

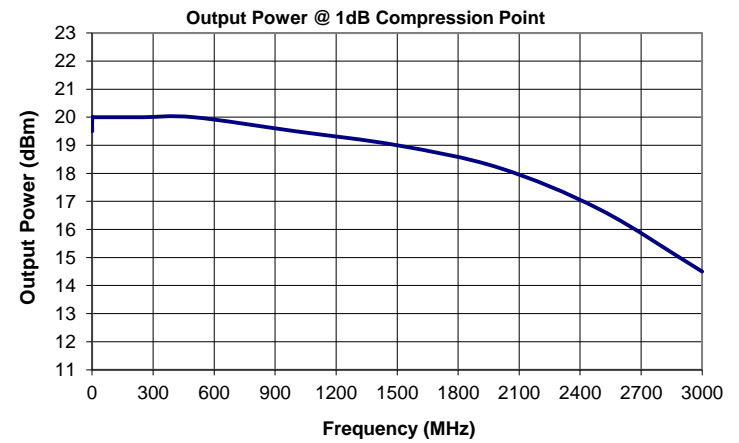
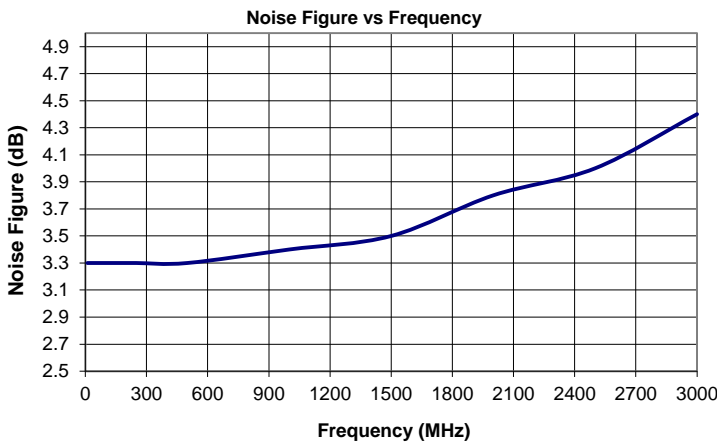
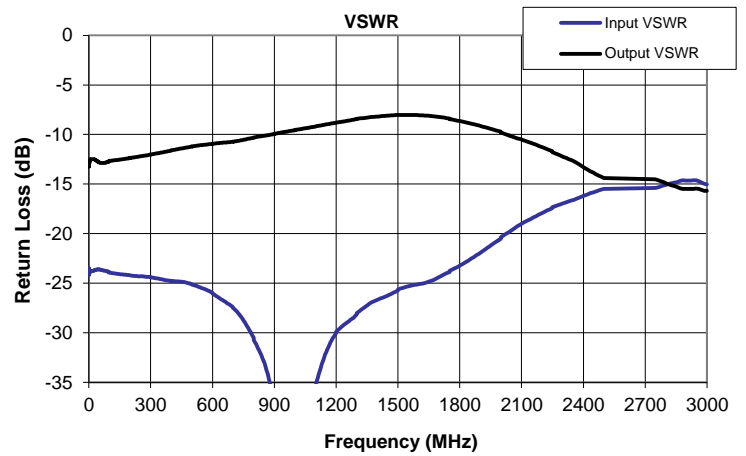
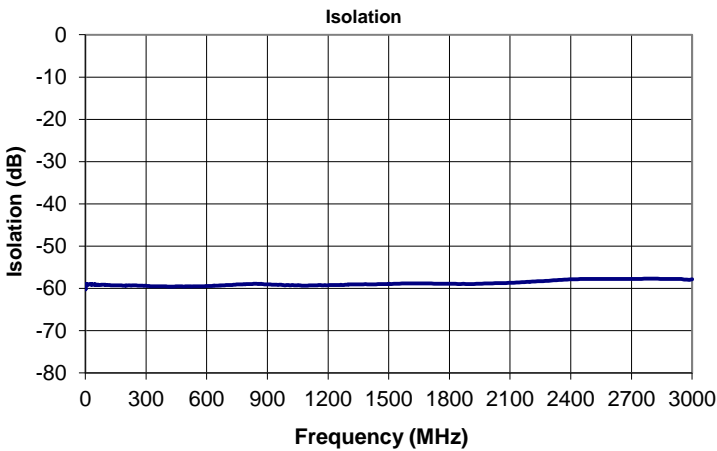
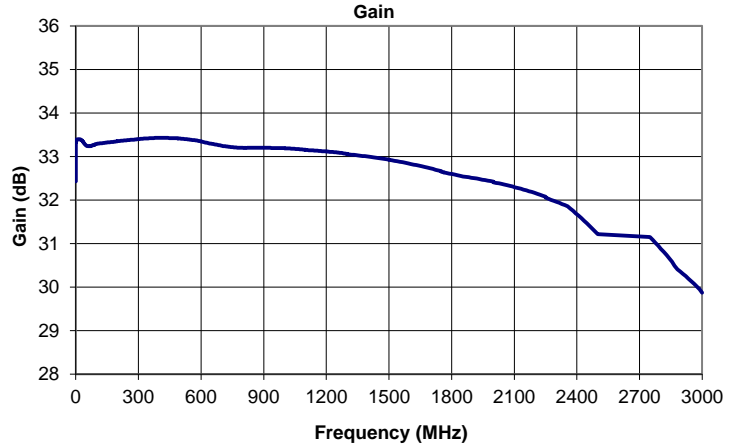
# AM-1604 Series

