

AU-1583

Features

Low Noise Figure

30 μ Sec Recovery After Input Overload

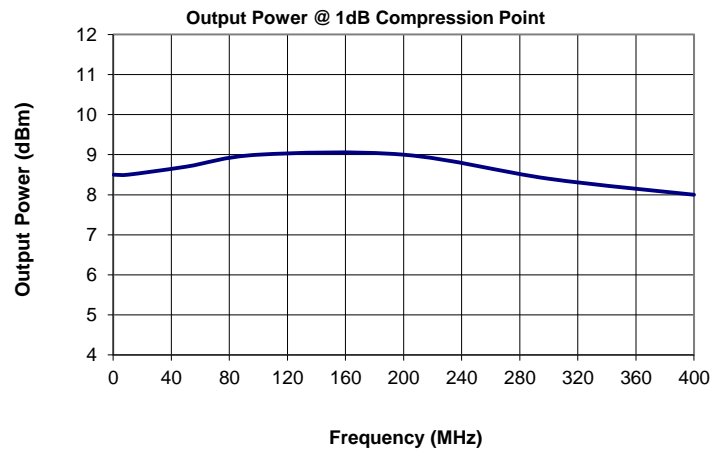
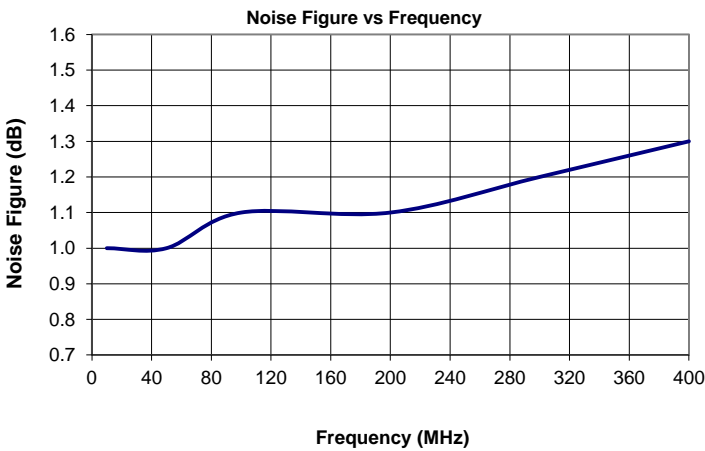
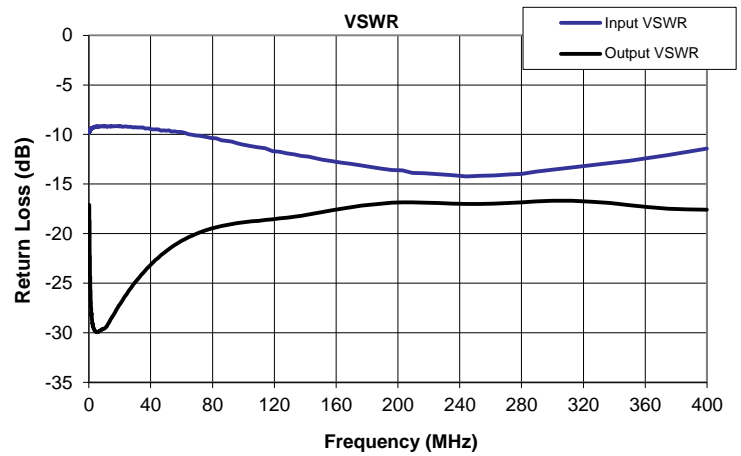
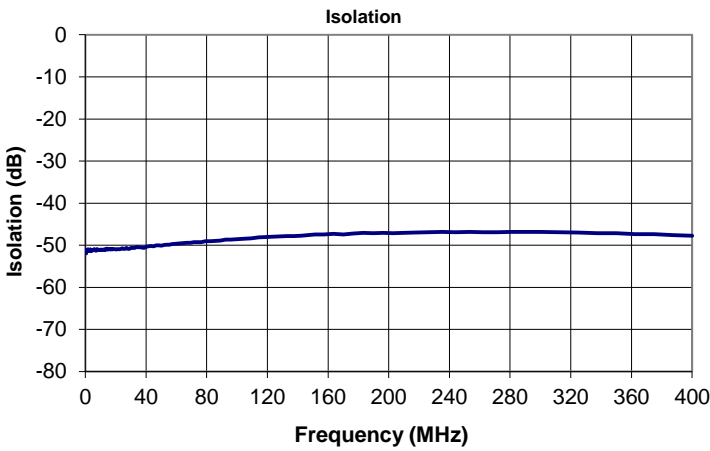
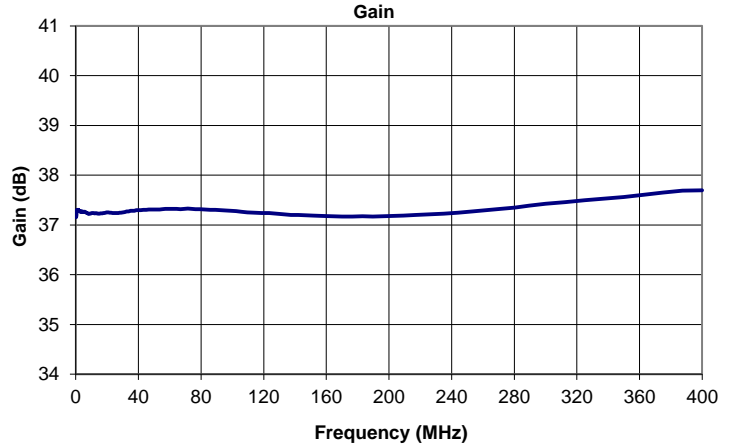
Max Input +30 dBm CW or 20V Peak Pulse

