

15RPT01 RFMICROWAVE Workshop

Radio frequency (RF) and microwave field has undergone revolutionary changes in the last 40 years. Today, RF and microwave (RF&MW) technology is more pervasive than ever. This is especially true for commercial markets, where modern applications include cellular and smart phones, wireless networking, direct broadcast satellite, television, global positioning systems, wideband radio and radar systems, microwave remote sensing systems for environment, biomedical and healthcare applications, just to name a few. In brief, new technologies in health, energy, security, environment, industry and communication fields which use RF and microwave techniques require novel measurement methods and devices. The research and development in RF and microwave technology still continue with ever-increasing demands from industry. New devices and instruments which bring new challenges to the underpinning metrology play a critical role for advancing technologies. S-parameter measurements, RF power measurements and EMC tests and calibrations are important areas in microwave metrology to ensure and increase product quality and to create end user confidence.

On the behalf of the European Metrology Program for Innovation and Research program supported by the European Commission, under the coordination of TÜBİTAK UME, CMI - Czech Republic, GUM-Poland, INTA- Spain, SIQ-Slovenia, RISE-Sweden, NIS- Egypt, NQIS-Greece, UPC-Spain, METAS-Switzerland, together with 15RPT01 RFMicrowave coded and “Development of RF and Microwave Metrology Capability” project is being carried out. With this project, it is aimed to develop the abilities of the partners in S-parameter measurements, RF power measurements and EMC tests and calibrations and to transfer the information to the end user.

A one-day workshop will be held on **25 April 2019** at TÜBİTAK UME to discuss the works and outputs presented within the scope of the project and to discuss the opinions and suggestions of the participants. Participation is free of charge and registration is required. The last day of registration is **5 April 2019** and your requests for participation must be notified to handan.sakarya@tubitak.gov.tr.