

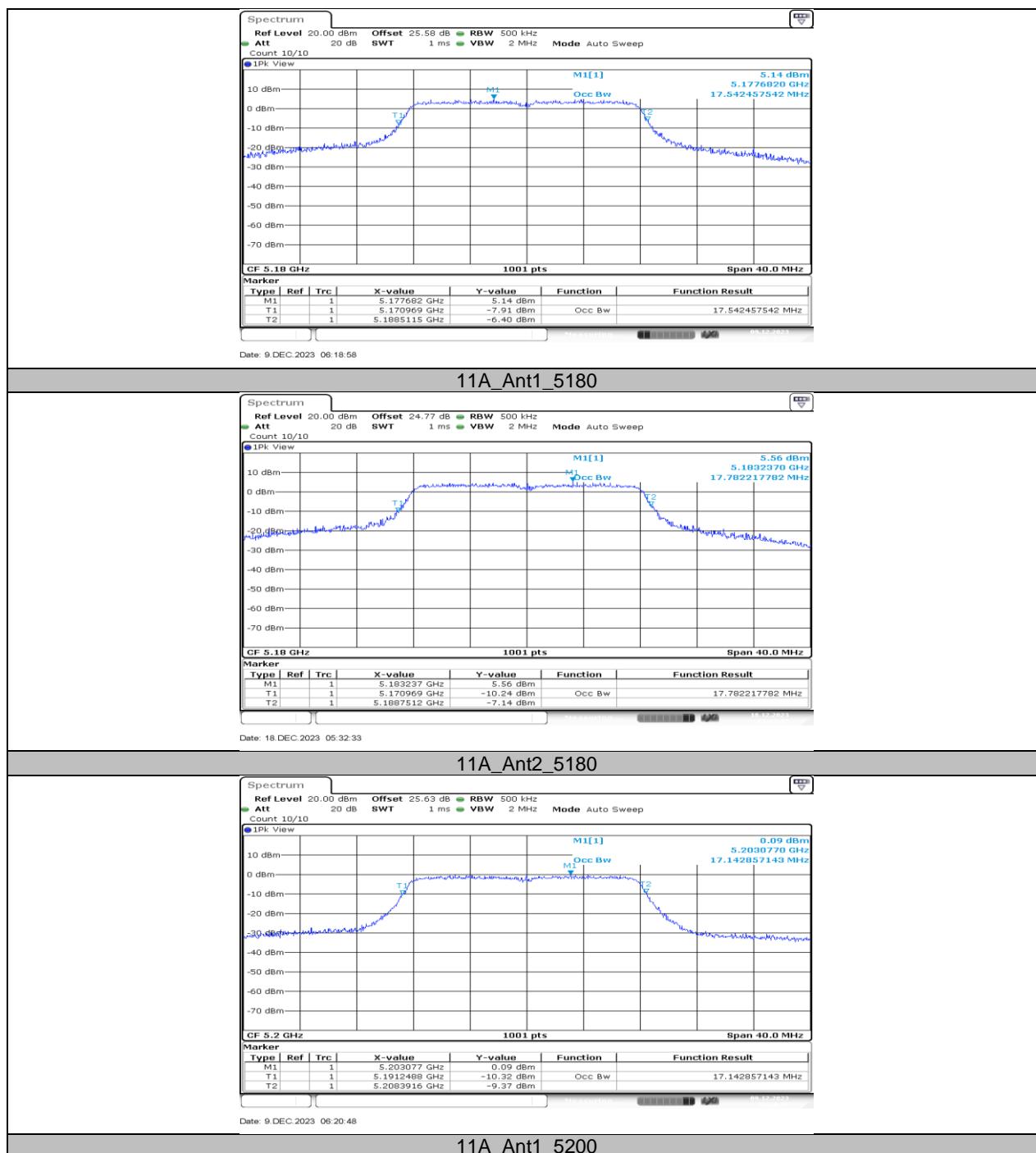
11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

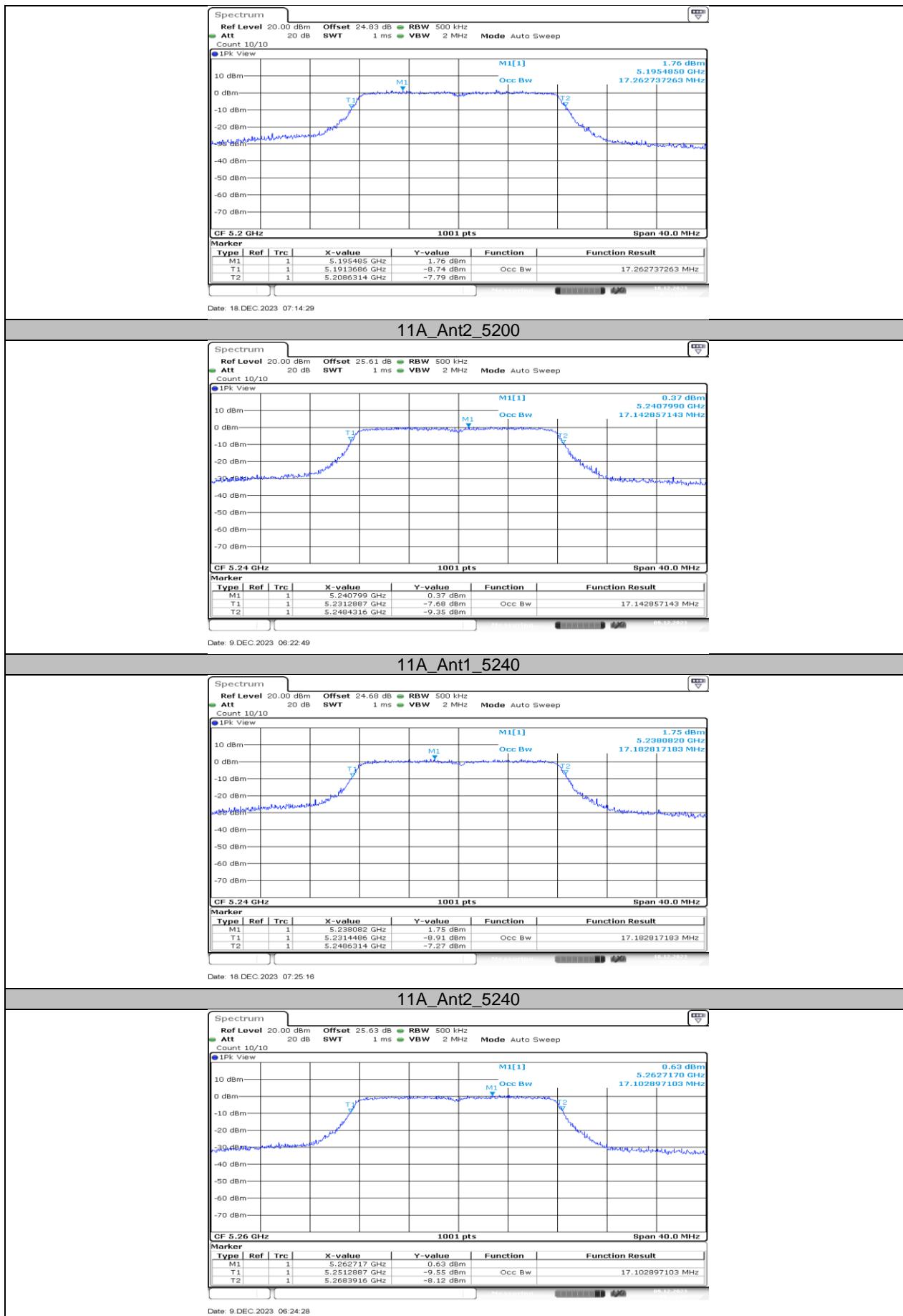
11.2.1. Test Result

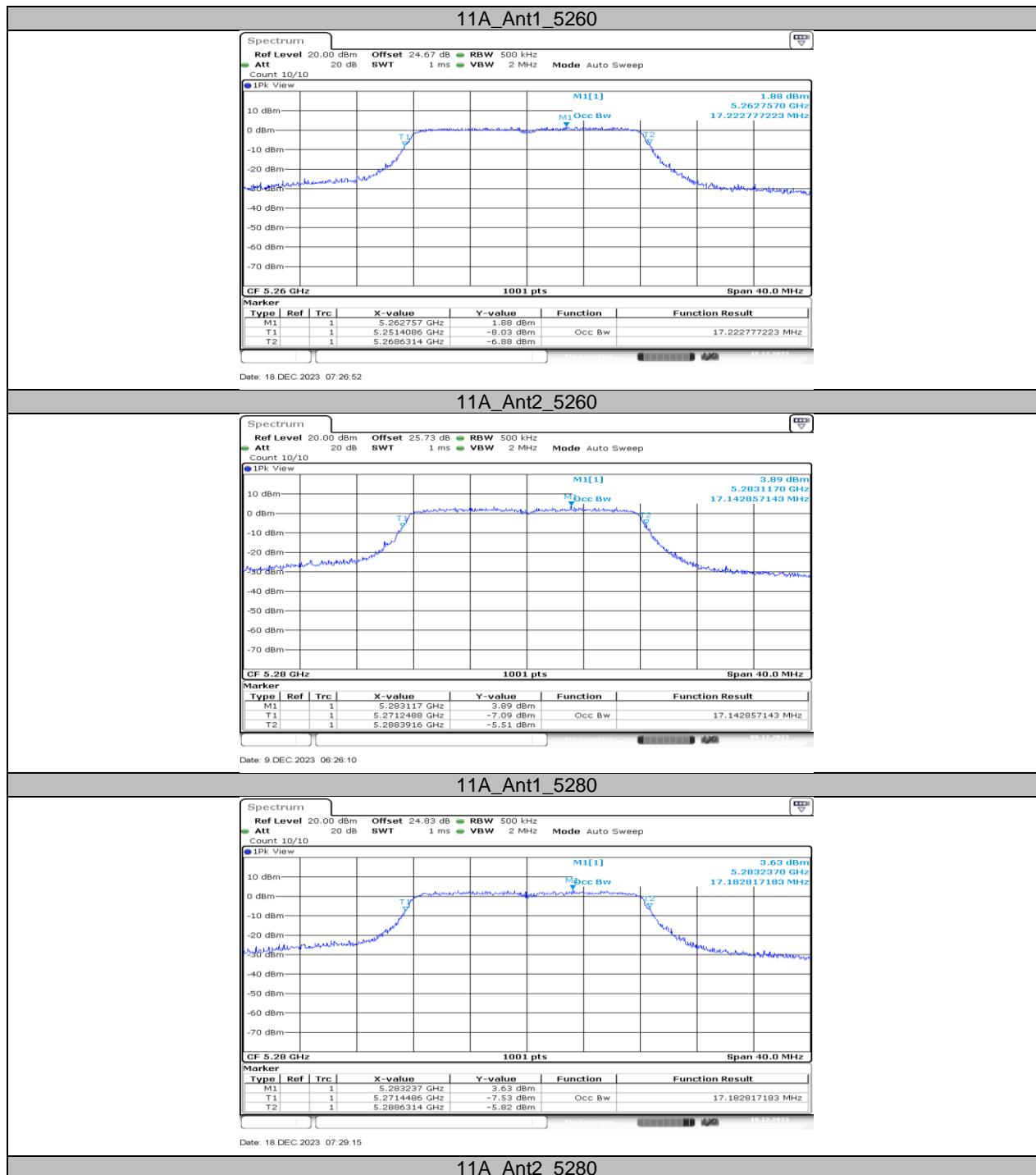
| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|---------|
| 11A | Ant1 | 5180 | 17.542 | 5170.9690 | 5188.5115 | PASS |
| | Ant2 | 5180 | 17.782 | 5170.9690 | 5188.7512 | PASS |
| | Ant1 | 5200 | 17.143 | 5191.2488 | 5208.3916 | PASS |
| | Ant2 | 5200 | 17.263 | 5191.3686 | 5208.6314 | PASS |
| | Ant1 | 5240 | 17.143 | 5231.2887 | 5248.4316 | PASS |
| | Ant2 | 5240 | 17.183 | 5231.4486 | 5248.6314 | PASS |
| | Ant1 | 5260 | 17.103 | 5251.2887 | 5268.3916 | PASS |
| | Ant2 | 5260 | 17.223 | 5251.4086 | 5268.6314 | PASS |
| | Ant1 | 5280 | 17.143 | 5271.2488 | 5288.3916 | PASS |
| | Ant2 | 5280 | 17.183 | 5271.4486 | 5288.6314 | PASS |
| | Ant1 | 5320 | 17.183 | 5311.1688 | 5328.3516 | PASS |
| | Ant2 | 5320 | 17.263 | 5311.3686 | 5328.6314 | PASS |
| | Ant1 | 5500 | 17.223 | 5491.1688 | 5508.3916 | PASS |
| | Ant2 | 5500 | 17.223 | 5491.4086 | 5508.6314 | PASS |
| | Ant1 | 5580 | 17.183 | 5571.1688 | 5588.3516 | PASS |
| | Ant2 | 5580 | 17.263 | 5571.3287 | 5588.5914 | PASS |
| | Ant1 | 5700 | 17.143 | 5691.2088 | 5708.3516 | PASS |
| | Ant2 | 5700 | 17.143 | 5691.4486 | 5708.5914 | PASS |
| | Ant1 | 5720 | 17.183 | 5711.1688 | 5728.3516 | PASS |
| | Ant2 | 5720 | 17.183 | 5711.4086 | 5728.5914 | PASS |
| | Ant1 | 5720_UNII-2C | 13.831 | 5711.1688 | 5725 | PASS |
| | Ant2 | 5720_UNII-2C | 13.591 | 5711.4086 | 5725 | PASS |
| | Ant1 | 5720_UNII-3 | 3.352 | 5725 | 5728.3516 | PASS |
| | Ant2 | 5720_UNII-3 | 3.591 | 5725 | 5728.5914 | PASS |
| | Ant1 | 5745 | 17.383 | 5736.0090 | 5753.3916 | PASS |
| | Ant2 | 5745 | 17.183 | 5736.3686 | 5753.5514 | PASS |
| | Ant1 | 5785 | 17.303 | 5776.0490 | 5793.3516 | PASS |
| | Ant2 | 5785 | 17.303 | 5776.2488 | 5793.5514 | PASS |
| | Ant1 | 5825 | 17.343 | 5816.0490 | 5833.3916 | PASS |
| | Ant2 | 5825 | 17.303 | 5816.2887 | 5833.5914 | PASS |
| 11N20SISO | Ant1 | 5180 | 18.222 | 5170.6893 | 5188.9111 | PASS |
| | Ant2 | 5180 | 18.222 | 5170.8891 | 5189.1109 | PASS |
| | Ant1 | 5200 | 18.262 | 5190.6893 | 5208.9510 | PASS |
| | Ant2 | 5200 | 18.262 | 5190.8492 | 5209.1109 | PASS |
| | Ant1 | 5240 | 18.182 | 5230.7293 | 5248.9111 | PASS |
| | Ant2 | 5240 | 18.222 | 5230.8891 | 5249.1109 | PASS |
| | Ant1 | 5260 | 18.182 | 5250.7293 | 5268.9111 | PASS |
| | Ant2 | 5260 | 18.222 | 5250.9291 | 5269.1508 | PASS |
| | Ant1 | 5280 | 18.222 | 5270.6893 | 5288.9111 | PASS |
| | Ant2 | 5280 | 18.182 | 5270.9291 | 5289.1109 | PASS |
| | Ant1 | 5320 | 18.182 | 5310.6893 | 5328.8711 | PASS |
| | Ant2 | 5320 | 18.222 | 5310.8891 | 5329.1109 | PASS |
| | Ant1 | 5500 | 18.182 | 5490.6893 | 5508.8711 | PASS |
| | Ant2 | 5500 | 18.222 | 5490.9291 | 5509.1508 | PASS |
| | Ant1 | 5580 | 18.142 | 5570.6893 | 5588.8312 | PASS |
| | Ant2 | 5580 | 18.222 | 5570.8492 | 5589.0709 | PASS |
| | Ant1 | 5700 | 18.342 | 5690.6094 | 5708.9510 | PASS |
| | Ant2 | 5700 | 18.182 | 5690.9291 | 5709.1109 | PASS |
| | Ant1 | 5720 | 18.222 | 5710.6893 | 5728.9111 | PASS |
| | Ant2 | 5720 | 18.342 | 5710.8092 | 5729.1508 | PASS |
| | Ant1 | 5720_UNII-2C | 14.311 | 5710.6893 | 5725 | PASS |
| | Ant2 | 5720_UNII-2C | 14.191 | 5710.8092 | 5725 | PASS |
| | Ant1 | 5720_UNII-3 | 3.911 | 5725 | 5728.9111 | PASS |
| | Ant2 | 5720_UNII-3 | 4.151 | 5725 | 5729.1508 | PASS |
| | Ant1 | 5745 | 18.182 | 5735.6494 | 5753.8312 | PASS |
| | Ant2 | 5745 | 18.302 | 5735.8092 | 5754.1109 | PASS |

