

New developments in mobile phone testing

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A comprehensive speech quality test of mobile phones needs to cover all conversational aspects. The single talk situation in both directions needs to be addressed; echo and double talk performance tests are necessary and the quality of background noise transmission. Today's speech quality tests are suitable to measure the performance of mobile phones in detail and to provide the necessary information for quality improvement. However, new developments in mobile phone testing extend this field by applying more perception oriented analysis methods. The intention is not to substitute the technical analysis methods available today, it more a completion by linking the technical parameters to perception adequate analyses. The combination of these measurements is discussed in this contribution. Practical examples are shown.