

01800000, Ant 1

| | median | std |
|------|---------|-------|
| FWD: | 10.80% | 2.44% |
| REV: | -56.74% | 1.65% |
| SWR: | -15.86% | 0.38% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|--------|----------|---------|--------|----------|---------|
| 5 | 8.9% | 5.51 | 5.06 | -55.9% | 0.119 | 0.269 | -16.2% | 1.34 | 1.60 |
| 10 | 4.8% | 11.64 | 11.10 | -57.2% | 0.255 | 0.597 | -15.9% | 1.35 | 1.60 |
| 15 | 4.8% | 16.01 | 15.28 | -58.3% | 0.344 | 0.824 | -16.0% | 1.34 | 1.60 |
| 20 | 8.9% | 21.94 | 20.16 | -58.0% | 0.458 | 1.089 | -16.2% | 1.34 | 1.60 |
| 25 | 7.0% | 28.81 | 26.93 | -59.9% | 0.583 | 1.454 | -16.3% | 1.33 | 1.59 |
| 30 | 8.1% | 33.51 | 31.02 | -59.9% | 0.670 | 1.671 | -16.3% | 1.33 | 1.59 |
| 35 | 9.7% | 39.75 | 36.25 | -59.9% | 0.782 | 1.950 | -16.3% | 1.33 | 1.59 |
| 40 | 11.9% | 45.36 | 40.54 | -59.0% | 0.890 | 2.169 | -16.3% | 1.33 | 1.58 |
| 50 | 12.0% | 60.14 | 53.67 | -58.8% | 1.165 | 2.830 | -16.3% | 1.32 | 1.58 |
| 60 | 12.5% | 69.41 | 61.68 | -58.3% | 1.347 | 3.232 | -16.2% | 1.32 | 1.58 |
| 70 | 12.6% | 79.03 | 70.21 | -57.8% | 1.541 | 3.650 | -16.1% | 1.32 | 1.58 |
| 80 | 12.4% | 90.23 | 80.24 | -57.3% | 1.775 | 4.160 | -16.0% | 1.33 | 1.58 |
| 90 | 12.1% | 101.02 | 90.09 | -56.8% | 2.000 | 4.628 | -15.8% | 1.33 | 1.58 |
| 100 | 11.6% | 112.88 | 101.16 | -56.7% | 2.263 | 5.225 | -15.8% | 1.33 | 1.58 |
| 110 | 13.3% | 121.47 | 107.25 | -55.8% | 2.446 | 5.529 | -15.7% | 1.33 | 1.58 |
| 120 | 12.9% | 130.39 | 115.46 | -55.4% | 2.637 | 5.917 | -15.6% | 1.33 | 1.58 |
| 130 | 12.4% | 139.93 | 124.48 | -55.4% | 2.841 | 6.362 | -15.5% | 1.33 | 1.58 |
| 140 | 11.9% | 149.71 | 133.81 | -55.0% | 3.050 | 6.778 | -15.4% | 1.33 | 1.57 |
| 150 | 11.0% | 159.11 | 143.29 | -55.3% | 3.258 | 7.295 | -15.4% | 1.33 | 1.58 |
| 160 | 10.6% | 169.57 | 153.37 | -55.3% | 3.485 | 7.800 | -15.4% | 1.33 | 1.58 |
| 170 | 10.2% | 180.32 | 163.60 | -55.4% | 3.702 | 8.306 | -15.4% | 1.33 | 1.58 |
| 180 | 9.1% | 191.30 | 175.36 | -55.5% | 3.934 | 8.839 | -15.3% | 1.33 | 1.58 |
| 190 | 9.2% | 202.51 | 185.46 | -55.8% | 4.154 | 9.395 | -15.4% | 1.33 | 1.58 |
| 200 | 8.3% | 213.46 | 197.09 | -56.0% | 4.386 | 9.969 | -15.4% | 1.33 | 1.58 |

03500000, Ant 1

| | median | std |
|------|---------|-------|
| FWD: | 10.83% | 2.86% |
| REV: | -49.77% | 2.07% |
| SWR: | -12.13% | 0.48% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|--------|----------|---------|--------|----------|---------|
| 5 | 9.1% | 5.47 | 5.01 | -49.9% | 0.101 | 0.201 | -12.7% | 1.31 | 1.51 |
| 10 | 5.6% | 11.71 | 11.09 | -50.1% | 0.222 | 0.445 | -12.0% | 1.32 | 1.50 |
| 15 | 5.3% | 16.07 | 15.26 | -51.3% | 0.300 | 0.617 | -12.1% | 1.32 | 1.50 |
| 20 | 5.1% | 21.93 | 20.86 | -53.0% | 0.400 | 0.851 | -12.3% | 1.31 | 1.50 |
| 25 | 8.6% | 28.88 | 26.59 | -52.7% | 0.511 | 1.081 | -12.3% | 1.31 | 1.49 |
| 30 | 9.8% | 33.76 | 30.75 | -53.2% | 0.589 | 1.257 | -12.6% | 1.30 | 1.49 |
| 35 | 10.9% | 40.00 | 36.06 | -53.2% | 0.687 | 1.468 | -12.8% | 1.30 | 1.49 |
| 40 | 10.9% | 45.72 | 41.22 | -53.0% | 0.778 | 1.657 | -12.7% | 1.30 | 1.49 |
| 50 | 13.1% | 60.45 | 53.45 | -52.3% | 1.019 | 2.135 | -12.8% | 1.30 | 1.49 |
| 60 | 13.6% | 69.75 | 61.41 | -51.7% | 1.177 | 2.438 | -12.7% | 1.30 | 1.49 |
| 70 | 13.9% | 79.25 | 69.55 | -51.4% | 1.346 | 2.768 | -12.8% | 1.30 | 1.49 |
| 80 | 14.2% | 90.91 | 79.62 | -50.8% | 1.555 | 3.164 | -12.7% | 1.30 | 1.49 |
| 90 | 15.8% | 101.51 | 87.64 | -49.1% | 1.758 | 3.454 | -12.5% | 1.30 | 1.49 |
| 100 | 12.0% | 114.05 | 101.84 | -49.7% | 1.994 | 3.962 | -12.2% | 1.30 | 1.49 |
| 110 | 13.6% | 122.26 | 107.63 | -48.5% | 2.151 | 4.180 | -12.1% | 1.31 | 1.49 |
| 120 | 13.4% | 131.15 | 115.62 | -48.2% | 2.320 | 4.480 | -12.0% | 1.31 | 1.49 |
| 130 | 12.8% | 140.68 | 124.74 | -47.8% | 2.501 | 4.792 | -11.9% | 1.31 | 1.48 |
| 140 | 11.4% | 150.34 | 134.90 | -48.2% | 2.687 | 5.192 | -11.8% | 1.31 | 1.48 |
| 150 | 10.8% | 160.03 | 144.48 | -48.3% | 2.878 | 5.562 | -11.8% | 1.31 | 1.49 |
| 160 | 10.0% | 170.05 | 154.66 | -48.1% | 3.077 | 5.928 | -11.7% | 1.31 | 1.48 |
| 170 | 9.3% | 180.67 | 165.29 | -47.8% | 3.274 | 6.271 | -11.5% | 1.31 | 1.48 |
| 180 | 8.9% | 191.84 | 176.09 | -47.6% | 3.484 | 6.650 | -11.3% | 1.31 | 1.48 |
| 190 | 9.5% | 203.44 | 185.85 | -48.0% | 3.690 | 7.100 | -11.5% | 1.31 | 1.48 |
| 200 | 9.6% | 214.66 | 195.83 | -47.8% | 3.901 | 7.473 | -11.4% | 1.31 | 1.48 |

07000000, Ant 1

| | median | std |
|------|---------|--------|
| FWD: | 9.39% | 2.20% |
| REV: | 188.99% | 11.17% |
| SWR: | 8.84% | 0.54% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|--------|----------|---------|-------|----------|---------|
| 5 | 9.5% | 5.36 | 4.89 | 163.5% | 0.065 | 0.025 | 8.1% | 1.25 | 1.15 |
| 10 | 4.5% | 11.36 | 10.88 | 190.7% | 0.147 | 0.050 | 9.7% | 1.26 | 1.15 |
| 15 | 4.3% | 15.61 | 14.97 | 204.4% | 0.200 | 0.066 | 10.1% | 1.26 | 1.14 |
| 20 | 8.5% | 21.31 | 19.64 | 213.4% | 0.269 | 0.086 | 10.0% | 1.25 | 1.14 |
| 25 | 9.0% | 28.04 | 25.73 | 213.5% | 0.342 | 0.109 | 9.8% | 1.25 | 1.14 |
| 30 | 8.1% | 32.57 | 30.12 | 203.6% | 0.390 | 0.129 | 9.7% | 1.25 | 1.14 |
| 35 | 9.6% | 38.58 | 35.20 | 201.5% | 0.453 | 0.150 | 9.4% | 1.24 | 1.14 |
| 40 | 9.1% | 43.95 | 40.27 | 199.9% | 0.510 | 0.170 | 9.3% | 1.24 | 1.14 |
| 50 | 10.4% | 57.97 | 52.52 | 192.9% | 0.659 | 0.225 | 8.9% | 1.24 | 1.14 |
| 60 | 10.7% | 66.87 | 60.40 | 195.2% | 0.758 | 0.257 | 8.9% | 1.24 | 1.14 |
| 70 | 12.6% | 76.39 | 67.83 | 189.7% | 0.866 | 0.299 | 8.6% | 1.24 | 1.14 |
| 80 | 12.0% | 87.07 | 77.70 | 179.4% | 0.992 | 0.355 | 8.4% | 1.24 | 1.14 |
| 90 | 11.6% | 97.11 | 86.99 | 180.1% | 1.113 | 0.397 | 8.4% | 1.24 | 1.14 |
| 100 | 10.3% | 109.17 | 98.96 | 185.5% | 1.257 | 0.440 | 8.7% | 1.24 | 1.14 |
| 110 | 11.3% | 116.97 | 105.11 | 185.8% | 1.357 | 0.475 | 8.6% | 1.24 | 1.14 |
| 120 | 11.5% | 125.51 | 112.53 | 185.3% | 1.459 | 0.512 | 8.6% | 1.24 | 1.14 |
| 130 | 11.6% | 134.53 | 120.59 | 185.6% | 1.567 | 0.549 | 8.6% | 1.24 | 1.14 |
| 140 | 11.5% | 144.16 | 129.24 | 185.6% | 1.678 | 0.588 | 8.6% | 1.24 | 1.14 |
| 150 | 9.3% | 153.64 | 140.56 | 184.8% | 1.792 | 0.629 | 8.7% | 1.24 | 1.14 |
| 160 | 9.1% | 163.55 | 149.95 | 188.3% | 1.899 | 0.659 | 8.8% | 1.24 | 1.14 |
| 170 | 6.6% | 170.16 | 159.61 | 199.1% | 2.112 | 0.706 | 9.5% | 1.25 | 1.14 |
| 180 | 8.3% | 183.40 | 169.35 | 185.3% | 2.170 | 0.761 | 8.8% | 1.24 | 1.14 |
| 190 | 7.3% | 193.47 | 180.32 | 193.8% | 2.306 | 0.785 | 9.2% | 1.25 | 1.14 |
| 200 | 8.0% | 207.30 | 191.92 | 187.6% | 2.390 | 0.831 | 8.8% | 1.24 | 1.14 |

10100000, Ant 1

| | median | std |
|------|-----------|----------|
| FWD: | 8.19% | 2.34% |
| REV: | 21436.87% | 2302.05% |
| SWR: | 22.55% | 0.52% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|----------|----------|---------|-------|----------|---------|
| 5 | 7.7% | 5.19 | 4.82 | 18422.4% | 0.064 | 0.000 | 22.9% | 1.25 | 1.02 |
| 10 | 3.1% | 11.09 | 10.75 | 20446.6% | 0.146 | 0.001 | 23.9% | 1.26 | 1.02 |
| 15 | 2.8% | 15.22 | 14.80 | 20713.3% | 0.200 | 0.001 | 23.9% | 1.26 | 1.02 |
| 20 | 5.3% | 20.69 | 19.65 | 21374.5% | 0.266 | 0.001 | 23.6% | 1.26 | 1.02 |
| 25 | 6.5% | 27.11 | 25.46 | 20683.4% | 0.339 | 0.002 | 23.2% | 1.25 | 1.02 |
| 30 | 6.1% | 31.60 | 29.79 | 20238.2% | 0.387 | 0.002 | 23.0% | 1.25 | 1.02 |
| 35 | 8.3% | 37.50 | 34.63 | 20143.2% | 0.451 | 0.002 | 22.7% | 1.25 | 1.02 |
| 40 | 8.1% | 42.82 | 39.61 | 20155.0% | 0.507 | 0.003 | 22.5% | 1.24 | 1.02 |
| 50 | 8.9% | 56.50 | 51.90 | 20366.0% | 0.654 | 0.003 | 22.2% | 1.24 | 1.02 |
| 60 | 9.6% | 65.24 | 59.51 | 20657.6% | 0.750 | 0.004 | 22.1% | 1.24 | 1.02 |
| 70 | 10.2% | 74.45 | 67.55 | 20783.7% | 0.854 | 0.004 | 22.1% | 1.24 | 1.02 |
| 80 | 10.9% | 85.34 | 76.97 | 21327.9% | 0.979 | 0.005 | 22.1% | 1.24 | 1.02 |
| 90 | 11.2% | 95.16 | 85.55 | 21499.2% | 1.097 | 0.005 | 22.2% | 1.24 | 1.02 |
| 100 | 9.4% | 106.91 | 97.77 | 22220.6% | 1.238 | 0.006 | 22.3% | 1.24 | 1.02 |
| 110 | 11.2% | 114.94 | 103.34 | 22828.6% | 1.336 | 0.006 | 22.3% | 1.24 | 1.01 |
| 120 | 11.2% | 123.09 | 110.72 | 23131.3% | 1.440 | 0.006 | 22.4% | 1.24 | 1.01 |
| 130 | 10.6% | 132.06 | 119.35 | 23899.1% | 1.553 | 0.006 | 22.5% | 1.24 | 1.01 |
| 140 | 9.9% | 140.97 | 128.25 | 24484.8% | 1.661 | 0.007 | 22.6% | 1.24 | 1.01 |
| 150 | 8.5% | 150.33 | 138.52 | 24773.3% | 1.774 | 0.007 | 22.6% | 1.24 | 1.01 |
| 160 | 7.7% | 159.50 | 148.08 | 25493.6% | 1.893 | 0.007 | 22.7% | 1.24 | 1.01 |
| 170 | 7.6% | 169.52 | 157.58 | 25239.0% | 1.986 | 0.008 | 22.5% | 1.24 | 1.01 |
| 180 | 8.0% | 180.28 | 166.93 | 25491.1% | 2.112 | 0.008 | 22.5% | 1.24 | 1.01 |
| 190 | 6.8% | 190.15 | 178.00 | 26066.9% | 2.242 | 0.009 | 22.7% | 1.24 | 1.01 |
| 200 | 7.0% | 200.99 | 187.89 | 26308.3% | 2.286 | 0.009 | 22.2% | 1.24 | 1.01 |

