

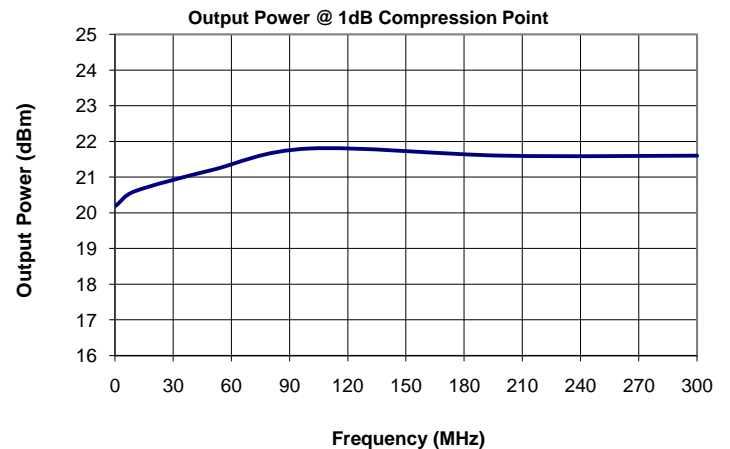
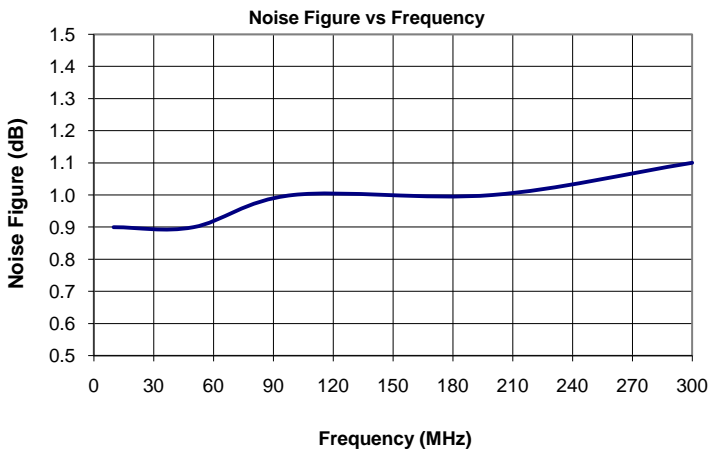
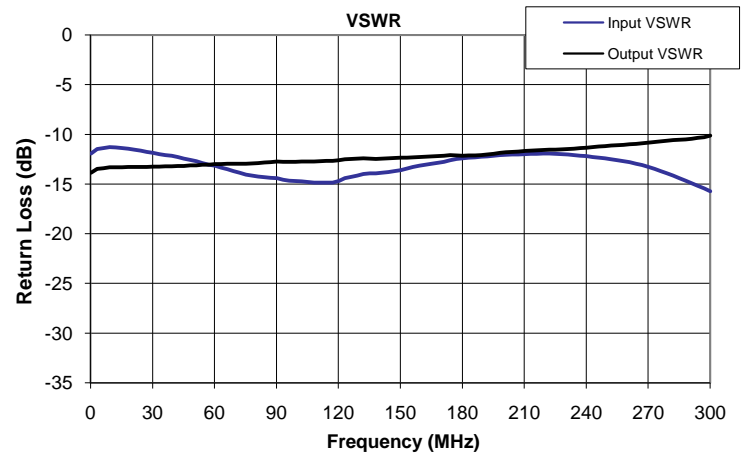
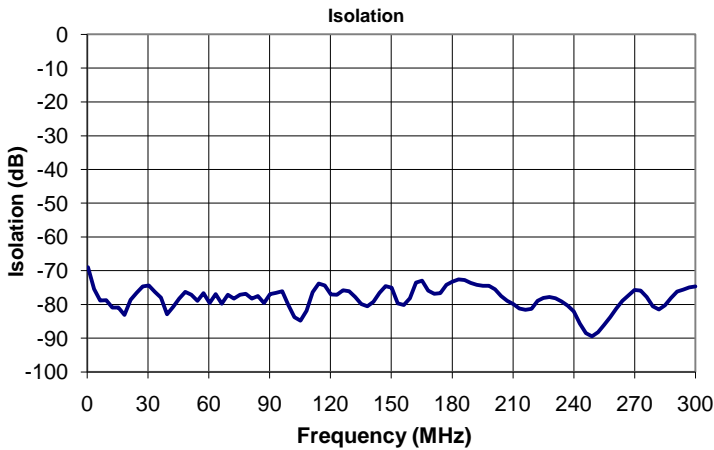
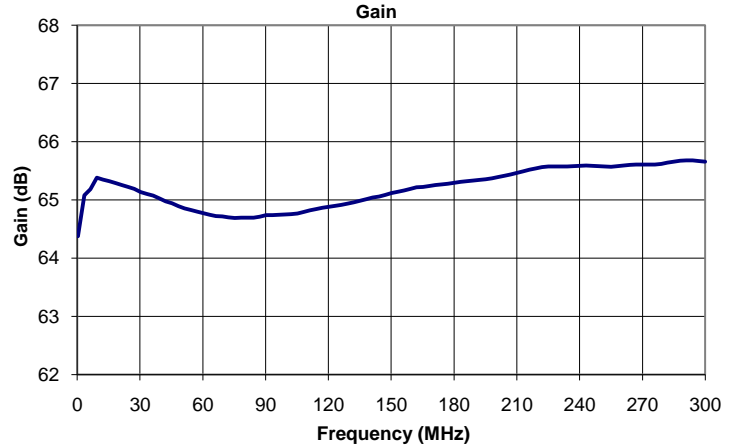
AU-1525

