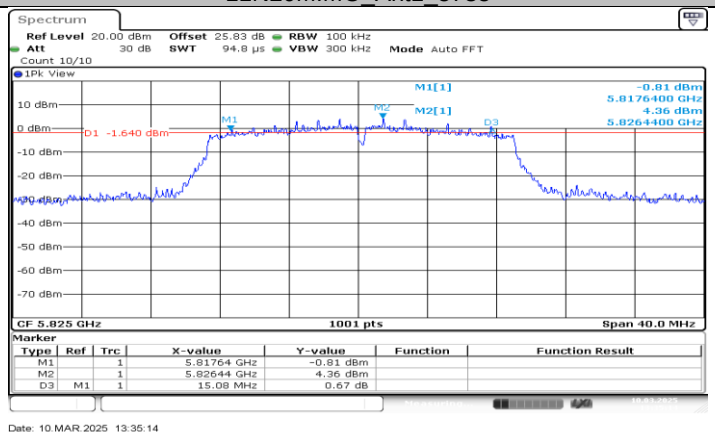

11N20MIMO_Ant1_5745



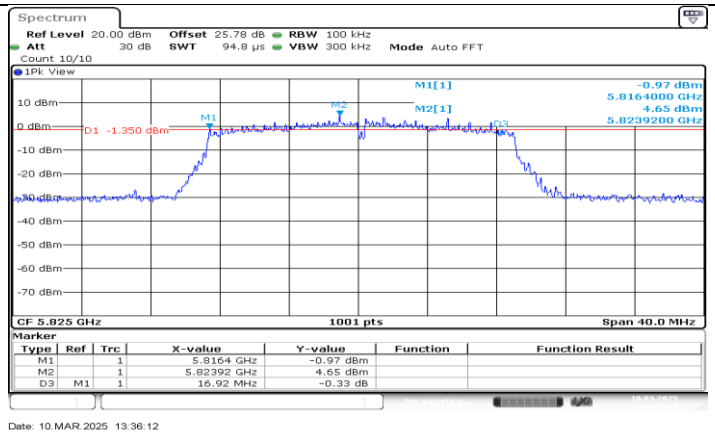

11N20MIMO_Ant0_5785



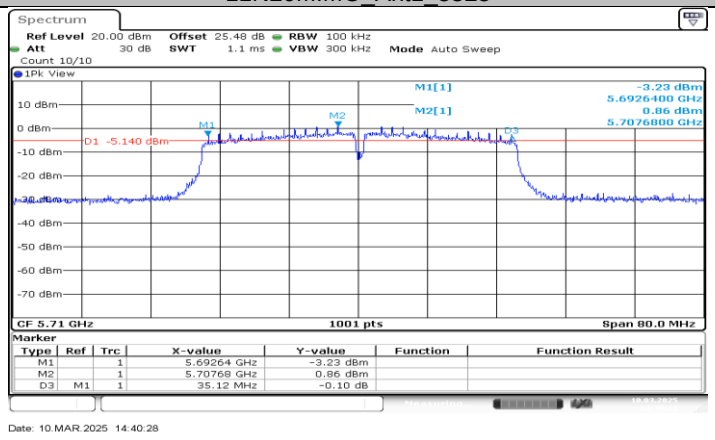

11N20MIMO_Ant1_5785



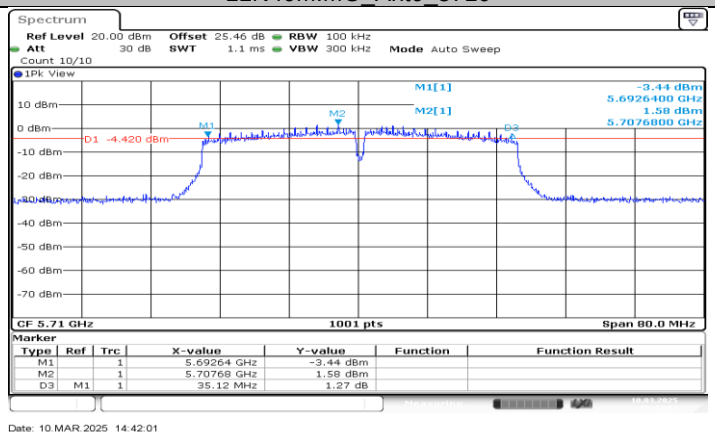

11N20MIMO_Ant0_5825



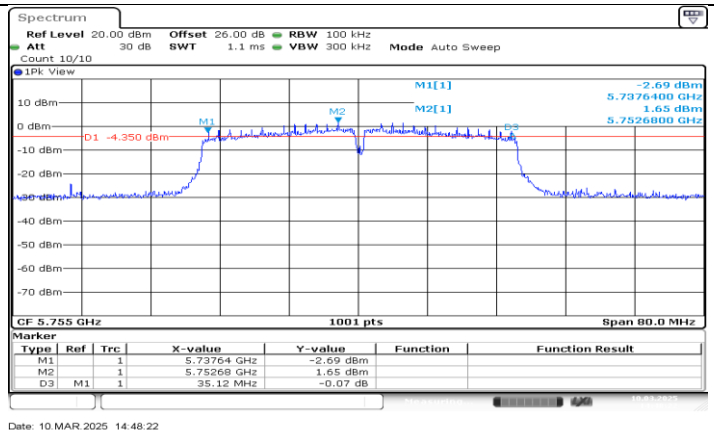

11N20MIMO_Ant1_5825



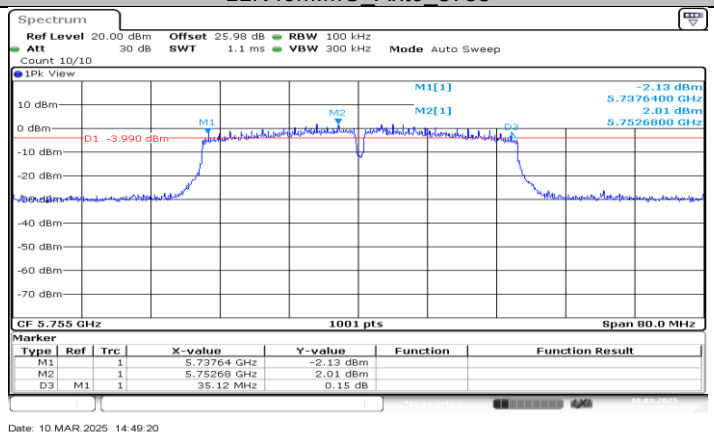

11N40MIMO_Ant0_5710



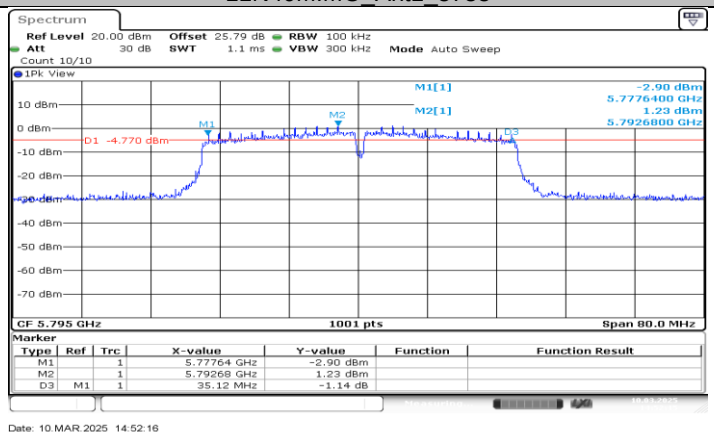

11N40MIMO_Ant1_5710



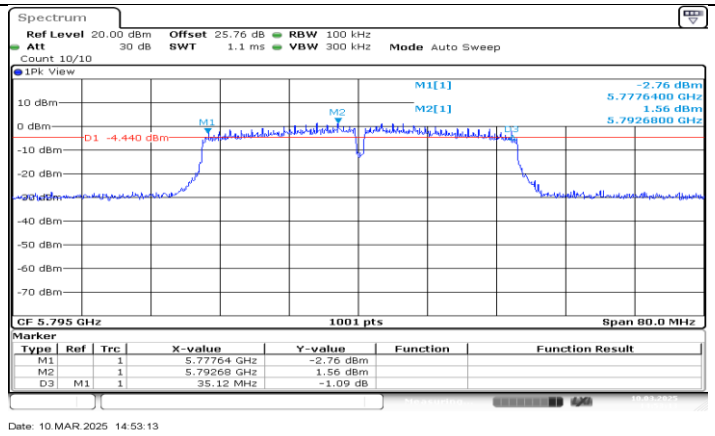

11N40MIMO_Ant0_5755



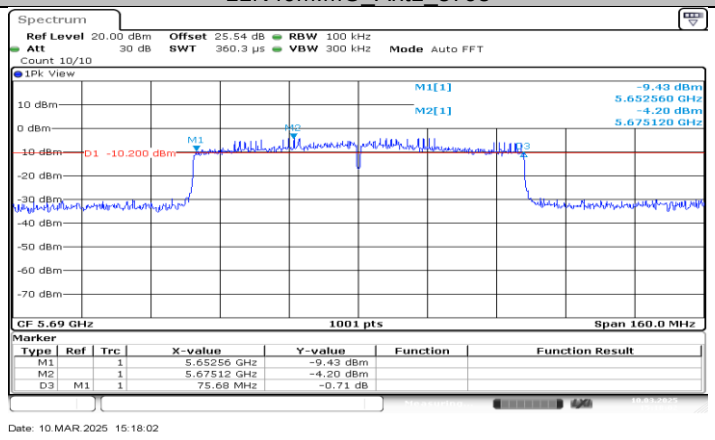

11N40MIMO_Ant1_5755



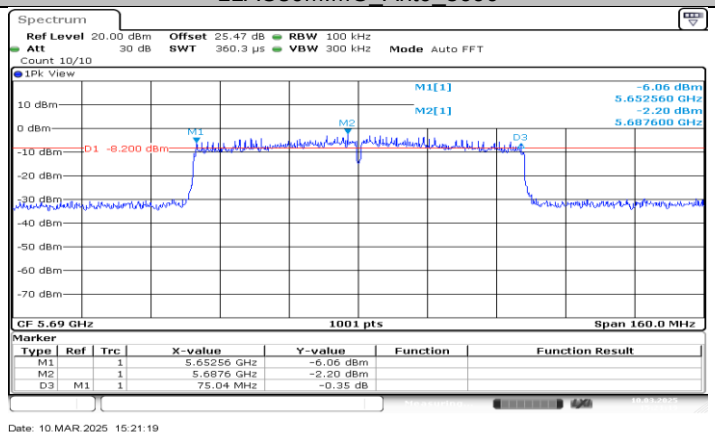

11N40MIMO_Ant0_5795



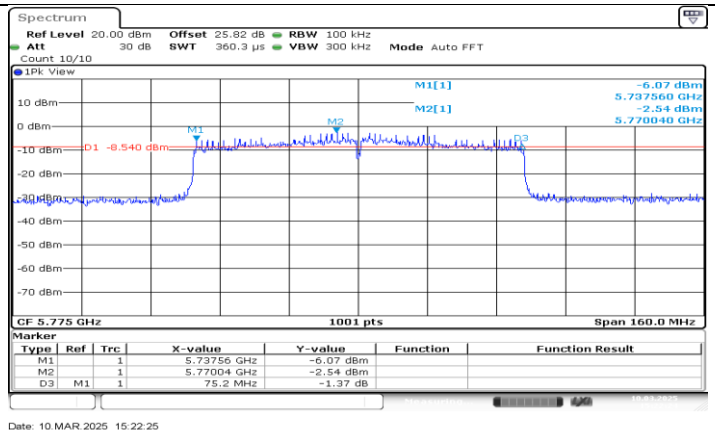

11N40MIMO_Ant1_5795



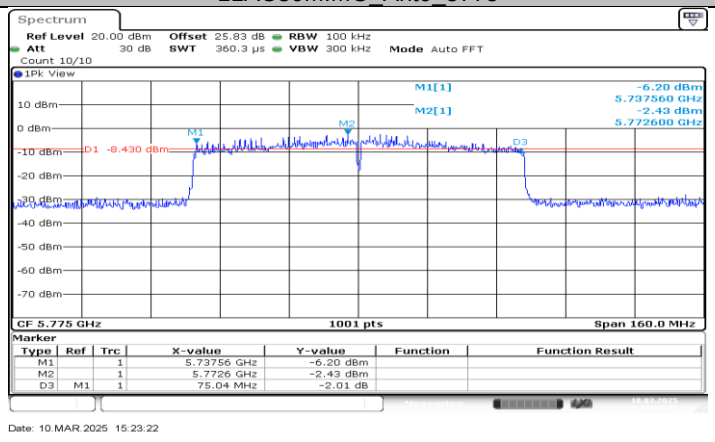

11AC80MIMO_Ant0_5690




11AC80MIMO_Ant1_5690




11AC80MIMO_Ant0_5775




11AC80MIMO_Ant1_5775

## 11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

### 11.4.1. Test Result

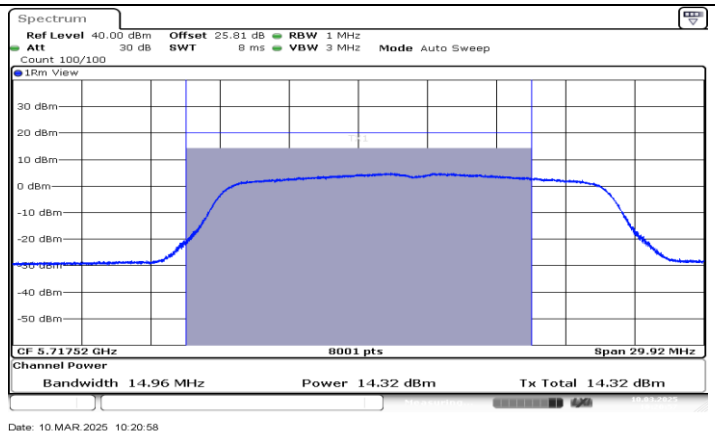
| Test Mode | Antenna | Frequency [MHz] | Power [dBm] | FCC Limit [dBm] | ISED Limit [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|---|---|---|---|---|---|---|---|---|
| 11A | Ant0 | 5180 | 15.20 | ≤23.98 | --- | 15.87 | ≤22.32 | PASS |
| | Ant1 | 5180 | 15.28 | ≤23.98 | --- | 16.49 | ≤22.32 | PASS |
| | Ant0 | 5200 | 14.99 | ≤23.98 | --- | 15.66 | ≤22.35 | PASS |
| | Ant1 | 5200 | 15.22 | ≤23.98 | --- | 16.43 | ≤22.34 | PASS |
| | Ant0 | 5240 | 14.55 | ≤23.98 | --- | 15.22 | ≤22.34 | PASS |
| | Ant1 | 5240 | 15.05 | ≤23.98 | --- | 16.26 | ≤22.35 | PASS |
| | Ant0 | 5260 | 15.69 | ≤23.98 | ≤23.33 | 16.36 | ≤29.33 | PASS |
| | Ant1 | 5260 | 15.86 | ≤23.98 | ≤23.35 | 17.07 | ≤29.35 | PASS |
| | Ant0 | 5280 | 15.74 | ≤23.98 | ≤23.35 | 16.41 | ≤29.35 | PASS |
| | Ant1 | 5280 | 16.07 | ≤23.98 | ≤23.34 | 17.28 | ≤29.34 | PASS |
| | Ant0 | 5320 | 15.81 | ≤23.98 | ≤23.35 | 16.48 | ≤29.35 | PASS |
| | Ant1 | 5320 | 16.29 | ≤23.95 | ≤23.34 | 17.50 | ≤29.34 | PASS |
| | Ant0 | 5500 | 15.21 | ≤23.97 | ≤23.34 | 15.88 | ≤29.34 | PASS |
| | Ant1 | 5500 | 15.62 | ≤23.93 | ≤23.35 | 16.83 | ≤29.35 | PASS |
| | Ant0 | 5580 | 15.07 | ≤23.93 | ≤23.35 | 15.74 | ≤29.35 | PASS |
| | Ant1 | 5580 | 15.72 | ≤23.98 | ≤23.35 | 16.93 | ≤29.35 | PASS |
| | Ant0 | 5700 | 14.85 | ≤23.93 | ≤23.34 | 15.52 | ≤29.34 | PASS |
| | Ant1 | 5700 | 15.30 | ≤23.98 | ≤23.36 | 16.51 | ≤29.36 | PASS |
| | Ant0 | 5720_UNII-2C | 14.32 | ≤22.75 | ≤22.32 | 14.99 | ≤28.32 | PASS |
| | Ant1 | 5720_UNII-2C | 14.72 | ≤22.73 | ≤22.33 | 15.93 | ≤28.33 | PASS |
| | Ant0 | 5720_UNII-3 | 6.60 | ≤30.00 | ≤30.00 | 7.27 | --- | PASS |
| | Ant1 | 5720_UNII-3 | 6.98 | ≤30.00 | ≤30.00 | 8.19 | --- | PASS |
| | Ant0 | 5745 | 15.39 | ≤30.00 | ≤30.00 | 16.06 | --- | PASS |
| | Ant1 | 5745 | 15.92 | ≤30.00 | ≤30.00 | 17.13 | --- | PASS |
| | Ant0 | 5785 | 15.11 | ≤30.00 | ≤30.00 | 15.78 | --- | PASS |
| | Ant1 | 5785 | 15.68 | ≤30.00 | ≤30.00 | 16.89 | --- | PASS |
| | Ant0 | 5825 | 14.92 | ≤30.00 | ≤30.00 | 15.59 | --- | PASS |
| | Ant1 | 5825 | 15.45 | ≤30.00 | ≤30.00 | 16.66 | --- | PASS |
| 11N20MIMO | Ant0 | 5180 | 12.45 | ≤23.98 | --- | 13.66 | ≤22.54 | PASS |
| | Ant1 | 5180 | 12.23 | ≤23.98 | --- | 13.44 | ≤22.50 | PASS |
| | total | 5180 | 15.35 | ≤23.98 | --- | 16.56 | ≤22.50 | PASS |
| | Ant0 | 5200 | 12.17 | ≤23.98 | --- | 13.38 | ≤22.56 | PASS |
| | Ant1 | 5200 | 12.19 | ≤23.98 | --- | 13.40 | ≤22.51 | PASS |
| | total | 5200 | 15.19 | ≤23.98 | --- | 16.40 | ≤22.51 | PASS |
| | Ant0 | 5240 | 12.44 | ≤23.98 | --- | 13.65 | ≤22.56 | PASS |
| | Ant1 | 5240 | 12.41 | ≤23.98 | --- | 13.62 | ≤22.50 | PASS |
| | total | 5240 | 15.44 | ≤23.98 | --- | 16.65 | ≤22.50 | PASS |
| | Ant0 | 5260 | 15.44 | ≤23.98 | ≤23.58 | 16.65 | ≤29.58 | PASS |
| | Ant1 | 5260 | 15.40 | ≤23.98 | ≤23.52 | 16.61 | ≤29.52 | PASS |
| | total | 5260 | 18.43 | ≤23.98 | ≤23.52 | 19.64 | ≤29.52 | PASS |
| | Ant0 | 5280 | 15.56 | ≤23.98 | ≤23.57 | 16.77 | ≤29.57 | PASS |
| | Ant1 | 5280 | 15.63 | ≤23.98 | ≤23.50 | 16.84 | ≤29.50 | PASS |
| | total | 5280 | 18.61 | ≤23.98 | ≤23.50 | 19.82 | ≤29.50 | PASS |
| | Ant0 | 5320 | 15.72 | ≤23.98 | ≤23.56 | 16.93 | ≤29.56 | PASS |
| | Ant1 | 5320 | 15.77 | ≤23.98 | ≤23.51 | 16.98 | ≤29.51 | PASS |
| | total | 5320 | 18.76 | ≤23.98 | ≤23.51 | 19.97 | ≤29.51 | PASS |
| | Ant0 | 5500 | 15.40 | ≤23.98 | ≤23.55 | 16.61 | ≤29.55 | PASS |
| | Ant1 | 5500 | 15.71 | ≤23.98 | ≤23.50 | 16.92 | ≤29.50 | PASS |
| | total | 5500 | 18.57 | ≤23.98 | ≤23.50 | 19.78 | ≤29.50 | PASS |
