

CHPA0618-1-G45

6-18 GHz 35 Watt *Spatium*[™] Power Amplifier

Performance Specifications

Parameter	Units	Min.	Typ.	Max.
Frequency	GHz	6		18
Gain	dB	43	45	
vs. Freq.	±dB		3	
vs. Temp.	±dB		2	
VSWR (In)			2.0:1	
VSWR (Out)			2.5:1	

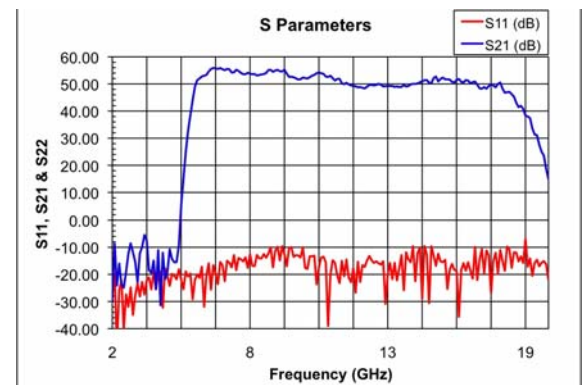
Parameter	Units	Min.	Typ.	Max.
RF Power				
Sat.	Watts		35	
P-1dB	Watts		30	
Efficiency	%		15	
Spurious	dBc		-60	
DC Volts	V	9	9.5	10
DC Current	A		21	29

Physical

Dimensions	17.08 x 9.93 x 5.81 inches
RF Connectors	SMA(F) In/Out
DC Connector	DA15 Male (pin)
Pins 1-6	+9.5VDC (DC Supply)
Pin 8	Summary Fault TTL(H) True
Pins 9-14	DC Return
Pins 7&9	No Connection

Environmental

Temp. Operating	0° to +50°C
Temp. Storage	-20° to +85°C
Cooling	Internal Fan Forced
	Rear Exhaust
Mounting	#10 Machine Screws



Creative Amplification Products

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990069 Rev. 2

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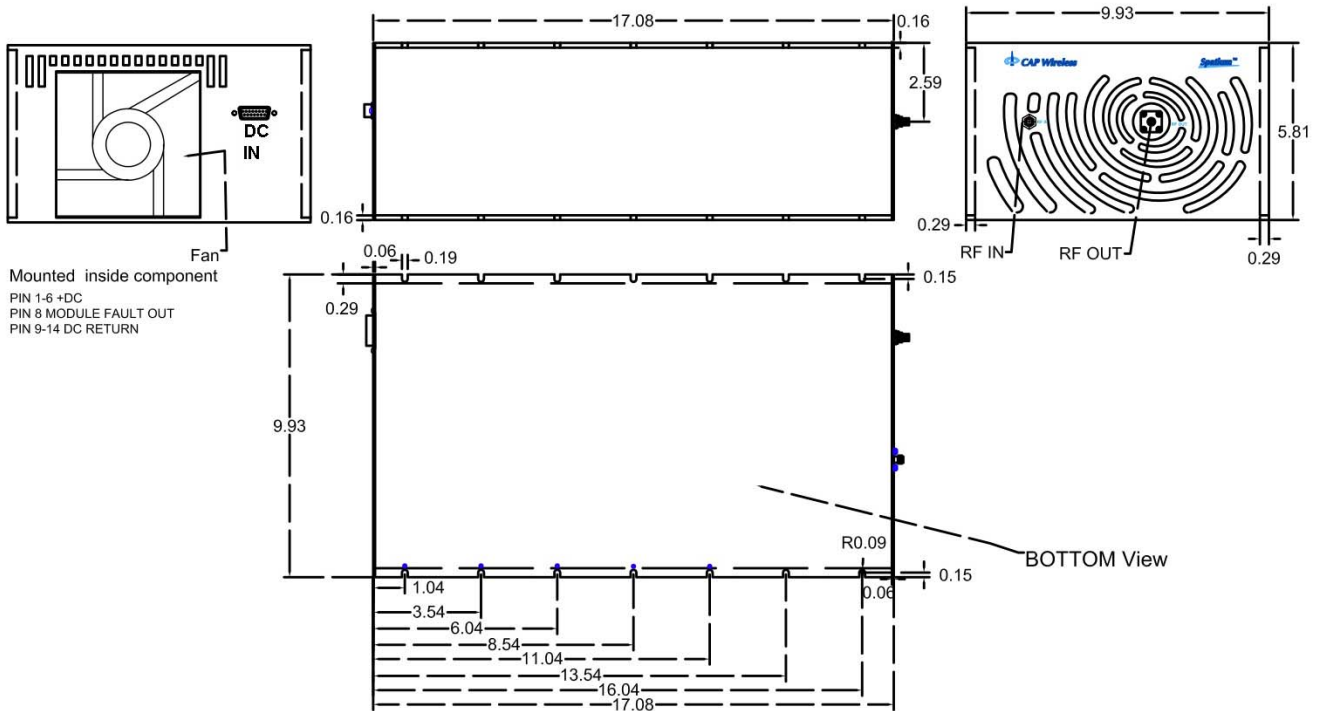
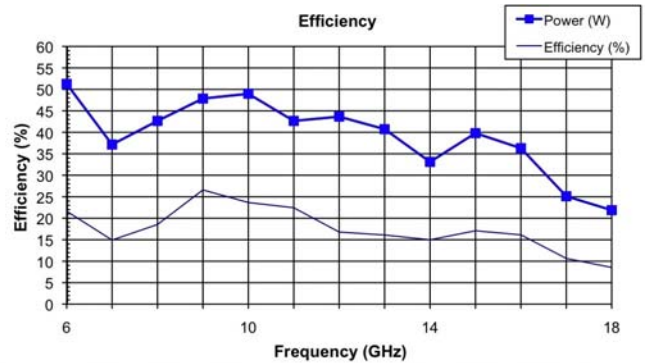
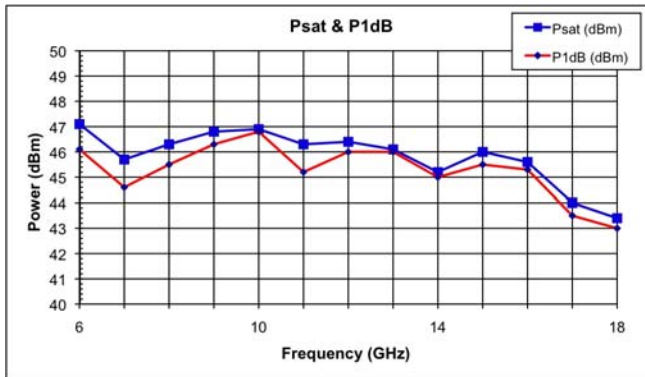
 **CAP Wireless, Inc.**

3235 Grande Vista Drive
 Newbury Park, CA 91320

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6-18 GHz 35 Watt *Spatium*TM Power Amplifier

Typical Performance Plots



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