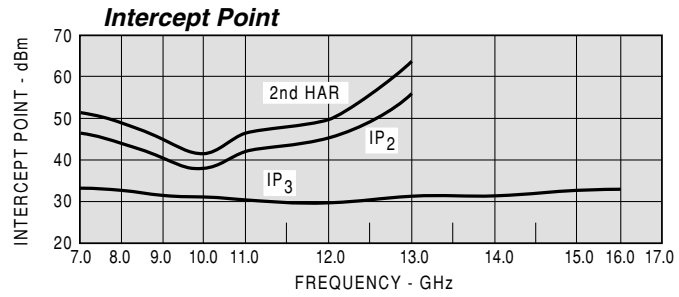
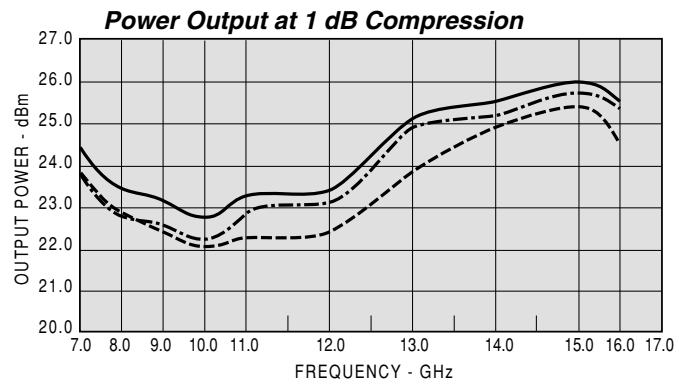
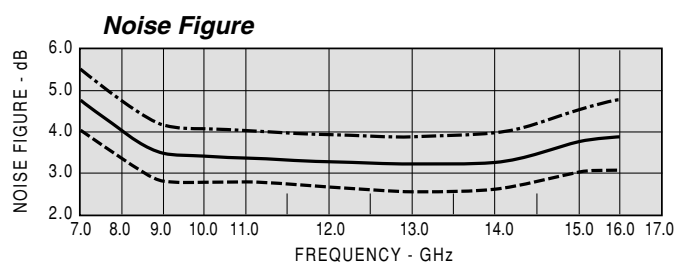
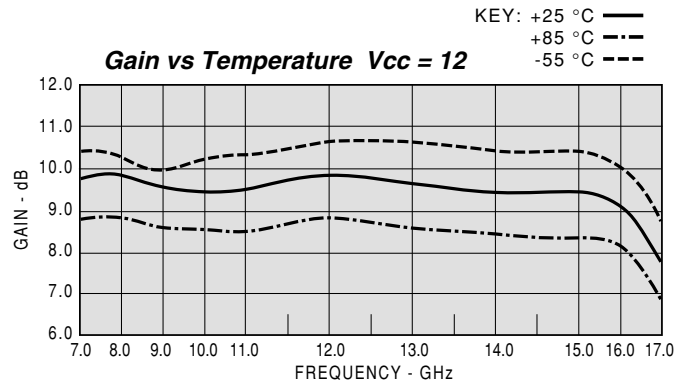


