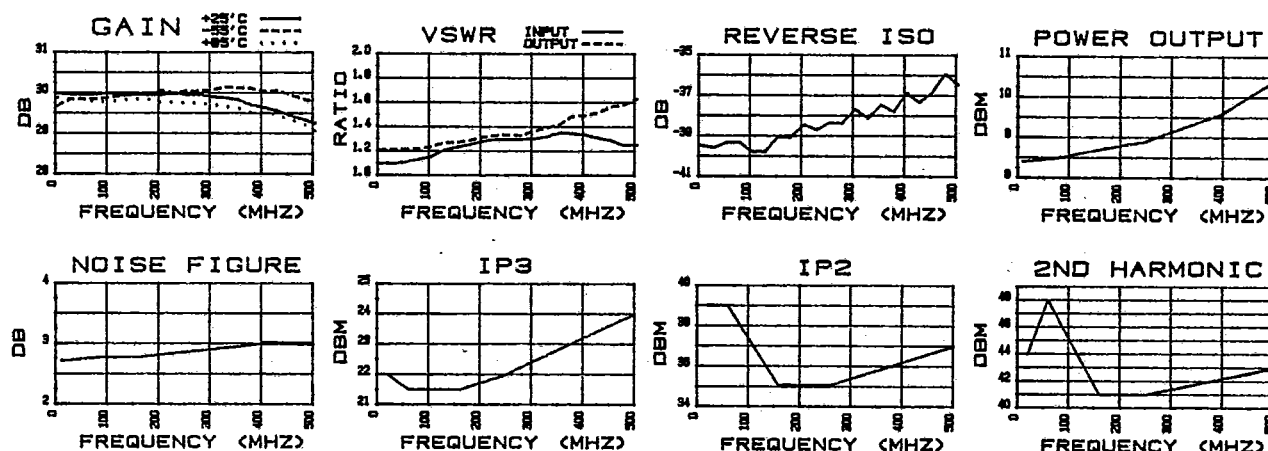


Typical Performance



AH-74 38.0 mA @15.0Vdc Linear S-Parameters

FREQUENCY MHz	RETURN LOSS INPUT (S11)		TRANS. GAIN FORWARD (S21)		TRANS. GAIN REVERSE (S12)		RETURN LOSS OUTPUT (S22)	
	dB	ANG	dB	ANG	dB	ANG	dB	ANG
5.000	-26.9	-161.8	29.99	5.9	-39.50	1.6	-20.7	-160.2
30.000	-27.2	-166.6	29.95	-8.6	-39.62	-9.2	-20.6	-175.1
55.000	-25.9	-155.2	29.95	-17.1	-39.35	-5.1	-20.3	-178.0
80.000	-24.4	-152.4	29.97	-25.3	-39.34	0.1	-20.4	-171.8
105.000	-23.0	-147.6	29.99	-30.1	-39.81	4.3	-19.6	-175.7
130.000	-20.6	-146.2	29.93	-41.3	-39.80	-2.3	-18.6	-168.1
155.000	-19.7	-147.0	29.96	-49.9	-39.06	4.4	-18.5	-170.8
180.000	-19.0	-149.0	29.95	-58.2	-39.09	7.3	-18.2	-169.7
205.000	-18.3	-153.6	29.96	-66.2	-38.47	3.5	-17.5	-170.4
230.000	-17.8	-156.5	29.98	-74.7	-38.72	5.9	-17.1	-172.2
255.000	-18.0	-157.3	29.94	-83.5	-38.37	8.4	-17.0	-172.8
280.000	-17.8	-162.4	29.96	-92.1	-38.37	7.4	-17.1	-177.0
305.000	-17.7	-167.1	29.90	-97.0	-37.71	5.9	-16.3	-178.5
330.000	-17.3	-172.0	29.86	-105.7	-38.15	6.6	-15.8	-179.7
355.000	-16.6	-176.4	29.83	-117.6	-37.49	9.5	-15.3	-177.5
380.000	-16.8	-180.0	29.70	-126.2	-37.83	10.5	-14.2	-173.5
405.000	-17.0	-177.0	29.63	-134.6	-36.90	9.6	-14.1	-167.9
430.000	-17.6	-175.8	29.56	-143.5	-37.36	18.5	-13.8	-166.0
455.000	-18.1	-175.1	29.45	-152.5	-36.85	15.2	-13.2	-164.9
480.000	-19.3	-179.2	29.35	-158.8	-35.96	17.5	-13.0	-163.1
505.000	-19.0	-178.3	29.25	-167.3	-36.49	9.2	-12.4	-157.9

Deviation from Linear Phase, Gain, Group Delay, and VSWR

FREQUENCY (MHz)	VSWR INPUT	DEV. LIN. 0 (DEG.)	GAIN DEV. (dB)	GROUP DELAY (n-SEC)	VSWR OUTPUT
5.000	1.094	4.017	0.174	0.000	1.203
30.000	1.091	-1.950	0.137	1.606	1.207
55.000	1.106	-1.917	0.141	0.940	1.213
80.000	1.128	-1.656	0.154	0.914	1.211
105.000	1.152	-1.981	0.183	0.539	1.233
130.000	1.206	-0.728	0.116	1.244	1.266
155.000	1.231	-0.785	0.144	0.950	1.269
180.000	1.252	-0.606	0.134	0.924	1.282
205.000	1.278	-0.151	0.145	0.893	1.310
230.000	1.295	-0.091	0.171	0.937	1.326
255.000	1.290	-0.412	0.132	0.979	1.330
280.000	1.296	-0.571	0.145	0.961	1.323
305.000	1.300	3.066	0.088	0.539	1.363
330.000	1.316	2.819	0.050	0.971	1.388
355.000	1.349	-0.610	0.014	1.325	1.414
380.000	1.339	-0.676	-0.111	0.951	1.484
405.000	1.329	-0.628	-0.178	0.938	1.492
430.000	1.303	-0.967	-0.255	0.981	1.517
455.000	1.283	-1.507	-0.362	1.004	1.562
480.000	1.243	0.713	-0.462	0.697	1.580
505.000	1.251	0.657	-0.559	0.950	1.627