

# Appendix

## of

# 201019016SZN-004

## Appendix A1: Emission Bandwidth

### Test Result

| Test Mode | Antenna | Channel | 26db EBW<br>[MHz] | FL<br>[MHz] | FH<br>[MHz] | Limit<br>[MHz] | Verdict |
|-----------|---------|---------|-------------------|-------------|-------------|----------------|---------|
| 11A       | Ant1    | 5180    | 18.680            | 5170.520    | 5189.200    | ---            | PASS    |
|           | Ant2    | 5180    | 18.680            | 5170.560    | 5189.240    | ---            | PASS    |
|           | Ant1    | 5200    | 18.520            | 5190.640    | 5209.160    | ---            | PASS    |
|           | Ant2    | 5200    | 18.520            | 5190.680    | 5209.200    | ---            | PASS    |
|           | Ant1    | 5240    | 18.600            | 5230.600    | 5249.200    | ---            | PASS    |
|           | Ant2    | 5240    | 18.640            | 5230.600    | 5249.240    | ---            | PASS    |
|           | Ant1    | 5260    | 18.560            | 5250.640    | 5269.200    | ---            | PASS    |
|           | Ant2    | 5260    | 18.600            | 5250.640    | 5269.240    | ---            | PASS    |
|           | Ant1    | 5280    | 18.640            | 5270.600    | 5289.240    | ---            | PASS    |
|           | Ant2    | 5280    | 18.560            | 5270.600    | 5289.160    | ---            | PASS    |
|           | Ant1    | 5320    | 24.240            | 5307.200    | 5331.440    | ---            | PASS    |
|           | Ant2    | 5320    | 18.640            | 5310.600    | 5329.240    | ---            | PASS    |
|           | Ant1    | 5500    | 34.600            | 5483.360    | 5517.960    | ---            | PASS    |
|           | Ant2    | 5500    | 18.600            | 5490.600    | 5509.200    | ---            | PASS    |
|           | Ant1    | 5580    | 24.680            | 5569.160    | 5593.840    | ---            | PASS    |
|           | Ant2    | 5580    | 18.600            | 5570.640    | 5589.240    | ---            | PASS    |
|           | Ant1    | 5700    | 18.600            | 5690.640    | 5709.240    | ---            | PASS    |
|           | Ant2    | 5700    | 19.560            | 5689.680    | 5709.240    | ---            | PASS    |
|           | Ant1    | 5745    | 18.560            | 5735.640    | 5754.200    | ---            | PASS    |
|           | Ant2    | 5745    | 18.520            | 5735.680    | 5754.200    | ---            | PASS    |
|           | Ant1    | 5785    | 18.680            | 5775.520    | 5794.200    | ---            | PASS    |
|           | Ant2    | 5785    | 18.480            | 5775.720    | 5794.200    | ---            | PASS    |
|           | Ant1    | 5825    | 18.560            | 5815.600    | 5834.160    | ---            | PASS    |
|           | Ant2    | 5825    | 18.560            | 5815.640    | 5834.200    | ---            | PASS    |
| 11N20SISO | Ant1    | 5180    | 19.480            | 5170.280    | 5189.760    | ---            | PASS    |
|           | Ant2    | 5180    | 19.520            | 5170.240    | 5189.760    | ---            | PASS    |
|           | Ant1    | 5200    | 19.560            | 5190.240    | 5209.800    | ---            | PASS    |
|           | Ant2    | 5200    | 19.480            | 5190.240    | 5209.720    | ---            | PASS    |
|           | Ant1    | 5240    | 19.560            | 5230.200    | 5249.760    | ---            | PASS    |
|           | Ant2    | 5240    | 19.520            | 5230.240    | 5249.760    | ---            | PASS    |
|           | Ant1    | 5260    | 19.480            | 5250.240    | 5269.720    | ---            | PASS    |
|           | Ant2    | 5260    | 19.440            | 5250.280    | 5269.720    | ---            | PASS    |
|           | Ant1    | 5280    | 19.520            | 5270.200    | 5289.720    | ---            | PASS    |
|           | Ant2    | 5280    | 19.520            | 5270.240    | 5289.760    | ---            | PASS    |
|           | Ant1    | 5320    | 19.720            | 5310.120    | 5329.840    | ---            | PASS    |
|           | Ant2    | 5320    | 19.520            | 5310.240    | 5329.760    | ---            | PASS    |
|           | Ant1    | 5500    | 27.560            | 5487.440    | 5515.000    | ---            | PASS    |

| Test Mode  | Antenna | Channel | 26db EBW<br>[MHz] | FL<br>[MHz] | FH<br>[MHz] | Limit<br>[MHz] | Verdict |
|------------|---------|---------|-------------------|-------------|-------------|----------------|---------|
|            | Ant2    | 5500    | 19.520            | 5490.280    | 5509.800    | ---            | PASS    |
|            | Ant1    | 5580    | 25.760            | 5568.640    | 5594.400    | ---            | PASS    |
|            | Ant2    | 5580    | 19.520            | 5570.280    | 5589.800    | ---            | PASS    |
|            | Ant1    | 5700    | 19.560            | 5690.240    | 5709.800    | ---            | PASS    |
|            | Ant2    | 5700    | 19.520            | 5690.280    | 5709.800    | ---            | PASS    |
|            | Ant1    | 5745    | 19.520            | 5735.200    | 5754.720    | ---            | PASS    |
|            | Ant2    | 5745    | 19.480            | 5735.240    | 5754.720    | ---            | PASS    |
|            | Ant1    | 5785    | 19.640            | 5775.200    | 5794.840    | ---            | PASS    |
|            | Ant2    | 5785    | 19.640            | 5775.240    | 5794.880    | ---            | PASS    |
|            | Ant1    | 5825    | 19.480            | 5815.240    | 5834.720    | ---            | PASS    |
|            | Ant2    | 5825    | 19.520            | 5815.200    | 5834.720    | ---            | PASS    |
| 11N40SISO  | Ant1    | 5190    | 41.920            | 5169.200    | 5211.120    | ---            | PASS    |
|            | Ant2    | 5190    | 41.840            | 5169.200    | 5211.040    | ---            | PASS    |
|            | Ant1    | 5230    | 42.000            | 5209.200    | 5251.200    | ---            | PASS    |
|            | Ant2    | 5230    | 42.080            | 5209.120    | 5251.200    | ---            | PASS    |
|            | Ant1    | 5270    | 42.160            | 5249.120    | 5291.280    | ---            | PASS    |
|            | Ant2    | 5270    | 42.000            | 5249.200    | 5291.200    | ---            | PASS    |
|            | Ant1    | 5310    | 42.240            | 5289.200    | 5331.440    | ---            | PASS    |
|            | Ant2    | 5310    | 42.000            | 5289.040    | 5331.040    | ---            | PASS    |
|            | Ant1    | 5510    | 69.760            | 5476.560    | 5546.320    | ---            | PASS    |
|            | Ant2    | 5510    | 42.480            | 5488.960    | 5531.440    | ---            | PASS    |
|            | Ant1    | 5550    | 63.840            | 5516.640    | 5580.480    | ---            | PASS    |
|            | Ant2    | 5550    | 41.920            | 5529.200    | 5571.120    | ---            | PASS    |
|            | Ant1    | 5670    | 42.240            | 5648.880    | 5691.120    | ---            | PASS    |
|            | Ant2    | 5670    | 42.000            | 5649.200    | 5691.200    | ---            | PASS    |
|            | Ant1    | 5755    | 42.240            | 5734.120    | 5776.360    | ---            | PASS    |
|            | Ant2    | 5755    | 42.080            | 5734.120    | 5776.200    | ---            | PASS    |
|            | Ant1    | 5795    | 42.240            | 5773.960    | 5816.200    | ---            | PASS    |
|            | Ant2    | 5795    | 42.000            | 5774.120    | 5816.120    | ---            | PASS    |
| 11AC20SISO | Ant1    | 5180    | 19.560            | 5170.160    | 5189.720    | ---            | PASS    |
|            | Ant2    | 5180    | 19.560            | 5170.200    | 5189.760    | ---            | PASS    |
|            | Ant1    | 5200    | 19.520            | 5190.240    | 5209.760    | ---            | PASS    |
|            | Ant2    | 5200    | 19.560            | 5190.240    | 5209.800    | ---            | PASS    |
|            | Ant1    | 5240    | 19.560            | 5230.240    | 5249.800    | ---            | PASS    |
|            | Ant2    | 5240    | 19.560            | 5230.200    | 5249.760    | ---            | PASS    |
|            | Ant1    | 5260    | 19.600            | 5250.200    | 5269.800    | ---            | PASS    |
|            | Ant2    | 5260    | 19.520            | 5250.240    | 5269.760    | ---            | PASS    |
|            | Ant1    | 5280    | 19.520            | 5270.200    | 5289.720    | ---            | PASS    |
|            | Ant2    | 5280    | 19.520            | 5270.240    | 5289.760    | ---            | PASS    |
|            | Ant1    | 5320    | 19.520            | 5310.200    | 5329.720    | ---            | PASS    |
|            | Ant2    | 5320    | 19.520            | 5310.240    | 5329.760    | ---            | PASS    |
|            | Ant1    | 5500    | 19.680            | 5490.200    | 5509.880    | ---            | PASS    |

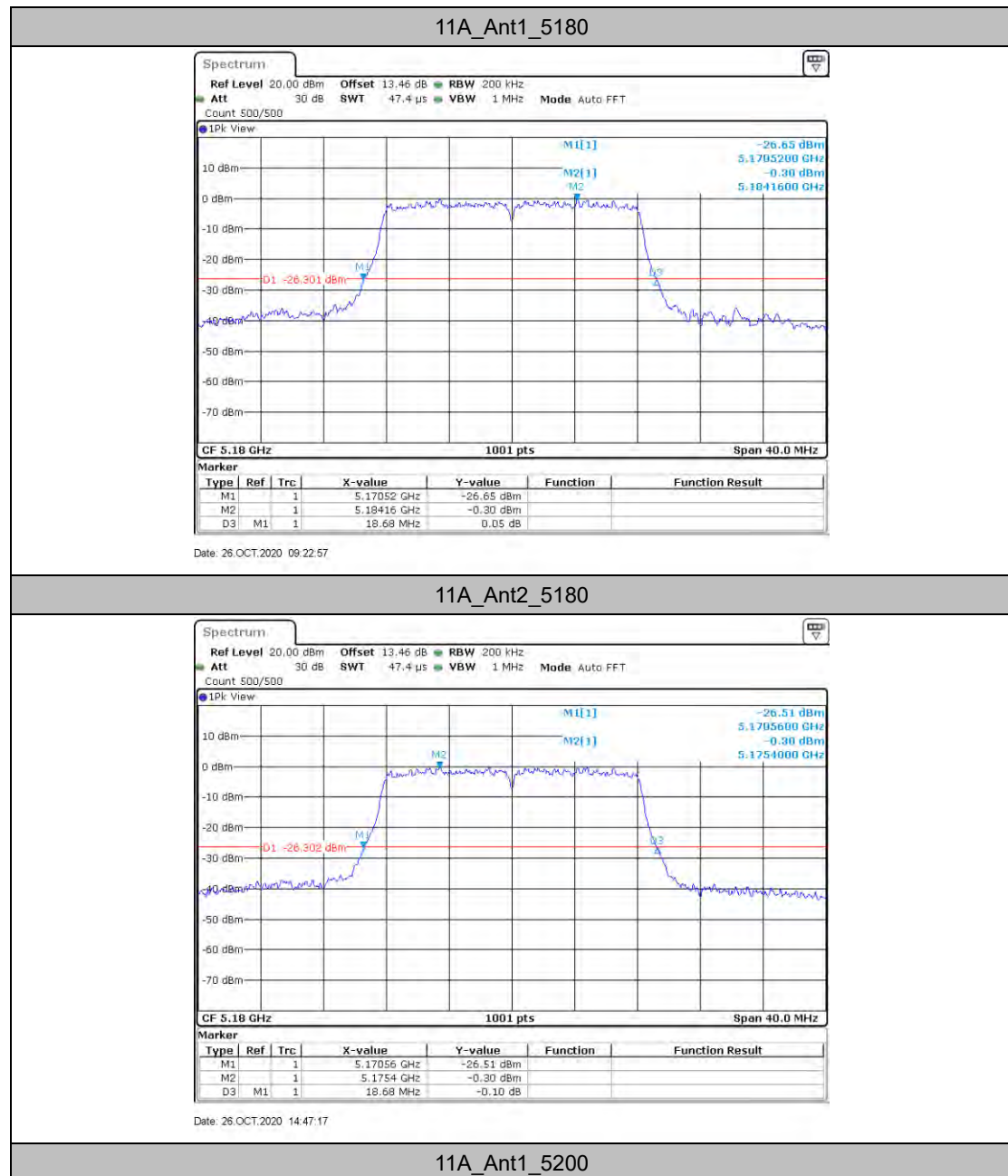
| Test Mode  | Antenna | Channel | 26db EBW<br>[MHz] | FL<br>[MHz] | FH<br>[MHz] | Limit<br>[MHz] | Verdict |
|------------|---------|---------|-------------------|-------------|-------------|----------------|---------|
|            | Ant2    | 5500    | 19.560            | 5490.200    | 5509.760    | ---            | PASS    |
|            | Ant1    | 5580    | 19.720            | 5570.200    | 5589.920    | ---            | PASS    |
|            | Ant2    | 5580    | 19.520            | 5570.240    | 5589.760    | ---            | PASS    |
|            | Ant1    | 5700    | 19.480            | 5690.240    | 5709.720    | ---            | PASS    |
|            | Ant2    | 5700    | 19.480            | 5690.280    | 5709.760    | ---            | PASS    |
|            | Ant1    | 5745    | 19.520            | 5735.240    | 5754.760    | ---            | PASS    |
|            | Ant2    | 5745    | 19.560            | 5735.240    | 5754.800    | ---            | PASS    |
|            | Ant1    | 5785    | 19.520            | 5775.240    | 5794.760    | ---            | PASS    |
|            | Ant2    | 5785    | 19.520            | 5775.240    | 5794.760    | ---            | PASS    |
|            | Ant1    | 5825    | 19.520            | 5815.240    | 5834.760    | ---            | PASS    |
|            | Ant2    | 5825    | 19.480            | 5815.240    | 5834.720    | ---            | PASS    |
| 11AC40SISO | Ant1    | 5190    | 41.920            | 5169.200    | 5211.120    | ---            | PASS    |
|            | Ant2    | 5190    | 42.080            | 5169.040    | 5211.120    | ---            | PASS    |
|            | Ant1    | 5230    | 42.160            | 5209.040    | 5251.200    | ---            | PASS    |
|            | Ant2    | 5230    | 41.840            | 5209.200    | 5251.040    | ---            | PASS    |
|            | Ant1    | 5270    | 42.080            | 5249.120    | 5291.200    | ---            | PASS    |
|            | Ant2    | 5270    | 42.000            | 5249.040    | 5291.040    | ---            | PASS    |
|            | Ant1    | 5310    | 42.080            | 5289.040    | 5331.120    | ---            | PASS    |
|            | Ant2    | 5310    | 41.920            | 5289.040    | 5330.960    | ---            | PASS    |
|            | Ant1    | 5510    | 42.400            | 5489.120    | 5531.520    | ---            | PASS    |
|            | Ant2    | 5510    | 42.080            | 5489.120    | 5531.200    | ---            | PASS    |
|            | Ant1    | 5550    | 42.080            | 5529.120    | 5571.200    | ---            | PASS    |
|            | Ant2    | 5550    | 42.000            | 5529.200    | 5571.200    | ---            | PASS    |
|            | Ant1    | 5670    | 42.320            | 5648.720    | 5691.040    | ---            | PASS    |
|            | Ant2    | 5670    | 42.080            | 5649.120    | 5691.200    | ---            | PASS    |
|            | Ant1    | 5755    | 42.400            | 5733.960    | 5776.360    | ---            | PASS    |
|            | Ant2    | 5755    | 41.920            | 5734.200    | 5776.120    | ---            | PASS    |
|            | Ant1    | 5795    | 42.320            | 5773.960    | 5816.280    | ---            | PASS    |
|            | Ant2    | 5795    | 42.160            | 5773.880    | 5816.040    | ---            | PASS    |
| 11AC80SISO | Ant1    | 5210    | 82.400            | 5168.720    | 5251.120    | ---            | PASS    |
|            | Ant2    | 5210    | 82.080            | 5168.880    | 5250.960    | ---            | PASS    |
|            | Ant1    | 5290    | 81.920            | 5249.040    | 5330.960    | ---            | PASS    |
|            | Ant2    | 5290    | 82.240            | 5248.880    | 5331.120    | ---            | PASS    |
|            | Ant1    | 5530    | 81.920            | 5489.200    | 5571.120    | ---            | PASS    |
|            | Ant2    | 5530    | 82.240            | 5489.040    | 5571.280    | ---            | PASS    |
|            | Ant1    | 5775    | 82.400            | 5733.880    | 5816.280    | ---            | PASS    |
|            | Ant2    | 5775    | 82.400            | 5734.040    | 5816.440    | ---            | PASS    |

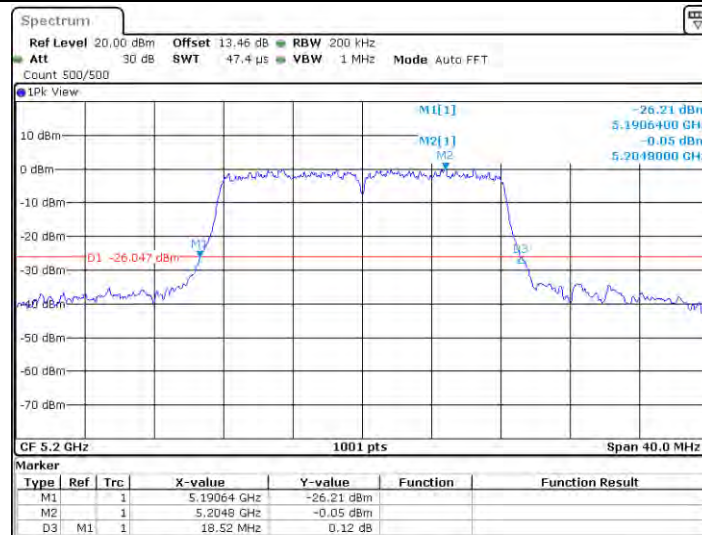
| Test Mode | Antenna | Channel | 26db EBW<br>[MHz] | FL<br>[MHz] | FH<br>[MHz] | Limit<br>[MHz] | Verdict |
|-----------|---------|---------|-------------------|-------------|-------------|----------------|---------|
| 11N20MIMO | Ant1    | 5180    | 19.520            | 5170.240    | 5189.760    | ---            | PASS    |
|           | Ant2    | 5180    | 19.520            | 5170.240    | 5189.760    | ---            | PASS    |
|           | Ant1    | 5200    | 19.440            | 5190.280    | 5209.720    | ---            | PASS    |
|           | Ant2    | 5200    | 19.400            | 5190.320    | 5209.720    | ---            | PASS    |
|           | Ant1    | 5240    | 19.560            | 5230.280    | 5249.840    | ---            | PASS    |
|           | Ant2    | 5240    | 19.520            | 5230.280    | 5249.800    | ---            | PASS    |
|           | Ant1    | 5260    | 19.480            | 5250.280    | 5269.760    | ---            | PASS    |
|           | Ant2    | 5260    | 19.400            | 5250.320    | 5269.720    | ---            | PASS    |
|           | Ant1    | 5280    | 19.600            | 5270.200    | 5289.800    | ---            | PASS    |
|           | Ant2    | 5280    | 19.360            | 5270.320    | 5289.680    | ---            | PASS    |
|           | Ant1    | 5320    | 19.520            | 5310.240    | 5329.760    | ---            | PASS    |
|           | Ant2    | 5320    | 19.440            | 5310.280    | 5329.720    | ---            | PASS    |
|           | Ant1    | 5500    | 20.120            | 5489.920    | 5510.040    | ---            | PASS    |
|           | Ant2    | 5500    | 19.360            | 5490.320    | 5509.680    | ---            | PASS    |
|           | Ant1    | 5580    | 20.040            | 5569.840    | 5589.880    | ---            | PASS    |
|           | Ant2    | 5580    | 19.440            | 5570.280    | 5589.720    | ---            | PASS    |
|           | Ant1    | 5700    | 19.520            | 5690.240    | 5709.760    | ---            | PASS    |
|           | Ant2    | 5700    | 19.360            | 5690.320    | 5709.680    | ---            | PASS    |
|           | Ant1    | 5745    | 19.560            | 5735.280    | 5754.840    | ---            | PASS    |
|           | Ant2    | 5745    | 19.480            | 5735.240    | 5754.720    | ---            | PASS    |
|           | Ant1    | 5785    | 19.560            | 5775.200    | 5794.760    | ---            | PASS    |
|           | Ant2    | 5785    | 19.520            | 5775.200    | 5794.720    | ---            | PASS    |
|           | Ant1    | 5825    | 19.560            | 5815.240    | 5834.800    | ---            | PASS    |
|           | Ant2    | 5825    | 19.480            | 5815.240    | 5834.720    | ---            | PASS    |
| 11N40MIMO | Ant1    | 5190    | 41.840            | 5169.120    | 5210.960    | ---            | PASS    |
|           | Ant2    | 5190    | 40.720            | 5169.680    | 5210.400    | ---            | PASS    |
|           | Ant1    | 5230    | 41.760            | 5209.120    | 5250.880    | ---            | PASS    |
|           | Ant2    | 5230    | 40.800            | 5209.680    | 5250.480    | ---            | PASS    |
|           | Ant1    | 5270    | 41.840            | 5249.200    | 5291.040    | ---            | PASS    |
|           | Ant2    | 5270    | 40.720            | 5249.760    | 5290.480    | ---            | PASS    |
|           | Ant1    | 5310    | 41.840            | 5289.120    | 5330.960    | ---            | PASS    |
|           | Ant2    | 5310    | 40.720            | 5289.600    | 5330.320    | ---            | PASS    |
|           | Ant1    | 5510    | 55.280            | 5481.120    | 5536.400    | ---            | PASS    |
|           | Ant2    | 5510    | 41.040            | 5489.600    | 5530.640    | ---            | PASS    |
|           | Ant1    | 5550    | 41.920            | 5529.120    | 5571.040    | ---            | PASS    |
|           | Ant2    | 5550    | 40.800            | 5529.760    | 5570.560    | ---            | PASS    |
|           | Ant1    | 5670    | 42.000            | 5648.960    | 5690.960    | ---            | PASS    |
|           | Ant2    | 5670    | 40.640            | 5649.760    | 5690.400    | ---            | PASS    |
|           | Ant1    | 5755    | 41.840            | 5734.120    | 5775.960    | ---            | PASS    |
|           | Ant2    | 5755    | 40.880            | 5734.600    | 5775.480    | ---            | PASS    |
|           | Ant1    | 5795    | 42.080            | 5773.960    | 5816.040    | ---            | PASS    |
|           | Ant2    | 5795    | 40.960            | 5774.600    | 5815.560    | ---            | PASS    |

| Test Mode  | Antenna | Channel | 26db EBW<br>[MHz] | FL<br>[MHz] | FH<br>[MHz] | Limit<br>[MHz] | Verdict |
|------------|---------|---------|-------------------|-------------|-------------|----------------|---------|
| 11AC20MIMO | Ant1    | 5180    | 19.640            | 5170.200    | 5189.840    | ---            | PASS    |
|            | Ant2    | 5180    | 19.400            | 5170.320    | 5189.720    | ---            | PASS    |
|            | Ant1    | 5200    | 19.520            | 5190.240    | 5209.760    | ---            | PASS    |
|            | Ant2    | 5200    | 19.440            | 5190.280    | 5209.720    | ---            | PASS    |
|            | Ant1    | 5240    | 19.480            | 5230.280    | 5249.760    | ---            | PASS    |
|            | Ant2    | 5240    | 19.400            | 5230.320    | 5249.720    | ---            | PASS    |
|            | Ant1    | 5260    | 19.560            | 5250.240    | 5269.800    | ---            | PASS    |
|            | Ant2    | 5260    | 19.440            | 5250.240    | 5269.680    | ---            | PASS    |
|            | Ant1    | 5280    | 19.520            | 5270.240    | 5289.760    | ---            | PASS    |
|            | Ant2    | 5280    | 19.440            | 5270.280    | 5289.720    | ---            | PASS    |
|            | Ant1    | 5320    | 19.520            | 5310.240    | 5329.760    | ---            | PASS    |
|            | Ant2    | 5320    | 19.480            | 5310.240    | 5329.720    | ---            | PASS    |
|            | Ant1    | 5500    | 19.600            | 5490.280    | 5509.880    | ---            | PASS    |
|            | Ant2    | 5500    | 19.480            | 5490.280    | 5509.760    | ---            | PASS    |
|            | Ant1    | 5580    | 19.600            | 5570.240    | 5589.840    | ---            | PASS    |
|            | Ant2    | 5580    | 19.400            | 5570.280    | 5589.680    | ---            | PASS    |
|            | Ant1    | 5700    | 19.600            | 5690.200    | 5709.800    | ---            | PASS    |
|            | Ant2    | 5700    | 19.400            | 5690.320    | 5709.720    | ---            | PASS    |
|            | Ant1    | 5745    | 19.600            | 5735.240    | 5754.840    | ---            | PASS    |
|            | Ant2    | 5745    | 19.440            | 5735.280    | 5754.720    | ---            | PASS    |
|            | Ant1    | 5785    | 19.560            | 5775.240    | 5794.800    | ---            | PASS    |
|            | Ant2    | 5785    | 19.400            | 5775.280    | 5794.680    | ---            | PASS    |
|            | Ant1    | 5825    | 19.600            | 5815.200    | 5834.800    | ---            | PASS    |
|            | Ant2    | 5825    | 19.400            | 5815.280    | 5834.680    | ---            | PASS    |
| 11AC40MIMO | Ant1    | 5190    | 42.080            | 5168.960    | 5211.040    | ---            | PASS    |
|            | Ant2    | 5190    | 40.880            | 5169.520    | 5210.400    | ---            | PASS    |
|            | Ant1    | 5230    | 42.240            | 5209.040    | 5251.280    | ---            | PASS    |
|            | Ant2    | 5230    | 40.720            | 5209.760    | 5250.480    | ---            | PASS    |
|            | Ant1    | 5270    | 42.000            | 5249.040    | 5291.040    | ---            | PASS    |
|            | Ant2    | 5270    | 40.640            | 5249.760    | 5290.400    | ---            | PASS    |
|            | Ant1    | 5310    | 42.080            | 5289.040    | 5331.120    | ---            | PASS    |
|            | Ant2    | 5310    | 40.720            | 5289.760    | 5330.480    | ---            | PASS    |
|            | Ant1    | 5510    | 42.000            | 5489.040    | 5531.040    | ---            | PASS    |
|            | Ant2    | 5510    | 40.880            | 5489.680    | 5530.560    | ---            | PASS    |
|            | Ant1    | 5550    | 41.840            | 5529.120    | 5570.960    | ---            | PASS    |
|            | Ant2    | 5550    | 40.880            | 5529.680    | 5570.560    | ---            | PASS    |
|            | Ant1    | 5670    | 41.920            | 5648.960    | 5690.880    | ---            | PASS    |
|            | Ant2    | 5670    | 40.720            | 5649.680    | 5690.400    | ---            | PASS    |
|            | Ant1    | 5755    | 41.920            | 5734.040    | 5775.960    | ---            | PASS    |
|            | Ant2    | 5755    | 40.640            | 5734.680    | 5775.320    | ---            | PASS    |
|            | Ant1    | 5795    | 42.400            | 5773.640    | 5816.040    | ---            | PASS    |
|            | Ant2    | 5795    | 40.640            | 5774.600    | 5815.240    | ---            | PASS    |

| Test Mode  | Antenna | Channel | 26db EBW<br>[MHz] | FL<br>[MHz] | FH<br>[MHz] | Limit<br>[MHz] | Verdict |
|------------|---------|---------|-------------------|-------------|-------------|----------------|---------|
| 11AC80MIMO | Ant1    | 5210    | 117.280           | 5152.720    | 5270.000    | ---            | PASS    |
|            | Ant2    | 5210    | 82.400            | 5168.720    | 5251.120    | ---            | PASS    |
|            | Ant1    | 5290    | 82.400            | 5248.880    | 5331.280    | ---            | PASS    |
|            | Ant2    | 5290    | 82.080            | 5248.880    | 5330.960    | ---            | PASS    |
|            | Ant1    | 5530    | 90.240            | 5481.200    | 5571.440    | ---            | PASS    |
|            | Ant2    | 5530    | 81.920            | 5489.200    | 5571.120    | ---            | PASS    |
|            | Ant1    | 5775    | 82.080            | 5733.880    | 5815.960    | ---            | PASS    |
|            | Ant2    | 5775    | 81.280            | 5734.360    | 5815.640    | ---            | PASS    |

