

June 27th, 2007 12:00 pm - 1:00 pm

CONFERENCE ROOM "B"

7907 PIEDMONT TRIAD PARKWAY (known as packaging building)

RF Micro Devices

GENERATING AND MEASURING ULTRA WIDE BAND AND WIMEDIA PRODUCTS

Marvin LaVoie, Tektronix Inc.

ABSTRACT

Generating and Measuring Ultra Wide Band and WiMedia Products. The presentation will cover the history of UWB and WiMedia and the technical definition of the standards. We will also cover the World Wide Regulatory Activities and discuss the potential applications being developed across the world. We will conclude the presentation by generating Ultra Wide Band signals and displaying measurements using a real time oscilloscope.

BIOGRAPHY:

Marvin LaVoie is a Tektronix Fellow and veteran of 40 years. Marvin has been involved with the evolution of Tektronix equipment from analog oscilloscopes to the high speed real time oscilloscopes of 20GHz bandwidth. Most recently he has worked on UWB and WiMedia standards representing Tektronix solutions. He has participated in all compliance and interoperability events. He is currently contributing to the WiMedia 1.2 Test Specifications.