14000000, Ant 1

| | median | std |
|------|--------|-------|
| FWD: | 4.52% | 2.39% |
| REV: | 35.36% | 6.71% |
| SWR: | 4.49% | 0.69% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|------|----------|---------|
| 5 | 3.6% | 5.04 | 4.87 | 25.5% | 0.126 | 0.100 | 2.8% | 1.38 | 1.34 |
| 10 | -0.7% | 10.78 | 10.86 | 31.2% | 0.274 | 0.209 | 4.2% | 1.38 | 1.32 |
| 15 | -1.8% | 14.77 | 15.04 | 33.7% | 0.369 | 0.276 | 4.9% | 1.38 | 1.31 |
| 20 | 2.5% | 20.14 | 19.64 | 35.8% | 0.495 | 0.365 | 4.6% | 1.37 | 1.31 |
| 25 | 1.2% | 26.42 | 26.10 | 30.3% | 0.635 | 0.487 | 4.3% | 1.37 | 1.31 |
| 30 | 2.6% | 30.75 | 29.96 | 32.6% | 0.729 | 0.550 | 4.5% | 1.36 | 1.31 |
| 35 | 3.5% | 36.36 | 35.12 | 28.2% | 0.854 | 0.666 | 3.9% | 1.36 | 1.31 |
| 40 | 3.8% | 41.56 | 40.04 | 33.0% | 0.979 | 0.736 | 4.3% | 1.36 | 1.31 |
| 50 | 4.8% | 54.97 | 52.43 | 31.0% | 1.293 | 0.986 | 3.9% | 1.36 | 1.31 |
| 60 | 5.2% | 63.33 | 60.18 | 32.2% | 1.498 | 1.133 | 4.0% | 1.36 | 1.31 |
| 70 | 6.9% | 72.13 | 67.50 | 30.7% | 1.721 | 1.317 | 3.6% | 1.37 | 1.32 |
| 80 | 6.7% | 82.83 | 77.59 | 32.3% | 1.987 | 1.502 | 3.7% | 1.37 | 1.32 |
| 90 | 6.5% | 92.25 | 86.63 | 34.9% | 2.239 | 1.659 | 4.0% | 1.37 | 1.32 |
| 100 | 6.6% | 104.17 | 97.74 | 36.2% | 2.541 | 1.865 | 4.1% | 1.37 | 1.32 |
| 110 | 7.2% | 111.80 | 104.29 | 41.0% | 2.748 | 1.948 | 4.5% | 1.37 | 1.31 |
| 120 | 6.9% | 119.71 | 111.97 | 42.4% | 2.969 | 2.085 | 4.6% | 1.37 | 1.31 |
| 130 | 7.0% | 128.68 | 120.24 | 40.1% | 3.200 | 2.284 | 4.5% | 1.37 | 1.32 |
| 140 | 5.2% | 137.24 | 130.46 | 42.7% | 3.435 | 2.408 | 5.0% | 1.38 | 1.31 |
| 150 | 4.9% | 145.97 | 139.09 | 44.9% | 3.666 | 2.530 | 5.1% | 1.38 | 1.31 |
| 160 | 4.6% | 155.50 | 148.61 | 45.6% | 3.896 | 2.675 | 5.3% | 1.38 | 1.31 |
| 170 | 4.4% | 164.80 | 157.84 | 43.5% | 4.126 | 2.876 | 5.1% | 1.38 | 1.31 |
| 180 | 3.7% | 174.45 | 168.28 | 46.1% | 4.373 | 2.993 | 5.4% | 1.38 | 1.31 |
| 190 | 2.8% | 185.10 | 180.05 | 46.7% | 4.626 | 3.153 | 5.5% | 1.38 | 1.30 |
| 200 | 2.7% | 195.12 | 190.06 | 48.4% | 4.894 | 3.297 | 5.7% | 1.38 | 1.30 |

18068000, Ant 1

| | median | std |
|------|--------|-------|
| FWD: | 0.08% | 2.28% |
| REV: | 25.91% | 7.26% |
| SWR: | 5.10% | 0.84% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|------|----------|---------|
| 5 | -1.2% | 5.02 | 5.08 | 18.9% | 0.214 | 0.180 | 3.7% | 1.52 | 1.47 |
| 10 | -4.7% | 10.68 | 11.21 | 17.0% | 0.456 | 0.390 | 4.2% | 1.52 | 1.46 |
| 15 | -5.3% | 14.55 | 15.36 | 16.2% | 0.622 | 0.535 | 4.5% | 1.52 | 1.46 |
| 20 | -2.3% | 19.78 | 20.26 | 16.1% | 0.836 | 0.720 | 4.0% | 1.52 | 1.46 |
| 25 | -3.5% | 25.79 | 26.73 | 15.1% | 1.088 | 0.946 | 4.4% | 1.52 | 1.45 |
| 30 | -2.5% | 30.24 | 31.00 | 15.9% | 1.276 | 1.101 | 4.4% | 1.52 | 1.45 |
| 35 | -0.7% | 35.73 | 35.98 | 17.1% | 1.504 | 1.285 | 4.3% | 1.52 | 1.45 |
| 40 | -0.9% | 40.57 | 40.95 | 17.7% | 1.725 | 1.465 | 4.6% | 1.52 | 1.45 |
| 50 | -0.1% | 53.61 | 53.67 | 21.2% | 2.289 | 1.889 | 4.9% | 1.52 | 1.45 |
| 60 | 0.7% | 61.93 | 61.49 | 21.3% | 2.641 | 2.177 | 4.6% | 1.52 | 1.45 |
| 70 | 0.5% | 70.53 | 70.20 | 24.2% | 3.026 | 2.437 | 5.1% | 1.52 | 1.45 |
| 80 | 2.3% | 80.86 | 79.03 | 25.8% | 3.500 | 2.782 | 5.0% | 1.53 | 1.45 |
| 90 | 1.7% | 89.98 | 88.44 | 26.0% | 3.916 | 3.107 | 5.1% | 1.53 | 1.45 |
| 100 | 1.0% | 101.73 | 100.75 | 31.3% | 4.554 | 3.469 | 6.1% | 1.54 | 1.45 |
| 110 | 2.7% | 109.66 | 106.81 | 33.9% | 4.899 | 3.660 | 6.1% | 1.54 | 1.45 |
| 120 | 2.8% | 117.61 | 114.39 | 34.0% | 5.246 | 3.915 | 6.0% | 1.54 | 1.45 |
| 130 | 3.0% | 126.16 | 122.52 | 33.8% | 5.635 | 4.211 | 6.0% | 1.54 | 1.45 |
| 140 | 1.4% | 134.26 | 132.38 | 32.6% | 5.999 | 4.525 | 6.1% | 1.54 | 1.45 |
| 150 | 1.9% | 143.39 | 140.76 | 34.0% | 6.396 | 4.772 | 6.2% | 1.54 | 1.45 |
| 160 | 1.5% | 152.47 | 150.23 | 32.9% | 6.772 | 5.097 | 6.0% | 1.53 | 1.45 |
| 170 | 0.3% | 161.12 | 160.69 | 31.7% | 7.170 | 5.444 | 6.0% | 1.53 | 1.45 |
| 180 | -0.4% | 171.31 | 171.93 | 32.0% | 7.587 | 5.747 | 6.2% | 1.53 | 1.44 |
| 190 | -0.6% | 181.45 | 182.52 | 30.9% | 7.980 | 6.096 | 6.0% | 1.53 | 1.44 |
| 200 | -1.0% | 190.93 | 192.87 | 30.0% | 8.363 | 6.432 | 5.9% | 1.53 | 1.44 |

21000000, Ant 1

| | median | std |
|------|--------|-------|
| FWD: | -0.28% | 2.72% |
| REV: | 86.35% | 9.89% |
| SWR: | 13.59% | 0.77% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | -1.9% | 4.75 | 4.85 | 69.8% | 0.228 | 0.134 | 11.5% | 1.56 | 1.40 |
| 10 | -5.3% | 10.17 | 10.74 | 68.7% | 0.486 | 0.288 | 11.9% | 1.56 | 1.39 |
| 15 | -6.0% | 13.94 | 14.82 | 67.8% | 0.665 | 0.396 | 12.2% | 1.56 | 1.39 |
| 20 | -5.3% | 18.88 | 19.94 | 67.4% | 0.891 | 0.532 | 12.2% | 1.56 | 1.39 |
| 25 | -5.1% | 24.76 | 26.09 | 66.4% | 1.167 | 0.701 | 12.2% | 1.55 | 1.39 |
| 30 | -4.3% | 28.95 | 30.26 | 68.4% | 1.364 | 0.809 | 12.4% | 1.55 | 1.38 |
| 35 | -2.7% | 34.16 | 35.12 | 70.1% | 1.620 | 0.952 | 12.4% | 1.56 | 1.38 |
| 40 | -2.1% | 39.01 | 39.83 | 72.6% | 1.853 | 1.074 | 12.7% | 1.56 | 1.38 |
| 50 | -0.5% | 51.83 | 52.09 | 80.5% | 2.521 | 1.397 | 13.3% | 1.57 | 1.38 |
| 60 | -0.0% | 59.72 | 59.75 | 82.7% | 2.913 | 1.594 | 13.4% | 1.57 | 1.38 |
| 70 | 0.6% | 68.34 | 67.92 | 83.4% | 3.338 | 1.820 | 13.3% | 1.57 | 1.38 |
| 80 | 0.7% | 78.23 | 77.67 | 85.8% | 3.861 | 2.078 | 13.6% | 1.57 | 1.38 |
| 90 | 3.1% | 87.36 | 84.72 | 91.0% | 4.339 | 2.272 | 13.6% | 1.57 | 1.38 |
| 100 | 0.8% | 98.91 | 98.11 | 89.6% | 4.915 | 2.592 | 13.9% | 1.57 | 1.38 |
| 110 | 2.0% | 105.87 | 103.82 | 92.7% | 5.273 | 2.736 | 14.0% | 1.57 | 1.38 |
| 120 | 2.0% | 113.42 | 111.18 | 92.7% | 5.668 | 2.941 | 13.9% | 1.58 | 1.38 |
| 130 | 2.2% | 121.69 | 119.03 | 90.6% | 6.065 | 3.181 | 13.7% | 1.57 | 1.39 |
| 140 | 1.9% | 129.83 | 127.37 | 90.2% | 6.463 | 3.398 | 13.6% | 1.57 | 1.39 |
| 150 | 1.4% | 138.57 | 136.64 | 89.4% | 6.881 | 3.632 | 13.6% | 1.57 | 1.38 |
| 160 | 0.9% | 147.24 | 145.90 | 92.0% | 7.327 | 3.815 | 13.9% | 1.57 | 1.38 |
| 170 | 0.1% | 156.21 | 156.10 | 89.7% | 7.715 | 4.066 | 13.8% | 1.57 | 1.38 |
| 180 | -0.9% | 165.51 | 166.95 | 88.4% | 8.163 | 4.333 | 13.7% | 1.57 | 1.38 |
| 190 | -0.8% | 174.23 | 175.69 | 88.4% | 8.588 | 4.559 | 13.8% | 1.57 | 1.38 |
| 200 | -1.7% | 183.82 | 187.06 | 86.9% | 9.049 | 4.842 | 13.7% | 1.57 | 1.38 |

