

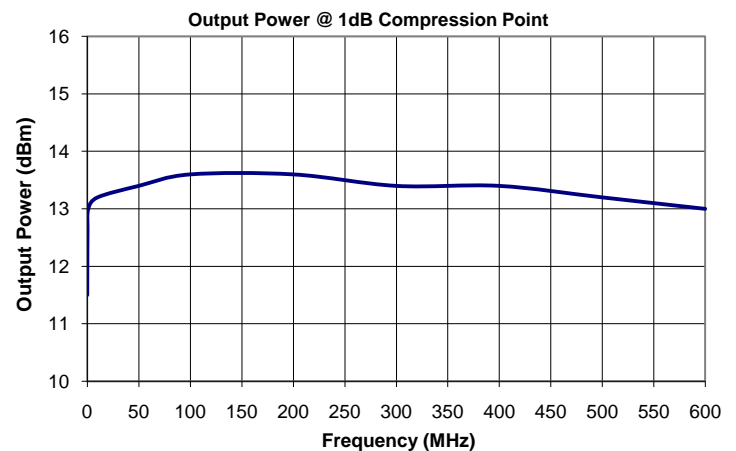
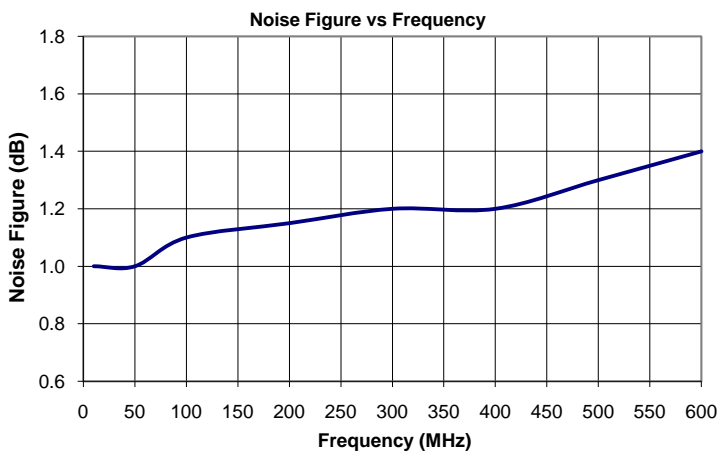
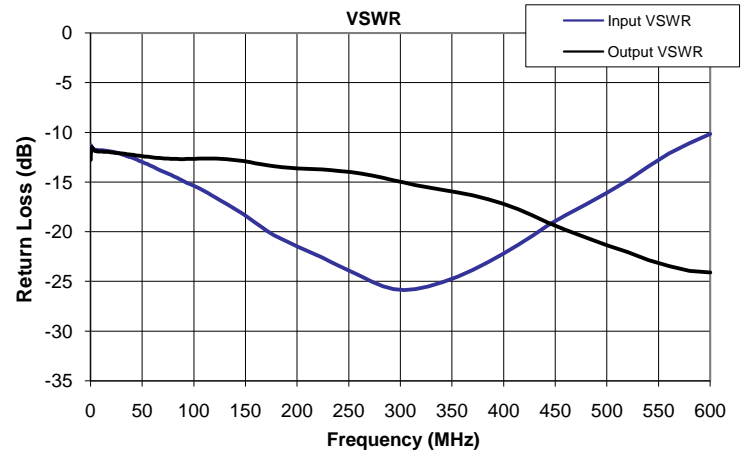
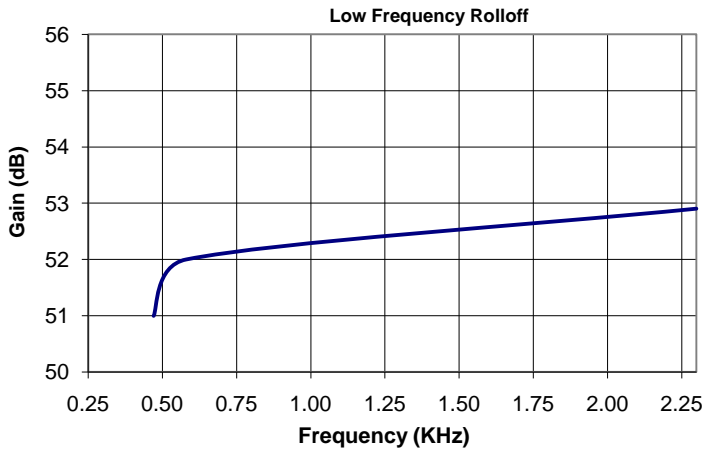
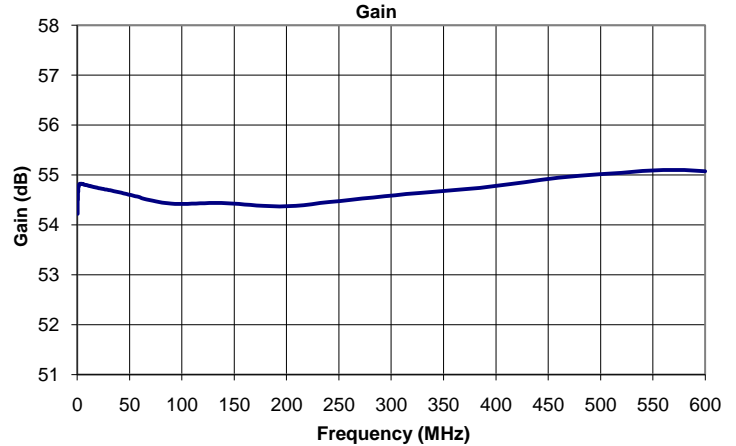
AU-1332

