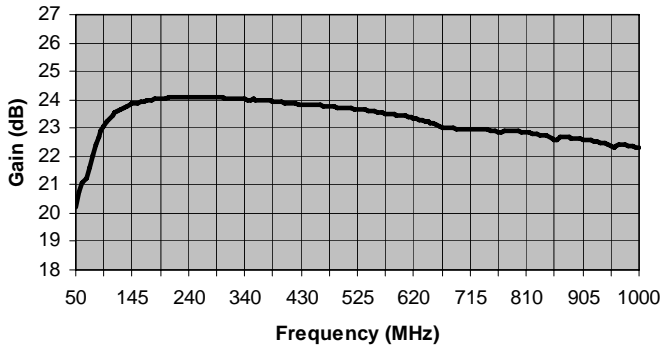
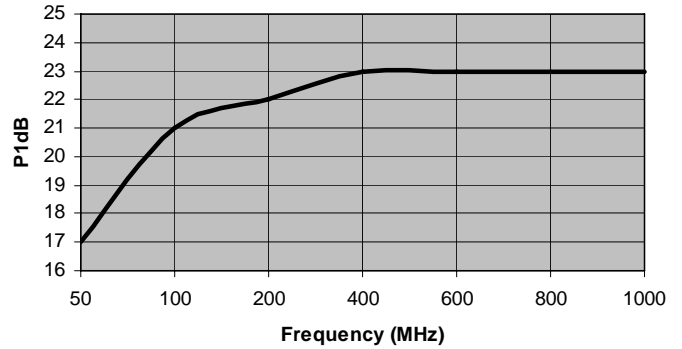


AM-1642 Typical Data

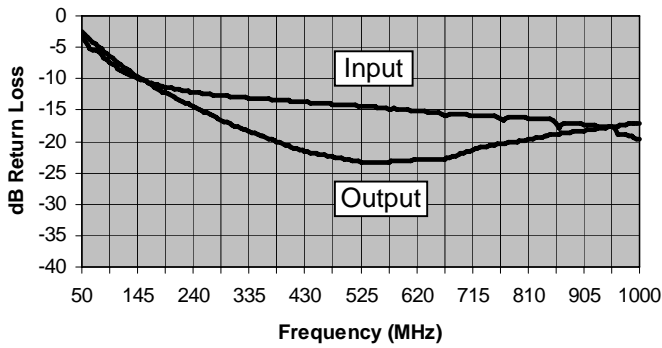
Gain (dB)



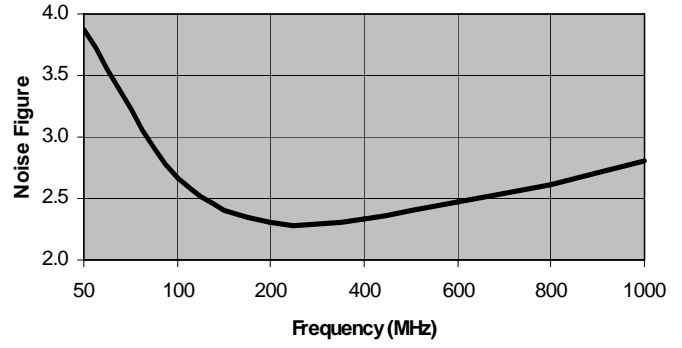
Output -1dB Gain Compression (+dBm)



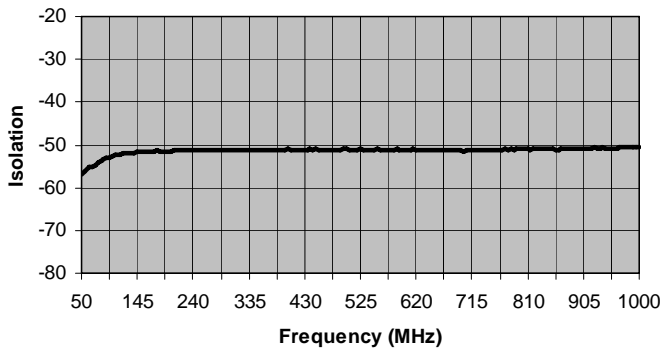
Input & Output Return Loss (dBRL)



Noise Figure (dB)



Reverse Isolation (dB)



AM-1642 Typical Data

Freq. (MHz)	Gain (dB)
50	20.2
55	20.7
60	21.0
64	21.1
69	21.2
74	21.6
79	22.1
83	22.4
88	22.7
93	22.9
98	23.1
102	23.2
107	23.4
112	23.4
117	23.5
121	23.6
126	23.7
131	23.7
136	23.8
140	23.8
145	23.8
150	23.9
155	23.9
159	23.9
164	23.9
169	24.0
174	24.0
178	24.0
183	24.0
188	24.0
193	24.0
197	24.0
202	24.1
207	24.1
212	24.1
216	24.1
221	24.1
226	24.1
231	24.1
235	24.1
240	24.1
245	24.1
250	24.1
254	24.1
259	24.1
264	24.1
269	24.1
273	24.1
278	24.1
283	24.1
288	24.1
292	24.1
297	24.1
302	24.1
307	24.1
311	24.1
316	24.0

