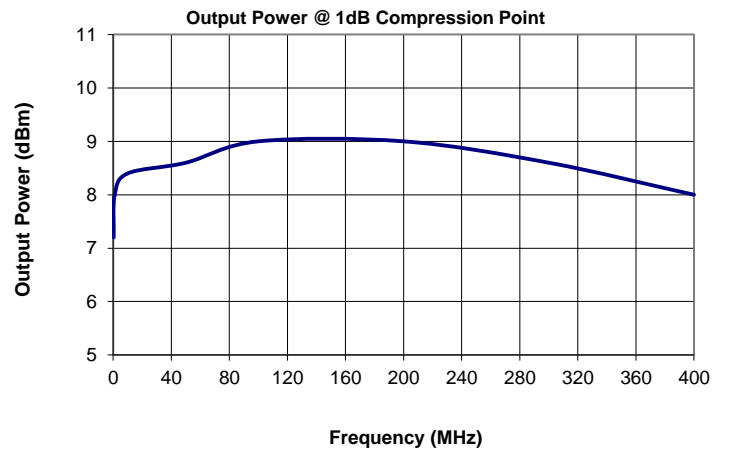
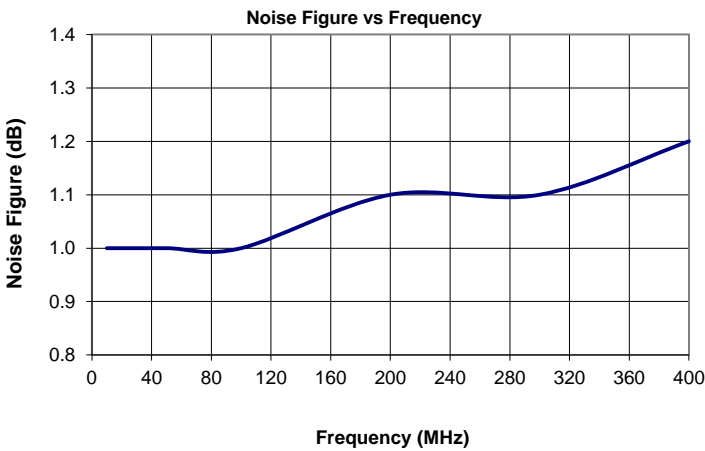
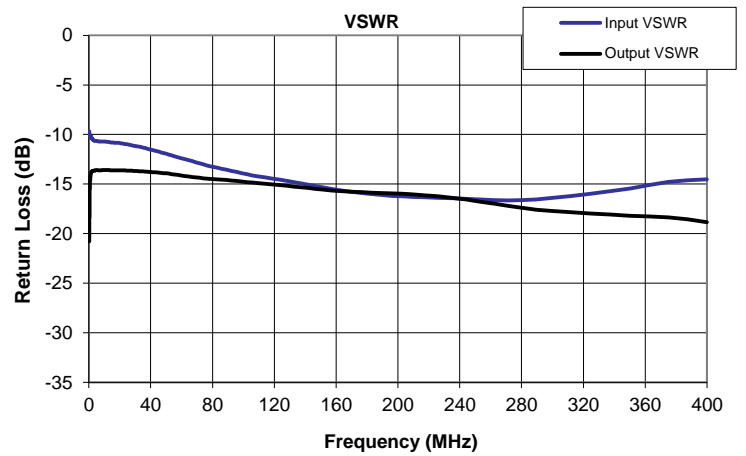
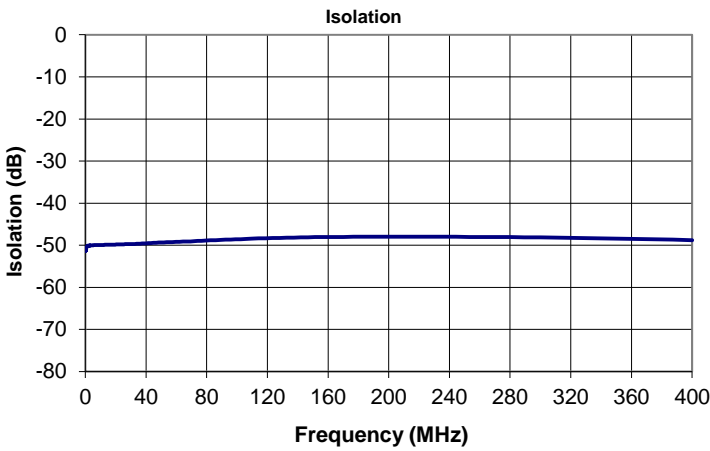
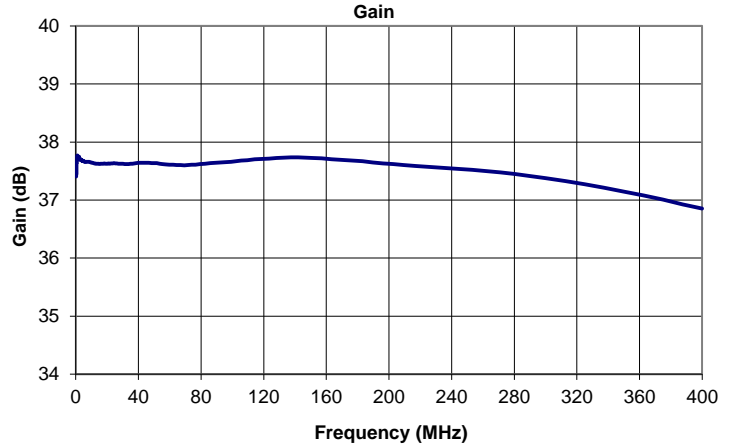


