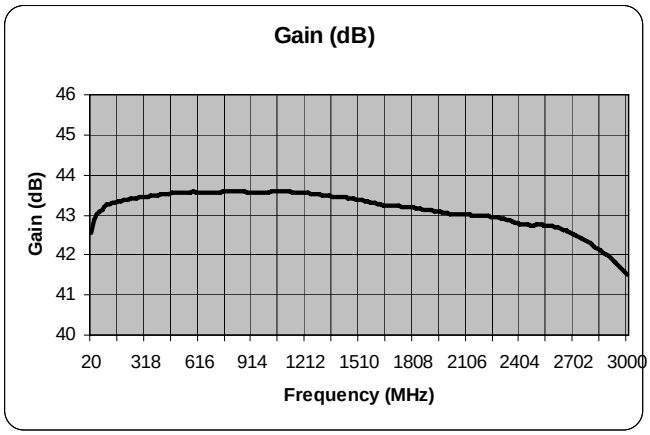
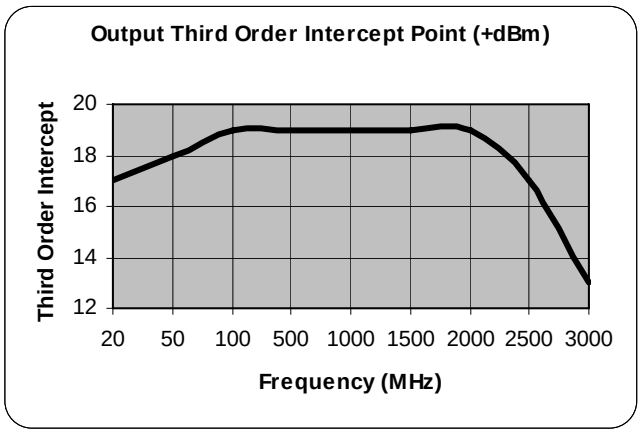
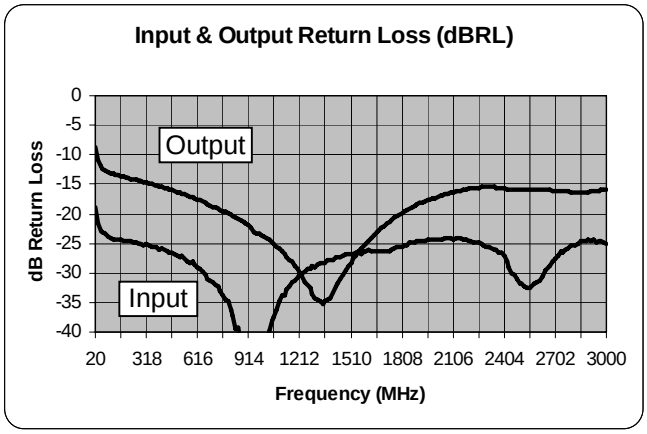
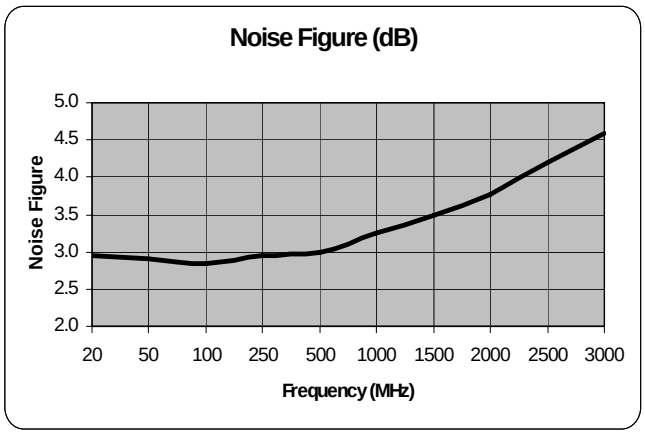
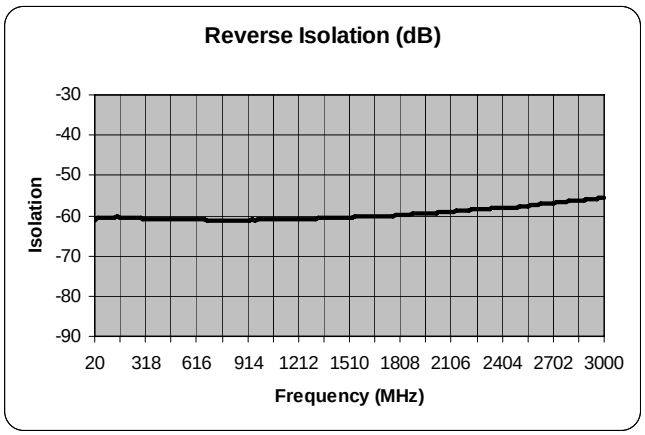
AM-1652 Series Typical Data