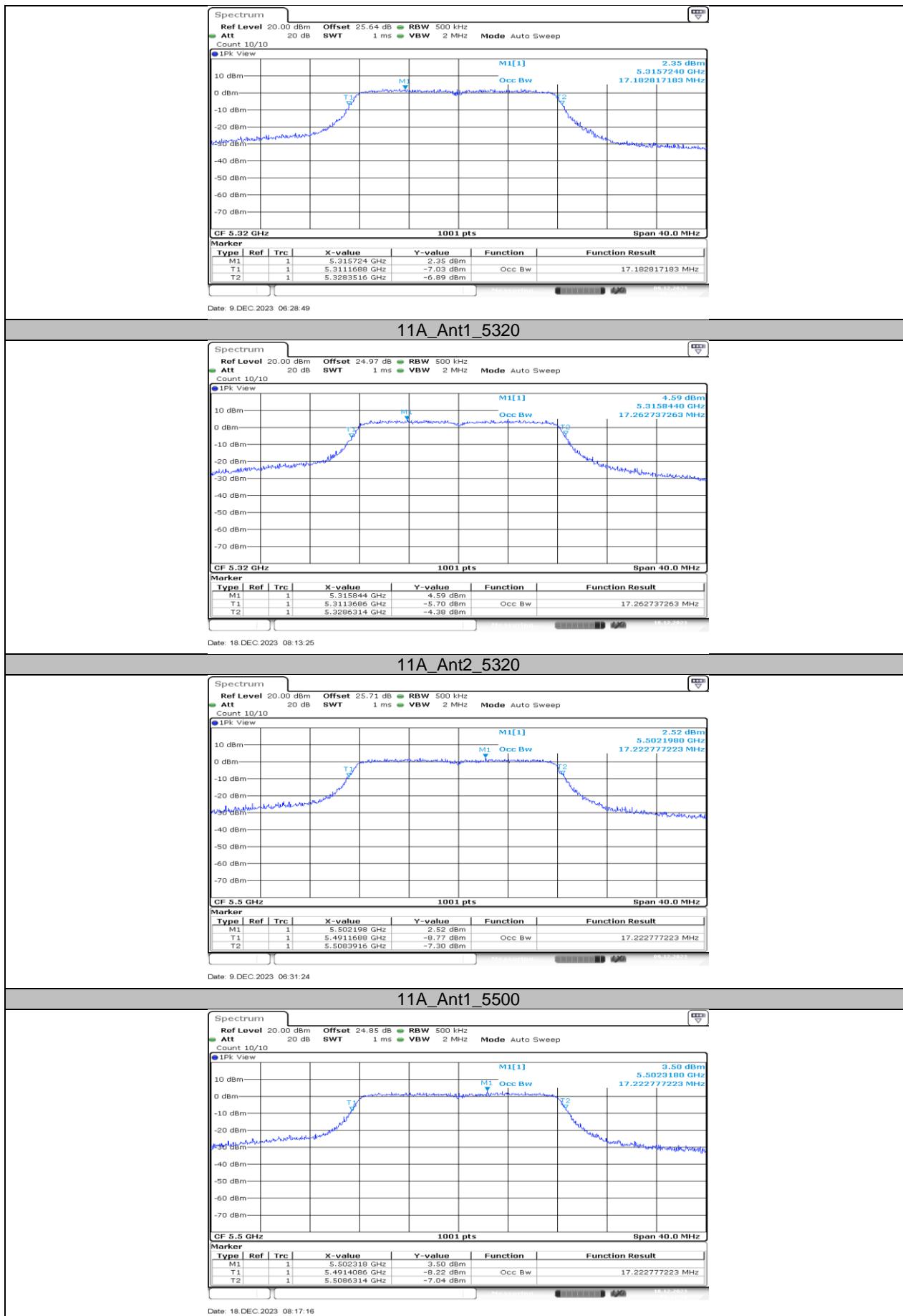
| | | | | | | |
|--|------|------|--------|-----------|-----------|------|
| | Ant1 | 5785 | 18.342 | 5775.5295 | 5793.8711 | PASS |
| | Ant2 | 5785 | 18.262 | 5775.8092 | 5794.0709 | PASS |
| | Ant1 | 5825 | 18.302 | 5815.5694 | 5833.8711 | PASS |
| | Ant2 | 5825 | 18.262 | 5815.8092 | 5834.0709 | PASS |

