

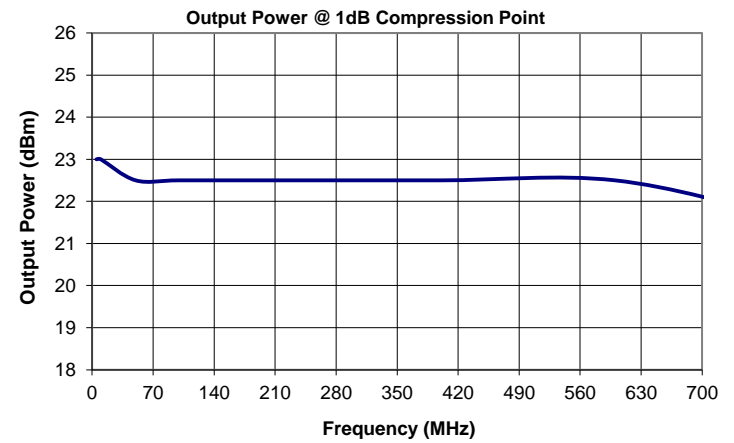
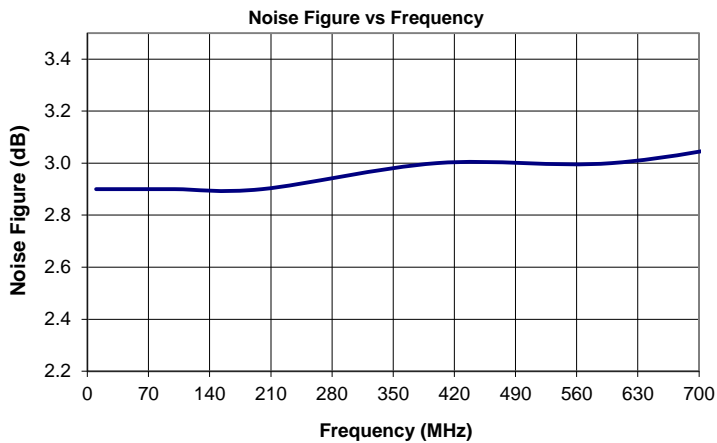
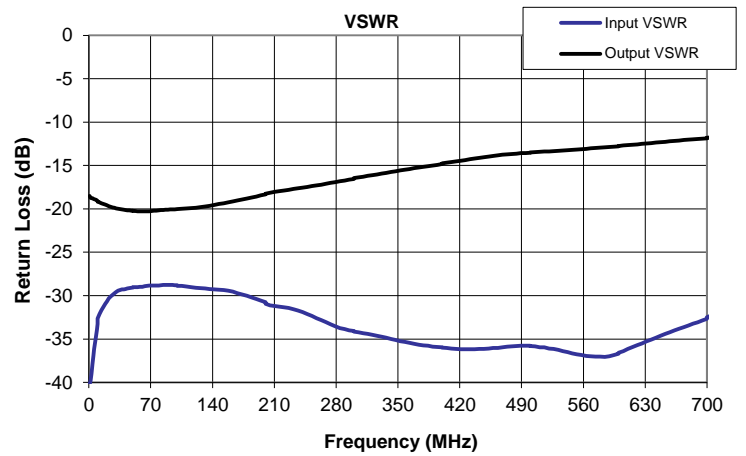
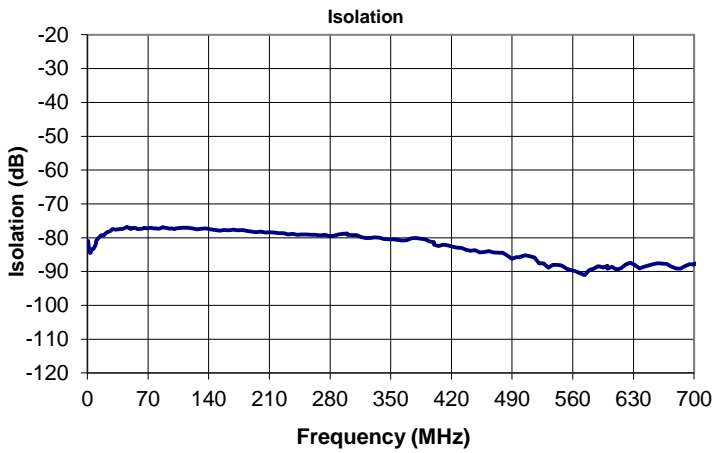
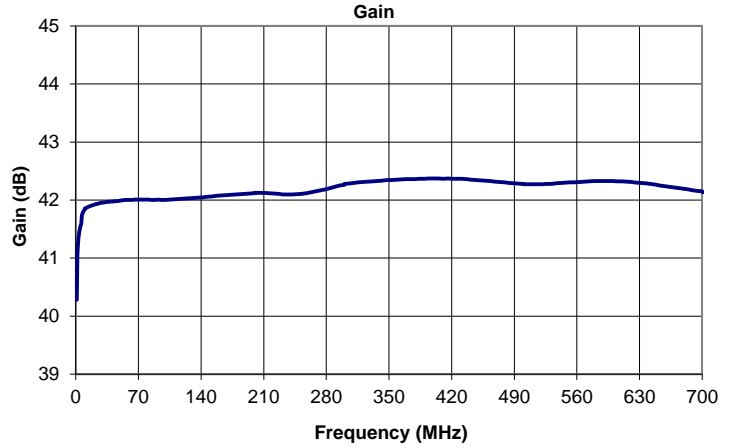
AM-1605

