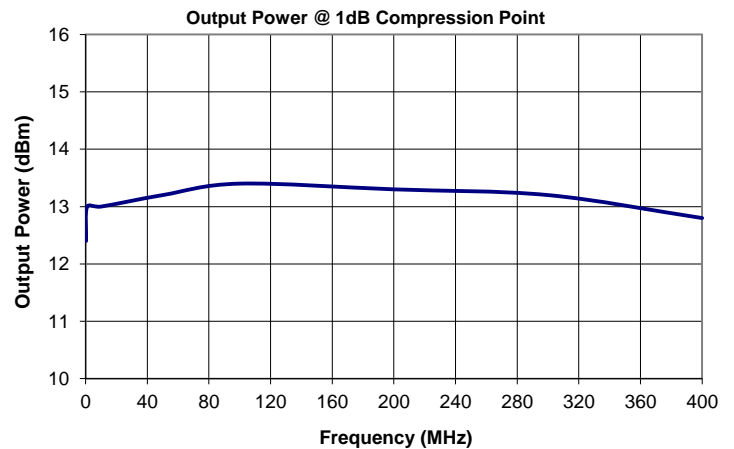
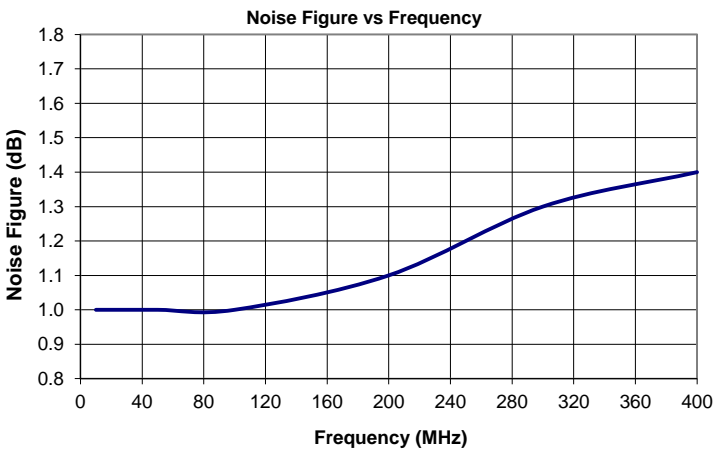
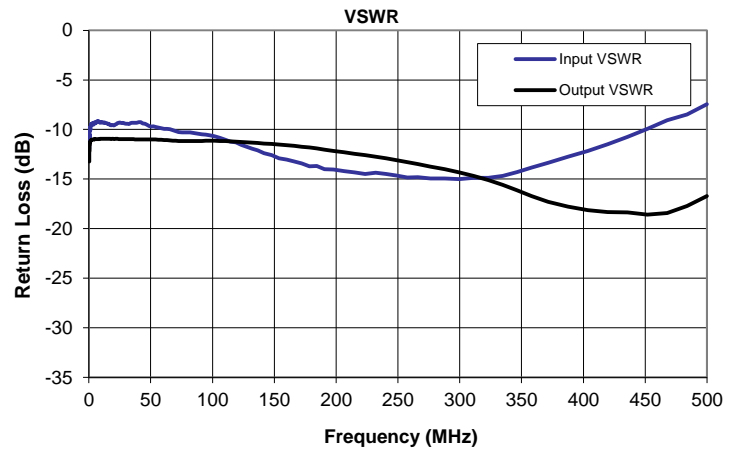
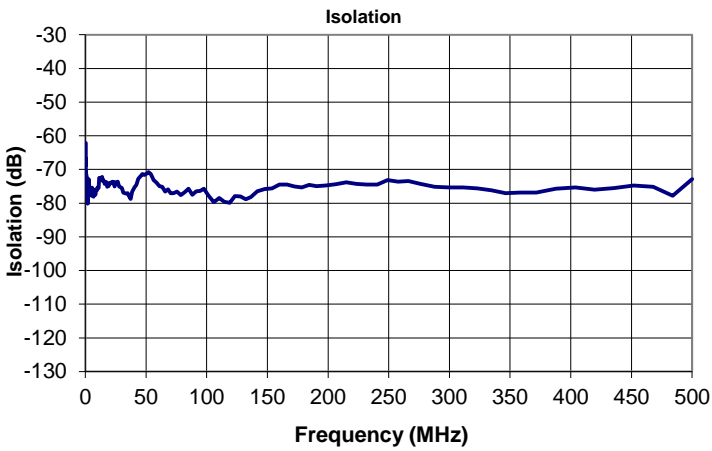
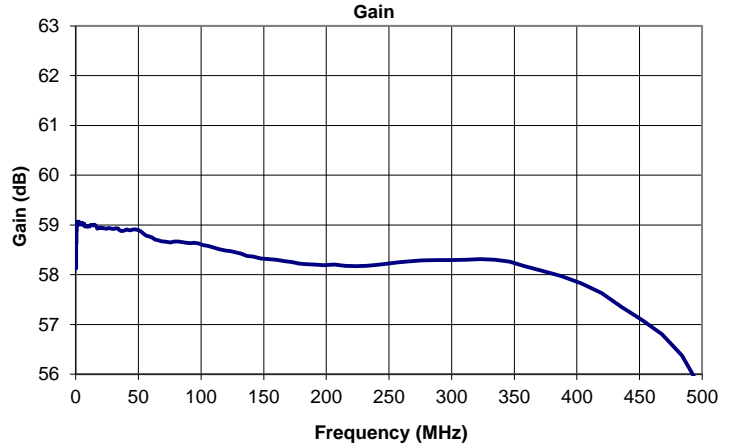


AU-1647

Features

- 3-Year Warranty
- Typical 27 μ Sec recovery time
- Very low noise figure

- Internally regulated to +12V
- Reverse voltage protected
- Input Limiter Protected



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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
0.30	58.1	-62.1	-11.9	-13.2	-314.3
0.31	58.2	-68.9	-11.5	-13.1	88.0
0.33	58.3	-67.8	-11.1	-13.0	21.3
0.34	58.3	-66.7	-11.1	-12.9	92.2
0.35	58.4	-70.1	-11.2	-12.8	80.0
0.36	58.4	-70.8	-11.0	-12.7	150.4
0.38	58.4	-70.5	-11.1	-12.7	188.6
0.39	58.5	-71.6	-10.9	-12.6	127.4
0.40	58.5	-73.0	-10.8	-12.5	150.6
0.42	58.6	-73.4	-10.9	-12.4	156.7
0.44	58.6	-74.1	-10.7	-12.3	155.9
0.45	58.6	-74.4	-10.8	-12.2	116.4
0.47	58.7	-74.1	-10.7	-12.2	110.3
0.49	58.7	-72.9	-10.6	-12.1	135.3
0.51	58.7	-73.5	-10.7	-12.0	116.5
0.53	58.8	-75.3	-10.5	-12.0	119.2
0.54	58.8	-73.8	-10.6	-11.9	64.6
0.56	58.8	-72.8	-10.6	-11.8	89.7
0.59	58.8	-73.0	-10.6	-11.8	78.3
0.61	58.8	-73.6	-10.5	-11.7	63.2
0.64	58.8	-73.6	-10.4	-11.7	80.3
0.66	58.8	-73.0	-10.4	-11.7	57.3
0.69	58.9	-73.2	-10.3	-11.6	50.3
0.71	58.9	-72.8	-10.1	-11.6	37.0
0.73	58.9	-71.5	-10.1	-11.5	40.8
0.76	58.9	-71.6	-9.8	-11.5	59.1
0.79	58.9	-72.0	-9.9	-11.4	42.8
0.82	58.9	-72.8	-9.8	-11.4	47.0