## Features

3-Year Warranty  
Very Broadband

Internally regulated to +8V  
Reverse voltage protected

# Typical Data



100 Davids Drive, Hauppauge, NY 11788  
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# AM-1604 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
0.30	32.4	-60.3	-23.5	-13.0	346.2
0.31	32.5	-60.0	-23.5	-13.0	312.1
0.33	32.6	-60.0	-23.6	-13.1	297.8
0.34	32.6	-59.9	-23.6	-13.1	267.6
0.36	32.7	-60.1	-23.7	-13.1	253.9
0.37	32.7	-60.0	-23.7	-13.1	239.6
0.39	32.7	-59.9	-23.7	-13.1	221.7
0.40	32.8	-59.9	-23.8	-13.1	211.5
0.41	32.8	-59.9	-23.8	-13.2	200.6
0.43	32.8	-59.8	-23.8	-13.2	191.3
0.44	32.9	-59.8	-23.9	-13.2	182.8
0.46	32.9	-59.8	-23.9	-13.2	175.4
0.47	32.9	-59.8	-23.9	-13.2	163.5
0.49	33.0	-59.7	-24.0	-13.2	153.5
0.50	33.0	-59.7	-24.0	-13.2	145.3
0.51	33.0	-59.7	-24.0	-13.2	135.9
0.53	33.0	-59.7	-24.0	-13.2	127.6
0.54	33.0	-59.7	-24.0	-13.2	121.5
0.56	33.1	-59.7	-24.1	-13.2	116.2
0.57	33.1	-59.6	-24.1	-13.2	109.7
0.59	33.1	-59.6	-24.1	-13.2	103.9
0.60	33.1	-59.6	-24.1	-13.2	100.2
0.61	33.1	-59.6	-24.1	-13.2	93.2
0.63	33.1	-59.6	-24.1	-13.2	91.9
0.64	33.2	-59.6	-24.1	-13.2	88.5
0.66	33.2	-59.5	-24.1	-13.2	83.2
0.67	33.2	-59.5	-24.1	-13.2	78.7
0.69	33.2	-59.5	-24.1	-13.2	75.8
0.70	33.2	-59.5	-24.1	-13.2	73.8
0.71	33.2	-59.5	-24.1	-13.2	68.4
0.73	33.2	-59.5	-24.1	-13.2	67.5
0.74	33.2	-59.5	-24.1	-13.2	64.9
0.76	33.2	-59.5	-24.1	-13.2	63.1
0.77	33.2	-59.5	-24.1	-13.2	59.9
0.79	33.2	-59.4	-24.1	-13.2	57.3
0.80	33.2	-59.4	-24.1	-13.2	56.8
0.81	33.3	-59.4	-24.1	-13.2	52.2
0.83	33.3	-59.4	-24.1	-13.2	50.9
0.84	33.3	-59.4	-24.1	-13.2	49.6
0.86	33.3	-59.4	-24.1	-13.2	46.3
0.87	33.3	-59.3	-24.2	-13.2	44.4
0.89	33.3	-59.3	-24.2	-13.2	43.2
0.90	33.3	-59.3	-24.2	-13.1	41.2
0.91	33.3	-59.3	-24.2	-13.1	38.9
0.93	33.3	-59.3	-24.2	-13.1	36.0
0.94	33.3	-59.3	-24.2	-13.1	35.2
0.96	33.3	-59.3	-24.1	-13.1	31.4
0.97	33.3	-59.2	-24.1	-13.1	29.9
0.99	33.3	-59.2	-24.1	-13.1	28.9
1.00	33.3	-59.3	-24.1	-13.1	27.4
1.00	33.3	-59.3	-24.1	-13.0	24.8
1.2	33.3	-59.3	-24.1	-13.0	22.6
1.4	33.3	-59.2	-24.1	-13.0	21.6

