

## Noise Figure Instrumentation

### **AILTECH 7514** Precision Automatic Noise Figure Indicator

Measures Noise Figure with Accuracy and Resolution... Automatically

- RF Range: 10 MHz to 40 GHz (depending on noise source used)
- Input frequency 30 MHz; 10 to 1000 MHz with options
- Self-Calibration for 10 MHz—40 GHz noise sources
- Noise figure, detector level & ENR meter readings
- Accuracy: to  $\pm 0.05$  dB
- Resolution of 0.02 dB for low noise figures
- Manual noise figure measurement capability

### **AILTECH 13611** Precision Test Receiver

For Series Substitution Noise Figure and Attenuation Measurements:

- Measures Noise Figure to accuracies of better than  $\pm 0.1$  dB
- Measures 10 dB increments of gain/loss to 0.03 dB accuracy
- Useful as a frequency-selective meter over 100 dB dynamic range
- Useful from 10 MHz to 38 GHz with accessory mixer-preamps
- High-level IF output for AFC and phase-lock applications
- Regulated output power for AILTECH 76 Series Solid-State Noise Sources

### **AILTECH 76 Series** Solid State Noise Generators

- Ranges from 10 MHz to 18 GHz
- Four models
- Small, light weight
- Solid state reliability and low power consumption

Coaxial and waveguide gas discharge noise sources available from 200 MHz to 40 GHz.

### **AILTECH 7009** Hot/Cold Standard Noise Generator

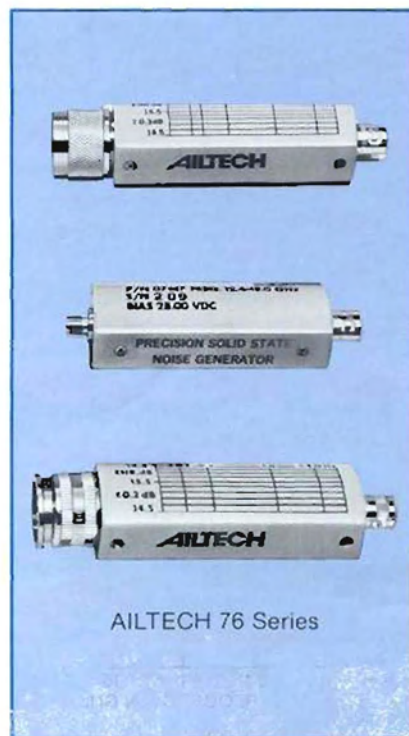
- Accurate noise generation for evaluation of low noise amplifier or receiver noise performance (paramps, TDA's etc.)
- D.C. to 9 GHz frequency range
- $\pm 0.1$  dB measurement accuracy capability



AILTECH 75 Series



AILTECH 13611



AILTECH 76 Series



AILTECH 7009