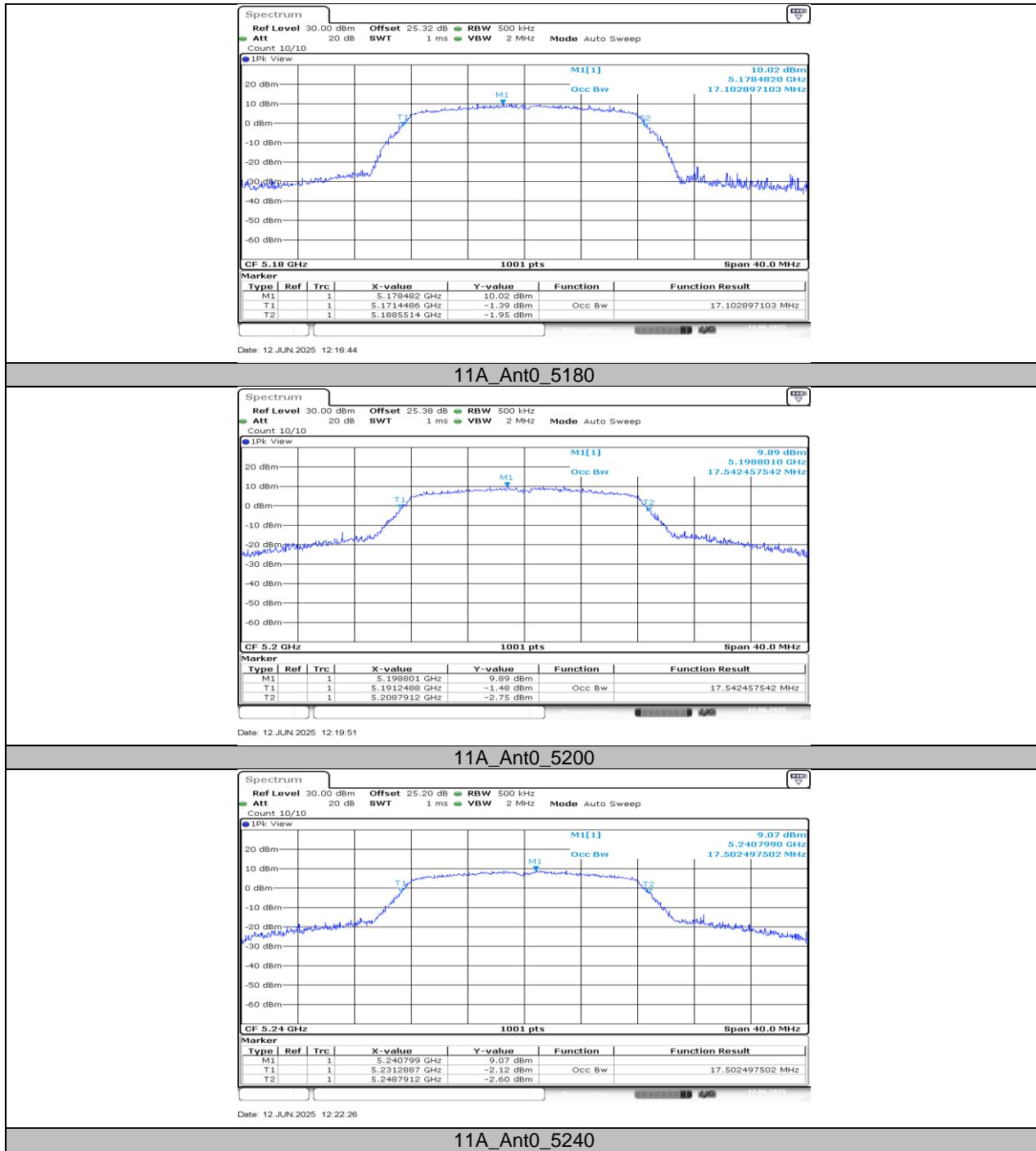


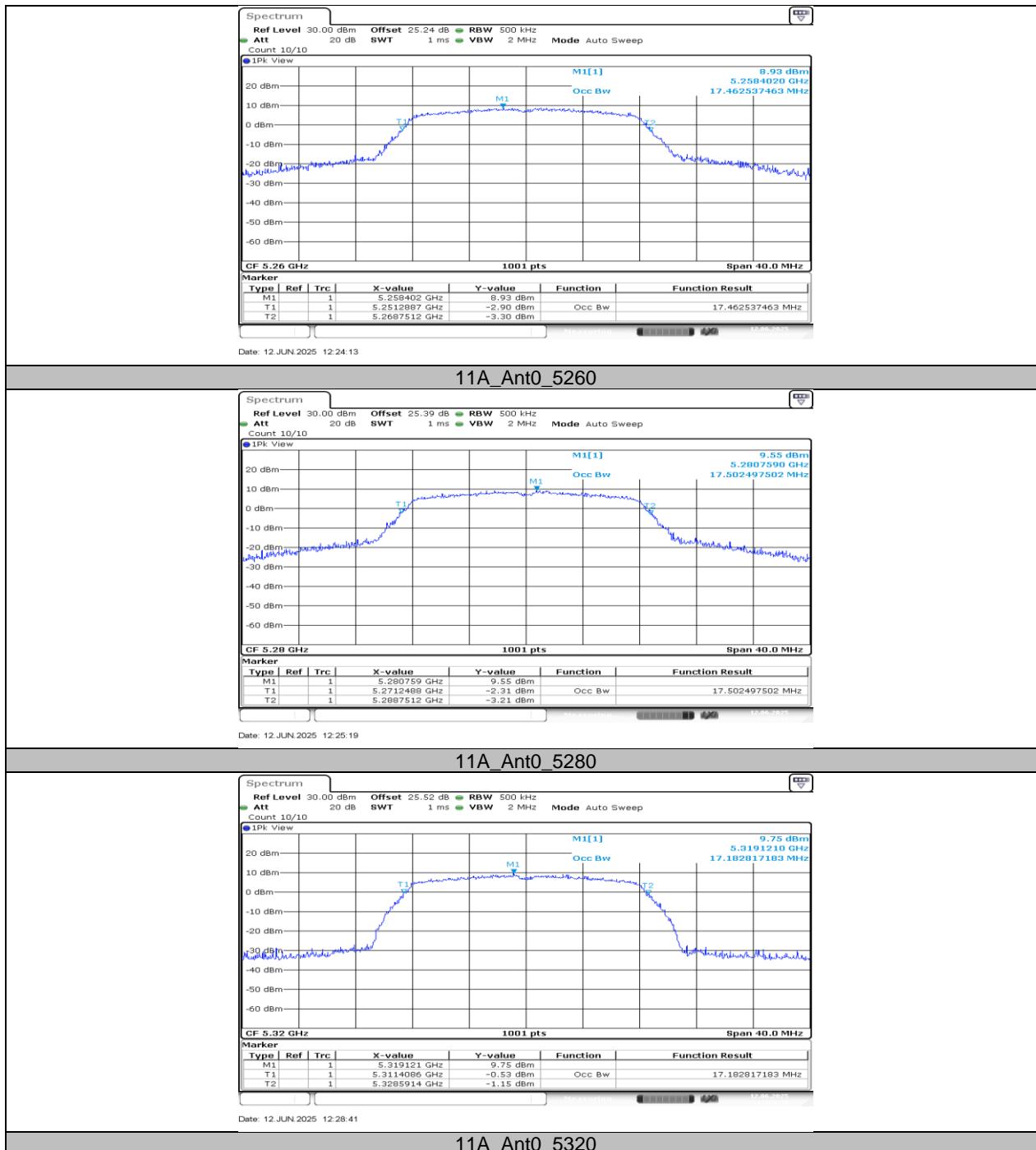
11.2. APPENDIX B1: OCCUPIED CHANNEL BANDWIDTH

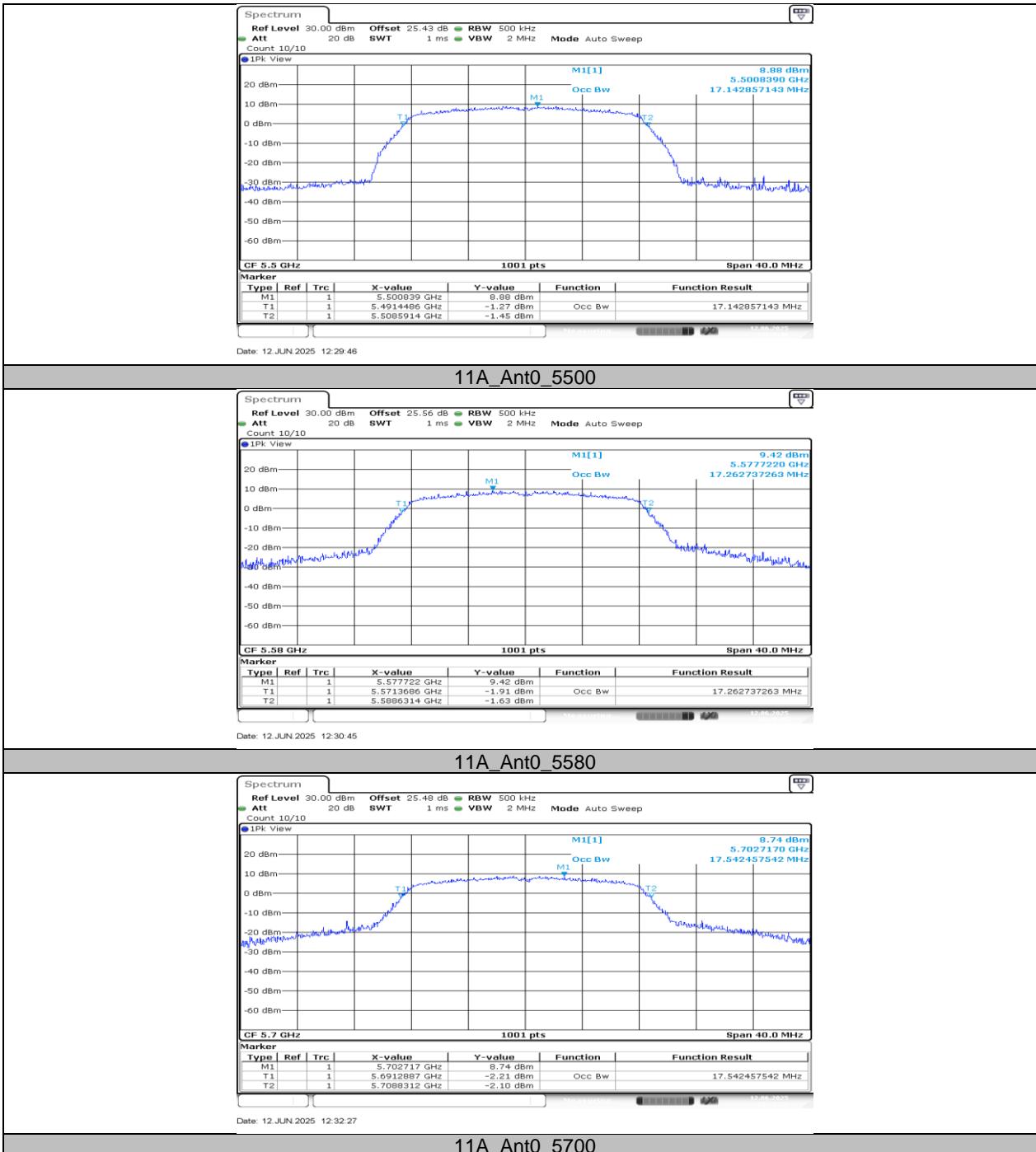
11.2.1. Test Result

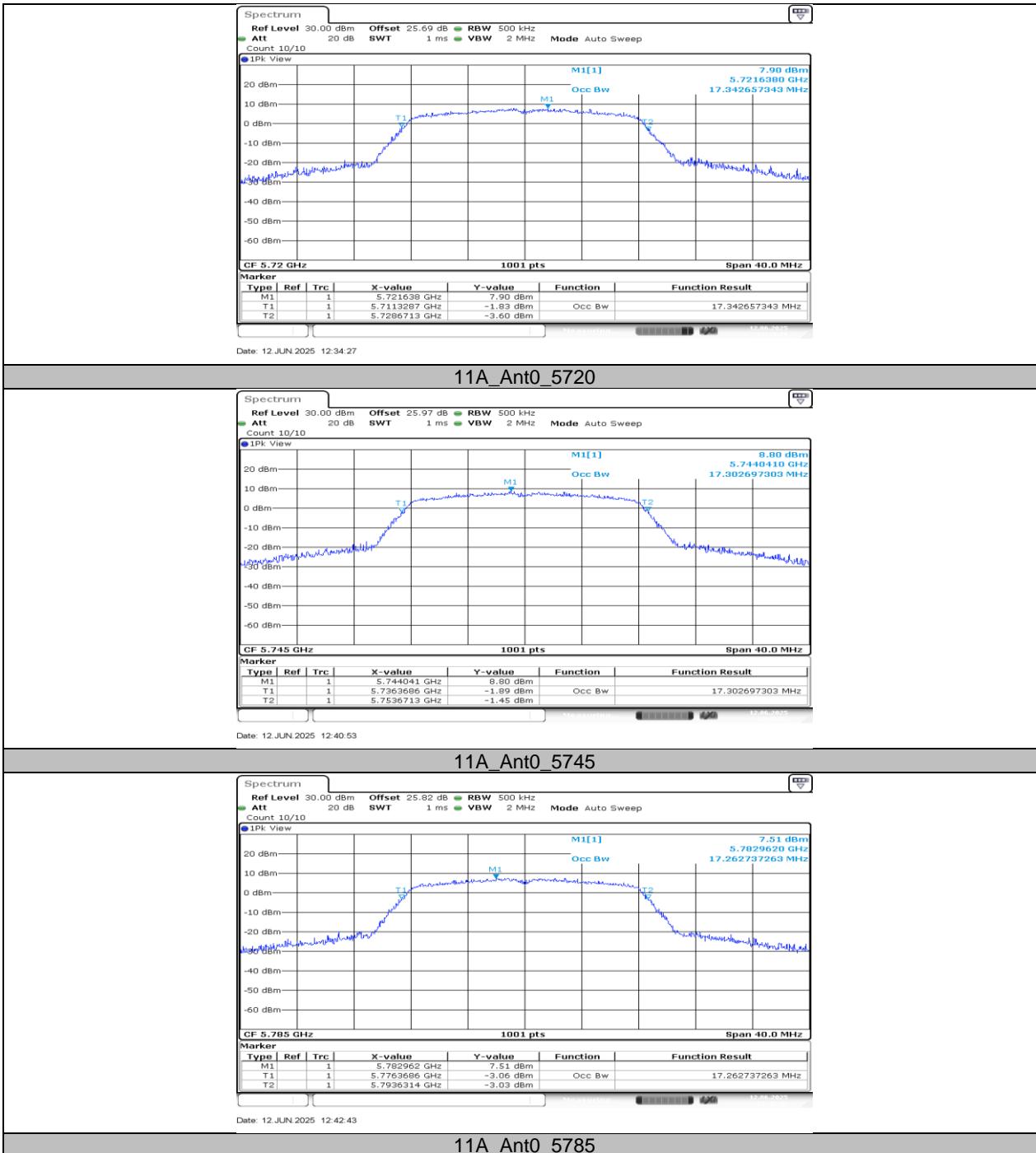
| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|------------|---------|----------------|-----------|-----------|-----------|---------|
| 11A | Ant0 | 5180 | 17.103 | 5171.4486 | 5188.5514 | PASS |
| | | 5200 | 17.542 | 5191.2488 | 5208.7912 | PASS |
| | | 5240 | 17.502 | 5231.2887 | 5248.7912 | PASS |
| | | 5260 | 17.463 | 5251.2887 | 5268.7512 | PASS |
| | | 5280 | 17.502 | 5271.2488 | 5288.7512 | PASS |
| | | 5320 | 17.183 | 5311.4086 | 5328.5914 | PASS |
| | | 5500 | 17.143 | 5491.4486 | 5508.5914 | PASS |
| | | 5580 | 17.263 | 5571.3686 | 5588.6314 | PASS |
| | | 5700 | 17.542 | 5691.2887 | 5708.8312 | PASS |
| | | 5720 | 17.343 | 5711.3287 | 5728.6713 | PASS |
| | | 5720_UNII-2C | 13.671 | 5711.3287 | 5725 | PASS |
| | | 5720_UNII-3 | 3.671 | 5725 | 5728.6713 | PASS |
| | | 5745 | 17.303 | 5736.3686 | 5753.6713 | PASS |
| | | 5785 | 17.263 | 5776.3686 | 5793.6314 | PASS |
| | | 5825 | 17.303 | 5816.3686 | 5833.6713 | PASS |
| | | 5180 | 17.942 | 5171.0490 | 5188.9910 | PASS |
| | | 5200 | 18.222 | 5190.8891 | 5209.1109 | PASS |
| 11N20SISO | Ant0 | 5240 | 18.182 | 5230.9291 | 5249.1109 | PASS |
| | | 5260 | 18.182 | 5250.8891 | 5269.0709 | PASS |
| | | 5280 | 18.142 | 5270.9291 | 5289.0709 | PASS |
| | | 5320 | 18.022 | 5310.9690 | 5328.9910 | PASS |
| | | 5500 | 17.982 | 5491.0090 | 5508.9910 | PASS |
| | | 5580 | 18.142 | 5570.9291 | 5589.0709 | PASS |
| | | 5700 | 18.222 | 5690.9291 | 5709.1508 | PASS |
| | | 5720 | 18.102 | 5710.9690 | 5729.0709 | PASS |
| | | 5720_UNII-2C | 14.031 | 5710.9690 | 5725 | PASS |
| | | 5720_UNII-3 | 4.071 | 5725 | 5729.0709 | PASS |
| | | 5745 | 18.142 | 5735.9291 | 5754.0709 | PASS |
| | | 5785 | 18.102 | 5775.9291 | 5794.0310 | PASS |
| | | 5825 | 18.062 | 5815.9690 | 5834.0310 | PASS |
| | | 5190 | 36.364 | 5171.8581 | 5208.2218 | PASS |
| | | 5230 | 36.523 | 5211.6983 | 5248.2218 | PASS |
| 11N40SISO | Ant0 | 5270 | 36.523 | 5251.7782 | 5288.3017 | PASS |
| | | 5310 | 36.364 | 5291.8581 | 5328.2218 | PASS |
| | | 5510 | 36.444 | 5491.7782 | 5528.2218 | PASS |
| | | 5550 | 36.444 | 5531.7782 | 5568.2218 | PASS |
| | | 5670 | 36.683 | 5651.7782 | 5688.4615 | PASS |
| | | 5710 | 36.444 | 5691.8581 | 5728.3017 | PASS |
| | | 5710_UNII-2C | 33.142 | 5691.8581 | 5725 | PASS |
| | | 5710_UNII-3 | 3.302 | 5725 | 5728.3017 | PASS |
| | | 5755 | 36.444 | 5736.7782 | 5773.2218 | PASS |
| | | 5795 | 36.523 | 5776.7782 | 5813.3017 | PASS |
| | | 5210 | 75.445 | 5172.2777 | 5247.7223 | PASS |
| | | 5290 | 75.604 | 5252.2777 | 5327.8821 | PASS |
| | | 5530 | 75.604 | 5492.2777 | 5567.8821 | PASS |
| | | 5610 | 75.604 | 5572.2777 | 5647.8821 | PASS |
| | | 5690 | 75.604 | 5652.2777 | 5727.8821 | PASS |
| 11AC80SISO | Ant0 | 5690_UNII-2C | 72.722 | 5652.2777 | 5725 | PASS |
| | | 5690_UNII-3 | 2.882 | 5725 | 5727.8821 | PASS |
| | | 5775 | 75.604 | 5737.2777 | 5812.8821 | PASS |