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
1.6	33.3	-59.2	-24.1	-13.0	19.3
1.7	33.4	-59.2	-24.0	-13.0	17.0
1.9	33.4	-59.2	-24.0	-12.9	15.2
2.1	33.4	-59.2	-24.0	-12.9	14.1
2.3	33.4	-59.2	-24.0	-12.9	12.7
2.5	33.4	-59.1	-24.0	-12.9	10.2
2.7	33.4	-59.1	-24.0	-12.8	9.8
2.8	33.4	-59.1	-23.9	-12.8	8.8
3.0	33.4	-59.1	-23.9	-12.8	7.2
3.2	33.4	-59.1	-23.9	-12.8	7.3
3.4	33.4	-59.1	-23.9	-12.8	6.2
3.6	33.4	-59.1	-23.9	-12.7	5.2
3.8	33.4	-59.1	-23.9	-12.7	4.6
3.9	33.4	-59.1	-23.9	-12.7	4.1
4.1	33.4	-59.1	-23.8	-12.7	3.6
4.3	33.4	-59.1	-23.8	-12.7	3.4
4.5	33.4	-59.1	-23.8	-12.7	3.1
4.7	33.4	-59.1	-23.8	-12.6	2.9
4.9	33.4	-59.1	-23.8	-12.6	2.7
5.0	33.4	-59.1	-23.8	-12.6	2.7
5.2	33.4	-59.1	-23.8	-12.6	2.4
5.4	33.4	-59.1	-23.8	-12.6	2.2
5.6	33.4	-59.0	-23.8	-12.6	2.2
5.8	33.4	-59.0	-23.8	-12.6	2.1
6.0	33.4	-59.0	-23.8	-12.6	2.0
6.1	33.4	-59.0	-23.8	-12.6	1.9
6.3	33.4	-59.0	-23.8	-12.6	1.8
6.5	33.4	-59.0	-23.8	-12.6	1.8
6.7	33.4	-59.0	-23.8	-12.5	1.7
6.9	33.4	-59.0	-23.8	-12.5	1.6
7.1	33.4	-59.1	-23.8	-12.5	1.7
7.2	33.4	-59.0	-23.8	-12.5	1.5
7.4	33.4	-59.0	-23.8	-12.5	1.5
7.6	33.4	-59.0	-23.8	-12.5	1.5
7.8	33.4	-59.0	-23.8	-12.5	1.5
8.0	33.4	-59.0	-23.8	-12.5	1.5
8.2	33.4	-59.1	-23.8	-12.5	1.4
8.3	33.4	-59.1	-23.8	-12.5	1.4
8.5	33.4	-59.1	-23.8	-12.5	1.3
8.7	33.4	-59.0	-23.8	-12.5	1.3
8.9	33.4	-59.1	-23.8	-12.5	1.3
9.1	33.4	-59.1	-23.8	-12.5	1.3
9.3	33.4	-59.1	-23.8	-12.5	1.2
9.4	33.4	-59.1	-23.8	-12.5	1.2
9.6	33.4	-59.1	-23.8	-12.5	1.1
9.8	33.4	-59.1	-23.8	-12.5	1.2
10.0	33.4	-59.1	-23.8	-12.5	1.1
10.0	33.4	-59.1	-23.8	-12.5	1.1
10.8	33.4	-59.1	-23.8	-12.5	1.1
11.6	33.4	-59.0	-23.8	-12.5	1.1
12.4	33.4	-59.0	-23.8	-12.5	1.1
13.3	33.4	-59.0	-23.8	-12.5	1.1
14.1	33.4	-59.1	-23.8	-12.5	1.1

# AM-1604 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
14.9	33.4	-59.0	-23.8	-12.5	1.1
15.7	33.4	-59.0	-23.8	-12.5	1.0
16.5	33.4	-59.1	-23.8	-12.5	1.0
17.3	33.4	-59.1	-23.8	-12.5	1.0
18.2	33.4	-59.1	-23.8	-12.5	1.0
19.0	33.4	-59.1	-23.8	-12.5	1.0
19.8	33.4	-59.0	-23.8	-12.5	1.0
20.6	33.4	-59.1	-23.7	-12.5	1.0
21.4	33.4	-59.1	-23.7	-12.5	1.0
22.2	33.4	-59.1	-23.7	-12.5	1.0
23.1	33.4	-59.1	-23.7	-12.5	1.0
23.9	33.4	-59.1	-23.7	-12.5	1.0
24.7	33.4	-59.1	-23.7	-12.5	1.0
25.5	33.4	-59.0	-23.7	-12.5	0.9
26.3	33.4	-59.0	-23.7	-12.5	1.0
27.1	33.4	-59.0	-23.7	-12.5	0.9
28.0	33.4	-59.0	-23.7	-12.5	1.0
28.8	33.4	-59.0	-23.7	-12.5	0.9
29.6	33.4	-59.1	-23.7	-12.5	0.9
30.4	33.4	-59.1	-23.7	-12.5	0.9
31.2	33.4	-59.1	-23.7	-12.6	0.9
32.0	33.4	-59.1	-23.7	-12.6	0.9
32.9	33.4	-59.1	-23.7	-12.6	0.9
33.7	33.3	-59.1	-23.6	-12.6	0.9
34.5	33.3	-59.1	-23.6	-12.6	0.9
35.3	33.3	-59.1	-23.6	-12.6	0.9
36.1	33.3	-59.1	-23.6	-12.6	0.9
36.9	33.3	-59.1	-23.6	-12.6	0.9
37.8	33.3	-59.1	-23.6	-12.6	0.9
38.6	33.3	-59.0	-23.6	-12.7	0.8
39.4	33.3	-59.0	-23.6	-12.7	0.8
40.2	33.3	-59.0	-23.6	-12.7	0.8
41.0	33.3	-59.0	-23.6	-12.7	0.8
41.8	33.3	-59.0	-23.6	-12.7	0.8
42.7	33.3	-59.0	-23.6	-12.7	0.7
43.5	33.3	-59.1	-23.6	-12.7	0.7
44.3	33.3	-59.1	-23.6	-12.7	0.8
45.1	33.3	-59.1	-23.6	-12.8	0.7
45.9	33.3	-59.1	-23.6	-12.8	0.7
46.7	33.3	-59.1	-23.6	-12.8	0.7
47.6	33.3	-59.1	-23.6	-12.8	0.7
48.4	33.3	-59.1	-23.6	-12.8	0.7
49.2	33.3	-59.1	-23.6	-12.8	0.7
50.0	33.3	-59.1	-23.6	-12.8	0.7
50.0	33.2	-59.1	-23.6	-12.8	0.7
51.0	33.2	-59.1	-23.6	-12.8	0.7
52.0	33.2	-59.1	-23.6	-12.8	0.7
53.1	33.2	-59.1	-23.6	-12.8	0.7
54.1	33.2	-59.1	-23.6	-12.8	0.7
55.1	33.2	-59.1	-23.6	-12.9	0.7
56.1	33.2	-59.1	-23.6	-12.9	0.7
57.1	33.2	-59.1	-23.6	-12.9	0.7
58.2	33.2	-59.2	-23.7	-12.9	0.7

