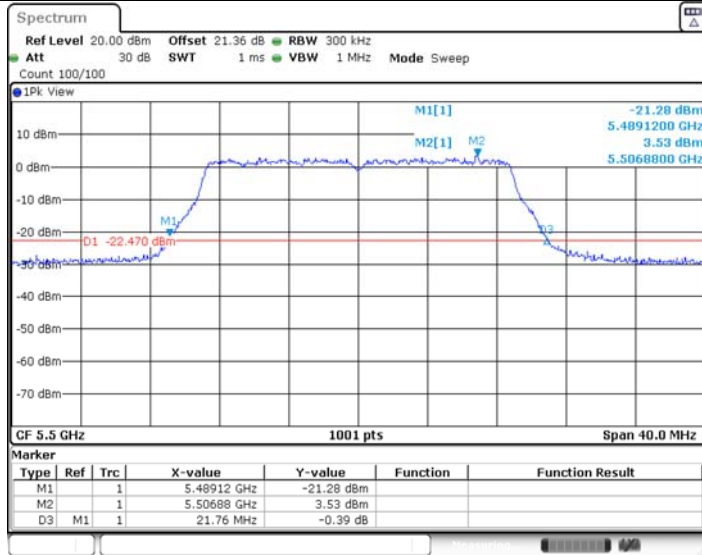
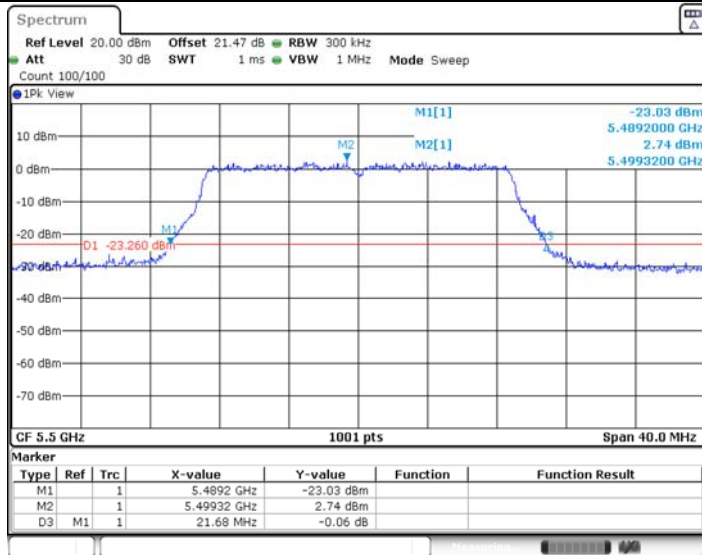