24890000, Ant 1

| | median | std |
|------|----------|---------|
| FWD: | -0.08% | 2.65% |
| REV: | 1444.10% | 121.45% |
| SWR: | 33.30% | 0.84% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|---------|----------|---------|-------|----------|---------|
| 5 | -2.2% | 4.59 | 4.70 | 1182.0% | 0.163 | 0.013 | 32.0% | 1.46 | 1.11 |
| 10 | -5.3% | 9.79 | 10.34 | 1133.3% | 0.351 | 0.028 | 32.0% | 1.47 | 1.11 |
| 15 | -7.1% | 13.31 | 14.32 | 1169.5% | 0.475 | 0.037 | 32.4% | 1.47 | 1.11 |
| 20 | -5.6% | 18.15 | 19.23 | 1221.6% | 0.632 | 0.048 | 32.1% | 1.46 | 1.10 |
| 25 | -4.9% | 23.76 | 24.98 | 1264.1% | 0.823 | 0.060 | 32.2% | 1.46 | 1.10 |
| 30 | -4.4% | 27.69 | 28.97 | 1304.2% | 0.958 | 0.068 | 32.4% | 1.46 | 1.10 |
| 35 | -2.6% | 32.74 | 33.62 | 1315.8% | 1.129 | 0.080 | 32.4% | 1.46 | 1.10 |
| 40 | -2.2% | 37.29 | 38.14 | 1341.7% | 1.292 | 0.090 | 32.6% | 1.46 | 1.10 |
| 50 | -0.7% | 49.32 | 49.67 | 1380.7% | 1.711 | 0.116 | 32.6% | 1.46 | 1.10 |
| 60 | 0.2% | 57.01 | 56.91 | 1392.8% | 1.991 | 0.133 | 32.7% | 1.46 | 1.10 |
| 70 | -0.1% | 65.11 | 65.15 | 1409.5% | 2.291 | 0.152 | 33.0% | 1.46 | 1.10 |
| 80 | 1.0% | 74.81 | 74.08 | 1444.8% | 2.653 | 0.172 | 33.2% | 1.46 | 1.10 |
| 90 | 0.1% | 83.47 | 83.39 | 1443.4% | 2.995 | 0.194 | 33.4% | 1.47 | 1.10 |
| 100 | 1.0% | 94.51 | 93.57 | 1477.2% | 3.420 | 0.217 | 33.7% | 1.47 | 1.10 |
| 110 | 2.6% | 101.41 | 98.88 | 1486.3% | 3.702 | 0.233 | 33.8% | 1.47 | 1.10 |
| 120 | 2.6% | 109.34 | 106.57 | 1495.0% | 4.016 | 0.252 | 33.9% | 1.47 | 1.10 |
| 130 | 1.0% | 116.59 | 115.40 | 1519.0% | 4.329 | 0.267 | 34.3% | 1.48 | 1.10 |
| 140 | 0.7% | 124.73 | 123.85 | 1522.9% | 4.631 | 0.285 | 34.3% | 1.48 | 1.10 |
| 150 | 0.2% | 132.91 | 132.64 | 1510.8% | 4.910 | 0.305 | 34.2% | 1.48 | 1.10 |
| 160 | -0.1% | 141.58 | 141.70 | 1503.5% | 5.231 | 0.326 | 34.2% | 1.48 | 1.10 |
| 170 | 0.7% | 150.47 | 149.40 | 1467.4% | 5.542 | 0.354 | 33.9% | 1.47 | 1.10 |
| 180 | 0.7% | 160.16 | 159.08 | 1454.5% | 5.843 | 0.376 | 33.7% | 1.47 | 1.10 |
| 190 | -1.2% | 168.07 | 170.06 | 1483.9% | 6.176 | 0.390 | 34.0% | 1.47 | 1.10 |
| 200 | -1.4% | 176.79 | 179.24 | 1474.5% | 6.524 | 0.414 | 34.1% | 1.48 | 1.10 |

28000000, Ant 1

| | median | std |
|------|----------|---------|
| FWD: | -0.14% | 2.74% |
| REV: | 4001.89% | 574.00% |
| SWR: | 22.11% | 0.71% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|---------|----------|---------|-------|----------|---------|
| 5 | -2.9% | 4.85 | 4.99 | 3202.5% | 0.064 | 0.002 | 21.1% | 1.26 | 1.04 |
| 10 | -6.3% | 10.08 | 10.76 | 3236.6% | 0.143 | 0.004 | 22.0% | 1.27 | 1.04 |
| 15 | -7.0% | 13.74 | 14.77 | 3284.8% | 0.197 | 0.006 | 22.3% | 1.27 | 1.04 |
| 20 | -5.9% | 18.62 | 19.78 | 3414.3% | 0.256 | 0.007 | 21.8% | 1.27 | 1.04 |
| 25 | -3.7% | 24.31 | 25.24 | 3387.3% | 0.326 | 0.009 | 21.5% | 1.26 | 1.04 |
| 30 | -4.8% | 28.26 | 29.69 | 3303.2% | 0.374 | 0.011 | 21.3% | 1.26 | 1.04 |
| 35 | -3.1% | 33.42 | 34.47 | 3311.3% | 0.435 | 0.013 | 21.1% | 1.26 | 1.04 |
| 40 | -2.8% | 38.02 | 39.10 | 3381.8% | 0.488 | 0.014 | 21.0% | 1.26 | 1.04 |
| 50 | -1.0% | 50.37 | 50.89 | 3755.1% | 0.673 | 0.017 | 21.6% | 1.26 | 1.04 |
| 60 | -0.1% | 58.24 | 58.31 | 3785.5% | 0.774 | 0.020 | 21.6% | 1.26 | 1.04 |
| 70 | 0.4% | 66.42 | 66.17 | 3922.6% | 0.885 | 0.022 | 21.7% | 1.26 | 1.04 |
| 80 | 0.0% | 76.04 | 76.00 | 3976.3% | 1.019 | 0.025 | 21.8% | 1.26 | 1.04 |
| 90 | 1.3% | 85.54 | 84.48 | 4027.5% | 1.159 | 0.028 | 21.9% | 1.26 | 1.04 |
| 100 | 0.6% | 96.51 | 95.93 | 4176.5% | 1.328 | 0.031 | 22.2% | 1.27 | 1.04 |
| 110 | 2.8% | 104.18 | 101.32 | 4304.1% | 1.451 | 0.033 | 22.3% | 1.27 | 1.04 |
| 120 | 2.5% | 112.06 | 109.35 | 4389.6% | 1.579 | 0.035 | 22.5% | 1.27 | 1.04 |
| 130 | 1.4% | 119.92 | 118.26 | 4457.5% | 1.703 | 0.037 | 22.7% | 1.27 | 1.04 |
| 140 | 0.5% | 127.69 | 127.00 | 4554.0% | 1.824 | 0.039 | 22.8% | 1.27 | 1.04 |
| 150 | 0.4% | 136.33 | 135.79 | 4582.5% | 1.947 | 0.042 | 22.8% | 1.27 | 1.04 |
| 160 | 0.2% | 145.00 | 144.74 | 4570.3% | 2.082 | 0.045 | 22.9% | 1.27 | 1.04 |
| 170 | 0.2% | 153.19 | 152.86 | 4648.7% | 2.213 | 0.047 | 23.0% | 1.27 | 1.04 |
| 180 | -0.2% | 162.70 | 162.96 | 4698.7% | 2.366 | 0.049 | 23.1% | 1.27 | 1.04 |
| 190 | -1.3% | 171.68 | 174.01 | 4785.9% | 2.493 | 0.051 | 23.1% | 1.27 | 1.03 |
| 200 | -2.1% | 181.09 | 184.91 | 4831.4% | 2.649 | 0.054 | 23.3% | 1.28 | 1.03 |

50000000, Ant 1

| | median | std |
|------|---------|-------|
| FWD: | -23.52% | 1.96% |
| REV: | 48.45% | 2.30% |
| SWR: | 44.00% | 4.53% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | -23.9% | 3.65 | 4.80 | 41.3% | 1.050 | 0.743 | 41.9% | 3.31 | 2.33 |
| 10 | -27.5% | 7.74 | 10.67 | 48.1% | 2.436 | 1.645 | 50.7% | 3.56 | 2.36 |
| 15 | -28.3% | 10.55 | 14.71 | 50.9% | 3.391 | 2.247 | 54.7% | 3.62 | 2.34 |
| 20 | -26.9% | 14.21 | 19.44 | 53.1% | 4.524 | 2.955 | 55.2% | 3.59 | 2.31 |
| 25 | -27.8% | 18.53 | 25.68 | 52.6% | 5.848 | 3.833 | 55.3% | 3.56 | 2.29 |
| 30 | -27.7% | 21.54 | 29.82 | 50.1% | 6.661 | 4.439 | 53.3% | 3.51 | 2.29 |
| 35 | -26.7% | 25.51 | 34.83 | 51.0% | 7.811 | 5.174 | 52.6% | 3.48 | 2.28 |
| 40 | -26.1% | 29.14 | 39.42 | 51.6% | 8.775 | 5.788 | 51.7% | 3.43 | 2.26 |
| 50 | -24.4% | 38.61 | 51.05 | 49.6% | 11.287 | 7.543 | 48.2% | 3.35 | 2.26 |
| 60 | -23.6% | 44.75 | 58.56 | 49.9% | 12.906 | 8.612 | 46.7% | 3.32 | 2.26 |
| 70 | -24.1% | 50.96 | 67.11 | 48.6% | 14.613 | 9.831 | 46.0% | 3.31 | 2.26 |
| 80 | -23.6% | 58.85 | 76.99 | 49.2% | 16.779 | 11.247 | 45.3% | 3.29 | 2.27 |
| 90 | -23.5% | 65.97 | 86.21 | 47.0% | 18.763 | 12.766 | 43.8% | 3.29 | 2.28 |
| 100 | -22.8% | 74.68 | 96.77 | 48.6% | 21.270 | 14.313 | 43.8% | 3.29 | 2.29 |
| 110 | -22.9% | 74.64 | 96.83 | 48.8% | 21.368 | 14.360 | 44.2% | 3.30 | 2.29 |
| 120 | -22.6% | 74.96 | 96.81 | 48.3% | 21.293 | 14.358 | 43.3% | 3.28 | 2.29 |
| 130 | -23.0% | 74.52 | 96.77 | 48.0% | 21.213 | 14.331 | 43.7% | 3.29 | 2.29 |
| 140 | -23.0% | 74.49 | 96.79 | 47.9% | 21.198 | 14.329 | 43.7% | 3.29 | 2.29 |
| 150 | -22.9% | 74.61 | 96.81 | 47.6% | 21.203 | 14.360 | 43.4% | 3.28 | 2.29 |
| 160 | -23.2% | 74.39 | 96.80 | 47.8% | 21.186 | 14.333 | 43.7% | 3.29 | 2.29 |
| 170 | -23.0% | 74.56 | 96.80 | 47.7% | 21.178 | 14.336 | 43.4% | 3.28 | 2.29 |
| 180 | -23.3% | 74.28 | 96.79 | 47.8% | 21.158 | 14.315 | 43.8% | 3.29 | 2.29 |
| 190 | -22.9% | 74.62 | 96.79 | 47.8% | 21.165 | 14.319 | 43.4% | 3.28 | 2.29 |
| 200 | -22.9% | 74.59 | 96.76 | 47.7% | 21.139 | 14.313 | 43.3% | 3.28 | 2.29 |

01800000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 24.19% | 3.30% |
| REV: | 98.61% | 8.35% |
| SWR: | 39.30% | 4.72% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|--------|----------|---------|-------|----------|---------|
| 5 | 21.8% | 5.25 | 4.31 | 97.1% | 1.718 | 0.872 | 39.1% | 3.67 | 2.64 |
| 10 | 16.4% | 11.43 | 9.82 | 104.8% | 4.044 | 1.974 | 49.3% | 3.94 | 2.64 |
| 15 | 16.4% | 15.83 | 13.60 | 107.5% | 5.620 | 2.708 | 51.9% | 3.95 | 2.60 |
| 20 | 32.8% | 21.71 | 16.35 | 137.1% | 7.540 | 3.180 | 51.9% | 3.87 | 2.55 |
| 25 | 18.1% | 28.69 | 24.30 | 107.6% | 9.697 | 4.671 | 50.1% | 3.78 | 2.52 |
| 30 | 19.3% | 33.64 | 28.21 | 106.8% | 11.158 | 5.396 | 48.5% | 3.72 | 2.50 |
| 35 | 21.7% | 40.12 | 32.98 | 105.3% | 13.042 | 6.353 | 45.9% | 3.65 | 2.50 |
| 40 | 22.4% | 45.81 | 37.43 | 104.0% | 14.703 | 7.208 | 44.6% | 3.61 | 2.50 |
| 50 | 24.4% | 61.10 | 49.10 | 101.3% | 19.194 | 9.533 | 40.9% | 3.55 | 2.52 |
| 60 | 24.0% | 70.46 | 56.83 | 99.3% | 22.073 | 11.077 | 40.1% | 3.54 | 2.53 |
| 70 | 24.1% | 79.03 | 63.67 | 98.9% | 24.776 | 12.457 | 39.5% | 3.54 | 2.54 |
| 80 | 24.2% | 79.71 | 64.19 | 97.8% | 24.922 | 12.599 | 39.2% | 3.54 | 2.54 |
| 90 | 24.2% | 80.47 | 64.80 | 98.3% | 25.207 | 12.713 | 39.3% | 3.54 | 2.54 |
| 100 | 24.3% | 81.39 | 65.48 | 99.2% | 25.478 | 12.789 | 39.5% | 3.54 | 2.54 |
| 110 | 24.4% | 82.97 | 66.67 | 98.5% | 26.029 | 13.110 | 39.2% | 3.55 | 2.55 |
| 120 | 24.5% | 84.34 | 67.77 | 98.7% | 26.468 | 13.322 | 39.3% | 3.55 | 2.55 |
| 130 | 24.5% | 85.54 | 68.69 | 98.2% | 26.843 | 13.544 | 39.1% | 3.55 | 2.55 |
| 140 | 24.3% | 86.13 | 69.32 | 97.3% | 27.052 | 13.710 | 39.0% | 3.55 | 2.55 |
| 150 | 24.2% | 87.02 | 70.08 | 97.0% | 27.288 | 13.854 | 38.7% | 3.55 | 2.56 |
| 160 | 24.5% | 87.65 | 70.42 | 97.7% | 27.490 | 13.902 | 38.9% | 3.55 | 2.55 |
| 170 | 24.5% | 88.15 | 70.78 | 98.0% | 27.626 | 13.956 | 38.8% | 3.54 | 2.55 |
| 180 | 24.3% | 88.52 | 71.20 | 97.5% | 27.766 | 14.060 | 38.9% | 3.55 | 2.55 |
| 190 | 24.1% | 88.80 | 71.55 | 97.3% | 27.877 | 14.126 | 38.9% | 3.55 | 2.55 |
| 200 | 24.3% | 89.27 | 71.84 | 97.5% | 27.991 | 14.176 | 38.7% | 3.54 | 2.56 |