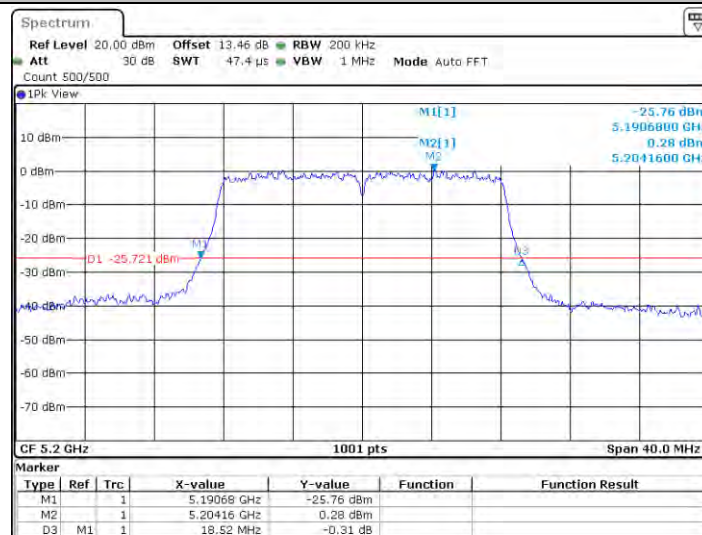
## Test Graphs





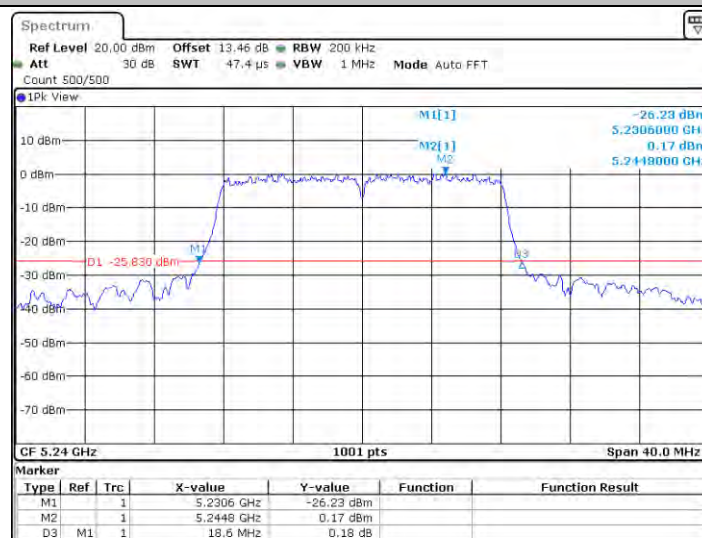
Date: 26 OCT.2020 09:26:04

### 11A\_Ant2\_5200



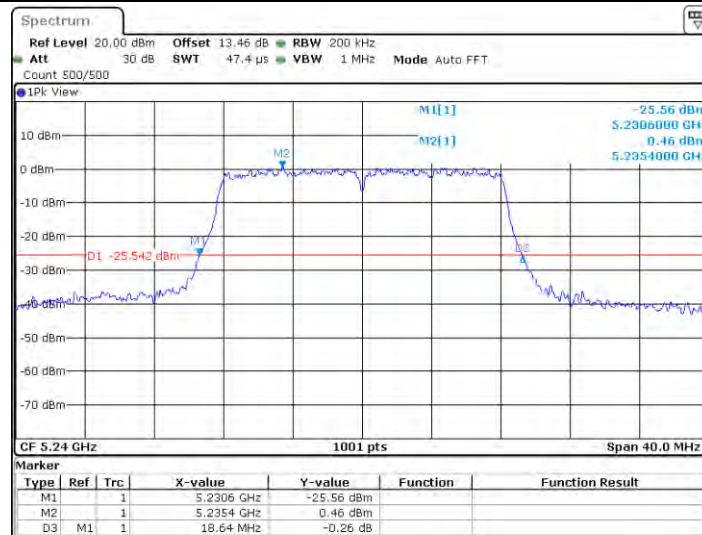
Date: 26 OCT.2020 14:53:43

### 11A\_Ant1\_5240



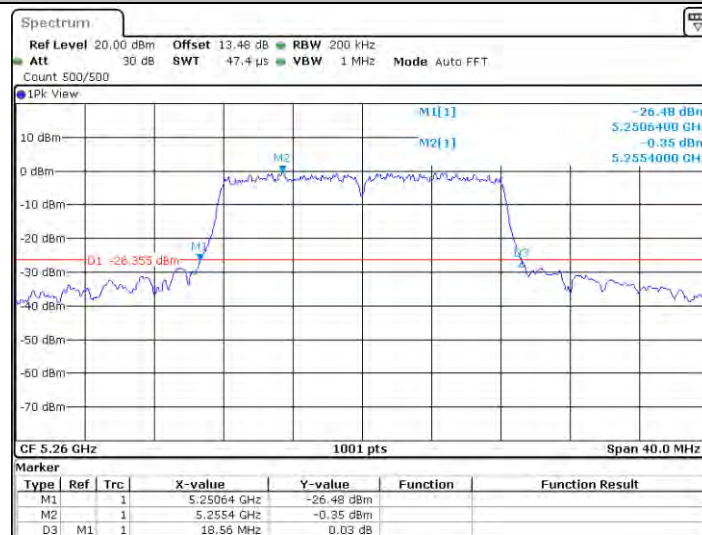
Date: 26 OCT.2020 09:28:45

### 11A\_Ant2\_5240



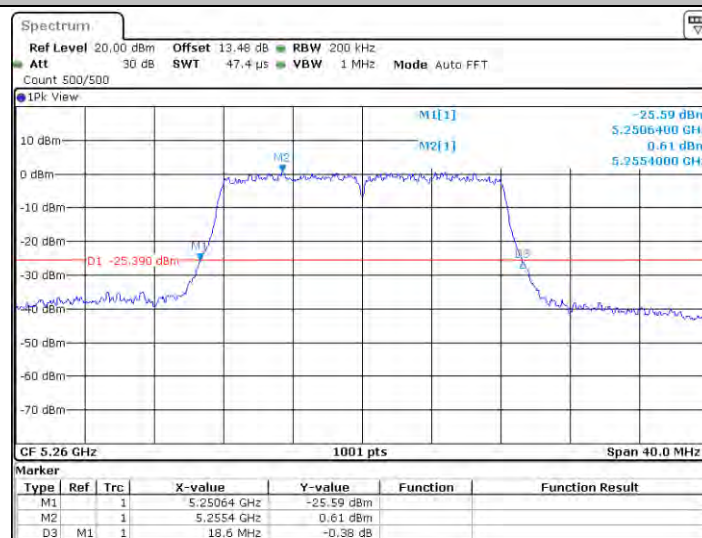
Date: 26.OCT.2020 15:00:12

## 11A\_Ant1\_5260



Date: 26.OCT.2020 09:31:32

## 11A\_Ant2\_5260



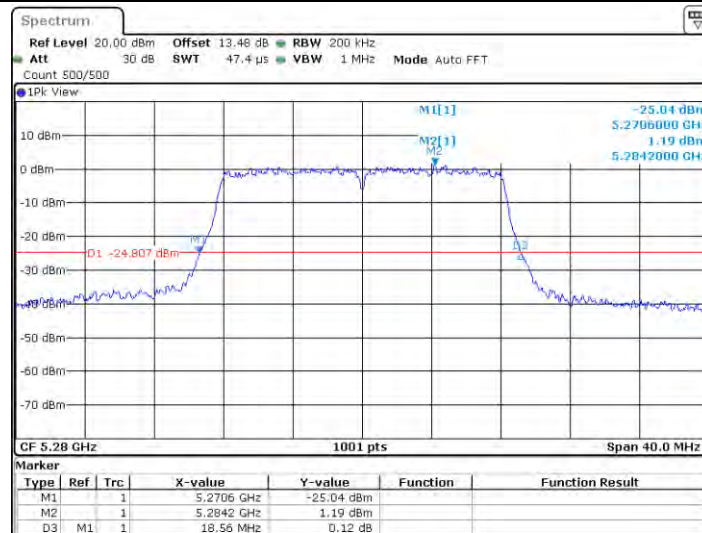
Date: 26.OCT.2020 15:06:45

## 11A\_Ant1\_5280



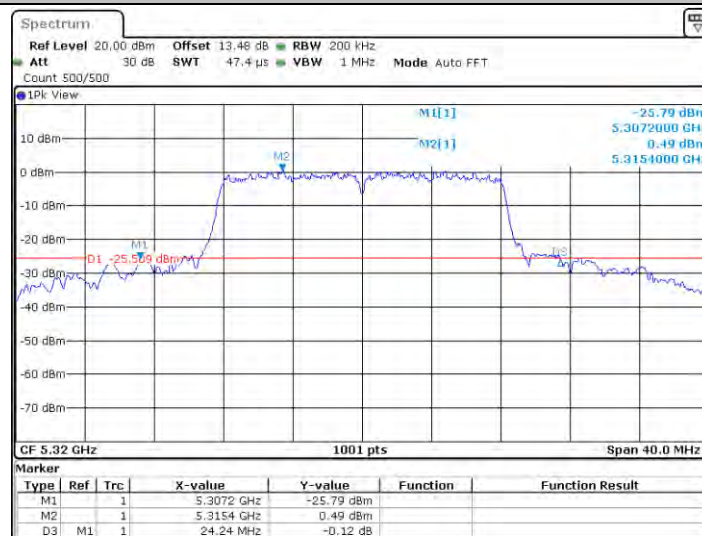
Date: 26 OCT.2020 09:34:24

### 11A\_Ant2\_5280



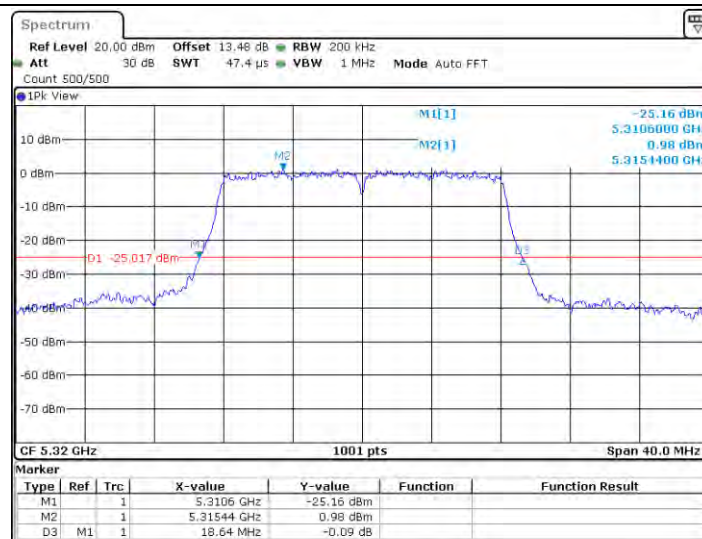
Date: 26 OCT.2020 15:12:53

### 11A\_Ant1\_5320



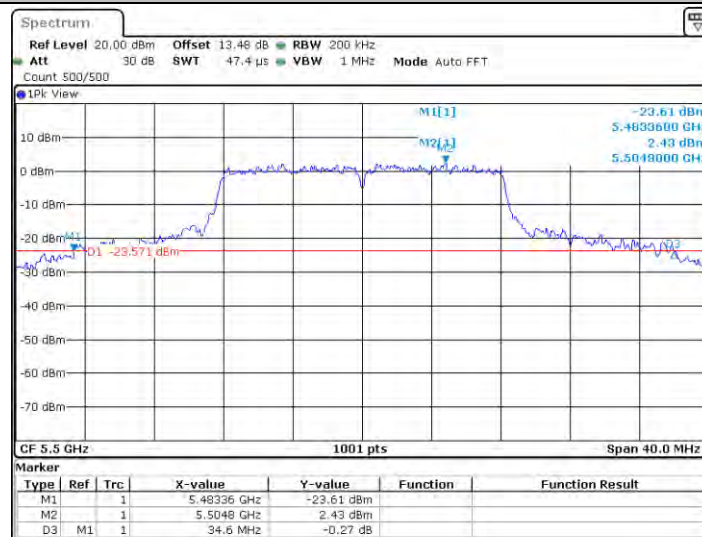
Date: 26 OCT.2020 09:37:07

### 11A\_Ant2\_5320



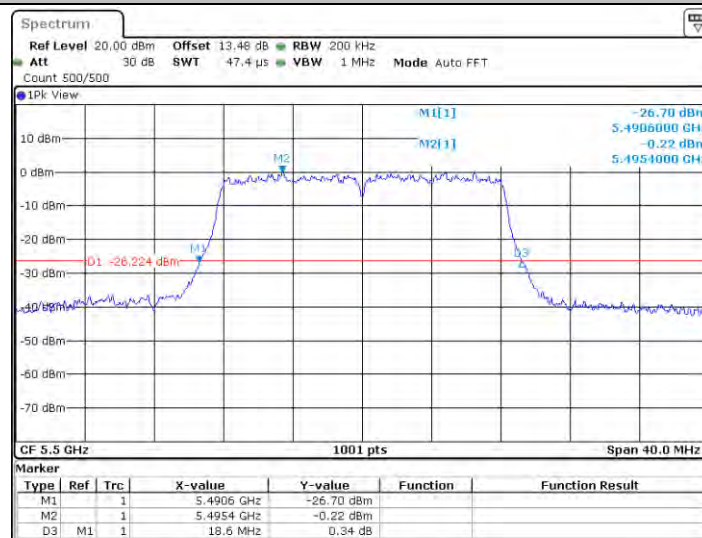
Date: 26.OCT.2020 15:19:30

## 11A\_Ant1\_5500



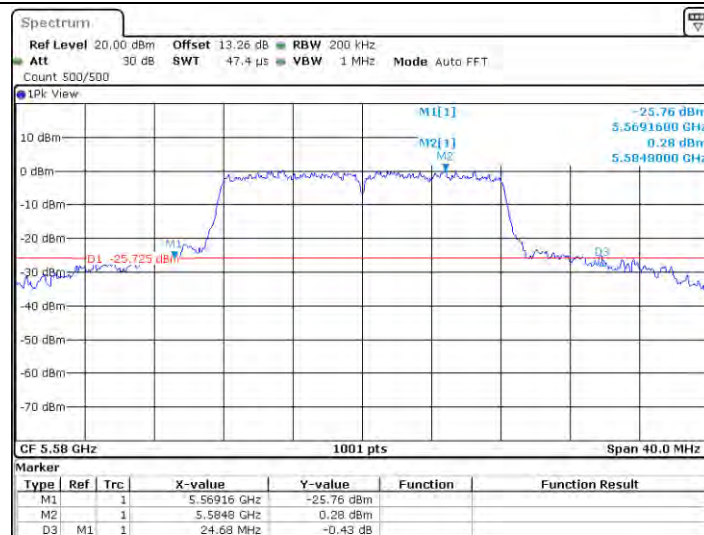
Date: 26.OCT.2020 09:39:56

## 11A\_Ant2\_5500



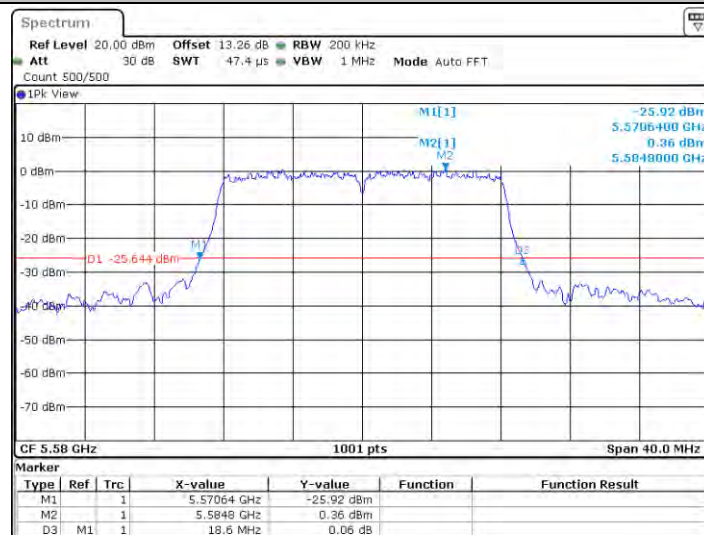
Date: 26.OCT.2020 15:26:00

## 11A\_Ant1\_5580



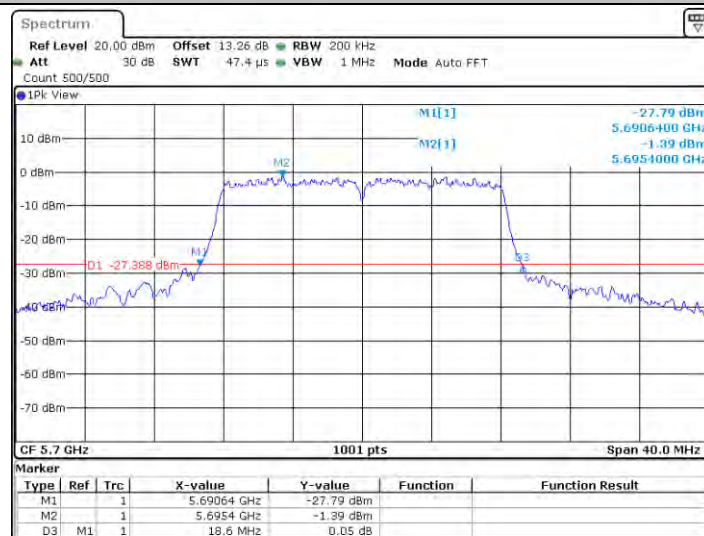
Date: 26.OCT.2020 09:42:59

## 11A\_Ant2\_5580



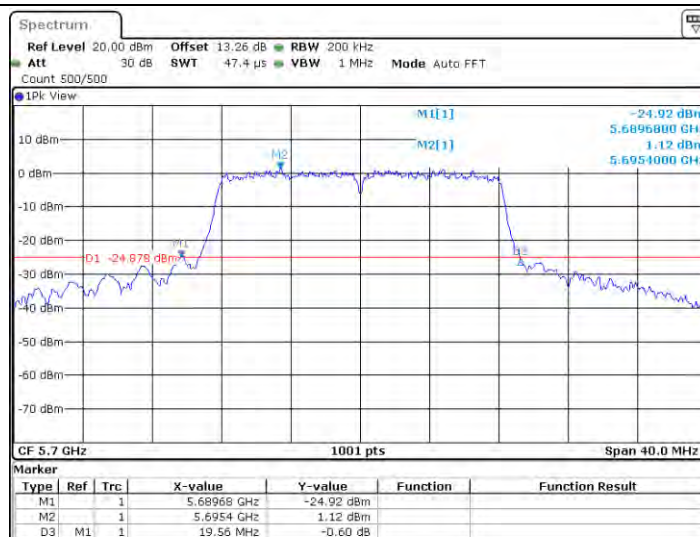
Date: 26.OCT.2020 15:32:01

## 11A\_Ant1\_5700



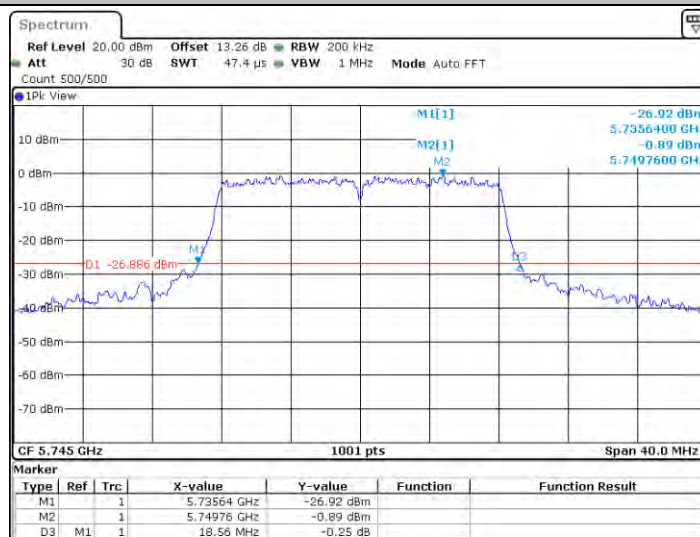
Date: 26.OCT.2020 09:52:54

## 11A\_Ant2\_5700



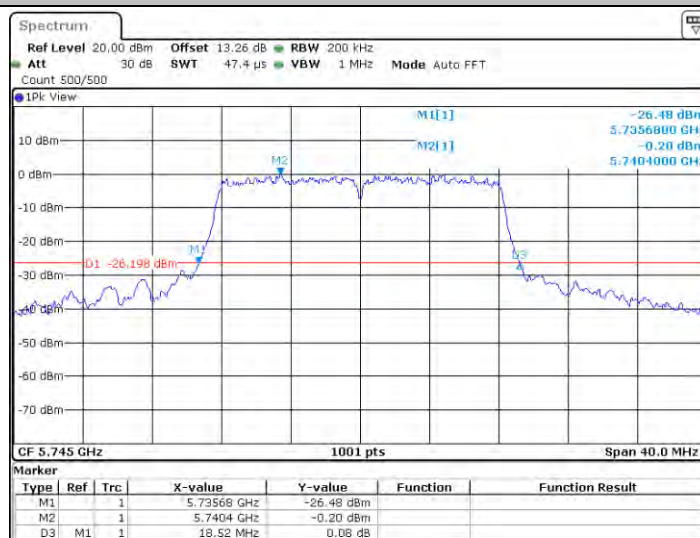
Date: 26.OCT.2020 15:37:53

11A\_Ant1\_5745



Date: 26.OCT.2020 09:55:46

11A\_Ant2\_5745



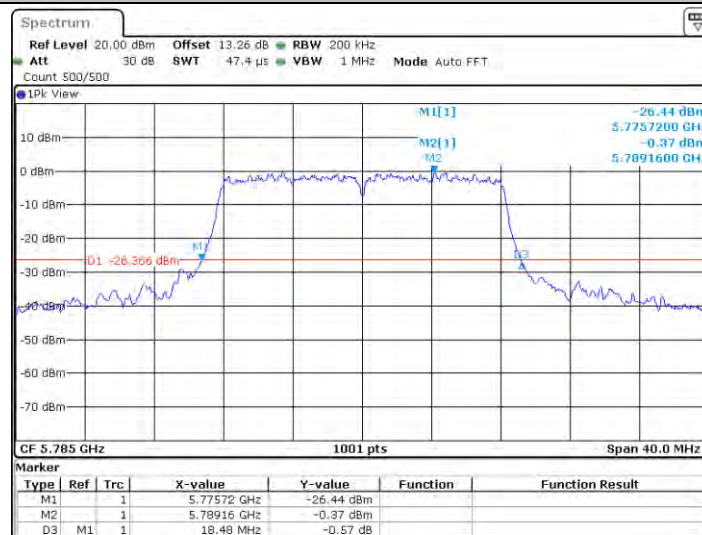
Date: 26.OCT.2020 15:50:27

11A\_Ant1\_5785



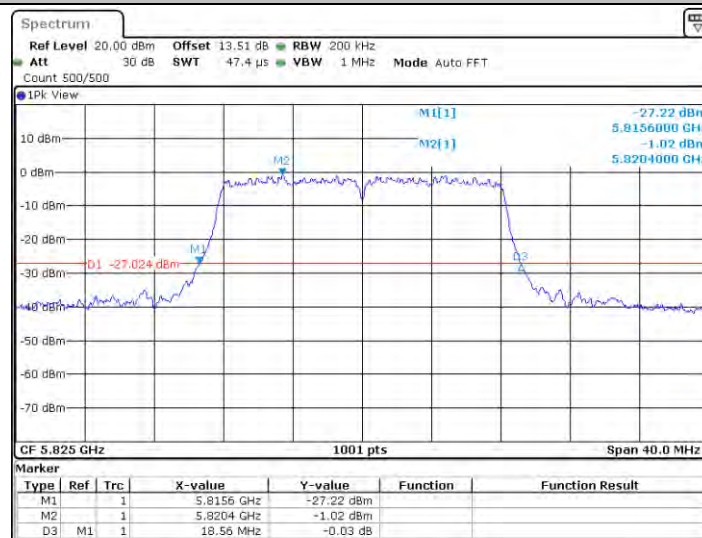
Date: 26.OCT.2020 09:58:47

11A\_Ant2\_5785



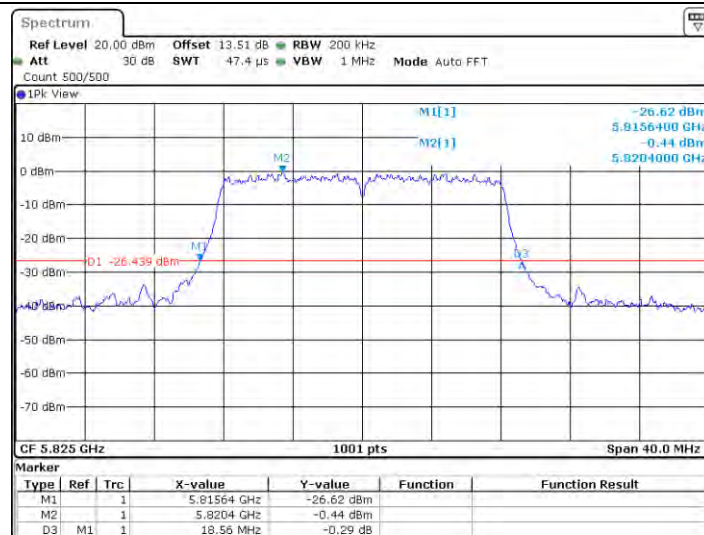
Date: 26.OCT.2020 15:57:04

11A\_Ant1\_5825



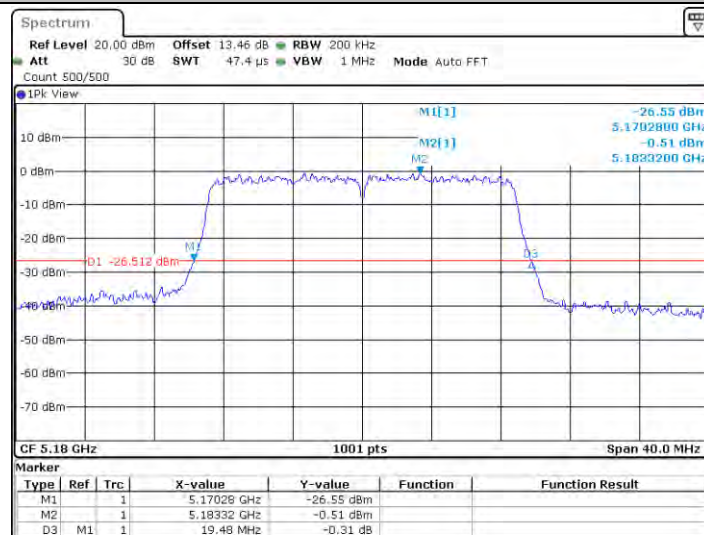
Date: 26.OCT.2020 10:01:40

11A\_Ant2\_5825



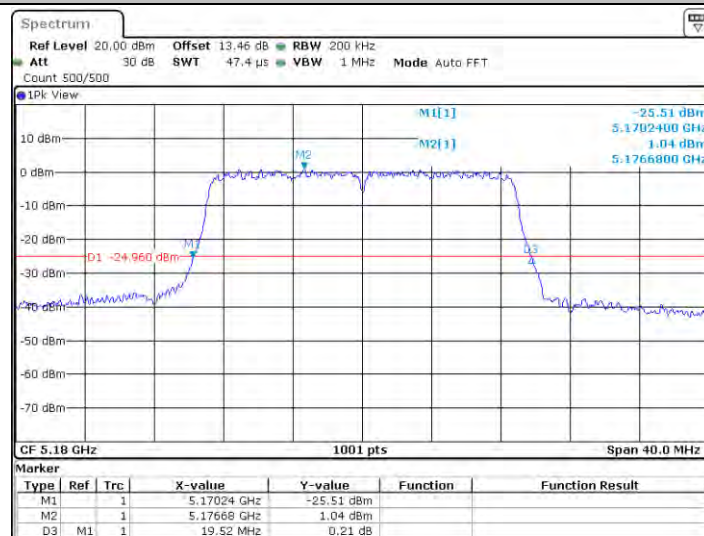
Date: 26 OCT.2020 16:15:23

## 11N20SISO\_Ant1\_5180



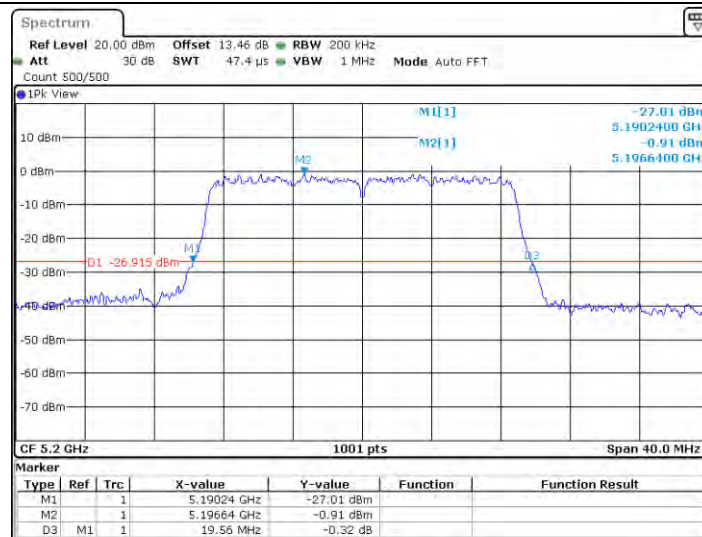
Date: 26 OCT.2020 10:09:29

## 11N20SISO\_Ant2\_5180



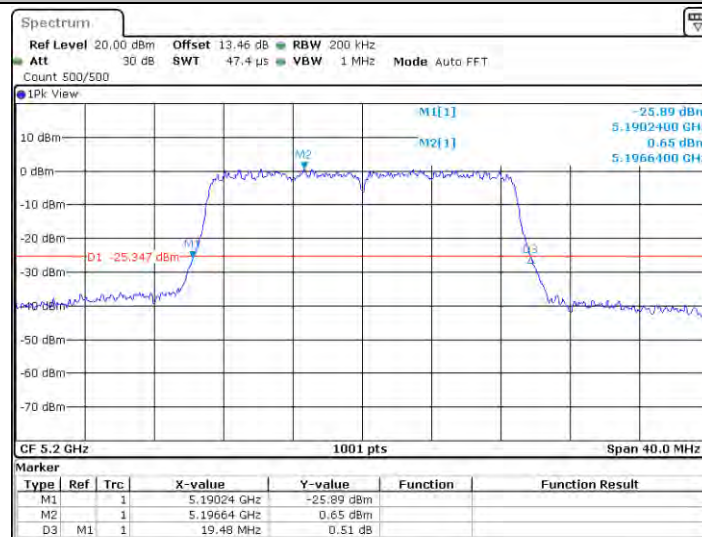
Date: 26 OCT.2020 16:22:53

## 11N20SISO\_Ant1\_5200



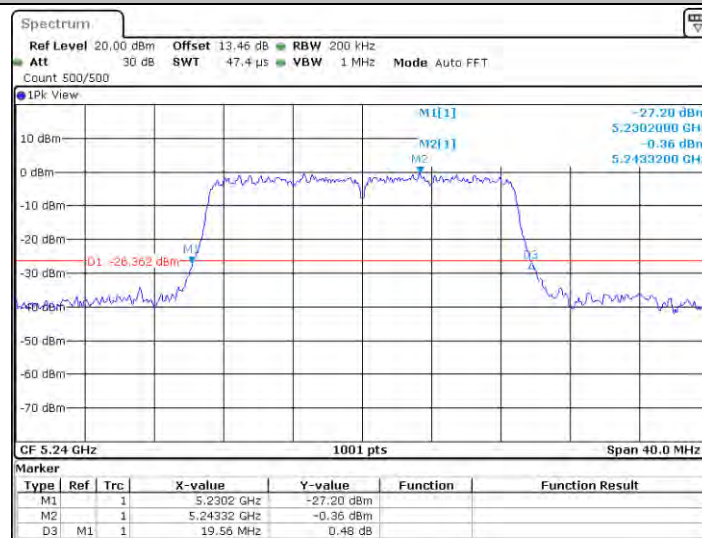
Date: 26.OCT.2020 10:09:05

### 11N20SISO\_Ant2\_5200



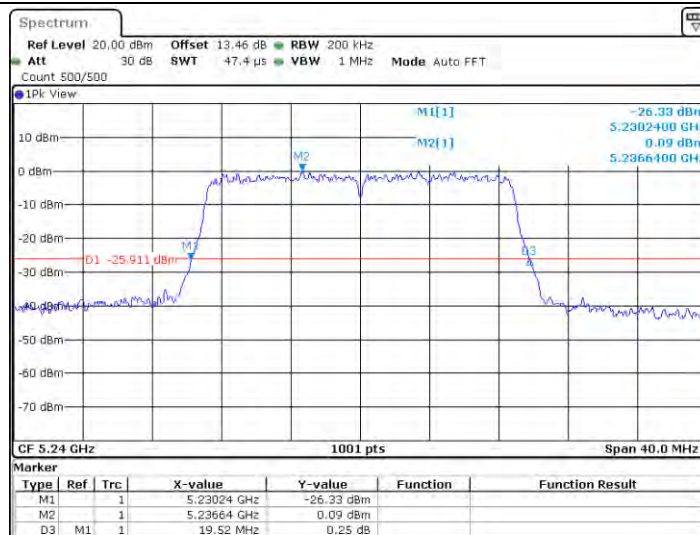
Date: 26.OCT.2020 16:30:51

### 11N20SISO\_Ant1\_5240



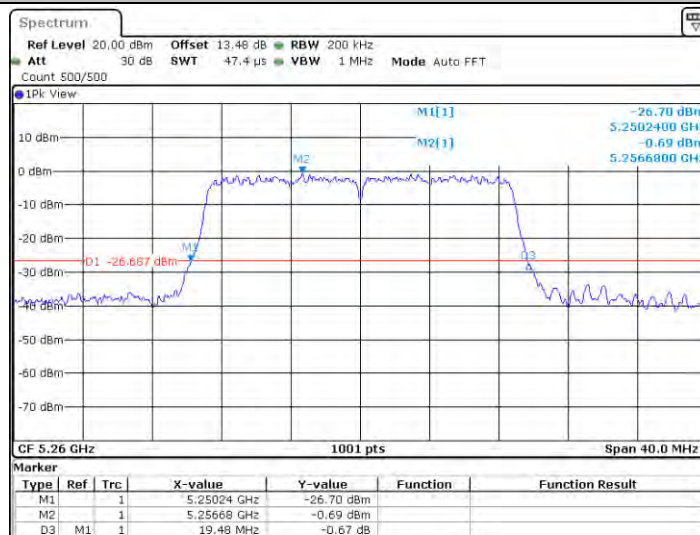
Date: 26.OCT.2020 10:11:43

### 11N20SISO\_Ant2\_5240



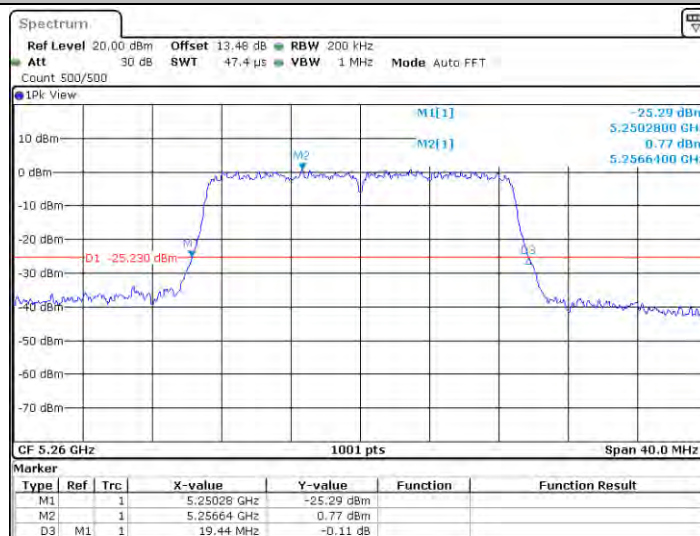
Date: 26 OCT.2020 16:36:45

## 11N20SISO\_Ant1\_5260



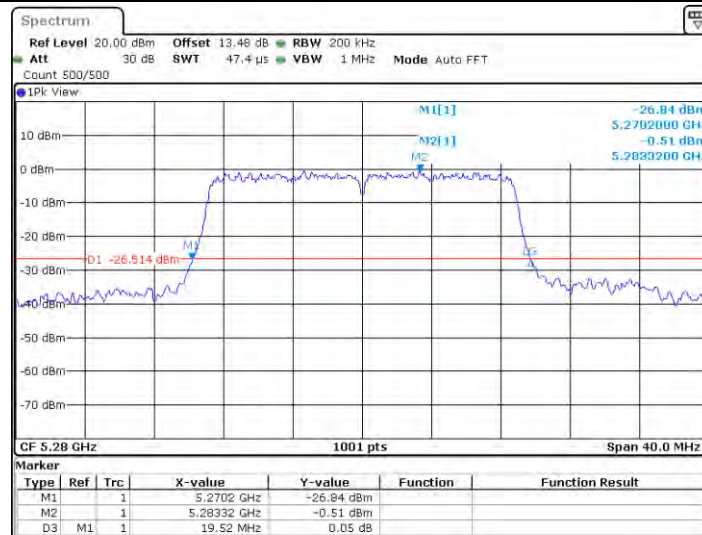
Date: 26 OCT.2020 10:15:29

## 11N20SISO\_Ant2\_5260



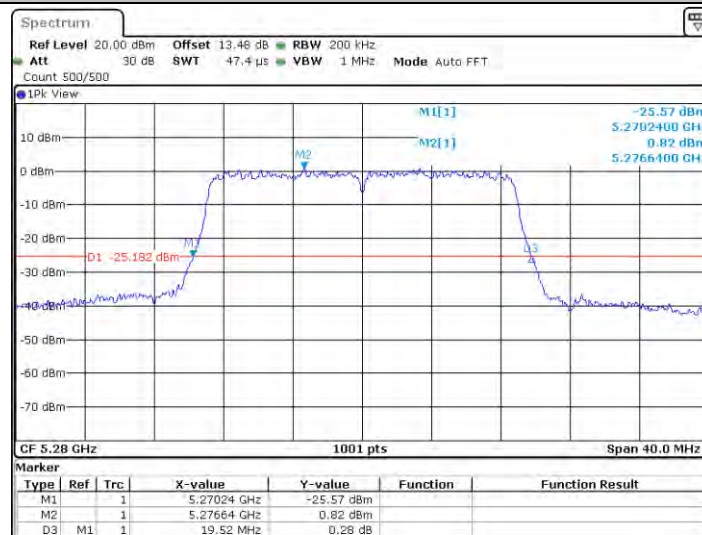
Date: 26 OCT.2020 16:44:28

## 11N20SISO\_Ant1\_5280



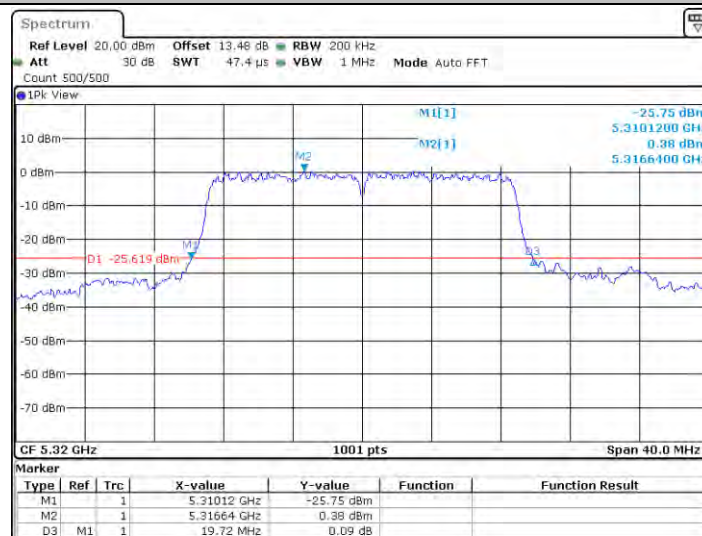
Date: 26 OCT.2020 10:18:58

### 11N20SISO\_Ant2\_5280



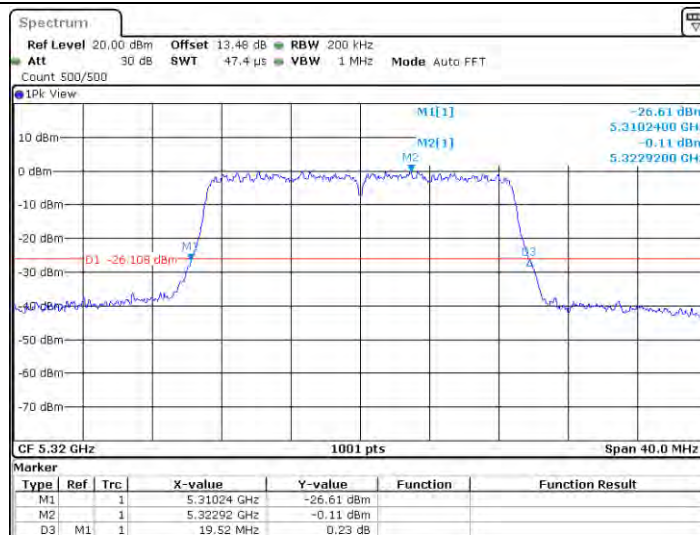
Date: 26 OCT.2020 16:50:13

### 11N20SISO\_Ant1\_5320



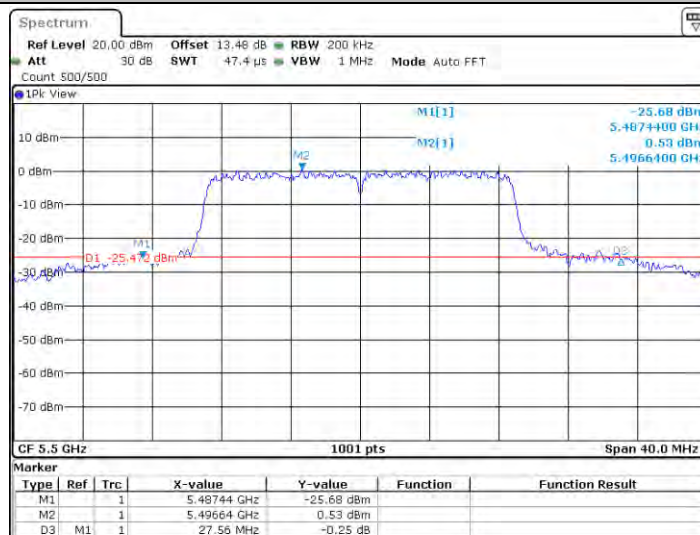
Date: 26 OCT.2020 10:21:51

### 11N20SISO\_Ant2\_5320



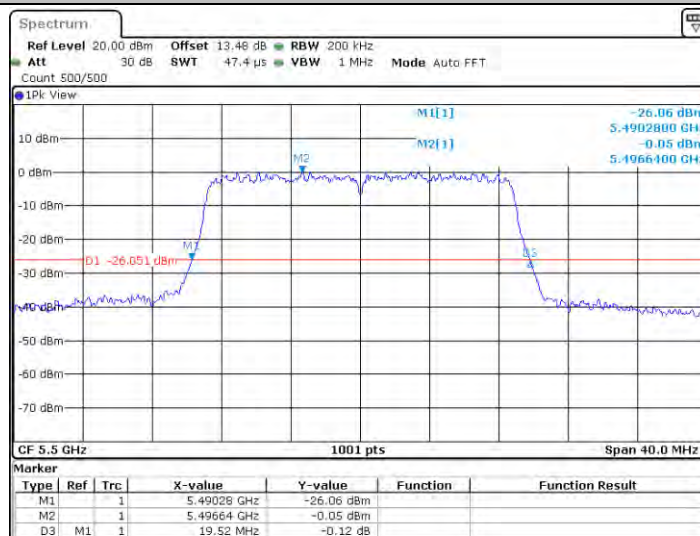
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## 11N20SISO\_Ant1\_5500



