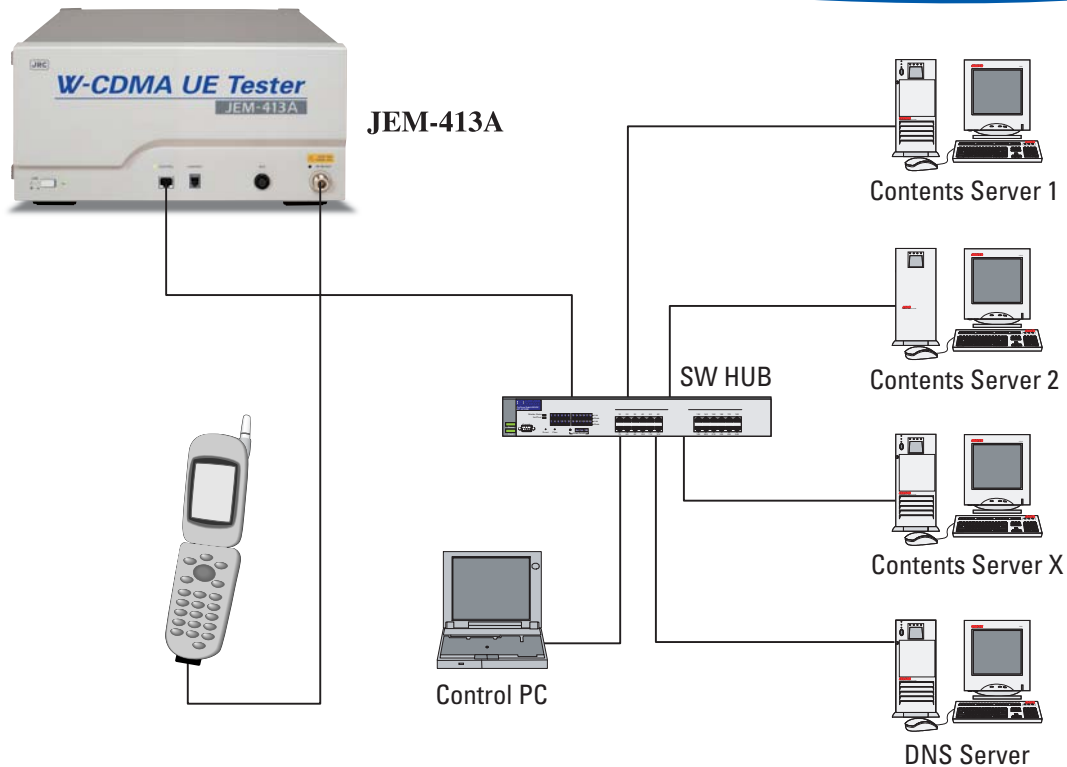


# W-CDMA APPLICATION TESTER JEM-413A

## BTS SIMULATOR FOR APPLICATION DEVELOPER



**JEM-413A switches a bearer for AMR, packet, or multi-call (option) by conducting simple operations from the terminal without changing the scenario so that terminal application software developers can perform tests under conditions similar to an actual-base station.**

### Special Features

- BTS simulator dedicated for each application developer
  - Call setup and Internet access simulation
  - Three service supported : AMR, packet, and SMS (Optional service : multi-call, UE to UE)
- Any time an application developer can use it.
  - Small and low cost
  - Maximize the verification time by the developer-self, resulting higher quality expected before the final quality assurance process.
- Easy to use
  - Easy to switch a service to the other
  - Easy to monitor UE status (Idle, call setup, connected, end call)

## Feature

### Internet server simulation

- 1) PPP supported
- 2) DNS capability supported

### TCP/IP(User Data) logging

- 1) U-Plane(User Data) logging and saving and recalling into a file
- 2) Log display at TCP/ IP level

### Applicable service

- 1) ATTACH/DETACH (Location Update)
- 2) AMR 12,2k Speech
- 3) PS Packet (UL; 64 / DL; 384kbps)

### Control SW (windows 2000)

- 1) JEM-413 HW status display
- 2) TCP/ IP Setting
- 3) FW update

### Option support

- 1) Multi-call
- 2) UE to UE

## Specification

### Protocol

- 1) RRC : 25.331 \*1
- 2) RLC : 25.322 \*1
- 3) MAC : 25.321
- 4) PPP : LCP, IPCP

Network layer : IP (0021)

\*1) contact us regarding each version which is supported now

### Modem

- 1) maximum symbol rate  
DL 480ksps (max)  
UL 240ksps (max)
- 2) Data rate  
DL 12.2k, 64k, 384k (bps)  
UL 12.2k, 64k (bps)
- 3) Coding  
convolutional & turbo
- 4) Decoding  
Viterbi & turbo

• Specifications may be subject to change without notice

For further information, contact:



Since 1915

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