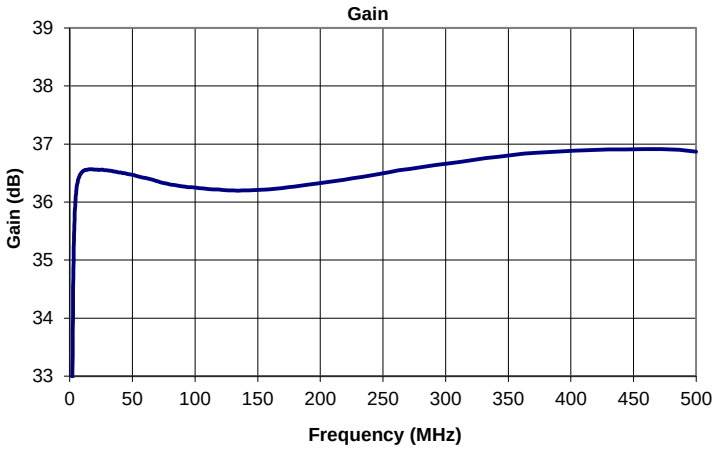
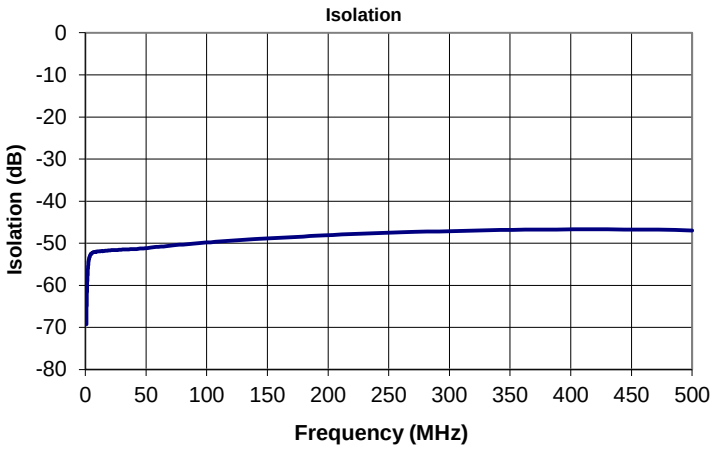
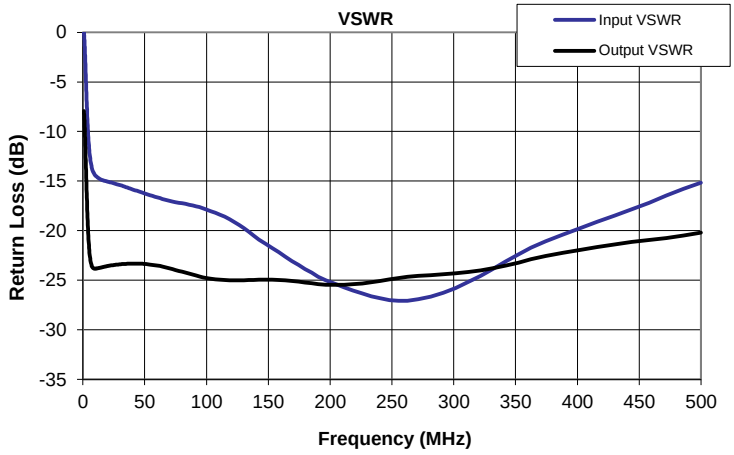
AU-1114

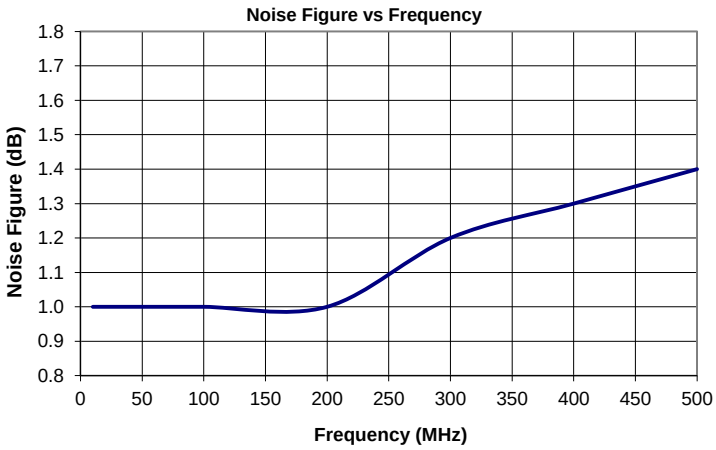
Features

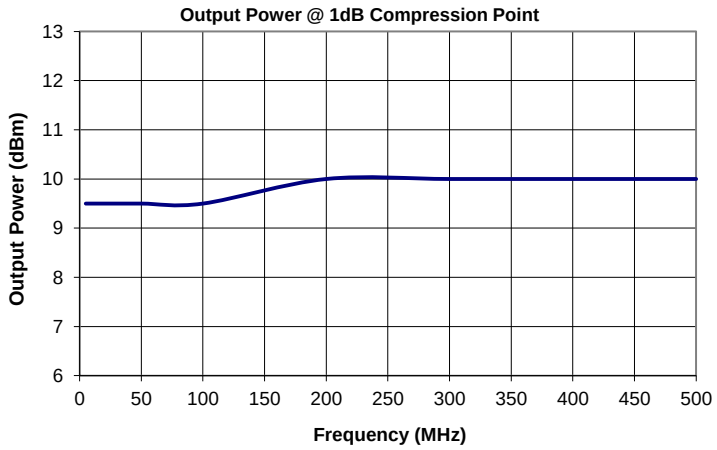
- 3-Year Warranty
- Very Low Noise Figure / No Internal Ferrites
- 1.0 µSec Typical Recovery Time
- Internally regulated to +9V
- Reverse voltage protected
- Input Limiter Protected











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12/9/2010

AU-1114

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
0.80	19.9	-69.2	0.0	-7.9	133.0
0.83	20.5	-68.2	0.0	-8.0	126.0
0.86	21.0	-67.7	0.0	-8.0	136.9
0.89	21.6	-67.2	-0.1	-8.1	133.3
0.92	22.1	-66.7	-0.1	-8.1	135.4
0.95	22.6	-66.2	-0.2	-8.2	134.3
0.98	23.1	-65.6	-0.2	-8.2	134.8
1.01	23.6	-65.3	-0.3	-8.3	137.4
1.04	24.1	-64.9	-0.3	-8.3	133.2
1.07	24.5	-64.3	-0.4	-8.4	132.5
1.10	25.0	-63.8	-0.5	-8.5	133.5
1.14	25.5	-63.3	-0.5	-8.6	133.0
1.19	26.0	-62.9	-0.6	-8.7	132.4
1.23	26.5	-62.5	-0.7	-8.8	131.9
1.27	26.9	-62.0	-0.8	-8.9	128.8
1.31	27.4	-61.5	-0.9	-9.0	128.5
1.35	27.8	-61.1	-1.0	-9.1	127.6
1.39	28.3	-60.6	-1.1	-9.2	127.1
1.43	28.7	-60.2	-1.2	-9.4	124.9
1.47	29.1	-59.8	-1.3	-9.5	124.6
1.52	29.5	-59.4	-1.5	-9.7	121.7
1.58	29.9	-58.9	-1.6	-9.9	120.4
1.64	30.3	-58.5	-1.8	-10.0	117.7
1.69	30.6	-58.2	-2.0	-10.2	119.0
1.75	31.0	-57.9	-2.1	-10.5	115.6
1.81	31.3	-57.5	-2.3	-10.7	112.4
1.86	31.7	-57.2	-2.5	-10.9	110.2
1.92	32.0	-56.9	-2.8	-11.1	107.9
