

IDE LAB.

Delivering Power and Data over the Air



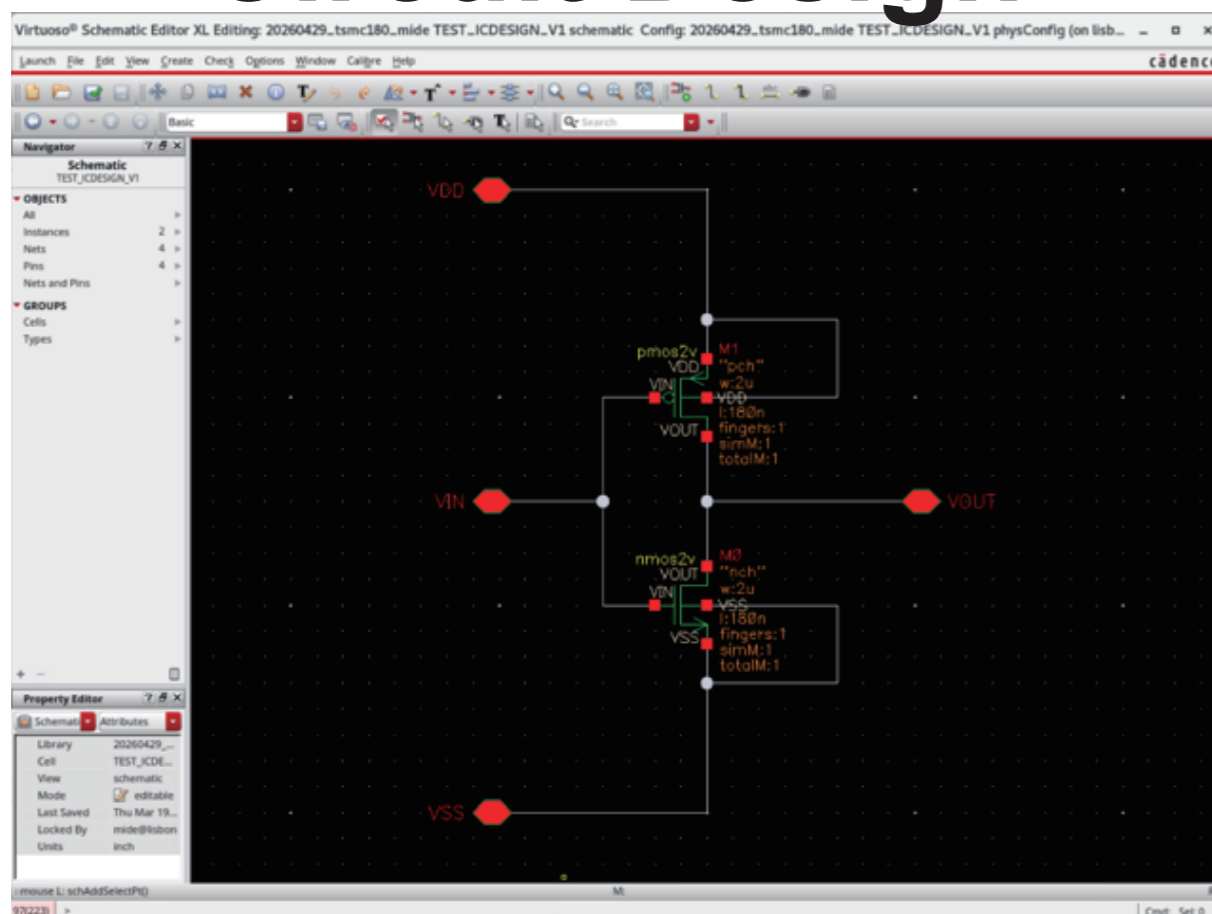
Department of Informatics and Electronics

Integrated Circuits for Wireless Systems

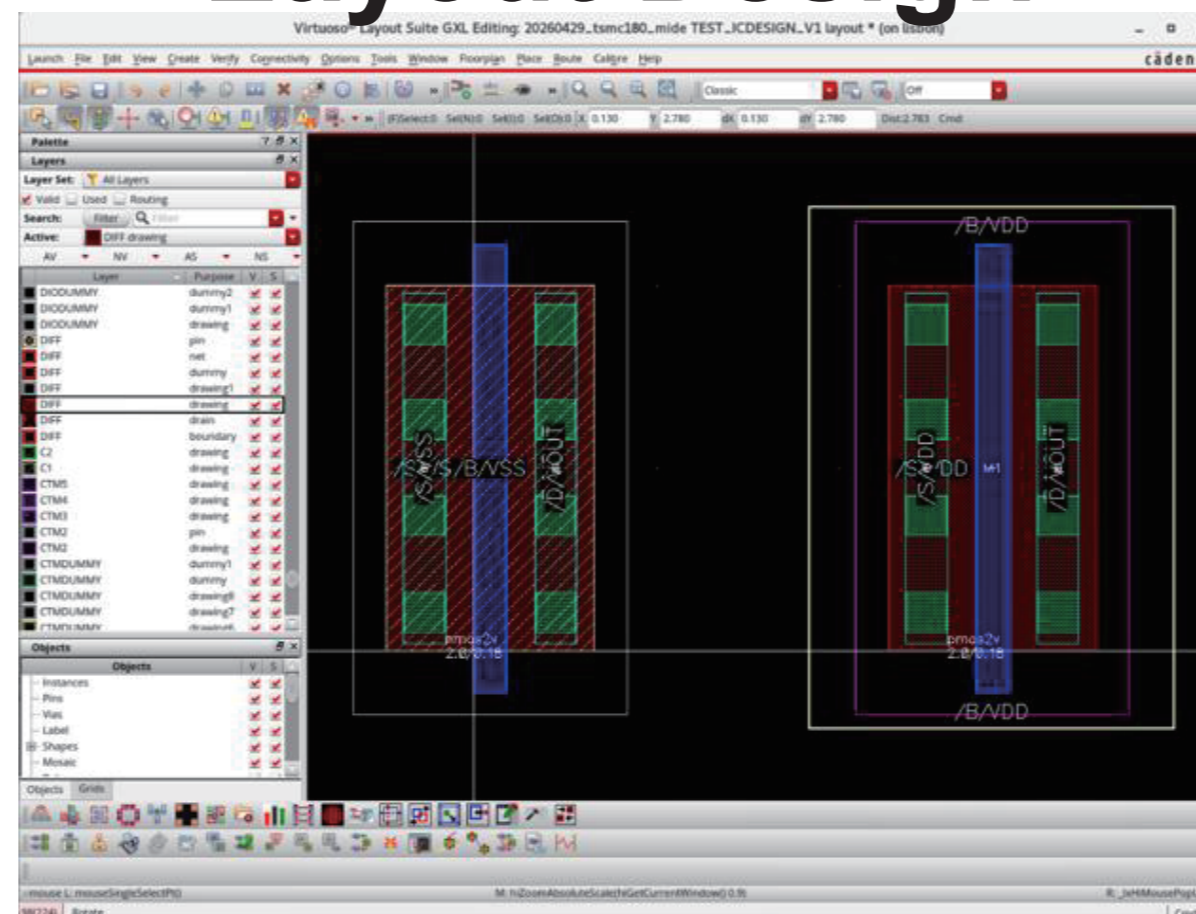
Department of Electrical Engineering and Information Systems, Graduate School of Engineering

