

Electronics Design Centre

Performing cutting-edge fundamental and commercially driven research in electronic devices and circuits, RF and microwave integrated circuits since January 2011

Mission

- Ultimate miniaturization
- Increased functionality
- Enhanced bandwidth
- Improved efficiency

Projects

- RF Low Noise Amplifiers
- Flexible Power Amplifiers
- Wide Bandgap (SiC, GaN and ZnO) Semiconductor Based Electronic and Photonic Devices

Facilities

- Vector Network Analyzer
- Signal Generators
- Spectrum Analyzer
- Probe Station
- Keithley 4200 (SCS)
- Software:
 - ✓ Sonnet
 - ✓ Cadence
 - ✓ Mentor Graphics
 - ✓ MicroTech (TCAD)

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