| | Ant0 | 5580 | 15.46 | ≤23.98 | ≤23.57 | 16.67 | ≤29.57 | PASS |
| | Ant1 | 5580 | 15.88 | ≤23.98 | ≤23.51 | 17.09 | ≤29.51 | PASS |
| | total | 5580 | 18.69 | ≤23.98 | ≤23.51 | 19.90 | ≤29.51 | PASS |
| | Ant0 | 5700 | 15.20 | ≤23.98 | ≤23.57 | 16.41 | ≤29.57 | PASS |
| | Ant1 | 5700 | 15.54 | ≤23.98 | ≤23.50 | 16.75 | ≤29.50 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | total | 5700 | 18.38 | ≤23.98 | ≤23.50 | 19.59 | ≤29.50 | PASS |
| | Ant0 | 5720_UNII-2C | 14.59 | ≤22.75 | ≤22.42 | 15.80 | ≤28.42 | PASS |
| | Ant1 | 5720_UNII-2C | 14.79 | ≤22.74 | ≤22.37 | 16.00 | ≤28.37 | PASS |
| | total | 5720_UNII-2C | 17.70 | ≤23.98 | ≤22.37 | 18.91 | ≤28.37 | PASS |
| | Ant0 | 5720_UNII-3 | 7.66 | ≤30.00 | ≤30.00 | 8.87 | --- | PASS |
| | Ant1 | 5720_UNII-3 | 7.84 | ≤30.00 | ≤30.00 | 9.05 | --- | PASS |
| | total | 5720_UNII-3 | 10.76 | ≤30.00 | ≤30.00 | 11.97 | --- | PASS |
| | Ant0 | 5745 | 15.79 | ≤30.00 | ≤30.00 | 17.00 | --- | PASS |
| | Ant1 | 5745 | 15.95 | ≤30.00 | ≤30.00 | 17.16 | --- | PASS |
| | total | 5745 | 18.88 | ≤30.00 | ≤30.00 | 20.09 | --- | PASS |
| | Ant0 | 5785 | 15.59 | ≤30.00 | ≤30.00 | 16.80 | --- | PASS |
| | Ant1 | 5785 | 15.79 | ≤30.00 | ≤30.00 | 17.00 | --- | PASS |
| | total | 5785 | 18.70 | ≤30.00 | ≤30.00 | 19.91 | --- | PASS |
| | Ant0 | 5825 | 15.33 | ≤30.00 | ≤30.00 | 16.54 | --- | PASS |
| | Ant1 | 5825 | 15.64 | ≤30.00 | ≤30.00 | 16.85 | --- | PASS |
| | total | 5825 | 18.50 | ≤30.00 | ≤30.00 | 19.71 | --- | PASS |
| 11N40MIMO | Ant0 | 5190 | 15.22 | ≤23.98 | --- | 16.43 | ≤23.00 | PASS |
| | Ant1 | 5190 | 15.35 | ≤23.98 | --- | 16.56 | ≤23.00 | PASS |
| | total | 5190 | 18.30 | ≤23.98 | --- | 19.51 | ≤23.00 | PASS |
| | Ant0 | 5230 | 15.08 | ≤23.98 | --- | 16.29 | ≤23.00 | PASS |
| | Ant1 | 5230 | 15.22 | ≤23.98 | --- | 16.43 | ≤23.00 | PASS |
| | total | 5230 | 18.16 | ≤23.98 | --- | 19.37 | ≤23.00 | PASS |
| | Ant0 | 5270 | 15.00 | ≤23.98 | ≤23.98 | 16.21 | ≤30.00 | PASS |
| | Ant1 | 5270 | 15.04 | ≤23.98 | ≤23.98 | 16.25 | ≤30.00 | PASS |
| | total | 5270 | 18.03 | ≤23.98 | ≤23.98 | 19.24 | ≤30.00 | PASS |
| | Ant0 | 5310 | 15.32 | ≤23.98 | ≤23.98 | 16.53 | ≤30.00 | PASS |
| | Ant1 | 5310 | 15.39 | ≤23.98 | ≤23.98 | 16.60 | ≤30.00 | PASS |
| | total | 5310 | 18.37 | ≤23.98 | ≤23.98 | 19.58 | ≤30.00 | PASS |
| | Ant0 | 5510 | 15.27 | ≤23.98 | ≤23.98 | 16.48 | ≤30.00 | PASS |
| | Ant1 | 5510 | 15.42 | ≤23.98 | ≤23.98 | 16.63 | ≤30.00 | PASS |
| | total | 5510 | 18.36 | ≤23.98 | ≤23.98 | 19.57 | ≤30.00 | PASS |
| | Ant0 | 5550 | 15.46 | ≤23.98 | ≤23.98 | 16.67 | ≤30.00 | PASS |
| | Ant1 | 5550 | 15.73 | ≤23.98 | ≤23.98 | 16.94 | ≤30.00 | PASS |
| | total | 5550 | 18.61 | ≤23.98 | ≤23.98 | 19.82 | ≤30.00 | PASS |
| | Ant0 | 5670 | 14.98 | ≤23.98 | ≤23.98 | 16.19 | ≤30.00 | PASS |
| | Ant1 | 5670 | 15.35 | ≤23.98 | ≤23.98 | 16.56 | ≤30.00 | PASS |
| | total | 5670 | 18.18 | ≤23.98 | ≤23.98 | 19.39 | ≤30.00 | PASS |
| | Ant0 | 5710_UNII-2C | 14.55 | ≤23.98 | ≤23.98 | 15.76 | ≤30.00 | PASS |
| | Ant1 | 5710_UNII-2C | 14.84 | ≤23.98 | ≤23.98 | 16.05 | ≤30.00 | PASS |
| | total | 5710_UNII-2C | 17.71 | ≤23.98 | ≤23.98 | 18.92 | ≤30.00 | PASS |
| | Ant0 | 5710_UNII-3 | 2.48 | ≤30.00 | ≤30.00 | 3.69 | --- | PASS |
| | Ant1 | 5710_UNII-3 | 2.71 | ≤30.00 | ≤30.00 | 3.92 | --- | PASS |
| | total | 5710_UNII-3 | 5.61 | ≤30.00 | ≤30.00 | 6.82 | --- | PASS |
| | Ant0 | 5755 | 15.45 | ≤30.00 | ≤30.00 | 16.66 | --- | PASS |
| | Ant1 | 5755 | 15.63 | ≤30.00 | ≤30.00 | 16.84 | --- | PASS |
| | total | 5755 | 18.55 | ≤30.00 | ≤30.00 | 19.76 | --- | PASS |
| | Ant0 | 5795 | 15.02 | ≤30.00 | ≤30.00 | 16.23 | --- | PASS |
| | Ant1 | 5795 | 15.26 | ≤30.00 | ≤30.00 | 16.47 | --- | PASS |
| | total | 5795 | 18.15 | ≤30.00 | ≤30.00 | 19.36 | --- | PASS |
| 11AC80MIMO | Ant0 | 5210 | 14.75 | ≤23.98 | --- | 15.96 | ≤23.00 | PASS |
| | Ant1 | 5210 | 14.61 | ≤23.98 | --- | 15.82 | ≤23.00 | PASS |
| | total | 5210 | 17.69 | ≤23.98 | --- | 18.90 | ≤23.00 | PASS |
| | Ant0 | 5290 | 15.18 | ≤23.98 | ≤23.98 | 16.39 | ≤30.00 | PASS |
| | Ant1 | 5290 | 15.05 | ≤23.98 | ≤23.98 | 16.26 | ≤30.00 | PASS |
| | total | 5290 | 18.13 | ≤23.98 | ≤23.98 | 19.34 | ≤30.00 | PASS |
| | Ant0 | 5530 | 11.48 | ≤23.98 | ≤23.98 | 12.69 | ≤30.00 | PASS |
| | Ant1 | 5530 | 11.78 | ≤23.98 | ≤23.98 | 12.99 | ≤30.00 | PASS |
| | total | 5530 | 14.64 | ≤23.98 | ≤23.98 | 15.85 | ≤30.00 | PASS |
| | Ant0 | 5610 | 11.69 | ≤23.98 | ≤23.98 | 12.90 | ≤30.00 | PASS |
| | Ant1 | 5610 | 12.14 | ≤23.98 | ≤23.98 | 13.35 | ≤30.00 | PASS |