Features

- 3-Year Warranty
- Very Low Frequency Operation
- Very Low Noise Figure
- Internally regulated to +12V
- Reverse voltage protected
- Input Limiter Protected

Parameter	Specification
Frequency Range	0.001-500 MHz Min.
Gain	49 dB Min.
Gain Flatness	± 0.75 dB Max.
Input VSWR	2.0:1 Max.
Output VSWR	2.0:1 Max.
*Noise Figure (dB)	1.2, 1.2, 1.4
Output P1dB	+12 dBm Min.
DC Voltage	+15 to +30V (Marked for +15V)
DC Current	110 mA

*Noise Figure at 10 MHz, 250 MHz & 500 MHz



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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
0.30	54.2	-79.4	-11.3	-12.8	27.3
0.31	54.2	-77.7	-11.3	-12.7	35.4
0.33	54.3	-76.8	-11.3	-12.6	33.2
0.34	54.3	-76.6	-11.4	-12.5	35.8
0.35	54.3	-76.5	-11.4	-12.4	34.8
0.37	54.3	-76.1	-11.4	-12.4	37.1
0.38	54.4	-75.8	-11.4	-12.3	34.8
0.39	54.4	-75.9	-11.4	-12.2	32.4
0.41	54.4	-76.0	-11.4	-12.2	35.5
0.42	54.4	-76.1	-11.4	-12.1	30.8
0.44	54.5	-76.1	-11.4	-12.1	28.7
0.46	54.5	-76.2	-11.4	-12.0	27.3
0.48	54.5	-76.2	-11.4	-12.0	26.2
0.50	54.5	-76.2	-11.4	-11.9	25.7
0.51	54.6	-76.0	-11.4	-11.9	22.2
0.53	54.6	-76.1	-11.4	-11.9	23.7
0.55	54.6	-76.1	-11.4	-11.8	22.2
0.57	54.6	-76.2	-11.4	-11.8	20.8
0.60	54.6	-76.3	-11.5	-11.8	20.7
0.62	54.6	-76.1	-11.5	-11.7	19.1
0.65	54.6	-75.9	-11.5	-11.7	19.2
0.67	54.6	-76.1	-11.5	-11.7	19.2
0.70	54.6	-76.1	-11.4	-11.6	17.5
0.72	54.6	-76.3	-11.4	-11.6	17.8
0.75	54.6	-76.2	-11.4	-11.6	18.0
0.78	54.7	-76.3	-11.4	-11.6	17.5
0.81	54.7	-76.2	-11.4	-11.5	18.3
0.84	54.7	-76.0	-11.4	-11.5	19.3
0.88	54.7	-76.1	-11.4	-11.5	18.5
0.91	54.7	-76.4	-11.4	-11.5	16.7
0.95	54.7	-76.3	-11.4	-11.5	16.2
0.98	54.7	-76.2	-11.5	-11.5	15.3
1.02	54.7	-76.4	-11.5	-11.5	14.2
1.05	54.8	-76.6	-11.5	-11.5	13.1
1.09	54.8	-76.5	-11.5	-11.5	12.8
1.14	54.8	-76.5	-11.5	-11.5	11.4
1.19	54.8	-76.5	-11.5	-11.5	9.8
1.23	54.8	-76.5	-11.5	-11.5	10.0
1.28	54.8	-76.2	-11.5	-11.5	10.3
1.33	54.8	-76.1	-11.5	-11.5	9.8
1.38	54.8	-76.1	-11.5	-11.5	10.3
1.43	54.8	-75.9	-11.5	-11.5	10.5
1.48	54.8	-75.7	-11.5	-11.5	10.5
1.54	54.8	-75.7	-11.5	-11.5	10.7
