

Coaxial Amplifier

ZVA-50953X+

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB) 10V	VSWR (:1)		Pout @ 1 dB COMPRESSION (dBm) 10V	Pout at SATURATION (dBm) 10V
		IN 10V	OUT 10V		
45.0	14.93	1.57	1.49	14.1	16.21
46.0	15.25	1.65	1.46	14.3	16.26
47.0	15.44	1.72	1.42	14.4	16.56
48.0	15.57	1.78	1.41	14.7	16.78
49.0	15.70	1.76	1.40	14.7	16.72
50.0	15.87	1.66	1.38	14.7	17.44
51.0	16.08	1.50	1.34	14.6	17.22
52.0	16.26	1.35	1.30	14.6	17.29
53.0	16.36	1.27	1.26	14.6	17.30
54.0	16.44	1.23	1.27	14.5	17.15
55.0	16.46	1.13	1.32	14.4	17.39
56.0	16.44	1.04	1.43	14.5	17.19
57.0	16.29	1.23	1.55	14.0	17.53
58.0	16.07	1.47	1.64	14.0	16.85
59.0	15.89	1.65	1.68	14.0	16.93
60.0	15.88	1.70	1.65	13.9	17.16
61.0	16.08	1.55	1.53	13.9	17.01
62.0	16.37	1.29	1.38	13.8	17.06
63.0	16.56	1.07	1.26	14.0	17.16
64.0	16.73	1.08	1.17	14.1	17.35
65.0	16.90	1.15	1.08	14.0	16.84
66.0	17.07	1.16	1.05	13.9	17.06
67.0	17.24	1.14	1.09	13.6	17.33
68.0	17.36	1.14	1.09	13.7	17.46
69.0	17.44	1.13	1.12	13.8	17.30
70.0	17.49	1.14	1.23	13.8	16.66
71.0	17.50	1.17	1.36	13.7	17.05
72.0	17.45	1.20	1.43	13.8	17.12
73.0	17.42	1.24	1.43	13.9	16.98
74.0	17.33	1.27	1.37	14.0	17.37
75.0	17.19	1.27	1.29	13.9	17.16
76.0	17.02	1.23	1.22	13.9	17.09
77.0	16.90	1.19	1.15	14.0	17.25
78.0	16.77	1.16	1.07	14.3	17.20
79.0	16.59	1.19	1.05	14.2	17.27
80.0	16.34	1.31	1.16	14.1	17.12
81.0	16.05	1.45	1.31	14.0	17.34
82.0	15.88	1.51	1.45	13.9	16.98
83.0	15.91	1.51	1.54	13.9	16.58
84.0	16.08	1.56	1.61	14.1	16.76
85.0	16.32	1.70	1.70	13.7	17.17
86.0	16.75	1.80	1.74	13.5	17.42
87.0	17.35	1.78	1.71	13.3	17.25
88.0	18.00	1.70	1.64	13.7	16.59
89.0	18.45	1.56	1.51	13.3	17.28
90.0	18.48	1.39	1.31	13.3	17.32
91.0	17.95	1.36	1.29	14.33	17.43
92.0	17.18	1.44	1.40	14.52	17.58
93.0	16.44	1.45	1.39	14.63	17.38
94.0	15.84	1.39	1.29	14.53	17.08
95.0	15.14	1.33	1.21	14.79	17.03