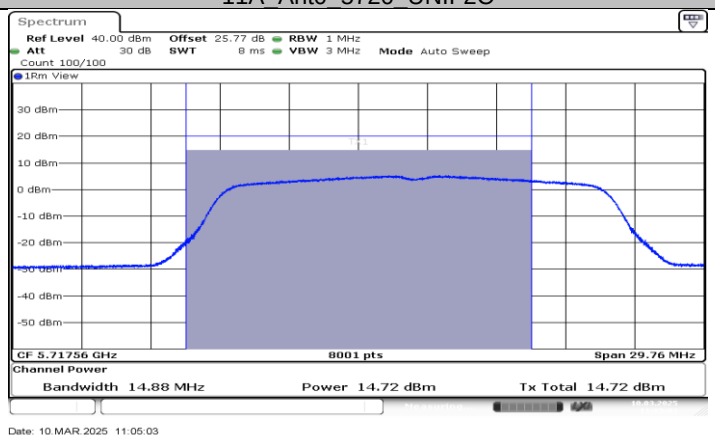
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | total | 5610 | 14.93 | ≤23.98 | ≤23.98 | 16.14 | ≤30.00 | PASS |
| | Ant0 | 5690_UNII-2C | 11.69 | ≤23.98 | ≤23.98 | 12.90 | ≤30.00 | PASS |
| | Ant1 | 5690_UNII-2C | 11.81 | ≤23.98 | ≤23.98 | 13.02 | ≤30.00 | PASS |
| | total | 5690_UNII-2C | 14.76 | ≤23.98 | ≤23.98 | 15.97 | ≤30.00 | PASS |
| | Ant0 | 5690_UNII-3 | -3.80 | ≤30.00 | ≤30.00 | -2.59 | --- | PASS |
| | Ant1 | 5690_UNII-3 | -3.47 | ≤30.00 | ≤30.00 | -2.26 | --- | PASS |
| | total | 5690_UNII-3 | -0.62 | ≤30.00 | ≤30.00 | 0.59 | --- | PASS |
| | Ant0 | 5775 | 14.51 | ≤30.00 | ≤30.00 | 15.72 | --- | PASS |
| | Ant1 | 5775 | 14.60 | ≤30.00 | ≤30.00 | 15.81 | --- | PASS |
| | total | 5775 | 17.57 | ≤30.00 | ≤30.00 | 18.78 | --- | PASS |

