

# Coaxial Amplifier

# ZVA-543HP(X)+

## Typical Performance Data

FREQUENCY (GHz)	GAIN (dB) 10V	DIRECTIVITY (dB) 10V	VSWR (:1)		OIP3 (dBm) 10V	Pout @ 1 dB COMPRESSION (dBm) 10V	Pout at SATURATION (dBm) 10V	Noise Figure (dB) 10V
			IN 10V	OUT 10V				
18.0	26.7	63.9	1.1	1.4	27.4	24.5	25.0	5.3
19.0	29.9	62.0	1.1	1.2	30.0	27.3	28.1	5.6
20.0	31.7	61.3	1.2	1.1	32.2	28.9	29.5	5.5
21.0	32.5	60.6	1.3	1.1	33.8	29.9	30.2	5.4
22.0	32.8	60.7	1.3	1.2	34.6	30.5	30.8	5.4
23.0	33.0	60.8	1.2	1.1	34.9	30.9	31.2	5.4
24.0	33.2	59.3	1.2	1.1	35.6	31.0	31.2	5.4
25.0	33.3	60.0	1.2	1.2	35.9	31.0	31.3	5.4
26.0	33.5	57.3	1.2	1.1	36.0	31.1	31.5	5.6
27.0	33.4	55.3	1.2	1.1	37.3	31.2	31.7	5.8
28.0	33.0	53.3	1.2	1.2	37.2	31.5	31.9	6.0
29.0	32.6	53.9	1.2	1.2	36.0	30.8	31.7	6.1
30.0	32.5	55.1	1.2	1.1	36.0	30.7	31.7	6.3
31.0	32.6	54.6	1.1	1.1	36.6	31.0	31.8	6.6
32.0	32.7	54.0	1.3	1.1	37.0	31.0	31.8	6.8
33.0	33.0	50.8	1.4	1.1	37.3	30.9	31.8	6.9
34.0	33.3	48.8	1.4	1.2	36.9	30.7	31.6	7.0
35.0	33.4	47.4	1.3	1.5	36.5	30.4	31.3	7.1
36.0	33.7	47.2	1.2	1.5	35.7	30.1	30.9	7.1
37.0	33.9	50.9	1.2	1.7	35.9	29.9	30.7	7.4
38.0	33.8	49.2	1.3	1.9	35.9	29.6	30.5	7.4
39.0	33.5	50.9	1.3	1.8	36.4	29.5	30.0	7.7
40.0	32.8	50.8	1.1	1.9	38.2	29.1	29.5	7.6
41.0	31.9	51.1	1.0	1.6	38.4	28.7	29.2	7.8
42.0	31.1	50.3	1.1	1.8	36.4	28.6	29.1	8.1
43.0	30.6	50.7	1.2	1.4	37.2	28.3	28.9	8.2
44.0	30.3	48.3	1.3	1.5	37.7	28.3	28.7	8.3
45.0	30.1	49.5	1.4	1.2	36.8	28.1	28.5	8.5
46.0	30.2	49.5	1.3	1.1	37.1	27.6	28.5	8.6
47.0	30.3	46.8	1.2	1.2	35.4	27.5	28.3	9.0
48.0	30.3	46.8	1.4	1.3	35.2	27.3	28.1	9.0
49.0	30.3	47.1	1.4	1.5	34.5	27.1	27.8	9.2
50.0	30.3	46.9	1.4	1.7	34.1	27.0	27.9	9.2
51.0	30.4	48.3	1.5	1.9	33.8	27.2	28.0	-
52.0	30.9	47.8	1.5	1.8	33.8	27.4	27.8	-
53.0	31.8	45.9	1.3	1.5	35.0	27.1	27.5	-
54.0	32.4	46.5	1.1	1.6	35.1	26.6	27.4	-