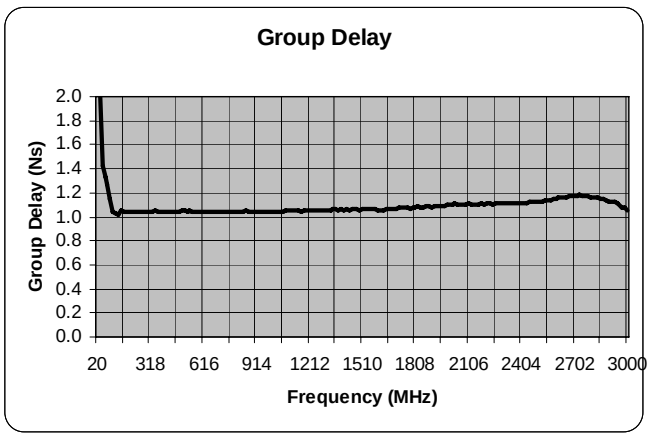


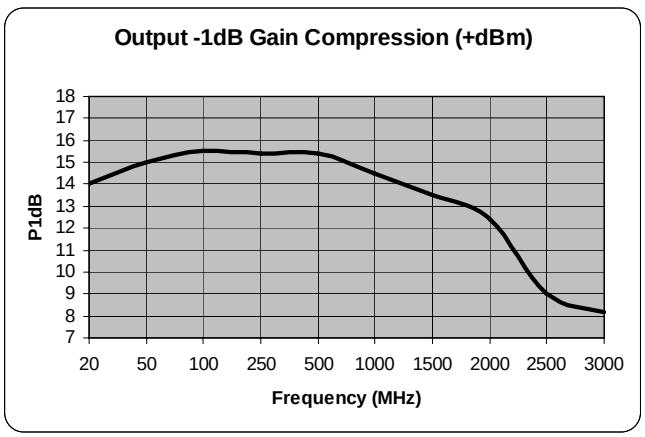












AM-1652 Series Typical Data

Freq (MHz)	Gain (dB)
20	42.5
35	42.9
50	43.0
65	43.1
80	43.1
95	43.2
109	43.3
124	43.3
139	43.3
154	43.3
169	43.3
184	43.3
199	43.4
214	43.4
229	43.4
244	43.4
258	43.4
273	43.4
288	43.4
303	43.4
318	43.4
333	43.5
348	43.5
363	43.5
378	43.5
393	43.5
407	43.5
422	43.5
437	43.5
452	43.5
467	43.5
482	43.5
497	43.5
512	43.6
527	43.6
542	43.6
556	43.6
571	43.6
586	43.6
601	43.6
616	43.6
631	43.6
646	43.6
661	43.6
676	43.6
691	43.6
705	43.6
720	43.6
735	43.6
750	43.6
765	43.6
780	43.6
795	43.6
810	43.6
825	43.6
840	43.6
854	43.6
869	43.6

Freq (MHz)	Gain (dB)
884	43.6
899	43.6
914	43.6
929	43.6
944	43.6
959	43.6
974	43.6
989	43.6
1003	43.6
1018	43.6
1033	43.6
1048	43.6
1063	43.6
1078	43.6
1093	43.6
1108	43.6
1123	43.6
1138	43.6
1152	43.6
1167	43.6
1182	43.6
1197	43.6
1212	43.5
1227	43.5
1242	43.5
1257	43.5
1272	43.5
1287	43.5
1301	43.5
1316	43.5
1331	43.5
1346	43.5
1361	43.5
1376	43.5
1391	43.5
1406	43.5
1421	43.4
1436	43.4
1450	43.4
1465	43.4
1480	43.4
1495	43.4
1510	43.4
1525	43.4
1540	43.4
1555	43.3
1570	43.3
1585	43.3
1599	43.3
1614	43.3
1629	43.3
1644	43.2
1659	43.2
1674	43.2
1689	43.2
1704	43.2
1719	43.2
1734	43.2

