

Coaxial Amplifier

ZVA-35703+

Typical Performance Data

FREQUENCY (GHz)	GAIN (dB) 10V	DIRECTIVITY (dB) 10V	VSWR (:1)		FREQUENCY (GHz)	Pout @ 1 dB COMPRESSION (dBm) 10V	Pout at SATURATION (dBm) 10V	OIP3 (dBm) 10V
			IN 10V	OUT 10V				
35.0	17.86	36.40	1.54	1.39	35.0	19.0	21.1	27.27
36.0	18.48	36.21	1.49	1.46	37.0	19.3	21.7	27.26
37.0	19.10	35.20	1.37	1.35	39.0	18.9	21.7	26.75
38.0	19.51	34.37	1.36	1.27	41.0	18.6	21.4	26.12
39.0	19.50	34.44	1.46	1.40	43.0	19.4	21.2	26.01
40.0	19.19	33.85	1.49	1.50	45.0	19.7	21.8	26.30
41.0	18.62	33.36	1.39	1.47	47.0	19.3	21.7	26.50
42.0	17.60	33.23	1.37	1.43	49.0	20.1	22.0	26.92
43.0	16.91	32.96	1.52	1.46	51.0	19.7	21.7	26.86
44.0	17.15	31.99	1.53	1.29	53.0	20.1	21.9	27.23
45.0	17.58	31.07	1.39	1.11	55.0	20.3	22.0	27.51
46.0	17.60	31.40	1.32	1.39	57.0	20.5	22.0	27.96
47.0	17.53	32.40	1.26	1.47	59.0	20.8	22.1	28.60
48.0	17.53	33.37	1.33	1.35	61.0	20.9	22.0	29.19
49.0	17.58	34.71	1.31	1.14	63.0	20.9	21.8	29.59
50.0	17.51	35.73	1.26	1.20	65.0	20.5	21.2	30.25
51.0	17.35	36.10	1.30	1.33	67.0	20.1	20.7	31.34
52.0	17.27	36.41	1.35	1.32	69.0	19.8	20.5	32.45
53.0	17.35	36.12	1.25	1.18	71.0	19.3	19.9	-
54.0	17.38	35.55	1.15	1.10	73.0	19.0	19.7	-
55.0	17.26	35.54	1.27	1.15	75.0	17.1	18.9	-
56.0	17.22	35.08	1.25	1.10				
57.0	17.10	34.10	1.09	1.03				
58.0	17.00	34.90	1.24	1.14				
59.0	17.17	35.36	1.32	1.17				
60.0	17.30	35.82	1.34	1.14				
61.0	17.39	36.20	1.41	1.14				
62.0	17.57	35.89	1.46	1.16				
63.0	17.71	36.65	1.48	1.20				
64.0	17.70	38.00	1.53	1.32				
65.0	17.64	39.67	1.56	1.55				
66.0	17.76	41.01	1.39	1.61				
67.0	17.89	43.96	1.12	1.36				
68.0	17.63	48.82	1.11	1.09				
69.0	17.14	55.34	1.36	1.34				
70.0	16.55	53.51	1.66	1.50				
71.0	16.41	52.86	1.53	1.43				
72.0	16.58	50.19	1.11	1.22				
73.0	16.07	50.07	1.41	1.11				
74.0	14.49	56.31	1.63	1.61				
75.0	12.85	60.34	1.43	1.85				