

Class C Operation ICAS - 30 MHz

Type	(1) Eg1 VDC	(1) Eg2 VDC	(1) Ep VDC	Peak Eg1 Vrf	(1)Ig1 mA DC	Ig2 mA DC	Ip mA DC	g1 Drive Power Watts	g2 Diss Watts	Plate Input Watts	RF Out Watts	Eff %	Plate Diss Watts	(2) Circuit Loss Watts
6GJ5	-75	200	500	61	5.0	14.9	180	0.43	2.99	90.0	62.7	69.5	22.0	5.3
6HF5	-85	140	500	67	8.0	12.5	232	0.76	1.75	116.0	77.0	66.0	35.0	4.0
6JB6	-75	200	500	61	5.0	13.3	180	0.43	2.66	90.0	62.7	69.5	22.0	5.3
6JE6	-85	125	500	72	8.0	17.2	222	0.82	2.15	111.0	76.3	69.0	30.0	4.7
6JM6	-75	200	500	57	4.0	13.7	180	0.32	2.72	90.0	61.1	67.9	22.0	6.9
6JG6	-80	150	450	67	8.0	20.0	202	0.75	3.0	91.0	63.0	69.3	21.0	7.0

(1) Selected as optimum operating conditions.

(2) Calculated power lost in tank circuit (standard Pi Network)

Courtesy of Sylvania

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