Features

- 3-Year Warranty
- Very Low Noise Figure
- High Gain
- Internally regulated to +12V
- Reverse voltage protected
- Input Limiter Protected

Parameter	Specification
Frequency Range	1 - 300 MHz Min.
Gain	61 dB Min, 65 dB Typ.
Gain Flatness	± 0.75 dB Max, ± 0.5 dB Typ.
Input VSWR	2.0:1 Max.
Output VSWR	2.0:1 Max.
*Noise Figure	1.2, 1.2, 1.3
Output P1dB	+20 dBm Min, +21 dBm Typ.
DC Voltage	+15V
DC Current	225 mA

*Noise Figure at 10 MHz, 150 MHz & 300 MHz



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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)
0.3	64.4	-69.0	-11.9	-13.8
3.3	65.1	-75.4	-11.5	-13.5
6.3	65.2	-78.8	-11.4	-13.4
9.3	65.4	-78.8	-11.3	-13.3
12.3	65.3	-81.0	-11.3	-13.3
15.3	65.3	-80.9	-11.4	-13.3
18.3	65.3	-83.1	-11.4	-13.3
21.3	65.3	-78.7	-11.5	-13.3
24.3	65.2	-76.5	-11.6	-13.3
27.3	65.2	-74.6	-11.8	-13.3
30.3	65.1	-74.4	-11.9	-13.2
33.3	65.1	-76.3	-12.0	-13.2
36.3	65.1	-78.0	-12.1	-13.2
39.3	65.0	-82.9	-12.2	-13.2
42.3	65.0	-80.8	-12.3	-13.2
45.3	64.9	-78.3	-12.4	-13.2
48.3	64.9	-76.3	-12.6	-13.1
51.2	64.9	-77.1	-12.7	-13.1
54.2	64.8	-78.9	-12.9	-13.1
57.2	64.8	-76.7	-13.1	-13.0
60.2	64.8	-79.6	-13.2	-13.0
63.2	64.7	-76.9	-13.3	-13.0
66.2	64.7	-79.8	-13.5	-12.9
69.2	64.7	-77.1	-13.7	-13.0
72.2	64.7	-78.3	-13.9	-13.0
75.2	64.7	-77.1	-14.0	-13.0
78.2	64.7	-76.8	-14.1	-12.9
81.2	64.7	-78.3	-14.3	-12.9
84.2	64.7	-77.5	-14.3	-12.8
87.2	64.7	-79.6	-14.4	-12.8
90.2	64.7	-76.9	-14.4	-12.7
93.2	64.7	-76.6	-14.6	-12.8
96.2	64.7	-76.1	-14.7	-12.8
99.2	64.7	-80.1	-14.7	-12.8
102.2	64.8	-83.8	-14.7	-12.7
105.2	64.8	-84.8	-14.8	-12.7
108.2	64.8	-81.9	-14.8	-12.7
111.2	64.8	-76.4	-14.8	-12.7
114.2	64.8	-73.8	-14.8	-12.7
117.2	64.9	-74.4	-14.9	-12.7
120.2	64.9	-77.1	-14.7	-12.6
123.2	64.9	-77.2	-14.4	-12.5
126.2	64.9	-75.8	-14.3	-12.5
129.2	64.9	-76.1	-14.1	-12.4
132.2	65.0	-77.8	-14.0	-12.4
135.2	65.0	-79.9	-13.9	-12.4
138.2	65.0	-80.6	-13.9	-12.5
141.2	65.0	-79.2	-13.9	-12.4
144.2	65.1	-76.6	-13.8	-12.4
147.2	65.1	-74.6	-13.7	-12.4
150.2	65.1	-75.0	-13.6	-12.3
153.1	65.1	-79.7	-13.4	-12.3
156.1	65.2	-80.2	-13.3	-12.3