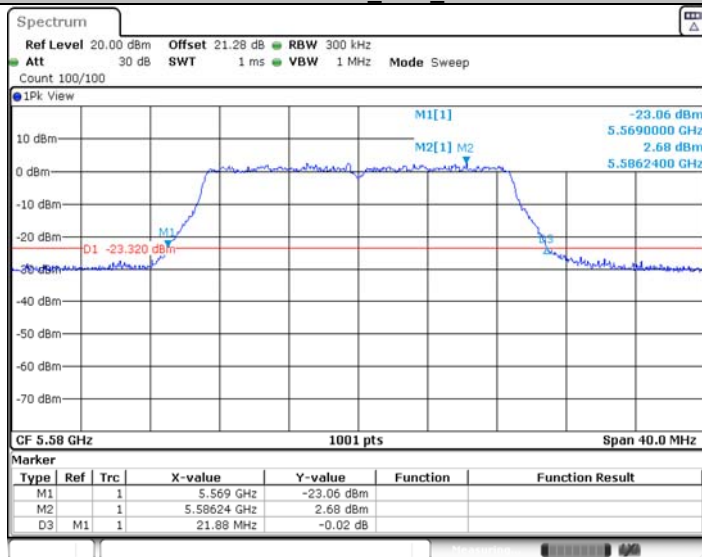
11AC20MIMO_Ant1_5500



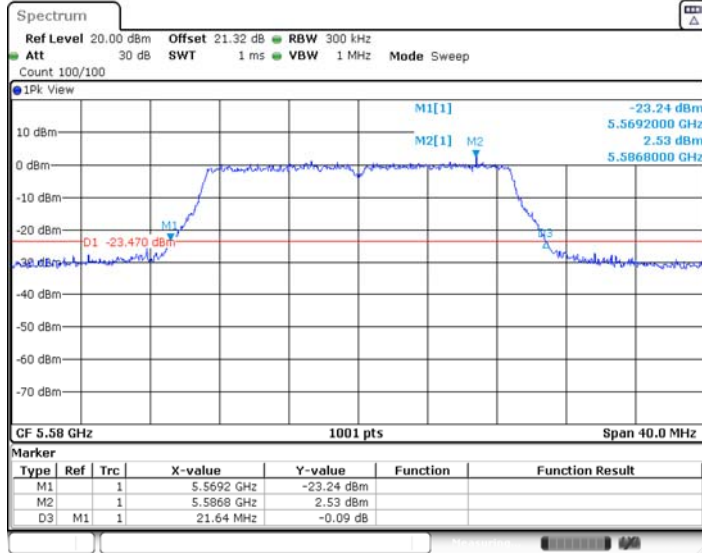
11AC20MIMO_Ant2_5500



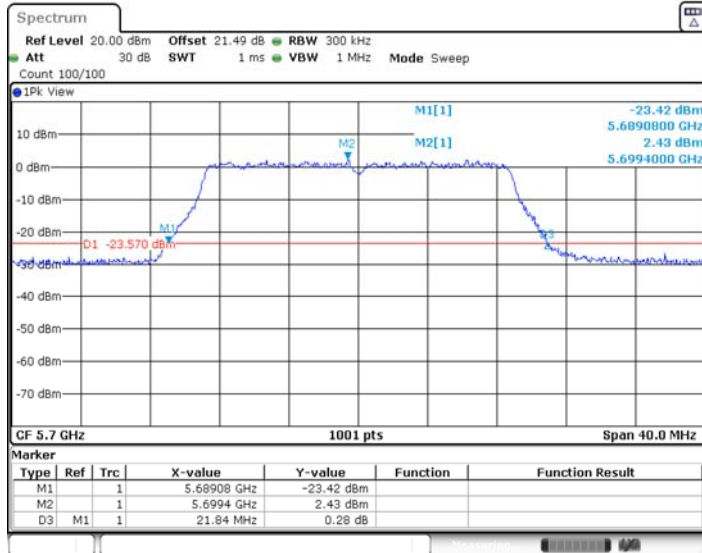
11AC20MIMO_Ant1_5580



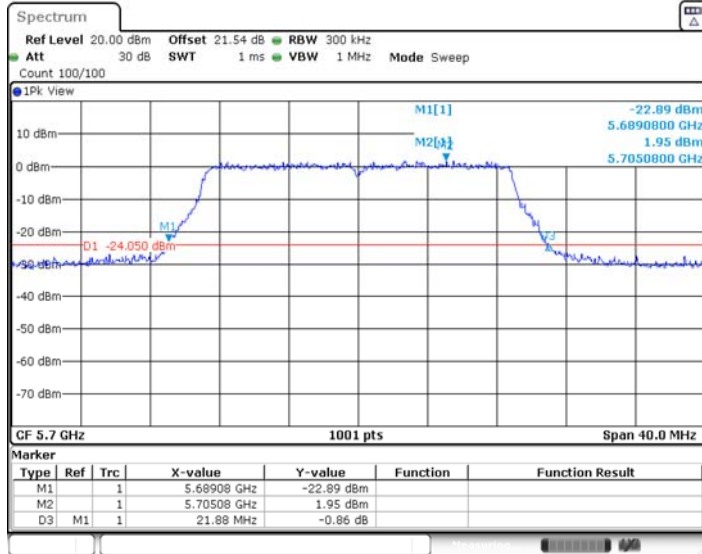
11AC20MIMO_Ant2_5580



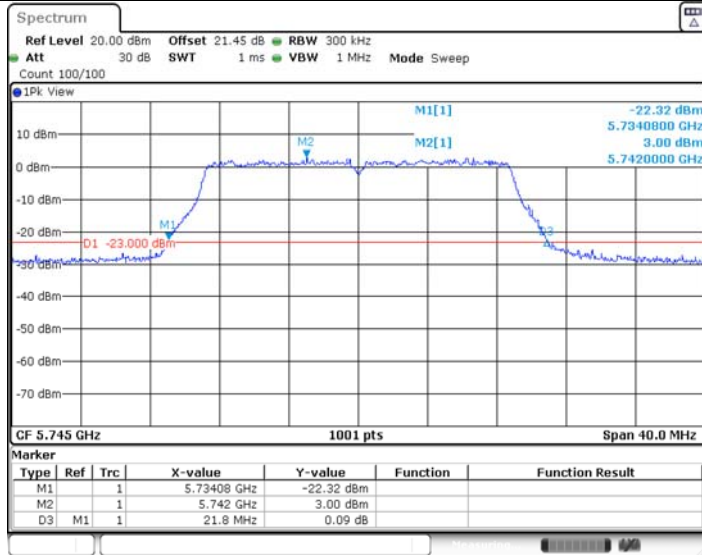
11AC20MIMO_Ant1_5700



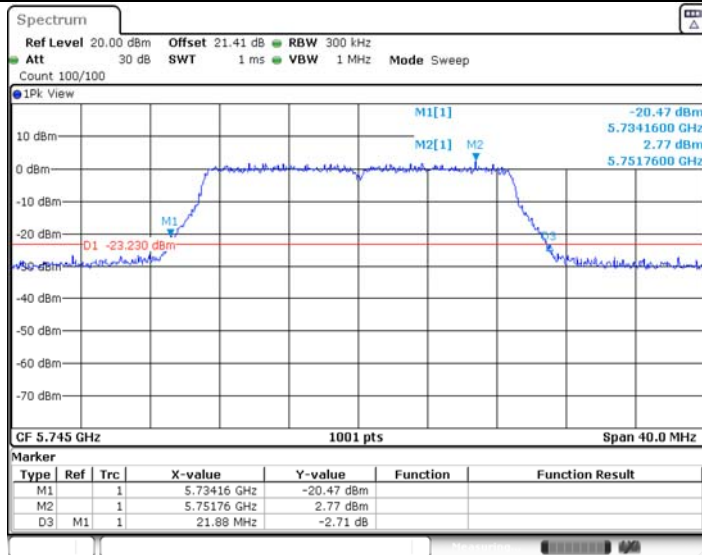
11AC20MIMO_Ant2_5700



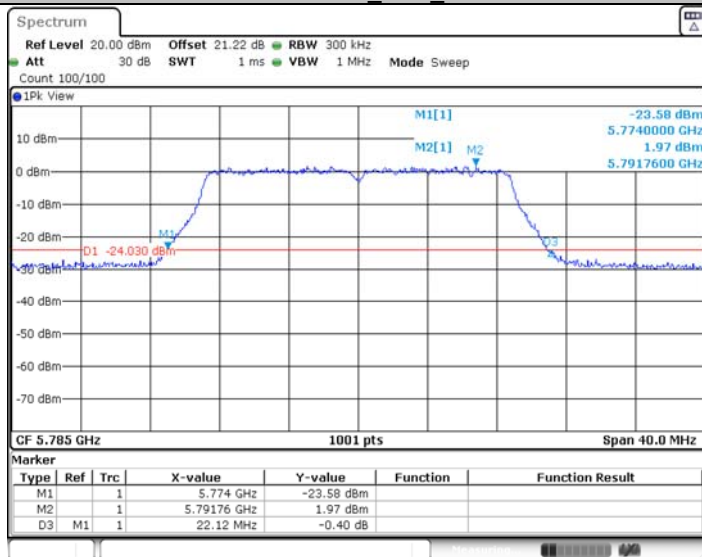
11AC20MIMO_Ant1_5745



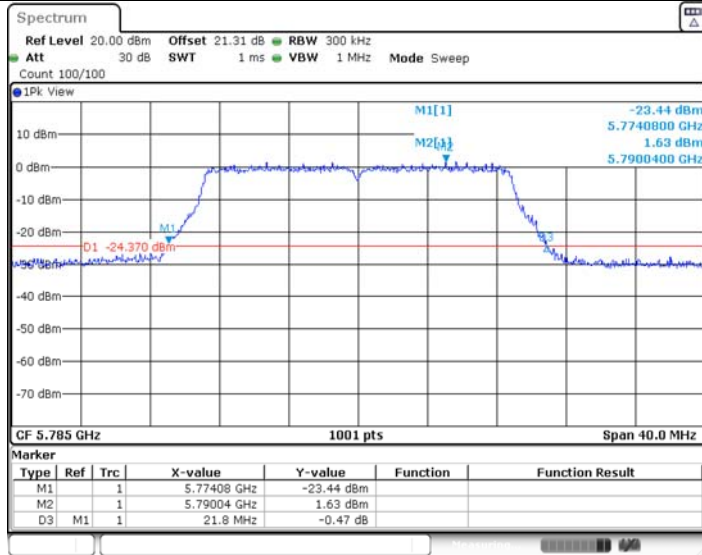
11AC20MIMO_Ant2_5745



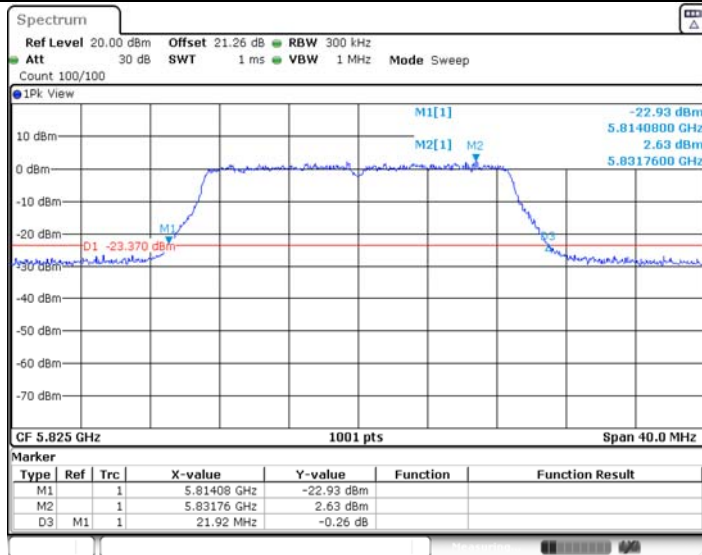
11AC20MIMO_Ant1_5785



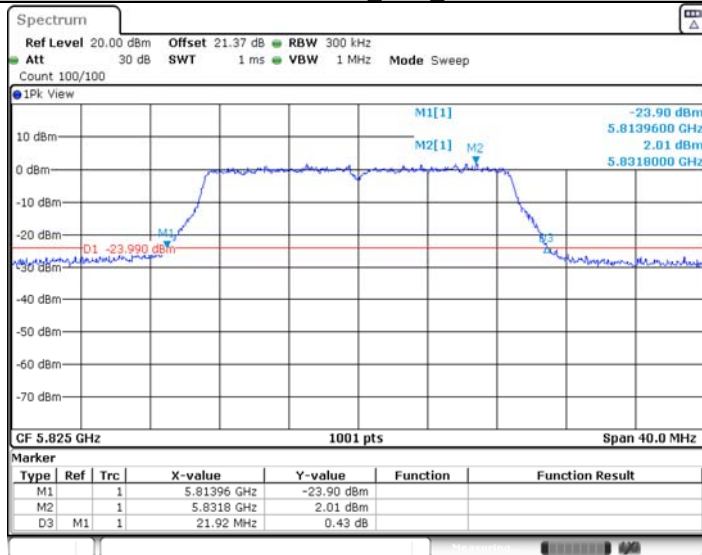
11AC20MIMO_Ant2_5785



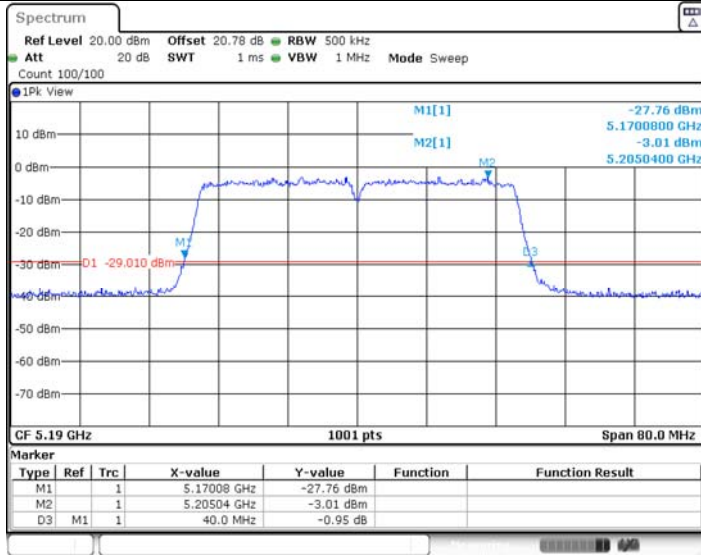
11AC20MIMO_Ant1_5825



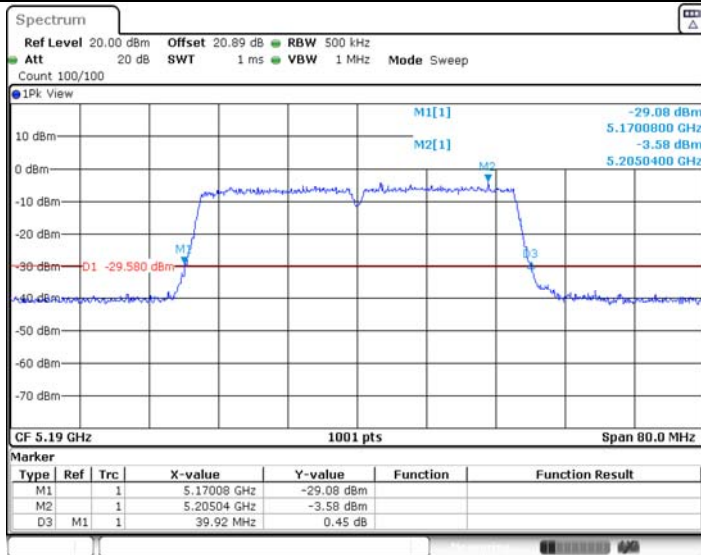
11AC20MIMO_Ant2_5825



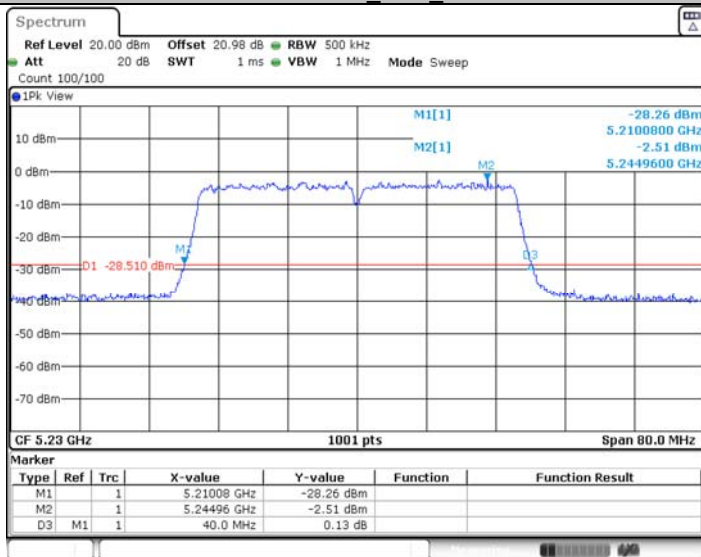
11AC40MIMO_Ant1_5190



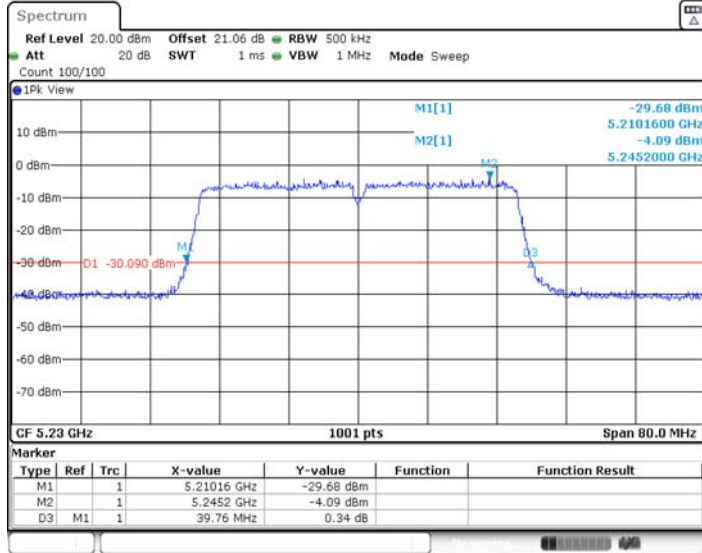
11AC40MIMO_Ant2_5190



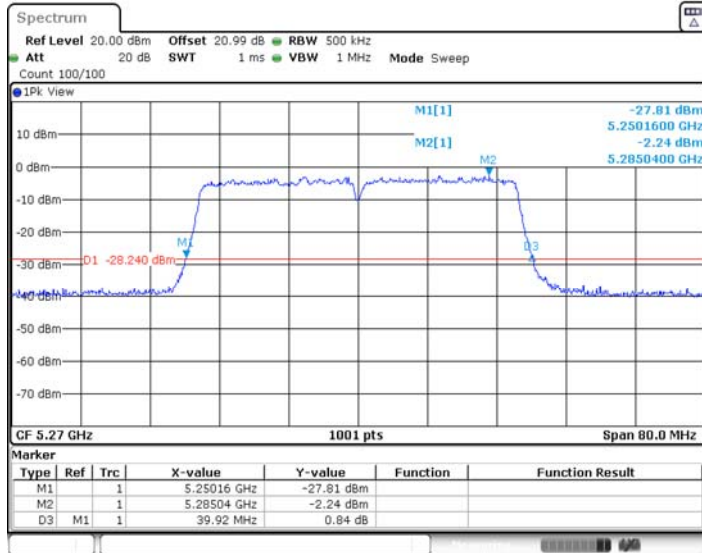
11AC40MIMO_Ant1_5230



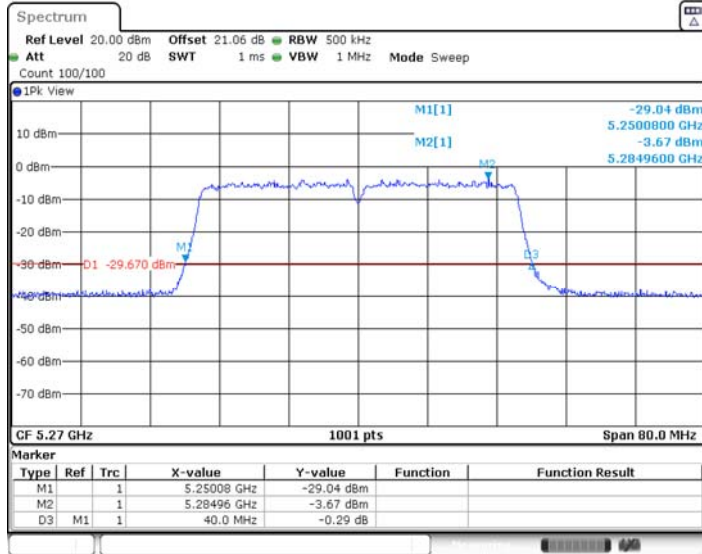
11AC40MIMO_Ant2_5230



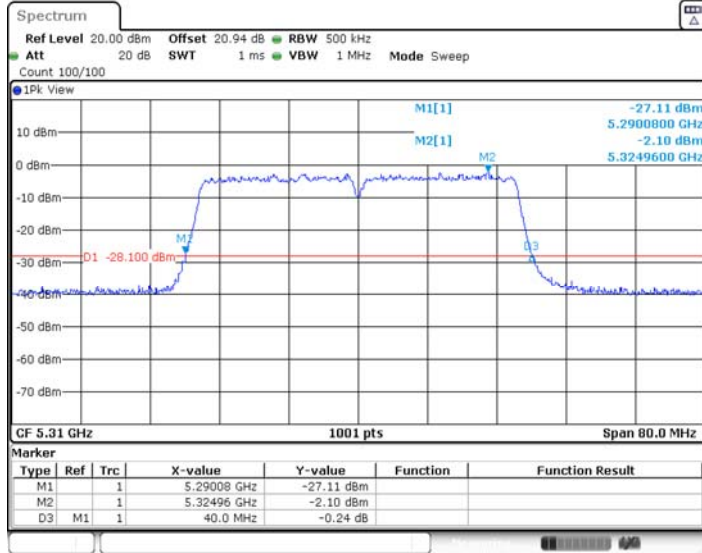
11AC40MIMO_Ant1_5270



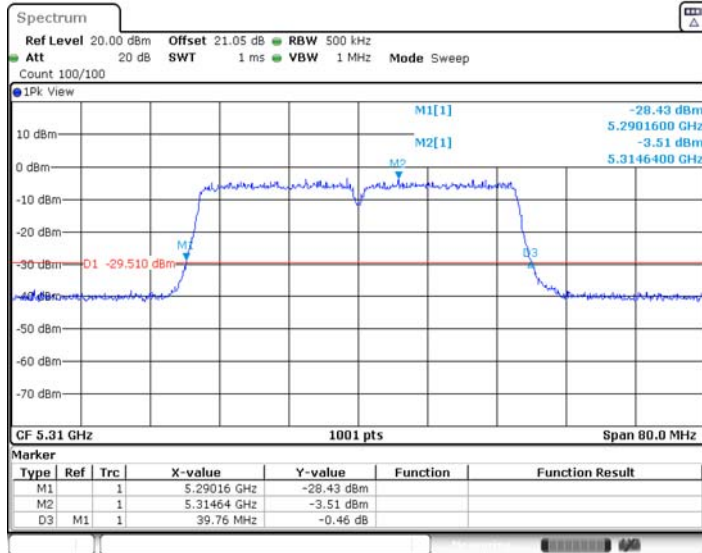
11AC40MIMO_Ant2_5270



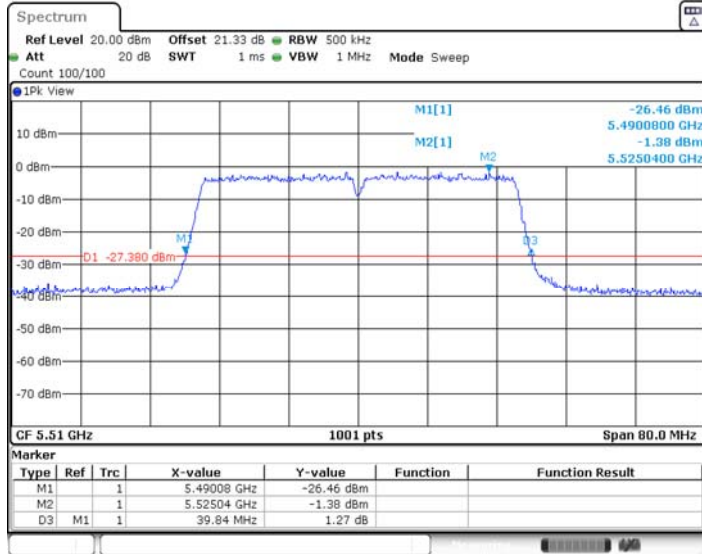
11AC40MIMO_Ant1_5310



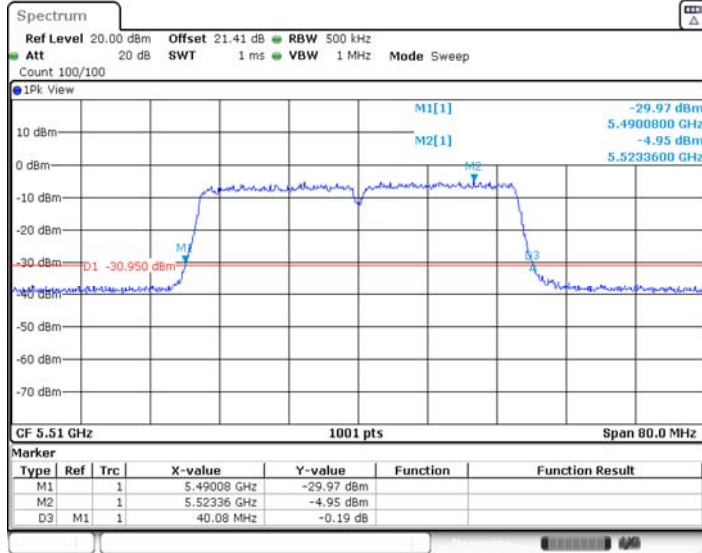
11AC40MIMO_Ant2_5310



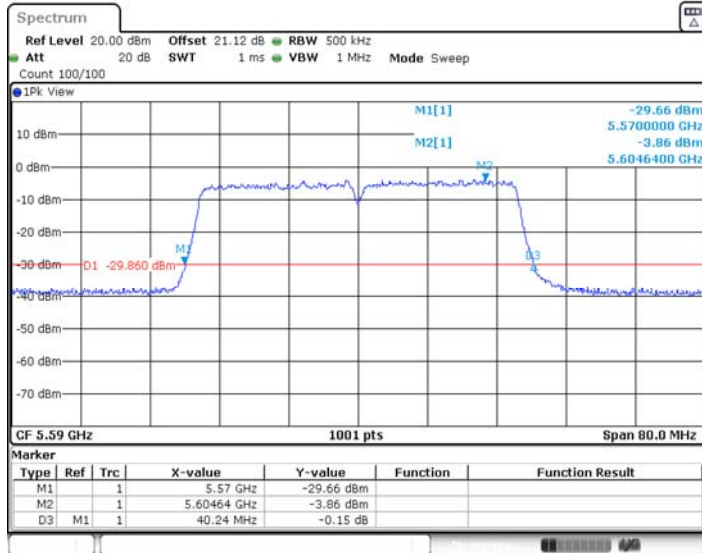
11AC40MIMO_Ant1_5510



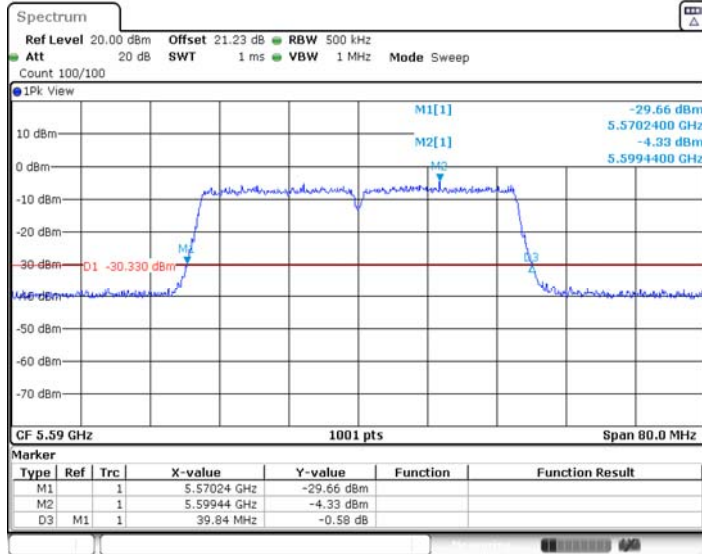
11AC40MIMO_Ant2_5510



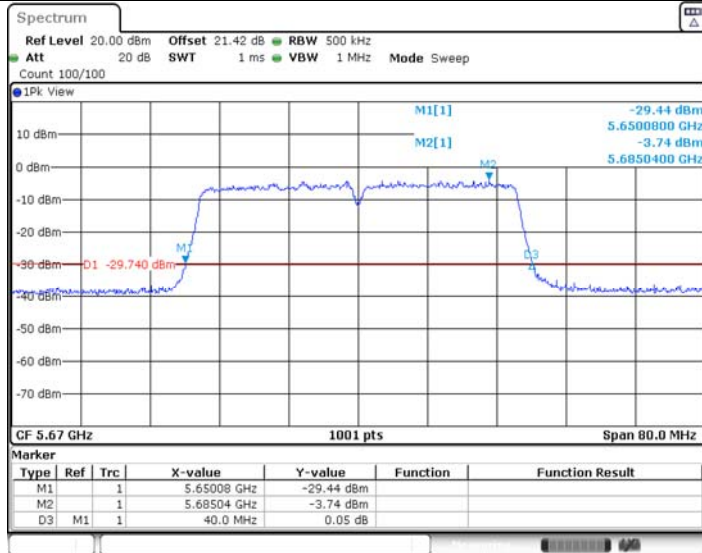
11AC40MIMO_Ant1_5590



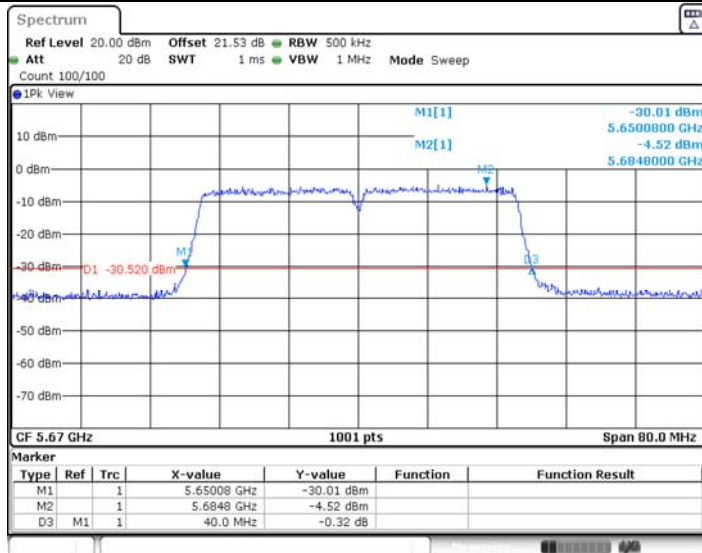
11AC40MIMO_Ant2_5590



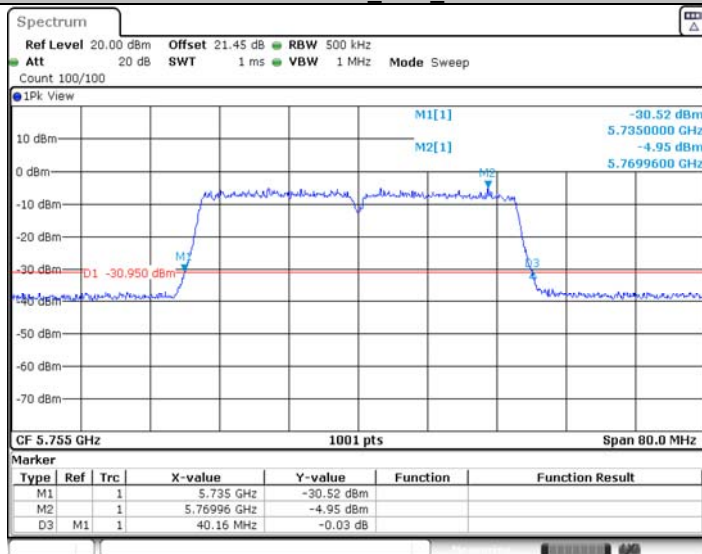
11AC40MIMO_Ant1_5670



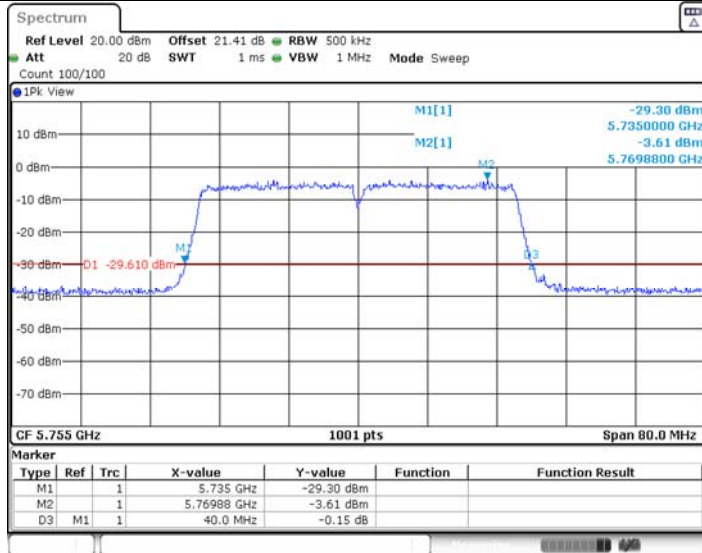
11AC40MIMO_Ant2_5670



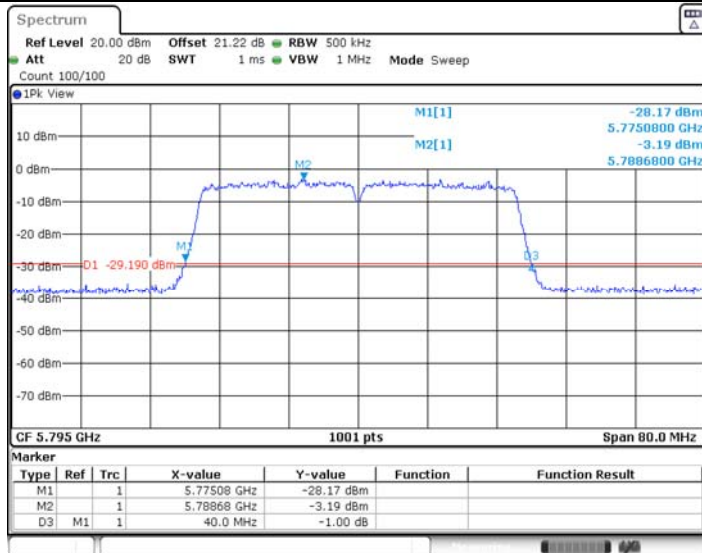
11AC40MIMO_Ant1_5755



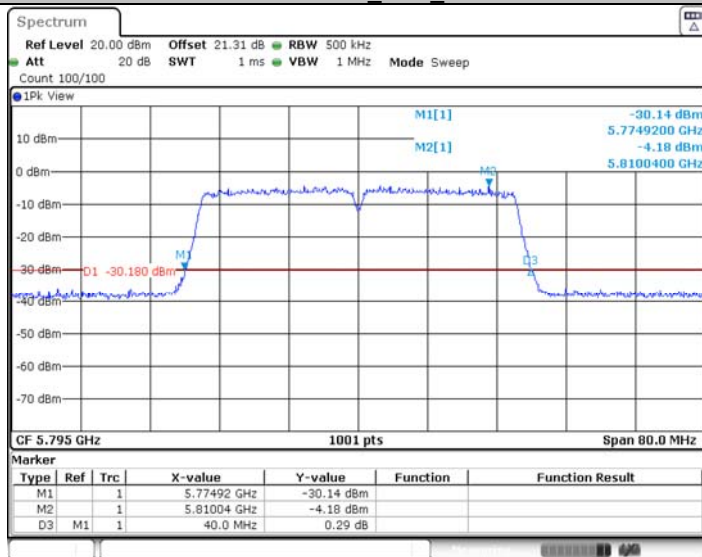
11AC40MIMO_Ant2_5755



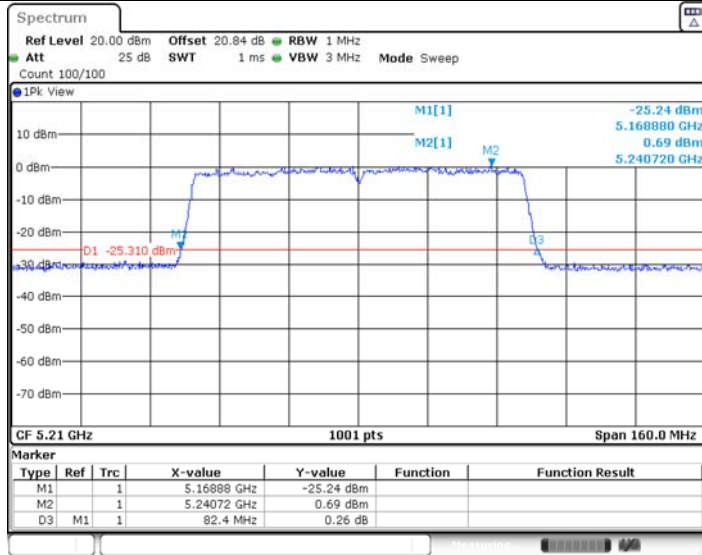
11AC40MIMO_Ant1_5795



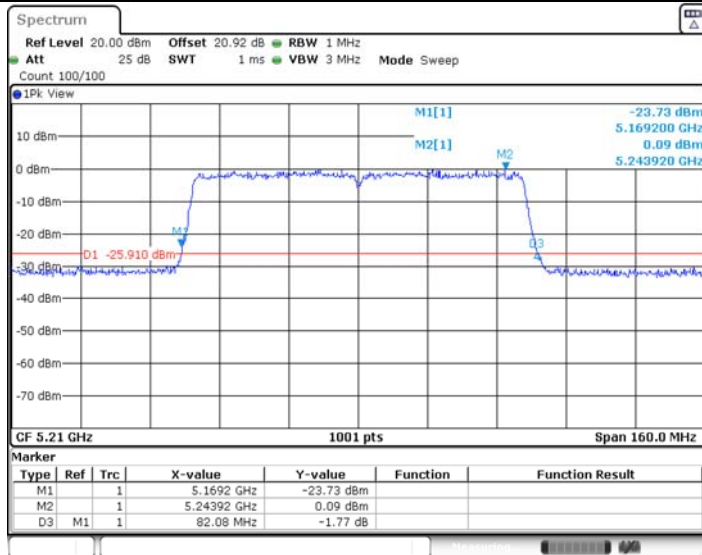
11AC40MIMO_Ant2_5795



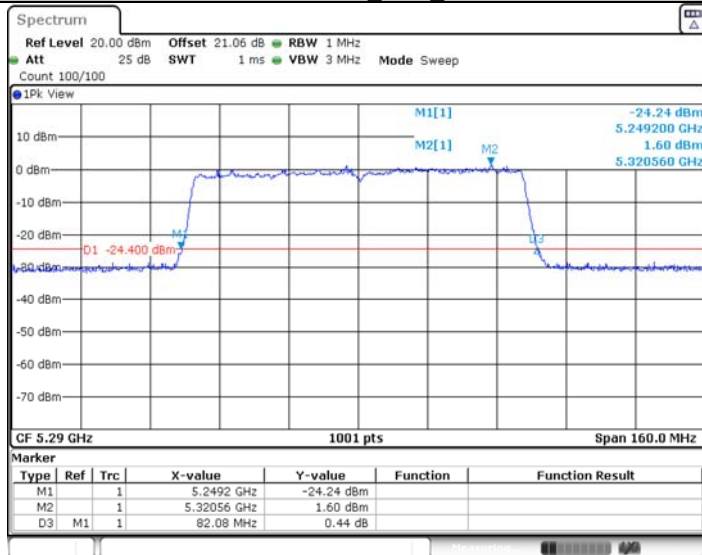
11AC80MIMO_Ant1_5210



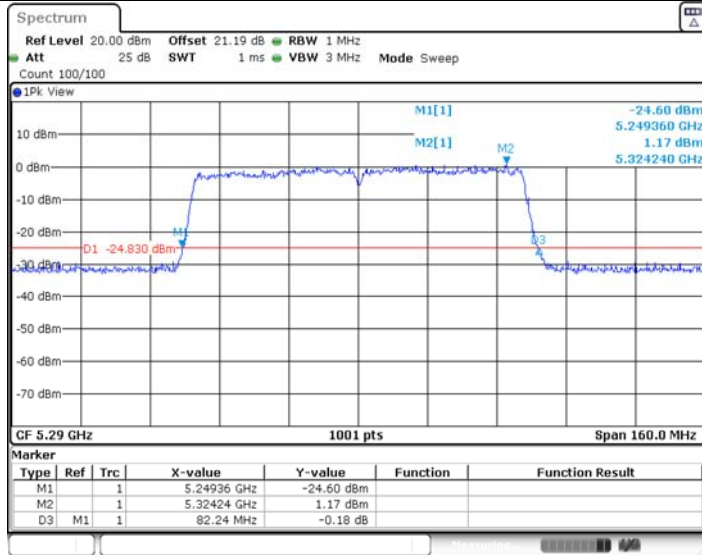
11AC80MIMO_Ant2_5210



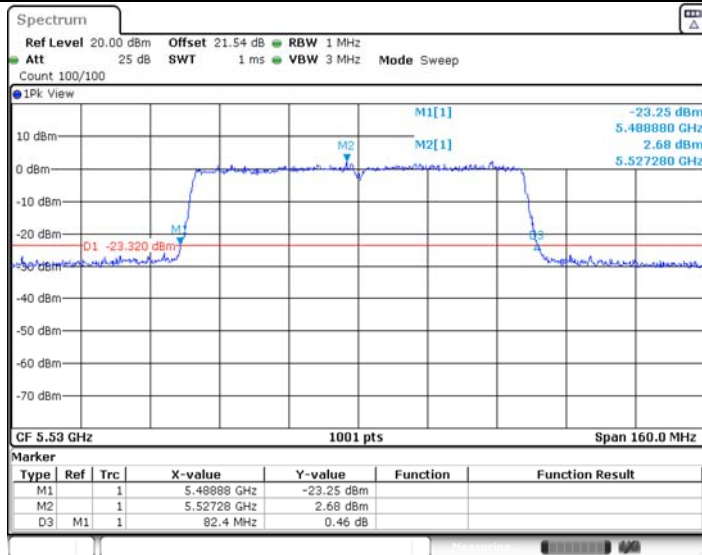
11AC80MIMO_Ant1_5290



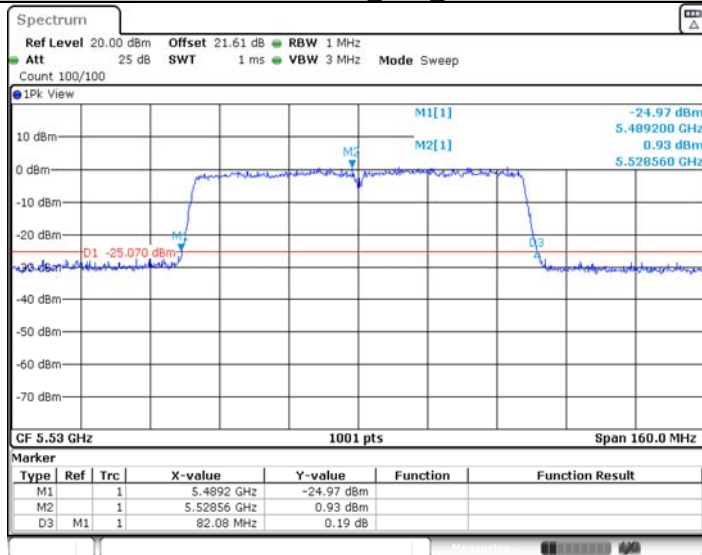
11AC80MIMO_Ant2_5290



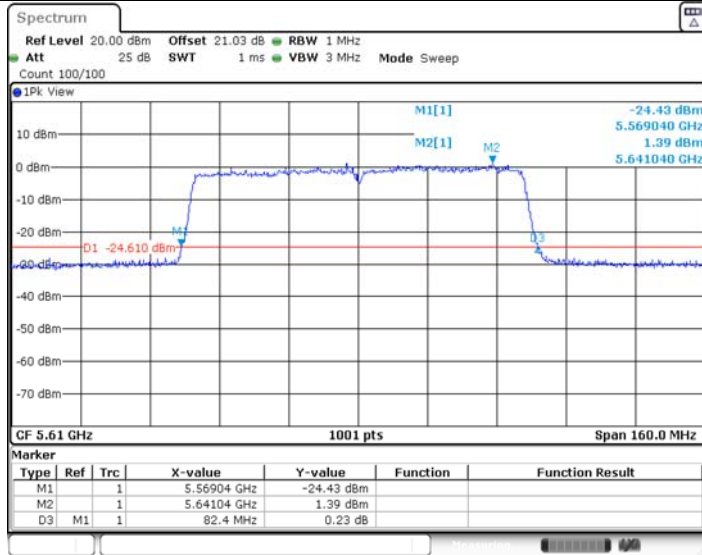
11AC80MIMO_Ant1_5530



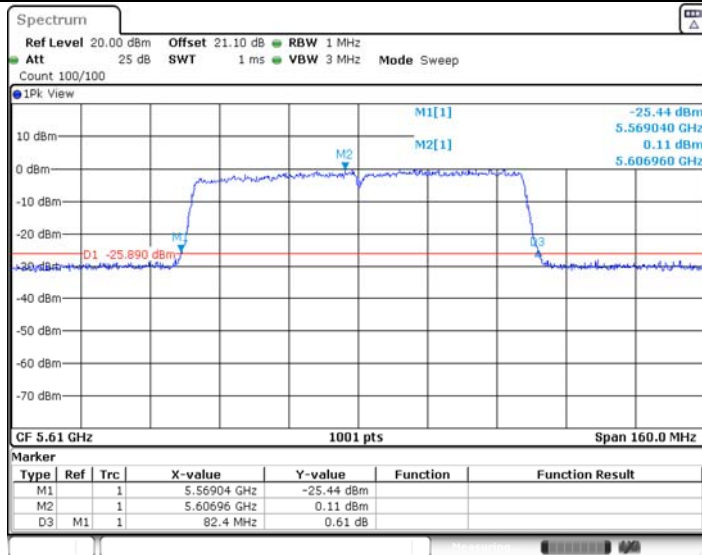
11AC80MIMO_Ant2_5530



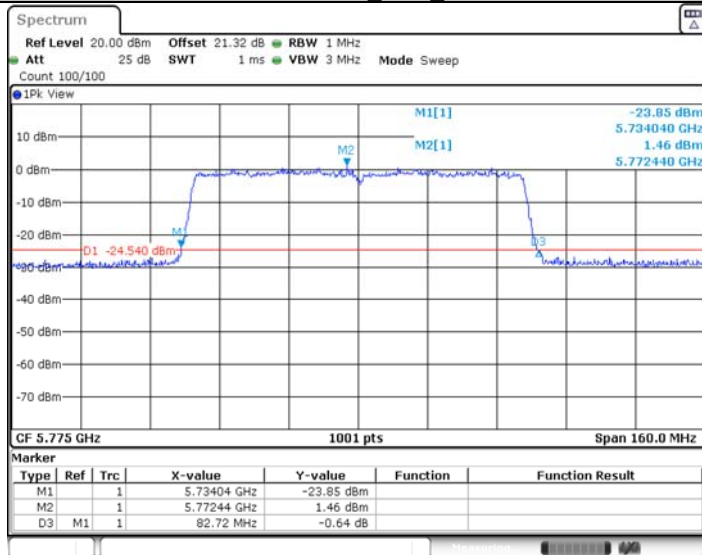
11AC80MIMO_Ant1_5610



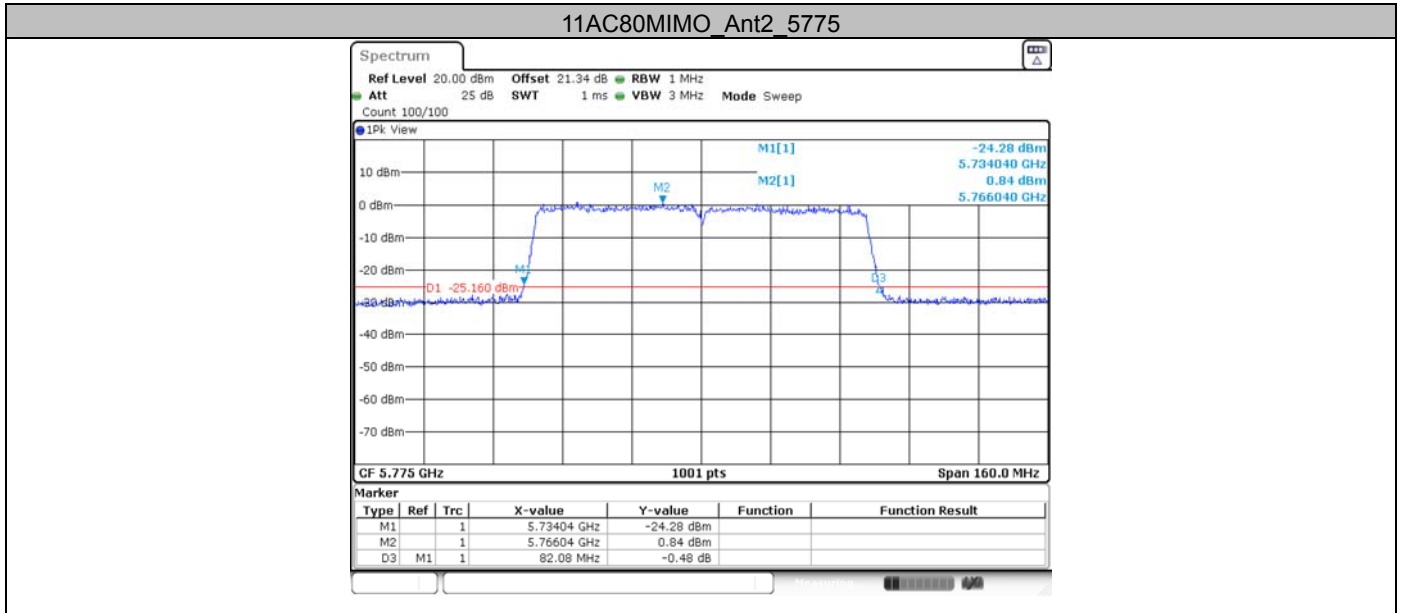
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



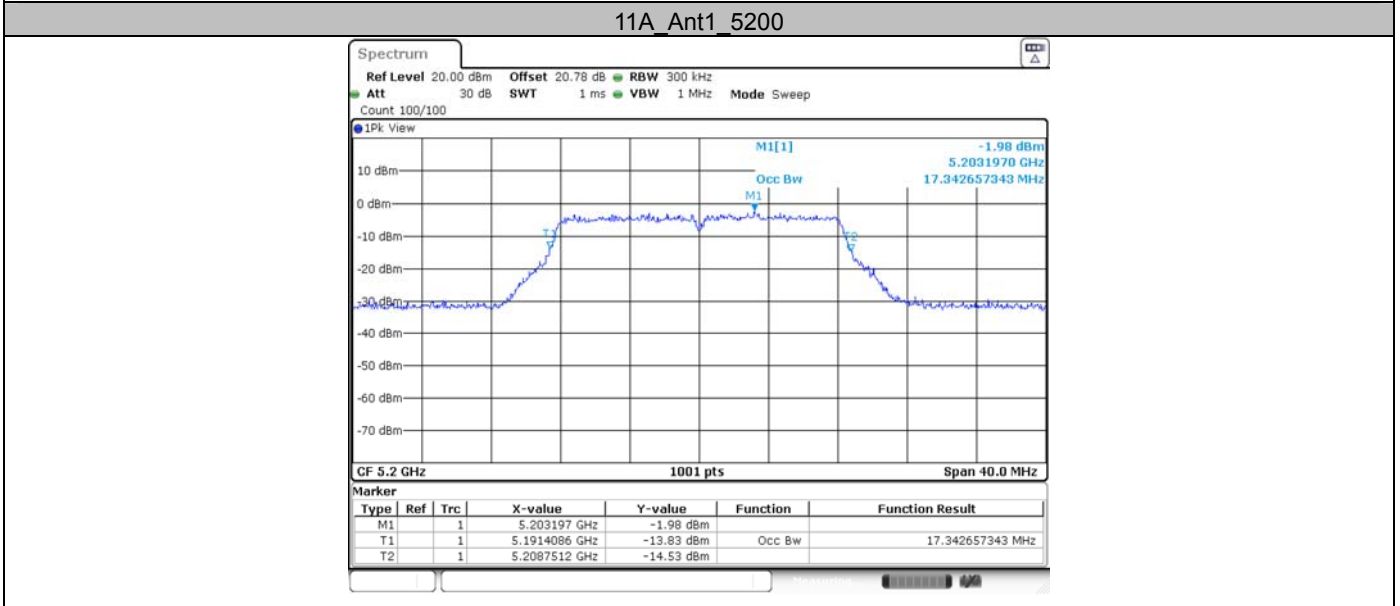
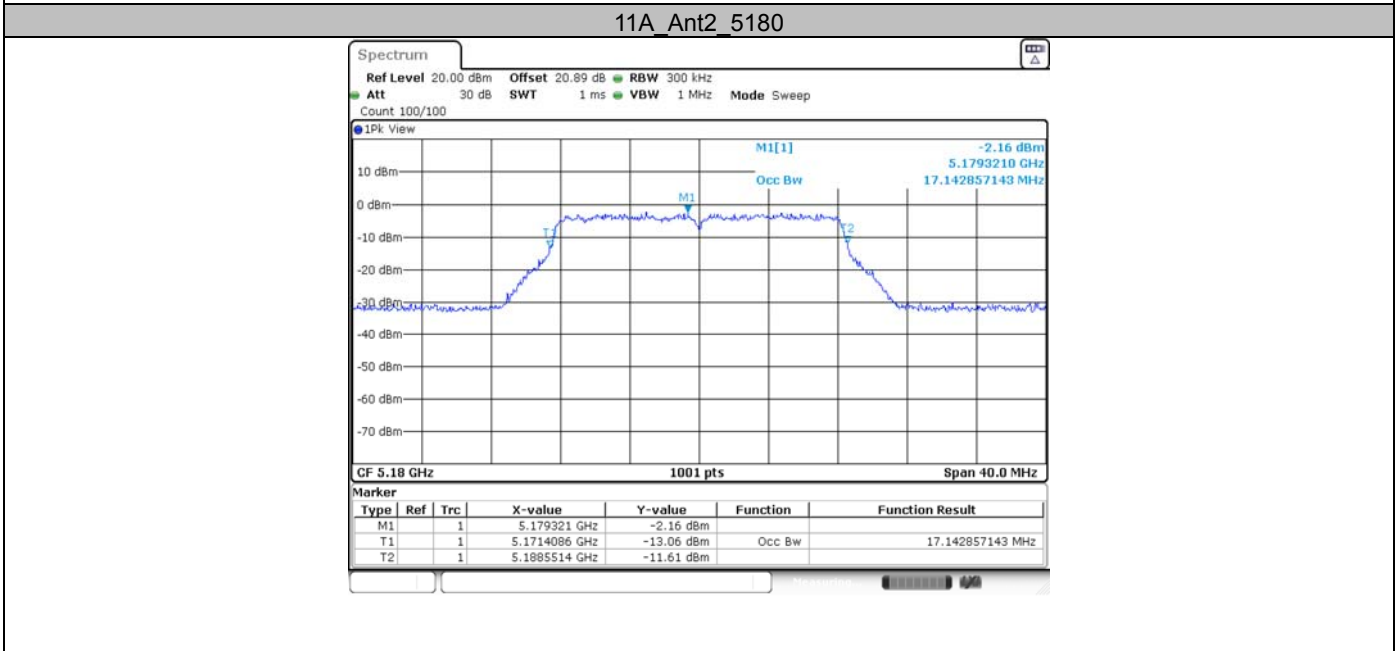
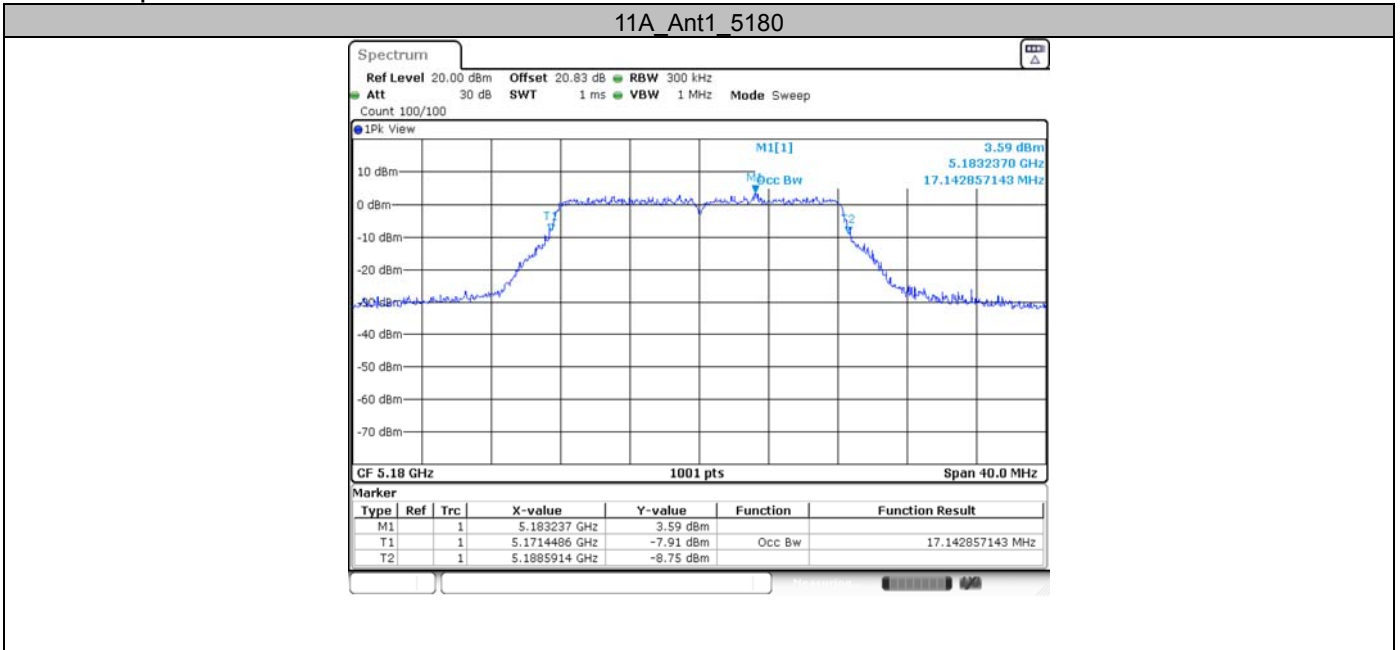
Appendix D: Occupied channel bandwidth
Test Result

| Test Mode | Antenna | Frequency [MHz] | OCB [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|-----------|---------|-----------------|-----------|----------|----------|-------------|---------|
| 11A | Ant1 | 5180 | 17.143 | 5171.449 | 5188.591 | --- | --- |
| | Ant2 | 5180 | 17.143 | 5171.409 | 5188.551 | --- | --- |
| | Ant1 | 5200 | 17.343 | 5191.409 | 5208.751 | --- | --- |
| | Ant2 | 5200 | 17.183 | 5191.409 | 5208.591 | --- | --- |
| | Ant1 | 5240 | 17.263 | 5231.369 | 5248.631 | --- | --- |
| | Ant2 | 5240 | 17.103 | 5231.449 | 5248.551 | --- | --- |
| | Ant1 | 5260 | 17.143 | 5251.449 | 5268.591 | --- | --- |
| | Ant2 | 5260 | 17.103 | 5251.449 | 5268.551 | --- | --- |
