

# Super Ultra Wideband Amplifier

# ZVE-403-K+

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 12V	DIRECTIVITY (dB) 12V	VSWR (:1)		NOISE FIGURE (dB) 12V	Pout at 1 dB COMPRESSION	Pout at 3 dB COMPRESSION	OUTPUT IP3 (dBm) 12V
			IN 12V	OUT 12V		(dBm) 12V	(dBm) 12V	
25000	24.96	23.52	2.12	1.37	7.79	19.54	20.74	27.81
25500	24.83	24.27	1.97	1.38	8.07	20.24	21.36	27.41
26000	24.79	24.93	1.80	1.39	7.99	20.08	21.17	27.46
26500	24.76	25.53	1.63	1.40	7.62	20.17	21.25	27.40
27000	24.65	26.11	1.47	1.44	7.86	19.87	20.95	27.59
27500	24.44	26.55	1.34	1.47	7.79	19.72	20.89	27.74
28000	24.12	27.09	1.24	1.52	7.67	19.88	21.12	27.30
28500	23.71	27.54	1.19	1.56	7.85	19.67	20.97	27.73
29000	23.26	27.79	1.20	1.59	7.97	19.42	20.71	28.03
29500	22.80	28.49	1.23	1.61	7.75	19.41	20.64	28.06
30000	22.54	31.56	1.29	1.65	7.77	19.13	20.42	27.79
30500	22.36	33.24	1.38	1.72	8.12	19.10	20.37	28.08
31000	22.17	33.23	1.44	1.77	8.06	19.31	20.64	27.92
31500	22.06	33.55	1.49	1.81	7.67	18.86	20.18	27.92
32000	21.96	34.08	1.52	1.82	8.05	18.89	20.16	27.86
32500	21.84	34.13	1.55	1.79	8.63	19.03	20.38	27.56
33000	21.75	34.13	1.58	1.75	8.65	18.82	20.12	27.75
33500	21.73	34.02	1.60	1.69	8.33	18.82	20.14	27.37
34000	21.78	33.72	1.61	1.65	8.39	18.85	20.20	27.11
34500	21.90	33.30	1.62	1.59	8.65	18.72	20.05	27.00
35000	22.04	32.55	1.61	1.55	8.48	18.72	20.06	26.96
35500	22.18	31.77	1.61	1.50	8.00	18.95	20.31	26.67
36000	22.28	31.00	1.62	1.48	7.87	18.81	20.09	26.67
36500	22.32	31.74	1.64	1.46	8.08	18.80	19.96	26.34
37000	22.34	31.22	1.65	1.44	8.07	18.84	19.98	26.23
37500	22.32	29.33	1.66	1.43	7.90	18.28	19.39	25.82
38000	22.21	28.68	1.69	1.46	7.95	18.81	19.90	25.68
38500	22.01	28.64	1.72	1.53	8.09	18.78	19.80	25.73
39000	21.75	28.77	1.75	1.62	8.01	18.73	19.75	25.61
39500	21.44	28.59	1.79	1.78	7.79	18.44	19.44	25.49
40000	21.25	29.21	1.79	1.95	7.97	18.34	19.33	25.34
40500	20.91	31.50	1.75	2.11	--	18.52	19.47	25.30
41000	20.53	31.55	1.74	2.31	--	18.03	19.07	25.29
41500	20.16	30.88	1.70	2.54	--	17.69	18.72	25.18
42000	19.79	29.73	1.63	2.78	--	17.48	18.52	24.71



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IF/RF MICROWAVE COMPONENTS

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