

470 MHz				660 MHz				860 MHz			
Gain (dB)	Phase (deg)	Pout Compr. @35W	I (A)	Gain (dB)	Phase (deg)	Pout Comp. @35W	I (A)	Gain (dB)	Phase (deg)	Pout Compr. @35W	I (A)
11.2	138*	0.10	6.6	11.5	-154*	0.25	6.6	11.0	-114*	0.20	6.6

TECHNICAL CHARACTERISTICS FOR AMPLIFIER Model **AMP35W-TV**

Bandwidth	Pout=36W(CW)	470MHz	-	871 MHz	MHz
Power gain	Pref=33W, 3ton	9	9	11	dB
Power out@1dB compression	Pout 36W	35			W
I	Pout= 36W		6.6		A
Out return loss	Pout = 36W	14		19	dB
Intermodulation distortion-3 ton	Vision carrier -- -8dB Sound carrier--- -7dB Sideband carrier-16dB	-52		-50	dBc
Gain flatness	36W power out	3 ton max 871 MHz	+0.6		dB

Measured at 26V DC +- 1%