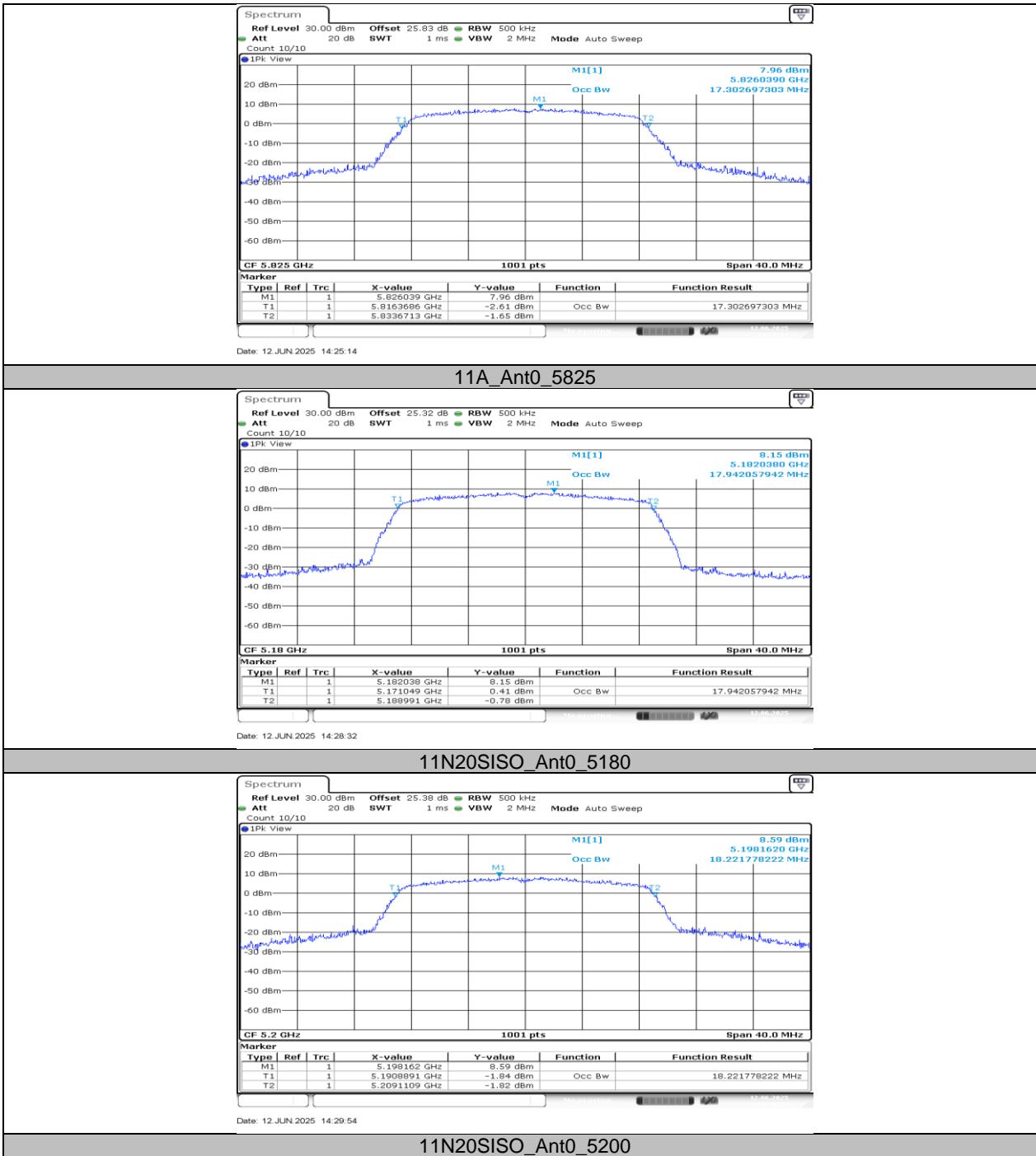
11.2.2. Test Graphs

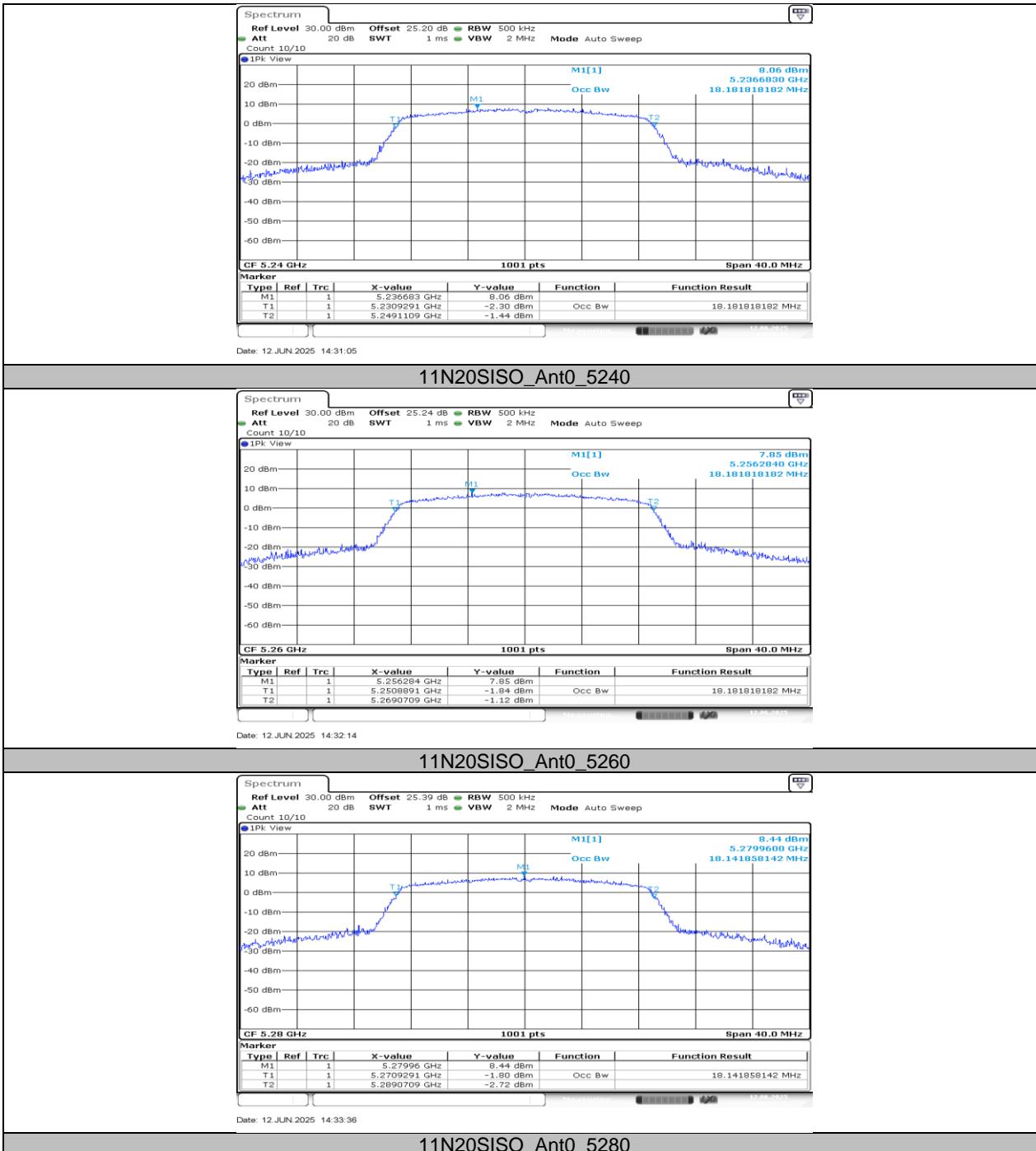


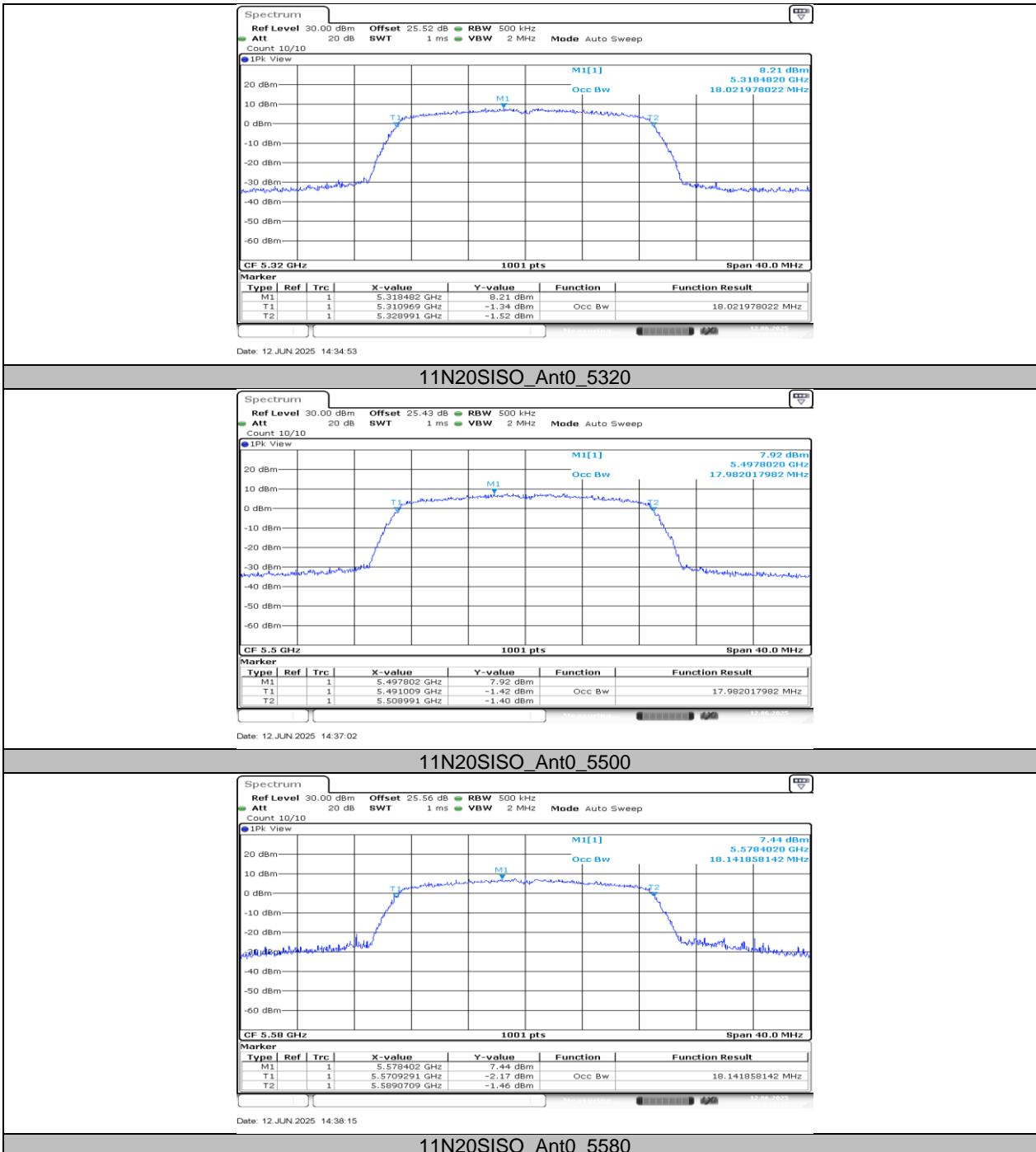


