NIC
NETWORKS INTERNATIONAL CORPORATION

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Wideband Low Noise Amplifiers

SPECIFICATIONS	
Frequency Range	4 GHz - 5 GHz
Gain	23dB Typ
Gain Flatness over 1 GHz BW	± 0.25dB
Noise Figure	0.9dB typ
P1dB	12dBm
VSWR (i/p & o/p)	1.5:1 typ
IP3	+24 dBm typ
Single Supply DC Power	8-20V @ 40mA
Connections (Input/Output)	SMA
Package Size	1.2 x 0.9 x 0.4 inches
Temperature	-40° C to +85° C

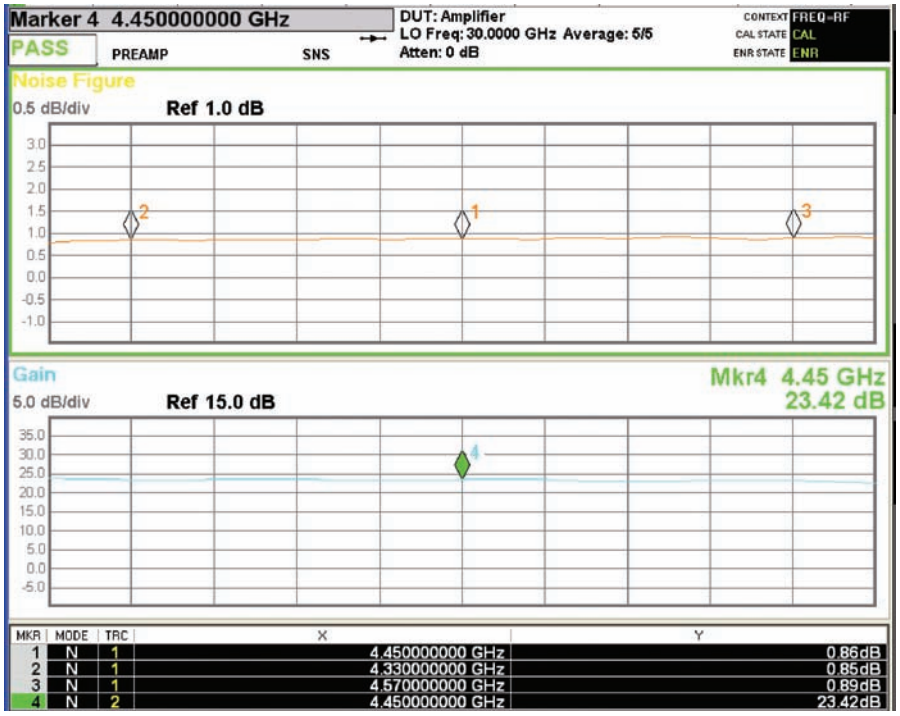
Overview

NIC introduces its Wideband LNA designed for C Band, Radar and Satcom applications. This amplifier operates in the frequency range of 4 GHz - 5 GHz, providing high gain, low Noise Figure and is built in an extremely small package size of 1.2 x 0.9 x 0.4 in.

Features

- High Gain- 23dB typ
- Low Noise Figure- 0.9dB typ
- Custom designs available

Gain & Noise Figure Plot



ISO 9001:2000
AS9100B
CERTIFIED

Datasheet specifications subject to change without notice.