03500000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 14.41% | 2.84% |
| REV: | 58.77% | 5.03% |
| SWR: | 28.62% | 5.96% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 12.1% | 5.03 | 4.49 | 58.8% | 1.678 | 1.057 | 28.5% | 3.73 | 2.91 |
| 10 | 8.4% | 10.86 | 10.02 | 69.6% | 3.909 | 2.305 | 40.8% | 4.00 | 2.84 |
| 15 | 6.9% | 14.95 | 13.98 | 73.1% | 5.414 | 3.128 | 45.2% | 4.02 | 2.77 |
| 20 | 6.7% | 20.41 | 19.13 | 69.0% | 7.251 | 4.290 | 43.7% | 3.95 | 2.75 |
| 25 | 8.8% | 26.84 | 24.66 | 69.4% | 9.259 | 5.465 | 41.7% | 3.85 | 2.71 |
| 30 | 11.1% | 31.39 | 28.25 | 68.9% | 10.653 | 6.308 | 39.6% | 3.79 | 2.72 |
| 35 | 10.8% | 37.16 | 33.53 | 65.3% | 12.393 | 7.499 | 37.2% | 3.73 | 2.72 |
| 40 | 12.4% | 42.47 | 37.78 | 63.9% | 13.976 | 8.528 | 34.8% | 3.69 | 2.74 |
| 50 | 14.1% | 56.49 | 49.49 | 62.2% | 18.182 | 11.212 | 31.6% | 3.62 | 2.75 |
| 60 | 14.7% | 65.30 | 56.93 | 59.9% | 20.900 | 13.068 | 29.6% | 3.61 | 2.78 |
| 70 | 15.0% | 74.64 | 64.92 | 59.1% | 23.856 | 14.992 | 28.7% | 3.60 | 2.80 |
| 80 | 15.5% | 77.66 | 67.27 | 60.3% | 24.850 | 15.498 | 28.9% | 3.60 | 2.80 |
| 90 | 15.1% | 78.23 | 67.94 | 57.6% | 25.032 | 15.888 | 27.7% | 3.60 | 2.82 |
| 100 | 14.5% | 78.88 | 68.89 | 58.5% | 25.260 | 15.940 | 28.7% | 3.61 | 2.80 |
| 110 | 14.1% | 80.84 | 70.84 | 58.0% | 25.846 | 16.363 | 28.6% | 3.60 | 2.80 |
| 120 | 15.9% | 82.28 | 71.01 | 58.7% | 26.337 | 16.591 | 27.8% | 3.61 | 2.82 |
| 130 | 15.1% | 83.30 | 72.37 | 58.4% | 26.712 | 16.868 | 28.0% | 3.61 | 2.82 |
| 140 | 15.2% | 83.80 | 72.73 | 58.0% | 26.890 | 17.022 | 27.9% | 3.61 | 2.83 |
| 150 | 15.1% | 84.67 | 73.56 | 57.6% | 27.144 | 17.221 | 27.7% | 3.61 | 2.83 |
| 160 | 14.9% | 85.20 | 74.13 | 57.5% | 27.343 | 17.364 | 27.8% | 3.61 | 2.83 |
| 170 | 15.4% | 85.77 | 74.31 | 57.9% | 27.485 | 17.407 | 27.6% | 3.61 | 2.83 |
| 180 | 14.9% | 86.17 | 75.00 | 57.6% | 27.585 | 17.501 | 27.8% | 3.61 | 2.82 |
| 190 | 14.3% | 86.44 | 75.61 | 57.1% | 27.725 | 17.643 | 27.9% | 3.61 | 2.82 |
| 200 | 14.1% | 86.75 | 76.01 | 56.5% | 27.823 | 17.780 | 27.8% | 3.61 | 2.83 |

07000000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 0.26% | 2.41% |
| REV: | 9.75% | 4.75% |
| SWR: | 10.28% | 6.82% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | -2.2% | 5.02 | 5.13 | 12.0% | 1.799 | 1.606 | 11.3% | 3.98 | 3.58 |
| 10 | -5.4% | 10.77 | 11.39 | 22.1% | 4.153 | 3.402 | 25.9% | 4.28 | 3.40 |
| 15 | -5.9% | 14.75 | 15.68 | 22.7% | 5.701 | 4.645 | 28.6% | 4.29 | 3.33 |
| 20 | -4.6% | 20.14 | 21.11 | 22.8% | 7.612 | 6.201 | 27.6% | 4.19 | 3.29 |
| 25 | -4.7% | 26.39 | 27.70 | 18.1% | 9.717 | 8.224 | 24.4% | 4.09 | 3.29 |
| 30 | -3.7% | 30.69 | 31.87 | 16.1% | 11.124 | 9.582 | 22.0% | 4.03 | 3.30 |
| 35 | -1.7% | 36.42 | 37.05 | 17.2% | 12.958 | 11.060 | 20.2% | 3.96 | 3.29 |
| 40 | -1.9% | 41.44 | 42.23 | 14.2% | 14.614 | 12.800 | 17.5% | 3.92 | 3.34 |
| 50 | -0.6% | 55.03 | 55.36 | 11.2% | 18.949 | 17.038 | 13.0% | 3.84 | 3.40 |
| 60 | 0.1% | 63.47 | 63.42 | 9.5% | 21.752 | 19.871 | 10.7% | 3.82 | 3.45 |
| 70 | 0.2% | 72.52 | 72.40 | 9.7% | 24.878 | 22.685 | 10.6% | 3.83 | 3.46 |
| 80 | 1.6% | 77.54 | 76.32 | 11.1% | 26.596 | 23.944 | 10.4% | 3.83 | 3.47 |
| 90 | 1.1% | 78.36 | 77.51 | 9.6% | 26.854 | 24.504 | 9.5% | 3.82 | 3.49 |
| 100 | 1.2% | 78.82 | 77.87 | 9.1% | 27.018 | 24.761 | 9.0% | 3.82 | 3.51 |
| 110 | 1.9% | 80.78 | 79.27 | 10.0% | 27.689 | 25.165 | 9.0% | 3.82 | 3.51 |
| 120 | 1.3% | 82.03 | 80.97 | 9.1% | 28.113 | 25.763 | 8.8% | 3.82 | 3.51 |
| 130 | 0.2% | 82.90 | 82.76 | 9.7% | 28.417 | 25.908 | 10.2% | 3.82 | 3.47 |
| 140 | 0.5% | 83.62 | 83.21 | 8.9% | 28.689 | 26.356 | 9.2% | 3.83 | 3.50 |
| 150 | 1.3% | 84.37 | 83.33 | 9.4% | 28.981 | 26.490 | 9.1% | 3.83 | 3.51 |
| 160 | 0.3% | 85.00 | 84.71 | 9.1% | 29.184 | 26.759 | 9.5% | 3.83 | 3.50 |
| 170 | 0.6% | 85.56 | 85.02 | 8.8% | 29.362 | 26.995 | 9.1% | 3.83 | 3.51 |
| 180 | 0.5% | 85.68 | 85.29 | 8.5% | 29.433 | 27.126 | 8.9% | 3.83 | 3.52 |
| 190 | 0.9% | 86.09 | 85.29 | 9.2% | 29.584 | 27.085 | 9.2% | 3.83 | 3.51 |
| 200 | 0.6% | 86.50 | 85.97 | 9.8% | 29.744 | 27.084 | 10.0% | 3.84 | 3.49 |

10100000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | -0.14% | 2.32% |
| REV: | 2.32% | 3.46% |
| SWR: | 4.71% | 5.54% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | -3.9% | 5.31 | 5.52 | 4.2% | 1.952 | 1.872 | 6.3% | 4.08 | 3.84 |
| 10 | -5.9% | 11.30 | 12.01 | 11.2% | 4.430 | 3.983 | 17.5% | 4.35 | 3.70 |
| 15 | -6.4% | 15.44 | 16.51 | 11.7% | 6.046 | 5.414 | 19.8% | 4.34 | 3.63 |
| 20 | -5.5% | 21.12 | 22.34 | 12.0% | 8.081 | 7.218 | 20.3% | 4.24 | 3.53 |
| 25 | -5.1% | 27.69 | 29.17 | 8.9% | 10.295 | 9.458 | 17.2% | 4.13 | 3.52 |
| 30 | -2.9% | 32.22 | 33.17 | 6.9% | 11.801 | 11.039 | 13.6% | 4.07 | 3.58 |
| 35 | -2.4% | 38.16 | 39.08 | 5.1% | 13.705 | 13.039 | 11.1% | 3.99 | 3.59 |
| 40 | -1.9% | 43.55 | 44.41 | 4.6% | 15.470 | 14.790 | 9.9% | 3.95 | 3.59 |
| 50 | -0.7% | 57.40 | 57.82 | 2.4% | 20.073 | 19.595 | 6.0% | 3.89 | 3.67 |
| 60 | -0.5% | 64.31 | 64.67 | 2.1% | 22.426 | 21.957 | 5.4% | 3.88 | 3.68 |
| 70 | 0.0% | 65.11 | 65.08 | 1.9% | 22.682 | 22.270 | 4.6% | 3.88 | 3.71 |
| 80 | 0.5% | 65.60 | 65.27 | 2.3% | 22.889 | 22.368 | 4.6% | 3.89 | 3.72 |
| 90 | -0.1% | 66.21 | 66.29 | 2.3% | 23.089 | 22.560 | 5.3% | 3.88 | 3.69 |
| 100 | -0.2% | 66.58 | 66.68 | 2.0% | 23.248 | 22.802 | 4.8% | 3.89 | 3.71 |
| 110 | 0.1% | 68.31 | 68.25 | 1.8% | 23.833 | 23.409 | 4.5% | 3.89 | 3.72 |
| 120 | -0.0% | 69.30 | 69.34 | 1.8% | 24.211 | 23.784 | 4.5% | 3.89 | 3.72 |
| 130 | 0.7% | 70.16 | 69.68 | 2.0% | 24.453 | 23.977 | 3.9% | 3.88 | 3.74 |
| 140 | -0.1% | 70.77 | 70.83 | 1.5% | 24.700 | 24.324 | 4.2% | 3.89 | 3.73 |
| 150 | 0.1% | 71.41 | 71.32 | 2.0% | 24.924 | 24.432 | 4.5% | 3.89 | 3.72 |
| 160 | 0.7% | 71.97 | 71.45 | 2.4% | 25.087 | 24.509 | 4.2% | 3.88 | 3.73 |
| 170 | 1.0% | 72.39 | 71.67 | 1.5% | 25.251 | 24.874 | 3.4% | 3.89 | 3.76 |
| 180 | -0.1% | 72.61 | 72.69 | 1.4% | 25.335 | 24.975 | 4.2% | 3.89 | 3.73 |
| 190 | -0.2% | 72.90 | 73.04 | 1.9% | 25.445 | 24.981 | 4.4% | 3.89 | 3.72 |
| 200 | 0.3% | 73.25 | 73.05 | 2.3% | 25.570 | 24.991 | 4.6% | 3.89 | 3.72 |

14000000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 7.59% | 1.99% |
| REV: | 20.04% | 3.64% |
| SWR: | 11.57% | 3.85% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 6.0% | 5.05 | 4.76 | 18.4% | 1.627 | 1.373 | 8.6% | 3.63 | 3.34 |
| 10 | 2.6% | 10.81 | 10.54 | 26.7% | 3.769 | 2.974 | 18.4% | 3.88 | 3.28 |
| 15 | 1.2% | 14.89 | 14.72 | 28.6% | 5.207 | 4.051 | 22.4% | 3.89 | 3.18 |
| 20 | 5.8% | 20.38 | 19.27 | 31.9% | 6.985 | 5.295 | 21.3% | 3.82 | 3.15 |
| 25 | 4.0% | 26.74 | 25.71 | 26.9% | 8.903 | 7.015 | 19.8% | 3.73 | 3.11 |
| 30 | 4.8% | 31.13 | 29.71 | 24.4% | 10.210 | 8.205 | 17.8% | 3.68 | 3.12 |
| 35 | 5.0% | 36.83 | 35.06 | 23.8% | 11.866 | 9.581 | 17.5% | 3.63 | 3.09 |
| 40 | 7.2% | 42.08 | 39.25 | 22.4% | 13.386 | 10.939 | 14.6% | 3.59 | 3.13 |
| 50 | 6.8% | 51.27 | 48.00 | 20.0% | 16.004 | 13.342 | 12.6% | 3.53 | 3.14 |
| 60 | 7.0% | 52.24 | 48.84 | 20.1% | 16.314 | 13.581 | 12.5% | 3.53 | 3.14 |
| 70 | 7.7% | 52.89 | 49.12 | 20.5% | 16.492 | 13.681 | 12.5% | 3.53 | 3.14 |
| 80 | 8.3% | 53.43 | 49.32 | 20.2% | 16.692 | 13.883 | 11.6% | 3.53 | 3.17 |
| 90 | 7.5% | 53.81 | 50.06 | 20.4% | 16.785 | 13.944 | 12.4% | 3.53 | 3.14 |
| 100 | 7.9% | 54.29 | 50.32 | 19.5% | 16.921 | 14.160 | 11.5% | 3.53 | 3.16 |
| 110 | 8.5% | 55.58 | 51.24 | 19.9% | 17.309 | 14.431 | 11.2% | 3.53 | 3.17 |
| 120 | 7.7% | 56.45 | 52.40 | 19.5% | 17.567 | 14.699 | 11.5% | 3.52 | 3.16 |
| 130 | 8.6% | 57.25 | 52.72 | 20.3% | 17.845 | 14.837 | 11.3% | 3.53 | 3.17 |
| 140 | 8.1% | 57.97 | 53.63 | 19.4% | 17.996 | 15.077 | 11.0% | 3.52 | 3.17 |
| 150 | 8.4% | 58.34 | 53.84 | 19.4% | 18.127 | 15.187 | 10.9% | 3.52 | 3.17 |
| 160 | 8.4% | 58.78 | 54.21 | 19.8% | 18.253 | 15.239 | 11.3% | 3.52 | 3.16 |
| 170 | 7.4% | 59.10 | 55.04 | 18.4% | 18.364 | 15.505 | 10.9% | 3.52 | 3.17 |
| 180 | 7.8% | 59.38 | 55.06 | 18.1% | 18.389 | 15.566 | 10.4% | 3.51 | 3.18 |
| 190 | 8.4% | 59.74 | 55.09 | 19.0% | 18.528 | 15.571 | 10.5% | 3.51 | 3.18 |
| 200 | 8.5% | 59.84 | 55.15 | 19.1% | 18.546 | 15.572 | 10.5% | 3.51 | 3.18 |

