

Video MOS in Ascom's QVoice Video Telephony Test System

The cellular network measurement tool QVoice from the Swiss company Ascom is used by more than 170 cellular operators worldwide, in more than 60 countries. QVoice uses the video algorithm PEVQ from OPTICOM for

its video telephony testing and the algorithm delivers very accurate video MOS and other results. PEVQ takes as input the video signal electronically captured by QVoice, and gives results online. This capability enables the cellular operators to access/benchmark their network and service performance, and pin-point all the relevant issues in loading, performance and subscriber experience.

In addition to the Video MOS, some other video metrics like blockiness, jerkiness, blur, PSNR and so on are also delivered by PEVQ. Video quality results are evaluated on the Symphony equipment itself. This allows an online view of the results during

drive tests and a very compact format of the measurement data. There is also the possibility of live recording the full video sequences of poor quality for further examination with the post-processing tools.

The logo for Ascom, consisting of the word "ascom" in a bold, lowercase, orange sans-serif font.

Please find out more at the 3GSM Congress 2007, booth no. 1C05 or under www.ascom.ch.