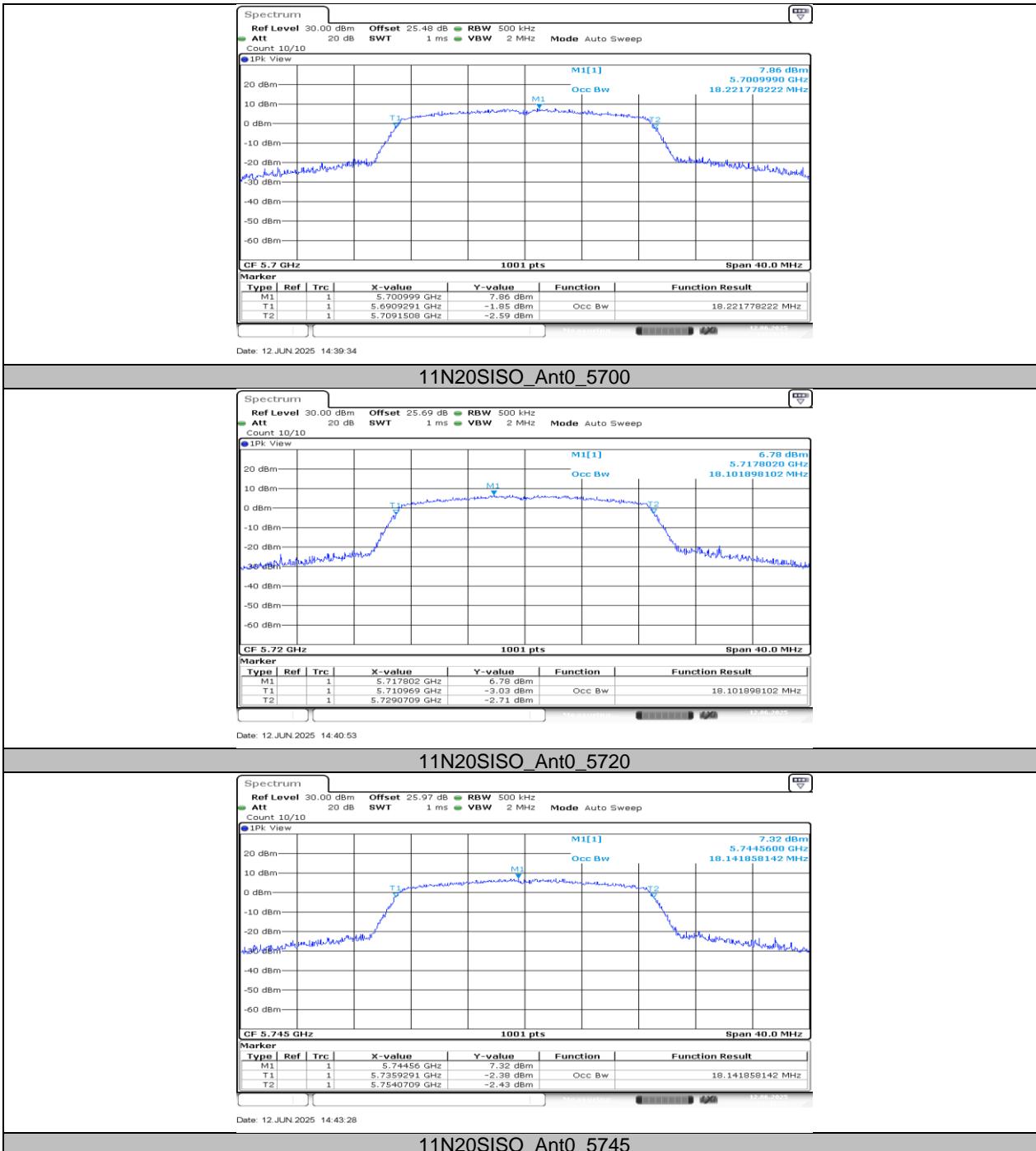


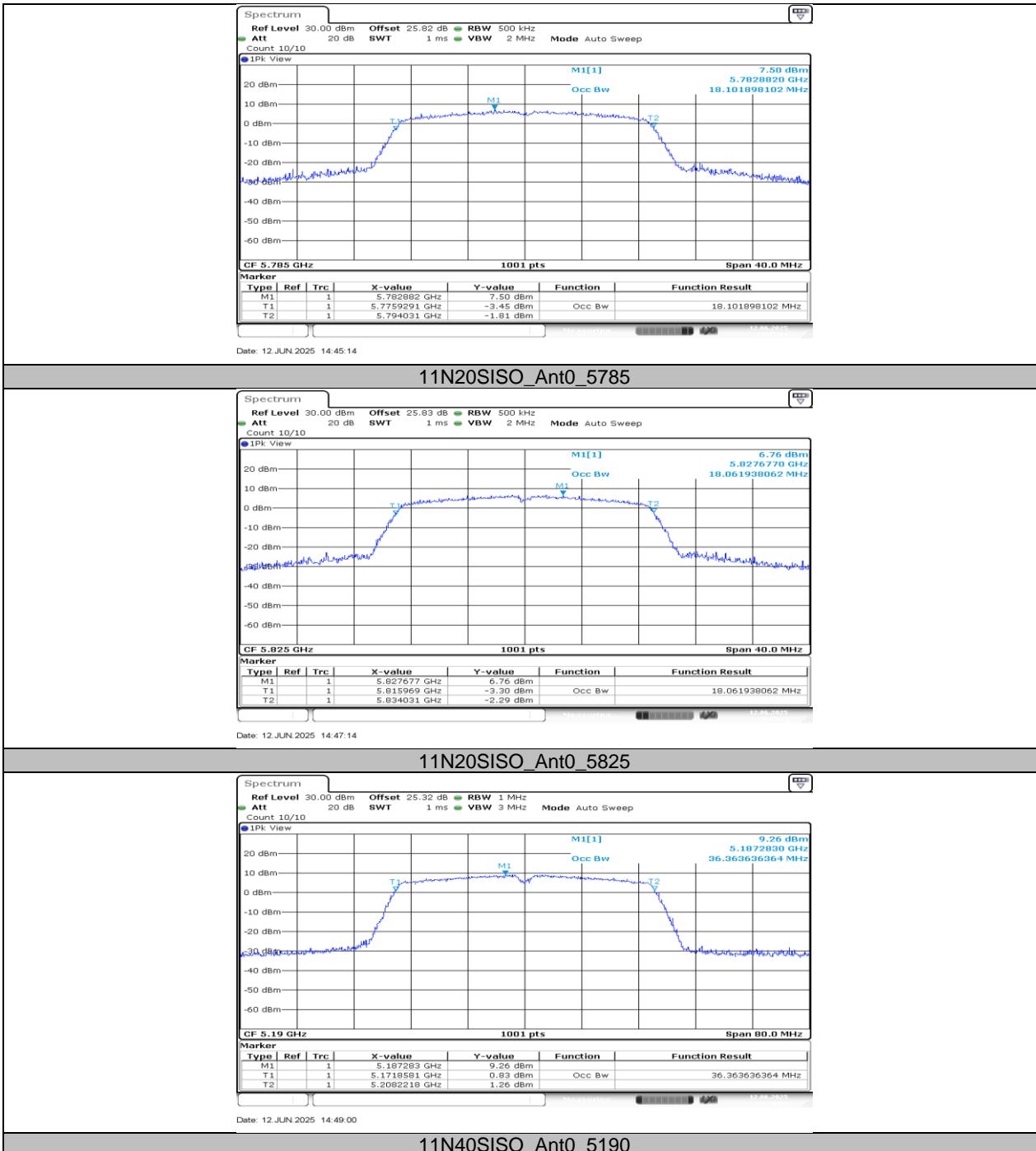


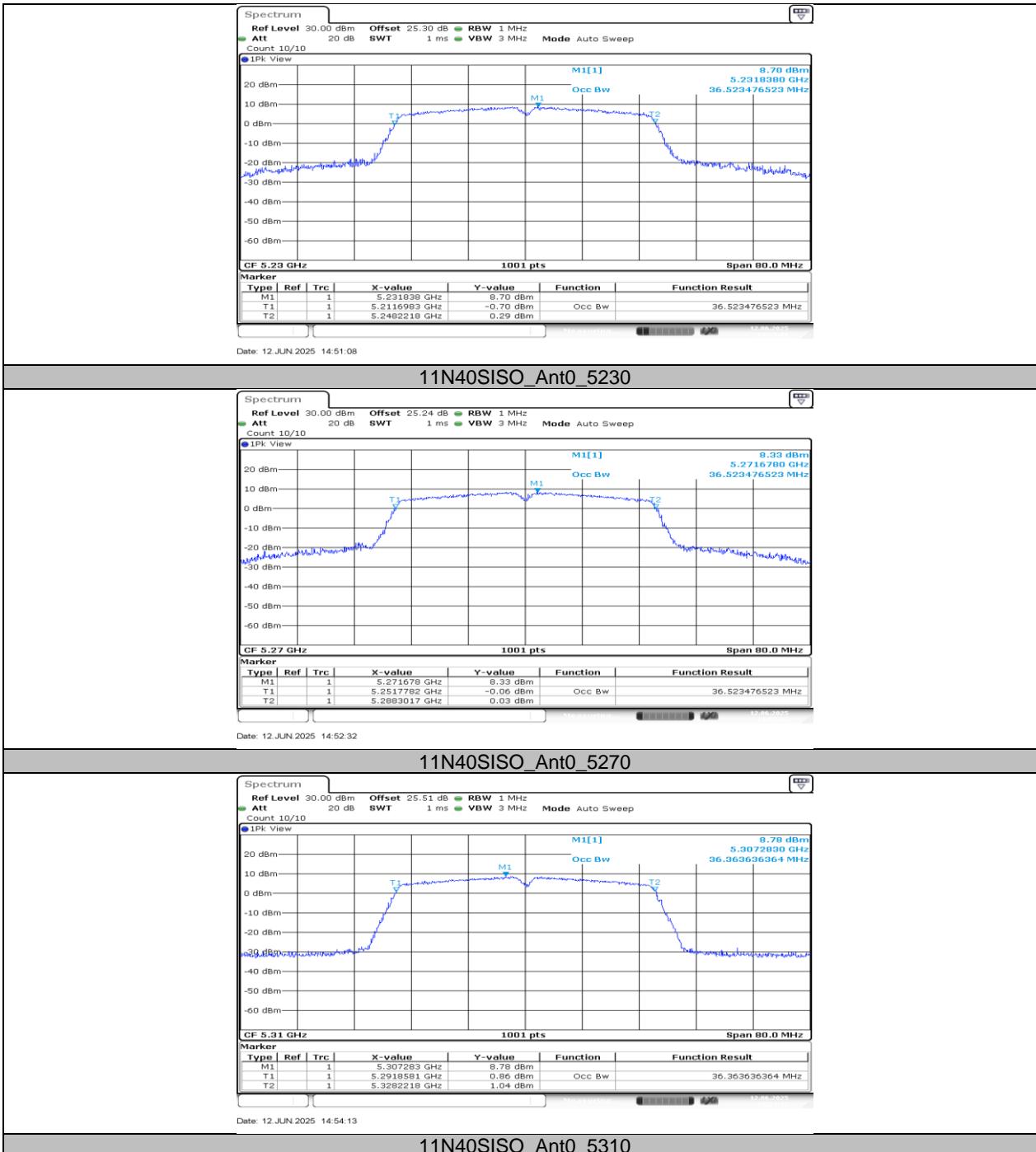


