

11A_Ant1_5700



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13





BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5280

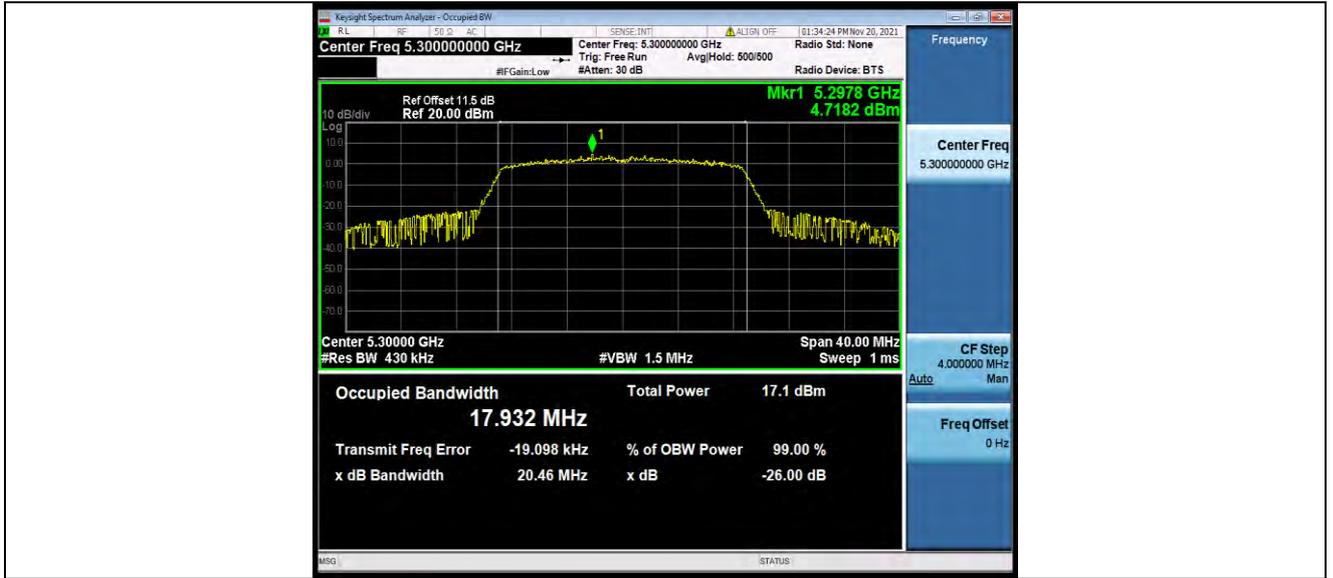


11N20SISO_Ant1_5300



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5320



11N20SISO_Ant1_5500

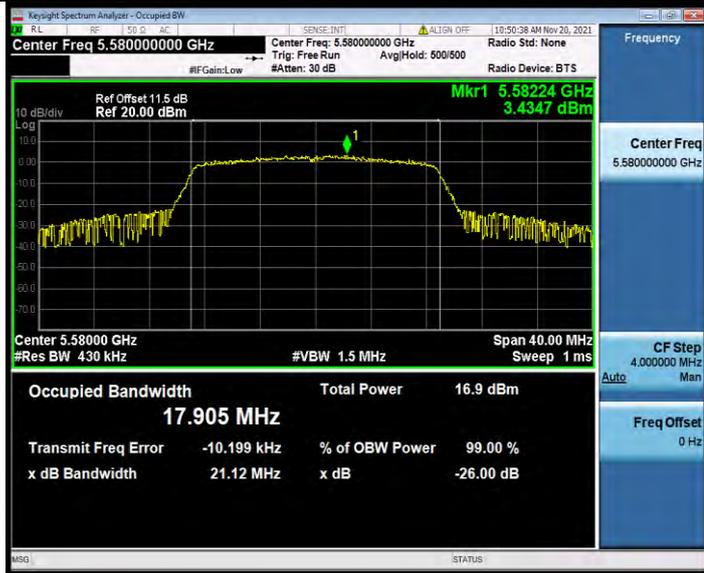


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5580

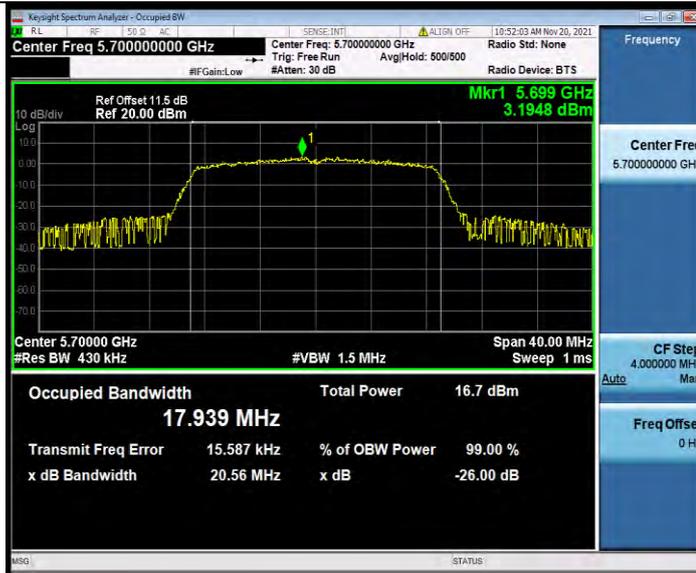


11N20SISO_Ant1_5700

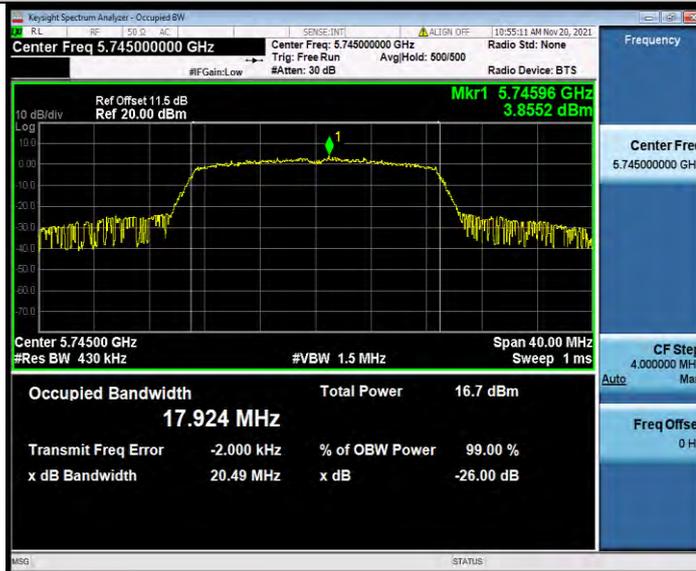


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N40SISO_Ant1_5230



11N40SISO_Ant1_5270



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N40SISO_Ant1_5310



11N40SISO_Ant1_5510



