

11AX80MIMO_Ant2_5775

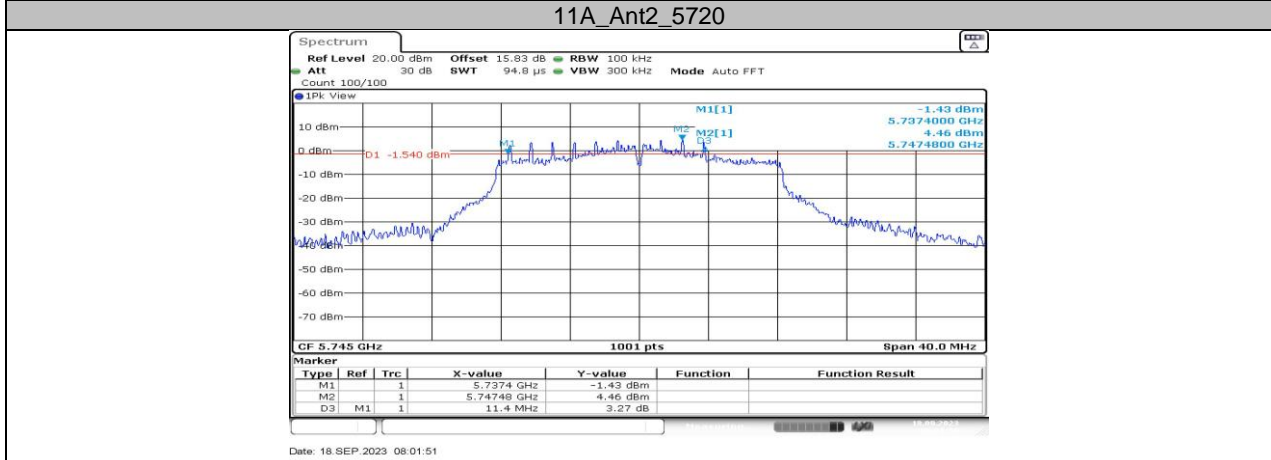
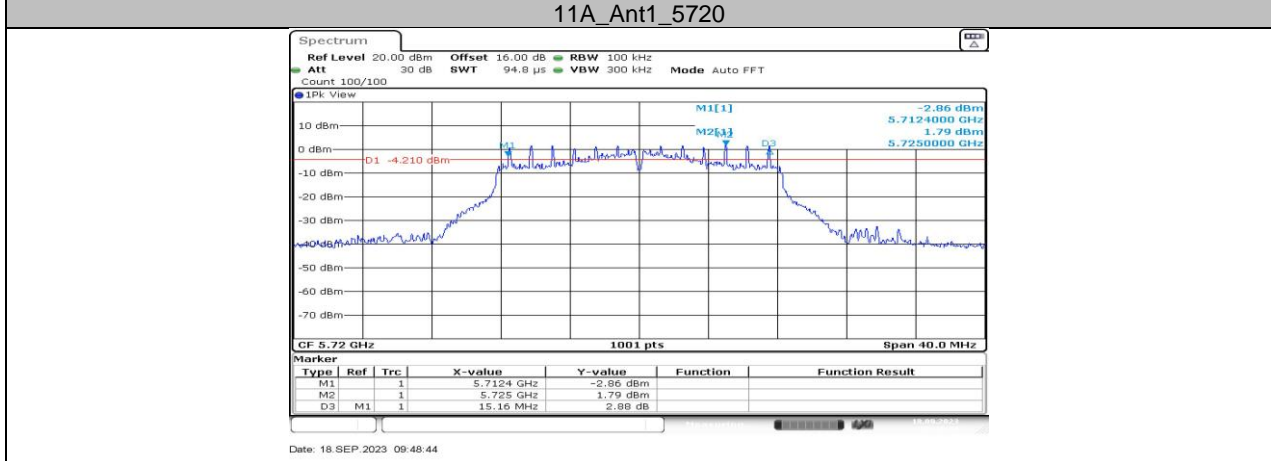
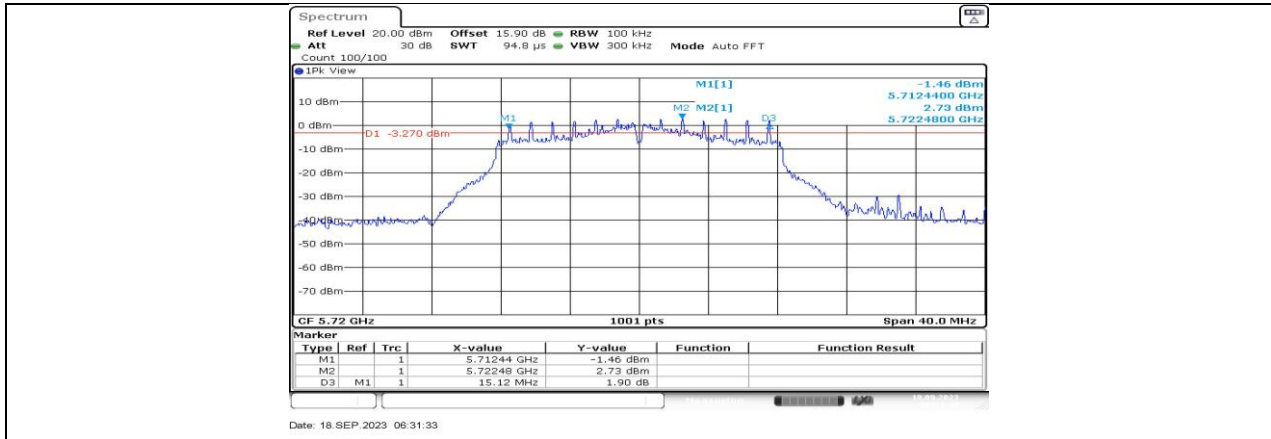
11.3. APPENDIX C: MIN EMISSION BANDWIDTH

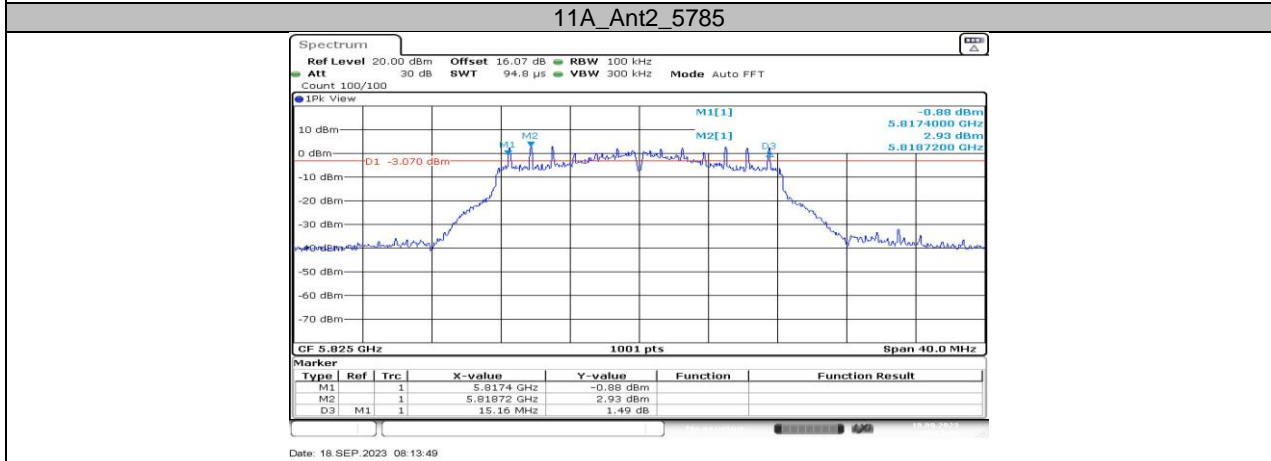
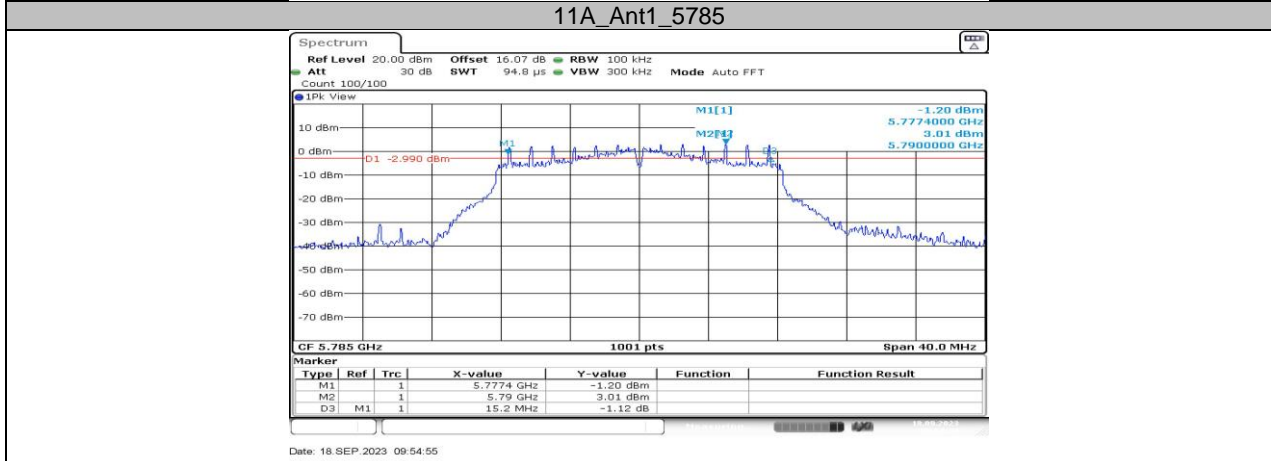
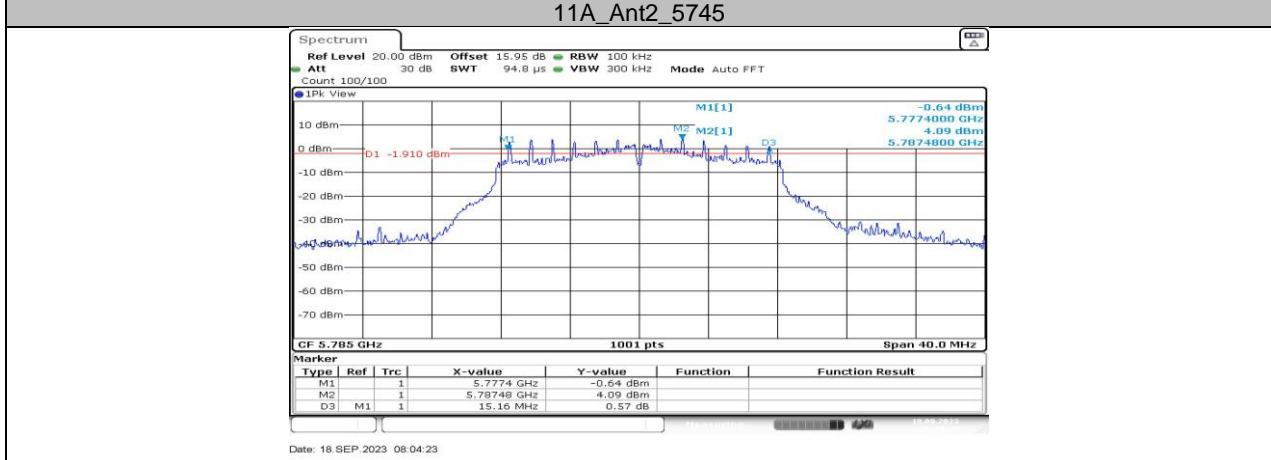
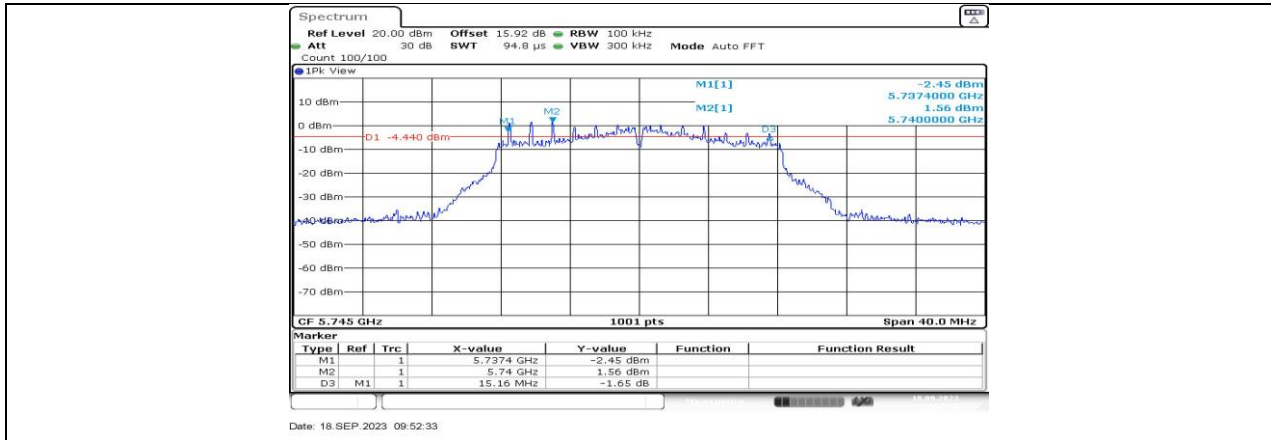
11.3.1. Test Result

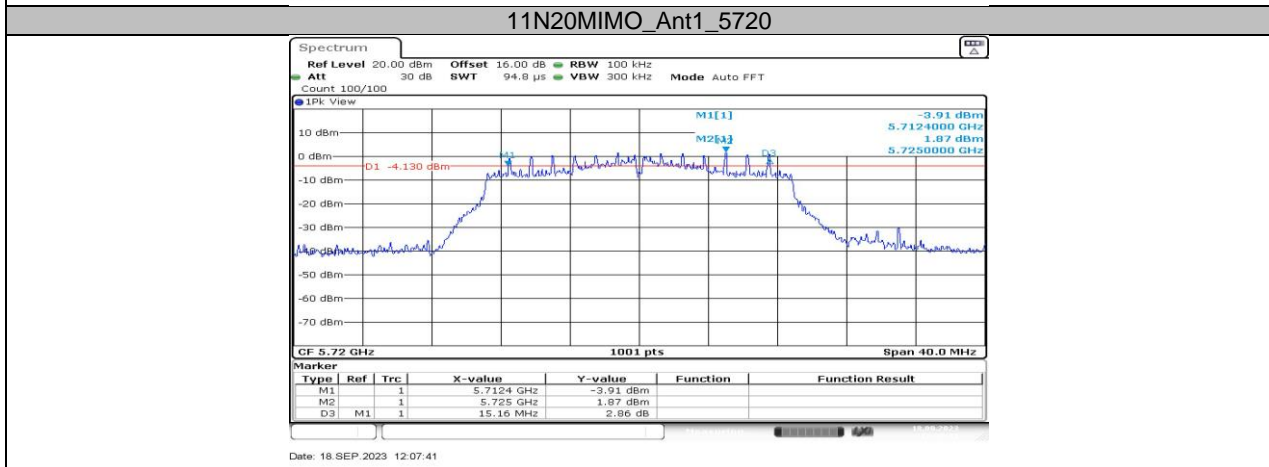
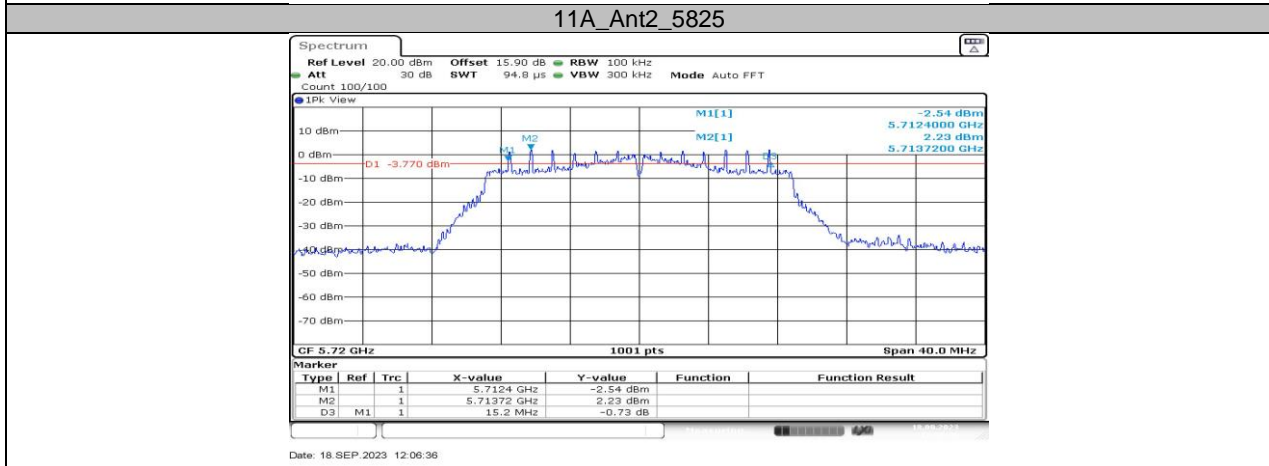
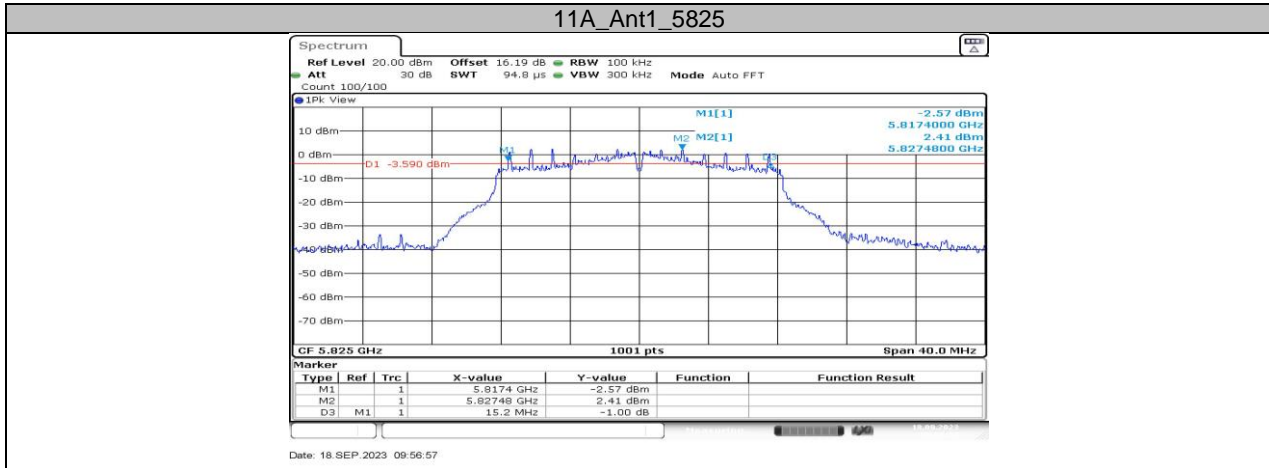
| Test Mode | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|---------|---------|------------|---------|
| 11A | Ant1 | 5720 | 15.12 | 5712.44 | 5727.56 | ≥0.5 | PASS |
| | Ant2 | 5720 | 15.16 | 5712.40 | 5727.56 | ≥0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 2.56 | 5725 | 5727.56 | ≥0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 2.56 | 5725 | 5727.56 | ≥0.5 | PASS |
| | Ant1 | 5745 | 11.40 | 5737.40 | 5748.80 | ≥0.5 | PASS |
| | Ant2 | 5745 | 15.16 | 5737.40 | 5752.56 | ≥0.5 | PASS |
| | Ant1 | 5785 | 15.16 | 5777.40 | 5792.56 | ≥0.5 | PASS |
| | Ant2 | 5785 | 15.20 | 5777.40 | 5792.60 | ≥0.5 | PASS |
| | Ant1 | 5825 | 15.16 | 5817.40 | 5832.56 | ≥0.5 | PASS |
| | Ant2 | 5825 | 15.20 | 5817.40 | 5832.60 | ≥0.5 | PASS |
| 11N20MIMO | Ant1 | 5720 | 15.20 | 5712.40 | 5727.60 | ≥0.5 | PASS |
| | Ant2 | 5720 | 15.16 | 5712.40 | 5727.56 | ≥0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 2.6 | 5725 | 5727.60 | ≥0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 2.56 | 5725 | 5727.56 | ≥0.5 | PASS |
| | Ant1 | 5745 | 15.16 | 5737.44 | 5752.60 | ≥0.5 | PASS |
| | Ant2 | 5745 | 15.20 | 5737.40 | 5752.60 | ≥0.5 | PASS |
| | Ant1 | 5785 | 15.16 | 5777.40 | 5792.56 | ≥0.5 | PASS |
| | Ant2 | 5785 | 15.08 | 5777.48 | 5792.56 | ≥0.5 | PASS |
| | Ant1 | 5825 | 15.16 | 5817.40 | 5832.56 | ≥0.5 | PASS |
| | Ant2 | 5825 | 15.16 | 5817.40 | 5832.56 | ≥0.5 | PASS |
| 11N40MIMO | Ant1 | 5710 | 36.32 | 5691.84 | 5728.16 | ≥0.5 | PASS |
| | Ant2 | 5710 | 36.32 | 5691.84 | 5728.16 | ≥0.5 | PASS |
| | Ant1 | 5710_UNII-3 | 3.16 | 5725 | 5728.16 | ≥0.5 | PASS |
| | Ant2 | 5710_UNII-3 | 3.16 | 5725 | 5728.16 | ≥0.5 | PASS |
| | Ant1 | 5755 | 36.32 | 5736.84 | 5773.16 | ≥0.5 | PASS |
| | Ant2 | 5755 | 36.32 | 5736.84 | 5773.16 | ≥0.5 | PASS |
| | Ant1 | 5795 | 36.32 | 5776.84 | 5813.16 | ≥0.5 | PASS |
| | Ant2 | 5795 | 36.32 | 5776.84 | 5813.16 | ≥0.5 | PASS |
| 11AC80MIMO | Ant1 | 5690 | 76.48 | 5651.76 | 5728.24 | ≥0.5 | PASS |
| | Ant2 | 5690 | 75.20 | 5652.40 | 5727.60 | ≥0.5 | PASS |
| | Ant1 | 5690_UNII-3 | 3.24 | 5725 | 5728.24 | ≥0.5 | PASS |
| | Ant2 | 5690_UNII-3 | 2.6 | 5725 | 5727.60 | ≥0.5 | PASS |
| | Ant1 | 5775 | 75.84 | 5736.76 | 5812.60 | ≥0.5 | PASS |
| | Ant2 | 5775 | 75.84 | 5737.40 | 5813.24 | ≥0.5 | PASS |
| 11AX20MIMO | Ant1 | 5720 | 19.08 | 5710.44 | 5729.52 | ≥0.5 | PASS |
| | Ant2 | 5720 | 19.00 | 5710.52 | 5729.52 | ≥0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 4.52 | 5725 | 5729.52 | ≥0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 4.52 | 5725 | 5729.52 | ≥0.5 | PASS |
| | Ant1 | 5745 | 19.08 | 5735.44 | 5754.52 | ≥0.5 | PASS |
| | Ant2 | 5745 | 19.00 | 5735.48 | 5754.48 | ≥0.5 | PASS |
| | Ant1 | 5785 | 19.04 | 5775.48 | 5794.52 | ≥0.5 | PASS |
| | Ant2 | 5785 | 19.04 | 5775.44 | 5794.48 | ≥0.5 | PASS |
| | Ant1 | 5825 | 19.00 | 5815.48 | 5834.48 | ≥0.5 | PASS |
| | Ant2 | 5825 | 18.96 | 5815.44 | 5834.40 | ≥0.5 | PASS |
| 11AX40MIMO | Ant1 | 5710 | 37.84 | 5691.12 | 5728.96 | ≥0.5 | PASS |
| | Ant2 | 5710 | 37.76 | 5691.12 | 5728.88 | ≥0.5 | PASS |
| | Ant1 | 5710_UNII-3 | 3.96 | 5725 | 5728.96 | ≥0.5 | PASS |
| | Ant2 | 5710_UNII-3 | 3.88 | 5725 | 5728.88 | ≥0.5 | PASS |
| | Ant1 | 5755 | 37.84 | 5736.12 | 5773.96 | ≥0.5 | PASS |

| | | | | | | | |
|------------|------|-------------|-------|---------|---------|------------|------|
| | Ant2 | 5755 | 37.60 | 5736.20 | 5773.80 | ≥ 0.5 | PASS |
| | Ant1 | 5795 | 37.36 | 5776.20 | 5813.56 | ≥ 0.5 | PASS |
| | Ant2 | 5795 | 37.28 | 5776.52 | 5813.80 | ≥ 0.5 | PASS |
| 11AX80MIMO | Ant1 | 5690 | 76.48 | 5652.40 | 5728.88 | ≥ 0.5 | PASS |
| | Ant2 | 5690 | 76.32 | 5652.40 | 5728.72 | ≥ 0.5 | PASS |
| | Ant1 | 5690_UNII-3 | 3.88 | 5725 | 5728.88 | ≥ 0.5 | PASS |
| | Ant2 | 5690_UNII-3 | 3.72 | 5725 | 5728.72 | ≥ 0.5 | PASS |
| | Ant1 | 5775 | 77.44 | 5736.44 | 5813.88 | ≥ 0.5 | PASS |
| | Ant2 | 5775 | 77.28 | 5736.28 | 5813.56 | ≥ 0.5 | PASS |

