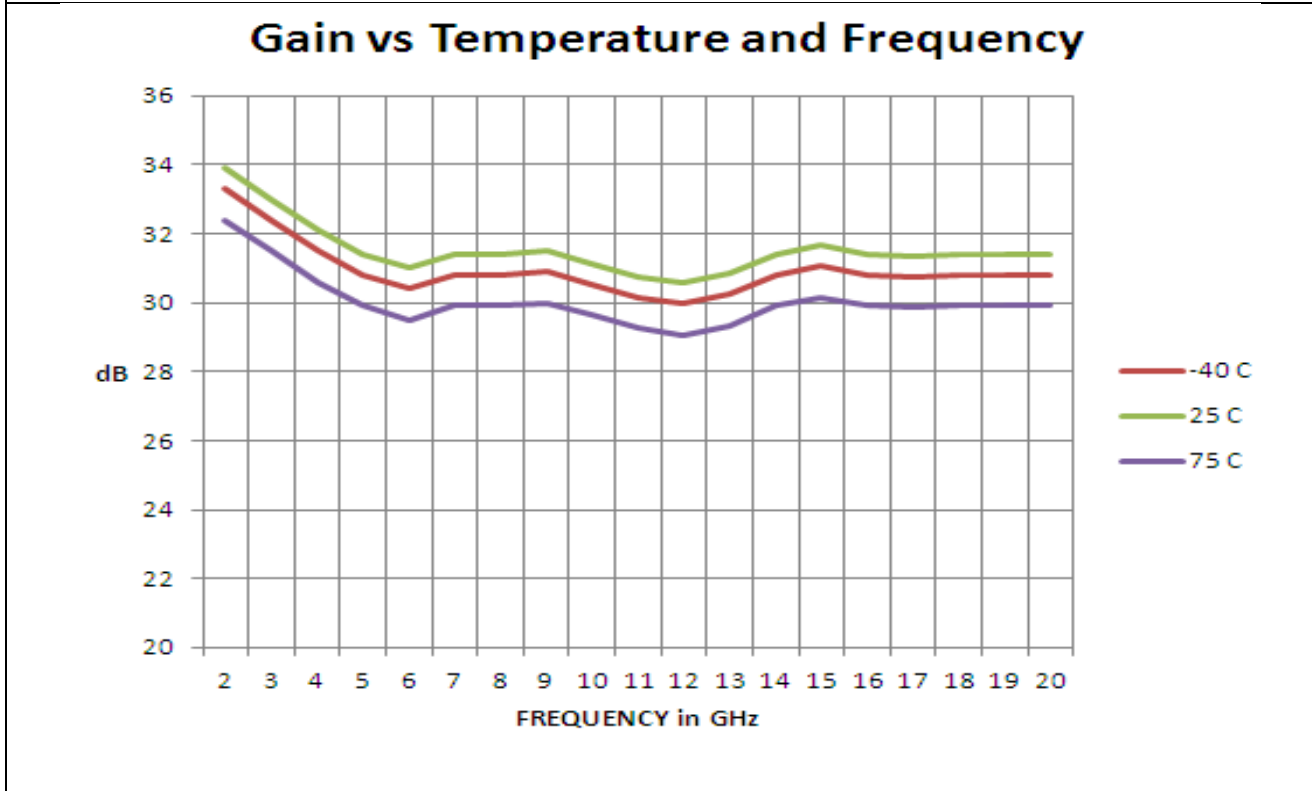
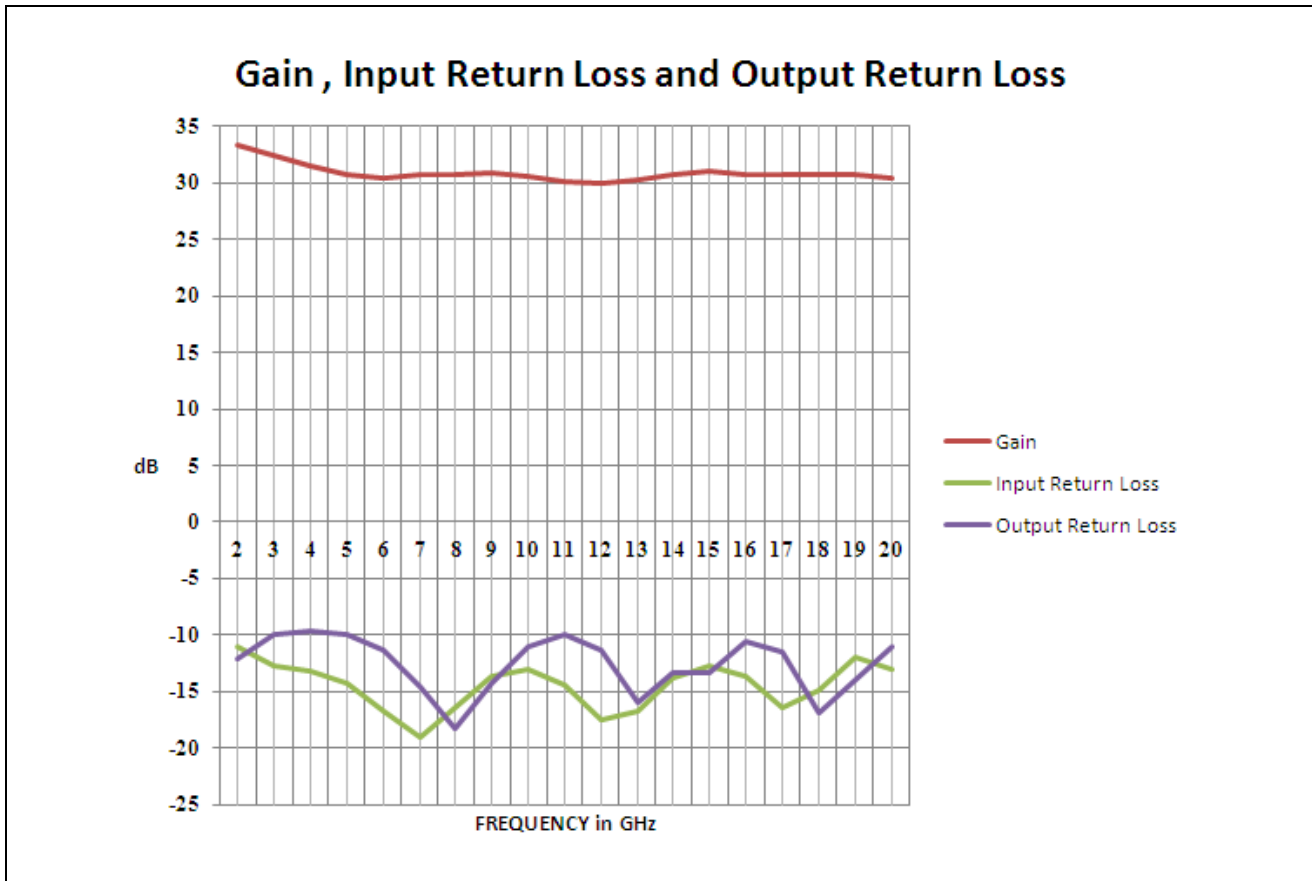
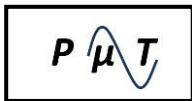


