

GSM Survey Logger

Logs signal strength from available networks

Technical Note IXD-609-TN Issue 1

The GSM Survey Logger monitors available GSM base station signals such that the optimum service provider and location can be selected for Primayer's *XiLog*, *XiLog.wmr* or *Phocus.sms* range of remote logging devices.

Applications

- Site surveys prior to deployment of data or leak detection loggers to ensure reliable GSM signal operation
- Investigation of missing messages and poor data reception
- Test with internal or remote antennas

Operation

Easy to use software enables programming, data retrieval, data storage and viewing. There are three modes of operation:

- Real-time
- Snapshot
- Logging

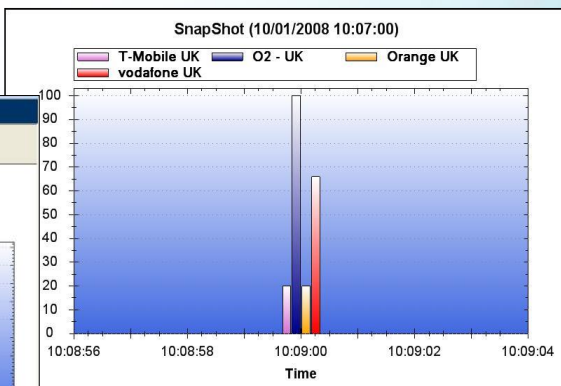
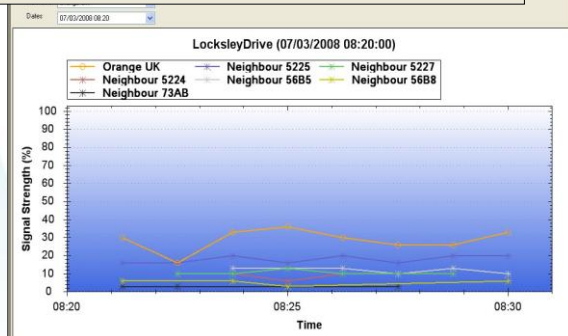
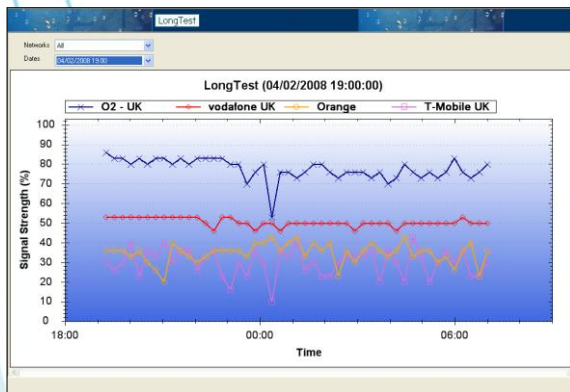


The *Real-time* mode is useful to view the current GSM network availability and signal strength above ground. The *Snapshot* mode allows quick logging for assessment of signal availability below ground. The *Logging* mode allows for deployment for a period, such as overnight or several days, thus providing a real in-situ operational test. Either single or multiple network modes can be selected.

Survey information is displayed in graphical format and can be printed and saved

◀ Overnight logging

▼ Snapshot mode



◀ Logging available network cells to assess cell redundancy



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