For Early Deployment of High-Quality Onboard TCU and Automated Driving Systems

Signalling Tester MD8475B
SmartStudio MX847570B
W-CDMA Simulation Software MX847510B
GSM/GPRS Simulation Software MX847520B
LTE Simulation Software MX847550B
Multi-cell Software MX847502B

Simulates Various Mobile and Wi-Fi Wireless Environments and Communications Conditions for Evaluating Automated Driving Systems including TCU, Navigation, Servers, etc.

- Supports Quasi-Normal and Abnormal Tests which are difficult to perform on Live Cellular Networks
- Easy-to-Configure Complex Test Environment Matching Radio Environment Power Variations while Driving
- Verification testing in Lab for Supporting Each World Cellular National Standard
- Intuitive GUI Operations Not Requiring Specialist Cellular Protocol Knowledge

High-Reliability Dynamic Maps Communications Evaluation Environment for Building Automated Driving Systems

Cellular and Wi-Fi networks are the typical communications methods for streaming dynamic maps. Since the MD8475B not only simulates a cellular network, it also can simulate various faults and changes in the communications conditions that may occur when updating dynamic maps by using with a Wi-Fi access point.

With an Internet connection port, the MD8475B can be connected to live cloud and application servers. Additionally, intuitive GUI operation makes the setting of TCU cellular network evaluations easy without requiring specialist knowledge of cellular communications protocols.
Dynamic Map TCU Verification Tests for Implementing Automated Driving Systems

This system simulates various mobile and Wi-Fi network communications; configuring a TCU verification test environment in laboratory helps cut development and testing costs for road driving tests while improving quality, using the MD8475B a world-leading tool for early deployment of Automated Driving systems.

Ordering Information

Please specify the model/order number, name and quantity when ordering. The names listed in the chart below are Order Names. The actual name of the item may differ from the Order Name.

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*1: MX847550B-020 supports 2×2 MIMO and MX847550B-021 supports 4×4 MIMO.
*2: MX847550B-040 supports 2CC, MX847550B-041 supports 3CC and MX847550B-042 supports 4CC.

What Anritsu can offer in the automated driving system is MD8475B. GPS simulator, Wi-Fi access point, cloud server and navigation software must be prepared separately. Contact your sales representative for more details.

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