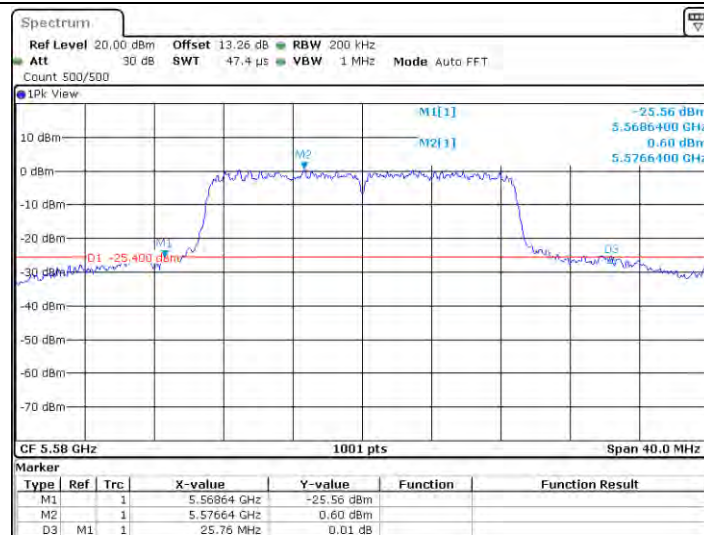
Date: 26 OCT.2020 10:25:06

## 11N20SISO\_Ant2\_5500



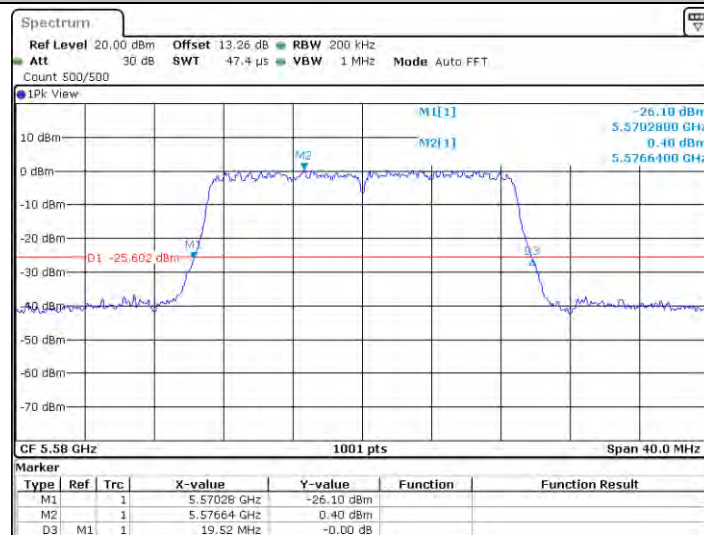
Date: 26 OCT.2020 17:02:44

## 11N20SISO\_Ant1\_5580



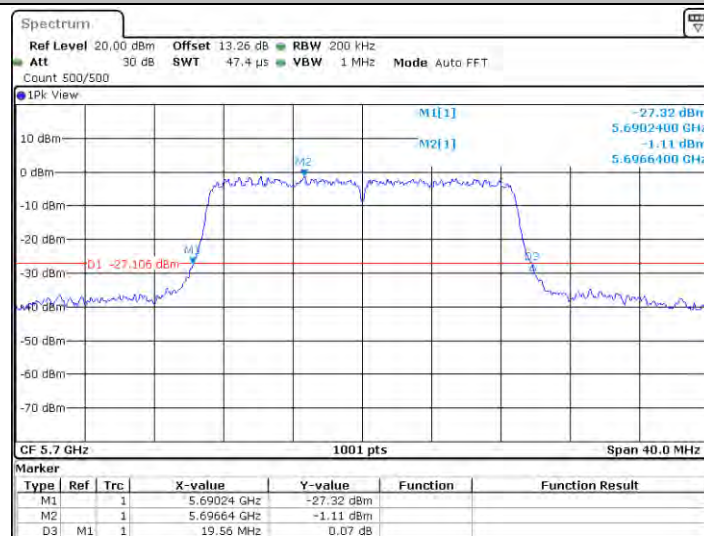
Date: 26 OCT.2020 10:28:59

## 11N20SISO\_Ant2\_5580



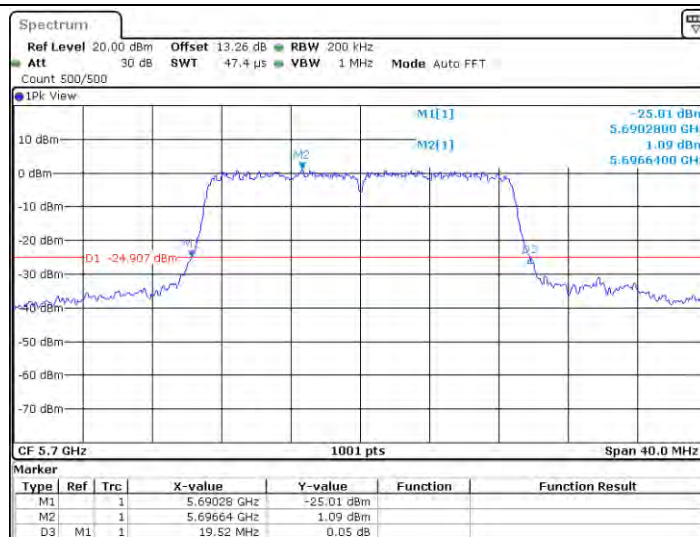
Date: 26 OCT.2020 17:08:32

## 11N20SISO\_Ant1\_5700



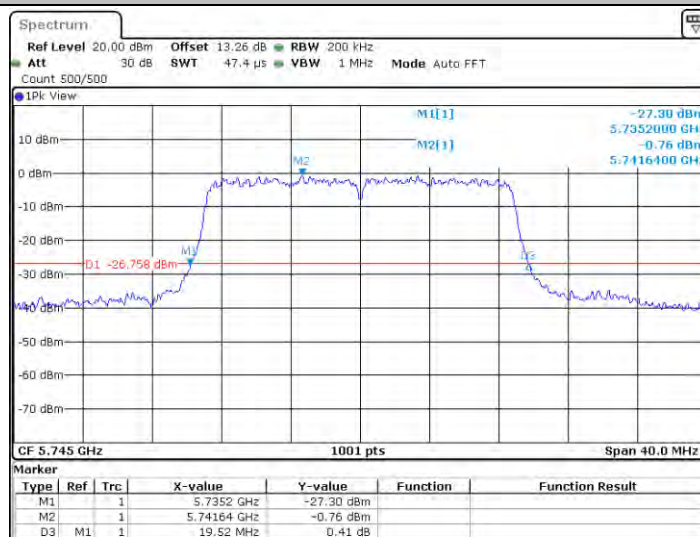
Date: 26 OCT.2020 10:32:14

## 11N20SISO\_Ant2\_5700



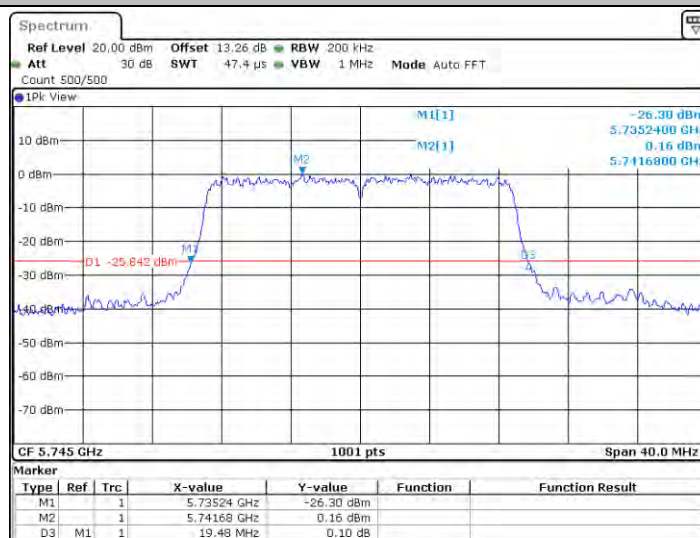
Date: 26 OCT.2020 17:14:22

## 11N20SISO\_Ant1\_5745



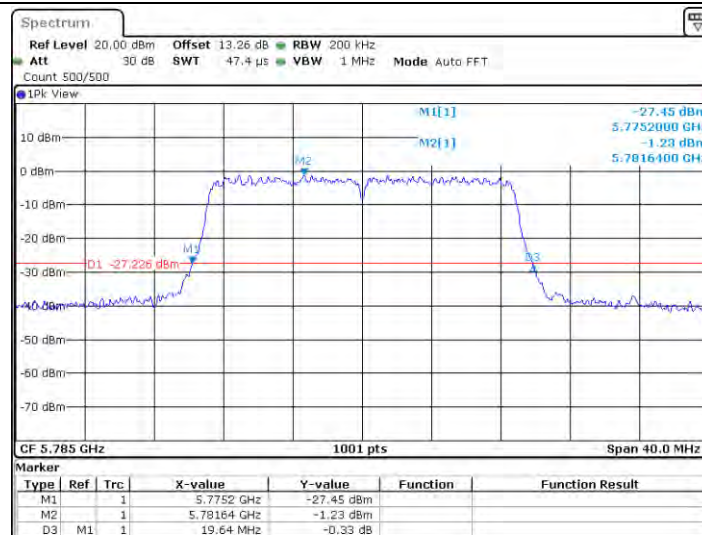
Date: 26 OCT.2020 10:34:52

## 11N20SISO\_Ant2\_5745



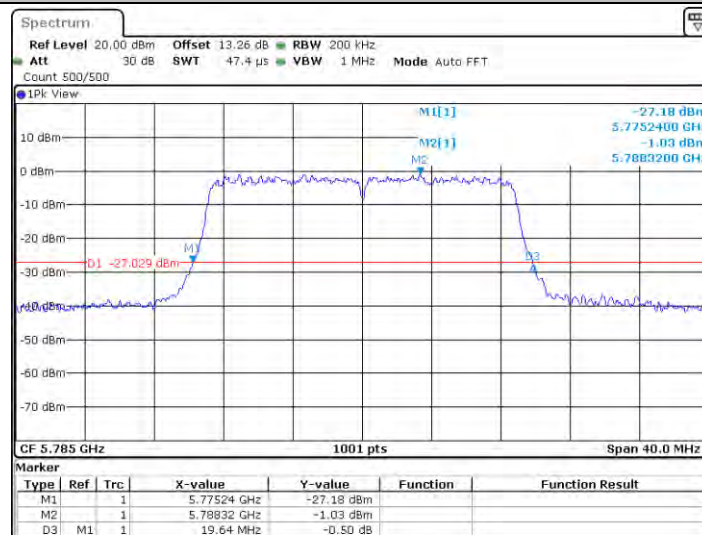
Date: 26 OCT.2020 17:33:11

## 11N20SISO\_Ant1\_5785



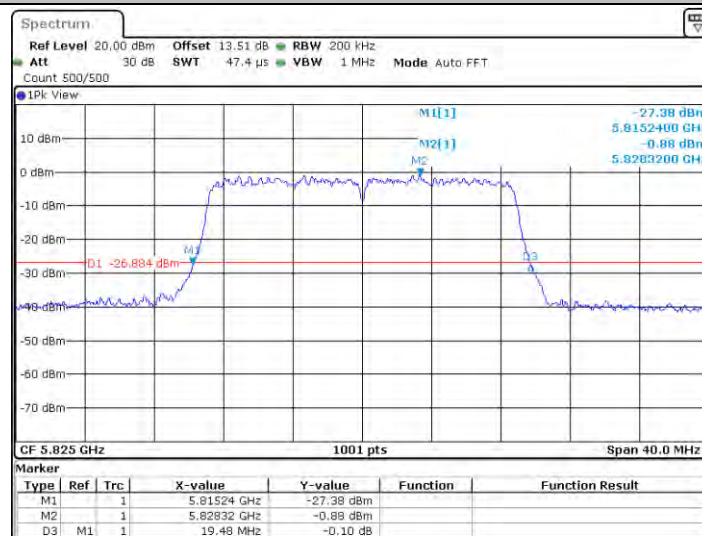
Date: 26 OCT.2020 10:37:55

### 11N20SISO\_Ant2\_5785



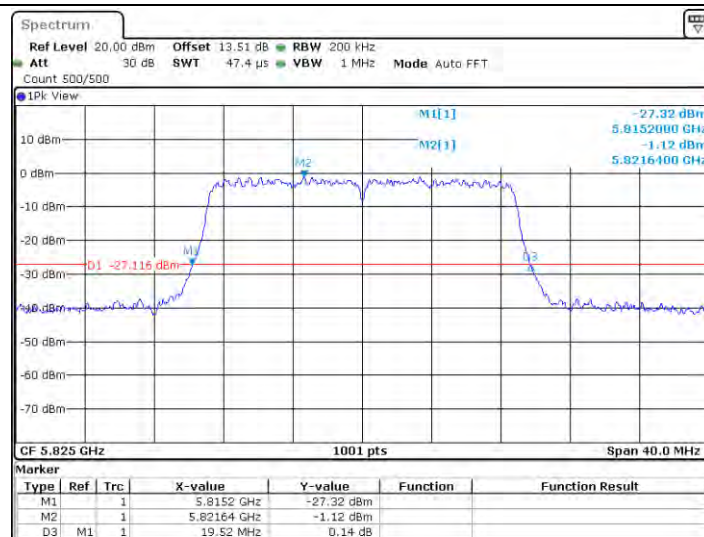
Date: 26 OCT.2020 17:39:40

### 11N20SISO\_Ant1\_5825



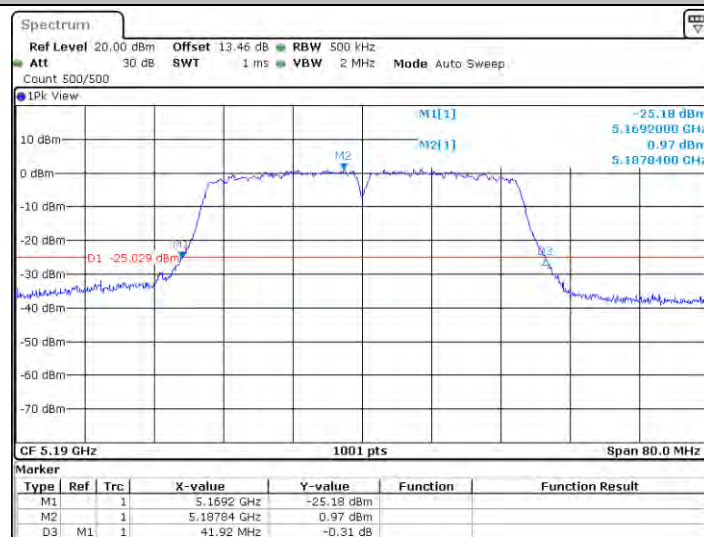
Date: 26 OCT.2020 10:40:50

### 11N20SISO\_Ant2\_5825



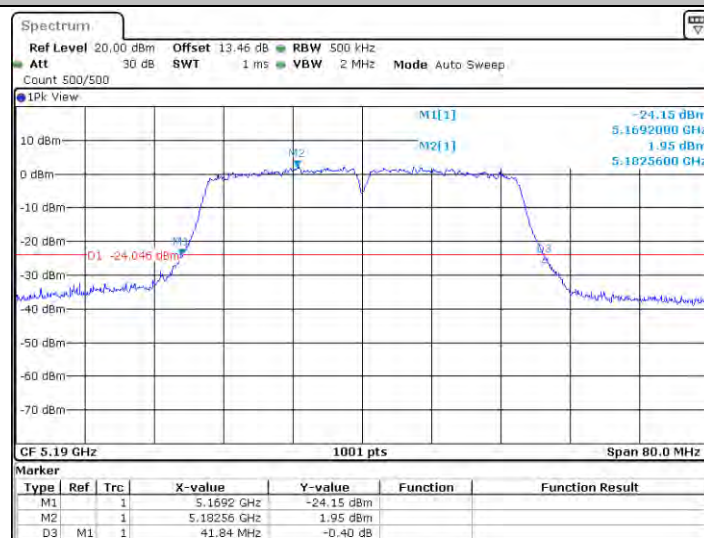
Date: 26 OCT.2020 17:46:32

### 11N40SISO\_Ant1\_5190



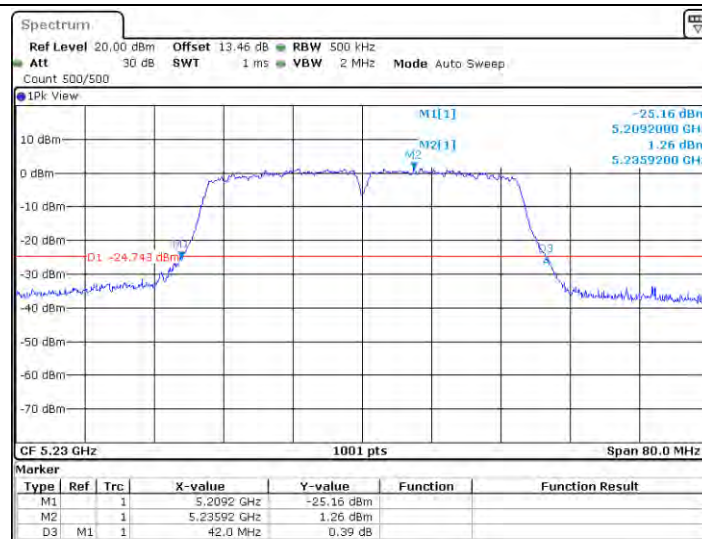
Date: 26 OCT.2020 10:44:27

### 11N40SISO\_Ant2\_5190



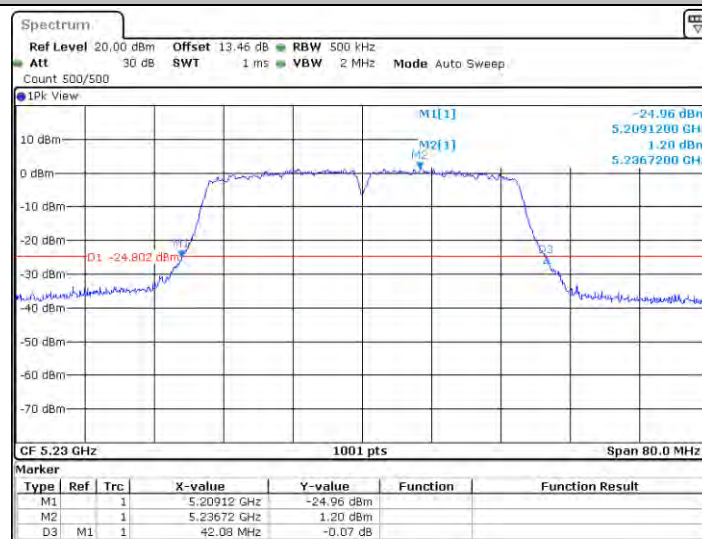
Date: 26 OCT.2020 17:53:31

### 11N40SISO\_Ant1\_5230



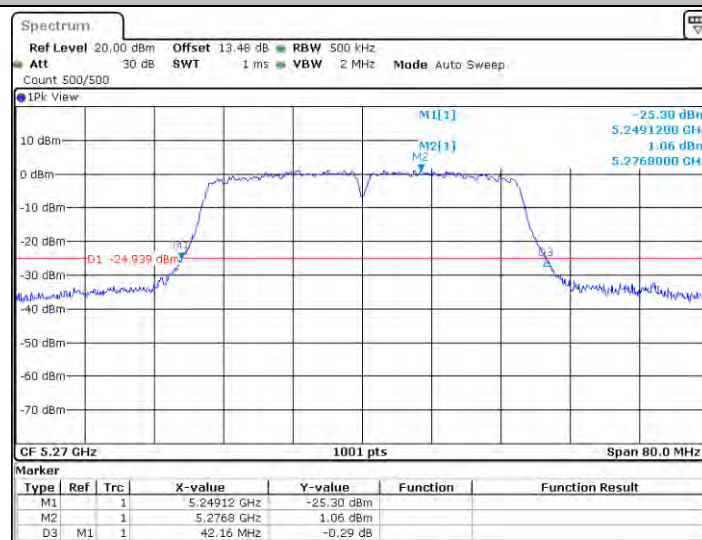
Date: 26.OCT.2020 10:47:19

## 11N40SISO\_Ant2\_5230



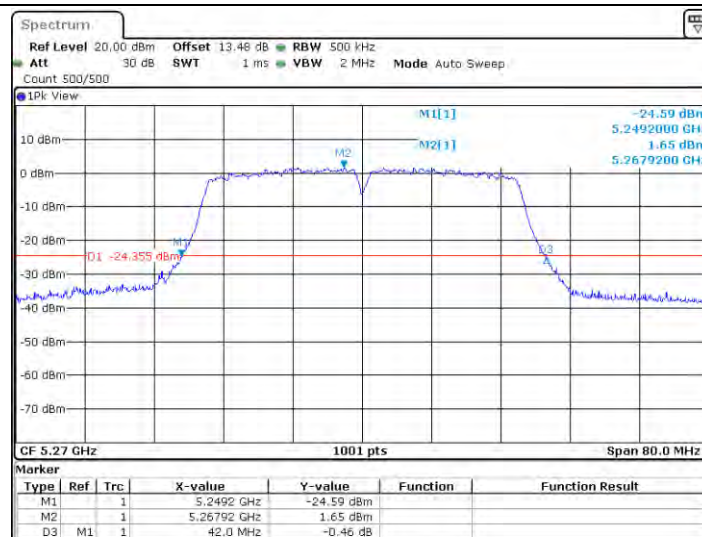
Date: 26.OCT.2020 17:58:37

## 11N40SISO\_Ant1\_5270



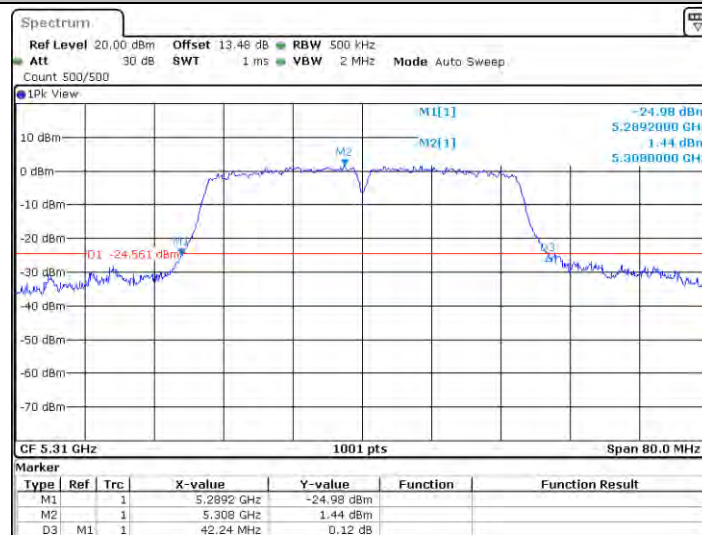
Date: 26.OCT.2020 10:50:30

## 11N40SISO\_Ant2\_5270



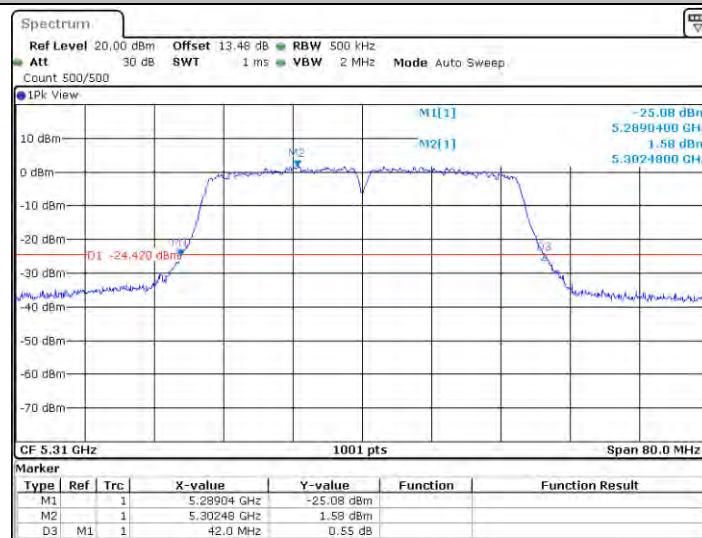
Date: 26 OCT.2020 18:05:43

## 11N40SISO\_Ant1\_5310



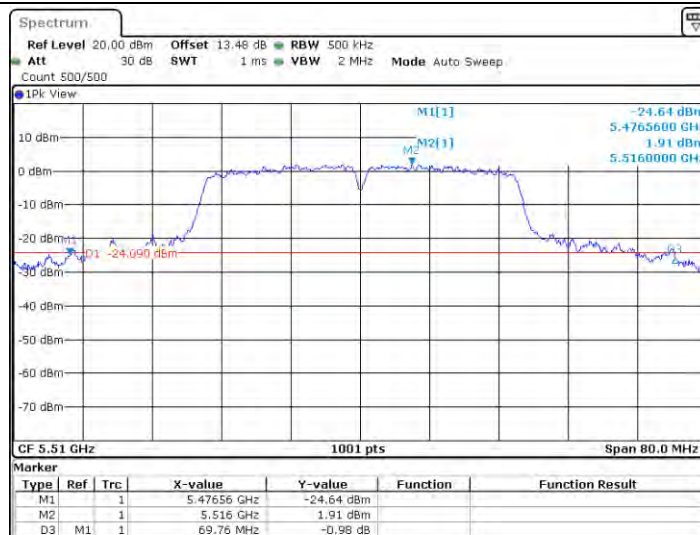
Date: 26 OCT.2020 10:53:09

## 11N40SISO\_Ant2\_5310



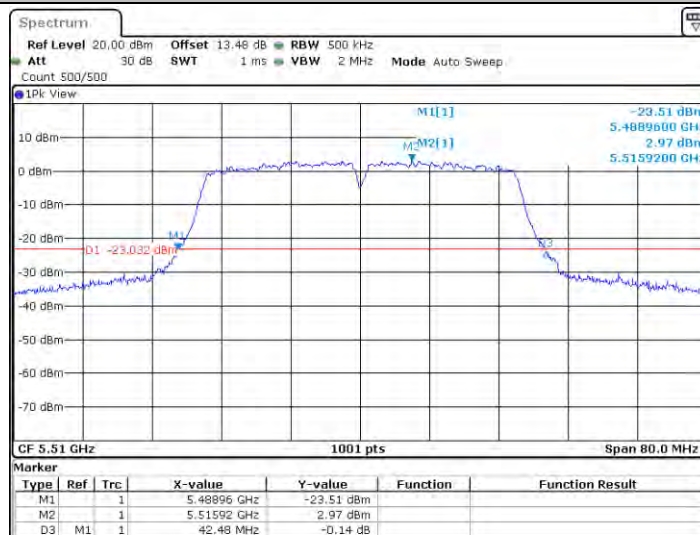
Date: 26 OCT.2020 18:11:53

## 11N40SISO\_Ant1\_5510



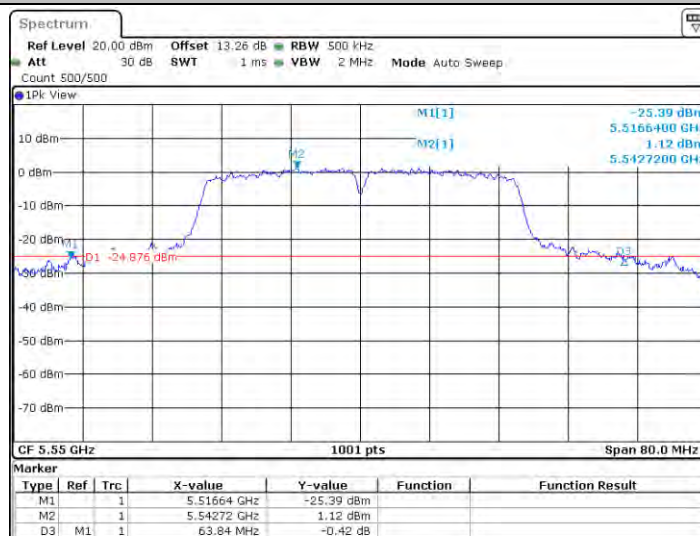
Date: 26.OCT.2020 10:58:24

### 11N40SISO\_Ant2\_5510



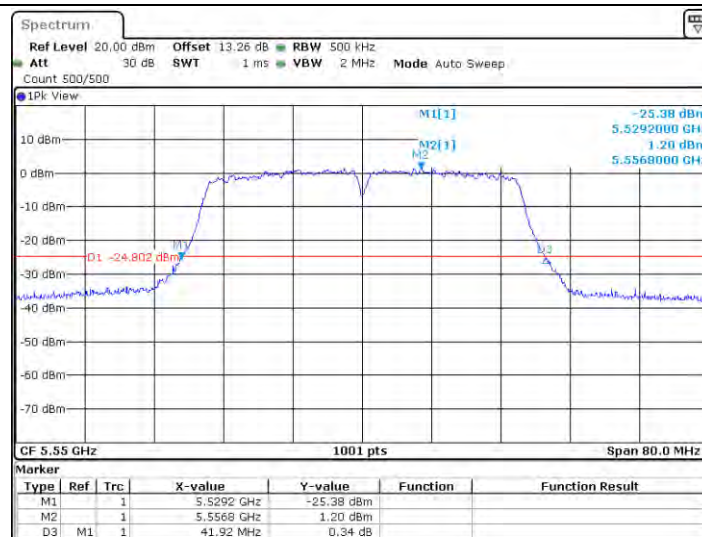
Date: 26.OCT.2020 18:18:09

### 11N40SISO\_Ant1\_5550



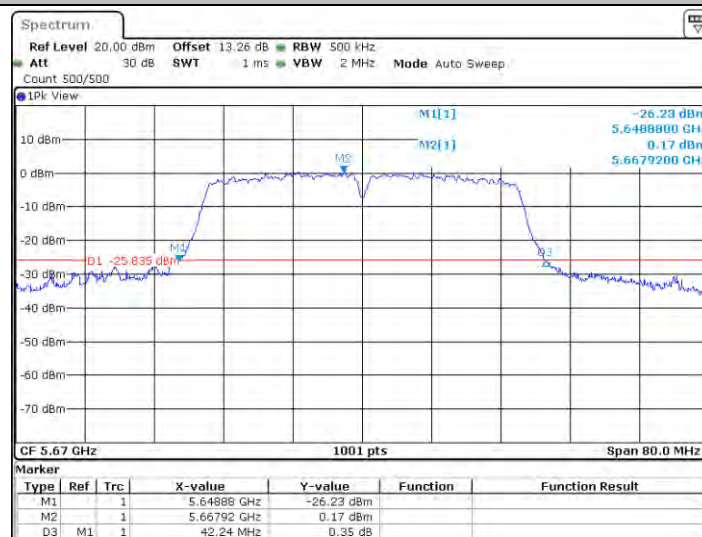
Date: 26.OCT.2020 11:07:18

### 11N40SISO\_Ant2\_5550



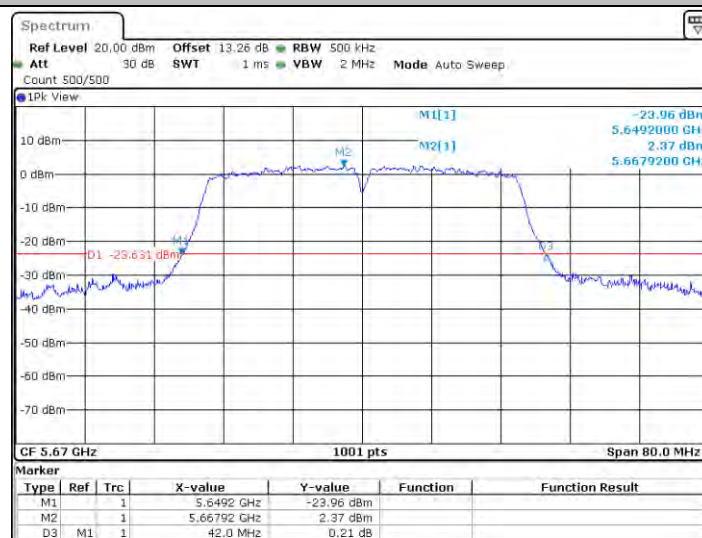
Date: 26 OCT.2020 18:26:42

## 11N40SISO\_Ant1\_5670



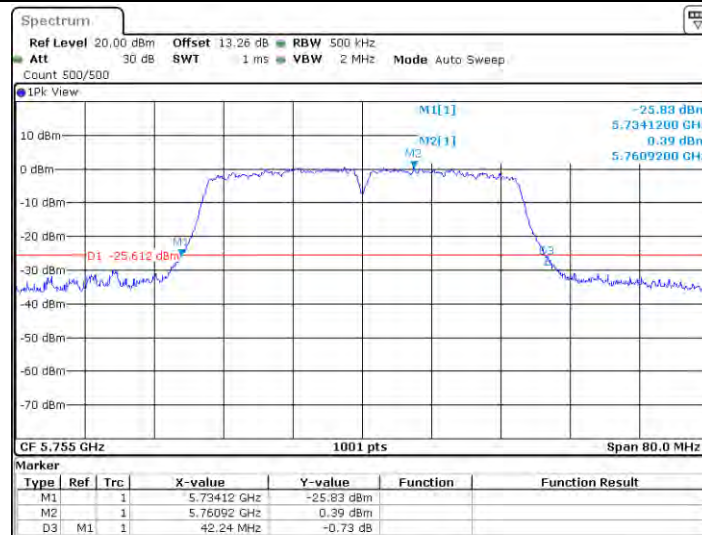
Date: 26 OCT.2020 11:14:40

## 11N40SISO\_Ant2\_5670



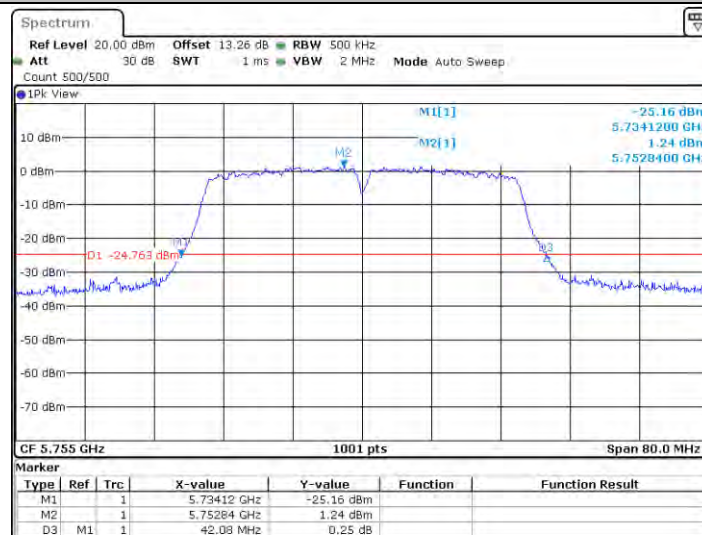
Date: 26 OCT.2020 18:42:37

## 11N40SISO\_Ant1\_5755



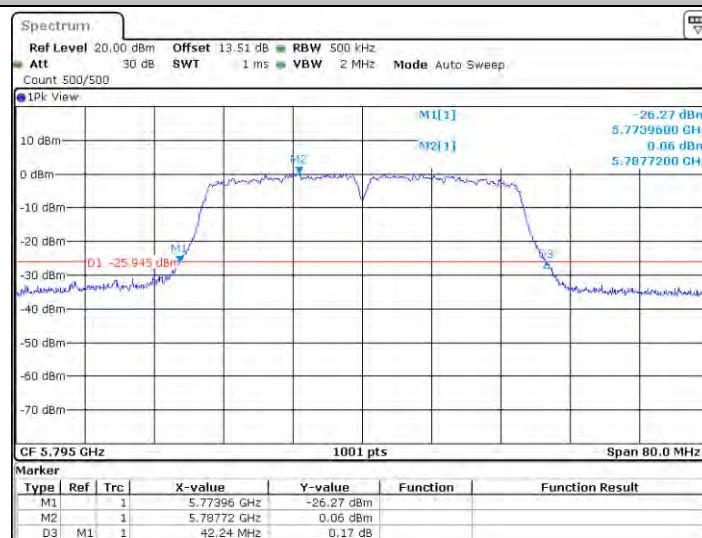
Date: 26.OCT.2020 11:17:44

## 11N40SISO\_Ant2\_5755



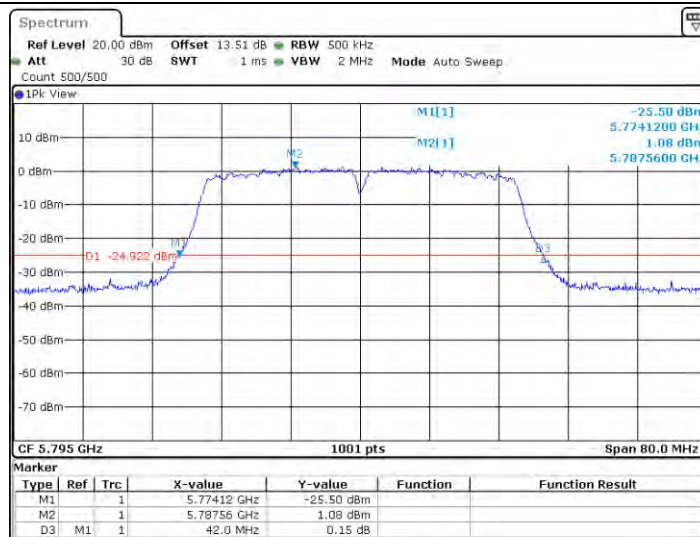
Date: 26.OCT.2020 18:51:29

## 11N40SISO\_Ant1\_5795



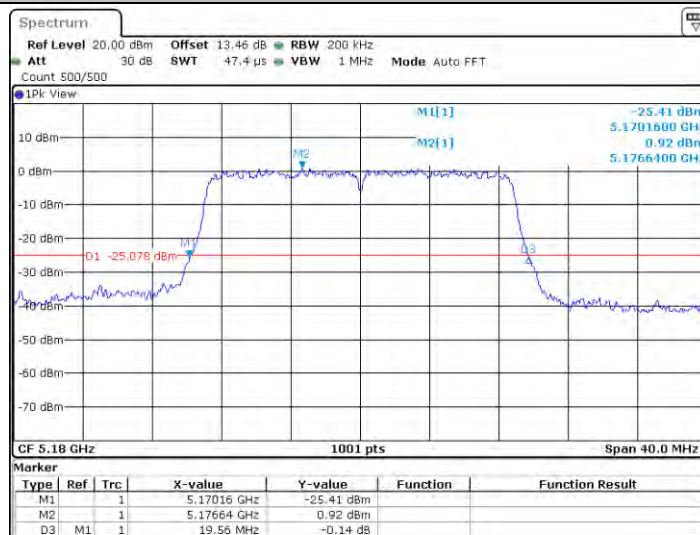
Date: 26.OCT.2020 11:20:46

## 11N40SISO\_Ant2\_5795



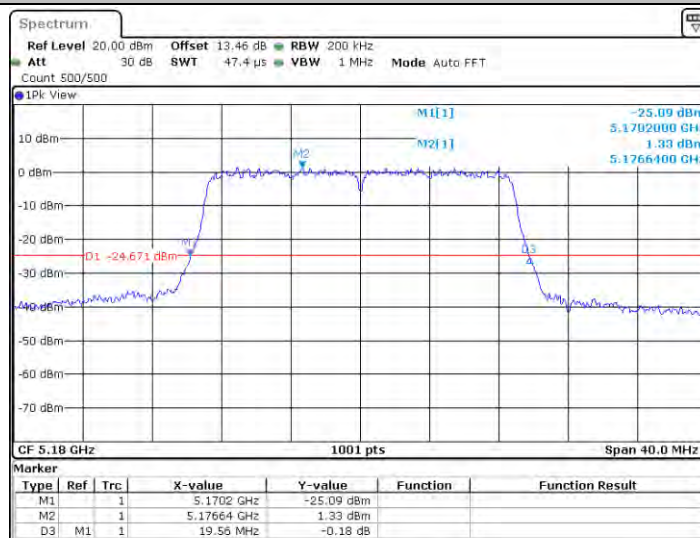
Date: 26 OCT.2020 18:57:52

## 11AC20SISO\_Ant1\_5180



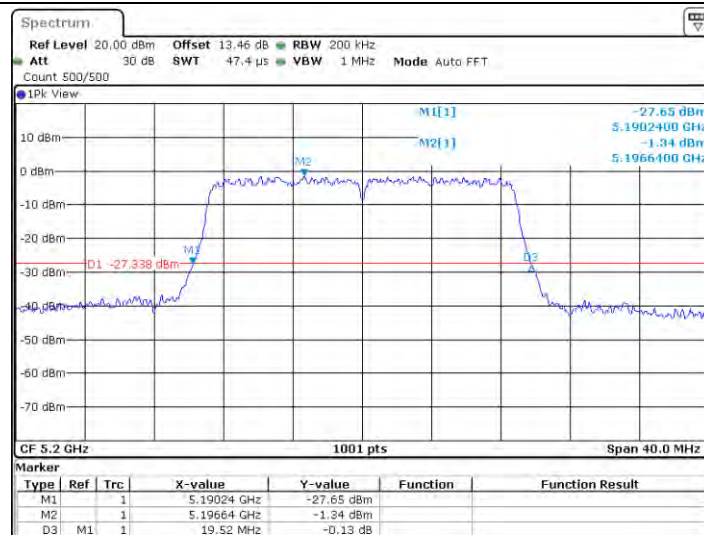
Date: 26 OCT.2020 11:29:09

## 11AC20SISO\_Ant2\_5180



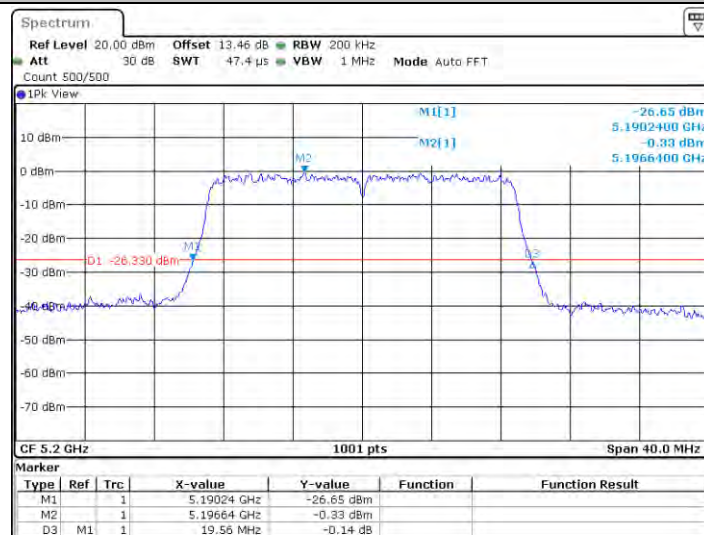
Date: 26 OCT.2020 19:04:30

## 11AC20SISO\_Ant1\_5200



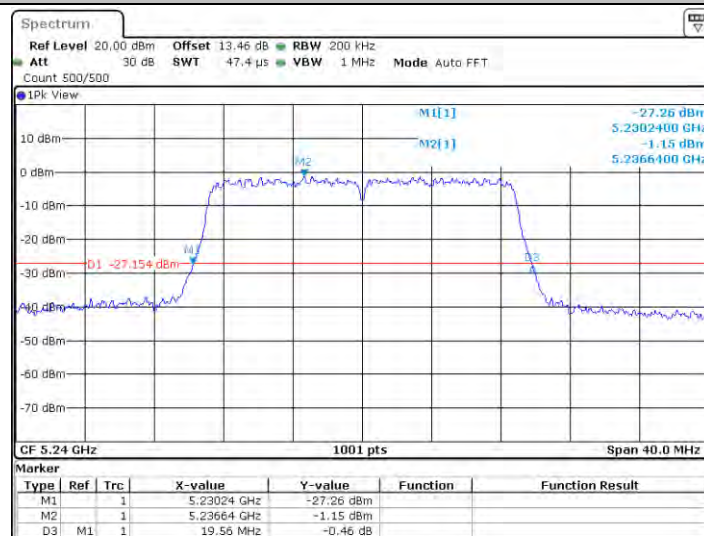
Date: 26 OCT.2020 11:32:56

### 11AC20SISO\_Ant2\_5200



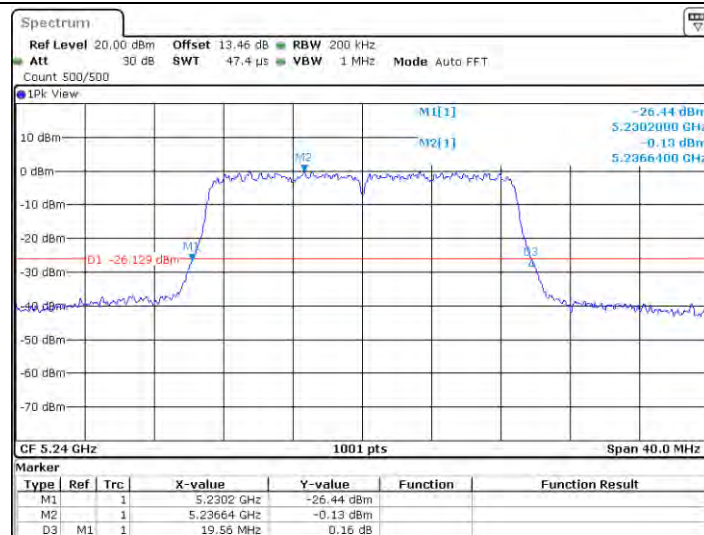
Date: 26 OCT.2020 19:13:48

