

Coaxial High Power Amplifier

ZVE-3W-183+

Typical Performance Data

Frequency (MHz)	Gain 15V	Directivity (dB) 15V	VSWR In (:1) 15V	VSWR Out (:1) 15V	Noise Figure (dB) 15V	Pout at 1dB Compression (dBm) 15V	Pout at 3dB Compression (dBm) 15V	Output IP3 (dBm) 15V
5900.0	36.06	38.88	1.81	1.14	6.25	34.11	34.54	42.77
6000.0	35.82	41.39	1.72	1.17	6.13	34.07	34.79	42.96
6100.0	35.58	39.77	1.66	1.19	5.99	34.56	35.07	42.66
6200.0	35.41	39.60	1.62	1.21	5.94	34.09	35.07	43.17
6300.0	35.29	39.69	1.57	1.22	5.94	34.00	35.40	42.81
6400.0	35.20	40.93	1.52	1.23	5.80	34.95	35.26	43.38
6500.0	35.12	42.35	1.47	1.23	5.80	34.65	35.59	43.32
7000.0	34.59	46.56	1.40	1.27	5.56	35.11	35.33	43.06
7500.0	33.93	37.95	1.50	1.41	5.39	35.14	35.94	43.25
8000.0	34.24	40.26	1.63	1.36	5.25	35.29	35.47	43.11
8500.0	34.03	39.76	1.61	1.29	5.22	34.79	35.37	43.13
9000.0	33.40	38.08	1.54	1.24	5.13	34.57	35.19	43.07
9500.0	33.45	40.67	1.51	1.29	5.07	34.15	34.50	43.00
10000.0	33.48	37.27	1.41	1.33	4.97	34.50	35.09	42.29
10500.0	33.27	36.87	1.30	1.20	4.96	34.54	35.23	42.84
11000.0	33.40	37.56	1.27	1.24	4.91	34.92	34.82	42.49
11500.0	33.83	37.78	1.41	1.16	4.82	34.63	35.06	41.69
12000.0	33.41	38.61	1.43	1.24	4.91	34.40	35.10	42.29
12500.0	33.35	39.37	1.31	1.20	4.88	34.48	34.90	43.34
13000.0	33.58	39.38	1.30	1.25	4.89	34.20	34.89	41.83
13500.0	33.76	37.64	1.44	1.17	4.70	33.59	35.02	42.48
14000.0	33.47	43.66	1.42	1.12	4.85	34.18	34.91	42.67
14500.0	32.87	34.97	1.55	1.24	4.87	33.99	34.42	42.67
15000.0	33.52	31.53	1.48	1.09	4.89	34.53	35.13	43.47
15500.0	33.35	30.60	1.16	1.15	5.01	33.36	34.25	43.10
16000.0	33.58	27.48	1.71	1.03	4.88	33.76	33.74	43.02
16500.0	34.33	24.60	1.49	1.20	5.07	33.60	34.51	41.88
17000.0	32.43	27.51	1.16	1.02	5.12	33.90	34.54	43.67
17500.0	33.69	27.08	1.08	1.28	5.32	33.44	34.70	44.25
18000.0	33.78	27.85	1.42	1.24	5.56	33.08	33.91	43.06