1.61	54.8	-75.8	-11.5	-11.5	10.9
1.67	54.8	-75.7	-11.5	-11.5	11.0
1.74	54.8	-75.6	-11.6	-11.6	11.0
1.80	54.8	-75.7	-11.6	-11.6	10.6
1.87	54.8	-75.8	-11.6	-11.6	10.2
1.93	54.8	-75.7	-11.6	-11.6	10.1
2.01	54.8	-75.9	-11.6	-11.6	9.6
2.10	54.8	-75.8	-11.6	-11.6	9.3
2.18	54.8	-76.1	-11.6	-11.7	8.9

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
2.27	54.8	-75.9	-11.6	-11.7	8.5
2.36	54.8	-75.9	-11.6	-11.7	8.1
2.45	54.8	-75.9	-11.7	-11.7	7.7
2.54	54.8	-75.9	-11.7	-11.7	8.0
2.63	54.8	-75.9	-11.7	-11.7	8.2
2.72	54.8	-75.9	-11.7	-11.7	7.7
2.82	54.8	-75.8	-11.7	-11.7	7.9
2.95	54.8	-75.8	-11.7	-11.8	8.0
3.07	54.8	-75.7	-11.7	-11.8	8.1
3.19	54.8	-75.8	-11.7	-11.8	8.2
3.32	54.8	-75.7	-11.7	-11.8	7.9
3.44	54.8	-75.8	-11.7	-11.8	8.0
3.56	54.8	-75.8	-11.7	-11.8	8.1
3.69	54.8	-75.7	-11.7	-11.8	8.1
3.83	54.8	-75.6	-11.7	-11.8	8.4
3.99	54.8	-75.5	-11.7	-11.8	8.1
4.16	54.8	-75.7	-11.7	-11.8	8.2
4.33	54.8	-75.7	-11.7	-11.8	8.1
4.49	54.8	-75.6	-11.7	-11.8	8.0
4.66	54.8	-75.8	-11.7	-11.8	8.1
4.83	54.8	-75.8	-11.7	-11.9	7.9
4.99	54.8	-75.8	-11.7	-11.9	7.9
5.19	54.8	-75.7	-11.7	-11.9	7.8
5.42	54.8	-75.8	-11.8	-11.9	7.6
5.65	54.8	-75.9	-11.8	-11.9	7.5
5.88	54.8	-75.8	-11.8	-11.9	7.4
6.11	54.8	-75.7	-11.8	-11.9	7.3
6.34	54.8	-75.7	-11.8	-11.9	7.3
6.57	54.8	-75.5	-11.8	-11.9	7.2
6.80	54.8	-75.5	-11.8	-11.9	7.4
7.03	54.8	-75.5	-11.8	-11.9	7.2
7.30	54.8	-75.6	-11.8	-11.9	7.3
7.62	54.8	-75.5	-11.8	-11.9	7.3
7.94	54.8	-75.5	-11.8	-11.9	7.3
8.26	54.8	-75.5	-11.8	-11.9	7.3
8.58	54.8	-75.6	-11.8	-11.9	7.3
8.89	54.8	-75.6	-11.8	-11.9	7.3
9.21	54.8	-75.7	-11.8	-11.9	7.3
9.53	54.8	-75.9	-11.8	-11.9	7.2
9.90	54.8	-75.8	-11.8	-11.9	7.2
10.3	54.8	-75.7	-11.8	-11.9	7.2
10.8	54.8	-75.8	-11.8	-11.9	7.2
11.2	54.8	-75.9	-11.8	-11.9	7.2
11.7	54.8	-75.8	-11.8	-11.9	7.1
12.1	54.8	-75.8	-11.8	-11.9	7.2
12.5	54.8	-75.7	-11.8	-11.9	7.1
13.0	54.8	-75.6	-11.8	-11.9	7.1
13.4	54.8	-75.6	-11.8	-11.9	7.1
13.9	54.8	-75.8	-11.8	-12.0	7.1
14.5	54.8	-75.9	-11.8	-12.0	7.2
15.1	54.8	-75.8	-11.8	-12.0	7.1
15.8	54.8	-75.8	-11.9	-12.0	7.2
16.4	54.8	-75.7	-11.9	-12.0	7.1