11N40SISO_Ant1_5550

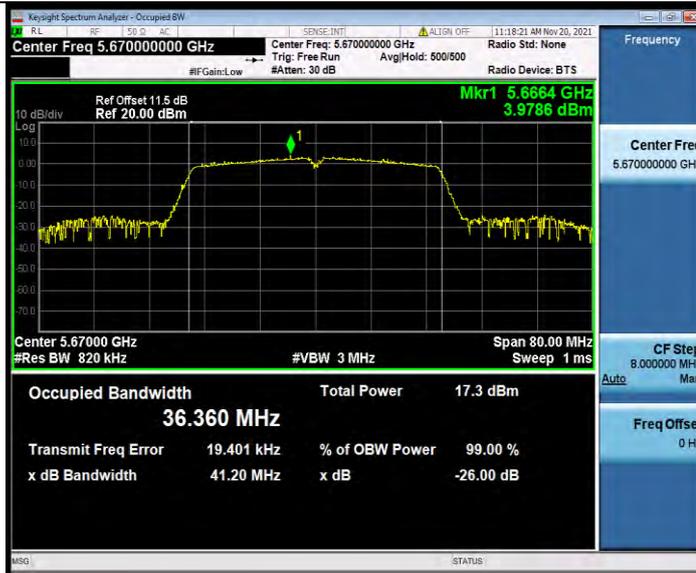


11N40SISO_Ant1_5670

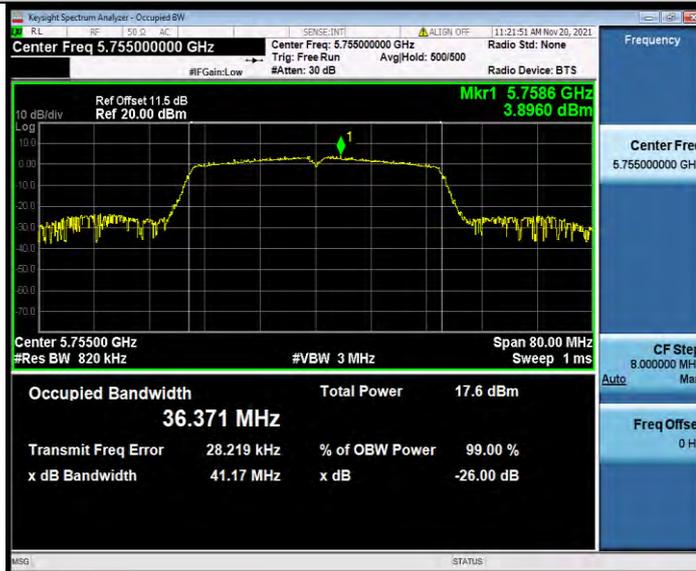


BUREAU
VERITAS

Test Report No.: W7L-P21100027RF13



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5260



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5280

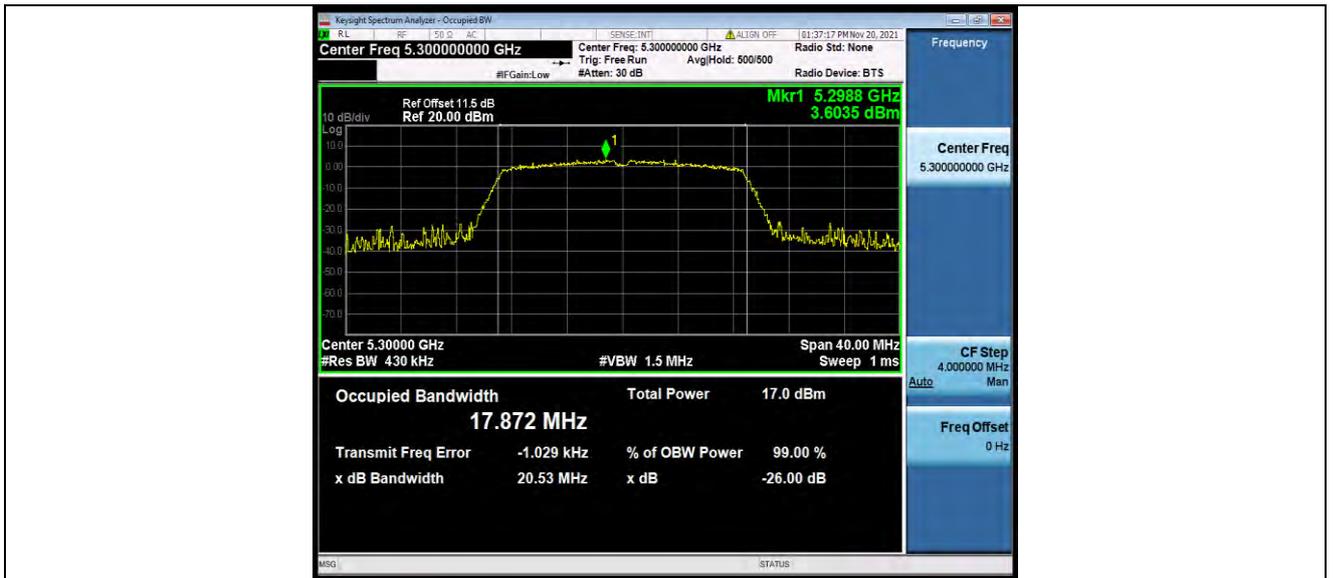


11AC20SISO_Ant1_5300



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500

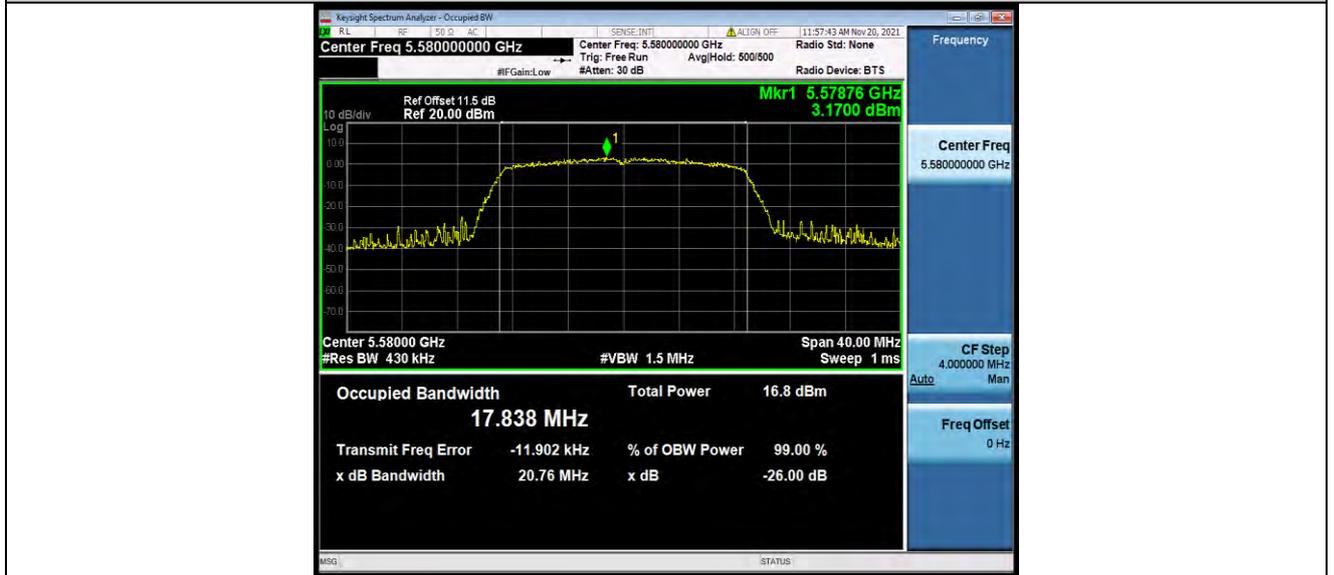


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13





BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5825

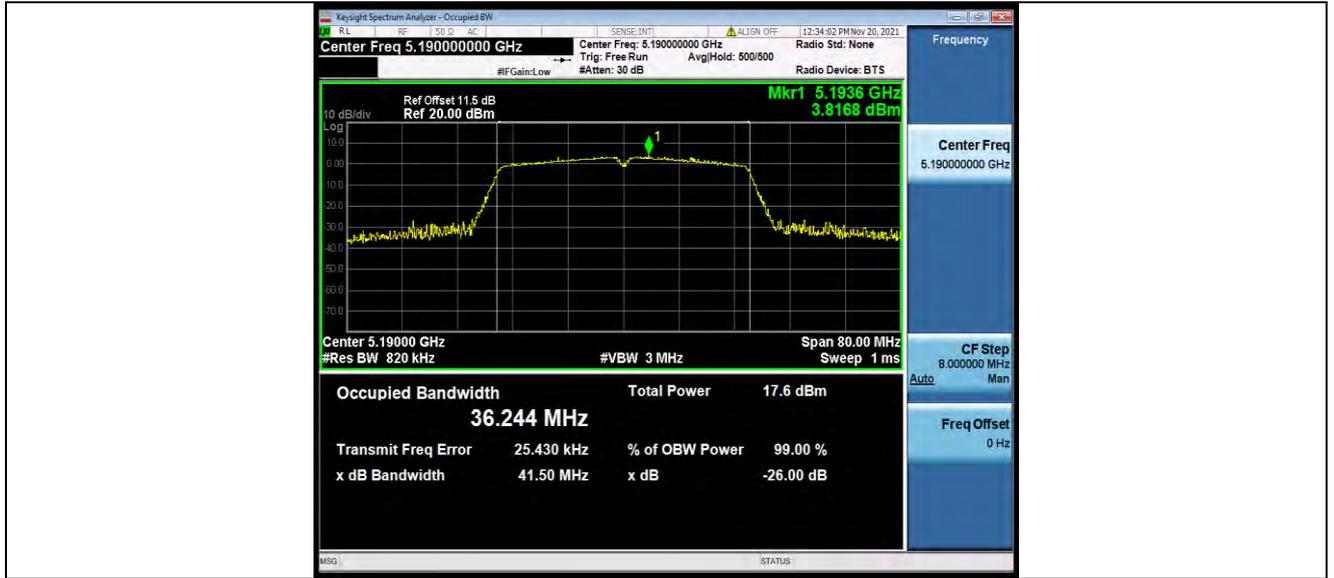


11AC40SISO_Ant1_5190



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13





BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC40SISO_Ant1_5550

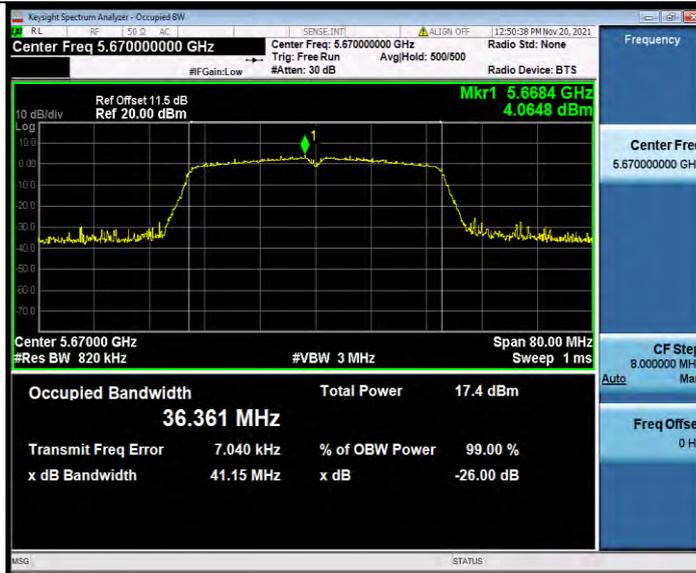


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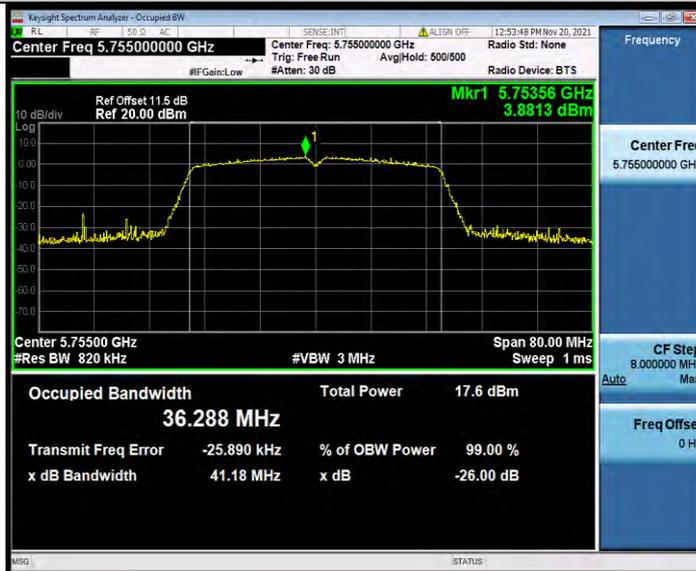


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC80SISO_Ant1_5775





6DB EMISSION BANDWIDTH

TEST RESULT

| TestMode | Antenna | Channel | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|------------------|----------|----------|------------|---------|
| 11A | Ant1 | 5745 | 15.080 | 5737.480 | 5752.560 | 0.5 | PASS |
| | | 5785 | 15.040 | 5777.440 | 5792.480 | 0.5 | PASS |
| | | 5825 | 15.040 | 5817.440 | 5832.480 | 0.5 | PASS |
| 11N20SISO | Ant1 | 5745 | 15.040 | 5737.480 | 5752.520 | 0.5 | PASS |
| | | 5785 | 15.120 | 5777.440 | 5792.560 | 0.5 | PASS |
| | | 5825 | 15.120 | 5817.440 | 5832.560 | 0.5 | PASS |
| 11N40SISO | Ant1 | 5755 | 35.040 | 5737.480 | 5772.520 | 0.5 | PASS |
| | | 5795 | 35.120 | 5777.400 | 5812.520 | 0.5 | PASS |
| 11AC20SISO | Ant1 | 5745 | 15.040 | 5737.440 | 5752.480 | 0.5 | PASS |
| | | 5785 | 13.920 | 5778.640 | 5792.560 | 0.5 | PASS |
| | | 5825 | 13.840 | 5818.680 | 5832.520 | 0.5 | PASS |
| 11AC40SISO | Ant1 | 5755 | 35.120 | 5737.400 | 5772.520 | 0.5 | PASS |
| | | 5795 | 35.120 | 5777.400 | 5812.520 | 0.5 | PASS |
| 11AC80SISO | Ant1 | 5775 | 75.200 | 5737.400 | 5812.600 | 0.5 | PASS |

