

Typical Performance Data

| FREQUENCY (MHz) | INSERTION LOSS (dB) | | | | | | ISOLATION (dB) | VSWR (:1) | | | | | | |
|--------------------|------------------------|-------|-------|-------|-------|-------|-------------------|--------------|-------|-------|-------|-------|-------|-------|
| | IN-J1 | IN-J2 | IN-J3 | IN-J4 | IN-J5 | IN-J6 | | IN | J1-ON | J2-ON | J3-ON | J4-ON | J5-ON | J6-ON |
| 1000 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 99.41 | 1.03 | 1.03 | 1.03 | 1.04 | 1.05 | 1.04 | 1.04 |
| 1200 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 118.97 | 1.03 | 1.03 | 1.04 | 1.04 | 1.05 | 1.04 | 1.04 |
| 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 105.29 | 1.04 | 1.04 | 1.04 | 1.05 | 1.06 | 1.05 | 1.05 |
| 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 104.18 | 1.04 | 1.04 | 1.05 | 1.05 | 1.06 | 1.05 | 1.05 |
| 1800 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 108.37 | 1.04 | 1.04 | 1.05 | 1.05 | 1.07 | 1.05 | 1.05 |
| 2000 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 116.10 | 1.04 | 1.04 | 1.05 | 1.05 | 1.07 | 1.05 | 1.06 |
| 2200 | 0.06 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 109.06 | 1.04 | 1.04 | 1.04 | 1.05 | 1.07 | 1.05 | 1.06 |
| 2400 | 0.06 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 108.67 | 1.04 | 1.04 | 1.04 | 1.05 | 1.07 | 1.05 | 1.05 |
| 2500 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 113.94 | 1.03 | 1.04 | 1.04 | 1.05 | 1.07 | 1.05 | 1.06 |
| 2600 | 0.07 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 111.12 | 1.03 | 1.04 | 1.04 | 1.04 | 1.06 | 1.05 | 1.06 |
| 2800 | 0.07 | 0.07 | 0.06 | 0.06 | 0.07 | 0.07 | 108.50 | 1.03 | 1.04 | 1.03 | 1.04 | 1.06 | 1.05 | 1.05 |
| 3000 | 0.07 | 0.07 | 0.06 | 0.06 | 0.07 | 0.07 | 105.04 | 1.02 | 1.03 | 1.03 | 1.04 | 1.05 | 1.04 | 1.05 |
| 3200 | 0.07 | 0.07 | 0.07 | 0.06 | 0.07 | 0.06 | 115.33 | 1.02 | 1.03 | 1.02 | 1.03 | 1.05 | 1.04 | 1.05 |
| 3400 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 115.15 | 1.02 | 1.03 | 1.02 | 1.03 | 1.05 | 1.03 | 1.04 |
| 3600 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 108.69 | 1.02 | 1.03 | 1.01 | 1.03 | 1.04 | 1.03 | 1.04 |
| 3800 | 0.09 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 112.01 | 1.02 | 1.02 | 1.01 | 1.02 | 1.04 | 1.03 | 1.03 |
| 4000 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 134.23 | 1.02 | 1.02 | 1.01 | 1.02 | 1.04 | 1.03 | 1.03 |
| 4200 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 109.88 | 1.02 | 1.02 | 1.01 | 1.02 | 1.04 | 1.03 | 1.03 |
| 4400 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 111.60 | 1.02 | 1.02 | 1.01 | 1.02 | 1.04 | 1.03 | 1.03 |
| 4550 | 0.10 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 105.44 | 1.02 | 1.02 | 1.01 | 1.02 | 1.04 | 1.03 | 1.03 |
| 4600 | 0.09 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 114.75 | 1.02 | 1.02 | 1.01 | 1.02 | 1.04 | 1.03 | 1.04 |
