

# Coaxial Amplifier

# ZVA-18403G+

## Typical Performance Data

FREQ. (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	POUT @ 1 dB COMPRESSION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V			
18000	43.84	55.82	1.95	1.31	3.97	21.68	26.99
18500	43.96	66.51	1.52	1.29	3.89	21.59	26.53
19000	43.95	67.08	1.29	1.33	3.80	21.93	26.63
19500	43.92	63.37	1.24	1.40	3.71	21.94	27.46
20000	43.93	60.30	1.25	1.48	3.76	22.06	27.71
20500	43.94	58.11	1.24	1.61	3.82	21.53	27.67
21000	43.95	59.47	1.20	1.80	3.88	21.38	29.99
21500	43.91	73.27	1.21	2.13	3.88	21.21	30.31
22000	43.81	67.88	1.34	2.51	3.92	21.89	30.54
22500	43.65	63.47	1.50	2.91	4.00	22.68	30.83
23000	43.57	59.88	1.64	3.25	3.96	23.01	29.89
23500	43.53	62.18	1.71	3.34	4.05	23.51	29.82
24000	43.57	69.86	1.73	3.21	4.06	23.40	28.97
24500	43.66	70.91	1.69	2.93	4.02	23.46	28.54
25000	43.67	60.98	1.69	2.66	4.05	23.24	28.45
25500	43.56	62.03	1.73	2.52	4.04	22.77	28.85
26000	43.34	58.80	1.79	2.64	3.96	23.44	29.23
26500	43.14	64.57	1.86	2.82	4.00	22.46	29.58
27000	43.12	49.46	1.86	2.98	3.95	22.76	29.59
27500	43.33	65.49	1.84	2.96	4.00	22.61	28.89
28000	43.76	53.01	1.83	2.77	3.92	21.95	28.05
28500	44.19	58.71	1.83	2.51	3.95	22.89	28.34
29000	44.49	58.19	1.83	2.49	3.89	22.41	28.90
29500	44.54	52.71	1.88	2.76	4.01	23.00	28.97
30000	44.49	69.26	1.91	3.13	3.97	24.28	28.63
30500	44.51	56.44	1.93	3.41	3.89	23.83	28.37
31000	44.71	50.13	1.89	3.29	3.88	24.38	27.57
31500	45.01	51.48	1.84	2.84	3.82	23.47	26.42
32000	45.22	47.89	1.75	2.33	3.66	23.54	26.90
32500	45.20	50.73	1.62	1.94	3.70	23.52	27.20
33000	44.96	49.66	1.49	1.74	3.63	23.26	27.10
33500	44.60	42.95	1.33	1.69	3.62	23.06	26.90
34000	44.28	46.79	1.18	1.73	3.59	23.70	26.36
34500	44.00	46.39	1.10	1.78	3.61	23.45	26.27
35000	43.69	52.64	1.18	1.80	3.53	22.67	26.47
35500	43.29	46.79	1.30	1.84	3.61	23.39	27.18
36000	42.86	54.59	1.38	1.87	3.61	23.65	27.40
36500	42.47	47.60	1.43	1.89	3.57	23.29	27.66
37000	42.26	56.82	1.43	1.96	3.58	23.11	28.06
37500	42.29	54.30	1.42	2.02	3.68	23.19	28.71
38000	42.46	54.79	1.46	2.14	3.67	23.21	29.33
38500	42.68	64.07	1.53	2.26	3.78	22.95	28.79
39000	42.92	43.89	1.67	2.36	3.82	22.63	28.75
39500	43.26	41.67	1.86	2.38	3.89	22.67	27.69
40000	43.75	49.69	1.93	2.49	3.91	22.62	27.23