



The University of Mississippi and Radiance Technologies, Inc.



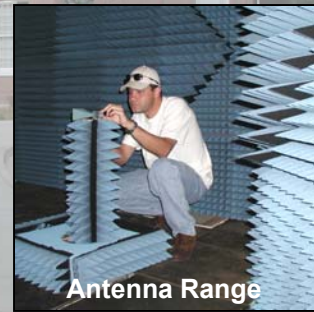
are seeking Graduate
Research Assistants and Research
Engineers to participate in programs to
enhance design and development of
antennas and microwave circuits for
advanced radar and sensor systems.

An opportunity to work while
pursuing an advanced degree in:

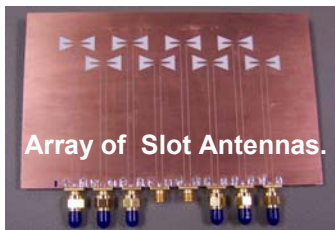
- Advanced Electromagnetics
- Antennas, RCS, and DSP
- Computational Electromagnetics
- Mathematical and Numerical Methods
- Microwave Circuits and Devices
- Microwave Measurements
- Radar



HP8510C

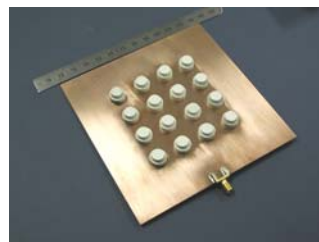


Antenna Range



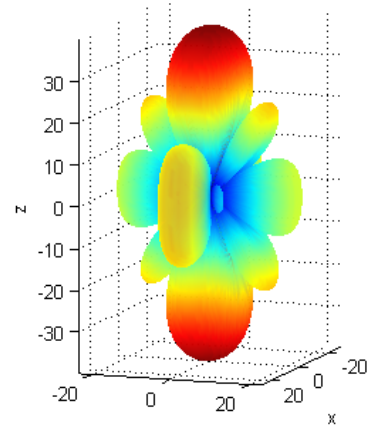
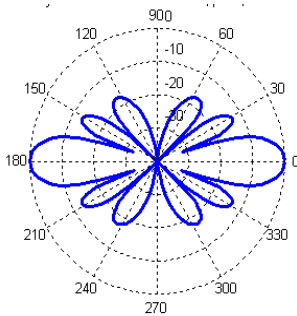
CURRENT RESEARCH ACTIVITIES:

- Radar Power Technology (RPT) Program– U.S.A. SMDC,
- Cylindrical Waveguide-Based Dielectric Resonator Antenna (DRA) for Spatial Power Combiners – NSF,
- Wideband Dielectric Resonator Antennas (DRA) and Phased Array Applications – ARO
- Dielectric Enhanced Sensor Systems (DESS)– U.S.A. SMDC



FACILITIES:

- HP8510C 75 GHz Vector Network Analyzer**
- Cascade Microtek Probing Station**
- HP8530A/8510C 20 GHz Microwave Receiver/VNA)**
- HP8712C 1.3 GHz Network Analyzers**
- LPKF 91s ProtoMat for PCB Board Fabrication**
- MICROPEN Direct Writing Circuit Drawing System**
- Moveable Indoor Antenna Ranges**
- Ground Planes for Impedance/Current Measurements**
- Agilent Advanced Design System (ADS)**
- Ansoft High Frequency Structure Simulator (HFSS)**



For information see <http://www.ee.olemiss.edu> and for consideration, contact or send resume to:

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