TYPICAL PERFORMANCE

TYPICAL AUTOMATIC TEST DATA



Model: ACP16021 Vcc= +12V Icc= 115.65

FREQ	SWR	SWR	GAIN	PHASE	DELAY	REV/ISO
GHZ	IN	OUT	DB	DEG	NSEC	DB
6.0	1.99	1.35	10.38	93.20	0.13	-30.34
6.5	2.10	1.38	10.07	70.01	0.11	-29.83
7.0	1.96	1.38	9.80	51.08	0.10	-30.12
7.5	1.81	1.30	9.68	31.45	0.12	-29.46
8.0	1.64	1.24	9.86	10.78	0.12	-29.03
8.5	1.59	1.19	9.61	-8.32	0.11	-28.76
9.0	1.78	1.16	9.64	-27.61	0.11	-28.83
9.5	1.85	1.20	9.52	-45.97	0.10	-28.33
10.0	1.70	1.23	9.49	-64.20	0.11	-28.38
10.5	1.57	1.25	9.47	-82.69	0.09	-27.20
11.0	1.45	1.31	9.46	-100.72	0.09	-27.46
11.5	1.40	1.31	9.66	-119.46	0.13	-25.93
12.0	1.59	1.25	9.90	-140.96	0.10	-25.58
12.5	1.64	1.31	9.55	-161.00	0.12	-25.29
13.0	1.73	1.33	9.59	-179.80	0.07	-24.66
13.5	1.53	1.24	9.44	159.83	0.13	-23.76
14.0	1.32	1.23	9.48	137.49	0.13	-22.78
14.5	1.22	1.17	9.29	116.12	0.13	-22.50
15.0	1.27	1.05	9.28	93.49	0.13	-22.51
15.5	1.43	1.09	9.11	70.06	0.13	-22.15
16.0	1.39	1.24	8.97	44.86	0.14	-21.73
16.5	1.08	1.22	8.50	16.40	0.17	-21.66
17.0	1.77	1.20	7.33	-11.51	0.15	-21.97
17.5	2.02	1.37	6.35	-34.56	0.12	-22.32

Model: ACP16021 Vcc= +12V Icc= 115.65

LINEAR S-PARAMETERS

FREQ	S11		S21		S12		S22	
GHZ	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG
6.0	0.33	-43.08	3.30	93.21	0.03	26.05	0.15	170.64
6.5	0.36	-71.06	3.19	69.97	0.03	9.92	0.16	131.32
7.0	0.32	-92.94	3.10	51.06	0.03	-5.33	0.16	101.31
7.5	0.29	-113.60	3.05	31.63	0.03	-22.95	0.13	75.48
8.0	0.24	-118.57	3.12	10.72	0.03	-39.20	0.11	40.30
8.5	0.23	-115.75	3.03	-8.43	0.04	-57.93	0.09	6.08
9.0	0.28	-123.55	3.04	-27.61	0.04	-70.23	0.08	-25.04
9.5	0.30	-141.88	2.99	-45.89	0.04	-86.37	0.09	-31.95
10.0	0.26	-179.10	2.98	-64.14	0.04	-101.09	0.11	-27.33
10.5	0.22	117.48	2.98	-82.67	0.04	-114.99	0.11	-30.48
11.0	0.19	40.69	2.98	-100.74	0.04	-131.03	0.14	-36.81
11.5	0.17	5.27	3.04	-119.46	0.05	-142.57	0.13	-31.32
12.0	0.23	20.40	3.13	-141.02	0.05	-161.58	0.11	-27.52
12.5	0.24	10.61	3.00	-161.02	0.06	-178.68	0.14	-33.91
13.0	0.27	-7.48	3.01	-179.73	0.06	-168.49	0.14	-40.52
13.5	0.21	-21.65	2.97	159.93	0.06	150.97	0.11	-55.84
14.0	0.14	-48.77	2.98	137.52	0.07	131.04	0.10	-78.11
14.5	0.10	-32.35	2.93	116.07	0.07	113.95	0.07	-77.77
15.0	0.12	1.76	2.92	93.42	0.07	93.04	0.02	-67.36
15.5	0.18	-14.36	2.85	70.09	0.08	75.38	0.04	-28.13
16.0	0.16	-41.45	2.81	44.81	0.08	51.80	0.11	1.42
16.5	0.04	17.44	2.67	16.54	0.08	26.22	0.10	-2.59
17.0	0.28	50.39	2.33	-11.41	0.08	-0.23	0.09	-6.42
17.5	0.34	25.53	2.08	-34.53	0.08	-21.12	0.16	7.51
18.0	0.27	-18.70	2.05	-64.98	0.08	-54.13	0.13	-12.89