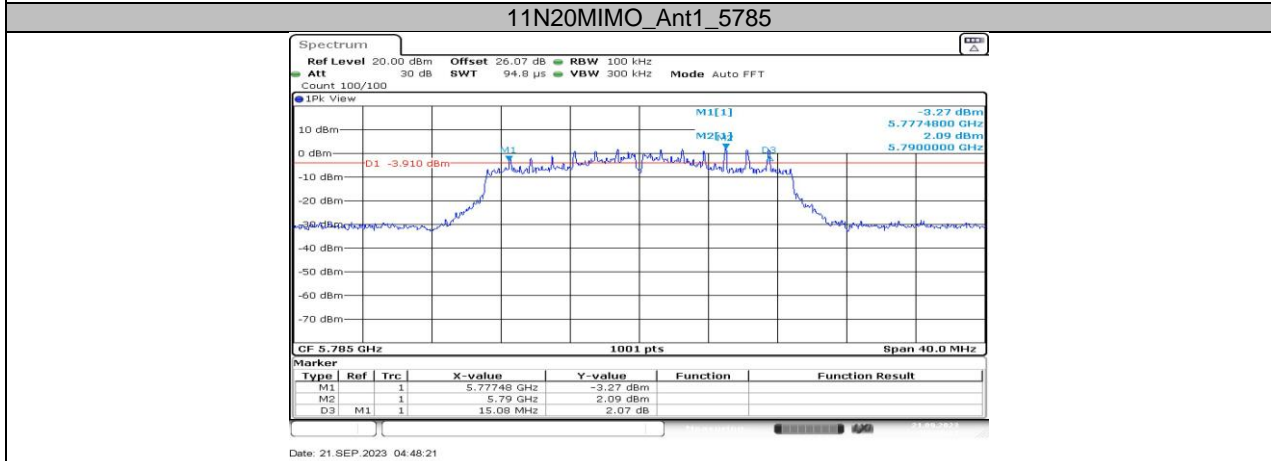
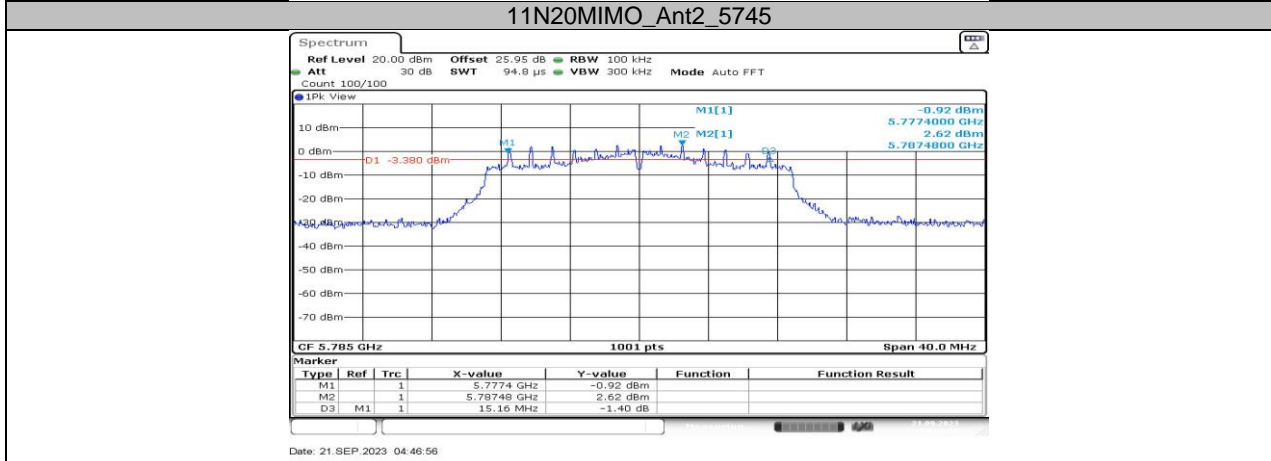
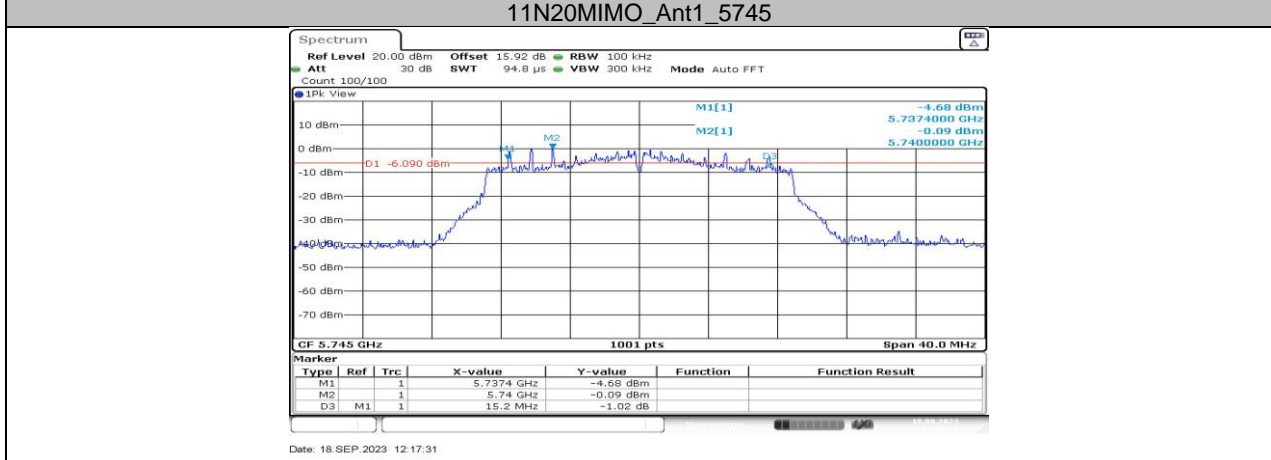
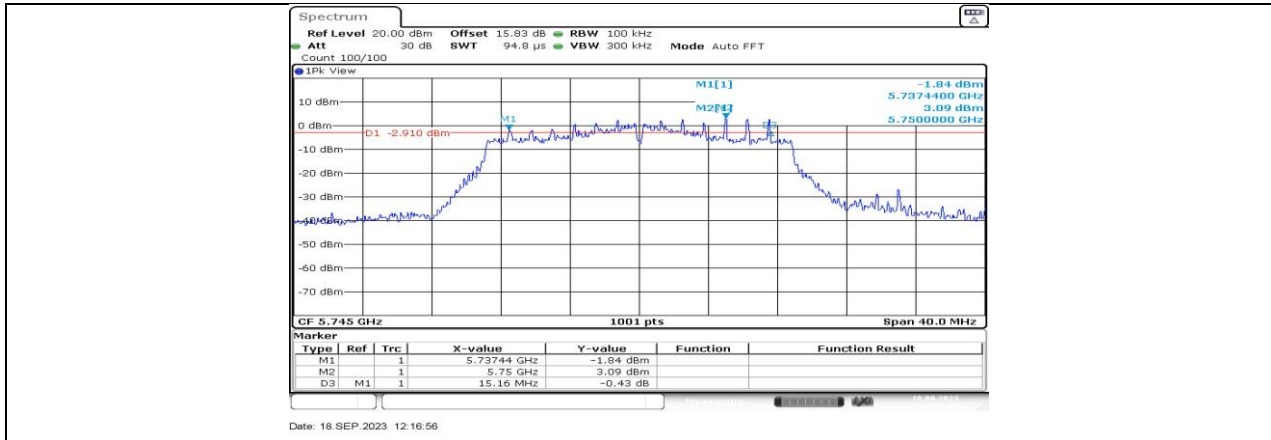
11.3.2. Test Graphs

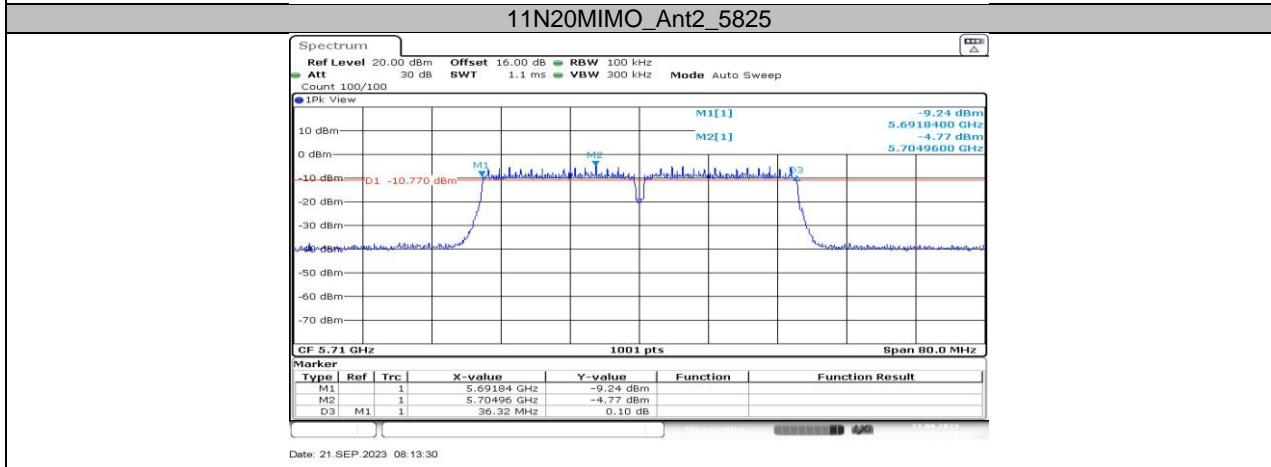
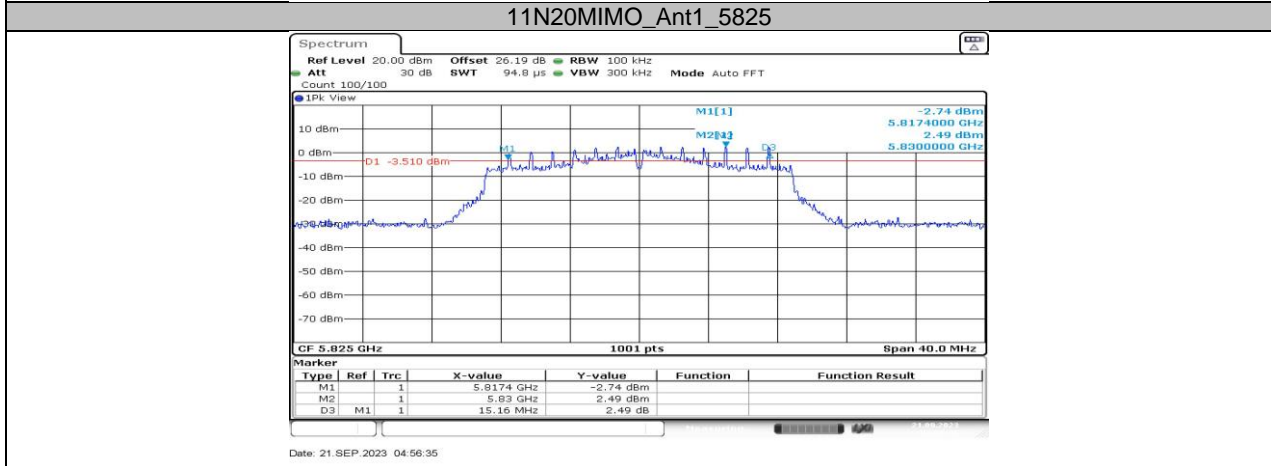
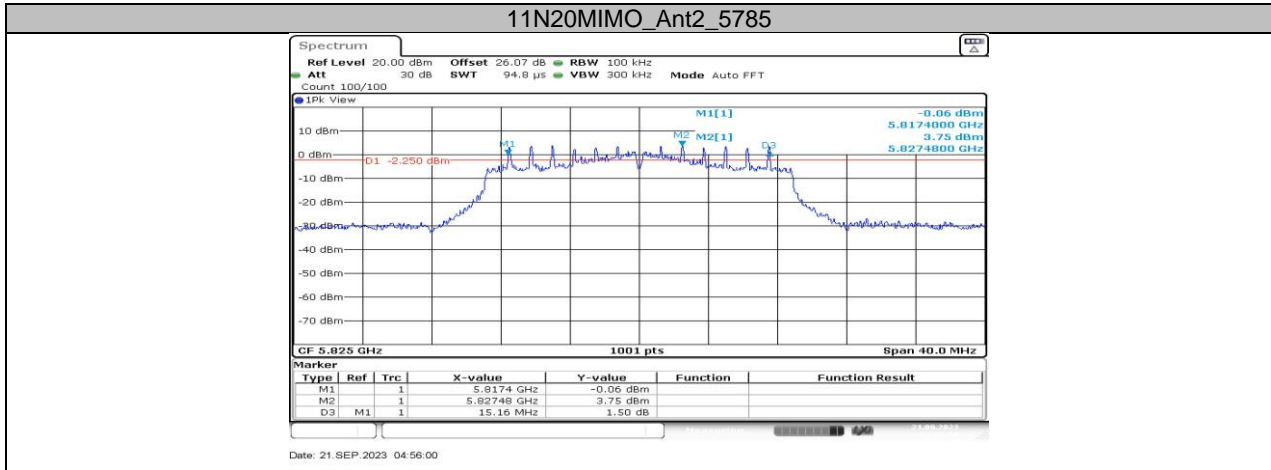




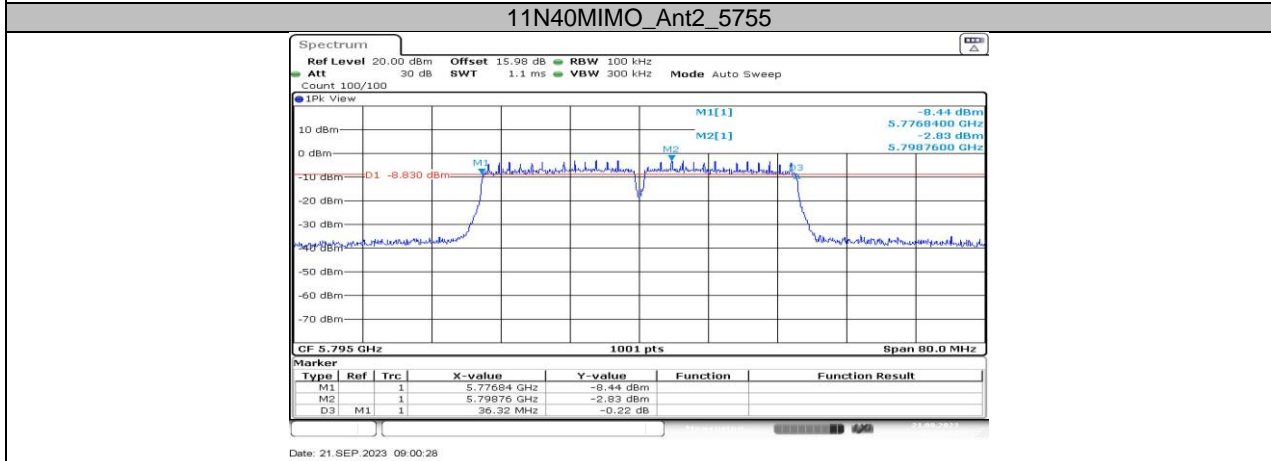
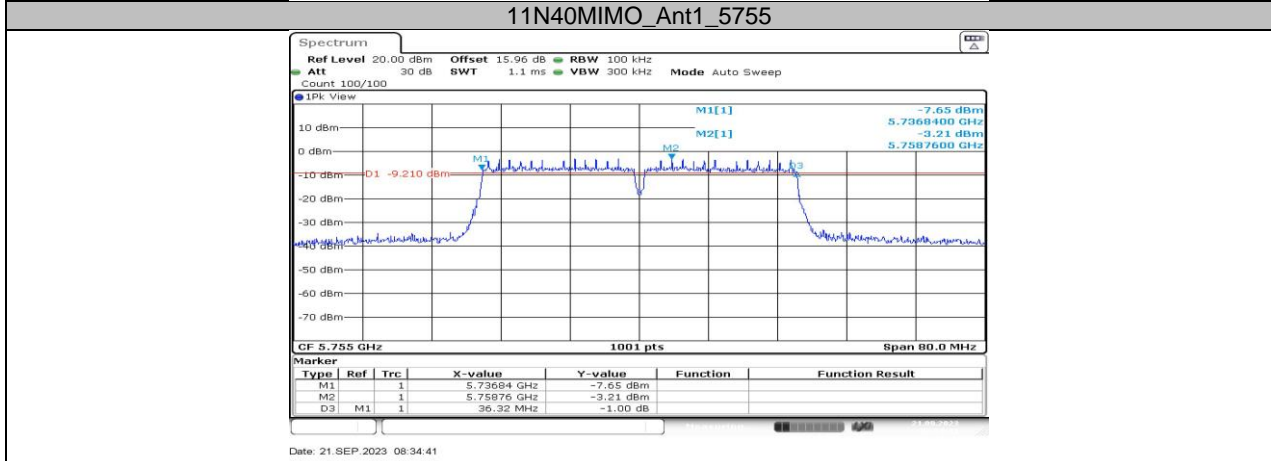
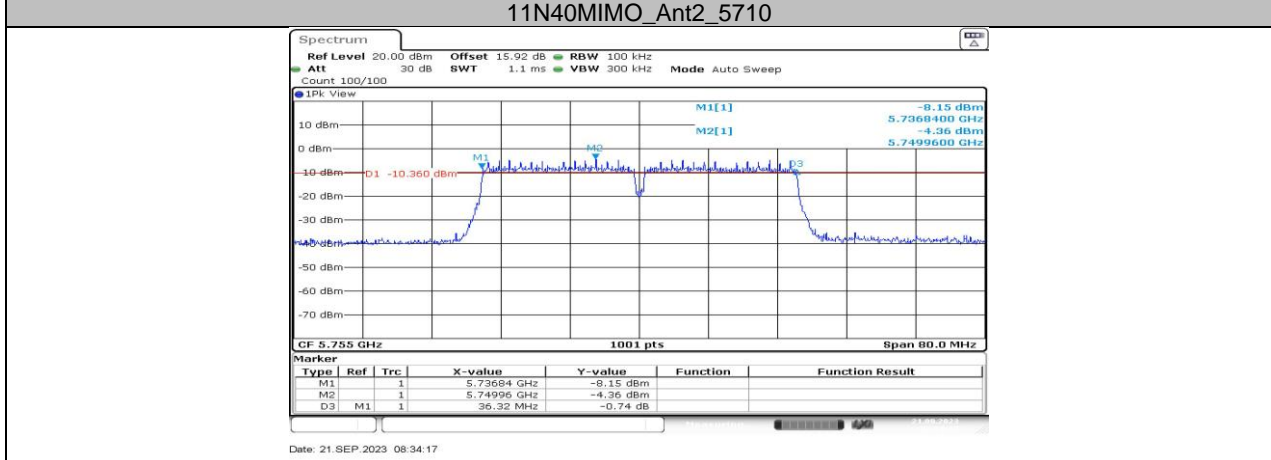
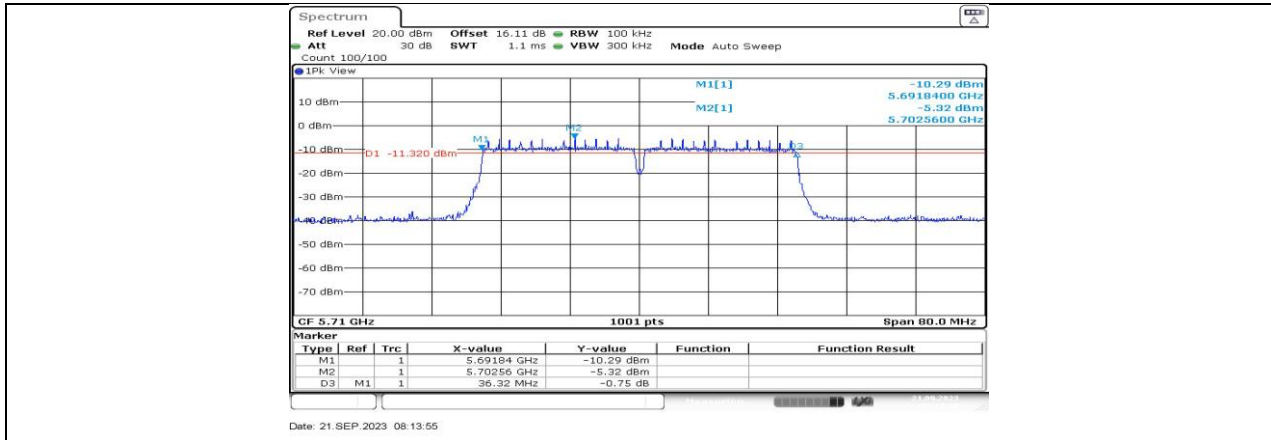


