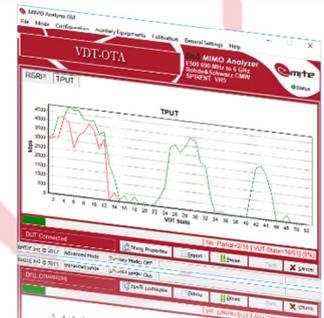
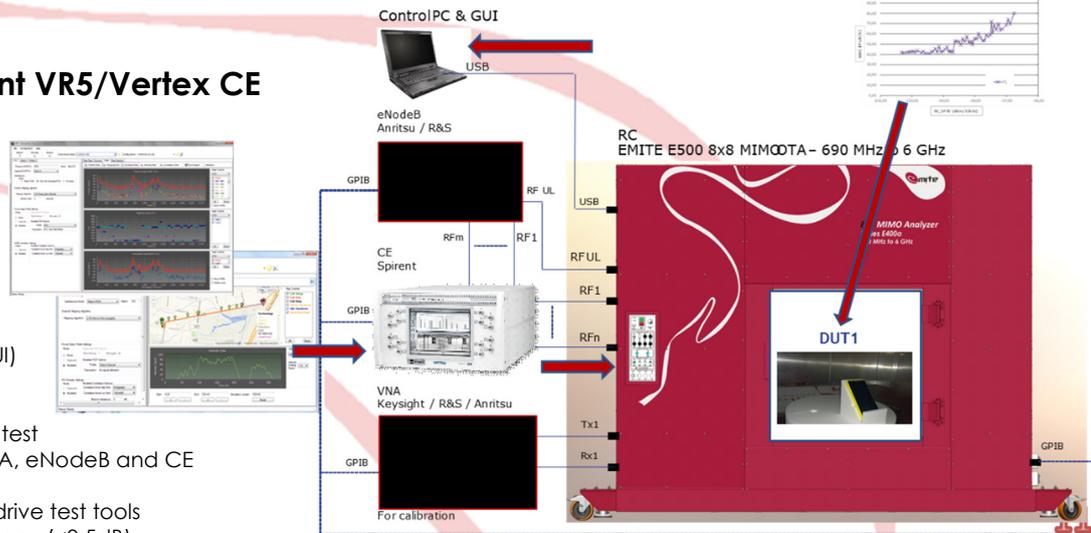


VDT OTA

EMITE E-Series RC + Spirent VR5/Vertex CE
 690 MHz to 6 GHz
 4G

Main Features

- Real Drive Testing OTA in a Lab – **Worldwide first!**
- RC+CE Test System
- MIMO Graphic User Interface (GUI) for Windows.
- Fully automated drive test log conversion, calibration and drive test measurements with control of VNA, eNodeB and CE
- 4G LTE MIMO OTA
- Compatible with wide variety of drive test tools
- Excellent repeatability and accuracy (<0,5dB)
- Time-domain measurements
- Easy Attachment, Smart Attachment, Smart hand-over, Early-Stop and Smart call-drop handling algorithms.
- On-line assistance & 24h/365d Support.
- USB and AC/DC power supply connectors on turntable (optional)
- DB9/RJ45/FO/USB/Waveguide penetrations (optional).
- AC/DC filters for DUT power supply (optional).
- RC can be served in pieces and re-assembled in-situ (optional).



Drive Test OTA measurement system

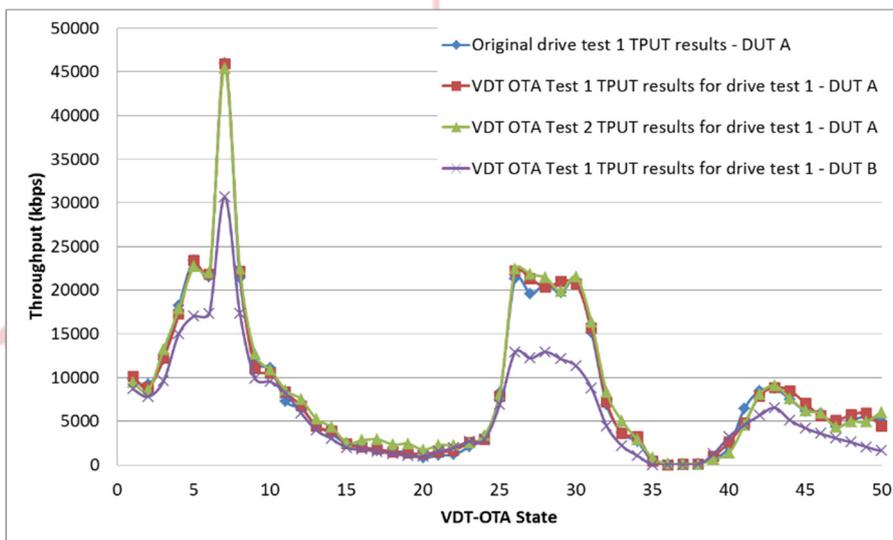
EMITE VDT OTA provides, for the first time worldwide, a real network drive test over the air (OTA) result for any wireless device in a lab in an accurate and flexible manner. The UE overall functionality over the air can be tested and reproduced in a repetitive manner, for any DUT, and it includes the antenna and RF front-end effects such as branch imbalance, spatial correlation, antenna efficiency, polarization, or others on final UE performance on the field. VDT OTA is able to verify complete UE operation (chipset + antenna) like RSRP, throughput or handover and can test UEs with no antenna terminals exposed. Since it employs existing drive test files, it is just like a drive test, not realistic but simply real, from your desk.

EMITE VDT OTA v1.0 makes use of Spirent Virtual Drive Test Conversion Tool (VDT CT) and EMITE E500-ATT OTA Test System with EMITE uniquely developed calibration and measurement VDT OTA modules.

Typical repeatabilities and accuracies are under 0.5 dB STD.

4G LTE Single Cell

VDT OTA does not replace drive testing, but can reduce your drive testing costs since any device can be tested over an existing drive test log file.



A comparison showing a real drive test result with DUT A, two measurements with VDT OTA and DUT A and one measurement of the same drive test with VDT OTA and DUT A.

A comparison of real field performance of different DUTs can be performed in the lab.

This data sheet was correct at the time of going to print. The right is reserved to change specifications at any time. Data Sheet EMITE Ing E500T-ATT VDT OTA v1.0 2017.09.