

| Typical Performance Data | | | | | ZVA-503GX+ | | |
|--------------------------|-------|-------------|------------------|-------|-------------------------|--------------|-------|
| FREQUENCY | GAIN | DIRECTIVITY | RETURN LOSS (dB) | | Pout @ 1 dB COMPRESSION | NOISE FIGURE | OIP3 |
| (GHz) | (dB) | (dB) | IN | OUT | (dBm) | (dB) | dBm |
| 0.01 | 13.06 | 63.03 | 12.75 | 28.61 | 13.0 | 13.7 | 19.37 |
| 2 | 12.90 | 55.39 | 13.53 | 17.17 | 13.2 | 4.0 | 24.87 |
| 4 | 13.02 | 47.91 | 16.81 | 12.54 | 13.8 | 3.7 | 25.44 |
| 6 | 12.76 | 45.08 | 23.42 | 11.13 | 14.2 | 3.8 | 25.39 |
| 8 | 12.36 | 42.54 | 14.80 | 12.21 | 14.1 | 3.7 | 25.61 |
| 10 | 12.14 | 39.34 | 12.33 | 17.01 | 13.6 | 3.4 | 25.19 |
| 12 | 12.14 | 36.13 | 13.78 | 16.88 | 13.2 | 3.2 | 24.52 |
| 14 | 12.22 | 32.97 | 18.34 | 13.37 | 13.5 | 3.0 | 25.09 |
| 16 | 12.34 | 30.01 | 27.00 | 16.54 | 13.2 | 3.1 | 24.21 |
| 18 | 12.17 | 29.18 | 23.36 | 36.76 | 12.7 | 3.4 | 24.32 |
| 20 | 11.74 | 29.38 | 16.00 | 16.17 | 12.8 | 3.6 | 24.09 |
| 22 | 11.08 | 29.41 | 10.44 | 12.03 | 12.2 | 3.8 | 23.13 |
| 24 | 11.21 | 27.88 | 12.89 | 11.19 | 11.5 | 4.1 | 22.24 |
| 26 | 11.59 | 26.09 | 18.69 | 15.09 | 10.8 | 4.3 | 20.58 |
| 28 | 11.20 | 25.89 | 13.14 | 17.73 | 10.4 | 4.5 | 21.22 |
| 30 | 10.80 | 25.70 | 11.33 | 12.51 | 10.6 | 4.5 | 20.68 |
| 32 | 11.45 | 23.62 | 17.29 | 15.71 | 11.3 | 4.6 | 21.79 |
| 34 | 11.78 | 22.74 | 25.89 | 20.03 | 11.1 | 4.7 | 21.55 |
| 36 | 11.31 | 24.23 | 12.76 | 20.94 | 10.7 | 4.7 | 22.37 |
| 38 | 10.98 | 24.22 | 13.81 | 11.39 | 11.0 | 4.9 | 21.13 |
| 40 | 11.64 | 20.22 | 18.42 | 17.76 | 10.7 | 5.1 | 19.28 |
| 42 | 11.56 | 18.56 | 19.93 | 17.99 | 10.1 | 5.5 | 18.51 |
| 44 | 11.24 | 18.18 | 14.98 | 15.02 | 9.5 | 6.1 | 17.70 |
| 46 | 10.83 | 17.77 | 12.01 | 16.22 | 8.3 | 6.9 | 14.26 |
| 48 | 10.73 | 16.60 | 10.70 | 15.94 | 6.1 | 7.1 | 13.49 |
| 50 | 10.01 | 16.42 | 12.96 | 13.58 | 6.0 | 7.7 | 12.66 |