

## Lab Feature

Electroceramics Laboratory focuses on the design, manufacturing and miniaturization of thin film bulk acoustic wave (TFBAR) devices and surface acoustic wave (SAW) devices to promote the high-frequency applications of acoustic wave devices in 5G communications.

## **Research Topics**

- Design of high frequency wireless communication devices
- Fabrication of piezoelectric thin films (ZnO, AlN, ScAlN and AlGaN)
- Materials and frequency response analysis

## Projects

- ► Thin Film Bulk Acoustic Resonator/Filter Devices
- Surface Acoustic Wave Resonator/Filter Devices

## NONE SEI 10.04V 300,000 100mm W0770mm