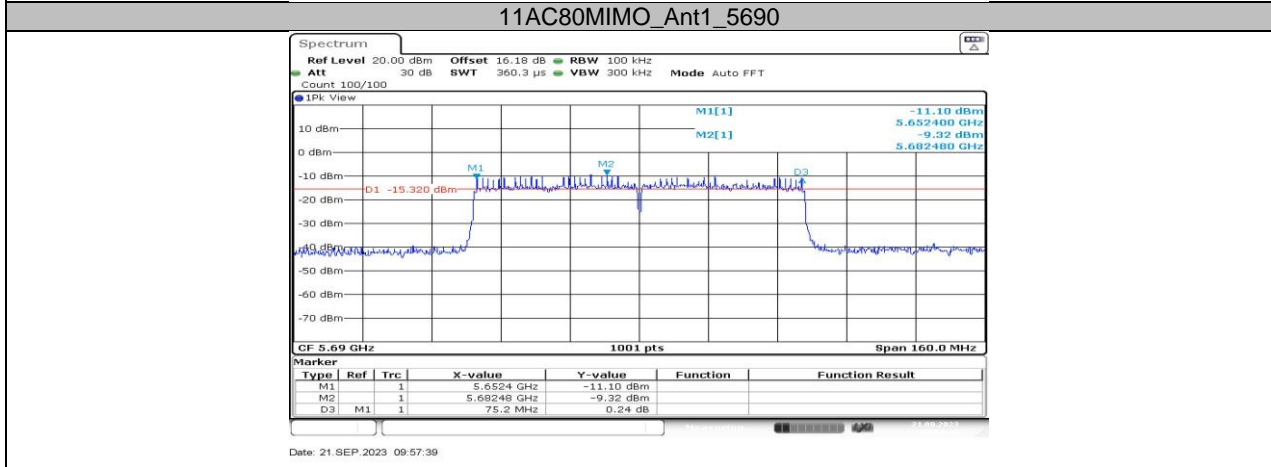
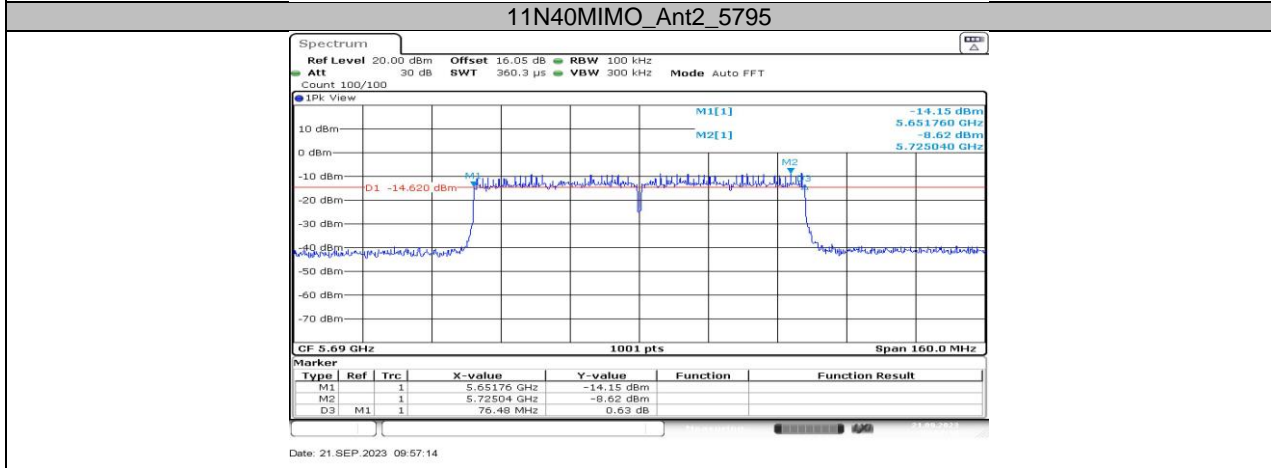
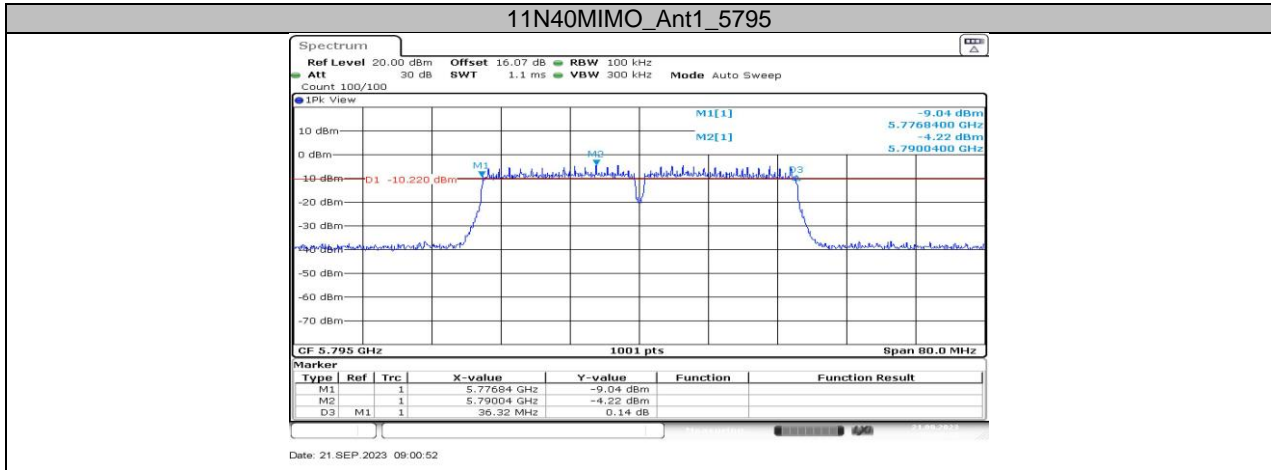
11N20MIMO_Ant2_5720



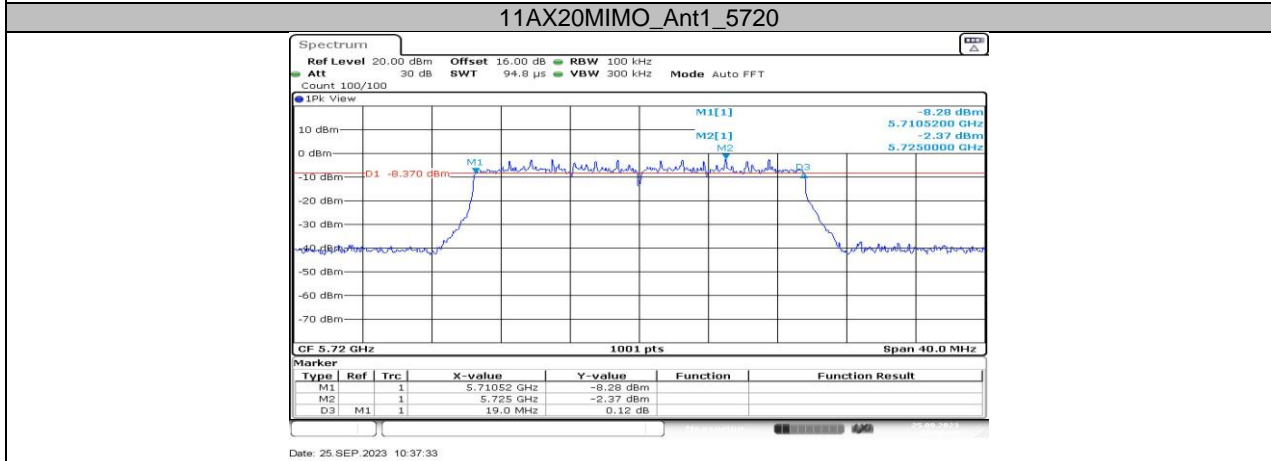
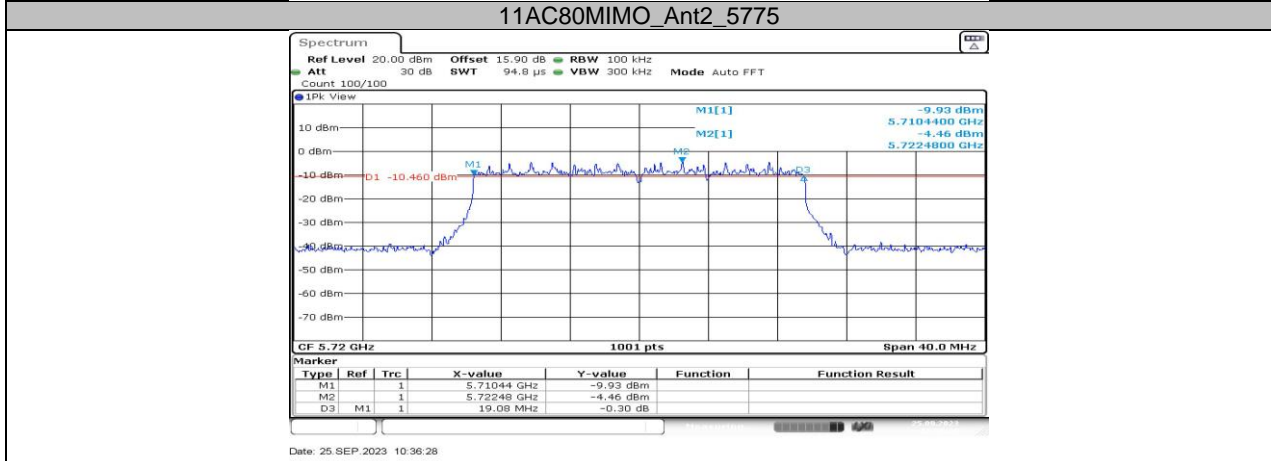
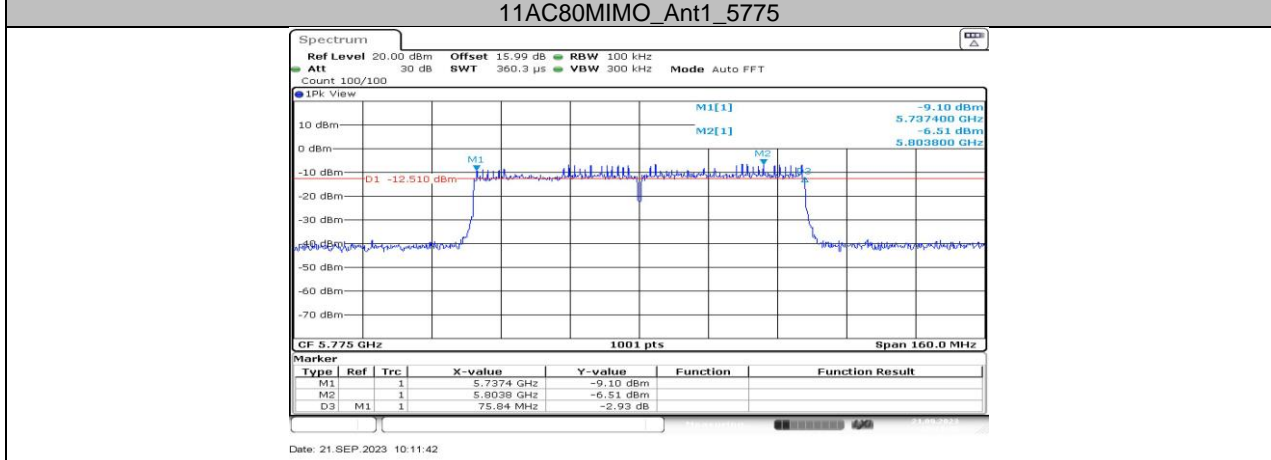
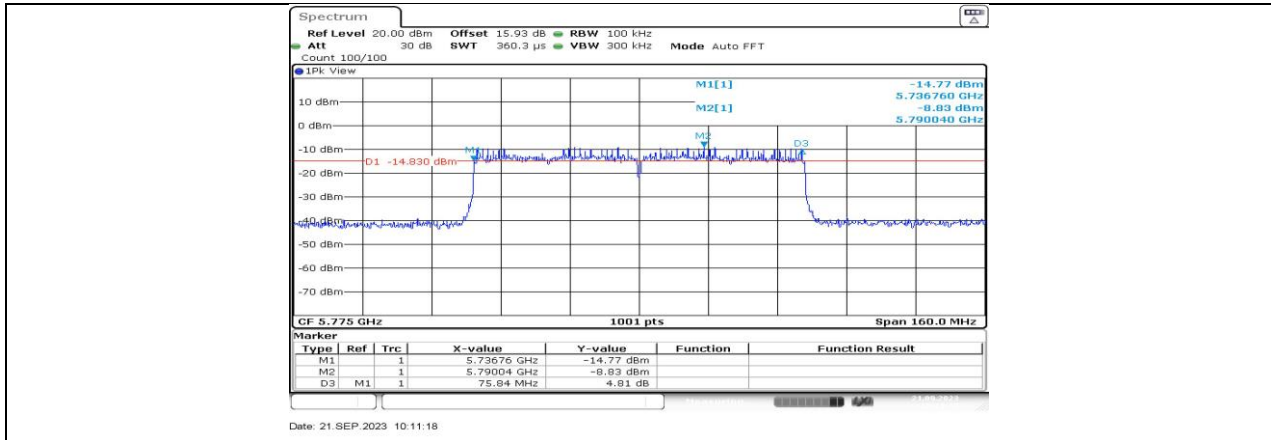


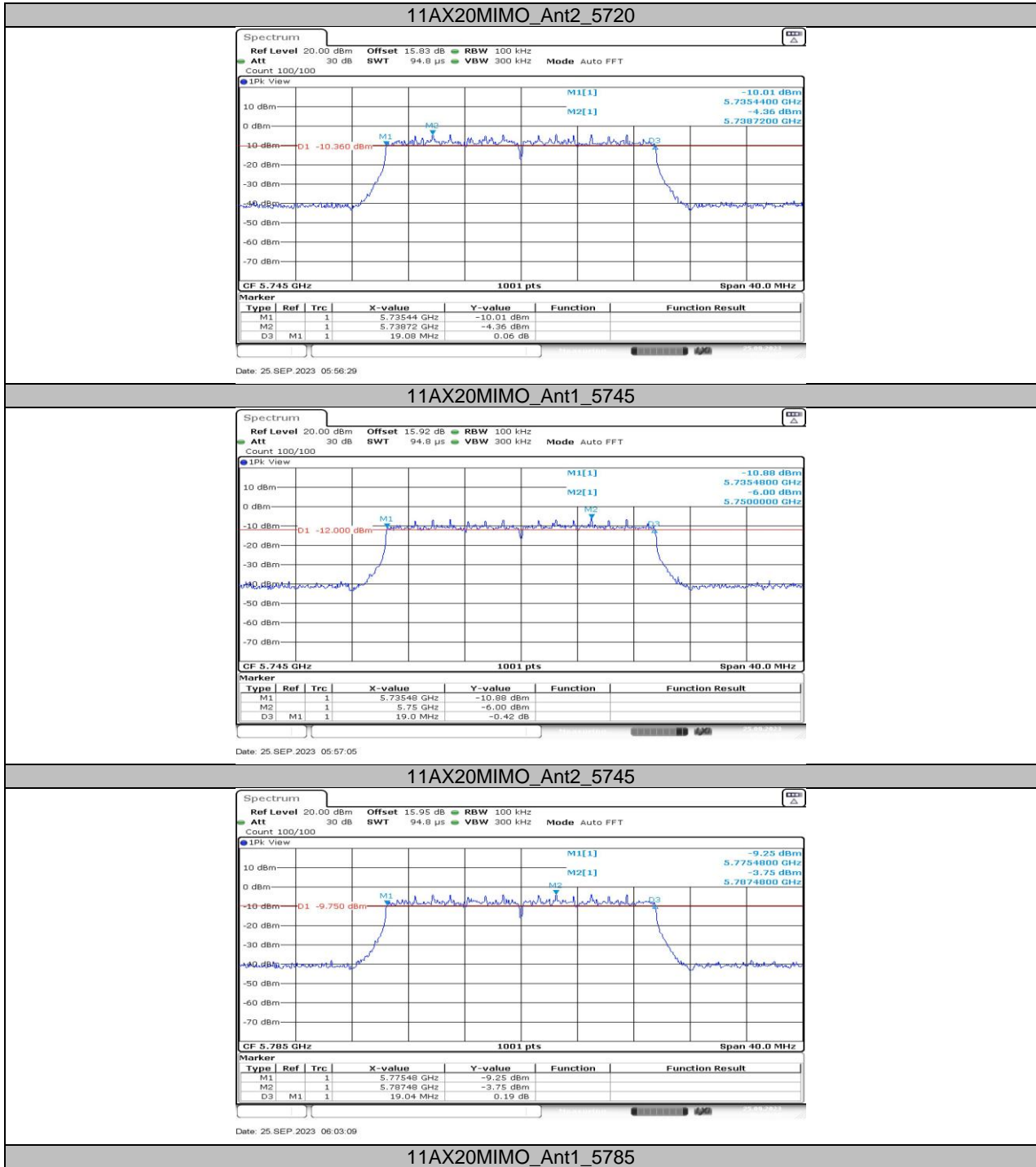
11N40MIMO_Ant1_5710

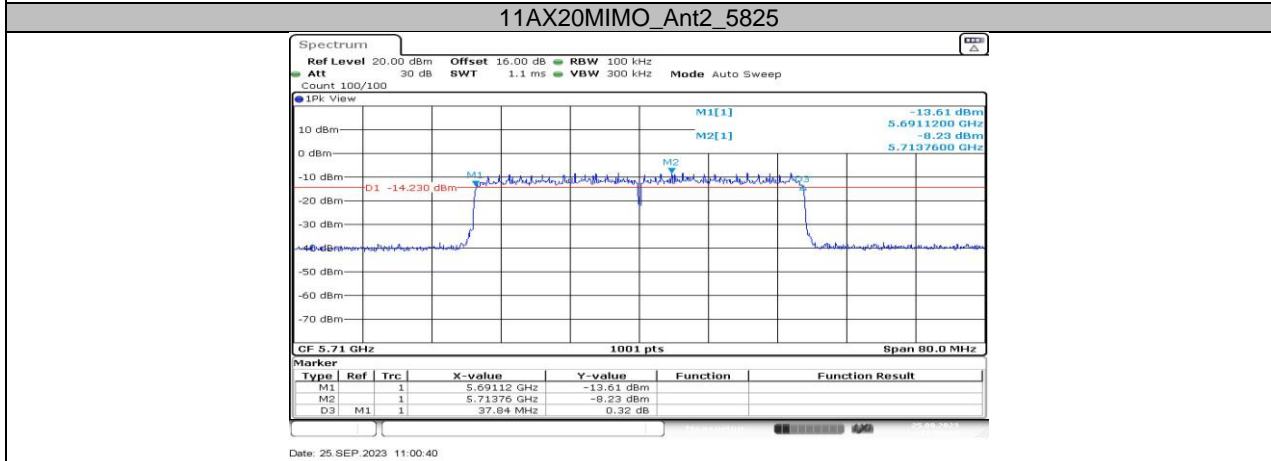
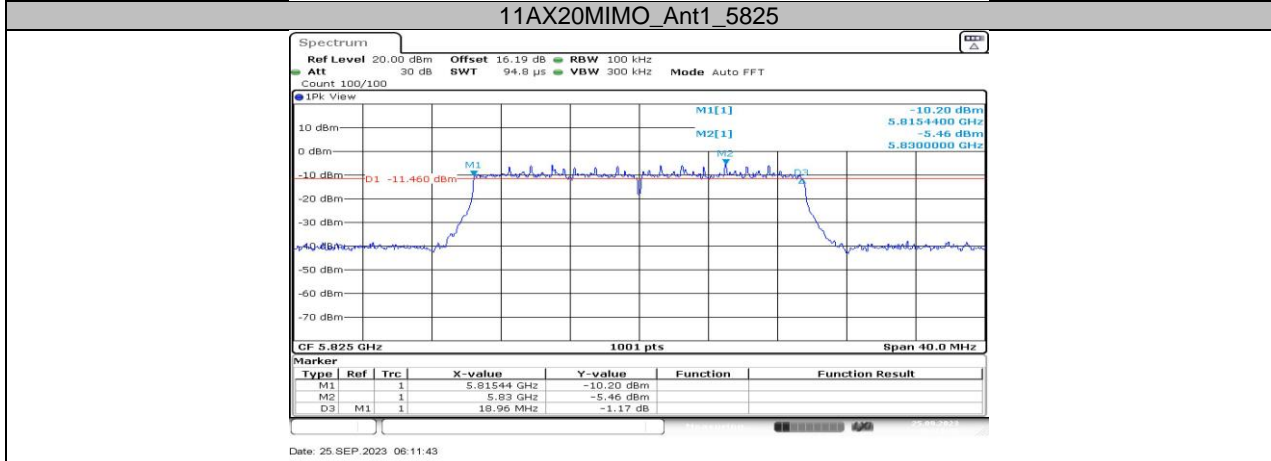
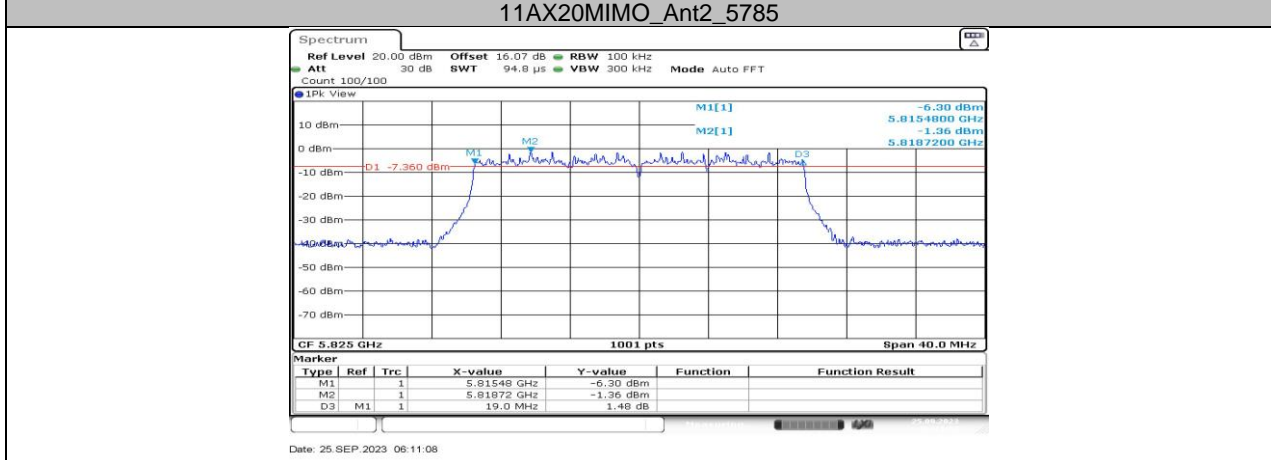
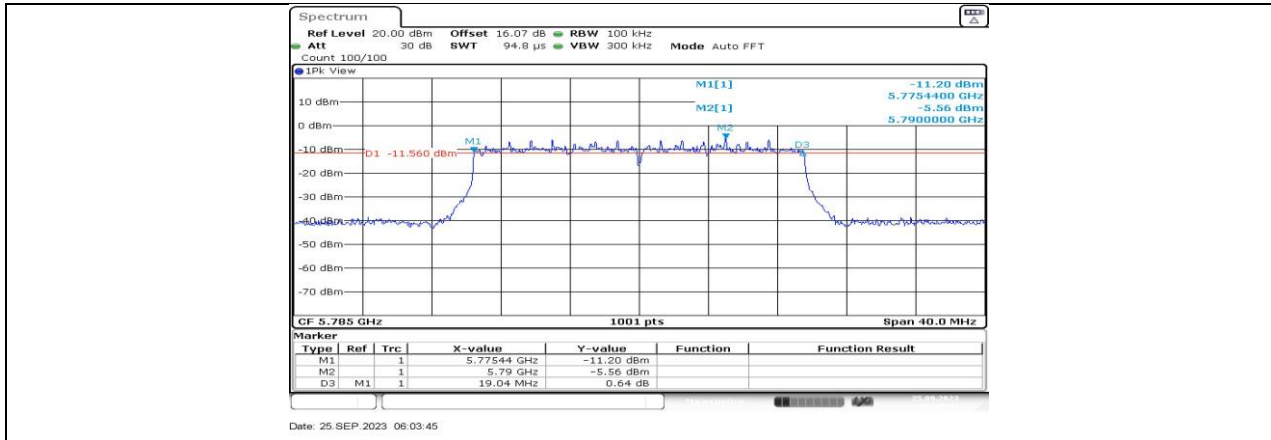