0.85	59.0	-72.8	-9.9	-11.4	32.7
0.89	59.0	-73.7	-9.8	-11.4	19.9
0.92	59.0	-73.8	-9.8	-11.3	23.4
0.96	59.0	-73.3	-9.9	-11.3	32.4
0.99	59.0	-74.8	-10.0	-11.3	31.4
1.02	59.0	-74.1	-9.9	-11.3	24.4
1.06	59.0	-74.7	-10.0	-11.2	29.7
1.10	59.0	-75.4	-10.0	-11.2	18.7
1.15	59.0	-74.6	-10.0	-11.2	16.4
1.19	59.0	-74.1	-9.9	-11.2	17.2
1.24	59.0	-73.9	-9.9	-11.2	24.3
1.29	59.0	-73.4	-9.8	-11.2	25.4
1.34	59.0	-74.0	-9.8	-11.1	20.3
1.38	59.1	-72.6	-9.7	-11.1	15.9
1.43	59.1	-72.9	-9.7	-11.1	20.2
1.48	59.1	-75.2	-9.7	-11.1	12.0
1.53	59.0	-75.0	-9.6	-11.1	12.2
1.60	59.0	-74.7	-9.5	-11.1	15.2
1.66	59.0	-75.5	-9.5	-11.1	12.6
1.73	59.0	-75.8	-9.5	-11.1	10.8
1.79	59.0	-78.1	-9.5	-11.1	14.2
1.86	59.1	-78.1	-9.5	-11.1	9.6
1.92	59.1	-77.8	-9.5	-11.1	10.5
1.99	59.0	-80.1	-9.5	-11.1	3.3
2.06	59.1	-77.6	-9.5	-11.1	9.9

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
2.15	59.1	-76.7	-9.4	-11.1	6.3
2.24	59.1	-76.9	-9.6	-11.0	6.0
2.3	59.1	-76.1	-9.5	-11.0	7.9
2.4	59.1	-75.5	-9.5	-11.0	6.4
2.5	59.0	-73.8	-9.4	-11.0	7.0
2.6	59.0	-73.5	-9.4	-11.0	5.3
2.7	59.0	-74.7	-9.4	-11.0	4.1
2.8	59.0	-72.9	-9.4	-11.0	6.0
2.9	59.0	-73.2	-9.4	-11.0	3.2
3.0	59.0	-74.1	-9.4	-11.0	4.1
3.1	59.0	-74.9	-9.4	-11.0	2.9
3.3	59.0	-75.3	-9.5	-11.0	7.0
3.4	59.0	-76.6	-9.5	-11.0	4.0
3.5	59.0	-75.7	-9.5	-11.0	3.9
3.6	59.0	-75.8	-9.5	-11.0	2.3
3.8	59.0	-76.7	-9.4	-11.0	3.7
3.9	59.0	-76.8	-9.4	-11.0	4.3
4.0	59.0	-77.0	-9.4	-11.0	2.0