# AU-1464

## Features

- 3-Year Warranty
- Very Low Noise Figure
- Good Broadband Response
- Internally regulated to +8V
- Reverse voltage protected
- Input Limiter Protected

**Typical Data**



100 Davids Drive, Hauppauge, NY 11788  
TEL.: (631) 439-9220 • FAX: (631) 436-7430  
e-mail: components@miteq.com • [www.miteq.com](http://www.miteq.com)

# AU-1464

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
0.30	37.4	-51.2	-9.7	-20.8	130.4
0.31	37.4	-51.3	-9.7	-20.2	98.8
0.33	37.4	-51.2	-9.8	-19.8	80.8
0.34	37.4	-51.2	-9.8	-19.4	74.1
0.35	37.4	-51.2	-9.9	-19.0	69.8
0.36	37.5	-51.1	-9.9	-18.6	54.1
0.38	37.5	-51.1	-9.9	-18.3	51.0
0.39	37.5	-51.1	-10.0	-18.0	51.5
0.40	37.5	-51.0	-10.0	-17.7	47.8
0.41	37.5	-51.0	-10.0	-17.4	48.4
0.43	37.6	-50.9	-10.0	-17.1	46.6
0.45	37.6	-50.9	-10.0	-16.9	40.4
0.47	37.6	-50.9	-10.0	-16.7	43.7
0.48	37.6	-50.8	-10.0	-16.5	33.8
0.50	37.6	-50.8	-10.0	-16.3	40.2
0.52	37.6	-50.7	-10.0	-16.1	34.8
0.54	37.6	-50.7	-10.0	-15.9	31.3
0.55	37.6	-50.7	-10.0	-15.8	30.6
0.57	37.6	-50.7	-10.1	-15.6	28.2
0.60	37.6	-50.7	-10.1	-15.5	30.7
0.62	37.6	-50.6	-10.1	-15.3	27.4
0.64	37.6	-50.6	-10.1	-15.2	28.3
0.67	37.7	-50.6	-10.1	-15.1	25.4
0.69	37.7	-50.6	-10.1	-15.0	27.3
0.72	37.7	-50.5	-10.1	-14.9	22.5
0.74	37.7	-50.5	-10.1	-14.8	25.0
0.76	37.7	-50.5	-10.1	-14.7	26.5
0.79	37.7	-50.5	-10.1	-14.6	23.1
0.83	37.7	-50.4	-10.2	-14.6	22.8
0.86	37.7	-50.4	-10.2	-14.5	25.8
0.89	37.7	-50.4	-10.2	-14.4	21.5
0.93	37.8	-50.4	-10.1	-14.4	24.5
0.96	37.8	-50.3	-10.1	-14.3	17.5
0.99	37.8	-50.3	-10.1	-14.3	19.7
1.03	37.8	-50.3	-10.2	-14.2	16.1
1.06	37.8	-50.3	-10.2	-14.2	14.5
1.10	37.8	-50.3	-10.2	-14.1	16.4
1.14	37.8	-50.3	-10.2	-14.1	14.8
1.18	37.8	-50.3	-10.2	-14.0	12.0
1.23	37.8	-50.2	-10.2	-14.0	10.4
1.28	37.8	-50.2	-10.2	-13.9	12.1
1.32	37.8	-50.2	-10.2	-13.9	13.5
1.37	37.7	-50.2	-10.2	-13.9	11.9
1.42	37.7	-50.2	-10.3	-13.9	13.2
1.47	37.7	-50.2	-10.3	-13.8	11.6
1.51	37.7	-50.2	-10.3	-13.8	11.2
1.57	37.7	-50.1	-10.3	-13.8	11.3
1.64	37.7	-50.1	-10.3	-13.8	11.8
1.70	37.7	-50.1	-10.3	-13.8	13.2
1.77	37.7	-50.1	-10.3	-13.8	12.6
1.83	37.7	-50.1	-10.4	-13.7	11.3
1.90	37.7	-50.1	-10.4	-13.7	9.7
1.96	37.7	-50.1	-10.4	-13.7	9.8