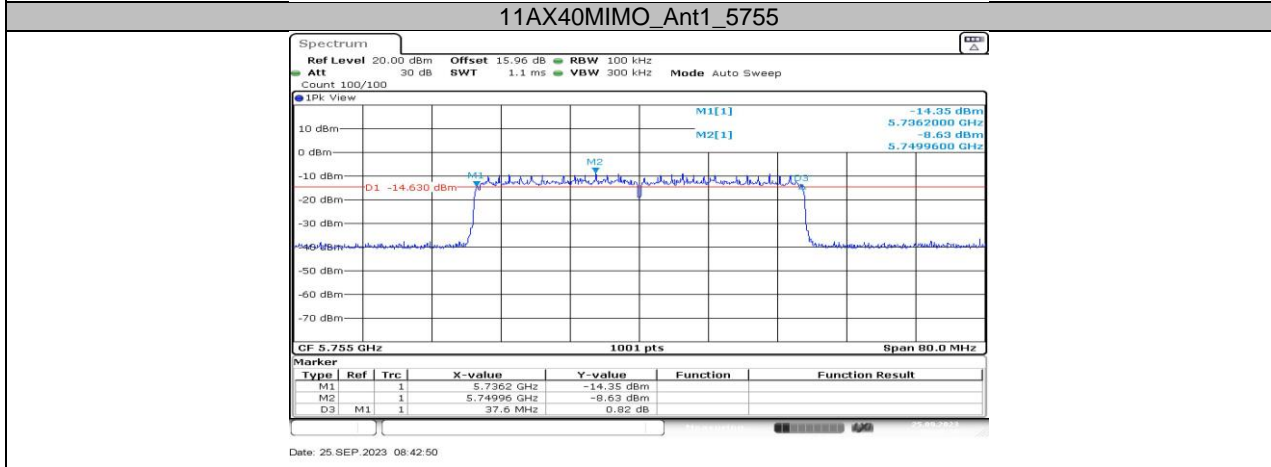
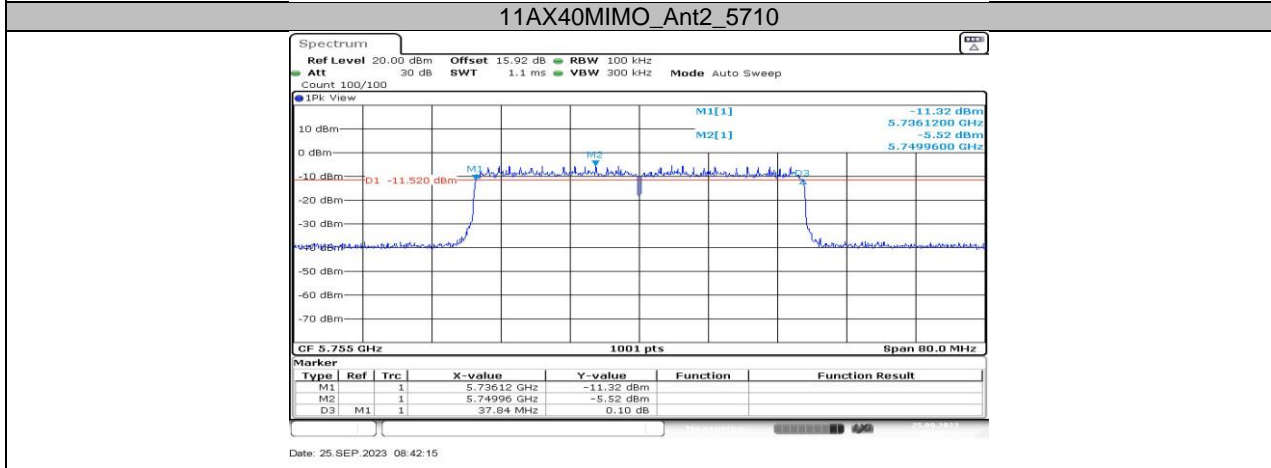
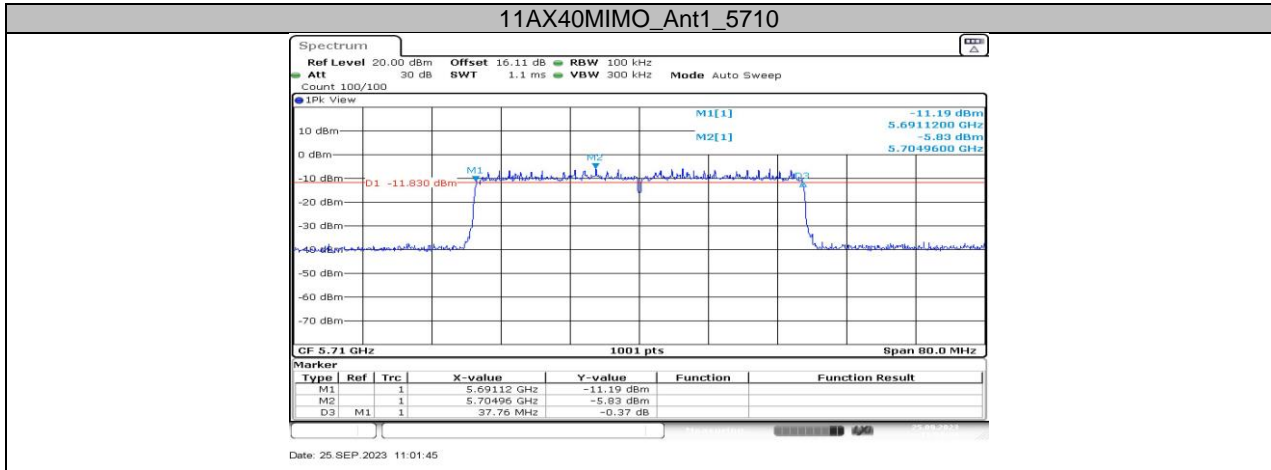


11AC80MIMO_Ant2_5690

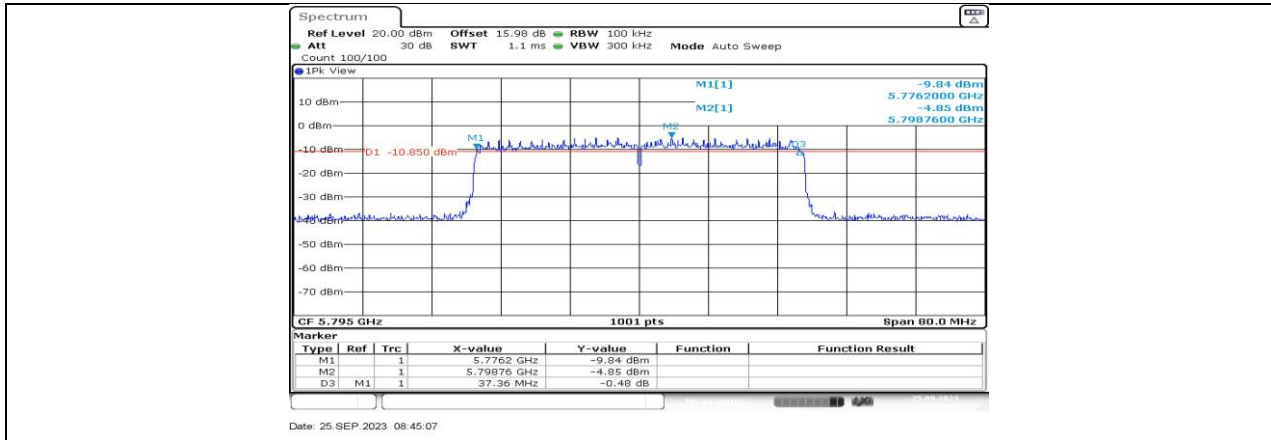




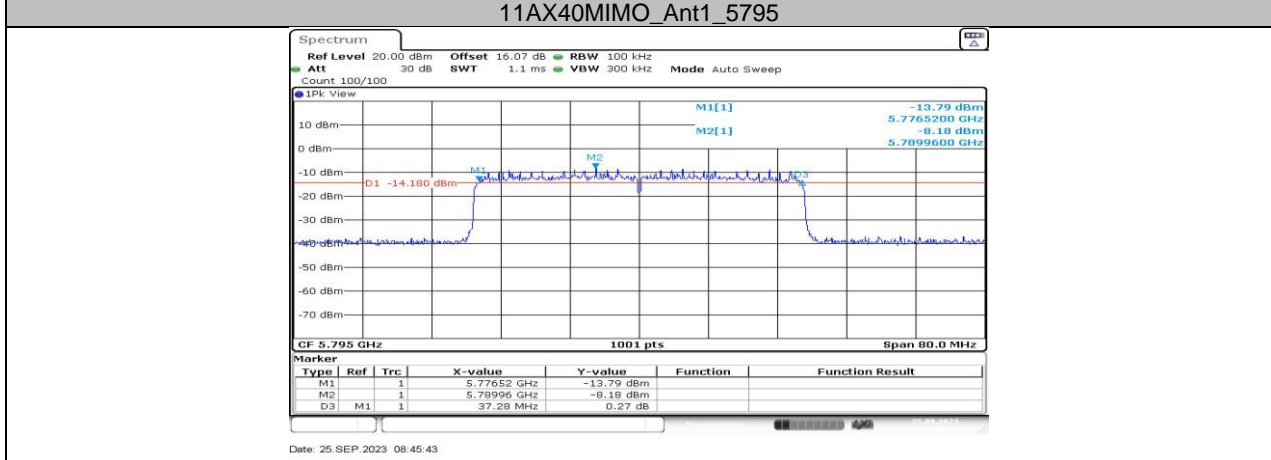




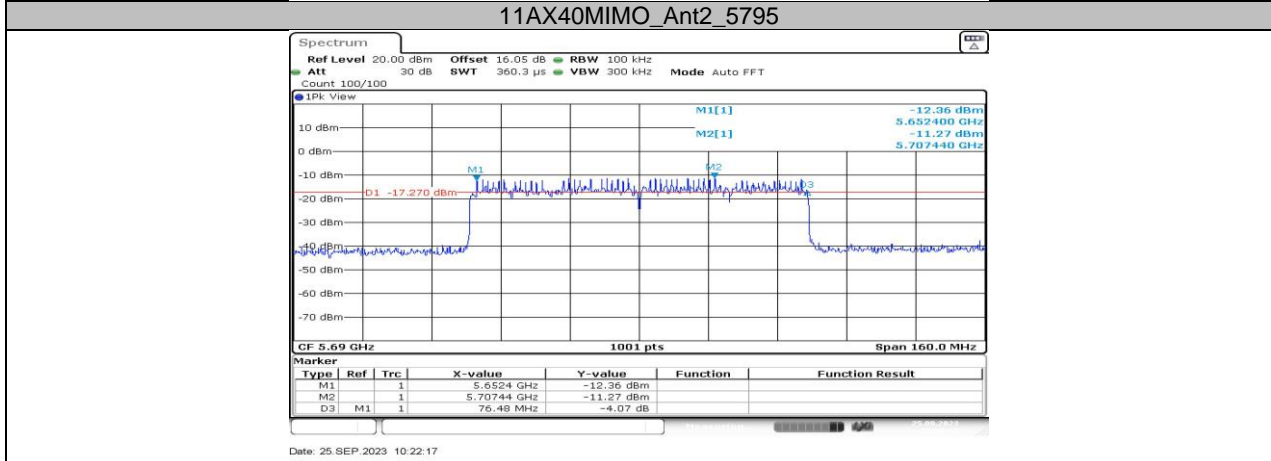
11AX40MIMO_Ant2_5755



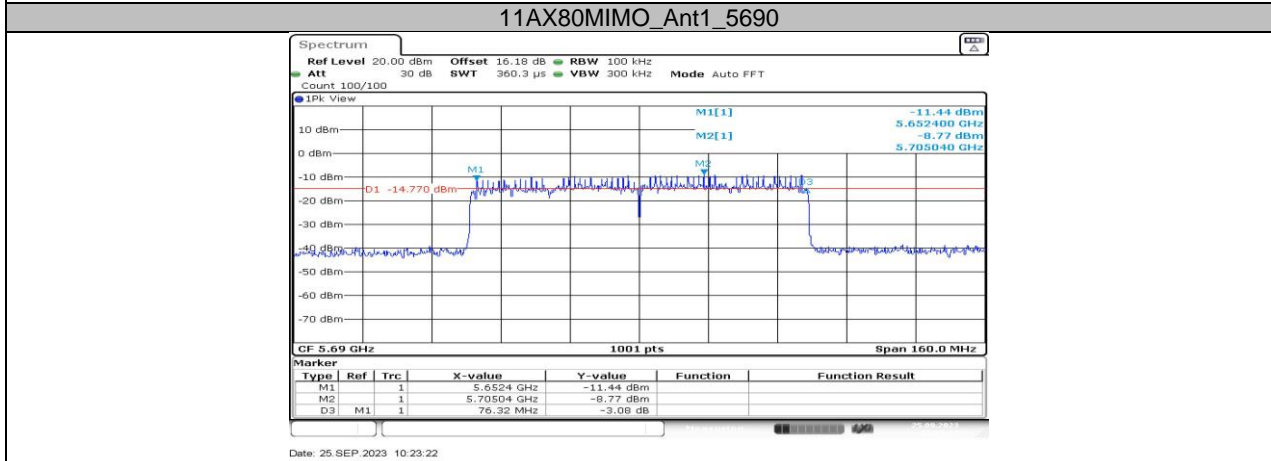
Date: 25.SEP.2023 08:45:07



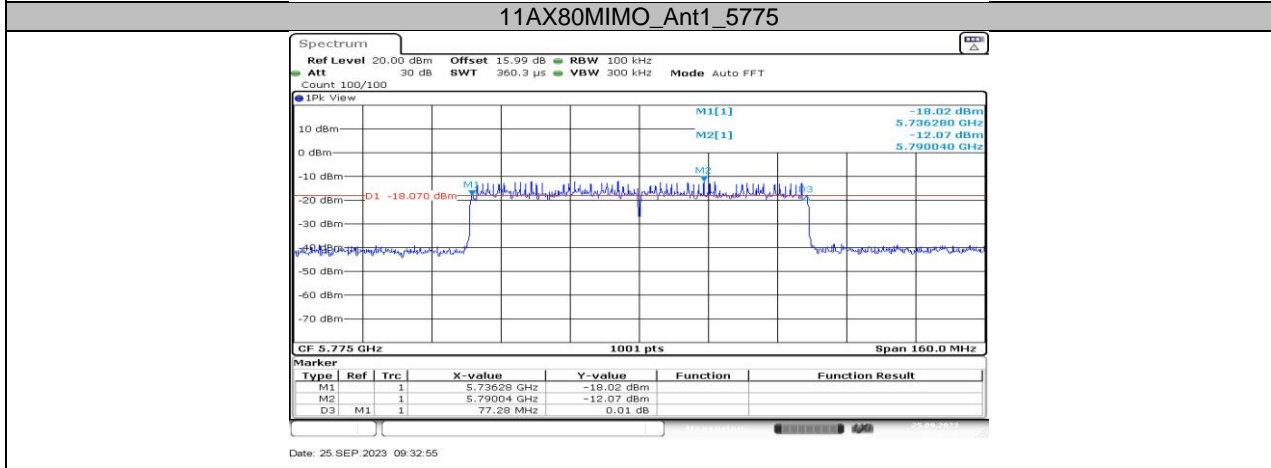
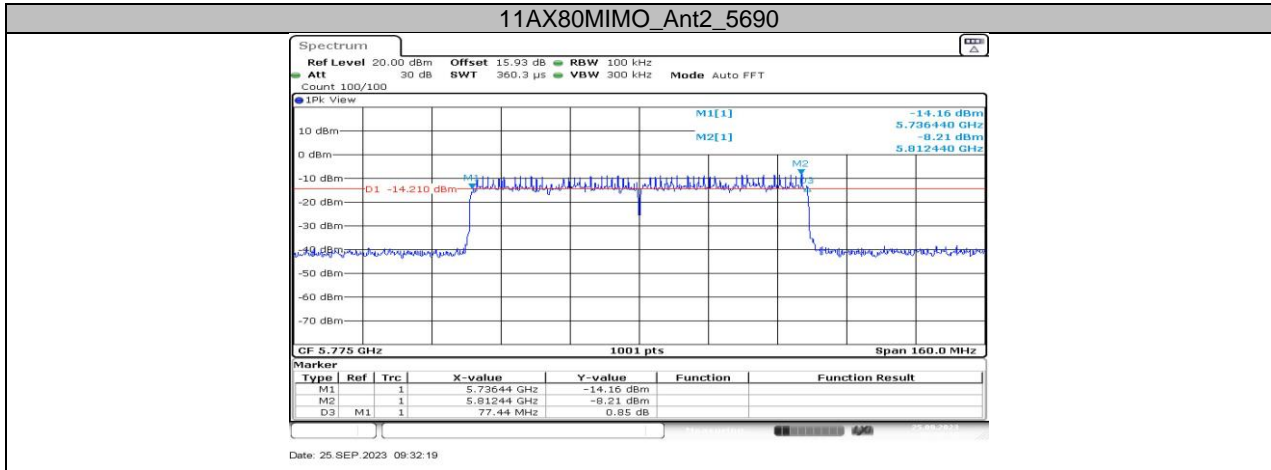
Date: 25.SEP.2023 08:45:43



