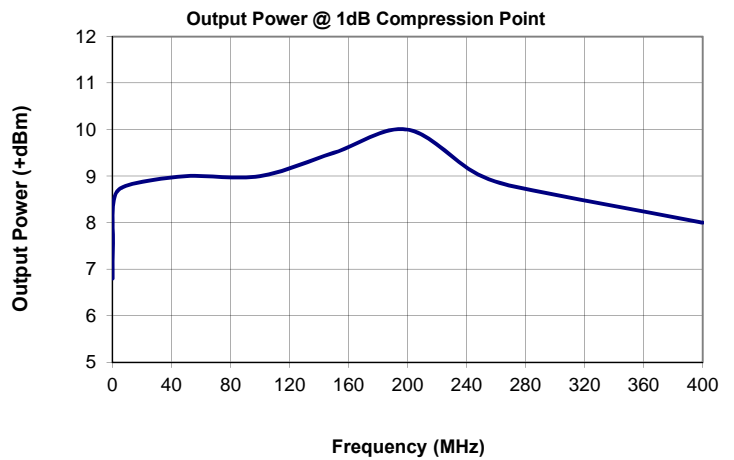
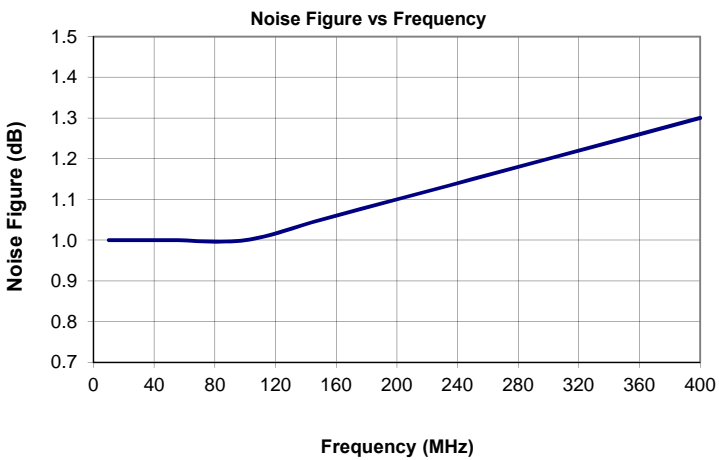
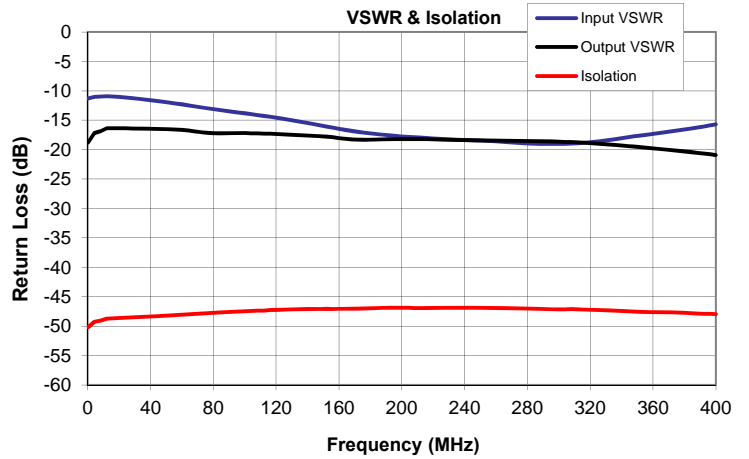
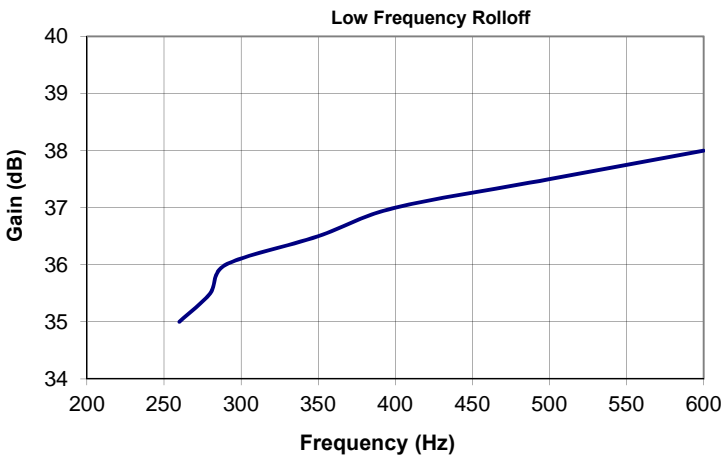
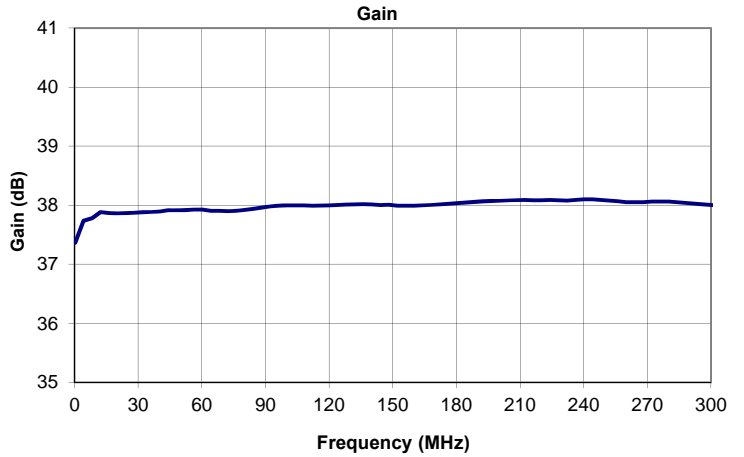