Wireless technology can deliver not only data, but also power and control signals. By removing the constraints of physical wiring, entirely new systems become possible. We design IC chips driven by real-world application challenges and evaluate them over the air — an end-to-end approach to integrated wireless systems.

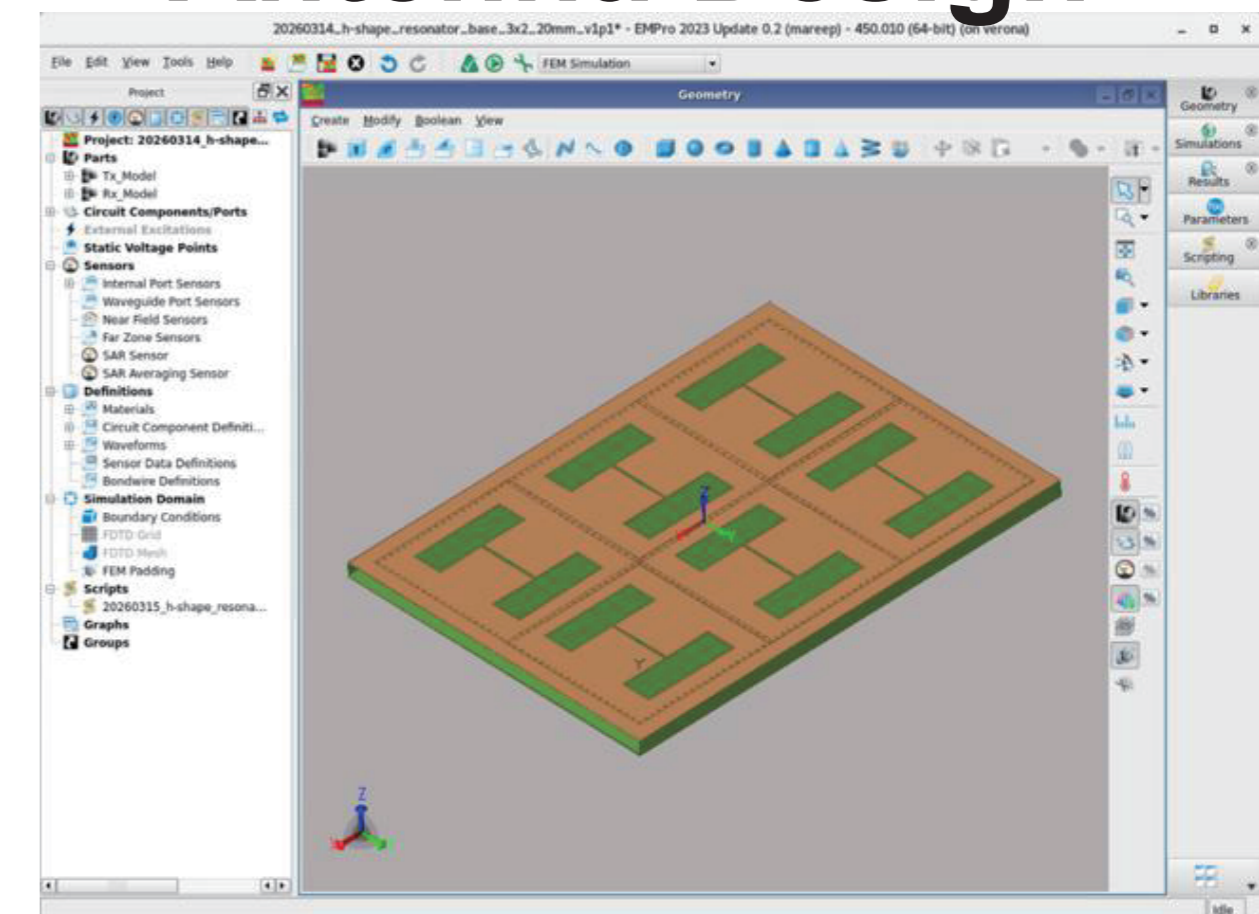
Circuit Design



Layout Design



Antenna Design



Meas.