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
59.2	33.2	-59.1	-23.7	-12.9	0.7
60.2	33.2	-59.1	-23.7	-12.9	0.7
61.2	33.2	-59.1	-23.7	-12.9	0.7
62.2	33.2	-59.1	-23.7	-12.9	0.8
63.3	33.2	-59.2	-23.7	-12.9	0.8
64.3	33.2	-59.1	-23.7	-12.9	0.8
65.3	33.2	-59.1	-23.7	-12.9	0.8
66.3	33.2	-59.2	-23.7	-12.9	0.8
67.3	33.2	-59.2	-23.7	-12.9	0.8
68.4	33.2	-59.2	-23.7	-12.9	0.8
69.4	33.2	-59.2	-23.7	-12.9	0.8
70.4	33.2	-59.2	-23.7	-12.9	0.8
71.4	33.2	-59.2	-23.7	-12.9	0.8
72.4	33.2	-59.2	-23.7	-12.9	0.8
73.5	33.2	-59.2	-23.7	-12.9	0.8
74.5	33.2	-59.2	-23.7	-12.9	0.8
75.5	33.2	-59.2	-23.7	-12.9	0.8
76.5	33.2	-59.1	-23.7	-12.9	0.8
77.6	33.3	-59.1	-23.7	-12.8	0.8
78.6	33.3	-59.1	-23.7	-12.8	0.8
79.6	33.3	-59.1	-23.7	-12.8	0.8
80.6	33.3	-59.1	-23.8	-12.8	0.8
81.6	33.3	-59.1	-23.8	-12.8	0.8
82.7	33.3	-59.1	-23.8	-12.8	0.8
83.7	33.3	-59.1	-23.8	-12.8	0.8
84.7	33.3	-59.1	-23.8	-12.8	0.8
85.7	33.3	-59.1	-23.8	-12.8	0.8
86.7	33.3	-59.1	-23.8	-12.8	0.8
87.8	33.3	-59.1	-23.8	-12.8	0.8
88.8	33.3	-59.1	-23.8	-12.8	0.8
89.8	33.3	-59.1	-23.8	-12.8	0.8
90.8	33.3	-59.1	-23.8	-12.8	0.8
91.8	33.3	-59.1	-23.8	-12.8	0.8
92.9	33.3	-59.1	-23.8	-12.8	0.8
93.9	33.3	-59.1	-23.8	-12.7	0.8
94.9	33.3	-59.1	-23.9	-12.7	0.8
95.9	33.3	-59.1	-23.9	-12.7	0.8
96.9	33.3	-59.1	-23.9	-12.7	0.8
98.0	33.3	-59.1	-23.9	-12.7	0.8
99.0	33.3	-59.1	-23.9	-12.7	0.8
100.0	33.3	-59.2	-23.9	-12.7	0.8
100.0	33.3	-59.2	-23.9	-12.7	0.8
105.3	33.3	-59.2	-23.9	-12.6	0.8
110.5	33.3	-59.2	-24.0	-12.6	0.8
115.8	33.3	-59.2	-24.0	-12.6	0.8
121.1	33.3	-59.2	-24.0	-12.6	0.8
126.3	33.3	-59.3	-24.0	-12.6	0.8
131.6	33.3	-59.3	-24.0	-12.6	0.8
136.8	33.3	-59.3	-24.0	-12.6	0.8
142.1	33.3	-59.3	-24.1	-12.6	0.8
147.4	33.3	-59.3	-24.1	-12.5	0.7
152.6	33.3	-59.3	-24.1	-12.5	0.8
157.9	33.3	-59.3	-24.1	-12.5	0.7

# AM-1604 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
163.2	33.3	-59.3	-24.1	-12.5	0.8
168.4	33.3	-59.3	-24.1	-12.5	0.8
173.7	33.3	-59.3	-24.1	-12.5	0.8
178.9	33.3	-59.3	-24.1	-12.4	0.8
184.2	33.3	-59.3	-24.2	-12.4	0.8
189.5	33.3	-59.3	-24.2	-12.4	0.8
194.7	33.3	-59.3	-24.2	-12.4	0.8
200.0	33.3	-59.3	-24.2	-12.4	0.8
200.0	33.4	-59.3	-24.2	-12.4	0.8
205.3	33.4	-59.3	-24.2	-12.4	0.8
210.5	33.4	-59.3	-24.2	-12.3	0.8
215.8	33.4	-59.3	-24.2	-12.3	0.8
221.1	33.4	-59.3	-24.3	-12.3	0.8
226.3	33.4	-59.3	-24.3	-12.3	0.8
231.6	33.4	-59.3	-24.3	-12.3	0.8
236.8	33.4	-59.3	-24.3	-12.2	0.8
242.1	33.4	-59.3	-24.3	-12.2	0.8
247.4	33.4	-59.3	-24.3	-12.2	0.8
252.6	33.4	-59.3	-24.3	-12.2	0.8
257.9	33.4	-59.3	-24.3	-12.2	0.8
263.2	33.4	-59.3	-24.3	-12.2	0.8
268.4	33.4	-59.4	-24.3	-12.1	0.8
273.7	33.4	-59.4	-24.3	-12.1	0.8
278.9	33.4	-59.4	-24.3	-12.1	0.8
284.2	33.4	-59.4	-24.4	-12.1	0.8
289.5	33.4	-59.4	-24.4	-12.1	0.8
294.7	33.4	-59.4	-24.4	-12.0	0.8
300.0	33.4	-59.4	-24.4	-12.0	0.8
300.0	33.4	-59.4	-24.4	-12.0	0.8
305.3	33.4	-59.4	-24.4	-12.0	0.8
310.5	33.4	-59.4	-24.4	-12.0	0.8
315.8	33.4	-59.4	-24.5	-12.0	0.8
321.1	33.4	-59.5	-24.5	-11.9	0.8
326.3	33.4	-59.5	-24.5	-11.9	0.8
331.6	33.4	-59.5	-24.5	-11.9	0.8
336.8	33.4	-59.5	-24.5	-11.9	0.8
342.1	33.4	-59.5	-24.6	-11.9	0.8
347.4	33.4	-59.5	-24.6	-11.8	0.8
352.6	33.4	-59.5	-24.6	-11.8	0.8
357.9	33.4	-59.5	-24.6	-11.8	0.8
363.2	33.4	-59.5	-24.6	-11.8	0.8
368.4	33.4	-59.5	-24.7	-11.8	0.8
373.7	33.4	-59.5	-24.7	-11.7	0.8
378.9	33.4	-59.5	-24.7	-11.7	0.8
384.2	33.4	-59.5	-24.7	-11.7	0.8
389.5	33.4	-59.5	-24.7	-11.7	0.8
394.7	33.4	-59.5	-24.7	-11.6	0.8
400.0	33.4	-59.5	-24.8	-11.6	0.8
400.0	33.4	-59.5	-24.8	-11.6	0.8
405.3	33.4	-59.5	-24.8	-11.6	0.8
410.5	33.4	-59.5	-24.8	-11.6	0.8
415.8	33.4	-59.6	-24.8	-11.5	0.8
421.1	33.4	-59.6	-24.8	-11.5	0.8

