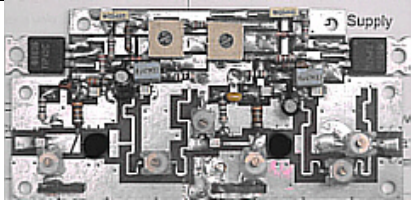


TV UHF LINEAR AMPLIFIER 2W

TEST RESULTS

470 MHz				660 MHz				860 MHz			
Gain (dB)	Input	Pout	I (A)	Gain (dB)	Input	Pout	I (A)	Gain (dB)	Input	Pout	I (A)
26.5 dB	10 dBm	1.8 W	0.66 A	26 dB	10 dBm	1.7 W	0.67 A	25 dB	10 dBm	1.68 W	0.67 A
470 MHz				660 MHz				860 MHz			
MAXIMUM RATINGS				MAXIMUM RATINGS				MAXIMUM RATINGS			
Gain (dB)	Input	Pout	I (A)	Gain (dB)	Input	Pout	I (A)	Gain (dB)	Input	Pout	I (A)
26.5 dB	18 dBm	2960 mW	0.68 A	26 dB	18 dBm	2980 mW	0.69 A	25 dB	18 dBm	2990 mW	0.68 A



Bandwidth	Pout=2000 mW(CW)	470MHz	-	871 MHz	MHz
Power gain	Pref=2W, 3ton	26	26	25	dB
Power out@1dB compression	Pout 2W	2			W
I	Pout= 2W		0.67		A
Out return loss	Pout = 2W	15		19	dB
Intermodulation distortion -3 ton	Vision carrier -8dB	-50	-51	-50	dBc

Measured at 24V DC +- 1% 0.7 A

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