Leaflet

Anritsu Protocol Conformance Test System for LTE

The ME7832L Protocol Conformance Test System (PCTS) is an integrated solution for UE protocol conformance test, with an easy to use graphical interface application correctly configured with the Protocol Conformance Toolkit (PCT) for the required operation. It allows customers to verify that their device meets the 3GPP standard and to gain GCF and PTCRB certification.

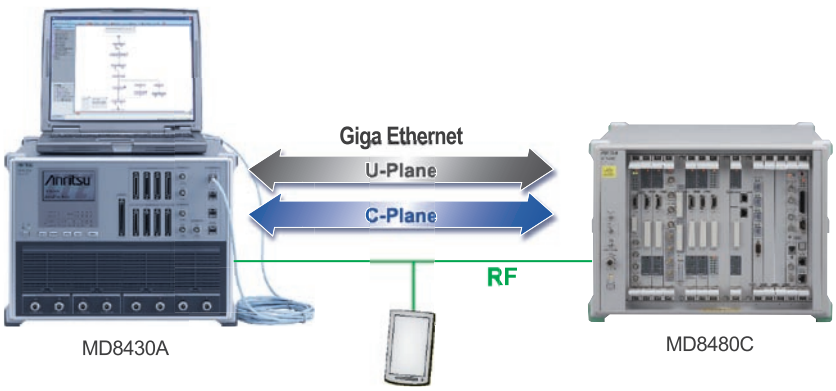
GCF: Global Certification Forum
PTCRB: PCS Type Certification Review Board

Specifications

- Compliant with 3GPP TS 36.523 for GCF and PTCRB certification
- LTE (Rel 8)
- Supports all GCF/PTCRB supported LTE bands
- Up-to 6 LTE cells
- Windows based high specification PC with 24-inch HD monitor
- System rack, RF combiner and Ethernet hub

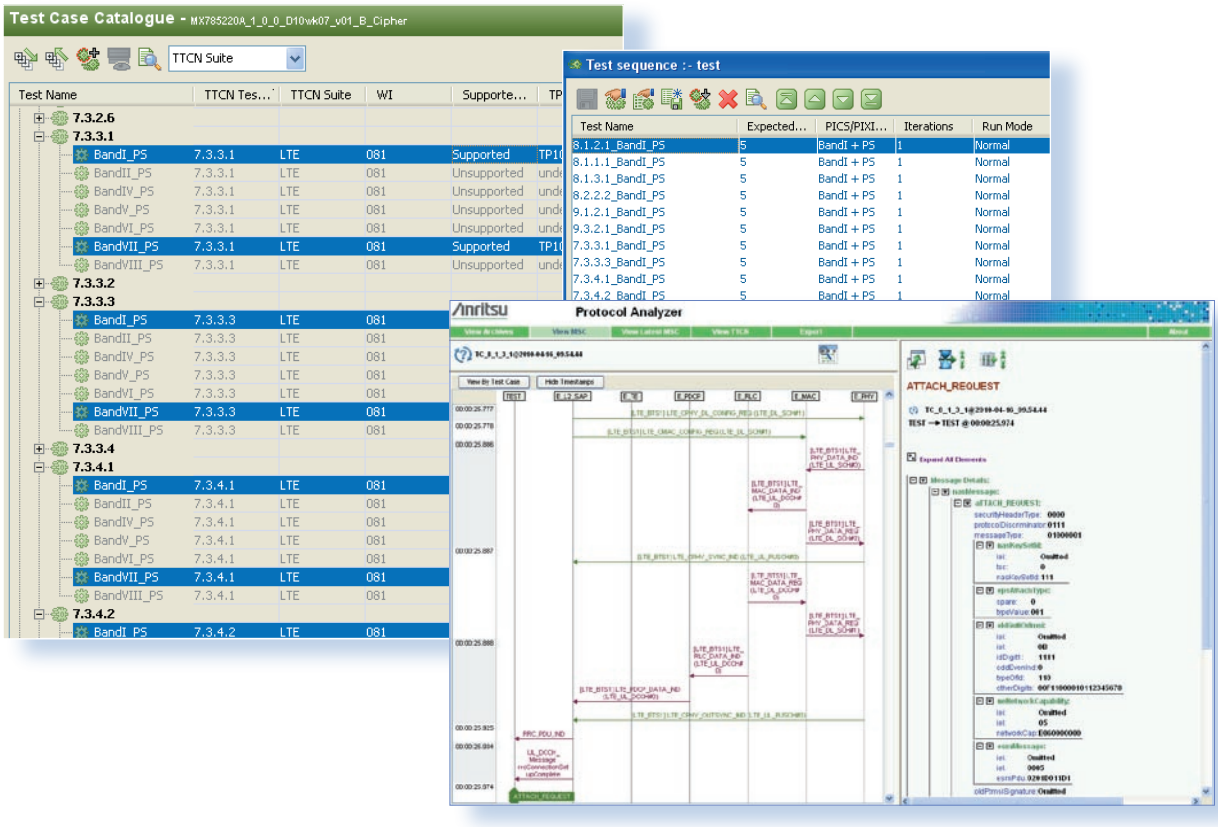
3GPP TS 36.523 LTE Protocol Conformance Solution

Integration with the MD8430A LTE Signalling Tester, GCF Protocol Conformance Test Toolkit eliminates troublesome setup, such as cable connections, software installation, and level correction, to maximize protocol conformance testing efficiency and shorten time to market. The ME7832L PCTS is configured as an LTE solution. An existing ME7832A, PCTS for W-CDMA can also be upgraded to LTE providing a multi-RAT solution. PCTS can also be purchased for use with an existing MD8480-based platform for W-CDMA or MD8430A-based platform for LTE.



Features

- Covers test cases for LTE UE protocol conformance
- Intelligent test sequencer to schedule tests using drag and drop graphical interface
- Extensive library of GCF & PTCRB test cases
- Creation of PICS/PIXIT data automatically and modification of deviations manually
- Analyze results by Passed/Failed verdict and easily re-run any failed tests
- Protocol analyzer shows entire test sequence of all layers, with time stamps for analysis
- Ability to view TTCN-3
- Detailed analysis of any message highlights difference in expected and received data



Key Benefits

- Reduce external test house costs
- Provide repeatable & reliable test results
- Create test sequences efficiently using the graphical user interface
- Remote & UE control provide enhanced automation environment
- Uses less space in the laboratory
- Execute tests faster than on any other platform (Future plan)

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