

Récepteurs



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

> **Code:** N7EN03B

Presentation

Objectives

- understand the issues of time-frequency-phase synchronization and channel estimation in a receiver
 - understand the block diagram of a receiver
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Description

This section is devoted to an introduction to digital receivers :

- need for time-frequency synchronization (+ phase in the Gaussian channel) and channel estimation
 - block diagram of a satellite receiver
 - channel estimation (single and multi-carrier)
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Pre-requisites

Digital communications (UE N6EN02 "Telecommunications" or equivalent)

Useful info

Place

› Toulouse