### 11AC20SISO\_Ant1\_5240



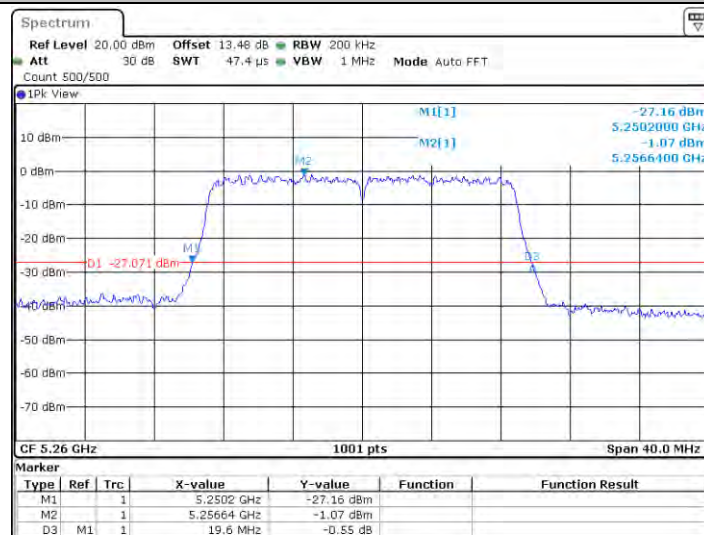
Date: 26 OCT.2020 11:35:36

### 11AC20SISO\_Ant2\_5240



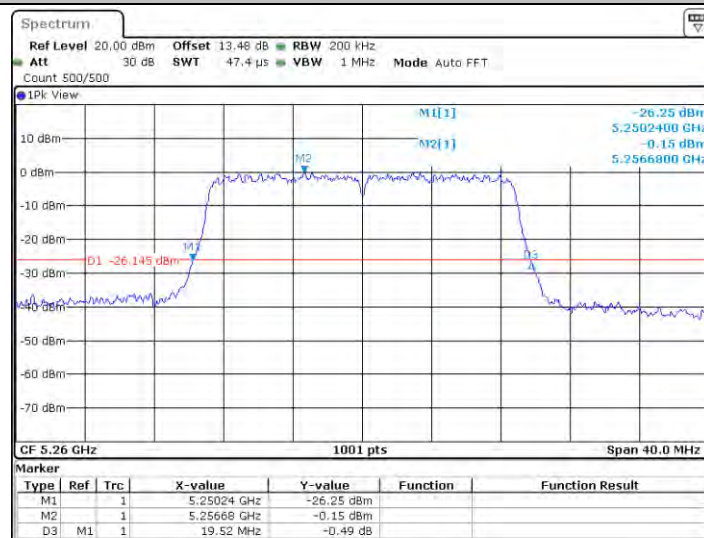
Date: 26 OCT.2020 19:20:10

## 11AC20SISO\_Ant1\_5260



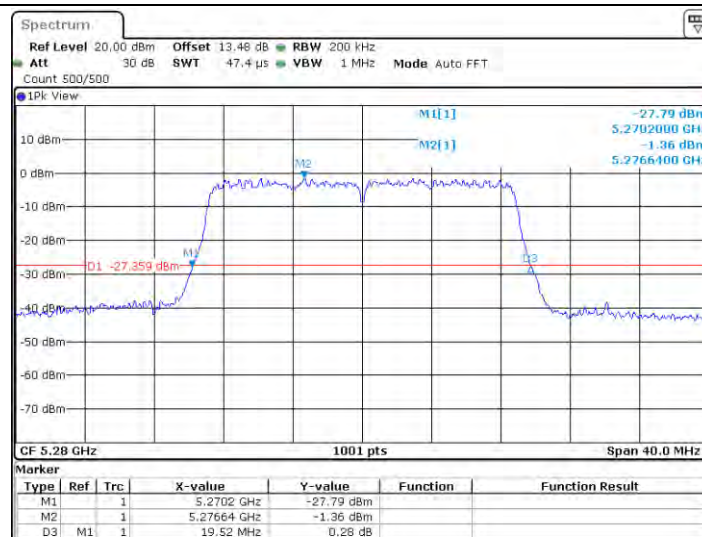
Date: 26 OCT.2020 11:58:35

## 11AC20SISO\_Ant2\_5260



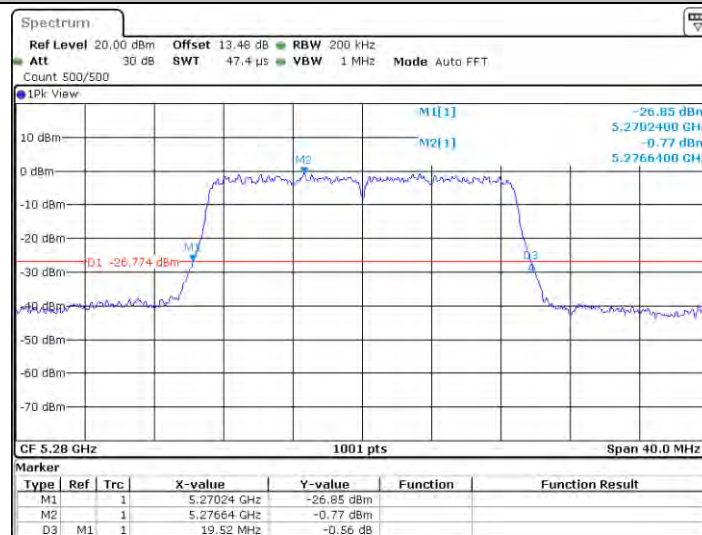
Date: 26 OCT.2020 19:26:05

## 11AC20SISO\_Ant1\_5280



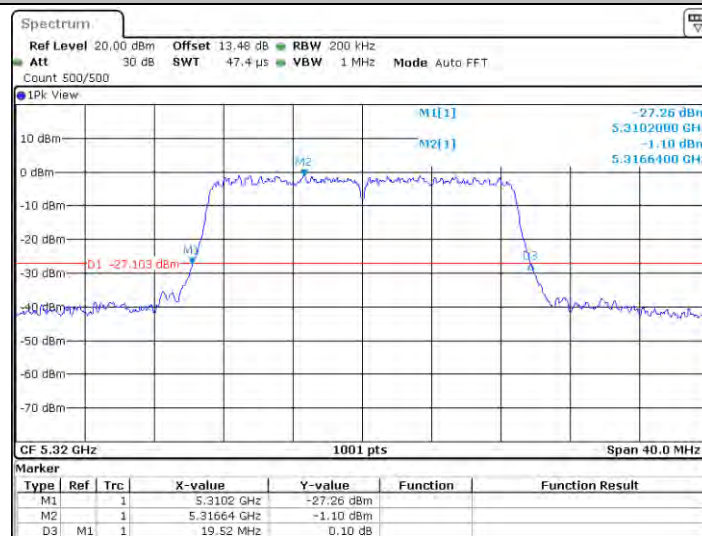
Date: 26 OCT.2020 12:00:39

11AC20SISO\_Ant2\_5280



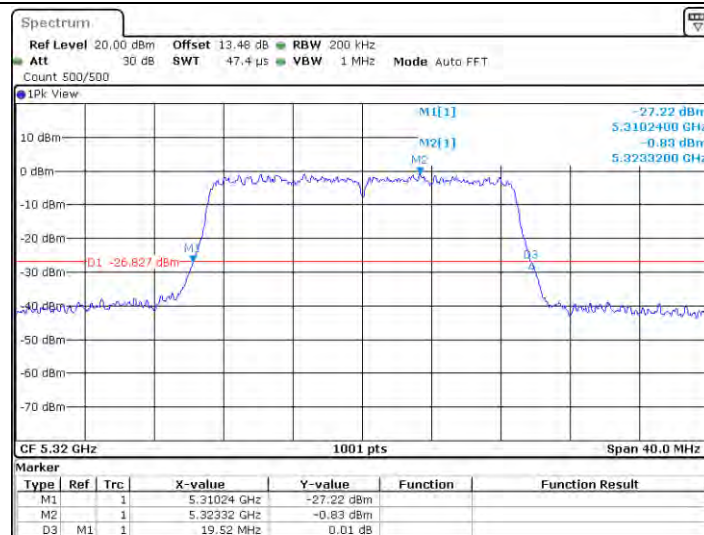
Date: 26 OCT.2020 19:32:10

11AC20SISO\_Ant1\_5320



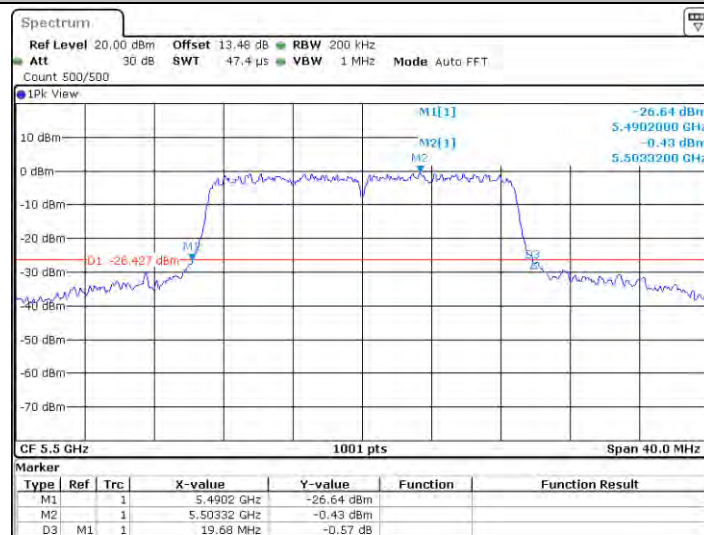
Date: 26 OCT.2020 12:38:36

11AC20SISO\_Ant2\_5320



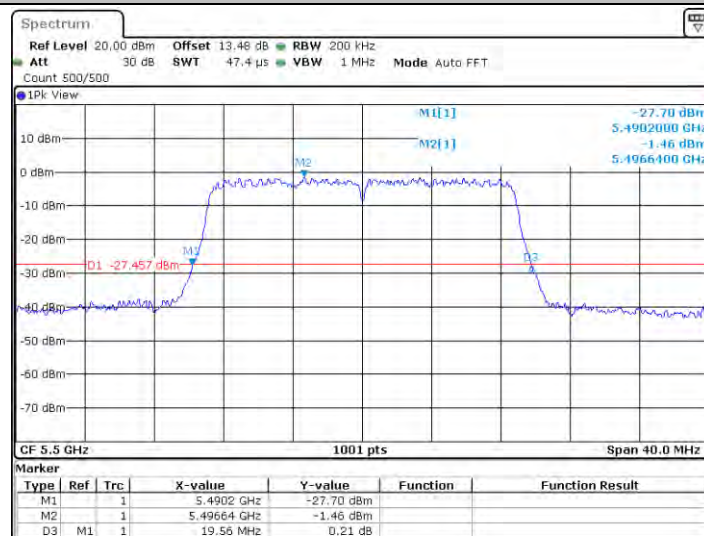
Date: 27 OCT.2020 08:39:42

## 11AC20SISO\_Ant1\_5500



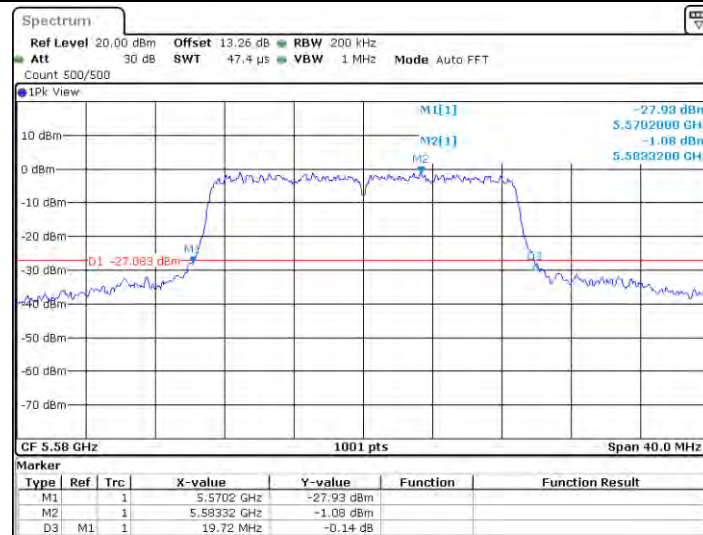
Date: 26 OCT.2020 12:42:16

## 11AC20SISO\_Ant2\_5500



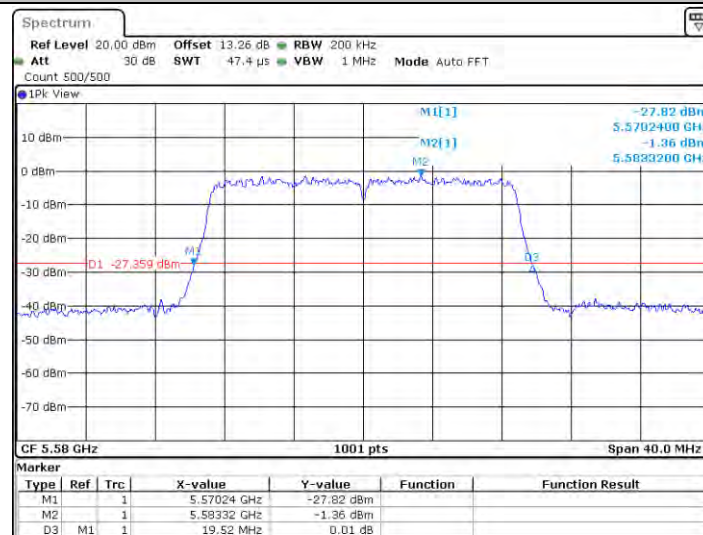
Date: 27 OCT.2020 08:45:56

## 11AC20SISO\_Ant1\_5580



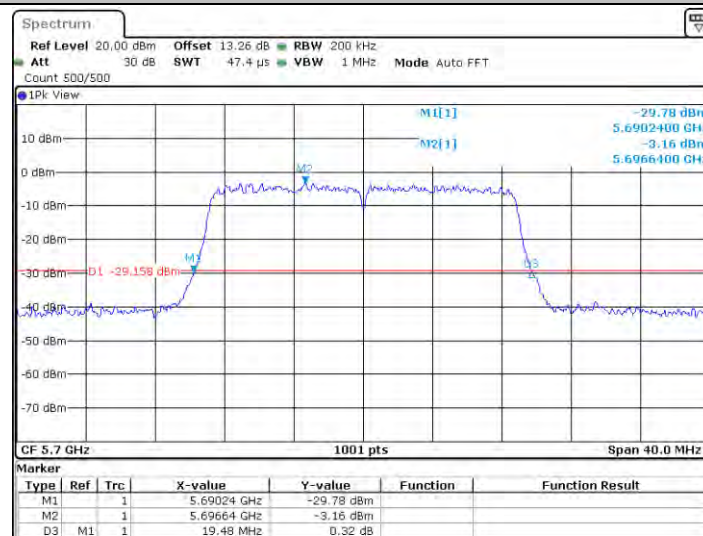
Date: 26 OCT.2020 12:45:23

### 11AC20SISO\_Ant2\_5580



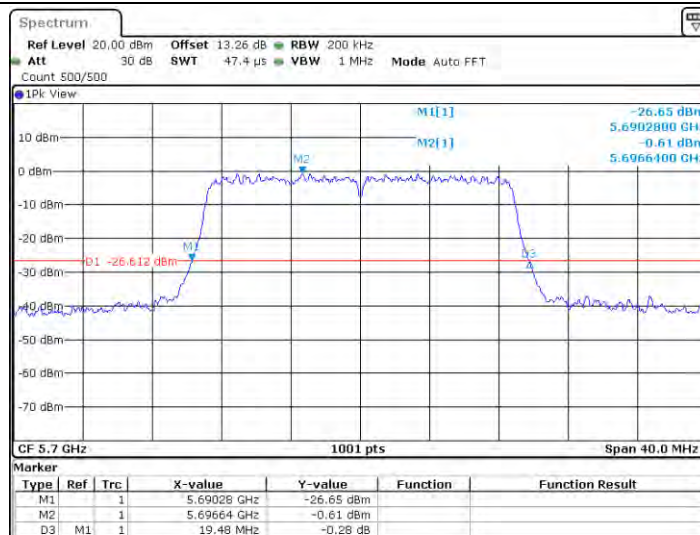
Date: 27 OCT.2020 08:51:51

### 11AC20SISO\_Ant1\_5700



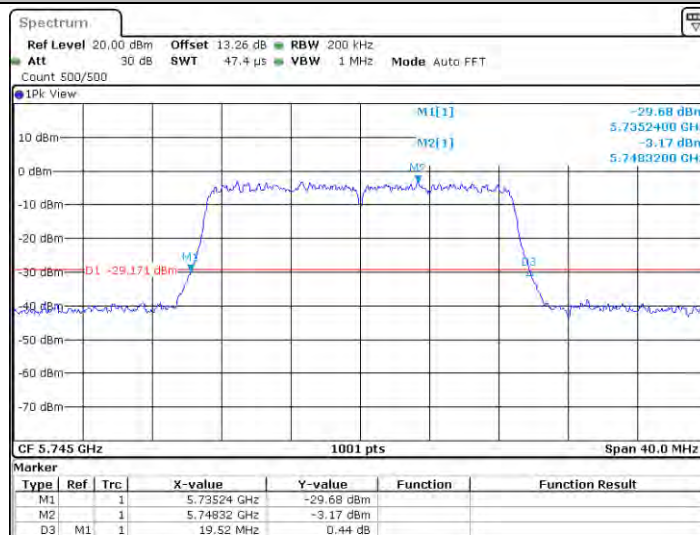
Date: 26 OCT.2020 12:48:00

### 11AC20SISO\_Ant2\_5700



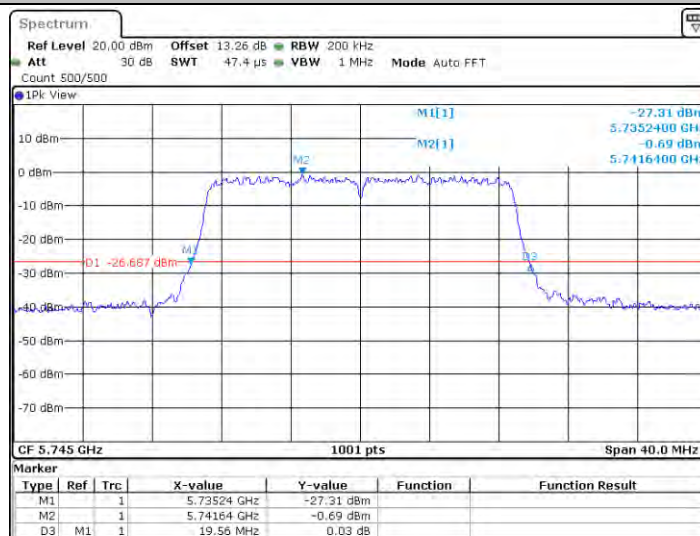
Date: 27 OCT.2020 08:57:36

### 11AC20SISO\_Ant1\_5745



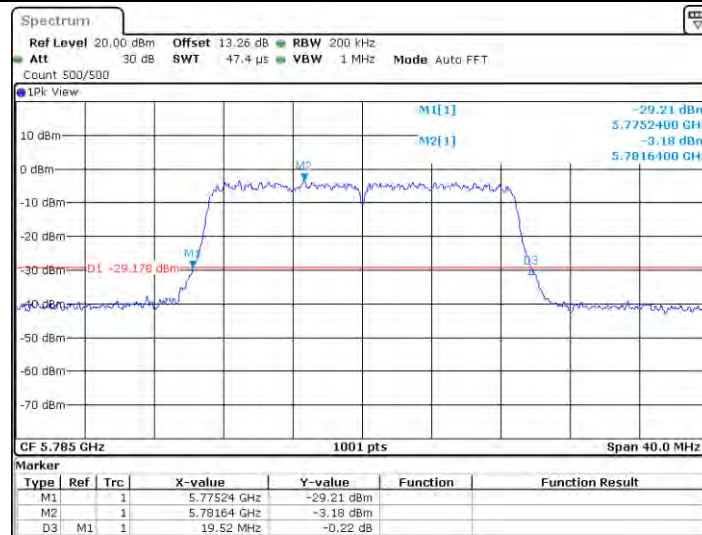
Date: 26 OCT.2020 12:51:01

### 11AC20SISO\_Ant2\_5745



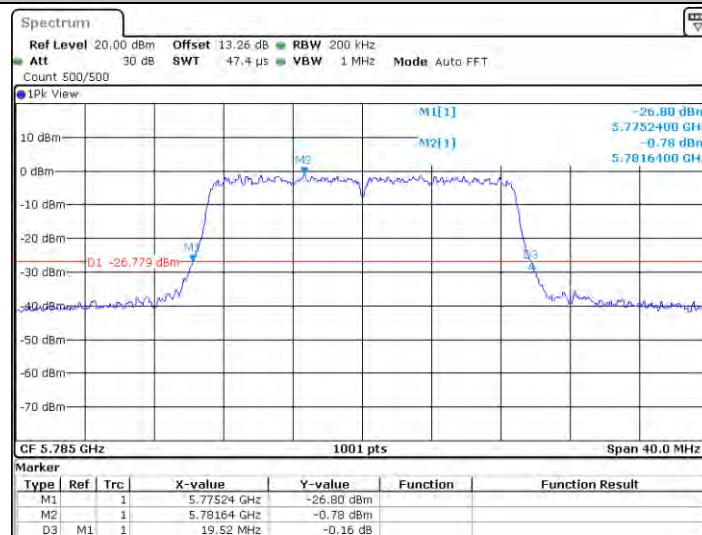
Date: 27 OCT.2020 09:03:19

### 11AC20SISO\_Ant1\_5785



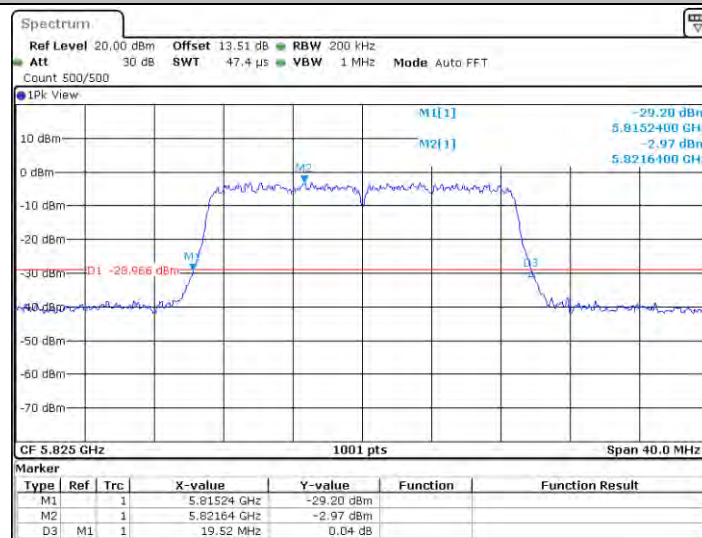
Date: 26 OCT.2020 12:54:16

## 11AC20SISO\_Ant2\_5785



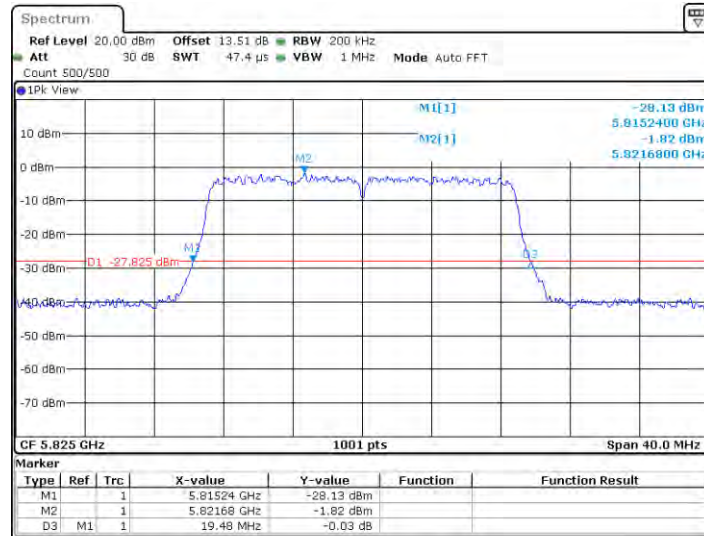
Date: 27 OCT.2020 09:09:53

## 11AC20SISO\_Ant1\_5825



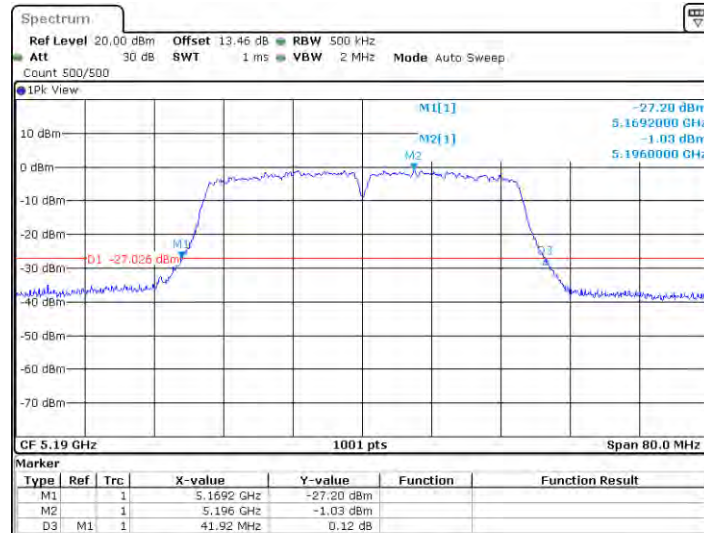
Date: 26 OCT.2020 12:57:28

## 11AC20SISO\_Ant2\_5825



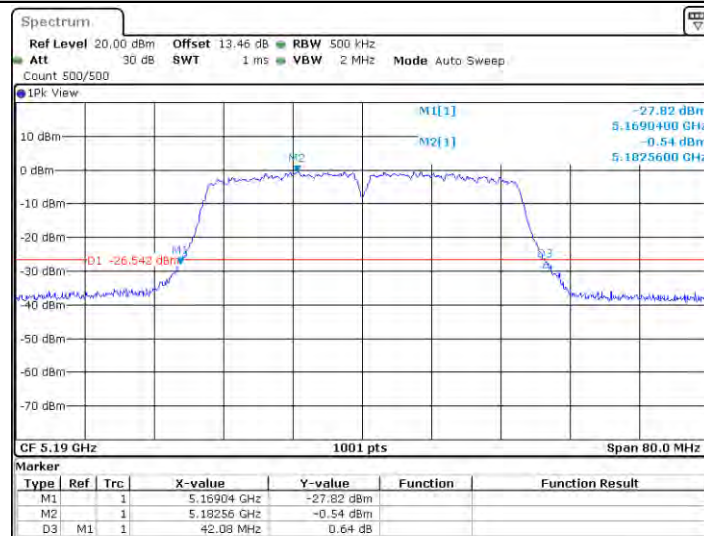
Date: 27 OCT.2020 09:15:58

### 11AC40SISO\_Ant1\_5190



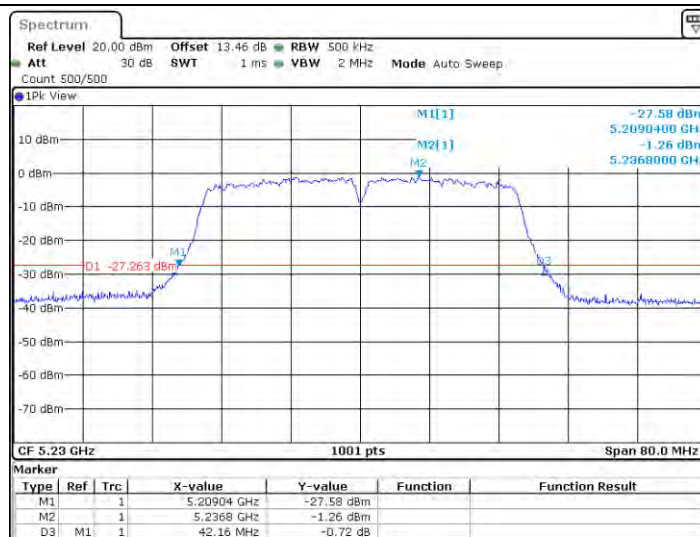
Date: 26 OCT.2020 13:01:34

### 11AC40SISO\_Ant2\_5190



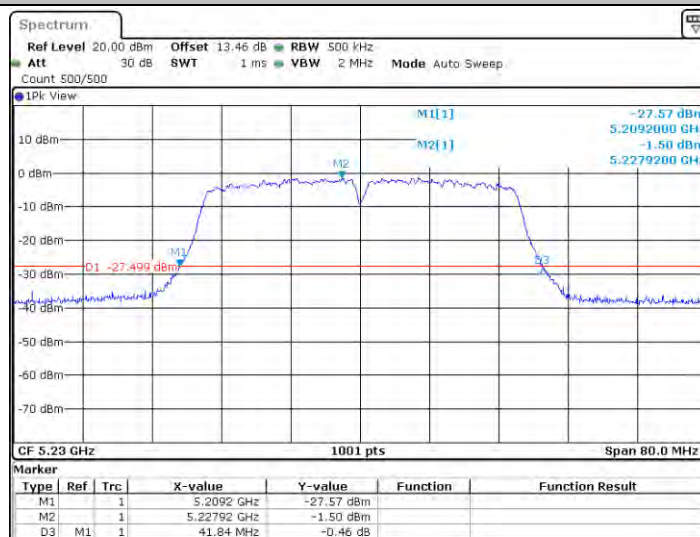
Date: 27 OCT.2020 09:22:25

### 11AC40SISO\_Ant1\_5230



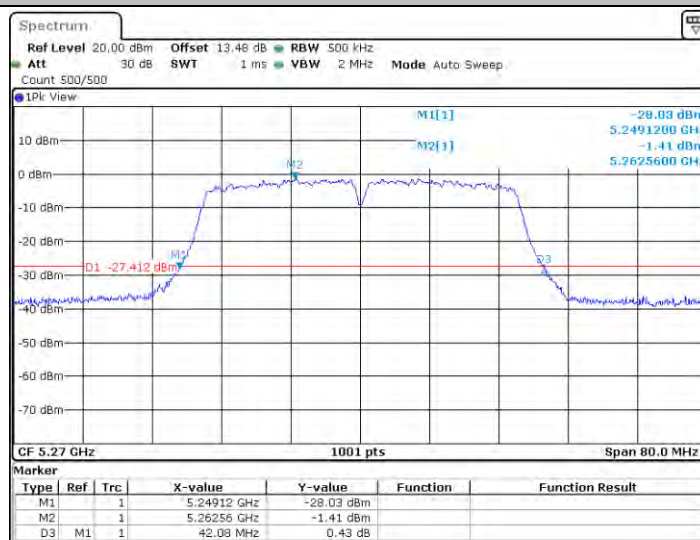
Date: 26 OCT.2020 13:07:39

### 11AC40SISO\_Ant2\_5230



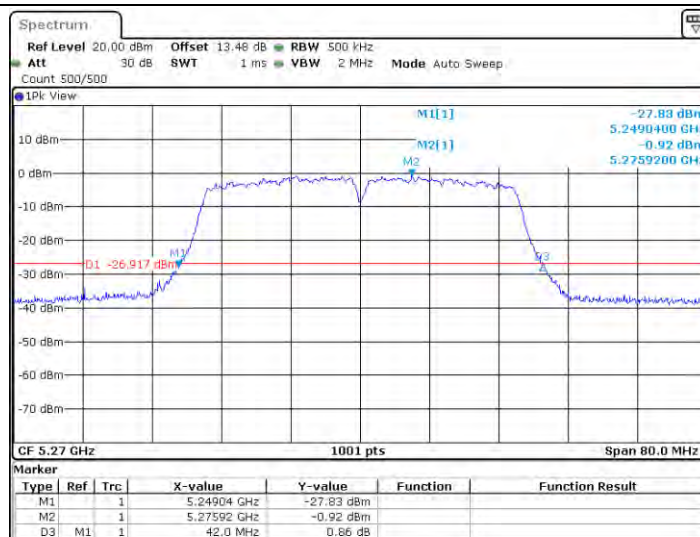
Date: 27 OCT.2020 09:28:15

### 11AC40SISO\_Ant1\_5270



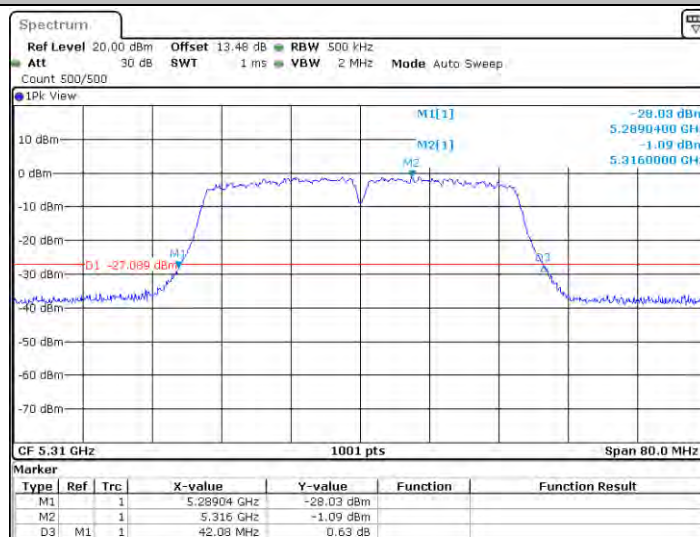
Date: 26 OCT.2020 13:13:27

### 11AC40SISO\_Ant2\_5270



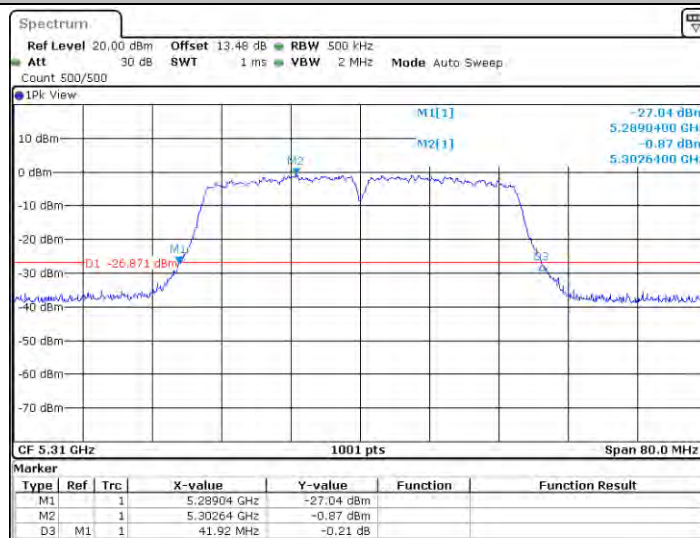
Date: 27 OCT.2020 09:34:06

### 11AC40SISO\_Ant1\_5310



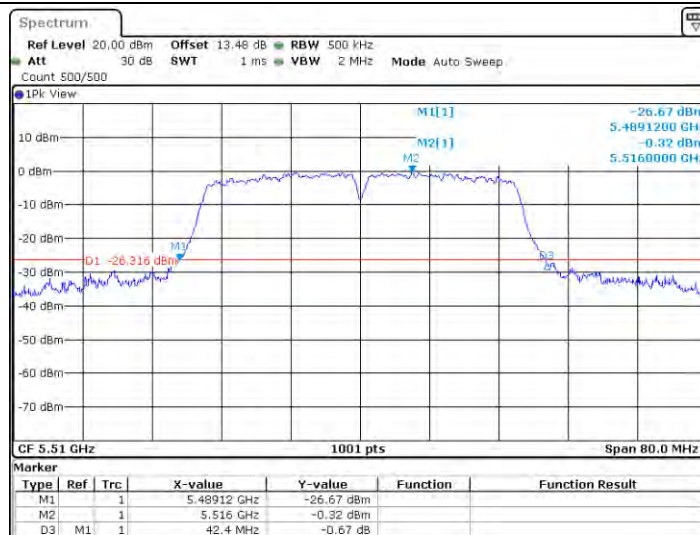
Date: 26 OCT.2020 13:18:26

### 11AC40SISO\_Ant2\_5310



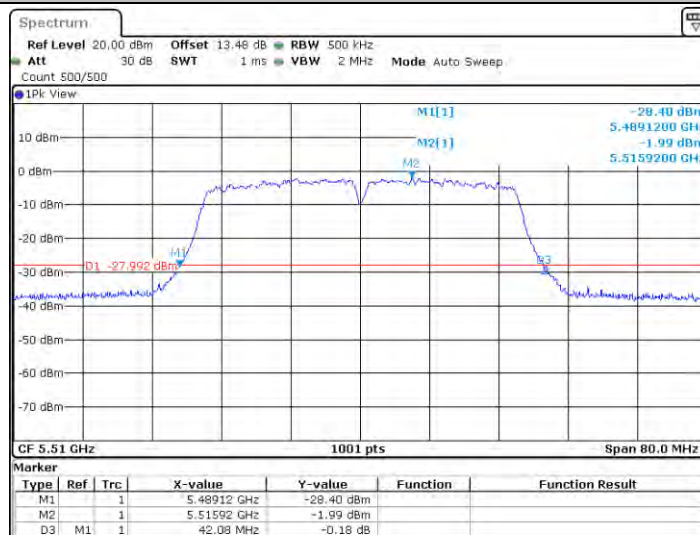
Date: 27 OCT.2020 09:39:50

### 11AC40SISO\_Ant1\_5510



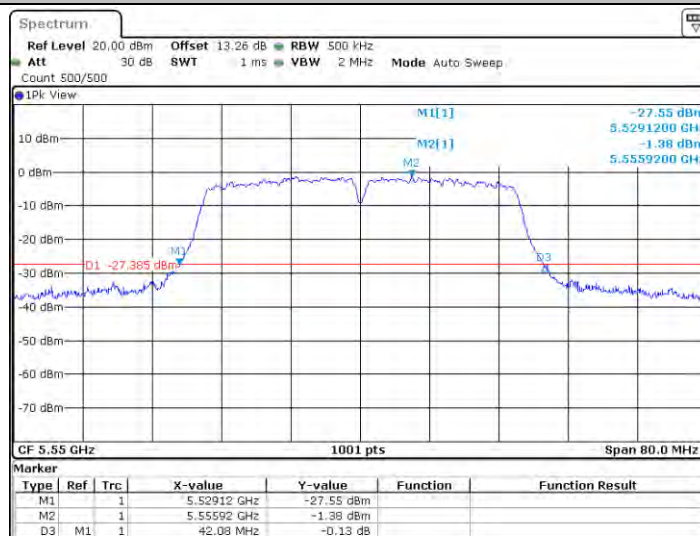
Date: 26 OCT.2020 13:25:31

### 11AC40SISO\_Ant2\_5510



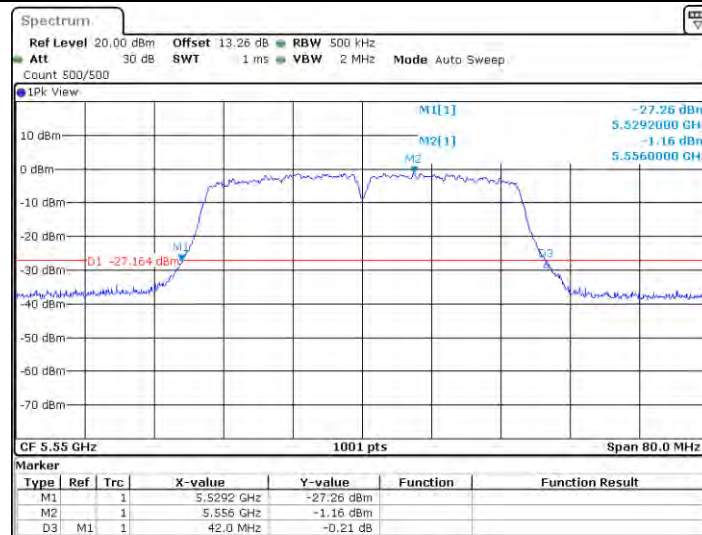
Date: 27 OCT.2020 09:45:54

### 11AC40SISO\_Ant1\_5550



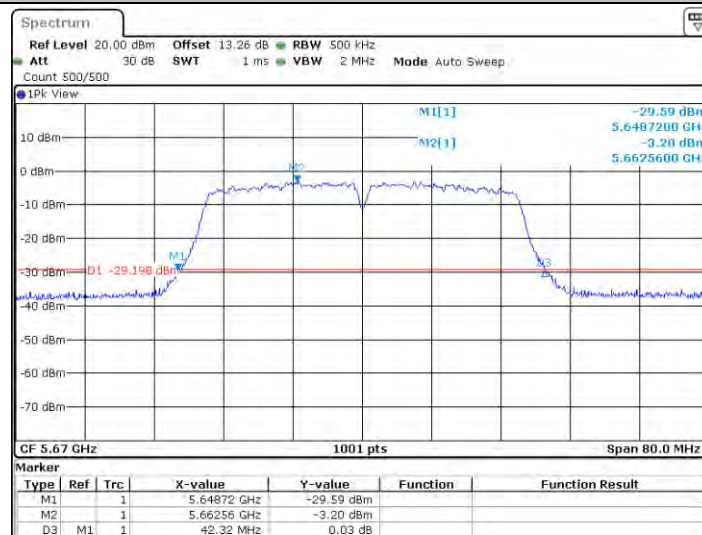
Date: 26 OCT.2020 13:32:31

### 11AC40SISO\_Ant2\_5550



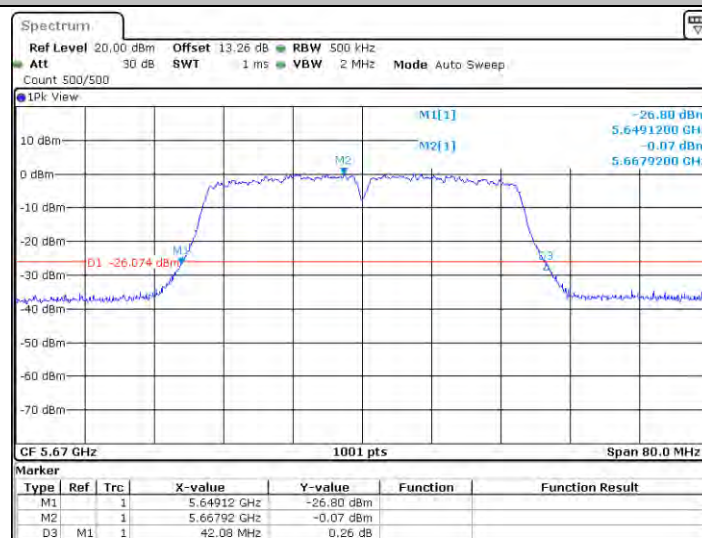
Date: 27 OCT.2020 09:51:57

## 11AC40SISO\_Ant1\_5670



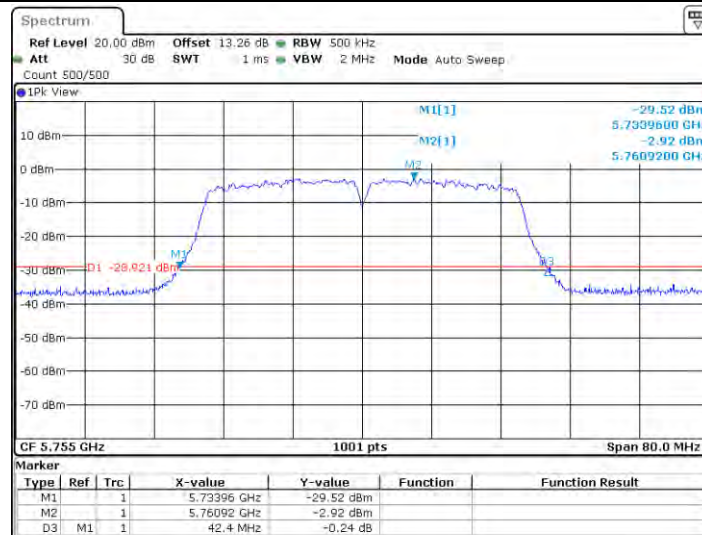
Date: 26 OCT.2020 13:39:58

