

Coaxial Amplifier

ZVA-24443G1+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR (:1)		NOISE FIGURE (dB) 15V	Pout at 1dB COMPRESSION (dBm) 15V	Pout at SATURATION (dBm) 15V	OUTPUT IP3 (dBm) 15V
			IN 15V	OUT 15V				
22000	45.69	46.34	2.60	2.21	2.66	21.38	22.02	29.48
22500	45.83	44.73	2.66	2.61	2.56	21.21	21.91	28.88
23000	45.55	45.52	2.66	3.01	2.48	21.70	22.63	28.48
23500	44.95	48.12	2.63	3.36	2.39	21.18	23.11	28.68
24000	44.27	48.27	2.54	3.64	2.36	21.42	23.05	28.18
24500	43.70	53.01	2.42	3.83	2.32	21.33	23.12	27.66
25000	43.19	39.11	2.28	3.95	2.27	21.34	23.57	28.04
25500	42.90	48.50	2.11	3.97	2.21	21.07	23.23	27.66
26000	42.88	58.65	1.93	3.93	2.10	20.47	22.77	27.54
26500	43.14	49.89	1.76	3.83	2.07	20.17	23.28	28.02
27000	43.63	35.75	1.60	3.67	2.08	20.29	23.19	27.79
27500	44.23	40.88	1.49	3.48	2.09	20.23	23.40	27.80
28000	44.83	40.07	1.46	3.30	2.09	20.91	24.10	27.72
28500	45.33	35.79	1.49	3.18	2.04	21.09	24.21	27.75
29000	45.64	33.33	1.56	3.12	1.95	20.89	24.21	27.56
29500	45.84	40.93	1.66	3.14	1.82	21.77	24.29	27.20
30000	45.93	39.76	1.76	3.18	1.84	21.90	24.25	26.14
30500	46.00	36.00	1.82	3.21	1.88	21.51	24.30	26.07
31000	46.06	41.68	1.84	3.15	1.90	22.35	24.66	26.24
31500	46.19	38.74	1.86	2.97	1.73	22.75	24.33	25.18
32000	46.26	48.93	1.82	2.72	1.72	22.89	24.39	25.79
32500	46.22	39.74	1.76	2.42	1.70	23.35	24.52	26.62
33000	46.16	35.40	1.71	2.13	1.84	23.83	24.58	26.44
33500	45.97	40.82	1.62	1.91	1.68	24.59	24.58	26.45
34000	45.75	31.21	1.55	1.75	1.76	23.82	24.44	26.67
34500	45.42	54.47	1.48	1.65	1.83	23.78	24.46	26.79
35000	45.15	37.54	1.41	1.62	1.85	24.20	24.33	27.13
35500	44.89	42.49	1.37	1.62	1.75	23.05	24.14	27.24
36000	44.69	38.86	1.33	1.66	1.74	23.39	24.11	27.34
36500	44.60	40.33	1.29	1.72	1.70	23.03	24.03	27.46
37000	44.66	40.90	1.25	1.80	1.85	22.98	23.66	27.32
37500	44.82	39.88	1.22	1.88	2.27	23.12	23.80	27.01
38000	45.25	38.19	1.18	1.96	1.88	22.12	23.66	26.79
38500	45.85	32.13	1.16	2.00	1.80	22.25	23.66	26.52
39000	46.66	33.22	1.20	1.99	1.73	22.60	23.59	26.53
39500	47.51	34.76	1.27	1.95	1.94	22.15	23.63	26.34
40000	48.37	30.81	1.37	1.85	1.82	22.23	23.62	26.05
40500	49.00	38.64	1.43	1.74	1.77	22.22	23.10	26.10
41000	49.42	29.20	1.48	1.65	1.75	21.96	22.97	26.32
41500	49.43	50.39	1.46	1.56	1.75	20.46	22.33	26.48
42000	49.42	38.69	1.49	1.50	1.47	20.92	21.99	26.15
42500	49.40	31.21	1.51	1.47	1.59	21.16	22.13	25.88
43000	49.27	36.93	1.62	1.49	1.49	20.56	21.84	25.90
43500	48.80	45.64	1.76	1.62	1.78	20.55	21.24	25.57
44000	47.71	32.97	1.91	1.86	1.74	20.75	20.77	25.29
44500	45.84	36.11	2.05	2.25	2.02	19.90	20.75	25.22
45000	43.34	47.49	2.15	2.74	2.09	18.62	19.59	24.67
45500	40.48	43.98	2.18	3.40	2.15	17.66	18.27	22.93
46000	37.58	39.58	2.20	4.15	2.47	16.80	17.50	21.16