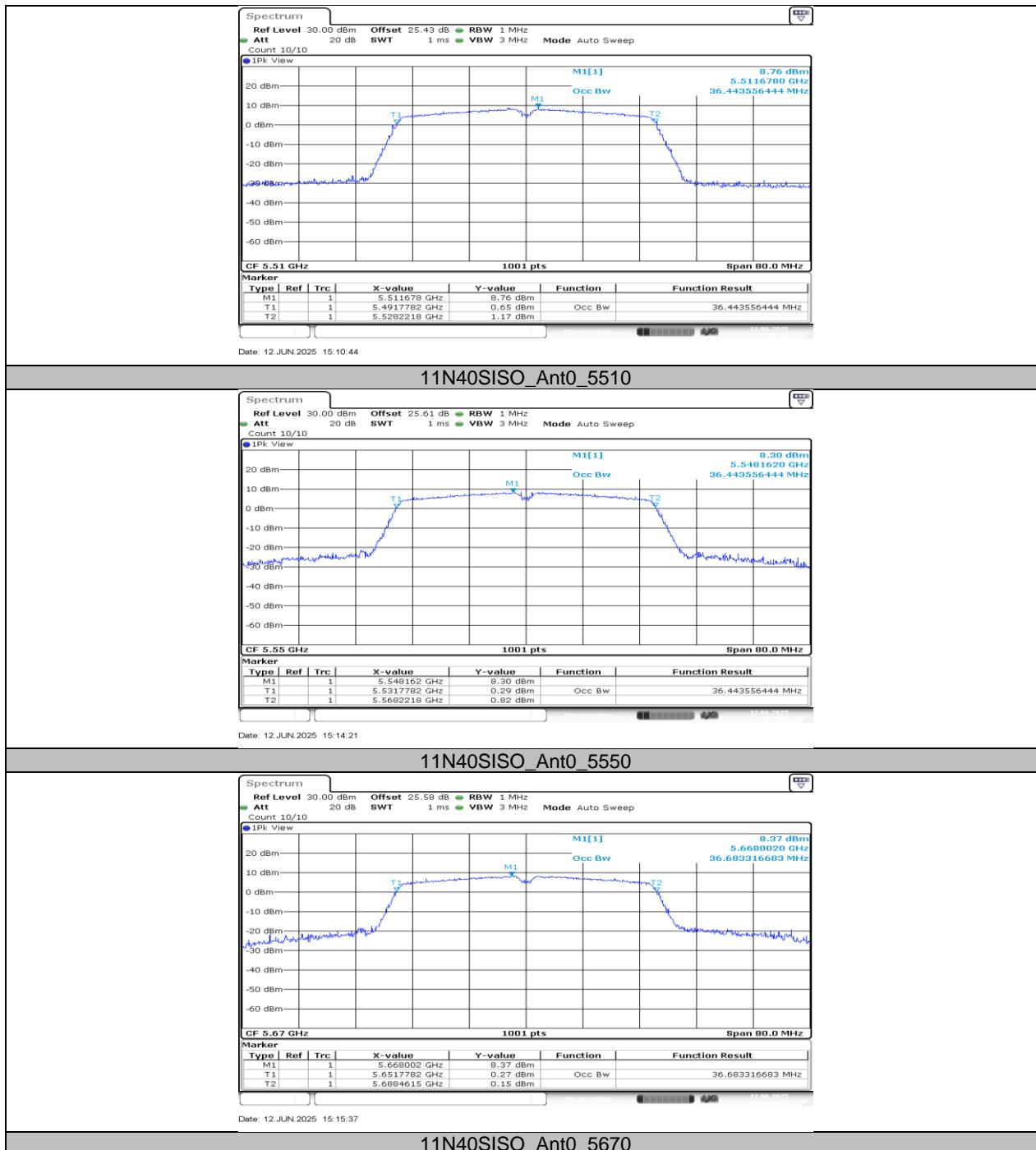


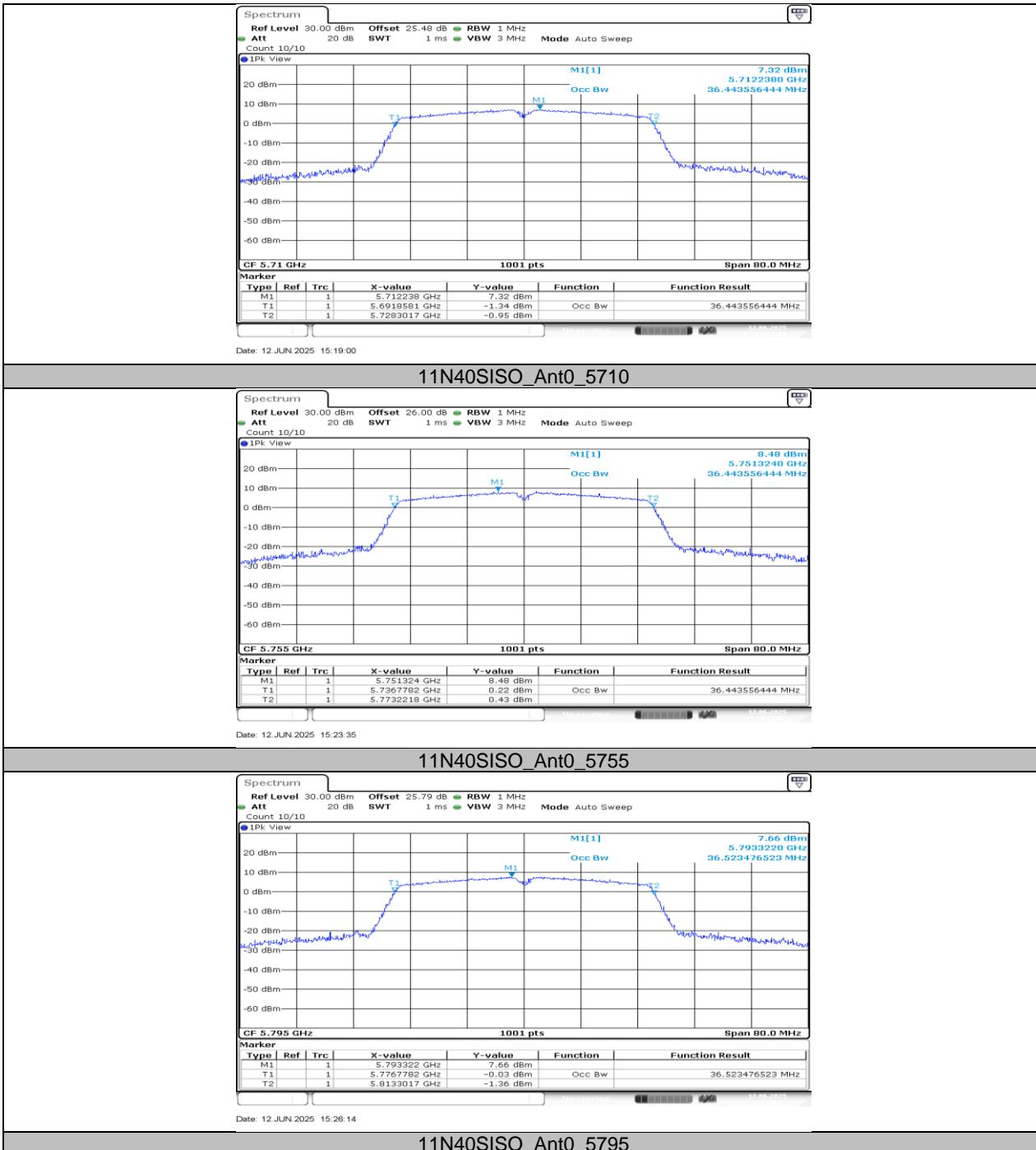


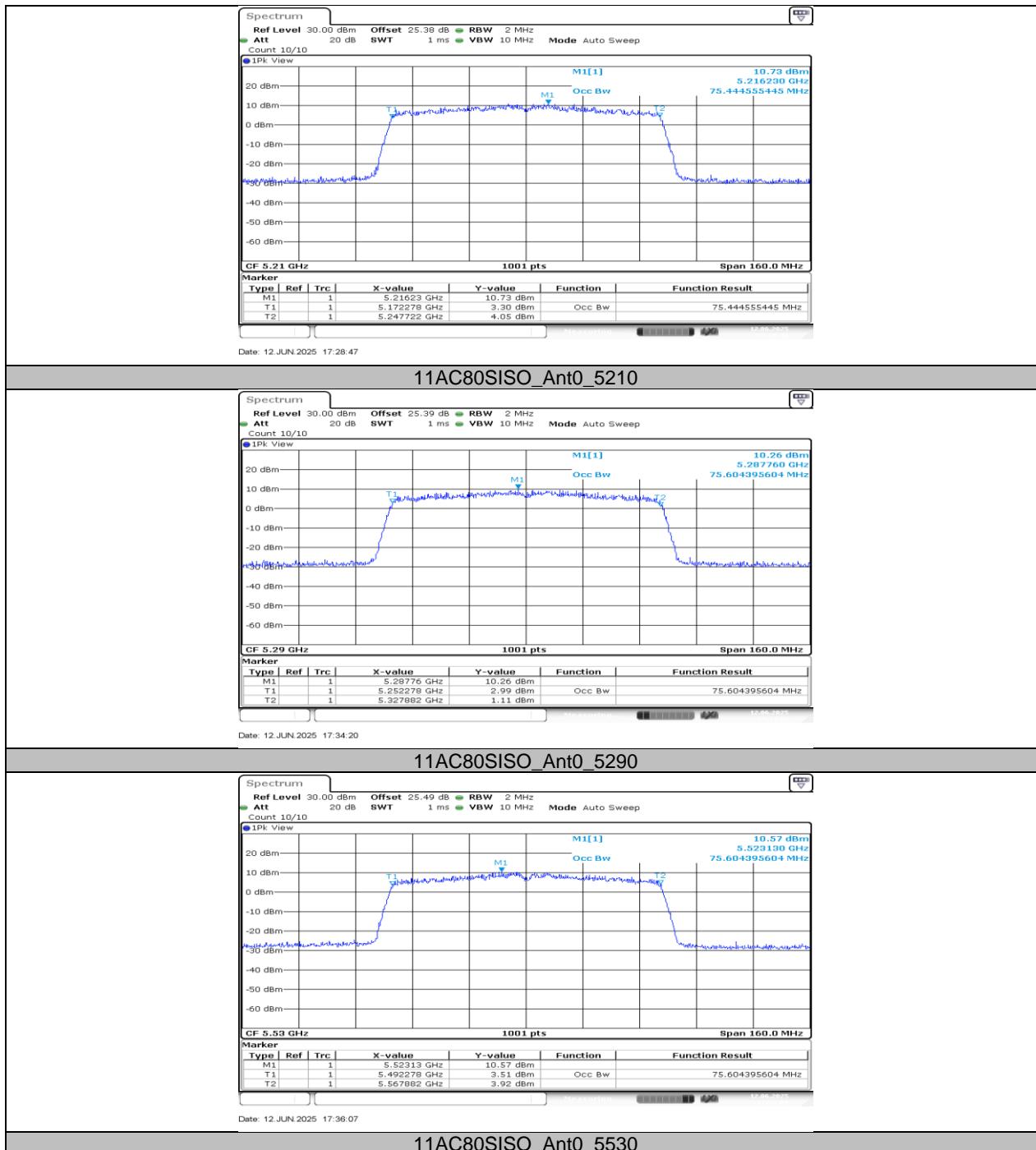


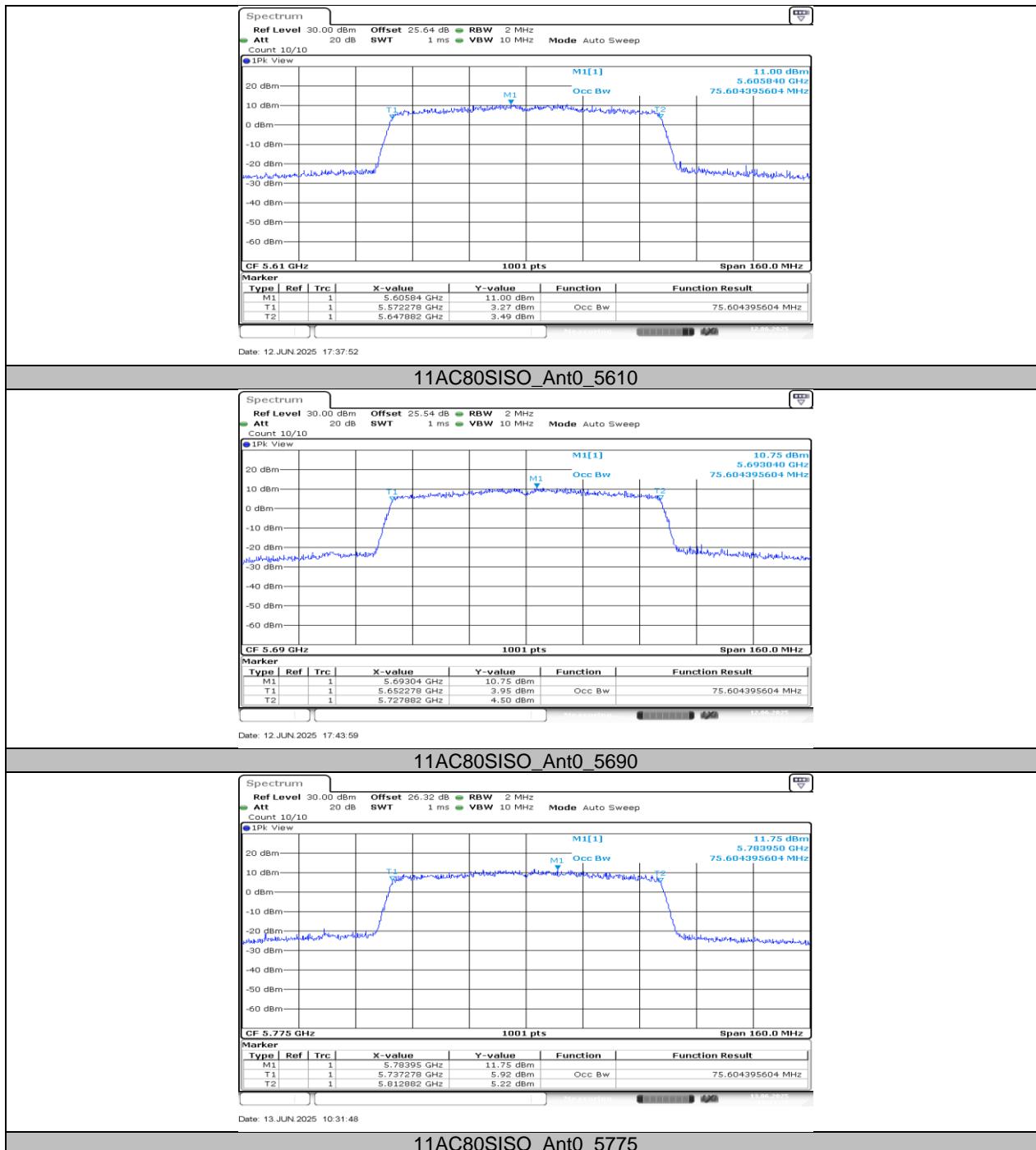