18068000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 15.42% | 2.77% |
| REV: | 38.60% | 3.28% |
| SWR: | 13.18% | 2.98% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 12.0% | 4.86 | 4.34 | 32.6% | 1.172 | 0.884 | 10.6% | 2.93 | 2.65 |
| 10 | 9.0% | 10.35 | 9.50 | 39.0% | 2.717 | 1.954 | 15.7% | 3.10 | 2.68 |
| 15 | 9.0% | 14.21 | 13.04 | 44.5% | 3.792 | 2.625 | 19.6% | 3.14 | 2.62 |
| 20 | 9.2% | 19.30 | 17.67 | 45.9% | 5.098 | 3.495 | 20.8% | 3.12 | 2.58 |
| 25 | 9.7% | 25.31 | 23.08 | 44.7% | 6.542 | 4.520 | 20.3% | 3.07 | 2.55 |
| 30 | 10.3% | 29.52 | 26.76 | 45.3% | 7.509 | 5.169 | 20.2% | 3.03 | 2.52 |
| 35 | 12.5% | 34.95 | 31.06 | 44.4% | 8.711 | 6.032 | 18.7% | 2.99 | 2.52 |
| 40 | 13.2% | 39.92 | 35.25 | 42.7% | 9.818 | 6.881 | 17.6% | 2.97 | 2.52 |
| 50 | 15.0% | 52.79 | 45.91 | 40.6% | 12.613 | 8.969 | 15.4% | 2.91 | 2.52 |
| 60 | 15.9% | 60.96 | 52.59 | 40.5% | 14.395 | 10.247 | 14.6% | 2.89 | 2.52 |
| 70 | 15.3% | 69.42 | 60.23 | 39.7% | 16.346 | 11.701 | 14.3% | 2.89 | 2.52 |
| 80 | 17.2% | 73.86 | 63.04 | 40.5% | 17.336 | 12.341 | 13.6% | 2.88 | 2.54 |
| 90 | 15.4% | 74.29 | 64.39 | 37.3% | 17.456 | 12.713 | 13.1% | 2.88 | 2.55 |
| 100 | 16.4% | 75.14 | 64.53 | 38.1% | 17.649 | 12.778 | 12.9% | 2.88 | 2.55 |
| 110 | 16.9% | 76.76 | 65.67 | 38.9% | 18.055 | 13.003 | 13.0% | 2.88 | 2.55 |
| 120 | 16.2% | 78.04 | 67.15 | 38.3% | 18.395 | 13.297 | 13.1% | 2.89 | 2.55 |
| 130 | 15.6% | 78.80 | 68.15 | 38.2% | 18.536 | 13.413 | 13.3% | 2.88 | 2.55 |
| 140 | 16.1% | 80.04 | 68.97 | 37.6% | 18.767 | 13.635 | 12.8% | 2.88 | 2.55 |
| 150 | 16.2% | 80.32 | 69.10 | 37.7% | 18.847 | 13.691 | 12.7% | 2.88 | 2.56 |
| 160 | 15.5% | 80.94 | 70.09 | 37.0% | 19.042 | 13.902 | 12.8% | 2.88 | 2.56 |
| 170 | 14.9% | 81.05 | 70.53 | 37.0% | 19.110 | 13.953 | 13.1% | 2.89 | 2.55 |
| 180 | 15.8% | 81.76 | 70.58 | 37.8% | 19.228 | 13.957 | 12.9% | 2.88 | 2.55 |
| 190 | 16.3% | 82.09 | 70.61 | 38.1% | 19.291 | 13.972 | 12.9% | 2.88 | 2.55 |
| 200 | 16.2% | 82.29 | 70.82 | 38.1% | 19.392 | 14.042 | 12.9% | 2.89 | 2.56 |

21000000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 13.22% | 2.87% |
| REV: | 15.77% | 3.84% |
| SWR: | 2.72% | 3.22% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 9.6% | 5.06 | 4.61 | 13.0% | 1.062 | 0.940 | 1.6% | 2.69 | 2.65 |
| 10 | 6.3% | 10.72 | 10.08 | 17.6% | 2.445 | 2.079 | 5.5% | 2.83 | 2.68 |
| 15 | 5.8% | 14.65 | 13.84 | 22.3% | 3.411 | 2.789 | 9.2% | 2.86 | 2.62 |
| 20 | 7.4% | 19.97 | 18.60 | 24.6% | 4.617 | 3.705 | 10.1% | 2.85 | 2.59 |
| 25 | 7.0% | 26.10 | 24.40 | 23.3% | 5.908 | 4.793 | 10.2% | 2.82 | 2.55 |
| 30 | 8.1% | 30.43 | 28.16 | 23.5% | 6.788 | 5.495 | 10.0% | 2.79 | 2.54 |
| 35 | 9.6% | 36.13 | 32.97 | 23.3% | 7.904 | 6.412 | 9.3% | 2.76 | 2.52 |
| 40 | 11.5% | 41.14 | 36.89 | 22.8% | 8.854 | 7.210 | 8.3% | 2.73 | 2.52 |
| 50 | 13.4% | 54.27 | 47.86 | 21.3% | 11.378 | 9.383 | 6.4% | 2.69 | 2.53 |
| 60 | 12.6% | 62.77 | 55.72 | 19.2% | 12.984 | 10.893 | 5.6% | 2.67 | 2.53 |
| 70 | 13.8% | 71.31 | 62.67 | 18.0% | 14.670 | 12.435 | 4.2% | 2.66 | 2.55 |
| 80 | 14.2% | 82.04 | 71.83 | 15.7% | 16.768 | 14.497 | 2.7% | 2.65 | 2.58 |
| 90 | 13.8% | 91.48 | 80.37 | 15.9% | 18.779 | 16.206 | 2.8% | 2.66 | 2.58 |
| 100 | 14.4% | 102.93 | 89.99 | 14.5% | 21.170 | 18.487 | 1.7% | 2.66 | 2.61 |
| 110 | 14.3% | 106.59 | 93.26 | 16.3% | 21.900 | 18.837 | 2.6% | 2.66 | 2.59 |
| 120 | 13.0% | 107.98 | 95.58 | 15.3% | 22.193 | 19.254 | 2.7% | 2.66 | 2.59 |
| 130 | 13.5% | 109.21 | 96.20 | 14.5% | 22.530 | 19.673 | 2.1% | 2.66 | 2.61 |
| 140 | 12.8% | 110.17 | 97.66 | 15.1% | 22.741 | 19.765 | 2.7% | 2.67 | 2.59 |
| 150 | 13.3% | 111.31 | 98.24 | 14.7% | 22.861 | 19.937 | 2.1% | 2.66 | 2.60 |
| 160 | 13.9% | 112.15 | 98.45 | 14.2% | 23.012 | 20.151 | 1.7% | 2.66 | 2.61 |
| 170 | 13.8% | 112.18 | 98.62 | 14.0% | 23.066 | 20.234 | 1.7% | 2.66 | 2.62 |
| 180 | 14.4% | 113.12 | 98.85 | 15.0% | 23.253 | 20.217 | 1.9% | 2.66 | 2.61 |
| 190 | 13.3% | 113.28 | 100.01 | 14.4% | 23.334 | 20.397 | 2.2% | 2.66 | 2.60 |
| 200 | 13.2% | 113.91 | 100.66 | 13.8% | 23.473 | 20.631 | 1.9% | 2.66 | 2.61 |

24890000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | 4.60% | 2.83% |
| REV: | -5.12% | 4.67% |
| SWR: | -4.21% | 4.68% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 0.0% | 5.50 | 5.50 | -3.3% | 1.408 | 1.456 | -2.8% | 3.05 | 3.13 |
| 10 | -3.0% | 11.64 | 12.01 | 3.0% | 3.223 | 3.128 | 3.9% | 3.22 | 3.10 |
| 15 | -2.0% | 16.06 | 16.39 | 5.4% | 4.431 | 4.203 | 5.9% | 3.21 | 3.04 |
| 20 | -1.5% | 21.85 | 22.18 | 7.3% | 5.954 | 5.548 | 7.7% | 3.18 | 2.96 |
| 25 | -0.9% | 28.74 | 28.99 | 4.2% | 7.605 | 7.296 | 5.8% | 3.12 | 2.95 |
| 30 | -0.6% | 33.41 | 33.61 | 4.3% | 8.713 | 8.351 | 5.9% | 3.09 | 2.92 |
| 35 | 1.7% | 39.64 | 38.99 | 2.6% | 10.095 | 9.839 | 3.5% | 3.04 | 2.94 |
| 40 | 1.9% | 44.89 | 44.06 | 2.3% | 11.398 | 11.143 | 3.5% | 3.03 | 2.93 |
| 50 | 3.8% | 59.19 | 57.02 | -0.8% | 14.672 | 14.784 | -0.3% | 2.98 | 2.99 |
| 60 | 4.9% | 68.53 | 65.31 | -3.9% | 16.557 | 17.224 | -3.2% | 2.93 | 3.03 |
| 70 | 5.0% | 78.43 | 74.71 | -4.9% | 18.726 | 19.701 | -4.1% | 2.91 | 3.04 |
| 80 | 6.1% | 85.25 | 80.37 | -3.6% | 20.393 | 21.155 | -4.0% | 2.91 | 3.04 |
| 90 | 5.1% | 85.94 | 81.79 | -5.8% | 20.504 | 21.764 | -5.0% | 2.91 | 3.06 |
| 100 | 4.5% | 86.50 | 82.79 | -5.7% | 20.726 | 21.972 | -4.5% | 2.92 | 3.06 |
| 110 | 5.0% | 88.79 | 84.56 | -5.6% | 21.140 | 22.392 | -4.8% | 2.91 | 3.05 |
| 120 | 5.2% | 89.88 | 85.42 | -6.7% | 21.355 | 22.884 | -5.7% | 2.90 | 3.08 |
| 130 | 4.6% | 91.10 | 87.05 | -5.7% | 21.823 | 23.136 | -4.6% | 2.92 | 3.06 |
| 140 | 5.3% | 92.08 | 87.44 | -7.0% | 21.750 | 23.399 | -6.0% | 2.89 | 3.08 |
| 150 | 5.2% | 92.46 | 87.88 | -5.3% | 22.265 | 23.508 | -4.7% | 2.93 | 3.07 |
| 160 | 4.2% | 92.81 | 89.04 | -5.4% | 22.245 | 23.525 | -4.3% | 2.92 | 3.05 |
| 170 | 4.6% | 93.52 | 89.45 | -6.7% | 22.294 | 23.895 | -5.3% | 2.91 | 3.07 |
| 180 | 4.8% | 93.84 | 89.55 | -6.2% | 22.507 | 24.003 | -5.2% | 2.92 | 3.08 |
| 190 | 5.4% | 94.38 | 89.57 | -7.1% | 22.332 | 24.027 | -6.1% | 2.89 | 3.08 |
| 200 | 5.2% | 94.34 | 89.65 | -5.8% | 22.628 | 24.033 | -5.2% | 2.92 | 3.08 |

28000000, Ant 2

| | median | std |
|------|--------|-------|
| FWD: | -3.52% | 2.69% |
| REV: | 15.22% | 3.36% |
| SWR: | 18.13% | 5.33% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | -7.1% | 5.13 | 5.52 | 15.9% | 1.850 | 1.595 | 19.9% | 4.01 | 3.34 |
| 10 | -10.0% | 10.77 | 11.97 | 23.2% | 4.163 | 3.379 | 30.5% | 4.29 | 3.28 |
| 15 | -10.5% | 14.71 | 16.43 | 23.6% | 5.655 | 4.574 | 32.3% | 4.26 | 3.22 |
| 20 | -9.5% | 19.96 | 22.06 | 22.8% | 7.496 | 6.104 | 31.1% | 4.17 | 3.18 |
| 25 | -8.9% | 26.14 | 28.70 | 21.7% | 9.518 | 7.823 | 29.7% | 4.04 | 3.12 |
| 30 | -7.8% | 30.47 | 33.05 | 19.6% | 10.899 | 9.113 | 27.1% | 3.98 | 3.13 |
| 35 | -6.1% | 36.01 | 38.35 | 19.0% | 12.663 | 10.646 | 25.0% | 3.91 | 3.13 |
| 40 | -5.6% | 41.07 | 43.50 | 17.6% | 14.230 | 12.098 | 23.8% | 3.86 | 3.12 |
| 50 | -3.9% | 54.07 | 56.27 | 16.2% | 18.409 | 15.843 | 20.2% | 3.80 | 3.16 |
| 60 | -3.6% | 62.29 | 64.62 | 13.9% | 21.046 | 18.480 | 17.8% | 3.78 | 3.21 |
| 70 | -2.2% | 65.98 | 67.44 | 16.3% | 22.283 | 19.158 | 18.4% | 3.78 | 3.19 |
| 80 | -2.8% | 66.46 | 68.35 | 14.5% | 22.510 | 19.653 | 17.5% | 3.78 | 3.22 |
| 90 | -3.6% | 66.95 | 69.47 | 14.6% | 22.616 | 19.742 | 18.2% | 3.78 | 3.20 |
| 100 | -3.3% | 67.56 | 69.86 | 15.2% | 22.865 | 19.852 | 18.4% | 3.78 | 3.19 |
| 110 | -2.9% | 69.16 | 71.25 | 15.3% | 23.340 | 20.248 | 17.7% | 3.77 | 3.21 |
| 120 | -2.8% | 70.19 | 72.22 | 15.3% | 23.711 | 20.571 | 18.1% | 3.78 | 3.20 |
| 130 | -3.0% | 70.85 | 73.03 | 14.1% | 23.966 | 21.011 | 17.2% | 3.78 | 3.23 |
| 140 | -2.6% | 71.49 | 73.38 | 14.4% | 24.144 | 21.114 | 16.9% | 3.77 | 3.23 |
| 150 | -3.4% | 72.06 | 74.60 | 13.4% | 24.354 | 21.468 | 17.0% | 3.78 | 3.23 |
| 160 | -3.0% | 72.55 | 74.81 | 13.9% | 24.534 | 21.544 | 17.1% | 3.78 | 3.23 |
| 170 | -2.6% | 72.97 | 74.90 | 14.4% | 24.677 | 21.580 | 17.0% | 3.78 | 3.23 |
| 180 | -2.5% | 73.26 | 75.16 | 14.0% | 24.699 | 21.657 | 16.6% | 3.77 | 3.23 |
| 190 | -3.5% | 73.53 | 76.19 | 13.1% | 24.840 | 21.958 | 16.9% | 3.78 | 3.23 |
| 200 | -3.6% | 73.73 | 76.45 | 13.0% | 24.903 | 22.034 | 16.8% | 3.78 | 3.23 |

