

# High Power Amplifier

# ZHL-40W-372-S+

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 28V	DIRECTIVITY (dB) 28V	VSWR (:1)		NOISE FIGURE (dB) 28V	Pout at 3 dB COMPRESSION (dBm) 28V	Pout at SATURATION (dBm) 28V	OUTPUT IP3 (dBm) 28V
			IN 28V	OUT 28V				
3400	50.94	52.72	1.30	1.31	14.93	45.44	45.90	53.03
3425	51.11	48.40	1.33	1.30	15.04	45.59	46.03	51.64
3450	51.21	60.07	1.30	1.26	15.15	45.71	46.33	51.77
3475	51.18	53.41	1.33	1.18	15.26	45.91	46.50	51.70
3500	51.04	44.30	1.44	1.10	15.36	45.83	46.41	52.12
3525	50.80	54.87	1.36	1.05	15.44	45.99	46.59	51.93
3550	50.46	48.02	1.41	1.12	15.58	46.03	46.57	51.47
3575	50.11	55.04	1.45	1.20	15.63	45.90	46.42	51.57
3600	49.80	57.46	1.43	1.28	15.75	45.99	46.49	51.87
3625	49.55	49.75	1.41	1.35	15.85	45.83	46.32	51.53
3650	49.38	62.85	1.40	1.42	15.97	45.66	46.04	51.93
3675	49.31	52.01	1.53	1.48	16.04	45.77	46.12	52.56
3700	49.32	58.00	1.43	1.54	16.21	45.21	45.65	53.34