Internally regulated to +12V

Reverse voltage protected

Input Limiter Protected

Typical Data



100 Davids Drive, Hauppauge, NY 11788
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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
0.30	37.2	-51.6	-9.8	-17.1	-20.0
0.31	37.2	-51.7	-9.8	-17.4	18.5
0.33	37.2	-51.8	-9.7	-17.7	74.9
0.34	37.2	-51.5	-9.7	-18.0	72.3
0.35	37.2	-51.7	-9.7	-18.2	80.1
0.36	37.2	-51.6	-9.7	-18.5	80.8
0.38	37.2	-51.5	-9.7	-18.8	94.1
0.39	37.2	-51.9	-9.7	-19.1	93.0
0.40	37.2	-51.3	-9.7	-19.3	80.9
0.41	37.2	-51.6	-9.6	-19.6	65.2
0.43	37.2	-51.6	-9.6	-19.9	60.9
0.45	37.2	-51.8	-9.7	-20.2	57.5
0.47	37.2	-51.5	-9.8	-20.5	55.1
0.48	37.2	-51.4	-9.7	-20.7	49.9
0.50	37.3	-51.4	-9.6	-21.0	55.1
0.52	37.3	-51.3	-9.6	-21.2	46.4
0.54	37.3	-51.4	-9.6	-21.5	35.5
0.55	37.3	-51.3	-9.6	-21.7	41.7
0.57	37.3	-51.3	-9.6	-22.0	33.5
0.60	37.3	-51.2	-9.6	-22.3	36.9
0.62	37.3	-51.5	-9.6	-22.6	30.6
0.64	37.3	-51.4	-9.6	-22.9	31.9
0.67	37.3	-51.4	-9.6	-23.2	19.4
0.69	37.3	-51.4	-9.5	-23.4	20.2
0.72	37.3	-51.3	-9.6	-23.7	18.2
0.74	37.3	-51.4	-9.6	-23.9	23.2
0.76	37.3	-51.5	-9.6	-24.1	17.9
0.79	37.3	-51.4	-9.6	-24.4	20.3
0.83	37.3	-51.3	-9.5	-24.7	18.3
0.86	37.3	-51.4	-9.5	-24.9	18.3
0.89	37.3	-51.5	-9.6	-25.1	15.3
0.93	37.3	-51.4	-9.6	-25.4	17.8
0.96	37.3	-51.2	-9.5	-25.5	11.1
0.99	37.3	-51.4	-9.5	-25.8	13.9
1.03	37.3	-51.5	-9.5	-26.0	10.3
1.06	37.3	-51.2	-9.5	-26.1	10.9
1.10	37.3	-51.4	-9.6	-26.3	10.5
1.14	37.3	-51.3	-9.5	-26.5	8.0
1.18	37.3	-51.3	-9.5	-26.7	9.6
1.23	37.3	-51.2	-9.5	-26.9	6.5
1.28	37.3	-51.3	-9.4	-27.1	6.3
1.32	37.3	-51.3	-9.4	-27.2	9.7
1.37	37.3	-51.3	-9.5	-27.4	5.9
1.42	37.3	-51.3	-9.5	-27.5	6.8
1.47	37.3	-51.2	-9.4	-27.7	5.0
1.51	37.3	-51.2	-9.5	-27.8	4.7
1.57	37.3	-51.2	-9.5	-28.3	5.7
1.64	37.3	-51.3	-9.4	-28.0	4.8
1.70	37.3	-51.2	-9.5	-28.2	3.3
1.77	37.3	-51.2	-9.3	-28.3	3.5
1.83	37.3	-50.9	-9.3	-28.4	4.1
1.90	37.3	-51.4	-9.4	-28.5	4.3
1.96	37.3	-51.2	-9.4	-28.6	4.4