Freq (MHz)	Gain (dB)
1748	43.2
1763	43.2
1778	43.2
1793	43.2
1808	43.2
1823	43.2
1838	43.2
1853	43.2
1868	43.1
1883	43.1
1897	43.1
1912	43.1
1927	43.1
1942	43.1
1957	43.1
1972	43.1
1987	43.1
2002	43.0
2017	43.0
2032	43.0
2046	43.0
2061	43.0
2076	43.0
2091	43.0
2106	43.0
2121	43.0
2136	43.0
2151	43.0
2166	43.0
2181	43.0
2195	43.0
2210	43.0
2225	43.0
2240	43.0
2255	42.9
2270	42.9
2285	42.9
2300	42.9
2315	42.9
2330	42.9
2344	42.9
2359	42.8
2374	42.8
2389	42.8
2404	42.8
2419	42.8
2434	42.8
2449	42.8
2464	42.7
2479	42.7
2493	42.7
2508	42.8
2523	42.8
2538	42.7
2553	42.7
2568	42.7
2583	42.7
2598	42.7

Freq (MHz)	Gain (dB)
2613	42.7
2628	42.7
2642	42.6
2657	42.6
2672	42.6
2687	42.6
2702	42.5
2717	42.5
2732	42.4
2747	42.4
2762	42.4
2777	42.3
2791	42.3
2806	42.2
2821	42.2
2836	42.2
2851	42.1
2866	42.1
2881	42.0
2896	42.0
2911	41.9
2926	41.8
2940	41.8
2955	41.7
2970	41.7
2985	41.6
3000	41.5

AM-1652 Series Typical Data

Freq (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
20	-19	-9
35	-22	-11
50	-23	-12
65	-23	-12
80	-23	-13
95	-24	-13
109	-24	-13
124	-24	-13
139	-24	-13
154	-24	-14
169	-24	-14
184	-25	-14
199	-25	-14
214	-25	-14
229	-25	-14
244	-25	-14
258	-25	-14
273	-25	-14
288	-25	-14
303	-25	-15
318	-25	-15
333	-25	-15
348	-26	-15
363	-26	-15
378	-26	-15
393	-26	-15
407	-26	-15
422	-26	-16
437	-26	-16
452	-27	-16
467	-27	-16
482	-27	-16
497	-27	-16
512	-27	-16
527	-27	-17
542	-28	-17
556	-28	-17
571	-28	-17
586	-28	-17
601	-29	-17
616	-29	-18
631	-29	-18
646	-30	-18
661	-30	-18
676	-31	-18
691	-31	-19
705	-31	-19
720	-32	-19
735	-32	-19
750	-33	-19
765	-34	-20
780	-35	-20
795	-35	-20
810	-36	-20
825	-37	-20
840	-39	-21
854	-39	-21
869	-42	-21
884	-46	-21
899	-47	-22
914	-47	-22
929	-49	-22
944	-49	-23

Freq (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
959	-50	-23
974	-57	-23
989	-48	-24
1003	-46	-24
1018	-43	-24
1033	-40	-24
1048	-38	-25
1063	-37	-25
1078	-36	-25
1093	-35	-26
1108	-34	-26
1123	-34	-27
1138	-33	-27
1152	-32	-28
1167	-31	-28
1182	-31	-29
1197	-31	-29
1212	-30	-30
1227	-30	-31
1242	-30	-31
1257	-29	-32
1272	-29	-33
1287	-29	-33
1301	-29	-34
1316	-29	-34
1331	-28	-35
1346	-28	-35
1361	-28	-35
1376	-28	-35
1391	-28	-34
1406	-28	-33
1421	-27	-32
1436	-27	-32
1450	-27	-31
1465	-27	-30
1480	-27	-30
1495	-27	-29
1510	-27	-28
1525	-27	-28
1540	-27	-27
1555	-27	-26
1570	-27	-26
1585	-26	-25
1599	-26	-25
1614	-26	-25
1629	-26	-24
1644	-26	-24
1659	-26	-23
1674	-26	-23
1689	-26	-22
1704	-26	-22
1719	-26	-22
1734	-26	-21
1748	-26	-21
1763	-26	-21
1778	-25	-20
1793	-26	-20
1808	-25	-20
1823	-25	-20
1838	-25	-19
1853	-25	-19
1868	-25	-19
1883	-25	-19

