

## **Nonlinear Network Analysis and Measurement**

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### **ABSTRACT**

A measurement system that enables next generation broadband communications systems is described. The measurements are fully calibrated and are traceable to the national standards laboratories. The system has immediate applications in the deployment of wide-bandwidth, power efficient, low-cost telecommunications infrastructure. It also has potential applications in automotive radar for collision detection, delivery of broadband Internet and high definition TV to homes and other novel applications with large bandwidth requirements.