Date: 25.SEP.2023 10:22:17



Date: 25.SEP.2023 10:23:22



11AX80MIMO_Ant2_5775

11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.4.1. Test Result

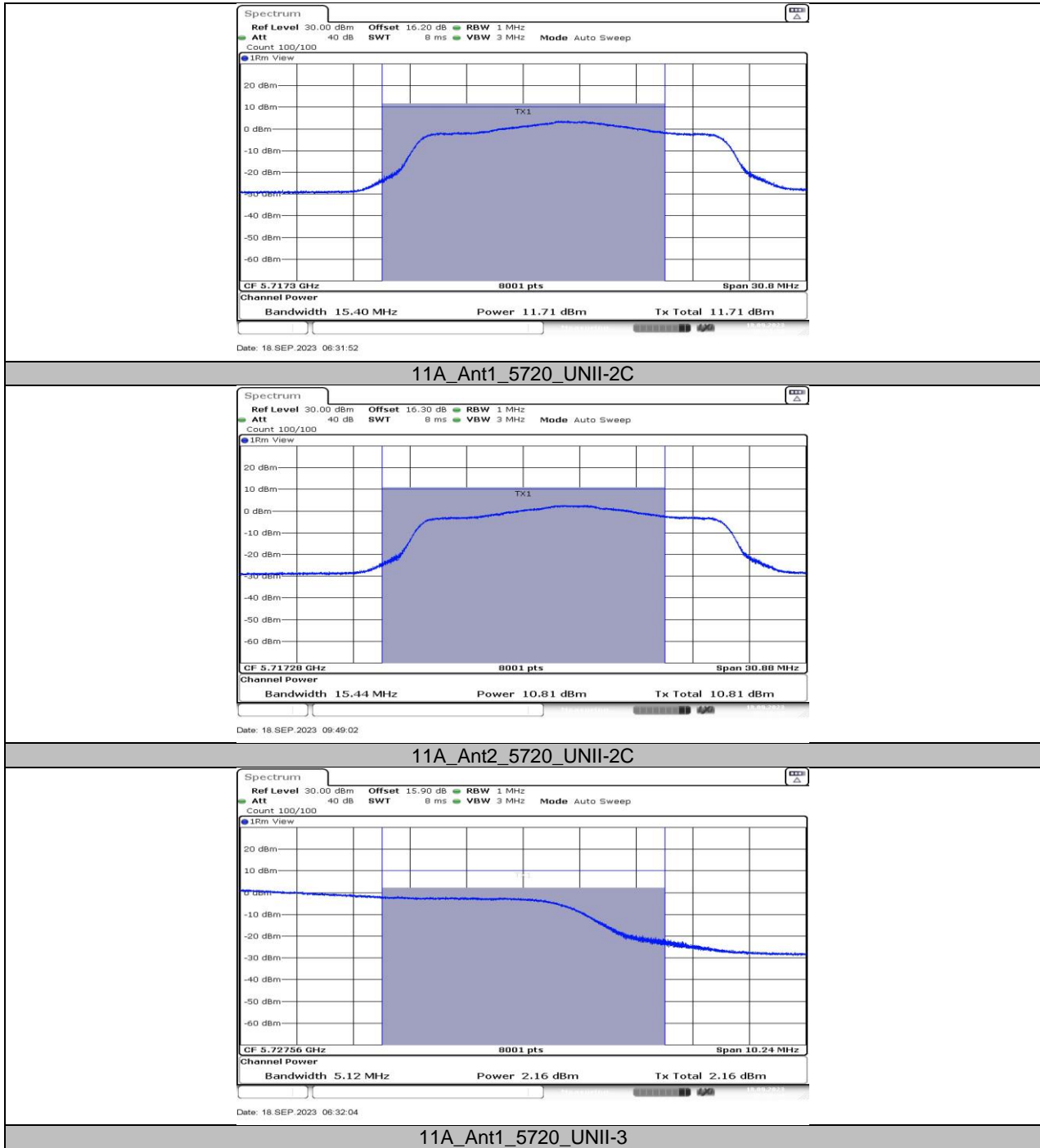
| Mode | Frequency (MHz) | Average Power (dBm) | | | Gain (dBi) | FCC Limit (dBm) | ISED EIRP (dBm) | | | ISED Limit (dBm) |
|--------------|-----------------|---------------------|-------|-------|------------|-----------------|-----------------|-------|-------|------------------|
| | | ANT1 | ANT2 | Total | | | ANT1 | ANT2 | Total | |
| 802.11a | 5180 | 14.71 | 14.06 | / | 5.52 | 24.00 | 20.23 | 19.58 | / | 22.40 |
| | 5200 | 14.95 | 14.24 | / | 5.52 | 24.00 | 20.47 | 19.76 | / | 22.40 |
| | 5240 | 14.87 | 14.12 | / | 5.52 | 24.00 | 20.39 | 19.64 | / | 22.40 |
| | 5260 | 14.45 | 14.05 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5280 | 14.35 | 14.14 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5320 | 14.45 | 14.69 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5500 | 14.06 | 14.94 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5580 | 14.42 | 14.41 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5700 | 14.57 | 14.20 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5720-2C | 11.71 | 10.81 | / | 5.52 | 24.00 | / | / | / | 23.40 |
| | 5720-3 | 2.16 | 1.46 | / | 5.52 | 30.00 | / | / | / | 24.00 |
| | 5745 | 14.74 | 14.13 | / | 5.52 | 30.00 | / | / | / | 30.00 |
| | 5785 | 14.82 | 14.39 | / | 5.52 | 30.00 | / | / | / | 30.00 |
| | 5825 | 14.53 | 14.80 | / | 5.52 | 30.00 | / | / | / | 30.00 |
| 802.11n HT20 | 5180 | 9.64 | 7.28 | 11.63 | 5.52 | 24.00 | / | / | 17.15 | 22.62 |
| | 5200 | 9.78 | 7.03 | 11.63 | 5.52 | 24.00 | / | / | 17.15 | 22.62 |
| | 5240 | 9.82 | 7.20 | 11.71 | 5.52 | 24.00 | / | / | 17.23 | 22.62 |
| | 5260 | 13.41 | 12.39 | 15.94 | 5.52 | 24.00 | / | / | / | 23.62 |
| | 5280 | 13.29 | 12.48 | 15.91 | 5.52 | 24.00 | / | / | / | 23.62 |
| | 5320 | 13.64 | 12.20 | 15.99 | 5.52 | 24.00 | / | / | / | 23.62 |
| | 5500 | 12.59 | 13.54 | 16.10 | 5.52 | 24.00 | / | / | / | 23.62 |
| | 5580 | 13.23 | 13.83 | 16.55 | 5.52 | 24.00 | / | / | / | 23.62 |
| | 5700 | 12.90 | 11.94 | 15.42 | 5.52 | 24.00 | / | / | / | 23.62 |
| | 5720-2C | 10.30 | 8.82 | 12.63 | 5.52 | 25.00 | / | / | / | 23.62 |
| | 5720-3 | 1.29 | 0.37 | 3.86 | 5.52 | 29.00 | / | / | / | 24.00 |
| | 5745 | 13.09 | 12.52 | 15.82 | 5.52 | 30.00 | / | / | / | 30.00 |
| 5785 | 13.97 | 12.88 | 16.47 | 5.52 | 30.00 | / | / | / | 30.00 | |
| 5825 | 13.83 | 12.86 | 16.38 | 5.52 | 30.00 | / | / | / | 30.00 | |
| 802.11n HT40 | 5190 | 13.65 | 11.70 | 15.79 | 5.52 | 24.00 | / | / | 21.31 | 23.00 |
| | 5230 | 13.70 | 11.61 | 15.79 | 5.52 | 24.00 | / | / | 21.31 | 23.00 |
| | 5270 | 12.33 | 11.32 | 14.86 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5310 | 11.54 | 10.85 | 14.22 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5510 | 13.31 | 10.65 | 15.19 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5550 | 13.41 | 11.12 | 15.42 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5670 | 12.21 | 12.09 | 15.16 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5710-2C | 9.47 | 8.89 | 12.20 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5710-3 | -1.46 | -1.93 | 1.32 | 5.52 | 30.00 | / | / | / | 24.00 |
| 5755 | 13.79 | 11.93 | 15.97 | 5.52 | 30.00 | / | / | / | 30.00 | |

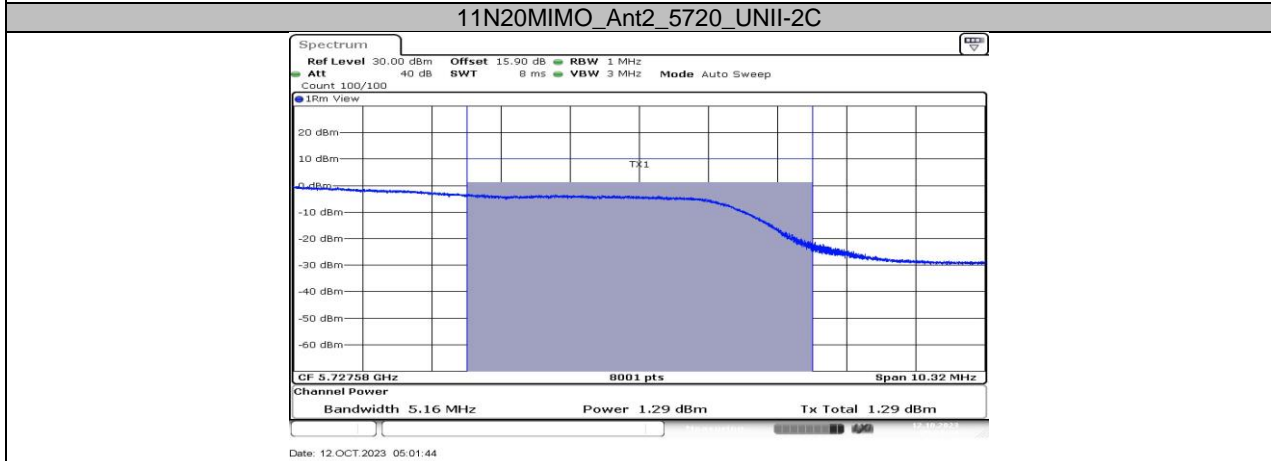
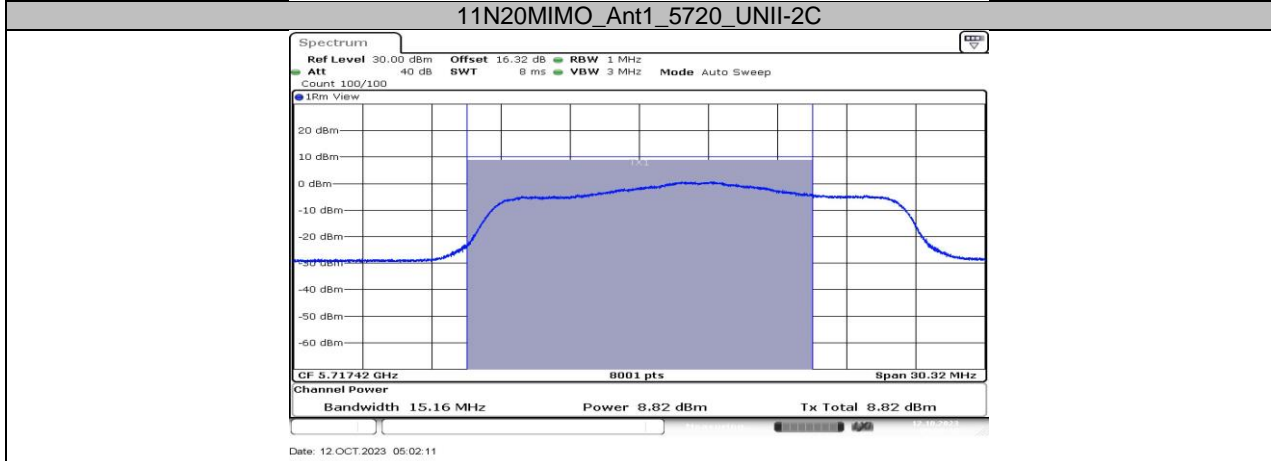
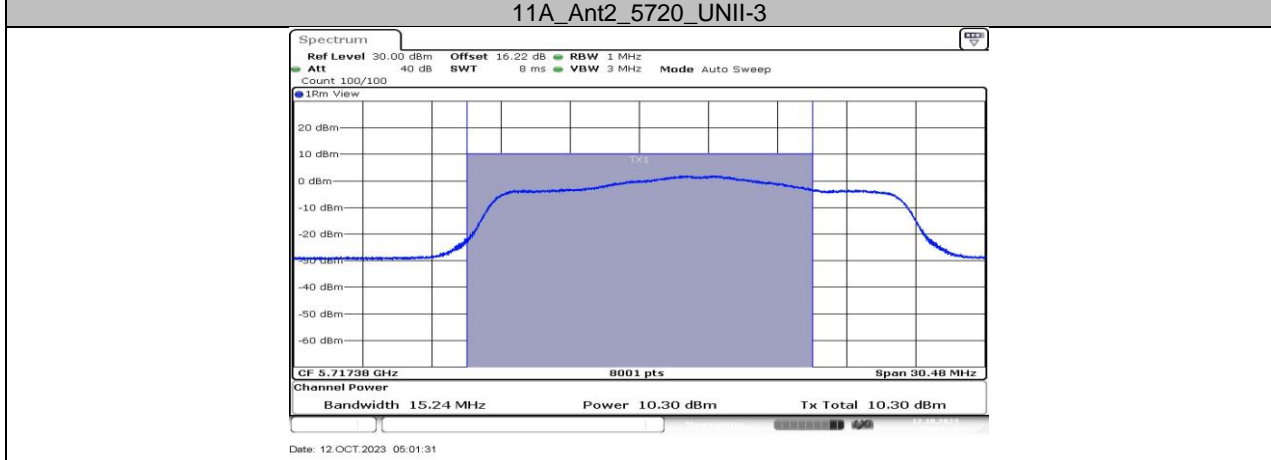
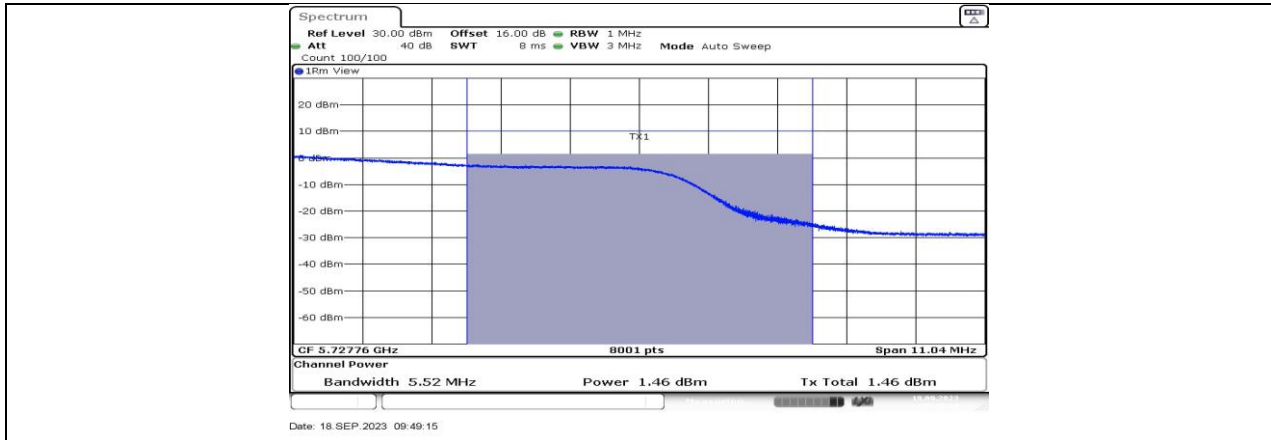
| | | | | | | | | | | |
|-------------------|---------|--------|-------|-------|-------|-------|---|---|-------|-------|
| | 5795.00 | 13.42 | 12.44 | 15.97 | 5.52 | 30.00 | / | / | / | 30.00 |
| 802.11ac VHT80 | 5210 | 9.63 | 7.71 | 11.79 | 5.52 | 24.00 | / | / | 17.31 | 23.00 |
| | 5290 | 8.78 | 7.59 | 11.24 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5530 | 11.00 | 9.00 | 13.12 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5610 | 10.28 | 8.31 | 12.42 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5690-2C | 8.51 | 7.60 | 11.09 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5690-3 | -6.06 | -7.51 | -3.71 | 5.52 | 30.00 | / | / | / | 24.00 |
| | 5775 | 11.68 | 9.74 | 13.83 | 5.52 | 30.00 | / | / | / | 30.00 |
| 802.11ax HE20 | 5180 | 9.82 | 9.31 | 12.58 | 5.52 | 24.00 | / | / | 18.10 | 22.50 |
| | 5200 | 10.02 | 9.51 | 12.78 | 5.52 | 24.00 | / | / | 18.30 | 22.50 |
| | 5240 | 9.69 | 9.62 | 12.67 | 5.52 | 24.00 | / | / | 18.19 | 22.50 |
| | 5260 | 8.95 | 10.08 | 12.56 | 5.52 | 24.00 | / | / | / | 23.50 |
| | 5280 | 9.11 | 10.05 | 12.62 | 5.52 | 24.00 | / | / | / | 23.50 |
| | 5320 | 9.08 | 9.75 | 12.44 | 5.52 | 24.00 | / | / | / | 23.50 |
| | 5500 | 9.72 | 10.86 | 13.34 | 5.52 | 24.00 | / | / | / | 23.50 |
| | 5580 | 9.59 | 11.10 | 13.42 | 5.52 | 24.00 | / | / | / | 23.50 |
| | 5700 | 9.24 | 10.52 | 12.94 | 5.52 | 24.00 | / | / | / | 23.50 |
| | 5720-2C | 6.08 | 7.99 | 10.15 | 5.52 | 25.00 | / | / | / | 23.50 |
| | 5720-3 | -1.75 | 0.17 | 2.33 | 5.52 | 29.00 | / | / | / | 24.00 |
| | 5745 | 9.59 | 7.44 | 11.66 | 5.52 | 30.00 | / | / | / | 30.00 |
| | 5785 | 10.17 | 7.92 | 12.20 | 5.52 | 30.00 | / | / | / | 30.00 |
| 5825 | 9.95 | 7.11 | 11.77 | 5.52 | 30.00 | / | / | / | 30.00 | |
| 802.11ax HE40 | 5190 | 9.58 | 8.11 | 11.92 | 5.52 | 24.00 | / | / | 17.44 | 23.00 |
| | 5230 | 10.06 | 8.08 | 12.19 | 5.52 | 24.00 | / | / | 17.71 | 23.00 |
| | 5270 | 9.57 | 8.79 | 12.21 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5310 | 9.48 | 8.49 | 12.02 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5510 | 8.49 | 10.05 | 12.35 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5550 | 7.59 | 10.06 | 12.01 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5670 | 8.80 | 10.10 | 12.51 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5710-2C | 5.79 | 7.88 | 9.97 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5710-3 | -6.84 | -4.84 | -2.72 | 5.52 | 30.00 | / | / | / | 24.00 |
| | 5755 | 10.90 | 7.21 | 12.45 | 5.52 | 30.00 | / | / | / | 30.00 |
| 5795 | 11.25 | 7.71 | 12.84 | 5.52 | 30.00 | / | / | / | 30.00 | |
| 802.11ax HE80 | 5210 | 9.83 | 8.15 | 12.08 | 5.52 | 24.00 | / | / | 17.60 | 23.00 |
| | 5290 | 9.60 | 9.09 | 12.36 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5530 | 7.95 | 10.22 | 12.24 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5610 | 8.54 | 10.59 | 12.70 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5690-2C | 6.41 | 8.31 | 10.47 | 5.52 | 24.00 | / | / | / | 24.00 |
| | 5690-3 | -10.16 | -8.10 | -6.00 | 5.52 | 30.00 | / | / | / | 24.00 |
| | 5775 | 10.42 | 7.71 | 12.28 | 5.52 | 30.00 | / | / | / | 30.00 |

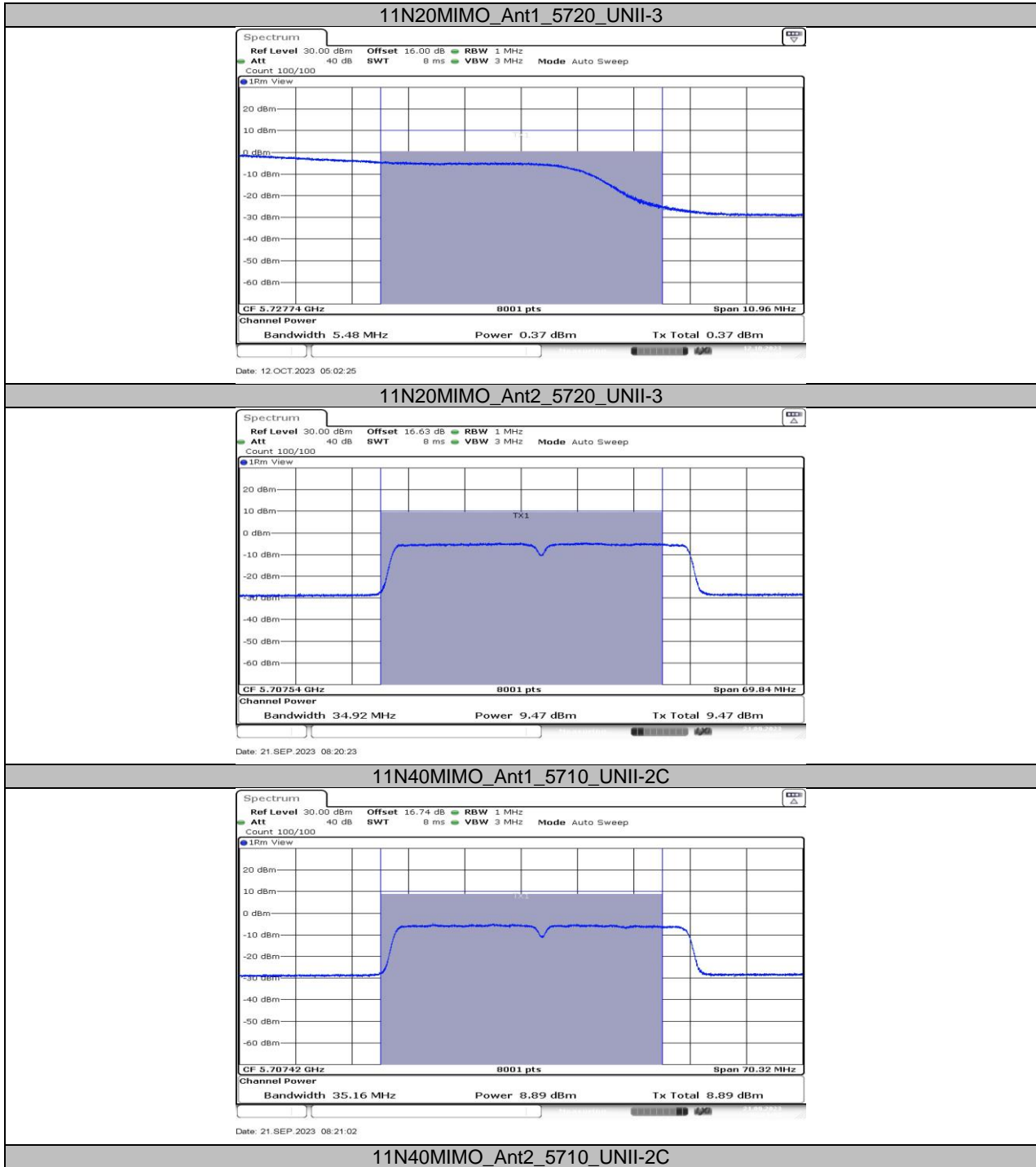
Note: 1. Conducted Power=Meas. Level+ Correction Factor