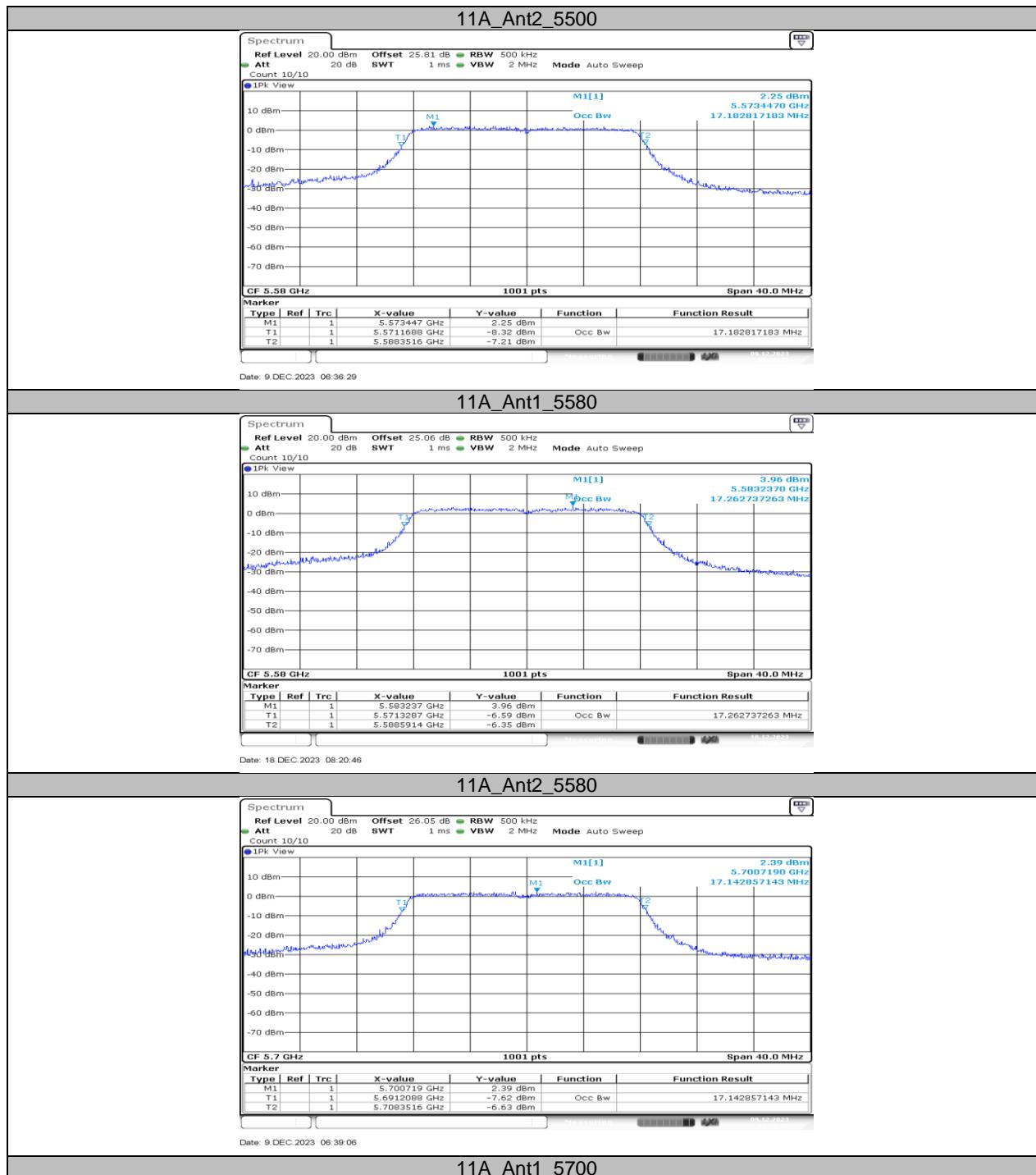
11.2.2. Test Graphs

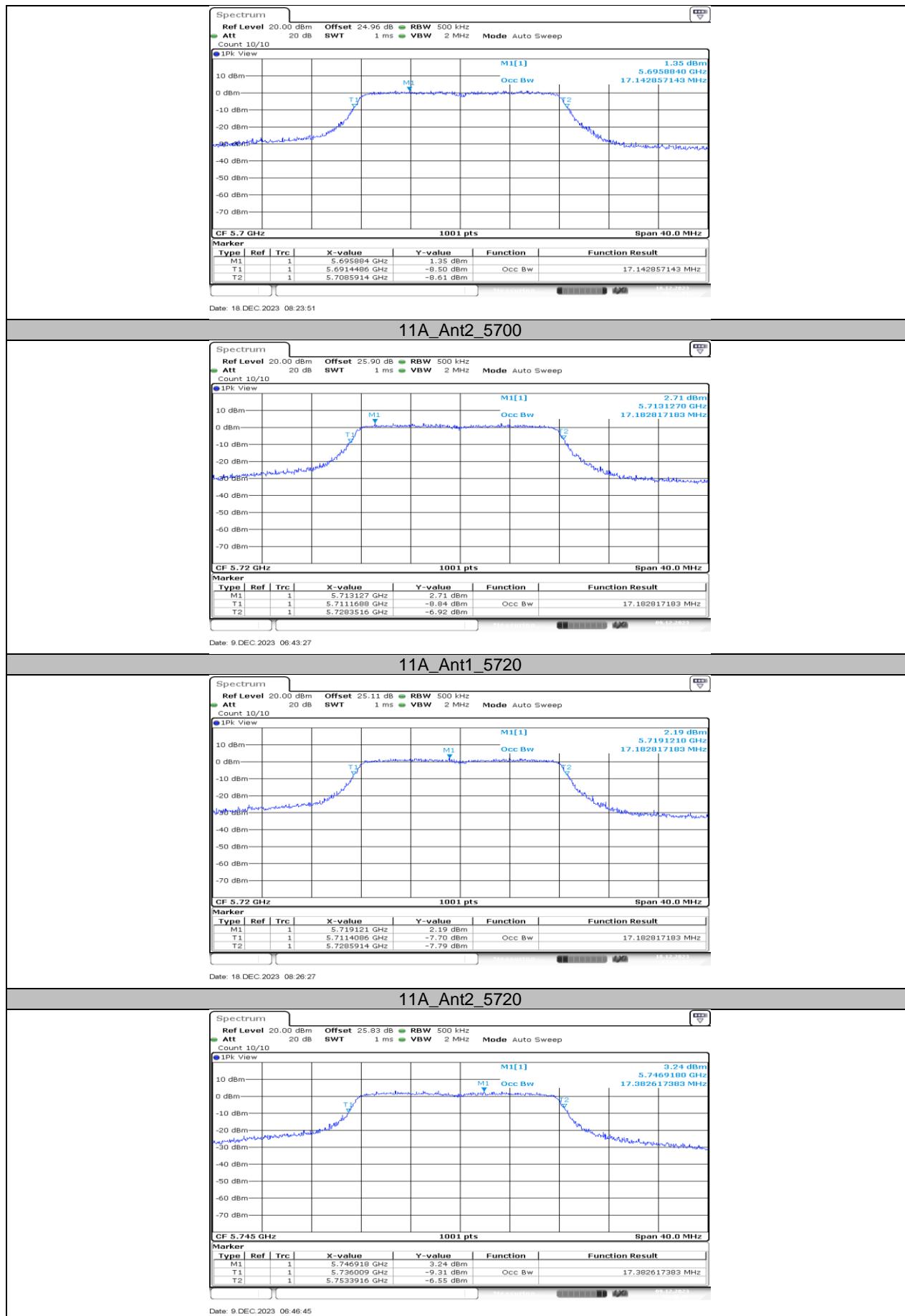


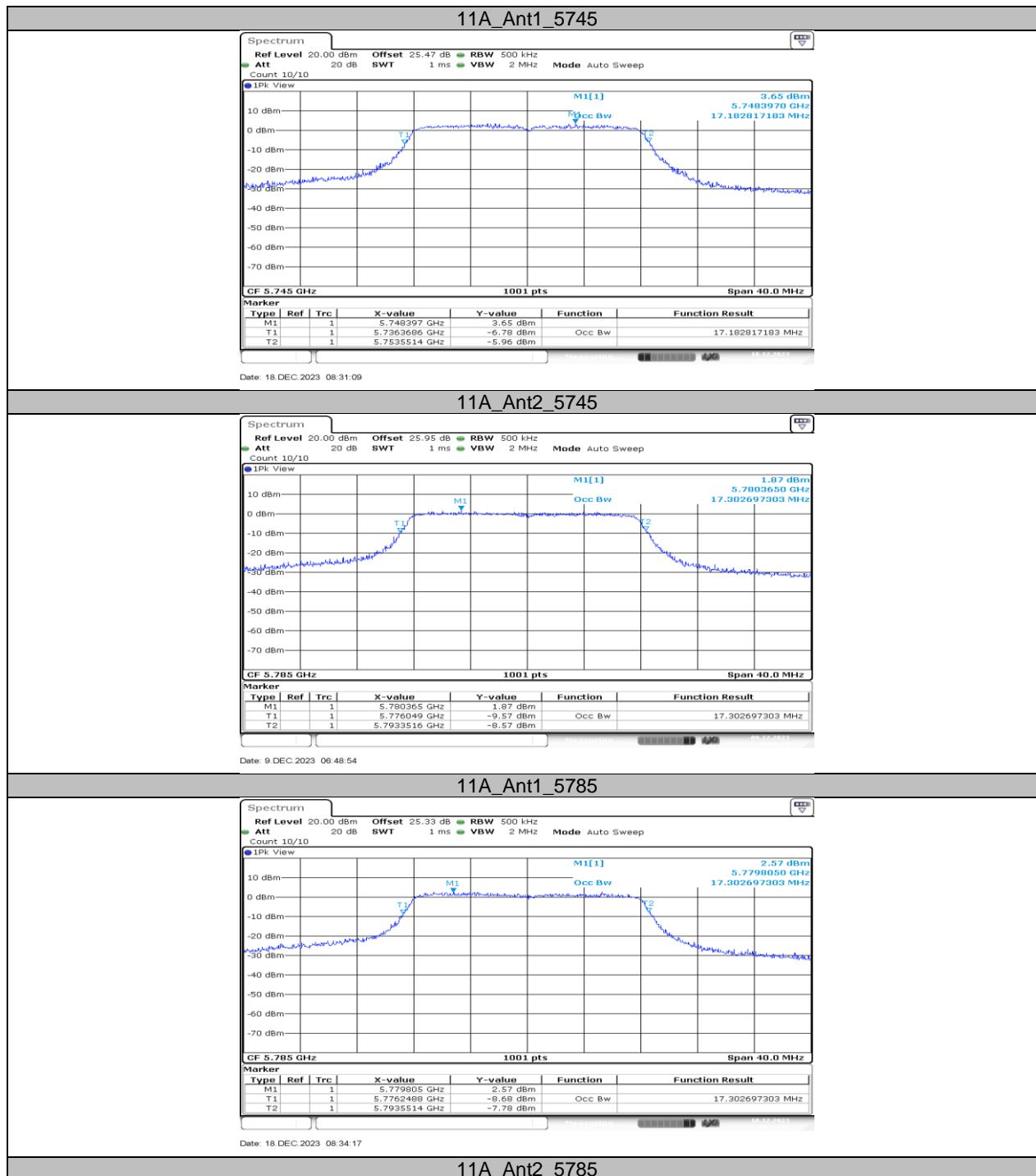


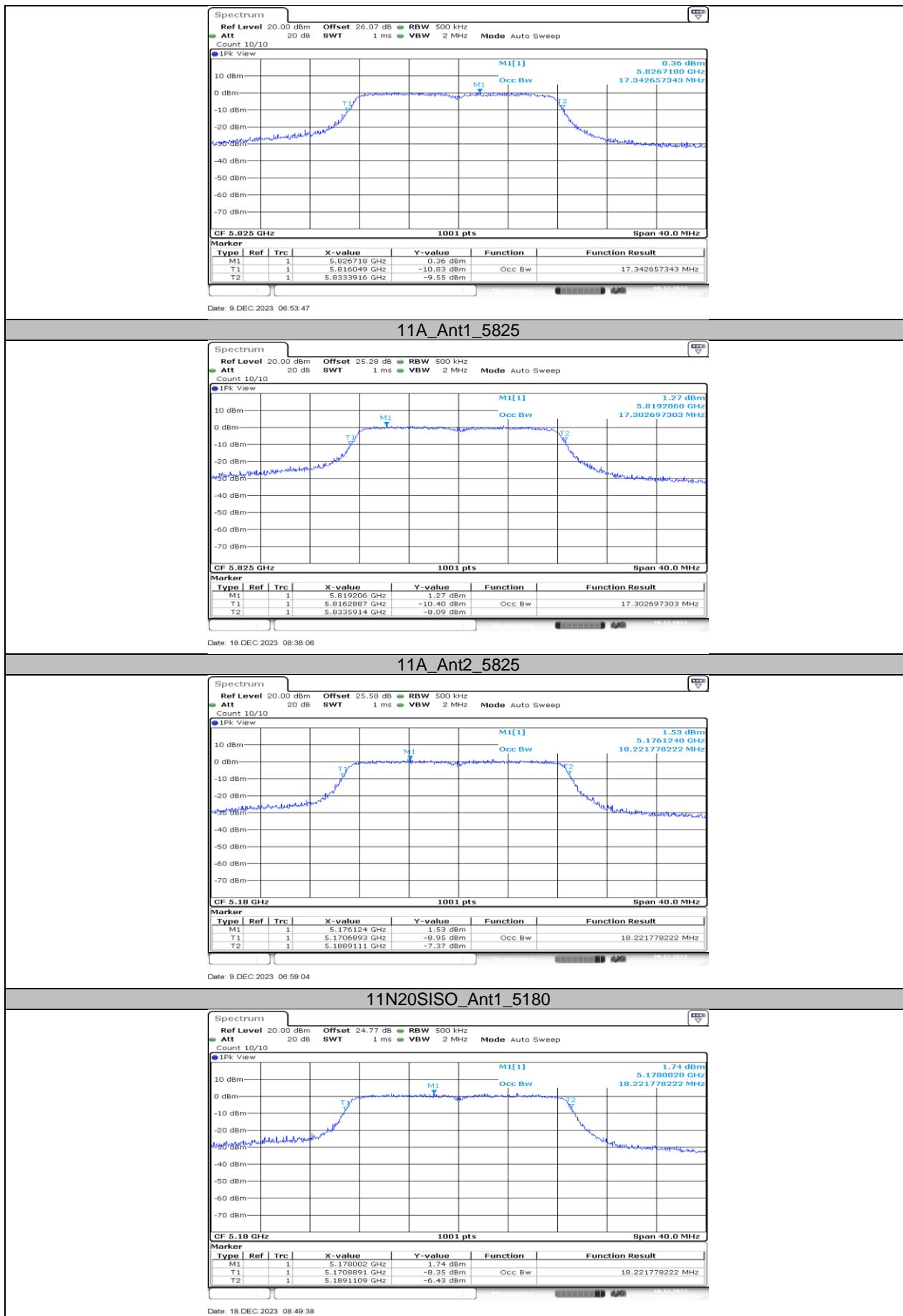


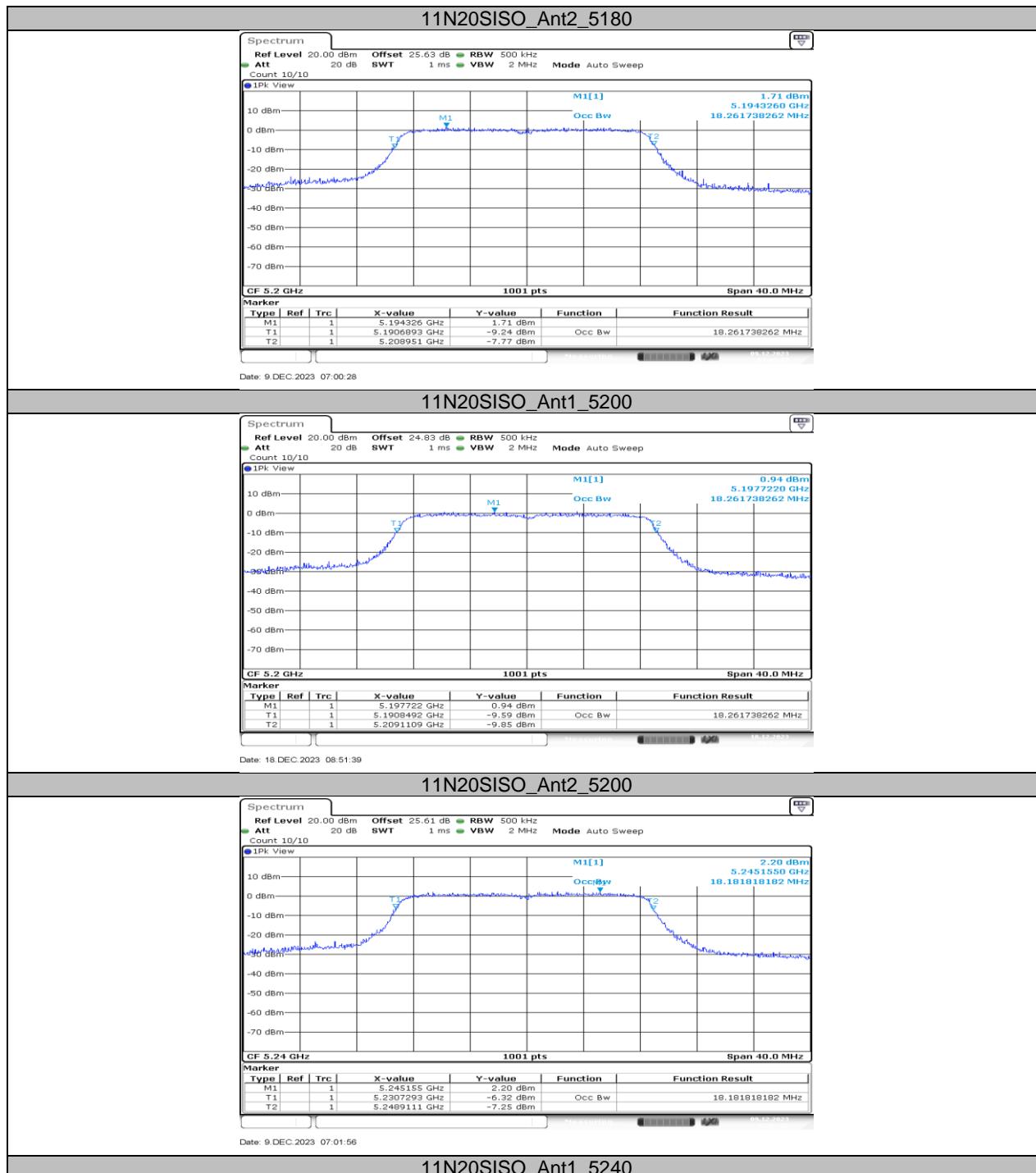


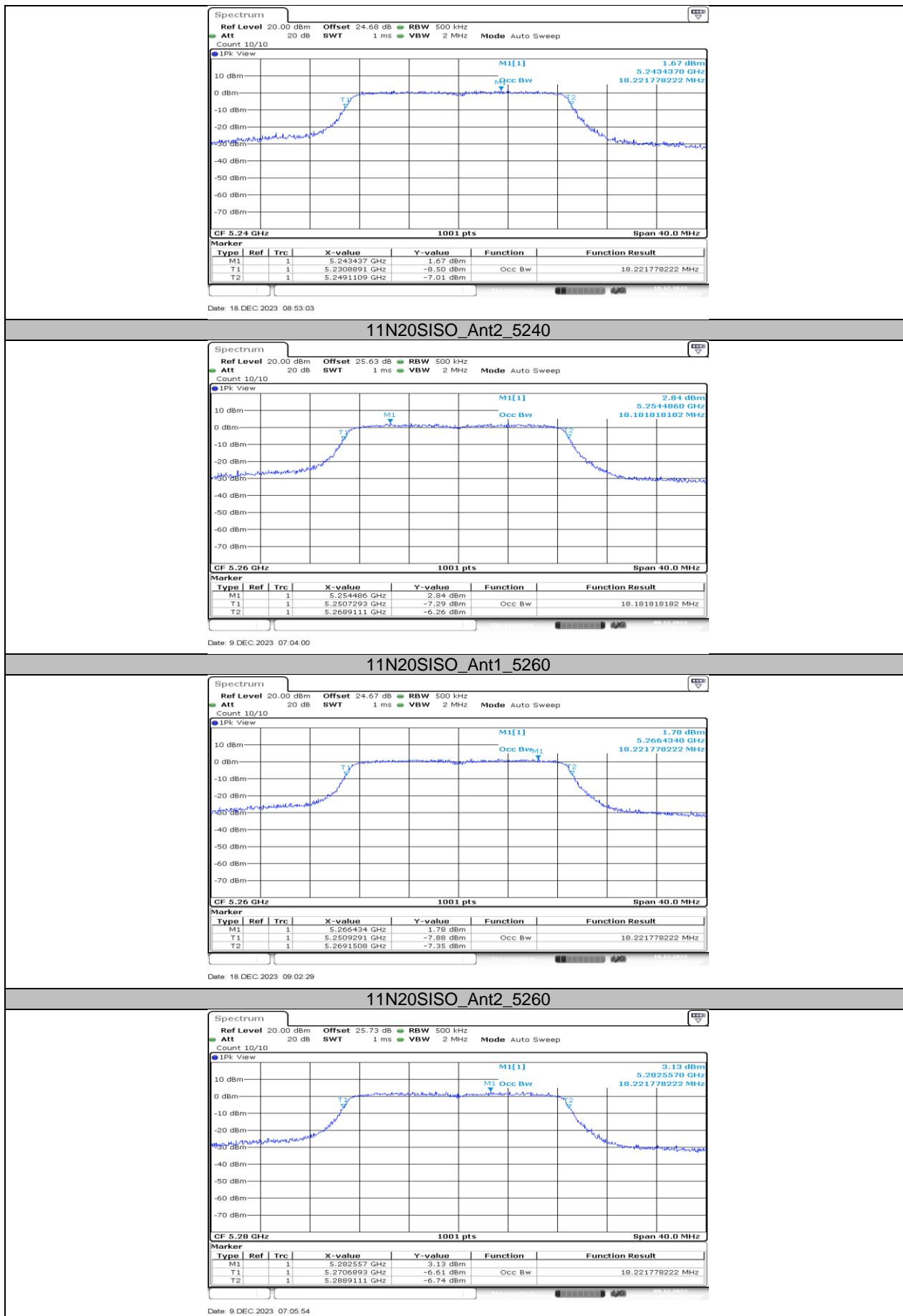


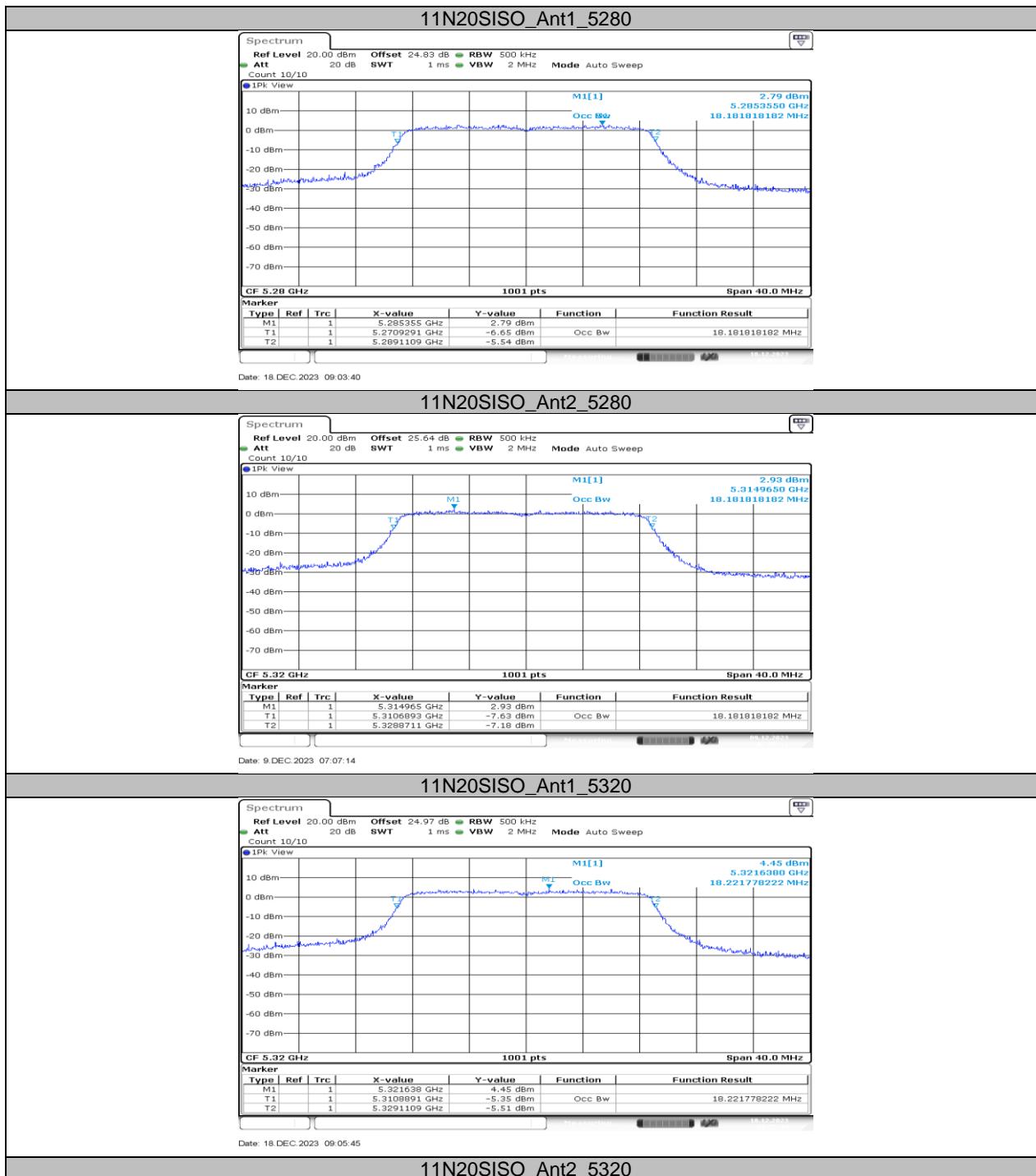


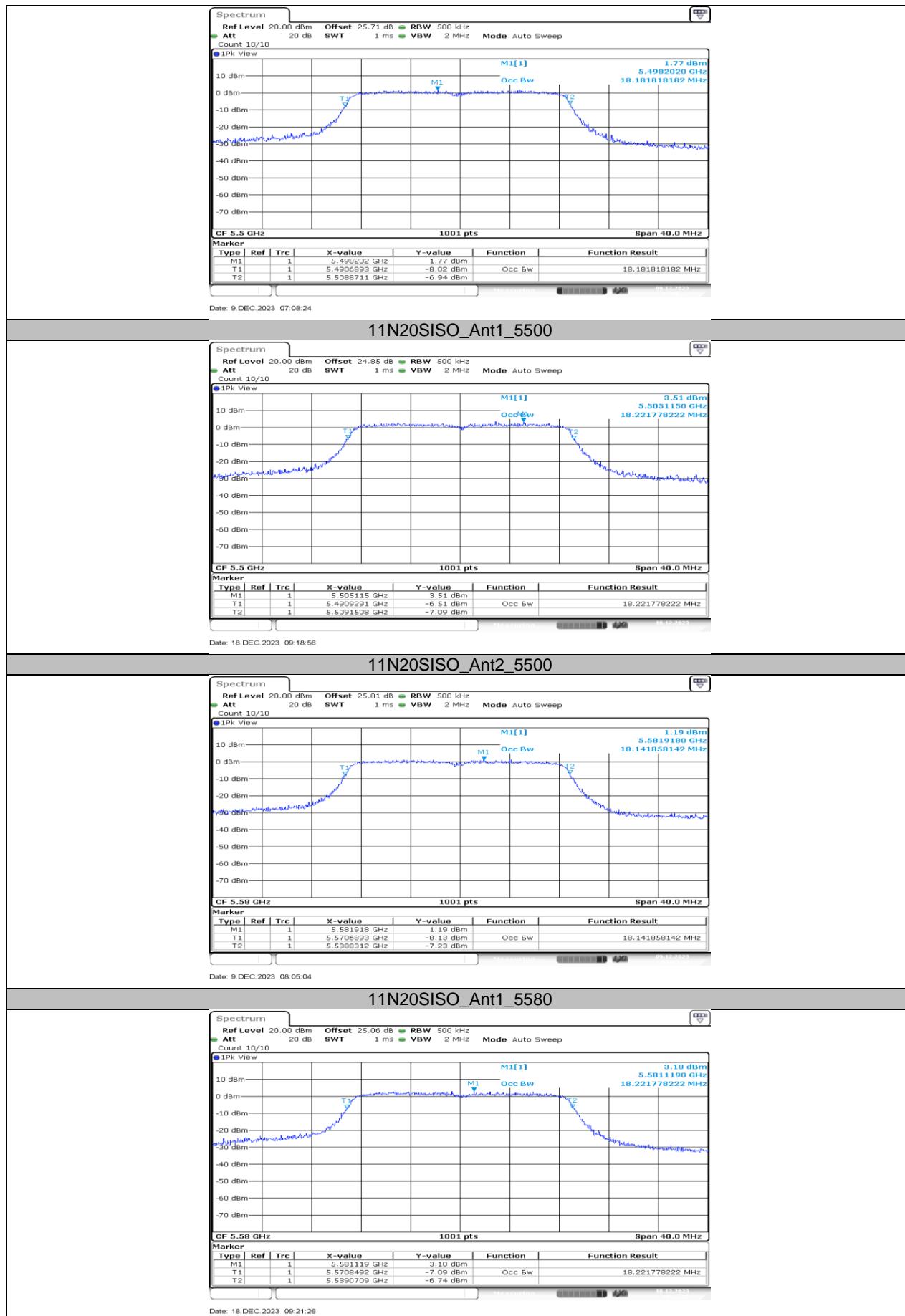


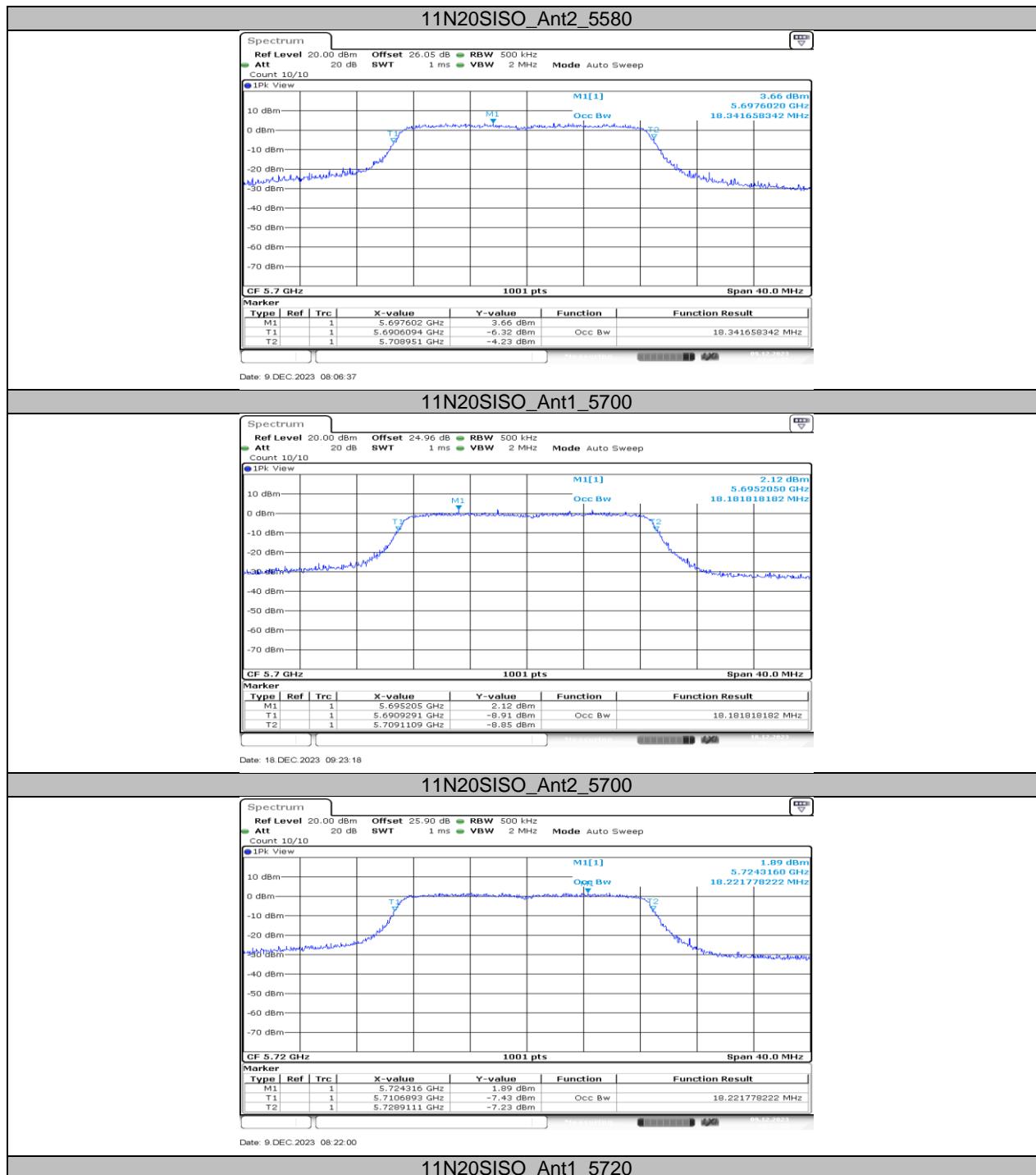


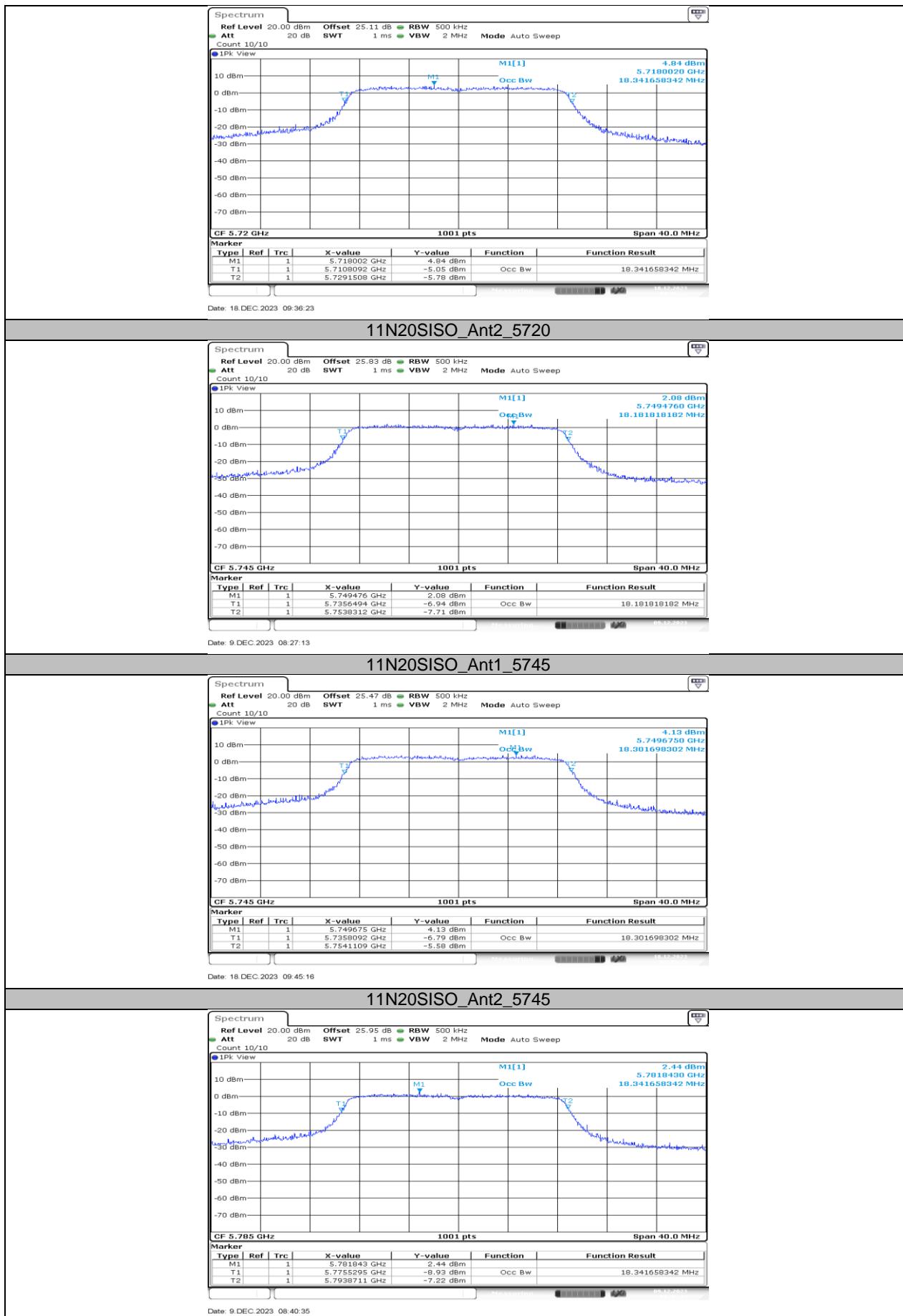


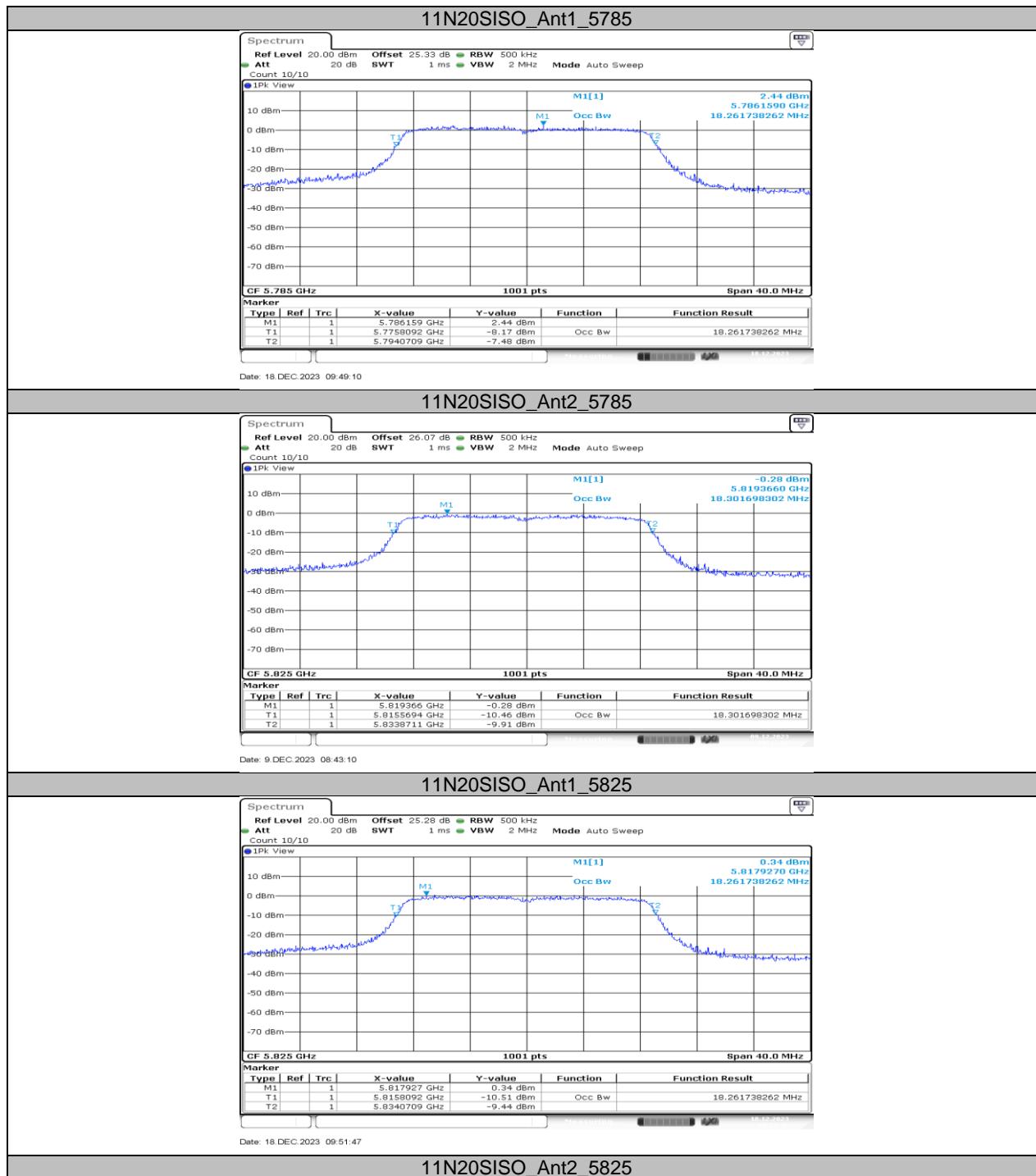










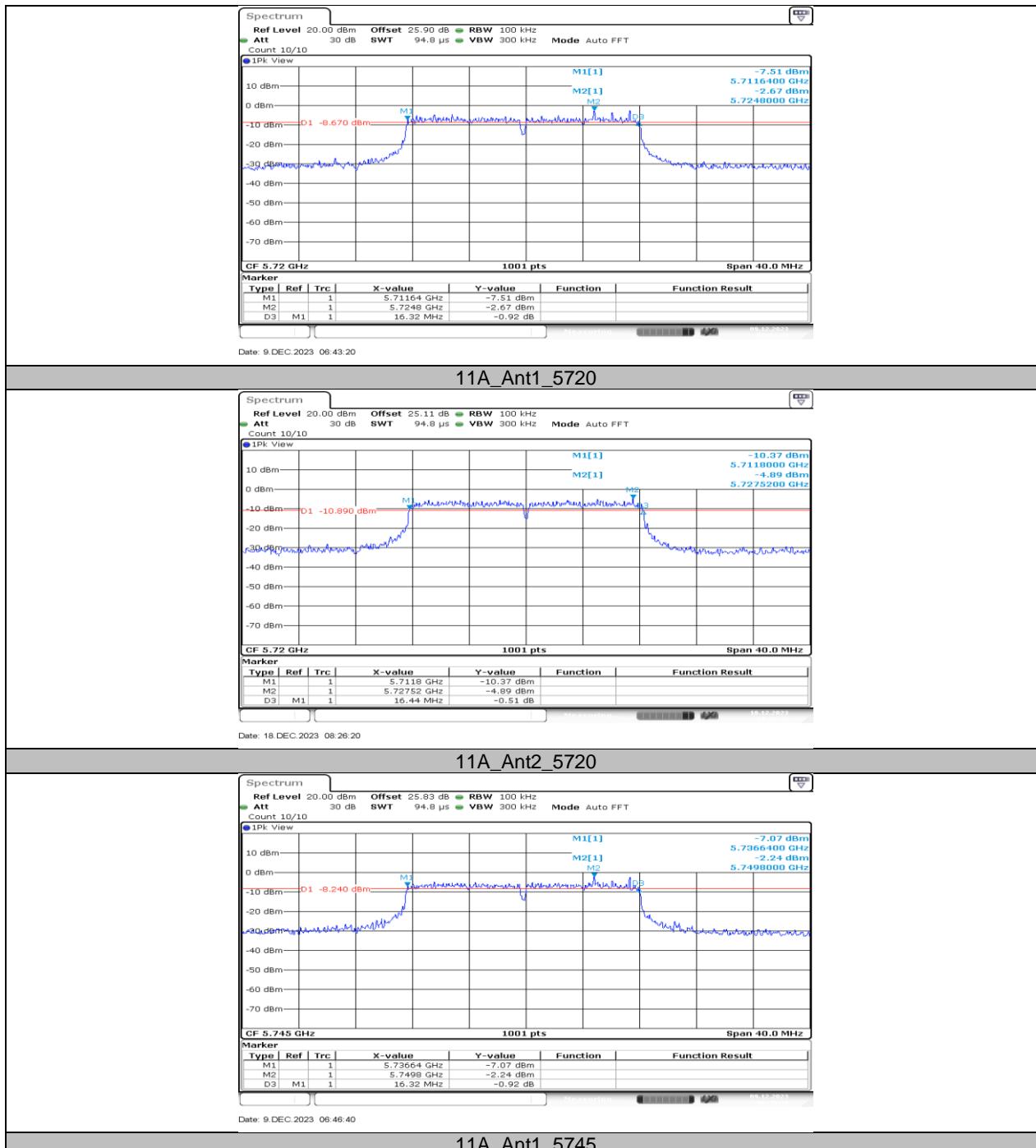