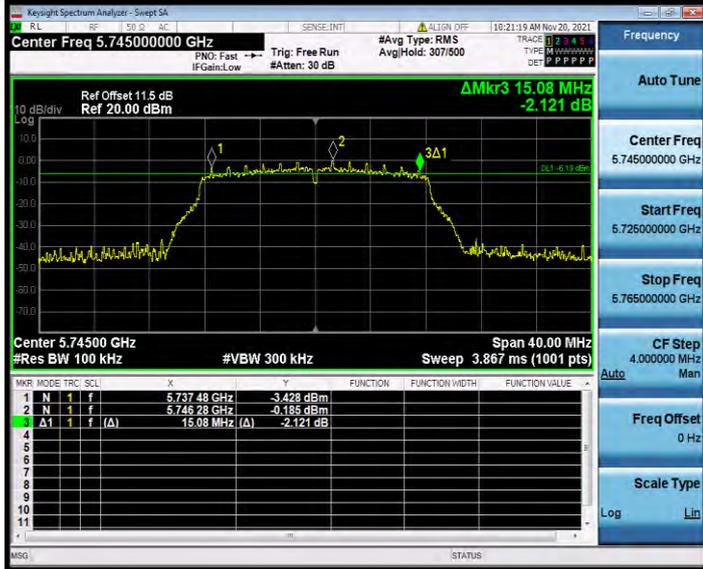


BUREAU VERITAS

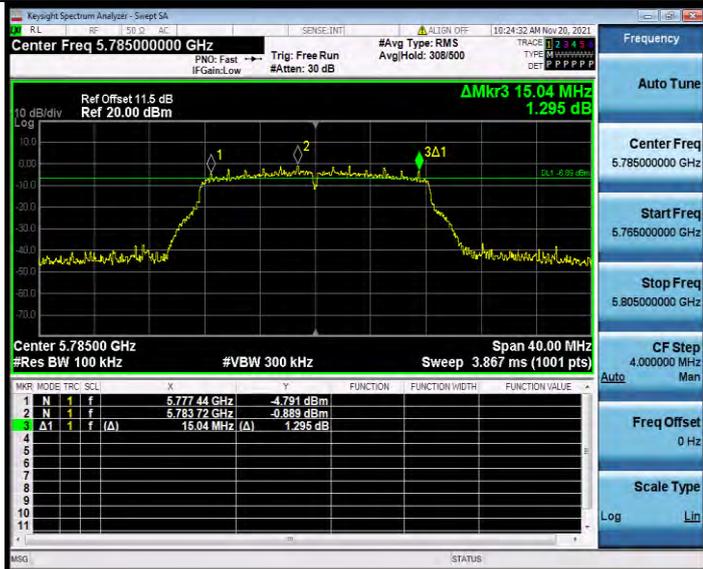
Test Report No.: W7L-P21100027RF13

TEST GRAPHS

11A_Ant1_5745



11A_Ant1_5785

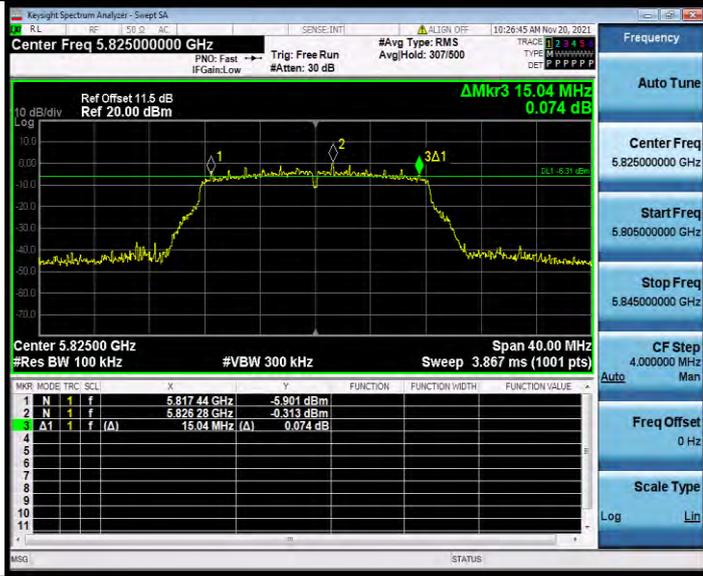


11A_Ant1_5825

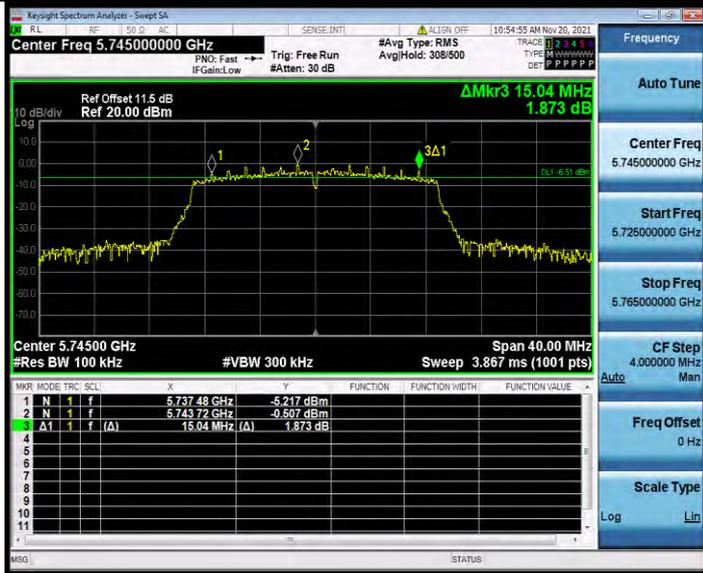


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5745

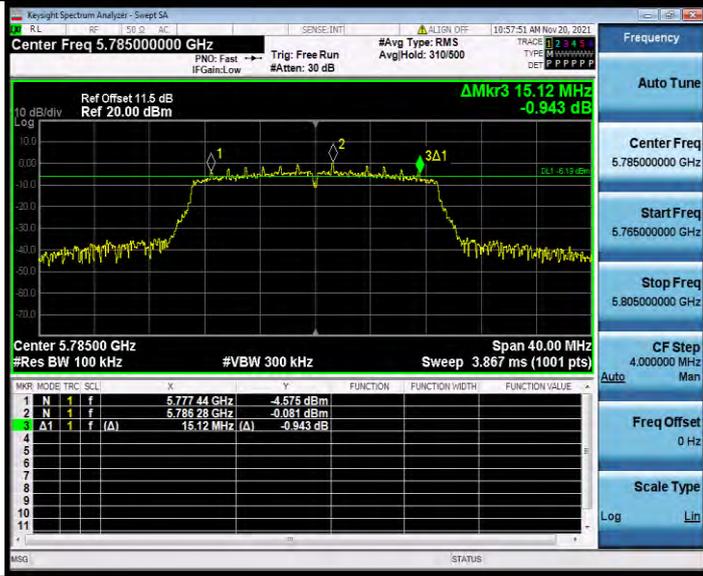


11N20SISO_Ant1_5785

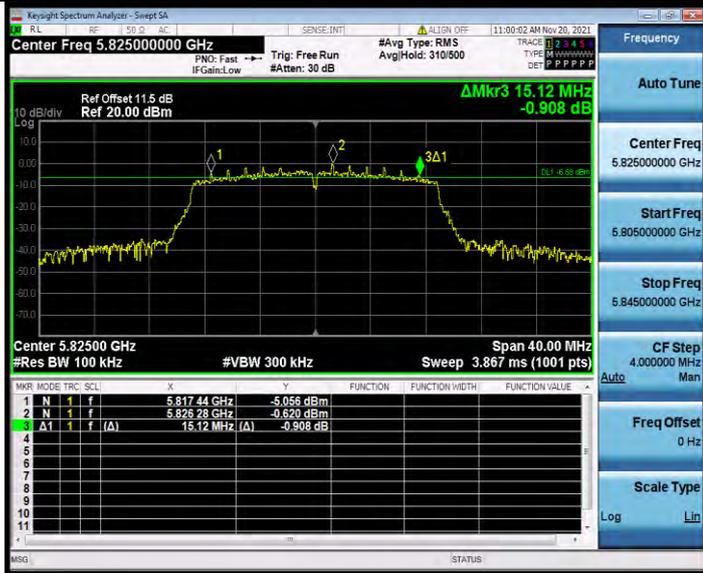


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N20SISO_Ant1_5825

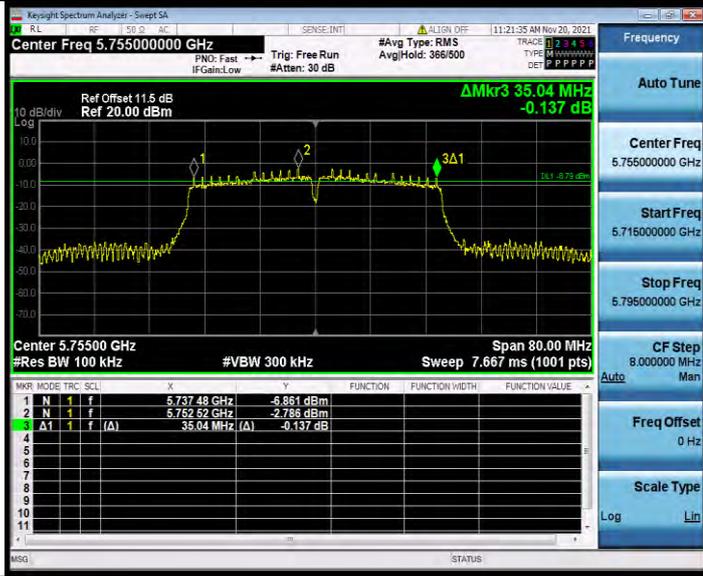


11N40SISO_Ant1_5755

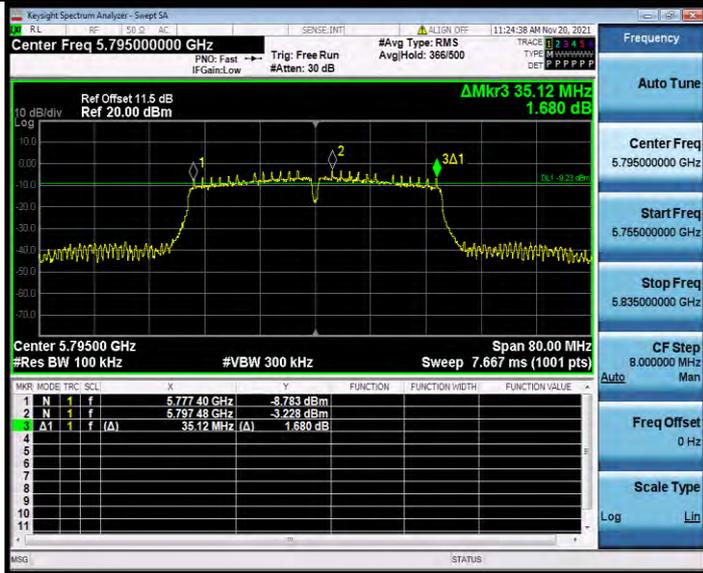


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11N40SISO_Ant1_5795

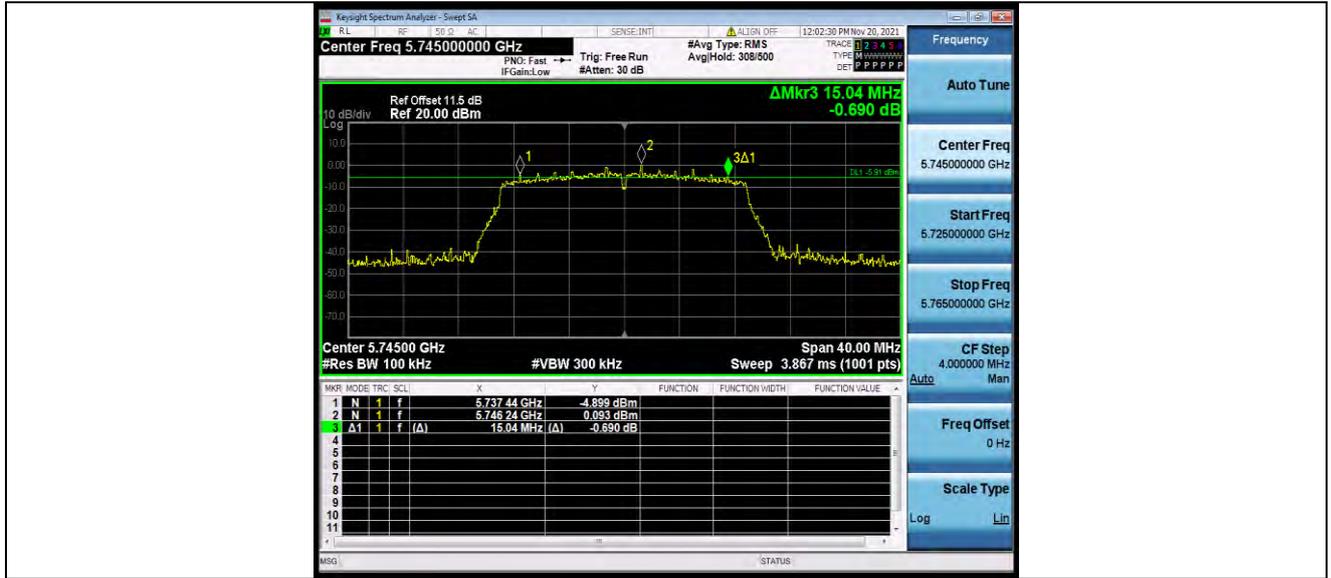


11AC20SISO_Ant1_5745



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

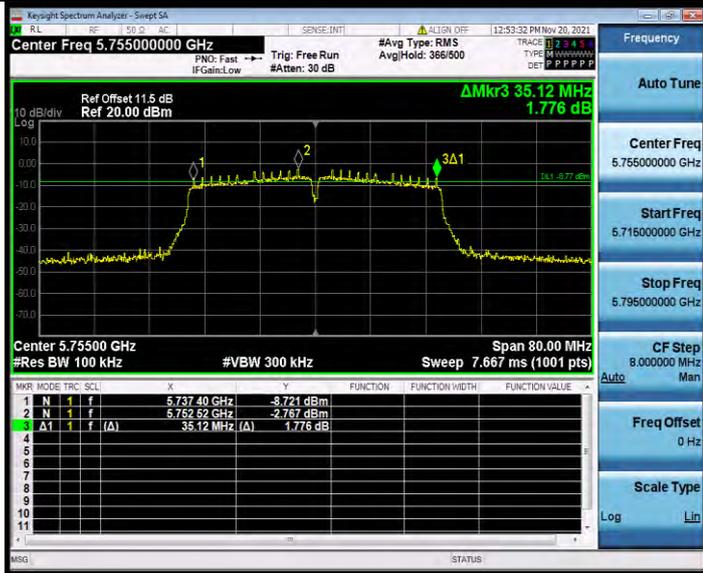


BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC40SISO_Ant1_5755

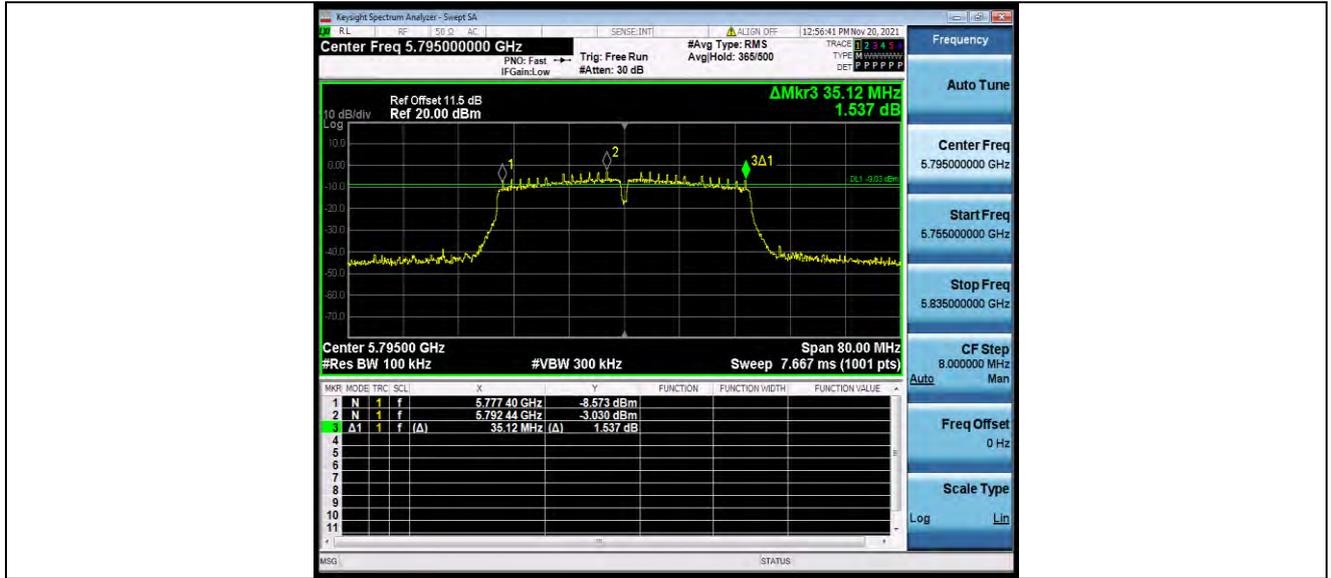


11AC40SISO_Ant1_5795



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11AC80SISO_Ant1_5775





MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

| TestMode | Antenna | Channel | Result[dBm] | Result[mw] | Limit[dBm] | Verdict |
|-----------|---------|---------|-------------|------------|------------|---------|
| 11A | Ant1 | 5180 | 13.75 | 23.71 | ≤23.98 | PASS |
| | | 5200 | 13.84 | 24.21 | ≤23.98 | PASS |
| | | 5240 | 13.82 | 24.10 | ≤23.98 | PASS |
| | | 5260 | 13.77 | 23.82 | ≤23.94 | PASS |
| | | 5300 | 13.69 | 23.39 | ≤23.96 | PASS |
| | | 5320 | 13.08 | 20.32 | ≤23.96 | PASS |
| | | 5500 | 13.52 | 22.49 | ≤23.39 | PASS |
| | | 5580 | 13.44 | 22.08 | ≤23.98 | PASS |
| | | 5700 | 13.48 | 22.28 | ≤23.95 | PASS |
| | | 5745 | 13.51 | 22.44 | ≤30 | PASS |
| | | 5785 | 13.61 | 22.96 | ≤30 | PASS |