1.98	32.3	-56.5	-3.0	-11.4	104.9
2.03	32.6	-56.3	-3.2	-11.7	103.3
2.10	32.8	-56.0	-3.5	-12.0	97.5
2.18	33.1	-55.7	-3.7	-12.3	95.2
2.26	33.3	-55.4	-4.0	-12.6	91.9
2.34	33.6	-55.1	-4.3	-12.9	87.8
2.42	33.8	-54.9	-4.6	-13.2	85.5
2.49	34.0	-54.6	-4.9	-13.6	81.0
2.57	34.2	-54.5	-5.2	-13.9	77.7
2.65	34.4	-54.3	-5.5	-14.3	73.8
2.73	34.5	-54.1	-5.8	-14.7	70.6
2.8	34.7	-54.0	-6.1	-15.1	68.0
2.9	34.8	-53.9	-6.4	-15.4	63.1
3.0	35.0	-53.7	-6.8	-15.8	60.3
3.1	35.1	-53.6	-7.1	-16.3	58.2
3.2	35.2	-53.5	-7.4	-16.7	54.7
3.3	35.3	-53.4	-7.8	-17.1	51.7
3.4	35.4	-53.3	-8.1	-17.5	48.6
3.5	35.5	-53.2	-8.5	-17.9	46.0
3.7	35.6	-53.0	-8.8	-18.3	43.4
3.8	35.7	-53.0	-9.1	-18.7	41.0
3.9	35.8	-52.9	-9.4	-19.0	39.5
4.0	35.8	-52.8	-9.7	-19.4	36.8
4.1	35.9	-52.7	-10.0	-19.8	34.1
4.3	35.9	-52.7	-10.3	-20.2	32.0

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
4.4	36.0	-52.6	-10.6	-20.5	30.5
4.6	36.0	-52.5	-10.9	-20.8	28.6
4.7	36.1	-52.5	-11.2	-21.2	27.6
4.9	36.1	-52.5	-11.4	-21.5	25.2
5.0	36.2	-52.4	-11.7	-21.7	24.0
5.2	36.2	-52.4	-11.9	-22.0	22.3
5.3	36.2	-52.4	-12.1	-22.2	20.8
5.5	36.3	-52.3	-12.3	-22.4	20.0
5.7	36.3	-52.3	-12.5	-22.6	18.6
5.9	36.3	-52.3	-12.7	-22.8	17.6
6.1	36.3	-52.2	-12.9	-23.0	16.9
6.3	36.4	-52.2	-13.1	-23.1	15.4
6.5	36.4	-52.1	-13.2	-23.3	14.7
6.8	36.4	-52.1	-13.4	-23.4	13.6
7.0	36.4	-52.1	-13.5	-23.5	12.9
7.2	36.4	-52.1	-13.6	-23.5	12.6
7.4	36.4	-52.0	-13.7	-23.6	11.4
7.6	36.4	-52.1	-13.8	-23.7	10.9
