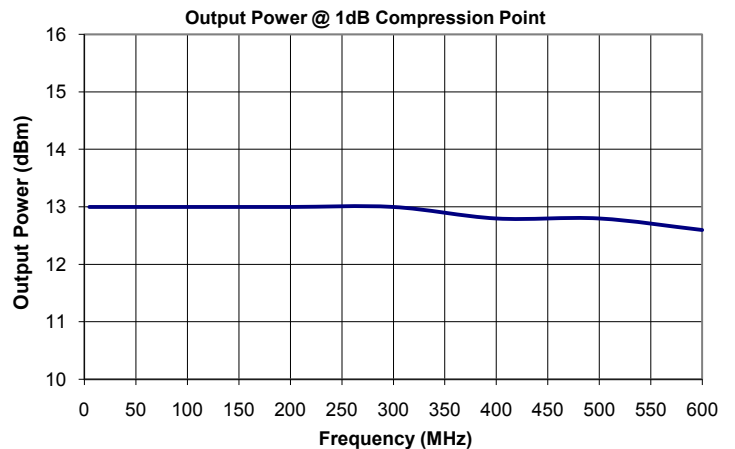
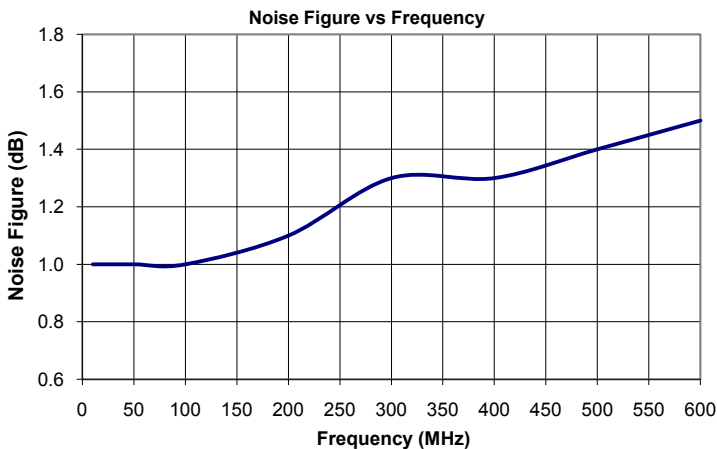
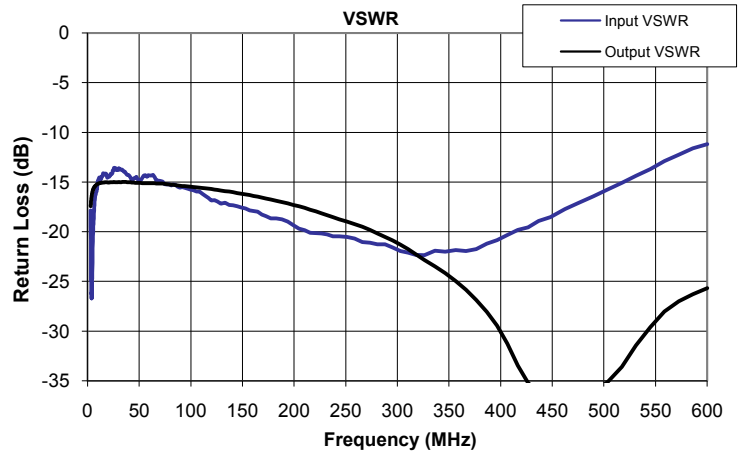
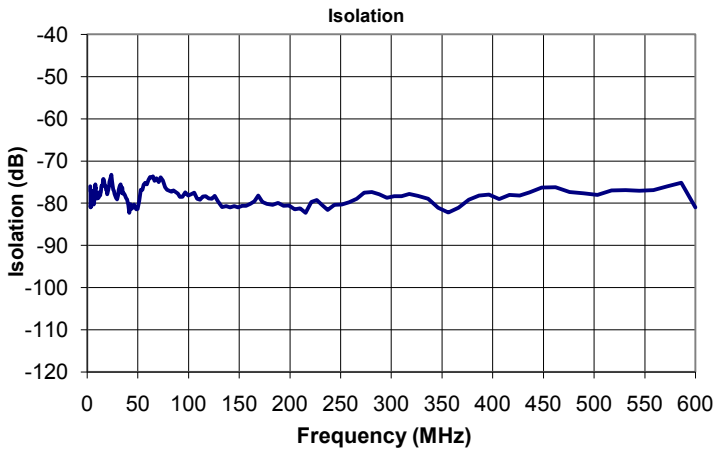
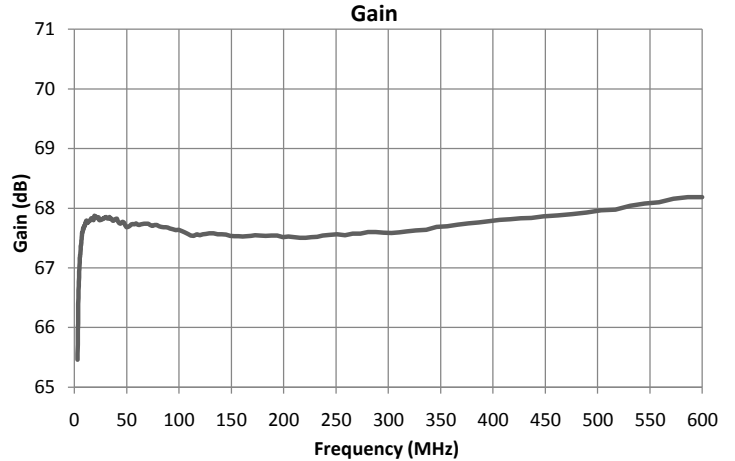


AU-1467

Features

- 3-Year Warranty
- Very Low Noise Figure
- Typical 1.0 μ S Recovery Time
- Internally regulated to +9V
- Reverse voltage protected
- Input Limiter Protected

Parameter	Specification
Frequency Range	10- 600 MHz
Gain	65 dB Min, 67 dB Typ.
Gain Flatness	± 1.0 dB Max, ± 0.5 dB Typ.
Input VSWR	2.0:1 Max.
Output VSWR	2.0:1 Max.
Noise Figure (dB)	1.2, 1.3, 1.6
Output P1dB	+12 dBm Min, +13 dBm Typ.
DC Voltage	+12 to +30 (Marked for +15V)
DC Current	140 mA



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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
3.0	65.5	-75.9	-17.9	-17.4	-15.9
3.1	65.6	-77.1	-19.4	-17.3	24.9
3.2	65.7	-77.4	-20.8	-17.2	29.0
3.3	65.8	-78.8	-22.3	-17.1	40.0
3.4	65.9	-79.2	-23.9	-17.0	38.7
3.5	66.1	-81.0	-24.9	-16.9	47.1
3.6	66.2	-80.2	-24.9	-16.8	55.7
3.6	66.3	-79.9	-25.5	-16.7	39.5
3.7	66.4	-80.6	-26.2	-16.6	43.8
3.8	66.5	-80.8	-26.2	-16.5	44.5
3.9	66.5	-80.6	-26.7	-16.5	37.7
4.0	66.6	-79.2	-26.5	-16.4	32.7
4.1	66.7	-78.9	-25.8	-16.3	34.1
4.2	66.8	-80.0	-25.2	-16.2	31.5
4.4	66.8	-78.3	-24.8	-16.2	28.4
4.5	66.9	-78.6	-24.7	-16.1	25.4
4.6	66.9	-78.8	-24.1	-16.1	32.0
4.8	67.0	-78.3	-23.1	-16.0	25.3
4.9	67.0	-77.9	-22.9	-15.9	24.6
5.0	67.1	-77.5	-21.7	-15.9	26.2
5.1	67.1	-78.4	-21.0	-15.8	26.3
5.3	67.2	-78.7	-20.4	-15.8	24.0