| | | 5825 | 13.67 | 23.28 | ≤30 | PASS |
| 11N20SISO | Ant1 | 5180 | 13.62 | 23.01 | ≤23.98 | PASS |
| | | 5200 | 13.20 | 20.89 | ≤23.98 | PASS |
| | | 5240 | 13.63 | 23.07 | ≤23.98 | PASS |
| | | 5260 | 13.88 | 24.43 | ≤23.98 | PASS |
| | | 5300 | 13.58 | 22.80 | ≤23.98 | PASS |
| | | 5320 | 13.38 | 21.78 | ≤23.98 | PASS |
| | | 5500 | 13.56 | 22.70 | ≤23.98 | PASS |
| | | 5580 | 13.32 | 21.48 | ≤23.98 | PASS |
| | | 5700 | 13.40 | 21.88 | ≤23.98 | PASS |
| | | 5745 | 13.43 | 22.03 | ≤30 | PASS |
| | | 5785 | 13.52 | 22.49 | ≤30 | PASS |
| | | 5825 | 13.58 | 22.80 | ≤30 | PASS |
| 11N40SISO | Ant1 | 5190 | 13.63 | 23.07 | ≤23.98 | PASS |
| | | 5230 | 13.58 | 22.80 | ≤23.98 | PASS |
| | | 5270 | 13.55 | 22.65 | ≤23.98 | PASS |
| | | 5310 | 13.46 | 22.18 | ≤23.98 | PASS |
| | | 5510 | 13.39 | 21.83 | ≤23.98 | PASS |
| | | 5550 | 13.60 | 22.91 | ≤23.98 | PASS |



