

Coaxial Amplifier

ZVA-02653GX+

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	FREQUENCY (GHz)	Noise Figure (dB) 10V
			IN 10V	OUT 10V					
2.0	22.04	67.83	1.41	1.16	19.42	31.54	20.0	2.0	6.34
3.0	23.46	72.83	1.40	1.20	19.48	31.61	20.3	3.0	5.74
4.0	23.76	78.52	1.43	1.27	19.33	31.31	20.3	4.0	5.74
5.0	23.65	69.34	1.46	1.32	19.22	31.22	20.2	5.0	5.73
6.0	23.41	88.74	1.45	1.31	19.06	30.62	20.1	6.0	5.67
7.0	23.10	69.00	1.44	1.27	19.08	30.31	20.2	7.0	5.65
8.0	22.77	78.50	1.46	1.22	18.86	29.57	19.9	8.0	5.70
9.0	22.46	86.28	1.49	1.18	18.70	29.56	19.7	9.0	5.49
10.0	22.25	72.52	1.55	1.19	18.71	29.24	19.7	10.0	5.64
11.0	22.03	70.79	1.60	1.24	18.56	29.08	19.7	11.0	5.73
12.0	21.81	65.80	1.63	1.33	18.45	28.58	19.3	12.0	5.58
13.0	21.54	72.63	1.58	1.47	18.22	28.10	19.1	13.0	5.45
14.0	21.31	67.37	1.50	1.59	17.97	27.80	19.0	14.0	5.05
15.0	21.36	66.40	1.37	1.59	18.03	27.44	19.0	15.0	5.19
16.0	21.52	61.79	1.24	1.52	18.14	27.31	19.0	16.0	5.05
17.0	21.60	66.38	1.21	1.39	18.15	27.07	19.1	17.0	5.07
18.0	21.53	66.99	1.25	1.20	18.03	27.40	19.3	18.0	5.05
19.0	21.55	60.23	1.33	1.02	17.79	26.04	18.6	19.0	5.17
20.0	21.74	58.93	1.35	1.07	17.86	26.32	18.9	20.0	5.01
21.0	21.92	57.69	1.31	1.14	17.86	26.48	19.3	21.0	4.89
22.0	22.00	57.55	1.28	1.20	17.66	25.92	18.8	22.0	4.82
23.0	21.98	53.87	1.22	1.29	17.53	25.63	18.4	23.0	4.83
24.0	21.89	53.10	1.20	1.35	17.41	25.75	18.9	24.0	4.38
25.0	21.78	52.24	1.22	1.42	17.26	25.43	18.5	25.0	4.66
26.0	21.71	49.25	1.21	1.43	17.18	25.16	18.2	26.0	4.66
27.0	21.73	49.24	1.24	1.31	17.15	25.18	18.6	27.0	4.67
28.0	21.78	47.57	1.26	1.20	16.73	24.30	17.9	28.0	4.69
29.0	21.85	46.15	1.27	1.10	16.56	24.13	18.0	29.0	4.50
30.0	22.03	45.31	1.32	1.24	16.57	23.95	18.1	30.0	4.48
31.0	22.14	46.26	1.29	1.33	16.16	23.50	17.6	31.0	4.54
32.0	22.09	45.85	1.24	1.28	16.30	23.81	17.9	32.0	4.65
33.0	21.88	48.55	1.22	1.30	16.26	23.88	17.9	33.0	4.65
34.0	21.62	47.36	1.23	1.53	16.13	23.55	17.6	34.0	4.89
35.0	21.42	45.92	1.34	1.67	16.01	23.50	17.5	35.0	4.83
36.0	21.37	46.67	1.46	1.75	15.81	23.06	17.26	36.0	5.03
37.0	21.44	44.78	1.56	1.77	15.54	22.92	17.14	37.0	4.96
38.0	21.40	42.96	1.61	1.82	15.44	23.07	17.18	38.0	5.03
39.0	21.39	43.02	1.62	1.89	15.35	22.85	17.06	39.0	4.95
40.0	21.37	41.87	1.68	1.91	15.12	22.56	16.95	40.0	4.92
41.0	21.28	41.07	1.67	1.85	14.93	21.84	16.71	41.0	5.19
42.0	21.17	41.52	1.67	1.74	14.80	22.33	17.10	42.0	5.38
43.0	21.17	40.38	1.66	1.56	14.70	21.61	16.99	43.0	4.81
44.0	21.24	39.30	1.55	1.47	15.11	22.25	17.34	44.0	5.48
45.0	21.43	39.77	1.39	1.39	15.15	22.28	17.38	45.0	5.41
46.0	21.54	37.29	1.22	1.29	15.28	22.40	17.26	46.0	5.42
47.0	21.32	39.37	1.15	1.41	15.09	22.33	17.01	47.0	5.73
48.0	20.96	38.55	1.23	1.54	14.99	21.82	16.84	48.0	5.70
49.0	20.79	38.06	1.30	1.48	14.43	21.05	16.42	49.0	5.68
50.0	20.76	38.21	1.44	1.31	13.87	20.47	16.06	50.0	5.68
51.0	20.87	37.31	1.49	1.37	13.28	20.10	15.90	51.0	6.21
52.0	21.19	35.68	1.45	1.57	13.46	20.82	16.25	52.0	6.06
53.0	21.54	35.26	1.48	1.59	13.60	20.85	16.22	53.0	6.21
54.0	21.67	34.59	1.53	1.56	13.45	20.52	16.07	54.0	5.69
55.0	21.57	34.72	1.64	1.52	13.25	19.99	15.73		
56.0	21.48	33.69	1.84	1.42	12.96	20.04	15.67		
57.0	21.55	32.17	1.84	1.24	12.40	20.04	15.44		
58.0	21.49	32.50	1.89	1.07	11.79	18.77	14.62		
59.0	21.63	34.52	1.87	1.12	11.40	18.83	14.50		
60.0	21.64	30.77	1.70	1.24	11.38	19.16	14.61		
61.0	21.37	30.27	1.60	1.29	11.15	19.04	14.30		
62.0	20.94	31.54	1.41	1.55	10.75	18.13	13.53		
63.0	20.07	31.96	1.41	1.62	10.22	17.43	12.42		
64.0	19.05	34.05	1.60	1.09	8.98	17.29	11.99		
65.0	17.27	35.65	1.93	1.21	7.23	16.67	10.10		