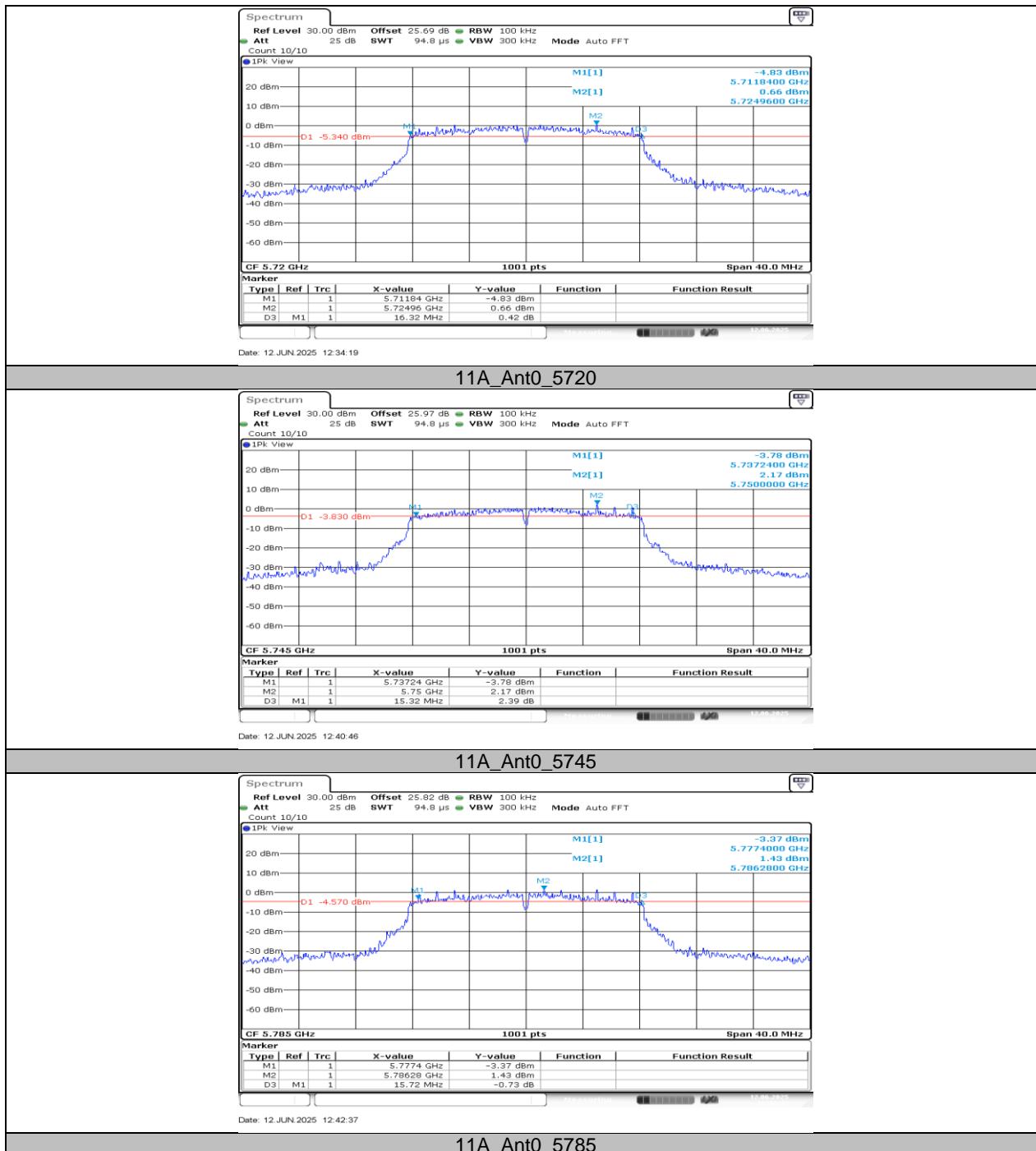


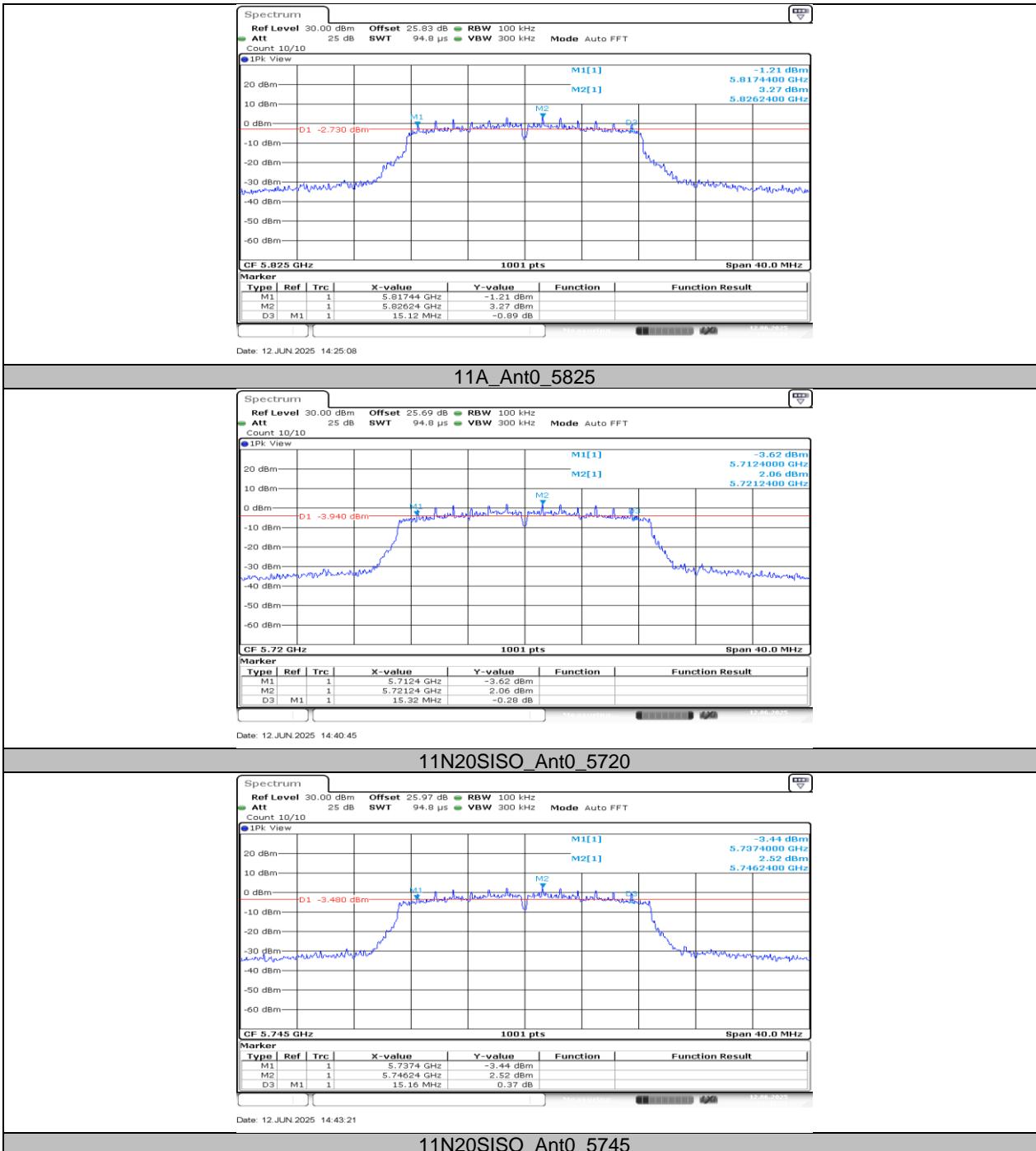
11.3. APPENDIX C1: MIN EMISSION BANDWIDTH

