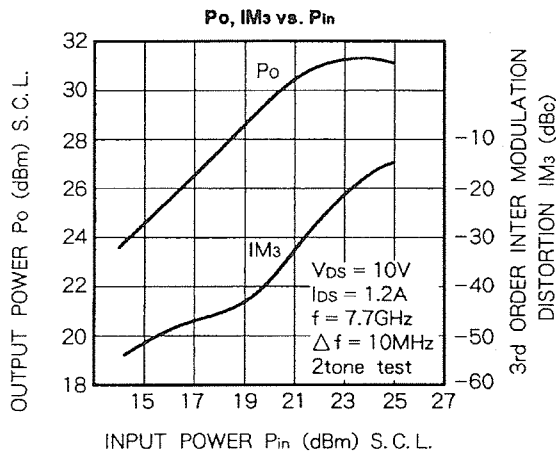
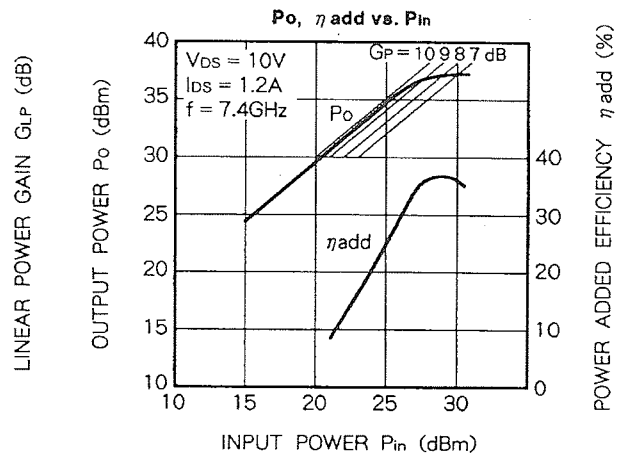
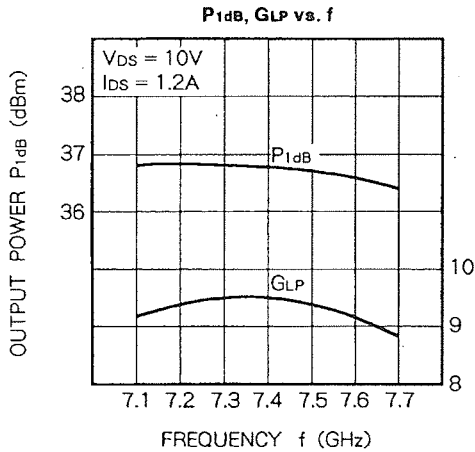


MGFC36V7177A

7.1~7.7GHz BAND 4W INTERNALLY MATCHED GaAs FET

TYPICAL CHARACTERISTICS



S PARAMETERS (T_a = 25°C, V_{DS} = 10V, I_{DS} = 1.2A)

f (GHz)	S parameters							
	S ₁₁		S ₁₂		S ₂₁		S ₂₂	
	Magn.	Angle(deg.)	Magn.	Angle(deg.)	Magn.	Angle(deg.)	Magn.	Angle(deg.)
7.1	0.41	172	0.077	-157	2.85	-109	0.25	15
7.2	0.35	160	0.082	-171	2.92	-124	0.24	0
7.3	0.29	148	0.087	174	2.97	-139	0.23	-18
7.4	0.22	134	0.091	160	2.98	-154	0.21	-39
7.5	0.14	123	0.096	144	2.93	-169	0.20	-65
7.6	0.10	132	0.098	129	2.88	174	0.19	-93
7.7	0.18	130	0.099	113	2.79	158	0.21	-121

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