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

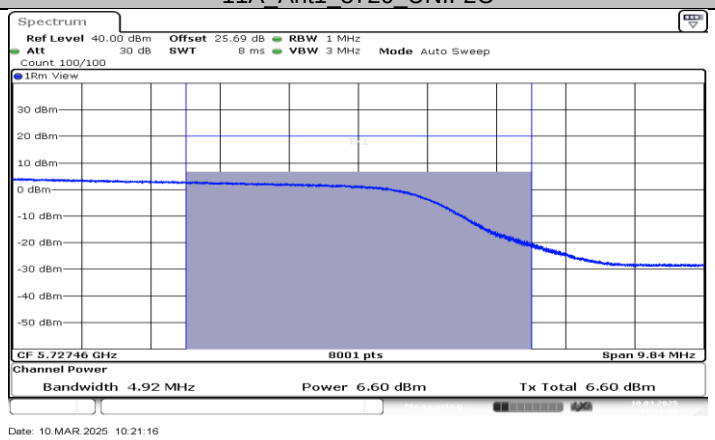
## 11.4.2. Test Graphs



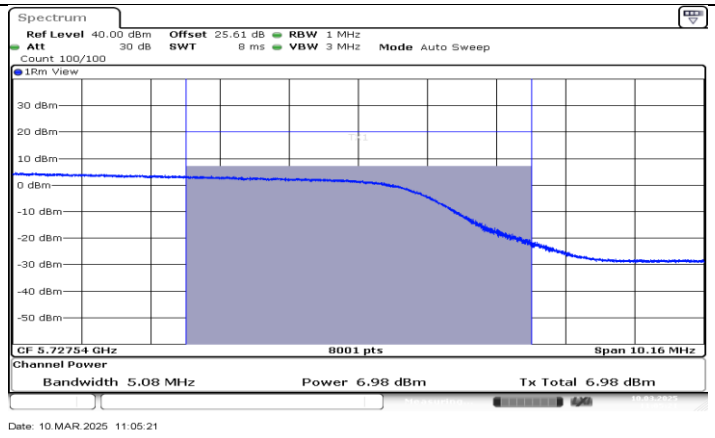

11A_Ant0_5720_UNII-2C



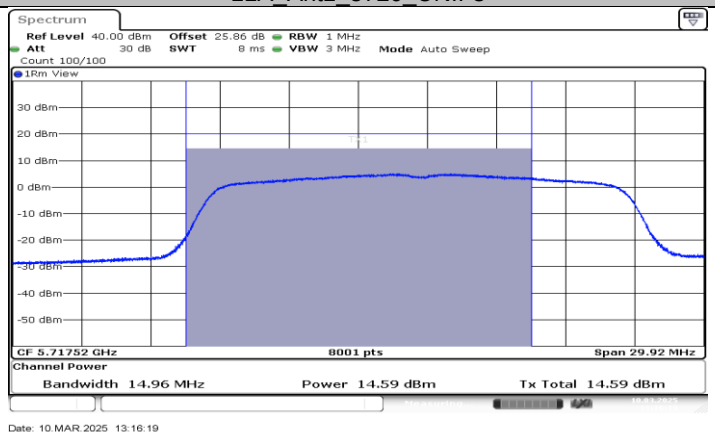

11A_Ant1_5720_UNII-2C



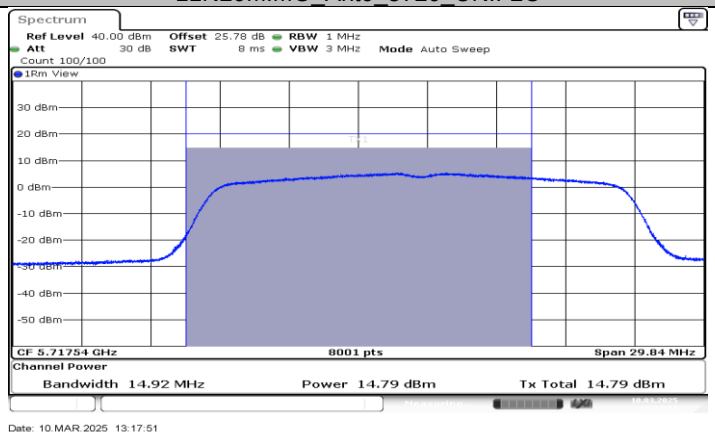

11A_Ant0_5720_UNII-3



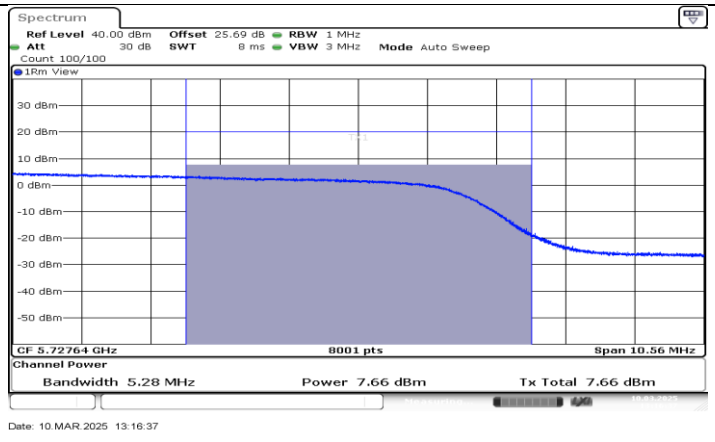

11A_Ant1_5720_UNII-3



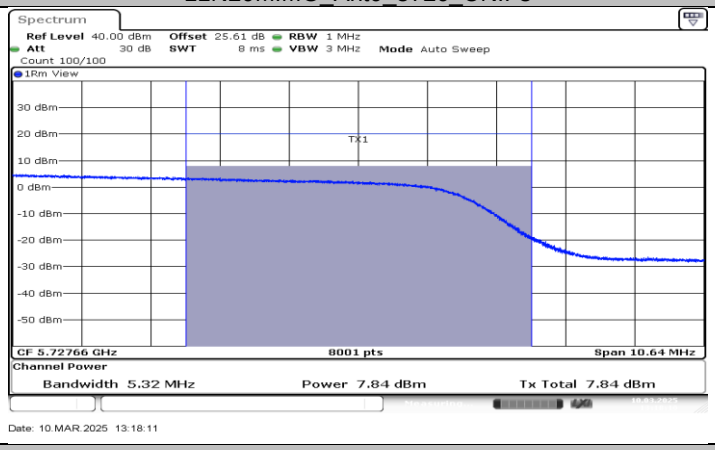

11N20MIMO_Ant0_5720_UNII-2C




11N20MIMO_Ant1_5720_UNII-2C

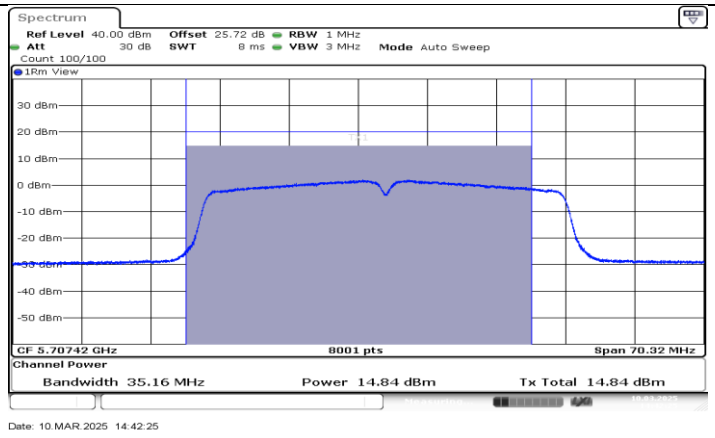



11N20MIMO_Ant0_5720_UNII-3

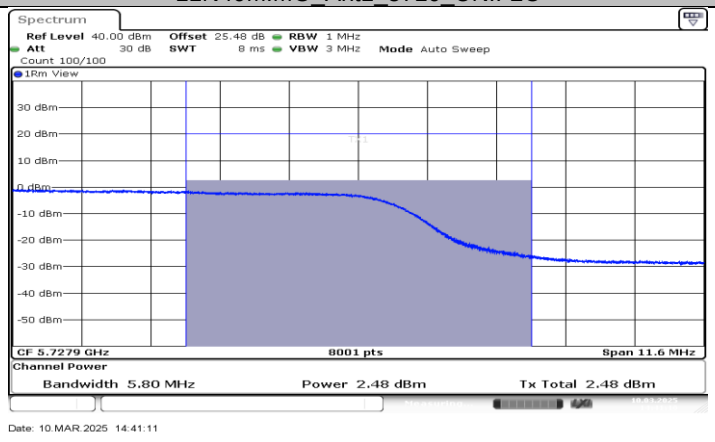



11N20MIMO_Ant1_5720_UNII-3

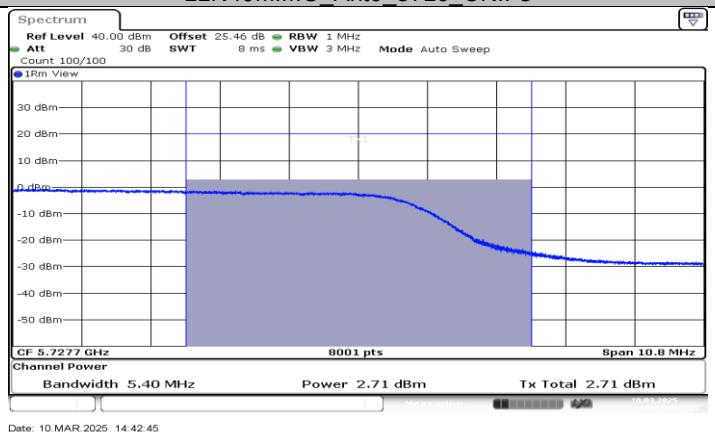

11N40MIMO_Ant0_5710_UNII-2C



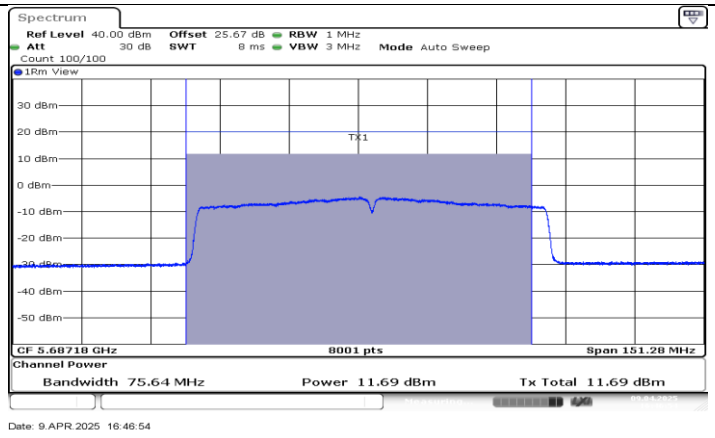

11N40MIMO_Ant1_5710_UNII-2C



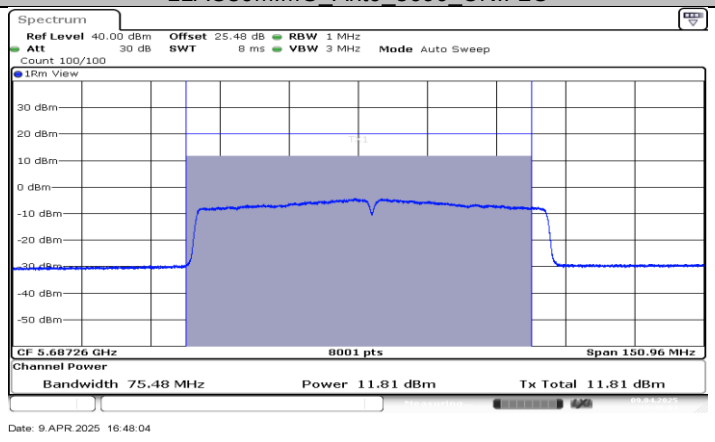

11N40MIMO_Ant0_5710_UNII-3



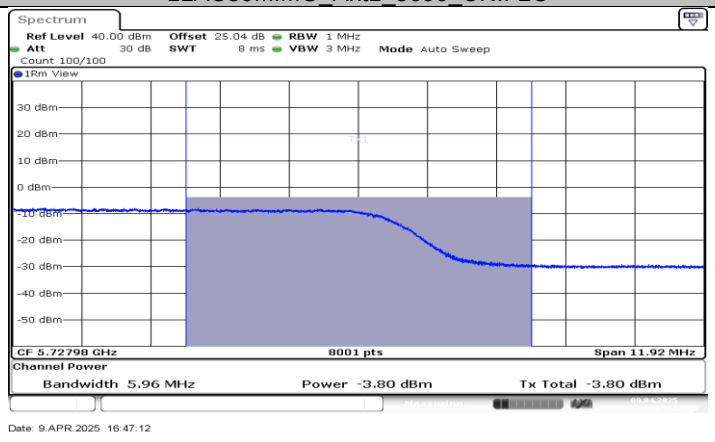

11N40MIMO_Ant1_5710_UNII-3



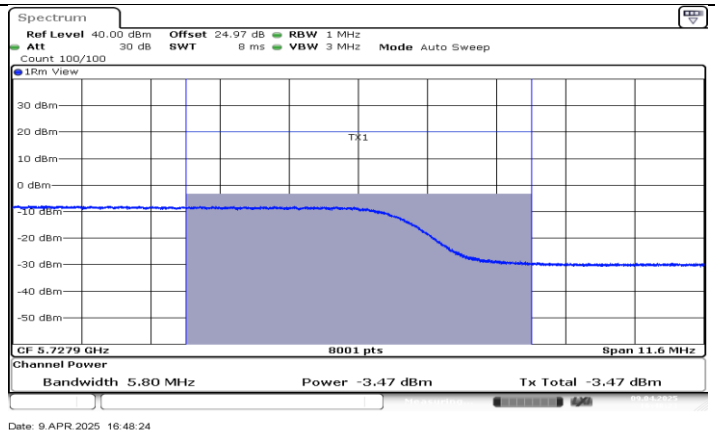

11AC80MIMO_Ant0_5690_UNII-2C




11AC80MIMO_Ant1_5690_UNII-2C




11AC80MIMO_Ant0_5690_UNII-3




11AC80MIMO_Ant1_5690_UNII-3

## 11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

### 11.5.1. Test Result

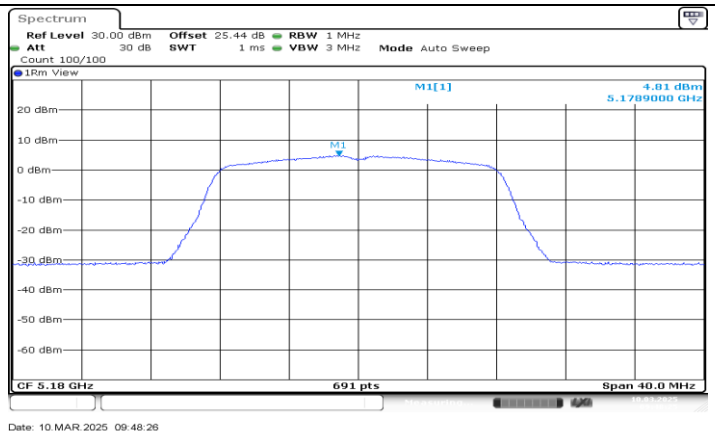
| Test Mode | Antenna | Frequency[MHz] | Power [dBm/MHz] | Limit [dBm/MHz] | EIRP [dBm/MHz] | Limit [dBm/MHz] | Verdict |
|---|---|---|---|---|---|---|---|
| 11A | Ant0 | 5180 | 4.81 | ≤11.00 | 5.48 | ≤10.00 | PASS |
| | Ant1 | 5180 | 4.98 | ≤11.00 | 6.19 | ≤10.00 | PASS |
| | Ant0 | 5200 | 4.72 | ≤11.00 | 5.39 | ≤10.00 | PASS |
| | Ant1 | 5200 | 5.10 | ≤11.00 | 6.31 | ≤10.00 | PASS |
| | Ant0 | 5240 | 4.16 | ≤11.00 | 4.83 | ≤10.00 | PASS |
| | Ant1 | 5240 | 4.66 | ≤11.00 | 5.87 | ≤10.00 | PASS |
| | Ant0 | 5260 | 5.35 | ≤11.00 | 6.02 | --- | PASS |
| | Ant1 | 5260 | 5.76 | ≤11.00 | 6.97 | --- | PASS |
| | Ant0 | 5280 | 5.54 | ≤11.00 | 6.21 | --- | PASS |
| | Ant1 | 5280 | 5.72 | ≤11.00 | 6.93 | --- | PASS |
| | Ant0 | 5320 | 5.63 | ≤11.00 | 6.30 | --- | PASS |
| | Ant1 | 5320 | 5.94 | ≤11.00 | 7.15 | --- | PASS |
| | Ant0 | 5500 | 5.07 | ≤11.00 | 5.74 | --- | PASS |
| | Ant1 | 5500 | 5.25 | ≤11.00 | 6.46 | --- | PASS |
| | Ant0 | 5580 | 4.75 | ≤11.00 | 5.42 | --- | PASS |
| | Ant1 | 5580 | 5.50 | ≤11.00 | 6.71 | --- | PASS |
| | Ant0 | 5700 | 4.47 | ≤11.00 | 5.14 | --- | PASS |
| | Ant1 | 5700 | 5.16 | ≤11.00 | 6.37 | --- | PASS |
| | Ant0 | 5720_UNII-2C | 4.62 | ≤11.00 | 5.29 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 5.07 | ≤11.00 | 6.28 | --- | PASS |
| | Ant0 | 5720_UNII-3 | -0.27 | ≤30.00 | 0.40 | --- | PASS |
| | Ant1 | 5720_UNII-3 | 0.27 | ≤30.00 | 1.48 | --- | PASS |
| | Ant0 | 5745 | 2.25 | ≤30.00 | 2.92 | --- | PASS |
| | Ant1 | 5745 | 2.68 | ≤30.00 | 3.89 | --- | PASS |
| | Ant0 | 5785 | 1.93 | ≤30.00 | 2.60 | --- | PASS |
| | Ant1 | 5785 | 2.47 | ≤30.00 | 3.68 | --- | PASS |
| | Ant0 | 5825 | 1.82 | ≤30.00 | 2.49 | --- | PASS |
| | Ant1 | 5825 | 2.58 | ≤30.00 | 3.79 | --- | PASS |
| 11N20MIMO | Ant0 | 5180 | 1.95 | ≤11.00 | 3.16 | ≤10.00 | PASS |
| | Ant1 | 5180 | 1.65 | ≤11.00 | 2.86 | ≤10.00 | PASS |
| | total | 5180 | 4.81 | ≤11.00 | 9.03 | ≤10.00 | PASS |
| | Ant0 | 5200 | 1.69 | ≤11.00 | 2.90 | ≤10.00 | PASS |
| | Ant1 | 5200 | 1.58 | ≤11.00 | 2.79 | ≤10.00 | PASS |
| | total | 5200 | 4.65 | ≤11.00 | 8.87 | ≤10.00 | PASS |
| | Ant0 | 5240 | 1.85 | ≤11.00 | 3.06 | ≤10.00 | PASS |
| | Ant1 | 5240 | 1.90 | ≤11.00 | 3.11 | ≤10.00 | PASS |
| | total | 5240 | 4.89 | ≤11.00 | 9.11 | ≤10.00 | PASS |
| | Ant0 | 5260 | 5.04 | ≤11.00 | 6.25 | --- | PASS |
| | Ant1 | 5260 | 4.85 | ≤11.00 | 6.06 | --- | PASS |
| | total | 5260 | 7.96 | ≤11.00 | 12.18 | --- | PASS |
| | Ant0 | 5280 | 5.18 | ≤11.00 | 6.39 | --- | PASS |
| | Ant1 | 5280 | 5.12 | ≤11.00 | 6.33 | --- | PASS |
| | total | 5280 | 8.16 | ≤11.00 | 12.38 | --- | PASS |
| | Ant0 | 5320 | 5.07 | ≤11.00 | 6.28 | --- | PASS |
| | Ant1 | 5320 | 5.30 | ≤11.00 | 6.51 | --- | PASS |
| | total | 5320 | 8.20 | ≤11.00 | 12.42 | --- | PASS |
| | Ant0 | 5500 | 4.90 | ≤11.00 | 6.11 | --- | PASS |
| | Ant1 | 5500 | 5.16 | ≤11.00 | 6.37 | --- | PASS |
| | total | 5500 | 8.04 | ≤11.00 | 12.26 | --- | PASS |
| | Ant0 | 5580 | 5.03 | ≤11.00 | 6.24 | --- | PASS |
| | Ant1 | 5580 | 5.31 | ≤11.00 | 6.52 | --- | PASS |
| | total | 5580 | 8.18 | ≤11.00 | 12.40 | --- | PASS |
| | Ant0 | 5700 | 4.71 | ≤11.00 | 5.92 | --- | PASS |
| | Ant1 | 5700 | 5.05 | ≤11.00 | 6.26 | --- | PASS |
| | total | 5700 | 7.89 | ≤11.00 | 12.11 | --- | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Ant0 | 5720_UNII-2C | 4.75 | ≤11.00 | 5.96 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 5.22 | ≤11.00 | 6.43 | --- | PASS |
| | total | 5720_UNII-2C | 8.00 | ≤11.00 | 12.22 | --- | PASS |
| | Ant0 | 5720_UNII-3 | 0.58 | ≤30.00 | 1.79 | --- | PASS |
| | Ant1 | 5720_UNII-3 | 0.60 | ≤30.00 | 1.81 | --- | PASS |
| | total | 5720_UNII-3 | 3.60 | ≤30.00 | 7.82 | --- | PASS |
| | Ant0 | 5745 | 2.68 | ≤30.00 | 3.89 | --- | PASS |
| | Ant1 | 5745 | 2.67 | ≤30.00 | 3.88 | --- | PASS |
| | total | 5745 | 5.69 | ≤30.00 | 9.91 | --- | PASS |
| | Ant0 | 5785 | 2.21 | ≤30.00 | 3.42 | --- | PASS |
| | Ant1 | 5785 | 2.24 | ≤30.00 | 3.45 | --- | PASS |
| | total | 5785 | 5.24 | ≤30.00 | 9.46 | --- | PASS |
| | Ant0 | 5825 | 1.92 | ≤30.00 | 3.13 | --- | PASS |
| | Ant1 | 5825 | 2.47 | ≤30.00 | 3.68 | --- | PASS |
| | total | 5825 | 5.21 | ≤30.00 | 9.43 | --- | PASS |
| 11N40MIMO | Ant0 | 5190 | 1.78 | ≤11.00 | 2.99 | ≤10.00 | PASS |
| | Ant1 | 5190 | 1.72 | ≤11.00 | 2.93 | ≤10.00 | PASS |
| | total | 5190 | 4.76 | ≤11.00 | 8.98 | ≤10.00 | PASS |
| | Ant0 | 5230 | 1.66 | ≤11.00 | 2.87 | ≤10.00 | PASS |
| | Ant1 | 5230 | 1.56 | ≤11.00 | 2.77 | ≤10.00 | PASS |
| | total | 5230 | 4.62 | ≤11.00 | 8.84 | ≤10.00 | PASS |
| | Ant0 | 5270 | 1.60 | ≤11.00 | 2.81 | --- | PASS |
| | Ant1 | 5270 | 1.71 | ≤11.00 | 2.92 | --- | PASS |
| | total | 5270 | 4.67 | ≤11.00 | 8.89 | --- | PASS |
| | Ant0 | 5310 | 1.83 | ≤11.00 | 3.04 | --- | PASS |
| | Ant1 | 5310 | 1.99 | ≤11.00 | 3.20 | --- | PASS |
| | total | 5310 | 4.92 | ≤11.00 | 9.14 | --- | PASS |
| | Ant0 | 5510 | 1.63 | ≤11.00 | 2.84 | --- | PASS |
| | Ant1 | 5510 | 2.11 | ≤11.00 | 3.32 | --- | PASS |
| | total | 5510 | 4.89 | ≤11.00 | 9.11 | --- | PASS |
| | Ant0 | 5550 | 2.11 | ≤11.00 | 3.32 | --- | PASS |
| | Ant1 | 5550 | 2.43 | ≤11.00 | 3.64 | --- | PASS |
| | total | 5550 | 5.28 | ≤11.00 | 9.50 | --- | PASS |
| | Ant0 | 5670 | 1.52 | ≤11.00 | 2.73 | --- | PASS |
| | Ant1 | 5670 | 1.76 | ≤11.00 | 2.97 | --- | PASS |
| | total | 5670 | 4.65 | ≤11.00 | 8.87 | --- | PASS |
| | Ant0 | 5710_UNII-2C | 1.36 | ≤11.00 | 2.57 | --- | PASS |
| | Ant1 | 5710_UNII-2C | 1.63 | ≤11.00 | 2.84 | --- | PASS |
| | total | 5710_UNII-2C | 4.51 | ≤11.00 | 8.73 | --- | PASS |
| | Ant0 | 5710_UNII-3 | -4.66 | ≤30.00 | -3.45 | --- | PASS |
| | Ant1 | 5710_UNII-3 | -4.38 | ≤30.00 | -3.17 | --- | PASS |
| | total | 5710_UNII-3 | -1.51 | ≤30.00 | 2.71 | --- | PASS |
| | Ant0 | 5755 | -0.84 | ≤30.00 | 0.37 | --- | PASS |
| | Ant1 | 5755 | -0.70 | ≤30.00 | 0.51 | --- | PASS |
| | total | 5755 | 2.24 | ≤30.00 | 6.46 | --- | PASS |
| | Ant0 | 5795 | -1.41 | ≤30.00 | -0.20 | --- | PASS |
| | Ant1 | 5795 | -1.09 | ≤30.00 | 0.12 | --- | PASS |
| | total | 5795 | 1.76 | ≤30.00 | 5.98 | --- | PASS |
| 11AC80MIMO | Ant0 | 5210 | -1.83 | ≤11.00 | -0.62 | ≤10.00 | PASS |
| | Ant1 | 5210 | -2.07 | ≤11.00 | -0.86 | ≤10.00 | PASS |
| | total | 5210 | 1.06 | ≤11.00 | 5.28 | ≤10.00 | PASS |
| | Ant0 | 5290 | -1.24 | ≤11.00 | -0.03 | --- | PASS |
| | Ant1 | 5290 | -1.40 | ≤11.00 | -0.19 | --- | PASS |
| | total | 5290 | 1.69 | ≤11.00 | 5.91 | --- | PASS |
| | Ant0 | 5530 | -4.89 | ≤11.00 | -3.68 | --- | PASS |
| | Ant1 | 5530 | -4.42 | ≤11.00 | -3.21 | --- | PASS |
| | total | 5530 | -1.64 | ≤11.00 | 2.58 | --- | PASS |
| | Ant0 | 5610 | -4.92 | ≤11.00 | -3.71 | --- | PASS |
| | Ant1 | 5610 | -4.52 | ≤11.00 | -3.31 | --- | PASS |
| | total | 5610 | -1.71 | ≤11.00 | 2.51 | --- | PASS |