| | | | | | | |
|------------|------|------|-------|-------|--------|------|
| | | 5670 | 13.18 | 20.80 | ≤23.98 | PASS |
| | | 5755 | 13.52 | 22.49 | ≤30 | PASS |
| | | 5795 | 13.54 | 22.59 | ≤30 | PASS |
| 11AC20SISO | Ant1 | 5180 | 13.17 | 20.75 | ≤23.98 | PASS |
| | | 5200 | 13.62 | 23.01 | ≤23.98 | PASS |
| | | 5240 | 13.60 | 22.91 | ≤23.98 | PASS |
| | | 5260 | 13.54 | 22.59 | ≤23.98 | PASS |
| | | 5300 | 13.43 | 22.03 | ≤23.98 | PASS |
| | | 5320 | 13.40 | 21.88 | ≤23.98 | PASS |
| | | 5500 | 13.40 | 21.88 | ≤23.98 | PASS |
| | | 5580 | 13.28 | 21.28 | ≤23.93 | PASS |
| | | 5700 | 13.32 | 21.48 | ≤23.98 | PASS |
| | | 5745 | 13.44 | 22.08 | ≤30 | PASS |
| | | 5785 | 13.56 | 22.70 | ≤30 | PASS |
| | | 5825 | 13.55 | 22.65 | ≤30 | PASS |
| 11AC40SISO | Ant1 | 5190 | 13.14 | 20.61 | ≤23.98 | PASS |
| | | 5230 | 13.60 | 22.91 | ≤23.98 | PASS |
| | | 5270 | 13.51 | 22.44 | ≤23.98 | PASS |
| | | 5310 | 13.42 | 21.98 | ≤23.98 | PASS |
| | | 5510 | 13.36 | 21.68 | ≤23.98 | PASS |
| | | 5550 | 13.63 | 23.07 | ≤23.98 | PASS |
| | | 5670 | 13.16 | 20.70 | ≤23.98 | PASS |
| | | 5755 | 13.51 | 22.44 | ≤30 | PASS |
| | | 5795 | 13.46 | 22.18 | ≤30 | PASS |
| 11AC80SISO | Ant1 | 5210 | 13.51 | 22.44 | ≤23.98 | PASS |
| | | 5290 | 13.54 | 22.59 | ≤23.98 | PASS |
| | | 5530 | 13.57 | 22.75 | ≤23.98 | PASS |
| | | 5610 | 13.56 | 22.70 | ≤23.98 | PASS |
| | | 5775 | 13.50 | 22.39 | ≤30 | PASS |

Note: The conducted output power =duty factor + Measure power



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

| TestMode | Antenna | Channel | Result [dBm/MHz] | Limit[dBm/MHz] | Verdict |
|-----------|---------|---------|------------------|----------------|---------|
| 11A | Ant1 | 5180 | 0.16 | ≤11 | PASS |
| | | 5200 | 0.41 | ≤11 | PASS |
| | | 5240 | 1.16 | ≤11 | PASS |
| | | 5260 | 0.95 | ≤11 | PASS |
| | | 5280 | 0.79 | ≤11 | PASS |
| | | 5300 | 0.48 | ≤11 | PASS |
| | | 5320 | 0.48 | ≤11 | PASS |
| | | 5500 | 0.11 | ≤11 | PASS |
| | | 5580 | 0.06 | ≤11 | PASS |
| | | 5700 | -0.25 | ≤11 | PASS |
| | | 5745 | -2.8 | ≤30 | PASS |
| | | 5785 | -2.98 | ≤30 | PASS |
| | | 5825 | -3 | ≤30 | PASS |
| 11N20SISO | Ant1 | 5180 | -0.32 | ≤11 | PASS |
| | | 5200 | 0.44 | ≤11 | PASS |
| | | 5240 | 0.53 | ≤11 | PASS |
| | | 5260 | 0.64 | ≤11 | PASS |
| | | 5280 | 0.86 | ≤11 | PASS |
| | | 5300 | -0.08 | ≤11 | PASS |
| | | 5320 | 0.45 | ≤11 | PASS |
| | | 5500 | -0.35 | ≤11 | PASS |
| | | 5580 | 0.02 | ≤11 | PASS |
| | | 5700 | -0.51 | ≤11 | PASS |
| | | 5745 | -3.19 | ≤30 | PASS |
| | | 5785 | -3.33 | ≤30 | PASS |
| | | 5825 | -3.45 | ≤30 | PASS |
| 11N40SISO | Ant1 | 5190 | -2.6 | ≤11 | PASS |
| | | 5230 | -2.4 | ≤11 | PASS |
| | | 5270 | -1.73 | ≤11 | PASS |



| | | | | | |
|------------|------|------|-------|-----|------|
| | | 5310 | -2.1 | ≤11 | PASS |
| | | 5510 | -2.86 | ≤11 | PASS |
| | | 5550 | -2.42 | ≤11 | PASS |
| | | 5670 | -3.01 | ≤11 | PASS |
| | | 5755 | -5.94 | ≤30 | PASS |
| | | 5795 | -5.89 | ≤30 | PASS |
| 11AC20SISO | Ant1 | 5180 | -0.4 | ≤11 | PASS |
| | | 5200 | -0.38 | ≤11 | PASS |
| | | 5240 | -0.23 | ≤11 | PASS |
| | | 5260 | 0.71 | ≤11 | PASS |
| | | 5280 | -0.3 | ≤11 | PASS |
| | | 5300 | -0.08 | ≤11 | PASS |
| | | 5320 | 0.25 | ≤11 | PASS |
| | | 5500 | -0.11 | ≤11 | PASS |
| | | 5580 | -0.14 | ≤11 | PASS |
| | | 5700 | -0.59 | ≤11 | PASS |
| | | 5745 | -3.24 | ≤30 | PASS |
| | | 5785 | -3.54 | ≤30 | PASS |
| | | 5825 | -3.64 | ≤30 | PASS |
| 11AC40SISO | Ant1 | 5190 | -2.72 | ≤11 | PASS |
| | | 5230 | -2.51 | ≤11 | PASS |
| | | 5270 | -2.51 | ≤11 | PASS |
| | | 5310 | -2.15 | ≤11 | PASS |
| | | 5510 | -2.89 | ≤11 | PASS |
| | | 5550 | -2.43 | ≤11 | PASS |
| | | 5670 | -3.26 | ≤11 | PASS |
| | | 5755 | -5.54 | ≤30 | PASS |
| | | 5795 | -5.84 | ≤30 | PASS |
| 11AC80SISO | Ant1 | 5210 | -5.44 | ≤11 | PASS |
| | | 5290 | -5.02 | ≤11 | PASS |
| | | 5530 | -5.54 | ≤11 | PASS |
| | | 5610 | -5.27 | ≤11 | PASS |
| | | 5775 | -9.12 | ≤30 | PASS |

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725 5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



BUREAU
VERITAS

Test Report No.: W7L-P21100027RF13

TEST GRAPHS

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11A_Ant1_5260



11A_Ant1_5280



BUREAU VERITAS

Test Report No.: W7L-P21100027RF13



11A_Ant1_5300



11A_Ant1_5320