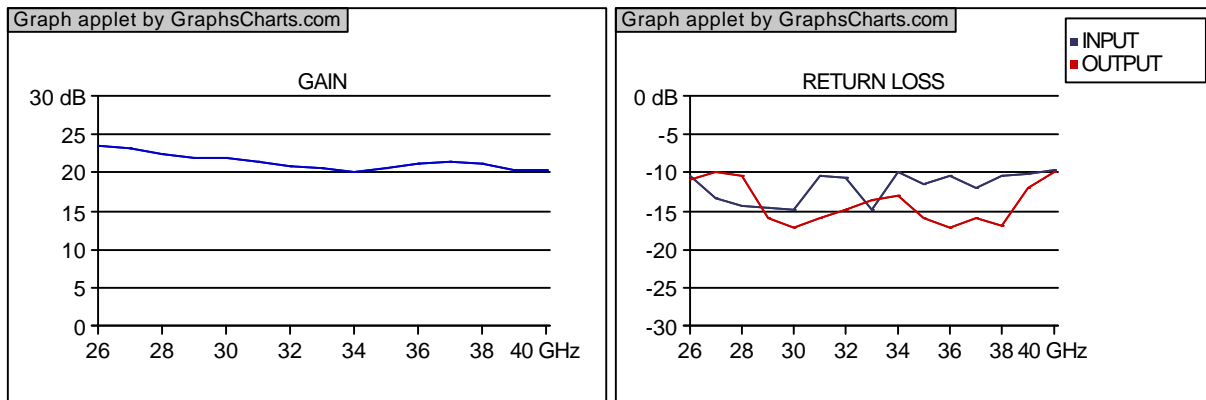


26-40 GHz Broad Band Amplifier**Features:**

- Thin Film Hybrid MIC Process
- Field Replaceable RF Connectors

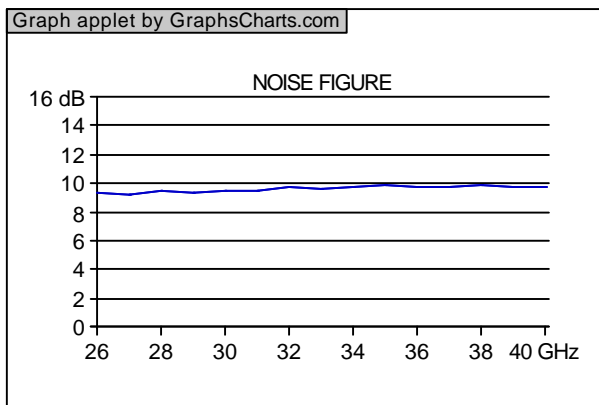
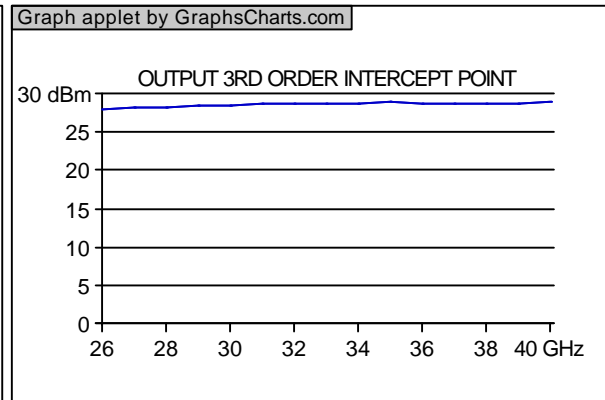
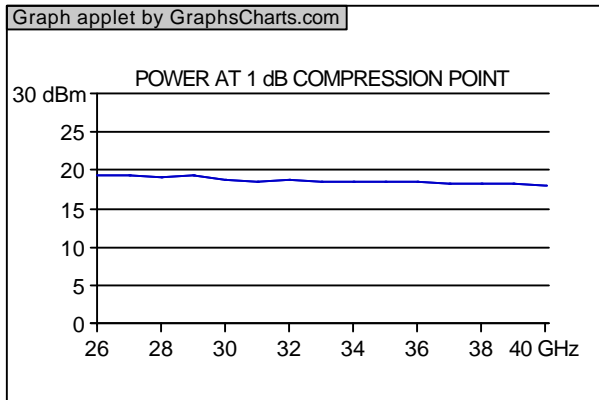
Electrical Performance

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency	26		40	GHz	
Gain	16.5			dB	
Gain Flatness			3	dB(+/-)	
Power @ 1dB Gain Compression Point	15.5	19		dBm	
Output 3rd Order Intercept Point	24	28		dBm	
Noise Figure		9	12	dB	
VSWR Input			2.5		
VSWR Output			2.5		
Maximum Input Power Level without Damage			12	dBm	
DC Supply Voltage	11	12	15	V	
Supplied Current		300	350	mA	

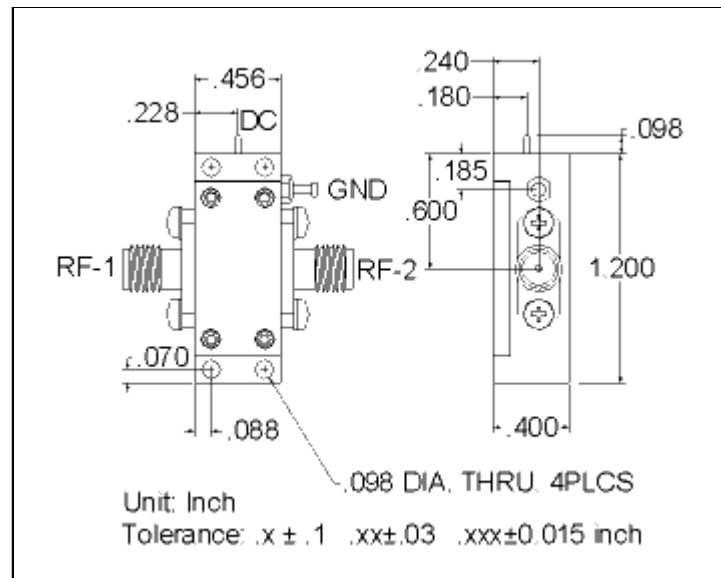
Typical Test Data

Updated: 9/22/2006

26-40 GHz Broad Band Amplifier



Outline Drawing

26-40 GHz Broad Band Amplifier

Connector	Type	Pin #	Pin Name	In/Out	Description
RF-1	K-F	1	IN	I	RF INPUT SIGNAL
RF-2	K-F	1	OUT	O	RF OUTPUT SIGNAL
DC	EMI Filter	1	+12 V	I	DC INPUT (+11 TO +15 V)
GND	GROUND LUG	1	GND	O	GROUND

Updated: 9/22/2006