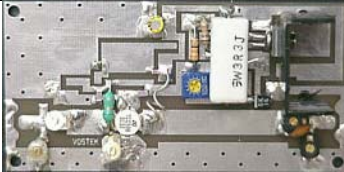


# TV UHF LINEAR AMPLIFIER 5W

## 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)
<b>7.9 dB</b>	<b>0.8W</b>	<b>4.2 W</b>	<b>0.86 A</b>	<b>7.8dB</b>	<b>0.8W</b>	<b>4.1 W</b>	<b>0.88 A</b>	<b>7.8dB</b>	<b>0.8W</b>	<b>4.0W</b>	<b>0.87 A</b>
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)
<b>8.0 dB</b>	<b>1.1W</b>	<b>5W</b>	<b>0.88 A</b>	<b>8.0</b>	<b>1.1W</b>	<b>5W</b>	<b>0.89 A</b>	<b>8.0 dB</b>	<b>1.1W</b>	<b>5W</b>	<b>0.89 A</b>



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	-51	-51	-52	dBc

Measured at 26V DC +- 1% 0.89A

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