5.4	67.2	-77.7	-20.0	-15.7	25.3
5.5	67.2	-77.0	-19.4	-15.7	22.0
5.7	67.2	-78.2	-19.2	-15.7	21.1
5.8	67.2	-78.2	-18.9	-15.6	20.0
6.0	67.3	-79.2	-18.7	-15.6	17.7
6.2	67.4	-79.7	-18.1	-15.6	18.5
6.4	67.4	-80.3	-17.9	-15.5	15.7
6.5	67.4	-79.9	-17.5	-15.5	13.9
6.7	67.5	-79.3	-17.3	-15.5	17.4
6.9	67.5	-78.5	-16.9	-15.4	13.3
7.0	67.5	-79.4	-16.8	-15.4	17.2
7.2	67.6	-78.5	-16.4	-15.4	15.2
7.4	67.6	-78.6	-16.4	-15.4	14.5
7.6	67.6	-76.9	-16.3	-15.4	13.4
7.8	67.6	-75.9	-16.3	-15.3	11.8
8.0	67.6	-75.5	-16.1	-15.3	13.0
8.3	67.6	-76.4	-16.0	-15.3	15.3
8.5	67.6	-76.3	-16.0	-15.3	9.3
8.7	67.7	-77.3	-15.9	-15.2	9.9
9.0	67.7	-77.7	-15.6	-15.2	5.6
9.2	67.7	-78.1	-15.6	-15.2	8.2
9.4	67.7	-77.7	-15.3	-15.2	8.2
9.7	67.7	-78.7	-15.0	-15.2	8.7
9.9	67.7	-78.4	-14.9	-15.2	7.7
10.1	67.7	-78.8	-14.9	-15.1	6.3
10.4	67.7	-78.2	-14.8	-15.1	4.7
10.7	67.8	-78.5	-14.7	-15.1	7.2
11.1	67.7	-78.7	-14.6	-15.1	8.1
11.4	67.8	-78.0	-14.5	-15.1	7.7
11.7	67.8	-77.4	-14.5	-15.1	6.1
12.0	67.8	-77.5	-14.7	-15.1	5.9

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
12.3	67.8	-77.4	-14.7	-15.1	6.1
12.7	67.8	-78.1	-14.7	-15.1	5.6
13.0	67.8	-77.6	-14.6	-15.1	6.0
13.3	67.8	-77.4	-14.6	-15.1	5.7
13.6	67.8	-76.7	-14.5	-15.1	4.1
13.9	67.8	-75.9	-14.5	-15.1	5.2
14.3	67.8	-76.0	-14.3	-15.1	5.2
14.8	67.8	-75.8	-14.3	-15.1	4.0
15.2	67.8	-75.5	-14.1	-15.0	4.7
15.6	67.8	-74.3	-14.2	-15.0	3.8
16.1	67.8	-74.2	-14.2	-15.0	4.9
16.5	67.8	-74.5	-14.1	-15.0	3.0
17.0	67.8	-75.2	-14.1	-15.0	4.8
17.4	67.8	-75.9	-14.3	-15.0	3.5
17.8	67.8	-76.0	-14.2	-15.0	2.7
