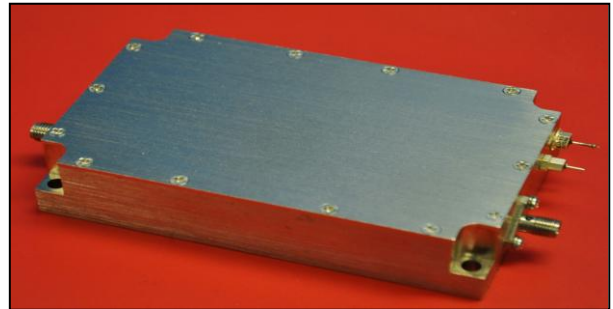


Power RF Amplifier

- * Operating Frequency : 50-400 MHz
- * Power Output: 20 Watts
- * Gain : 45 dB
- * Operation 24 Volts
- * Single, Un-Regulated Supply



Description: 2 Way Radio,Radar,Jammer, Test Instrumentation, All Purpose Power Amp

ELECTRICAL SPECIFICATION @ VDD= +24 VDC Temp. = 25°C, 50Ω System

Parameter	Symbol	Min	Typ	Max	Unit
Operating Frequency	BW	50		400	MHZ
Gain	G	42	45		dB
Gain Flatness	ΔG		± 5	± 1.0	dB
Power Output	P 1 dB	60	65		Watts
Return Loss in/out	S11/S22		1.8:1	2.5:1	Ratio
Operating Voltage	Vdc		24		Volt
Operating Current			5	6.00	A

MECHANICAL SPECIFICATION

Parameter	Description	Limits	Units
Dimension	4x2.5x1.0		inches
RF Connectors IN/OUT	SMA-F		
DC Connector	Filtered DC		

PROTECTIONS

	Max	
RF Input Power	8	dBm
RF Output Power	50	dBm
Load VSWR	5:01	RATIO
Stability	Unconditional	

ENVIROMENTAL CHARACTERISTICS

Parameter	Symbol	Min.	Typ.	Max	Units
Operating Case Temperature	Tc	0		70	°C
Storage Temperature	Tstg	-55		125°C	°C

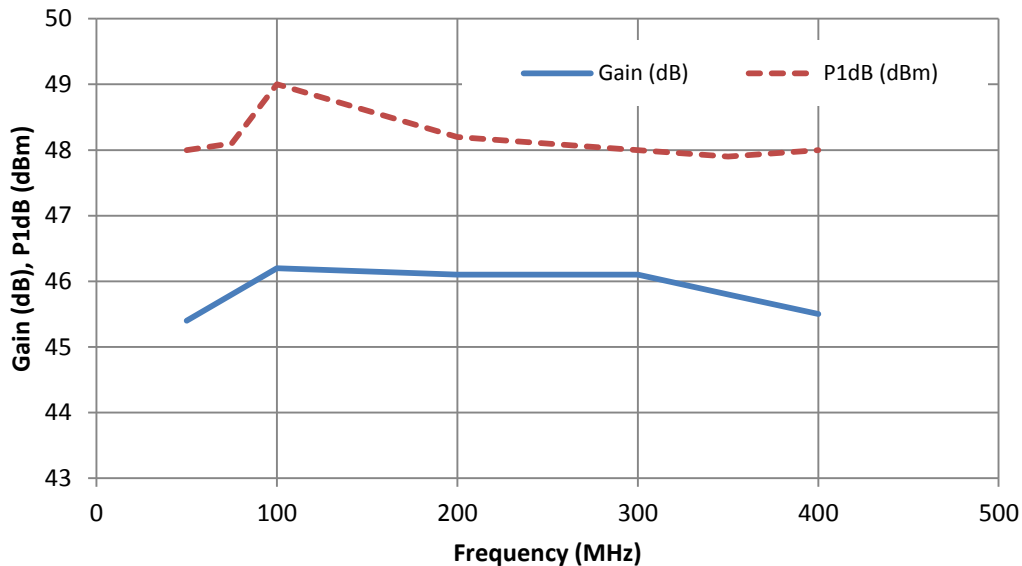
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ASC2375C

Typical Performance



Outline