| | Ant1 | 5300 | 17.143 | 5291.489 | 5308.631 | --- | --- |
| | Ant2 | 5300 | 17.103 | 5291.449 | 5308.551 | --- | --- |
| | Ant1 | 5320 | 17.143 | 5311.449 | 5328.591 | --- | --- |
| | Ant2 | 5320 | 17.103 | 5311.449 | 5328.551 | --- | --- |
| | Ant1 | 5500 | 17.143 | 5491.409 | 5508.551 | --- | --- |
| | Ant2 | 5500 | 17.023 | 5491.489 | 5508.511 | --- | --- |
| | Ant1 | 5580 | 17.103 | 5571.449 | 5588.551 | --- | --- |
| | Ant2 | 5580 | 17.103 | 5571.449 | 5588.551 | --- | --- |
| | Ant1 | 5700 | 17.183 | 5691.409 | 5708.591 | --- | --- |
| | Ant2 | 5700 | 17.103 | 5691.449 | 5708.551 | --- | --- |
| | Ant1 | 5745 | 17.183 | 5736.449 | 5753.631 | --- | --- |
| | Ant2 | 5745 | 17.143 | 5736.409 | 5753.551 | --- | --- |
| Ant1 | 5785 | 17.103 | 5776.449 | 5793.551 | --- | --- | |
| Ant2 | 5785 | 17.303 | 5776.369 | 5793.671 | --- | --- | |
| Ant1 | 5825 | 17.263 | 5816.409 | 5833.671 | --- | --- | |
| Ant2 | 5825 | 17.263 | 5816.369 | 5833.631 | --- | --- | |
| 11N20MIMO | Ant1 | 5180 | 18.142 | 5170.929 | 5189.071 | --- | --- |
| | Ant2 | 5180 | 17.023 | 5171.449 | 5188.472 | --- | --- |
| | Ant1 | 5200 | 18.102 | 5191.009 | 5209.111 | --- | --- |
| | Ant2 | 5200 | 16.983 | 5191.449 | 5208.432 | --- | --- |
| | Ant1 | 5240 | 18.102 | 5230.969 | 5249.071 | --- | --- |
| | Ant2 | 5240 | 16.983 | 5231.489 | 5248.472 | --- | --- |
| | Ant1 | 5260 | 18.102 | 5250.969 | 5269.071 | --- | --- |
| | Ant2 | 5260 | 18.102 | 5250.969 | 5269.071 | --- | --- |
| | Ant1 | 5300 | 18.102 | 5291.009 | 5309.111 | --- | --- |
| | Ant2 | 5300 | 18.062 | 5290.969 | 5309.031 | --- | --- |
| | Ant1 | 5320 | 18.102 | 5310.969 | 5329.071 | --- | --- |
| | Ant2 | 5320 | 18.102 | 5310.969 | 5329.071 | --- | --- |
| | Ant1 | 5500 | 18.062 | 5490.969 | 5509.031 | --- | --- |
| | Ant2 | 5500 | 18.102 | 5490.969 | 5509.071 | --- | --- |
| | Ant1 | 5580 | 18.102 | 5570.969 | 5589.071 | --- | --- |
| | Ant2 | 5580 | 18.182 | 5570.969 | 5589.151 | --- | --- |
| | Ant1 | 5700 | 18.182 | 5690.929 | 5709.111 | --- | --- |
| | Ant2 | 5700 | 18.102 | 5690.969 | 5709.071 | --- | --- |
| | Ant1 | 5745 | 18.182 | 5735.929 | 5754.111 | --- | --- |
| | Ant2 | 5745 | 18.142 | 5735.929 | 5754.071 | --- | --- |
| Ant1 | 5785 | 18.142 | 5775.929 | 5794.071 | --- | --- | |
| Ant2 | 5785 | 18.142 | 5775.929 | 5794.071 | --- | --- | |
| Ant1 | 5825 | 18.142 | 5815.969 | 5834.111 | --- | --- | |
| Ant2 | 5825 | 18.142 | 5815.969 | 5834.111 | --- | --- | |
| 11N40MIMO | Ant1 | 5190 | 37.163 | 5171.459 | 5208.621 | --- | --- |
| | Ant2 | 5190 | 37.243 | 5171.459 | 5208.701 | --- | --- |
| | Ant1 | 5230 | 37.243 | 5211.459 | 5248.701 | --- | --- |
| | Ant2 | 5230 | 37.243 | 5211.459 | 5248.701 | --- | --- |
| | Ant1 | 5270 | 37.243 | 5251.459 | 5288.701 | --- | --- |
| Ant2 | 5270 | 37.323 | 5251.379 | 5288.701 | --- | --- | |

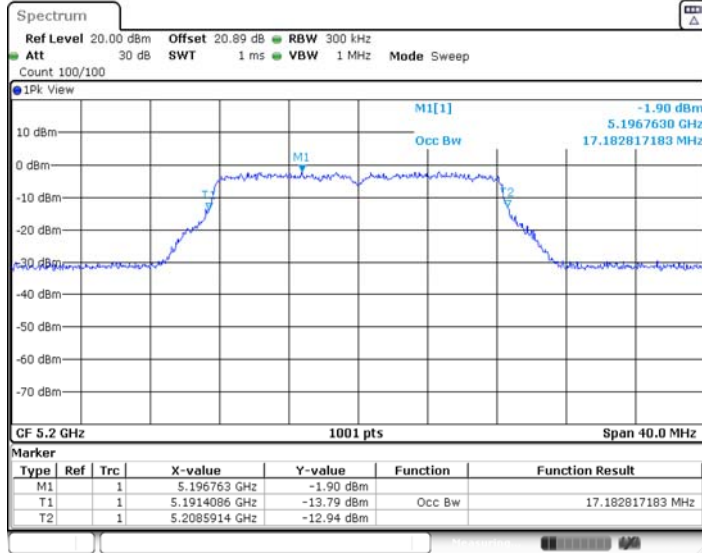
| | | | | | | | | |
|------------|------------|--------|----------|----------|----------|----------|-----|-----|
| | Ant1 | 5310 | 37.163 | 5291.459 | 5328.621 | --- | --- | |
| | Ant2 | 5310 | 37.323 | 5291.379 | 5328.701 | --- | --- | |
| | Ant1 | 5510 | 37.163 | 5491.459 | 5528.621 | --- | --- | |
| | Ant2 | 5510 | 37.722 | 5491.219 | 5528.941 | --- | --- | |
| | Ant1 | 5590 | 37.483 | 5571.379 | 5608.861 | --- | --- | |
| | Ant2 | 5590 | 37.722 | 5571.219 | 5608.941 | --- | --- | |