4.2	59.0	-76.5	-9.4	-11.0	3.7
4.4	59.0	-76.8	-9.4	-11.0	2.9
4.5	59.0	-77.6	-9.3	-11.0	2.0
4.7	59.0	-76.0	-9.3	-11.0	3.5
4.9	59.0	-76.3	-9.2	-11.0	2.3
5.1	59.0	-77.8	-9.3	-11.0	2.4
5.2	59.0	-76.4	-9.4	-11.0	4.3
5.4	59.0	-75.9	-9.3	-11.0	1.0
5.6	59.0	-75.5	-9.3	-11.0	2.2
5.9	59.0	-76.6	-9.3	-11.0	3.0
6.1	59.0	-76.3	-9.2	-11.0	2.2
6.3	59.0	-75.9	-9.2	-11.0	1.6
6.6	59.0	-76.2	-9.3	-11.0	2.5
6.8	59.0	-78.0	-9.2	-11.0	2.0
7.0	59.0	-77.3	-9.2	-11.0	2.9
7.3	59.0	-77.3	-9.1	-11.0	1.1
7.6	59.0	-77.3	-9.2	-11.0	2.5
7.9	59.0	-77.0	-9.2	-11.0	2.0
8.2	59.0	-77.6	-9.2	-11.0	1.4
8.5	59.0	-76.6	-9.3	-11.0	2.1
8.9	59.0	-76.0	-9.3	-10.9	1.3
9.2	59.0	-75.9	-9.3	-11.0	1.9
9.5	59.0	-76.2	-9.3	-10.9	2.1
9.8	59.0	-75.5	-9.2	-10.9	0.9
10.2	59.0	-75.4	-9.3	-10.9	2.5
10.6	59.0	-75.5	-9.3	-10.9	2.5
11.0	59.0	-75.5	-9.3	-10.9	1.3
11.5	59.0	-72.5	-9.3	-10.9	1.4
11.9	59.0	-72.8	-9.3	-10.9	1.6
12.4	59.0	-72.9	-9.4	-10.9	2.3
12.8	59.0	-72.9	-9.3	-10.9	2.0
13.3	59.0	-72.4	-9.3	-10.9	1.5
13.8	59.0	-72.2	-9.4	-10.9	2.1
14.2	59.0	-73.4	-9.4	-10.9	1.3
14.7	59.0	-73.1	-9.4	-10.9	1.3

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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
15.4	59.0	-73.6	-9.5	-10.9	1.0
16.0	59.0	-74.3	-9.4	-11.0	2.0
16.7	59.0	-74.2	-9.5	-11.0	1.5
17.3	58.9	-73.8	-9.5	-11.0	1.6
17.9	58.9	-75.1	-9.6	-11.0	1.3
18.6	58.9	-74.8	-9.5	-11.0	1.9
19.2	58.9	-75.0	-9.5	-11.0	1.8
19.8	59.0	-74.0	-9.6	-10.9	1.4
