

SS7497-1

20-2500 MHz 20 Watt GaN Power Amplifier

Performance Specifications

Parameter	Units	Min.	Typ.	Max.
Frequency	MHz	20		2500
Gain	dB	45	48	53
Flatness	+/- dB			3
Noise Figure	dB		12	
RF Power				
Saturated	dBm	43		
P1dB	dBm	37		

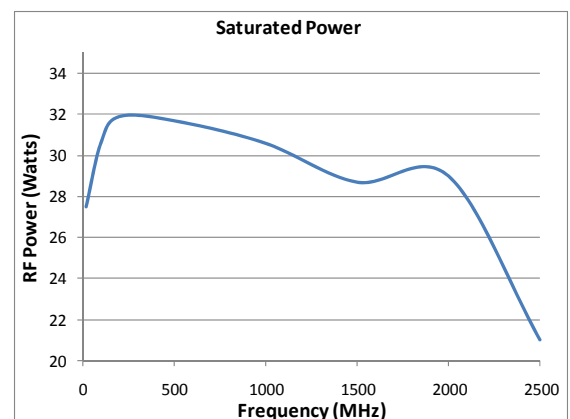
Parameter	Units	Min.	Typ.	Max.
VSWR (In)			1.8:1	2.0:1
Max. Load	VSWR			100:1
Blanking	μ S		1	4
	TTL	Low=Enable High=Standby		
Spurious	dBc			-60
DC Volts	V	26	28	32
DC Current	A		3.2	4.0

Physical

Dimensions	5.09" x 1.86" x 0.82"
RF Connectors	SMA(F) In/Out

Environmental

Temp. Operating	-20° to +70°C
Temp. Storage	-20° to +75°C
Cooling	Conduction




Creative Amplification Products

Phone: +1 805 499 1818
Fax: +1 805 499 6649
E-mail: sales@capwireless.com
Web: www.capwireless.com

990048 Rev. 2

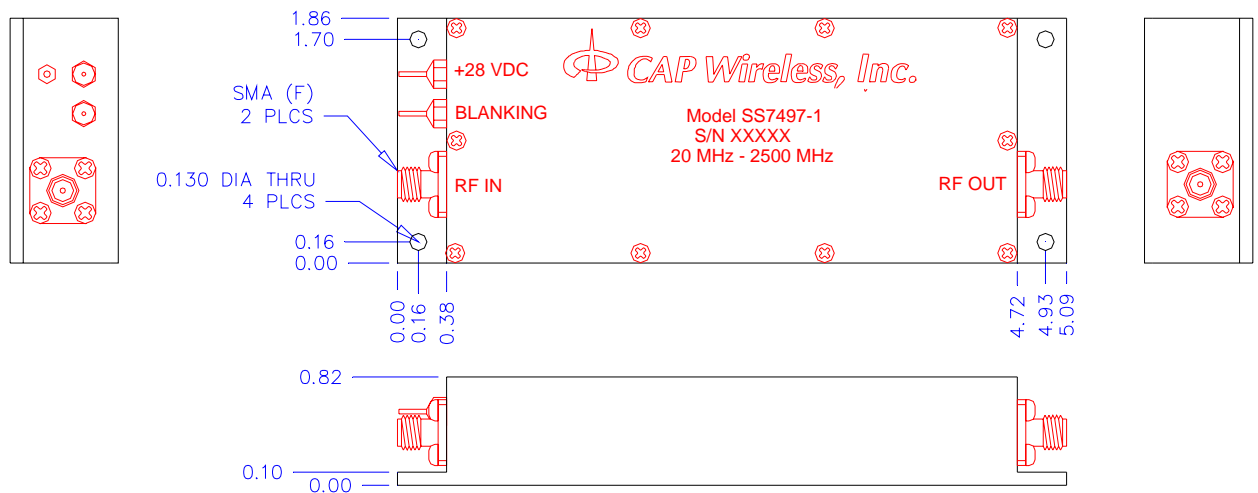
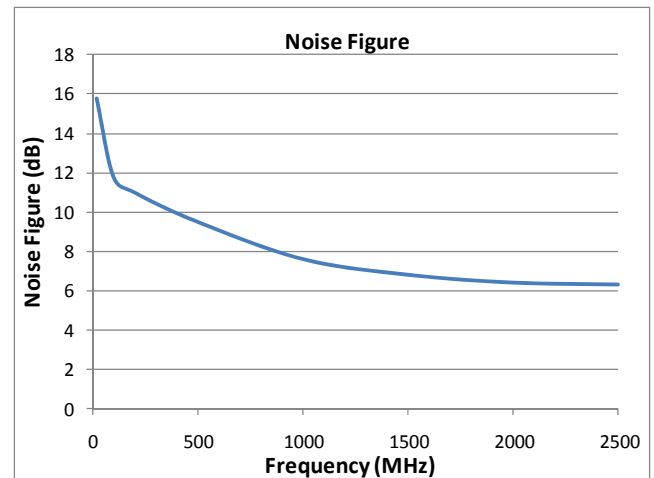
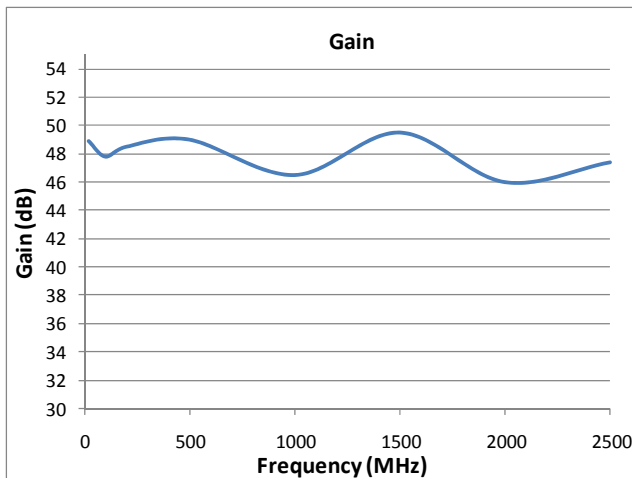
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3235 Grande Vista Drive
Newbury Park, CA 91320

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Typical Performance Plots




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Detail Page 2


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