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
2.03	37.7	-50.1	-10.4	-13.7	10.1
2.09	37.7	-50.1	-10.4	-13.7	9.1
2.17	37.7	-50.1	-10.5	-13.7	8.2
2.26	37.7	-50.1	-10.5	-13.7	7.9
2.35	37.7	-50.1	-10.5	-13.7	7.4
2.44	37.7	-50.1	-10.5	-13.7	6.5
2.53	37.7	-50.1	-10.5	-13.7	7.4
2.62	37.7	-50.1	-10.5	-13.7	8.2
2.71	37.7	-50.1	-10.6	-13.7	7.2
2.80	37.7	-50.1	-10.6	-13.7	7.9
2.89	37.7	-50.1	-10.6	-13.7	7.8
3.00	37.7	-50.1	-10.6	-13.7	8.3
3.12	37.7	-50.1	-10.6	-13.7	7.5
3.25	37.7	-50.1	-10.6	-13.6	7.5
3.38	37.7	-50.0	-10.6	-13.6	8.0
3.50	37.7	-50.0	-10.6	-13.6	7.2
3.63	37.7	-50.0	-10.6	-13.6	7.3
3.75	37.7	-50.0	-10.6	-13.6	8.1
3.88	37.7	-50.0	-10.6	-13.6	7.6
4.00	37.7	-50.0	-10.6	-13.6	7.8
4.15	37.7	-50.0	-10.6	-13.6	7.5
4.32	37.7	-50.0	-10.6	-13.6	8.2
4.49	37.7	-50.0	-10.7	-13.6	7.9
4.67	37.7	-50.0	-10.6	-13.6	7.4
4.84	37.7	-50.0	-10.6	-13.6	7.8
5.01	37.7	-50.0	-10.7	-13.6	7.8
5.18	37.7	-50.0	-10.7	-13.6	7.3
5.36	37.7	-50.0	-10.7	-13.6	7.4
5.53	37.7	-50.0	-10.7	-13.6	7.1
5.73	37.7	-50.0	-10.7	-13.6	7.3
5.97	37.7	-50.0	-10.7	-13.6	7.0
6.21	37.7	-50.0	-10.7	-13.6	7.4
6.45	37.7	-50.0	-10.7	-13.6	6.8
6.69	37.7	-50.0	-10.7	-13.6	7.0
6.93	37.7	-50.0	-10.7	-13.6	6.7
7.17	37.7	-49.9	-10.7	-13.6	7.0
7.41	37.7	-49.9	-10.7	-13.6	6.9
7.64	37.7	-50.0	-10.7	-13.6	7.2
7.92	37.7	-50.0	-10.7	-13.6	7.0
8.26	37.7	-50.0	-10.7	-13.6	7.1
8.60	37.7	-50.0	-10.7	-13.6	7.0
8.93	37.7	-49.9	-10.7	-13.6	7.0
9.27	37.7	-49.9	-10.7	-13.6	6.9
9.61	37.6	-49.9	-10.7	-13.6	7.2
9.94	37.6	-49.9	-10.7	-13.6	6.9
10.3	37.6	-50.0	-10.7	-13.6	7.0
10.6	37.6	-49.9	-10.7	-13.6	6.7
11.0	37.6	-49.9	-10.7	-13.6	7.0
11.4	37.6	-49.9	-10.7	-13.6	6.7
11.8	37.6	-49.9	-10.7	-13.6	6.9
12.3	37.6	-49.9	-10.7	-13.6	7.0
12.8	37.6	-49.9	-10.8	-13.6	7.0
13.2	37.6	-49.9	-10.8	-13.6	6.9