| | Ant1 | 5670 | 37.882 | 5651.219 | 5689.101 | --- | --- | |
| | Ant2 | 5670 | 37.802 | 5651.219 | 5689.021 | --- | --- | |
| | Ant1 | 5755 | 37.802 | 5736.139 | 5773.941 | --- | --- | |
| | Ant2 | 5755 | 37.722 | 5736.219 | 5773.941 | --- | --- | |
| | Ant1 | 5795 | 37.483 | 5776.299 | 5813.781 | --- | --- | |
| | Ant2 | 5795 | 37.802 | 5776.139 | 5813.941 | --- | --- | |
| | 11AC20MIMO | Ant1 | 5180 | 18.062 | 5171.009 | 5189.071 | --- | --- |
| | | Ant2 | 5180 | 18.022 | 5171.009 | 5189.031 | --- | --- |
| Ant1 | | 5200 | 18.062 | 5191.009 | 5209.071 | --- | --- | |
| Ant2 | | 5200 | 18.062 | 5190.969 | 5209.031 | --- | --- | |
| Ant1 | | 5240 | 18.102 | 5230.969 | 5249.071 | --- | --- | |
| Ant2 | | 5240 | 18.062 | 5231.009 | 5249.071 | --- | --- | |
| Ant1 | | 5260 | 18.102 | 5251.009 | 5269.111 | --- | --- | |
| Ant2 | | 5260 | 18.062 | 5251.009 | 5269.071 | --- | --- | |
| Ant1 | | 5300 | 18.102 | 5291.009 | 5309.111 | --- | --- | |
| Ant2 | | 5300 | 18.102 | 5290.969 | 5309.071 | --- | --- | |
| Ant1 | | 5320 | 18.062 | 5311.009 | 5329.071 | --- | --- | |
| Ant2 | | 5320 | 18.062 | 5311.009 | 5329.071 | --- | --- | |
| Ant1 | | 5500 | 18.062 | 5490.969 | 5509.031 | --- | --- | |
| Ant2 | | 5500 | 18.102 | 5490.969 | 5509.071 | --- | --- | |
| Ant1 | | 5580 | 18.102 | 5570.969 | 5589.071 | --- | --- | |
| Ant2 | | 5580 | 18.142 | 5570.969 | 5589.111 | --- | --- | |
| Ant1 | | 5700 | 18.102 | 5690.969 | 5709.071 | --- | --- | |
| Ant2 | | 5700 | 18.102 | 5690.969 | 5709.071 | --- | --- | |
| Ant1 | | 5745 | 18.102 | 5735.969 | 5754.071 | --- | --- | |
| Ant2 | | 5745 | 18.102 | 5735.929 | 5754.031 | --- | --- | |
| Ant1 | | 5785 | 18.102 | 5775.929 | 5794.031 | --- | --- | |
| Ant2 | | 5785 | 18.142 | 5775.929 | 5794.071 | --- | --- | |
| Ant1 | 5825 | 18.102 | 5815.969 | 5834.071 | --- | --- | | |
| Ant2 | 5825 | 18.182 | 5815.929 | 5834.111 | --- | --- | | |
| 11AC40MIMO | Ant1 | 5190 | 37.163 | 5171.459 | 5208.621 | --- | --- | |
| | Ant2 | 5190 | 37.163 | 5171.538 | 5208.701 | --- | --- | |
| | Ant1 | 5230 | 37.163 | 5211.538 | 5248.701 | --- | --- | |
| | Ant2 | 5230 | 37.323 | 5211.459 | 5248.781 | --- | --- | |
| | Ant1 | 5270 | 37.083 | 5251.538 | 5288.621 | --- | --- | |
| | Ant2 | 5270 | 37.243 | 5251.459 | 5288.701 | --- | --- | |
| | Ant1 | 5310 | 37.163 | 5291.538 | 5328.701 | --- | --- | |
| | Ant2 | 5310 | 37.243 | 5291.459 | 5328.701 | --- | --- | |
| | Ant1 | 5510 | 37.083 | 5491.538 | 5528.621 | --- | --- | |
| | Ant2 | 5510 | 37.642 | 5491.299 | 5528.941 | --- | --- | |
| | Ant1 | 5590 | 37.403 | 5571.379 | 5608.781 | --- | --- | |
| | Ant2 | 5590 | 37.562 | 5571.299 | 5608.861 | --- | --- | |
| | Ant1 | 5670 | 37.642 | 5651.299 | 5688.941 | --- | --- | |
| | Ant2 | 5670 | 37.642 | 5651.299 | 5688.941 | --- | --- | |
| | Ant1 | 5755 | 38.122 | 5736.059 | 5774.181 | --- | --- | |
| | Ant2 | 5755 | 37.562 | 5736.299 | 5773.861 | --- | --- | |
| | Ant1 | 5795 | 37.483 | 5776.299 | 5813.781 | --- | --- | |
| | Ant2 | 5795 | 37.722 | 5776.219 | 5813.941 | --- | --- | |
| 11AC80MIMO | Ant1 | 5210 | 76.244 | 5171.958 | 5248.202 | --- | --- | |
| | Ant2 | 5210 | 76.404 | 5171.798 | 5248.202 | --- | --- | |
| | Ant1 | 5290 | 76.404 | 5251.958 | 5328.362 | --- | --- | |
| | Ant2 | 5290 | 76.404 | 5251.958 | 5328.362 | --- | --- | |
| | Ant1 | 5530 | 76.563 | 5491.798 | 5568.362 | --- | --- | |

