ME7834 Mobile Device Test Platform

The ME7834 is a configurable system that provides flexible protocol test solutions throughout the lifecycle of modern wireless terminals. ME7834 systems are able to address applications in development and conformance and evolve to provide advanced system simulation.

- **Best in Class Hardware**
  - MD8430A advanced LTE simulation.
  - MD8480C W-CDMA/GSM simulation.
  - MD8470A flexible and proven C2k simulator
  - MF6900A multi-channel fading simulator.

- **Flexible, Scalable Architecture to Support your Protocol Test Needs**
  - From 1 LTE cell to 4 LTE serving, MIMO cells with additional neighbour cells.
  - Up to 9 UTRAN cells, 3 GERAN and 1 C2k.
  - Up to 3 parallel test controllers for simultaneous testing.

MF6900
Fading Simulator

Protocol
Applications

CAT
PCT

PC

MD8430A
LTE
Signalling

MD8480C
UTRAN Signalling

MD8470A
CDMA2000
Signalling

MN8141
RF Combiner

ME7834 Carrier Acceptance Test (CAT)

Broadest Test Coverage on the Market

The power of Anritsu's solution is the value of one platform supporting multiple technologies across multiple CAT programs. **From a multiple carrier CAT perspective, we are the leader.**
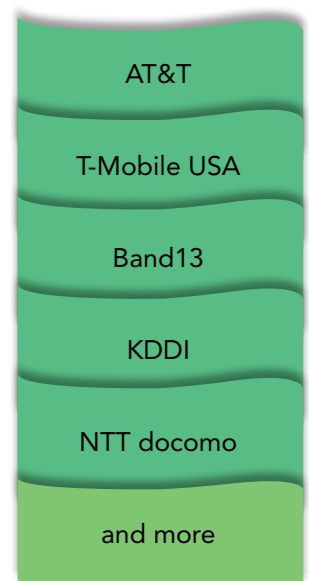
- Anritsu's ME7834 platform is already broadly deployed
- Easily upgradeable given flexible component configurations
- Easily extended to other carrier tests

Anritsu satisfies ecosystem needs as technologies evolve and carrier requirements demand

First-to-market with T-Mobile USA 3G, NTT docomo 3G, AT&T LTE, Band13 LTE, T-Mobile USA LTE, and Band13 VoLTE with more coming!

Anritsu's industry role as a leader in wireless test equipment continues with leadership in VoLTE, Carrier Aggregation, LTE-Advanced, and our commitment to the future.

CAT Programs

AT&T

T-Mobile USA

Band13

KDDI

NTT docomo

and more

CAT – Committed to Technology Leadership

- **Broad coverage of acceptance test plans** with a flexible platform
- **Automated acceptance test cases** and test campaign management for improved productivity
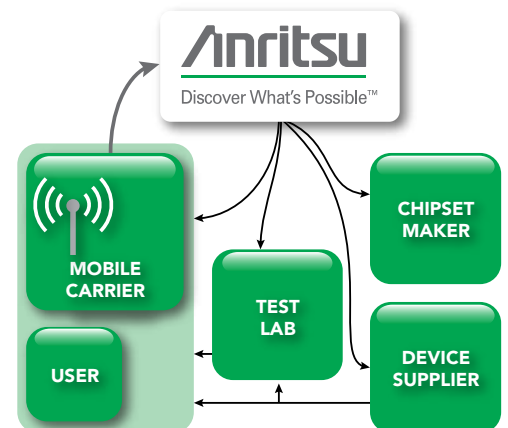- **Cutting-edge technology foundation** for investment protection

Enabling the Mobile Device Ecosystem

Validate the world's best portfolio of mobile devices
- Test device capability across the mobile carrier's ecosystem
- Understand the intent of each requirement
- Deliver verified devices at carrier lab entry

Ensure quality with improved time-to-market
- Improve end-user satisfaction by avoiding field issues
- Increase test automation to lower cost of validation
- Reduce time-to-revenue through validation of device performance

Anritsu's ME7834
with VoLTE and LTE-A Carrier Aggregation!

- LTE-Advanced Rel. 10 Ready
  - 300 MB/s FDD Carrier Aggregation
- High-Performance LTE Network Simulation
  - UE Categories 1 to 4 and 6
  - 300 MB/S Downlink and 50 MB/s Uplink
  - SISO, 2x2 MIMO and 4x2 MIMO
- FDD and TDD Network Simulation
  - Including FDD-TDD Handover

- Support for VoLTE-Required Features
  - SPS, TTI Bundling, and DRX
  - RoHC V1 (RTP/UDP/IP, UDP/IP, ESP/IP, and IP - IPv4, IPv6, and IPv4v6

Anritsu – Your Partner to Device Launch

- CAT improves Time-to-Market and User Experience for device launch success
- Anritsu's ME7834 portfolio of multiple-carrier CAT packages is unique in the mobile industry
- Anritsu's CAT system is automated for easy and flexible test campaign management
- Anritsu's cutting-edge technology provides a solid foundation for future tests, assuring continued utilization and ROI

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Anritsu

Discover What's Possible™