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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
17.0	54.8	-75.6	-11.9	-12.0	7.1
17.6	54.8	-75.9	-11.9	-12.0	7.1
18.2	54.7	-75.9	-11.9	-12.0	7.1
18.9	54.7	-75.8	-11.9	-12.0	7.1
19.7	54.7	-75.8	-11.9	-12.0	7.1
20.5	54.7	-75.6	-11.9	-12.0	7.1
21.4	54.7	-75.7	-11.9	-12.0	7.1
22.2	54.7	-75.7	-12.0	-12.0	7.1
23.0	54.7	-75.7	-12.0	-12.0	7.1
23.8	54.7	-75.8	-12.0	-12.0	7.1
24.6	54.7	-75.8	-12.0	-12.1	7.0
25.6	54.7	-75.8	-12.1	-12.1	7.0
26.7	54.7	-75.7	-12.1	-12.1	7.1
27.9	54.7	-75.7	-12.1	-12.1	7.1
29.0	54.7	-75.8	-12.2	-12.1	7.1
30.1	54.7	-75.8	-12.2	-12.1	7.1
31.3	54.7	-75.7	-12.2	-12.1	7.1
32.4	54.7	-75.7	-12.3	-12.1	7.1
33.6	54.7	-75.6	-12.3	-12.2	7.1
34.7	54.7	-75.4	-12.4	-12.2	7.1
36.0	54.7	-75.4	-12.4	-12.2	7.1
37.6	54.7	-75.5	-12.5	-12.2	7.1
39.2	54.7	-75.3	-12.5	-12.2	7.1
40.7	54.6	-75.4	-12.6	-12.3	7.1
42.3	54.6	-75.2	-12.6	-12.3	7.0
43.9	54.6	-75.3	-12.7	-12.3	7.1
45.5	54.6	-75.2	-12.8	-12.3	7.1
47.0	54.6	-75.2	-12.8	-12.3	7.1
48.8	54.6	-75.2	-12.9	-12.4	7.0
51.0	54.6	-75.1	-13.0	-12.4	7.0
53.1	54.6	-75.0	-13.1	-12.4	7.0
55.2	54.6	-74.9	-13.2	-12.4	7.0
57.4	54.6	-74.8	-13.3	-12.5	7.0
59.5	54.6	-74.8	-13.4	-12.5	7.0
61.6	54.5	-74.8	-13.5	-12.5	7.0
63.7	54.5	-74.9	-13.6	-12.6	7.0
66.2	54.5	-74.9	-13.7	-12.6	7.0
69.1	54.5	-74.9	-13.9	-12.6	7.0
72.1	54.5	-74.9	-14.0	-12.6	7.0
75.0	54.5	-74.9	-14.1	-12.6	7.0
78.0	54.5	-74.9	-14.3	-12.7	7.0
80.9	54.4	-74.9	-14.4	-12.7	7.0
83.8	54.4	-74.9	-14.6	-12.7	7.0
86.8	54.4	-74.7	-14.7	-12.7	6.9
89.7	54.4	-74.7	-14.9	-12.7	6.9
93.2	54.4	-74.6	-15.1	-12.7	7.0
97.3	54.4	-74.5	-15.2	-12.7	7.0
101.3	54.4	-74.5	-15.4	-12.7	7.0
105.4	54.4	-74.4	-15.6	-12.6	7.0
109.4	54.4	-74.3	-15.8	-12.6	7.0
113.5	54.4	-74.3	-16.1	-12.6	7.0
117.5	54.4	-74.2	-16.3	-12.6	7.0
121.6	54.4	-74.2	-16.6	-12.6	7.0