| | | | | | | | |
|--|------|------|--------|----------|----------|-----|-----|
| | Ant2 | 5530 | 76.563 | 5491.798 | 5568.362 | --- | --- |
| | Ant1 | 5610 | 76.404 | 5571.958 | 5648.362 | --- | --- |
| | Ant2 | 5610 | 76.563 | 5571.958 | 5648.521 | --- | --- |
| | Ant1 | 5775 | 76.883 | 5736.638 | 5813.521 | --- | --- |
| | Ant2 | 5775 | 76.883 | 5736.479 | 5813.362 | --- | --- |

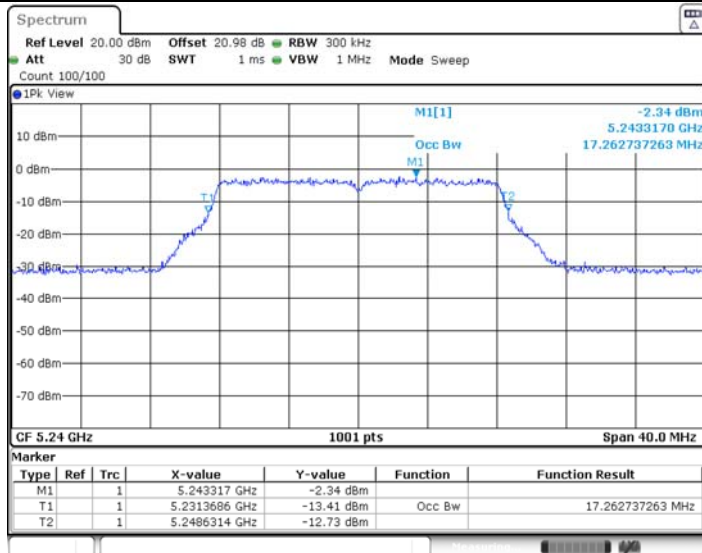
Test Graphs



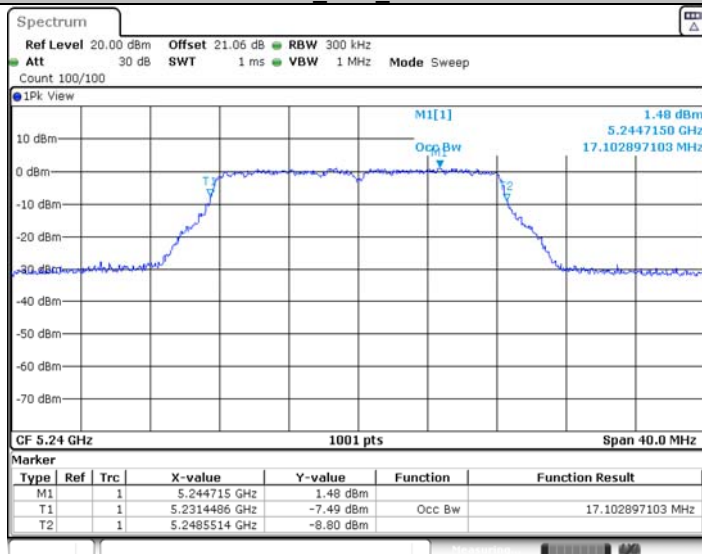
11A_Ant2_5200



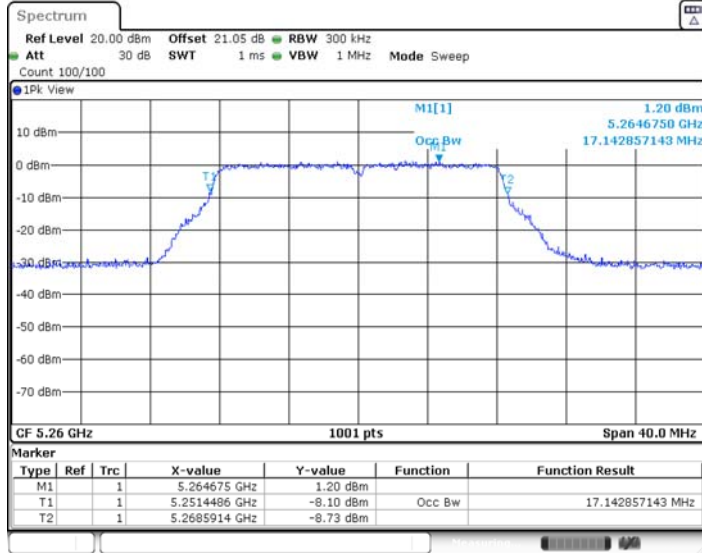
11A_Ant1_5240



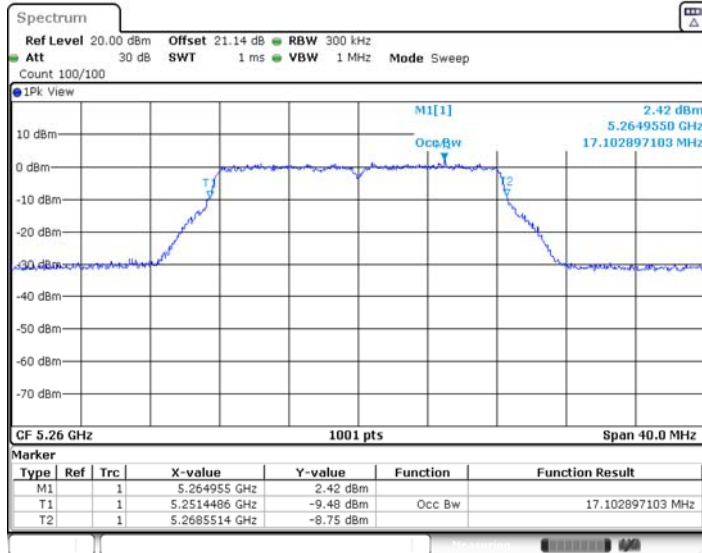
11A_Ant2_5240



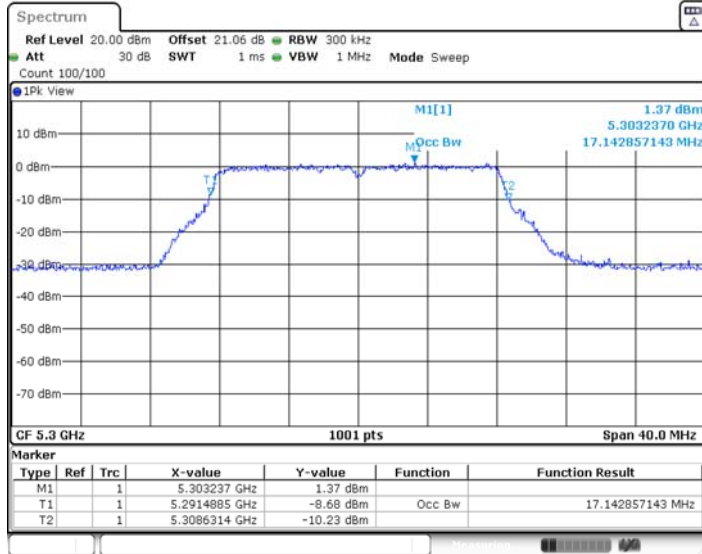
11A_Ant1_5260



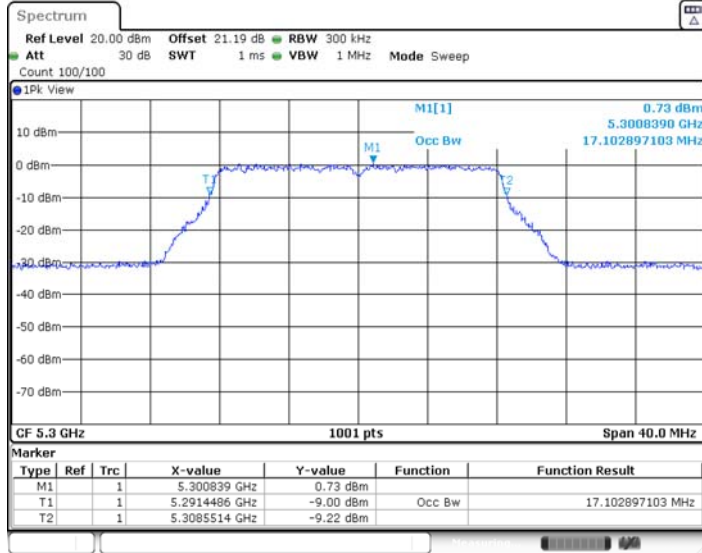
11A_Ant2_5260



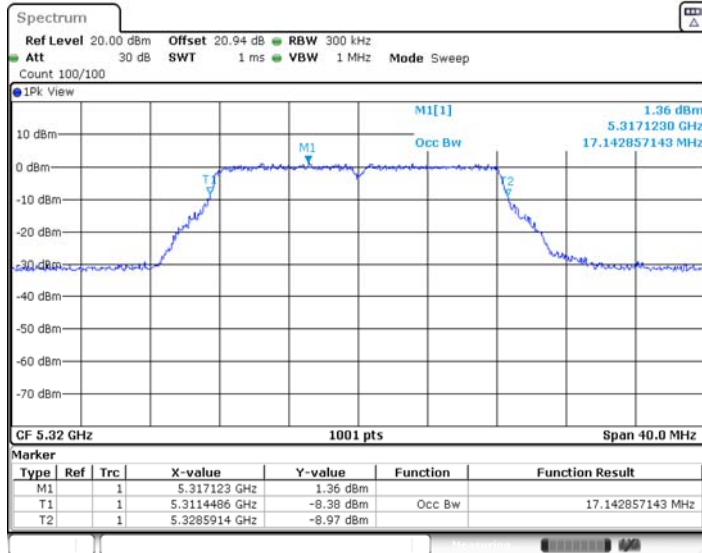
11A_Ant1_5300



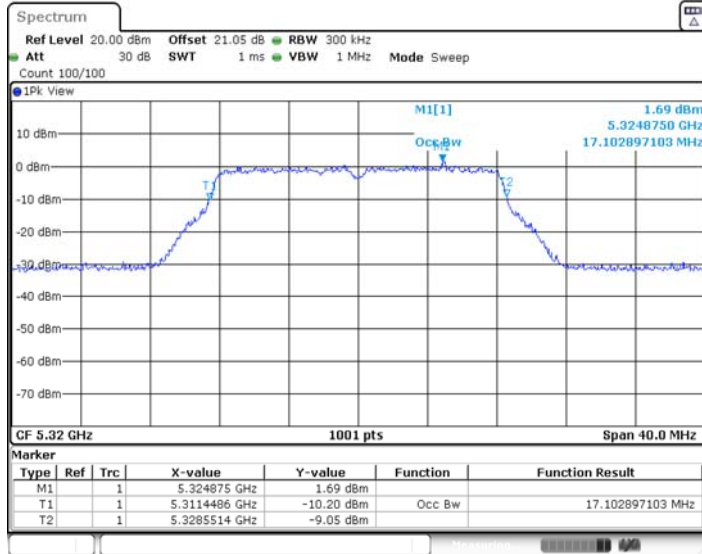
11A_Ant2_5300



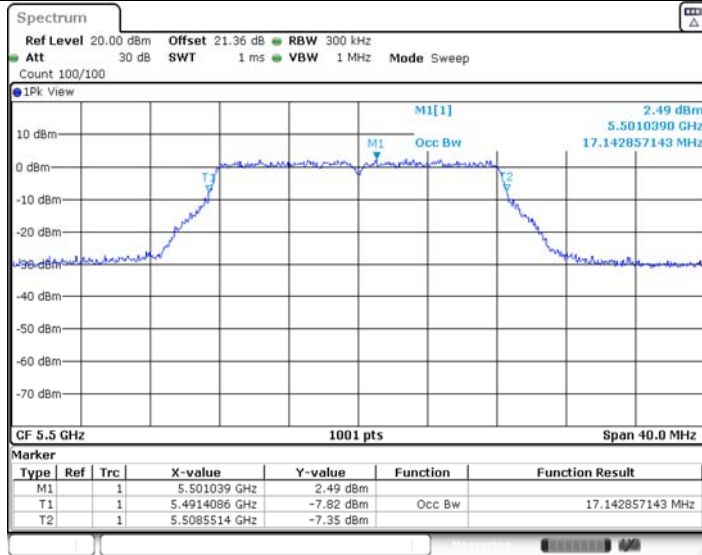
11A_Ant1_5320



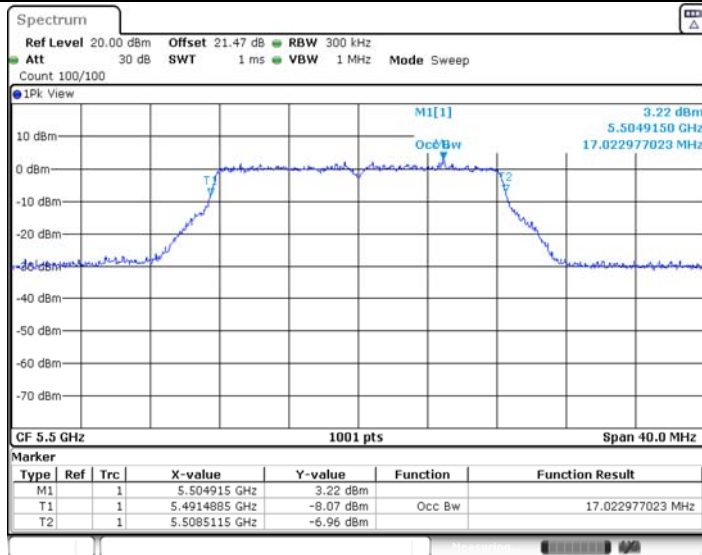
11A_Ant2_5320



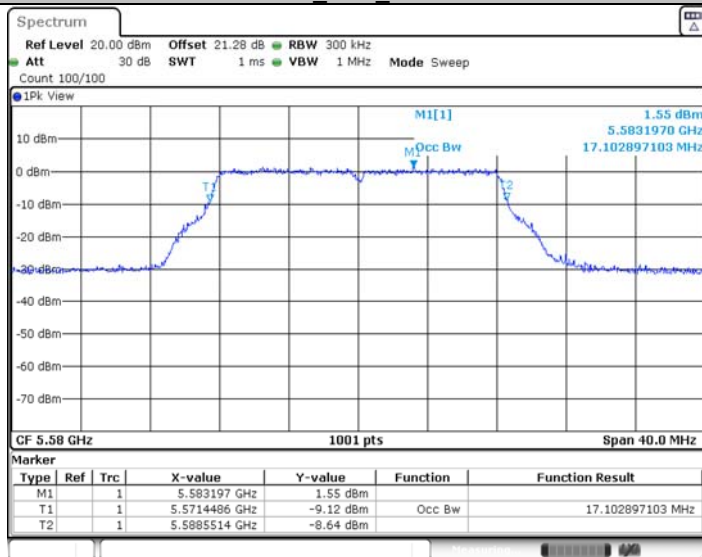
11A_Ant1_5500



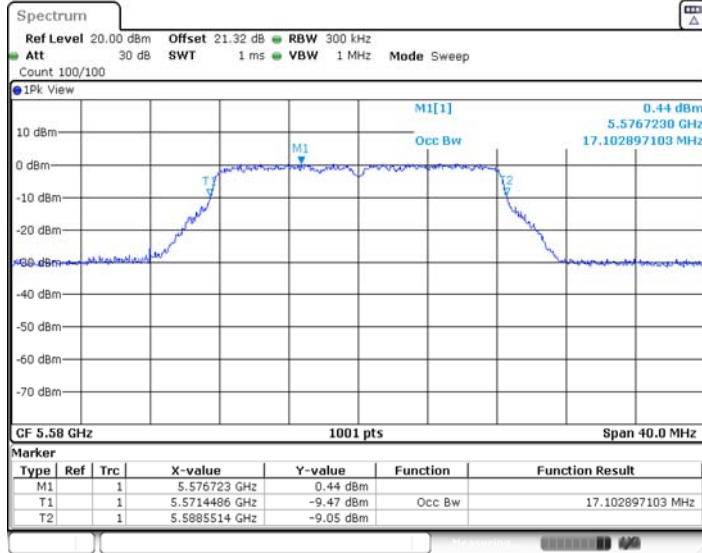
11A_Ant2_5500



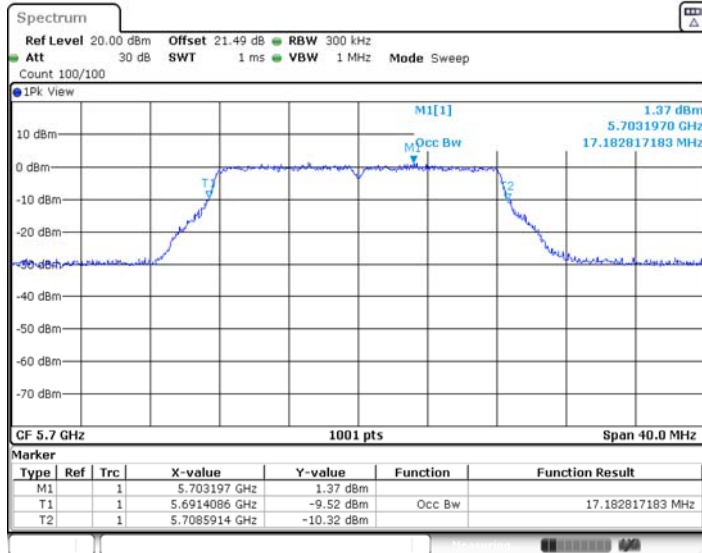
11A_Ant1_5580



11A_Ant2_5580



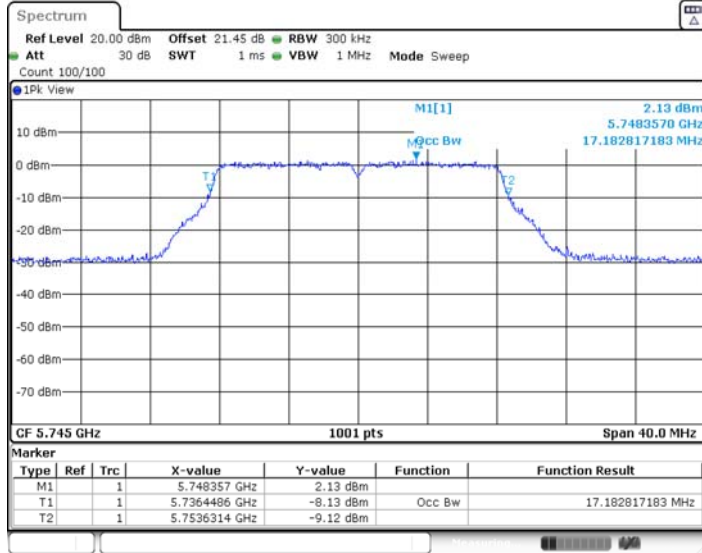
11A_Ant1_5700



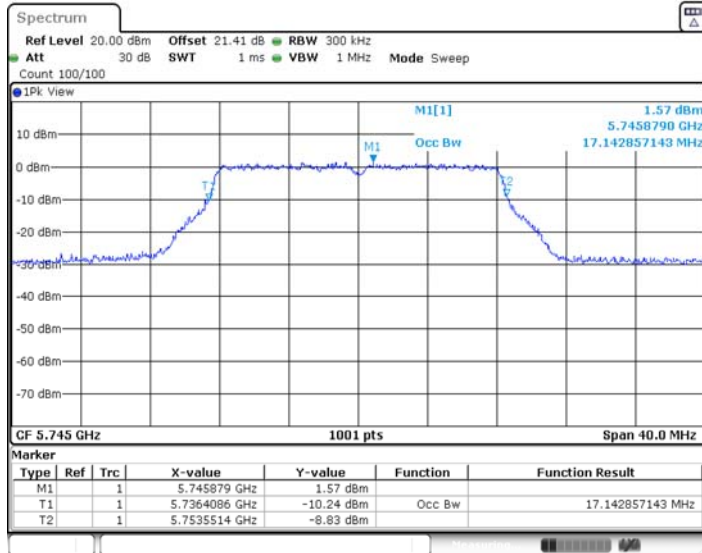
11A_Ant2_5700



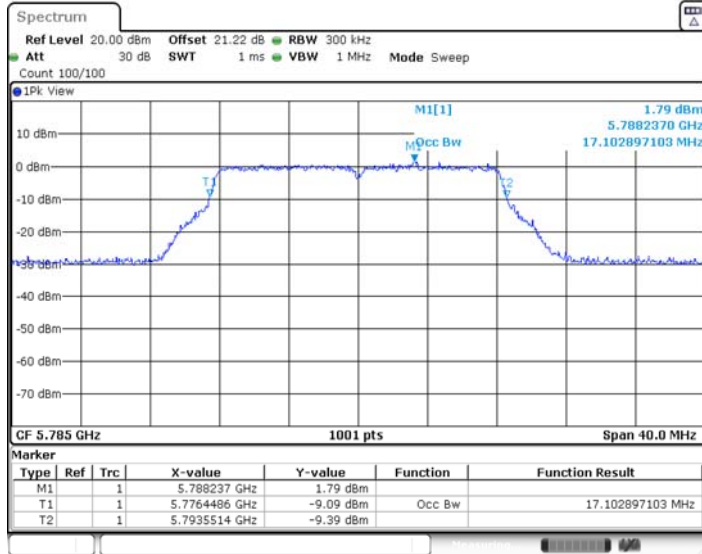
11A_Ant1_5745



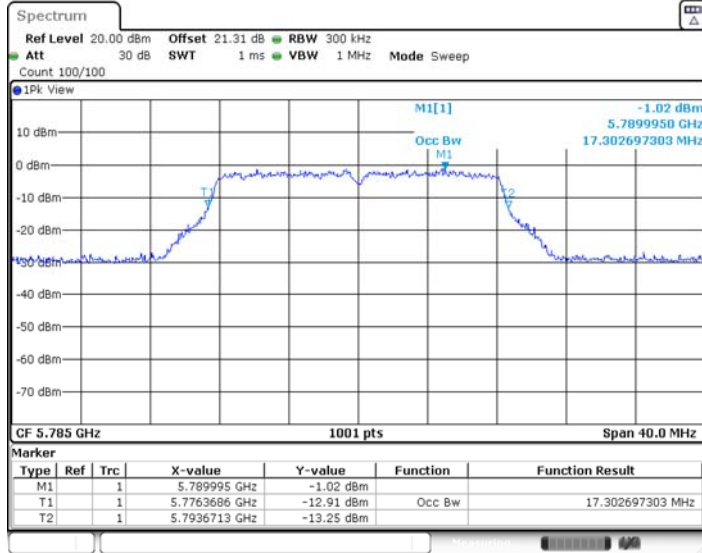
11A_Ant2_5745



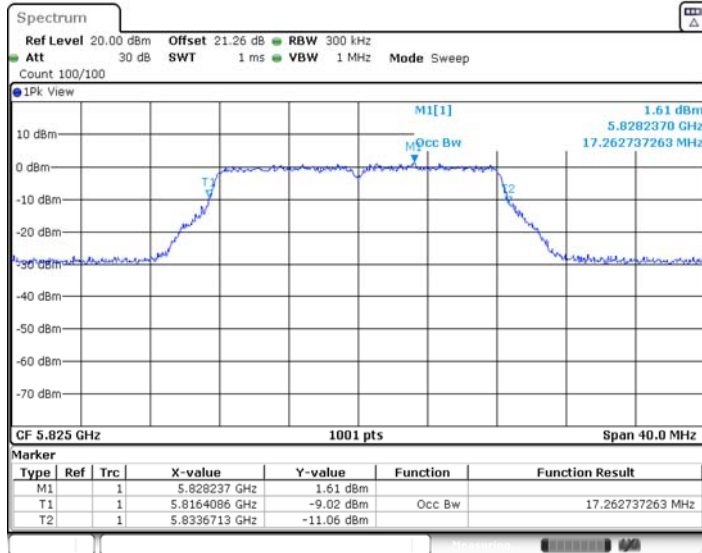
11A_Ant1_5785



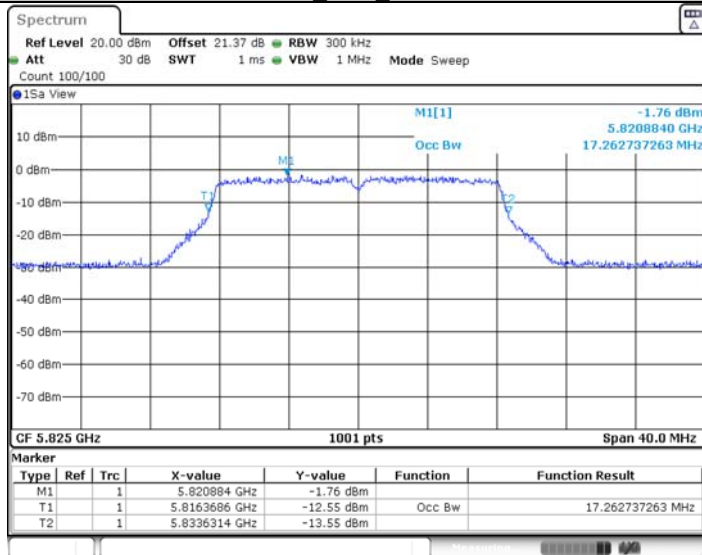
11A_Ant2_5785



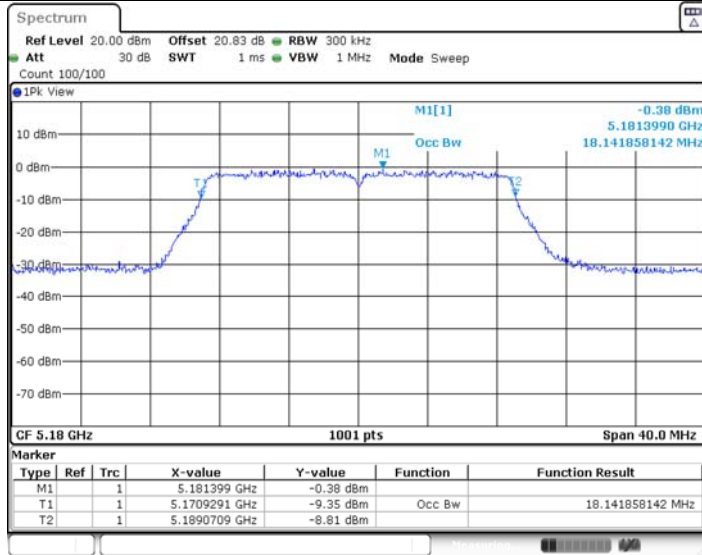
11A_Ant1_5825



