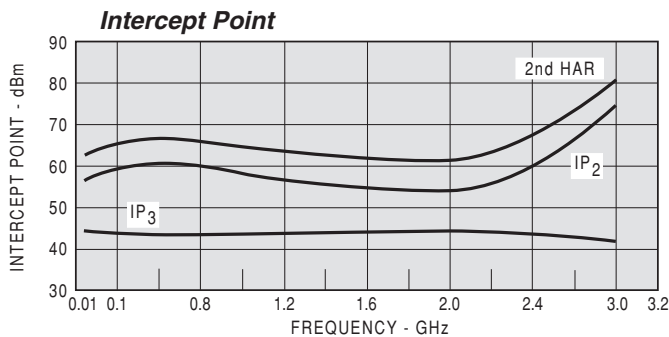
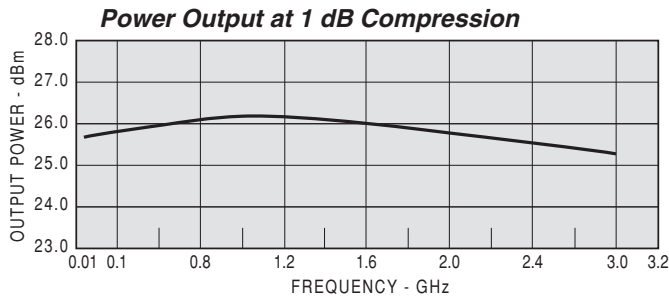
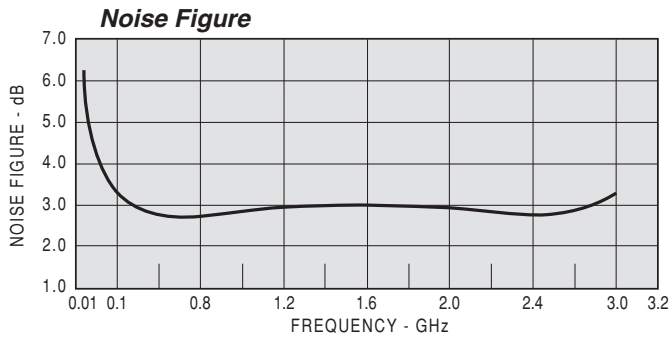
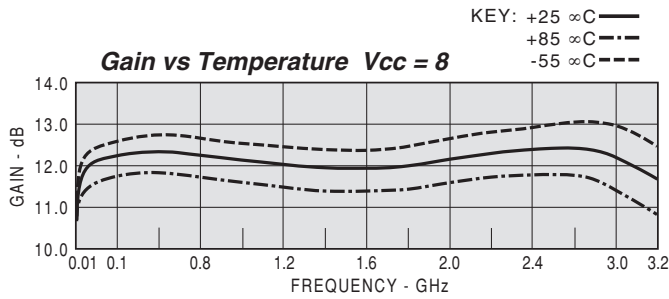


TYPICAL PERFORMANCE

TYPICAL AUTOMATIC TEST DATA



Model: AP3028			Vcc=+8V			Icc=195.95	
FREQ	SWR	SWR	GAIN	PHASE	GROUP DELAY	REV/ISO	
MHZ	IN	OUT	DB	DEG	NSEC	DB	
20	1.65	1.60	11.96	-158		-18.8	
30	1.44	1.55	12.03	-166	2.40	-19.0	
40	1.36	1.55	12.08	-171	1.20	-19.1	
50	1.31	1.57	12.13	-174	0.79	-19.2	
100	1.23	1.63	12.33	178	0.48	-19.5	
200	1.19	1.66	12.49	166	0.32	-19.5	
400	1.21	1.68	12.51	147	0.27	-19.7	
600	1.27	1.70	12.43	129	0.25	-19.7	
800	1.33	1.70	12.34	112	0.24	-19.7	
1000	1.40	1.70	12.26	95	0.23	-19.8	
1200	1.46	1.70	12.15	78	0.24	-19.8	
1400	1.51	1.68	12.05	62	0.23	-19.8	
1600	1.55	1.70	12.08	46	0.22	-19.9	
1800	1.60	1.69	12.13	29	0.24	-19.8	
2000	1.61	1.67	12.31	11	0.24	-19.6	
2200	1.58	1.65	12.43	-6	0.24	-19.4	
2400	1.50	1.59	12.52	-25	0.27	-19.0	
2600	1.39	1.49	12.56	-46	0.28	-18.7	
2800	1.29	1.35	12.55	-67	0.29	-18.0	
3000	1.28	1.21	12.34	-89	0.31	-17.6	
3200	1.41	1.20	11.88	-113	0.32	-17.1	

Model: AP3028			LINEAR S-PARAMETERS						Icc=195.95	
			S11		S21		S12		S22	
FREQ.	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG
20	0.25	-61.5	3.96	-157.9	0.115	14.4	0.23	156.6		
30	0.18	-58.5	4.00	-166.5	0.113	7.7	0.21	167.3		
40	0.15	-56.5	4.02	-170.8	0.111	3.7	0.22	171.1		
50	0.14	-55.1	4.04	-173.7	0.109	1.9	0.22	172.2		
100	0.10	-60.1	4.14	177.7	0.106	-3.2	0.24	169.6		
200	0.09	-69.5	4.21	166.3	0.106	-8.0	0.25	156.5		
400	0.10	-89.0	4.22	147.2	0.103	-15.4	0.25	131.1		
600	0.12	-103.7	4.19	129.4	0.103	-23.5	0.26	107.1		
800	0.14	-115.1	4.14	112.3	0.103	-31.0	0.26	83.4		
1000	0.17	-125.6	4.10	95.5	0.102	-39.2	0.26	61.0		
1200	0.19	-135.1	4.05	78.4	0.102	-46.8	0.26	38.6		
1400	0.20	-144.9	4.00	61.7	0.103	-54.8	0.25	16.8		
1600	0.22	-151.6	4.02	45.7	0.101	-63.0	0.26	-5.8		
1800	0.23	-161.3	4.04	28.6	0.102	-69.9	0.26	-28.5		
2000	0.23	-173.2	4.12	11.5	0.105	-78.3	0.25	-50.3		
2200	0.22	174.5	4.19	-6.1	0.108	-86.9	0.24	-72.7		
2400	0.20	158.4	4.23	-25.4	0.113	-95.3	0.23	-95.3		
2600	0.16	136.4	4.25	-45.5	0.117	-104.1	0.20	-120.1		
2800	0.13	101.6	4.24	-66.7	0.126	-113.8	0.15	-149.8		
3000	0.12	51.1	4.14	-89.4	0.132	-125.9	0.10	163.7		
3200	0.17	9.0	3.93	-112.8	0.139	-137.7	0.09	93.6		