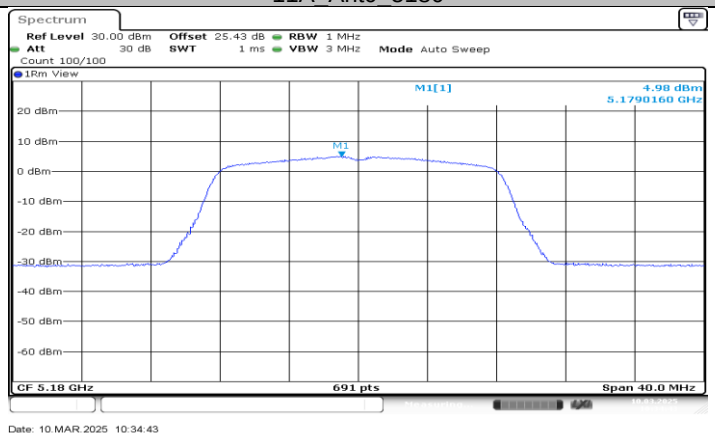
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Ant0 | 5690_UNII-2C | -5.05 | ≤11.00 | -3.84 | --- | PASS |
| | Ant1 | 5690_UNII-2C | -4.50 | ≤11.00 | -3.29 | --- | PASS |
| | total | 5690_UNII-2C | -1.76 | ≤11.00 | 2.46 | --- | PASS |
| | Ant0 | 5690_UNII-3 | -11.39 | ≤30.00 | -10.18 | --- | PASS |
| | Ant1 | 5690_UNII-3 | -10.44 | ≤30.00 | -9.23 | --- | PASS |
| | total | 5690_UNII-3 | -7.88 | ≤30.00 | -3.66 | --- | PASS |
| | Ant0 | 5775 | -4.69 | ≤30.00 | -3.48 | --- | PASS |
| | Ant1 | 5775 | -4.85 | ≤30.00 | -3.64 | --- | PASS |
| | total | 5775 | -1.76 | ≤30.00 | 2.46 | --- | PASS |

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.