50000000, Ant 2

| | median | std |
|------|---------|-------|
| FWD: | -4.62% | 2.10% |
| REV: | -39.50% | 1.70% |
| SWR: | -15.68% | 0.89% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|--------|----------|---------|--------|----------|---------|
| 5 | -4.4% | 4.19 | 4.38 | -41.2% | 0.335 | 0.570 | -17.0% | 1.79 | 2.16 |
| 10 | -10.2% | 8.96 | 9.97 | -44.1% | 0.721 | 1.291 | -17.8% | 1.79 | 2.18 |
| 15 | -9.1% | 12.30 | 13.53 | -43.1% | 1.001 | 1.760 | -17.4% | 1.80 | 2.18 |
| 20 | -8.3% | 16.68 | 18.19 | -41.7% | 1.375 | 2.360 | -16.2% | 1.81 | 2.16 |
| 25 | -8.9% | 21.95 | 24.10 | -40.8% | 1.808 | 3.054 | -15.5% | 1.80 | 2.14 |
| 30 | -8.6% | 25.58 | 28.00 | -39.7% | 2.102 | 3.487 | -14.8% | 1.80 | 2.12 |
| 35 | -7.2% | 30.26 | 32.62 | -39.3% | 2.466 | 4.062 | -14.9% | 1.80 | 2.11 |
| 40 | -6.5% | 34.57 | 36.98 | -38.2% | 2.809 | 4.545 | -14.3% | 1.80 | 2.10 |
| 50 | -4.4% | 45.75 | 47.83 | -36.8% | 3.678 | 5.820 | -14.0% | 1.79 | 2.08 |
| 60 | -3.8% | 53.00 | 55.07 | -37.6% | 4.206 | 6.745 | -14.6% | 1.78 | 2.09 |
| 70 | -3.4% | 60.64 | 62.76 | -37.0% | 4.761 | 7.556 | -14.5% | 1.78 | 2.08 |
| 80 | -3.5% | 69.47 | 72.02 | -38.2% | 5.436 | 8.797 | -15.2% | 1.78 | 2.10 |
| 90 | -3.7% | 77.79 | 80.76 | -38.8% | 6.024 | 9.844 | -15.6% | 1.77 | 2.10 |
| 100 | -2.7% | 87.71 | 90.17 | -38.3% | 6.756 | 10.943 | -15.7% | 1.77 | 2.10 |
| 110 | -4.9% | 87.60 | 92.09 | -39.5% | 6.752 | 11.162 | -15.7% | 1.77 | 2.10 |
| 120 | -4.6% | 87.57 | 91.81 | -39.5% | 6.744 | 11.139 | -15.8% | 1.77 | 2.10 |
| 130 | -4.7% | 87.51 | 91.79 | -39.3% | 6.758 | 11.130 | -15.6% | 1.77 | 2.10 |
| 140 | -4.7% | 87.44 | 91.77 | -39.6% | 6.735 | 11.145 | -15.7% | 1.77 | 2.10 |
| 150 | -4.5% | 87.94 | 92.07 | -39.6% | 6.732 | 11.151 | -15.8% | 1.77 | 2.10 |
| 160 | -4.6% | 87.82 | 92.05 | -39.5% | 6.749 | 11.162 | -15.7% | 1.77 | 2.10 |
| 170 | -5.0% | 87.55 | 92.11 | -39.6% | 6.741 | 11.168 | -15.7% | 1.77 | 2.10 |
| 180 | -4.5% | 87.83 | 91.94 | -39.6% | 6.739 | 11.163 | -15.8% | 1.77 | 2.10 |
| 190 | -4.6% | 87.60 | 91.85 | -39.5% | 6.741 | 11.142 | -15.7% | 1.77 | 2.10 |
| 200 | -4.0% | 88.03 | 91.71 | -39.3% | 6.749 | 11.125 | -15.7% | 1.77 | 2.10 |

01800000, Ant 3

| | median | std |
|------|--------|-------|
| FWD: | 3.27% | 2.41% |
| REV: | -0.09% | 4.55% |
| SWR: | 2.49% | 5.61% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 3.0% | 5.17 | 5.03 | 7.3% | 2.996 | 2.793 | 5.6% | 7.36 | 6.97 |
| 10 | -1.3% | 11.17 | 11.32 | 9.2% | 6.690 | 6.125 | 19.4% | 7.84 | 6.57 |
| 15 | -1.6% | 15.44 | 15.69 | 7.6% | 9.108 | 8.465 | 19.2% | 7.62 | 6.39 |
| 20 | 11.9% | 21.09 | 18.85 | 18.2% | 12.127 | 10.255 | 14.4% | 7.27 | 6.36 |
| 25 | 0.3% | 27.78 | 27.71 | 1.9% | 15.577 | 15.288 | 9.1% | 6.96 | 6.38 |
| 30 | 1.1% | 32.43 | 32.08 | 0.7% | 17.944 | 17.823 | 6.3% | 6.81 | 6.40 |
| 35 | 2.8% | 36.06 | 35.10 | -0.2% | 19.763 | 19.799 | 3.0% | 6.70 | 6.50 |
| 40 | 3.1% | 36.47 | 35.39 | 0.6% | 19.969 | 19.858 | 3.9% | 6.69 | 6.44 |
| 50 | 3.4% | 37.09 | 35.85 | 0.8% | 20.313 | 20.153 | 3.5% | 6.69 | 6.47 |
| 60 | 3.4% | 37.80 | 36.54 | 0.1% | 20.654 | 20.623 | 2.5% | 6.67 | 6.51 |
| 70 | 3.4% | 38.23 | 36.96 | 0.3% | 20.830 | 20.776 | 2.6% | 6.64 | 6.47 |
| 80 | 3.3% | 38.62 | 37.38 | -0.0% | 21.045 | 21.054 | 2.5% | 6.64 | 6.48 |
| 90 | 3.2% | 38.94 | 37.75 | -0.1% | 21.210 | 21.240 | 2.5% | 6.63 | 6.47 |
| 100 | 2.7% | 39.27 | 38.22 | -0.6% | 21.369 | 21.493 | 2.2% | 6.62 | 6.49 |
| 110 | 3.8% | 40.33 | 38.84 | -0.0% | 21.883 | 21.892 | 1.4% | 6.59 | 6.51 |
| 120 | 3.6% | 40.93 | 39.53 | -0.2% | 22.195 | 22.247 | 1.2% | 6.59 | 6.51 |
| 130 | 3.6% | 41.49 | 40.07 | -0.4% | 22.482 | 22.573 | 1.0% | 6.58 | 6.52 |
| 140 | 3.8% | 42.01 | 40.48 | -0.2% | 22.763 | 22.816 | 1.0% | 6.58 | 6.51 |
| 150 | 3.4% | 42.30 | 40.93 | -0.7% | 22.914 | 23.072 | 1.0% | 6.58 | 6.51 |
| 160 | 3.2% | 42.61 | 41.29 | -0.8% | 23.056 | 23.249 | 0.8% | 6.56 | 6.51 |
| 170 | 2.8% | 42.80 | 41.62 | -1.2% | 23.139 | 23.423 | 0.9% | 6.56 | 6.50 |
| 180 | 3.2% | 43.24 | 41.88 | -1.1% | 23.326 | 23.575 | 0.2% | 6.53 | 6.52 |
| 190 | 3.5% | 43.40 | 41.93 | -0.9% | 23.417 | 23.633 | 0.3% | 6.53 | 6.52 |
| 200 | 3.5% | 43.46 | 41.99 | -1.0% | 23.436 | 23.663 | 0.2% | 6.53 | 6.52 |

03500000, Ant 3

| | median | std |
|------|--------|-------|
| FWD: | 9.30% | 1.81% |
| REV: | 8.27% | 3.16% |
| SWR: | 5.57% | 5.78% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 8.7% | 5.62 | 5.17 | 16.5% | 3.181 | 2.730 | 9.2% | 7.07 | 6.48 |
| 10 | 4.4% | 12.11 | 11.61 | 19.0% | 7.050 | 5.925 | 25.1% | 7.44 | 5.94 |
| 15 | 5.0% | 16.77 | 15.97 | 16.4% | 9.578 | 8.231 | 21.8% | 7.19 | 5.90 |
| 20 | 3.8% | 23.03 | 22.18 | 10.6% | 12.820 | 11.595 | 16.4% | 6.88 | 5.91 |
| 25 | 7.1% | 30.26 | 28.26 | 9.6% | 16.429 | 14.993 | 11.0% | 6.60 | 5.95 |
| 30 | 8.2% | 34.67 | 32.03 | 8.9% | 18.625 | 17.101 | 8.4% | 6.49 | 5.99 |
| 35 | 9.0% | 35.15 | 32.25 | 8.2% | 18.854 | 17.431 | 6.1% | 6.47 | 6.10 |
| 40 | 9.6% | 35.52 | 32.40 | 8.7% | 18.991 | 17.470 | 6.2% | 6.44 | 6.06 |
| 50 | 9.4% | 36.03 | 32.92 | 8.7% | 19.305 | 17.765 | 6.2% | 6.46 | 6.09 |
| 60 | 9.3% | 36.70 | 33.58 | 8.2% | 19.617 | 18.134 | 5.5% | 6.44 | 6.10 |
| 70 | 9.3% | 37.15 | 33.98 | 8.8% | 19.841 | 18.231 | 6.1% | 6.43 | 6.06 |
| 80 | 9.1% | 37.51 | 34.39 | 8.0% | 20.026 | 18.544 | 5.6% | 6.43 | 6.08 |
| 90 | 9.4% | 37.79 | 34.54 | 8.5% | 20.204 | 18.623 | 5.8% | 6.44 | 6.09 |
| 100 | 9.0% | 38.29 | 35.11 | 8.0% | 20.400 | 18.894 | 5.3% | 6.41 | 6.08 |
| 110 | 9.2% | 39.14 | 35.84 | 7.8% | 20.839 | 19.331 | 4.7% | 6.40 | 6.11 |
| 120 | 10.2% | 39.87 | 36.19 | 8.3% | 21.165 | 19.543 | 4.2% | 6.37 | 6.11 |
| 130 | 9.6% | 40.32 | 36.79 | 7.9% | 21.393 | 19.827 | 4.3% | 6.37 | 6.10 |
| 140 | 10.2% | 40.78 | 37.02 | 8.5% | 21.623 | 19.936 | 4.3% | 6.36 | 6.09 |
| 150 | 9.5% | 41.17 | 37.60 | 7.7% | 21.808 | 20.247 | 4.1% | 6.35 | 6.10 |
| 160 | 9.8% | 41.46 | 37.75 | 7.9% | 21.936 | 20.330 | 3.8% | 6.34 | 6.10 |
| 170 | 10.5% | 41.78 | 37.81 | 8.2% | 22.072 | 20.392 | 3.2% | 6.32 | 6.13 |
| 180 | 9.7% | 41.87 | 38.17 | 7.0% | 22.111 | 20.661 | 2.8% | 6.32 | 6.14 |
| 190 | 9.8% | 42.04 | 38.28 | 7.3% | 22.223 | 20.712 | 3.0% | 6.33 | 6.14 |
| 200 | 9.2% | 42.17 | 38.61 | 7.4% | 22.330 | 20.795 | 3.9% | 6.34 | 6.11 |

07000000, Ant 3

| | median | std |
|------|--------|-------|
| FWD: | 21.74% | 1.84% |
| REV: | 42.12% | 3.07% |
| SWR: | 27.68% | 4.60% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 20.5% | 5.52 | 4.58 | 46.4% | 2.869 | 1.960 | 27.4% | 6.17 | 4.84 |
| 10 | 17.3% | 11.82 | 10.08 | 52.3% | 6.383 | 4.192 | 40.7% | 6.54 | 4.65 |
| 15 | 15.6% | 16.25 | 14.06 | 49.5% | 8.643 | 5.782 | 42.0% | 6.39 | 4.50 |
| 20 | 19.7% | 22.29 | 18.62 | 49.6% | 11.576 | 7.738 | 37.1% | 6.16 | 4.49 |
| 25 | 18.8% | 29.30 | 24.66 | 43.9% | 14.772 | 10.267 | 32.7% | 5.90 | 4.44 |
| 30 | 20.4% | 34.12 | 28.34 | 42.1% | 17.019 | 11.974 | 29.2% | 5.81 | 4.49 |
| 35 | 20.0% | 35.44 | 29.54 | 43.4% | 17.610 | 12.277 | 31.0% | 5.78 | 4.41 |
| 40 | 21.4% | 35.91 | 29.57 | 42.2% | 17.815 | 12.524 | 28.3% | 5.76 | 4.49 |
| 50 | 21.1% | 36.40 | 30.05 | 41.8% | 18.048 | 12.724 | 28.2% | 5.76 | 4.49 |
| 60 | 21.4% | 37.03 | 30.50 | 42.7% | 18.318 | 12.835 | 29.0% | 5.74 | 4.45 |
| 70 | 21.5% | 37.45 | 30.81 | 42.1% | 18.551 | 13.055 | 28.3% | 5.75 | 4.49 |
| 80 | 22.5% | 37.86 | 30.91 | 42.8% | 18.735 | 13.118 | 27.7% | 5.74 | 4.50 |
| 90 | 21.6% | 38.16 | 31.38 | 41.6% | 18.871 | 13.328 | 27.7% | 5.74 | 4.50 |
| 100 | 21.9% | 38.40 | 31.50 | 42.0% | 19.001 | 13.377 | 27.7% | 5.74 | 4.50 |
| 110 | 23.1% | 39.50 | 32.08 | 42.5% | 19.413 | 13.620 | 26.5% | 5.69 | 4.50 |
| 120 | 22.4% | 40.16 | 32.80 | 41.7% | 19.733 | 13.924 | 26.5% | 5.69 | 4.50 |
| 130 | 21.9% | 40.72 | 33.40 | 41.0% | 20.010 | 14.189 | 26.4% | 5.69 | 4.50 |
| 140 | 22.0% | 40.94 | 33.55 | 41.6% | 20.158 | 14.236 | 26.8% | 5.71 | 4.50 |
| 150 | 23.2% | 41.54 | 33.72 | 42.4% | 20.422 | 14.344 | 26.1% | 5.69 | 4.51 |
| 160 | 22.6% | 41.70 | 34.01 | 40.2% | 20.443 | 14.580 | 24.9% | 5.67 | 4.54 |
| 170 | 22.4% | 42.13 | 34.42 | 41.0% | 20.615 | 14.616 | 25.5% | 5.66 | 4.51 |
| 180 | 22.4% | 42.17 | 34.46 | 41.4% | 20.668 | 14.616 | 26.0% | 5.67 | 4.50 |
| 190 | 22.5% | 42.27 | 34.51 | 41.5% | 20.712 | 14.640 | 26.1% | 5.67 | 4.49 |
| 200 | 22.4% | 42.39 | 34.62 | 41.4% | 20.768 | 14.685 | 25.9% | 5.67 | 4.50 |