## 11AC40SISO\_Ant2\_5670



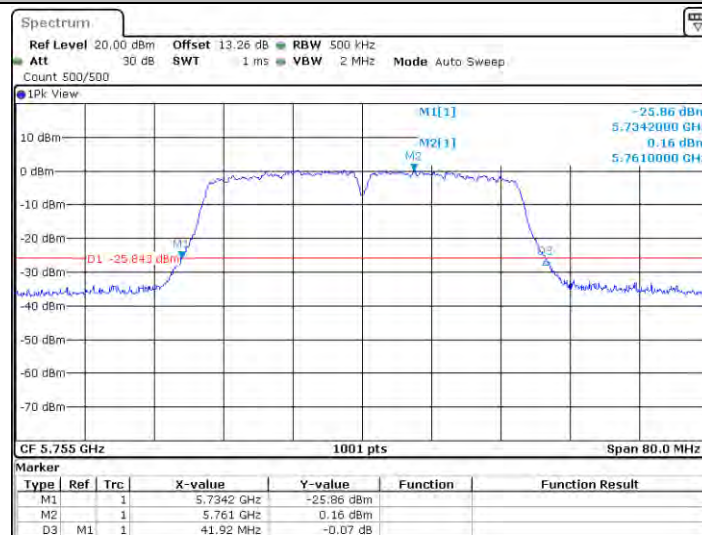
Date: 27 OCT.2020 09:57:43

## 11AC40SISO\_Ant1\_5755



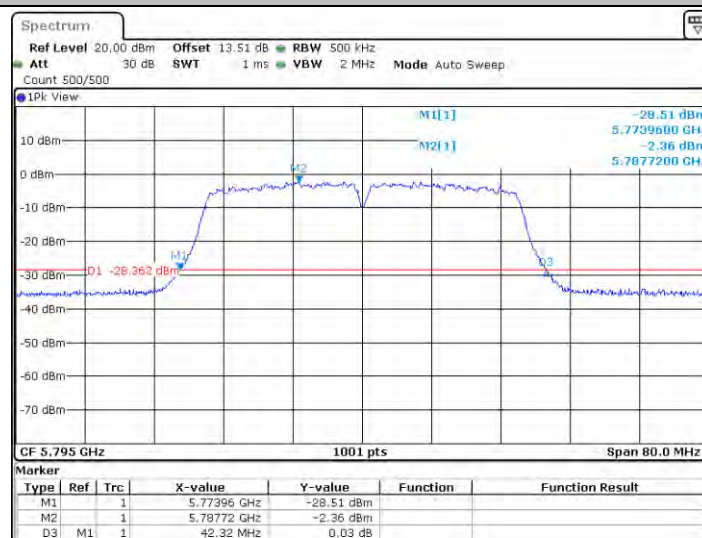
Date: 26 OCT.2020 13:46:45

### 11AC40SISO\_Ant2\_5755



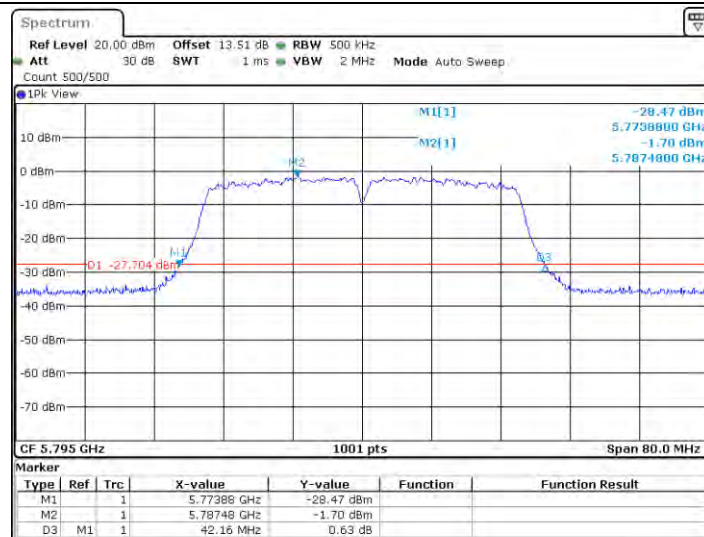
Date: 27 OCT.2020 10:03:28

### 11AC40SISO\_Ant1\_5795



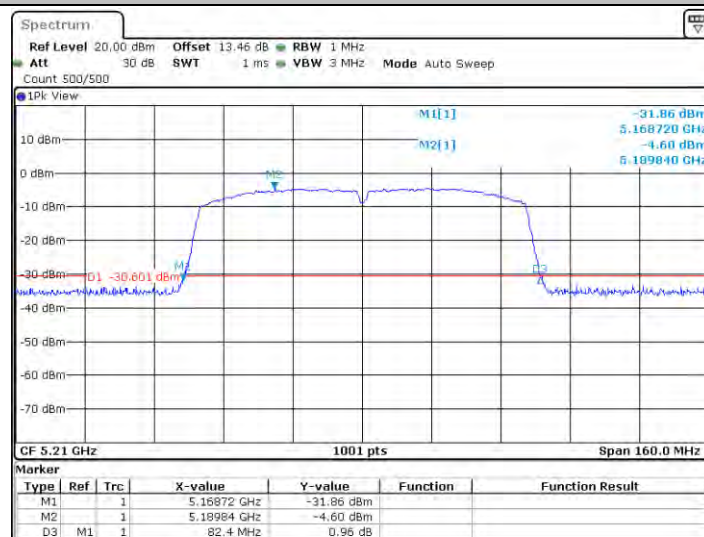
Date: 26 OCT.2020 13:56:31

### 11AC40SISO\_Ant2\_5795



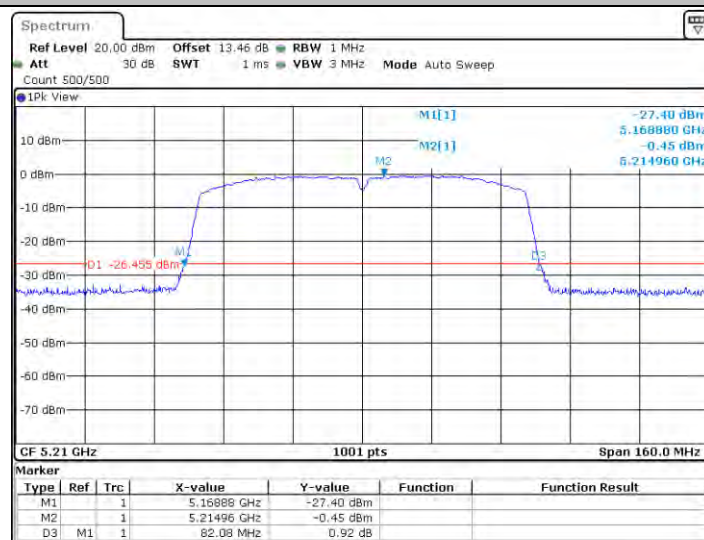
Date: 27 OCT.2020 10:18:06

### 11AC80SISO\_Ant1\_5210



Date: 26 OCT.2020 14:03:06

### 11AC80SISO\_Ant2\_5210



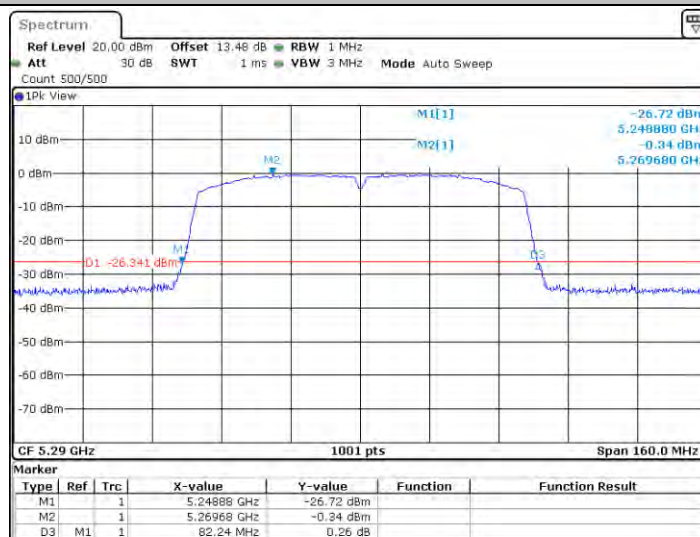
Date: 27 OCT.2020 10:19:41

### 11AC80SISO\_Ant1\_5290



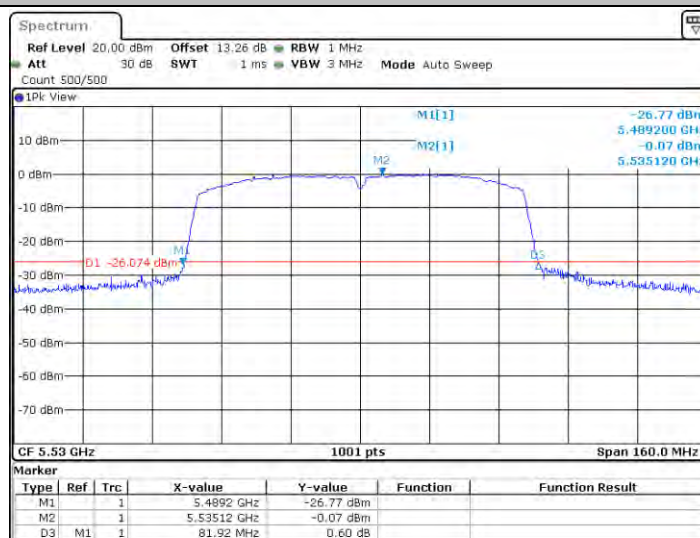
Date: 26 OCT.2020 14:09:59

## 11AC80SISO\_Ant2\_5290



Date: 27 OCT.2020 10:25:53

## 11AC80SISO\_Ant1\_5530



Date: 26 OCT.2020 14:16:04

## 11AC80SISO\_Ant2\_5530



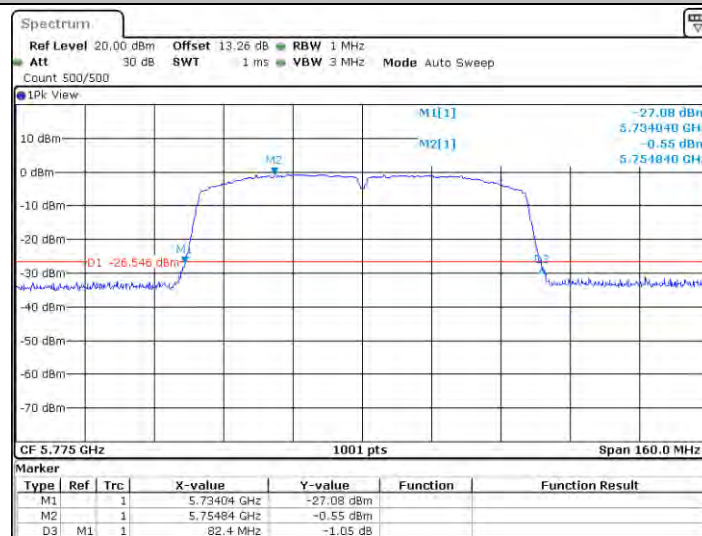
Date: 27 OCT.2020 10:32:00

### 11AC80SISO\_Ant1\_5775



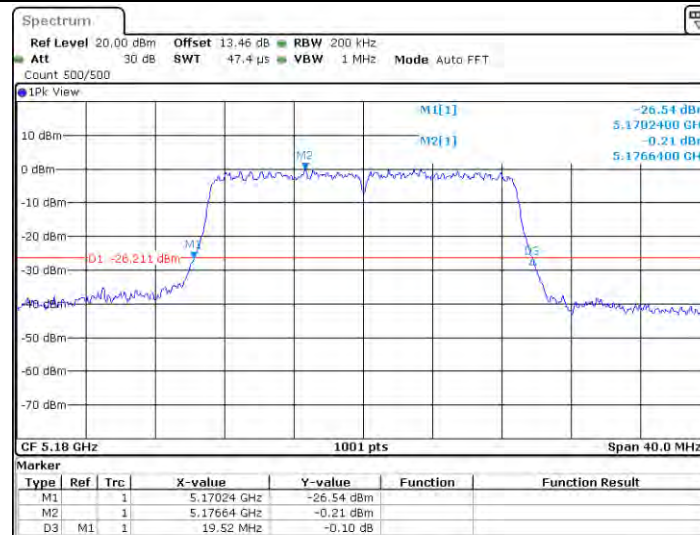
Date: 26 OCT.2020 14:28:13

### 11AC80SISO\_Ant2\_5775



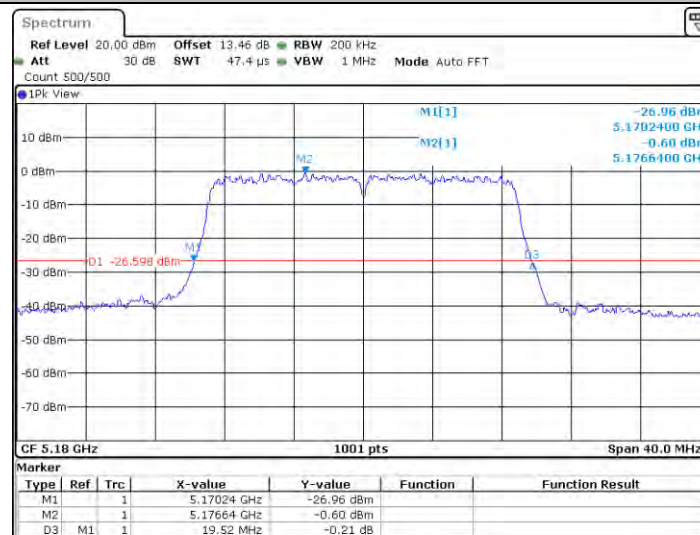
Date: 27 OCT.2020 10:51:52

### 11N20MIMO\_Ant1\_5180



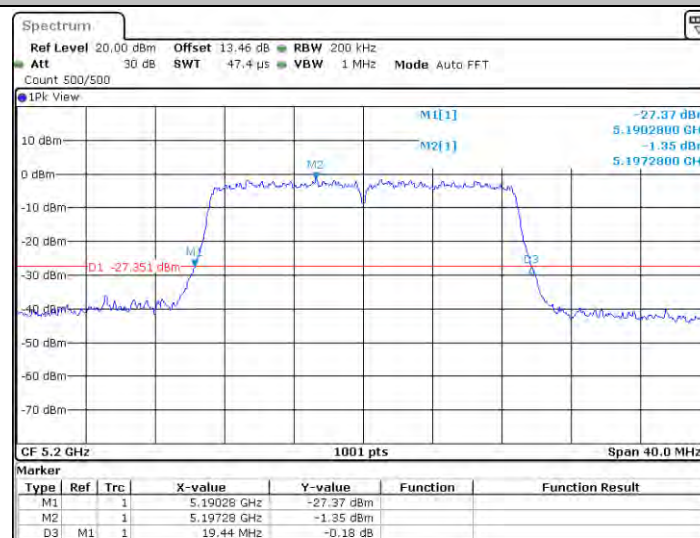
Date: 27 OCT.2020 11:12:12

### 11N20MIMO\_Ant2\_5180



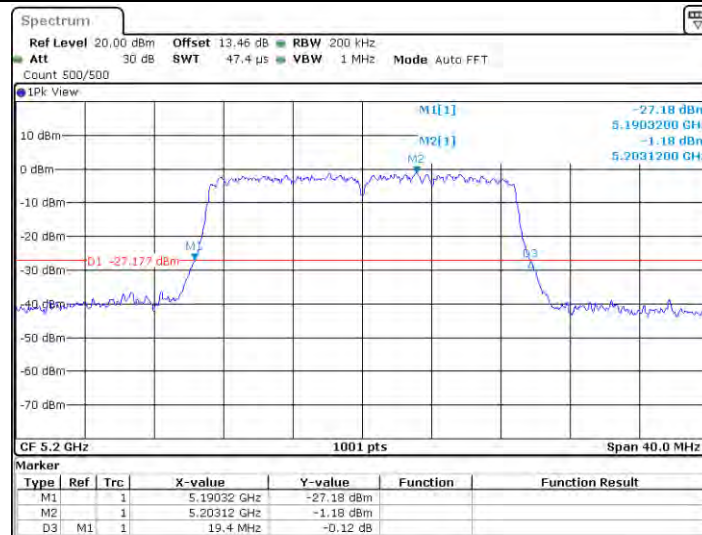
Date: 27 OCT.2020 11:14:06

### 11N20MIMO\_Ant1\_5200



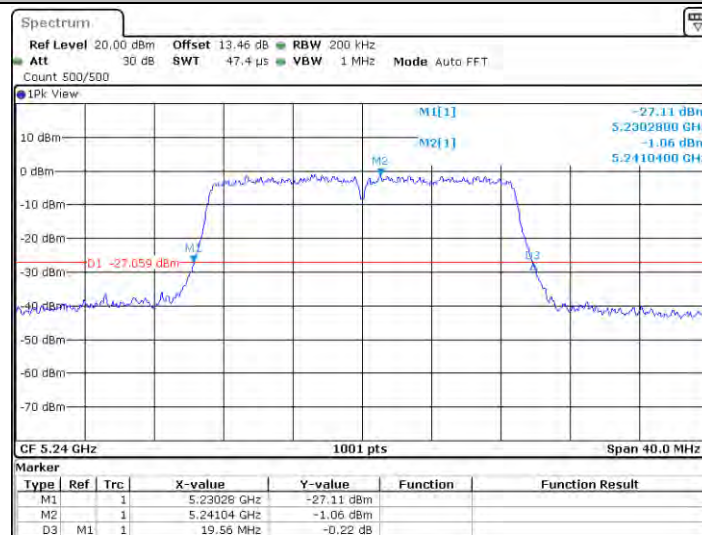
Date: 27 OCT.2020 14:48:35

### 11N20MIMO\_Ant2\_5200



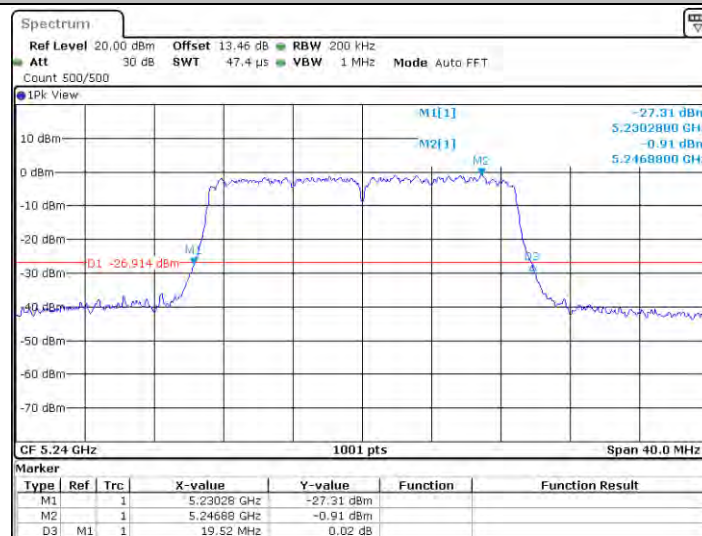
Date: 27 OCT.2020 14:50:47

## 11N20MIMO\_Ant1\_5240



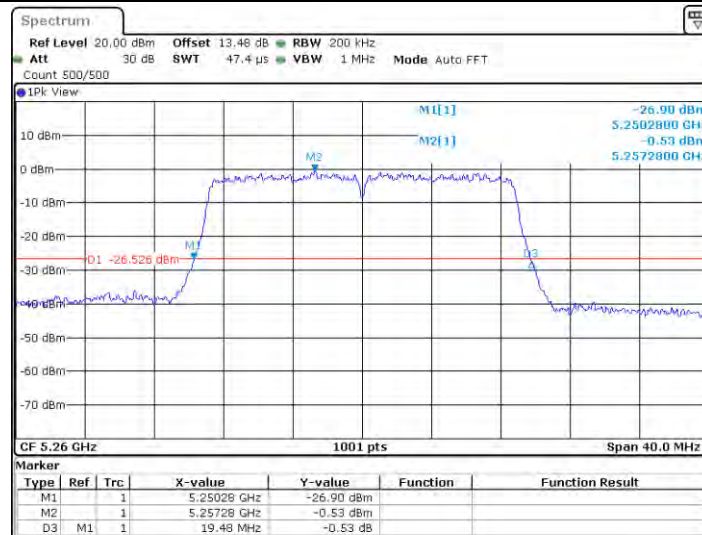
Date: 27 OCT.2020 14:53:05

## 11N20MIMO\_Ant2\_5240



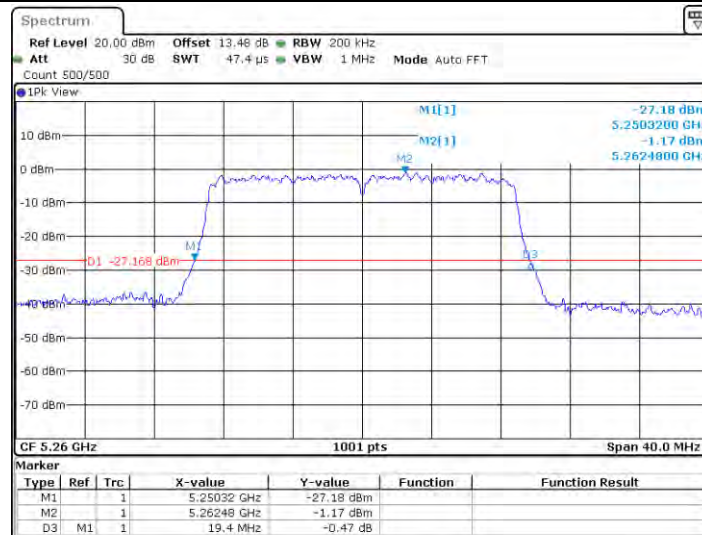
Date: 27 OCT.2020 14:55:30

## 11N20MIMO\_Ant1\_5260



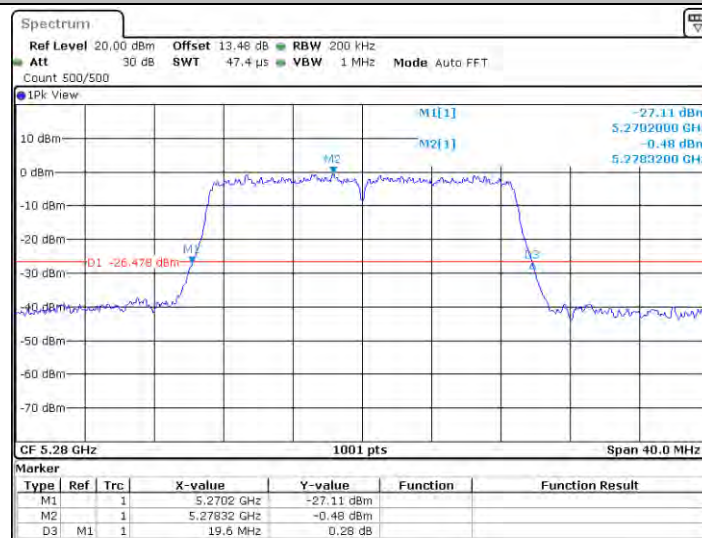
Date: 27 OCT.2020 14:58:53

### 11N20MIMO\_Ant2\_5260



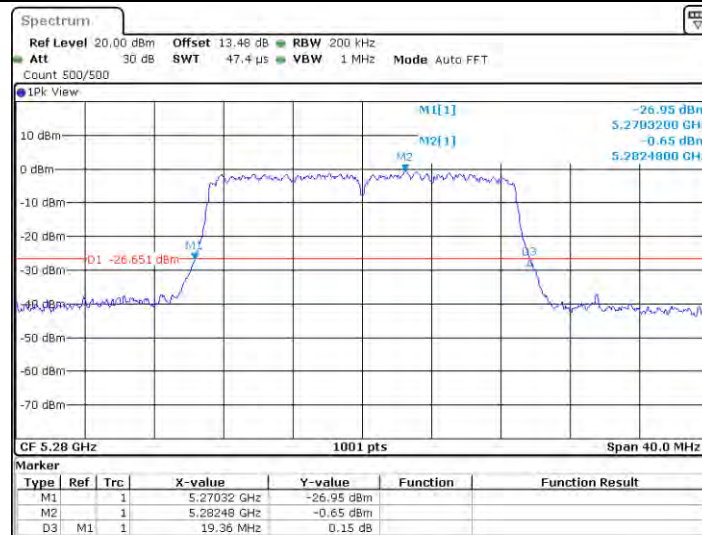
Date: 27 OCT.2020 15:00:50

### 11N20MIMO\_Ant1\_5280



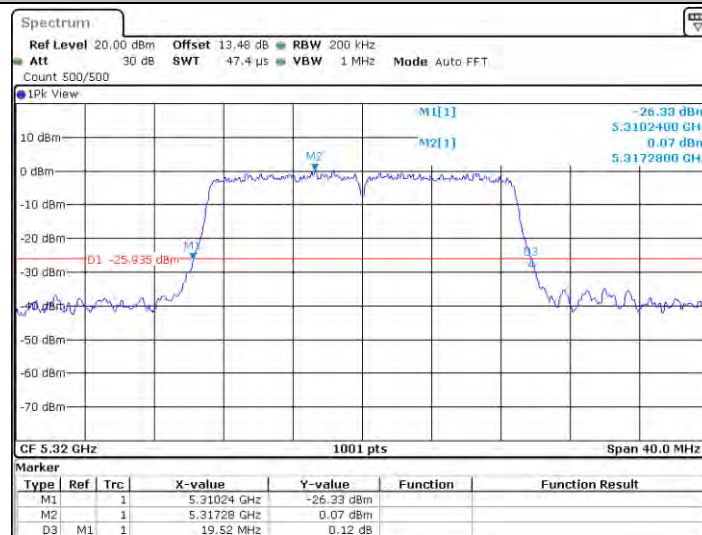
Date: 27 OCT.2020 15:03:08

### 11N20MIMO\_Ant2\_5280



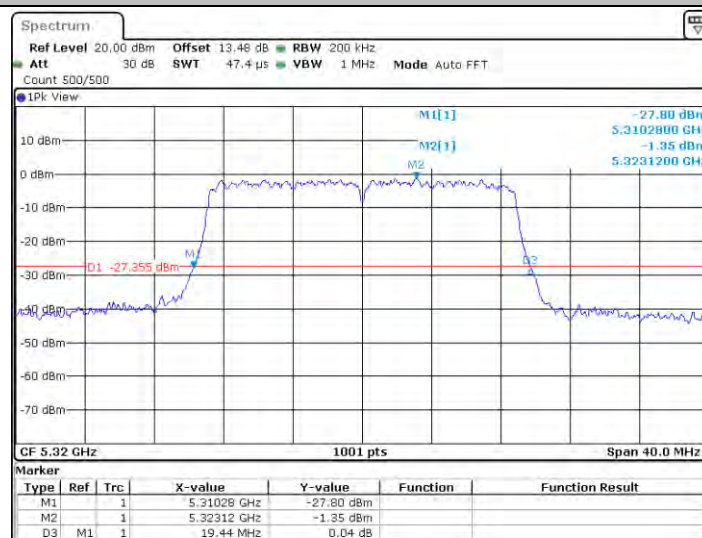
Date: 27 OCT.2020 15:05:00

## 11N20MIMO\_Ant1\_5320



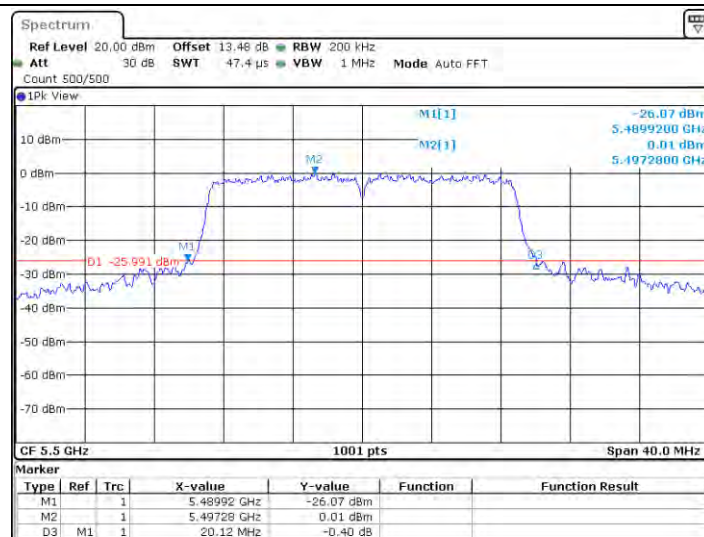
Date: 27 OCT.2020 15:07:15

## 11N20MIMO\_Ant2\_5320



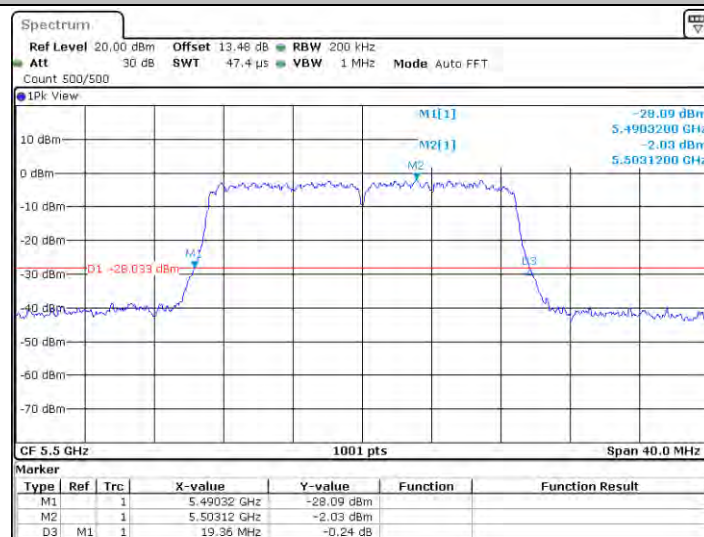
Date: 27 OCT.2020 15:09:08

## 11N20MIMO\_Ant1\_5500



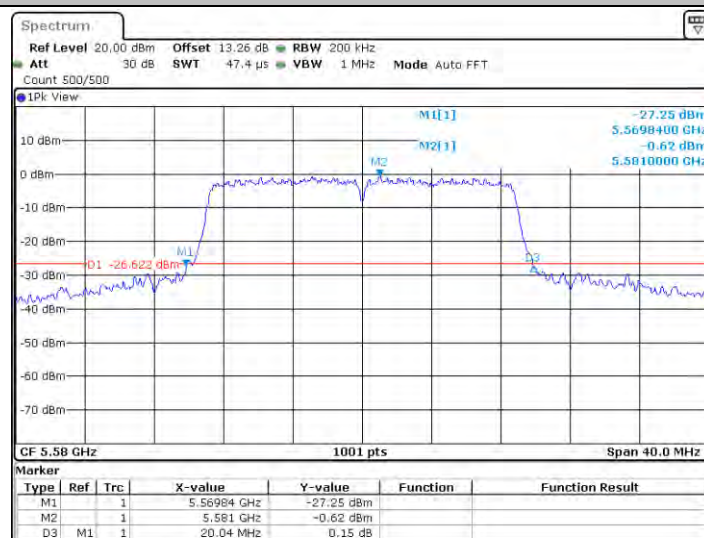
Date: 27 OCT.2020 15:11:52

## 11N20MIMO\_Ant2\_5500



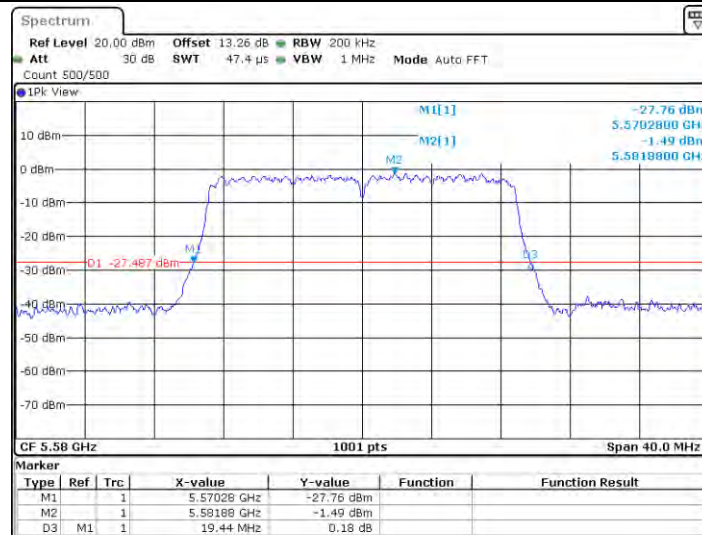
Date: 27 OCT.2020 15:13:44

## 11N20MIMO\_Ant1\_5580



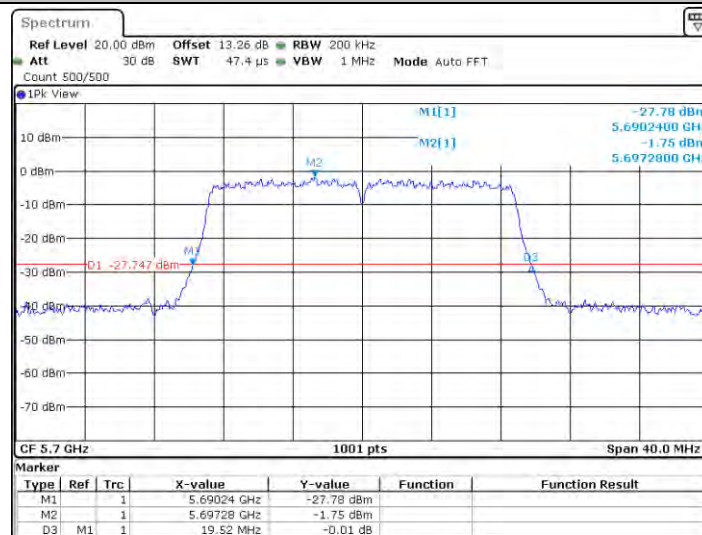
Date: 27 OCT.2020 15:16:16

## 11N20MIMO\_Ant2\_5580



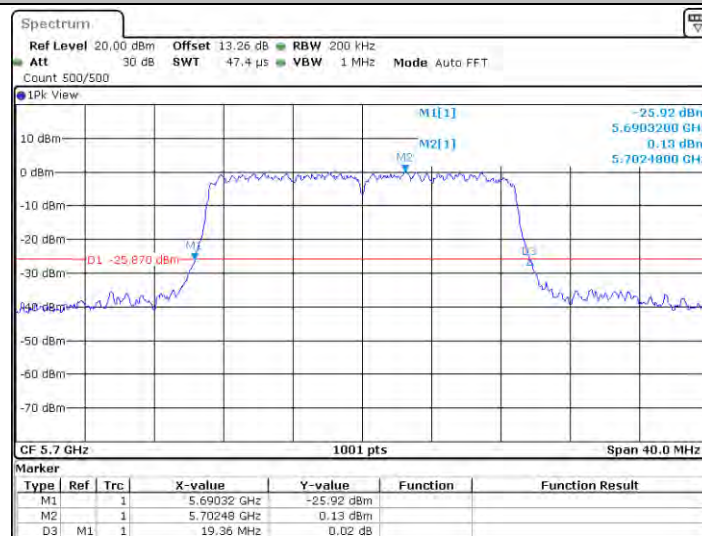
Date: 27 OCT.2020 15:18:51

### 11N20MIMO\_Ant1\_5700



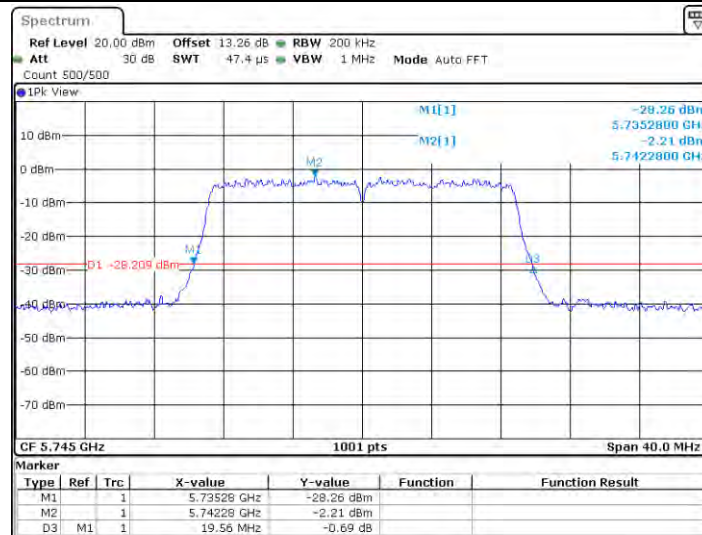
Date: 27 OCT.2020 15:21:19

### 11N20MIMO\_Ant2\_5700



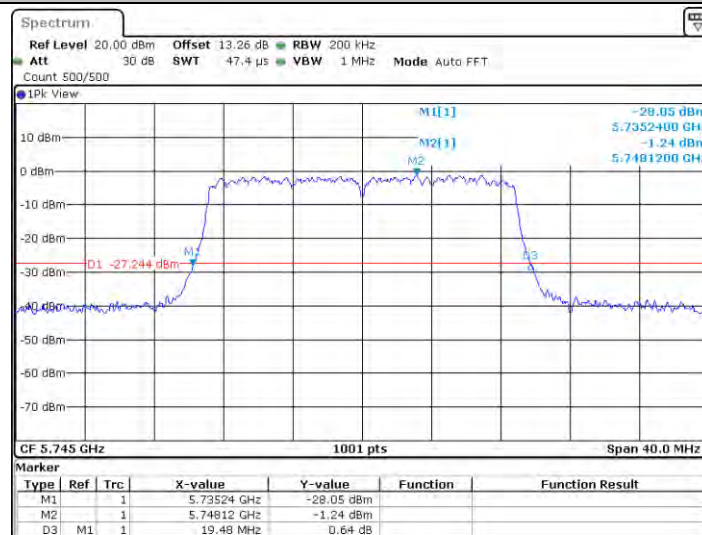
Date: 27 OCT.2020 15:23:27

### 11N20MIMO\_Ant1\_5745



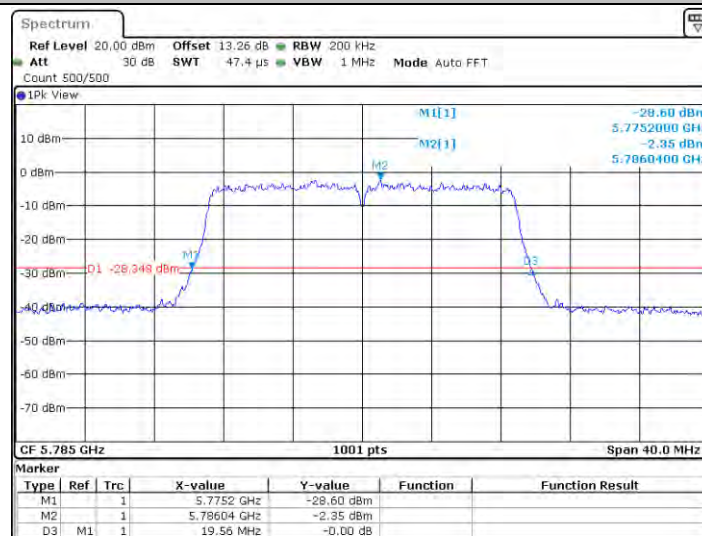
Date: 28.OCT.2020 10:22:34

## 11N20MIMO\_Ant2\_5745



Date: 28.OCT.2020 10:24:25

## 11N20MIMO\_Ant1\_5785



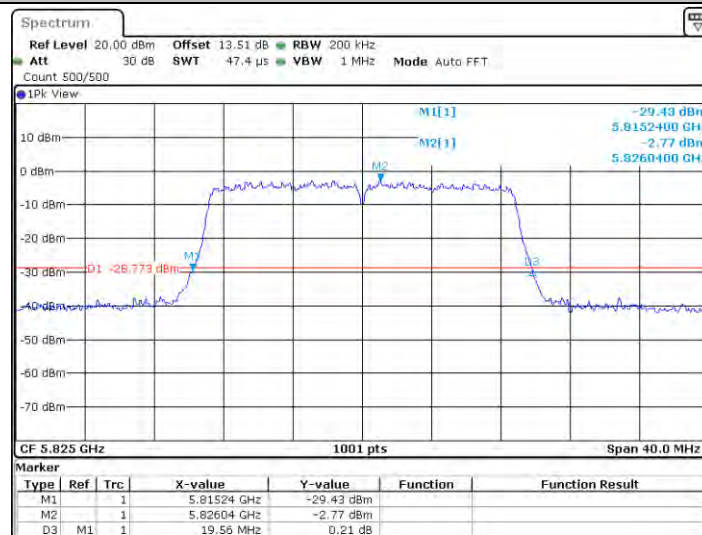
Date: 28.OCT.2020 10:27:05

## 11N20MIMO\_Ant2\_5785



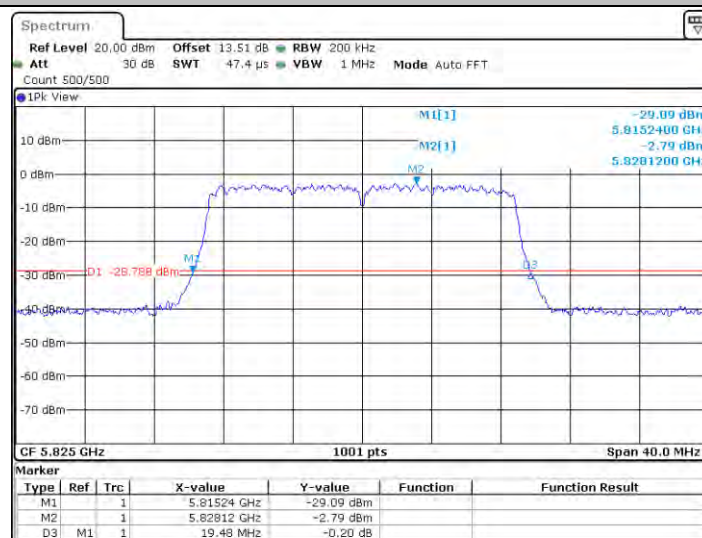
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### 11N20MIMO\_Ant1\_5825