Features

3-Year Warranty
High Dynamic Range

Internally regulated to +8V
Reverse voltage protected
Input Limiter Protected

Typical Data



100 Davids Drive, Hauppauge, NY 11788
TEL.: (631) 439-9220 • FAX: (631) 436-7430
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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
1.0	40.3	-81.0	-40.2	-18.5	70.6
2.0	41.1	-83.6	-39.8	-18.7	55.7
3.0	41.3	-84.5	-39.0	-18.8	37.7
4.0	41.5	-84.4	-37.9	-18.8	28.5
5.0	41.5	-83.4	-36.9	-18.8	22.8
6.0	41.6	-83.4	-36.2	-18.9	18.9
7.0	41.7	-83.3	-35.5	-18.9	12.7
8.0	41.8	-82.8	-34.7	-19.0	6.4
9.0	41.8	-82.5	-33.9	-19.0	4.3
10.0	41.8	-81.5	-33.3	-19.1	3.2
10.0	41.9	-80.9	-32.6	-19.2	2.6
12.1	41.9	-80.4	-32.1	-19.3	2.2
14.2	41.9	-79.7	-31.7	-19.3	1.8
16.3	41.9	-79.2	-31.3	-19.4	1.7
18.4	41.9	-79.4	-30.9	-19.5	1.5
20.5	41.9	-78.8	-30.7	-19.6	1.4
22.6	41.9	-78.4	-30.3	-19.7	1.5
24.7	41.9	-78.2	-30.1	-19.8	1.4
26.8	41.9	-78.0	-29.9	-19.8	1.3
28.9	42.0	-77.5	-29.7	-19.9	1.3
31.1	42.0	-77.6	-29.6	-19.9	1.2
33.2	42.0	-77.7	-29.4	-20.0	1.2
35.3	42.0	-77.5	-29.4	-20.0	1.2
37.4	42.0	-77.5	-29.3	-20.1	1.2
39.5	42.0	-77.4	-29.3	-20.1	1.2
41.6	42.0	-77.3	-29.2	-20.1	1.0
43.7	42.0	-77.1	-29.2	-20.2	1.0
45.8	42.0	-76.8	-29.1	-20.2	1.0
47.9	42.0	-77.1	-29.1	-20.2	1.0
50.0	42.0	-77.1	-29.1	-20.2	1.0
50.0	42.0	-77.5	-29.0	-20.2	1.0
52.6	42.0	-77.2	-29.0	-20.3	1.0
55.3	42.0	-77.1	-29.0	-20.3	1.0
57.9	42.0	-77.4	-29.0	-20.3	1.0
60.5	42.0	-77.4	-29.0	-20.3	1.0
63.2	42.0	-77.4	-28.9	-20.3	1.0
65.8	42.0	-77.0	-28.9	-20.3	1.1
68.4	42.0	-77.2	-28.8	-20.3	1.1
71.1	42.0	-77.1	-28.8	-20.2	1.1
73.7	42.0	-77.1	-28.8	-20.2	1.1
76.3	42.0	-77.2	-28.9	-20.2	1.1
78.9	42.0	-77.2	-28.8	-20.2	1.0
81.6	42.0	-77.3	-28.8	-20.1	1.0
84.2	42.0	-77.2	-28.8	-20.1	1.0
86.8	42.0	-76.9	-28.8	-20.1	1.0
89.5	42.0	-77.0	-28.8	-20.1	0.9
92.1	42.0	-77.2	-28.8	-20.1	0.9
94.7	42.0	-77.3	-28.7	-20.1	0.9
97.4	42.0	-77.3	-28.8	-20.0	0.9
100.0	42.0	-77.5	-28.8	-20.0	0.9
100.0	42.0	-77.4	-28.9	-20.0	0.9
105.3	42.0	-77.2	-28.9	-20.0	0.9
110.5	42.0	-77.0	-28.9	-20.0	0.9