20.6	58.9	-74.2	-9.6	-11.0	1.4
21.5	58.9	-73.8	-9.5	-10.9	1.9
22.3	58.9	-73.6	-9.4	-10.9	0.7
23.2	58.9	-73.7	-9.3	-11.0	1.3
24.1	58.9	-75.0	-9.3	-11.0	1.6
24.9	58.9	-73.8	-9.3	-11.0	1.6
25.8	58.9	-73.8	-9.3	-11.0	1.4
26.7	58.9	-73.6	-9.3	-11.0	1.4
27.7	58.9	-75.1	-9.3	-11.0	1.6
28.9	58.9	-75.2	-9.4	-11.0	1.5
30.1	58.9	-75.5	-9.4	-11.0	1.3
31.3	58.9	-76.8	-9.4	-11.0	2.2
32.5	58.9	-77.1	-9.5	-11.0	1.9
33.7	58.9	-77.1	-9.3	-11.0	1.4
34.9	58.9	-77.0	-9.3	-11.0	1.5
36.1	58.9	-77.9	-9.3	-11.0	1.6
37.3	58.9	-78.7	-9.3	-11.0	1.3
38.7	58.9	-76.6	-9.3	-11.0	1.5
40.3	58.9	-75.4	-9.3	-11.0	1.6
42.0	58.9	-74.6	-9.3	-11.0	1.8
43.7	58.9	-72.8	-9.4	-11.0	1.3
45.4	58.9	-72.0	-9.4	-11.0	1.4
47.0	58.9	-71.4	-9.5	-11.0	1.7
48.7	58.9	-71.7	-9.6	-11.0	1.5
50.4	58.9	-71.3	-9.7	-11.0	1.4
52.0	58.9	-70.8	-9.7	-11.0	1.5
54.0	58.8	-71.3	-9.7	-11.0	1.6
56.3	58.8	-73.1	-9.8	-11.0	1.5
58.7	58.8	-73.9	-9.9	-11.0	1.4
61.0	58.7	-75.0	-9.9	-11.1	1.6
63.3	58.7	-75.1	-10.0	-11.1	1.4
65.7	58.7	-76.5	-10.0	-11.1	1.5
68.0	58.7	-75.9	-10.1	-11.1	1.5
70.3	58.7	-77.1	-10.2	-11.1	1.4
72.7	58.7	-77.1	-10.3	-11.2	1.4
75.4	58.7	-76.5	-10.3	-11.2	1.3
78.6	58.7	-77.6	-10.3	-11.2	1.4
81.8	58.7	-76.8	-10.3	-11.2	1.4
85.0	58.7	-75.7	-10.4	-11.2	1.3
88.2	58.6	-77.6	-10.4	-11.2	1.4
91.4	58.6	-76.5	-10.5	-11.1	1.4
94.6	58.6	-76.4	-10.5	-11.1	1.4
97.8	58.6	-75.7	-10.6	-11.1	1.5
101.5	58.6	-77.7	-10.7	-11.1	1.4
105.8	58.6	-79.7	-10.8	-11.2	1.4

