

| Typical Performance Data @ +25°C | | | | | | | | |
|----------------------------------|--------------|---------------------|------------------|-------|-------------------------------------|-----------------------------|---------------------|----------------------|
| FREQUENCY (GHz) | GAIN (dB) | DIRECTIVITY (dB) | RETURN LOSS (dB) | | Pout @ 1 dB COMPRESSION (dBm) | Pout at SATURATION (dBm) | Output IP3 (dBm) | Noise Figure (dB) |
| | | | IN | OUT | | | | |
| 18 | 45.88 | 35.78 | 18.54 | 16.97 | 27.12 | 29.84 | 35.70 | 4.23 |
| 19 | 46.76 | 39.45 | 20.45 | 17.04 | 28.57 | 29.85 | 38.40 | 4.38 |
| 20 | 46.72 | 41.19 | 20.73 | 17.46 | 29.68 | 30.71 | 39.92 | 4.37 |
| 21 | 46.16 | 41.19 | 19.71 | 17.70 | 30.68 | 31.39 | 41.12 | 4.45 |
| 22 | 45.61 | 40.38 | 19.73 | 19.88 | 30.51 | 31.08 | 42.06 | 4.51 |
| 23 | 44.95 | 42.57 | 22.28 | 20.21 | 29.96 | 30.64 | 42.74 | 4.55 |
| 24 | 44.39 | 43.45 | 24.21 | 18.20 | 30.82 | 32.32 | 41.53 | 4.56 |
| 25 | 43.91 | 47.45 | 23.53 | 16.59 | 30.81 | 33.27 | 42.32 | 4.57 |
| 26 | 43.48 | 44.18 | 26.37 | 17.15 | 31.08 | 32.98 | 42.47 | 4.77 |
| 27 | 43.40 | 36.12 | 32.04 | 19.81 | 31.34 | 33.11 | 44.59 | 4.96 |
| 28 | 43.71 | 32.62 | 28.06 | 18.75 | 31.67 | 33.20 | 45.25 | 5.20 |
| 29 | 44.10 | 30.83 | 18.62 | 17.94 | 31.78 | 33.28 | 44.66 | 5.34 |
| 30 | 44.49 | 31.83 | 14.91 | 19.31 | 31.55 | 33.15 | 44.83 | 5.34 |
| 31 | 45.13 | 30.96 | 14.28 | 23.34 | 31.03 | 32.90 | 43.32 | 5.52 |
| 32 | 45.78 | 32.72 | 13.98 | 22.90 | 31.27 | 32.97 | 43.05 | 5.67 |
| 33 | 46.15 | 30.78 | 13.33 | 17.65 | 30.98 | 32.82 | 42.10 | 5.77 |
| 34 | 46.71 | 29.58 | 13.87 | 15.72 | 30.57 | 32.51 | 42.23 | 5.86 |
| 35 | 47.56 | 25.79 | 14.68 | 16.31 | 30.72 | 32.30 | 43.15 | 5.95 |
| 36 | 47.61 | 27.73 | 13.12 | 18.07 | 30.71 | 32.27 | 46.31 | 6.16 |
| 37 | 46.83 | 29.22 | 13.97 | 18.25 | 30.73 | 31.88 | 45.22 | 6.39 |
| 38 | 45.84 | 29.58 | 17.71 | 15.53 | 30.38 | 31.65 | 45.63 | 6.32 |
| 39 | 44.87 | 26.33 | 23.01 | 14.35 | 30.12 | 31.45 | 42.82 | 6.36 |
| 40 | 44.12 | 29.69 | 20.85 | 13.73 | 29.66 | 31.29 | 41.36 | 6.49 |
| 41 | 43.81 | 30.42 | 17.15 | 14.04 | 29.62 | 31.22 | 39.97 | 6.50 |
| 42 | 44.17 | 26.67 | 15.50 | 13.70 | 28.74 | 30.52 | 39.07 | 7.14 |
| 43 | 44.80 | 26.88 | 16.08 | 12.51 | 27.30 | 29.94 | 37.21 | 6.98 |
| 44 | 44.95 | 26.41 | 12.26 | 13.35 | 26.65 | 29.28 | 37.79 | 7.32 |
| 45 | 45.19 | 24.56 | 9.92 | 13.48 | 26.60 | 28.06 | 38.22 | 7.24 |

| Typical Gain over Temperature | | | | | |
|-------------------------------|-------|-------|-------|-------|-------|
| FREQUENCY (GHz) | GAIN | | | | |
| | -20°C | 0°C | +25°C | +35°C | +60°C |
| 18 | 45.88 | 45.26 | 45.25 | 44.67 | 45.25 |
| 19 | 46.76 | 46.08 | 46.08 | 45.47 | 46.03 |
| 20 | 46.72 | 46.06 | 46.09 | 45.48 | 45.94 |
| 21 | 46.16 | 45.55 | 45.63 | 45.03 | 45.41 |
| 22 | 45.61 | 45.06 | 45.15 | 44.57 | 44.90 |
| 23 | 44.95 | 44.46 | 44.56 | 44.01 | 44.32 |
| 24 | 44.39 | 43.94 | 44.02 | 43.51 | 43.83 |
| 25 | 43.91 | 43.55 | 43.69 | 43.21 | 43.50 |
| 26 | 43.48 | 43.22 | 43.47 | 42.99 | 43.27 |
| 27 | 43.40 | 43.25 | 43.60 | 43.12 | 43.46 |
| 28 | 43.71 | 43.68 | 44.08 | 43.61 | 44.00 |
| 29 | 44.10 | 44.17 | 44.57 | 44.13 | 44.47 |
| 30 | 44.49 | 44.63 | 45.00 | 44.56 | 44.84 |
| 31 | 45.13 | 45.32 | 45.51 | 45.07 | 45.27 |
| 32 | 45.78 | 46.08 | 46.18 | 45.78 | 45.83 |
| 33 | 46.15 | 46.54 | 46.87 | 46.48 | 46.34 |
| 34 | 46.71 | 47.01 | 47.32 | 46.92 | 46.65 |
| 35 | 47.56 | 47.82 | 47.64 | 47.23 | 46.80 |
| 36 | 47.61 | 48.09 | 47.79 | 47.35 | 46.70 |
| 37 | 46.83 | 47.60 | 47.86 | 47.34 | 46.54 |
| 38 | 45.84 | 46.76 | 47.50 | 46.96 | 46.08 |
| 39 | 44.87 | 45.90 | 46.75 | 46.23 | 45.29 |
| 40 | 44.12 | 45.20 | 46.38 | 45.82 | 44.88 |
| 41 | 43.81 | 44.77 | 46.43 | 45.81 | 44.96 |
| 42 | 44.17 | 44.84 | 47.03 | 46.38 | 45.51 |
| 43 | 44.80 | 45.21 | 47.85 | 47.21 | 45.88 |
| 44 | 44.95 | 45.34 | 47.56 | 46.84 | 45.50 |
| 45 | 45.19 | 45.25 | 46.92 | 46.09 | 44.87 |