

Coaxial Amplifier

ZVA-183WAX-S+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	Pout @ 1 dB COMPRESSION (dBm) 12V	OUTPUT IP3 (dBm) 12V	FREQUENCY (MHz)	Pout at SATURATION (dBm) 12V
			IN 12V	OUT 12V					
100	25.83	53.68	1.24	1.39	14.69	24.83	35.07	100.00	30.57
200	25.99	68.94	1.15	1.70	12.29	26.84	35.80	1000.00	31.25
300	25.27	76.29	1.22	1.82	9.55	27.73	36.94	2000.00	31.11
400	25.25	79.20	1.22	1.84	7.20	28.16	36.59	3000.00	31.02
500	25.17	78.59	1.21	1.83	6.53	28.18	37.04	4000.00	31.13
600	24.87	76.55	1.21	1.85	6.13	28.11	37.40	5000.00	31.40
700	25.07	78.11	1.20	1.83	5.71	28.40	37.30	6000.00	31.39
800	25.23	82.97	1.19	1.79	5.51	28.44	37.92	7000.00	30.16
900	25.36	80.83	1.19	1.76	5.36	28.52	38.47	8000.00	28.87
1000	25.49	88.48	1.19	1.73	5.29	28.66	38.65	9000.00	28.55
1500	25.43	86.69	1.15	1.81	4.80	28.95	37.59	10000.00	28.95
2000	24.94	83.30	1.15	1.79	5.02	28.99	39.11	11000.00	28.43
2500	25.10	77.34	1.16	1.69	4.76	29.25	38.73	12000.00	28.98
3000	25.26	70.00	1.11	1.50	4.42	29.29	39.06	13000.00	29.57
3500	25.38	71.04	1.03	1.29	4.15	29.40	40.94	14000.00	30.03
4000	25.23	68.13	1.04	1.16	3.89	29.30	42.82	15000.00	29.96
4500	25.22	65.12	1.07	1.11	3.55	29.43	38.12	16000.00	30.20
5000	25.22	63.75	1.12	1.18	3.21	29.56	39.44	17000.00	29.93
5500	25.20	51.59	1.16	1.25	3.06	29.42	38.22	18000.00	29.17
6000	25.03	80.72	1.18	1.22	2.89	29.36	38.41		
6500	24.78	54.62	1.18	1.15	2.80	29.24	38.52		
7000	24.44	63.14	1.21	1.04	2.76	28.61	37.10		
7500	24.07	58.97	1.27	1.09	2.63	28.22	37.65		
8000	23.88	54.88	1.35	1.18	2.59	27.75	37.01		
8500	23.82	53.98	1.44	1.23	2.66	27.49	36.99		
9000	23.76	64.59	1.57	1.23	2.75	27.35	35.99		
9500	23.99	58.90	1.60	1.26	2.82	27.68	36.12		
10000	23.79	57.31	1.58	1.25	2.77	27.32	35.60		
10500	23.68	54.76	1.50	1.26	3.06	26.95	35.46		
11000	23.42	59.20	1.43	1.29	2.97	26.77	35.28		
11500	23.50	56.33	1.38	1.28	3.14	26.90	35.51		
12000	23.87	54.34	1.36	1.22	3.11	27.02	35.69		
12500	24.37	52.79	1.36	1.10	3.23	27.01	36.35		
13000	24.80	47.88	1.37	1.07	3.29	27.10	35.50		
13500	25.05	45.19	1.39	1.25	3.34	27.23	36.18		
14000	25.01	45.44	1.45	1.37	3.34	27.11	36.68		
14500	24.97	45.64	1.46	1.38	3.47	27.05	36.01		
15000	24.91	44.81	1.45	1.30	3.47	27.07	36.42		
15500	24.89	42.52	1.41	1.16	3.52	27.23	35.60		
16000	24.83	39.98	1.43	1.03	3.66	27.30	35.20		
16500	24.61	40.69	1.37	1.10	3.71	27.73	35.53		
17000	24.19	40.11	1.26	1.29	3.85	27.92	35.50		
17500	24.01	39.76	1.14	1.48	3.86	27.73	34.75		
18000	24.14	39.00	1.08	1.62	4.15	27.22	33.63		