| 4800 | 0.10 | 0.10 | 0.09 | 0.08 | 0.09 | 0.09 | 111.59 | 1.02 | 1.02 | 1.02 | 1.02 | 1.05 | 1.03 | 1.04 |
| 5000 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 107.38 | 1.02 | 1.02 | 1.02 | 1.03 | 1.05 | 1.03 | 1.04 |
| 5200 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 117.30 | 1.03 | 1.03 | 1.03 | 1.03 | 1.06 | 1.04 | 1.05 |
| 5400 | 0.10 | 0.10 | 0.10 | 0.09 | 0.10 | 0.09 | 116.56 | 1.04 | 1.03 | 1.04 | 1.04 | 1.07 | 1.05 | 1.06 |
| 5500 | 0.10 | 0.10 | 0.10 | 0.09 | 0.10 | 0.10 | 118.76 | 1.05 | 1.03 | 1.05 | 1.05 | 1.08 | 1.05 | 1.06 |
| 5600 | 0.11 | 0.10 | 0.10 | 0.09 | 0.10 | 0.10 | 108.61 | 1.05 | 1.04 | 1.05 | 1.05 | 1.08 | 1.06 | 1.06 |
| 5800 | 0.11 | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 106.91 | 1.06 | 1.05 | 1.06 | 1.06 | 1.09 | 1.07 | 1.07 |
| 6000 | 0.11 | 0.11 | 0.10 | 0.10 | 0.11 | 0.10 | 109.45 | 1.07 | 1.06 | 1.07 | 1.07 | 1.11 | 1.08 | 1.09 |
| 6200 | 0.11 | 0.11 | 0.11 | 0.10 | 0.11 | 0.11 | 102.21 | 1.08 | 1.07 | 1.09 | 1.08 | 1.12 | 1.09 | 1.09 |
| 6400 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 | 117.85 | 1.09 | 1.08 | 1.10 | 1.09 | 1.13 | 1.10 | 1.10 |
| 6600 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 103.11 | 1.11 | 1.09 | 1.11 | 1.11 | 1.15 | 1.11 | 1.12 |
| 6800 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.12 | 110.48 | 1.12 | 1.10 | 1.12 | 1.12 | 1.16 | 1.13 | 1.13 |
| 7000 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 102.15 | 1.13 | 1.11 | 1.13 | 1.13 | 1.18 | 1.13 | 1.14 |
| 7200 | 0.13 | 0.13 | 0.14 | 0.14 | 0.13 | 0.13 | 101.77 | 1.14 | 1.12 | 1.14 | 1.14 | 1.18 | 1.14 | 1.15 |
| 7400 | 0.13 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 107.96 | 1.14 | 1.13 | 1.15 | 1.15 | 1.19 | 1.15 | 1.16 |
| 7500 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 96.47 | 1.15 | 1.13 | 1.15 | 1.16 | 1.20 | 1.15 | 1.16 |
| 7600 | 0.14 | 0.14 | 0.14 | 0.15 | 0.13 | 0.13 | 99.86 | 1.15 | 1.14 | 1.15 | 1.16 | 1.20 | 1.16 | 1.17 |
| 7800 | 0.14 | 0.14 | 0.15 | 0.15 | 0.14 | 0.14 | 111.36 | 1.16 | 1.14 | 1.16 | 1.17 | 1.21 | 1.16 | 1.17 |
| 8000 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 101.41 | 1.16 | 1.14 | 1.16 | 1.18 | 1.21 | 1.17 | 1.18 |
| 8200 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 103.77 | 1.16 | 1.15 | 1.16 | 1.18 | 1.21 | 1.17 | 1.18 |
| 8400 | 0.15 | 0.15 | 0.16 | 0.16 | 0.15 | 0.15 | 108.45 | 1.16 | 1.15 | 1.16 | 1.18 | 1.21 | 1.17 | 1.19 |
| 8600 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 99.85 | 1.16 | 1.15 | 1.15 | 1.18 | 1.21 | 1.17 | 1.19 |
| 8800 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 110.06 | 1.16 | 1.15 | 1.15 | 1.19 | 1.21 | 1.17 | 1.19 |
| 9000 | 0.16 | 0.15 | 0.16 | 0.16 | 0.15 | 0.15 | 101.34 | 1.15 | 1.15 | 1.14 | 1.18 | 1.21 | 1.17 | 1.19 |
