

Typical Performance Data

| FREQ. (MHz) | ON INSERTION LOSS (dB) (Ctrl1 @ 0V, Ctrl2 @ 5V) IN-OUT | | AMP UNBALANCE (dB) | | OFF ISOLATION (dB) (Ctrl1 @ 5V, Ctrl2 @ 0V) IN-OUT | | OFF ISOLATION (dB) DELTA | | IN | VSWR | |
|----------------|--|----------|-----------------------|----------|--|----------|--------------------------------|----------|------|------|------------------|
| | \bar{X} | σ | \bar{X} | σ | \bar{X} | σ | \bar{X} | σ | | OUT | OUT (RF1) OFF |
| 10.00 | 1.29 | 0.19 | 0.13 | 0.12 | 88.14 | 5.32 | 5.52 | 5.48 | 1.20 | 1.20 | 27.17 |
| 20.00 | 1.22 | 0.14 | 0.09 | 0.06 | 80.95 | 3.49 | 5.99 | 5.45 | 1.12 | 1.12 | 25.49 |
| 50.00 | 1.10 | 0.10 | 0.07 | 0.06 | 66.03 | 2.18 | 0.79 | 0.77 | 1.06 | 1.06 | 26.18 |
| 100.00 | 1.07 | 0.09 | 0.07 | 0.06 | 56.13 | 2.48 | 0.63 | 1.00 | 1.05 | 1.04 | 24.91 |
| 200.00 | 1.08 | 0.09 | 0.06 | 0.05 | 47.23 | 1.83 | 0.65 | 0.71 | 1.07 | 1.07 | 24.71 |
| 409.45 | 1.15 | 0.08 | 0.07 | 0.05 | 40.05 | 1.43 | 0.45 | 0.39 | 1.15 | 1.15 | 23.36 |
| 500.00 | 1.16 | 0.08 | 0.06 | 0.04 | 38.02 | 1.28 | 0.50 | 0.28 | 1.17 | 1.18 | 22.80 |
| 672.45 | 1.22 | 0.08 | 0.06 | 0.04 | 35.50 | 1.05 | 0.49 | 0.36 | 1.21 | 1.22 | 21.45 |
| 863.73 | 1.29 | 0.08 | 0.06 | 0.04 | 33.51 | 0.92 | 0.71 | 0.29 | 1.23 | 1.24 | 19.28 |
| 1000.00 | 1.32 | 0.07 | 0.05 | 0.03 | 29.59 | 0.41 | 3.76 | 0.96 | 1.23 | 1.24 | 19.05 |
| 1126.73 | 1.30 | 0.08 | 0.06 | 0.05 | 30.50 | 0.46 | 2.81 | 0.52 | 1.22 | 1.25 | 17.59 |
| 1246.27 | 1.30 | 0.07 | 0.07 | 0.06 | 30.00 | 0.41 | 3.80 | 0.53 | 1.19 | 1.24 | 17.26 |
| 1389.73 | 1.67 | 0.09 | 0.41 | 0.09 | 29.58 | 0.43 | 1.32 | 1.45 | 1.08 | 1.28 | 15.74 |
| 1581.00 | 1.35 | 0.07 | 0.05 | 0.04 | 29.04 | 0.47 | 0.58 | 0.46 | 1.12 | 1.13 | 14.86 |
| 1772.27 | 1.39 | 0.08 | 0.05 | 0.05 | 27.59 | 0.59 | 1.64 | 0.77 | 1.08 | 1.09 | 13.60 |
| 1987.45 | 1.43 | 0.07 | 0.05 | 0.04 | 27.44 | 0.74 | 2.62 | 0.92 | 1.09 | 1.11 | 12.58 |
| 2178.73 | 1.42 | 0.08 | 0.06 | 0.04 | 27.34 | 0.87 | 3.10 | 1.03 | 1.12 | 1.14 | 14.41 |
| 2370.00 | 1.51 | 0.09 | 0.08 | 0.05 | 26.88 | 1.06 | 3.36 | 1.25 | 1.16 | 1.19 | 12.24 |
| 2441.73 | 1.51 | 0.08 | 0.07 | 0.04 | 27.35 | 1.15 | 3.49 | 1.39 | 1.16 | 1.20 | 10.69 |
| 2500.00 | 1.56 | 0.09 | 0.08 | 0.06 | 26.81 | 1.21 | 3.44 | 1.50 | 1.17 | 1.21 | 11.44 |

