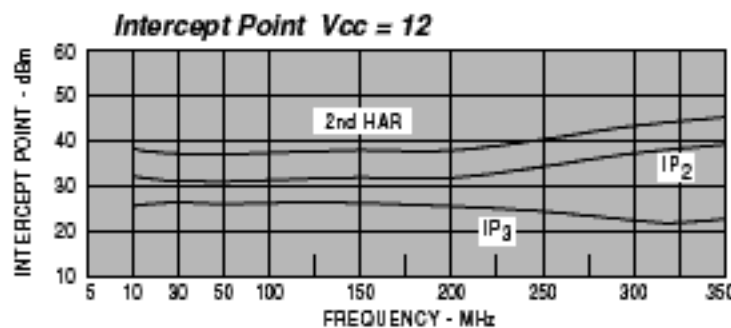
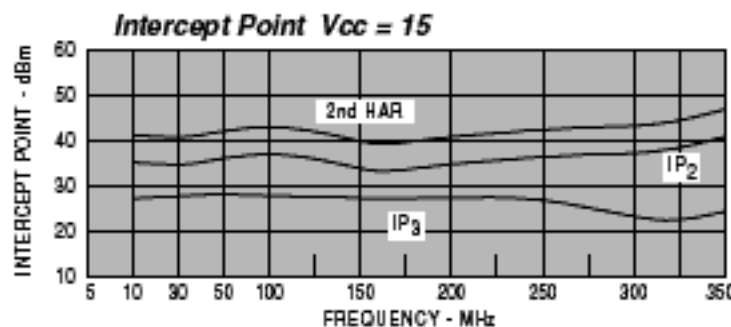
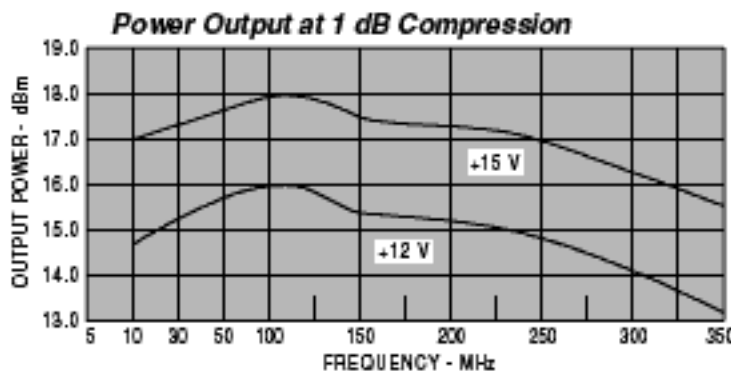
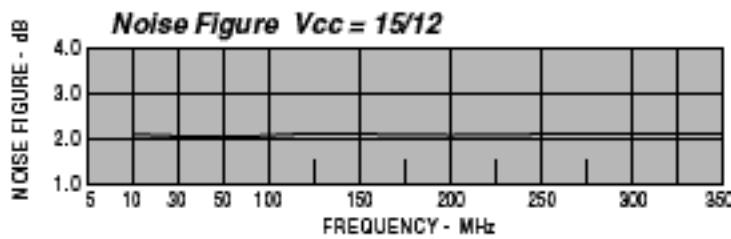
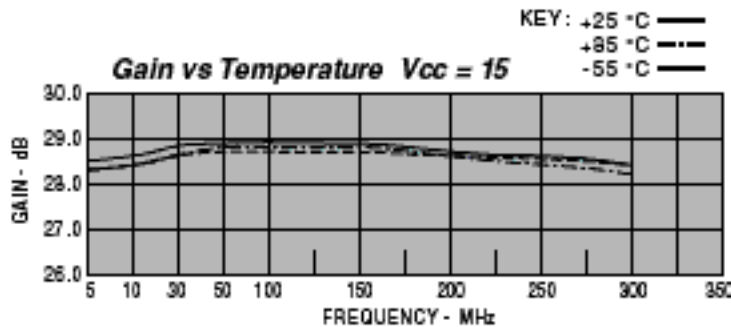