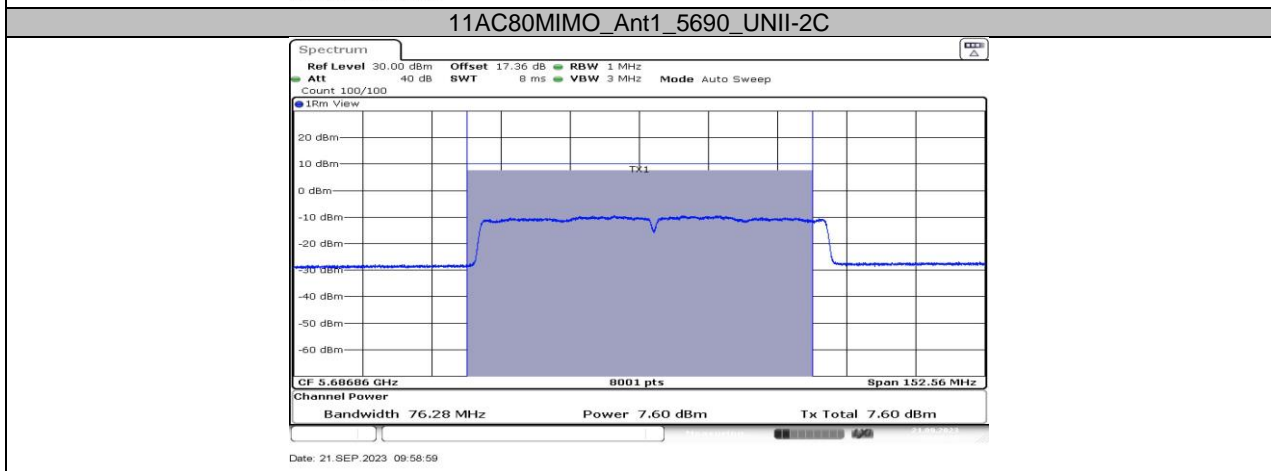
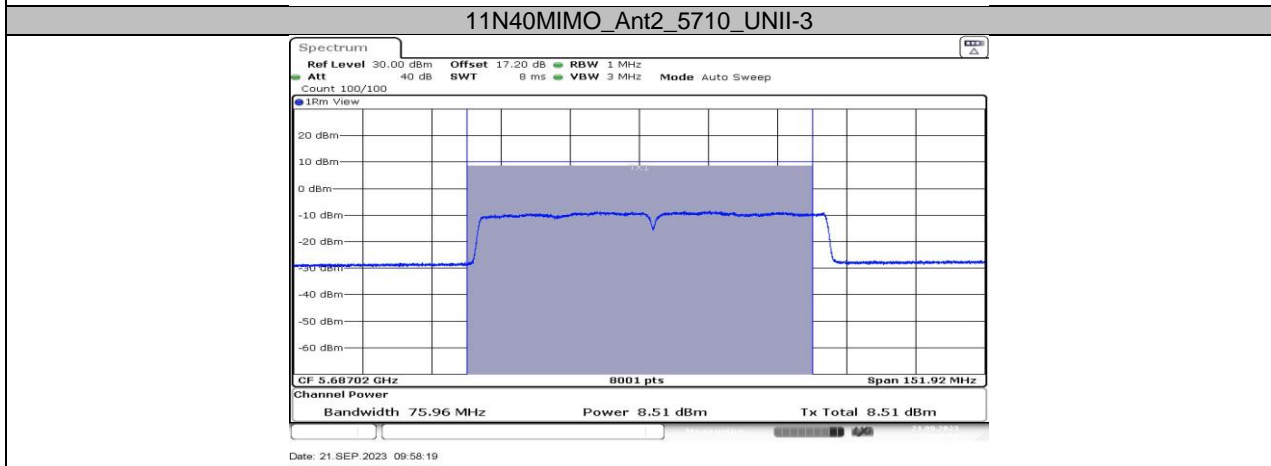
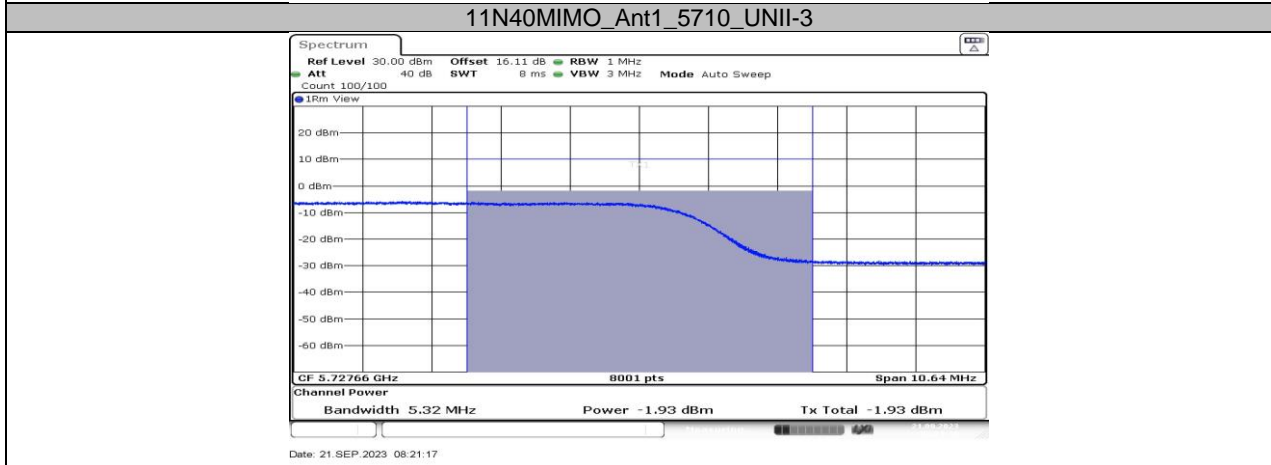
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

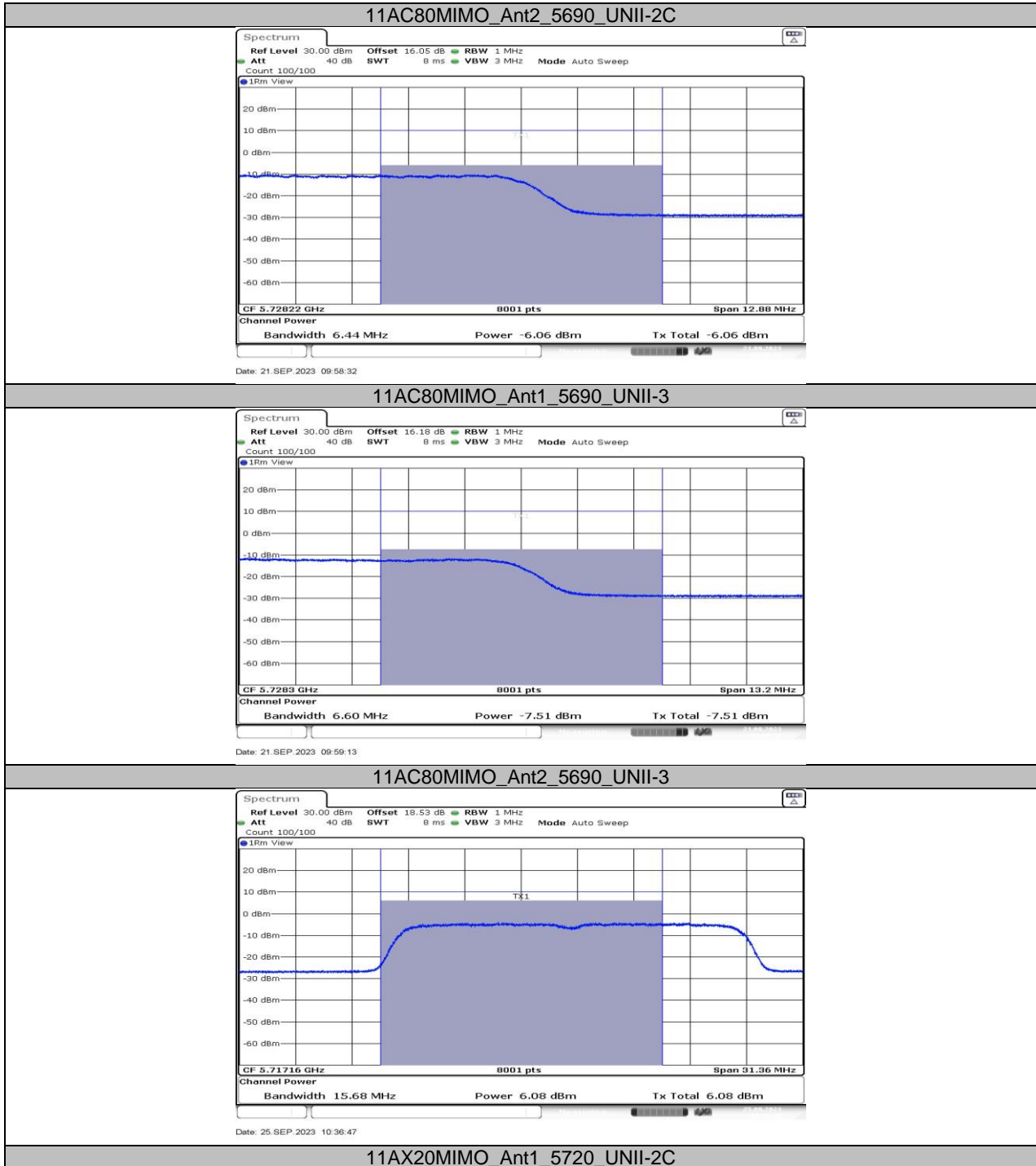
11.4.2. Test Graphs

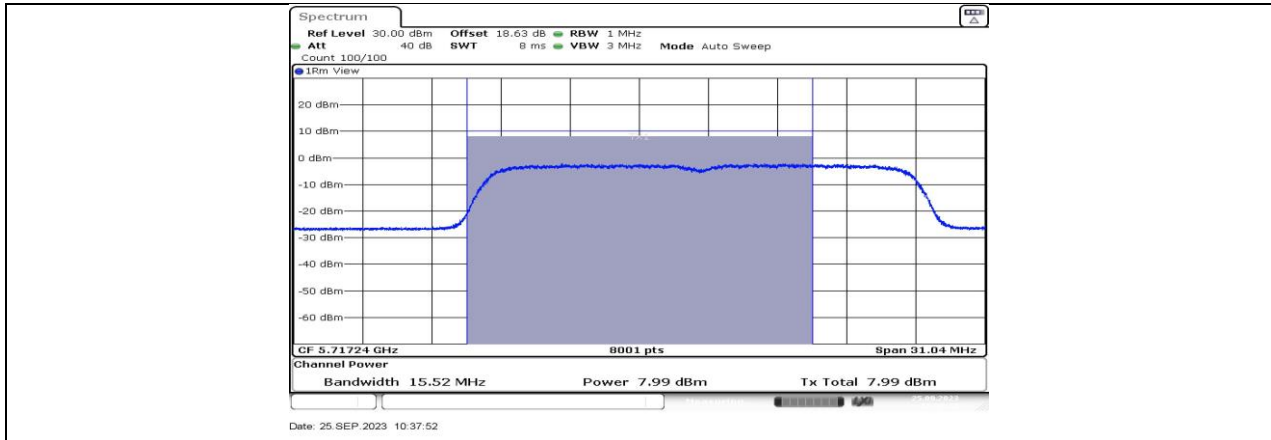




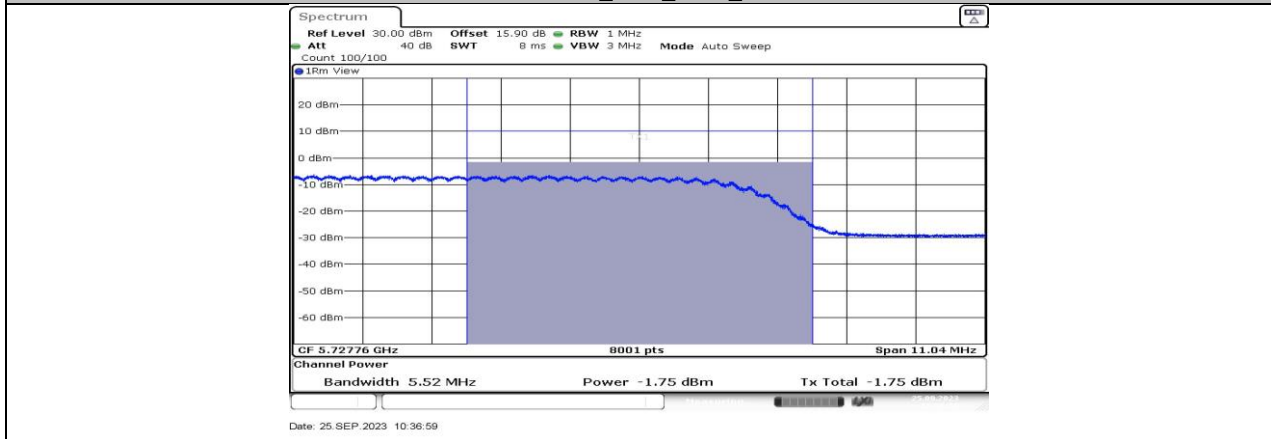








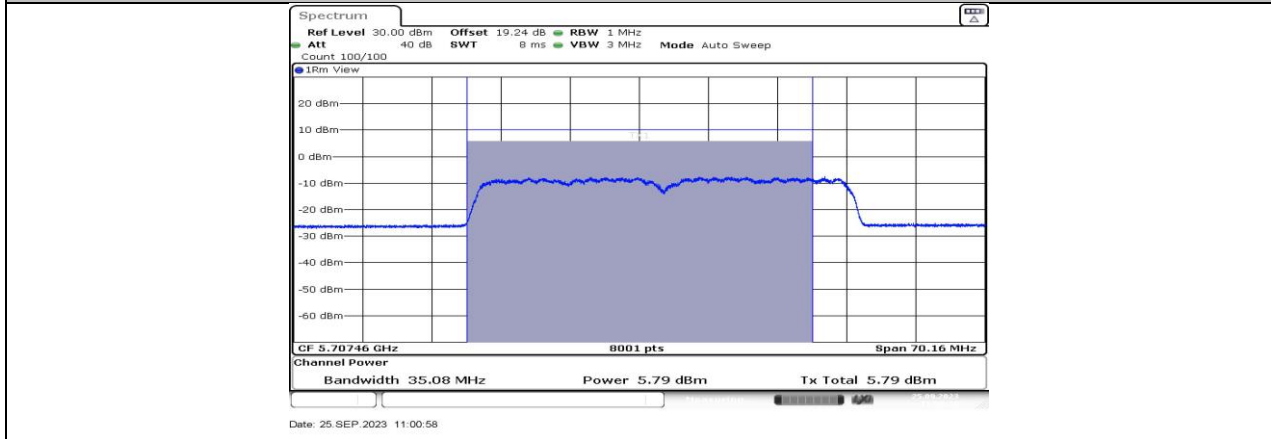
11AX20MIMO_Ant2_5720_UNII-2C

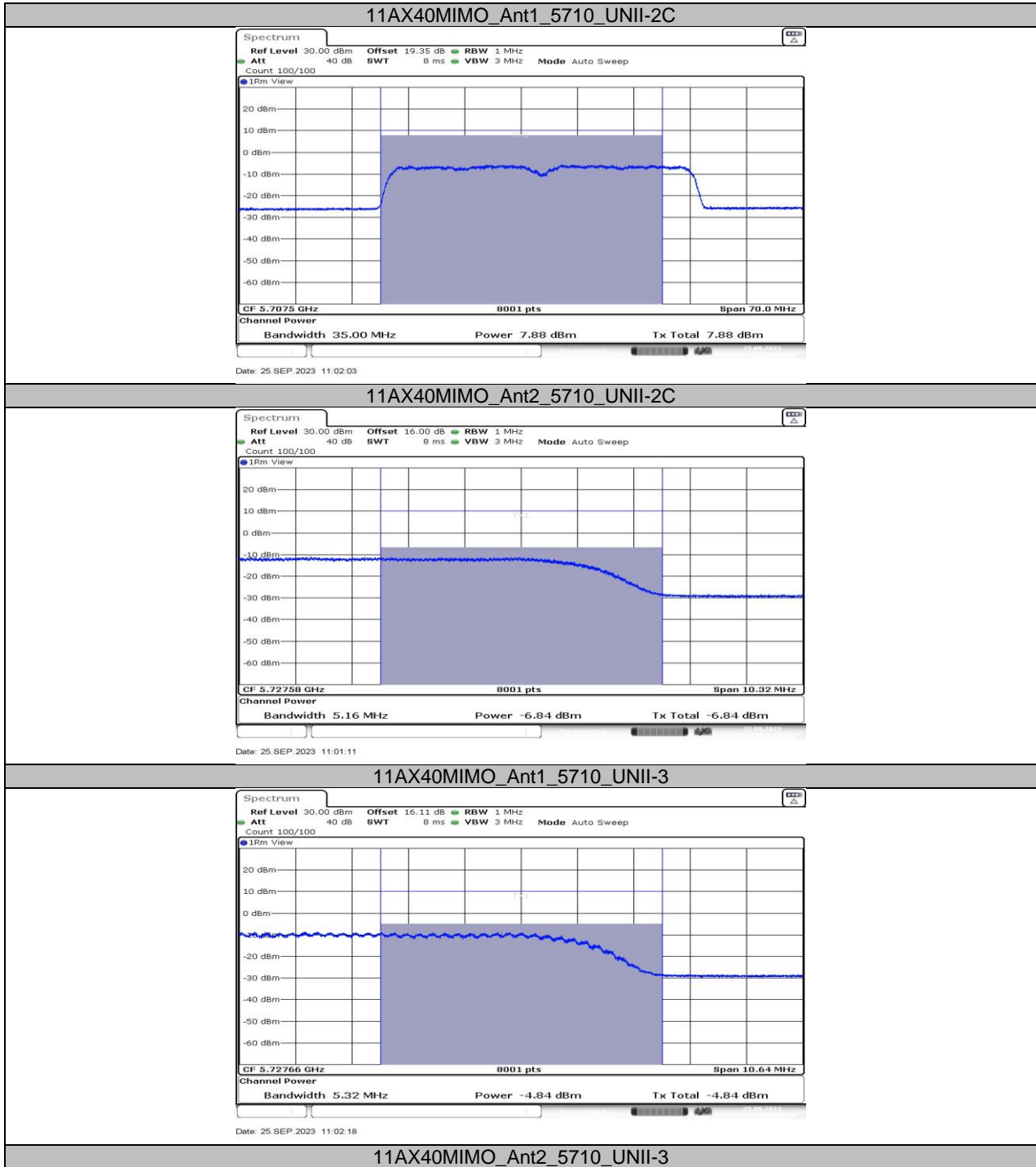


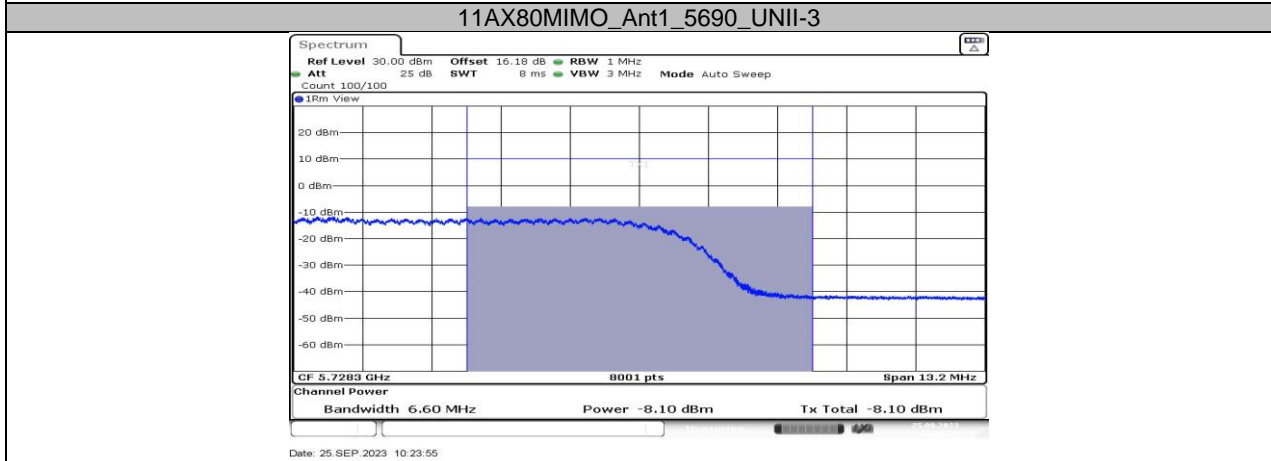
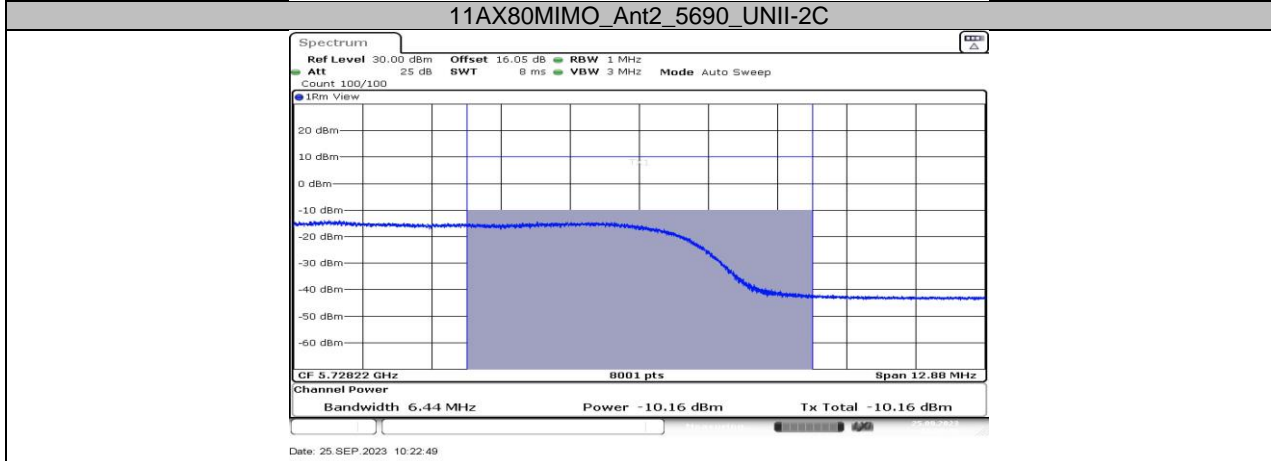
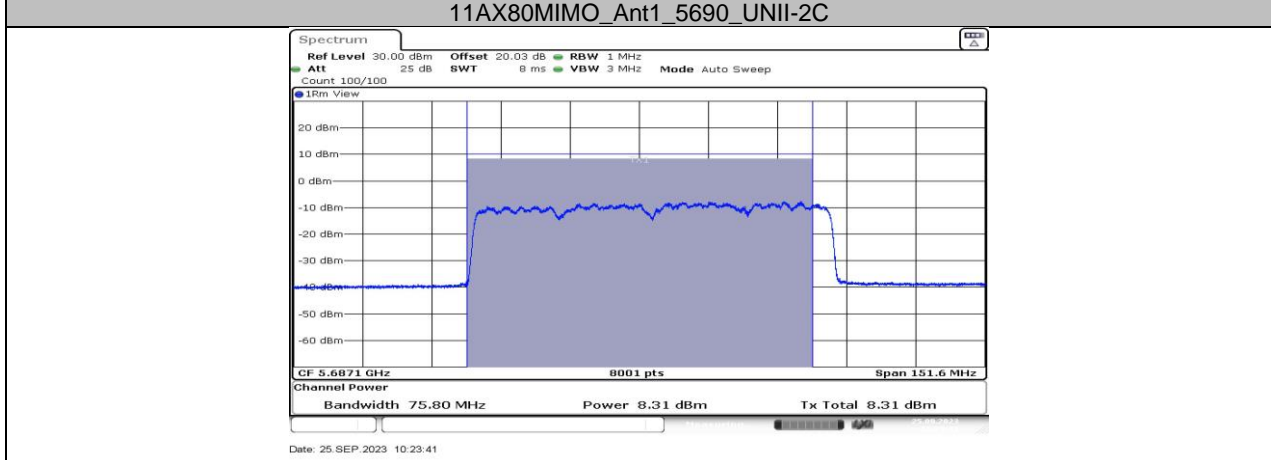
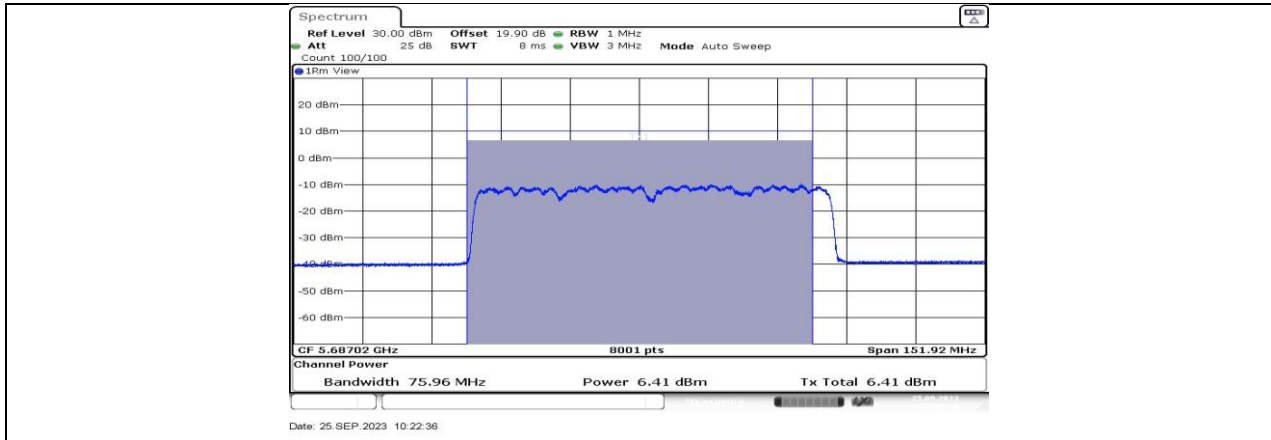
11AX20MIMO_Ant1_5720_UNII-3