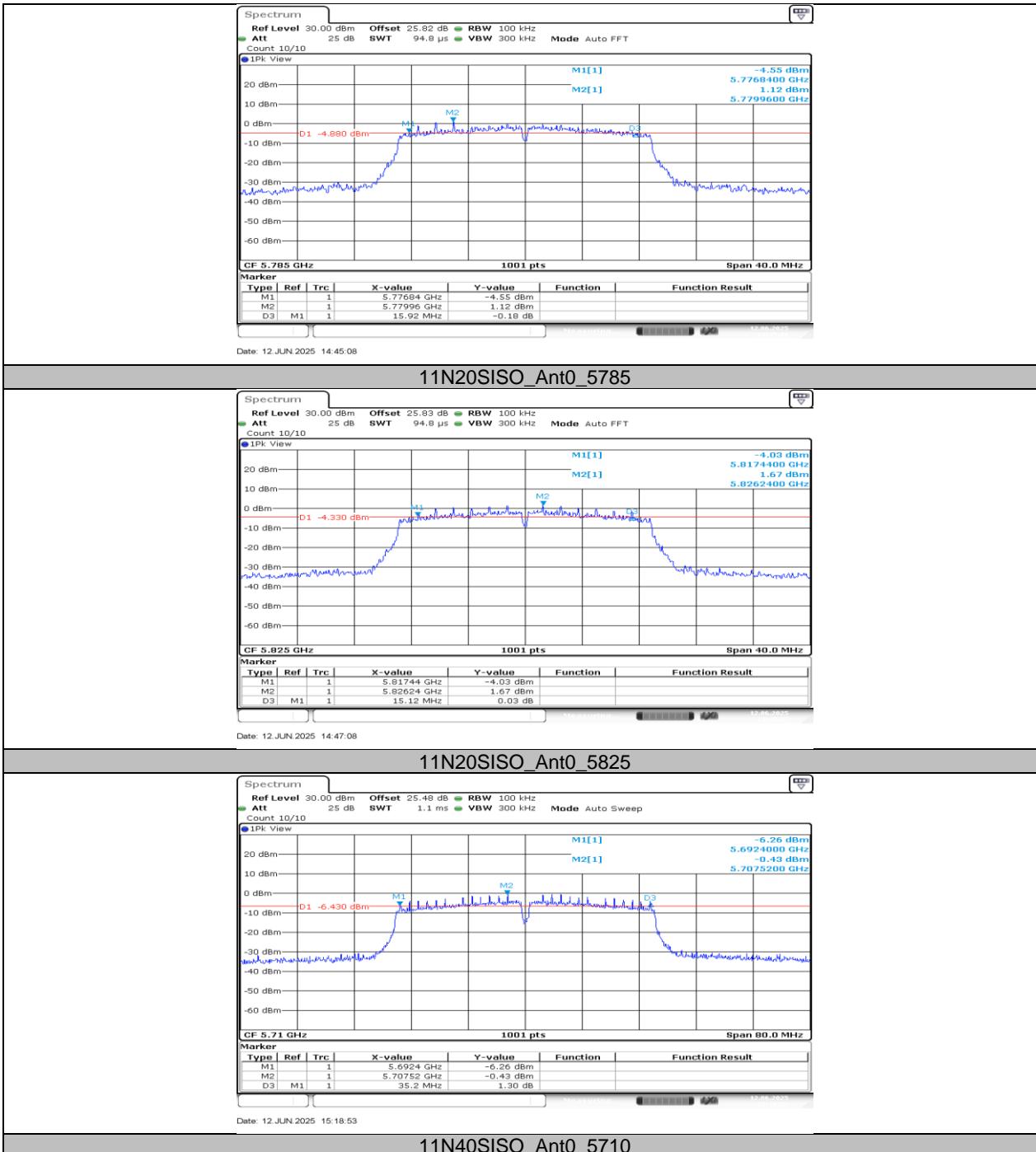
11.3.1. Test Result

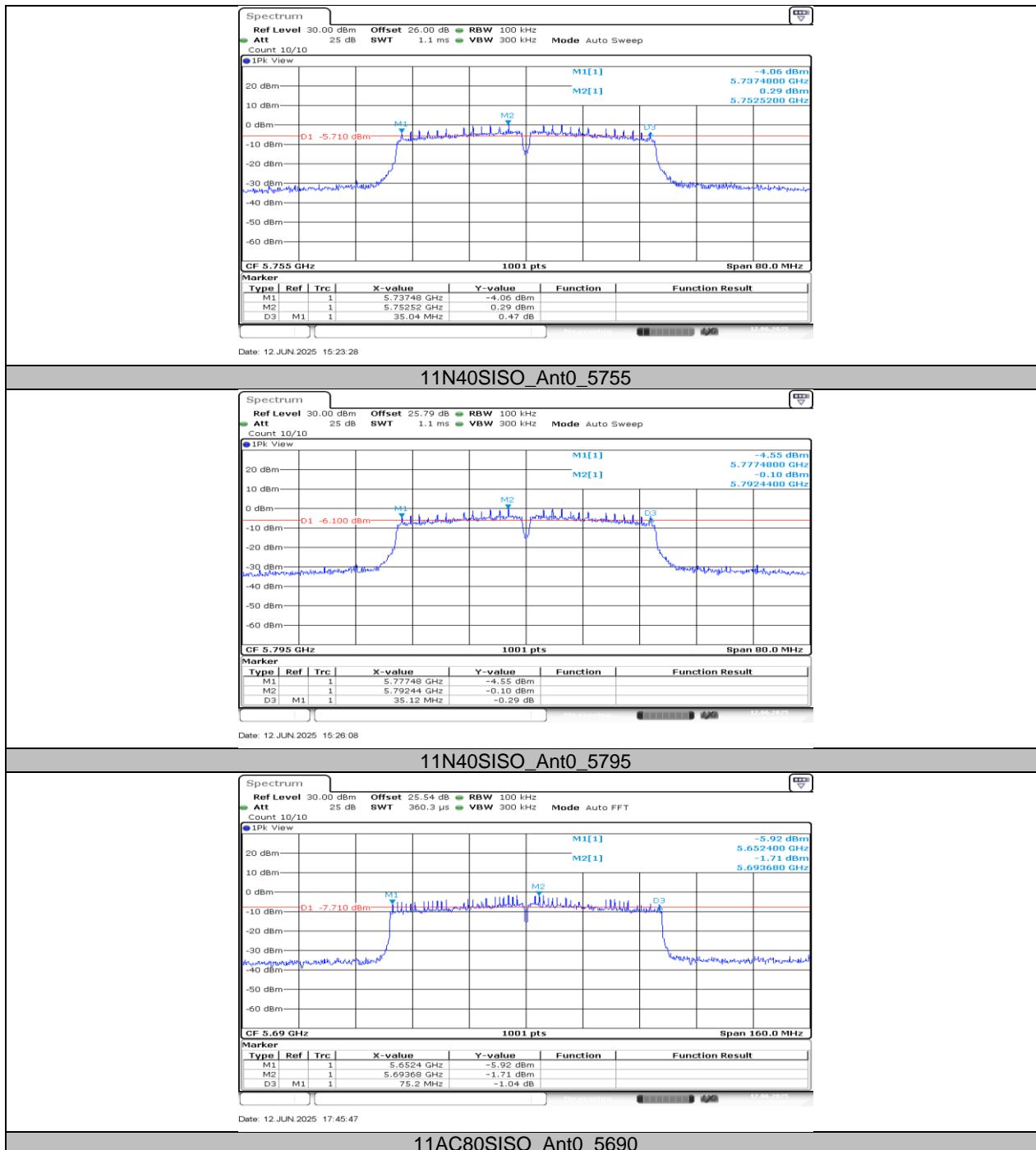
| Test Mode | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|---------|---------|------------|---------|
| 11A | Ant0 | 5720 | 16.32 | 5711.84 | 5728.16 | --- | --- |
| | | 5720_UNII-2C | 13.16 | 5711.84 | 5725 | --- | --- |
| | | 5720_UNII-3 | 3.16 | 5725 | 5728.16 | ≥ 0.5 | PASS |
| | | 5745 | 15.32 | 5737.24 | 5752.56 | ≥ 0.5 | PASS |
| | | 5785 | 15.72 | 5777.40 | 5793.12 | ≥ 0.5 | PASS |
| | | 5825 | 15.12 | 5817.44 | 5832.56 | ≥ 0.5 | PASS |
| 11N20SISO | Ant0 | 5720 | 15.32 | 5712.40 | 5727.72 | --- | --- |
| | | 5720_UNII-2C | 12.6 | 5712.40 | 5725 | --- | --- |
| | | 5720_UNII-3 | 2.72 | 5725 | 5727.72 | ≥ 0.5 | PASS |
| | | 5745 | 15.16 | 5737.40 | 5752.56 | ≥ 0.5 | PASS |
| | | 5785 | 15.92 | 5776.84 | 5792.76 | ≥ 0.5 | PASS |
| | | 5825 | 15.12 | 5817.44 | 5832.56 | ≥ 0.5 | PASS |
| 11N40SISO | Ant0 | 5710 | 35.20 | 5692.40 | 5727.60 | --- | --- |
| | | 5710_UNII-2C | 32.6 | 5692.40 | 5725 | --- | --- |
| | | 5710_UNII-3 | 2.6 | 5725 | 5727.60 | ≥ 0.5 | PASS |
| | | 5755 | 35.04 | 5737.48 | 5772.52 | ≥ 0.5 | PASS |
| | | 5795 | 35.12 | 5777.48 | 5812.60 | ≥ 0.5 | PASS |
| 11AC80SISO | Ant0 | 5690 | 75.20 | 5652.40 | 5727.60 | --- | --- |
| | | 5690_UNII-2C | 72.6 | 5652.40 | 5725 | --- | --- |
| | | 5690_UNII-3 | 2.6 | 5725 | 5727.60 | ≥ 0.5 | PASS |
| | | 5775 | 75.20 | 5737.40 | 5812.60 | ≥ 0.5 | PASS |