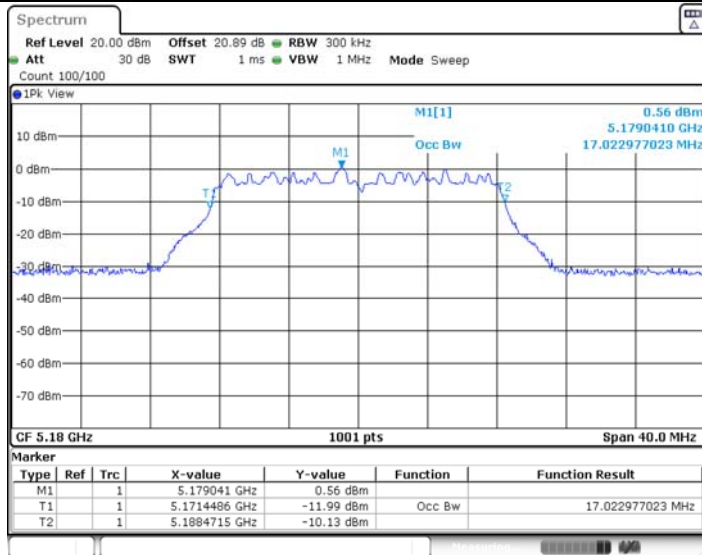
11A_Ant2_5825



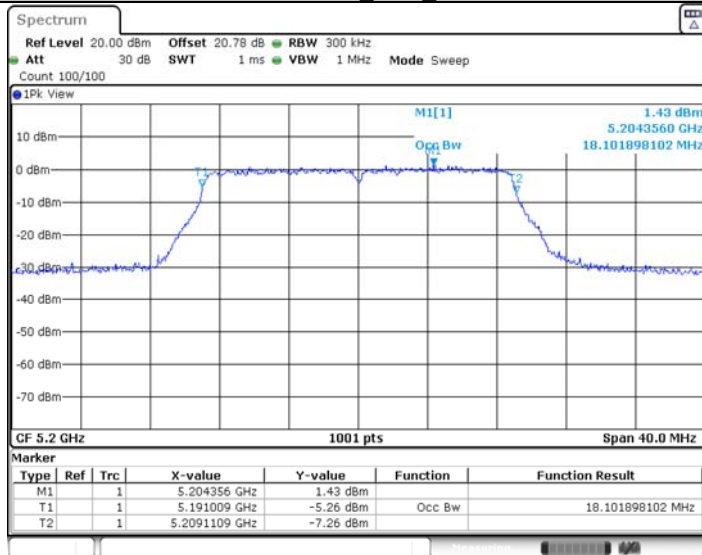
11N20MIMO_Ant1_5180



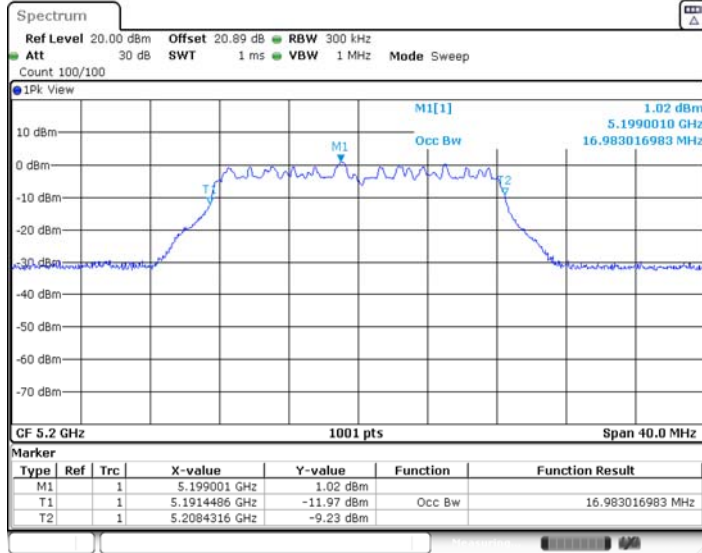
11N20MIMO_Ant2_5180



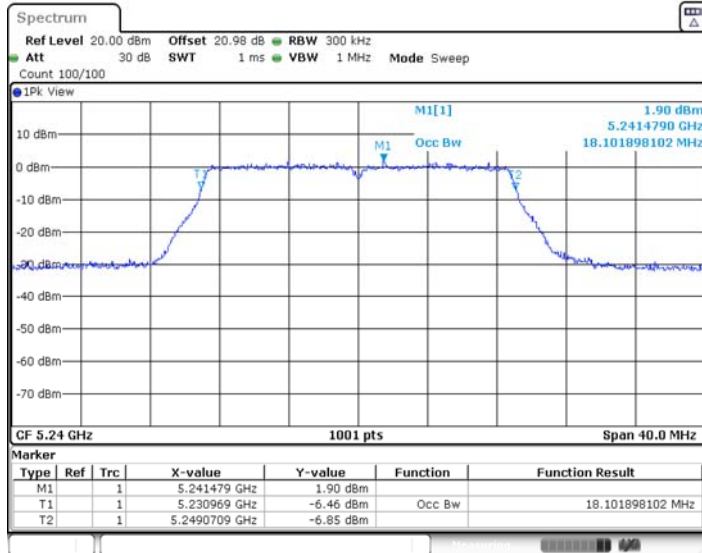
11N20MIMO_Ant1_5200



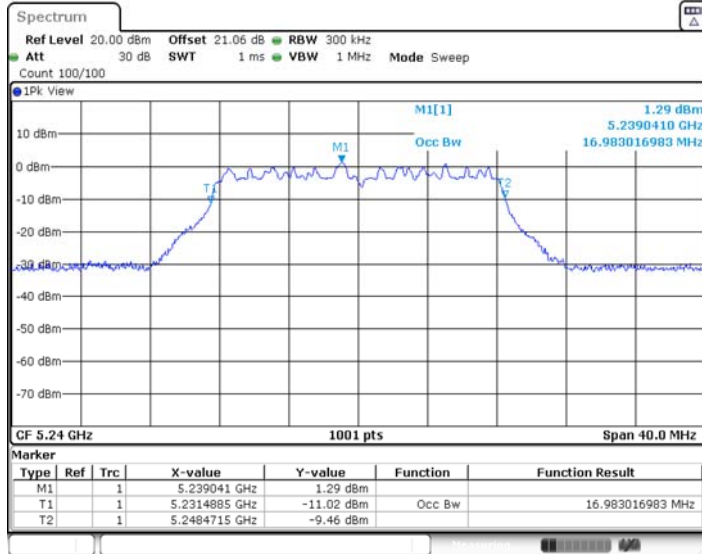
11N20MIMO_Ant2_5200



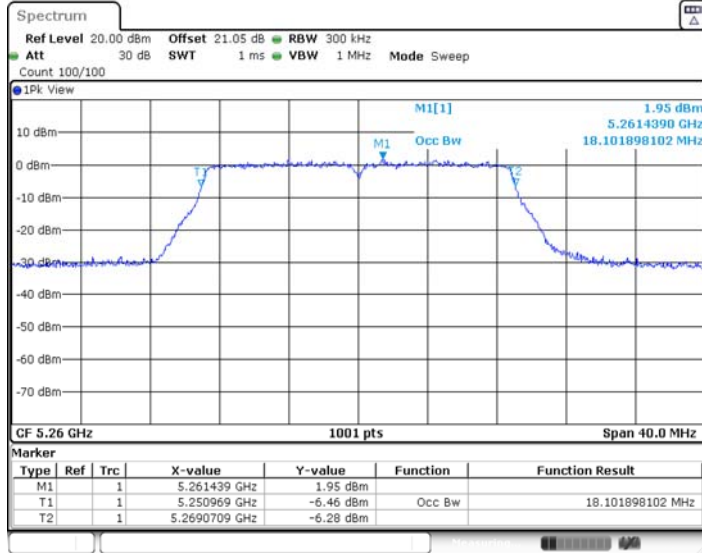
11N20MIMO_Ant1_5240



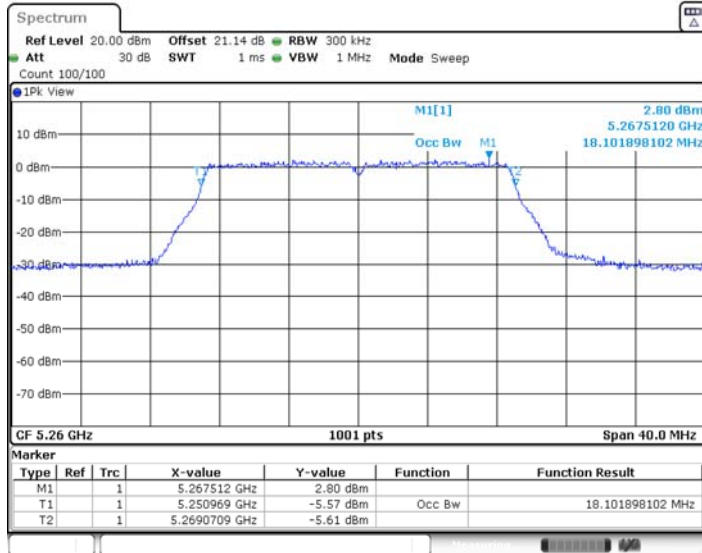
11N20MIMO_Ant2_5240



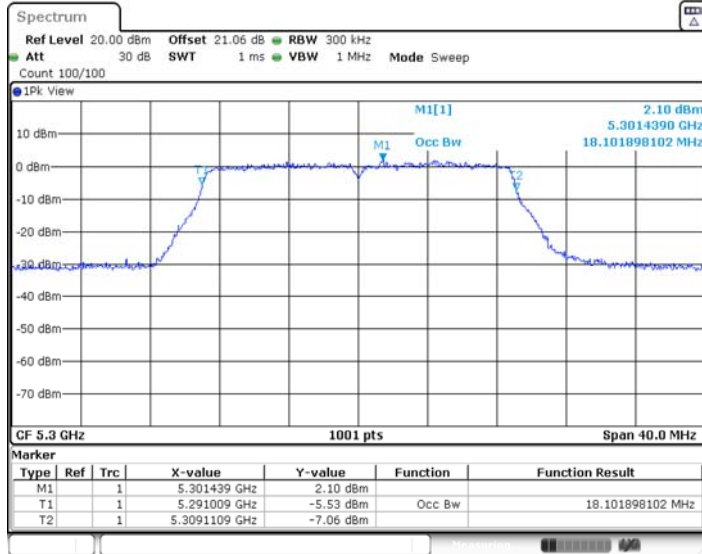
11N20MIMO_Ant1_5260



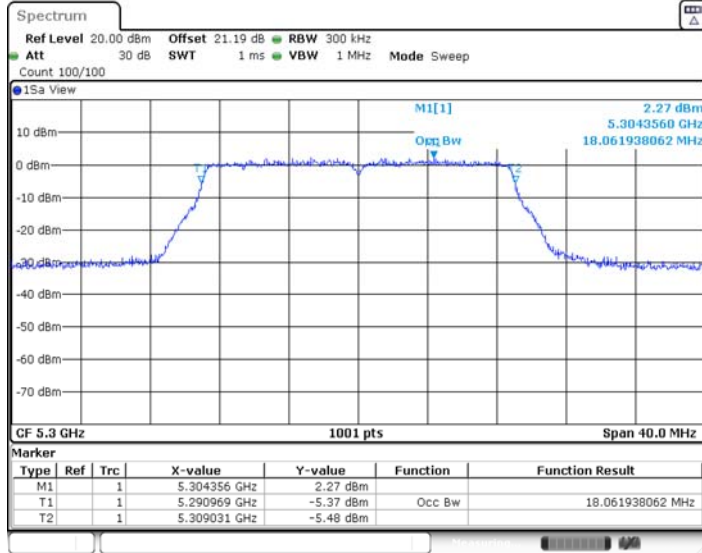
11N20MIMO_Ant2_5260



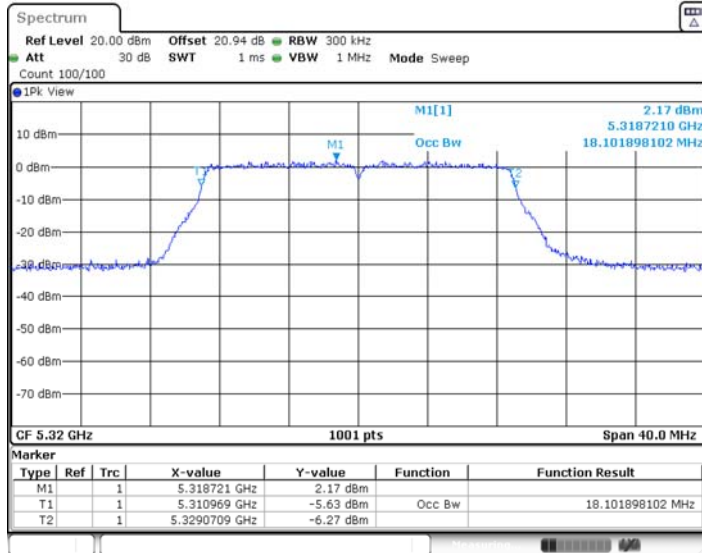
11N20MIMO_Ant1_5300



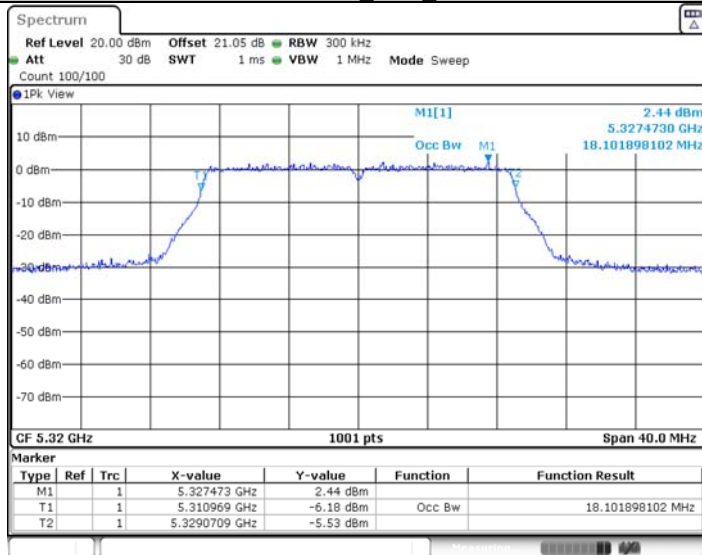
11N20MIMO_Ant2_5300



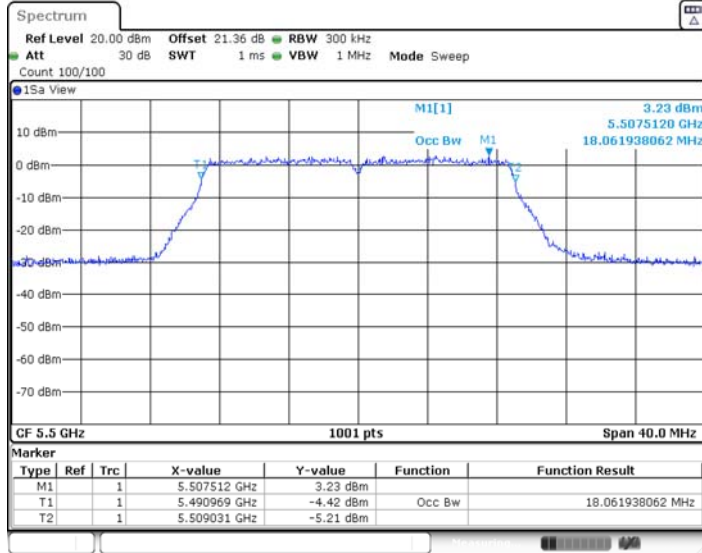
11N20MIMO_Ant1_5320



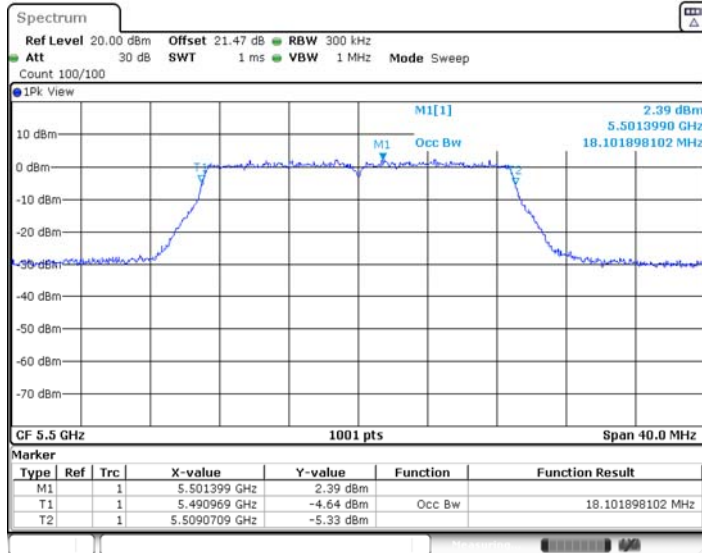
11N20MIMO_Ant2_5320



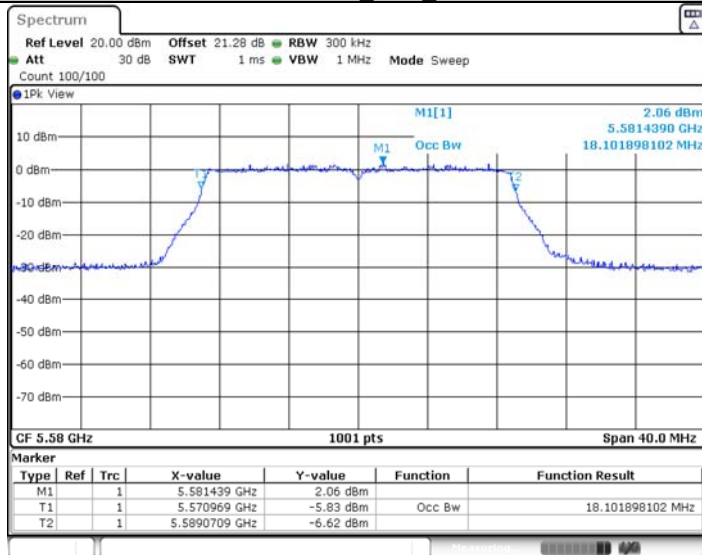
11N20MIMO_Ant1_5500



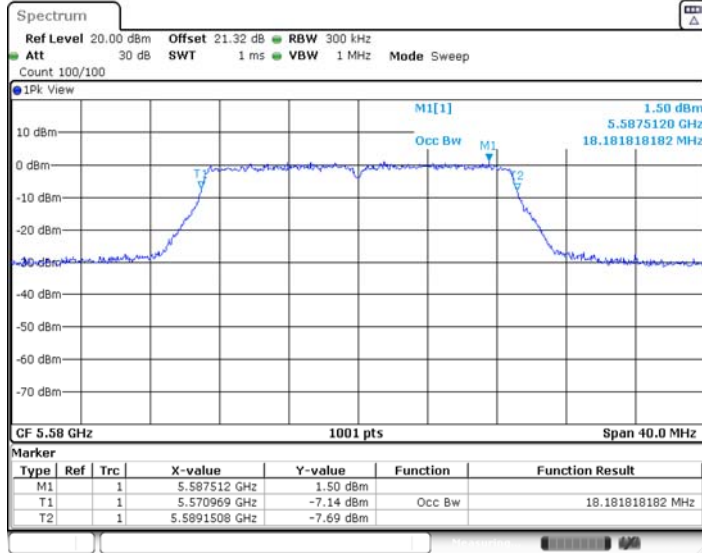
11N20MIMO_Ant2_5500



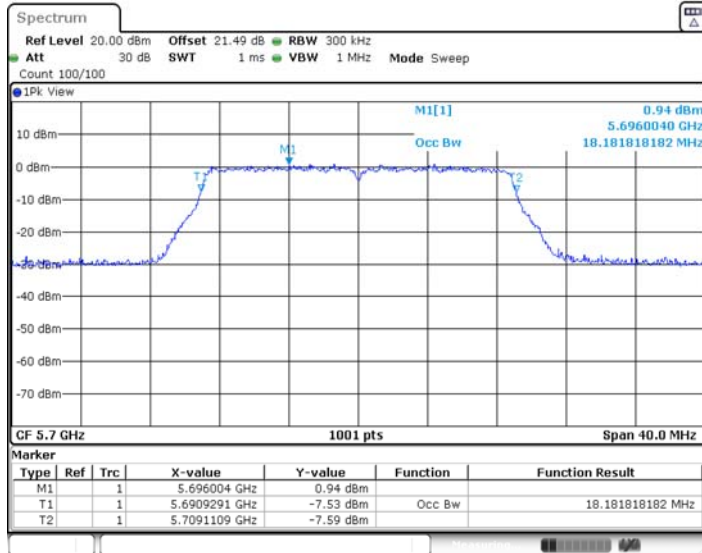
11N20MIMO_Ant1_5580



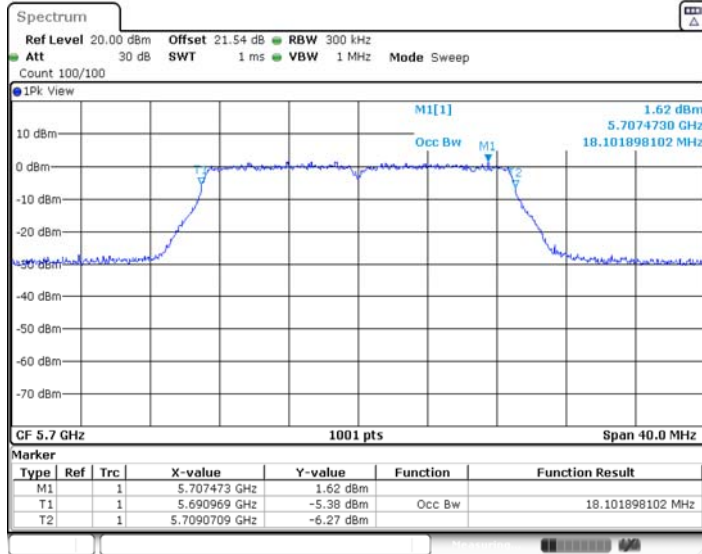
11N20MIMO_Ant2_5580



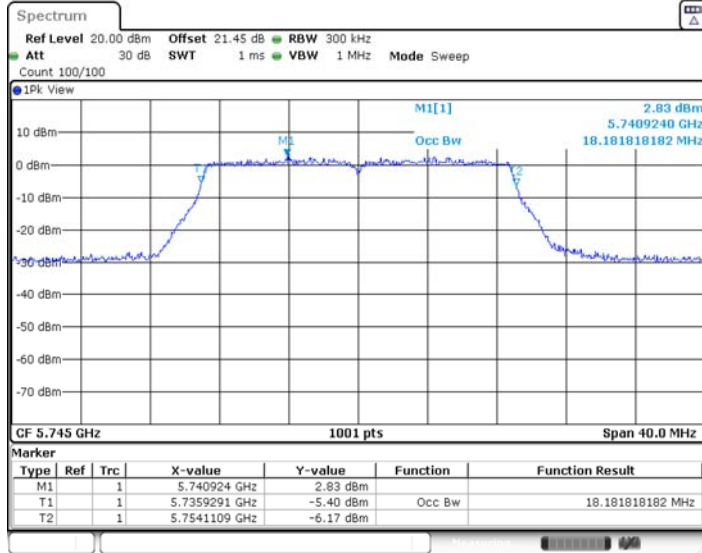
11N20MIMO_Ant1_5700



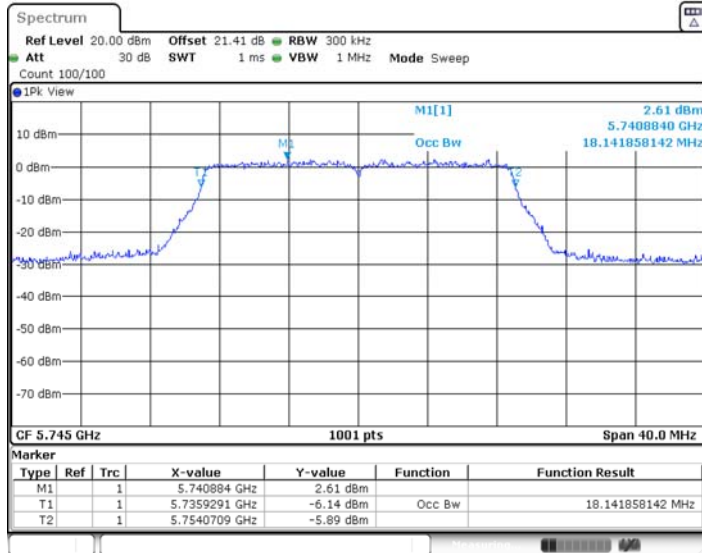
11N20MIMO_Ant2_5700



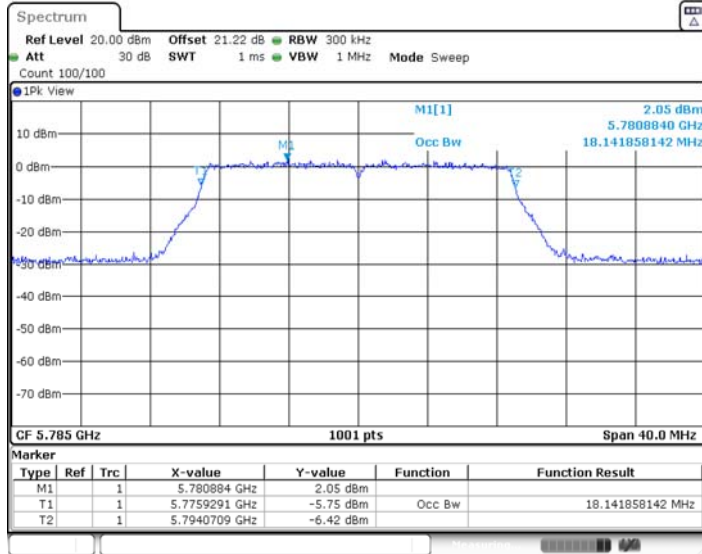
11N20MIMO_Ant1_5745



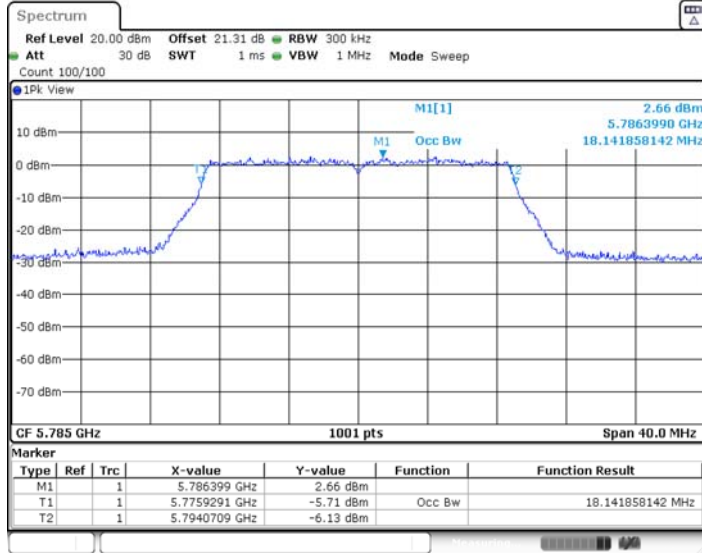
11N20MIMO_Ant2_5745



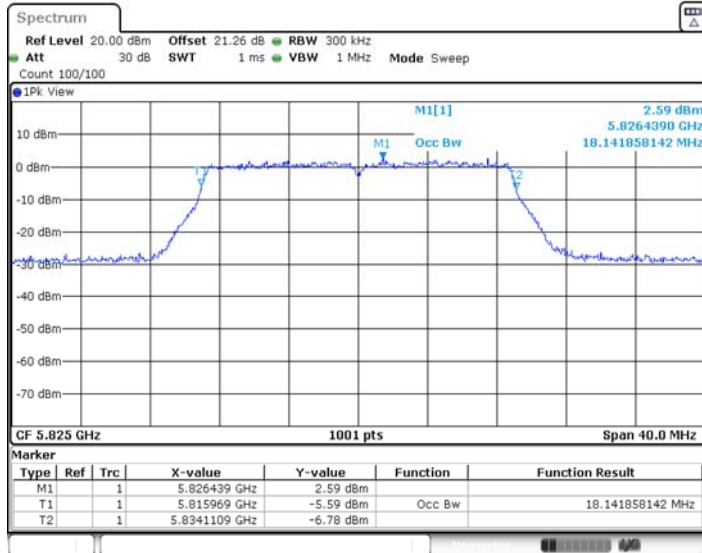
11N20MIMO_Ant1_5785



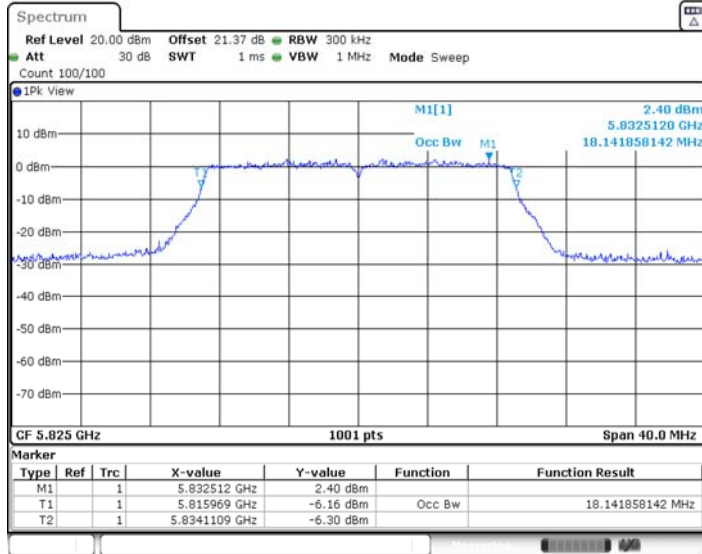
11N20MIMO_Ant2_5785



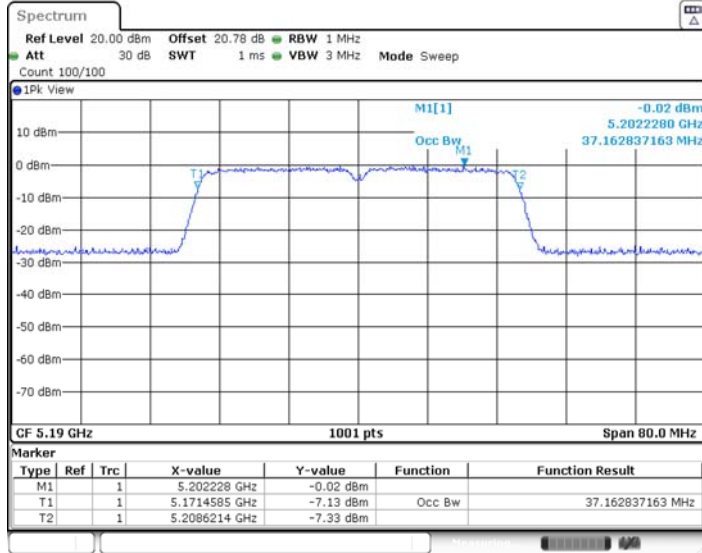
11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



