

Coaxial Amplifier

ZHL-0G62G5030(X)+

Typical Performance Data

Frequency (MHz)	Gain	Isolation	Return Loss (dB)		P _{OUT} @ 1dB Compression	P _{OUT} @ 3dB Compression	P _{OUT} @ Saturation	OIP3	Noise Figure
	(dB)	(dB)	IN	OUT	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
	28V	28V	28V	28V	28V	28V	28V	28V	28V
600	53.39	78.11	15.02	27.90	43.50	45.53	46.12	51.82	8.46
650	52.59	75.89	15.96	21.52	43.93	46.09	46.71	51.66	8.07
700	51.89	80.44	16.60	19.56	44.08	46.50	47.09	51.55	7.69
750	51.38	80.33	16.81	20.17	43.80	46.62	47.12	51.45	7.76
800	51.01	79.80	16.88	21.89	43.51	46.66	47.13	51.21	7.71
850	50.72	80.71	16.95	26.96	43.22	46.57	47.07	51.12	7.27
900	50.45	83.46	16.79	26.03	43.24	46.54	46.97	51.23	7.34
950	50.33	80.44	16.73	23.05	43.54	46.82	47.11	51.48	6.91
1000	50.42	86.89	16.63	21.28	43.73	46.93	47.17	51.93	7.16
1050	50.50	80.07	16.64	21.69	43.80	46.84	47.17	52.14	7.11
1100	50.64	81.69	16.64	24.99	44.13	47.11	47.37	52.53	7.21
1150	50.75	77.34	16.73	29.05	44.53	47.32	47.53	52.95	6.88
1200	50.85	76.36	16.81	24.63	44.81	47.42	47.66	53.11	6.98
1250	50.98	79.11	16.87	22.85	44.89	47.23	47.58	53.30	6.68
1300	51.26	74.87	17.00	23.52	44.92	47.28	47.74	53.26	6.71
1350	51.62	84.51	17.02	24.19	45.32	47.73	48.20	53.41	6.70
1400	51.89	78.68	17.12	22.54	45.61	47.88	48.38	53.44	6.74
1450	51.98	80.04	17.15	19.72	45.80	47.88	48.33	53.49	6.74
1500	52.01	80.31	17.21	18.52	45.93	47.94	48.39	53.35	6.74
1550	51.96	77.28	17.22	20.15	45.84	47.70	48.15	53.09	6.57
1600	51.82	82.34	17.21	24.67	45.45	47.27	47.80	52.72	6.43
1650	51.52	78.66	17.31	22.80	45.38	47.24	47.74	52.55	6.55
1700	51.03	78.76	17.37	18.83	44.87	46.93	47.41	51.96	6.55
1750	50.58	77.00	17.30	16.94	43.95	45.81	46.43	51.55	6.67
1800	50.41	79.02	17.12	16.64	43.97	45.72	46.30	51.34	6.32
1850	50.41	76.94	17.09	17.89	44.11	45.99	46.51	51.48	6.54
1900	50.57	79.40	16.99	19.94	44.45	46.55	46.91	51.64	6.24
1950	50.66	76.46	16.74	20.61	44.74	47.06	47.33	51.59	6.30
2000	50.64	76.26	16.55	18.84	44.78	47.18	47.38	51.61	6.21
2050	50.41	80.38	16.24	17.86	44.92	47.28	47.39	51.71	5.93
2100	50.32	79.20	15.91	18.16	44.76	47.25	47.32	51.85	6.34
2150	50.43	83.48	15.78	18.90	44.69	47.27	47.42	51.75	6.28
2200	50.66	76.25	15.30	18.21	44.66	47.27	47.47	51.76	6.18
2250	50.89	76.76	15.20	17.65	44.64	47.22	47.52	51.75	6.19
2300	51.28	74.34	14.90	17.45	44.83	47.44	47.77	52.04	6.25
2350	51.66	78.78	14.71	18.26	44.96	47.59	47.99	52.12	5.96
2400	52.10	80.80	14.47	19.65	45.13	47.74	48.17	52.50	6.20
2450	52.37	77.75	14.19	20.06	45.06	47.59	48.14	52.66	6.20
2500	52.44	81.21	13.93	21.24	45.14	47.57	48.15	52.64	5.97