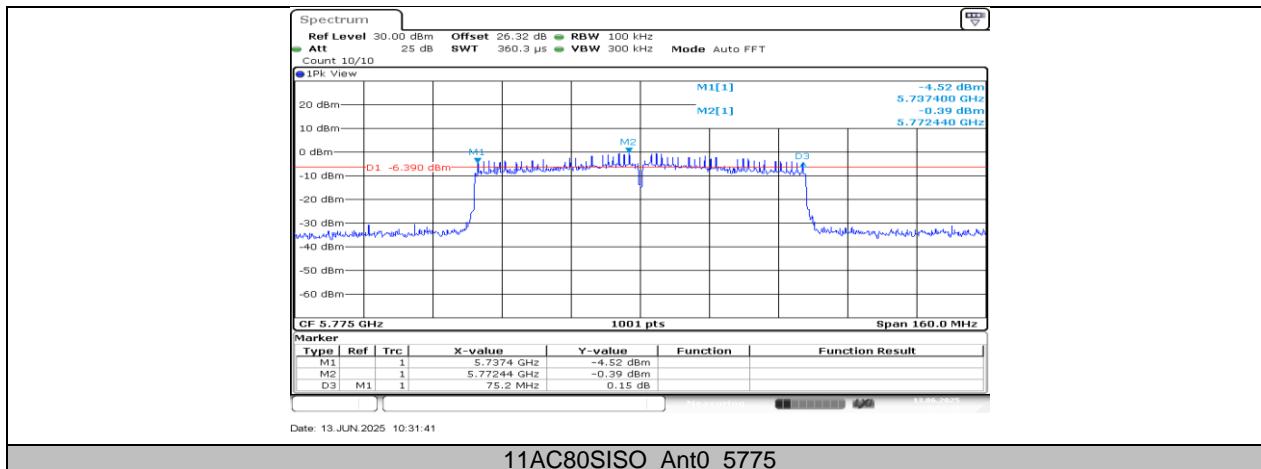
11.3.2. Test Graphs











11.4. APPENDIX D1: MAXIMUM CONDUCTED OUTPUT POWER

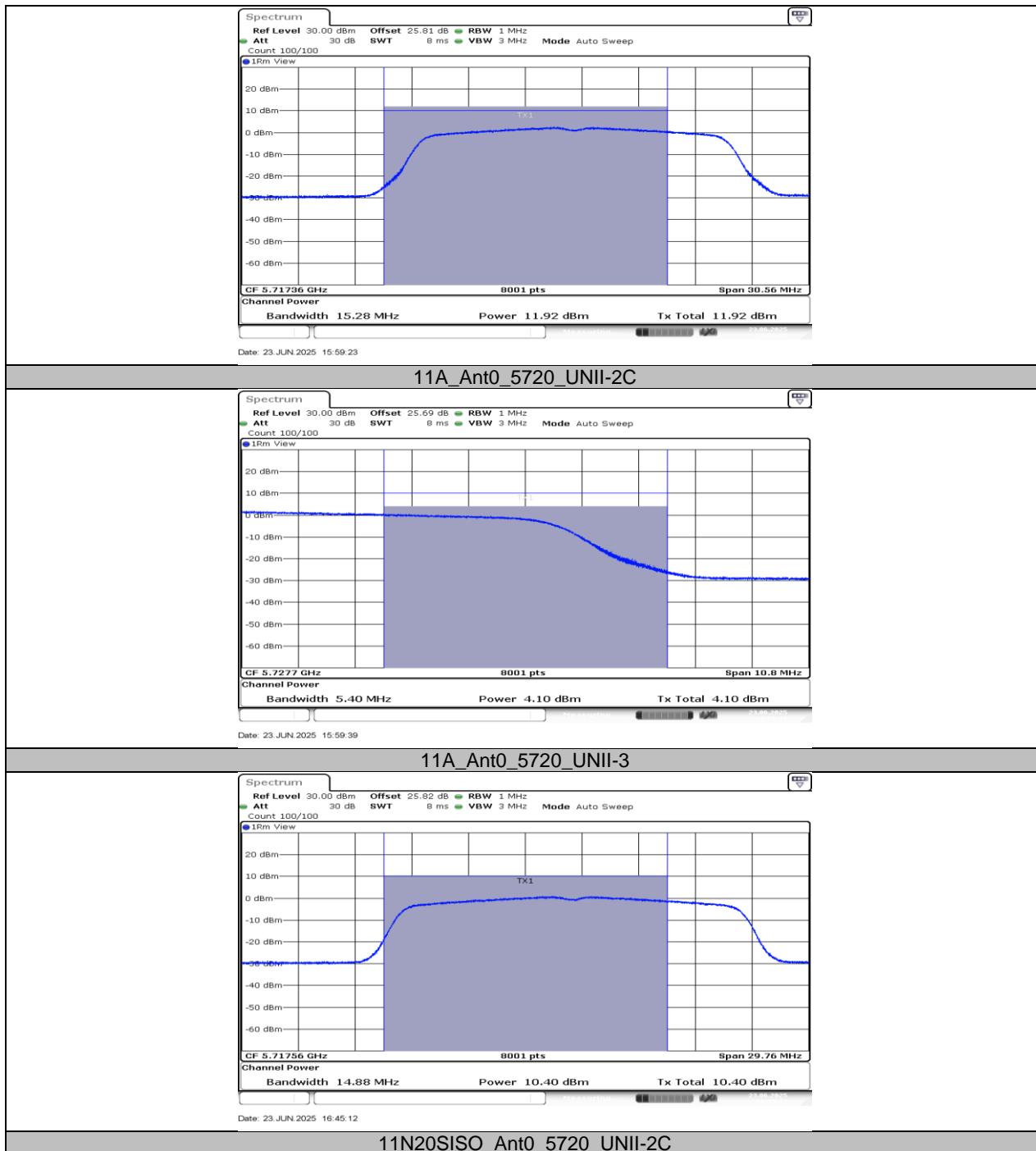
11.4.1. Test Result

| Test Mode | Antenna | Frequency[MHz] | Power [dBm] | FCC Limit [dBm] | ISED Limit [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|------------|---------|----------------|-------------|-----------------|------------------|------------|-------------|---------|
| 11A | Ant0 | 5180 | 13.79 | ≤23.98 | --- | 16.36 | ≤22.33 | PASS |
| | | 5200 | 12.95 | ≤23.98 | --- | 15.52 | ≤22.44 | PASS |
| | | 5240 | 13.04 | ≤23.98 | --- | 15.61 | ≤22.43 | PASS |
| | | 5260 | 12.05 | ≤23.98 | ≤23.42 | 14.62 | ≤29.42 | PASS |
| | | 5280 | 12.38 | ≤23.98 | ≤23.43 | 14.95 | ≤29.43 | PASS |
| | | 5320 | 12.70 | ≤23.98 | ≤23.35 | 15.27 | ≤29.35 | PASS |
| | | 5500 | 13.03 | ≤23.98 | ≤23.34 | 15.60 | ≤29.34 | PASS |
| | | 5580 | 12.89 | ≤23.98 | ≤23.37 | 15.46 | ≤29.37 | PASS |
| | | 5700 | 12.39 | ≤23.98 | ≤23.44 | 14.96 | ≤29.44 | PASS |
| | | 5720_UNII-2C | 11.92 | ≤22.84 | ≤22.36 | 14.49 | ≤28.36 | PASS |
| | | 5720_UNII-3 | 4.10 | ≤30.00 | ≤30.00 | 6.67 | --- | PASS |
| | | 5745 | 15.37 | ≤30.00 | ≤30.00 | 17.94 | --- | PASS |
| | | 5785 | 15.15 | ≤30.00 | ≤30.00 | 17.72 | --- | PASS |
| | | 5825 | 13.92 | ≤30.00 | ≤30.00 | 16.49 | --- | PASS |
| 11N20SISO | Ant0 | 5180 | 13.00 | ≤23.98 | --- | 15.57 | ≤22.54 | PASS |
| | | 5200 | 12.79 | ≤23.98 | --- | 15.36 | ≤22.61 | PASS |
| | | 5240 | 13.10 | ≤23.98 | --- | 15.67 | ≤22.60 | PASS |
| | | 5260 | 10.92 | ≤23.98 | ≤23.60 | 13.49 | ≤29.60 | PASS |
| | | 5280 | 11.35 | ≤23.98 | ≤23.59 | 13.92 | ≤29.59 | PASS |
| | | 5320 | 11.65 | ≤23.98 | ≤23.56 | 14.22 | ≤29.56 | PASS |
| | | 5500 | 11.65 | ≤23.98 | ≤23.55 | 14.22 | ≤29.55 | PASS |
| | | 5580 | 11.41 | ≤23.98 | ≤23.59 | 13.98 | ≤29.59 | PASS |
| | | 5700 | 10.97 | ≤23.98 | ≤23.61 | 13.54 | ≤29.61 | PASS |
| | | 5720_UNII-2C | 10.40 | ≤22.73 | ≤22.47 | 12.97 | ≤28.47 | PASS |
| | | 5720_UNII-3 | 2.90 | ≤30.00 | ≤30.00 | 5.47 | --- | PASS |
| | | 5745 | 14.34 | ≤30.00 | ≤30.00 | 16.91 | --- | PASS |
| | | 5785 | 14.04 | ≤30.00 | ≤30.00 | 16.61 | --- | PASS |
| | | 5825 | 14.05 | ≤30.00 | ≤30.00 | 16.62 | --- | PASS |
| 11N40SISO | Ant0 | 5190 | 14.50 | ≤23.98 | --- | 17.07 | ≤23.00 | PASS |
| | | 5230 | 14.08 | ≤23.98 | --- | 16.65 | ≤23.00 | PASS |
| | | 5270 | 13.13 | ≤23.98 | ≤23.98 | 15.70 | ≤30.00 | PASS |
| | | 5310 | 13.67 | ≤23.98 | ≤23.98 | 16.24 | ≤30.00 | PASS |
| | | 5510 | 13.58 | ≤23.98 | ≤23.98 | 16.15 | ≤30.00 | PASS |
| | | 5550 | 13.67 | ≤23.98 | ≤23.98 | 16.24 | ≤30.00 | PASS |
| | | 5670 | 13.76 | ≤23.98 | ≤23.98 | 16.33 | ≤30.00 | PASS |
| | | 5710_UNII-2C | 13.60 | ≤23.98 | ≤23.98 | 16.17 | ≤30.00 | PASS |
| | | 5710_UNII-3 | 1.33 | ≤30.00 | ≤30.00 | 3.90 | --- | PASS |
| | | 5755 | 14.62 | ≤30.00 | ≤30.00 | 17.19 | --- | PASS |
| | | 5795 | 14.38 | ≤30.00 | ≤30.00 | 16.95 | --- | PASS |
| 11AC80SISO | Ant0 | 5210 | 13.72 | ≤23.98 | --- | 16.29 | ≤23.00 | PASS |
| | | 5290 | 13.51 | ≤23.98 | ≤23.98 | 16.08 | ≤30.00 | PASS |