18.3	67.8	-75.9	-14.3	-15.0	3.5
18.7	67.8	-76.8	-14.3	-15.0	4.3
19.2	67.9	-76.7	-14.5	-15.0	2.5
19.7	67.9	-77.9	-14.4	-15.0	2.9
20.3	67.9	-77.2	-14.5	-15.0	2.8
20.9	67.8	-76.6	-14.4	-15.0	3.6
21.5	67.8	-75.8	-14.4	-15.0	2.2
22.1	67.8	-74.9	-14.2	-15.0	3.8
22.7	67.8	-74.3	-14.2	-15.0	3.0
23.3	67.8	-73.8	-14.2	-15.0	2.7
23.9	67.8	-73.2	-14.1	-15.0	1.3
24.5	67.8	-74.7	-13.8	-15.0	3.5
25.1	67.8	-75.8	-13.8	-15.0	2.9
25.7	67.8	-76.8	-13.6	-15.0	2.6
26.3	67.8	-77.0	-13.6	-15.0	2.8
27.0	67.8	-77.8	-13.6	-15.0	2.6
27.9	67.8	-78.4	-13.8	-15.0	2.1
28.7	67.8	-78.8	-13.8	-15.0	2.2
29.5	67.8	-79.1	-13.8	-15.0	2.4
30.4	67.9	-78.1	-13.6	-15.0	3.4
31.2	67.8	-76.8	-13.7	-15.0	2.1
32.0	67.8	-75.9	-13.7	-15.0	1.8
32.9	67.8	-75.5	-13.7	-15.0	2.5
33.7	67.8	-77.4	-13.8	-15.0	2.5
34.5	67.8	-76.3	-13.9	-15.0	2.2
35.4	67.8	-77.7	-13.9	-15.0	2.3
36.2	67.8	-77.6	-13.9	-15.0	2.4
37.2	67.8	-78.0	-14.1	-15.0	2.7
38.3	67.8	-78.8	-14.3	-15.0	1.1
39.4	67.8	-79.1	-14.3	-15.0	1.7
40.5	67.8	-80.3	-14.4	-15.0	2.5
41.7	67.8	-82.2	-14.6	-15.0	1.2
42.8	67.7	-80.2	-14.8	-15.0	2.0
43.9	67.7	-81.3	-14.7	-15.0	2.0
45.1	67.8	-80.8	-14.6	-15.0	2.3
46.2	67.8	-80.3	-14.6	-15.1	1.9
47.3	67.8	-81.0	-14.5	-15.1	1.7
48.4	67.7	-81.4	-14.7	-15.1	2.1

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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
49.7	67.7	-81.4	-14.8	-15.1	2.1
51.3	67.7	-79.4	-14.8	-15.1	1.9
52.8	67.7	-76.8	-14.6	-15.1	2.4
54.3	67.7	-76.8	-14.3	-15.1	1.2
55.9	67.7	-75.6	-14.3	-15.1	1.9