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
126.3	54.4	-74.2	-16.9	-12.7	7.0
131.9	54.4	-74.1	-17.2	-12.7	7.0
137.5	54.4	-74.0	-17.5	-12.8	7.0
143.1	54.4	-74.0	-17.9	-12.8	7.0
148.8	54.4	-73.9	-18.3	-12.9	7.0
154.4	54.4	-73.7	-18.7	-13.0	7.0
160.0	54.4	-73.6	-19.1	-13.1	7.0
165.6	54.4	-73.7	-19.5	-13.2	7.0
171.2	54.4	-73.6	-19.9	-13.3	7.0
177.8	54.4	-73.5	-20.3	-13.4	7.0
185.6	54.4	-73.5	-20.7	-13.5	7.0
193.3	54.4	-73.5	-21.1	-13.6	7.0
201.0	54.4	-73.5	-21.5	-13.6	7.0
208.8	54.4	-73.5	-21.9	-13.7	7.0
216.5	54.4	-73.5	-22.2	-13.7	7.0
224.3	54.4	-73.6	-22.6	-13.7	7.0
232.0	54.4	-73.7	-23.0	-13.8	7.0
241.0	54.5	-73.7	-23.4	-13.9	7.0
251.5	54.5	-73.8	-23.9	-14.0	7.0
262.0	54.5	-73.7	-24.5	-14.2	7.0
272.5	54.5	-73.6	-25.0	-14.3	7.0
283.0	54.5	-73.6	-25.5	-14.6	7.0
293.5	54.6	-73.6	-25.8	-14.8	7.0
304.0	54.6	-73.7	-25.9	-15.1	7.0
314.5	54.6	-73.6	-25.8	-15.3	7.0
326.6	54.6	-73.5	-25.5	-15.5	7.0
341.1	54.7	-73.6	-25.1	-15.8	7.1
355.7	54.7	-73.5	-24.5	-16.0	7.1
370.2	54.7	-73.6	-23.8	-16.3	7.1
384.7	54.7	-73.6	-23.1	-16.7	7.1
399.2	54.8	-73.7	-22.2	-17.2	7.1
413.7	54.8	-73.8	-21.3	-17.7	7.1
428.2	54.9	-73.8	-20.4	-18.4	7.1
442.7	54.9	-74.0	-19.4	-19.1	7.1
459.8	54.9	-74.0	-18.3	-19.8	7.1
479.9	55.0	-74.2	-17.2	-20.6	7.2
499.9	55.0	-74.4	-16.1	-21.4	7.2
519.9	55.0	-74.7	-14.9	-22.0	7.2
539.9	55.1	-75.0	-13.4	-22.8	7.2
560.0	55.1	-75.3	-12.1	-23.5	7.3
580.0	55.1	-75.8	-11.1	-24.0	7.3
600.0	55.1	-76.2	-10.1	-24.1	7.3