

High Power Amplifier

ZHL-100W-63+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 30V	DIRECTIVITY (dB) 30V	VSWR (:1)		NOISE FIGURE (dB) 30V	POUT @ 1 dB COMPRESSION (dBm) 30V	POUT AT SATURATION (dBm) 30V	OUTPUT IP3 (dBm) 30V
			IN 30V	OUT 30V				
2400	61.16	26.80	1.26	1.16	11.77	43.32	49.40	57.69
2425	61.53	14.41	1.22	1.16	11.83	43.41	49.74	57.89
2450	61.76	28.24	1.26	1.19	11.85	43.57	50.17	57.62
2475	61.92	25.79	1.26	1.19	11.87	43.51	50.39	58.72
2500	61.96	19.98	1.24	1.17	11.90	43.74	50.65	60.78
2600	61.97	22.69	1.31	1.13	11.97	44.14	51.06	60.95
2700	61.49	20.26	1.40	1.18	11.99	44.26	50.64	56.93
2800	61.39	21.68	1.47	1.12	11.94	44.29	50.39	56.50
2900	61.62	19.91	1.57	1.14	11.85	44.10	50.01	55.05
3000	61.53	25.31	1.65	1.15	11.65	44.21	49.93	55.05
3100	60.96	27.17	1.75	1.19	11.47	44.43	50.01	55.52
3200	60.34	27.06	1.78	1.14	11.16	44.73	50.05	58.65
3300	59.69	21.59	1.88	1.17	10.98	44.87	50.49	56.86
3400	59.09	25.27	1.88	1.18	10.84	44.86	50.63	56.14
3500	58.89	33.32	1.93	1.13	10.65	44.88	50.48	55.17
3600	58.89	33.23	1.97	1.16	10.63	44.61	50.25	54.61
3700	58.98	34.52	2.02	1.19	10.66	44.41	50.12	54.47
3800	59.20	22.36	2.05	1.22	10.65	44.08	49.93	54.15
3900	59.92	30.89	2.12	1.21	10.73	43.58	49.82	54.36
4000	60.13	24.11	2.13	1.20	10.83	43.29	49.87	54.75
4100	59.67	24.26	2.11	1.21	10.85	42.95	49.73	55.38
4200	60.02	26.61	2.12	1.26	10.92	43.01	49.93	55.23
4300	60.83	27.07	2.01	1.31	10.92	42.94	50.14	55.32
4400	61.22	33.09	1.90	1.21	10.83	43.01	50.41	56.18
4500	60.92	25.66	1.79	1.14	10.69	43.16	50.66	55.96
4600	60.84	23.32	1.62	1.23	10.47	43.36	50.87	56.30
4700	61.57	33.17	1.53	1.27	10.24	43.63	51.04	56.25
4800	62.05	19.59	1.40	1.26	10.09	43.72	51.05	55.77
4900	62.04	20.29	1.41	1.28	9.93	43.67	50.91	55.73
5000	62.34	23.90	1.42	1.18	9.73	43.74	50.91	55.38
5100	62.26	23.77	1.46	1.17	9.51	43.76	50.83	54.98
5200	62.43	26.09	1.62	1.12	9.39	43.68	50.51	54.66
5300	62.60	22.04	1.70	1.13	9.27	43.56	50.28	54.82
5400	62.35	25.55	1.72	1.09	9.23	43.41	50.15	54.74
5500	62.20	31.51	1.76	1.15	9.30	43.17	49.86	55.61
5600	62.14	24.16	1.68	1.18	9.32	43.34	49.83	55.38
5700	62.01	22.19	1.71	1.20	9.37	43.49	49.72	55.29
5800	62.18	20.99	1.74	1.42	9.57	43.37	49.63	54.80
5900	61.07	22.53	1.76	1.23	9.55	43.45	49.58	54.58
6000	60.72	30.40	1.81	1.14	9.67	43.37	49.23	53.96
6025	60.59	25.92	1.80	1.17	9.69	43.40	49.07	54.33
6050	60.33	19.41	1.81	1.19	9.73	43.33	48.80	53.70
6075	60.03	33.49	1.77	1.29	9.78	43.52	48.91	53.60
6100	59.68	25.65	1.75	1.34	9.85	43.29	48.62	53.17



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IF/RF MICROWAVE COMPONENTS

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