# AU-1464

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
13.7	37.6	-49.9	-10.8	-13.6	7.0
14.2	37.6	-49.9	-10.8	-13.6	6.9
14.7	37.6	-49.9	-10.8	-13.6	7.0
15.1	37.6	-49.9	-10.8	-13.6	6.8
15.7	37.6	-49.9	-10.8	-13.6	7.0
16.4	37.6	-49.9	-10.8	-13.6	6.9
17.0	37.6	-49.9	-10.8	-13.6	6.8
17.7	37.6	-49.9	-10.8	-13.6	6.8
18.3	37.6	-49.9	-10.8	-13.6	6.8
19.0	37.6	-49.9	-10.8	-13.6	6.9
19.6	37.6	-49.9	-10.9	-13.6	6.8
20.3	37.6	-49.8	-10.9	-13.6	6.9
20.9	37.6	-49.8	-10.9	-13.6	7.0
21.7	37.6	-49.8	-10.9	-13.6	6.9
22.6	37.6	-49.8	-10.9	-13.6	6.9
23.5	37.6	-49.8	-11.0	-13.6	7.0
24.4	37.6	-49.8	-11.0	-13.6	7.0
25.3	37.6	-49.8	-11.0	-13.6	7.0
26.2	37.6	-49.8	-11.0	-13.6	6.9
27.1	37.6	-49.7	-11.1	-13.7	7.0
28.0	37.6	-49.7	-11.1	-13.7	6.9
28.9	37.6	-49.7	-11.1	-13.7	6.9
30.0	37.6	-49.7	-11.2	-13.7	7.0
31.2	37.6	-49.7	-11.2	-13.7	6.9
32.5	37.6	-49.7	-11.2	-13.7	6.9
33.7	37.6	-49.7	-11.3	-13.7	7.0
35.0	37.6	-49.7	-11.3	-13.7	6.9
36.3	37.6	-49.6	-11.4	-13.7	6.9
37.5	37.6	-49.6	-11.4	-13.8	6.9
38.8	37.6	-49.6	-11.5	-13.8	6.9
40.0	37.6	-49.5	-11.5	-13.8	6.9
41.5	37.6	-49.5	-11.6	-13.8	6.9
43.2	37.6	-49.5	-11.7	-13.8	7.0
44.9	37.6	-49.4	-11.7	-13.8	6.9
46.7	37.6	-49.4	-11.8	-13.9	6.9
48.4	37.6	-49.4	-11.9	-13.9	6.9
50.1	37.6	-49.4	-11.9	-13.9	6.9
51.8	37.6	-49.3	-12.0	-14.0	6.9
53.6	37.6	-49.3	-12.1	-14.0	6.9
55.3	37.6	-49.3	-12.2	-14.0	6.9
57.3	37.6	-49.3	-12.3	-14.1	6.9
59.7	37.6	-49.2	-12.4	-14.1	6.9
62.1	37.6	-49.2	-12.5	-14.2	6.9
64.5	37.6	-49.2	-12.6	-14.2	6.9
66.9	37.6	-49.1	-12.7	-14.3	6.9
69.3	37.6	-49.1	-12.8	-14.3	6.9
71.7	37.6	-49.0	-12.9	-14.4	6.9
74.1	37.6	-49.0	-13.0	-14.4	6.9
76.4	37.6	-48.9	-13.1	-14.4	6.9
79.2	37.6	-48.9	-13.2	-14.5	6.9
82.5	37.6	-48.8	-13.3	-14.5	6.9
85.8	37.6	-48.8	-13.5	-14.6	6.9
89.2	37.6	-48.7	-13.6	-14.6	6.9