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
115.8	42.0	-77.1	-29.0	-19.9	0.9
121.1	42.0	-77.2	-29.1	-19.9	0.9
126.3	42.0	-77.5	-29.1	-19.8	0.9
131.6	42.0	-77.4	-29.2	-19.7	1.0
136.8	42.0	-77.3	-29.2	-19.6	1.0
142.1	42.0	-77.5	-29.3	-19.5	1.0
147.4	42.1	-77.7	-29.3	-19.4	1.0
152.6	42.1	-77.9	-29.3	-19.3	1.0
157.9	42.1	-77.7	-29.4	-19.2	1.0
163.2	42.1	-77.8	-29.5	-19.1	1.0
168.4	42.1	-77.7	-29.7	-19.0	1.0
173.7	42.1	-77.8	-29.9	-18.9	1.0
178.9	42.1	-77.8	-30.0	-18.8	0.9
184.2	42.1	-78.0	-30.2	-18.7	0.9
189.5	42.1	-78.2	-30.4	-18.6	0.9
194.7	42.1	-78.4	-30.6	-18.5	0.9
200.0	42.1	-78.2	-30.7	-18.3	0.9
200.0	42.1	-78.2	-30.9	-18.2	0.9
205.3	42.1	-78.5	-31.1	-18.1	1.0
210.5	42.1	-78.4	-31.2	-18.0	1.0
215.8	42.1	-78.5	-31.3	-18.0	1.0
221.1	42.1	-78.6	-31.3	-17.9	0.9
226.3	42.1	-78.7	-31.4	-17.8	0.9
231.6	42.1	-79.0	-31.6	-17.7	1.0
236.8	42.1	-78.9	-31.7	-17.6	1.0
242.1	42.1	-79.1	-31.9	-17.5	1.0
247.4	42.1	-79.0	-32.1	-17.5	1.0
252.6	42.1	-79.1	-32.4	-17.4	1.0
257.9	42.1	-79.1	-32.6	-17.3	1.0
263.2	42.1	-79.2	-32.8	-17.2	1.0
268.4	42.1	-79.3	-33.1	-17.1	1.0
273.7	42.2	-79.2	-33.3	-17.0	1.0
278.9	42.2	-79.5	-33.5	-16.9	0.9
284.2	42.2	-79.5	-33.7	-16.8	0.9
289.5	42.2	-79.1	-33.9	-16.7	0.9
294.7	42.2	-78.9	-34.0	-16.6	0.9
300.0	42.3	-78.7	-34.1	-16.5	1.0
300.0	42.3	-79.1	-34.1	-16.5	1.0
305.3	42.3	-79.3	-34.2	-16.4	1.0
310.5	42.3	-79.3	-34.3	-16.3	1.0
315.8	42.3	-79.8	-34.4	-16.2	1.0
321.1	42.3	-80.1	-34.5	-16.1	1.0
326.3	42.3	-80.1	-34.6	-16.0	1.0
331.6	42.3	-79.9	-34.7	-15.9	1.1
336.8	42.3	-80.0	-34.8	-15.8	1.1
342.1	42.3	-80.3	-35.0	-15.8	1.1
347.4	42.3	-80.5	-35.1	-15.7	1.1
352.6	42.3	-80.5	-35.3	-15.6	1.1
357.9	42.4	-80.7	-35.3	-15.5	1.1
363.2	42.4	-80.8	-35.5	-15.4	1.1
368.4	42.4	-80.8	-35.5	-15.3	1.1
373.7	42.4	-80.2	-35.6	-15.2	1.1
378.9	42.4	-80.1	-35.7	-15.2	1.0