Freq (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
1897	-25	-18
1912	-25	-18
1927	-25	-18
1942	-25	-18
1957	-24	-18
1972	-24	-18
1987	-24	-17
2002	-24	-17
2017	-24	-17
2032	-24	-17
2046	-24	-17
2061	-24	-17
2076	-24	-17
2091	-24	-16
2106	-24	-16
2121	-24	-16
2136	-24	-16
2151	-24	-16
2166	-24	-16
2181	-24	-16
2195	-24	-16
2210	-25	-16
2225	-25	-16
2240	-25	-16
2255	-25	-16
2270	-25	-16
2285	-25	-15
2300	-26	-15
2315	-26	-15
2330	-26	-15
2344	-26	-15
2359	-26	-16
2374	-27	-16
2389	-27	-16
2404	-27	-16
2419	-28	-16
2434	-29	-16
2449	-30	-16
2464	-30	-16
2479	-31	-16
2493	-32	-16
2508	-32	-16
2523	-32	-16
2538	-33	-16
2553	-33	-16
2568	-32	-16
2583	-32	-16
2598	-32	-16
2613	-31	-16
2628	-31	-16
2642	-30	-16
2657	-29	-16
2672	-29	-16
2687	-28	-16
2702	-28	-16
2717	-27	-16
2732	-26	-16
2747	-27	-16
2762	-26	-16
2777	-26	-16
2791	-25	-16
2806	-25	-16
2821	-25	-16

Freq (MHz)	Input VSWR (dBRL)	Output VSWR (dBRL)
2836	-25	-16
2851	-25	-16
2866	-25	-16
2881	-25	-16
2896	-24	-16
2911	-25	-16
2926	-24	-16
2940	-25	-16
2955	-25	-16
2970	-25	-16
2985	-25	-16
3000	-25	-16

10/12/2006

AM-1652 Series Typical Data

Freq (MHz)	Reverse Isolation (dB)
20.0	-61
35	-61
50	-61
65	-61
80	-60
95	-60
109	-60
124	-60
139	-60
154	-60
169	-60
184	-60
199	-60
214	-60
229	-60
244	-61
258	-61
273	-61
288	-61
303	-61
318	-61
333	-61
348	-61
363	-61
378	-61
393	-61
407	-61
422	-61
437	-61
452	-61
467	-61
482	-61
497	-61
512	-61
527	-61
542	-61
556	-61
571	-61
586	-61
601	-61
616	-61
631	-61
646	-61
661	-61
676	-61
691	-61
705	-61
720	-61
735	-61
750	-61
765	-61
780	-61
795	-61
810	-61
825	-61
840	-61

Freq (MHz)	Reverse Isolation (dB)
854	-61
869	-61
884	-61
899	-61
914	-61
929	-61
944	-61
959	-61
974	-61
989	-61
1003	-61
1018	-61
1033	-61
1048	-61
1063	-61
1078	-61
1093	-61
1108	-61
1123	-61
1138	-61
1152	-61
1167	-61
1182	-61
1197	-61
1212	-61
1227	-61
1242	-61
1257	-61
1272	-61
1287	-61
1301	-61
1316	-61
1331	-61
1346	-61
1361	-61
1376	-61
1391	-61
1406	-61
1421	-61
1436	-61
1450	-61
1465	-61
1480	-60
1495	-60
1510	-60
1525	-60
1540	-60
1555	-60
1570	-60
1585	-60
1599	-60
1614	-60
1629	-60
1644	-60
1659	-60
1674	-60
1689	-60

Freq (MHz)	Reverse Isolation (dB)
1704	-60
1719	-60
1734	-60
1748	-60
1763	-60
1778	-60
1793	-60
1808	-60
1823	-60
1838	-60
1853	-60
1868	-60
1883	-60
1897	-60
1912	-60
1927	-59
1942	-59
1957	-59
1972	-59
1987	-59
2002	-59
2017	-59
2032	-59
2046	-59
2061	-59
2076	-59
2091	-59
2106	-59
2121	-59
2136	-59
2151	-59
2166	-59
2181	-59
2195	-59
2210	-59
2225	-59
2240	-58
2255	-58
2270	-58
2285	-58
2300	-58
2315	-58
2330	-58
2344	-58
2359	-58
2374	-58
2389	-58
2404	-58
2419	-58
2434	-58
2449	-58
2464	-58
2479	-58
2493	-58
2508	-58
2523	-58
2538	-58