10100000, Ant 3

| | median | std |
|------|--------|-------|
| FWD: | 20.26% | 2.17% |
| REV: | 62.21% | 3.36% |
| SWR: | 44.01% | 5.84% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 19.6% | 5.03 | 4.21 | 63.2% | 2.525 | 1.547 | 42.8% | 5.86 | 4.10 |
| 10 | 15.5% | 10.82 | 9.37 | 72.1% | 5.689 | 3.306 | 58.9% | 6.27 | 3.95 |
| 15 | 13.4% | 14.82 | 13.07 | 71.9% | 7.727 | 4.494 | 62.7% | 6.19 | 3.81 |
| 20 | 16.2% | 20.16 | 17.35 | 70.4% | 10.235 | 6.007 | 57.3% | 5.96 | 3.79 |
| 25 | 15.9% | 26.54 | 22.90 | 66.0% | 13.134 | 7.913 | 53.7% | 5.75 | 3.74 |
| 30 | 17.6% | 31.01 | 26.37 | 65.2% | 15.099 | 9.140 | 50.3% | 5.62 | 3.74 |
| 35 | 17.9% | 36.66 | 31.11 | 63.0% | 17.613 | 10.809 | 48.3% | 5.52 | 3.72 |
| 40 | 19.1% | 41.00 | 34.41 | 61.8% | 19.537 | 12.071 | 45.6% | 5.46 | 3.75 |
| 50 | 20.1% | 41.66 | 34.68 | 61.9% | 19.848 | 12.262 | 44.7% | 5.46 | 3.77 |
| 60 | 20.1% | 42.41 | 35.31 | 63.0% | 20.152 | 12.364 | 45.1% | 5.44 | 3.75 |
| 70 | 20.3% | 42.83 | 35.61 | 61.9% | 20.357 | 12.577 | 44.4% | 5.44 | 3.77 |
| 80 | 19.9% | 43.34 | 36.16 | 63.0% | 20.560 | 12.616 | 45.5% | 5.43 | 3.73 |
| 90 | 20.3% | 43.66 | 36.30 | 61.3% | 20.700 | 12.829 | 43.7% | 5.42 | 3.77 |
| 100 | 21.7% | 44.17 | 36.30 | 62.1% | 20.904 | 12.894 | 42.8% | 5.41 | 3.79 |
| 110 | 21.1% | 45.21 | 37.34 | 63.2% | 21.417 | 13.127 | 44.2% | 5.42 | 3.76 |
| 120 | 20.7% | 45.85 | 37.97 | 61.7% | 21.701 | 13.418 | 43.4% | 5.41 | 3.77 |
| 130 | 20.7% | 46.66 | 38.65 | 60.8% | 22.032 | 13.704 | 42.5% | 5.39 | 3.78 |
| 140 | 21.0% | 47.03 | 38.87 | 61.3% | 22.195 | 13.761 | 42.5% | 5.39 | 3.78 |
| 150 | 20.2% | 47.47 | 39.48 | 62.6% | 22.420 | 13.790 | 43.8% | 5.39 | 3.75 |
| 160 | 20.6% | 47.88 | 39.71 | 61.1% | 22.588 | 14.021 | 42.3% | 5.39 | 3.79 |
| 170 | 21.0% | 48.08 | 39.73 | 61.2% | 22.702 | 14.087 | 42.3% | 5.39 | 3.79 |
| 180 | 21.4% | 48.34 | 39.82 | 61.5% | 22.763 | 14.093 | 42.0% | 5.37 | 3.78 |
| 190 | 21.0% | 48.64 | 40.21 | 62.3% | 22.925 | 14.126 | 43.2% | 5.38 | 3.76 |
| 200 | 20.4% | 48.78 | 40.50 | 60.3% | 22.970 | 14.330 | 42.2% | 5.37 | 3.78 |

14000000, Ant 3

| | median | std |
|------|--------|-------|
| FWD: | 5.38% | 2.09% |
| REV: | 37.60% | 3.53% |
| SWR: | 45.60% | 8.29% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|-------|----------|---------|
| 5 | 3.6% | 4.99 | 4.82 | 41.9% | 2.769 | 1.951 | 50.7% | 6.84 | 4.54 |
| 10 | 0.0% | 10.64 | 10.64 | 48.3% | 6.151 | 4.147 | 68.8% | 7.34 | 4.35 |
| 15 | -1.5% | 14.54 | 14.76 | 47.4% | 8.324 | 5.648 | 71.7% | 7.22 | 4.20 |
| 20 | 1.5% | 19.88 | 19.58 | 46.1% | 11.061 | 7.571 | 63.7% | 6.87 | 4.20 |
| 25 | 1.6% | 26.02 | 25.60 | 41.5% | 14.136 | 9.987 | 57.8% | 6.61 | 4.19 |
| 30 | 2.4% | 30.42 | 29.69 | 42.1% | 16.316 | 11.481 | 56.8% | 6.47 | 4.13 |
| 35 | 4.0% | 35.89 | 34.50 | 39.9% | 19.101 | 13.654 | 52.6% | 6.39 | 4.19 |
| 40 | 4.9% | 41.19 | 39.26 | 38.0% | 21.518 | 15.589 | 48.0% | 6.22 | 4.20 |
| 50 | 5.5% | 50.99 | 48.36 | 37.2% | 26.669 | 19.437 | 45.6% | 6.23 | 4.28 |
| 60 | 6.1% | 52.14 | 49.15 | 37.4% | 27.158 | 19.773 | 44.7% | 6.19 | 4.28 |
| 70 | 5.5% | 52.87 | 50.10 | 37.4% | 27.317 | 19.882 | 44.6% | 6.11 | 4.23 |
| 80 | 5.2% | 53.00 | 50.38 | 36.2% | 27.565 | 20.232 | 44.5% | 6.17 | 4.27 |
| 90 | 4.9% | 53.50 | 51.03 | 37.2% | 27.876 | 20.314 | 45.8% | 6.19 | 4.24 |
| 100 | 5.4% | 54.27 | 51.48 | 38.3% | 28.195 | 20.385 | 46.0% | 6.16 | 4.22 |
| 110 | 5.6% | 55.36 | 52.43 | 37.7% | 28.903 | 20.994 | 45.5% | 6.21 | 4.27 |
| 120 | 4.8% | 56.16 | 53.57 | 38.2% | 29.419 | 21.292 | 47.3% | 6.24 | 4.24 |
| 130 | 6.0% | 57.03 | 53.81 | 37.5% | 29.700 | 21.607 | 44.5% | 6.19 | 4.28 |
| 140 | 5.8% | 57.65 | 54.48 | 37.0% | 29.874 | 21.798 | 43.8% | 6.14 | 4.27 |
| 150 | 5.8% | 58.28 | 55.06 | 36.9% | 30.285 | 22.120 | 43.9% | 6.17 | 4.28 |
| 160 | 6.1% | 58.51 | 55.15 | 37.4% | 30.497 | 22.191 | 44.2% | 6.19 | 4.29 |
| 170 | 5.9% | 58.92 | 55.64 | 37.5% | 30.621 | 22.264 | 44.5% | 6.17 | 4.27 |
| 180 | 5.3% | 59.17 | 56.17 | 37.7% | 30.825 | 22.390 | 45.6% | 6.19 | 4.25 |
| 190 | 5.8% | 59.62 | 56.37 | 35.9% | 30.785 | 22.647 | 42.4% | 6.11 | 4.29 |
| 200 | 5.9% | 59.72 | 56.38 | 36.6% | 30.969 | 22.679 | 43.2% | 6.15 | 4.29 |

18068000, Ant 3

| | median | std |
|------|--------|--------|
| FWD: | -8.83% | 1.74% |
| REV: | 25.17% | 2.60% |
| SWR: | 78.93% | 11.38% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|-------|----------|---------|--------|----------|---------|
| 5 | -10.6% | 5.08 | 5.69 | 28.7% | 3.404 | 2.644 | 86.5% | 10.00 | 5.36 |
| 10 | -13.5% | 10.82 | 12.51 | 32.6% | 7.488 | 5.648 | 113.6% | 10.89 | 5.10 |
| 15 | -13.6% | 14.85 | 17.18 | 32.7% | 10.176 | 7.667 | 114.8% | 10.62 | 4.95 |
| 20 | -11.6% | 20.26 | 22.91 | 31.3% | 13.604 | 10.362 | 103.8% | 10.08 | 4.95 |
| 25 | -11.3% | 26.43 | 29.81 | 27.2% | 17.382 | 13.666 | 93.0% | 9.58 | 4.97 |
| 30 | -10.9% | 30.79 | 34.55 | 25.4% | 20.006 | 15.950 | 87.4% | 9.31 | 4.97 |
| 35 | -9.0% | 36.53 | 40.16 | 24.4% | 23.568 | 18.948 | 80.6% | 9.16 | 5.07 |
| 40 | -7.3% | 38.63 | 41.67 | 25.9% | 24.802 | 19.707 | 78.0% | 9.07 | 5.09 |
| 50 | -8.4% | 39.19 | 42.77 | 24.5% | 25.179 | 20.217 | 78.2% | 9.08 | 5.09 |
| 60 | -8.7% | 39.90 | 43.72 | 25.6% | 25.576 | 20.366 | 80.7% | 9.04 | 5.00 |
| 70 | -8.3% | 40.30 | 43.95 | 25.0% | 25.857 | 20.690 | 78.4% | 9.05 | 5.07 |
| 80 | -9.1% | 40.67 | 44.73 | 25.4% | 26.065 | 20.790 | 80.5% | 9.03 | 5.00 |
| 90 | -9.6% | 40.64 | 44.94 | 23.6% | 26.141 | 21.146 | 79.5% | 9.11 | 5.07 |
| 100 | -8.7% | 41.40 | 45.35 | 25.2% | 26.610 | 21.248 | 79.9% | 9.09 | 5.05 |
| 110 | -8.1% | 42.28 | 45.99 | 24.9% | 27.020 | 21.629 | 76.9% | 8.97 | 5.07 |
| 120 | -7.6% | 43.25 | 46.82 | 25.2% | 27.631 | 22.078 | 75.9% | 8.97 | 5.10 |
| 130 | -8.6% | 43.76 | 47.87 | 24.7% | 27.940 | 22.404 | 77.3% | 8.95 | 5.05 |
| 140 | -8.9% | 43.81 | 48.10 | 25.1% | 28.332 | 22.643 | 81.3% | 9.22 | 5.08 |
| 150 | -7.8% | 44.60 | 48.37 | 25.6% | 28.516 | 22.708 | 77.2% | 8.98 | 5.07 |
| 160 | -9.1% | 44.59 | 49.07 | 24.2% | 28.598 | 23.028 | 78.2% | 9.05 | 5.08 |
| 170 | -8.8% | 44.87 | 49.19 | 23.5% | 28.657 | 23.200 | 75.8% | 8.96 | 5.10 |
| 180 | -7.3% | 45.64 | 49.21 | 25.1% | 29.045 | 23.211 | 74.3% | 8.89 | 5.10 |
| 190 | -8.1% | 45.41 | 49.39 | 25.2% | 29.077 | 23.228 | 77.3% | 9.01 | 5.08 |
| 200 | -8.9% | 45.42 | 49.86 | 24.6% | 29.049 | 23.321 | 77.5% | 8.99 | 5.06 |