Freq. (MHz)	Gain (dB)
321	24.0
326	24.0
330	24.0
340	24.0
340	24.0
345	24.0
349	24.0
354	24.0
359	24.0
364	24.0
368	24.0
373	24.0
378	24.0
383	23.9
387	23.9
392	23.9
397	23.9
402	23.9
406	23.9
411	23.9
416	23.9
421	23.9
425	23.8
430	23.8
435	23.8
440	23.8
444	23.8
449	23.8
454	23.8
459	23.8
463	23.8
468	23.8
473	23.8
478	23.8
482	23.8
487	23.8
492	23.7
497	23.7
501	23.7
506	23.7
511	23.7
516	23.7
520	23.7
525	23.7
530	23.7
535	23.6
539	23.6
544	23.6
549	23.6
554	23.6
558	23.6
563	23.6
568	23.5
573	23.5
577	23.5
582	23.5
587	23.5

Freq. (MHz)	Gain (dB)
592	23.5
596	23.5
601	23.4
606	23.4
611	23.4
615	23.4
620	23.4
625	23.3
630	23.3
634	23.3
639	23.3
644	23.2
649	23.2
653	23.2
658	23.1
663	23.1
668	23.0
672	23.0
677	23.0
682	23.0
687	23.0
691	23.0
696	23.0
701	23.0
706	22.9
710	22.9
715	22.9
720	22.9
725	22.9
729	22.9
734	22.9
739	22.9
744	22.9
748	22.9
753	22.9
758	22.9
763	22.9
767	22.8
772	22.9
777	22.9
782	22.9
786	22.9
791	22.9
796	22.9
801	22.9
805	22.8
810	22.8
815	22.8
820	22.8
824	22.8
829	22.8
834	22.8
839	22.7
843	22.7
848	22.7
853	22.6
858	22.6

Freq. (MHz)	Gain (dB)
862	22.6
867	22.7
872	22.7
877	22.7
881	22.7
886	22.6
891	22.6
896	22.6
900	22.6
905	22.6
910	22.6
915	22.6
919	22.6
924	22.5
929	22.5
934	22.5
938	22.5
943	22.5
948	22.4
953	22.3
957	22.3
962	22.4
967	22.4
972	22.4
976	22.4
981	22.4
986	22.4
991	22.4
995	22.3
1000	22.3

AM-1642 Typical Data

Freq. (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
50	-3	-3
55	-4	-3
60	-5	-3
64	-5	-4
69	-5	-4
74	-6	-5
79	-6	-5
83	-6	-5
88	-7	-6
93	-7	-6
98	-7	-6
102	-8	-7
107	-8	-7
112	-8	-7
117	-9	-8
121	-9	-8
126	-9	-8
131	-9	-9
136	-10	-9
140	-10	-9
145	-10	-10
150	-10	-10
155	-10	-10
159	-10	-10
164	-11	-11
169	-11	-11
174	-11	-11
178	-11	-12
183	-11	-12
188	-11	-12
193	-11	-12
197	-11	-13
202	-12	-13
207	-12	-13
212	-12	-13
216	-12	-13
221	-12	-14
226	-12	-14
231	-12	-14
235	-12	-14
240	-12	-14
245	-12	-15
250	-12	-15
254	-12	-15
259	-12	-15
264	-12	-16
269	-13	-16
273	-13	-16
278	-13	-16
283	-13	-16
288	-13	-17
292	-13	-17
297	-13	-17
302	-13	-17
307	-13	-17
311	-13	-18

Freq. (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
316	-13	-18
321	-13	-18
326	-13	-18
330	-13	-18
335	-13	-18
340	-13	-19
345	-13	-19
349	-13	-19
354	-13	-19
359	-13	-19
364	-13	-19
368	-13	-20
373	-13	-20
378	-13	-20
383	-13	-20
387	-13	-20
392	-13	-20
397	-14	-21
402	-14	-21
406	-14	-21
411	-14	-21
416	-14	-21
421	-14	-21
425	-14	-21
430	-14	-22
435	-14	-22
440	-14	-22
444	-14	-22
449	-14	-22
454	-14	-22
459	-14	-22
463	-14	-22
468	-14	-22
473	-14	-22
478	-14	-22
482	-14	-22
487	-14	-23
492	-14	-23
497	-14	-23
501	-14	-23
506	-14	-23
511	-14	-23
516	-14	-23
520	-14	-23
525	-14	-23
530	-14	-23
535	-14	-23
539	-14	-23
544	-14	-23
549	-15	-23
554	-15	-23
558	-15	-23
563	-15	-23
568	-15	-23
573	-15	-23
577	-15	-23
582	-15	-23

