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Press Release

Signalion delivers LTE network tester with CPRI interface

Dresden, Germany

Signalion GmbH announced today that it has started shipping equipment for testing LTE eNodeB network elements via the quasi-standardized CPRI interface.

The Common Public Radio Interface (CPRI) standard defines an interface for base stations between the baseband processing unit and local or remote radio units, known as Remote Radio Heads. The digital CPRI interface is increasing in popularity as a replacement of expensive RF-connections between antennas and the base station. Signalion's SORBAS series of UE-simulators (Test-UEs) is the first equipment on the market that enables base station developers to perform functional as well as load tests of their eNodeB products by using CPRI as well as RF connections for various frequency bands.

The many different options for multi-antenna processing that are part of the 3GPP-LTE standard make it difficult and costly to perform all tests and measurements using RF-connections. The digital CPRI connections – as well as the comparable OBSAI connections - avoid costly RF-interconnect networks that would be necessary to connect the varying numbers of transmit and receive antennas and thus make testing easier and more reliable.

"We are delighted to be able to meet our customer requirements by being first in the market with providing CPRI support for our test systems. This feature has been an urgent customer request and its short term availability for the Sorbas platform is a clear statement that underlines Signalion's focus on customer needs", said Matthias Stege, Director Marketing and Sales. "Providing CPRI in our LTE test solutions is a unique advantage of Signalion's LTE infrastructure test solutions."

Signalion is an established provider of air-interface diagnostics solutions for 3GPP-LTE. Having introduced the first LTE test-UE to the market, Signalion is a pioneer in providing new features and solutions in the context of LTE infrastructure testing.

The company combines the unique experience of many years of wireless research, algorithm implementation, and leading edge wireless system development.

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