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay (Ns)
92.5	37.6	-48.7	-13.7	-14.6	6.9
95.8	37.7	-48.6	-13.8	-14.7	6.9
99.1	37.7	-48.6	-13.9	-14.7	6.9
102.4	37.7	-48.5	-14.0	-14.8	6.9
105.7	37.7	-48.5	-14.1	-14.9	6.9
109.5	37.7	-48.4	-14.2	-14.9	6.9
114.2	37.7	-48.4	-14.3	-15.0	7.0
118.8	37.7	-48.3	-14.4	-15.0	7.0
123.5	37.7	-48.3	-14.6	-15.1	7.0
128.2	37.7	-48.2	-14.7	-15.2	7.0
132.8	37.7	-48.2	-14.8	-15.2	7.0
137.5	37.7	-48.2	-14.9	-15.3	7.0
142.1	37.7	-48.1	-15.1	-15.4	7.0
146.8	37.7	-48.1	-15.2	-15.5	7.0
151.4	37.7	-48.1	-15.3	-15.6	7.0
157.0	37.7	-48.1	-15.5	-15.6	7.0
163.5	37.7	-48.0	-15.6	-15.7	7.0
170.1	37.7	-48.0	-15.8	-15.8	7.0
176.6	37.7	-48.0	-15.9	-15.8	7.0
183.1	37.7	-48.0	-16.0	-15.9	7.0
189.7	37.6	-48.0	-16.1	-15.9	7.0
196.2	37.6	-48.0	-16.2	-15.9	7.0
202.8	37.6	-48.0	-16.2	-16.0	7.0
209.3	37.6	-48.0	-16.3	-16.0	7.0
217.0	37.6	-48.0	-16.3	-16.1	7.0
226.0	37.6	-48.0	-16.4	-16.2	7.0
235.1	37.6	-48.0	-16.4	-16.4	7.0
244.1	37.5	-48.0	-16.5	-16.6	7.0
253.2	37.5	-48.0	-16.5	-16.8	7.0
262.2	37.5	-48.0	-16.6	-17.0	7.0
271.3	37.5	-48.0	-16.6	-17.2	7.0
280.3	37.4	-48.1	-16.6	-17.4	7.0
289.4	37.4	-48.1	-16.5	-17.6	7.0
300.0	37.4	-48.1	-16.4	-17.7	7.0
312.5	37.3	-48.2	-16.2	-17.9	7.0
325.0	37.3	-48.3	-16.0	-18.0	7.0
337.5	37.2	-48.3	-15.7	-18.1	7.0
350.0	37.1	-48.4	-15.5	-18.2	7.0
362.5	37.1	-48.5	-15.1	-18.3	7.0
375.0	37.0	-48.6	-14.8	-18.3	7.0
387.5	36.9	-48.7	-14.6	-18.5	7.0
400.0	36.9	-48.8	-14.5	-18.9	7.0