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
426.3	33.4	-59.6	-24.8	-11.5	0.8
431.6	33.4	-59.6	-24.8	-11.5	0.8
436.8	33.4	-59.6	-24.8	-11.5	0.8
442.1	33.4	-59.5	-24.8	-11.4	0.8
447.4	33.4	-59.5	-24.8	-11.4	0.8
452.6	33.4	-59.5	-24.9	-11.4	0.8
457.9	33.4	-59.5	-24.9	-11.4	0.8
463.2	33.4	-59.5	-24.9	-11.4	0.8
468.4	33.4	-59.5	-24.9	-11.3	0.8
473.7	33.4	-59.5	-24.9	-11.3	0.8
478.9	33.4	-59.5	-25.0	-11.3	0.8
484.2	33.4	-59.5	-25.0	-11.3	0.8
489.5	33.4	-59.5	-25.0	-11.3	0.8
494.7	33.4	-59.5	-25.1	-11.2	0.8
500.0	33.4	-59.5	-25.1	-11.2	0.8
500.0	33.4	-59.5	-25.1	-11.2	0.8
505.3	33.4	-59.5	-25.2	-11.2	0.8
510.5	33.4	-59.5	-25.2	-11.2	0.8
515.8	33.4	-59.5	-25.2	-11.2	0.8
521.1	33.4	-59.5	-25.3	-11.1	0.8
526.3	33.4	-59.5	-25.3	-11.1	0.8
531.6	33.4	-59.5	-25.4	-11.1	0.8
536.8	33.4	-59.5	-25.4	-11.1	0.8
542.1	33.4	-59.5	-25.4	-11.1	0.8
547.4	33.4	-59.5	-25.5	-11.1	0.8
552.6	33.4	-59.5	-25.5	-11.1	0.8
557.9	33.4	-59.5	-25.6	-11.0	0.8
563.2	33.4	-59.5	-25.6	-11.0	0.8
568.4	33.4	-59.5	-25.6	-11.0	0.8
573.7	33.4	-59.5	-25.7	-11.0	0.8
578.9	33.4	-59.5	-25.7	-11.0	0.8
584.2	33.4	-59.5	-25.8	-11.0	0.8
589.5	33.4	-59.5	-25.8	-11.0	0.8
594.7	33.4	-59.5	-25.9	-11.0	0.8
600.0	33.3	-59.4	-26.0	-10.9	0.8
600.0	33.3	-59.4	-26.0	-10.9	0.8
605.3	33.3	-59.5	-26.1	-10.9	0.8
610.5	33.3	-59.4	-26.2	-10.9	0.8
615.8	33.3	-59.4	-26.2	-10.9	0.8
621.1	33.3	-59.4	-26.3	-10.9	0.8
626.3	33.3	-59.4	-26.4	-10.9	0.8
631.6	33.3	-59.4	-26.5	-10.9	0.8
636.8	33.3	-59.3	-26.5	-10.9	0.8
642.1	33.3	-59.3	-26.6	-10.8	0.8
647.4	33.3	-59.3	-26.7	-10.8	0.8
652.6	33.3	-59.3	-26.8	-10.8	0.8
657.9	33.3	-59.3	-26.8	-10.8	0.8
663.2	33.3	-59.3	-26.9	-10.8	0.8
668.4	33.3	-59.3	-27.0	-10.8	0.8
673.7	33.3	-59.3	-27.0	-10.8	0.8
678.9	33.3	-59.2	-27.1	-10.8	0.8
684.2	33.3	-59.3	-27.2	-10.8	0.8
689.5	33.3	-59.2	-27.3	-10.8	0.8