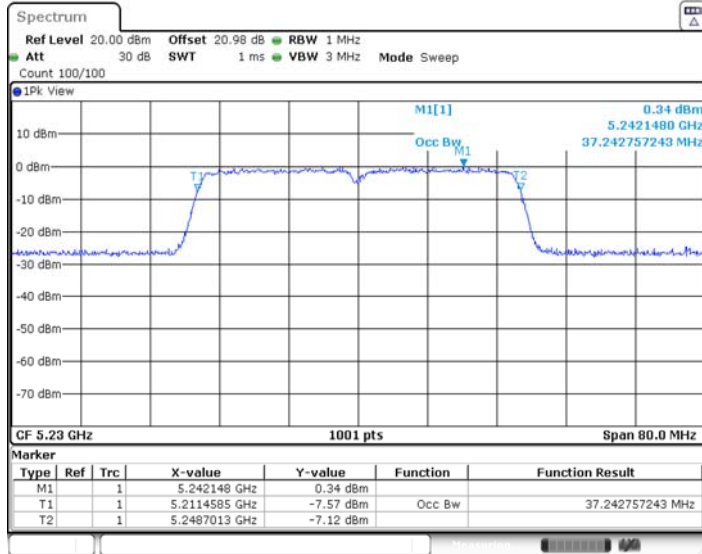
11N40MIMO_Ant1_5190



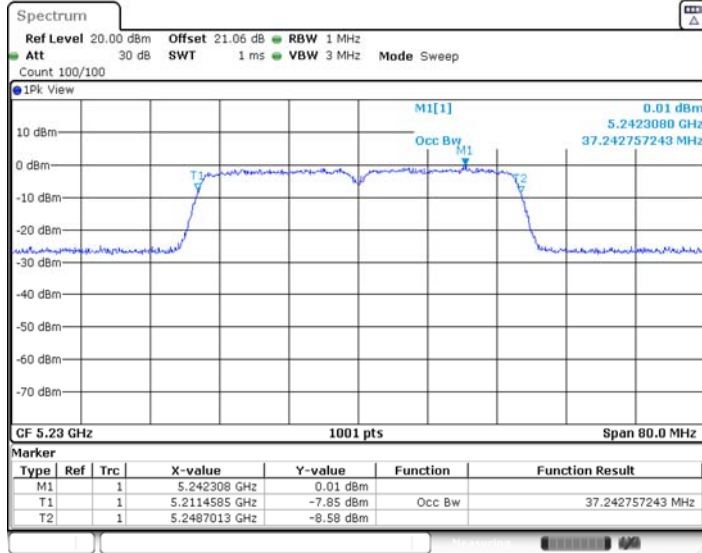
11N40MIMO_Ant2_5190



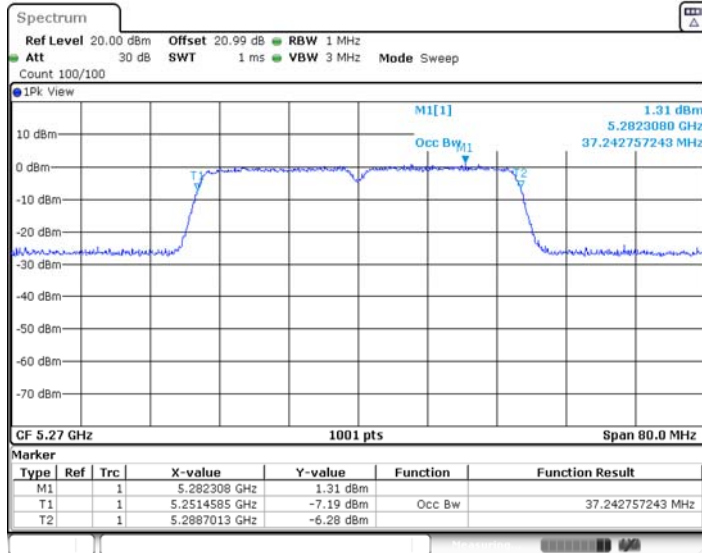
11N40MIMO_Ant1_5230



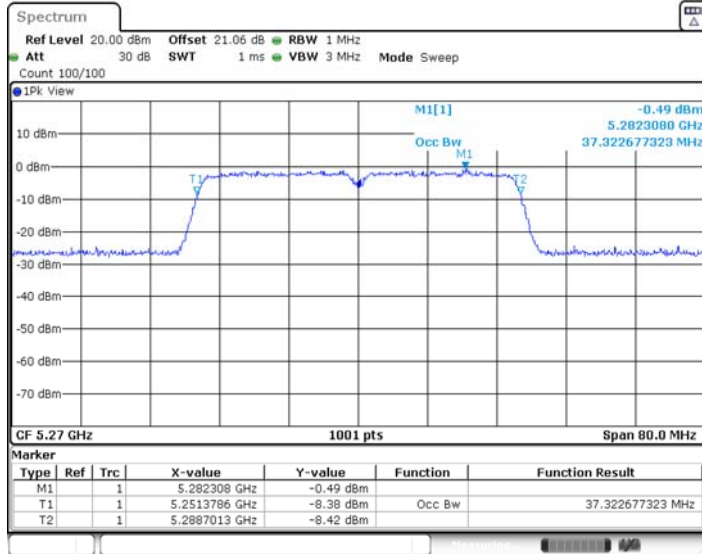
11N40MIMO_Ant2_5230



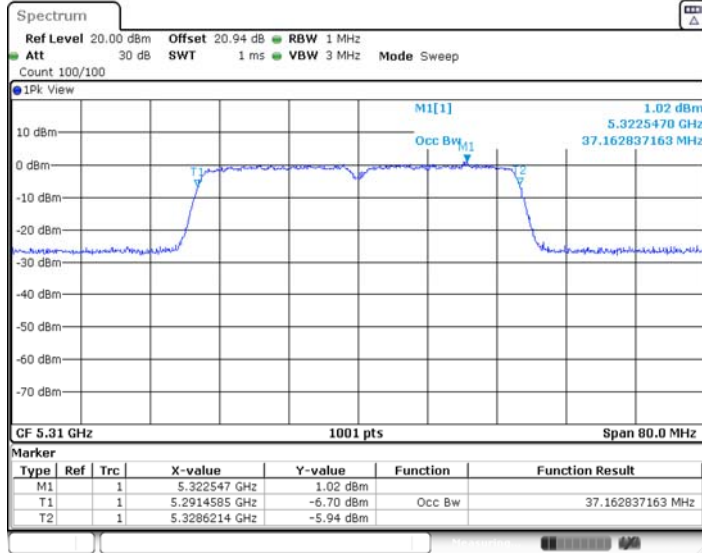
11N40MIMO_Ant1_5270



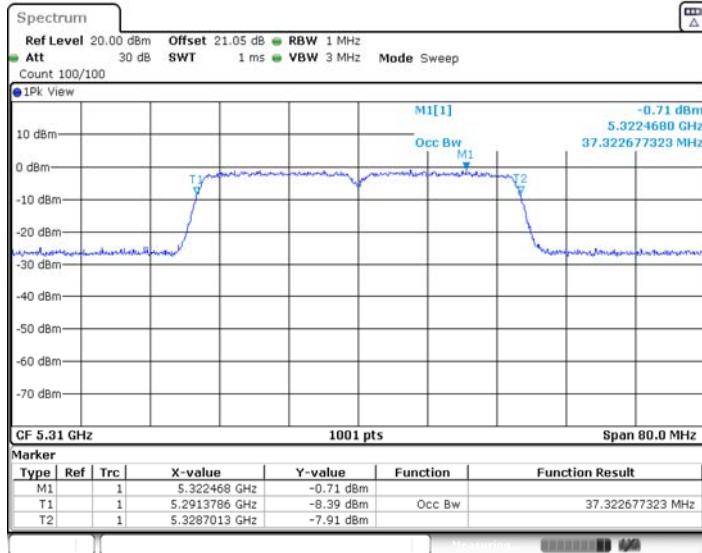
11N40MIMO_Ant2_5270



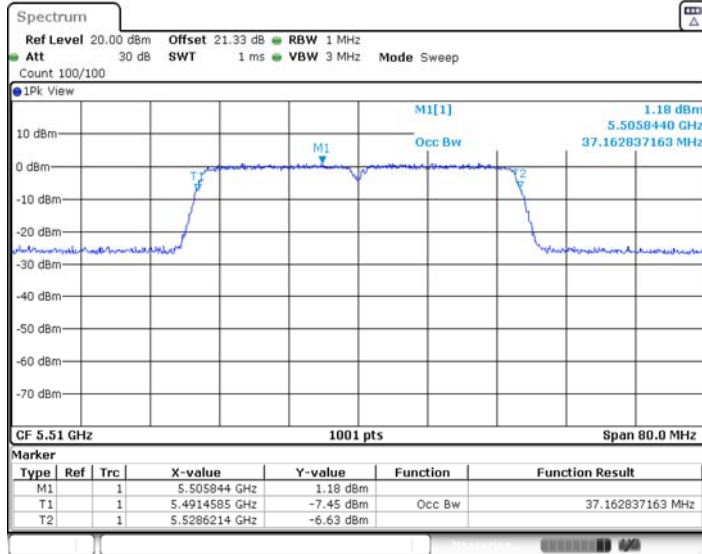
11N40MIMO_Ant1_5310



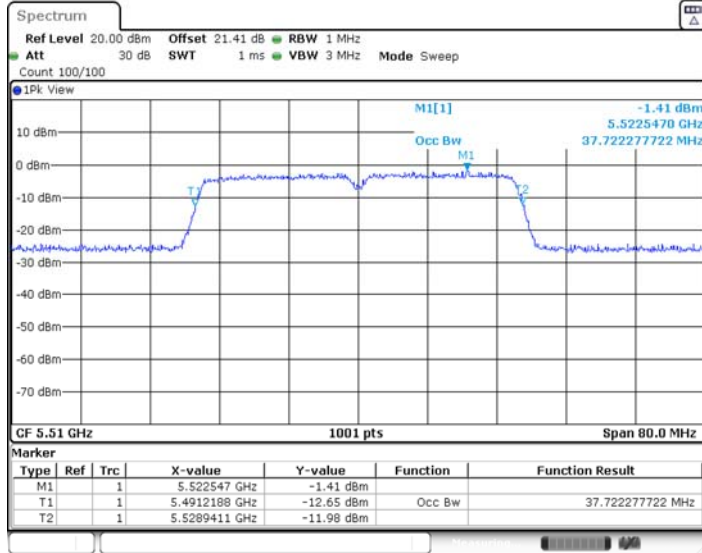
11N40MIMO_Ant2_5310



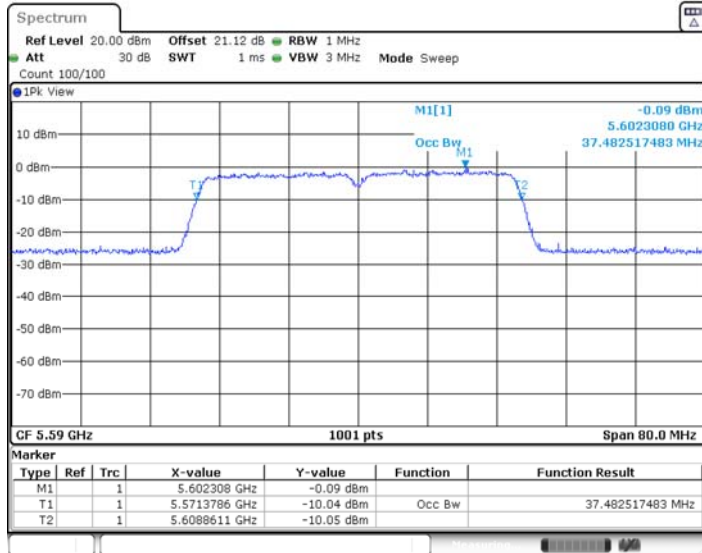
11N40MIMO_Ant1_5510



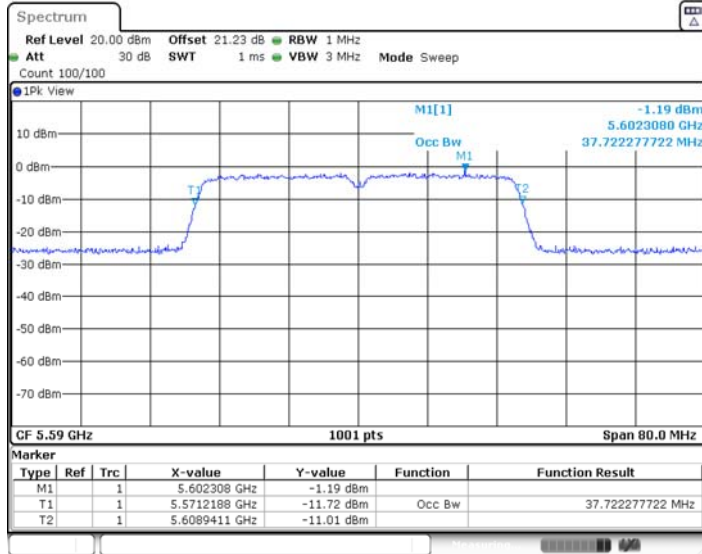
11N40MIMO_Ant2_5510



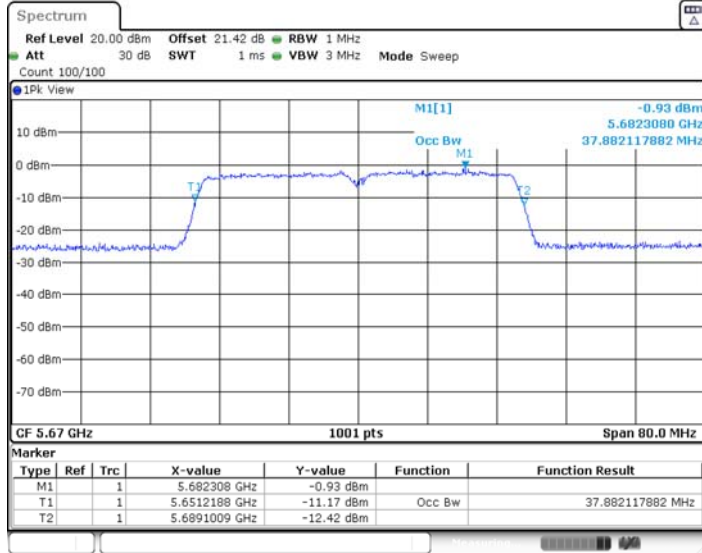
11N40MIMO_Ant1_5590



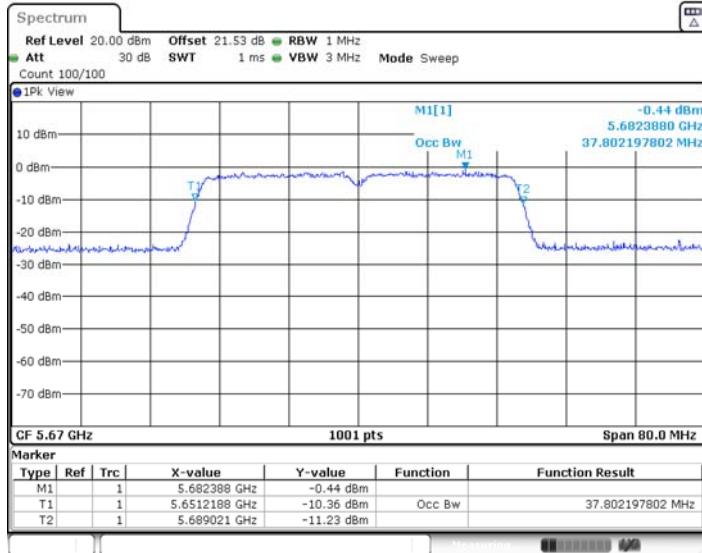
11N40MIMO_Ant2_5590



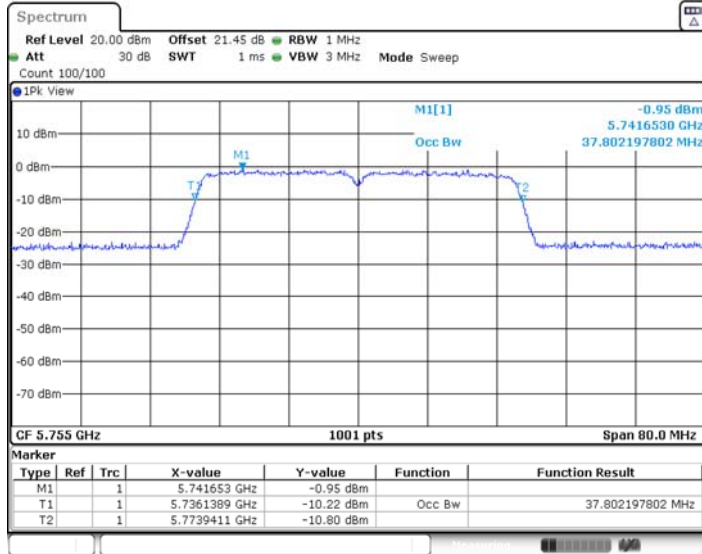
11N40MIMO_Ant1_5670



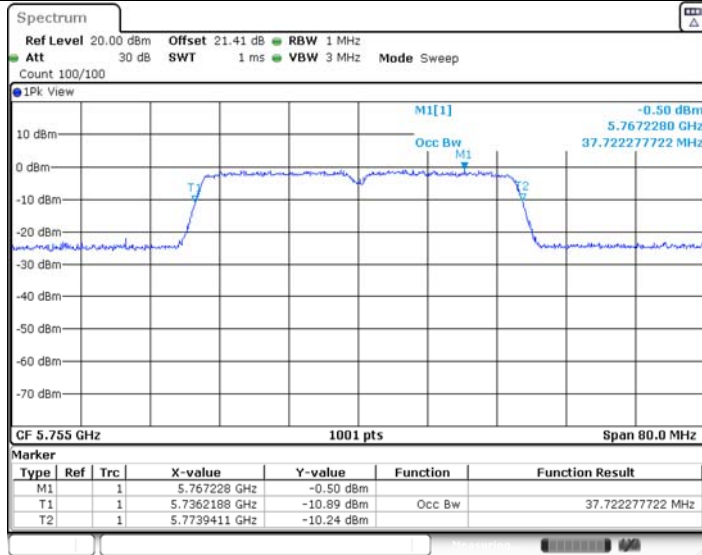
11N40MIMO_Ant2_5670



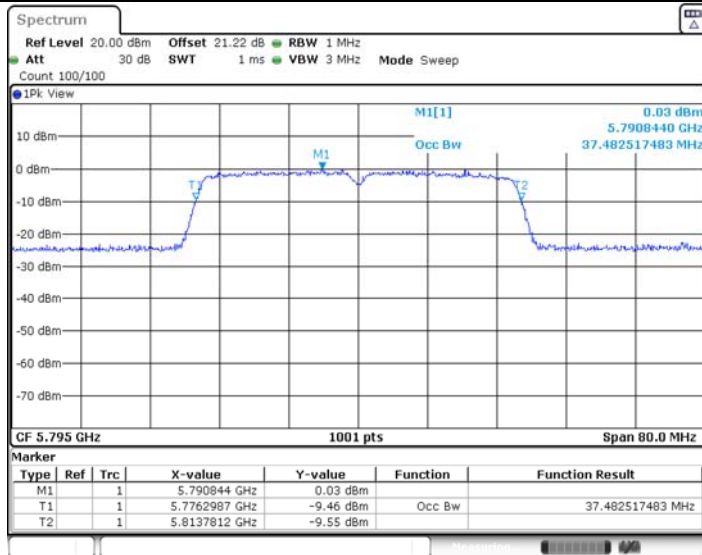
11N40MIMO_Ant1_5755



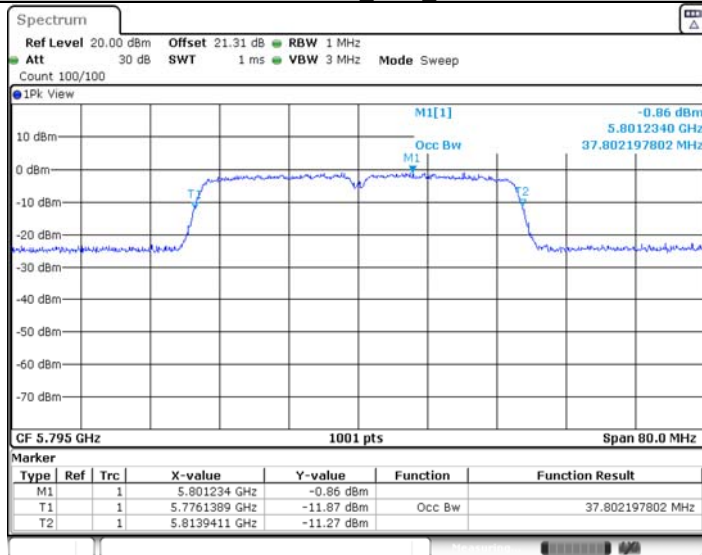
11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



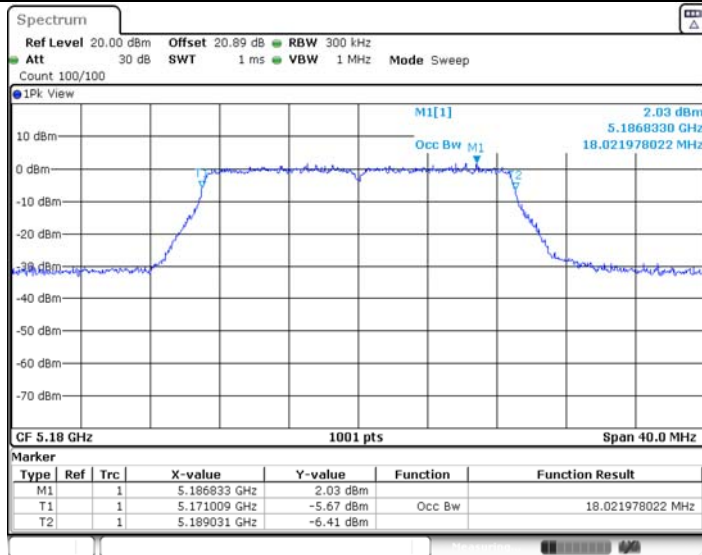
11N40MIMO_Ant2_5795



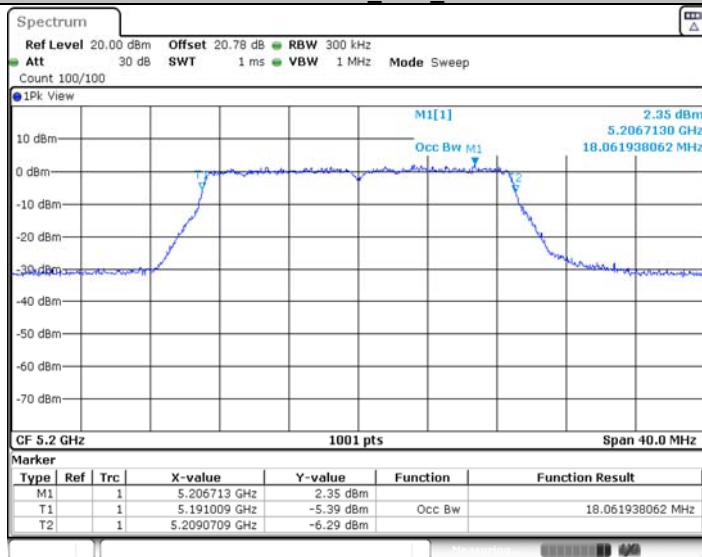
11AC20MIMO_Ant1_5180



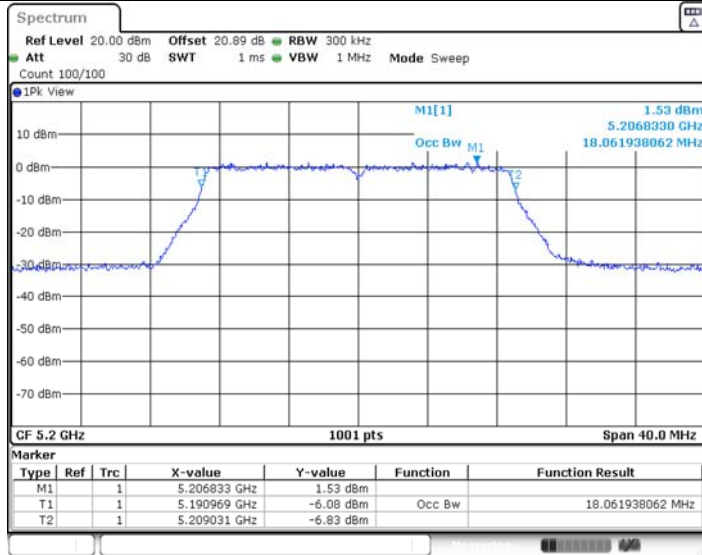
11AC20MIMO_Ant2_5180



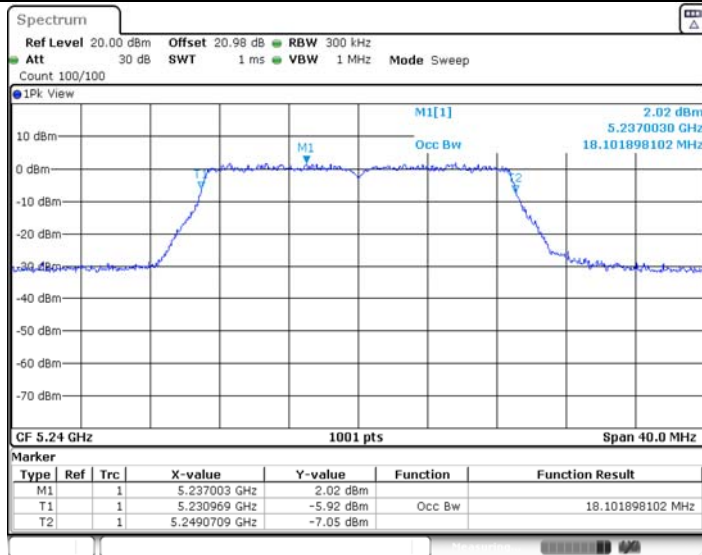
11AC20MIMO_Ant1_5200



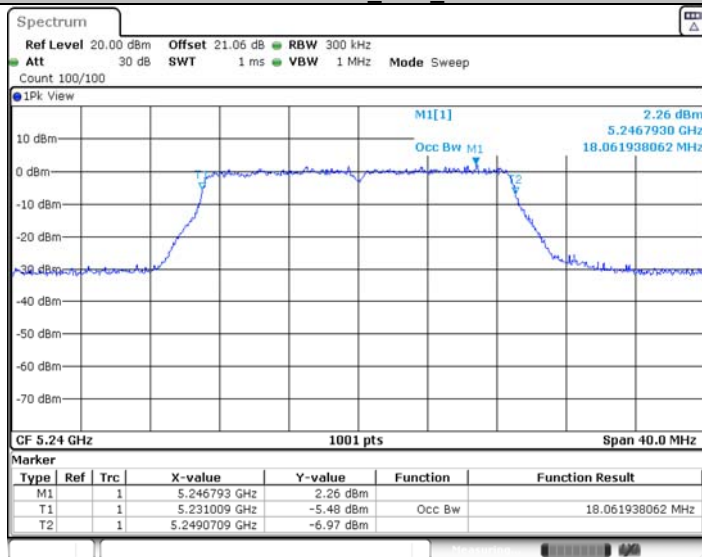
11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



