

ADSL/2/2+ Testing with the JDSU HST-3000 – Self-Paced Training

Course Number	Delivery Method	Course Length	Language of Instruction
TT-HST3000-ADSL-SP	Self-Paced	90 minutes (approx)	English

Synopsis

This course is designed to familiarize students on the ADSL/ADSL2/ADSL2+ option of the HST-3000. The course will teach students how to operate the ADSL features of the HST-3000.

Prerequisites

HST-3000c Basic Use Module self-paced training course (TT-HST3000Basic-SP).

Who Should Attend

Technicians responsible for the use of the HST-3000 for testing ADSL networks in their job functions

Course Goals

Upon completion of this course, participants will be able to:

- Enter information and navigate through menus to set up and configure the HST-3000 for IP Video testing applications
- Perform each of the IP Video test applications using the HST-3000
- Pass a certification test confirming completion of this course with a passing grade on all lesson quizzes

Course Outline

Orientation to Self-Paced Training

- Introduction
- Course Navigation
- Disable pop-up blockers
- Knowledge Check
- Table of Contents
- Course Certification

Introduction to HST-3000 with an ADSL SIM (Lesson 1)

- HST-3000 with ADSL SIM description/brief overview
- ADSL SIM – view of SIM/connectors
- Standard/basic ADSL features
- Options for HST-3000 ADSL ATU-R testing:
- IP Ping
- Web Browser (requires IP Ping option)
- FTP Throughput
- ADSL Status LEDs/softkeys
- Lead into applications (we assume students already have the skills/knowledge necessary to attach SIM & Battery, power on HST, and press ADSL softkey)
- 1 slide review on attaching/removing SIM
- 1 slide review of battery care
- ADSL Basic Tests that course will cover

- Accessing ADSL testing features (Home key, then ADSL softkey)
- Navigating the HST user interface with ADSL SIM installed
- Managing Test Configurations
- Storing Test Configurations
- Loading Test Configurations
- Overwriting Configurations
- Deleting Configurations
- Knowledge Check quiz/test
- Lesson 1 Summary

Transferring Files Using FTP (Lesson 2)

- Using the HST to transfer files
- Using a PC/laptop to transfer files
- Assigning an IP address to the HST
- Transferring files
- Knowledge Check quiz/test
- Lesson 2 Summary

To order and schedule training, call toll free 1-866-228-3762
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ADSL ATU-R Modem Emulate Mode (Lesson 3)

- Selecting Modem Emulate Mode
- Setting Test Parameters
- General
- WAN
- Data
- Ping
- PPP
- Trace Route
- Throughput
- Connecting to the Line
- Testing physical Layer
- Line quality
- Web Browser
- Ping test
- Releasing IP Addresses
- Knowledge Check quiz/test
- Lesson 3 Summary

Testing in Ethernet TE Mode (Lesson 4)

- Selecting Ethernet TE Mode
- Setting test parameters
- LAN
- Connecting to the Line
- Testing line quality
- Web Browser
- Ping test
- Knowledge Check quiz/test
- Lesson 4 Summary

ATU-R Testing in ADSL thru mode (Lesson 5)

- Selecting thru mode
- Setting test parameters
- Connecting to line
- Testing line quality
- Web Browser
- Ping test
- Knowledge Check quiz/test
- Lesson 5 Summary

Review Summary/Quiz

- Goals restated
- Course Quiz

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