

Typical Performance Data

| FREQUENCY (MHz) | GAIN (dB) 5V | DIRECTIVITY (dB) 5V | VSWR (:1) | | NOISE FIGURE (dB) 5V | Pout @ 1 dB COMPRESSION (dBm) 5V | OUTPUT IP3 (dBm) 5V |
|--------------------|--------------------|---------------------------|-----------|-----------|----------------------------|---|---------------------------|
| | | | IN 5V | OUT 5V | | | |
| 400 | 47.38 | 6.65 | 1.28 | 1.65 | 0.29 | 18.45 | 33.88 |
| 450 | 45.82 | 6.77 | 1.23 | 1.59 | 0.25 | 18.61 | 33.85 |
| 500 | 44.35 | 6.84 | 1.19 | 1.54 | 0.32 | 18.56 | 34.14 |
| 550 | 42.96 | 6.86 | 1.18 | 1.50 | 0.26 | 18.54 | 34.77 |
| 600 | 41.65 | 6.99 | 1.17 | 1.46 | 0.26 | 18.65 | 34.69 |
| 650 | 40.42 | 7.06 | 1.17 | 1.42 | 0.36 | 18.46 | 34.89 |
| 700 | 39.26 | 7.10 | 1.18 | 1.39 | 0.32 | 18.42 | 35.03 |
| 750 | 38.17 | 7.18 | 1.20 | 1.36 | 0.34 | 18.66 | 35.61 |
| 800 | 37.13 | 7.22 | 1.21 | 1.34 | 0.34 | 18.42 | 35.65 |
| 850 | 36.16 | 7.25 | 1.23 | 1.31 | 0.37 | 18.28 | 35.65 |
| 900 | 35.24 | 7.29 | 1.25 | 1.29 | 0.36 | 18.30 | 35.99 |
| 950 | 34.36 | 7.32 | 1.27 | 1.28 | 0.34 | 18.48 | 36.04 |
| 1000 | 33.51 | 7.35 | 1.29 | 1.26 | 0.31 | 18.32 | 36.11 |
| 1050 | 32.71 | 7.52 | 1.31 | 1.24 | 0.35 | 17.91 | 36.08 |
| 1100 | 31.94 | 7.66 | 1.33 | 1.23 | 0.46 | 17.89 | 36.22 |
| 1150 | 31.21 | 7.77 | 1.34 | 1.21 | 0.41 | 18.14 | 36.35 |
| 1200 | 30.52 | 7.82 | 1.36 | 1.19 | 0.43 | 17.84 | 36.36 |
| 1250 | 29.86 | 7.85 | 1.37 | 1.18 | 0.42 | 17.72 | 36.63 |
| 1300 | 29.21 | 7.87 | 1.38 | 1.17 | 0.48 | 18.10 | 36.98 |
| 1350 | 28.59 | 7.86 | 1.39 | 1.15 | 0.44 | 17.75 | 36.48 |
| 1400 | 27.98 | 7.84 | 1.40 | 1.14 | 0.48 | 17.88 | 36.98 |
| 1450 | 27.39 | 7.81 | 1.40 | 1.13 | 0.52 | 17.94 | 37.18 |
| 1500 | 26.81 | 7.77 | 1.41 | 1.12 | 0.50 | 17.93 | 36.83 |
| 1550 | 26.23 | 7.90 | 1.40 | 1.11 | 0.51 | 17.33 | 36.52 |
| 1600 | 25.67 | 8.02 | 1.40 | 1.10 | 0.52 | 18.40 | 38.38 |
| 1650 | 25.10 | 8.15 | 1.39 | 1.09 | 0.59 | 17.84 | 38.11 |
| 1700 | 24.56 | 8.25 | 1.38 | 1.08 | 0.63 | 17.64 | 38.46 |
| 1750 | 24.05 | 8.33 | 1.36 | 1.07 | 0.69 | 17.81 | 39.01 |
| 1800 | 23.58 | 8.35 | 1.35 | 1.06 | 0.61 | 18.17 | 38.94 |
| 1850 | 23.16 | 8.33 | 1.34 | 1.06 | 0.71 | 18.02 | 38.08 |
| 1900 | 22.78 | 8.27 | 1.34 | 1.05 | 0.72 | 17.91 | 38.10 |
| 1950 | 22.44 | 8.17 | 1.35 | 1.05 | 0.71 | 18.09 | 38.24 |
| 2000 | 22.09 | 8.07 | 1.35 | 1.05 | 0.68 | 17.97 | 37.56 |
| 2050 | 21.71 | 8.17 | 1.35 | 1.06 | 0.64 | 18.28 | 38.74 |
| 2100 | 21.32 | 8.29 | 1.33 | 1.07 | 0.69 | 18.18 | 38.70 |
| 2150 | 20.93 | 8.39 | 1.33 | 1.08 | 0.71 | 17.96 | 38.34 |
| 2200 | 20.54 | 8.50 | 1.32 | 1.10 | 0.70 | 17.80 | 38.19 |
| 2250 | 20.16 | 8.60 | 1.31 | 1.11 | 0.77 | 17.94 | 39.08 |
| 2300 | 19.79 | 8.69 | 1.30 | 1.12 | 0.73 | 17.60 | 38.60 |
| 2350 | 19.41 | 8.79 | 1.30 | 1.14 | 0.77 | 17.25 | 38.87 |
| 2400 | 19.04 | 8.88 | 1.29 | 1.15 | 0.80 | 16.97 | 37.94 |
| 2450 | 18.67 | 8.97 | 1.29 | 1.16 | 0.83 | 16.92 | 38.78 |
| 2500 | 18.31 | 9.07 | 1.29 | 1.17 | 0.89 | 16.23 | 38.41 |
| 2550 | 17.95 | 9.25 | 1.29 | 1.18 | 0.99 | 15.79 | 38.34 |
| 2600 | 17.60 | 9.42 | 1.29 | 1.19 | 1.03 | 15.49 | 38.26 |
| 2650 | 17.24 | 9.59 | 1.29 | 1.20 | 1.07 | 15.20 | 37.91 |
| 2700 | 16.90 | 9.75 | 1.29 | 1.21 | 1.14 | 14.72 | 37.23 |
| 2750 | 16.57 | 9.91 | 1.30 | 1.21 | 1.16 | 14.23 | 36.72 |
| 2800 | 16.24 | 10.05 | 1.31 | 1.22 | 1.25 | 14.13 | 36.43 |
| 2850 | 15.93 | 10.19 | 1.31 | 1.23 | 1.25 | 13.94 | 36.19 |
| 2900 | 15.62 | 10.32 | 1.32 | 1.23 | 1.34 | 13.60 | 36.10 |
| 2950 | 15.32 | 10.43 | 1.33 | 1.24 | 1.29 | 13.44 | 36.08 |
| 3000 | 15.05 | 10.54 | 1.34 | 1.25 | 1.44 | 13.43 | 36.06 |