

High-Impact Discovery

- A Revolutionary Breakthrough in Antennas -

ERC for Translational Applications of Nanoscale Multiferroic Systems (TANMS), based at UCLA – A new class of devices called multiferroic antennas will revolutionize the state of the art in wireless communications

The TANMS antenna (top left) is much smaller than conventional designs. Top right: the measured radiated data. Bottom: a cross-section view as well as the operating principles of converting mechanical waves into electromagnetic radiation