Freq (MHz)	Reverse Isolation (dB)
2553	-58
2568	-57
2583	-57
2598	-57
2613	-57
2628	-57
2642	-57
2657	-57
2672	-57
2687	-57
2702	-57
2717	-57
2732	-57
2747	-57
2762	-57
2777	-57
2791	-56
2806	-56
2821	-56
2836	-56
2851	-56
2866	-56
2881	-56
2896	-56
2911	-56
2926	-56
2940	-56
2955	-56
2970	-56
2985	-56
3000	-56

AM-1652 Series Typical Data

Freq (MHz)	Delay (Ns)
20	2.1
35	2.1
50	1.4
65	1.3
80	1.3
95	1.2
109	1.0
124	1.0
139	1.0
154	1.1
169	1.0
184	1.0
199	1.0
214	1.0
229	1.0
244	1.0
258	1.0
273	1.0
288	1.0
303	1.0
318	1.0
333	1.0
348	1.0
363	1.0
378	1.0
393	1.0
407	1.0
422	1.0
437	1.0
452	1.0
467	1.0
482	1.0
497	1.1
512	1.1
527	1.0
542	1.1
556	1.0
571	1.0
586	1.0
601	1.0
616	1.0
631	1.0
646	1.0
661	1.0
676	1.0
691	1.0
705	1.0
720	1.0
735	1.0
750	1.0
765	1.0
780	1.0
795	1.0
810	1.0
825	1.0
840	1.0
854	1.0

Freq (MHz)	Delay (Ns)
869	1.0
884	1.0
899	1.0
914	1.0
929	1.0
944	1.0
959	1.0
974	1.0
989	1.0
1003	1.0
1018	1.0
1033	1.0
1048	1.0
1063	1.0
1078	1.0
1093	1.1
1108	1.1
1123	1.1
1138	1.1
1152	1.1
1167	1.0
1182	1.1
1197	1.1
1212	1.0
1227	1.1
1242	1.1
1257	1.1
1272	1.1
1287	1.1
1301	1.1
1316	1.1
1331	1.1
1346	1.1
1361	1.1
1376	1.1
1391	1.1
1406	1.1
1421	1.1
1436	1.1
1450	1.1
1465	1.1
1480	1.1
1495	1.1
1510	1.1
1525	1.1
1540	1.1
1555	1.1
1570	1.1
1585	1.1
1599	1.1
1614	1.1
1629	1.1
1644	1.1
1659	1.1
1674	1.1
1689	1.1
1704	1.1
1719	1.1

Freq (MHz)	Delay (Ns)
1734	1.1
1748	1.1
1763	1.1
1778	1.1
1793	1.1
1808	1.1
1823	1.1
1838	1.1
1853	1.1
1868	1.1
1883	1.1
1897	1.1
1912	1.1
1927	1.1
1942	1.1
1957	1.1
1972	1.1
1987	1.1
2002	1.1
2017	1.1
2032	1.1
2046	1.1
2061	1.1
2076	1.1
2091	1.1
2106	1.1
2121	1.1
2136	1.1
2151	1.1
2166	1.1
2181	1.1
2195	1.1
2210	1.1
2225	1.1
2240	1.1
2255	1.1
2270	1.1
2285	1.1
2300	1.1
2315	1.1
2330	1.1
2344	1.1
2359	1.1
2374	1.1
2389	1.1
2404	1.1
2419	1.1
2434	1.1
2449	1.1
2464	1.1
2479	1.1
2493	1.1
2508	1.1
2523	1.1
2538	1.1
2553	1.1
2568	1.1
2583	1.1

Freq (MHz)	Delay (Ns)
2598	1.1
2613	1.2
2628	1.2
2642	1.2
2657	1.2
2672	1.2
2687	1.2
2702	1.2
2717	1.2
2732	1.2
2747	1.2
2762	1.2
2777	1.2
2791	1.2
2806	1.2
2821	1.2
2836	1.2
2851	1.2
2866	1.1
2881	1.1
2896	1.1
2911	1.1
2926	1.1
2940	1.1
2955	1.1
2970	1.1
2985	1.1
3000	1.1