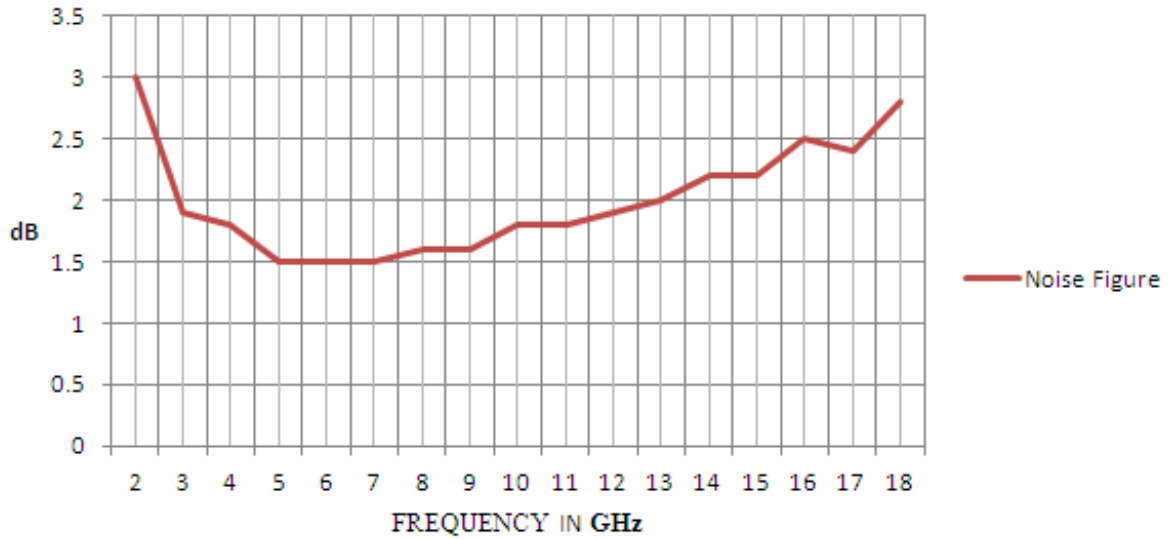


Low Noise Amplifiers 0.05 to 6 GHz NF 4dB Mid Band	PmT-LNA Series Model: PmTA-0506-30-4
FEATURES: <ul style="list-style-type: none"> ■ 0.05 to 6 GHz Frequency Range ■ 30 dB Small Signal Gain ■ Low Noise Figure ■ 50 Ohm Input and Output Matched ■ Internal Voltage Regulation and Bias Sequencing ■ Unconditionally Stable ■ Sealed Module ■ -50°C to 100°C Standard 	
Electrical Specifications (TA=25C)	
Parameters	Specifications
Frequency	0.05 to 6 GHz
Small Signal Gain	30 dB minimum
Gain Flatness	±1.25 dB
Noise Figure	4 dB at mid band
Input Return Loss	-10 dB
Output Return Loss	-10 dB
Pout	18 dB minimum
Operating DC Voltage	12 Volts
Operating DC Current	100 mA
Connectors	SMA Female
DC Connector	Solder in Filter
Absolute Maximum Rating	
DC Voltage	20 Volts
RF Input Power	5 dBm
Operating Temperature	-40 °C to 85 °C
Storage Temperature	-55 °C to 150 °C

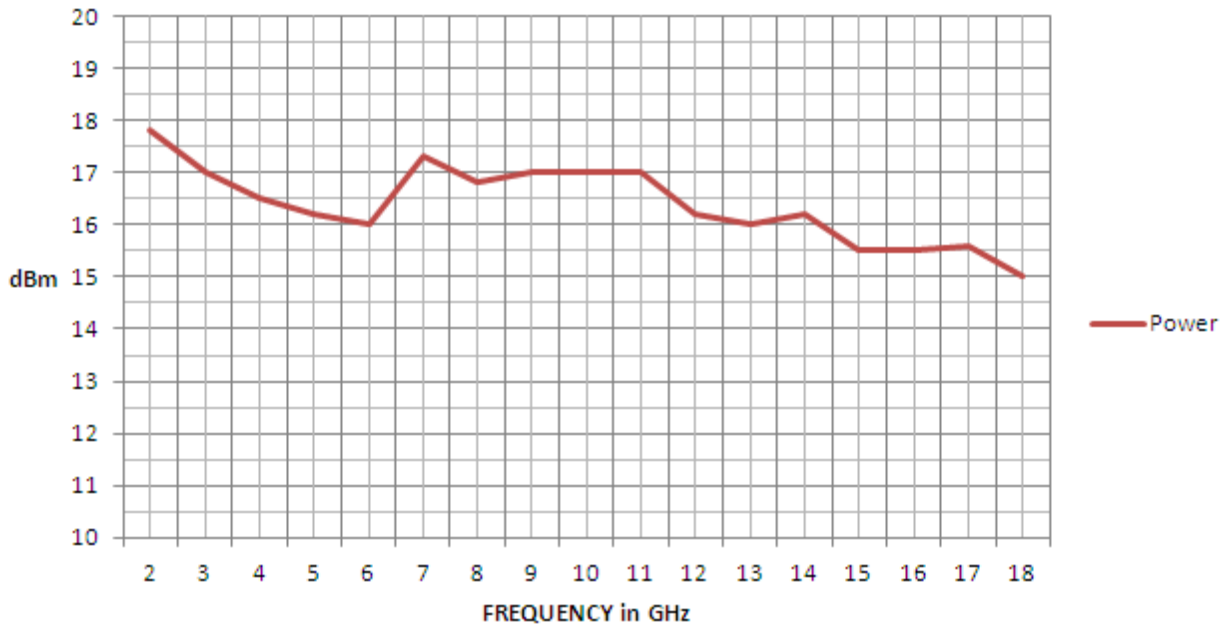


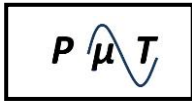


Noise Figure vs. Frequency



Power -1 dB vs Frequency





PRINCETON MICROWAVE TECHNOLOGY INC.
The SOURCE For High Performance Frequency Source