TYPICAL PERFORMANCE



TYPICAL AUTOMATIC TEST DATA

Model AC293			Vcc=+15V			Icc=32.09	
FREQ	SWR	SWR	GAIN	PHASE	DELAY	RETN/O	
MHZ	IN	OUT	DB	DEG	NSEC	DB	
5	1.33	1.71	28.39	-189			-35.1
10	1.29	1.39	28.47	-179			-34.4
30	1.14	1.31	28.71	173	1.4		-34.5
50	1.11	1.35	28.81	184	1.3		-34.0
100	1.09	1.48	28.80	143	1.1		-34.2
150	1.15	1.59	28.89	123	1.1		-34.2
200	1.24	1.86	28.57	104	1.1		-34.4
250	1.39	1.88	28.41	84	1.1		-35.3
300	1.59	1.71	28.20	69	1.2		-35.5
350	1.87	1.89	27.84	41	1.2		-37.1

Model AC293			Vcc=+15V				Icc=32.09	
FREQ	S11		S21		S12		S22	
MHz	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG
5	0.21	-82.4	26.26	-182.5	0.018	14.1	0.26	104.9
10	0.19	-58.0	26.59	-173.4	0.019	8.6	0.16	85.9
30	0.07	-57.9	27.26	172.9	0.019	-3.9	0.14	59.6
50	0.05	-56.1	27.59	163.6	0.02	-12.1	0.15	41.4
100	0.04	-42.1	27.55	143.0	0.019	-23.8	0.19	24.1
150	0.07	-34.7	27.19	123.4	0.019	-39	0.23	6.7
200	0.11	-37.9	26.84	103.7	0.019	-50.8	0.25	-15.2
250	0.16	-46.3	26.34	89.6	0.017	-63.7	0.25	-42.4
300	0.23	-58.4	25.72	62.8	0.017	-89.4	0.26	-77.3
350	0.3	-71.7	24.67	40.7	0.014	-99.0	0.29	-118.1
400	0.37	-86.6	22.99	17.8	0.013	-125.4	0.37	-159.3
450	0.43	-102.6	20.48	-5.3	0.010	-141.6	0.48	-185.9

Model AC293			Vcc=+12V			Icc=25.8	
FREQ	SWR	SWR	GAIN	PHASE	DELAY	RETN/O	
MHZ	IN	OUT	DB	DEG	NSEC	DB	
5	1.36	1.71	27.95	-182			-34.8
10	1.33	1.40	28.05	-179			-34.4
30	1.2	1.35	28.31	173	1.4		-34.2
50	1.18	1.39	28.41	183	1.3		-33.7
100	1.18	1.51	28.39	143	1.2		-33.9
150	1.22	1.61	28.26	123	1.1		-34.4
200	1.31	1.86	28.13	103	1.1		-34.3
250	1.46	1.68	27.98	89	1.1		-35.0
300	1.67	1.72	27.75	62	1.2		-35.5
350	1.95	1.88	27.36	40	1.2		-37.2

Model AC293			Vcc=+12				Vcc= 25.8	
FREQ	S11		S21		S12		S22	
MHz	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG
5	0.22	-55	24.97	-182.4	0.018		0.26	99.5
10	0.14	-47.6	25.28	-179.3	0.019		0.17	77.7
30	0.09	-43.1	26.09	172.9	0.020	-3.8	0.15	44.9
50	0.08	-42.9	26.32	163.5	0.021	-11.4	0.16	32.8
100	0.07	-40.4	26.26	142.7	0.020	-25.4	0.20	15.7
150	0.1	-40.5	25.89	122.9	0.019	-39.0	0.23	-1.2
200	0.13	-45.3	25.51	103.1	0.019	-54.3	0.25	-23.2
250	0.19	-53.4	25.05	82.8	0.018	-68.1	0.25	-50.6
300	0.25	-64.5	24.41	61.9	0.017	-87.0	0.27	-86.0
350	0.32	-77.4	23.39	39.7	0.014	-102.7	0.31	-125.9
400	0.39	-91.6	21.85	16.9	0.013	-127.1	0.39	-164.8
450	0.44	-107.2	19.22	-6.1	0.009	-143.2	0.50	-192.2