57.4	67.7	-75.1	-14.5	-15.1	1.5
58.9	67.7	-75.5	-14.3	-15.1	1.9
60.4	67.7	-74.5	-14.3	-15.1	1.6
62.0	67.7	-73.8	-14.3	-15.1	1.9
63.5	67.7	-73.9	-14.3	-15.1	1.5
65.0	67.7	-73.6	-14.5	-15.1	1.8
66.6	67.7	-74.7	-14.8	-15.1	1.7
68.3	67.7	-74.1	-14.8	-15.1	1.9
70.5	67.7	-75.0	-14.9	-15.1	1.6
72.6	67.7	-73.8	-14.9	-15.1	1.8
74.7	67.7	-74.6	-15.2	-15.2	1.6
76.8	67.7	-76.2	-15.2	-15.2	1.6
78.9	67.7	-76.8	-15.2	-15.2	1.6
81.0	67.7	-77.0	-15.3	-15.3	1.9
83.1	67.7	-77.3	-15.2	-15.3	1.6
85.2	67.7	-76.9	-15.3	-15.3	1.6
87.3	67.7	-77.3	-15.4	-15.3	1.7
89.4	67.7	-77.7	-15.5	-15.3	1.8
91.5	67.7	-78.5	-15.5	-15.4	1.6
93.9	67.6	-78.5	-15.6	-15.4	1.8
96.8	67.6	-77.4	-15.7	-15.4	1.5
99.7	67.6	-78.2	-15.8	-15.5	1.9
102.6	67.6	-77.8	-15.8	-15.5	1.7
105.5	67.6	-77.5	-15.9	-15.5	1.5
108.4	67.6	-78.9	-15.9	-15.5	1.8
111.3	67.5	-79.2	-16.2	-15.6	1.6
114.1	67.5	-78.4	-16.4	-15.6	1.5
117.0	67.6	-78.3	-16.6	-15.7	1.6
119.9	67.5	-78.8	-16.8	-15.7	1.4
122.8	67.6	-78.9	-16.8	-15.7	1.8
125.7	67.6	-78.2	-17.0	-15.8	1.4
129.1	67.6	-79.5	-17.2	-15.8	1.6
133.0	67.6	-80.9	-17.1	-15.9	1.7
137.0	67.6	-80.6	-17.3	-16.0	1.4
141.0	67.6	-80.9	-17.3	-16.0	1.5
145.0	67.6	-80.6	-17.4	-16.1	1.6
148.9	67.5	-81.0	-17.6	-16.2	1.6
152.9	67.5	-80.6	-17.6	-16.2	1.7
156.9	67.5	-80.6	-17.8	-16.3	1.5
160.8	67.5	-80.1	-17.9	-16.4	1.6
164.8	67.5	-79.5	-18.0	-16.5	1.6
168.8	67.5	-78.2	-18.3	-16.6	1.6
172.7	67.5	-79.7	-18.4	-16.6	1.6
177.4	67.5	-80.1	-18.6	-16.8	1.7
182.8	67.5	-80.3	-18.7	-16.9	1.6
188.3	67.5	-79.9	-18.7	-17.0	1.6
