



RESEARCH ROADMAP

Prior to the establishment of the Wireless Communication and Electromagnetic Compatibility Research Center, there are three senior EM professors at National Taiwan University of Science and Technology, engaging in developing z-Domain techniques for microwave components, ray-tracing algorithm for urban/suburb EM propagation, and mobile antenna designs. From 2005 to 2007, the addition of five young professors rapidly boosts this research center as one of the top EM groups in Taiwan. Through the years, a variety of research topics, with plenty of diversity and fruitful achievements, were conducted by the professors. Currently, we are one of the leading EM research groups in RFID and IoT in Taiwan. In addition, a number of fine works, relating to circuit miniaturizations, RFICs with advanced techniques, innovative antenna arrays, package-related topics, novel oscillating circuits, and etc. have been published in the first-tier IEEE transactions and letters.

In the future, we will still keep a tight relationship with the industries to deliver high quality application-oriented research results through industrial-academic cooperation. At the same time, we will continue delivering excellent academic research works and high quality human resource with practical RF engineering experience.