21000000, Ant 3

| | median | std |
|------|---------|--------|
| FWD: | -13.17% | 1.24% |
| REV: | 35.96% | 1.99% |
| SWR: | 146.66% | 13.13% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|-------|----------|---------|--------|----------|---------|
| 5 | -12.7% | 4.55 | 5.21 | 36.9% | 3.343 | 2.442 | 142.0% | 13.01 | 5.37 |
| 10 | -16.1% | 9.82 | 11.70 | 41.7% | 7.458 | 5.263 | 185.4% | 14.56 | 5.10 |
| 15 | -16.2% | 13.47 | 16.07 | 42.1% | 10.185 | 7.170 | 188.7% | 14.35 | 4.97 |
| 20 | -16.0% | 18.37 | 21.87 | 40.4% | 13.613 | 9.697 | 175.2% | 13.37 | 4.86 |
| 25 | -15.3% | 24.10 | 28.45 | 37.8% | 17.568 | 12.752 | 160.8% | 12.68 | 4.86 |
| 30 | -14.8% | 28.06 | 32.92 | 36.8% | 20.317 | 14.853 | 155.3% | 12.42 | 4.86 |
| 35 | -14.0% | 29.31 | 34.08 | 36.5% | 21.189 | 15.526 | 151.8% | 12.36 | 4.91 |
| 40 | -13.3% | 29.75 | 34.33 | 35.9% | 21.452 | 15.789 | 147.3% | 12.26 | 4.96 |
| 50 | -14.0% | 30.12 | 35.02 | 36.6% | 21.695 | 15.885 | 151.0% | 12.22 | 4.87 |
| 60 | -13.9% | 30.67 | 35.62 | 36.8% | 22.130 | 16.175 | 151.8% | 12.28 | 4.88 |
| 70 | -13.7% | 31.00 | 35.91 | 35.4% | 22.359 | 16.515 | 148.1% | 12.27 | 4.95 |
| 80 | -13.1% | 31.29 | 36.03 | 36.0% | 22.553 | 16.584 | 147.4% | 12.24 | 4.95 |
| 90 | -13.6% | 31.62 | 36.59 | 35.2% | 22.734 | 16.814 | 146.3% | 12.15 | 4.93 |
| 100 | -13.2% | 31.87 | 36.71 | 35.4% | 22.933 | 16.941 | 145.4% | 12.19 | 4.97 |
| 110 | -12.6% | 32.64 | 37.33 | 36.4% | 23.543 | 17.259 | 147.0% | 12.27 | 4.97 |
| 120 | -12.8% | 33.26 | 38.12 | 35.8% | 23.953 | 17.634 | 145.9% | 12.22 | 4.97 |
| 130 | -12.6% | 33.67 | 38.51 | 35.6% | 24.193 | 17.835 | 144.1% | 12.13 | 4.97 |
| 140 | -12.9% | 33.96 | 38.99 | 35.0% | 24.390 | 18.060 | 143.7% | 12.11 | 4.97 |
| 150 | -12.2% | 34.39 | 39.16 | 36.2% | 24.687 | 18.125 | 143.8% | 12.10 | 4.96 |
| 160 | -13.0% | 34.59 | 39.74 | 35.1% | 24.864 | 18.401 | 144.8% | 12.14 | 4.96 |
| 170 | -13.0% | 34.74 | 39.93 | 34.8% | 24.960 | 18.520 | 144.1% | 12.13 | 4.97 |
| 180 | -12.6% | 34.90 | 39.95 | 35.2% | 25.040 | 18.519 | 143.1% | 12.07 | 4.97 |
| 190 | -12.3% | 35.05 | 39.97 | 35.9% | 25.182 | 18.525 | 144.1% | 12.13 | 4.97 |
| 200 | -12.0% | 35.16 | 39.98 | 35.4% | 25.227 | 18.638 | 140.8% | 12.07 | 5.01 |

24890000, Ant 3

| | median | std |
|------|---------|--------|
| FWD: | -9.78% | 1.55% |
| REV: | 60.35% | 1.73% |
| SWR: | 176.97% | 15.16% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|-------|----------|---------|--------|----------|---------|
| 5 | -9.9% | 3.87 | 4.30 | 59.0% | 2.828 | 1.779 | 176.8% | 12.76 | 4.61 |
| 10 | -12.3% | 8.30 | 9.47 | 65.2% | 6.304 | 3.815 | 219.6% | 14.54 | 4.55 |
| 15 | -13.1% | 11.30 | 12.99 | 65.1% | 8.503 | 5.149 | 220.1% | 14.10 | 4.40 |
| 20 | -13.4% | 15.33 | 17.69 | 64.1% | 11.364 | 6.925 | 211.7% | 13.40 | 4.30 |
| 25 | -13.1% | 19.97 | 22.97 | 63.0% | 14.528 | 8.912 | 199.8% | 12.60 | 4.20 |
| 30 | -12.9% | 23.22 | 26.66 | 61.4% | 16.786 | 10.399 | 193.9% | 12.35 | 4.20 |
| 35 | -11.4% | 27.40 | 30.94 | 60.5% | 19.673 | 12.254 | 185.6% | 12.10 | 4.24 |
| 40 | -11.0% | 31.23 | 35.10 | 60.5% | 22.233 | 13.855 | 180.7% | 11.80 | 4.20 |
| 50 | -10.2% | 31.99 | 35.64 | 61.2% | 22.748 | 14.116 | 179.1% | 11.76 | 4.21 |
| 60 | -10.5% | 32.51 | 36.32 | 60.8% | 23.186 | 14.417 | 180.8% | 11.86 | 4.22 |
| 70 | -10.2% | 32.83 | 36.56 | 60.7% | 23.423 | 14.571 | 180.0% | 11.87 | 4.24 |
| 80 | -9.6% | 33.24 | 36.77 | 59.9% | 23.626 | 14.777 | 174.7% | 11.75 | 4.28 |
| 90 | -10.2% | 33.47 | 37.27 | 60.5% | 23.791 | 14.824 | 177.9% | 11.74 | 4.23 |
| 100 | -9.5% | 33.89 | 37.43 | 59.5% | 24.011 | 15.053 | 172.3% | 11.64 | 4.28 |
| 110 | -9.0% | 34.66 | 38.08 | 59.8% | 24.586 | 15.385 | 172.3% | 11.67 | 4.29 |
| 120 | -9.5% | 35.19 | 38.86 | 60.4% | 24.979 | 15.575 | 175.3% | 11.70 | 4.25 |
| 130 | -9.3% | 35.69 | 39.35 | 60.3% | 25.287 | 15.778 | 174.1% | 11.64 | 4.25 |
| 140 | -9.2% | 36.10 | 39.75 | 59.8% | 25.481 | 15.946 | 171.5% | 11.51 | 4.24 |
| 150 | -9.0% | 36.33 | 39.90 | 59.8% | 25.786 | 16.138 | 173.1% | 11.70 | 4.28 |
| 160 | -9.3% | 36.65 | 40.39 | 60.3% | 25.932 | 16.174 | 173.4% | 11.59 | 4.24 |
| 170 | -9.7% | 36.79 | 40.72 | 60.2% | 26.131 | 16.309 | 177.1% | 11.72 | 4.23 |
| 180 | -8.8% | 37.16 | 40.74 | 59.5% | 26.347 | 16.517 | 171.7% | 11.66 | 4.29 |
| 190 | -8.5% | 37.27 | 40.75 | 59.4% | 26.347 | 16.524 | 169.2% | 11.56 | 4.29 |
| 200 | -8.5% | 37.42 | 40.87 | 60.3% | 26.501 | 16.531 | 171.5% | 11.62 | 4.28 |

28000000, Ant 3

| | median | std |
|------|--------|--------|
| FWD: | -1.30% | 2.57% |
| REV: | 58.49% | 2.11% |
| SWR: | 93.99% | 10.81% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|-------|----------|---------|-------|----------|---------|--------|----------|---------|
| 5 | -2.7% | 4.20 | 4.32 | 59.8% | 2.608 | 1.633 | 101.3% | 8.42 | 4.19 |
| 10 | -6.4% | 8.72 | 9.32 | 64.5% | 5.631 | 3.423 | 121.1% | 9.19 | 4.16 |
| 15 | -7.8% | 11.76 | 12.76 | 63.9% | 7.550 | 4.606 | 124.8% | 9.06 | 4.03 |
| 20 | -6.9% | 15.91 | 17.08 | 63.7% | 10.003 | 6.111 | 119.5% | 8.66 | 3.95 |
| 25 | -6.8% | 20.62 | 22.13 | 62.6% | 12.725 | 7.828 | 115.4% | 8.33 | 3.87 |
| 30 | -6.7% | 23.94 | 25.65 | 59.8% | 14.586 | 9.128 | 110.0% | 8.11 | 3.86 |
| 35 | -5.2% | 28.20 | 29.76 | 59.7% | 16.999 | 10.647 | 105.8% | 7.95 | 3.86 |
| 40 | -4.6% | 32.19 | 33.74 | 59.6% | 19.217 | 12.040 | 103.6% | 7.79 | 3.83 |
| 50 | -2.2% | 42.55 | 43.53 | 57.9% | 25.046 | 15.857 | 96.1% | 7.59 | 3.87 |
| 60 | -2.1% | 48.71 | 49.74 | 58.2% | 28.652 | 18.106 | 95.5% | 7.58 | 3.88 |
| 70 | -1.1% | 49.33 | 49.89 | 58.2% | 29.047 | 18.364 | 93.3% | 7.60 | 3.93 |
| 80 | -1.6% | 49.84 | 50.66 | 58.2% | 29.262 | 18.502 | 94.3% | 7.55 | 3.89 |
| 90 | -1.5% | 50.26 | 51.02 | 59.2% | 29.533 | 18.546 | 95.2% | 7.57 | 3.88 |
| 100 | -0.7% | 50.68 | 51.05 | 57.7% | 29.697 | 18.827 | 91.7% | 7.53 | 3.93 |
| 110 | -0.6% | 51.67 | 51.97 | 58.5% | 30.504 | 19.246 | 93.7% | 7.63 | 3.94 |
| 120 | -1.1% | 52.57 | 53.15 | 58.5% | 30.867 | 19.477 | 93.5% | 7.56 | 3.91 |
| 130 | -0.2% | 53.33 | 53.44 | 58.3% | 31.227 | 19.721 | 90.9% | 7.52 | 3.94 |
| 140 | -1.0% | 53.81 | 54.33 | 58.1% | 31.522 | 19.938 | 92.3% | 7.53 | 3.91 |
| 150 | -1.0% | 54.06 | 54.61 | 57.0% | 31.723 | 20.202 | 91.6% | 7.55 | 3.94 |
| 160 | -0.0% | 54.72 | 54.73 | 58.1% | 31.964 | 20.216 | 90.1% | 7.49 | 3.94 |
| 170 | -0.4% | 54.94 | 55.17 | 58.8% | 32.100 | 20.219 | 92.0% | 7.49 | 3.90 |
| 180 | -1.0% | 55.03 | 55.59 | 58.9% | 32.204 | 20.266 | 93.2% | 7.51 | 3.89 |
| 190 | -1.0% | 55.28 | 55.86 | 58.3% | 32.326 | 20.421 | 91.8% | 7.50 | 3.91 |
| 200 | -0.6% | 55.50 | 55.86 | 57.5% | 32.495 | 20.637 | 90.7% | 7.52 | 3.94 |

50000000, Ant 3

| | median | std |
|------|-----------|---------|
| FWD: | -32.69% | 1.06% |
| REV: | 65.37% | 0.81% |
| SWR: | -1240.65% | 143.55% |

| power | FWD | MC-200 F | Alpha F | REV | MC-200 R | Alpha R | SWR | MC-200 S | Alpha S |
|-------|--------|----------|---------|-------|----------|---------|----------|----------|---------|
| 5 | -28.1% | 3.66 | 5.09 | 64.3% | 3.840 | 2.338 | -1636.6% | -83.75 | 5.45 |
| 10 | -32.5% | 7.70 | 11.40 | 64.8% | 8.074 | 4.900 | -1749.8% | -84.89 | 5.15 |
| 15 | -33.8% | 10.39 | 15.70 | 64.5% | 11.102 | 6.750 | -1288.8% | -60.34 | 5.08 |
| 20 | -33.3% | 14.06 | 21.08 | 66.6% | 14.936 | 8.964 | -1455.6% | -67.36 | 4.97 |
| 25 | -33.5% | 18.24 | 27.43 | 64.9% | 19.379 | 11.754 | -1429.5% | -66.06 | 4.97 |
| 30 | -33.9% | 21.07 | 31.86 | 65.2% | 22.661 | 13.716 | -1204.2% | -54.86 | 4.97 |
| 35 | -32.8% | 24.89 | 37.04 | 65.4% | 26.676 | 16.131 | -1252.2% | -57.81 | 5.02 |
| 40 | -31.9% | 27.02 | 39.65 | 68.4% | 28.996 | 17.222 | -1238.6% | -56.68 | 4.98 |
| 50 | -32.3% | 27.37 | 40.44 | 65.3% | 29.417 | 17.795 | -1200.2% | -55.66 | 5.06 |
| 60 | -32.3% | 27.78 | 41.06 | 64.8% | 29.919 | 18.157 | -1164.3% | -53.99 | 5.07 |
| 70 | -32.4% | 28.08 | 41.57 | 65.2% | 30.197 | 18.277 | -1195.5% | -55.34 | 5.05 |
| 80 | -32.6% | 28.33 | 42.02 | 65.7% | 30.540 | 18.434 | -1159.7% | -53.40 | 5.04 |
| 90 | -32.2% | 28.64 | 42.27 | 64.8% | 30.731 | 18.644 | -1224.4% | -56.97 | 5.07 |
| 100 | -32.6% | 28.85 | 42.82 | 65.7% | 30.971 | 18.693 | -1231.1% | -56.59 | 5.00 |
| 110 | -32.9% | 28.84 | 42.96 | 65.5% | 30.940 | 18.698 | -1242.7% | -56.95 | 4.98 |
| 120 | -32.7% | 28.93 | 42.97 | 65.5% | 30.934 | 18.690 | -1300.8% | -59.78 | 4.98 |
| 130 | -32.7% | 28.86 | 42.88 | 65.4% | 30.901 | 18.688 | -1276.7% | -58.79 | 5.00 |
| 140 | -32.6% | 28.92 | 42.92 | 65.9% | 31.009 | 18.693 | -1254.5% | -57.54 | 4.98 |
| 150 | -32.8% | 28.86 | 42.92 | 65.3% | 30.894 | 18.695 | -1277.6% | -58.80 | 4.99 |
| 160 | -32.7% | 28.85 | 42.86 | 66.0% | 31.031 | 18.695 | -1206.4% | -55.10 | 4.98 |
| 170 | -32.9% | 28.84 | 42.99 | 65.3% | 30.920 | 18.701 | -1255.8% | -57.53 | 4.98 |
| 180 | -32.7% | 28.86 | 42.89 | 65.8% | 30.980 | 18.690 | -1234.1% | -56.54 | 4.99 |
| 190 | -32.8% | 28.84 | 42.92 | 65.9% | 31.016 | 18.690 | -1204.8% | -55.01 | 4.98 |
| 200 | -32.8% | 28.87 | 42.92 | 65.9% | 31.002 | 18.687 | -1225.3% | -56.08 | 4.98 |