

## Typical Performance Data

| FREQ. | INSERTION LOSS |       |         | INPUT VSWR |       |         | OUTPUT VSWR |       |         |
|-------|----------------|-------|---------|------------|-------|---------|-------------|-------|---------|
| (MHz) | (dB)           |       |         | (:1)       |       |         | (:1)        |       |         |
|       | @-55°C         | @25°C | @+105°C | @-55°C     | @25°C | @+105°C | @-55°C      | @25°C | @+105°C |
| 10    | 3.79           | 3.97  | 3.99    | 1.18       | 1.18  | 1.18    | 1.18        | 1.18  | 1.18    |
| 100   | 3.79           | 3.98  | 3.99    | 1.10       | 1.10  | 1.10    | 1.10        | 1.10  | 1.10    |
| 500   | 3.80           | 4.00  | 4.01    | 1.09       | 1.09  | 1.09    | 1.09        | 1.09  | 1.09    |
| 1000  | 3.81           | 4.00  | 4.00    | 1.09       | 1.09  | 1.09    | 1.09        | 1.09  | 1.09    |
| 2000  | 3.81           | 4.00  | 4.01    | 1.10       | 1.10  | 1.10    | 1.09        | 1.09  | 1.10    |
| 3000  | 3.78           | 3.96  | 3.97    | 1.12       | 1.12  | 1.12    | 1.11        | 1.12  | 1.13    |
| 4000  | 3.74           | 3.91  | 3.92    | 1.13       | 1.13  | 1.13    | 1.14        | 1.14  | 1.15    |
| 5000  | 3.68           | 3.87  | 3.87    | 1.13       | 1.12  | 1.12    | 1.16        | 1.15  | 1.15    |
| 6000  | 3.62           | 3.81  | 3.82    | 1.13       | 1.13  | 1.13    | 1.17        | 1.15  | 1.16    |
| 7000  | 3.55           | 3.75  | 3.76    | 1.17       | 1.16  | 1.17    | 1.19        | 1.18  | 1.18    |
| 8000  | 3.46           | 3.66  | 3.67    | 1.21       | 1.21  | 1.21    | 1.22        | 1.22  | 1.21    |
| 9000  | 3.32           | 3.51  | 3.50    | 1.20       | 1.19  | 1.19    | 1.20        | 1.19  | 1.18    |
| 10000 | 3.15           | 3.34  | 3.33    | 1.11       | 1.10  | 1.09    | 1.10        | 1.09  | 1.07    |
| 11000 | 3.01           | 3.21  | 3.21    | 1.09       | 1.06  | 1.06    | 1.06        | 1.03  | 1.05    |
| 12000 | 2.92           | 3.10  | 3.10    | 1.20       | 1.14  | 1.13    | 1.17        | 1.13  | 1.12    |
| 13000 | 2.76           | 2.94  | 2.93    | 1.21       | 1.16  | 1.12    | 1.18        | 1.15  | 1.12    |
| 14000 | 2.55           | 2.73  | 2.70    | 1.16       | 1.12  | 1.09    | 1.11        | 1.11  | 1.07    |
| 15000 | 2.35           | 2.52  | 2.50    | 1.15       | 1.10  | 1.10    | 1.10        | 1.09  | 1.08    |
| 16000 | 2.16           | 2.33  | 2.33    | 1.18       | 1.16  | 1.14    | 1.16        | 1.14  | 1.12    |
| 17000 | 1.95           | 2.12  | 2.14    | 1.19       | 1.16  | 1.14    | 1.17        | 1.15  | 1.12    |
| 18000 | 1.71           | 1.89  | 1.90    | 1.11       | 1.06  | 1.04    | 1.10        | 1.06  | 1.03    |
| 19000 | 1.49           | 1.67  | 1.69    | 1.09       | 1.10  | 1.13    | 1.07        | 1.09  | 1.11    |
| 20000 | 1.34           | 1.52  | 1.54    | 1.31       | 1.24  | 1.24    | 1.28        | 1.20  | 1.20    |
| 21000 | 1.24           | 1.37  | 1.38    | 1.42       | 1.30  | 1.24    | 1.35        | 1.25  | 1.18    |
| 22000 | 1.08           | 1.21  | 1.22    | 1.32       | 1.26  | 1.20    | 1.21        | 1.20  | 1.12    |
| 23000 | 0.86           | 1.04  | 1.06    | 1.23       | 1.21  | 1.18    | 1.13        | 1.16  | 1.14    |
| 24000 | 0.70           | 0.88  | 0.94    | 1.22       | 1.18  | 1.20    | 1.16        | 1.15  | 1.20    |
| 25000 | 0.61           | 0.78  | 0.87    | 1.28       | 1.23  | 1.27    | 1.21        | 1.20  | 1.25    |
| 26000 | 0.49           | 0.72  | 0.80    | 1.25       | 1.27  | 1.28    | 1.15        | 1.22  | 1.23    |
| 27000 | 0.41           | 0.66  | 0.73    | 1.21       | 1.26  | 1.22    | 1.15        | 1.20  | 1.17    |
| 28000 | 0.44           | 0.62  | 0.68    | 1.19       | 1.20  | 1.16    | 1.21        | 1.18  | 1.13    |
| 29000 | 0.47           | 0.63  | 0.69    | 1.18       | 1.16  | 1.11    | 1.21        | 1.19  | 1.16    |
| 30000 | 0.44           | 0.66  | 0.70    | 1.20       | 1.23  | 1.20    | 1.23        | 1.25  | 1.24    |
| 31000 | 0.56           | 0.74  | 0.85    | 1.43       | 1.33  | 1.36    | 1.42        | 1.35  | 1.41    |
| 32000 | 0.70           | 0.85  | 1.00    | 1.58       | 1.36  | 1.42    | 1.54        | 1.39  | 1.47    |
| 33000 | 0.67           | 0.91  | 0.97    | 1.51       | 1.37  | 1.38    | 1.36        | 1.33  | 1.33    |
| 34000 | 0.72           | 0.97  | 0.96    | 1.41       | 1.34  | 1.31    | 1.12        | 1.17  | 1.09    |
| 35000 | 0.97           | 1.17  | 1.14    | 1.36       | 1.35  | 1.34    | 1.04        | 1.04  | 1.10    |
| 36000 | 1.14           | 1.32  | 1.35    | 1.37       | 1.33  | 1.31    | 1.19        | 1.17  | 1.18    |
| 37000 | 1.31           | 1.50  | 1.59    | 1.40       | 1.25  | 1.20    | 1.26        | 1.19  | 1.11    |
| 38000 | 1.41           | 1.63  | 1.72    | 1.23       | 1.08  | 1.04    | 1.16        | 1.07  | 1.09    |
| 39000 | 1.59           | 1.84  | 1.92    | 1.29       | 1.21  | 1.26    | 1.27        | 1.25  | 1.32    |
| 40000 | 1.83           | 2.05  | 2.06    | 1.45       | 1.35  | 1.38    | 1.41        | 1.37  | 1.40    |