Freq. (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
587	-15	-23
592	-15	-23
596	-15	-23
601	-15	-23
606	-15	-23
611	-15	-23
615	-15	-23
620	-15	-23
625	-15	-23
630	-15	-23
634	-15	-23
639	-15	-23
644	-15	-23
649	-15	-23
653	-15	-23
658	-16	-23
663	-16	-23
668	-16	-23
672	-16	-23
677	-16	-23
682	-16	-22
687	-16	-22
691	-16	-22
696	-16	-22
701	-16	-22
706	-16	-22
710	-16	-21
715	-16	-21
720	-16	-21
725	-16	-21
729	-16	-21
734	-16	-21
739	-16	-21
744	-16	-21
748	-16	-21
753	-16	-21
758	-16	-20
763	-16	-20
767	-17	-20
772	-16	-20
777	-16	-20
782	-16	-20
786	-16	-20
791	-16	-20
796	-16	-20
801	-16	-20
805	-16	-20
810	-16	-20
815	-16	-20
820	-16	-20
824	-16	-19
829	-16	-19
834	-16	-19
839	-16	-19
843	-16	-19
848	-17	-19
853	-17	-19

Freq. (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
858	-17	-19
862	-18	-19
867	-17	-19
872	-17	-19
877	-17	-19
881	-17	-19
886	-17	-18
891	-17	-18
896	-17	-18
900	-17	-18
905	-17	-18
910	-17	-18
915	-17	-18
919	-17	-18
924	-18	-18
929	-18	-18
934	-18	-18
938	-18	-18
943	-18	-18
948	-18	-18
953	-18	-18
957	-18	-18
962	-19	-18
967	-19	-17
972	-19	-17
976	-19	-17
981	-19	-17
986	-19	-17
991	-19	-17
995	-20	-17
1000	-20	-17

AM-1642 Typical Data

Freq. (MHz)	Reverse Isolation (dB)
50	-57
55	-56
60	-56
64	-55
69	-55
74	-55
79	-54
83	-54
88	-53
93	-53
98	-53
102	-53
107	-52
112	-52
117	-52
121	-52
126	-52
131	-52
136	-52
140	-52
145	-52
150	-52
155	-52
159	-52
164	-52
169	-52
174	-52
178	-51
183	-52
188	-52
193	-52
197	-52
202	-51
207	-51
212	-51
216	-51
221	-51
226	-51
231	-51
235	-51
240	-51
245	-51
250	-51
254	-51
259	-51
264	-51
269	-51
273	-51
278	-51
283	-51
288	-51
292	-51
297	-51
302	-51
307	-51
311	-51

Freq. (MHz)	Reverse Isolation (dB)
316	-51
321	-51
326	-51
330	-51
335	-51
340	-51
345	-51
349	-51
354	-51
359	-51
364	-51
368	-51
373	-51
378	-51
383	-51
387	-51
392	-51
397	-51
402	-51
406	-51
411	-51
416	-51
421	-51
425	-51
430	-51
435	-51
440	-51
444	-51
449	-51
454	-51
459	-51
463	-51
468	-51
473	-51
478	-51
482	-51
487	-51
492	-51
497	-51
501	-51
506	-51
511	-51
516	-51
520	-51
525	-51
530	-51
535	-51
539	-51
544	-51
549	-51
554	-51
558	-51
563	-51
568	-51
573	-51
577	-51

Freq. (MHz)	Reverse Isolation (dB)
582	-51
587	-51
592	-51
596	-51
601	-51
606	-51
611	-51
615	-51
620	-51
625	-51
630	-51
634	-51
639	-51
644	-51
649	-51
653	-51
658	-51
663	-51
668	-51
672	-51
677	-51
682	-51
687	-51
691	-51
696	-51
701	-51
706	-51
710	-51
715	-51
720	-51
725	-51
729	-51
734	-51
739	-51
744	-51
748	-51
753	-51
758	-51
763	-51
767	-51
772	-51
777	-51
782	-51
786	-51
791	-51
796	-51
801	-51
805	-51
810	-51
815	-51
820	-51
824	-51
829	-51
834	-51
839	-51
843	-51

Freq. (MHz)	Reverse Isolation (dB)
848	-51
853	-51
858	-51
862	-51
867	-51
872	-51
877	-51
881	-51
886	-51
891	-51
896	-51
900	-51
905	-51
910	-51
915	-51
919	-51
924	-51
929	-51
934	-51
938	-51
943	-51
948	-51
953	-51
957	-51
962	-51
967	-51
972	-51
976	-51
981	-51
986	-51
991	-51
995	-51
1000	-51