

TV LINEAR AMPLIFIER 500 mW

TEST RESULTS

470 MHz				660 MHz				860 MHz			
Gain (dB)	Input (dBm)	Pout (mW)	I (A)	Gain (dB)	Input (dBm)	Pout (mW)	I (A)	Gain (dB)	Input (dBm)	Pout (mW)	I (A)
26.5 dB	0 dBm	300 mW	0.46 A	26 dB	0 dBm	280 mW	0.47 A	25 dB	0 dBm	270 mW	0.47 A
470 MHz MAXIMUM RATINGS				660 MHz MAXIMUM RATINGS				860 MHz MAXIMUM RATINGS			
Gain (dB)	Input (dBm)	Pout (mW)	I (A)	Gain (dB)	Input (dBm)	Pout (mW)	I (A)	Gain (dB)	Input (dBm)	Pout (mW)	I (A)
26.5 dB	18 dBm	800 mW	0.48 A	26 dB	18 dBm	780 mW	0.49 A	25 dB	18 dBm	770 mW	0.48 A



Bandwidth	Pout=360 mW(CW)	470MHz	-	871 MHz	MHz
Power gain	Pref=330mW, 3ton	26	26	25	dB
Power out@1dB compression	Pout 360mW	350mW			W
I	Pout= 360mW		0.47		A
Out return loss	Pout = 360mW	15		19	dB
Intermodulation distortion -3 ton	Vision carrier -8dB	-50	-51	-50	dBc

Measured at 18V DC +/- 1% 0.5 A

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