

High Power Amplifier

ZHL-ED12238/18

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB)			DIRECTIVITY (dB)	VSWR IN (:1)	VSWR OUT (:1)	NOISE FIGURE (dB)	Pout at 1dB Comp. (dBm)	Output IP3 (dBm)
	22V	24V	27V						
50.0	51.7	51.50	51.12	23.55	1.39	1.38	7.2	47.43	60.28
60.0	51.6	51.43	51.06	23.64	1.41	1.43	6.66	47.95	61.38
80.0	51.5	51.30	50.93	22.54	1.43	1.45	6.43	47.89	61.21
100.0	51.2	50.98	50.58	21.68	1.43	1.44	6.30	47.72	60.81
125.0	50.7	50.50	50.10	28.38	1.43	1.48	6.19	47.84	60.21
150.0	50.3	50.06	49.65	30.66	1.43	1.56	6.13	48.17	59.40
175.0	50.0	49.78	49.36	35.23	1.43	1.69	6.08	48.42	59.48
200.0	49.8	49.58	49.14	23.65	1.42	1.87	6.13	48.29	59.03
225.0	49.7	49.45	48.99	29.72	1.40	2.08	6.24	48.27	58.57
250.0	49.7	49.48	48.99	26.53	1.36	2.33	6.29	48.64	58.31
275.0	49.9	49.63	49.12	24.78	1.30	2.59	6.41	48.34	58.09
300.0	50.1	49.82	49.29	29.40	1.21	2.89	6.47	48.36	58.04
325.0	50.5	50.17	49.63	32.75	1.12	3.19	6.52	47.97	57.74
350.0	50.6	50.36	49.82	31.19	1.16	3.48	6.58	47.75	57.54
375.0	50.7	50.40	49.89	28.91	1.35	3.75	6.64	47.72	57.38
400.0	50.5	50.26	49.78	32.24	1.59	4.03	6.65	48.16	57.41
425.0	50.5	50.26	49.82	29.20	1.81	4.27	6.81	48.26	57.40
450.0	50.6	50.44	50.05	30.91	1.97	4.56	6.91	48.06	57.41
475.0	51.1	51.03	50.73	34.50	2.05	5.01	6.95	47.68	57.32
500.0	51.7	51.79	51.63	22.34	1.96	5.67	7.06	47.18	56.97