

# Coaxial Amplifier

# ZVA-0.5W303G+

## Typical Performance Data

FREQ. (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	Pout @ 1 dB COMPRESSION (dBm) 12V	Pout @ SATURATION (dBm) 12V	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V				
10	24.50	54.92	2.22	1.74	24.62	23.91	29.88	35.16
20	23.40	69.39	1.54	1.32	18.53	25.10	29.79	34.89
30	23.33	74.06	1.37	1.19	16.85	24.95	29.64	34.69
40	23.51	71.03	1.30	1.13	16.04	25.05	29.87	34.55
50	23.82	64.94	1.26	1.09	15.41	24.99	29.88	34.63
60	24.17	68.19	1.24	1.07	14.94	24.98	29.73	34.67
70	24.52	73.63	1.23	1.05	14.49	25.18	29.89	34.76
80	24.84	75.25	1.22	1.03	13.92	25.71	30.32	35.07
90	25.11	77.82	1.21	1.03	13.30	25.97	30.28	35.22
100	25.34	80.76	1.20	1.03	12.64	26.07	30.22	35.30
100	25.34	80.76	1.20	1.03	12.64	26.07	30.22	35.30
200	26.57	80.81	1.13	1.10	11.99	27.01	30.53	36.34
300	26.35	78.04	1.19	1.13	9.06	26.89	30.27	36.67
400	26.59	72.59	1.19	1.14	9.06	26.89	30.27	36.67
500	26.71	73.22	1.19	1.13	6.58	27.25	30.33	37.75
600	26.23	82.44	1.19	1.17	6.58	27.25	30.33	37.75
700	26.48	77.10	1.19	1.15	6.58	27.25	30.33	37.75
800	26.69	78.30	1.19	1.12	5.92	27.43	30.34	38.02
900	26.78	78.12	1.19	1.10	5.92	27.43	30.34	38.02
1000	26.85	79.26	1.18	1.10	5.52	27.84	30.56	38.46
2000	25.84	75.59	1.15	1.21	5.14	28.25	30.85	38.54
3000	25.50	68.44	1.06	1.10	4.78	28.21	30.04	39.26
4000	25.05	67.65	1.03	1.11	4.19	28.48	30.24	40.38
5000	24.63	64.00	1.09	1.05	3.67	28.32	30.02	40.98
6000	24.54	56.84	1.22	1.04	3.15	28.33	30.04	39.61
7000	24.43	53.39	1.33	1.03	2.79	27.87	29.65	38.41
8000	24.40	55.09	1.43	1.13	2.83	27.44	28.93	38.33
9000	23.57	57.06	1.64	1.24	2.92	26.98	28.16	37.67
10000	23.82	59.26	1.54	1.32	3.11	26.65	27.99	37.11
11000	24.16	54.90	1.32	1.32	3.22	25.81	27.14	35.95
12000	24.34	52.05	1.22	1.29	3.32	26.01	27.84	35.61
13000	24.40	48.16	1.25	1.36	3.37	25.97	27.95	35.63
14000	24.72	45.48	1.21	1.41	3.53	25.72	28.05	35.69
15000	25.12	39.58	1.09	1.39	3.75	25.76	28.59	35.14
16000	25.65	38.71	1.17	1.32	3.90	25.72	28.77	34.58
17000	25.36	36.18	1.47	1.32	4.07	26.52	28.76	34.92
18000	24.94	37.76	1.39	1.22	4.30	26.17	28.56	33.97
19000	24.50	36.81	1.14	1.61	4.55	26.17	28.26	33.86
20000	24.38	38.45	1.11	1.77	4.79	25.22	28.51	33.35
21000	24.63	36.25	1.07	1.85	5.07	25.45	28.35	32.31
22000	24.86	34.37	1.28	1.91	5.32	25.06	27.59	32.63
23000	25.02	32.64	1.44	2.11	5.70	25.40	27.49	32.68
24000	25.98	28.93	1.82	1.70	5.87	25.60	28.03	32.56
25000	24.90	25.97	1.59	1.85	5.95	24.53	26.63	32.05
26000	24.97	23.73	1.43	2.28	6.06	25.28	26.71	31.81
27000	23.06	24.31	1.08	2.21	6.25	25.11	26.49	31.93
28000	23.54	22.42	1.42	2.02	6.45	23.77	25.45	30.96
29000	24.09	22.18	1.97	2.15	6.59	23.84	26.14	31.13
30000	24.69	23.20	1.75	1.81	6.98	23.02	25.71	30.38



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IF/RF MICROWAVE COMPONENTS

REV. OR  
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