PRODUCT SHEET

LTE Data Performance testing with SAS

LTE promises an enhanced user experience, with data speeds on a par with fixed-line broadband. Anite's SAS addresses the need to assess the data performance of LTE devices before these reach mobile network users.

Best-in-class solution for LTE data performance testing

SAS is an easy-to-use network simulator that enables you to accelerate the time to market new devices in a cost-effective way. SAS is the solution that Top-10 device manufacturers and Tier-1 network operators trust for mobile device acceptance and interoperability testing.

Building on its inherent capability to support data performance testing, SAS can also be used with a system add-on for tests requiring channel emulation (RF fading). By integrating SAS with an advanced channel emulator – such as Azimuth Systems' ACE MX – the data performance of LTE devices can now be assessed based on the acceptance requirements of leading LTE operators.

Key benefits of the SAS LTE data performance solution
SAS is the versatile solution that supports the largest number of tests for Tier-1 network operator acceptance programmes. Users of SAS have seen substantial benefits in terms of testing efficiency, cost savings and competitive advantage.

By considering SAS for LTE data performance testing, you can maximise your return on investment through:

- Using the unique SAS testing environment, to accelerate LTE device testing and get new devices to market more quickly
- Getting even more value from SAS, to run tests based on the LTE data performance requirements of leading LTE operators with a cost-effective system add-on
- Making use of a powerful network simulator solution for realistic signalling and data performance tests, to enhance the quality of launched LTE devices.

''Test the signalling and data behavior of LTE devices in a faster, more scalable and cost effective fashion''

Peter M. Paglia, Senior VP Field Operations

Anite

Anite facts

- Global leader in wireless testing solutions for twenty years
- Over 200 customers in 85 countries
- With offices and staff in 13 countries across Europe, America, Asia and the Middle East, we're always on the ground where you need us
- We invest heavily in R&D to maintain our leading position in wireless mobile device testing
- Trusted partner of the Top Ten mobile manufacturers and Tier One mobile network operators globally.

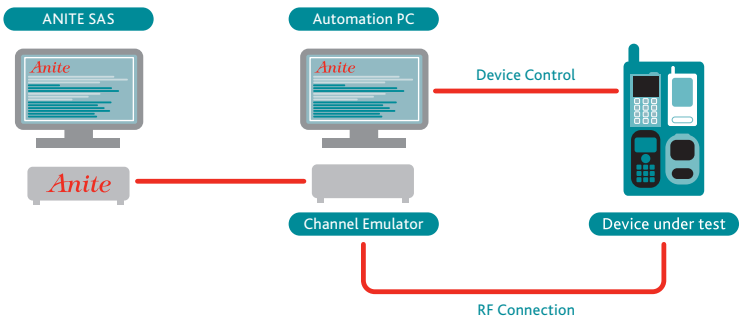
KEY FEATURES OF THE SAS LTE DATA PERFORMANCE SOLUTION

Turnkey solution based on the LTE device acceptance requirements of leading LTE operators
Ability to run LTE data performance tests that require channel emulation (RF fading) by integrating SAS with an advanced channel emulator such as Azimuth Systems' ACE MX
Enhanced LTE network simulation, including the consideration of detailed channel conditions when SAS is integrated with a channel emulator
Testing of LTE devices up to CAT3 (100Mbps DL; 50 Mbps UL) in static and – with a channel emulator – fading conditions as per industry (3GPP) or customised LTE channel models
Familiar and easy-to-use solution, which builds upon the best-in-class graphical user interface of SAS, with support for post-processing analysis of data performance tests
Windows PC based test environment, using the same platform and logging tools with the other Anite LTE solutions
Much more than a data performance test solution, with all the power and unique features of SAS for LTE device testing
Windows® PC-based application, which shares the same platform, logging/analysis tools and modular structure with the other Anite applications.

Anite testing equipment

All wireless device testing solutions need a platform that provides the radio access network simulation necessary to test real-world devices. Anite's approach is to utilise highly innovative software to provide a feature rich platform environment that is tailored to the requirements of a particular test scenario. The underlying hardware provides the necessary physical and RF capability to link the test solutions to the device being tested. For testing devices where the physical and RF functionality is not available, or for aiding protocol stack regression testing, Anite's applications can also run in a Host-test environment, where the necessary physical layer and connection to the device is simulated in a pure software-only environment.

Both hardware and software of the Anite platform are genuinely common across all Anite's products. This consistency offers a confidence that the capability of the platform is tried and tested. It also reduces the risk that might otherwise be introduced to your R&D programme if different test solutions are used at different stages of the development lifecycle. You can also rest assured that you can re-use your investments in other parts of the R&D lifecycle, or even in other Anite product solutions.



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