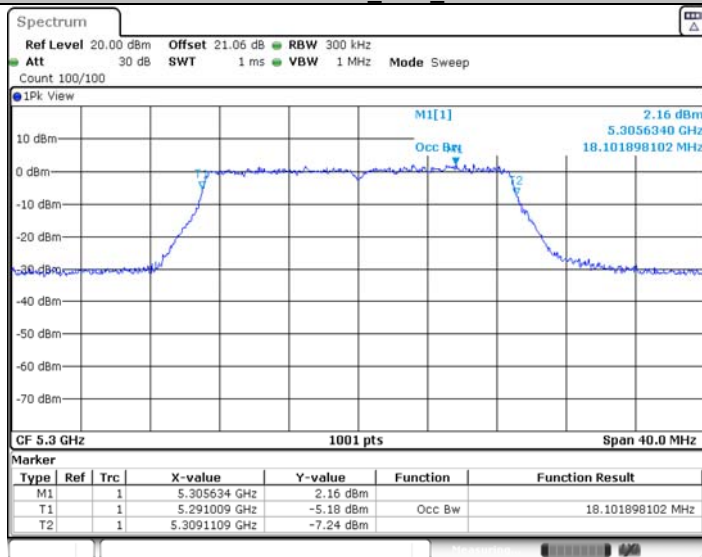
11AC20MIMO_Ant1_5260



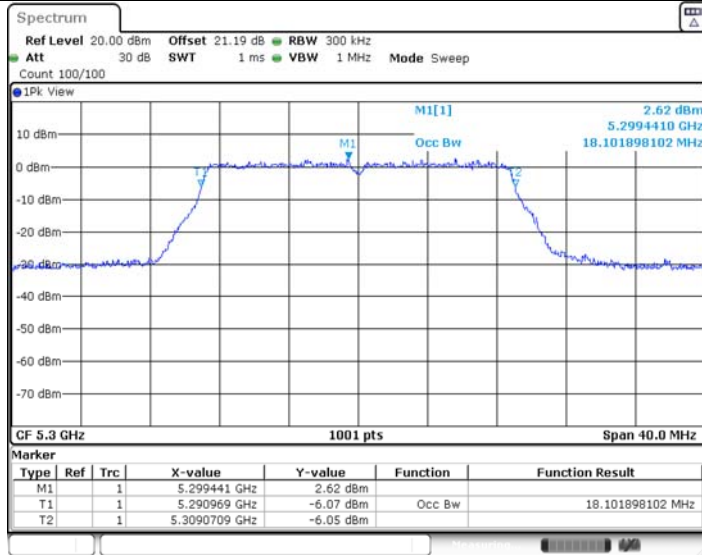
11AC20MIMO_Ant2_5260



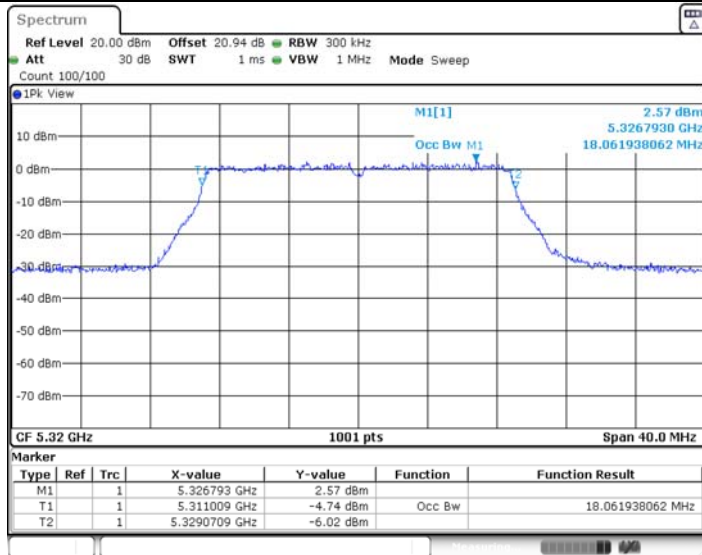
11AC20MIMO_Ant1_5300



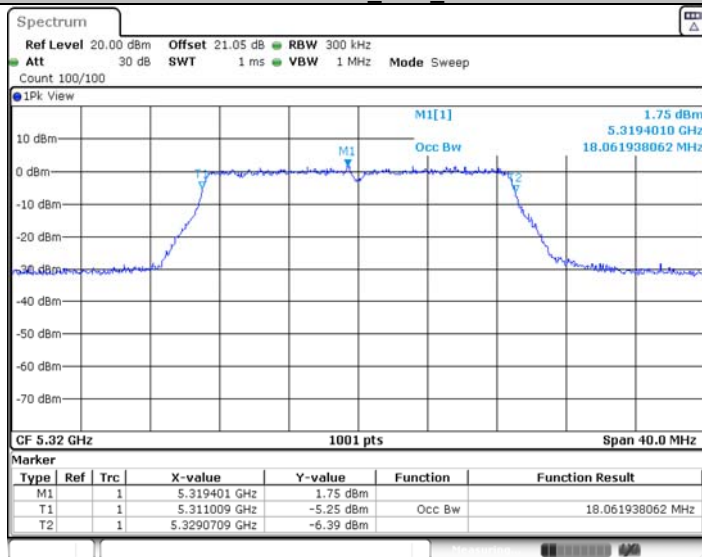
11AC20MIMO_Ant2_5300



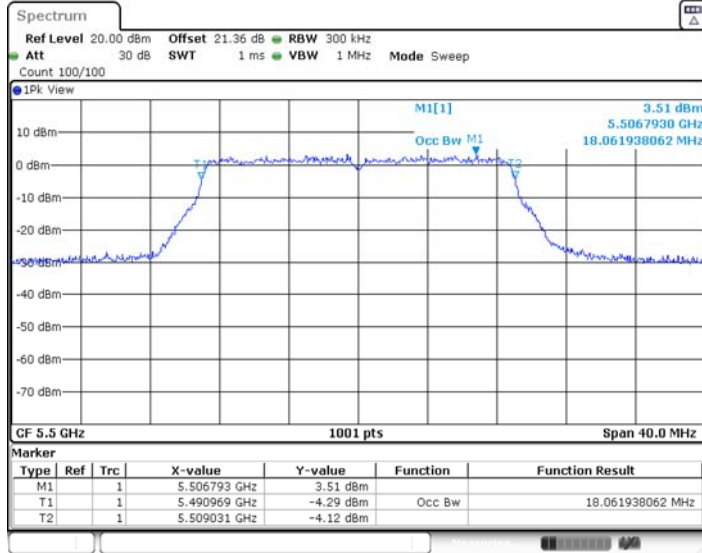
11AC20MIMO_Ant1_5320



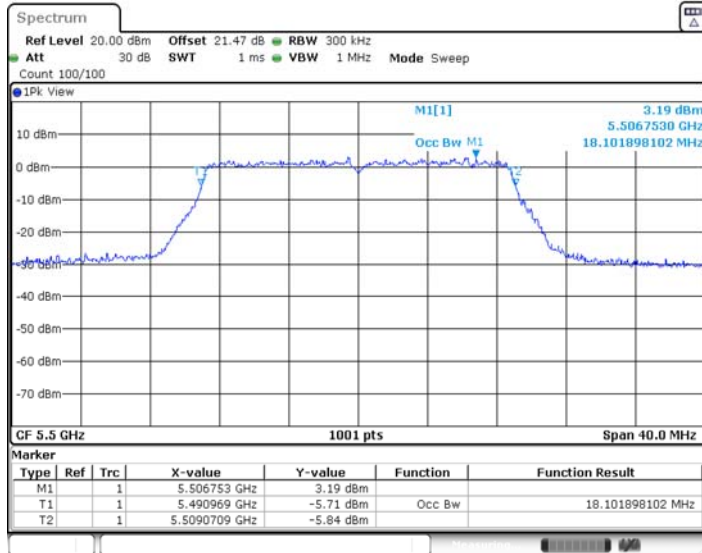
11AC20MIMO_Ant2_5320



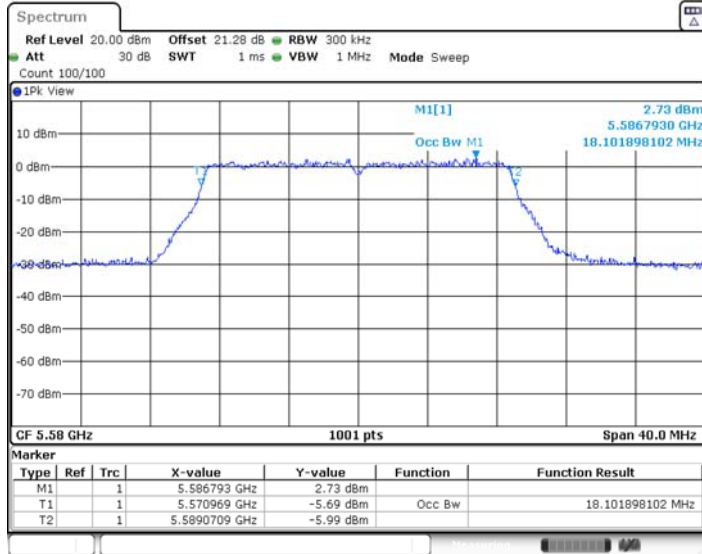
11AC20MIMO_Ant1_5500



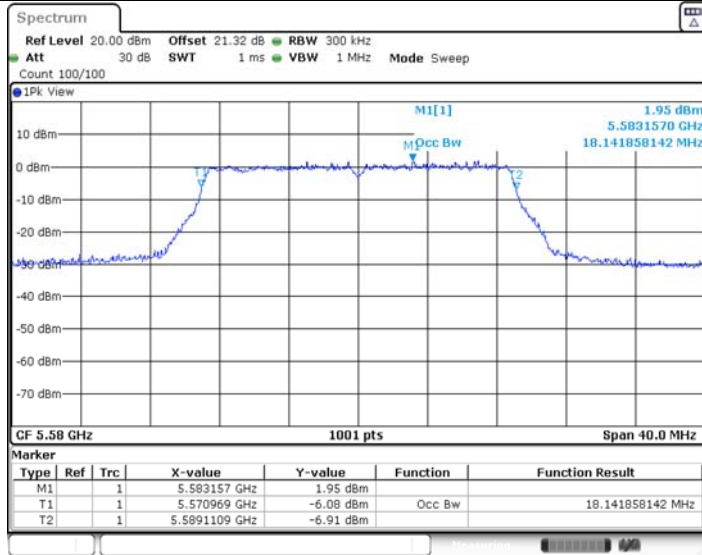
11AC20MIMO_Ant2_5500



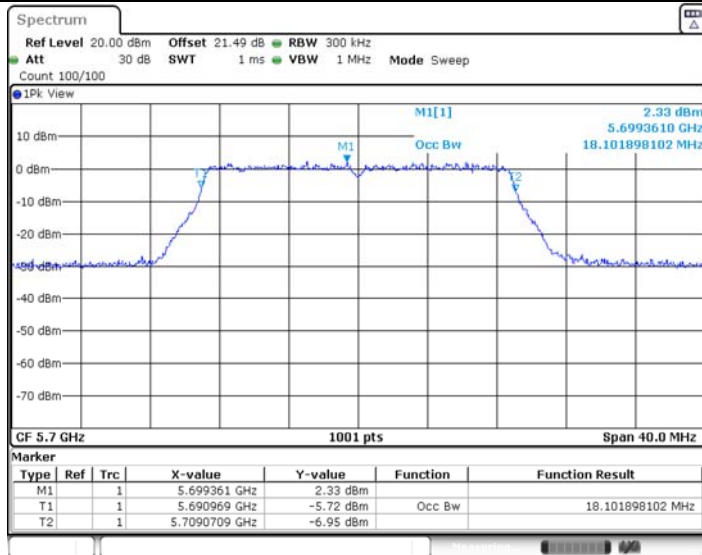
11AC20MIMO_Ant1_5580



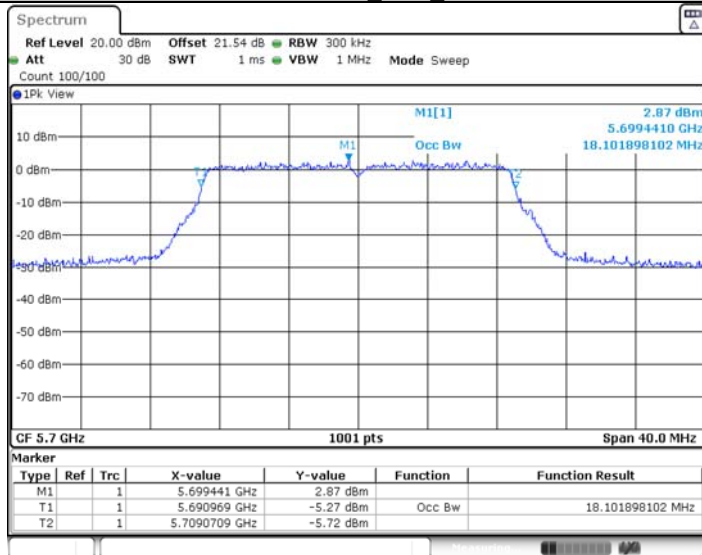
11AC20MIMO_Ant2_5580



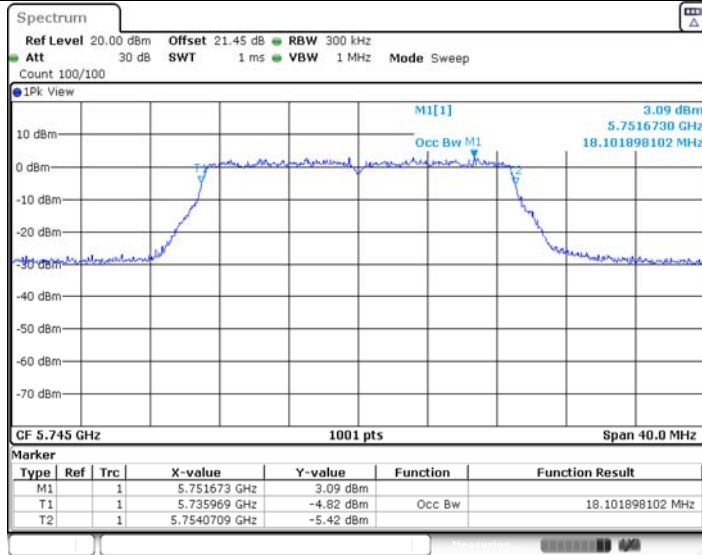
11AC20MIMO_Ant1_5700



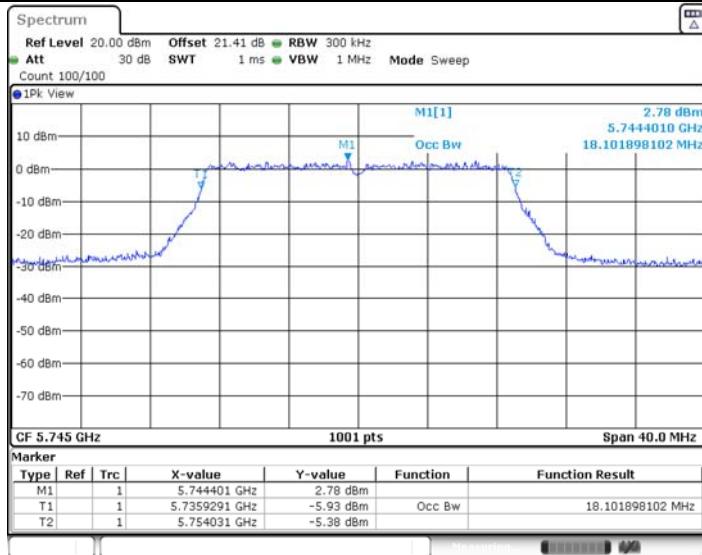
11AC20MIMO_Ant2_5700



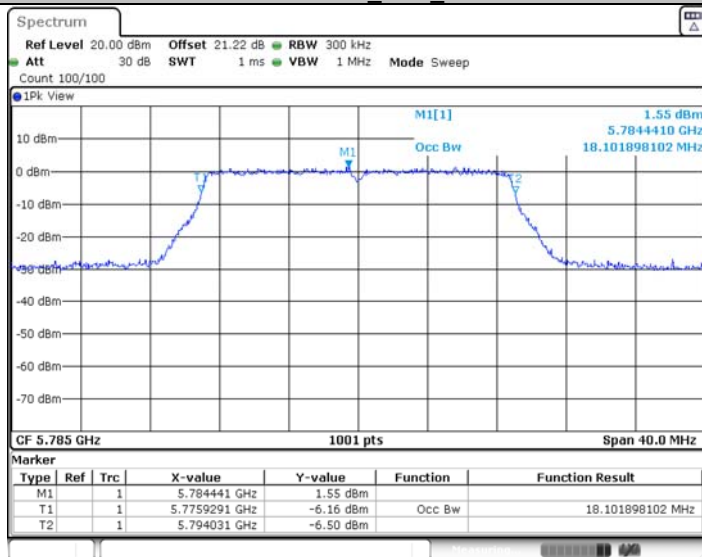
11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



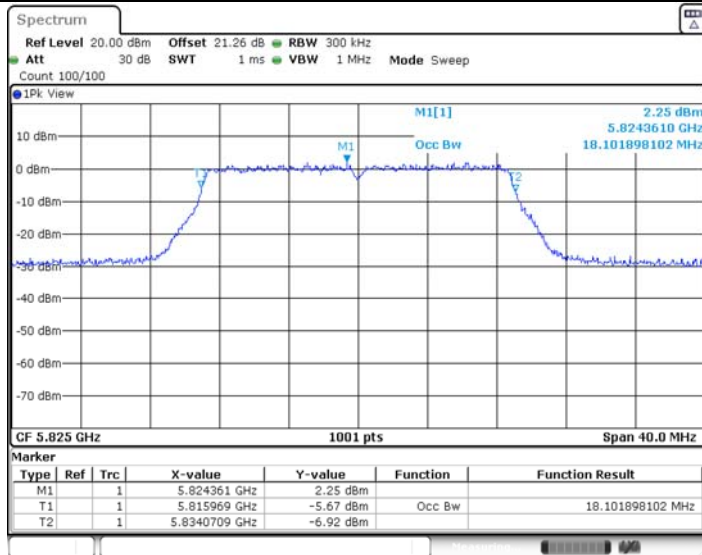
11AC20MIMO_Ant1_5785



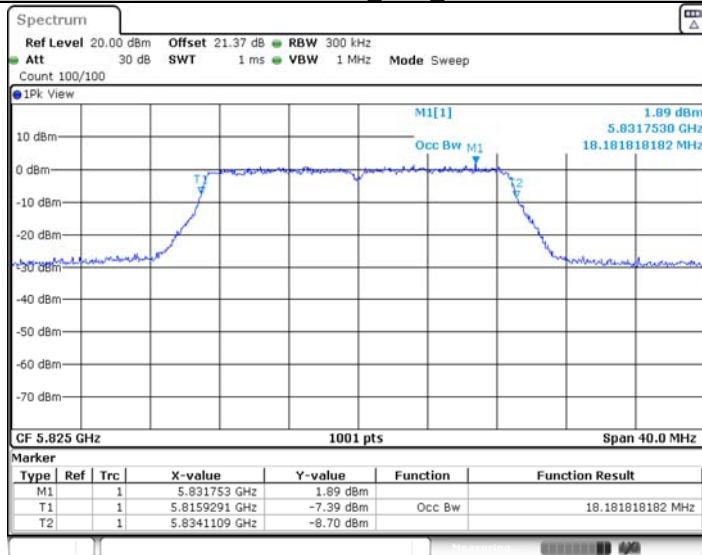
11AC20MIMO_Ant2_5785



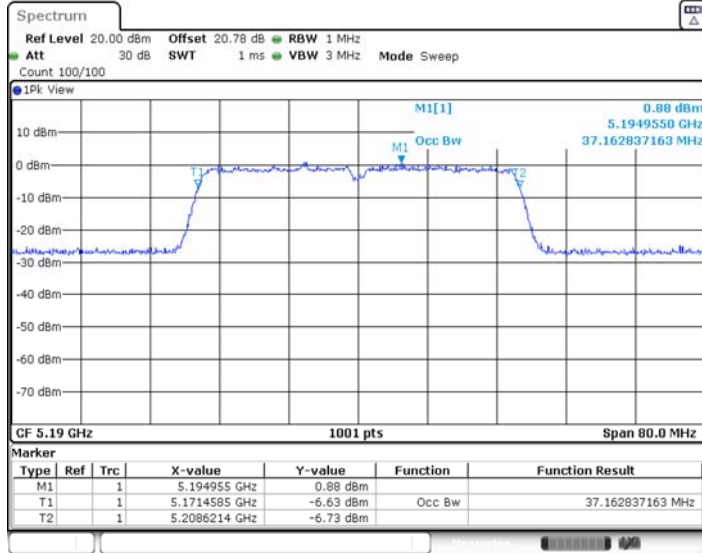
11AC20MIMO_Ant1_5825



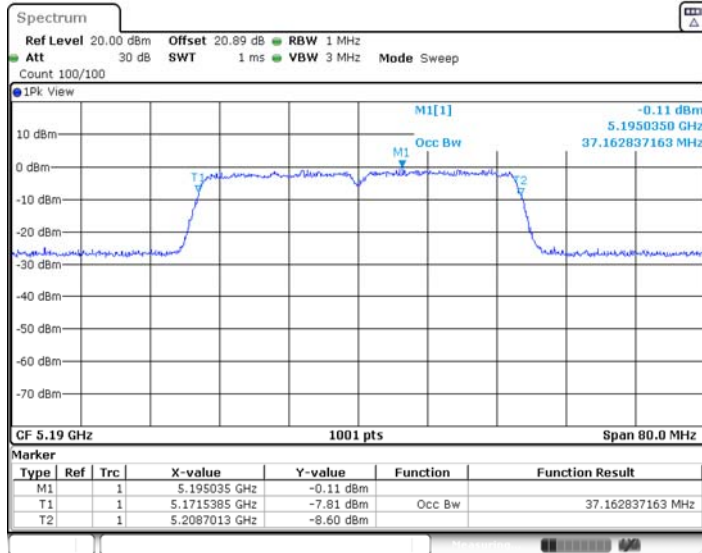
11AC20MIMO_Ant2_5825



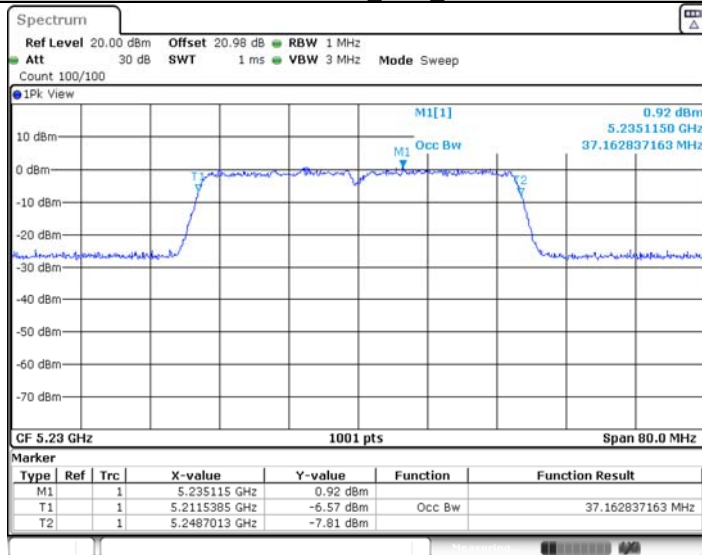
11AC40MIMO_Ant1_5190



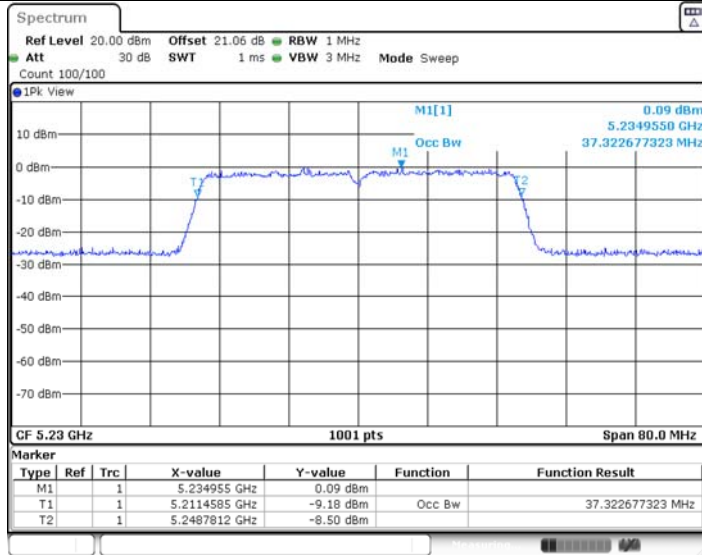
11AC40MIMO_Ant2_5190



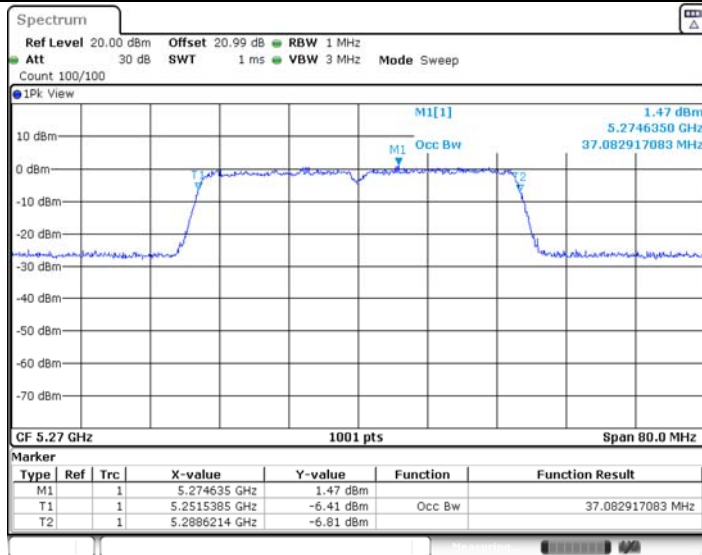
11AC40MIMO_Ant1_5230



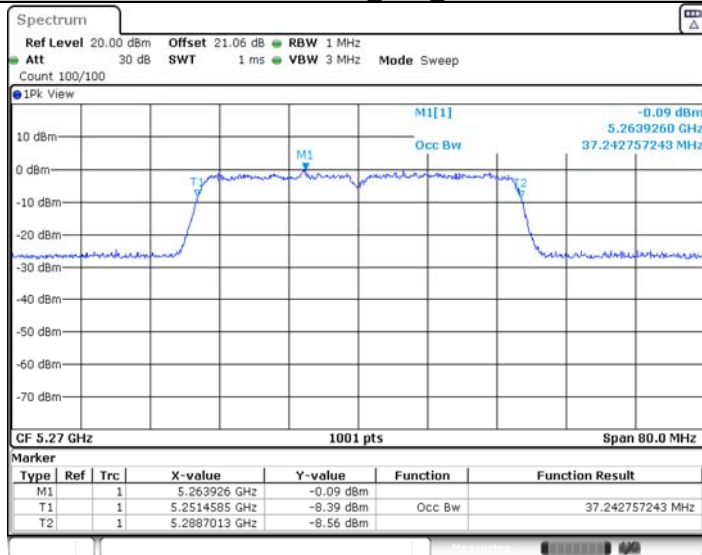
11AC40MIMO_Ant2_5230



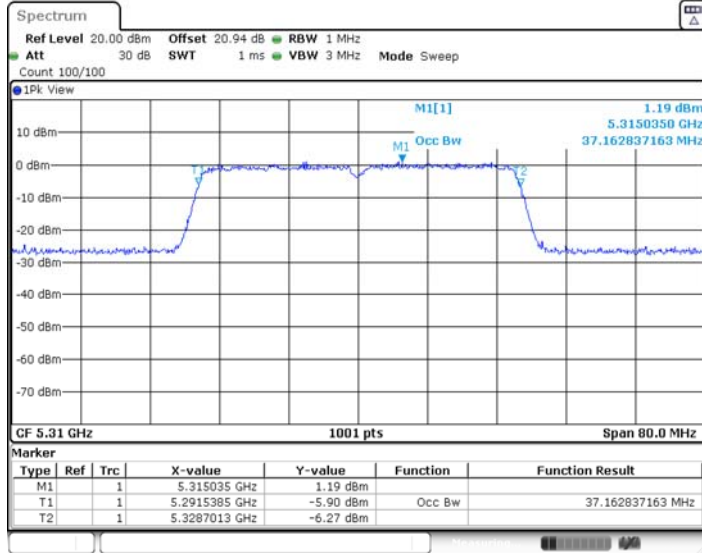
11AC40MIMO_Ant1_5270



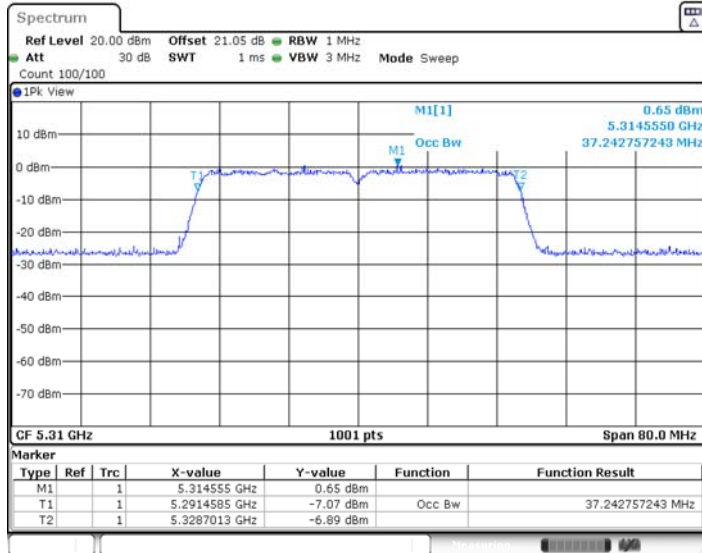
11AC40MIMO_Ant2_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310



11AC40MIMO_Ant1_5510

