

HST-3000

VDSL2 Service Interface Module (SIM)

Highlights

- Test the technology, test the service, improve the process
- Thoroughly qualifies VDSL2 access service: Attenuation, Noise Margin, Bits per Tone, Actual bit rate, Maximum bit rate, % Capacity, and Estimated Loop Length
- Data layer test options: PPPoE, PPPoA, IPoA, FTP throughput, and Web Browser
- Test interfaces: VDSL2-wire and Ethernet 10/100
- Option copper test capability up to 30Mhz
- Test modes: Terminate, Through, and TE (Terminal Equipment)
- Flexible, modular design allows you to buy what you need now and easily upgrade later in the field



In one lightweight, robust, battery operated tester, the JDSU HST-3000 offers more testing power than any other handheld tester on the market. Its scalable, modular design cost-effectively addresses today's needs. Upgrade later in the field to meet emerging requirements through plug-in hardware modules and software options.

JDSU's HST-3000 VDSL2 SIM delivers comprehensive VDSL2 test support including VDSL2 physical layer, Data layer, and Services (Web, VoIP, and IPVideo) in one module. Optional data service test support includes: PPPoE, PPPoA, IPoA, Bridged Ethernet, DNS client, DHCP client and server, as well as FTP throughput, Web Browser, IP PING, and IP Trace Route. Test modes include: Terminate Mode (VDSL2 modem emulation), Through mode (VDSL2 to Ethernet), and TE mode (Ethernet). With a simple to use GUI, the ability to store multiple configurations and auto test routines, VDSL2 service provisioning and troubleshooting becomes efficient and thorough. Using scripting features of the HST, specific test scenarios can be consistently performed. Using the results storage and export features of the HST-3000, key VDSL2 line parameters can be captured for benchmarking and later used in trouble resolution.

Test the Technology

- Max bit rate
- Actual bit rate
- Loop attenuation
- Noise Margin
- Percent (%) capacity
- Bits per tone
- Estimated loop length

Test the Service

- Data PPPoE, PPPoA, IPoA, Bridged Ethernet
- DNS, DHCP Client/Server, IP PING, IP Trace Route
- FTP throughput
- Web browser

Improve the Process

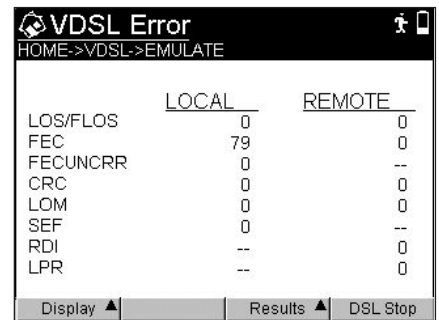
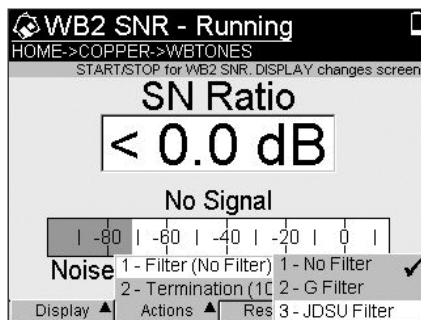
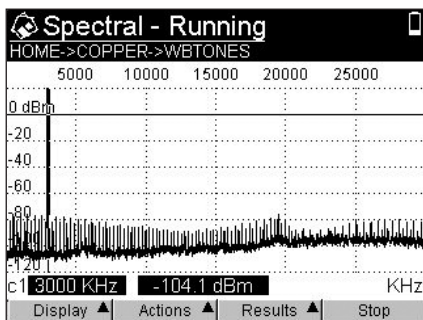
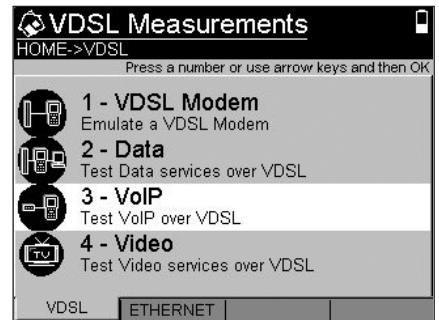
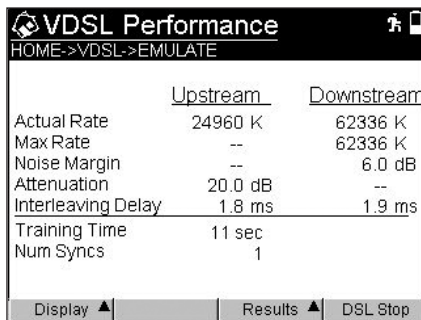
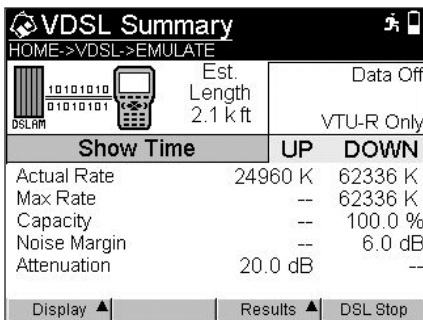
- Multiple configuration storage
- Test results export, serial, USB, Ethernet
- FTP throughput
- Web browser

Added benefits

- VoIP and IP video testing over VDSL2 support
- Three modes of operation: Terminate, Through, and TE

The HST-3000 boasts advanced scripting features to improve compliance with operator Methods and Procedures, through interactive, one-button auto-tests. These tests are fully customizable on a per-customer basis, to include pass-fail thresholds.

Use the HST-3000 everywhere you need to quickly isolate your troubles: the network "IN," the loop "OUT" or the CPE. The handheld, rugged and easy-to-use HST-3000 is ideal for field use. It is compact, rugged and can be used in almost all conditions, from inside the CO/Exchange to outside in moderate rain.



Test & Measurement Regional Sales

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