

# Amplifier

# ZHL-5W-1+

## Typical Performance Data

FREQUENCY (MHz)	GAIN			VSWR IN	VSWR OUT	Pout at 1dB Comp. (dBm)	FREQUENCY (MHz)	NOISE FIGURE (dB)
	23V	24V	25V	(:1) 24V	(:1) 24V	24V		
5.0	44.82	44.80	44.79	1.41	2.24	38.75	10.00	4.67
10.0	45.77	45.76	45.71	1.18	2.22	39.69	100.00	3.79
50.0	45.99	45.96	45.93	1.12	2.22	39.68	200.00	3.87
100.0	46.37	46.40	46.40	1.09	2.30	39.68	300.00	3.96
140.0	46.26	46.32	46.35	1.19	2.23	39.71	500.00	3.91
180.0	46.13	46.22	46.27	1.26	2.15	39.59		
200.0	46.12	46.16	46.23	1.26	2.16	39.54		
240.0	45.76	45.80	45.87	1.17	2.14	39.58		
260.0	45.32	45.43	45.47	1.14	2.09	39.64		
300.0	44.40	44.48	44.50	1.27	2.01	39.56		
360.0	44.72	44.82	44.87	1.50	2.07	39.49		
400.0	46.08	46.18	46.23	1.48	2.08	39.23		
440.0	45.69	45.81	45.93	1.43	1.88	39.01		
480.0	43.67	43.80	43.92	1.51	1.68	38.11		
500.0	42.93	43.03	43.15	1.51	1.71	37.42		