| 9200 | 0.16 | 0.16 | 0.16 | 0.16 | 0.15 | 0.16 | 98.92 | 1.15 | 1.15 | 1.14 | 1.18 | 1.20 | 1.17 | 1.19 |
| 9400 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 97.60 | 1.15 | 1.15 | 1.13 | 1.18 | 1.20 | 1.17 | 1.19 |
| 9600 | 0.16 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 101.23 | 1.14 | 1.15 | 1.12 | 1.17 | 1.20 | 1.17 | 1.19 |
| 9800 | 0.16 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 104.22 | 1.14 | 1.14 | 1.12 | 1.17 | 1.19 | 1.17 | 1.19 |
| 10000 | 0.16 | 0.15 | 0.16 | 0.15 | 0.16 | 0.16 | 93.14 | 1.13 | 1.14 | 1.11 | 1.16 | 1.18 | 1.16 | 1.18 |
| 10200 | 0.16 | 0.15 | 0.16 | 0.15 | 0.15 | 0.16 | 93.55 | 1.13 | 1.14 | 1.10 | 1.15 | 1.18 | 1.16 | 1.18 |
| 10400 | 0.16 | 0.15 | 0.16 | 0.15 | 0.15 | 0.16 | 96.67 | 1.12 | 1.13 | 1.09 | 1.14 | 1.17 | 1.16 | 1.17 |
| 10600 | 0.16 | 0.15 | 0.16 | 0.15 | 0.15 | 0.16 | 97.75 | 1.12 | 1.13 | 1.08 | 1.14 | 1.16 | 1.16 | 1.17 |
| 10800 | 0.16 | 0.15 | 0.16 | 0.15 | 0.15 | 0.15 | 98.95 | 1.11 | 1.12 | 1.07 | 1.12 | 1.15 | 1.15 | 1.15 |
| 11000 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 91.84 | 1.10 | 1.11 | 1.06 | 1.11 | 1.14 | 1.14 | 1.14 |
| 11200 | 0.16 | 0.16 | 0.16 | 0.14 | 0.15 | 0.15 | 101.74 | 1.09 | 1.11 | 1.05 | 1.11 | 1.12 | 1.13 | 1.13 |
| 11400 | 0.16 | 0.16 | 0.15 | 0.14 | 0.15 | 0.15 | 97.34 | 1.08 | 1.10 | 1.04 | 1.09 | 1.11 | 1.12 | 1.11 |
| 11600 | 0.16 | 0.16 | 0.15 | 0.14 | 0.14 | 0.15 | 106.41 | 1.07 | 1.08 | 1.03 | 1.08 | 1.09 | 1.11 | 1.10 |
| 11800 | 0.16 | 0.16 | 0.16 | 0.14 | 0.15 | 0.15 | 97.70 | 1.06 | 1.06 | 1.01 | 1.06 | 1.07 | 1.10 | 1.08 |
| 12000 | 0.16 | 0.16 | 0.16 | 0.14 | 0.15 | 0.15 | 95.49 | 1.04 | 1.05 | 1.00 | 1.05 | 1.05 | 1.08 | 1.06 |
| 12200 | 0.16 | 0.16 | 0.16 | 0.14 | 0.14 | 0.15 | 97.61 | 1.03 | 1.03 | 1.02 | 1.04 | 1.03 | 1.06 | 1.04 |
| 12400 | 0.16 | 0.17 | 0.16 | 0.14 | 0.14 | 0.15 | 93.94 | 1.02 | 1.02 | 1.03 | 1.05 | 1.02 | 1.05 | 1.02 |
| 12600 | 0.17 | 0.17 | 0.17 | 0.14 | 0.14 | 0.15 | 98.49 | 1.02 | 1.02 | 1.05 | 1.06 | 1.03 | 1.05 | 1.03 |
| 12800 | 0.17 | 0.18 | 0.17 | 0.15 | 0.15 | 0.16 | 93.41 | 1.03 | 1.04 | 1.07 | 1.07 | 1.05 | 1.04 | 1.05 |
| 13000 | 0.18 | 0.19 | 0.18 | 0.15 | 0.16 | 0.17 | 91.68 | 1.05 | 1.06 | 1.09 | 1.09 | 1.07 | 1.05 | 1.08 |
| 13005 | 0.18 | 0.19 | 0.18 | 0.15 | 0.16 | 0.17 | 92.38 | 1.05 | 1.06 | 1.09 | 1.09 | 1.08 | 1.05 | 1.08 |
| 13400 | 0.20 | 0.21 | 0.21 | 0.17 | 0.17 | 0.19 | 90.48 | 1.09 | 1.11 | 1.14 | 1.14 | 1.12 | 1.10 | 1.13 |
| 13500 | 0.21 | 0.22 | 0.22 | 0.18 | 0.18 | 0.19 | 93.71 | 1.11 | 1.13 | 1.15 | 1.15 | 1.13 | 1.11 | 1.14 |
| 14000 | 0.25 | 0.25 | 0.26 | 0.20 | 0.21 | 0.22 | 91.98 | 1.19 | 1.21 | 1.24 | 1.22 | 1.20 | 1.18 | 1.21 |
| 14500 | 0.29 | 0.28 | 0.29 | 0.23 | 0.24 | 0.25 | 98.25 | 1.28 | 1.30 | 1.34 | 1.30 | 1.26 | 1.26 | 1.28 |
| 15000 | 0.32 | 0.33 | 0.32 | 0.26 | 0.27 | 0.27 | 99.05 | 1.39 | 1.38 | 1.46 | 1.38 | 1.33 | 1.35 | 1.34 |