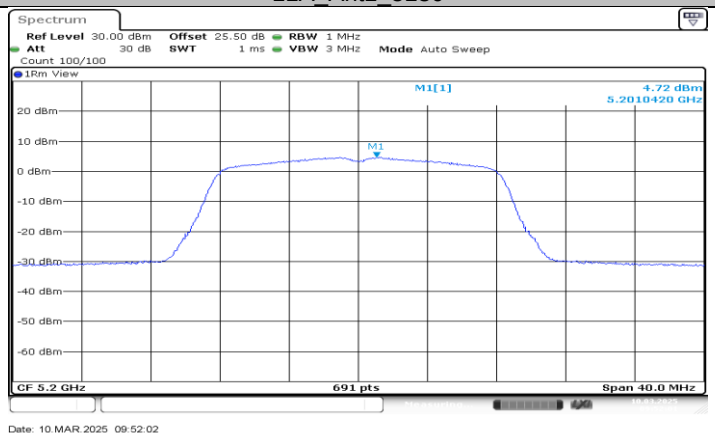
## 11.5.2. Test Graphs



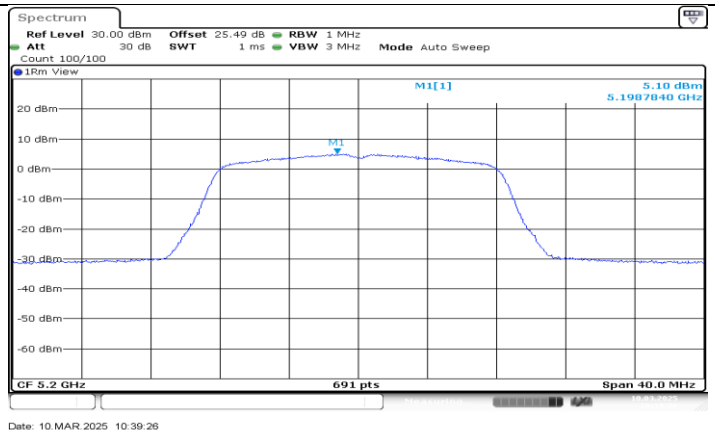

11A_Ant0_5180



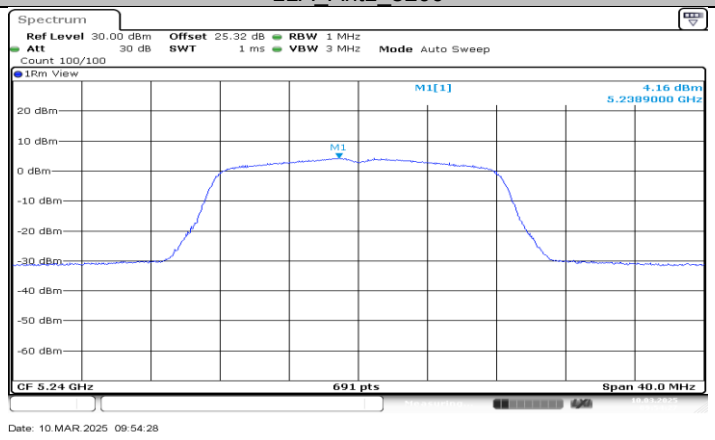

11A_Ant1_5180



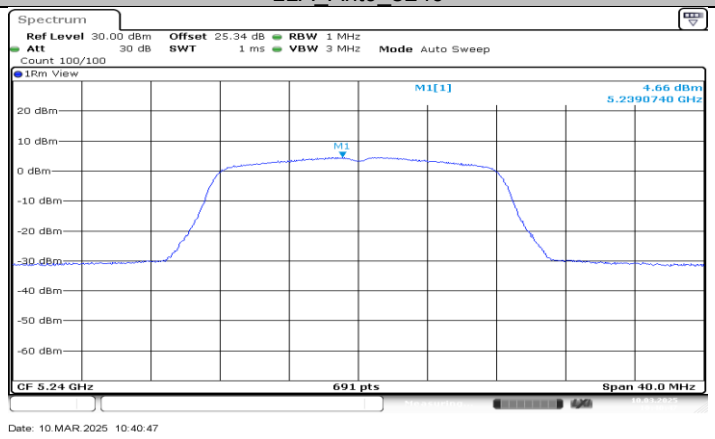

11A_Ant0_5200



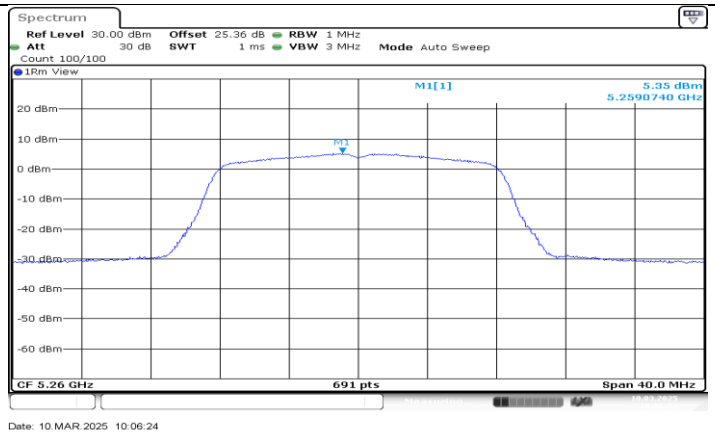

11A_Ant1_5200



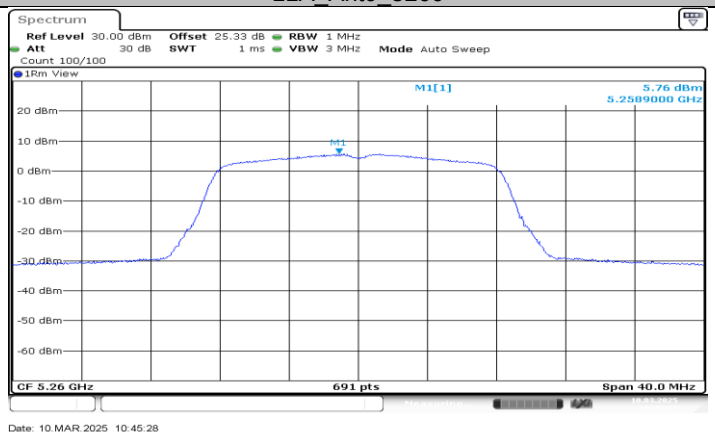

11A_Ant0_5240



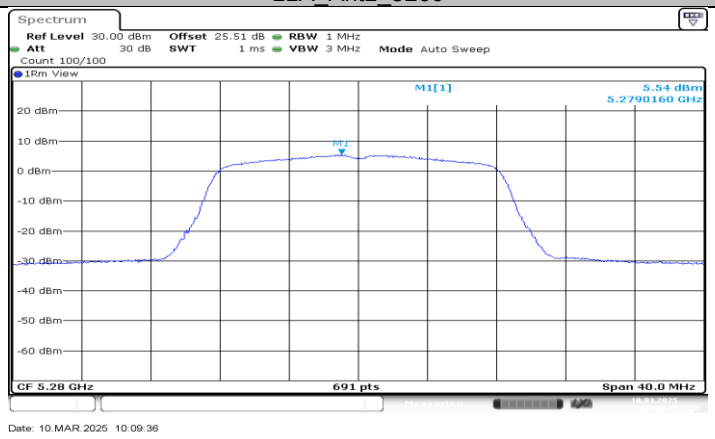

11A_Ant1_5240



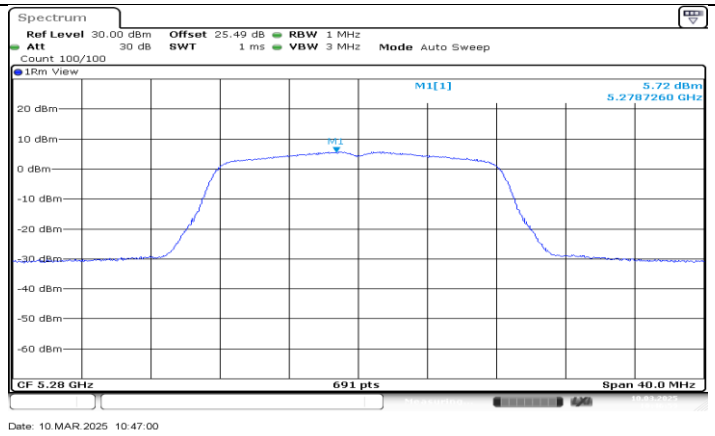

11A_Ant0_5260



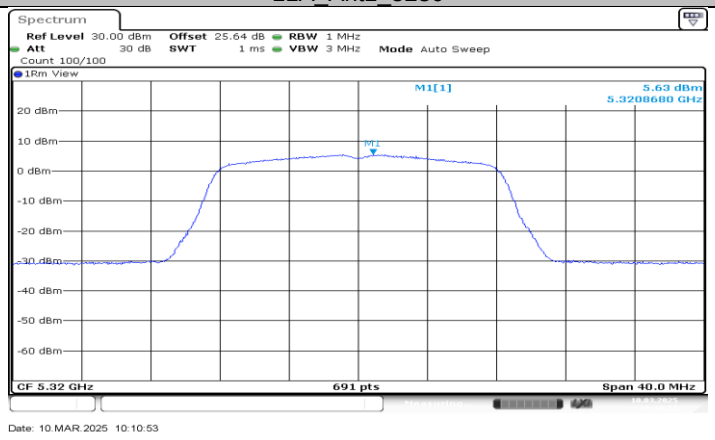

11A_Ant1_5260



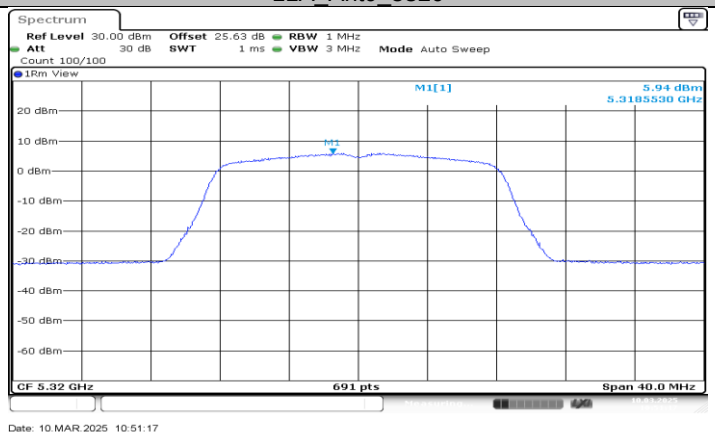

11A_Ant0_5280



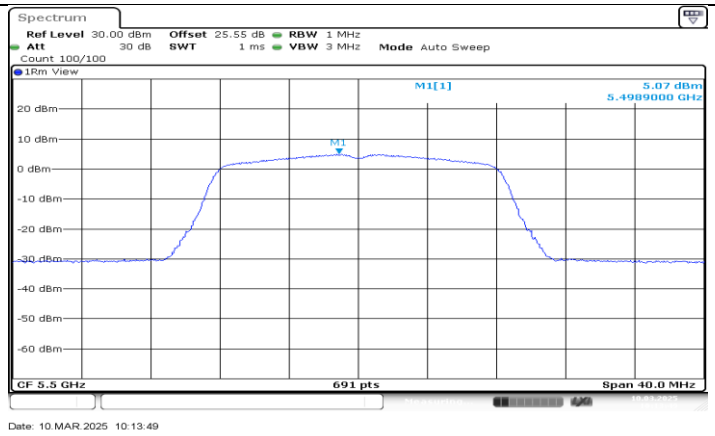

11A_Ant1_5280



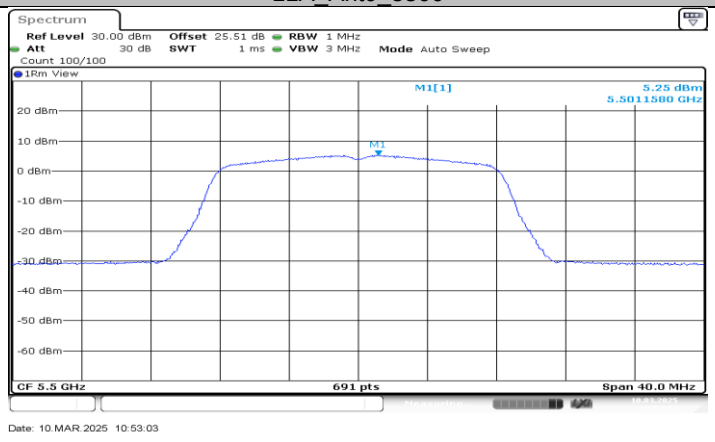

11A_Ant0_5320



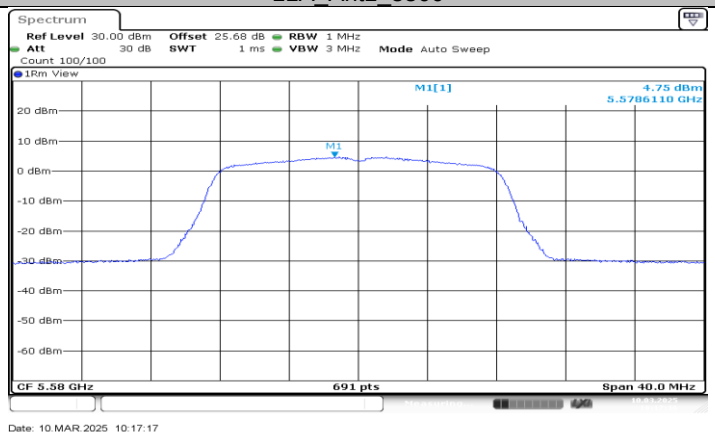

11A_Ant1_5320



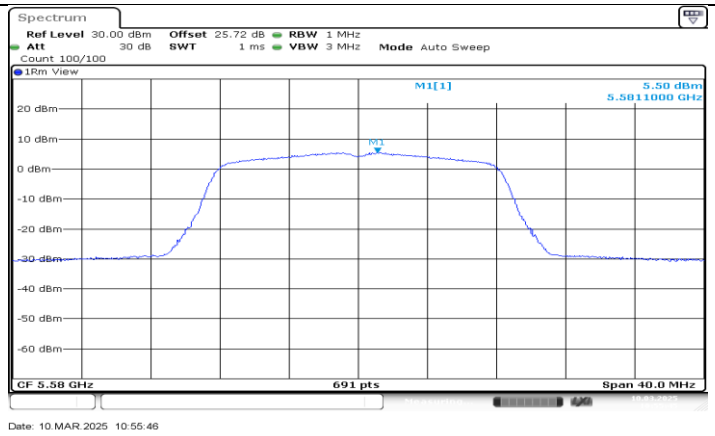

11A_Ant0_5500



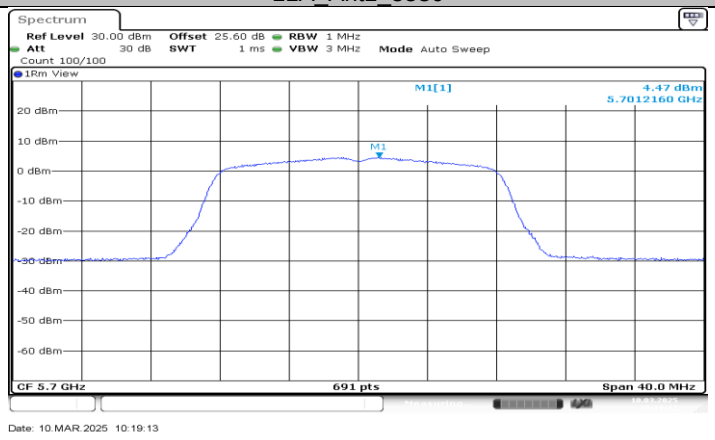