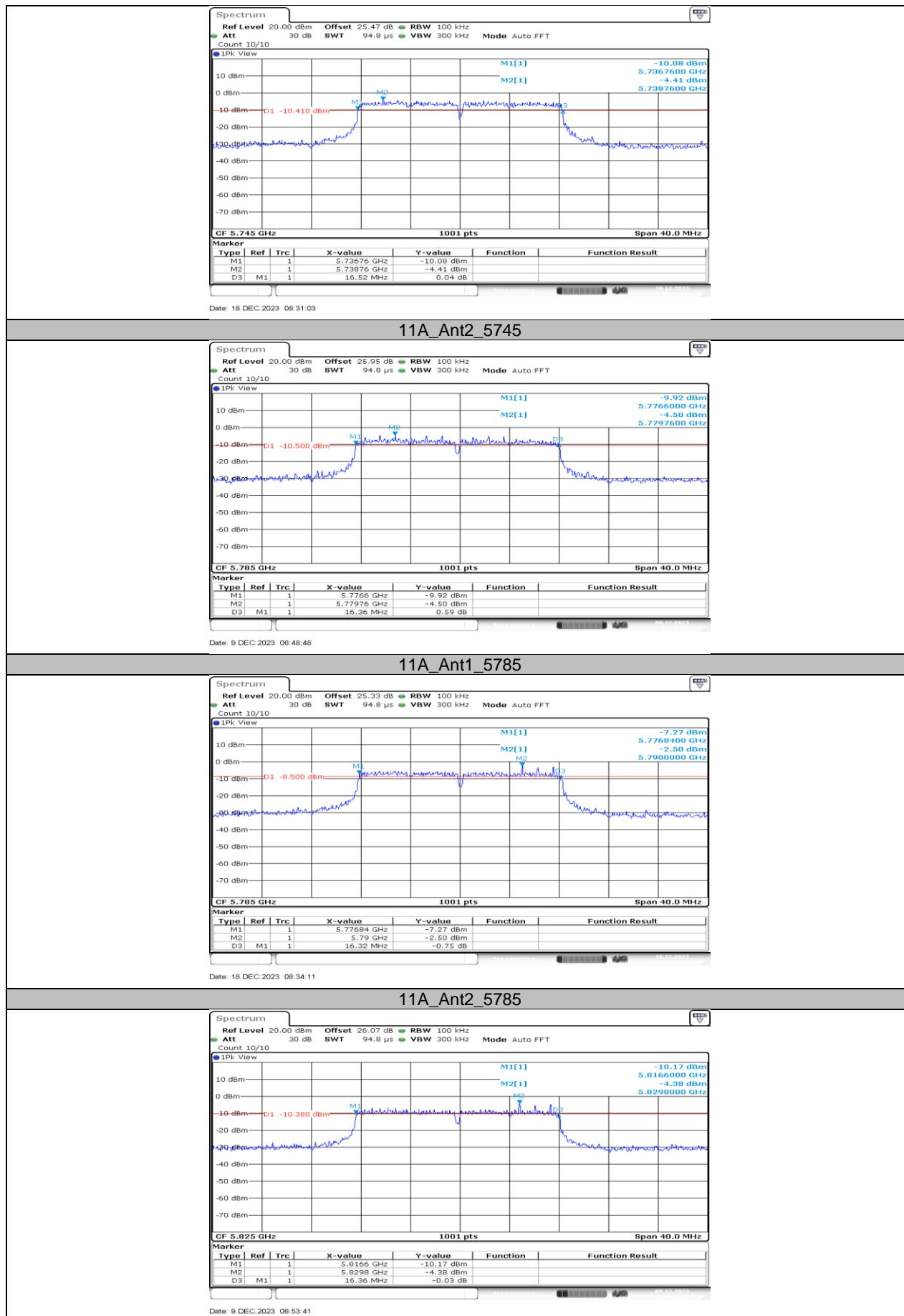
11.3. APPENDIX A3: MIN EMISSION BANDWIDTH

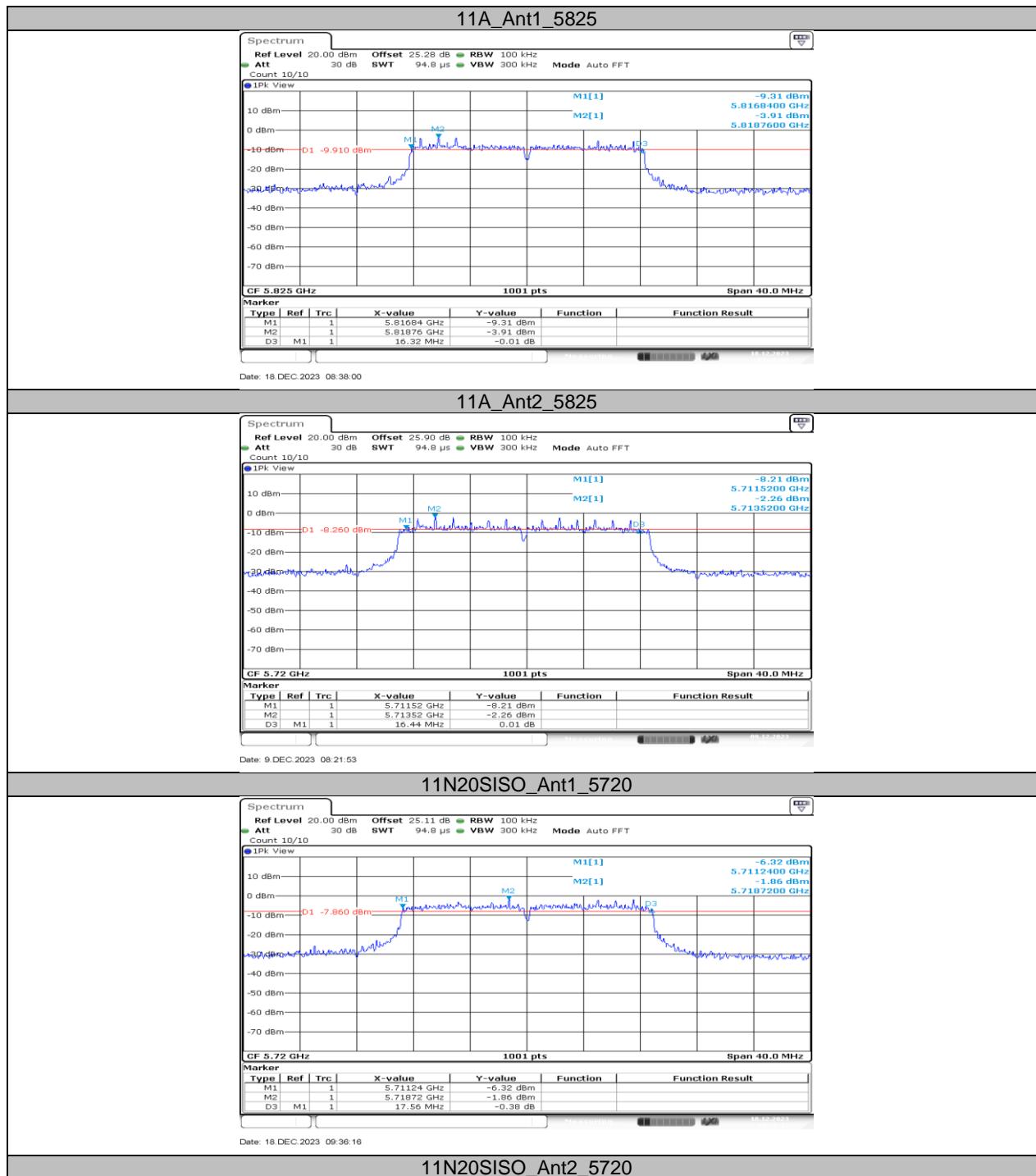
11.3.1. Test Result

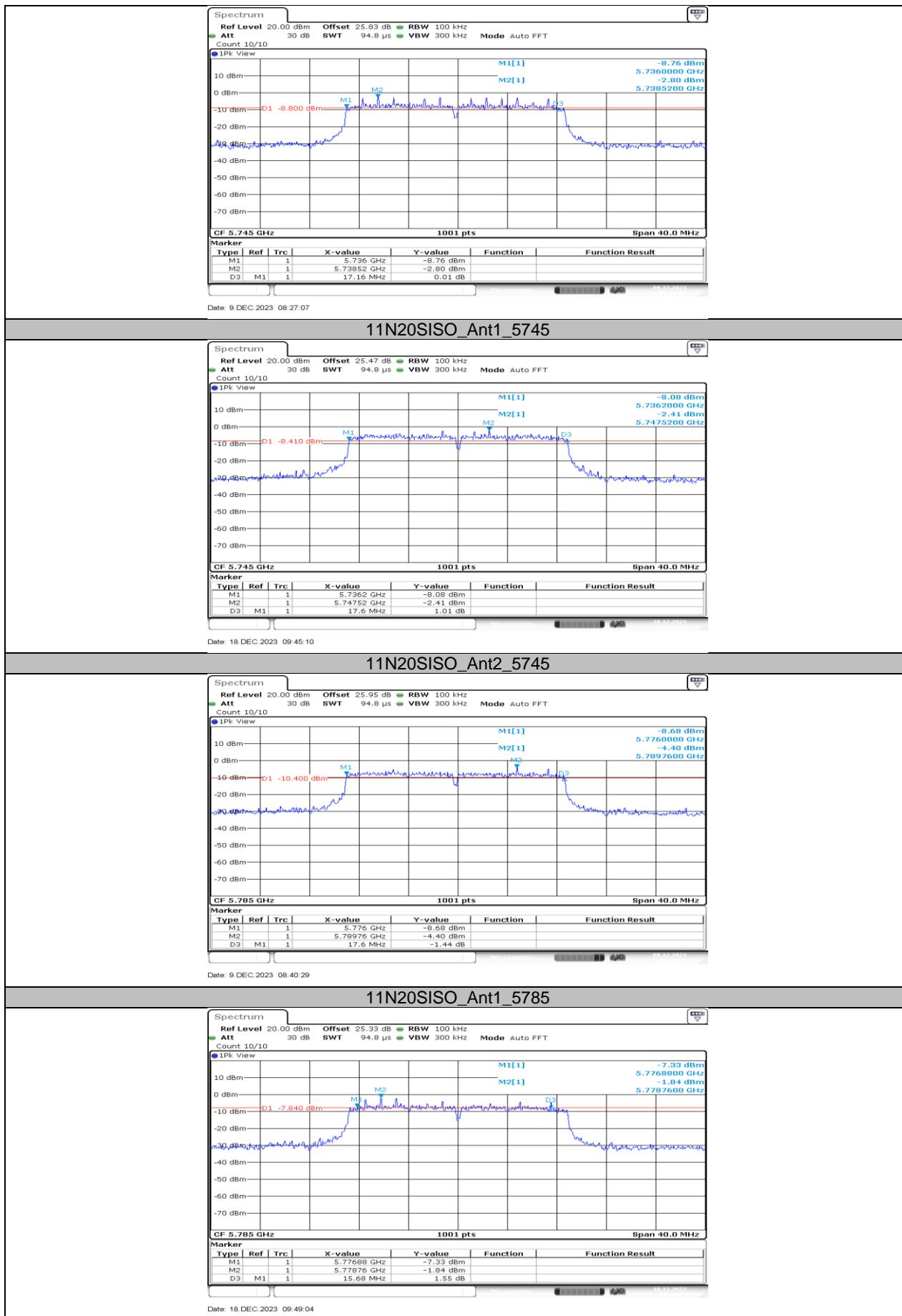
| Test Mode | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|---------------|---------|---------|------------|---------|
| 11A | Ant1 | 5720 | 16.32 | 5711.64 | 5727.96 | ≥ 0.5 | PASS |
| | Ant2 | 5720 | 16.44 | 5711.80 | 5728.24 | ≥ 0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 2.96 | 5725 | 5727.96 | ≥ 0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 3.24 | 5725 | 5728.24 | ≥ 0.5 | PASS |
