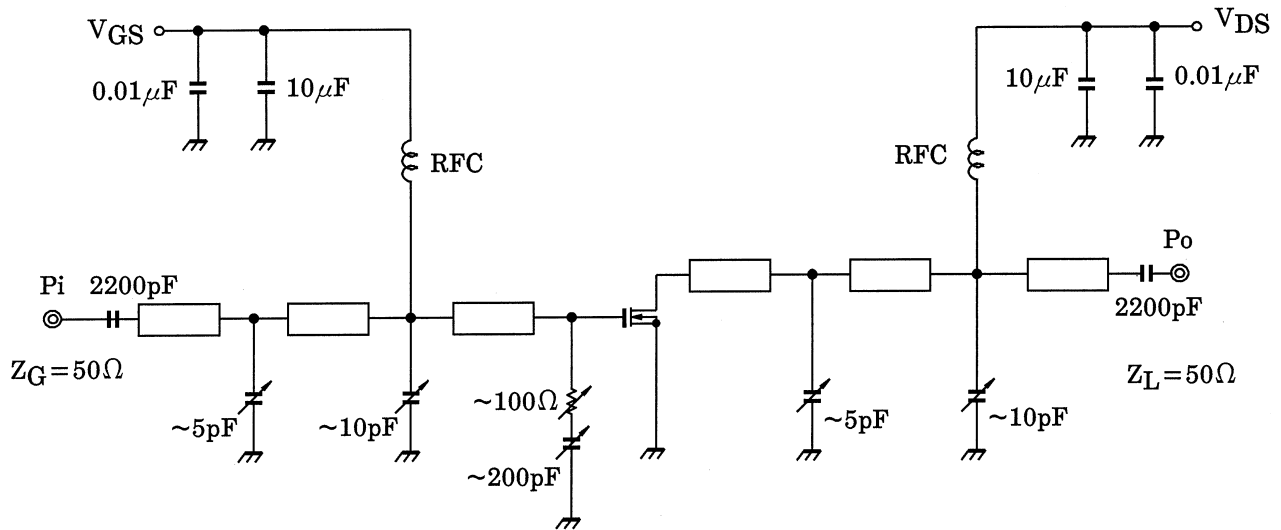


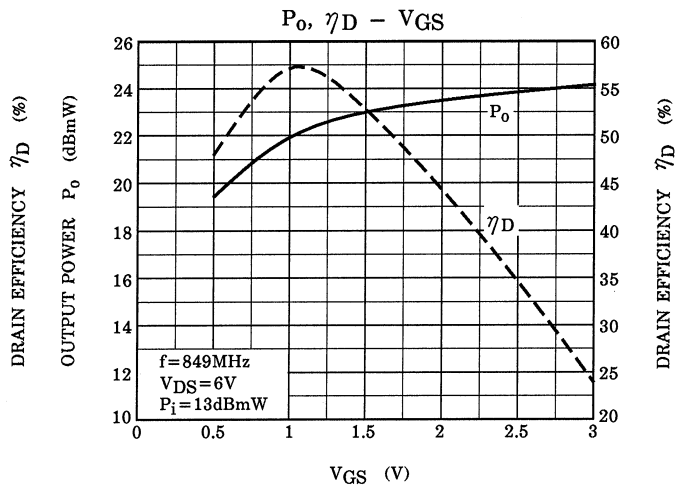
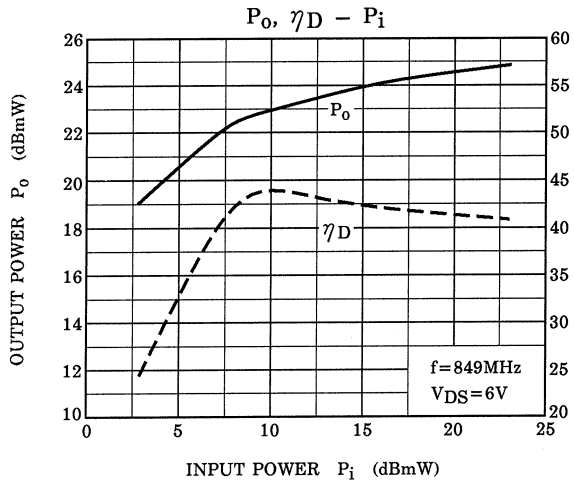
ELECTRICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Output Power	P _O	V _{DS} = 6V, f = 849MHz P _i = 13dBmW	23	—	—	dBmW
Drain Efficiency	η _D	V _{DS} = 6V, f = 849MHz P _i = 13dBmW, P _O = 23dBmW	40	—	—	%
Drain-Source Breakdown Voltage	V _{(BR) DSS}	V _{GS} = 0, I _D = 1μA	10	—	—	V
Drain Cut-off Current	I _{DSS}	V _{DS} = 6V, V _{GS} = 0	—	—	100	nA
Threshold Voltage	V _{th}	V _{DS} = 6V, I _D = 250μA	1.0	1.4	1.8	V
Gate-Source Leakage Current	I _{GSS}	V _{GS} = 6V, V _{DS} = 0	—	—	±100	nA

Note 2: These characteristic values are measured using measurement tools specified by Toshiba.

RF OUTPUT POWER TEST FIXTURE





Note 3: These are only typical curves and devices are not necessarily guaranteed at these curves.

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20070701-EN GENERAL

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