

Coaxial Amplifier

ZVA-543(X)+

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB) 10V	DIRECTIVITY (dB) 10V	VSWR (:1)		Pout @ 1 dB COMPRESSION (dBm) 10V	OIP3 (dBm) 10V	Pout at SATURATION (dBm) 10V	Noise Figure (dB) 10V
			IN 10V	OUT 10V				
18.0	28.76	65.88	1.13	1.32	23.42	25.74	24.0	4.76
19.0	30.87	59.86	1.19	1.31	26.08	28.43	27.4	4.84
20.0	31.56	55.68	1.25	1.23	27.14	31.01	28.2	4.85
21.0	32.01	54.38	1.18	1.19	27.95	32.41	28.3	4.89
22.0	32.67	52.57	1.06	1.19	28.41	33.22	28.7	4.82
23.0	33.45	50.21	1.08	1.13	28.74	33.61	29.0	4.76
24.0	33.87	46.75	1.16	1.15	28.77	33.78	29.3	4.62
25.0	33.83	44.76	1.21	1.29	28.85	34.36	29.8	4.59
26.0	33.32	43.77	1.20	1.36	28.86	35.04	30.1	4.70
27.0	32.60	43.63	1.22	1.30	28.55	35.90	30.0	4.72
28.0	32.05	44.83	1.22	1.21	27.57	34.19	29.4	4.87
29.0	31.98	45.37	1.20	1.12	28.01	34.34	29.1	5.07
30.0	32.38	47.11	1.15	1.02	28.44	34.56	29.7	5.11
31.0	33.11	44.62	1.28	1.16	28.51	34.74	29.7	5.31
32.0	33.47	35.52	1.63	1.20	28.58	34.88	29.8	5.41
33.0	33.33	35.47	1.58	1.05	28.63	34.82	29.7	5.49
34.0	33.42	40.42	1.36	1.18	28.30	34.49	29.5	5.64
35.0	33.82	44.16	1.04	1.35	27.93	34.50	29.6	5.73
36.0	34.42	44.33	1.20	1.30	27.95	34.27	29.0	5.81
37.0	34.91	44.69	1.28	1.15	27.78	34.13	29.0	5.90
38.0	34.90	44.22	1.28	1.26	27.67	34.04	28.9	6.06
39.0	34.42	49.66	1.32	1.41	27.47	34.12	28.7	6.15
40.0	33.92	53.17	1.36	1.41	27.49	34.85	28.3	6.32
41.0	33.45	49.54	1.30	1.38	27.16	35.23	28.0	6.38
42.0	33.10	47.74	1.24	1.37	26.82	35.46	27.6	6.52
43.0	32.88	50.01	1.21	1.37	26.59	36.62	27.2	6.62
44.0	32.68	51.50	1.24	1.37	25.94	36.82	26.8	6.68
45.0	32.45	58.70	1.38	1.38	25.26	35.87	26.4	6.87
46.0	32.40	50.07	1.41	1.31	25.59	35.25	26.6	6.93
47.0	32.57	49.24	1.25	1.17	25.07	34.44	26.6	7.14
48.0	32.75	48.84	1.06	1.23	25.19	34.51	26.3	7.34
49.0	32.74	47.93	1.32	1.34	25.36	34.21	26.5	7.43
50.0	32.72	56.23	1.35	1.33	24.98	34.44	26.5	7.94
51.0	32.89	46.85	1.17	1.41	25.08	34.23	26.6	-
52.0	33.51	46.51	1.10	1.50	24.56	34.24	26.3	-
53.0	34.78	44.19	1.06	1.37	24.06	33.32	26.2	-
54.0	34.68	42.09	1.20	1.09	23.32	31.48	25.9	-