| | Ant1 | 5745 | 16.32 | 5736.64 | 5752.96 | ≥ 0.5 | PASS |
| | Ant2 | 5745 | 16.52 | 5736.76 | 5753.28 | ≥ 0.5 | PASS |
| | Ant1 | 5785 | 16.36 | 5776.60 | 5792.96 | ≥ 0.5 | PASS |
| | Ant2 | 5785 | 16.32 | 5776.84 | 5793.16 | ≥ 0.5 | PASS |
| | Ant1 | 5825 | 16.36 | 5816.60 | 5832.96 | ≥ 0.5 | PASS |
| | Ant2 | 5825 | 16.32 | 5816.84 | 5833.16 | ≥ 0.5 | PASS |
| 11N20SISO | Ant1 | 5720 | 16.44 | 5711.52 | 5727.96 | ≥ 0.5 | PASS |
| | Ant2 | 5720 | 17.56 | 5711.24 | 5728.80 | ≥ 0.5 | PASS |
| | Ant1 | 5720_UNII-3 | 2.96 | 5725 | 5727.96 | ≥ 0.5 | PASS |
| | Ant2 | 5720_UNII-3 | 3.8 | 5725 | 5728.80 | ≥ 0.5 | PASS |
| | Ant1 | 5745 | 17.16 | 5736.00 | 5753.16 | ≥ 0.5 | PASS |
| | Ant2 | 5745 | 17.60 | 5736.20 | 5753.80 | ≥ 0.5 | PASS |
| | Ant1 | 5785 | 17.60 | 5776.00 | 5793.60 | ≥ 0.5 | PASS |
| | Ant2 | 5785 | 15.68 | 5776.88 | 5792.56 | ≥ 0.5 | PASS |
| | Ant1 | 5825 | 17.20 | 5816.00 | 5833.20 | ≥ 0.5 | PASS |
| | Ant2 | 5825 | 17.60 | 5816.20 | 5833.80 | ≥ 0.5 | PASS |

