

Ultra Broadband Power Amplifier

Key Features:

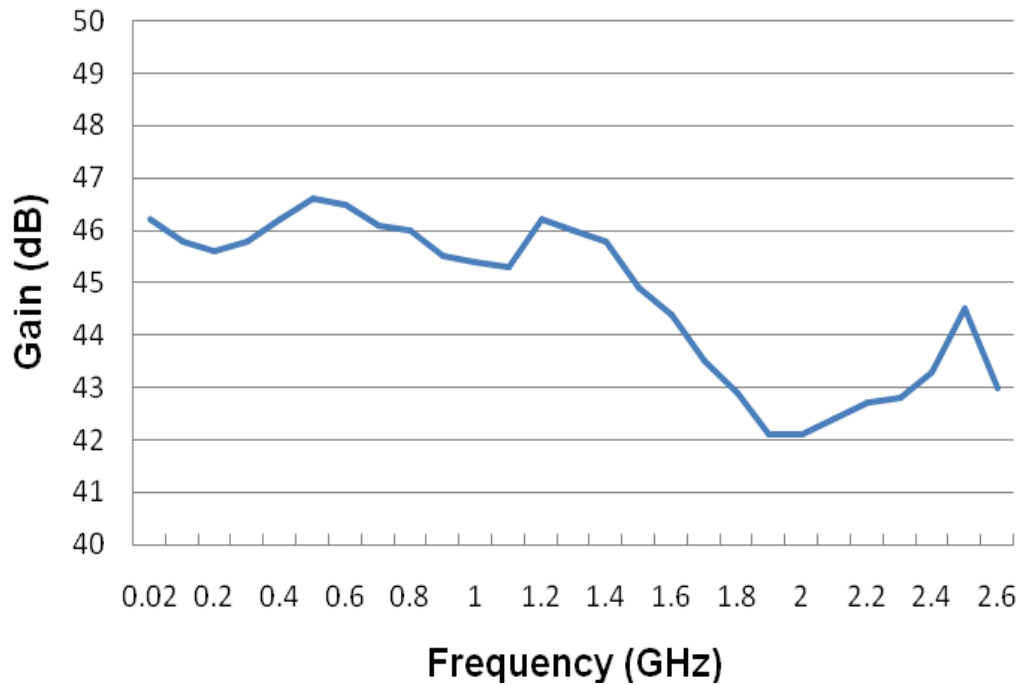
- 20 Watts Saturated Power
- GaN Technology
- Industry Leading Compact Size
- Ultra Broadband 20-2500+ MHz Operation
- CW or Pulse
- High Efficiency
- 28 VDC Operation