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
110.2	58.5	-78.4	-11.0	-11.2	1.4
114.6	58.5	-79.6	-11.2	-11.2	1.5
119.0	58.5	-79.9	-11.3	-11.2	1.4
123.4	58.5	-77.9	-11.5	-11.3	1.5
127.7	58.4	-78.0	-11.7	-11.3	1.5
132.1	58.4	-78.9	-11.9	-11.3	1.4
136.5	58.4	-78.2	-12.1	-11.4	1.4
141.7	58.4	-76.5	-12.4	-11.4	1.5
147.8	58.3	-75.8	-12.6	-11.5	1.5
153.9	58.3	-75.6	-12.9	-11.5	1.4
160.0	58.3	-74.4	-13.0	-11.6	1.4
166.1	58.3	-74.4	-13.2	-11.7	1.5
172.3	58.3	-75.0	-13.4	-11.7	1.4
178.4	58.2	-75.3	-13.7	-11.8	1.4
184.5	58.2	-74.6	-13.7	-11.9	1.4
190.6	58.2	-75.0	-14.0	-12.0	1.4
197.8	58.2	-74.8	-14.0	-12.2	1.4
206.3	58.2	-74.4	-14.2	-12.3	1.4
214.9	58.2	-73.8	-14.3	-12.4	1.5
223.4	58.2	-74.3	-14.5	-12.6	1.4
232.0	58.2	-74.5	-14.4	-12.7	1.4
240.5	58.2	-74.5	-14.5	-12.9	1.4
249.1	58.2	-73.2	-14.7	-13.1	1.5
257.6	58.2	-73.6	-14.8	-13.3	1.5
266.1	58.3	-73.4	-14.8	-13.5	1.5
276.2	58.3	-74.3	-14.9	-13.7	1.5
287.9	58.3	-75.2	-14.9	-14.0	1.5
299.6	58.3	-75.3	-15.0	-14.3	1.6
311.3	58.3	-75.3	-14.9	-14.7	1.6
323.0	58.3	-75.6	-14.9	-15.1	1.6
334.7	58.3	-76.2	-14.7	-15.6	1.6
346.4	58.3	-77.0	-14.3	-16.1	1.6
358.1	58.2	-76.8	-13.8	-16.7	1.7
371.6	58.1	-76.9	-13.3	-17.3	1.8
387.7	58.0	-75.7	-12.8	-17.8	1.7
403.7	57.8	-75.3	-12.2	-18.1	1.8
419.8	57.6	-76.0	-11.5	-18.3	1.8
435.8	57.3	-75.5	-10.7	-18.4	1.8
451.9	57.1	-74.7	-9.9	-18.6	1.9
467.9	56.8	-75.1	-9.1	-18.4	1.9
484.0	56.4	-77.8	-8.5	-17.7	1.9
500.0	55.7	-72.8	-7.4	-16.7	2.1