7.9	36.5	-52.1	-13.9	-23.7	10.3
8.2	36.5	-52.0	-14.0	-23.7	9.6
8.5	36.5	-52.0	-14.1	-23.8	8.9
8.8	36.5	-52.0	-14.2	-23.8	8.6
9.0	36.5	-52.0	-14.2	-23.8	8.1
9.3	36.5	-52.0	-14.3	-23.8	7.8
9.6	36.5	-52.0	-14.4	-23.8	7.2
9.9	36.5	-52.0	-14.4	-23.8	7.1
10.2	36.5	-51.9	-14.5	-23.8	6.6
10.5	36.5	-51.9	-14.5	-23.8	6.4
10.9	36.5	-52.0	-14.5	-23.8	6.0
11.3	36.5	-51.9	-14.6	-23.8	5.7
11.7	36.5	-51.9	-14.6	-23.8	5.4
12.1	36.6	-51.9	-14.6	-23.8	5.2
12.5	36.6	-51.9	-14.7	-23.8	4.9
12.9	36.6	-51.9	-14.7	-23.8	4.5
13.3	36.6	-51.9	-14.7	-23.8	4.3
13.6	36.6	-51.9	-14.8	-23.7	4.2
14.0	36.6	-51.9	-14.8	-23.7	4.1
14.5	36.6	-51.9	-14.8	-23.7	3.7
15.0	36.6	-51.8	-14.9	-23.7	3.6
15.6	36.6	-51.8	-14.9	-23.7	3.5
16.1	36.6	-51.8	-14.9	-23.7	3.3
16.7	36.6	-51.8	-14.9	-23.7	3.1
17.2	36.6	-51.8	-15.0	-23.6	3.2
17.8	36.6	-51.8	-15.0	-23.6	3.0
18.3	36.6	-51.7	-15.0	-23.6	2.8
18.9	36.6	-51.7	-15.0	-23.6	2.7
19.4	36.6	-51.7	-15.0	-23.6	2.7
20.0	36.6	-51.7	-15.1	-23.6	2.6
20.7	36.6	-51.7	-15.1	-23.5	2.5
21.4	36.6	-51.7	-15.1	-23.5	2.4
22.2	36.6	-51.7	-15.1	-23.5	2.5
23.0	36.6	-51.6	-15.1	-23.5	2.3
23.7	36.6	-51.6	-15.2	-23.5	2.3

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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
24.5	36.6	-51.6	-15.2	-23.5	2.2
25.3	36.6	-51.6	-15.2	-23.5	2.1
26.1	36.6	-51.6	-15.3	-23.4	1.9
26.8	36.6	-51.6	-15.3	-23.4	1.9
27.6	36.5	-51.6	-15.3	-23.4	1.9
28.5	36.5	-51.6	-15.4	-23.4	1.9
29.6	36.5	-51.5	-15.4	-23.4	1.8
