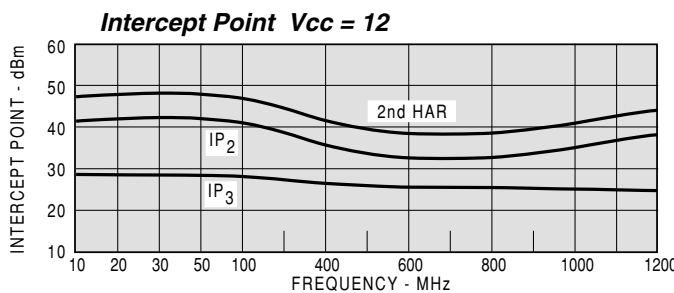
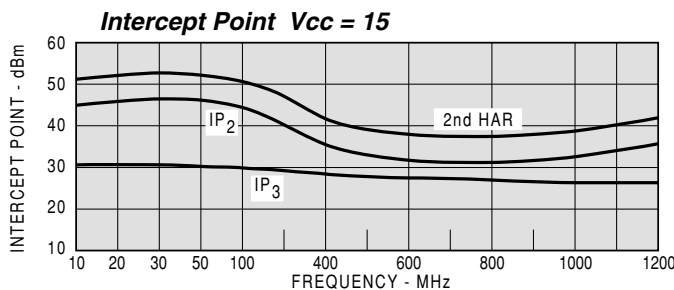
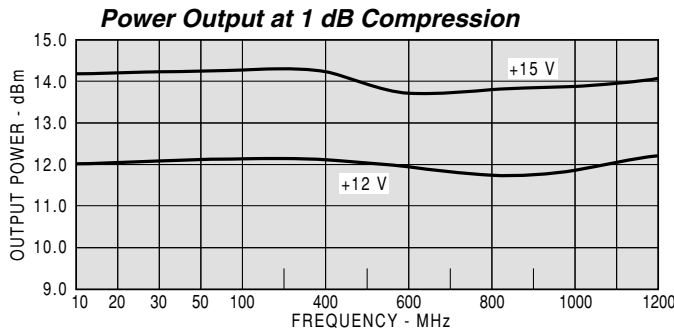
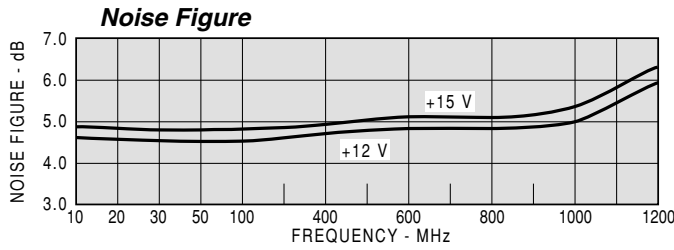
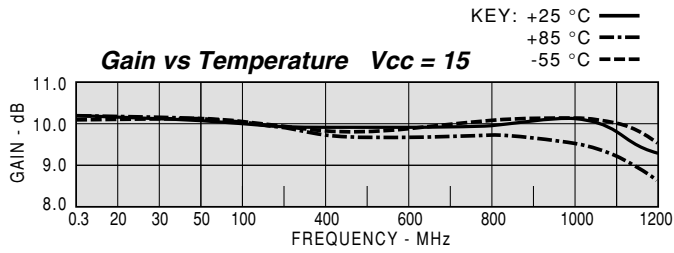


TYPICAL PERFORMANCE

TYPICAL AUTOMATIC TEST DATA



Model: AC1057			Vcc= +15V			lcc= 45.09	
FREQ	SWR	SWR	GAIN	PHASE	GROUP DELAY	REV/ISO	
MHZ	IN	OUT	DB	DEG	NSEC	DB	
0.3	1.27	1.47	10.05	-168		-16.4	
10	1.03	1.35	9.96	179	0.63	-16.8	
30	1.04	1.34	9.93	175	0.49	-16.8	
50	1.05	1.35	9.92	172	0.41	-16.8	
100	1.10	1.34	9.89	165	0.43	-16.8	
200	1.20	1.31	9.85	150	0.42	-16.9	
300	1.29	1.26	9.80	135	0.41	-16.9	
400	1.38	1.21	9.80	120	0.42	-17.0	
500	1.44	1.16	9.79	105	0.41	-17.0	
600	1.45	1.09	9.86	89	0.43	-16.9	
700	1.44	1.07	9.90	73	0.45	-16.7	
800	1.41	1.15	9.96	57	0.46	-16.6	
900	1.30	1.32	10.04	40	0.49	-16.3	
1000	1.31	1.48	9.97	21	0.51	-16.0	
1100	1.55	1.61	9.81	2	0.55	-15.9	
1200	1.95	1.78	9.44	-19	0.59	-15.8	