11AX20MIMO_Ant2_5720_UNII-3







| |
|-----------------------------|
| 11AX80MIMO_Ant2_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 | Ant1 | 5180 | 3.68 | ≤11.00 | 9.20 | ≤10.00 | PASS |
| | Ant2 | 5180 | 3.13 | ≤11.00 | 8.65 | ≤10.00 | PASS |
| | Ant1 | 5200 | 3.83 | ≤11.00 | 9.35 | ≤10.00 | PASS |
| | Ant2 | 5200 | 3.45 | ≤11.00 | 8.97 | ≤10.00 | PASS |
| | Ant1 | 5240 | 3.72 | ≤11.00 | 9.24 | ≤10.00 | PASS |
| | Ant2 | 5240 | 3.17 | ≤11.00 | 8.69 | ≤10.00 | PASS |
| | Ant1 | 5260 | 3.07 | ≤11.00 | 8.59 | --- | PASS |
| | Ant2 | 5260 | 3.2 | ≤11.00 | 8.72 | --- | PASS |
| | Ant1 | 5280 | 3.37 | ≤11.00 | 8.89 | --- | PASS |
| | Ant2 | 5280 | 3.49 | ≤11.00 | 9.01 | --- | PASS |
| | Ant1 | 5320 | 3.28 | ≤11.00 | 8.80 | --- | PASS |
| | Ant2 | 5320 | 3.81 | ≤11.00 | 9.33 | --- | PASS |
| | Ant1 | 5500 | 2.86 | ≤11.00 | 8.38 | --- | PASS |
| | Ant2 | 5500 | 4.08 | ≤11.00 | 9.60 | --- | PASS |
| | Ant1 | 5580 | 3.31 | ≤11.00 | 8.83 | --- | PASS |
| | Ant2 | 5580 | 3.76 | ≤11.00 | 9.28 | --- | PASS |
| | Ant1 | 5700 | 3.8 | ≤11.00 | 9.32 | --- | PASS |
| | Ant2 | 5700 | 3.36 | ≤11.00 | 8.88 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 3.43 | ≤11.00 | 8.95 | --- | PASS |
| | Ant2 | 5720_UNII-2C | 2.59 | ≤11.00 | 8.11 | --- | PASS |
| | Ant1 | 5720_UNII-3 | -4.89 | ≤30.00 | 0.63 | --- | PASS |
| | Ant2 | 5720_UNII-3 | -5.33 | ≤30.00 | 0.19 | --- | PASS |
| | Ant1 | 5745 | 1.02 | ≤30.00 | 6.54 | --- | PASS |
| | Ant2 | 5745 | 0.64 | ≤30.00 | 6.16 | --- | PASS |
| | Ant1 | 5785 | 1.57 | ≤30.00 | 7.09 | --- | PASS |
| | Ant2 | 5785 | 1.23 | ≤30.00 | 6.75 | --- | PASS |
| | Ant1 | 5825 | 1.26 | ≤30.00 | 6.78 | --- | PASS |
| | Ant2 | 5825 | 1.52 | ≤30.00 | 7.04 | --- | PASS |
| 11N20MIMO | Ant1 | 5180 | -1.15 | ≤11.00 | 4.37 | ≤10.00 | PASS |
| | Ant2 | 5180 | -3.84 | ≤11.00 | 1.68 | ≤10.00 | PASS |
| | total | 5180 | 0.72 | ≤11.00 | 6.24 | ≤10.00 | PASS |
| | Ant1 | 5200 | -1.06 | ≤11.00 | 4.46 | ≤10.00 | PASS |
| | Ant2 | 5200 | -4.15 | ≤11.00 | 1.37 | ≤10.00 | PASS |
| | total | 5200 | 0.67 | ≤11.00 | 6.19 | ≤10.00 | PASS |
| | Ant1 | 5240 | -1.03 | ≤11.00 | 4.49 | ≤10.00 | PASS |
| | Ant2 | 5240 | -3.99 | ≤11.00 | 1.53 | ≤10.00 | PASS |
| | total | 5240 | 0.75 | ≤11.00 | 6.27 | ≤10.00 | PASS |
| | Ant1 | 5260 | 3.08 | ≤11.00 | 8.60 | --- | PASS |
| | Ant2 | 5260 | 0.77 | ≤11.00 | 6.29 | --- | PASS |
| | total | 5260 | 5.09 | ≤11.00 | 10.61 | --- | PASS |
| | Ant1 | 5280 | 2.76 | ≤11.00 | 8.28 | --- | PASS |
| | Ant2 | 5280 | 0.83 | ≤11.00 | 6.35 | --- | PASS |
| | total | 5280 | 4.91 | ≤11.00 | 10.43 | --- | PASS |
| | Ant1 | 5320 | 3.98 | ≤11.00 | 9.50 | --- | PASS |
| | Ant2 | 5320 | 1.41 | ≤11.00 | 6.93 | --- | PASS |
| | total | 5320 | 5.89 | ≤11.00 | 11.41 | --- | PASS |
| | Ant1 | 5500 | 1.42 | ≤11.00 | 6.94 | --- | PASS |
| | Ant2 | 5500 | 2.66 | ≤11.00 | 8.18 | --- | PASS |
| | total | 5500 | 5.09 | ≤11.00 | 10.61 | --- | PASS |
| | Ant1 | 5580 | 2.11 | ≤11.00 | 7.63 | --- | PASS |
| | Ant2 | 5580 | 2.58 | ≤11.00 | 8.10 | --- | PASS |
| | total | 5580 | 5.36 | ≤11.00 | 10.88 | --- | PASS |
| | Ant1 | 5700 | 2.04 | ≤11.00 | 7.56 | --- | PASS |
| | Ant2 | 5700 | 0.74 | ≤11.00 | 6.26 | --- | PASS |
| | total | 5700 | 4.45 | ≤11.00 | 9.97 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 2.25 | ≤11.00 | 7.77 | --- | PASS |
| | Ant2 | 5720_UNII-2C | -0.06 | ≤11.00 | 5.46 | --- | PASS |
| | total | 5720_UNII-2C | 4.26 | ≤11.00 | 9.78 | --- | PASS |

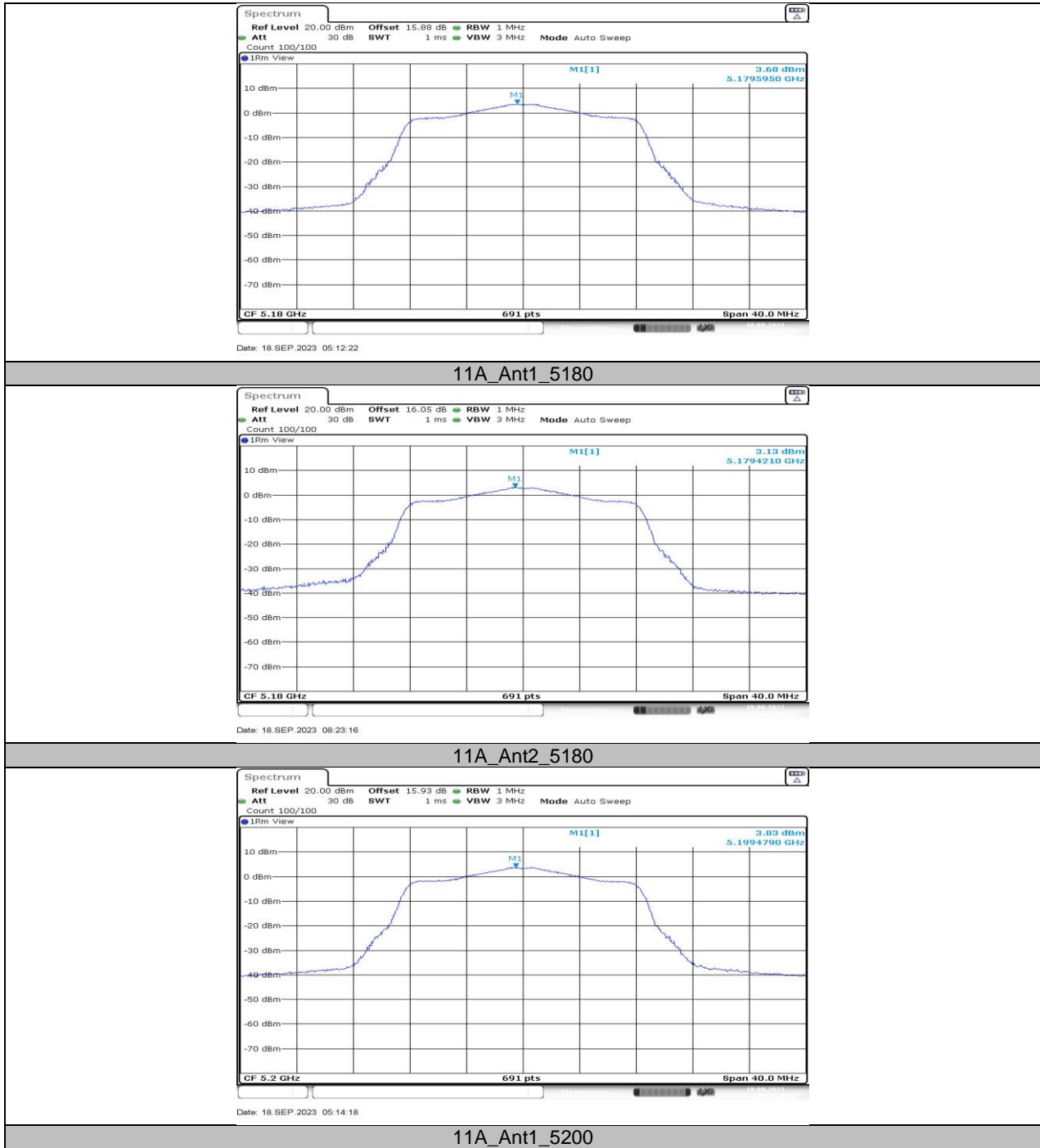
| | | | | | | | |
|------------|-------|--------------|--------|--------|-------|--------|------|
| | Ant1 | 5720_UNII-3 | -5.95 | ≤30.00 | -0.43 | --- | PASS |
| | Ant2 | 5720_UNII-3 | -6.52 | ≤30.00 | -1.00 | --- | PASS |
| | total | 5720_UNII-3 | -3.22 | ≤30.00 | 2.30 | --- | PASS |
| | Ant1 | 5745 | -0.18 | ≤30.00 | 5.34 | --- | PASS |
| | Ant2 | 5745 | -0.54 | ≤30.00 | 4.98 | --- | PASS |
| | total | 5745 | 2.65 | ≤30.00 | 8.17 | --- | PASS |
| | Ant1 | 5785 | 1.12 | ≤30.00 | 6.64 | --- | PASS |
| | Ant2 | 5785 | -1.07 | ≤30.00 | 4.45 | --- | PASS |
| | total | 5785 | 3.17 | ≤30.00 | 8.69 | --- | PASS |
| | Ant1 | 5825 | 0.72 | ≤30.00 | 6.24 | --- | PASS |
| | Ant2 | 5825 | 0.11 | ≤30.00 | 5.63 | --- | PASS |
| | total | 5825 | 3.44 | ≤30.00 | 8.96 | --- | PASS |
| 11N40MIMO | Ant1 | 5190 | -2.3 | ≤11.00 | 3.22 | ≤10.00 | PASS |
| | Ant2 | 5190 | -4.92 | ≤11.00 | 0.60 | ≤10.00 | PASS |
| | total | 5190 | -0.41 | ≤11.00 | 5.11 | ≤10.00 | PASS |
| | Ant1 | 5230 | -2.91 | ≤11.00 | 2.61 | ≤10.00 | PASS |
| | Ant2 | 5230 | -4.9 | ≤11.00 | 0.62 | ≤10.00 | PASS |
| | total | 5230 | -0.78 | ≤11.00 | 4.74 | ≤10.00 | PASS |
| | Ant1 | 5270 | -3.9 | ≤11.00 | 1.62 | --- | PASS |
| | Ant2 | 5270 | -4.82 | ≤11.00 | 0.70 | --- | PASS |
| | total | 5270 | -1.33 | ≤11.00 | 4.19 | --- | PASS |
| | Ant1 | 5310 | -4.75 | ≤11.00 | 0.77 | --- | PASS |
| | Ant2 | 5310 | -6.25 | ≤11.00 | -0.73 | --- | PASS |
| | total | 5310 | -2.43 | ≤11.00 | 3.09 | --- | PASS |
| | Ant1 | 5510 | -3.67 | ≤11.00 | 1.85 | --- | PASS |
| | Ant2 | 5510 | -5.54 | ≤11.00 | -0.02 | --- | PASS |
| | total | 5510 | -1.49 | ≤11.00 | 4.03 | --- | PASS |
| | Ant1 | 5550 | -2.88 | ≤11.00 | 2.64 | --- | PASS |
| | Ant2 | 5550 | -4.87 | ≤11.00 | 0.65 | --- | PASS |
| | total | 5550 | -0.75 | ≤11.00 | 4.77 | --- | PASS |
| | Ant1 | 5670 | -4.2 | ≤11.00 | 1.32 | --- | PASS |
| | Ant2 | 5670 | -4.3 | ≤11.00 | 1.22 | --- | PASS |
| | total | 5670 | -1.24 | ≤11.00 | 4.28 | --- | PASS |
| | Ant1 | 5710_UNII-2C | -4.61 | ≤11.00 | 0.91 | --- | PASS |
| | Ant2 | 5710_UNII-2C | -4.97 | ≤11.00 | 0.55 | --- | PASS |
| | total | 5710_UNII-2C | -1.78 | ≤11.00 | 3.74 | --- | PASS |
| | Ant1 | 5710_UNII-3 | -7.8 | ≤30.00 | -2.28 | --- | PASS |
| | Ant2 | 5710_UNII-3 | -8.82 | ≤30.00 | -3.30 | --- | PASS |
| | total | 5710_UNII-3 | -5.27 | ≤30.00 | 0.25 | --- | PASS |
| | Ant1 | 5755 | -5.1 | ≤30.00 | 0.42 | --- | PASS |
| | Ant2 | 5755 | -8.14 | ≤30.00 | -2.62 | --- | PASS |
| | total | 5755 | -3.35 | ≤30.00 | 2.17 | --- | PASS |
| Ant1 | 5795 | -5.07 | ≤30.00 | 0.45 | --- | PASS | |
| Ant2 | 5795 | -7.24 | ≤30.00 | -1.72 | --- | PASS | |
| total | 5795 | -3.01 | ≤30.00 | 2.51 | --- | PASS | |
| 11AC80MIMO | Ant1 | 5210 | -9.12 | ≤11.00 | -3.60 | ≤10.00 | PASS |
| | Ant2 | 5210 | -11.22 | ≤11.00 | -5.70 | ≤10.00 | PASS |
| | total | 5210 | -7.03 | ≤11.00 | -1.51 | ≤10.00 | PASS |
| | Ant1 | 5290 | -9.86 | ≤11.00 | -4.34 | --- | PASS |
| | Ant2 | 5290 | -11.13 | ≤11.00 | -5.61 | --- | PASS |
| | total | 5290 | -7.44 | ≤11.00 | -1.92 | --- | PASS |
| | Ant1 | 5530 | -7.74 | ≤11.00 | -2.22 | --- | PASS |
| | Ant2 | 5530 | -9.48 | ≤11.00 | -3.96 | --- | PASS |
| | total | 5530 | -5.51 | ≤11.00 | 0.01 | --- | PASS |
| | Ant1 | 5610 | -8.8 | ≤11.00 | -3.28 | --- | PASS |
| | Ant2 | 5610 | -10.95 | ≤11.00 | -5.43 | --- | PASS |
| | total | 5610 | -6.73 | ≤11.00 | -1.21 | --- | PASS |
| | Ant1 | 5690_UNII-2C | -8.99 | ≤11.00 | -3.47 | --- | PASS |
| | Ant2 | 5690_UNII-2C | -9.72 | ≤11.00 | -4.20 | --- | PASS |
| | total | 5690_UNII-2C | -6.33 | ≤11.00 | -0.81 | --- | PASS |
| | Ant1 | 5690_UNII-3 | -12.59 | ≤30.00 | -7.07 | --- | PASS |
| | Ant2 | 5690_UNII-3 | -13.69 | ≤30.00 | -8.17 | --- | PASS |
| | total | 5690_UNII-3 | -10.09 | ≤30.00 | -4.57 | --- | PASS |
| Ant1 | 5775 | -10.69 | ≤30.00 | -5.17 | --- | PASS | |

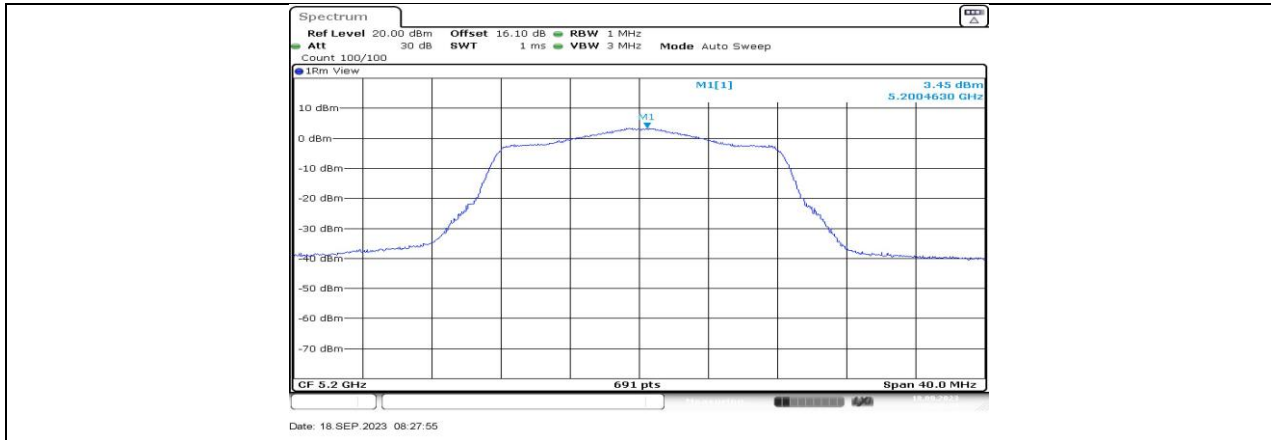
| | | | | | | | |
|------------|-------|--------------|--------|--------|-------|--------|------|
| | Ant2 | 5775 | -12.54 | ≤30.00 | -7.02 | --- | PASS |
| | total | 5775 | -8.51 | ≤30.00 | -2.99 | --- | PASS |
| 11AX20MIMO | Ant1 | 5180 | -3.49 | ≤11.00 | 2.03 | ≤10.00 | PASS |
| | Ant2 | 5180 | -4.13 | ≤11.00 | 1.39 | ≤10.00 | PASS |
| | total | 5180 | -0.79 | ≤11.00 | 4.73 | ≤10.00 | PASS |
| | Ant1 | 5200 | -3.24 | ≤11.00 | 2.28 | ≤10.00 | PASS |
| | Ant2 | 5200 | -4.12 | ≤11.00 | 1.40 | ≤10.00 | PASS |
| | total | 5200 | -0.65 | ≤11.00 | 4.87 | ≤10.00 | PASS |
| | Ant1 | 5240 | -3.53 | ≤11.00 | 1.99 | ≤10.00 | PASS |
| | Ant2 | 5240 | -3.77 | ≤11.00 | 1.75 | ≤10.00 | PASS |
| | total | 5240 | -0.64 | ≤11.00 | 4.88 | ≤10.00 | PASS |
| | Ant1 | 5260 | -4.72 | ≤11.00 | 0.80 | --- | PASS |
| | Ant2 | 5260 | -3.36 | ≤11.00 | 2.16 | --- | PASS |
| | total | 5260 | -0.98 | ≤11.00 | 4.54 | --- | PASS |
| | Ant1 | 5280 | -4.46 | ≤11.00 | 1.06 | --- | PASS |
| | Ant2 | 5280 | -3.25 | ≤11.00 | 2.27 | --- | PASS |
| | total | 5280 | -0.80 | ≤11.00 | 4.72 | --- | PASS |
| | Ant1 | 5320 | -4.33 | ≤11.00 | 1.19 | --- | PASS |
| | Ant2 | 5320 | -3.74 | ≤11.00 | 1.78 | --- | PASS |
| | total | 5320 | -1.01 | ≤11.00 | 4.51 | --- | PASS |
| | Ant1 | 5500 | -3.55 | ≤11.00 | 1.97 | --- | PASS |
| | Ant2 | 5500 | -1.88 | ≤11.00 | 3.64 | --- | PASS |
| | total | 5500 | 0.38 | ≤11.00 | 5.90 | --- | PASS |
| | Ant1 | 5580 | -3.62 | ≤11.00 | 1.90 | --- | PASS |
| | Ant2 | 5580 | -1.57 | ≤11.00 | 3.95 | --- | PASS |
| | total | 5580 | 0.54 | ≤11.00 | 6.06 | --- | PASS |
| | Ant1 | 5700 | -3.72 | ≤11.00 | 1.80 | --- | PASS |
| | Ant2 | 5700 | -2.68 | ≤11.00 | 2.84 | --- | PASS |
| | total | 5700 | -0.16 | ≤11.00 | 5.36 | --- | PASS |
| | Ant1 | 5720_UNII-2C | -4.05 | ≤11.00 | 1.47 | --- | PASS |
| | Ant2 | 5720_UNII-2C | -2.55 | ≤11.00 | 2.97 | --- | PASS |
| | total | 5720_UNII-2C | -0.23 | ≤11.00 | 5.29 | --- | PASS |
| | Ant1 | 5720_UNII-3 | -7.1 | ≤30.00 | -1.58 | --- | PASS |
| | Ant2 | 5720_UNII-3 | -4.94 | ≤30.00 | 0.58 | --- | PASS |
| | total | 5720_UNII-3 | -2.88 | ≤30.00 | 2.64 | --- | PASS |
| Ant1 | 5745 | -6.52 | ≤30.00 | -1.00 | --- | PASS | |
| Ant2 | 5745 | -8.65 | ≤30.00 | -3.13 | --- | PASS | |
| total | 5745 | -4.45 | ≤30.00 | 1.07 | --- | PASS | |
| Ant1 | 5785 | -6 | ≤30.00 | -0.48 | --- | PASS | |
| Ant2 | 5785 | -7.96 | ≤30.00 | -2.44 | --- | PASS | |
| total | 5785 | -3.86 | ≤30.00 | 1.66 | --- | PASS | |
| Ant1 | 5825 | -6.2 | ≤30.00 | -0.68 | --- | PASS | |
| Ant2 | 5825 | -8.91 | ≤30.00 | -3.39 | --- | PASS | |
| total | 5825 | -4.34 | ≤30.00 | 1.18 | --- | PASS | |
| 11AX40MIMO | Ant1 | 5190 | -5.95 | ≤11.00 | -0.43 | ≤10.00 | PASS |
| | Ant2 | 5190 | -7.92 | ≤11.00 | -2.40 | ≤10.00 | PASS |
| | total | 5190 | -3.81 | ≤11.00 | 1.71 | ≤10.00 | PASS |
| | Ant1 | 5230 | -5.93 | ≤11.00 | -0.41 | ≤10.00 | PASS |
| | Ant2 | 5230 | -7.83 | ≤11.00 | -2.31 | ≤10.00 | PASS |
| | total | 5230 | -3.77 | ≤11.00 | 1.75 | ≤10.00 | PASS |
| | Ant1 | 5270 | -6.4 | ≤11.00 | -0.88 | --- | PASS |
| | Ant2 | 5270 | -6.73 | ≤11.00 | -1.21 | --- | PASS |
| | total | 5270 | -3.55 | ≤11.00 | 1.97 | --- | PASS |
| | Ant1 | 5310 | -6.05 | ≤11.00 | -0.53 | --- | PASS |
| | Ant2 | 5310 | -7.19 | ≤11.00 | -1.67 | --- | PASS |
| | total | 5310 | -3.57 | ≤11.00 | 1.95 | --- | PASS |
| | Ant1 | 5510 | -7.43 | ≤11.00 | -1.91 | --- | PASS |
| | Ant2 | 5510 | -5.65 | ≤11.00 | -0.13 | --- | PASS |
| | total | 5510 | -3.44 | ≤11.00 | 2.08 | --- | PASS |
| | Ant1 | 5550 | -8.21 | ≤11.00 | -2.69 | --- | PASS |
| | Ant2 | 5550 | -5.92 | ≤11.00 | -0.40 | --- | PASS |
| | total | 5550 | -3.91 | ≤11.00 | 1.61 | --- | PASS |
| Ant1 | 5670 | -7.41 | ≤11.00 | -1.89 | --- | PASS | |
| Ant2 | 5670 | -5.54 | ≤11.00 | -0.02 | --- | PASS | |