2.03	37.3	-51.3	-9.3	-28.7	3.0
2.09	37.3	-51.3	-9.3	-28.8	4.8
2.17	37.3	-51.4	-9.3	-28.9	3.7
2.26	37.3	-51.3	-9.3	-29.1	2.9
2.35	37.3	-51.1	-9.3	-29.1	3.8
2.44	37.3	-51.2	-9.4	-29.2	3.2
2.53	37.3	-51.3	-9.3	-29.4	2.2
2.62	37.3	-51.2	-9.3	-29.3	2.6
2.71	37.3	-51.2	-9.3	-29.3	2.0
2.80	37.3	-51.3	-9.3	-29.4	2.7
2.89	37.3	-51.2	-9.3	-29.5	1.7
3.00	37.3	-51.2	-9.3	-29.5	2.0
3.12	37.3	-51.1	-9.3	-29.6	2.2
3.25	37.3	-51.0	-9.2	-29.6	2.4
3.38	37.3	-51.3	-9.3	-29.7	2.4
3.50	37.3	-51.1	-9.3	-29.7	1.7
3.63	37.3	-51.1	-9.3	-29.8	2.2
3.75	37.3	-51.1	-9.2	-29.8	1.9
3.88	37.3	-51.2	-9.2	-29.8	2.3
4.00	37.3	-51.2	-9.2	-29.8	1.4
4.15	37.3	-51.3	-9.2	-29.8	1.4
4.32	37.3	-51.2	-9.2	-29.8	1.6
4.49	37.3	-51.2	-9.2	-29.9	0.8
4.67	37.3	-51.2	-9.2	-29.9	1.3
4.84	37.3	-51.1	-9.2	-29.9	1.6
5.01	37.3	-51.2	-9.2	-29.9	1.3
5.18	37.3	-51.2	-9.2	-29.9	0.9
5.36	37.3	-51.1	-9.2	-29.9	0.6
5.53	37.3	-51.0	-9.2	-29.9	1.1
5.73	37.3	-51.0	-9.2	-29.9	1.5
5.97	37.3	-51.1	-9.3	-29.9	1.1
6.21	37.3	-51.2	-9.2	-29.9	1.4
6.45	37.3	-51.0	-9.2	-29.9	1.2
6.69	37.2	-51.2	-9.2	-29.9	1.1
6.93	37.2	-51.3	-9.2	-29.8	1.2
7.17	37.2	-51.1	-9.2	-29.8	1.3
7.41	37.2	-51.0	-9.2	-29.8	1.4
7.64	37.2	-51.1	-9.2	-29.7	0.9
7.92	37.2	-50.9	-9.2	-29.7	1.2
8.26	37.2	-51.1	-9.2	-29.7	1.4
8.60	37.2	-51.1	-9.2	-29.6	1.1
8.93	37.2	-51.1	-9.2	-29.6	1.2
9.27	37.2	-51.2	-9.2	-29.6	1.0
9.61	37.2	-51.2	-9.2	-29.6	1.0
9.94	37.2	-51.0	-9.2	-29.6	1.1
10.3	37.2	-51.0	-9.1	-29.5	1.0
10.6	37.2	-51.1	-9.2	-29.5	1.2
11.0	37.2	-51.2	-9.2	-29.4	1.0
11.4	37.2	-51.1	-9.2	-29.4	0.9
11.8	37.2	-51.0	-9.2	-29.3	1.0
12.3	37.2	-51.0	-9.2	-29.1	0.9
12.8	37.2	-51.2	-9.2	-29.0	1.1
13.2	37.2	-51.0	-9.2	-28.9	0.6
13.7	37.2	-51.0	-9.2	-28.8	0.8
14.2	37.2	-50.8	-9.2	-28.6	0.7
14.7	37.2	-51.0	-9.1	-28.5	0.9