11A_Ant1_5500



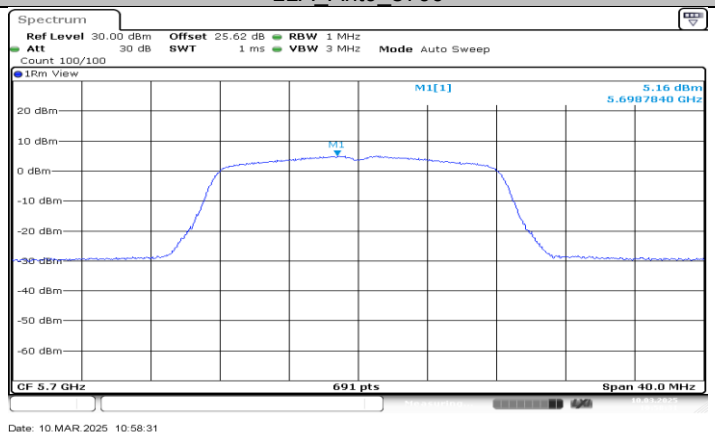

11A_Ant0_5580



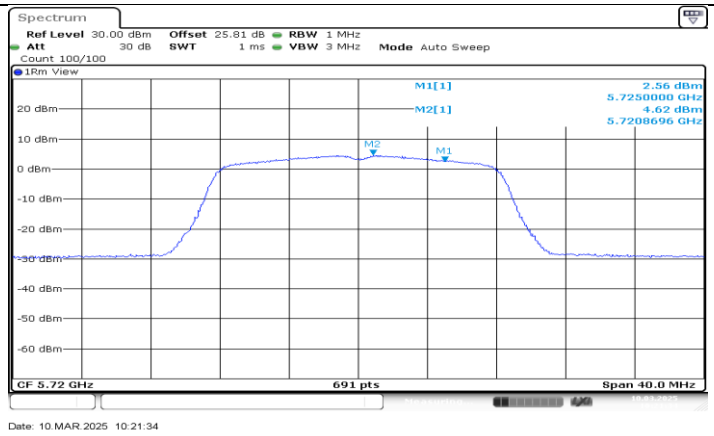

11A_Ant1_5580



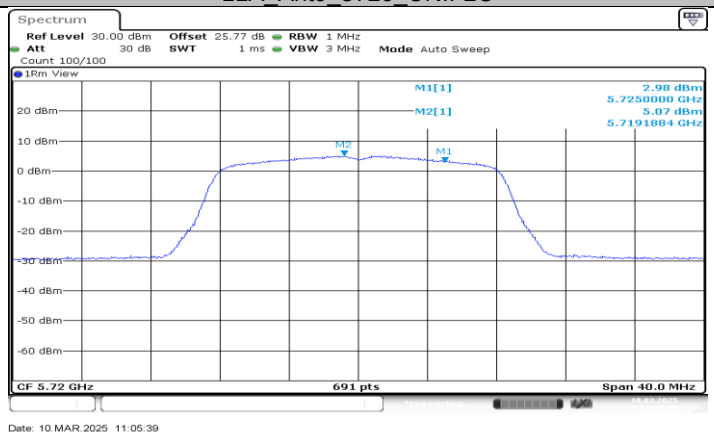

11A_Ant0_5700



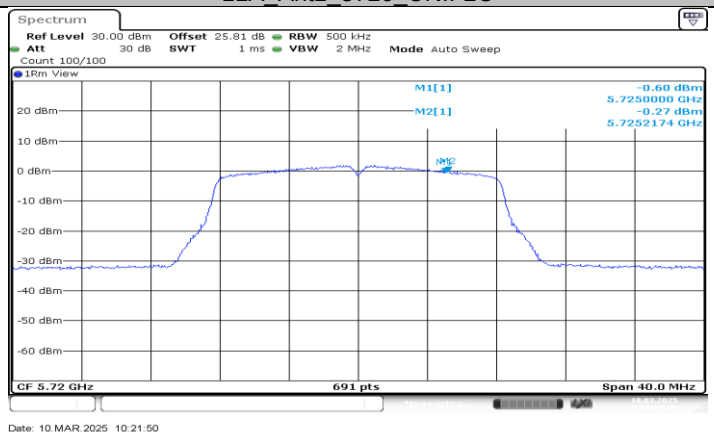

11A_Ant1_5700



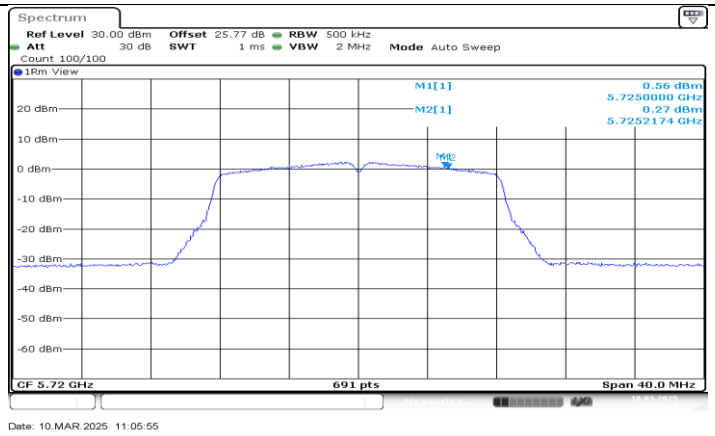

11A_Ant0_5720_UNII-2C



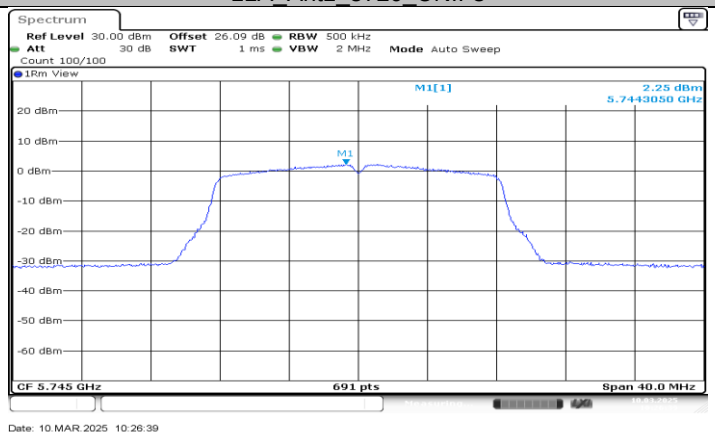

11A_Ant1_5720_UNII-2C



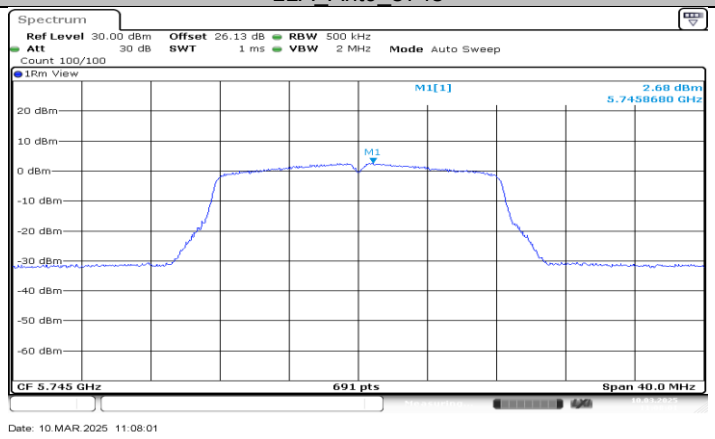

11A_Ant0_5720_UNII-3



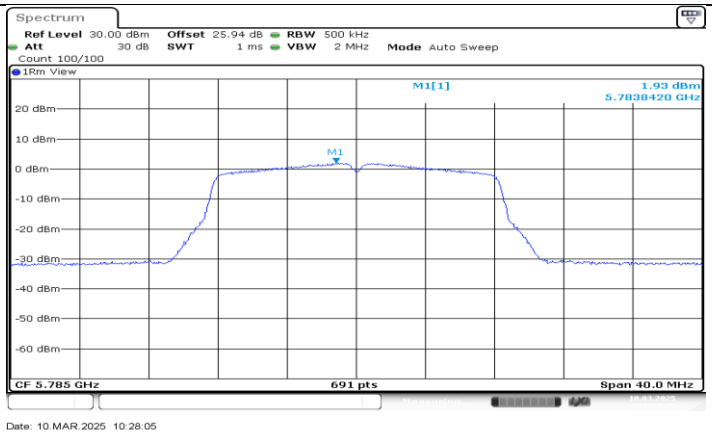

11A_Ant1_5720_UNII-3



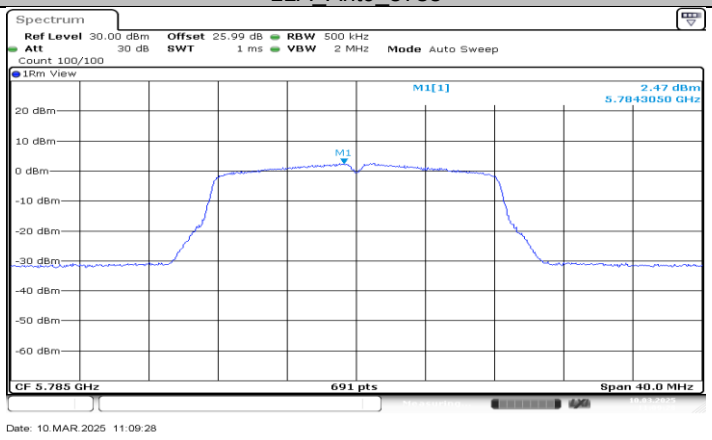

11A_Ant0_5745



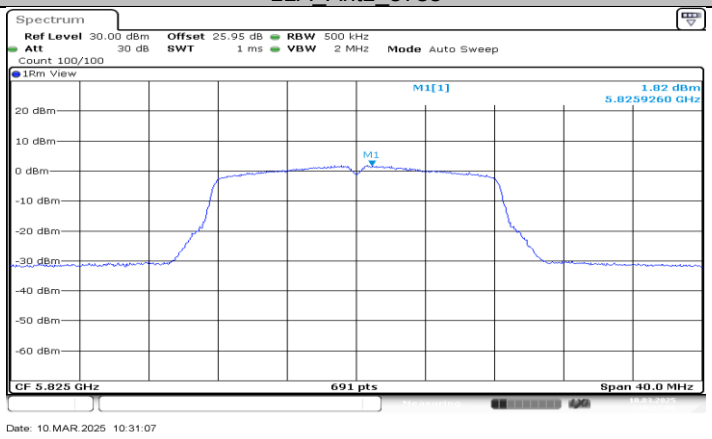

11A_Ant1_5745




11A_Ant0_5785




11A_Ant1_5785

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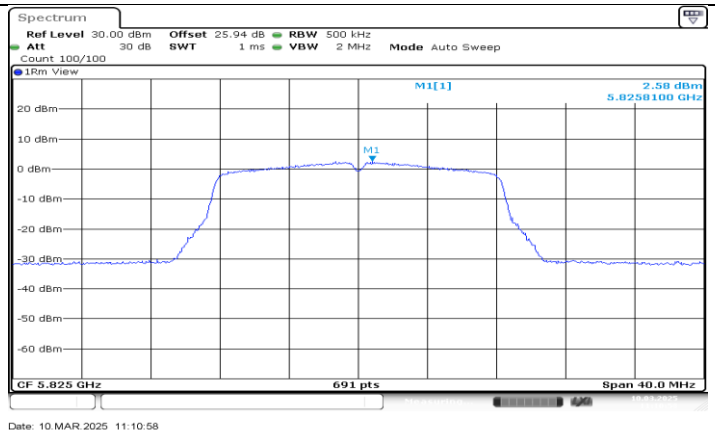
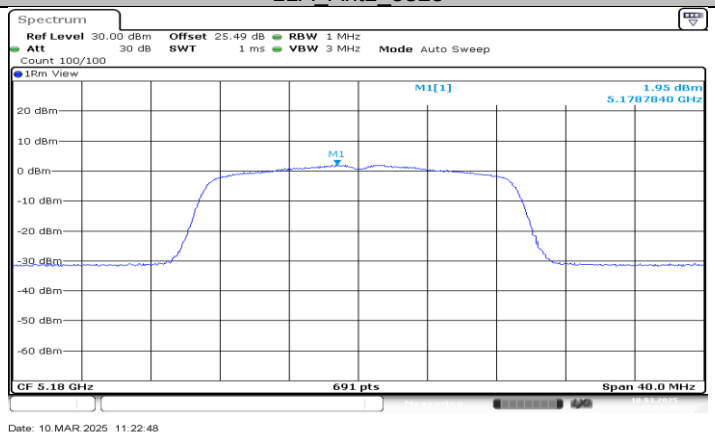
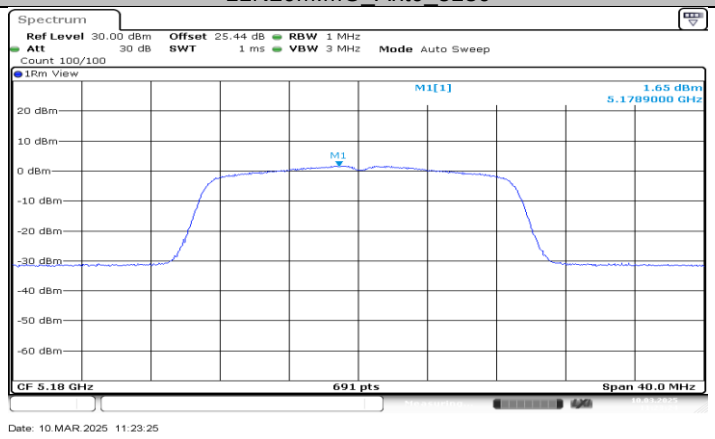