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Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
384.2	42.4	-80.3	-35.8	-15.1	1.0
389.5	42.4	-80.5	-35.9	-15.0	1.0
394.7	42.4	-81.1	-35.9	-14.9	1.0
400.0	42.4	-81.3	-36.0	-14.8	1.0
400.0	42.4	-82.0	-36.0	-14.8	1.0
405.3	42.4	-82.4	-36.0	-14.7	1.0
410.5	42.4	-82.1	-36.1	-14.6	1.0
415.8	42.4	-82.3	-36.1	-14.5	1.0
421.1	42.4	-82.6	-36.2	-14.4	1.0
426.3	42.4	-83.0	-36.2	-14.4	1.0
431.6	42.4	-83.0	-36.2	-14.3	1.1
436.8	42.4	-83.6	-36.2	-14.2	1.1
442.1	42.4	-83.9	-36.1	-14.1	1.1
447.4	42.3	-83.7	-36.1	-14.0	1.1
452.6	42.3	-84.3	-36.1	-14.0	1.1
457.9	42.3	-84.3	-36.0	-13.9	1.1
463.2	42.3	-83.9	-36.0	-13.8	1.1
468.4	42.3	-84.3	-35.9	-13.8	1.0
473.7	42.3	-84.5	-35.9	-13.7	1.0
478.9	42.3	-84.5	-35.8	-13.7	0.9
484.2	42.3	-85.2	-35.8	-13.6	0.9
489.5	42.3	-86.3	-35.8	-13.6	0.9
494.7	42.3	-85.8	-35.8	-13.6	0.9
500.0	42.3	-85.7	-35.8	-13.5	0.9
500.0	42.3	-85.5	-35.8	-13.5	0.9
505.3	42.3	-85.2	-35.8	-13.5	0.9
510.5	42.3	-85.5	-35.9	-13.4	0.9
515.8	42.3	-85.9	-35.9	-13.4	0.9
521.1	42.3	-87.6	-36.1	-13.4	0.9
526.3	42.3	-87.6	-36.1	-13.3	0.9
531.6	42.3	-88.9	-36.2	-13.3	1.0
536.8	42.3	-88.0	-36.4	-13.3	1.0
542.1	42.3	-88.0	-36.5	-13.2	1.0
547.4	42.3	-88.2	-36.6	-13.2	1.1
552.6	42.3	-89.2	-36.8	-13.2	1.1
557.9	42.3	-89.5	-36.8	-13.1	1.1
563.2	42.3	-89.9	-36.9	-13.1	1.1
568.4	42.3	-90.5	-37.0	-13.0	1.1
573.7	42.3	-91.0	-37.0	-13.0	1.1
578.9	42.3	-89.6	-37.0	-13.0	1.0
584.2	42.3	-89.1	-37.1	-12.9	1.0
589.5	42.3	-88.4	-37.0	-12.9	1.0
594.7	42.3	-88.8	-36.8	-12.8	1.0
600.0	42.3	-88.3	-36.7	-12.8	1.0
600.0	42.3	-89.2	-36.6	-12.7	1.0
605.3	42.3	-88.6	-36.4	-12.7	1.0
610.5	42.3	-89.5	-36.2	-12.6	1.0
615.8	42.3	-89.0	-35.9	-12.6	1.0
621.1	42.3	-87.9	-35.7	-12.6	1.0
626.3	42.3	-87.3	-35.5	-12.5	1.0
631.6	42.3	-88.0	-35.3	-12.5	1.1
636.8	42.3	-89.0	-35.1	-12.4	1.1
642.1	42.3	-88.6	-34.8	-12.4	1.1

Freq. (MHz)	Gain (dB)	Isol. (dB)	Input VSWR (dBRL)	Output VSWR (dBRL)	S21 Delay Ns
647.4	42.3	-88.2	-34.6	-12.3	1.1
652.6	42.3	-87.9	-34.4	-12.3	1.1
657.9	42.2	-87.6	-34.2	-12.2	1.1
663.2	42.2	-87.6	-34.0	-12.2	1.1
668.4	42.2	-87.7	-33.8	-12.1	1.1
673.7	42.2	-88.5	-33.6	-12.1	1.1
678.9	42.2	-89.1	-33.4	-12.0	1.0
684.2	42.2	-89.2	-33.2	-12.0	1.0
689.5	42.2	-88.4	-33.1	-11.9	1.0
694.7	42.2	-87.8	-32.9	-11.9	1.0
700.0	42.1	-88.0	-32.7	-11.9	1.0
700.0	42.1	-87.7	-32.5	-11.8	1.0
705.3	42.1	-87.5	-32.3	-11.8	1.0
710.5	42.1	-86.8	-32.0	-11.7	1.0
715.8	42.1	-86.1	-31.8	-11.7	1.0
721.1	42.1	-84.6	-31.7	-11.6	1.0
726.3	42.1	-83.1	-31.5	-11.6	1.0
731.6	42.1	-82.1	-31.3	-11.5	1.1
736.8	42.0	-81.6	-31.1	-11.5	1.1
742.1	42.0	-80.9	-30.9	-11.4	1.1
747.4	42.0	-80.5	-30.8	-11.4	1.1