# AM-1604 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
694.7	33.3	-59.2	-27.3	-10.7	0.8
700.0	33.2	-59.2	-27.4	-10.7	0.8
700.0	33.2	-59.2	-27.5	-10.7	0.8
705.3	33.2	-59.2	-27.6	-10.7	0.8
710.5	33.2	-59.2	-27.7	-10.7	0.8
715.8	33.2	-59.2	-27.8	-10.7	0.8
721.1	33.2	-59.2	-27.9	-10.7	0.8
726.3	33.2	-59.2	-28.1	-10.6	0.8
731.6	33.2	-59.1	-28.2	-10.6	0.8
736.8	33.2	-59.1	-28.3	-10.6	0.8
742.1	33.2	-59.1	-28.5	-10.6	0.8
747.4	33.2	-59.1	-28.6	-10.5	0.8
752.6	33.2	-59.1	-28.8	-10.5	0.8
757.9	33.2	-59.0	-29.0	-10.5	0.7
763.2	33.2	-59.0	-29.2	-10.5	0.8
768.4	33.2	-59.0	-29.3	-10.5	0.8
773.7	33.2	-59.0	-29.5	-10.4	0.8
778.9	33.2	-59.0	-29.7	-10.4	0.8
784.2	33.2	-59.0	-29.9	-10.4	0.8
789.5	33.2	-59.0	-30.1	-10.4	0.8
794.7	33.2	-59.0	-30.3	-10.3	0.8
800.0	33.2	-59.0	-30.5	-10.3	0.8
800.0	33.2	-59.0	-30.7	-10.3	0.8
805.3	33.2	-59.0	-30.9	-10.3	0.8
810.5	33.2	-59.0	-31.1	-10.3	0.8
815.8	33.2	-59.0	-31.3	-10.2	0.8
821.1	33.2	-59.0	-31.5	-10.2	0.8
826.3	33.2	-59.0	-31.8	-10.2	0.8
831.6	33.2	-58.9	-32.0	-10.2	0.8
836.8	33.2	-58.9	-32.3	-10.2	0.8
842.1	33.2	-58.9	-32.5	-10.2	0.8
847.4	33.2	-58.9	-32.8	-10.1	0.7
852.6	33.2	-58.9	-33.1	-10.1	0.7
857.9	33.2	-58.9	-33.4	-10.1	0.7
863.2	33.2	-59.0	-33.8	-10.1	0.8
868.4	33.2	-58.9	-34.2	-10.1	0.8
873.7	33.2	-59.0	-34.6	-10.1	0.8
878.9	33.2	-59.0	-35.1	-10.0	0.8
884.2	33.2	-59.0	-35.6	-10.0	0.8
889.5	33.2	-59.0	-36.2	-10.0	0.8
894.7	33.2	-59.0	-36.8	-10.0	0.8
900.0	33.2	-59.0	-37.5	-10.0	0.8
900.0	33.2	-59.0	-38.2	-9.9	0.8
905.3	33.2	-59.1	-38.9	-9.9	0.8
910.5	33.2	-59.1	-39.8	-9.9	0.8
915.8	33.2	-59.1	-40.8	-9.9	0.8
921.1	33.2	-59.1	-41.8	-9.8	0.8
926.3	33.2	-59.1	-43.2	-9.8	0.8
931.6	33.2	-59.1	-44.8	-9.8	0.8
936.8	33.2	-59.1	-46.0	-9.8	0.8
942.1	33.2	-59.2	-47.0	-9.8	0.8
947.4	33.2	-59.1	-48.0	-9.7	0.8
952.6	33.2	-59.2	-48.8	-9.7	0.8

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
957.9	33.2	-59.2	-49.4	-9.7	0.8
963.2	33.2	-59.1	-49.9	-9.7	0.8
968.4	33.2	-59.1	-50.3	-9.7	0.8
973.7	33.2	-59.2	-50.6	-9.7	0.8
978.9	33.2	-59.2	-50.8	-9.6	0.8
984.2	33.2	-59.2	-50.9	-9.6	0.8
989.5	33.2	-59.3	-50.8	-9.6	0.8
994.7	33.2	-59.2	-50.8	-9.6	0.8
1000.0	33.2	-59.2	-50.6	-9.6	0.8
1000.0	33.2	-59.2	-50.4	-9.5	0.8
1005.3	33.2	-59.2	-50.1	-9.5	0.8
1010.5	33.2	-59.2	-49.7	-9.5	0.8
1015.8	33.2	-59.2	-49.2	-9.5	0.8
1021.1	33.2	-59.2	-48.6	-9.5	0.8
1026.3	33.2	-59.2	-48.0	-9.5	0.8
1031.6	33.2	-59.3	-47.1	-9.4	0.8
1036.8	33.2	-59.3	-46.2	-9.4	0.8
1042.1	33.2	-59.2	-44.9	-9.4	0.8
1047.4	33.2	-59.2	-43.4	-9.4	0.8
1052.6	33.2	-59.2	-42.2	-9.4	0.8
1057.9	33.2	-59.2	-41.2	-9.3	0.8
1063.2	33.2	-59.3	-40.2	-9.3	0.8
1068.4	33.2	-59.3	-39.3	-9.3	0.8
1073.7	33.2	-59.3	-38.6	-9.3	0.8
1078.9	33.2	-59.3	-37.9	-9.3	0.8
1084.2	33.2	-59.3	-37.4	-9.3	0.8
1089.5	33.2	-59.3	-36.8	-9.2	0.8
1094.7	33.2	-59.4	-36.3	-9.2	0.8
1100.0	33.2	-59.3	-35.8	-9.2	0.8
1100.0	33.2	-59.3	-35.4	-9.2	0.8
1105.3	33.1	-59.3	-35.0	-9.2	0.8
1110.5	33.1	-59.3	-34.6	-9.1	0.8
1115.8	33.1	-59.3	-34.2	-9.1	0.8
1121.1	33.1	-59.3	-33.8	-9.1	0.8
1126.3	33.1	-59.3	-33.4	-9.1	0.8
1131.6	33.1	-59.3	-33.1	-9.1	0.8
1136.8	33.1	-59.3	-32.8	-9.0	0.8
1142.1	33.1	-59.3	-32.5	-9.0	0.8
1147.4	33.1	-59.2	-32.2	-9.0	0.8
1152.6	33.1	-59.2	-31.9	-9.0	0.8
1157.9	33.1	-59.2	-31.7	-9.0	0.8
1163.2	33.1	-59.2	-31.4	-8.9	0.8
1168.4	33.1	-59.2	-31.2	-8.9	0.8
1173.7	33.1	-59.2	-30.9	-8.9	0.8
1178.9	33.1	-59.2	-30.7	-8.9	0.8
1184.2	33.1	-59.2	-30.5	-8.9	0.8
1189.5	33.1	-59.2	-30.4	-8.8	0.8
1194.7	33.1	-59.2	-30.2	-8.8	0.8
1200.0	33.1	-59.3	-30.1	-8.8	0.8
1200.0	33.1	-59.3	-29.9	-8.8	0.8
1205.3	33.1	-59.2	-29.8	-8.8	0.8
1210.5	33.1	-59.2	-29.7	-8.8	0.8
1215.8	33.1	-59.2	-29.6	-8.7	0.8