Date: 28.OCT.2020 10:31:55

### 11N20MIMO\_Ant2\_5825



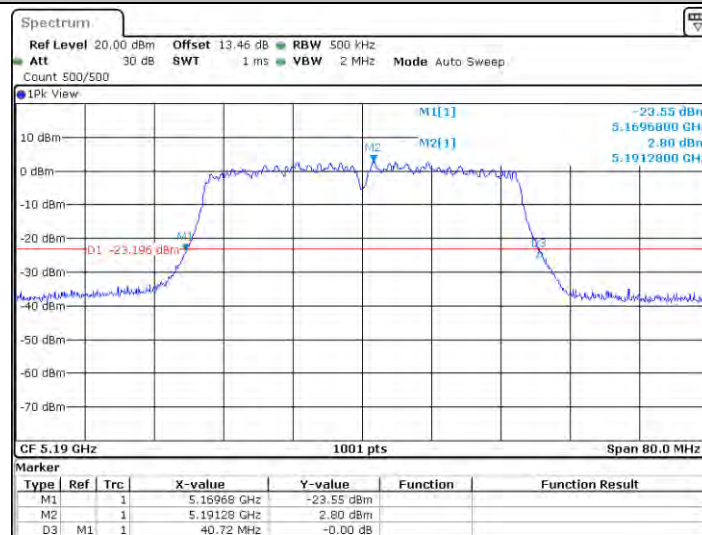
Date: 28.OCT.2020 10:33:54

### 11N40MIMO\_Ant1\_5190



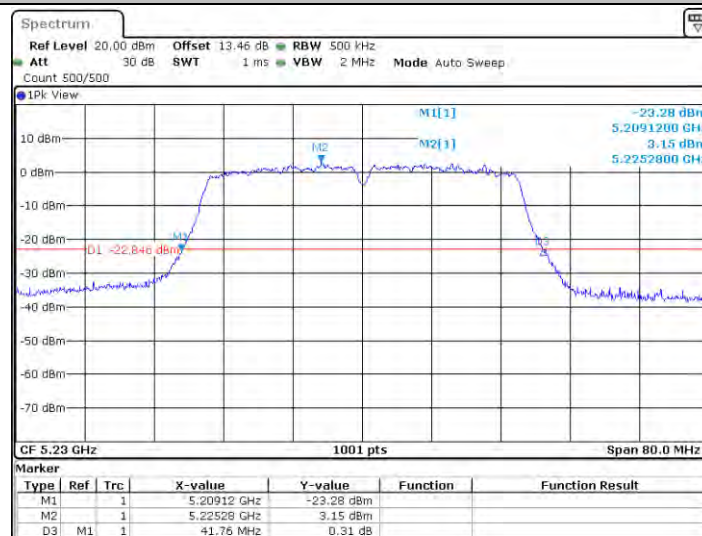
Date: 28.OCT.2020 10:37:02

### 11N40MIMO\_Ant2\_5190



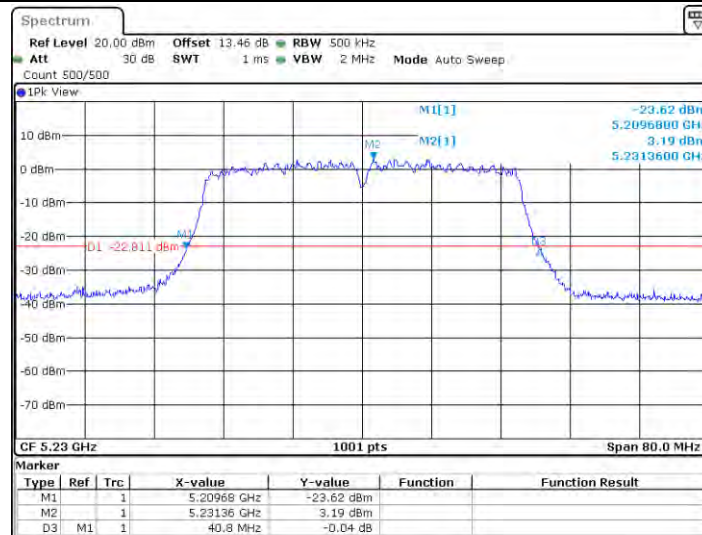
Date: 28.OCT.2020 10:38:55

### 11N40MIMO\_Ant1\_5230



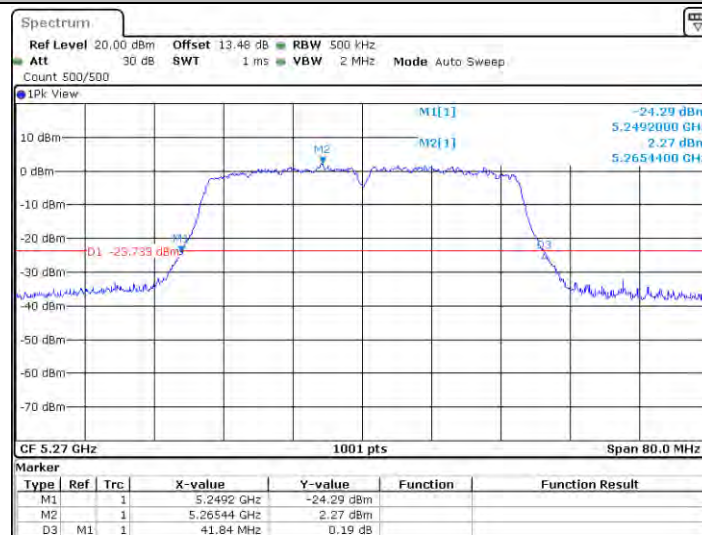
Date: 28.OCT.2020 10:41:26

### 11N40MIMO\_Ant2\_5230



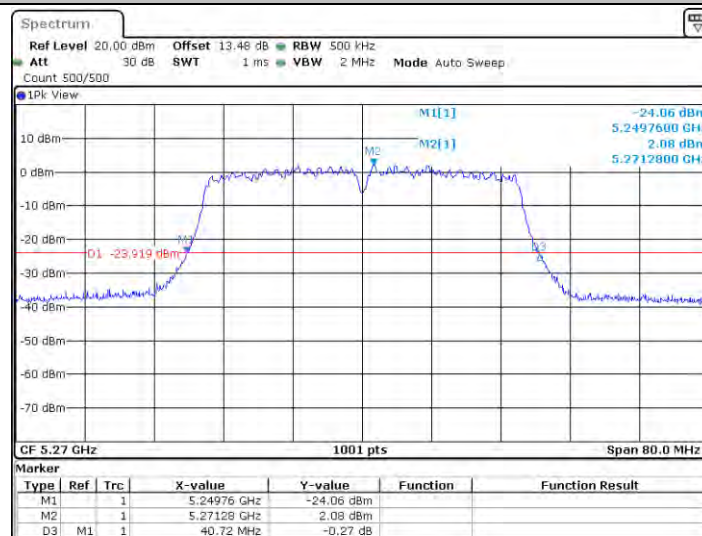
Date: 28.OCT.2020 10:44:37

### 11N40MIMO\_Ant1\_5270



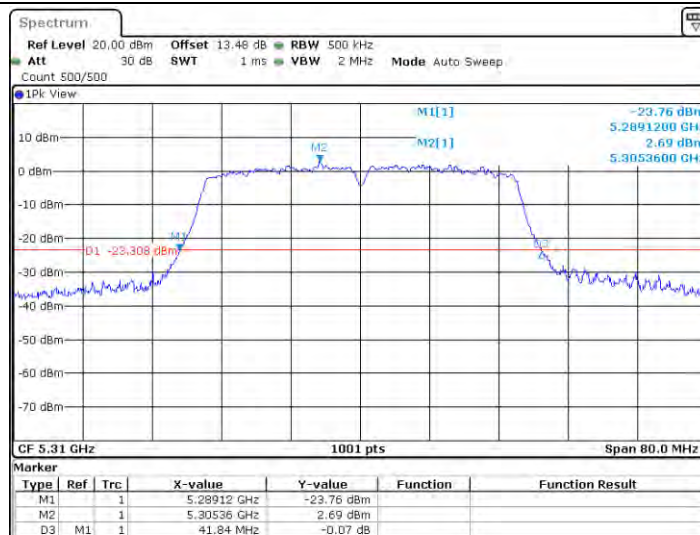
Date: 28.OCT.2020 10:47:05

### 11N40MIMO\_Ant2\_5270



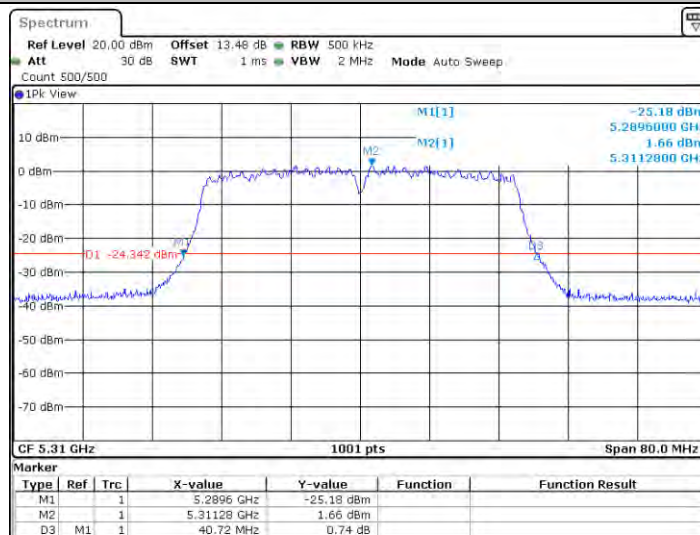
Date: 28.OCT.2020 10:48:57

### 11N40MIMO\_Ant1\_5310



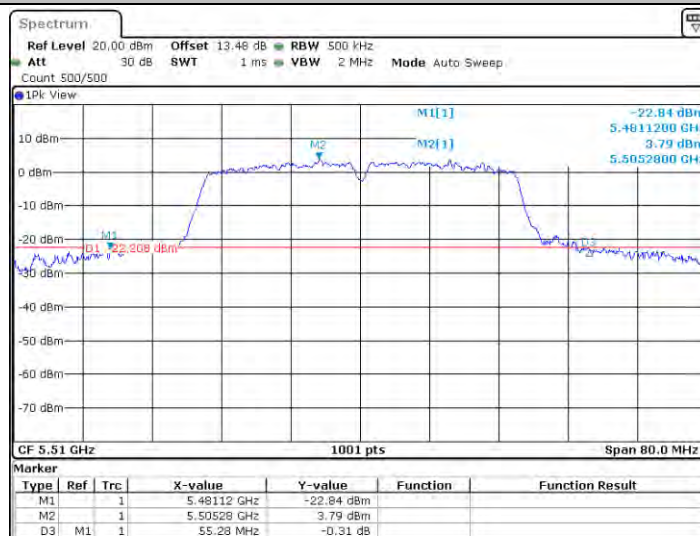
Date: 28.OCT.2020 10:51:53

### 11N40MIMO\_Ant2\_5310



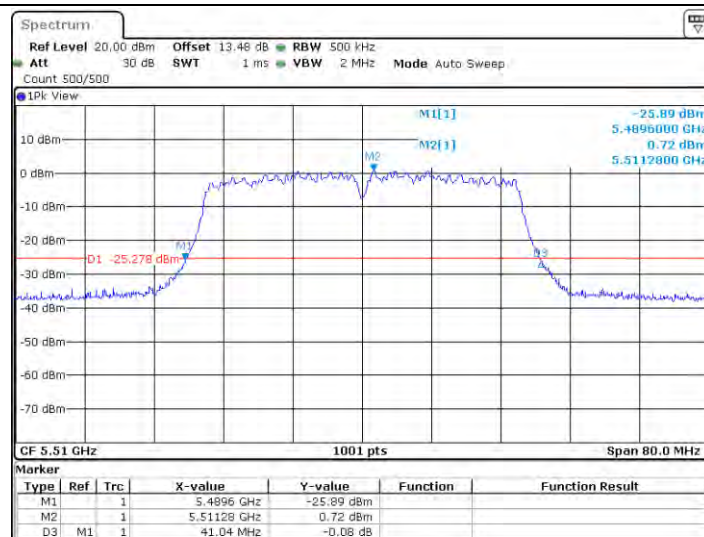
Date: 28.OCT.2020 10:53:46

### 11N40MIMO\_Ant1\_5510



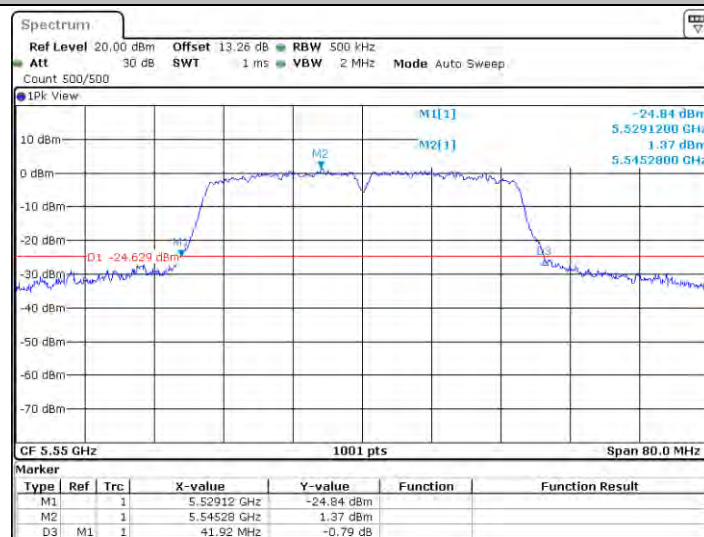
Date: 28.OCT.2020 10:56:20

### 11N40MIMO\_Ant2\_5510



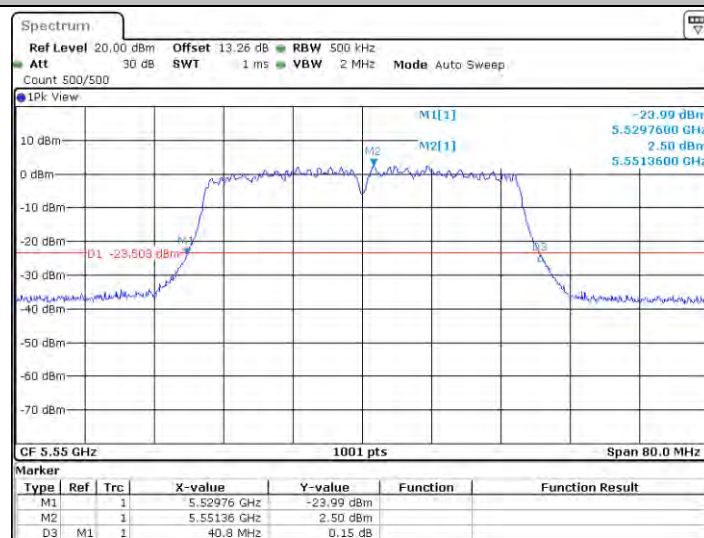
Date: 28.OCT.2020 10:58:42

## 11N40MIMO\_Ant1\_5550



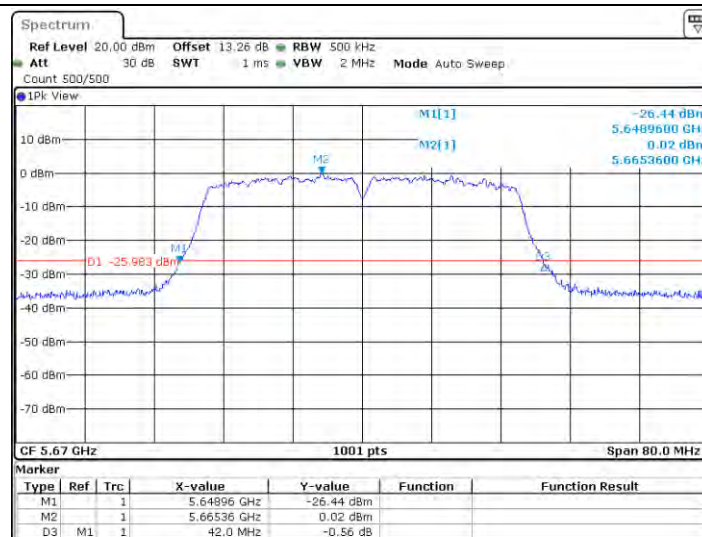
Date: 28.OCT.2020 11:03:05

## 11N40MIMO\_Ant2\_5550



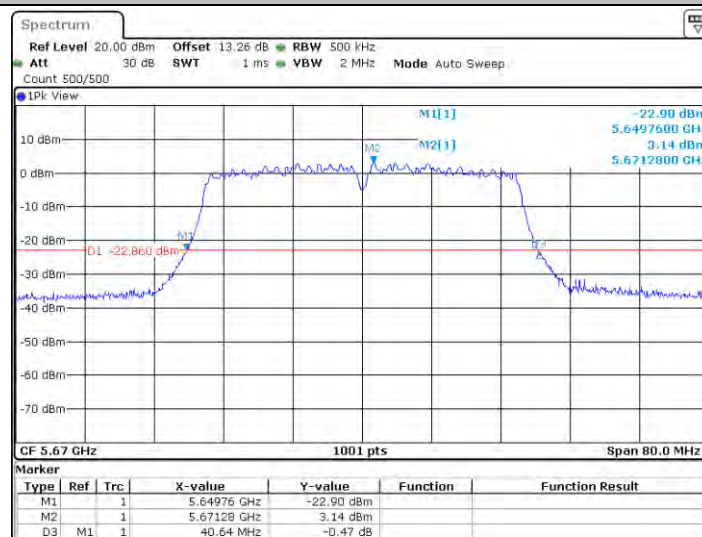
Date: 28.OCT.2020 11:04:58

## 11N40MIMO\_Ant1\_5670



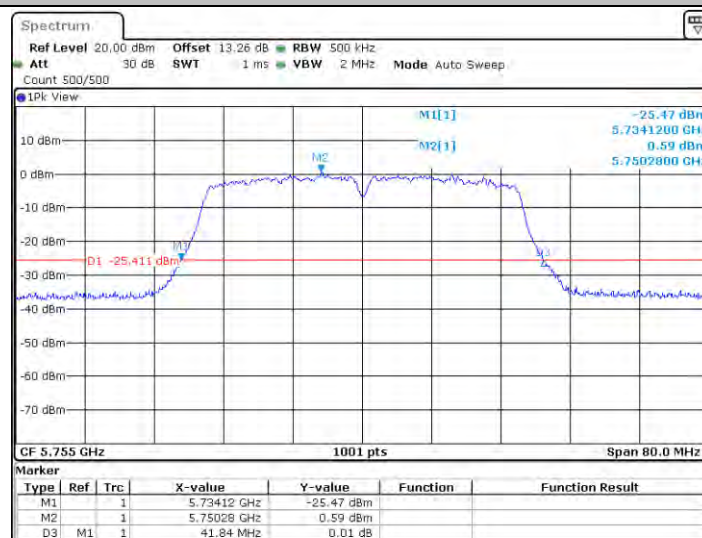
Date: 28.OCT.2020 11:08:28

### 11N40MIMO\_Ant2\_5670



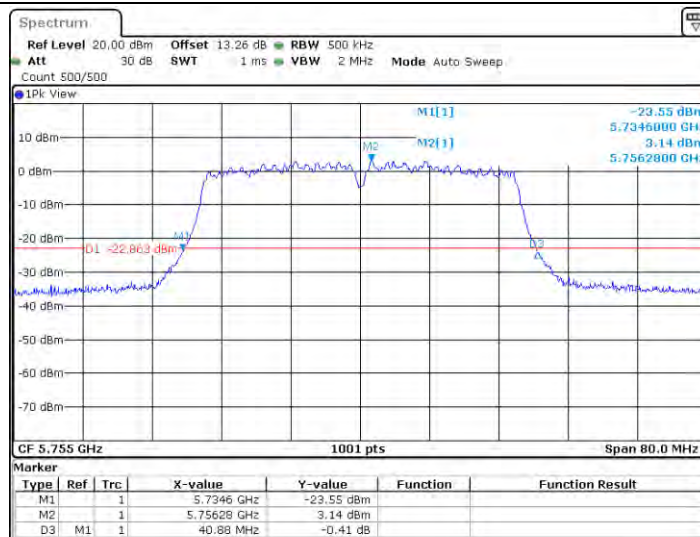
Date: 28.OCT.2020 11:10:38

### 11N40MIMO\_Ant1\_5755



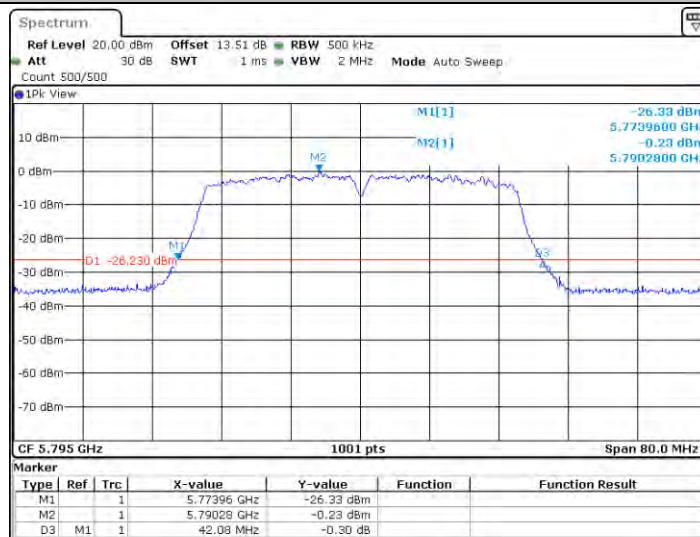
Date: 28.OCT.2020 11:13:10

### 11N40MIMO\_Ant2\_5755



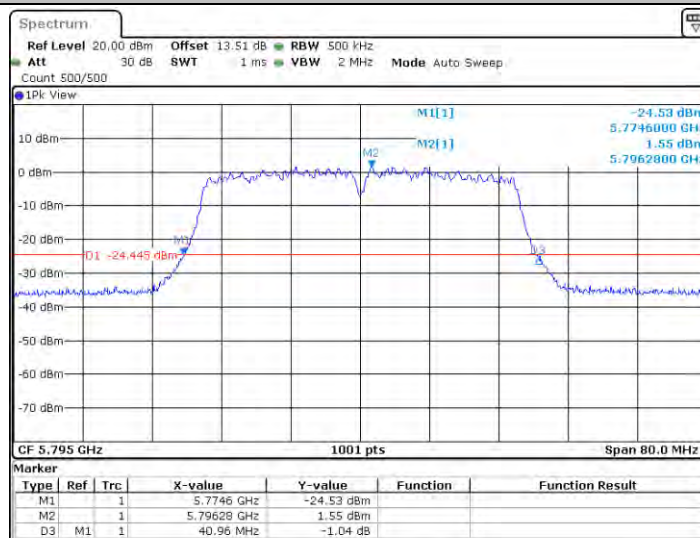
Date: 28.OCT.2020 11:15:03

### 11N40MIMO\_Ant1\_5795



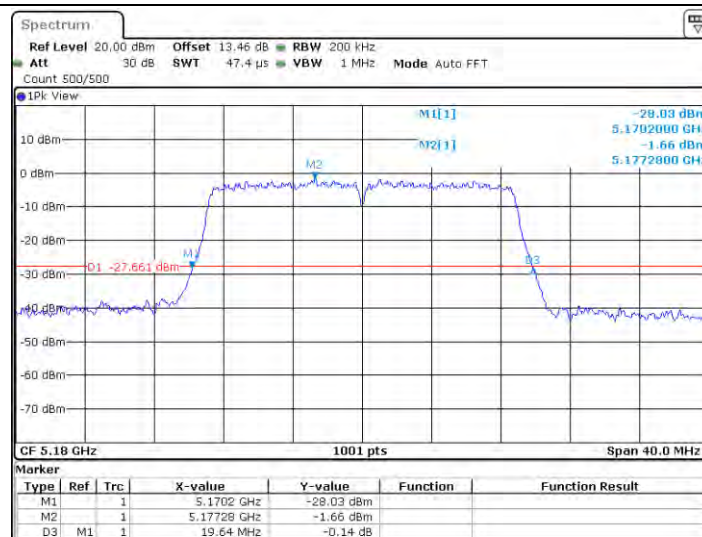
Date: 28.OCT.2020 11:17:29

### 11N40MIMO\_Ant2\_5795



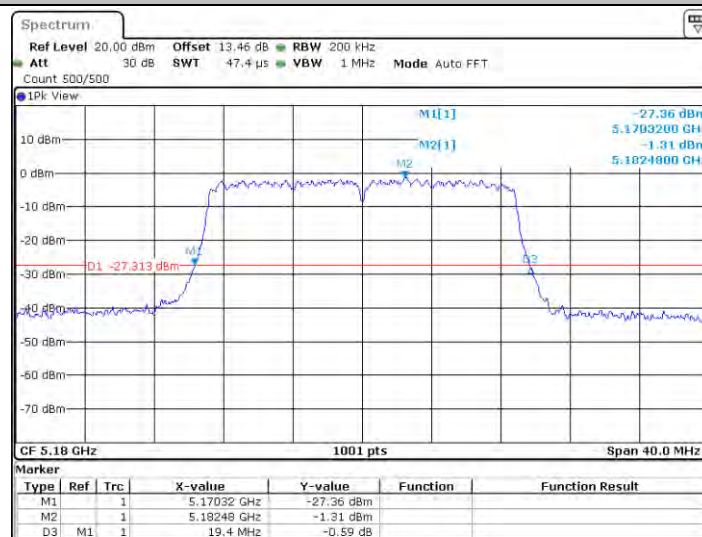
Date: 28.OCT.2020 11:19:30

### 11AC20MIMO\_Ant1\_5180



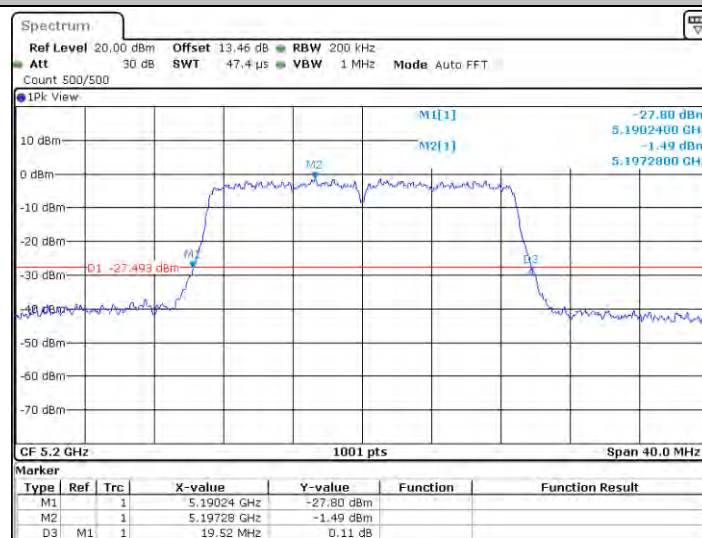
Date: 28.OCT.2020 11:24:20

### 11AC20MIMO\_Ant2\_5180



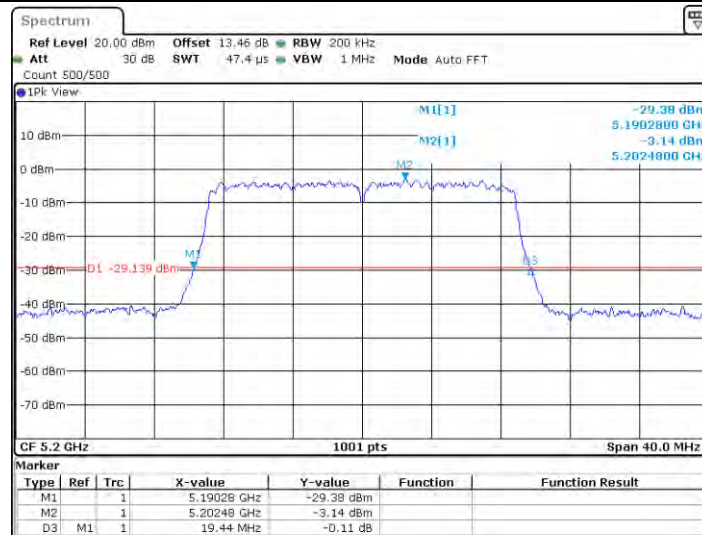
Date: 28.OCT.2020 11:26:12

### 11AC20MIMO\_Ant1\_5200



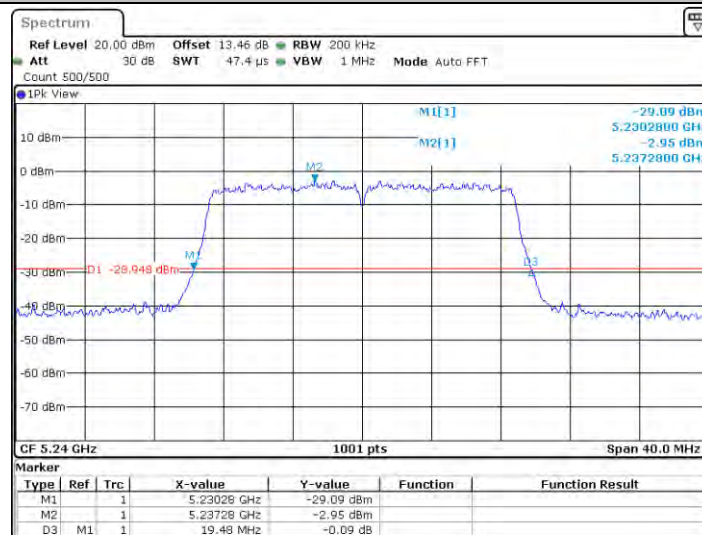
Date: 28.OCT.2020 11:31:01

### 11AC20MIMO\_Ant2\_5200



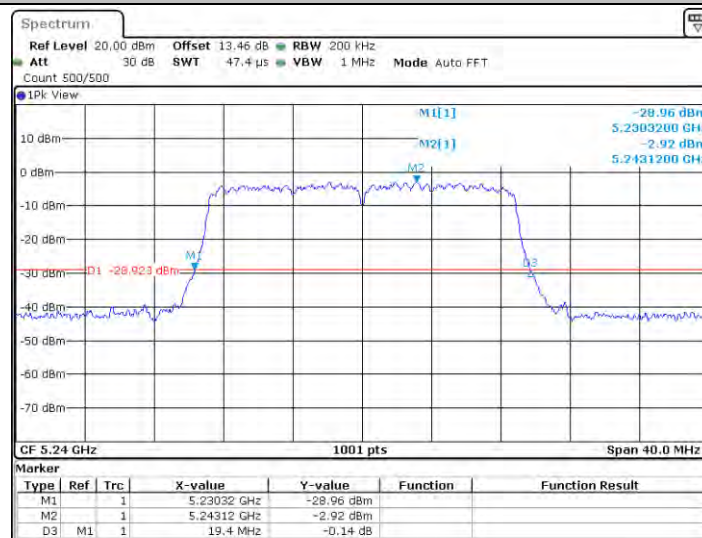
Date: 28.OCT.2020 11:32:53

## 11AC20MIMO\_Ant1\_5240



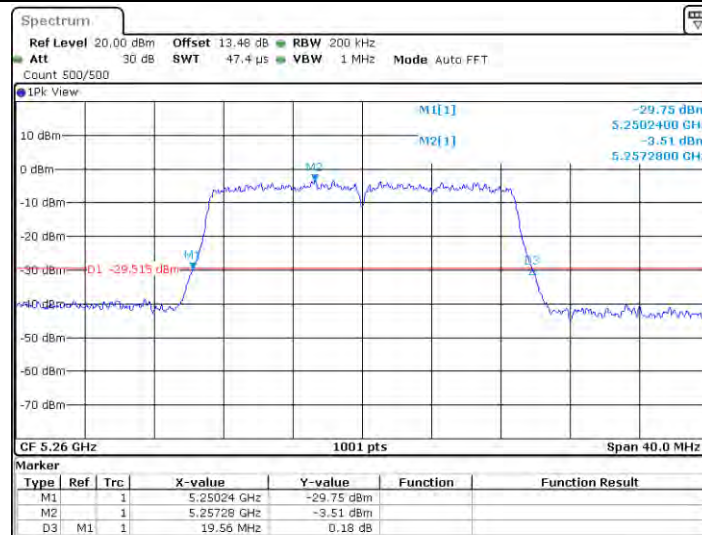
Date: 28.OCT.2020 11:35:12

## 11AC20MIMO\_Ant2\_5240



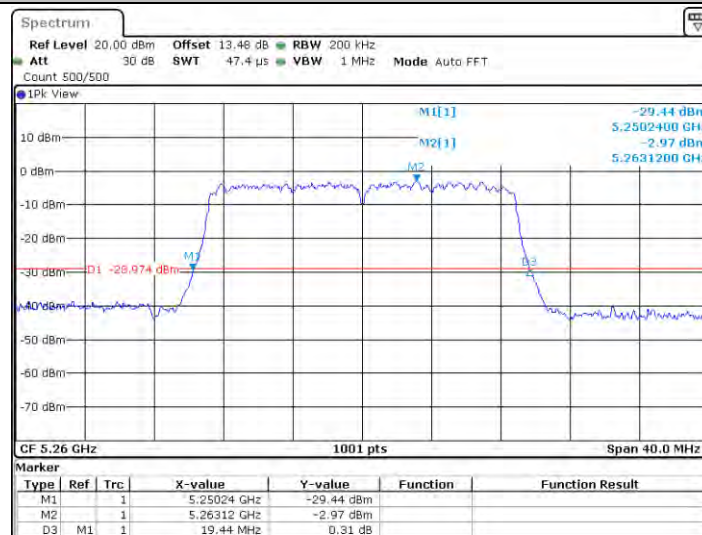
Date: 28.OCT.2020 11:37:03

## 11AC20MIMO\_Ant1\_5260



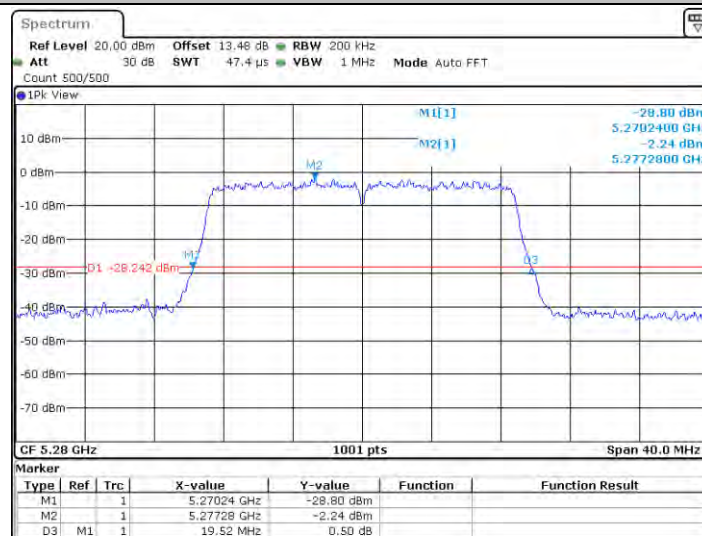
Date: 28.OCT.2020 12.40.13

## 11AC20MIMO\_Ant2\_5260



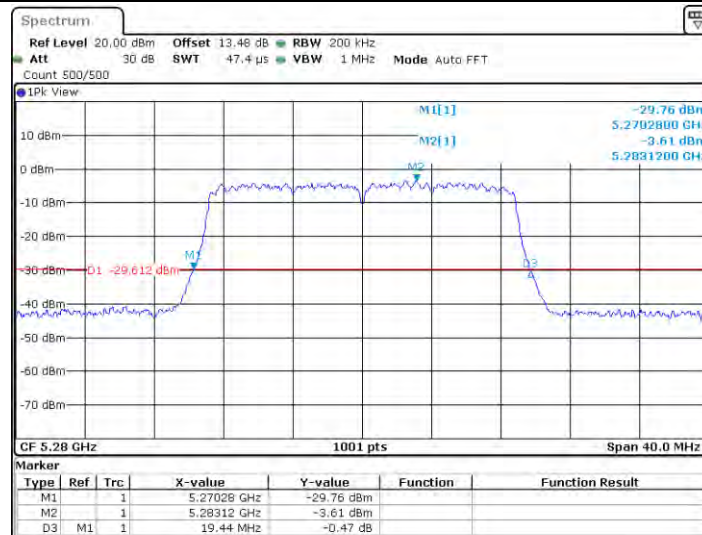
Date: 28.OCT.2020 12.42.04

## 11AC20MIMO\_Ant1\_5280



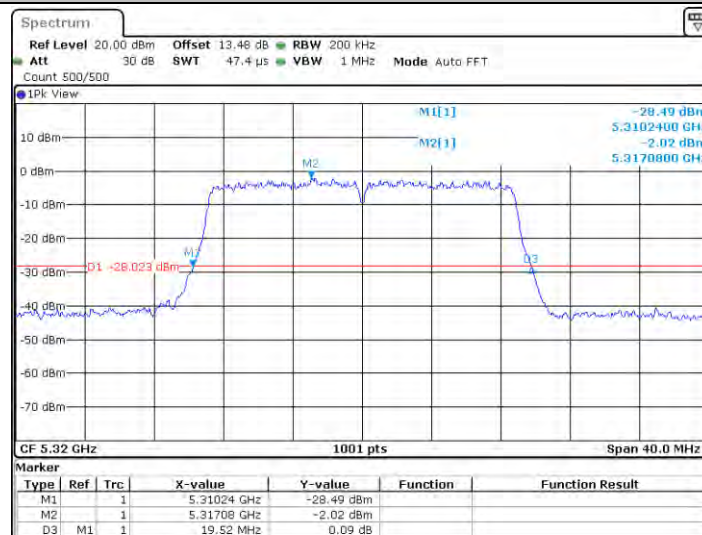
Date: 28.OCT.2020 12.44.40

## 11AC20MIMO\_Ant2\_5280



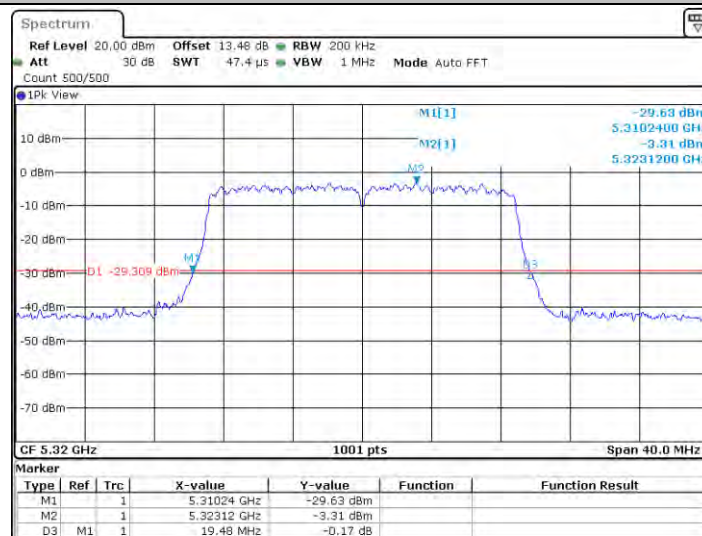
Date: 28.OCT.2020 12:48:31

### 11AC20MIMO\_Ant1\_5320



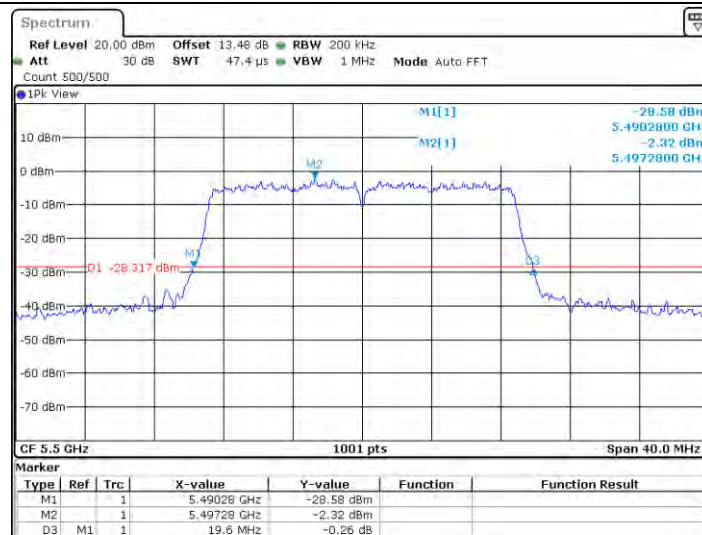
Date: 28.OCT.2020 12:48:51

### 11AC20MIMO\_Ant2\_5320



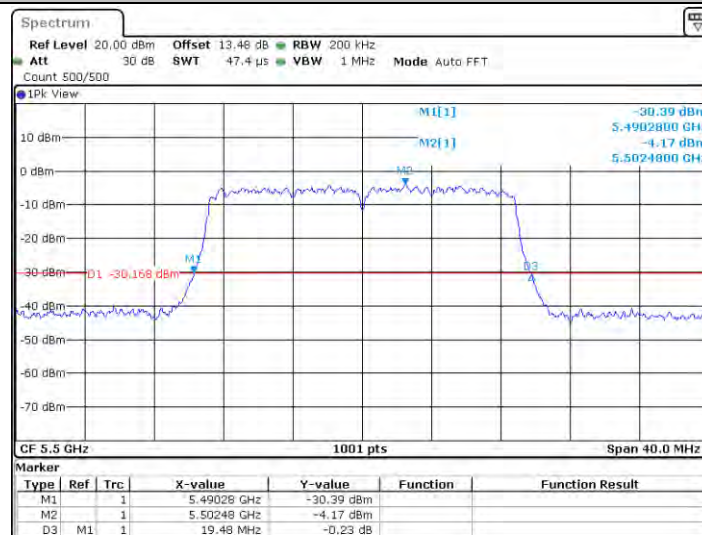
Date: 28.OCT.2020 12:50:44

### 11AC20MIMO\_Ant1\_5500



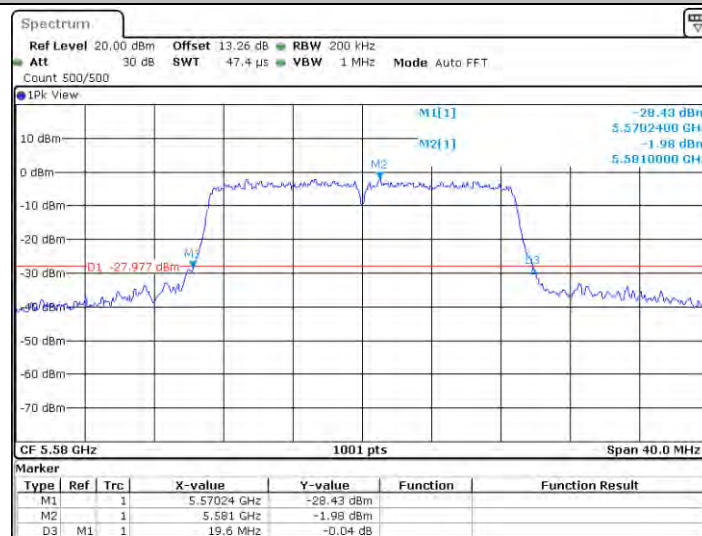
Date: 28.OCT.2020 12:53:39

### 11AC20MIMO\_Ant2\_5500



Date: 28.OCT.2020 12:55:50

### 11AC20MIMO\_Ant1\_5580



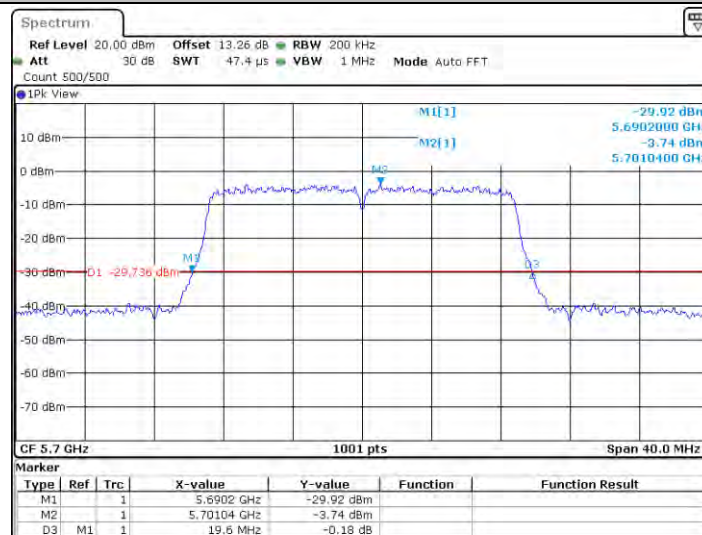
Date: 28.OCT.2020 12:58:39

### 11AC20MIMO\_Ant2\_5580



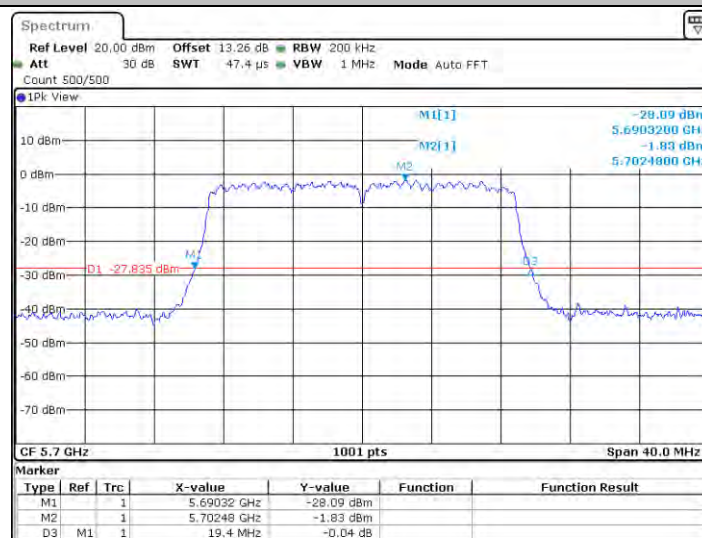
Date: 28.OCT.2020 13.00.46

## 11AC20MIMO\_Ant1\_5700



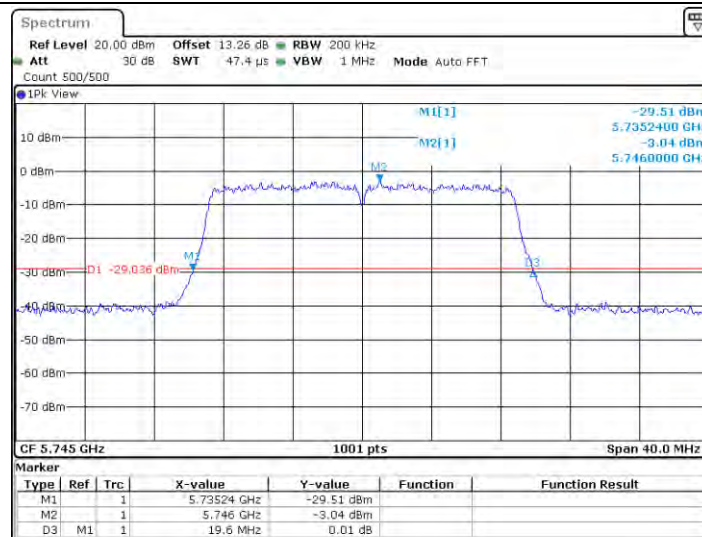
Date: 28.OCT.2020 13.03.05

## 11AC20MIMO\_Ant2\_5700



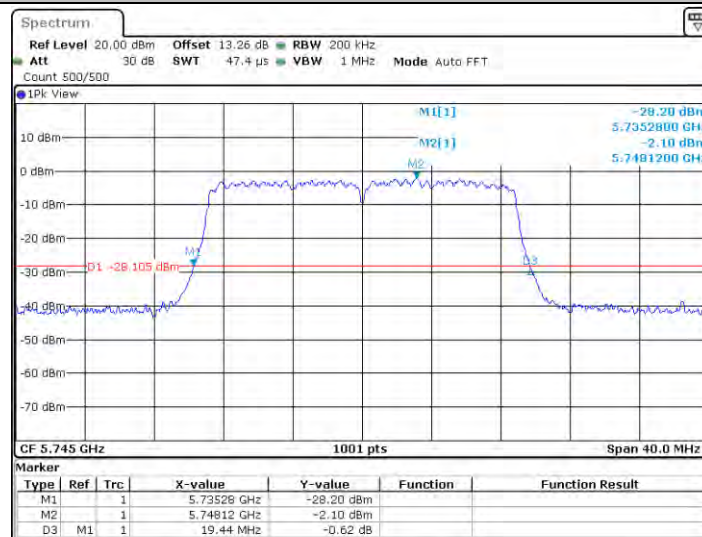
Date: 28.OCT.2020 13.04.57

## 11AC20MIMO\_Ant1\_5745



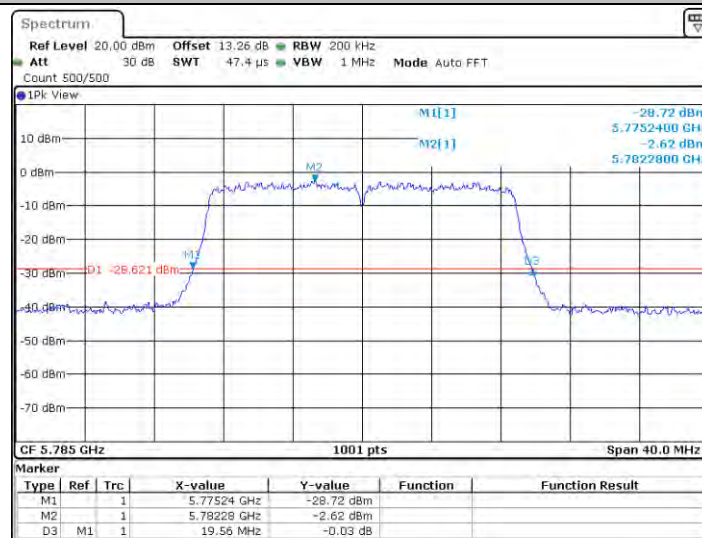
Date: 28.OCT.2020 13:07:11

## 11AC20MIMO\_Ant2\_5745



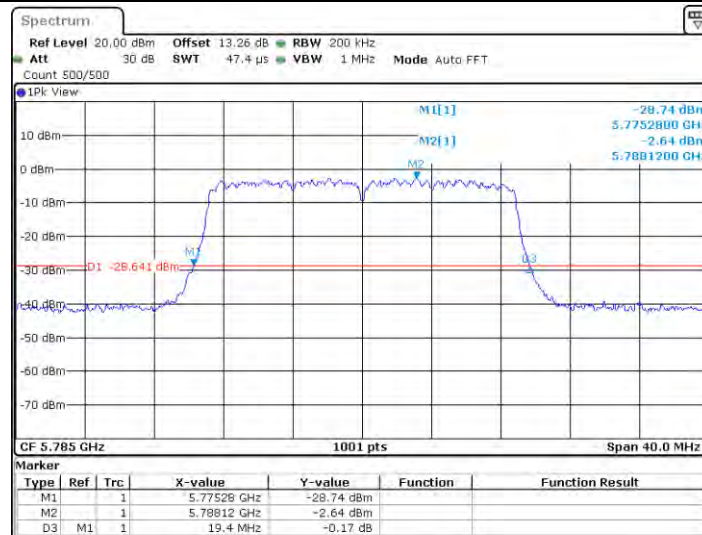
Date: 28.OCT.2020 13:09:23

## 11AC20MIMO\_Ant1\_5785



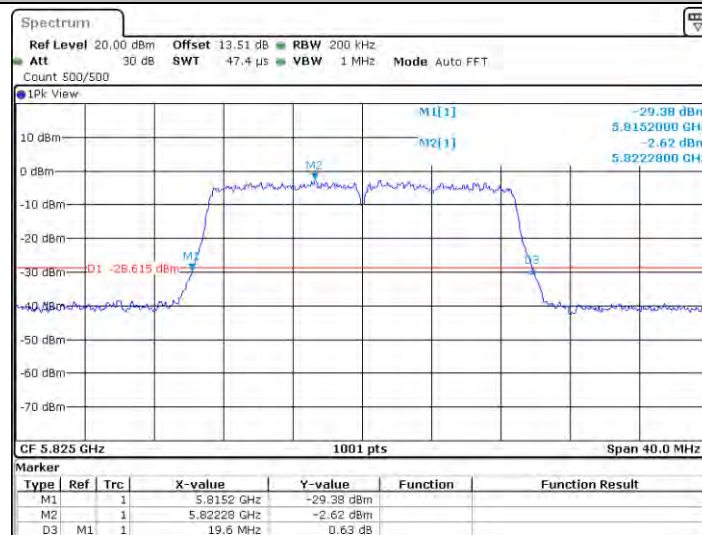
Date: 28.OCT.2020 13:11:50

## 11AC20MIMO\_Ant2\_5785



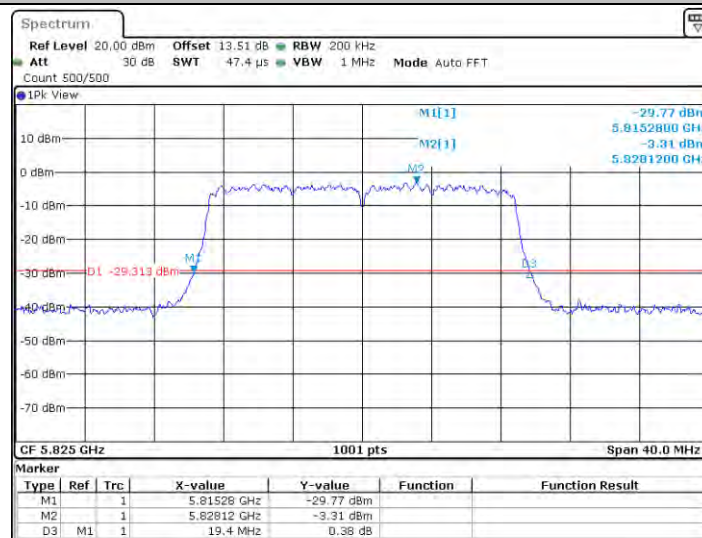
Date: 28.OCT.2020 13:14:02

## 11AC20MIMO\_Ant1\_5825



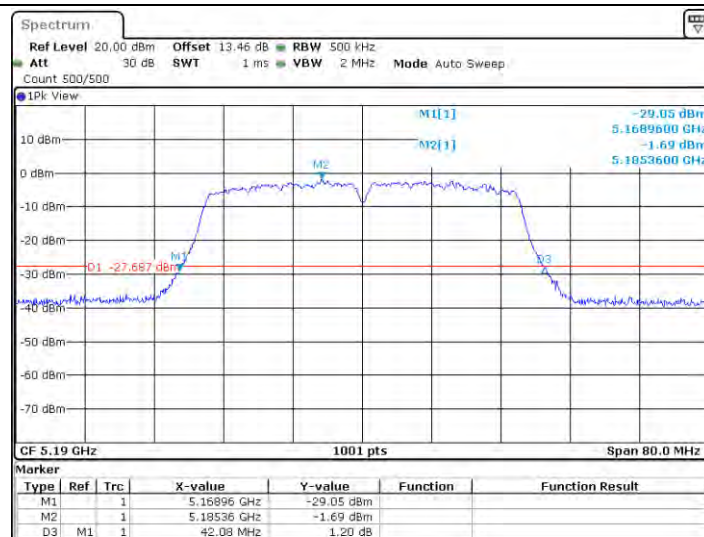
Date: 28.OCT.2020 13:16:14

## 11AC20MIMO\_Ant2\_5825



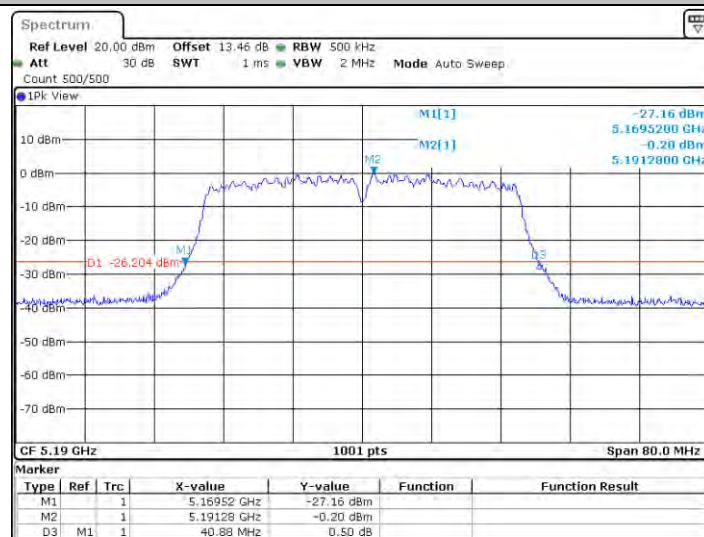
Date: 28.OCT.2020 13:18:05

## 11AC40MIMO\_Ant1\_5190



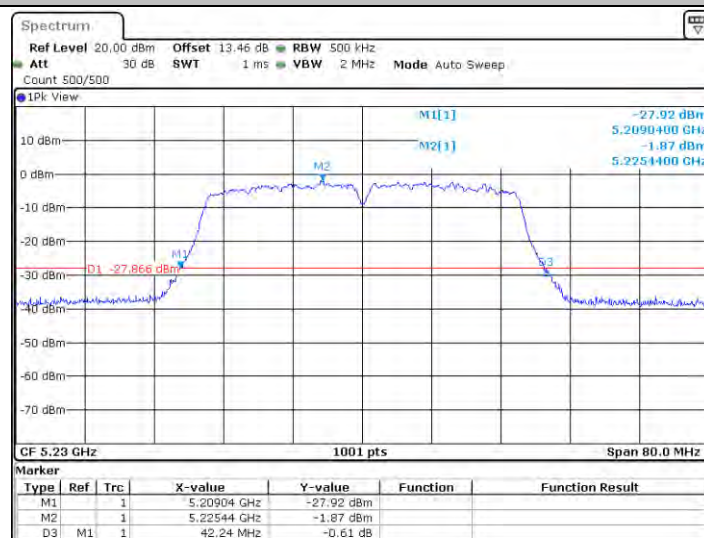
Date: 28.OCT.2020 13:20:42

## 11AC40MIMO\_Ant2\_5190



Date: 28.OCT.2020 13:22:35

## 11AC40MIMO\_Ant1\_5230



Date: 28.OCT.2020 13:25:42

## 11AC40MIMO\_Ant2\_5230



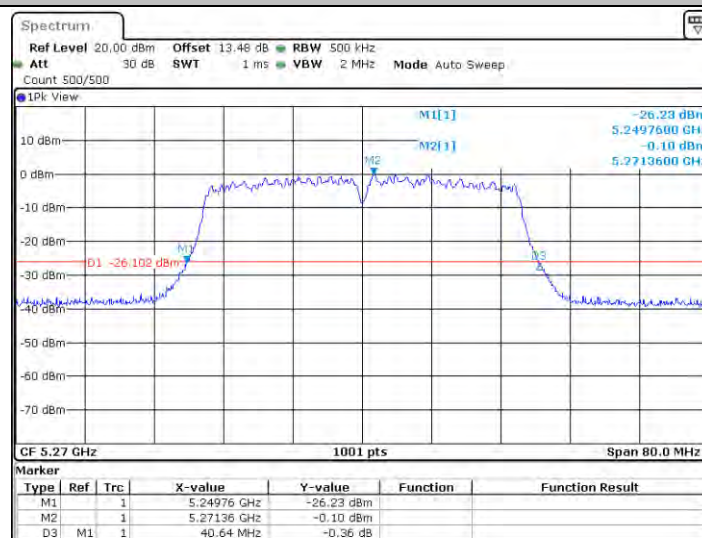
Date: 28.OCT.2020 13:27:34

## 11AC40MIMO\_Ant1\_5270



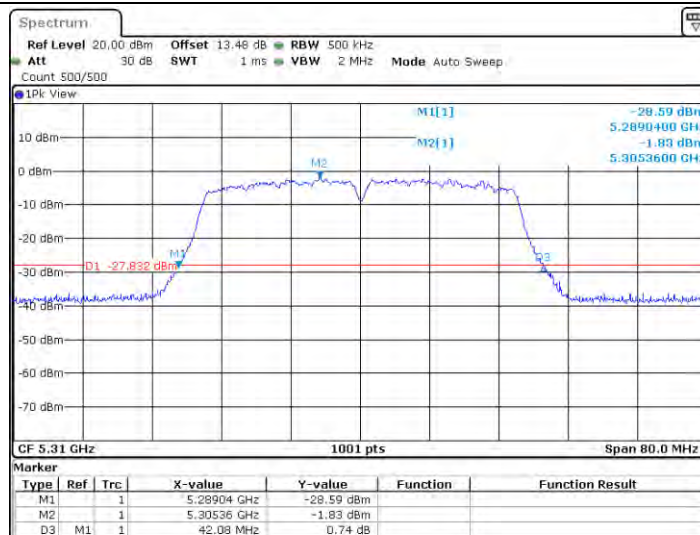
Date: 28.OCT.2020 13:28:54

## 11AC40MIMO\_Ant2\_5270



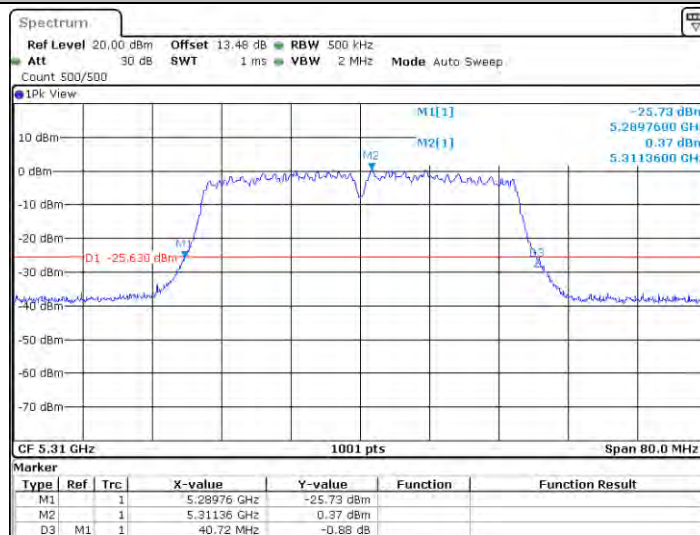
Date: 28.OCT.2020 13:39:03

## 11AC40MIMO\_Ant1\_5310



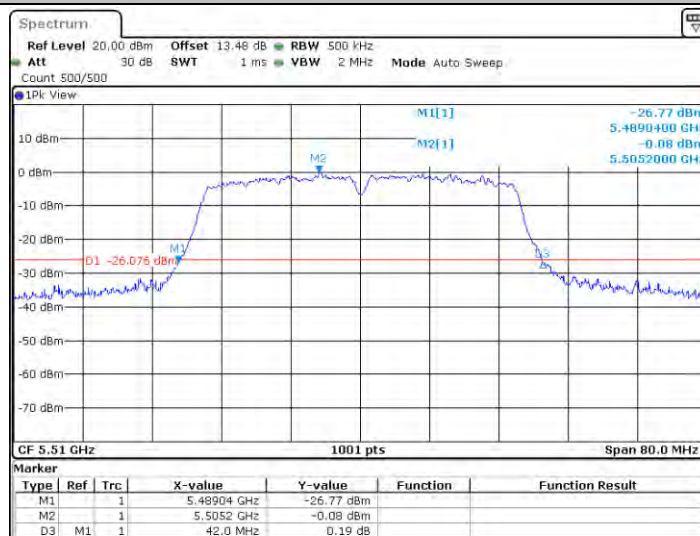
Date: 28.OCT.2020 13.41.29

## 11AC40MIMO\_Ant2\_5310



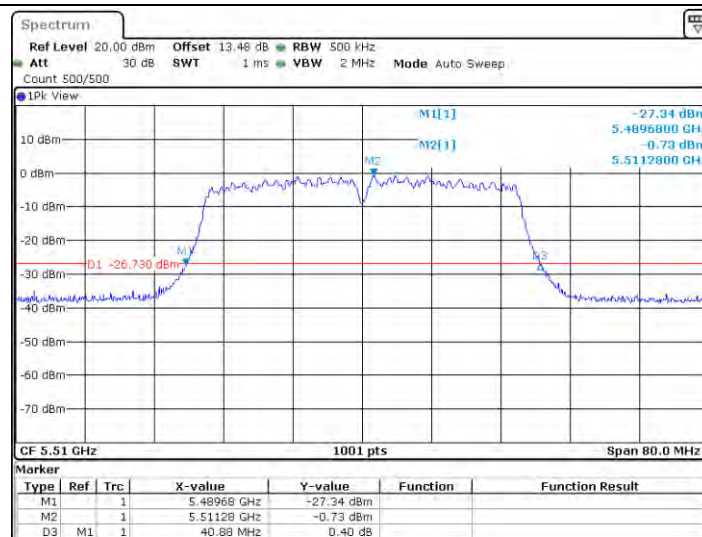
Date: 28.OCT.2020 13.43.21

## 11AC40MIMO\_Ant1\_5510



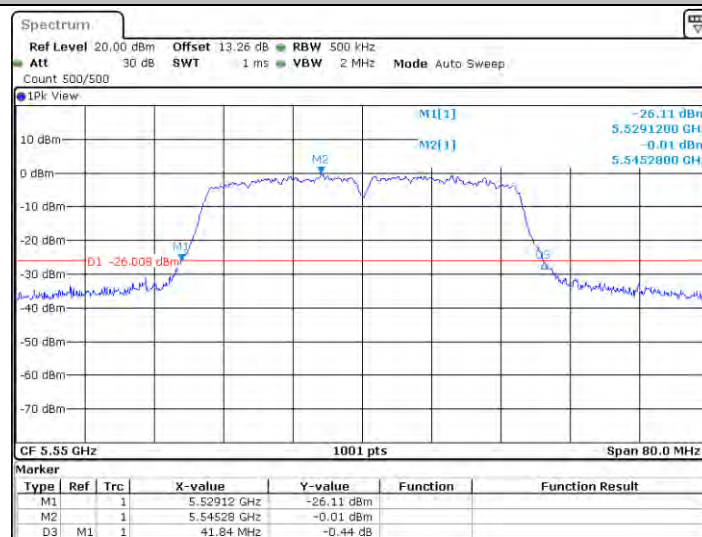
Date: 28.OCT.2020 13.45.48

## 11AC40MIMO\_Ant2\_5510



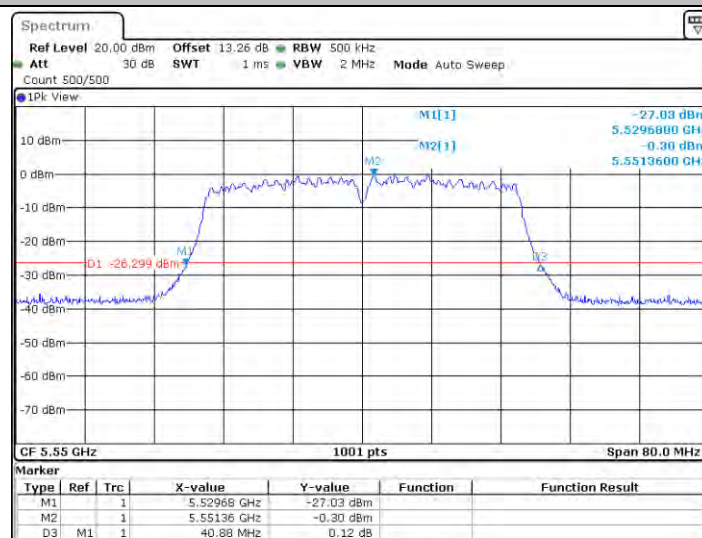
Date: 28.OCT.2020 13:47:44

### 11AC40MIMO\_Ant1\_5550



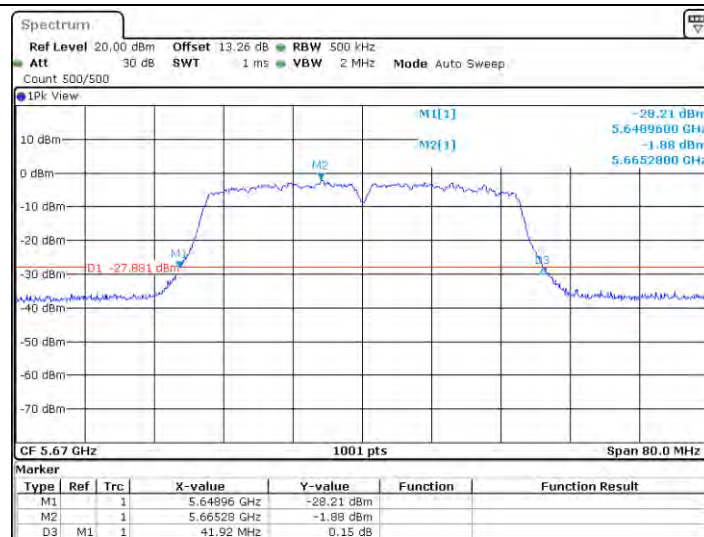
Date: 28.OCT.2020 13:50:08

### 11AC40MIMO\_Ant2\_5550



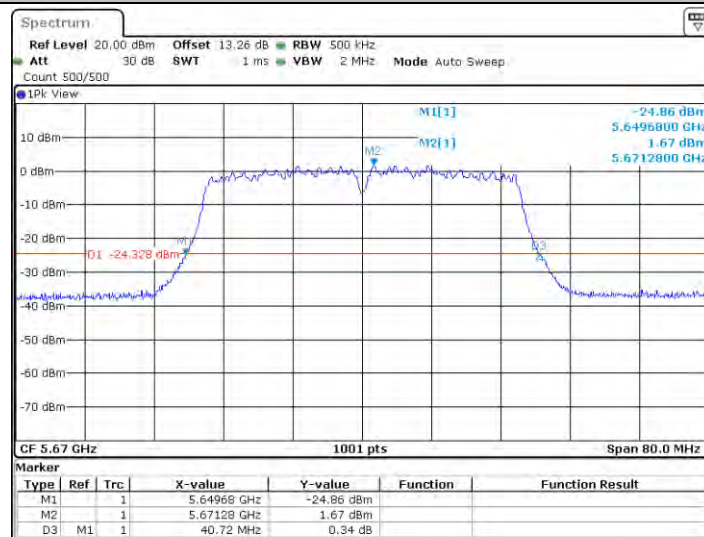
Date: 28.OCT.2020 13:52:01

### 11AC40MIMO\_Ant1\_5670



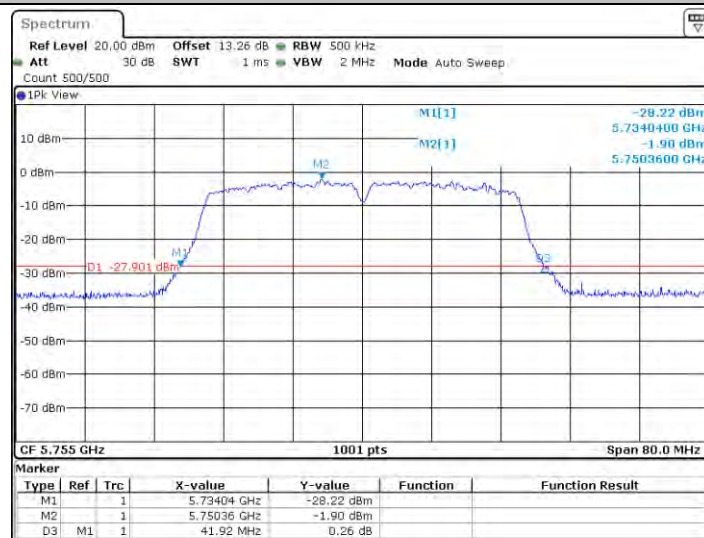
Date: 28.OCT.2020 13:57:12

### 11AC40MIMO\_Ant2\_5670



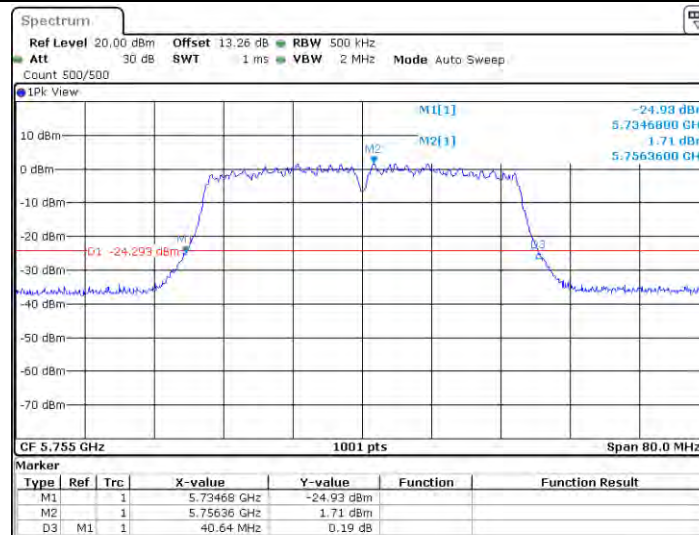
Date: 28.OCT.2020 13:59:54

### 11AC40MIMO\_Ant1\_5755



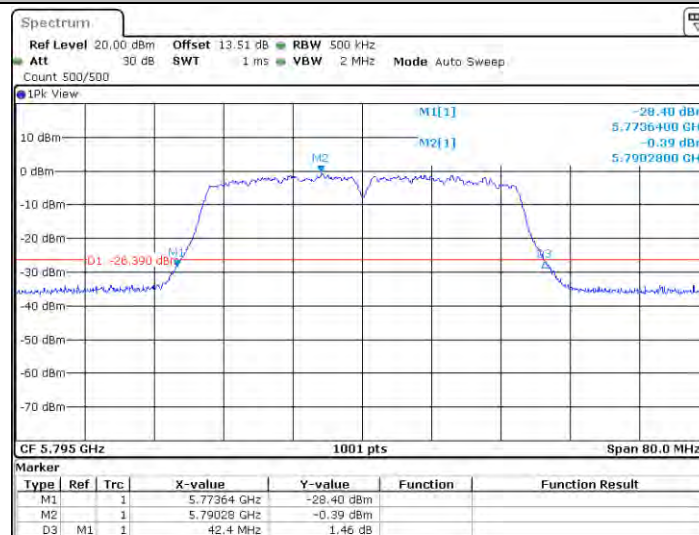
Date: 28.OCT.2020 14:02:36

### 11AC40MIMO\_Ant2\_5755



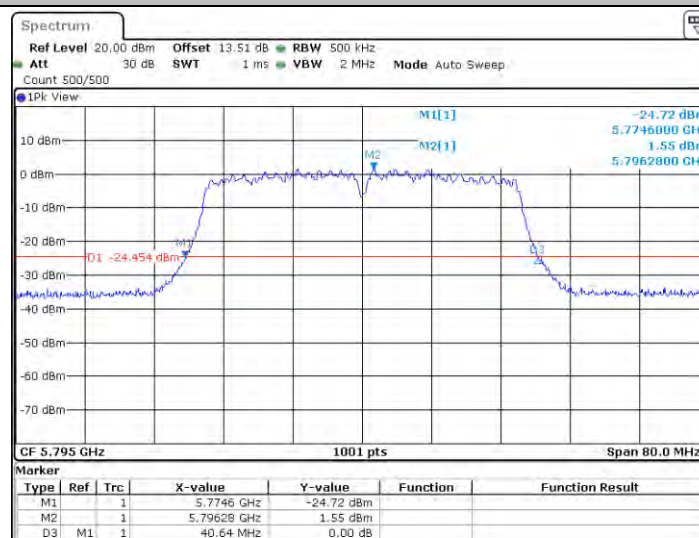
Date: 28.OCT.2020 14:17:23

## 11AC40MIMO\_Ant1\_5795



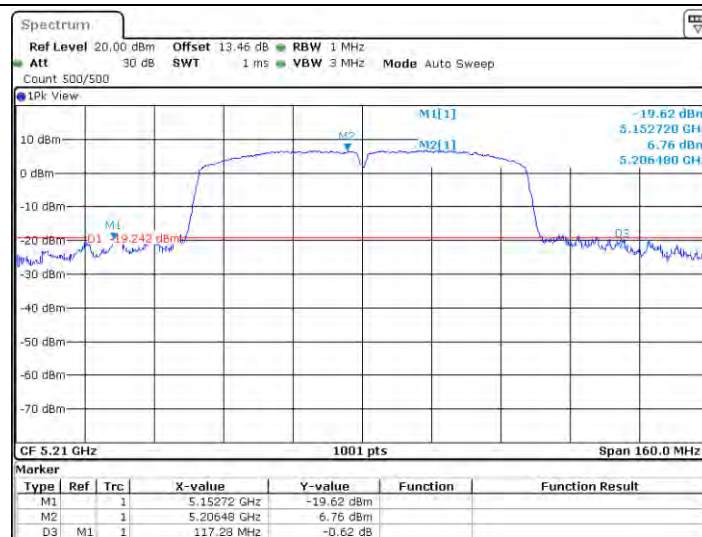
Date: 28.OCT.2020 14:08:25

## 11AC40MIMO\_Ant2\_5795



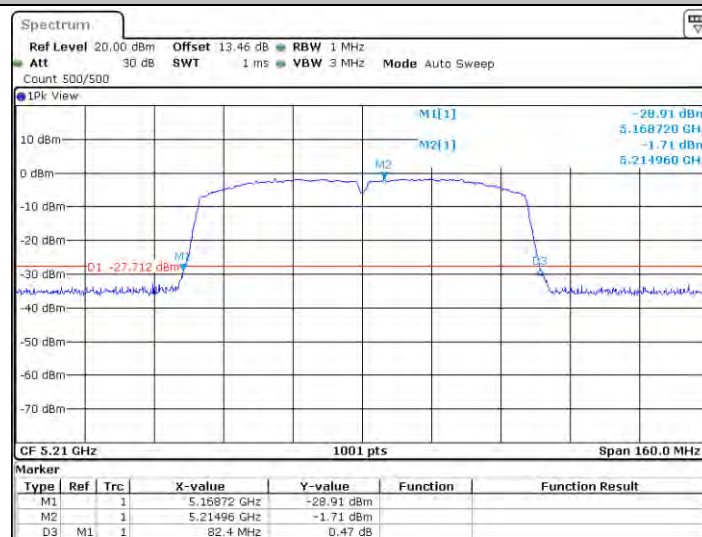
Date: 28.OCT.2020 14:11:21

