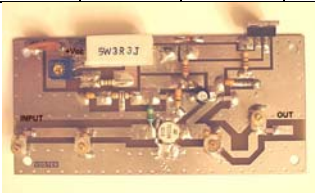


TV UHF LINEAR AMPLIFIER 5WDTV

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)
7.9 dB	0.8W	4.2 W	0.86 A	7.8dB	0.8W	4.1 W	0.88 A	7.8dB	0.8W	4.0W	0.87 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)
8.0 dB	1.1W	5W	0.88 A	8.0	1.1W	5W	0.89 A	8.0 dB	1.1W	5W	0.89 A



Bandwidth	Pout=5000 mW(CW)	470MHz	-	871 MHz	MHz
Power gain	Pref=5W, 3ton	8		8	dB
Power out@1dB compression	Pout 5W	5			W
I	Pout= 5W		0.89		A
Out return loss	Pout = 5W	14		17	dB
Intermodulation distortion -3 ton	Vision carrier -8dB	-49	-48	-48	dBc

Measured at 26V DC +/- 1% 0.89A

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