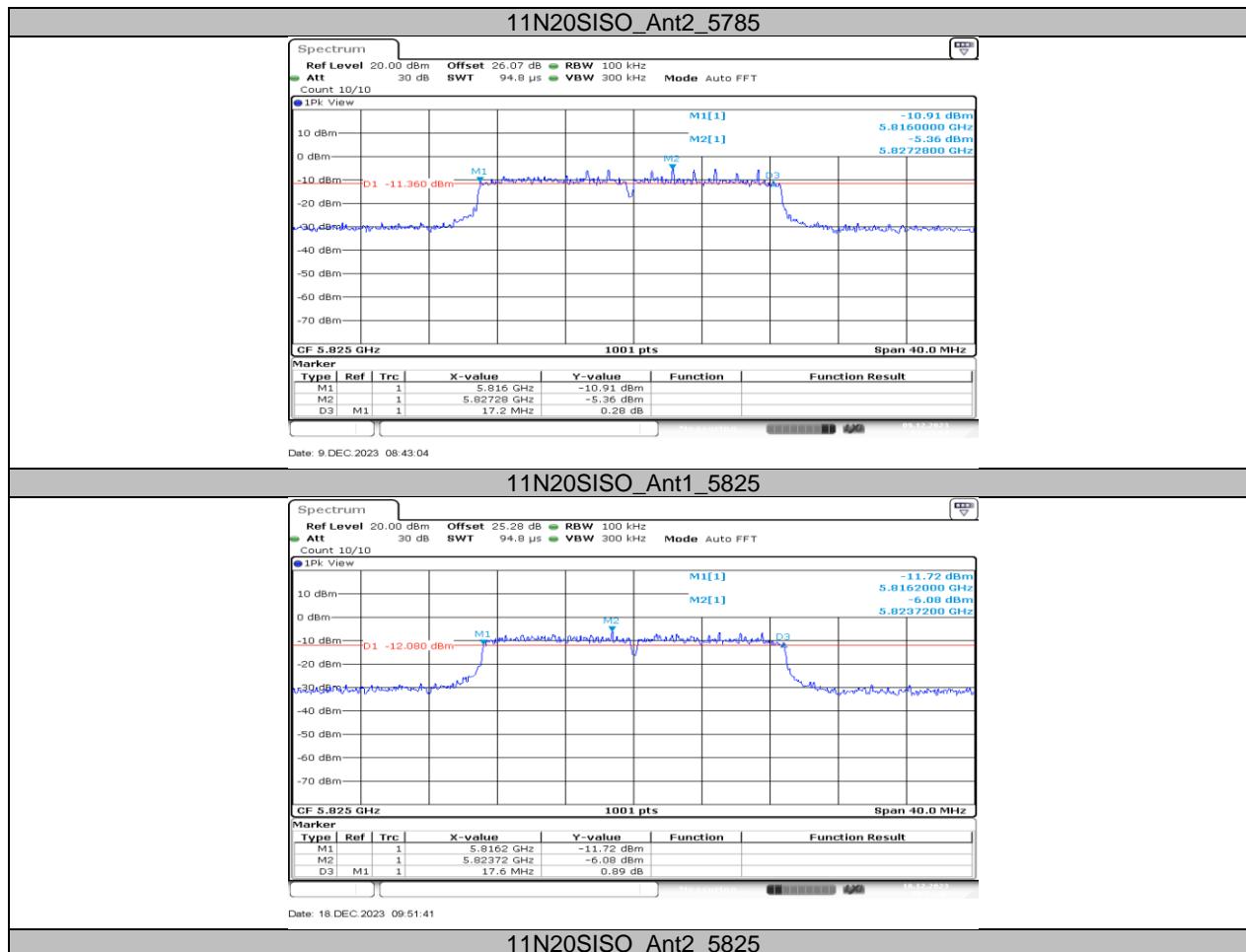
11.3.2. Test Graphs











11.4. APPENDIX B: MAXIMUM CONDUCTED OUTPUT POWER

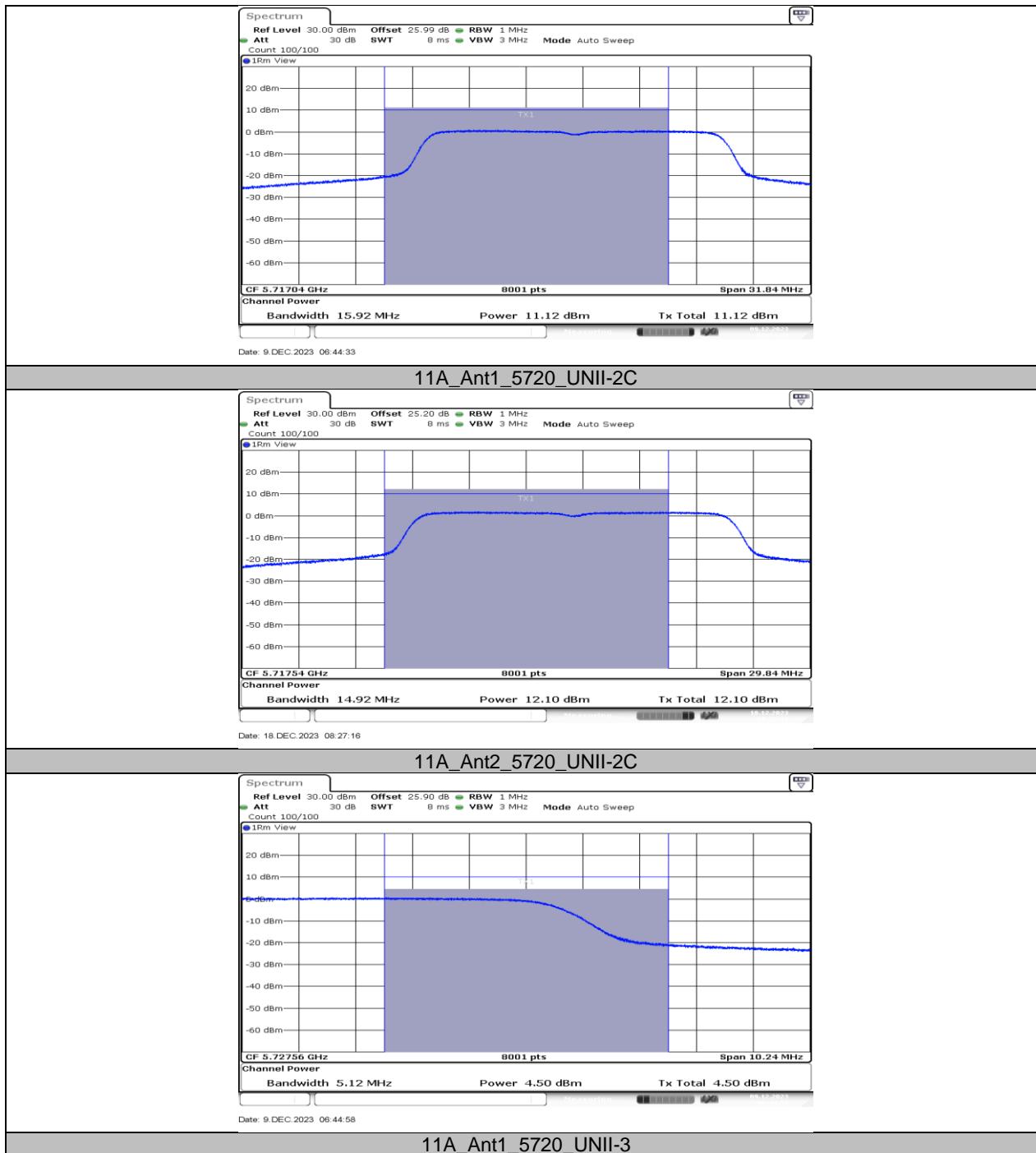
11.4.1. Test Result

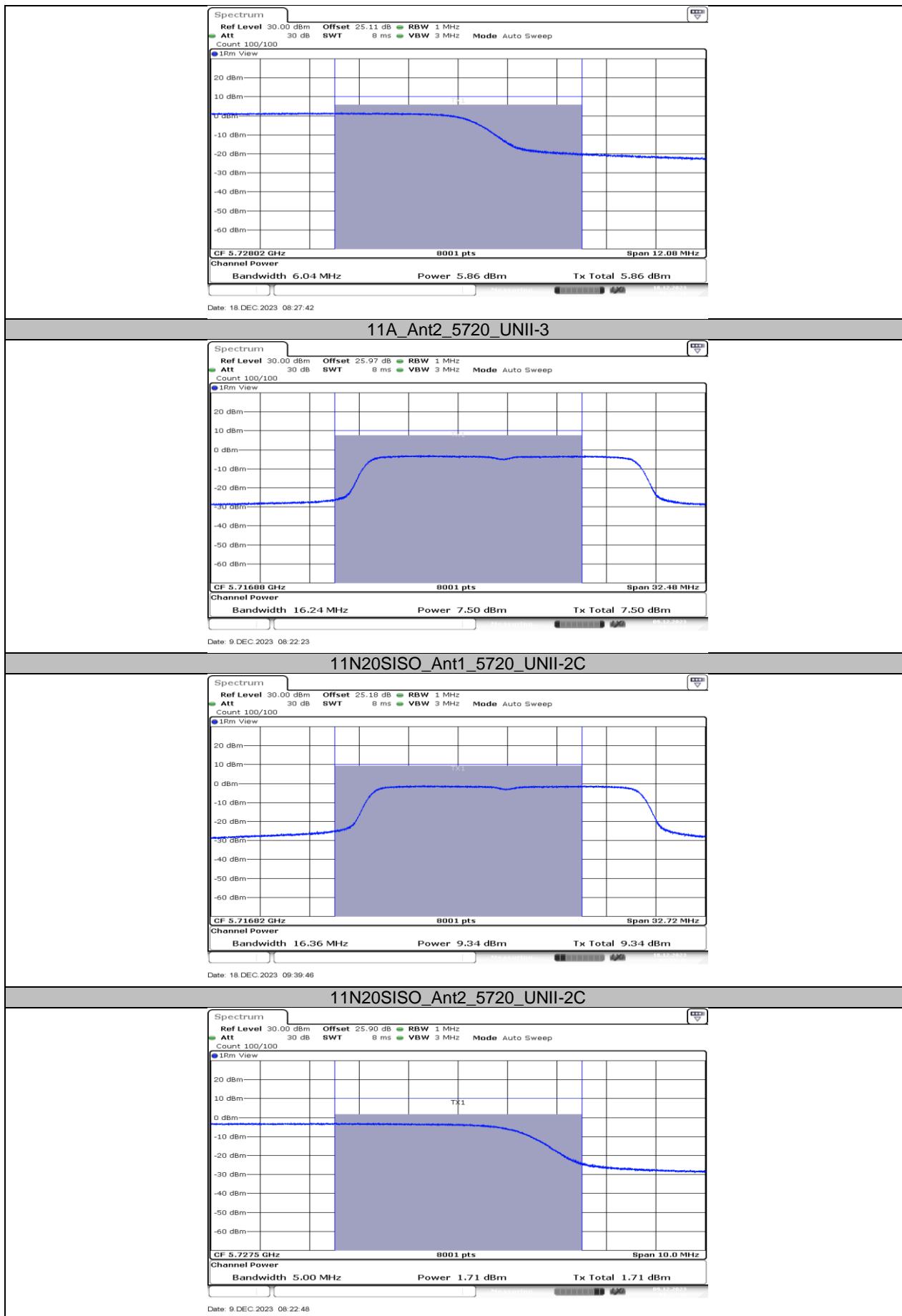
| Test Mode | Antenna | Frequency[MHz] | Power [dBm] | FCC Limit [dBm] | ISED Limit [dBm] | EIRP [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-------------|-----------------|------------------|------------|-------------|---------|
| 11A | Ant1 | 5180 | 12.29 | ≤23.98 | --- | 14.79 | ≤22.44 | PASS |
| | Ant2 | 5180 | 11.50 | ≤23.98 | --- | 13.60 | ≤22.50 | PASS |
| | Ant1 | 5200 | 12.01 | ≤23.98 | --- | 14.51 | ≤22.34 | PASS |
| | Ant2 | 5200 | 11.54 | ≤23.98 | --- | 13.64 | ≤22.37 | PASS |
| | Ant1 | 5240 | 12.78 | ≤23.98 | --- | 15.28 | ≤22.34 | PASS |
| | Ant2 | 5240 | 11.70 | ≤23.98 | --- | 13.80 | ≤22.35 | PASS |
| | Ant1 | 5260 | 13.06 | ≤23.98 | ≤23.33 | 15.56 | ≤29.33 | PASS |
| | Ant2 | 5260 | 12.30 | ≤23.98 | ≤23.36 | 14.40 | ≤29.36 | PASS |
| | Ant1 | 5280 | 13.38 | ≤23.98 | ≤23.34 | 15.88 | ≤29.34 | PASS |
| | Ant2 | 5280 | 12.80 | ≤23.98 | ≤23.35 | 14.90 | ≤29.35 | PASS |
| | Ant1 | 5320 | 12.44 | ≤23.98 | ≤23.35 | 14.94 | ≤29.35 | PASS |
| | Ant2 | 5320 | 13.20 | ≤23.98 | ≤23.37 | 15.30 | ≤29.37 | PASS |
| | Ant1 | 5500 | 12.65 | ≤23.98 | ≤23.36 | 15.15 | ≤29.36 | PASS |
| | Ant2 | 5500 | 14.35 | ≤23.98 | ≤23.36 | 16.45 | ≤29.36 | PASS |
| | Ant1 | 5580 | 12.75 | ≤23.98 | ≤23.35 | 15.25 | ≤29.35 | PASS |
| | Ant2 | 5580 | 14.76 | ≤23.98 | ≤23.37 | 16.86 | ≤29.37 | PASS |
| | Ant1 | 5700 | 13.38 | ≤23.98 | ≤23.34 | 15.88 | ≤29.34 | PASS |
| | Ant2 | 5700 | 13.64 | ≤23.98 | ≤23.34 | 15.74 | ≤29.34 | PASS |
| | Ant1 | 5720_UNII-2C | 11.12 | ≤23.02 | ≤22.41 | 13.62 | ≤28.41 | PASS |
| | Ant2 | 5720_UNII-2C | 12.10 | ≤22.74 | ≤22.33 | 14.20 | ≤28.33 | PASS |
| | Ant1 | 5720_UNII-3 | 4.50 | ≤30.00 | ≤30.00 | 7.00 | --- | PASS |
| | Ant2 | 5720_UNII-3 | 5.86 | ≤30.00 | ≤30.00 | 7.96 | --- | PASS |
| | Ant1 | 5745 | 13.05 | ≤30.00 | ≤30.00 | 15.55 | --- | PASS |
| | Ant2 | 5745 | 13.58 | ≤30.00 | ≤30.00 | 15.68 | --- | PASS |
| | Ant1 | 5785 | 12.92 | ≤30.00 | ≤30.00 | 15.42 | --- | PASS |
| | Ant2 | 5785 | 13.69 | ≤30.00 | ≤30.00 | 15.79 | --- | PASS |
| | Ant1 | 5825 | 12.55 | ≤30.00 | ≤30.00 | 15.05 | --- | PASS |
| | Ant2 | 5825 | 12.93 | ≤30.00 | ≤30.00 | 15.03 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 8.97 | ≤23.98 | --- | 11.47 | ≤22.61 | PASS |
| | Ant2 | 5180 | 9.06 | ≤23.98 | --- | 11.16 | ≤22.61 | PASS |
| | Ant1 | 5200 | 8.92 | ≤23.98 | --- | 11.42 | ≤22.62 | PASS |
| | Ant2 | 5200 | 8.94 | ≤23.98 | --- | 11.04 | ≤22.62 | PASS |
| | Ant1 | 5240 | 9.67 | ≤23.98 | --- | 12.17 | ≤22.60 | PASS |
| | Ant2 | 5240 | 9.17 | ≤23.98 | --- | 11.27 | ≤22.61 | PASS |
| | Ant1 | 5260 | 10.05 | ≤23.98 | ≤23.60 | 12.55 | ≤29.60 | PASS |
| | Ant2 | 5260 | 9.48 | ≤23.98 | ≤23.61 | 11.58 | ≤29.61 | PASS |
| | Ant1 | 5280 | 10.08 | ≤23.98 | ≤23.61 | 12.58 | ≤29.61 | PASS |
| | Ant2 | 5280 | 10.29 | ≤23.98 | ≤23.60 | 12.39 | ≤29.60 | PASS |
| | Ant1 | 5320 | 9.41 | ≤23.98 | ≤23.60 | 11.91 | ≤29.60 | PASS |
| | Ant2 | 5320 | 10.35 | ≤23.98 | ≤23.61 | 12.45 | ≤29.61 | PASS |
| | Ant1 | 5500 | 9.46 | ≤23.98 | ≤23.60 | 11.96 | ≤29.60 | PASS |
| | Ant2 | 5500 | 11.33 | ≤23.98 | ≤23.61 | 13.43 | ≤29.61 | PASS |
| | Ant1 | 5580 | 8.87 | ≤23.98 | ≤23.59 | 11.37 | ≤29.59 | PASS |
| | Ant2 | 5580 | 11.33 | ≤23.98 | ≤23.61 | 13.43 | ≤29.61 | PASS |
| | Ant1 | 5700 | 9.21 | ≤23.98 | ≤23.63 | 11.71 | ≤29.63 | PASS |
| | Ant2 | 5700 | 10.62 | ≤23.98 | ≤23.60 | 12.72 | ≤29.60 | PASS |
| | Ant1 | 5720_UNII-2C | 7.50 | ≤23.11 | ≤22.56 | 10.00 | ≤28.56 | PASS |
| | Ant2 | 5720_UNII-2C | 9.34 | ≤23.14 | ≤22.52 | 11.44 | ≤28.52 | PASS |
| | Ant1 | 5720_UNII-3 | 1.71 | ≤30.00 | ≤30.00 | 4.21 | --- | PASS |
| | Ant2 | 5720_UNII-3 | 3.68 | ≤30.00 | ≤30.00 | 5.78 | --- | PASS |
| | Ant1 | 5745 | 10.66 | ≤30.00 | ≤30.00 | 13.16 | --- | PASS |
| | Ant2 | 5745 | 12.21 | ≤30.00 | ≤30.00 | 14.31 | --- | PASS |
| | Ant1 | 5785 | 10.70 | ≤30.00 | ≤30.00 | 13.20 | --- | PASS |
| | Ant2 | 5785 | 11.65 | ≤30.00 | ≤30.00 | 13.75 | --- | PASS |
| | Ant1 | 5825 | 10.23 | ≤30.00 | ≤30.00 | 12.73 | --- | PASS |
| | Ant2 | 5825 | 11.61 | ≤30.00 | ≤30.00 | 13.71 | --- | PASS |

