

MultiDSL Lab and Field Test system

Even in the age of the smartphone, poor or speech quality quickly causes dissatisfaction.

Manufacturers and network operators have a critical interest in optimising performance and maintaining user satisfaction.

What are the limits of user acceptance? What constitutes "good" performance? Subjective testing provides accurate answers to these questions, but is a lengthy and expensive process.

The ITU has standardised ITU-T Rec. P.863, Perceptual Objective Listening Quality Analysis (POLQA). When combined with a high quality test system, POLQA provides realistic predictions of customers' experience of today's technology, and of emerging technologies.

Opale Systems Lab and field test systems deliver reliable indicators of performance. They are used during installation, commissioning and acceptance testing of wireless networks and in operational networks.

Drive Test Applications

MultiDSL drive test systems with GPS provide a full range of performance measurements, including:

- Speech quality score (POLQA, PESQ)
- One-way delay
- Speech level
- Noise level
- GPS location
- GPS time
- Uplink/downlink analysis



Key features

- Excellent performance/cost ratio
- Support for narrowband, wideband and super-wideband speech
- ITU speech quality metrics POLQA and PESQ
- Measure in the lab and in the field using the same system
- Speaking results/prompts – to alert the driver safely
- You own the whole test system - no service charges
- **Smartphone Control** feature takes care of call set-up and clear-down
- Precise control over speech levels with a configuration for each handset model
- GPS time/location with data export configurable for mapping engines – e.g. Google Earth
- Simple and flexible test design for special purposes
- Opale Systems – the trusted leader in speech quality analysis



