

Coaxial Amplifier

ZVA-02303HP+

Typical Performance Data

FREQ. (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	Pout @ 1 dB COMPRESSION (dBm) 15V	Pout @ SATURATION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V				
500	36.01	72.71	1.77	1.47	5.28	26.19	28.67	37.54
600	36.87	70.25	1.73	1.39	5.01	26.67	29.02	38.30
700	37.31	71.02	1.70	1.33	4.84	27.00	29.32	38.72
800	37.52	74.88	1.68	1.28	4.85	27.02	29.51	38.96
900	37.87	71.41	1.66	1.24	4.63	27.21	29.68	39.44
1000	38.19	67.94	1.64	1.21	4.55	27.48	29.79	39.44
1500	38.63	77.10	1.57	1.12	4.42	28.28	30.31	40.48
2000	38.93	65.89	1.50	1.08	4.33	28.70	30.72	40.90
2500	39.10	68.92	1.43	1.07	4.16	28.89	30.76	41.12
3000	38.95	69.40	1.36	1.12	4.11	28.63	30.45	40.72
3500	39.28	69.40	1.30	1.06	3.98	28.96	30.43	41.12
4000	39.49	77.34	1.24	1.03	3.86	28.95	30.69	41.19
4500	39.38	68.85	1.20	1.08	3.73	29.23	30.72	40.87
5000	39.37	64.99	1.13	1.10	3.68	29.25	30.81	40.64
5500	39.43	65.22	1.07	1.11	3.61	29.45	30.94	40.69
6000	39.28	67.07	1.02	1.18	3.58	29.33	30.75	40.53
6500	38.95	73.89	1.00	1.23	3.48	29.17	30.59	40.51
7000	38.77	69.09	1.03	1.23	3.42	29.11	30.48	40.25
7500	38.65	70.69	1.06	1.23	3.36	29.21	30.35	40.07
8000	38.46	76.13	1.12	1.25	3.35	29.41	30.58	40.06
8500	38.24	77.85	1.18	1.26	3.31	29.23	30.57	39.99
9000	38.12	76.42	1.25	1.24	3.30	29.15	30.46	39.64
9500	38.10	68.52	1.32	1.19	3.24	28.92	30.31	39.25
10000	38.08	71.70	1.39	1.15	3.21	28.39	29.99	38.55
11000	38.05	68.33	1.50	1.09	3.06	28.34	29.93	37.98
12000	38.13	73.68	1.52	1.05	2.96	28.41	29.77	37.60
13000	38.13	76.44	1.45	1.05	2.94	28.09	29.24	36.74
14000	38.06	74.92	1.32	1.04	2.99	27.92	28.77	36.19
15000	38.11	81.89	1.15	1.05	3.07	27.94	29.14	36.03
16000	38.31	73.89	1.06	1.01	3.15	27.48	28.72	35.47
17000	38.26	76.11	1.14	1.06	3.31	27.26	29.04	35.09
18000	37.77	74.09	1.20	1.10	3.44	27.18	29.20	34.99
19000	37.48	70.98	1.29	1.17	3.52	26.68	29.19	34.72
20000	37.54	67.03	1.38	1.12	3.59	25.97	28.78	33.88
21000	37.66	74.71	1.46	1.14	3.60	26.06	28.96	33.57
22000	37.92	72.46	1.45	1.09	3.62	26.74	29.23	33.48
23000	38.26	73.29	1.30	1.04	3.59	27.06	28.76	33.58
24000	38.48	69.40	1.07	1.08	3.63	27.27	28.58	33.21
25000	38.56	65.56	1.05	1.13	3.71	27.77	28.71	33.35
26000	38.17	65.54	1.05	1.34	3.87	27.04	28.38	33.21
27000	37.61	67.91	1.16	1.42	4.01	26.72	28.06	32.84
28000	37.35	63.10	1.30	1.29	4.22	26.99	28.18	33.01
29000	37.19	66.44	1.38	1.02	4.28	26.88	28.22	32.67
30000	36.91	69.29	1.37	1.03	4.37	26.18	28.05	32.49



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 6/4/2021

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