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15.1	37.2	-51.0	-9.2	-28.4	0.9
15.7	37.2	-50.9	-9.2	-28.2	0.8
16.4	37.2	-51.0	-9.2	-28.1	0.7
17.0	37.2	-50.9	-9.2	-27.9	0.9
17.7	37.2	-51.0	-9.2	-27.7	0.6
18.3	37.2	-50.9	-9.2	-27.6	1.0
19.0	37.2	-50.9	-9.1	-27.4	1.0
19.6	37.2	-50.9	-9.2	-27.2	1.0
20.3	37.3	-51.0	-9.1	-27.1	0.9
20.9	37.3	-51.0	-9.2	-26.9	0.7
21.7	37.2	-50.9	-9.2	-26.7	0.9
22.6	37.2	-50.9	-9.2	-26.5	0.9
23.5	37.2	-50.8	-9.2	-26.3	0.9
24.4	37.2	-50.7	-9.2	-26.1	0.9
25.3	37.2	-50.8	-9.2	-25.9	1.1
26.2	37.2	-50.8	-9.2	-25.7	0.8
27.1	37.2	-50.6	-9.2	-25.5	0.9
28.0	37.2	-50.9	-9.3	-25.3	0.9
28.9	37.2	-50.8	-9.3	-25.1	0.9
30.0	37.2	-50.6	-9.3	-24.9	0.8
31.2	37.3	-50.6	-9.3	-24.6	0.8
32.5	37.3	-50.6	-9.3	-24.4	1.0
33.7	37.3	-50.4	-9.3	-24.2	0.9
35.0	37.3	-50.5	-9.3	-24.0	0.8
36.3	37.3	-50.5	-9.4	-23.7	0.9
37.5	37.3	-50.5	-9.4	-23.5	0.8
38.8	37.3	-50.6	-9.4	-23.3	0.9
40.0	37.3	-50.4	-9.4	-23.1	0.9
41.5	37.3	-50.3	-9.5	-22.9	0.9
43.2	37.3	-50.2	-9.5	-22.7	1.0
44.9	37.3	-50.2	-9.5	-22.4	0.9
46.7	37.3	-50.0	-9.6	-22.2	1.0
48.4	37.3	-50.0	-9.6	-22.0	0.9
50.1	37.3	-50.1	-9.6	-21.7	1.0
51.8	37.3	-49.9	-9.6	-21.6	1.1
53.6	37.3	-49.9	-9.7	-21.4	1.0
55.3	37.3	-49.9	-9.7	-21.2	0.9
57.3	37.3	-49.7	-9.8	-21.0	1.0
59.7	37.3	-49.7	-9.8	-20.8	0.9
62.1	37.3	-49.6	-9.8	-20.6	0.9
64.5	37.3	-49.5	-10.0	-20.4	0.9
66.9	37.3	-49.4	-10.0	-20.2	1.0
69.3	37.3	-49.4	-10.1	-20.0	0.9
71.7	37.3	-49.3	-10.1	-19.9	0.9
74.1	37.3	-49.3	-10.2	-19.8	0.9
76.4	37.3	-49.2	-10.3	-19.6	1.0
79.2	37.3	-49.1	-10.4	-19.5	1.0
82.5	37.3	-49.0	-10.4	-19.3	1.0
85.8	37.3	-49.0	-10.6	-19.2	0.9
89.2	37.3	-48.9	-10.6	-19.1	1.0
92.5	37.3	-48.6	-10.7	-19.0	0.9
95.8	37.3	-48.6	-10.9	-18.9	1.0
99.1	37.3	-48.6	-11.0	-18.9	1.0
102.4	37.3	-48.5	-11.1	-18.8	0.9
105.7	37.3	-48.4	-11.2	-18.8	0.9
109.5	37.3	-48.3	-11.3	-18.7	0.9