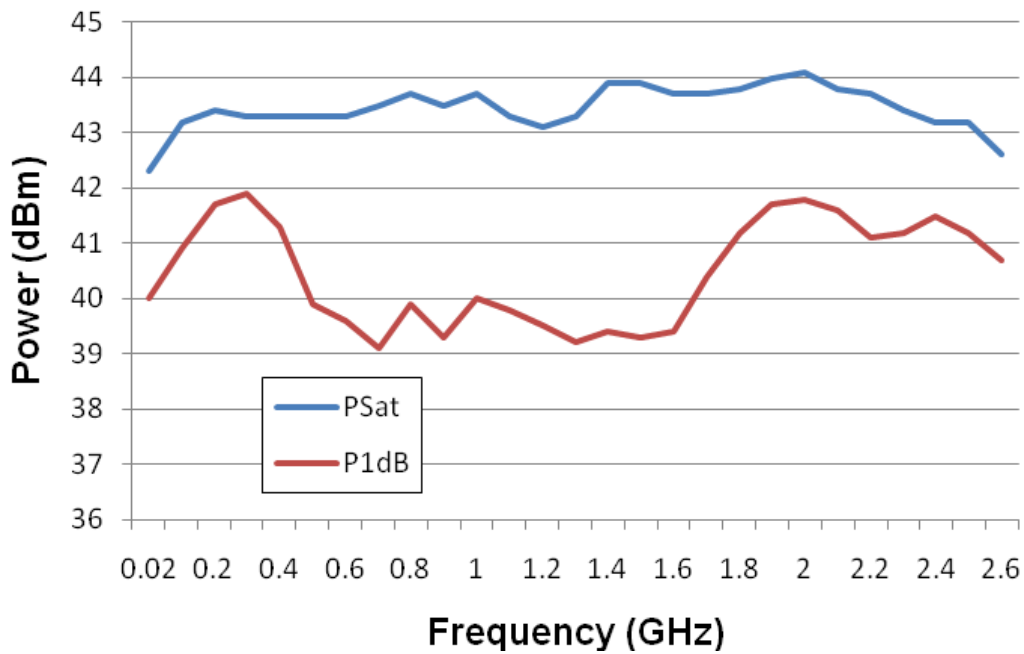
Electrical Parameters	Units	Min.	Typ.	Max.
@28 V, 25° C Baseplate				
Frequency	MHz	20		2500
Gain	dB	42	44	
Gain Variation	±dB		3	
Gain Variation, Over Operating Temp.	±dB		2	
Input VSWR (50 Ohms)			2:1	
Output Power, Saturated	Watts	15	20	
Output Power, 1 dB Compressed	Watts	7	12	
Efficiency (@P _{sat})	%	20	30	
Blanking	TTL	Low=Enable High=Standby		
Blanking (Rise/Fall)	µS		1	
Blanking (Delay)	µS		6	
Voltage	Volts		28	
Quiescent Current	mA		2100	
Standby Current	mA		3	10
Physical Parameters				
Size	In.	1.86 x 5.09 x 0.82		
RF Connectors		SMA (F)		
DC Connectors		Filter Feedthru Solder Terminal		

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Gain (dB)

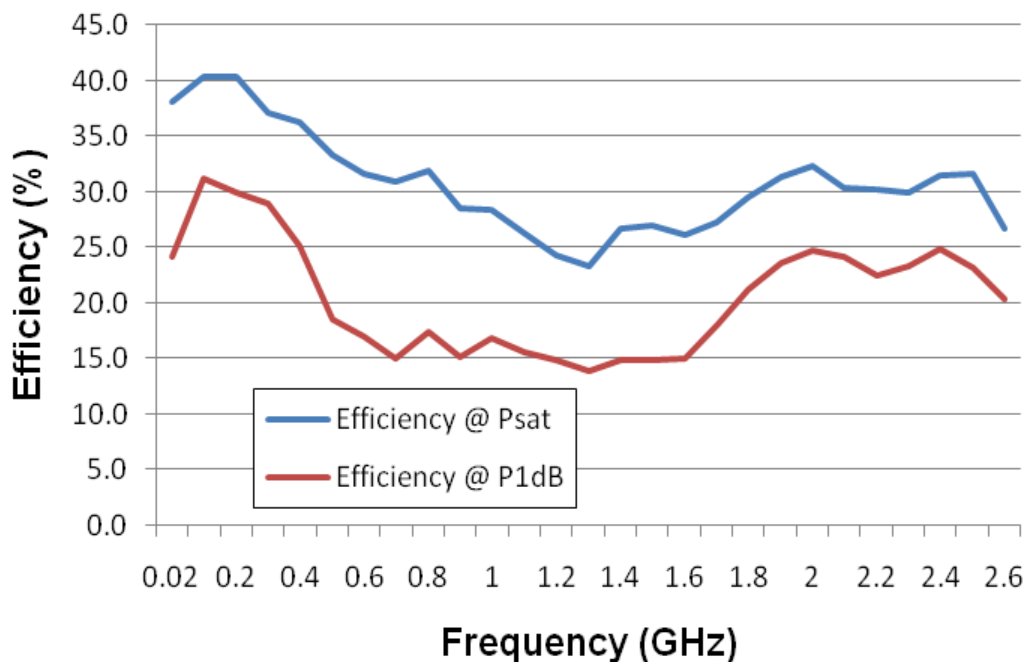


Output Power



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Efficiency



Linearity