30.6	36.5	-51.5	-15.4	-23.4	1.7
31.7	36.5	-51.5	-15.5	-23.4	1.6
32.8	36.5	-51.5	-15.5	-23.4	1.7
33.8	36.5	-51.5	-15.6	-23.4	1.7
34.9	36.5	-51.5	-15.6	-23.3	1.6
35.9	36.5	-51.4	-15.6	-23.3	1.6
37.0	36.5	-51.4	-15.7	-23.3	1.6
38.1	36.5	-51.4	-15.8	-23.3	1.6
39.3	36.5	-51.4	-15.8	-23.3	1.4
40.8	36.5	-51.4	-15.9	-23.3	1.5
42.3	36.5	-51.4	-15.9	-23.3	1.5
43.7	36.5	-51.3	-16.0	-23.3	1.5
45.2	36.5	-51.3	-16.0	-23.3	1.4
46.7	36.5	-51.2	-16.1	-23.3	1.5
48.1	36.5	-51.2	-16.2	-23.3	1.4
49.6	36.5	-51.2	-16.2	-23.3	1.4
51.1	36.5	-51.2	-16.3	-23.4	1.4
52.5	36.5	-51.1	-16.4	-23.4	1.4
54.2	36.4	-51.0	-16.4	-23.4	1.3
56.3	36.4	-51.0	-16.5	-23.4	1.3
58.3	36.4	-50.9	-16.6	-23.5	1.3
60.3	36.4	-50.9	-16.6	-23.5	1.3
62.4	36.4	-50.8	-16.7	-23.6	1.3
64.4	36.4	-50.8	-16.8	-23.6	1.3
66.4	36.4	-50.7	-16.9	-23.7	1.3
68.4	36.4	-50.6	-16.9	-23.7	1.2
70.5	36.4	-50.5	-17.0	-23.8	1.2
72.5	36.3	-50.5	-17.1	-23.9	1.2
74.8	36.3	-50.4	-17.1	-24.0	1.2
77.6	36.3	-50.4	-17.2	-24.1	1.2
80.4	36.3	-50.3	-17.2	-24.1	1.2
83.2	36.3	-50.2	-17.3	-24.2	1.2
86.0	36.3	-50.2	-17.4	-24.3	1.1
88.8	36.3	-50.1	-17.5	-24.4	1.2
91.6	36.3	-50.0	-17.5	-24.5	1.2
94.4	36.3	-50.0	-17.6	-24.6	1.1
97.2	36.3	-49.9	-17.7	-24.7	1.1
100.0	36.2	-49.8	-17.9	-24.8	1.1
103.3	36.2	-49.8	-18.0	-24.9	1.1
107.1	36.2	-49.7	-18.2	-24.9	1.1
111.0	36.2	-49.6	-18.4	-25.0	1.1
114.8	36.2	-49.5	-18.6	-25.0	1.1
118.7	36.2	-49.4	-18.8	-25.0	1.1
122.5	36.2	-49.4	-19.1	-25.0	1.1