AU-1442

Features

- 3-Year Warranty
- Very Low Frequency Operation
- Flat Gain Response
- Internally regulated to +12V
- Reverse voltage protected
- Input Limiter Protected

**Typical
Data**



100 Davids Drive, Hauppauge, NY 11788
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AU-1442

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
0.3	37.4	-50.2	-11.3	-18.8	3.8
4.3	37.7	-49.3	-11.0	-17.2	3.0
8.3	37.8	-49.1	-11.0	-16.8	2.3
12.3	37.9	-48.7	-10.9	-16.3	1.7
16.3	37.9	-48.7	-11.0	-16.4	1.2
20.3	37.9	-48.7	-11.0	-16.4	1.2
24.3	37.9	-48.6	-11.1	-16.4	1.1
28.3	37.9	-48.5	-11.2	-16.4	1.1
32.3	37.9	-48.5	-11.3	-16.4	1.1
36.3	37.9	-48.5	-11.5	-16.4	1.1
40.3	37.9	-48.4	-11.6	-16.5	1.1
44.3	37.9	-48.3	-11.7	-16.5	1.2
48.3	37.9	-48.3	-11.9	-16.5	1.2
52.3	37.9	-48.2	-12.0	-16.5	1.2
56.3	37.9	-48.1	-12.2	-16.6	1.2
60.3	37.9	-48.1	-12.3	-16.6	1.2
64.3	37.9	-48.0	-12.5	-16.7	1.2
68.2	37.9	-47.9	-12.7	-16.9	1.2
72.2	37.9	-47.9	-12.8	-17.0	1.1
76.2	37.9	-47.8	-13.0	-17.1	1.2
80.2	37.9	-47.7	-13.1	-17.2	1.1
84.2	37.9	-47.7	-13.3	-17.2	1.1
88.2	38.0	-47.6	-13.4	-17.2	1.2
92.2	38.0	-47.6	-13.5	-17.2	1.1
96.2	38.0	-47.5	-13.7	-17.2	1.2
100	38.0	-47.5	-13.8	-17.2	1.2
104	38.0	-47.4	-14.0	-17.2	1.2
108	38.0	-47.4	-14.1	-17.2	1.2
112	38.0	-47.4	-14.3	-17.3	1.2
116	38.0	-47.3	-14.4	-17.3	1.2
120	38.0	-47.3	-14.6	-17.4	1.2
124	38.0	-47.2	-14.7	-17.4	1.2
128	38.0	-47.2	-14.9	-17.5	1.2
132	38.0	-47.1	-15.1	-17.5	1.2
136	38.0	-47.1	-15.3	-17.6	1.3
140	38.0	-47.1	-15.5	-17.6	1.3
144	38.0	-47.1	-15.7	-17.7	1.2
148	38.0	-47.1	-15.9	-17.7	1.2
152	38.0	-47.1	-16.1	-17.8	1.2
156	38.0	-47.1	-16.3	-17.9	1.1
160	38.0	-47.0	-16.5	-18.0	1.2
164	38.0	-47.0	-16.7	-18.1	1.2
168	38.0	-47.0	-16.8	-18.2	1.2
172	38.0	-47.0	-17.0	-18.3	1.2
176	38.0	-47.0	-17.1	-18.3	1.2
180	38.0	-47.0	-17.2	-18.3	1.2
184	38.0	-46.9	-17.4	-18.3	1.2
188	38.1	-46.9	-17.5	-18.3	1.3
192	38.1	-46.9	-17.6	-18.2	1.3
196	38.1	-46.9	-17.7	-18.2	1.2
200	38.1	-46.9	-17.8	-18.2	1.2
204	38.1	-46.9	-17.8	-18.2	1.2
208	38.1	-46.9	-17.9	-18.2	1.2