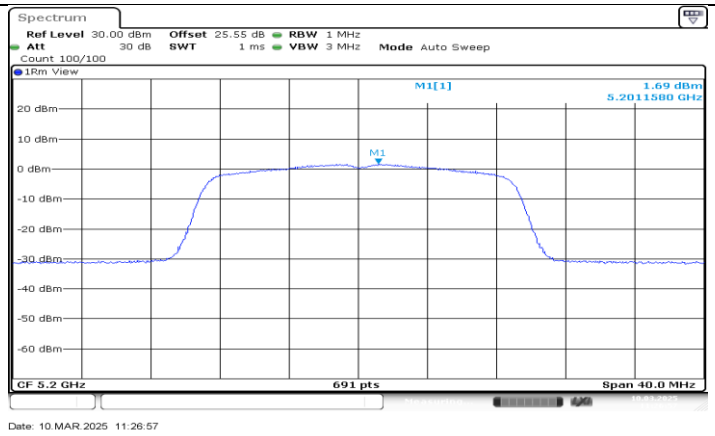

11A_Ant1_5825



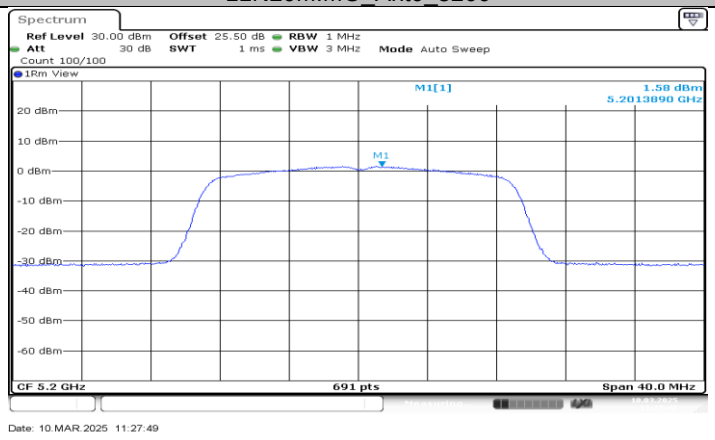

11N20MIMO_Ant0_5180



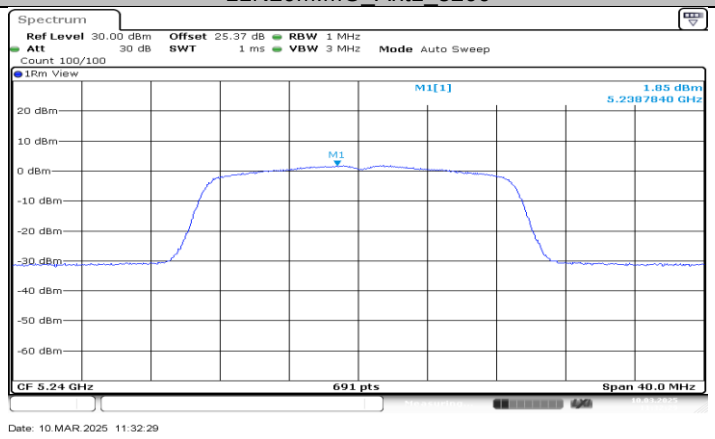

11N20MIMO_Ant1_5180



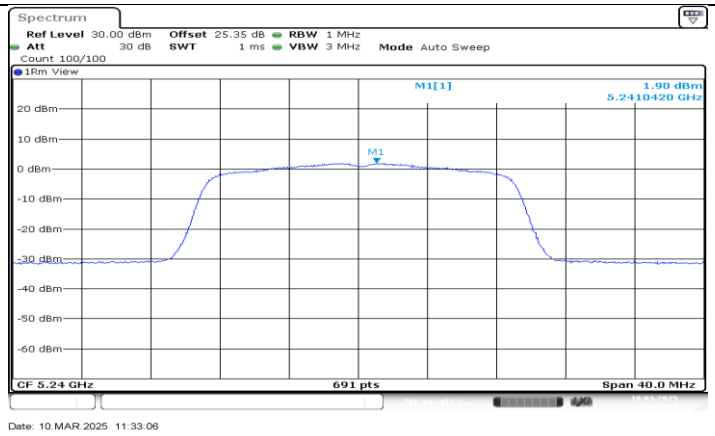

11N20MIMO_Ant0_5200



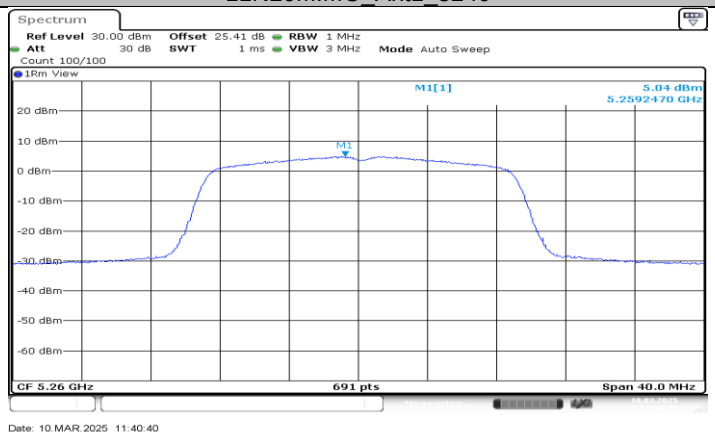

11N20MIMO_Ant1_5200



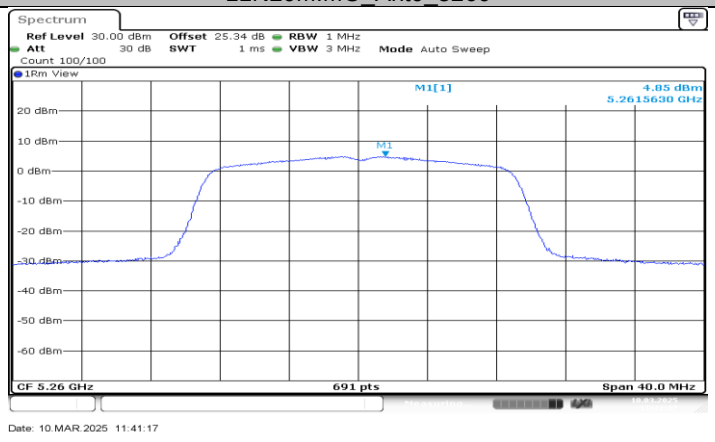

11N20MIMO_Ant0_5240



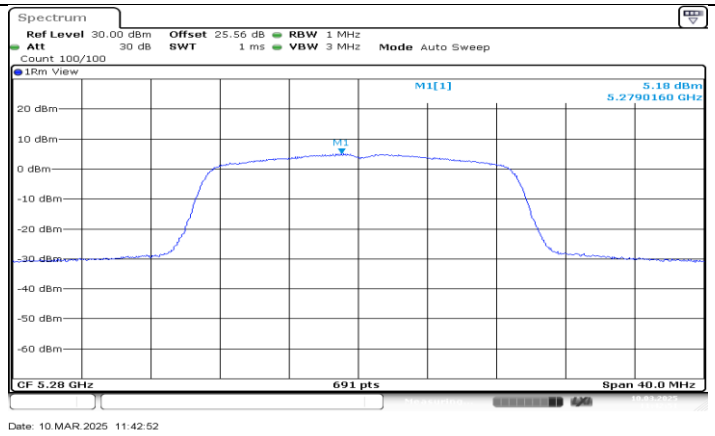

11N20MIMO_Ant1_5240



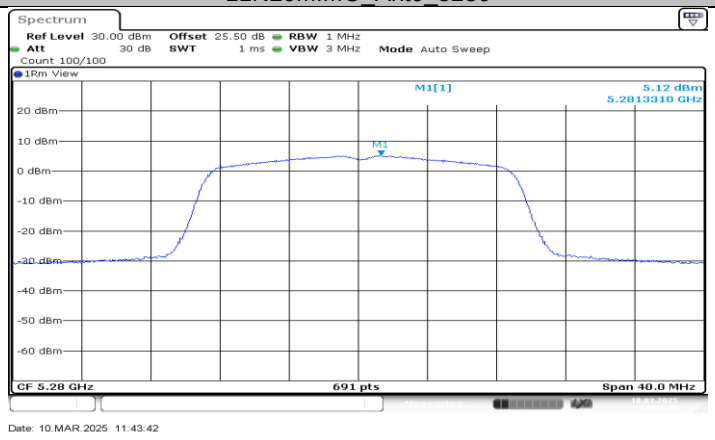

11N20MIMO_Ant0_5260



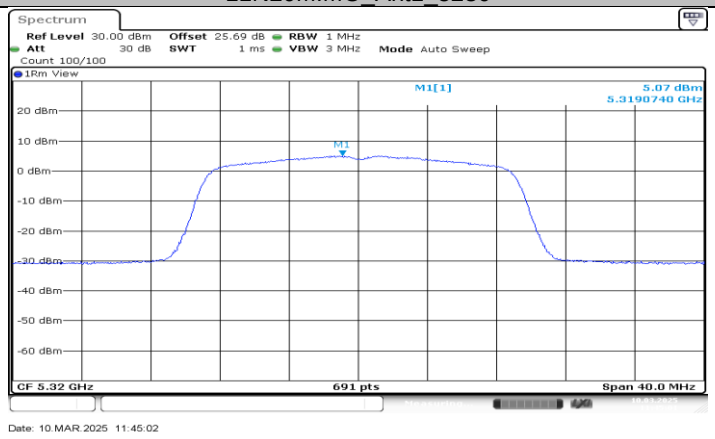

11N20MIMO_Ant1_5260



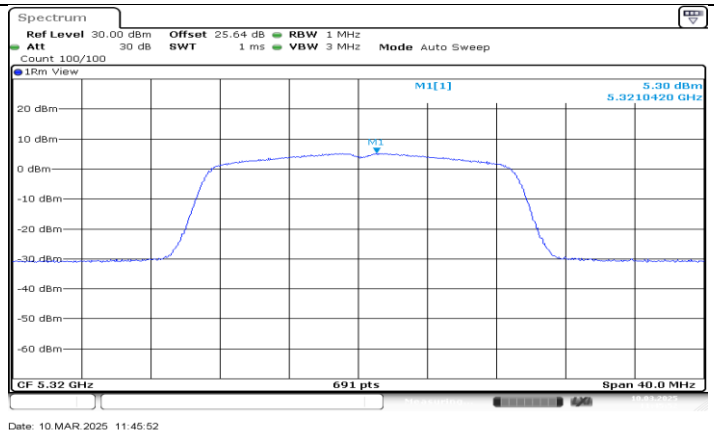

11N20MIMO_Ant0_5280



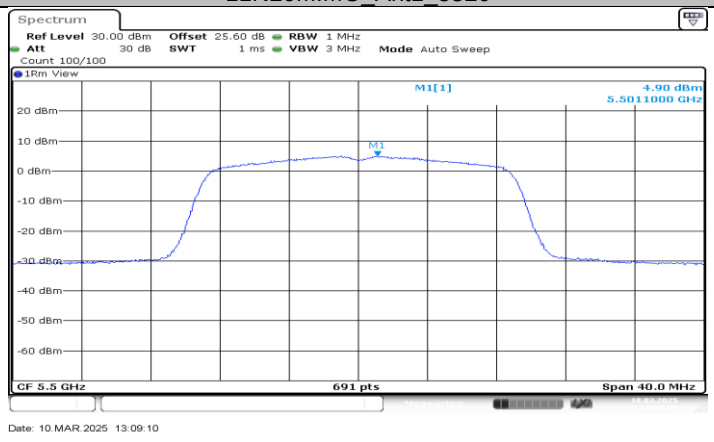

11N20MIMO_Ant1_5280



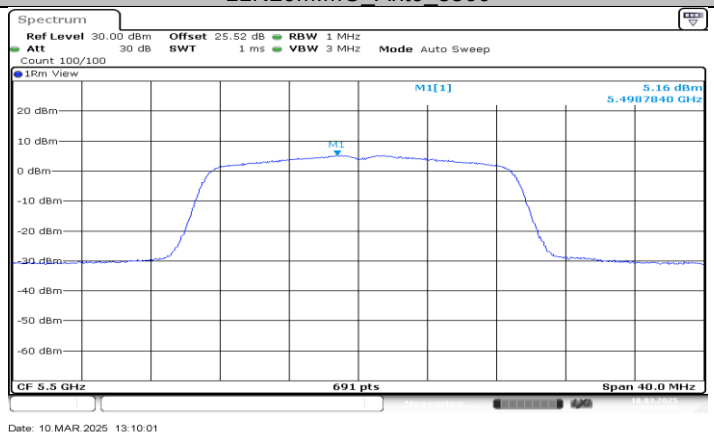

11N20MIMO_Ant0_5320



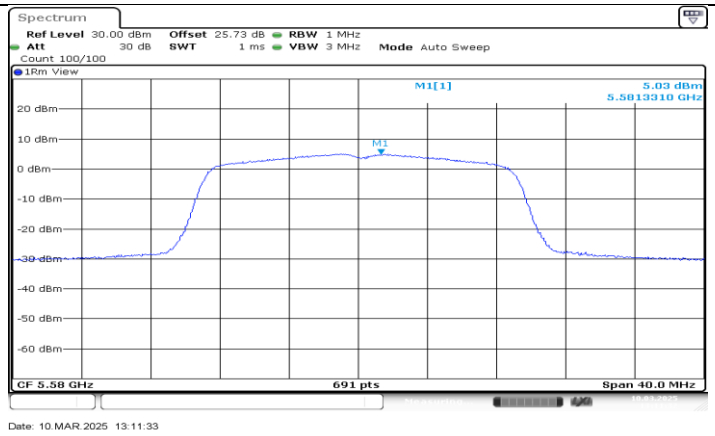

11N20MIMO_Ant1_5320



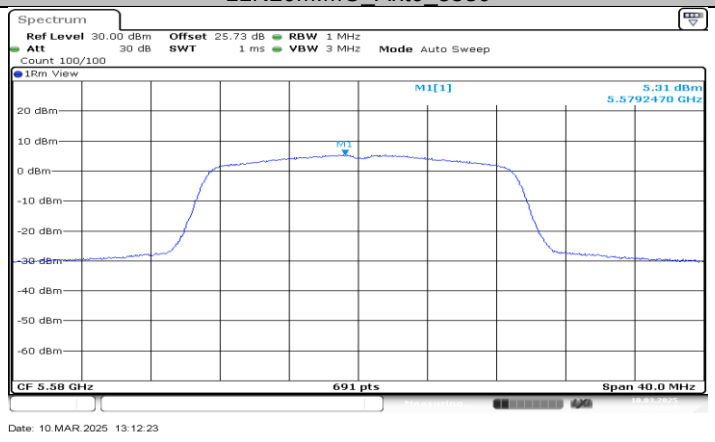

11N20MIMO_Ant0_5500



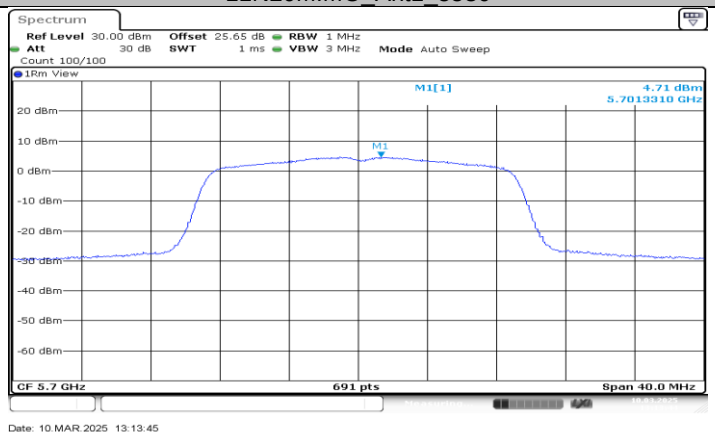

11N20MIMO_Ant1_5500



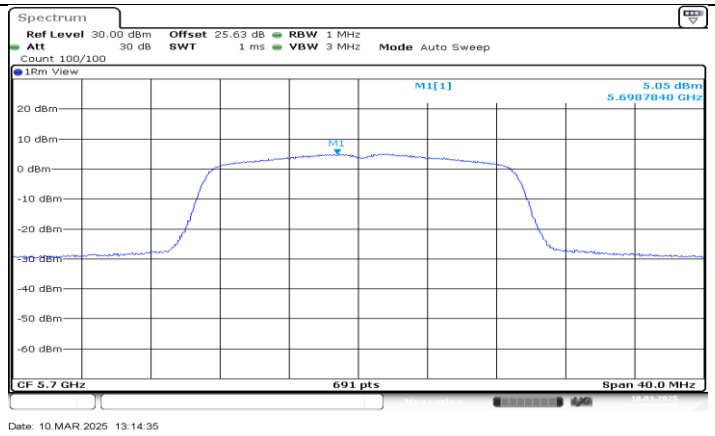

11N20MIMO_Ant0_5580




11N20MIMO_Ant1_5580




11N20MIMO_Ant0_5700

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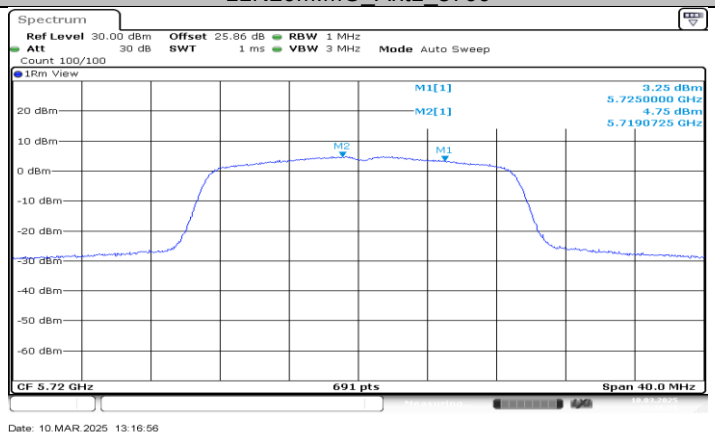
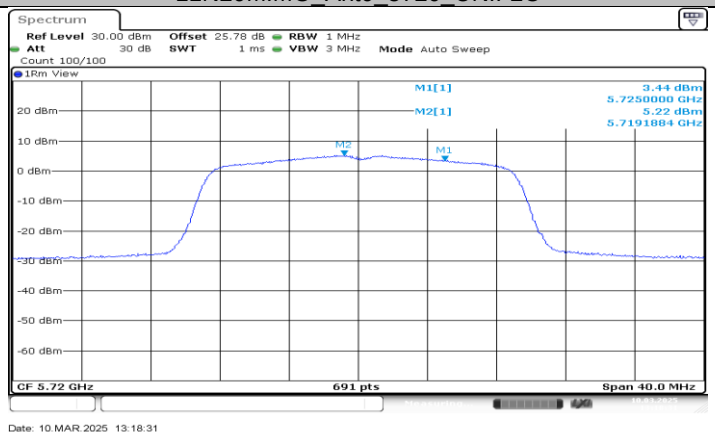
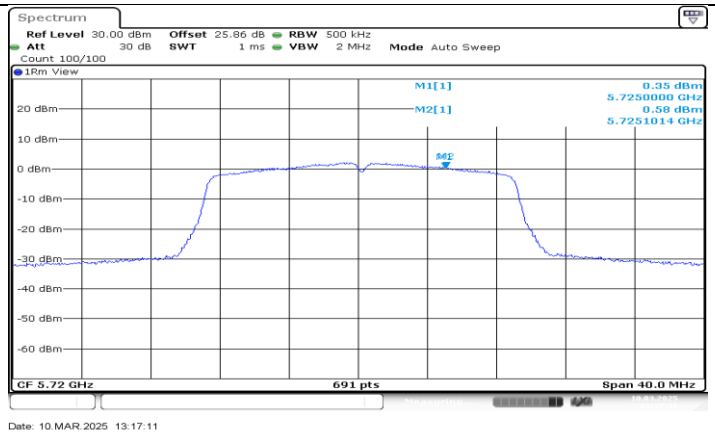


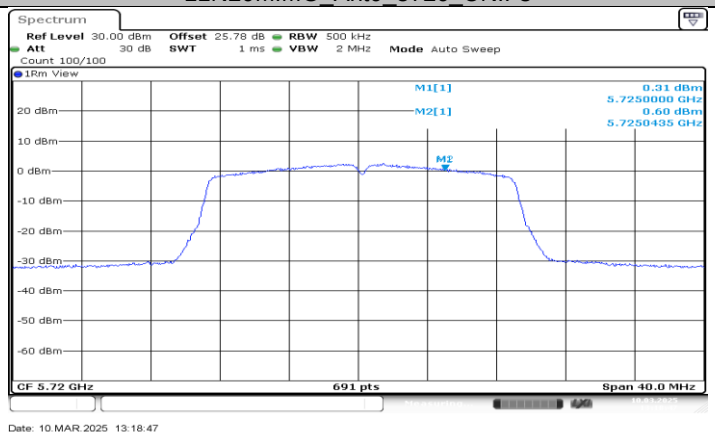

11N20MIMO_Ant0_5720_UNII-2C



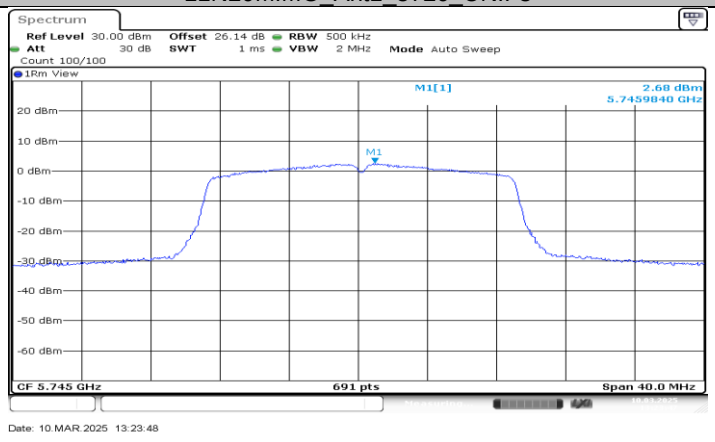

11N20MIMO_Ant1_5720_UNII-2C



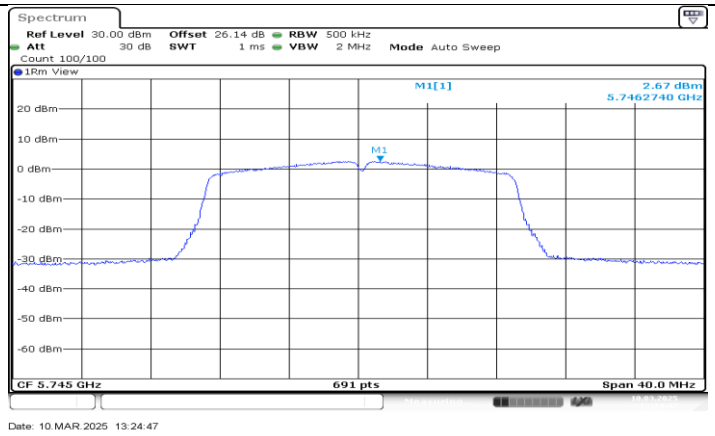

11N20MIMO_Ant0_5720_UNII-3



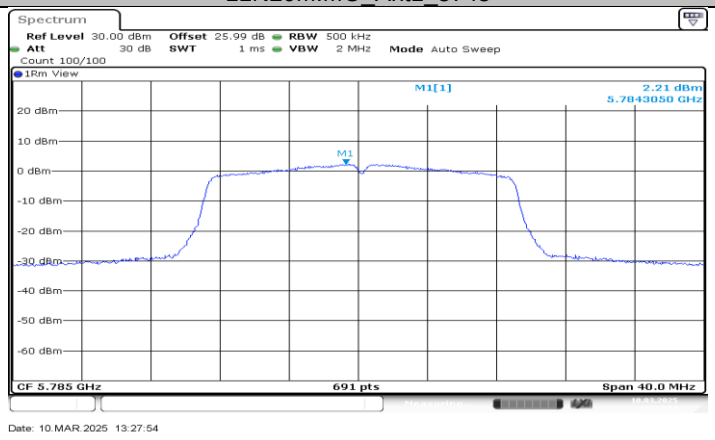

11N20MIMO_Ant1_5720_UNII-3



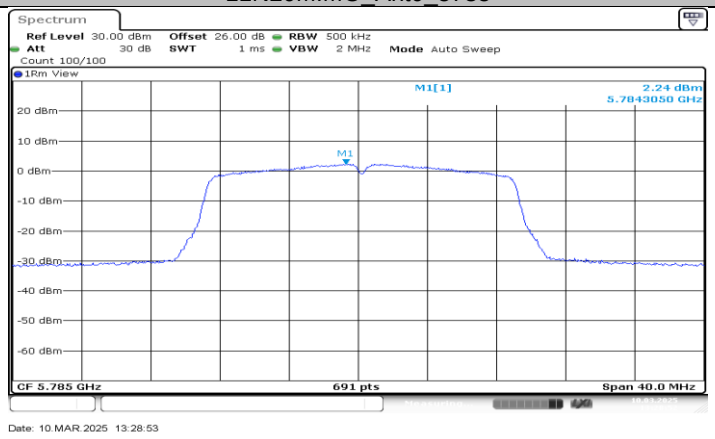

11N20MIMO_Ant0_5745




11N20MIMO_Ant1_5745




11N20MIMO_Ant0_5785




11N20MIMO_Ant1_5785