126.4	36.2	-49.3	-19.4	-25.0	1.1
130.3	36.2	-49.2	-19.7	-25.0	1.1
134.1	36.2	-49.1	-20.1	-25.0	1.1
138.0	36.2	-49.0	-20.5	-25.0	1.1
142.5	36.2	-49.0	-20.9	-25.0	1.1
147.8	36.2	-48.9	-21.3	-24.9	1.1
153.1	36.2	-48.8	-21.8	-25.0	1.1
158.4	36.2	-48.7	-22.2	-25.0	1.1
163.8	36.2	-48.6	-22.6	-25.0	1.1
169.1	36.2	-48.6	-23.1	-25.1	1.1
174.4	36.3	-48.5	-23.5	-25.1	1.1
179.7	36.3	-48.4	-23.9	-25.2	1.1
185.0	36.3	-48.3	-24.2	-25.3	1.1
190.4	36.3	-48.2	-24.6	-25.4	1.1
196.6	36.3	-48.1	-25.0	-25.4	1.1
203.9	36.3	-48.0	-25.4	-25.5	1.1
211.3	36.4	-47.9	-25.7	-25.5	1.1
218.6	36.4	-47.8	-26.0	-25.4	1.1
226.0	36.4	-47.7	-26.3	-25.3	1.1
233.3	36.4	-47.6	-26.6	-25.2	1.1
240.6	36.5	-47.6	-26.8	-25.1	1.1
248.0	36.5	-47.5	-27.0	-24.9	1.1
255.3	36.5	-47.4	-27.1	-24.8	1.2
262.7	36.5	-47.4	-27.1	-24.7	1.2
271.2	36.6	-47.3	-26.9	-24.6	1.2
281.4	36.6	-47.2	-26.7	-24.5	1.2
291.5	36.6	-47.2	-26.3	-24.4	1.2
301.6	36.7	-47.1	-25.8	-24.3	1.2
311.8	36.7	-47.1	-25.2	-24.2	1.2
321.9	36.7	-47.0	-24.5	-24.0	1.2
332.0	36.8	-46.9	-23.8	-23.8	1.2
342.1	36.8	-46.9	-23.1	-23.5	1.2
352.3	36.8	-46.8	-22.4	-23.2	1.2
362.4	36.8	-46.8	-21.7	-22.9	1.2
374.2	36.9	-46.7	-21.1	-22.6	1.2
388.2	36.9	-46.7	-20.4	-22.2	1.3
402.2	36.9	-46.7	-19.8	-21.9	1.3
416.2	36.9	-46.7	-19.1	-21.7	1.3
430.1	36.9	-46.7	-18.5	-21.4	1.3
444.1	36.9	-46.7	-17.8	-21.1	1.3
458.1	36.9	-46.8	-17.2	-20.9	1.3
472.1	36.9	-46.8	-16.5	-20.7	1.3
486.0	36.9	-46.8	-15.8	-20.5	1.3
500.0	36.9	-47.0	-15.2	-20.2	1.3