| | | 5530 | 12.05 | ≤23.98 | ≤23.98 | 14.62 | ≤30.00 | PASS |
| | | 5610 | 11.61 | ≤23.98 | ≤23.98 | 14.18 | ≤30.00 | PASS |
| | | 5690_UNII-2C | 11.23 | ≤23.98 | ≤23.98 | 13.80 | ≤30.00 | PASS |
| | | 5690_UNII-3 | -4.45 | ≤30.00 | ≤30.00 | -1.88 | --- | PASS |
| | | 5775 | 14.36 | ≤30.00 | ≤30.00 | 16.93 | --- | PASS |

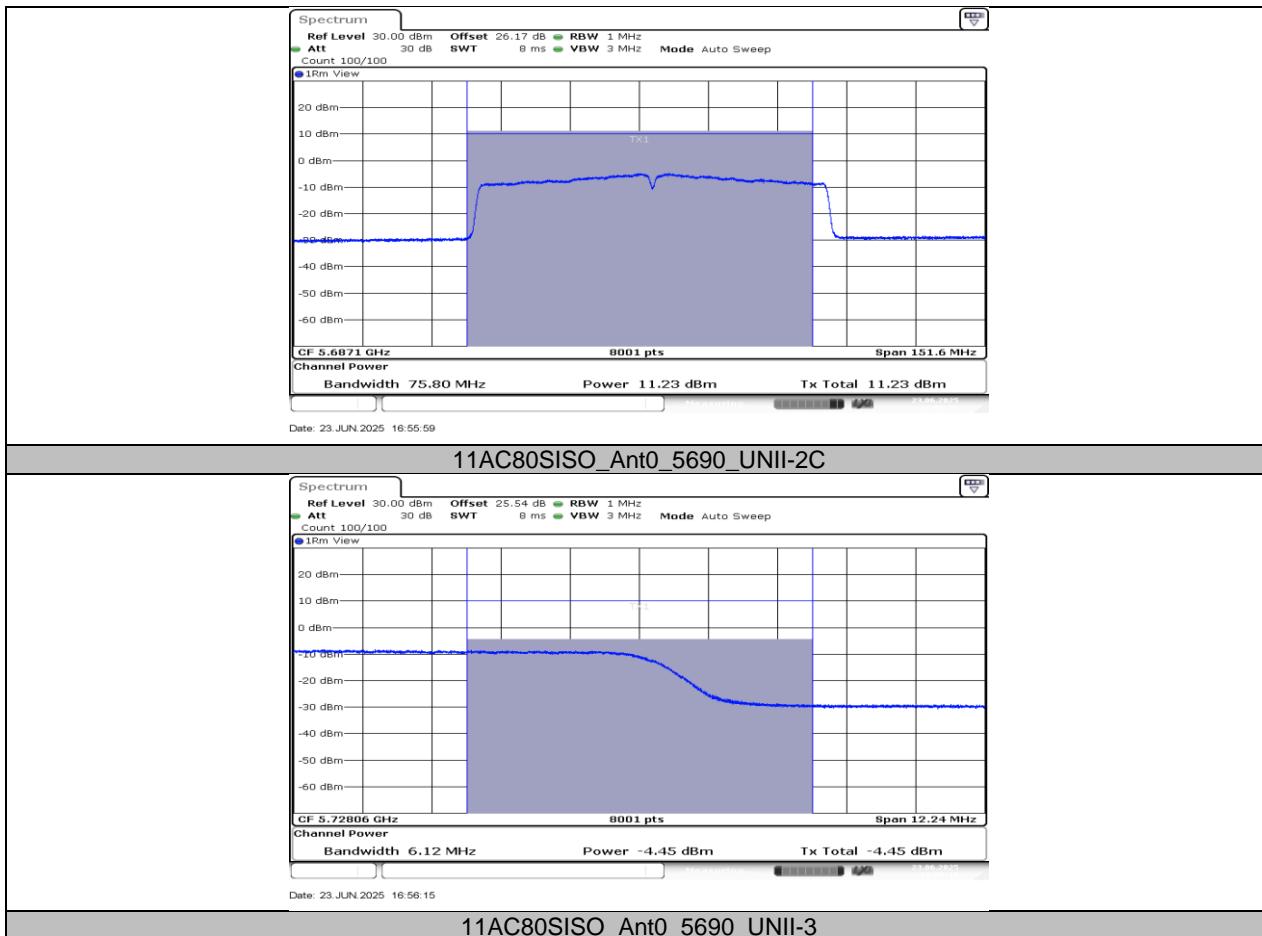
Note: 1. Conducted Power=Meas. Level+ Correction Factor

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

11.4.2. Test Graphs







11.5. APPENDIX E1: 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 | 3.48 | ≤11.00 | 6.05 | ≤10.00 | PASS |
| | | 5200 | 2.47 | ≤11.00 | 5.04 | ≤10.00 | PASS |
| | | 5240 | 2.72 | ≤11.00 | 5.29 | ≤10.00 | PASS |
| | | 5260 | 1.87 | ≤11.00 | 4.44 | --- | PASS |
| | | 5280 | 1.92 | ≤11.00 | 4.49 | --- | PASS |
| | | 5320 | 2.23 | ≤11.00 | 4.80 | --- | PASS |
| | | 5500 | 2.69 | ≤11.00 | 5.26 | --- | PASS |
| | | 5580 | 2.56 | ≤11.00 | 5.13 | --- | PASS |
| | | 5700 | 2.16 | ≤11.00 | 4.73 | --- | PASS |
| | | 5720_UNII-2C | 2.35 | ≤11.00 | 4.92 | --- | PASS |
| | | 5720_UNII-3 | -2.42 | ≤30.00 | 0.15 | --- | PASS |
| | | 5745 | 2.30 | ≤30.00 | 4.87 | --- | PASS |
| | | 5785 | 2.14 | ≤30.00 | 4.71 | --- | PASS |
| | | 5825 | 0.90 | ≤30.00 | 3.47 | --- | PASS |
| 11N20SISO | Ant0 | 5180 | 2.31 | ≤11.00 | 4.88 | ≤10.00 | PASS |
| | | 5200 | 2.42 | ≤11.00 | 4.99 | ≤10.00 | PASS |
| | | 5240 | 2.58 | ≤11.00 | 5.15 | ≤10.00 | PASS |
| | | 5260 | 0.53 | ≤11.00 | 3.10 | --- | PASS |
| | | 5280 | 0.76 | ≤11.00 | 3.33 | --- | PASS |
| | | 5320 | 1.25 | ≤11.00 | 3.82 | --- | PASS |
| | | 5500 | 0.88 | ≤11.00 | 3.45 | --- | PASS |
| | | 5580 | 0.89 | ≤11.00 | 3.46 | --- | PASS |
| | | 5700 | 0.40 | ≤11.00 | 2.97 | --- | PASS |
| | | 5720_UNII-2C | 0.56 | ≤11.00 | 3.13 | --- | PASS |
| | | 5720_UNII-3 | -4.38 | ≤30.00 | -1.81 | --- | PASS |
| | | 5745 | 1.05 | ≤30.00 | 3.62 | --- | PASS |
| | | 5785 | 0.61 | ≤30.00 | 3.18 | --- | PASS |
| | | 5825 | 0.79 | ≤30.00 | 3.36 | --- | PASS |
| 11N40SISO | Ant0 | 5190 | 1.02 | ≤11.00 | 3.59 | ≤10.00 | PASS |
| | | 5230 | 0.78 | ≤11.00 | 3.35 | ≤10.00 | PASS |
| | | 5270 | -0.24 | ≤11.00 | 2.33 | --- | PASS |
| | | 5310 | 0.21 | ≤11.00 | 2.78 | --- | PASS |
| | | 5510 | 0.15 | ≤11.00 | 2.72 | --- | PASS |
| | | 5550 | 0.13 | ≤11.00 | 2.70 | --- | PASS |
| | | 5670 | 0.28 | ≤11.00 | 2.85 | --- | PASS |
| | | 5710_UNII-2C | 0.49 | ≤11.00 | 3.06 | --- | PASS |
| | | 5710_UNII-3 | -5.43 | ≤30.00 | -2.86 | --- | PASS |
| | | 5755 | -1.79 | ≤30.00 | 0.78 | --- | PASS |
| | | 5795 | -2.01 | ≤30.00 | 0.56 | --- | PASS |
| 11AC80SISO | Ant0 | 5210 | -2.78 | ≤11.00 | -0.21 | ≤10.00 | PASS |
| | | 5290 | -2.86 | ≤11.00 | -0.29 | --- | PASS |
| | | 5530 | -4.52 | ≤11.00 | -1.95 | --- | PASS |
| | | 5610 | -4.75 | ≤11.00 | -2.18 | --- | PASS |
| | | 5690_UNII-2C | -5.09 | ≤11.00 | -2.52 | --- | PASS |
| | | 5690_UNII-3 | -11.15 | ≤30.00 | -8.58 | --- | PASS |
| | | 5775 | -4.60 | ≤30.00 | -2.03 | --- | 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