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
212	38.1	-46.9	-18.0	-18.2	1.2
216	38.1	-46.9	-18.0	-18.2	1.3
220	38.1	-46.9	-18.1	-18.2	1.3
224	38.1	-46.9	-18.2	-18.3	1.3
228	38.1	-46.9	-18.2	-18.3	1.3
232	38.1	-46.9	-18.3	-18.3	1.3
236	38.1	-46.9	-18.3	-18.4	1.3
240	38.1	-46.9	-18.3	-18.4	1.3
244	38.1	-46.9	-18.4	-18.4	1.3
248	38.1	-46.9	-18.4	-18.4	1.3
252	38.1	-46.9	-18.5	-18.4	1.3
256	38.1	-46.9	-18.5	-18.5	1.3
260	38.1	-46.9	-18.6	-18.5	1.3
264	38.1	-46.9	-18.7	-18.5	1.3
268	38.1	-47.0	-18.8	-18.5	1.3
272	38.1	-47.0	-18.8	-18.5	1.3
276	38.1	-47.0	-18.9	-18.5	1.3
280	38.1	-47.0	-19.0	-18.5	1.3
284	38.0	-47.1	-19.0	-18.5	1.3
288	38.0	-47.1	-19.0	-18.6	1.3
292	38.0	-47.1	-19.1	-18.6	1.3
296	38.0	-47.2	-19.0	-18.6	1.3
300	38.0	-47.1	-19.0	-18.6	1.3
304	38.0	-47.1	-19.0	-18.7	1.3
308	38.0	-47.1	-19.0	-18.7	1.3
312	38.0	-47.2	-18.9	-18.8	1.3
316	38.0	-47.2	-18.8	-18.8	1.3
320	37.9	-47.2	-18.7	-18.9	1.3
324	37.9	-47.3	-18.6	-19.0	1.3
328	37.9	-47.3	-18.5	-19.0	1.4
332	37.9	-47.3	-18.4	-19.1	1.4
336	37.9	-47.4	-18.2	-19.2	1.4
340	37.9	-47.4	-18.1	-19.3	1.4
344	37.9	-47.5	-17.9	-19.4	1.4
348	37.9	-47.5	-17.7	-19.5	1.4
352	37.8	-47.6	-17.6	-19.6	1.3
356	37.8	-47.6	-17.4	-19.7	1.3
360	37.8	-47.6	-17.3	-19.8	1.3
364	37.8	-47.6	-17.2	-19.9	1.4
368	37.8	-47.7	-17.0	-20.0	1.4
372	37.7	-47.7	-16.9	-20.1	1.4
376	37.7	-47.7	-16.7	-20.2	1.4
380	37.7	-47.8	-16.6	-20.3	1.4
384	37.6	-47.8	-16.4	-20.4	1.4
388	37.6	-47.9	-16.2	-20.5	1.3
392	37.6	-47.9	-16.1	-20.7	1.4
396	37.5	-47.9	-15.9	-20.8	1.4
400	37.5	-48.0	-15.7	-20.9	1.5