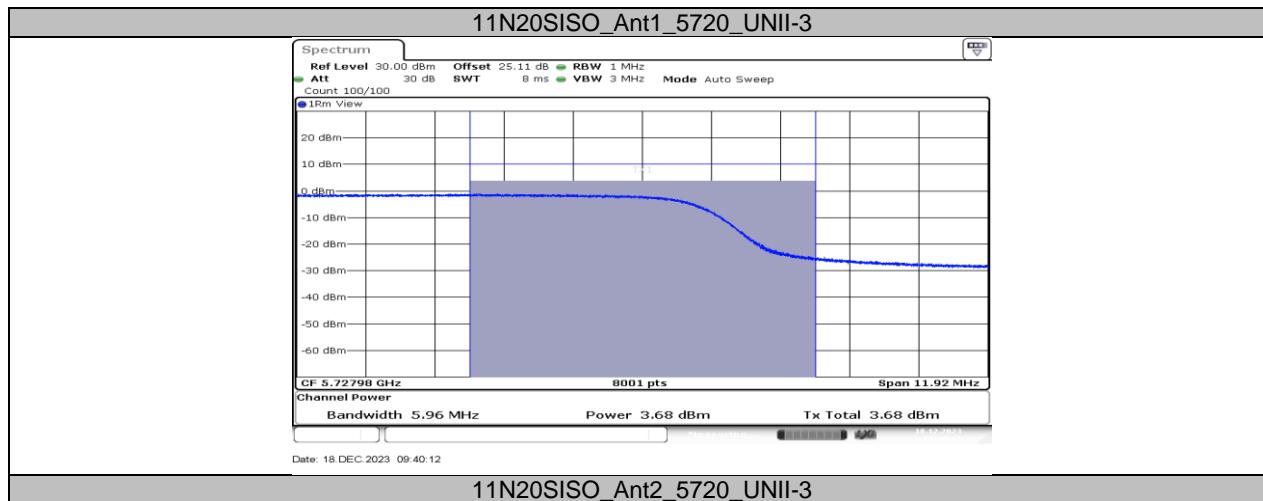
Note: 1. Conducted Power=Meas. Level+ Correction Factor

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 C: 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 | -0.41 | ≤11.00 | 2.09 | ≤10.00 | PASS |
| | Ant2 | 5180 | -0.56 | ≤11.00 | 1.54 | ≤10.00 | PASS |
| | Ant1 | 5200 | -0.07 | ≤11.00 | 2.43 | ≤10.00 | PASS |
| | Ant2 | 5200 | -0.70 | ≤11.00 | 1.40 | ≤10.00 | PASS |
| | Ant1 | 5240 | 0.41 | ≤11.00 | 2.91 | ≤10.00 | PASS |
| | Ant2 | 5240 | -0.78 | ≤11.00 | 1.32 | ≤10.00 | PASS |
| | Ant1 | 5260 | 0.41 | ≤11.00 | 2.91 | --- | PASS |
| | Ant2 | 5260 | -0.04 | ≤11.00 | 2.06 | --- | PASS |
| | Ant1 | 5280 | 0.79 | ≤11.00 | 3.29 | --- | PASS |
| | Ant2 | 5280 | 0.43 | ≤11.00 | 2.53 | --- | PASS |
| | Ant1 | 5320 | -0.08 | ≤11.00 | 2.42 | --- | PASS |
| | Ant2 | 5320 | 0.68 | ≤11.00 | 2.78 | --- | PASS |
| | Ant1 | 5500 | -0.04 | ≤11.00 | 2.46 | --- | PASS |
| | Ant2 | 5500 | 1.80 | ≤11.00 | 3.90 | --- | PASS |
| | Ant1 | 5580 | 0.05 | ≤11.00 | 2.55 | --- | PASS |
| | Ant2 | 5580 | 2.52 | ≤11.00 | 4.62 | --- | PASS |
| | Ant1 | 5700 | 0.80 | ≤11.00 | 3.30 | --- | PASS |
| | Ant2 | 5700 | 1.03 | ≤11.00 | 3.13 | --- | PASS |
| | Ant1 | 5720_UNII-2C | 1.15 | ≤11.00 | 3.65 | --- | PASS |
| | Ant2 | 5720_UNII-2C | 1.55 | ≤11.00 | 3.65 | --- | PASS |
| | Ant1 | 5720_UNII-3 | -2.05 | ≤30.00 | 0.45 | --- | PASS |
| | Ant2 | 5720_UNII-3 | -1.69 | ≤30.00 | 0.41 | --- | PASS |
| | Ant1 | 5745 | -2.55 | ≤30.00 | -0.05 | --- | PASS |
| | Ant2 | 5745 | -1.38 | ≤30.00 | 0.72 | --- | PASS |
| | Ant1 | 5785 | -2.38 | ≤30.00 | 0.12 | --- | PASS |
| | Ant2 | 5785 | -1.73 | ≤30.00 | 0.37 | --- | PASS |
| | Ant1 | 5825 | -2.78 | ≤30.00 | -0.28 | --- | PASS |
| | Ant2 | 5825 | -2.55 | ≤30.00 | -0.45 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | -3.48 | ≤11.00 | -0.98 | ≤10.00 | PASS |
| | Ant2 | 5180 | -3.15 | ≤11.00 | -1.05 | ≤10.00 | PASS |
| | Ant1 | 5200 | -3.62 | ≤11.00 | -1.12 | ≤10.00 | PASS |
| | Ant2 | 5200 | -3.48 | ≤11.00 | -1.38 | ≤10.00 | PASS |
| | Ant1 | 5240 | -3.11 | ≤11.00 | -0.61 | ≤10.00 | PASS |
| | Ant2 | 5240 | -3.72 | ≤11.00 | -1.62 | ≤10.00 | PASS |
| | Ant1 | 5260 | -2.73 | ≤11.00 | -0.23 | --- | PASS |
| | Ant2 | 5260 | -3.35 | ≤11.00 | -1.25 | --- | PASS |
| | Ant1 | 5280 | -2.45 | ≤11.00 | 0.05 | --- | PASS |
| | Ant2 | 5280 | -2.45 | ≤11.00 | -0.35 | --- | PASS |
| | Ant1 | 5320 | -2.84 | ≤11.00 | -0.34 | --- | PASS |
| | Ant2 | 5320 | -2.25 | ≤11.00 | -0.15 | --- | PASS |
| | Ant1 | 5500 | -3.48 | ≤11.00 | -0.98 | --- | PASS |
| | Ant2 | 5500 | -1.30 | ≤11.00 | 0.80 | --- | PASS |
| | Ant1 | 5580 | -3.68 | ≤11.00 | -1.18 | --- | PASS |
| | Ant2 | 5580 | -0.88 | ≤11.00 | 1.22 | --- | PASS |
| | Ant1 | 5700 | -3.32 | ≤11.00 | -0.82 | --- | PASS |
| | Ant2 | 5700 | -2.15 | ≤11.00 | -0.05 | --- | PASS |
| | Ant1 | 5720_UNII-2C | -2.91 | ≤11.00 | -0.41 | --- | PASS |
| | Ant2 | 5720_UNII-2C | -1.15 | ≤11.00 | 0.95 | --- | PASS |
| | Ant1 | 5720_UNII-3 | -5.87 | ≤30.00 | -3.37 | --- | PASS |
| | Ant2 | 5720_UNII-3 | -4.24 | ≤30.00 | -2.14 | --- | PASS |
| | Ant1 | 5745 | -5.13 | ≤30.00 | -2.63 | --- | PASS |
| | Ant2 | 5745 | -3.13 | ≤30.00 | -1.03 | --- | PASS |
| | Ant1 | 5785 | -5.09 | ≤30.00 | -2.59 | --- | PASS |
| | Ant2 | 5785 | -3.78 | ≤30.00 | -1.68 | --- | PASS |
| | Ant1 | 5825 | -5.78 | ≤30.00 | -3.28 | --- | PASS |
| | Ant2 | 5825 | -4.07 | ≤30.00 | -1.97 | --- | 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