193.8	67.5	-80.5	-19.0	-17.1	1.5
199.2	67.5	-80.5	-19.3	-17.3	1.6

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay
204.7	67.5	-81.4	-19.7	-17.4	1.6
210.1	67.5	-81.2	-19.8	-17.6	1.6
215.6	67.5	-82.2	-20.1	-17.8	1.5
221.0	67.5	-79.6	-20.1	-17.9	1.6
226.5	67.5	-79.2	-20.2	-18.1	1.7
231.9	67.5	-80.5	-20.3	-18.3	1.6
237.4	67.5	-81.6	-20.4	-18.5	1.6
243.8	67.5	-80.4	-20.5	-18.8	1.6
251.2	67.6	-80.3	-20.5	-19.0	1.6
258.6	67.5	-79.7	-20.7	-19.2	1.5
265.9	67.6	-78.9	-21.0	-19.5	1.6
273.3	67.6	-77.5	-21.1	-19.8	1.7
280.7	67.6	-77.3	-21.3	-20.2	1.5
288.1	67.6	-77.9	-21.3	-20.5	1.6
295.5	67.6	-78.7	-21.6	-20.9	1.6
302.9	67.6	-78.3	-21.9	-21.3	1.6
310.3	67.6	-78.3	-22.1	-21.7	1.6
317.7	67.6	-77.8	-22.3	-22.3	1.6
326.2	67.6	-78.3	-22.3	-22.8	1.6
336.3	67.6	-78.9	-21.9	-23.5	1.7
346.3	67.7	-81.0	-22.0	-24.2	1.6
356.3	67.7	-82.2	-21.8	-25.0	1.7
366.4	67.7	-81.0	-21.9	-25.8	1.6
376.4	67.7	-79.1	-21.7	-26.9	1.6
386.4	67.8	-78.2	-21.2	-28.1	1.7
396.5	67.8	-78.0	-20.9	-29.4	1.7
406.5	67.8	-79.0	-20.3	-31.3	1.7
416.5	67.8	-78.0	-19.8	-33.5	1.7
426.6	67.8	-78.2	-19.6	-35.2	1.7
436.6	67.8	-77.4	-18.9	-36.3	1.7
448.3	67.9	-76.2	-18.5	-36.8	1.7
462.1	67.9	-76.2	-17.7	-36.9	1.7
475.9	67.9	-77.3	-17.1	-36.7	1.7
489.7	67.9	-77.6	-16.4	-36.1	1.7
503.5	68.0	-78.0	-15.8	-35.1	1.7
517.3	68.0	-77.0	-15.1	-33.6	1.7
531.1	68.0	-76.8	-14.4	-31.4	1.7
544.8	68.1	-77.0	-13.7	-29.6	1.8
558.6	68.1	-76.8	-12.9	-28.0	1.8
572.4	68.2	-76.0	-12.2	-27.0	1.8
586.2	68.2	-75.1	-11.6	-26.3	1.8
600.0	68.2	-80.9	-11.2	-25.7	2.0