## 11AC80MIMO\_Ant1\_5210



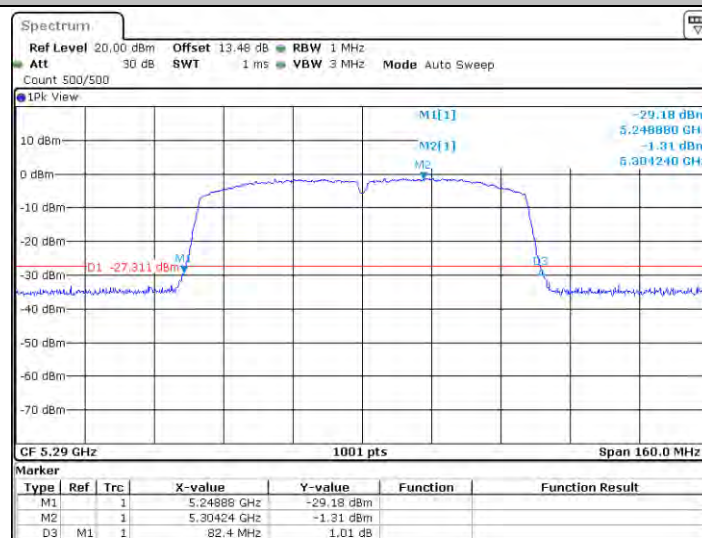
Date: 28.OCT.2020 14:14:07

## 11AC80MIMO\_Ant2\_5210



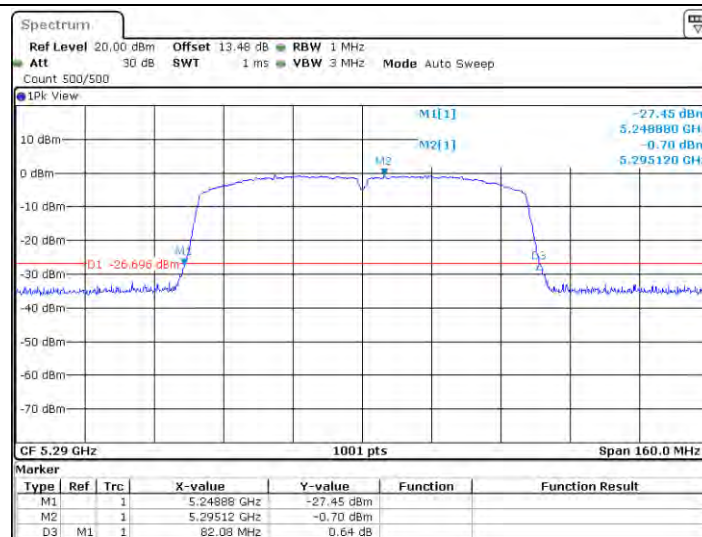
Date: 28.OCT.2020 14:52:00

## 11AC80MIMO\_Ant1\_5290



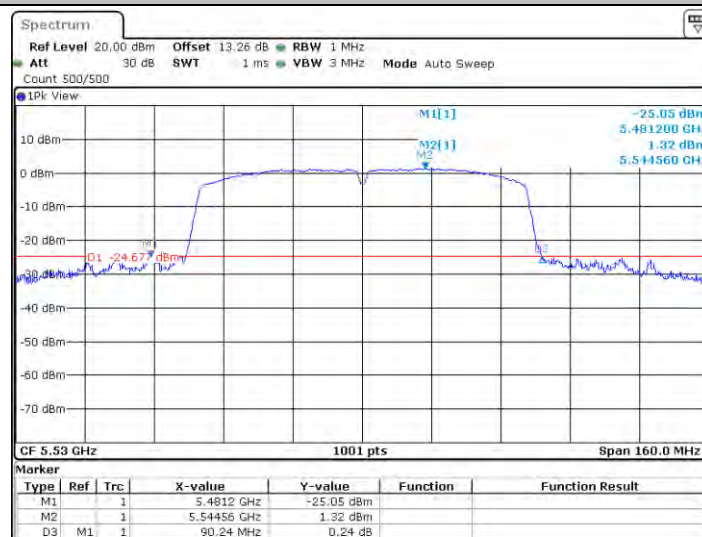
Date: 28.OCT.2020 14:55:02

## 11AC80MIMO\_Ant2\_5290



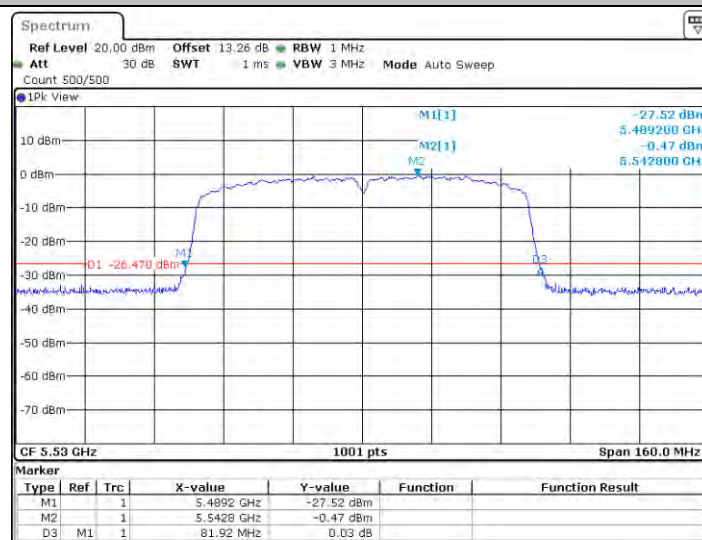
Date: 28.OCT.2020 14:57:12

### 11AC80MIMO\_Ant1\_5530



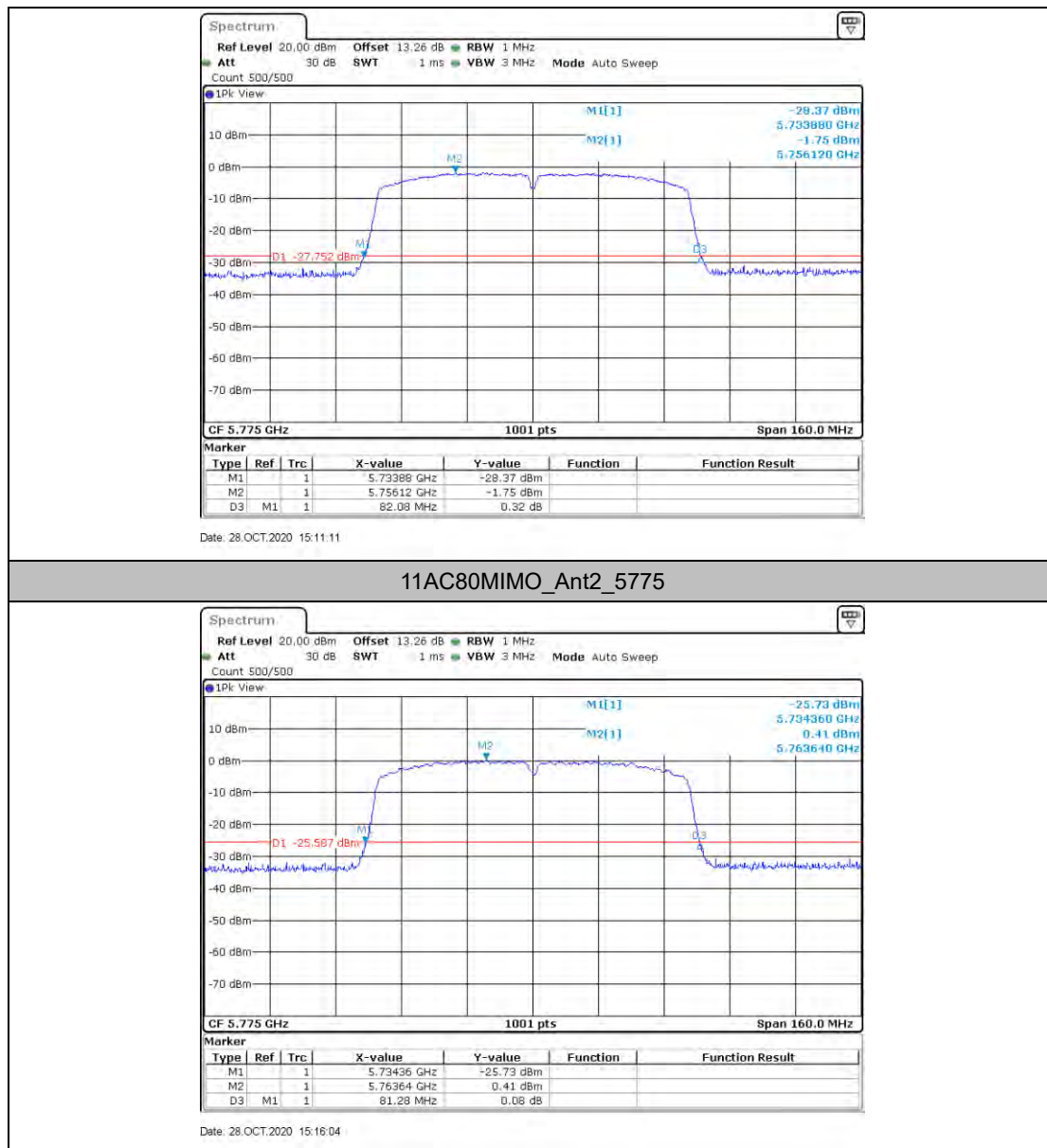
Date: 28.OCT.2020 15:01:17

### 11AC80MIMO\_Ant2\_5530



Date: 28.OCT.2020 15:03:22

### 11AC80MIMO\_Ant1\_5775



## Appendix A2: Occupied channel bandwidth

### Test Result

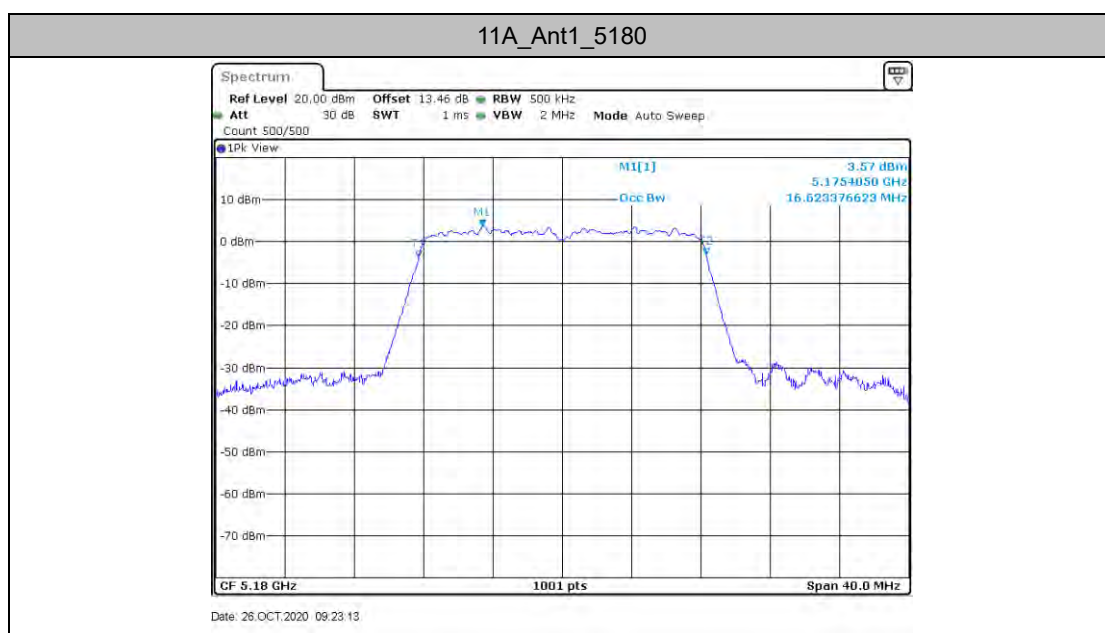
| Test Mode | Antenna | Channel | OCB [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|-------------|---------|
| 11A       | Ant1    | 5180    | 16.623    | 5171.688 | 5188.312 | ---         | PASS    |
|           | Ant2    | 5180    | 16.623    | 5171.688 | 5188.312 | ---         | PASS    |
|           | Ant1    | 5200    | 16.623    | 5191.688 | 5208.312 | ---         | PASS    |
|           | Ant2    | 5200    | 16.623    | 5191.688 | 5208.312 | ---         | PASS    |
|           | Ant1    | 5240    | 16.663    | 5231.688 | 5248.352 | ---         | PASS    |
|           | Ant2    | 5240    | 16.583    | 5231.728 | 5248.312 | ---         | PASS    |
|           | Ant1    | 5260    | 16.663    | 5251.688 | 5268.352 | ---         | PASS    |
|           | Ant2    | 5260    | 16.623    | 5251.688 | 5268.312 | ---         | PASS    |
|           | Ant1    | 5280    | 16.743    | 5271.648 | 5288.392 | ---         | PASS    |
|           | Ant2    | 5280    | 16.623    | 5271.688 | 5288.312 | ---         | PASS    |
|           | Ant1    | 5320    | 16.943    | 5311.528 | 5328.472 | ---         | PASS    |

| Test Mode | Antenna | Channel | OCB [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|-------------|---------|
|           | Ant2    | 5320    | 16.623    | 5311.688 | 5328.312 | ---         | PASS    |
|           | Ant1    | 5500    | 19.381    | 5490.769 | 5510.150 | ---         | PASS    |
|           | Ant2    | 5500    | 16.583    | 5491.728 | 5508.312 | ---         | PASS    |
|           | Ant1    | 5580    | 16.983    | 5571.489 | 5588.472 | ---         | PASS    |
|           | Ant2    | 5580    | 16.623    | 5571.688 | 5588.312 | ---         | PASS    |
|           | Ant1    | 5700    | 16.663    | 5691.648 | 5708.312 | ---         | PASS    |
|           | Ant2    | 5700    | 16.703    | 5691.648 | 5708.352 | ---         | PASS    |
|           | Ant1    | 5745    | 16.623    | 5736.688 | 5753.312 | ---         | PASS    |
|           | Ant2    | 5745    | 16.623    | 5736.688 | 5753.312 | ---         | PASS    |
|           | Ant1    | 5785    | 16.623    | 5776.688 | 5793.312 | ---         | PASS    |
|           | Ant2    | 5785    | 16.623    | 5776.688 | 5793.312 | ---         | PASS    |
|           | Ant1    | 5825    | 16.623    | 5816.688 | 5833.312 | ---         | PASS    |
|           | Ant2    | 5825    | 16.623    | 5816.688 | 5833.312 | ---         | PASS    |
| 11N20SISO | Ant1    | 5180    | 17.702    | 5171.169 | 5188.871 | ---         | PASS    |
|           | Ant2    | 5180    | 17.702    | 5171.169 | 5188.871 | ---         | PASS    |
|           | Ant1    | 5200    | 17.702    | 5191.169 | 5208.871 | ---         | PASS    |
|           | Ant2    | 5200    | 17.702    | 5191.169 | 5208.871 | ---         | PASS    |
|           | Ant1    | 5240    | 17.702    | 5231.169 | 5248.871 | ---         | PASS    |
|           | Ant2    | 5240    | 17.702    | 5231.169 | 5248.871 | ---         | PASS    |
|           | Ant1    | 5260    | 17.702    | 5251.169 | 5268.871 | ---         | PASS    |
|           | Ant2    | 5260    | 17.702    | 5251.169 | 5268.871 | ---         | PASS    |
|           | Ant1    | 5280    | 17.702    | 5271.169 | 5288.871 | ---         | PASS    |
|           | Ant2    | 5280    | 17.702    | 5271.169 | 5288.871 | ---         | PASS    |
|           | Ant1    | 5320    | 17.782    | 5311.129 | 5328.911 | ---         | PASS    |
|           | Ant2    | 5320    | 17.702    | 5311.169 | 5328.871 | ---         | PASS    |
|           | Ant1    | 5500    | 18.102    | 5491.009 | 5509.111 | ---         | PASS    |
|           | Ant2    | 5500    | 17.702    | 5491.169 | 5508.871 | ---         | PASS    |
|           | Ant1    | 5580    | 17.942    | 5571.049 | 5588.991 | ---         | PASS    |
|           | Ant2    | 5580    | 17.702    | 5571.169 | 5588.871 | ---         | PASS    |
|           | Ant1    | 5700    | 17.742    | 5691.129 | 5708.871 | ---         | PASS    |
|           | Ant2    | 5700    | 17.702    | 5691.169 | 5708.871 | ---         | PASS    |
|           | Ant1    | 5745    | 17.702    | 5736.169 | 5753.871 | ---         | PASS    |
|           | Ant2    | 5745    | 17.702    | 5736.169 | 5753.871 | ---         | PASS    |
|           | Ant1    | 5785    | 17.662    | 5776.169 | 5793.831 | ---         | PASS    |
|           | Ant2    | 5785    | 17.702    | 5776.169 | 5793.871 | ---         | PASS    |
|           | Ant1    | 5825    | 17.662    | 5816.169 | 5833.831 | ---         | PASS    |
|           | Ant2    | 5825    | 17.662    | 5816.169 | 5833.831 | ---         | PASS    |
| 11N40SISO | Ant1    | 5190    | 36.444    | 5171.858 | 5208.302 | ---         | PASS    |
|           | Ant2    | 5190    | 36.444    | 5171.858 | 5208.302 | ---         | PASS    |
|           | Ant1    | 5230    | 36.444    | 5211.858 | 5248.302 | ---         | PASS    |
|           | Ant2    | 5230    | 36.444    | 5211.858 | 5248.302 | ---         | PASS    |
|           | Ant1    | 5270    | 36.444    | 5251.938 | 5288.382 | ---         | PASS    |
|           | Ant2    | 5270    | 36.444    | 5251.858 | 5288.302 | ---         | PASS    |

