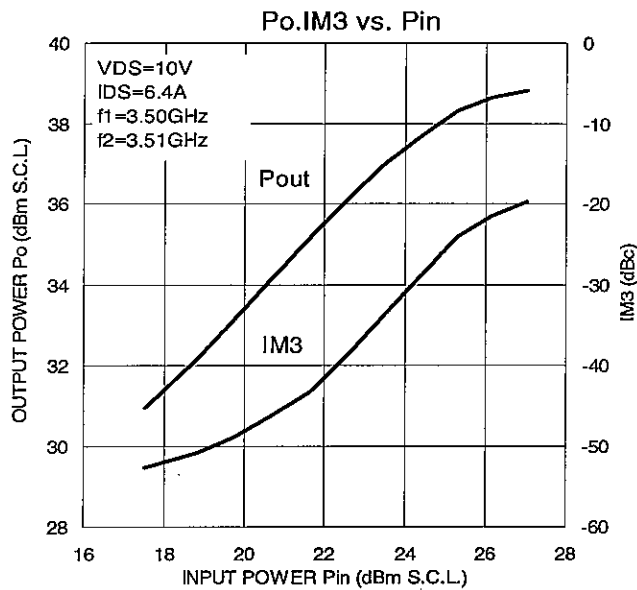
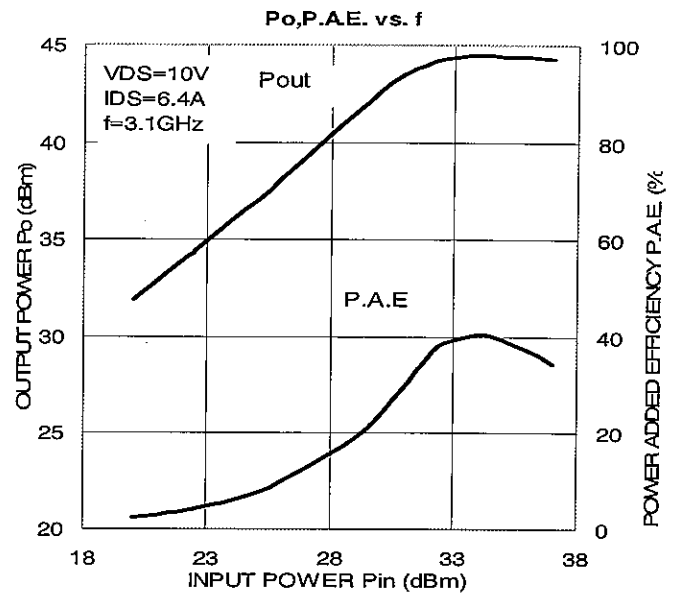
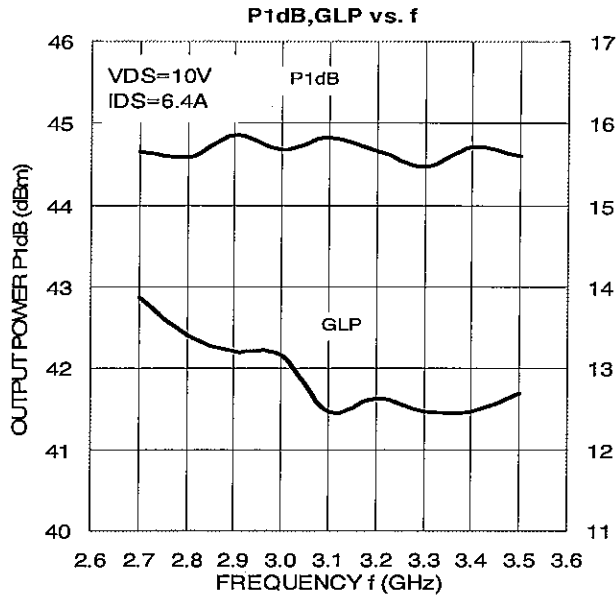


## June.'98

**MGFS44V2735****2.7 - 3.5GHz BAND 24W INTERNALLY MATCHED GaAs FET**

## TYPICAL CHARACTERISTICS

**S parameters** (Ta=25deg.C, VDS=10(V), IDS=6.4(A))

f (GHz)	S-Parameter (TYP.)							
	S11		S21		S12		S22	
	Magn.	Angle(deg)	Magn.	Angle(deg)	Magn.	Angle(deg)	Magn.	Angle(deg)
2.60	0.51	178	4.32	50	0.05	-13	0.38	-62
2.70	0.49	123	4.40	14	0.05	-56	0.34	-96
2.80	0.50	77	4.31	-18	0.05	-85	0.33	-127
2.90	0.52	37	4.14	-48	0.06	-114	0.33	-152
3.00	0.54	2	4.04	-77	0.06	-137	0.33	-174
3.10	0.53	-29	3.96	-105	0.06	-167	0.33	169
3.20	0.51	-62	3.97	-133	0.06	165	0.31	150
3.30	0.47	-95	4.06	-161	0.07	137	0.29	131
3.40	0.40	-134	4.20	168	0.07	105	0.24	103
3.50	0.29	171	4.31	134	0.08	73	0.18	61
3.60	0.27	82	4.13	96	0.07	32	0.17	-24

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