

Wideband Amplifier

ZVE-453G+

Typical Performance Data

| FREQ. (MHz) | GAIN (dB) 15V | DIRECTIVITY (dB) 15V | VSWR (:1) | | Pout @ 1 dB COMPRESSION (dBm) 15V | Pout @ SATURATION (dBm) 15V | OUTUPUT IP3 (dBm) 15V |
|----------------|---------------------|----------------------------|--------------|------------|--|--------------------------------------|--------------------------------|
| | | | IN 15V | OUT 15V | | | |
| 18000 | 37.53 | 52.70 | 1.64 | 1.27 | 23.72 | 26.59 | 34.24 |
| 19000 | 38.75 | 46.77 | 1.45 | 1.08 | 25.30 | 27.50 | 35.70 |
| 20000 | 39.68 | 47.79 | 1.23 | 1.21 | 26.35 | 27.87 | 36.56 |
| 21000 | 40.90 | 42.65 | 1.03 | 1.19 | 26.86 | 28.20 | 37.32 |
| 22000 | 42.07 | 39.45 | 1.15 | 1.22 | 27.35 | 28.29 | 36.78 |
| 23000 | 42.76 | 38.30 | 1.16 | 1.34 | 27.12 | 27.62 | 37.40 |
| 24000 | 42.36 | 37.70 | 1.06 | 1.56 | 27.98 | 28.63 | 38.29 |
| 25000 | 41.41 | 38.54 | 1.13 | 1.25 | 28.83 | 29.82 | 39.09 |
| 26000 | 40.45 | 39.12 | 1.31 | 1.21 | 28.97 | 30.18 | 39.75 |
| 27000 | 39.98 | 35.71 | 1.51 | 1.43 | 29.16 | 30.32 | 41.08 |
| 28000 | 40.42 | 36.53 | 1.53 | 1.32 | 29.24 | 30.35 | 39.19 |
| 29000 | 41.23 | 34.23 | 1.39 | 1.22 | 29.35 | 30.35 | 39.98 |
| 30000 | 41.40 | 40.45 | 1.30 | 1.20 | 29.38 | 30.34 | 39.30 |
| 31000 | 40.31 | 40.43 | 1.37 | 1.35 | 29.59 | 30.34 | 40.75 |
| 32000 | 39.91 | 38.20 | 1.28 | 1.26 | 29.37 | 30.18 | 39.49 |
| 33000 | 40.82 | 45.79 | 1.08 | 1.36 | 29.04 | 29.98 | 41.13 |
| 34000 | 41.53 | 45.64 | 1.12 | 1.28 | 28.59 | 29.51 | 42.22 |
| 35000 | 41.73 | 52.89 | 1.26 | 1.02 | 28.25 | 29.15 | 44.66 |
| 36000 | 41.63 | 41.93 | 1.41 | 1.23 | 28.19 | 28.95 | 43.81 |
| 37000 | 41.62 | 45.28 | 1.45 | 1.34 | 27.56 | 28.58 | 39.92 |
| 38000 | 41.90 | 36.83 | 1.30 | 1.33 | 27.24 | 28.10 | 38.29 |
| 39000 | 42.35 | 41.26 | 1.13 | 1.37 | 26.83 | 27.94 | 37.68 |
| 40000 | 42.87 | 41.69 | 1.10 | 1.63 | 26.27 | 27.51 | 38.04 |
| 41000 | 43.17 | 45.17 | 1.05 | 1.74 | 25.79 | 27.39 | 38.07 |
| 42000 | 43.23 | 38.23 | 1.21 | 1.51 | 25.60 | 27.29 | 38.39 |
| 43000 | 43.61 | 37.61 | 1.28 | 1.54 | 25.29 | 27.29 | 38.89 |
| 44000 | 43.37 | 35.46 | 1.05 | 1.62 | 24.93 | 27.13 | 39.13 |
| 45000 | 41.81 | 37.42 | 1.06 | 1.66 | 24.97 | 26.62 | 37.04 |