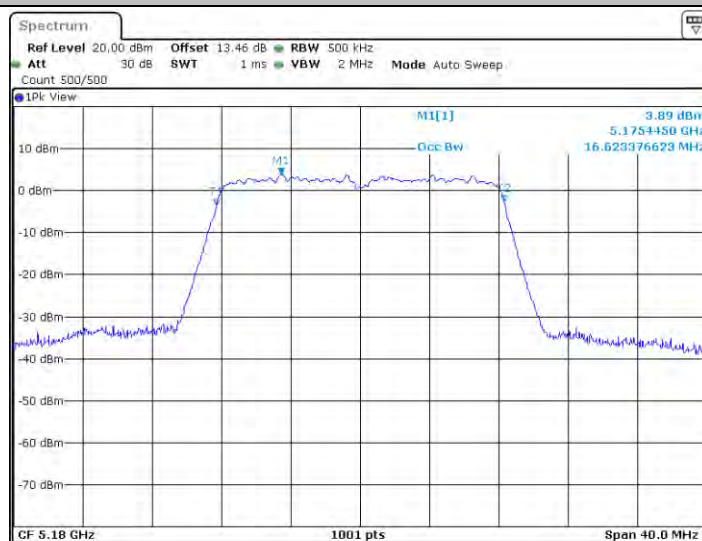
| Test Mode  | Antenna | Channel | OCB [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|------------|---------|---------|-----------|----------|----------|-------------|---------|
|            | Ant1    | 5310    | 36.523    | 5291.858 | 5328.382 | ---         | PASS    |
|            | Ant2    | 5310    | 36.444    | 5291.858 | 5328.302 | ---         | PASS    |
|            | Ant1    | 5510    | 37.163    | 5491.538 | 5528.701 | ---         | PASS    |
|            | Ant2    | 5510    | 36.444    | 5491.858 | 5528.302 | ---         | PASS    |
|            | Ant1    | 5550    | 37.083    | 5531.538 | 5568.621 | ---         | PASS    |
|            | Ant2    | 5550    | 36.523    | 5531.858 | 5568.382 | ---         | PASS    |
|            | Ant1    | 5670    | 36.603    | 5651.698 | 5688.302 | ---         | PASS    |
|            | Ant2    | 5670    | 36.444    | 5651.858 | 5688.302 | ---         | PASS    |
|            | Ant1    | 5755    | 36.523    | 5736.778 | 5773.302 | ---         | PASS    |
|            | Ant2    | 5755    | 36.444    | 5736.858 | 5773.302 | ---         | PASS    |
|            | Ant1    | 5795    | 36.603    | 5776.698 | 5813.302 | ---         | PASS    |
|            | Ant2    | 5795    | 36.523    | 5776.778 | 5813.302 | ---         | PASS    |
| 11N20MIMO  | Ant1    | 5180    | 17.702    | 5171.169 | 5188.871 | ---         | PASS    |
|            | Ant2    | 5180    | 17.702    | 5171.169 | 5188.871 | ---         | PASS    |
|            | Ant1    | 5200    | 17.702    | 5191.169 | 5208.871 | ---         | PASS    |
|            | Ant2    | 5200    | 17.702    | 5191.169 | 5208.871 | ---         | PASS    |
|            | Ant1    | 5240    | 17.702    | 5231.169 | 5248.871 | ---         | PASS    |
|            | Ant2    | 5240    | 17.702    | 5231.169 | 5248.871 | ---         | PASS    |
|            | Ant1    | 5260    | 17.742    | 5251.169 | 5268.911 | ---         | PASS    |
|            | Ant2    | 5260    | 17.702    | 5251.169 | 5268.871 | ---         | PASS    |
|            | Ant1    | 5280    | 17.702    | 5271.169 | 5288.871 | ---         | PASS    |
|            | Ant2    | 5280    | 17.702    | 5271.169 | 5288.871 | ---         | PASS    |
|            | Ant1    | 5320    | 17.702    | 5311.169 | 5328.871 | ---         | PASS    |
|            | Ant2    | 5320    | 17.702    | 5311.169 | 5328.871 | ---         | PASS    |
|            | Ant1    | 5500    | 17.742    | 5491.169 | 5508.911 | ---         | PASS    |
|            | Ant2    | 5500    | 17.702    | 5491.169 | 5508.871 | ---         | PASS    |
|            | Ant1    | 5580    | 17.702    | 5571.169 | 5588.871 | ---         | PASS    |
|            | Ant2    | 5580    | 17.702    | 5571.169 | 5588.871 | ---         | PASS    |
|            | Ant1    | 5700    | 17.702    | 5691.169 | 5708.871 | ---         | PASS    |
|            | Ant2    | 5700    | 17.702    | 5691.169 | 5708.871 | ---         | PASS    |
|            | Ant1    | 5745    | 17.702    | 5736.169 | 5753.871 | ---         | PASS    |
|            | Ant2    | 5745    | 17.702    | 5736.169 | 5753.871 | ---         | PASS    |
|            | Ant1    | 5785    | 17.702    | 5776.169 | 5793.871 | ---         | PASS    |
|            | Ant2    | 5785    | 17.702    | 5776.169 | 5793.871 | ---         | PASS    |
|            | Ant1    | 5825    | 17.702    | 5816.169 | 5833.871 | ---         | PASS    |
|            | Ant2    | 5825    | 17.702    | 5816.169 | 5833.871 | ---         | PASS    |
| 11AC40SISO | Ant1    | 5190    | 36.444    | 5171.858 | 5208.302 | ---         | PASS    |
|            | Ant2    | 5190    | 36.444    | 5171.858 | 5208.302 | ---         | PASS    |
|            | Ant1    | 5230    | 36.444    | 5211.858 | 5248.302 | ---         | PASS    |
|            | Ant2    | 5230    | 36.364    | 5211.938 | 5248.302 | ---         | PASS    |
|            | Ant1    | 5270    | 36.444    | 5251.858 | 5288.302 | ---         | PASS    |
|            | Ant2    | 5270    | 36.444    | 5251.858 | 5288.302 | ---         | PASS    |
|            | Ant1    | 5310    | 36.444    | 5291.858 | 5328.302 | ---         | PASS    |

| Test Mode  | Antenna | Channel | OCB [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|------------|---------|---------|-----------|----------|----------|-------------|---------|
|            | Ant2    | 5310    | 36.444    | 5291.858 | 5328.302 | ---         | PASS    |
|            | Ant1    | 5510    | 36.523    | 5491.858 | 5528.382 | ---         | PASS    |
|            | Ant2    | 5510    | 36.523    | 5491.858 | 5528.382 | ---         | PASS    |
|            | Ant1    | 5550    | 36.523    | 5531.778 | 5568.302 | ---         | PASS    |
|            | Ant2    | 5550    | 36.444    | 5531.858 | 5568.302 | ---         | PASS    |
|            | Ant1    | 5670    | 36.523    | 5651.778 | 5688.302 | ---         | PASS    |
|            | Ant2    | 5670    | 36.444    | 5651.858 | 5688.302 | ---         | PASS    |
|            | Ant1    | 5755    | 36.523    | 5736.778 | 5773.302 | ---         | PASS    |
|            | Ant2    | 5755    | 36.444    | 5736.858 | 5773.302 | ---         | PASS    |
|            | Ant1    | 5795    | 36.523    | 5776.778 | 5813.302 | ---         | PASS    |
|            | Ant2    | 5795    | 36.523    | 5776.778 | 5813.302 | ---         | PASS    |
| 11AC80SISO | Ant1    | 5210    | 74.805    | 5172.757 | 5247.562 | ---         | PASS    |
|            | Ant2    | 5210    | 74.645    | 5172.757 | 5247.403 | ---         | PASS    |
|            | Ant1    | 5290    | 74.645    | 5252.917 | 5327.562 | ---         | PASS    |
|            | Ant2    | 5290    | 74.645    | 5252.757 | 5327.403 | ---         | PASS    |
|            | Ant1    | 5530    | 74.486    | 5492.917 | 5567.403 | ---         | PASS    |
|            | Ant2    | 5530    | 74.645    | 5492.917 | 5567.562 | ---         | PASS    |
|            | Ant1    | 5775    | 74.645    | 5737.757 | 5812.403 | ---         | PASS    |
|            | Ant2    | 5775    | 74.486    | 5737.757 | 5812.243 | ---         | PASS    |

## Test Graphs



### 11A\_Ant2\_5180



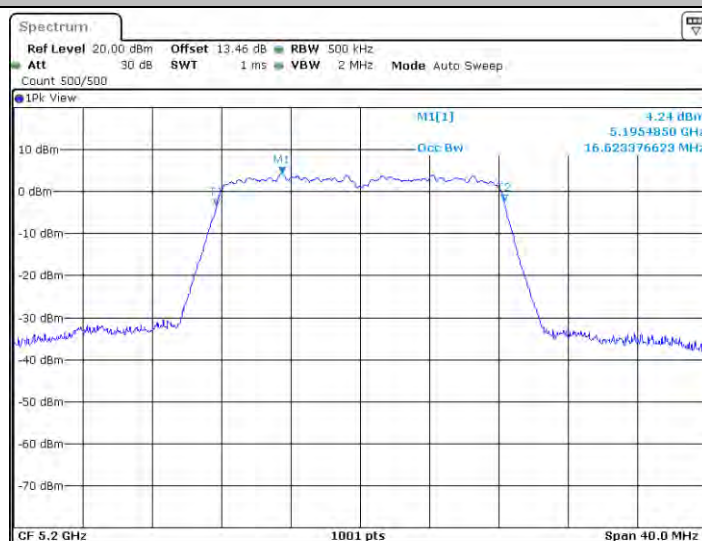
Date: 26.OCT.2020 14:47:33

### 11A\_Ant1\_5200



Date: 26.OCT.2020 09:26:20

### 11A\_Ant2\_5200

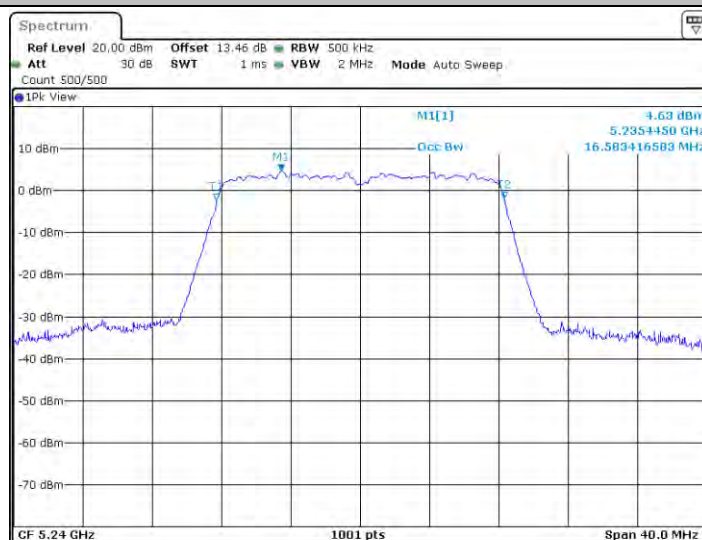


Date: 26.OCT.2020 14:53:58

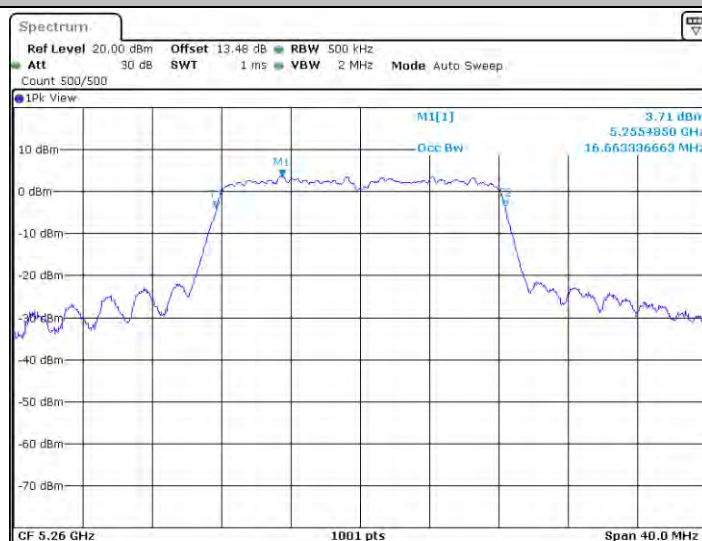
### 11A\_Ant1\_5240



### 11A\_Ant2\_5240



### 11A\_Ant1\_5260





## Date: 26 OCT 2020 09:34:39

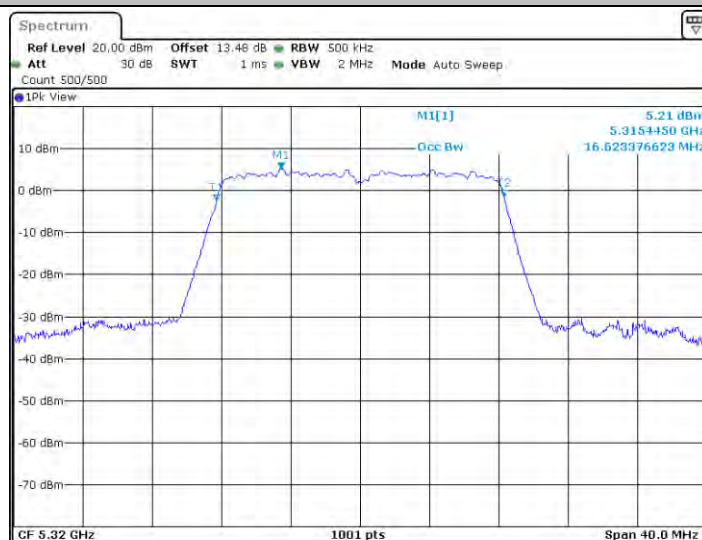
## Date: 26 OCT 2020 15:13:09

### 11A\_Ant1\_5320



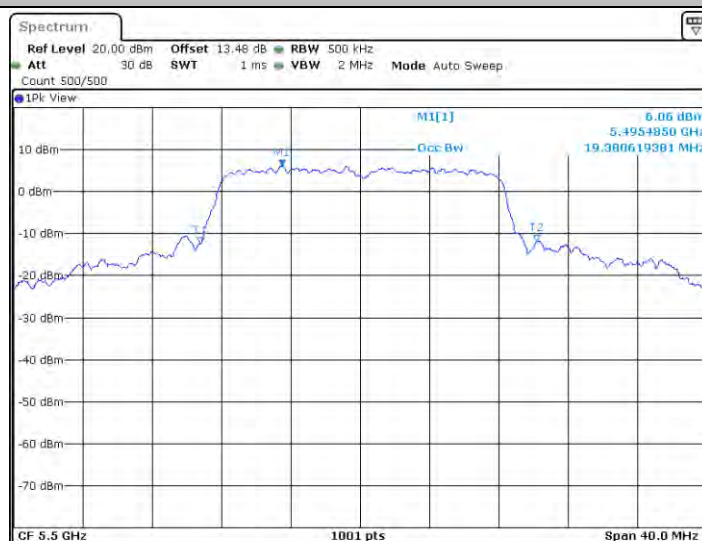
Date: 26.OCT.2020 09:37:22

### 11A\_Ant2\_5320



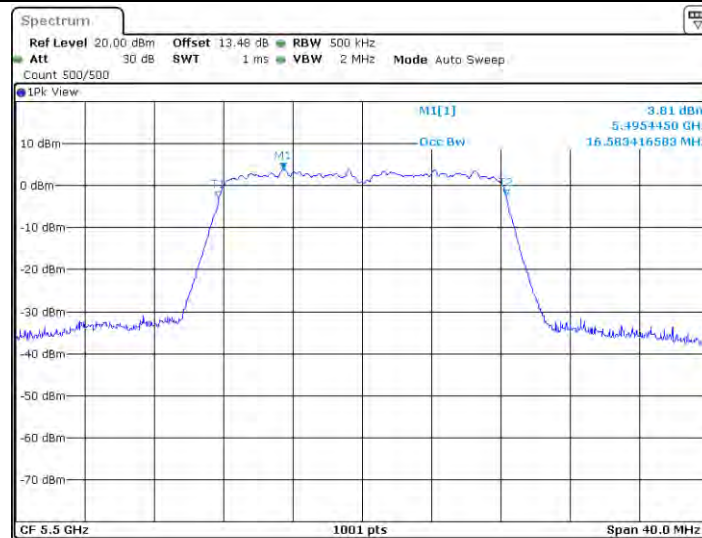
Date: 26.OCT.2020 15:19:46

### 11A\_Ant1\_5500



Date: 26.OCT.2020 09:40:12

### 11A\_Ant2\_5500



Date: 26.OCT.2020 15:26:16

### 11A\_Ant1\_5580



Date: 26.OCT.2020 09:43:15

### 11A\_Ant2\_5580



Date: 26.OCT.2020 15:32:16

### 11A\_Ant1\_5700



Date: 26.OCT.2020 09:53:10

### 11A\_Ant2\_5700



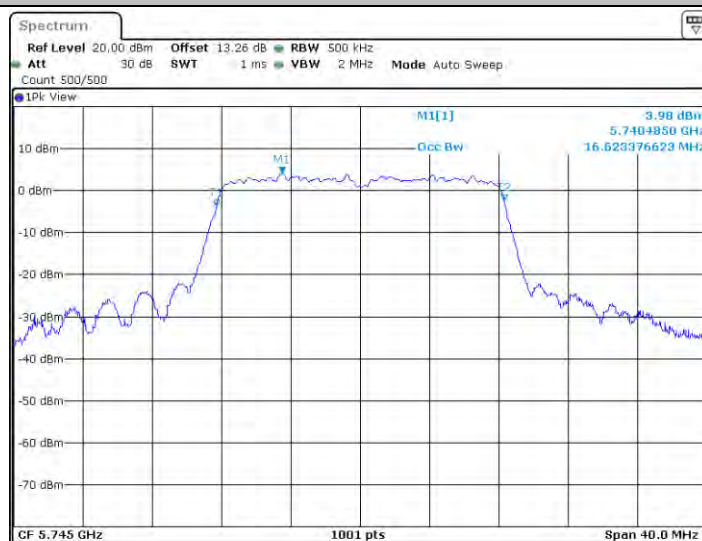
Date: 26.OCT.2020 15:38:09

### 11A\_Ant1\_5745



Date: 26.OCT.2020 09:58:24

### 11A\_Ant2\_5745



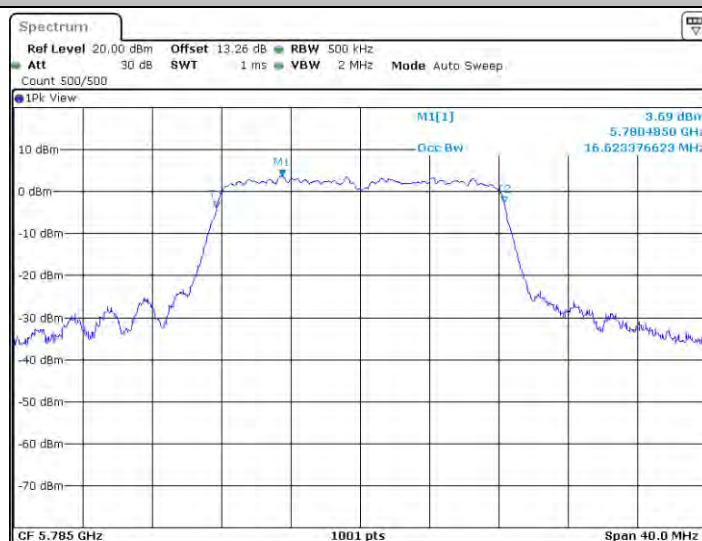
Date: 26.OCT.2020 15:51:06

### 11A\_Ant1\_5785



Date: 26.OCT.2020 09:59:25

### 11A\_Ant2\_5785



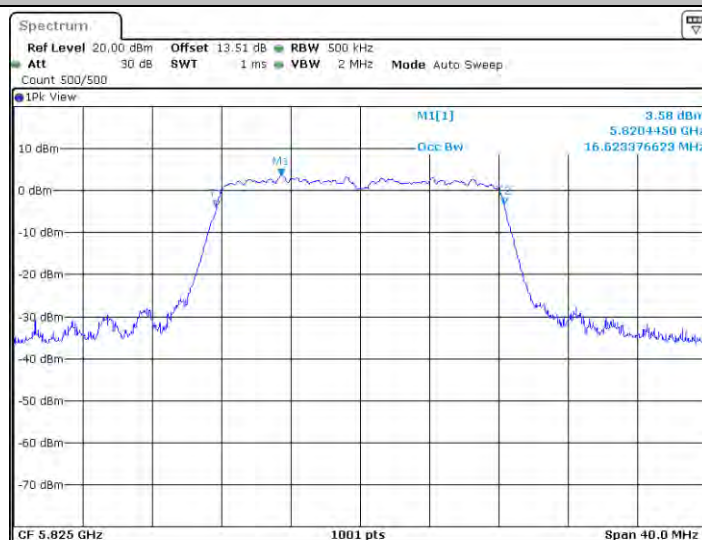
Date: 26.OCT.2020 15:57:42

### 11A\_Ant1\_5825



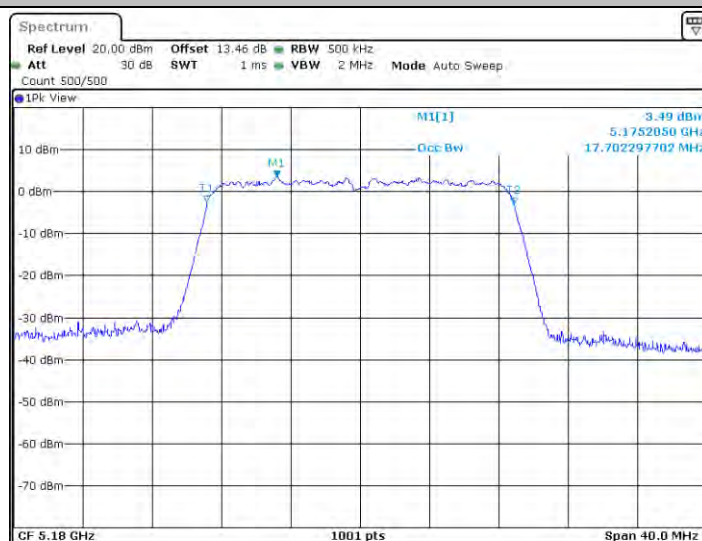
Date: 26.OCT.2020 10:02:18

### 11A\_Ant2\_5825



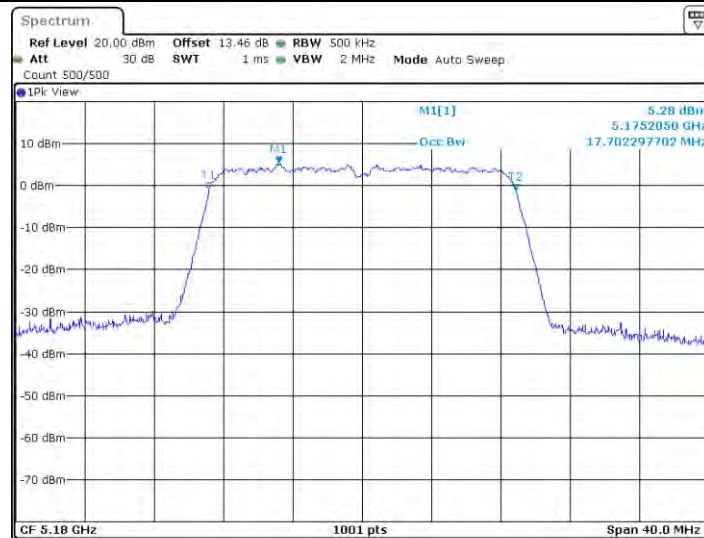
Date: 26.OCT.2020 16:16:01

### 11N20SISO\_Ant1\_5180



Date: 26.OCT.2020 10:06:45

### 11N20SISO\_Ant2\_5180



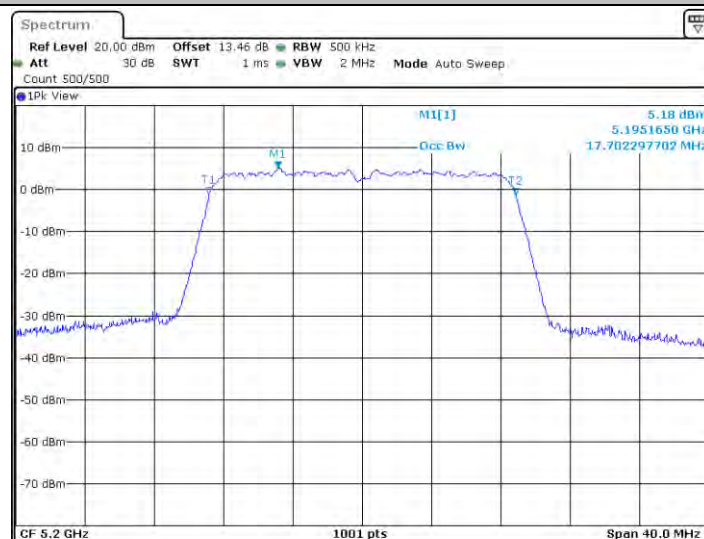
Date: 26.OCT.2020 16:23:08

### 11N20SISO\_Ant1\_5200



Date: 26.OCT.2020 10:08:20

### 11N20SISO\_Ant2\_5200



Date: 26.OCT.2020 16:31:07

### 11N20SISO\_Ant1\_5240



Date: 26.OCT.2020 10:11:59

### 11N20SISO\_Ant2\_5240



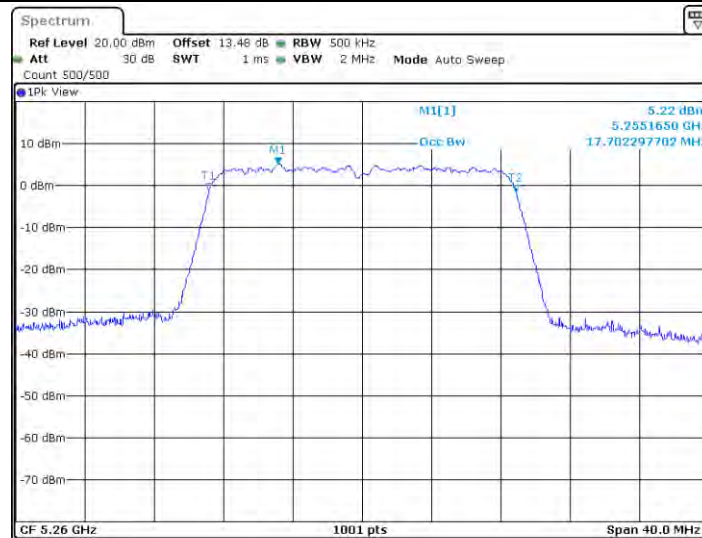
Date: 26.OCT.2020 16:37:01

### 11N20SISO\_Ant1\_5260



Date: 26.OCT.2020 10:15:45

### 11N20SISO\_Ant2\_5260



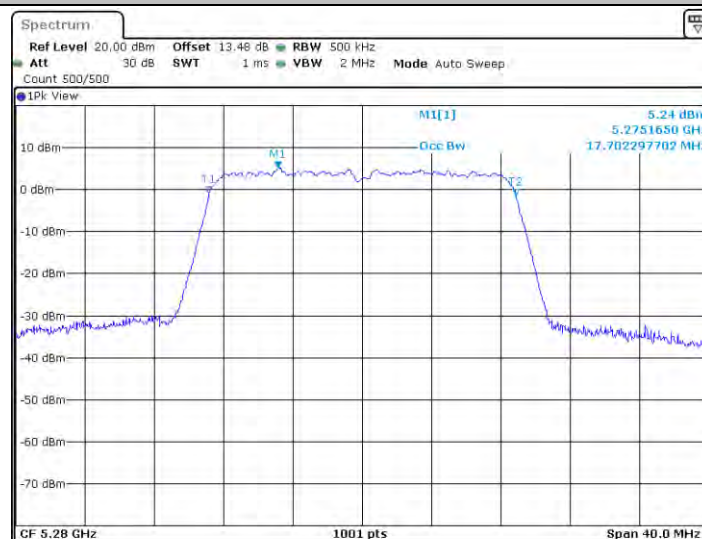
Date: 26.OCT.2020 16:44:44

### 11N20SISO\_Ant1\_5280



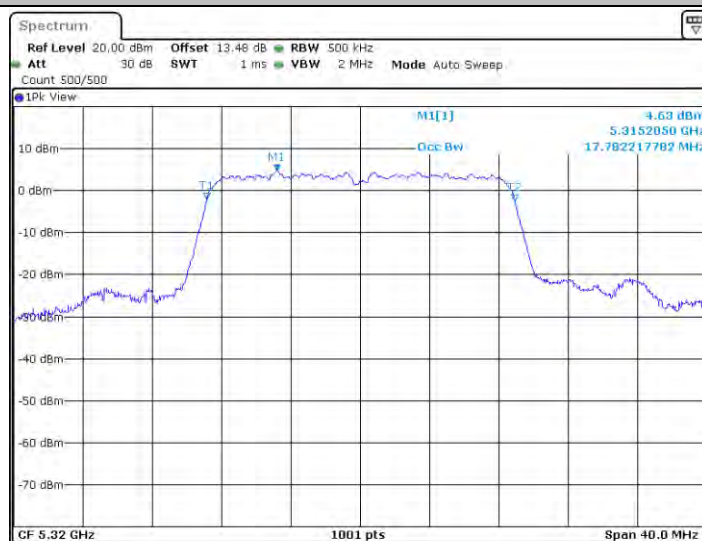
Date: 26.OCT.2020 10:19:14

### 11N20SISO\_Ant2\_5280



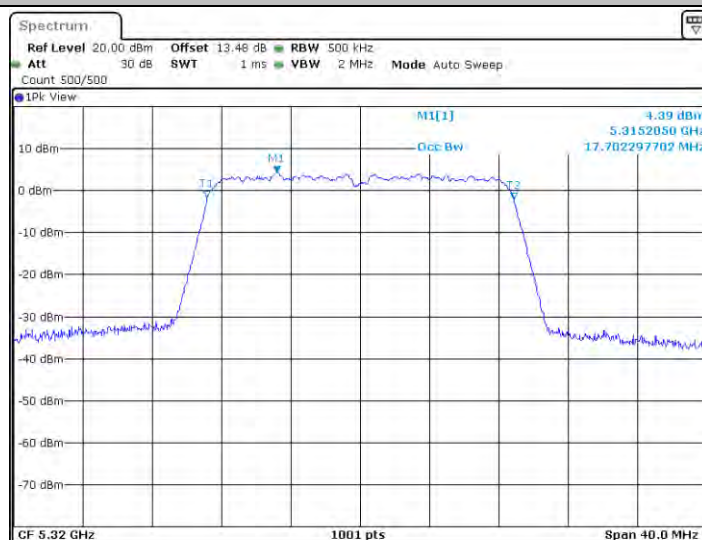
Date: 26.OCT.2020 16:50:29

### 11N20SISO\_Ant1\_5320



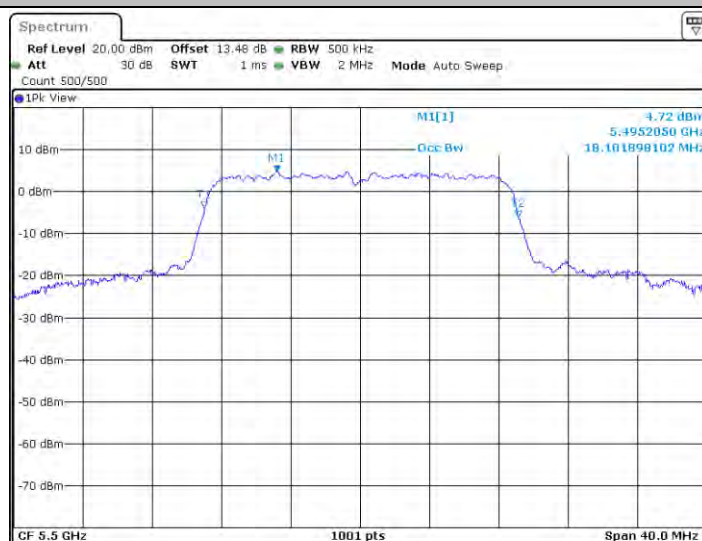
Date: 26.OCT.2020 10:22:07

### 11N20SISO\_Ant2\_5320



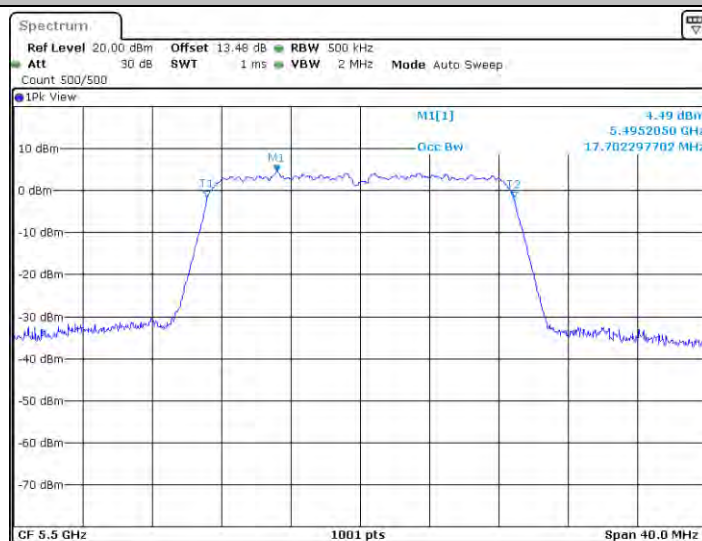
Date: 26.OCT.2020 16:57:12

### 11N20SISO\_Ant1\_5500



Date: 26.OCT.2020 10:25:22

### 11N20SISO\_Ant2\_5500



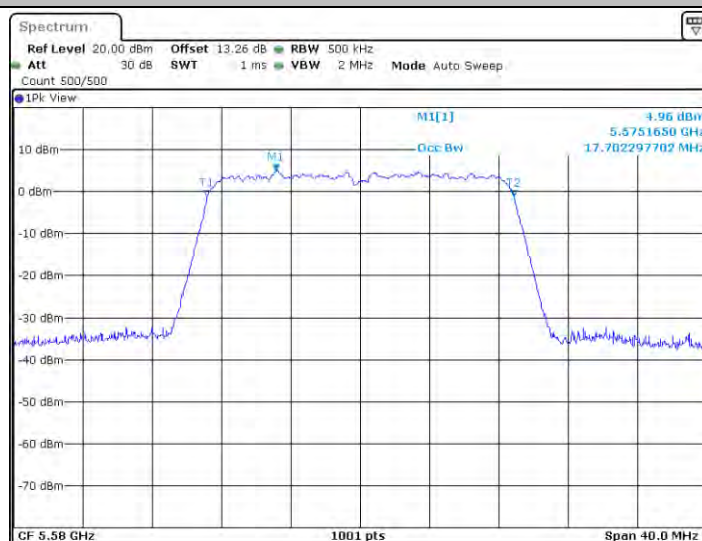
Date: 26.OCT.2020 17:03:00

### 11N20SISO\_Ant1\_5580



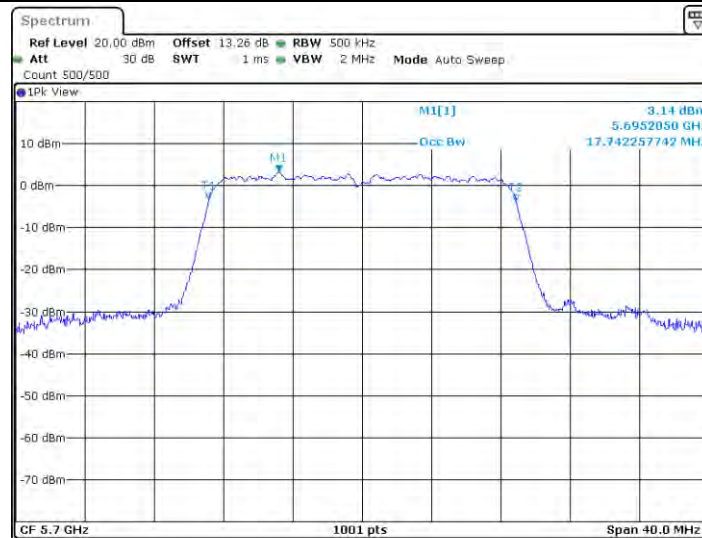
Date: 26.OCT.2020 10:29:15

### 11N20SISO\_Ant2\_5580



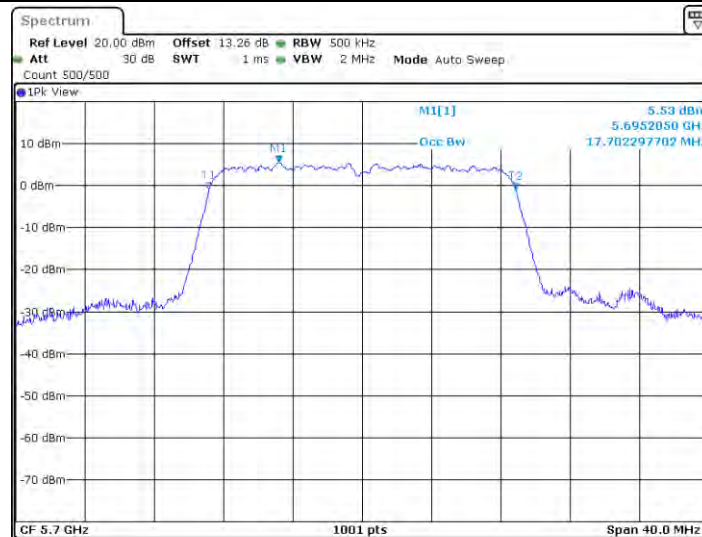
Date: 26.OCT.2020 17:08:47

### 11N20SISO\_Ant1\_5700



Date: 26.OCT.2020 10:32:30

### 11N20SISO\_Ant2\_5700



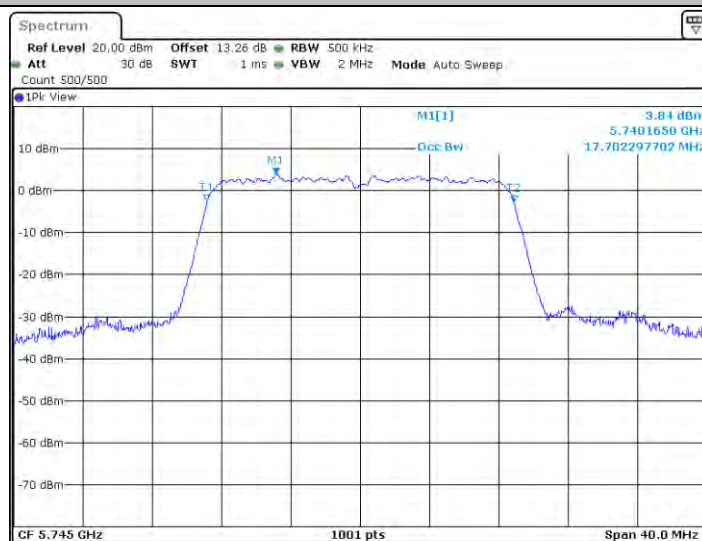
Date: 26.OCT.2020 17:14:38

### 11N20SISO\_Ant1\_5745

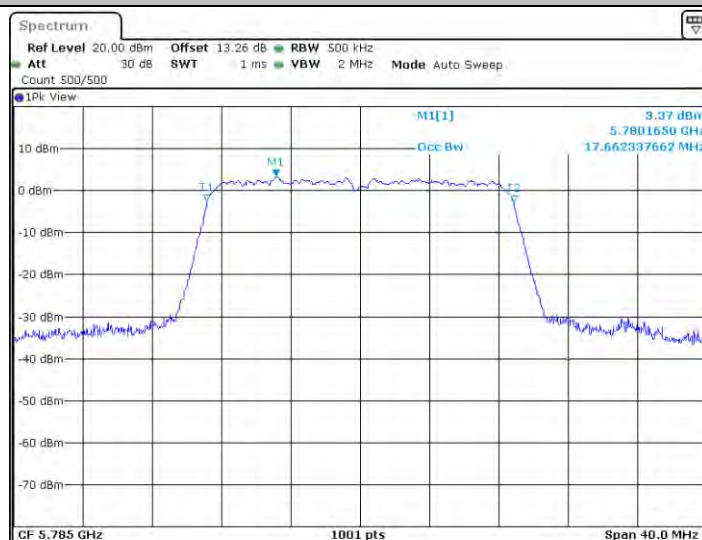


Date: 26.OCT.2020 10:35:30

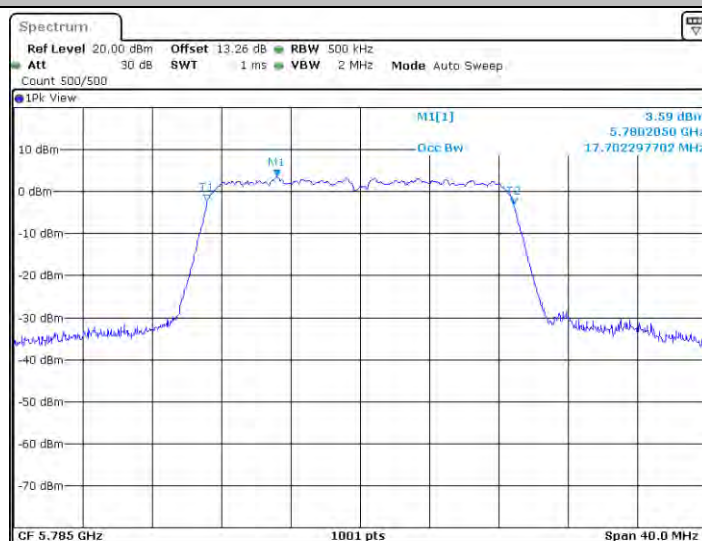
### 11N20SISO\_Ant2\_5745



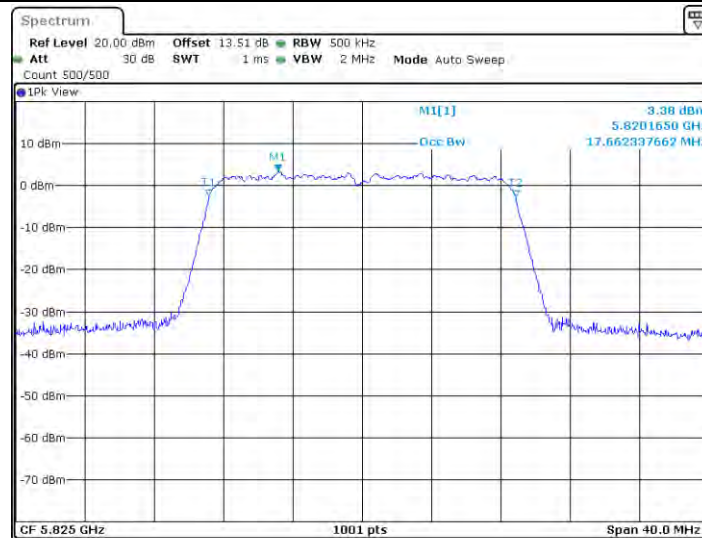
### 11N20SISO\_Ant1\_5785



### 11N20SISO\_Ant2\_5785



### 11N20SISO\_Ant1\_5825



### 11N20SISO\_Ant2\_5825



### 11N40SISO\_Ant1\_5190