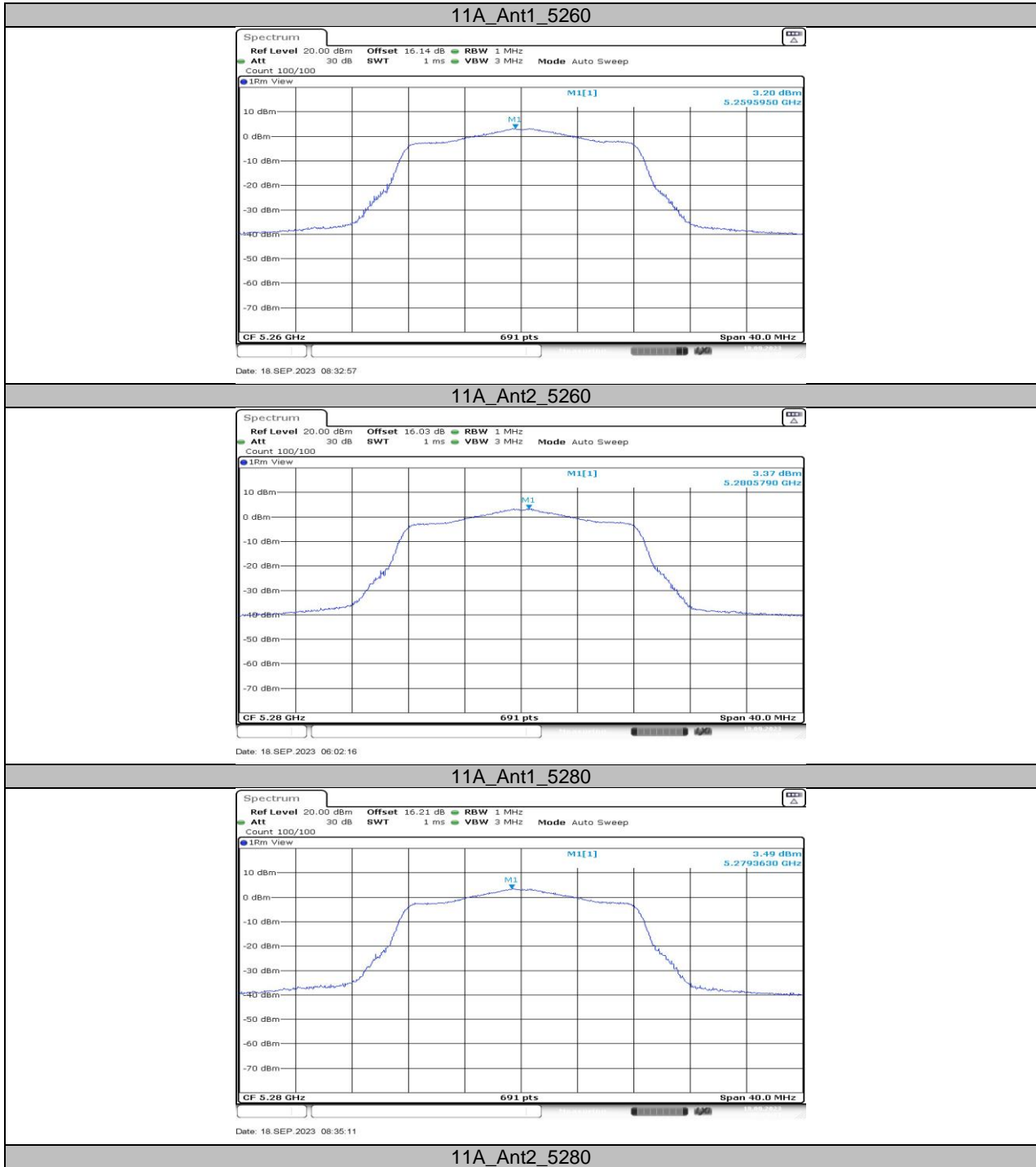
| | | | | | | | |
|------------|-------|--------------|--------|--------|-------|--------|------|
| | total | 5670 | -3.36 | ≤11.00 | 2.16 | --- | PASS |
| | Ant1 | 5710_UNII-2C | -8.19 | ≤11.00 | -2.67 | --- | PASS |
| | Ant2 | 5710_UNII-2C | -6.03 | ≤11.00 | -0.51 | --- | PASS |
| | total | 5710_UNII-2C | -3.97 | ≤11.00 | 1.55 | --- | PASS |
| | Ant1 | 5710_UNII-3 | -10.51 | ≤30.00 | -4.99 | --- | PASS |
| | Ant2 | 5710_UNII-3 | -8.73 | ≤30.00 | -3.21 | --- | PASS |
| | total | 5710_UNII-3 | -6.52 | ≤30.00 | -1.00 | --- | PASS |
| | Ant1 | 5755 | -7.83 | ≤30.00 | -2.31 | --- | PASS |
| | Ant2 | 5755 | -11.14 | ≤30.00 | -5.62 | --- | PASS |
| | total | 5755 | -6.17 | ≤30.00 | -0.65 | --- | PASS |
| | Ant1 | 5795 | -7.14 | ≤30.00 | -1.62 | --- | PASS |
| | Ant2 | 5795 | -10.97 | ≤30.00 | -5.45 | --- | PASS |
| | total | 5795 | -5.64 | ≤30.00 | -0.12 | --- | PASS |
| 11AX80MIMO | Ant1 | 5210 | -8.43 | ≤11.00 | -2.91 | ≤10.00 | PASS |
| | Ant2 | 5210 | -10.74 | ≤11.00 | -5.22 | ≤10.00 | PASS |
| | total | 5210 | -6.42 | ≤11.00 | -0.90 | ≤10.00 | PASS |
| | Ant1 | 5290 | -8.98 | ≤11.00 | -3.46 | --- | PASS |
| | Ant2 | 5290 | -9.4 | ≤11.00 | -3.88 | --- | PASS |
| | total | 5290 | -6.17 | ≤11.00 | -0.65 | --- | PASS |
| | Ant1 | 5530 | -10.34 | ≤11.00 | -4.82 | --- | PASS |
| | Ant2 | 5530 | -8.64 | ≤11.00 | -3.12 | --- | PASS |
| | total | 5530 | -6.40 | ≤11.00 | -0.88 | --- | PASS |
| | Ant1 | 5610 | -10.24 | ≤11.00 | -4.72 | --- | PASS |
| | Ant2 | 5610 | -8.15 | ≤11.00 | -2.63 | --- | PASS |
| | total | 5610 | -6.06 | ≤11.00 | -0.54 | --- | PASS |
| | Ant1 | 5690_UNII-2C | -10.46 | ≤11.00 | -4.94 | --- | PASS |
| | Ant2 | 5690_UNII-2C | -8.15 | ≤11.00 | -2.63 | --- | PASS |
| | total | 5690_UNII-2C | -6.14 | ≤11.00 | -0.62 | --- | PASS |
| | Ant1 | 5690_UNII-3 | -13.9 | ≤30.00 | -8.38 | --- | PASS |
| | Ant2 | 5690_UNII-3 | -11.69 | ≤30.00 | -6.17 | --- | PASS |
| | total | 5690_UNII-3 | -9.65 | ≤30.00 | -4.13 | --- | PASS |
| | Ant1 | 5775 | -10.15 | ≤30.00 | -4.63 | --- | PASS |
| | Ant2 | 5775 | -13.78 | ≤30.00 | -8.26 | --- | PASS |
| total | 5775 | -8.59 | ≤30.00 | -3.07 | --- | 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





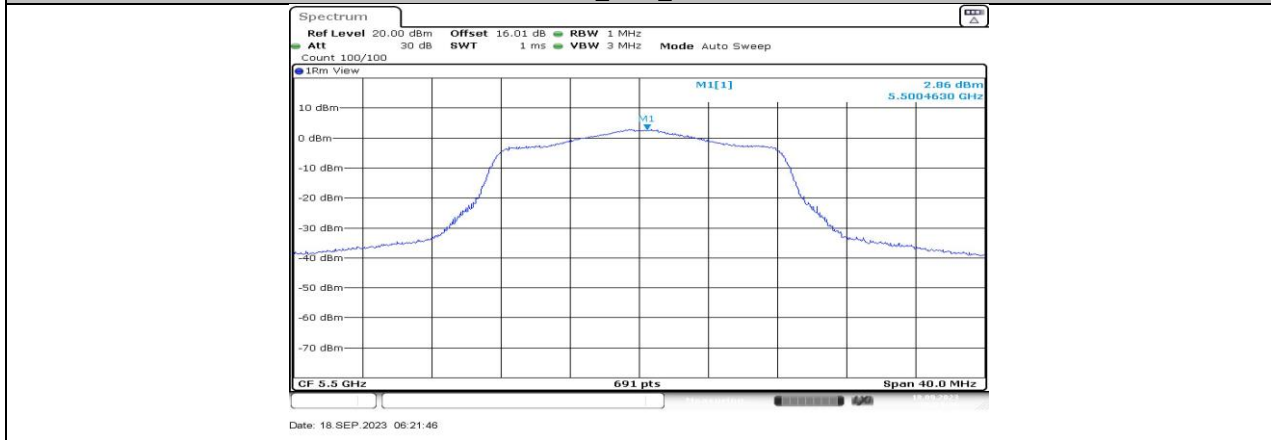




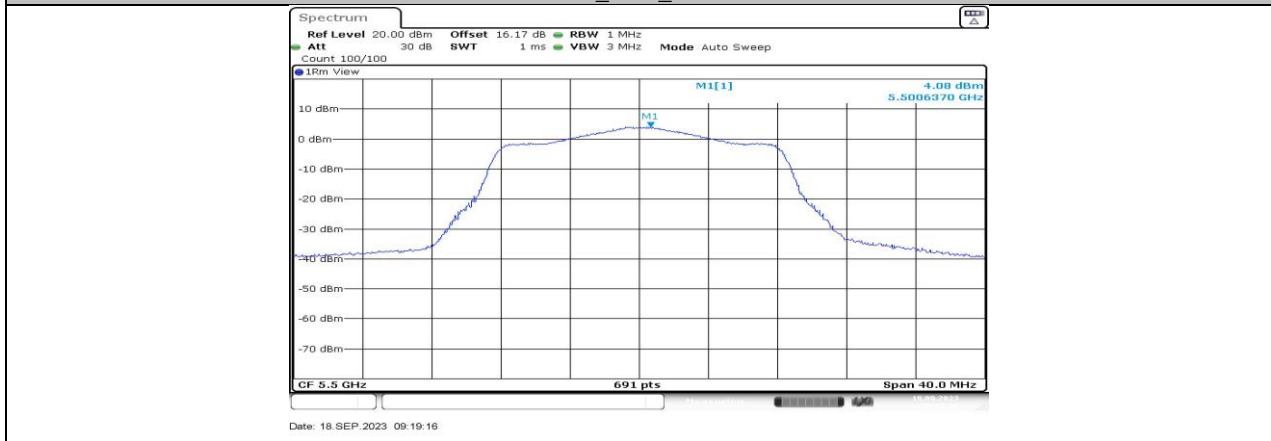
11A_Ant1_5320

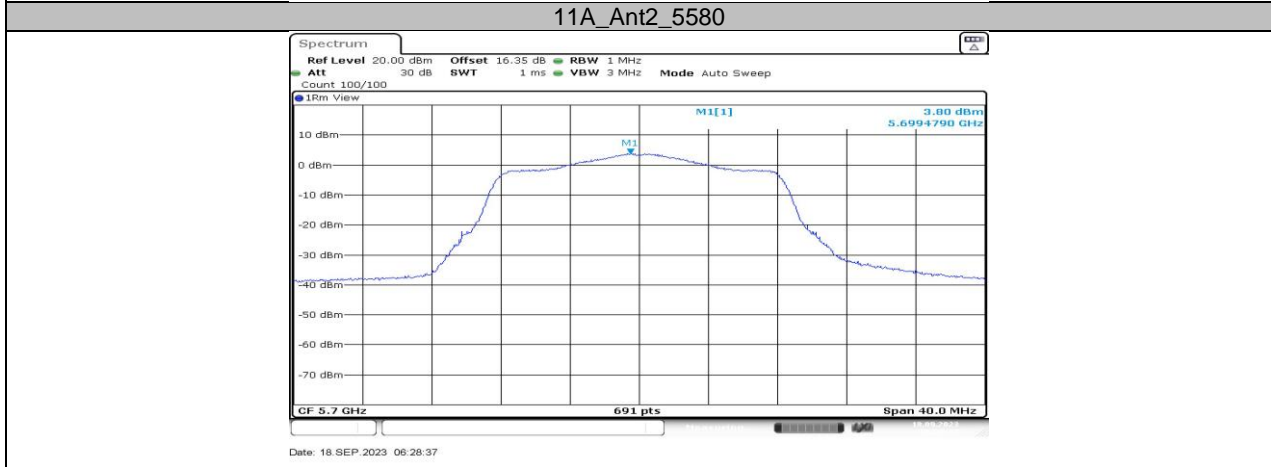
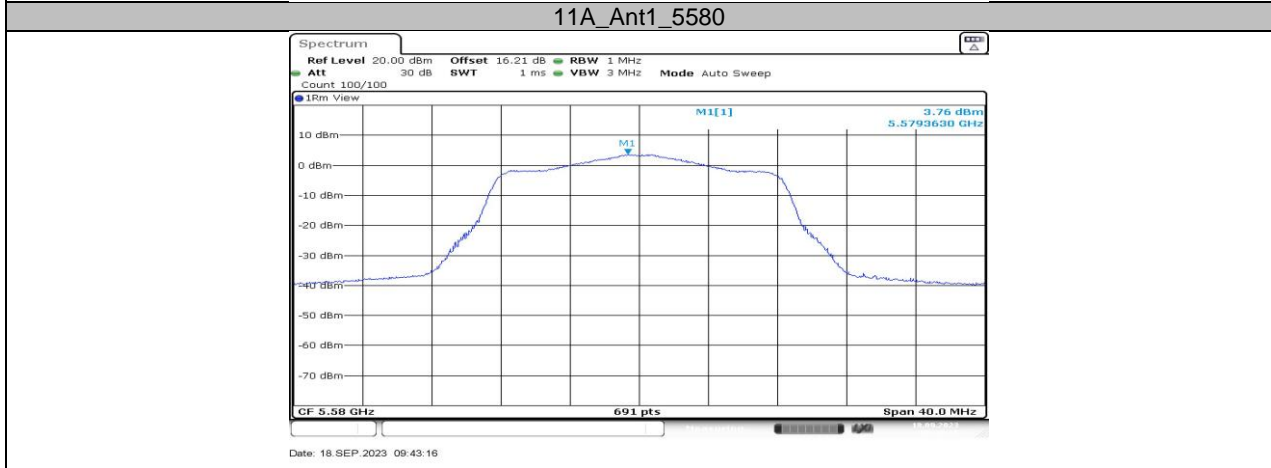
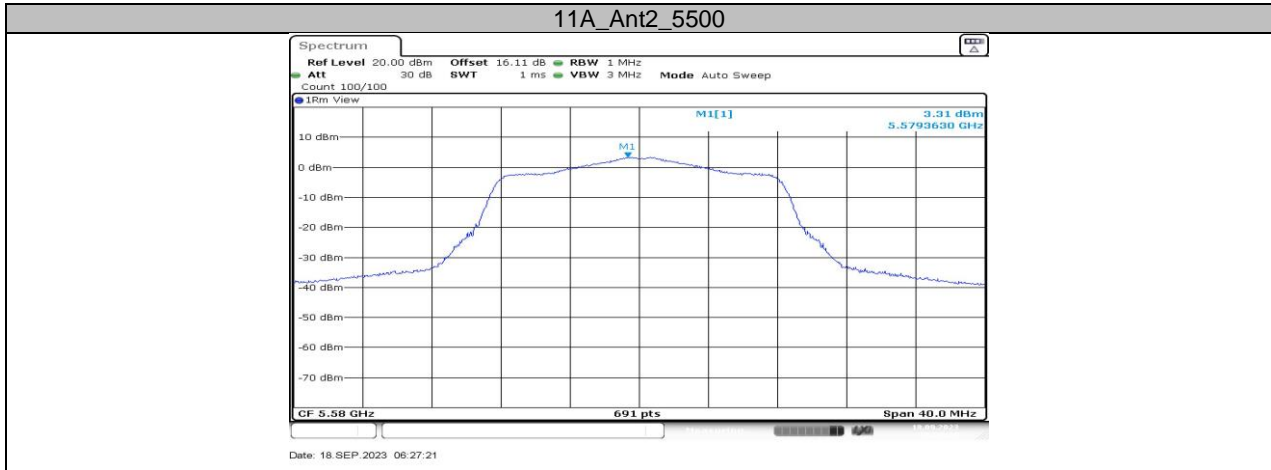


11A_Ant2_5320

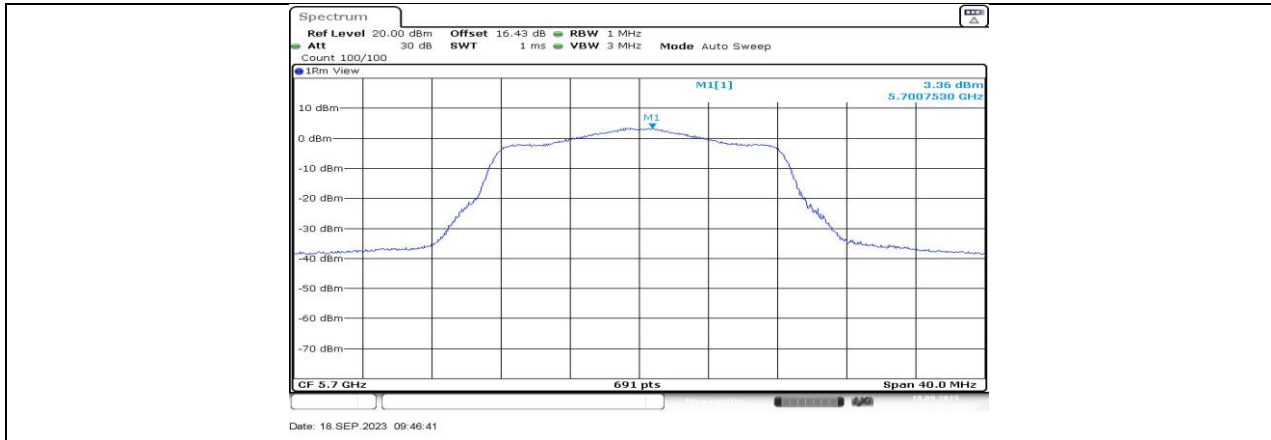


11A_Ant1_5500





11A_Ant1_5700



11A_Ant2_5700



11A_Ant1_5720_UNII-2C



11A_Ant2_5720_UNII-2C





11A_Ant2_5745