

## High Power Solid State Booster Amplifier

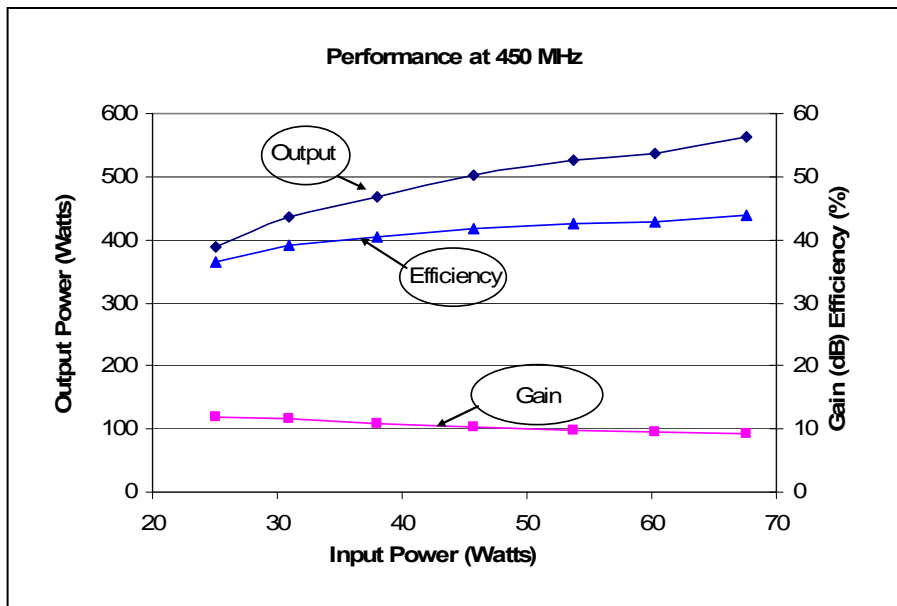
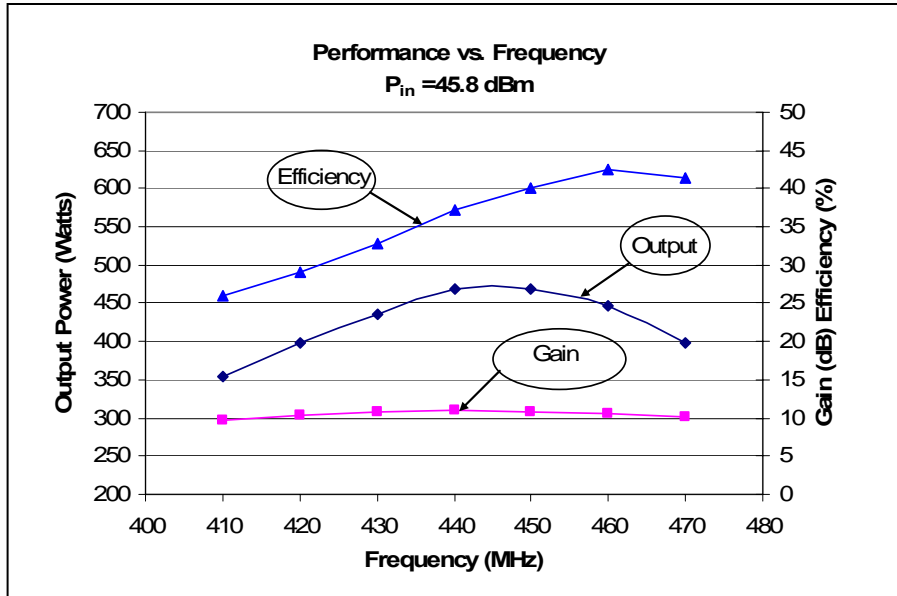
### Key Features:

- >500 Watts saturated RF power
- 45% efficiency
- Solid state reliability
- 410 – 470 MHz
- Class AB operation
- CW or Pulse



Electrical Parameters	Units	Min.	Typ.	Max.
<b>@28 V, 25°C Baseplate</b>				
Frequency	MHz	410		470
Gain	dB		10	
Gain Variation	±dB		2	
Gain Variation, Over Operating Temp.	±dB		1	
Input VSWR (50 Ohms)			2:1	
Output VSWR (50 Ohms)			2:1	
Output Power, Saturated	Watts		550	
Output Power, 1 dB Compressed	Watts		450	
Efficiency	%		45	
Voltage	Volts		28	
Quiescent Current	Amps		2.1	
<b>Physical Parameters</b>				
Size	In.	7.4x8.95x2.125		
RF Connectors		N (F)		
DC Connectors		Filter Feedthru Solder Terminal		

Environmental Parameters	Units	Min.	Typ.	Max.
Baseplate Temp., Operating	°C	-20		+50
Baseplate Temp., Storage	°C	-20		+125
Cooling		Forced Air Convection		
Altitude, Operating	K Feet		10	



Typical Performance Data