# AM-1604 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
1221.1	33.1	-59.2	-29.5	-8.7	0.8
1226.3	33.1	-59.2	-29.4	-8.7	0.8
1231.6	33.1	-59.2	-29.3	-8.7	0.8
1236.8	33.1	-59.2	-29.2	-8.7	0.8
1242.1	33.1	-59.2	-29.1	-8.7	0.8
1247.4	33.1	-59.2	-29.0	-8.6	0.8
1252.6	33.1	-59.2	-29.0	-8.6	0.8
1257.9	33.1	-59.2	-28.9	-8.6	0.8
1263.2	33.1	-59.1	-28.8	-8.6	0.8
1268.4	33.1	-59.2	-28.7	-8.6	0.8
1273.7	33.1	-59.2	-28.6	-8.5	0.8
1278.9	33.1	-59.2	-28.6	-8.5	0.8
1284.2	33.1	-59.1	-28.5	-8.5	0.8
1289.5	33.1	-59.1	-28.4	-8.5	0.8
1294.7	33.1	-59.1	-28.3	-8.5	0.8
1300.0	33.1	-59.1	-28.1	-8.4	0.8
1300.0	33.1	-59.1	-28.0	-8.4	0.8
1310.5	33.0	-59.1	-27.9	-8.4	0.8
1321.1	33.0	-59.0	-27.7	-8.4	0.8
1331.6	33.0	-59.0	-27.5	-8.3	0.8
1342.1	33.0	-59.0	-27.3	-8.3	0.8
1352.6	33.0	-59.0	-27.2	-8.3	0.8
1363.2	33.0	-59.0	-27.0	-8.3	0.8
1373.7	33.0	-59.0	-26.9	-8.2	0.8
1384.2	33.0	-59.0	-26.8	-8.2	0.8
1394.7	33.0	-59.0	-26.7	-8.2	0.8
1405.3	33.0	-59.0	-26.6	-8.2	0.8
1415.8	33.0	-59.0	-26.5	-8.2	0.8
1426.3	33.0	-59.0	-26.4	-8.1	0.8
1436.8	33.0	-59.0	-26.4	-8.1	0.8
1447.4	33.0	-59.0	-26.3	-8.1	0.8
1457.9	33.0	-59.0	-26.2	-8.1	0.8
1468.4	33.0	-59.0	-26.1	-8.1	0.8
1478.9	32.9	-59.0	-26.0	-8.1	0.8
1489.5	32.9	-59.0	-25.8	-8.0	0.8
1500.0	32.9	-58.9	-25.7	-8.0	0.8
1500.0	32.9	-58.9	-25.6	-8.0	0.8
1513.2	32.9	-58.9	-25.5	-8.0	0.8
1526.3	32.9	-58.9	-25.4	-8.0	0.8
1539.5	32.9	-58.9	-25.4	-8.0	0.8
1552.6	32.9	-58.9	-25.3	-8.0	0.8
1565.8	32.9	-58.8	-25.2	-8.0	0.8
1578.9	32.9	-58.8	-25.2	-8.0	0.8
1592.1	32.8	-58.8	-25.1	-8.0	0.8
1605.3	32.8	-58.8	-25.1	-8.1	0.8
1618.4	32.8	-58.8	-25.0	-8.1	0.8
1631.6	32.8	-58.8	-25.0	-8.1	0.8
1644.7	32.8	-58.8	-24.9	-8.1	0.8
1657.9	32.8	-58.8	-24.8	-8.1	0.8
1671.1	32.8	-58.8	-24.7	-8.2	0.8
1684.2	32.7	-58.8	-24.5	-8.2	0.8
1697.4	32.7	-58.8	-24.4	-8.2	0.8
1710.5	32.7	-58.8	-24.3	-8.3	0.8

