

In this document I make a study of third mobiles generation systems . At first I will center the study in the objectives and main characteristic of this generation, then , I will center the study in the different systems of third generation, especially in UMTS and Cdma2000.

After I did a dedicate study of the European system UMTS (based on WCDMA) studying the most important functions, the architecture and the main operations.

I will continue, making a small analisi of the Cdma2000 system, I coment a main characteristics.

Once analyzed the two systems of third generation to concluded I will make a small comparison among the two systems commenting their similarities and their differences.