

Systèmes échantillonnés



Présentation

Description

Design of an RF Rx/TX system using planar technology: 6GHz to 4GHz transponder.

Students are responsible for developing equipment that will be integrated into the overall system. All functions will be developed entirely from the definition of specifications to their physical realization and characterization.

The various pieces of equipment produced are:

- Antennas
- Preselection filters
- IF filters
- Image filters
- Amplifiers: LNA, LLA, MLA
- Mixers
- Oscillators
- Duplexer