114.2	37.2	-48.1	-11.4	-18.6	0.9
118.8	37.2	-48.0	-11.7	-18.6	0.9
123.5	37.2	-48.0	-11.7	-18.5	0.9
128.2	37.2	-47.9	-11.9	-18.4	0.9
132.8	37.2	-47.8	-12.0	-18.3	0.9
137.5	37.2	-47.8	-12.2	-18.2	0.9
142.1	37.2	-47.8	-12.2	-18.1	0.9
146.8	37.2	-47.6	-12.4	-17.9	0.9
151.4	37.2	-47.5	-12.5	-17.8	0.9
157.0	37.2	-47.5	-12.7	-17.7	0.9
163.5	37.2	-47.3	-12.8	-17.5	0.9
170.1	37.2	-47.4	-13.0	-17.3	0.9
176.6	37.2	-47.2	-13.1	-17.2	0.9
183.1	37.2	-47.0	-13.3	-17.1	0.9
189.7	37.2	-47.1	-13.5	-17.0	0.9
196.2	37.2	-47.1	-13.6	-16.9	0.9
202.8	37.2	-47.2	-13.6	-16.9	0.9
209.3	37.2	-47.0	-13.9	-16.8	0.9
217.0	37.2	-47.0	-13.9	-16.9	0.9
226.0	37.2	-46.9	-14.0	-16.9	0.9
235.1	37.2	-46.9	-14.1	-17.0	0.9
244.1	37.2	-46.9	-14.2	-17.0	0.9
253.2	37.3	-46.8	-14.2	-17.0	0.9
262.2	37.3	-46.9	-14.1	-17.0	0.9
271.3	37.3	-46.9	-14.0	-16.9	0.9
280.3	37.3	-46.8	-14.0	-16.8	0.9
289.4	37.4	-46.9	-13.8	-16.8	0.9
300.0	37.4	-46.9	-13.6	-16.7	0.9
312.5	37.5	-46.9	-13.3	-16.7	1.0
325.0	37.5	-47.0	-13.1	-16.8	1.0
337.5	37.5	-47.1	-12.9	-16.9	1.0
350.0	37.6	-47.1	-12.6	-17.1	1.0
362.5	37.6	-47.4	-12.4	-17.3	1.0
375.0	37.6	-47.4	-12.1	-17.5	1.0
387.5	37.7	-47.6	-11.7	-17.6	1.1
400.0	37.7	-47.8	-11.4	-17.6	1.1