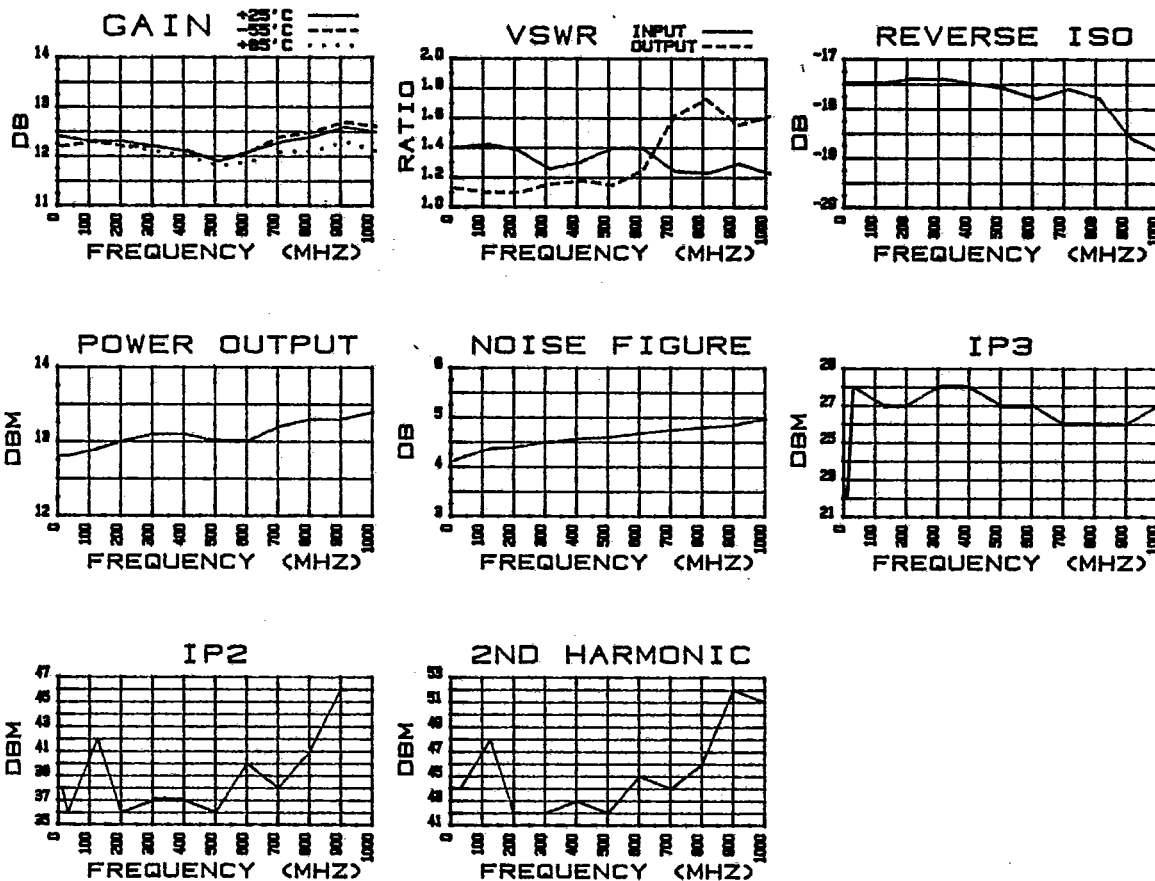


Typical Performance



AH-65 31.4 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
10.000	-15.6	-158.0	12.40	-174.5	-17.50	7.2	-24.8	129.3
110.000	-15.2	165.8	12.30	164.3	-17.50	-6.2	-26.9	139.8
210.000	-16.0	154.0	12.30	149.5	-17.40	-9.7	-27.0	94.3
310.000	-19.0	148.5	12.20	135.0	-17.40	-16.7	-22.9	22.2
410.000	-17.6	138.5	12.10	121.5	-17.50	-22.0	-21.8	20.0
510.000	-15.6	128.7	11.90	107.7	-17.60	-29.0	-23.5	-58.3
610.000	-15.8	115.8	12.10	95.3	-17.80	-31.7	-19.1	-6.5
710.000	-19.5	103.3	12.30	80.8	-17.60	-38.2	-12.6	-31.7
810.000	-19.9	86.3	12.40	66.0	-17.80	-44.3	-11.5	-51.3
910.000	-17.9	100.0	12.60	50.5	-18.60	-50.2	-13.3	-72.0
1010.000	-19.9	108.3	12.50	34.0	-18.90	-60.3	-12.6	-113.5

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
10.000	1.398	4.693	0.118	0.000	1.122
110.000	1.421	-2.032	0.018	0.590	1.095
210.000	1.377	-2.257	0.018	0.410	1.094
310.000	1.253	-2.232	-0.082	0.403	1.154
410.000	1.304	-1.207	-0.182	0.375	1.177
510.000	1.398	-0.432	-0.382	0.382	1.143
610.000	1.387	1.593	-0.182	0.347	1.250
710.000	1.237	1.618	0.018	0.403	1.612
810.000	1.225	1.393	0.118	0.410	1.725
910.000	1.292	0.418	0.318	0.431	1.552
1010.000	1.225	-1.557	0.218	0.458	1.612