Model: AC1057			LINEAR S-PARAMETERS						lcc= 45.09	
			Vcc +15V						S22	
FREQ	S11		S21		S12				MAG	ANG
MHZ	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG		
0.3	0.12	-93.1	3.18	-167.6	0.152	-9.40	0.19	-131.1		
10	0.02	-152.8	3.15	178.7	0.145	-1.10	0.15	-179.3		
30	0.02	-134.7	3.14	175.2	0.144	-2.90	0.15	176.8		
50	0.03	-125.3	3.13	172.3	0.144	-4.00	0.15	174.4		
100	0.05	-118.6	3.12	164.6	0.145	-7.20	0.15	169.1		
200	0.09	-122.9	3.11	149.6	0.143	-14.2	0.14	162.3		
300	0.13	-135.1	3.09	134.7	0.143	-21.1	0.11	153.9		
400	0.16	-148.1	3.09	119.7	0.142	-28.0	0.10	144.1		
500	0.18	-161.5	3.09	104.7	0.142	-34.2	0.08	145.9		
600	0.18	-177.1	3.11	89.2	0.142	-40.7	0.04	166.9		
700	0.18	162.2	3.12	73.5	0.146	-47.7	0.04	-160.3		
800	0.17	139.5	3.15	57.2	0.149	-55.2	0.07	-151.6		
900	0.13	106.4	3.18	39.9	0.153	-63.7	0.14	-144.5		
1000	0.14	45.7	3.15	21.3	0.159	-72.7	0.19	-147.1		
1100	0.22	1.80	3.09	1.70	0.161	-83.3	0.23	-159.4		
1200	0.32	-32.8	2.96	-190.0	0.162	-95.6	0.28	-174.7		
1300	0.46	-59.7	2.69	-40.5	0.159	-108.4	0.30	170.8		

Model: AC1057			Vcc= +12V			lcc= 36.36	
FREQ	SWR	SWR	GAIN	PHASE	GROUP DELAY	REV/ISO	
MHZ	IN	OUT	DB	DEG	NSEC	DB	
0.3	1.27	1.46	9.95	-168		-16.3	
10	1.02	1.34	9.88	179	0.57	-16.7	
30	1.03	1.33	9.84	175	0.49	-16.8	
50	1.05	1.33	9.84	172	0.36	-16.8	
100	1.10	1.33	9.80	164	0.43	-16.8	
200	1.21	1.30	9.74	149	0.42	-16.9	
300	1.31	1.25	9.69	134	0.41	-16.8	
400	1.41	1.20	9.69	119	0.43	-16.9	
500	1.47	1.17	9.66	104	0.42	-16.8	
600	1.48	1.12	9.71	88	0.43	-16.7	
700	1.48	1.13	9.75	72	0.45	-16.5	
800	1.45	1.22	9.80	56	0.46	-16.3	
900	1.34	1.40	9.86	38	0.50	-16.0	
1000	1.36	1.58	9.76	20	0.52	-15.7	
1100	1.60	1.72	9.58	0	0.56	-15.5	
1200	2.01	1.92	9.17	-21	0.59	-15.5	

Model: AC1057			LINEAR S-PARAMETERS						lcc= 36.36	
			Vcc= +12V						S22	
FREQ	S11		S21		S12				MAG	ANG
MHZ	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG		
0.3	0.12	-90.4	3.15	-167.6	0.153	-9.6	0.19	-129.8		
10	0.01	-138.2	3.12	178.7	0.146	-1.1	0.14	-179.3		
30	0.02	-122.4	3.11	175.1	0.145	-2.7	0.14	177.1		
50	0.03	-114.8	3.10	172.2	0.145	-4.1	0.14	174.8		
100	0.05	-112.8	3.09	164.5	0.144	-7.0	0.14	170.8		
200	0.10	-120.5	3.07	149.2	0.144	-13.8	0.13	165.1		
300	0.13	-134.0	3.05	134.1	0.144	-20.9	0.11	158.4		
400	0.17	-148.2	3.05	118.9	0.143	-27.0	0.09	152.3		
500	0.19	-162.3	3.04	103.7	0.144	-33.3	0.08	158.5		
600	0.20	-178.2	3.06	88.2	0.146	-40.1	0.06	-175.9		
700	0.19	160.8	3.07	72.4	0.149	-46.6	0.06	-155.4		
800	0.18	137.4	3.09	55.8	0.153	-54.1	0.10	-153.4		
900	0.15	104.3	3.11	38.2	0.159	-62.7	0.17	-149.7		
1000	0.15	47.0	3.08	19.6	0.164	-72.2	0.22	-153.0		
1100	0.23	3.10	3.01	-0.20	0.168	-83.5	0.27	-165.3		
1200	0.34	-31.5	2.87	-21.0	0.169	-96.1	0.31	-179.9		
1300	0.48	-59.0	2.60	-42.5	0.165	-109.2	0.33	165.9		