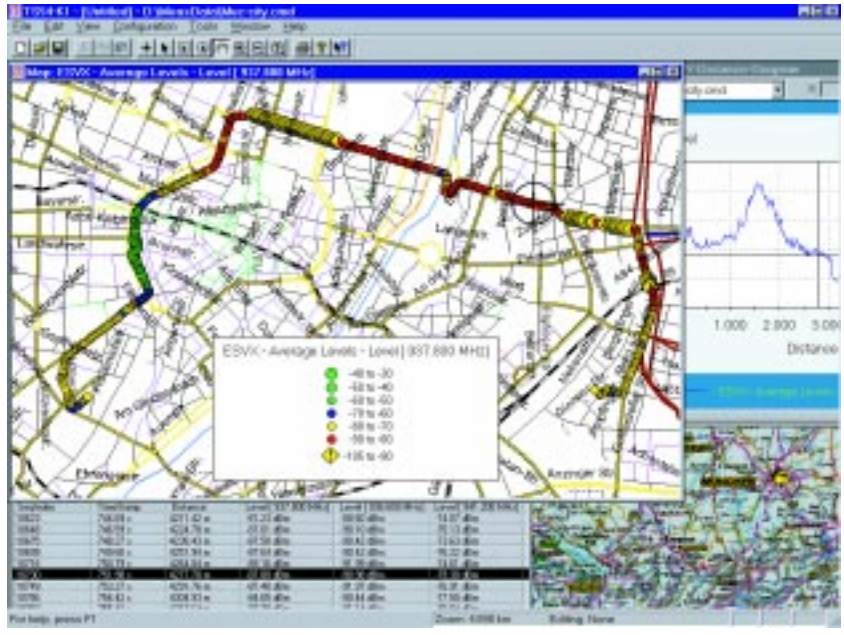
Evaluation Software ROSEVAL

High-performance evaluation software for field-strength analysis



Graphical representation of RxLev and RxQual along a route

Brief description

The high-performance Evaluation Software TS9954 "Roseval" (**Ro**hde & **S**chwarz **eval**uation software) is an excellent tool for analyzing all measurement data from data collection systems (Rohde & Schwarz Systems TS9951 or TS9955) by means of different methods.

With the aid of this software the user can ensure high network quality during the installation, optimization, service and maintenance of his network. As a Windows application it can easily be handled and installed on a standard PC. The concept is modular and adaptable to the most familiar digital networks like GSM, ETACS, CDMA.

As a subunit the well-known GIS software MAPINFO is used for geographical evaluations. The full power of this embedded software is open for designing new customer-specific layers.

Main features

- Generation of structured meta files
- Highly effective evaluation through the use of filtered and selected data
- Efficient file management of measurement data (central server)
- Fast access to all local temporary data
- Freely definable legends and comments
- Selection and evaluation of multiple measurement files in database only limited by system resources
- Exact reference of measured points to the measurement device they originate from
- Statistical evaluation and area data mapping
- Wide range of attributes assignable to each signal (colour, icons, pattern, ranges) to get the most efficient visualization of parameters
- SQL (structured query language) data selection and evaluation
- User-definable derived signals
- Global data selection (interactive and SQL)
- No special expensive hardware is needed (PC/486, recommended Pentium class 166 MHz or better)

Available technologies

The most important digital network technologies and Rohde & Schwarz Test Receivers ESVx are supported.

- CW, Field-Strength Test Receiver ESVx
- GSM900/1800/1900 test mobiles, signalling
- ETACS test mobile, signalling
- CDMA test mobile, signalling
- CIR (channel impulse response) analysis
- C/I (carrier/interference ratio)
- AMP5/NAMP5