

# Wideband Amplifier

# ZVE-453HP+

## 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	38.95	56.99	1.56	1.30	26.89	29.23	35.57
19000	39.33	58.10	1.48	1.21	28.19	30.23	39.18
20000	39.21	57.09	1.36	1.17	29.25	30.49	40.46
21000	38.74	53.83	1.27	1.17	30.31	31.04	40.71
22000	38.14	50.93	1.20	1.21	30.68	31.09	41.45
23000	37.50	56.69	1.09	1.30	29.81	30.14	41.64
24000	36.85	53.88	1.10	1.31	30.28	31.30	40.20
25000	36.49	49.75	1.21	1.19	30.24	32.22	41.60
26000	36.48	48.10	1.27	1.14	30.70	32.03	42.86
27000	36.80	46.04	1.23	1.21	31.10	32.47	45.85
28000	37.39	47.62	1.22	1.22	31.32	32.67	42.48
29000	38.15	47.45	1.16	1.05	31.09	32.68	44.73
30000	39.08	46.57	1.04	1.26	30.81	32.64	41.07
31000	39.73	48.15	1.08	1.20	30.78	32.66	40.95
32000	39.93	43.81	1.12	1.18	30.96	32.57	44.08
33000	39.66	51.30	1.05	1.22	30.64	32.37	41.05
34000	39.81	45.16	1.23	1.25	30.39	32.06	40.58
35000	40.71	45.08	1.48	1.30	30.21	31.87	41.72
36000	41.58	42.67	1.43	1.43	30.69	31.84	40.16
37000	41.64	44.83	1.09	1.60	30.67	31.74	44.22
38000	40.80	41.80	1.21	1.69	30.57	31.54	43.23
39000	39.83	50.34	1.33	1.67	30.35	31.42	38.76
40000	39.53	48.21	1.33	1.62	30.16	31.35	41.06
41000	39.92	40.01	1.58	1.60	29.84	31.12	39.68
42000	40.67	39.41	1.58	1.61	29.23	30.87	39.23
43000	41.10	36.41	1.17	1.68	28.48	30.48	37.62
44000	41.04	37.01	1.31	1.60	27.79	29.88	38.53
45000	40.85	38.74	1.85	1.40	27.18	29.16	37.82