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)
159.1	65.2	-78.2	-13.2	-12.3
162.1	65.2	-73.5	-13.1	-12.2
165.1	65.2	-73.0	-13.0	-12.2
168.1	65.2	-75.9	-12.9	-12.2
171.1	65.3	-76.8	-12.8	-12.1
174.1	65.3	-76.6	-12.6	-12.1
177.1	65.3	-74.2	-12.5	-12.1
180.1	65.3	-73.2	-12.4	-12.1
183.1	65.3	-72.6	-12.3	-12.1
186.1	65.3	-72.7	-12.3	-12.1
189.1	65.3	-73.6	-12.3	-12.1
192.1	65.3	-74.2	-12.2	-12.0
195.1	65.4	-74.5	-12.1	-11.9
198.1	65.4	-74.5	-12.1	-11.9
201.1	65.4	-75.5	-12.1	-11.8
204.1	65.4	-77.5	-12.0	-11.8
207.1	65.4	-79.0	-12.0	-11.7
210.1	65.5	-79.9	-12.0	-11.7
213.1	65.5	-81.2	-12.0	-11.6
216.1	65.5	-81.5	-11.9	-11.6
219.1	65.5	-81.3	-11.9	-11.6
222.1	65.6	-78.9	-11.9	-11.6
225.1	65.6	-78.1	-11.9	-11.5
228.1	65.6	-77.8	-12.0	-11.5
231.1	65.6	-78.2	-12.0	-11.5
234.1	65.6	-79.1	-12.1	-11.4
237.1	65.6	-80.4	-12.1	-11.4
240.1	65.6	-82.1	-12.2	-11.3
243.1	65.6	-85.7	-12.3	-11.3
246.1	65.6	-88.5	-12.3	-11.2
249.1	65.6	-89.5	-12.4	-11.2
252.0	65.6	-88.2	-12.5	-11.1
255.0	65.6	-86.0	-12.6	-11.1
258.0	65.6	-83.8	-12.7	-11.0
261.0	65.6	-81.2	-12.8	-11.0
264.0	65.6	-79.0	-12.9	-11.0
267.0	65.6	-77.3	-13.1	-10.9
270.0	65.6	-75.7	-13.3	-10.8
273.0	65.6	-75.9	-13.5	-10.8
276.0	65.6	-77.8	-13.7	-10.7
279.0	65.6	-80.6	-13.9	-10.6
282.0	65.6	-81.5	-14.2	-10.6
285.0	65.7	-80.3	-14.4	-10.5
288.0	65.7	-78.1	-14.7	-10.5
291.0	65.7	-76.2	-14.9	-10.4
294.0	65.7	-75.6	-15.2	-10.4
297.0	65.7	-74.9	-15.4	-10.3
300.0	65.7	-74.7	-15.7	-10.1