

DATASHEET

CellCheck™: Cell phone Service Monitoring System



CellCheck™ is a service-monitoring tool to analyze the performance of cellular telephone systems. It can be used to measure the signal strength of any channel (voice or control) from the cell site. This feature gives the user the ability to map out and verify the coverage area of a cell site.

In addition, a "quick scan" can be made of all the channels, so that the signal strengths of nearby cell sites can be compared. The control word error rate measurement allows for the detection of interference or fade-out in the signal. CellCheck™ has a compact receiver module that works in conjunction with a notebook or desktop computer with MS-DOS.

Applications:

General and specific monitoring
Mapping out and verifying cell service coverage
Quick scan of signal strength of nearby cell sites

Features and Benefits:

RSSI (Signal Strength) Map
Calculates control word error rate
Control Channel display and monitoring
Data logging to disk
Operates on batteries
Up to 500 search numbers
Displays DCC for control channels

Displays SAT for voice channels
Process even and odd data streams
Compact receiver module that works in conjunction with a notebook or desktop computer with MS-DOS

Architect Specifications:

The unit shall consist of a compact receiver module that works in conjunction with a notebook or desktop computer with MS-DOS. It shall have a RSSI (Signal Strength) Map. It shall calculate control word error rate. It shall control channel display and monitoring. It shall data log to a disk and operation on batteries. It shall be able to search 500 numbers. It shall display DCC for control channels and SAT for voice channels. It shall process even and odd data streams. It shall be able to map out and verify cell service coverage. It shall be able to do a quick scan of nearby cell sites.

The unit shall be a Pragmatic CellCheck™.

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