This project is set among a group which have the objective to developed perception quality studies for different kinds of services offered in a third generation mobile phone net. These studies have the same real time UMTS simulation platform and it allow us to evaluate the behavior, in terms of quality of service, of the difference multimedia applications.

The main important part of this document is the detection and the analysis of the quality level obtained through the MOS qualifications in the process. It has been divided in three different parts. The first one is a theoretical study of de UMTS capacity. The second contains all the sequential processes to obtain results. Some of the applications used in the global system have been perfection when they had a wrong function, like Syncok2. In the third and the last part we found the code of this application.

The methods of objective perception quality, like PESQ, take an important part in this kind of projects, making them faster, cheaper and getting more number of results.