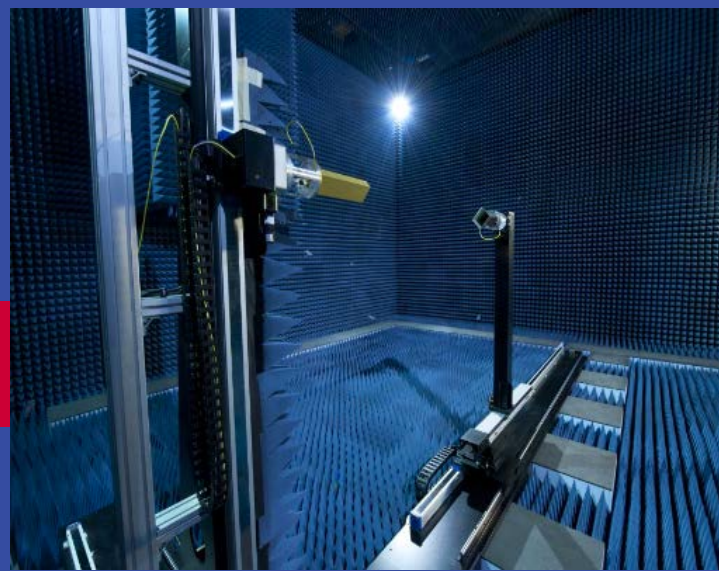




Lyle School of Engineering
Dallas, TX

SMU Antenna Characterization Lab

Next-Level Testing with Precision Equipment

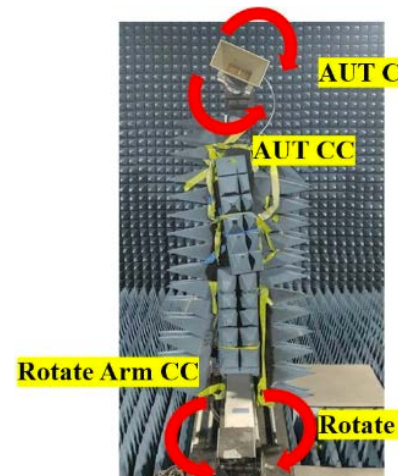


Why choose SMU Antenna Characterization Lab?

Unlock the power of high-precision antenna testing with cutting-edge technology to help you achieve exceptional results for your RF research, antenna development, and measurement needs. Industry-standard equipment and optimized testing environment allows precise antenna characterization.

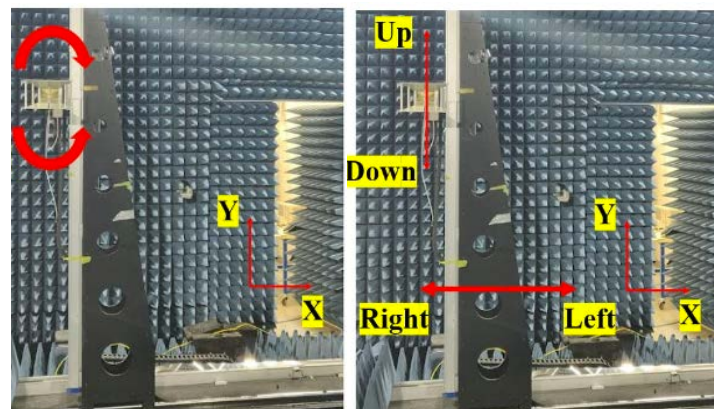
What You Get:

- **Advanced Equipment:**
Allwave Hybrid Near-Field System, Agilent E8361C Network Analyzer, and Integrated Power Amplifier
Customizable options for diverse antenna types
- **High-Precision Environment:**
State-of-the-art anechoic chamber
Automated data processing & real-time analysis
- **Comprehensive Data Tools:**
Capture far-field patterns, gain, and polarization
Export data in .DF1 or .CSV for further analysis



Facilities Overview:

- Far-Field Radiation Pattern Testing (30' x 30' x 25')
- Gain Measurements (Co-pol & X-pol)
- Phase Center Calibration
- Flexible Frequency (0.6 – 40 GHz) & Power Analysis



Contact: antennalab@smu.edu