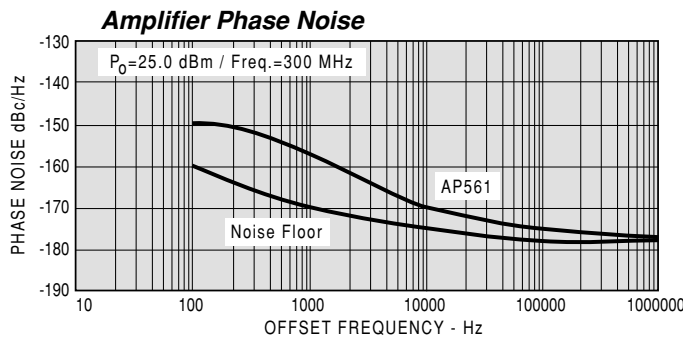
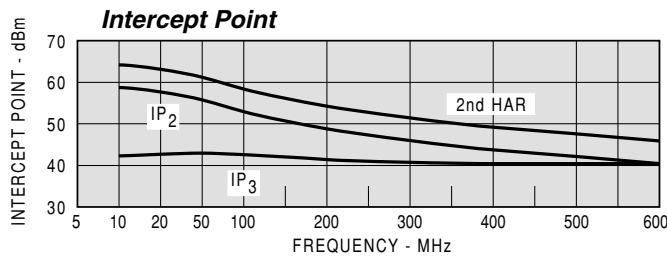
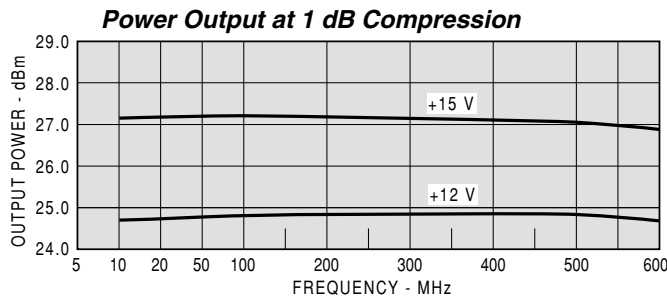
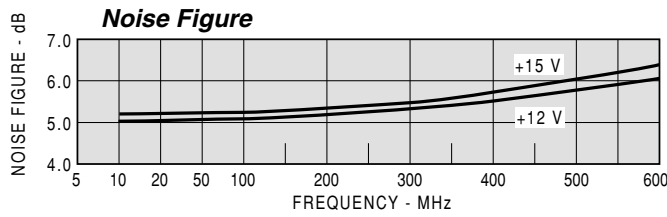
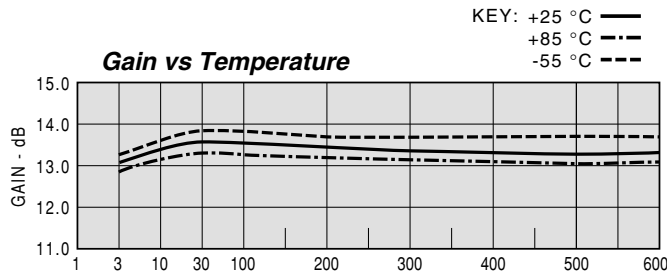


TYPICAL PERFORMANCE

TYPICAL AUTOMATIC TEST DATA



Model: AP561				Vcc=+15V			Icc=174.18	
FREQ	SWR IN	SWR OUT	GAIN	DELAY	REV/ISO			
MHZ			DB	NSEC	DB			
5	1.79	1.67	13.4		-18.2			
10	1.44	1.46	13.6		-17.9			
20	1.35	1.41	13.7	2.398	-17.9			
50	1.32	1.39	13.6	0.815	-17.9			
100	1.32	1.39	13.6	0.515	-17.8			
200	1.36	1.36	13.6	0.428	-17.8			
300	1.39	1.33	13.5	0.417	-17.7			
400	1.41	1.29	13.5	0.416	-17.5			
500	1.40	1.26	13.4	0.409	-17.4			
600	1.37	1.25	13.4	0.415	-17.2			
700	1.31	1.28	13.4	0.421	-16.9			

Model: AP561				LINEAR S-PARAMETERS						Vcc=+15V		Icc=174.18	
FREQ.	S11		S21		S12		S22						
MHZ	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG			
5	0.28	-112.0	4.66	-151.8	0.123	33.0	0.25	-163.8					
10	0.18	-136.0	4.78	-167.3	0.127	16.0	0.19	-174.3					
20	0.15	-153.5	4.82	-175.9	0.127	7.0	0.17	-178.6					
50	0.14	-168.5	4.81	-175.3	0.128	-0.0	0.16	-176.8					
100	0.14	-173.9	4.80	-166.1	0.128	-5.0	0.16	-172.6					
200	0.15	-176.8	4.76	-150.6	0.129	-12.0	0.15	-164.6					
300	0.16	-176.9	4.73	-135.6	0.131	-19.0	0.14	-158.8					
400	0.17	-167.8	4.71	-120.7	0.133	-26.0	0.13	-156.2					
500	0.17	-154.9	4.69	-106.0	0.135	-33.0	0.11	-158.5					
600	0.15	-139.0	4.70	-91.0	0.138	-41.0	0.11	-166.1					
700	0.13	-116.2	4.69	-75.9	0.143	-49.0	0.12	-176.4					
800	0.11	-81.3	4.72	-60.3	0.146	-58.0	0.16	-178.9					

Model: AP561				Vcc=+12V			Icc=138.19	
FREQ	SWR IN	SWR OUT	GAIN	DELAY	REV/ISO			
MHZ			DB	NSEC	DB			
5	1.70	1.60	13.4		-18.1			
10	1.41	1.43	13.6		-17.9			
20	1.34	1.39	13.6	2.250	-17.9			
50	1.32	1.37	13.6	0.807	-17.8			
100	1.32	1.37	13.6	0.519	-17.8			
200	1.37	1.35	13.5	0.439	-17.7			
300	1.42	1.33	13.4	0.427	-17.6			
400	1.45	1.30	13.4	0.423	-17.5			
500	1.45	1.29	13.3	0.417	-17.3			
600	1.42	1.31	13.3	0.424	-17.0			
700	1.36	1.38	13.3	0.429	-16.7			

Model: AP561				LINEAR S-PARAMETERS						Vcc=+12V		Icc=138.19	
FREQ.	S11		S21		S12		S22						
MHZ	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG			
5	0.26	-115.9	4.67	-154.3	0.124	30.0	0.23	-159.7					
10	0.17	-138.9	4.77	-168.4	0.127	14.0	0.18	-171.2					
20	0.14	-155.3	4.81	-176.5	0.128	7.0	0.16	-176.4					
50	0.14	-169.0	4.80	-174.8	0.128	-0.0	0.16	-178.9					
100	0.14	-172.0	4.80	-165.5	0.128	-5.0	0.16	-175.2					
200	0.16	-174.5	4.75	-149.7	0.130	-12.0	0.15	-169.2					
300	0.17	-179.3	4.70	-134.3	0.132	-18.0	0.14	-165.8					
400	0.18	-169.2	4.66	-119.0	0.134	-25.0	0.13	-165.7					
500	0.18	-156.1	4.63	-104.1	0.137	-32.0	0.13	-169.9					
600	0.17	-139.9	4.61	-88.9	0.141	-40.0	0.13	-176.3					
700	0.15	-117.4	4.62	-73.5	0.146	-48.0	0.16	-178.2					
800	0.13	-84.1	4.60	-57.6	0.150	-58.0	0.20	-178.0					