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
1723.7	32.7	-58.9	-24.1	-8.3	0.8
1736.8	32.7	-58.9	-24.0	-8.3	0.8
1750.0	32.7	-58.9	-23.9	-8.4	0.8
1750.0	32.7	-58.9	-23.7	-8.4	0.8
1763.2	32.6	-58.9	-23.6	-8.5	0.8
1776.3	32.6	-58.9	-23.5	-8.5	0.8
1789.5	32.6	-58.9	-23.4	-8.6	0.8
1802.6	32.6	-58.9	-23.2	-8.7	0.8
1815.8	32.6	-58.9	-23.0	-8.7	0.8
1828.9	32.6	-58.9	-22.9	-8.8	0.8
1842.1	32.6	-58.9	-22.7	-8.8	0.8
1855.3	32.5	-58.9	-22.5	-8.9	0.8
1868.4	32.5	-58.9	-22.4	-9.0	0.8
1881.6	32.5	-58.9	-22.2	-9.0	0.8
1894.7	32.5	-59.0	-22.0	-9.1	0.8
1907.9	32.5	-59.0	-21.8	-9.2	0.8
1921.1	32.5	-59.0	-21.6	-9.3	0.8
1934.2	32.5	-58.9	-21.4	-9.3	0.8
1947.4	32.5	-58.9	-21.2	-9.4	0.8
1960.5	32.5	-58.9	-21.0	-9.5	0.8
1973.7	32.4	-58.8	-20.8	-9.6	0.8
1986.8	32.4	-58.8	-20.7	-9.6	0.8
2000.0	32.4	-58.8	-20.5	-9.7	0.8
2000.0	32.4	-58.8	-20.3	-9.8	0.8
2013.2	32.4	-58.8	-20.2	-9.9	0.8
2026.3	32.4	-58.8	-20.0	-10.0	0.8
2039.5	32.4	-58.7	-19.8	-10.1	0.8
2052.6	32.4	-58.7	-19.6	-10.2	0.8
2065.8	32.3	-58.7	-19.5	-10.3	0.8
2078.9	32.3	-58.7	-19.3	-10.4	0.8
2092.1	32.3	-58.7	-19.1	-10.5	0.8
2105.3	32.3	-58.7	-18.9	-10.6	0.8
2118.4	32.3	-58.6	-18.8	-10.7	0.8
2131.6	32.3	-58.6	-18.6	-10.7	0.8
2144.7	32.2	-58.6	-18.5	-10.8	0.8
2157.9	32.2	-58.5	-18.4	-10.9	0.8
2171.1	32.2	-58.5	-18.2	-11.0	0.8
2184.2	32.2	-58.5	-18.1	-11.1	0.8
2197.4	32.2	-58.4	-17.9	-11.3	0.8
2210.5	32.1	-58.4	-17.8	-11.4	0.8
2223.7	32.1	-58.3	-17.7	-11.5	0.8
2236.8	32.1	-58.3	-17.5	-11.6	0.8
2250.0	32.1	-58.3	-17.4	-11.7	0.8
2250.0	32.1	-58.3	-17.3	-11.8	0.8
2263.2	32.0	-58.3	-17.2	-11.9	0.8
2276.3	32.0	-58.2	-17.1	-12.0	0.8
2289.5	32.0	-58.2	-17.0	-12.1	0.8
2302.6	32.0	-58.1	-16.9	-12.2	0.8
2315.8	31.9	-58.1	-16.8	-12.4	0.8
2328.9	31.9	-58.1	-16.7	-12.5	0.8
2342.1	31.9	-58.0	-16.7	-12.6	0.8
2355.3	31.9	-58.0	-16.6	-12.7	0.8
2368.4	31.8	-57.9	-16.5	-12.9	0.8

## AM-1604 Series

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
2381.6	31.8	-57.9	-16.3	-13.0	0.8
2394.7	31.7	-57.9	-16.2	-13.2	0.8
2407.9	31.6	-57.8	-16.1	-13.4	0.9
2421.1	31.6	-57.8	-16.0	-13.5	0.9
2434.2	31.5	-57.8	-15.9	-13.7	0.9
2447.4	31.5	-57.8	-15.8	-13.9	0.9
2460.5	31.4	-57.8	-15.7	-14.0	0.9
2473.7	31.3	-57.8	-15.7	-14.1	0.9
2486.8	31.3	-57.8	-15.6	-14.3	0.9
2500.0	31.2	-57.8	-15.5	-14.4	0.9
2750.0	31.2	-57.7	-15.4	-14.5	0.9
2763.2	31.1	-57.7	-15.3	-14.6	0.9
2776.3	31.0	-57.7	-15.2	-14.7	0.9
2789.5	31.0	-57.7	-15.1	-14.8	0.9
2802.6	30.9	-57.7	-15.1	-14.9	0.9
2815.8	30.8	-57.7	-15.0	-15.0	0.9
2828.9	30.7	-57.7	-14.9	-15.1	0.9
2842.1	30.7	-57.7	-14.9	-15.2	0.9
2855.3	30.6	-57.7	-14.8	-15.3	0.9
2868.4	30.5	-57.7	-14.7	-15.4	0.9
2881.6	30.4	-57.7	-14.6	-15.5	0.9
2894.7	30.4	-57.8	-14.6	-15.5	0.9
2907.9	30.3	-57.7	-14.6	-15.5	0.9
2921.1	30.3	-57.8	-14.6	-15.5	0.9
2934.2	30.2	-57.8	-14.6	-15.5	0.9
2947.4	30.1	-57.8	-14.6	-15.5	0.9
2960.5	30.1	-57.9	-14.7	-15.5	0.9
2973.7	30.0	-57.9	-14.8	-15.6	0.9
2986.8	29.9	-58.0	-15.0	-15.7	0.9
3000.0	29.9	-57.9	-15.1	-15.7	0.9