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Find the *Keysight / Agilent E1663A* at our website: ***Click HERE***

HEWLETT PACKARD

Broadband Series Test System

E1663A
SONET/SDH Electrical Interface
Product Release Notice

Base System: 3.01
DCA: A.01.05

Part Number: E1663-91000 (Edition 1 Rev 2)

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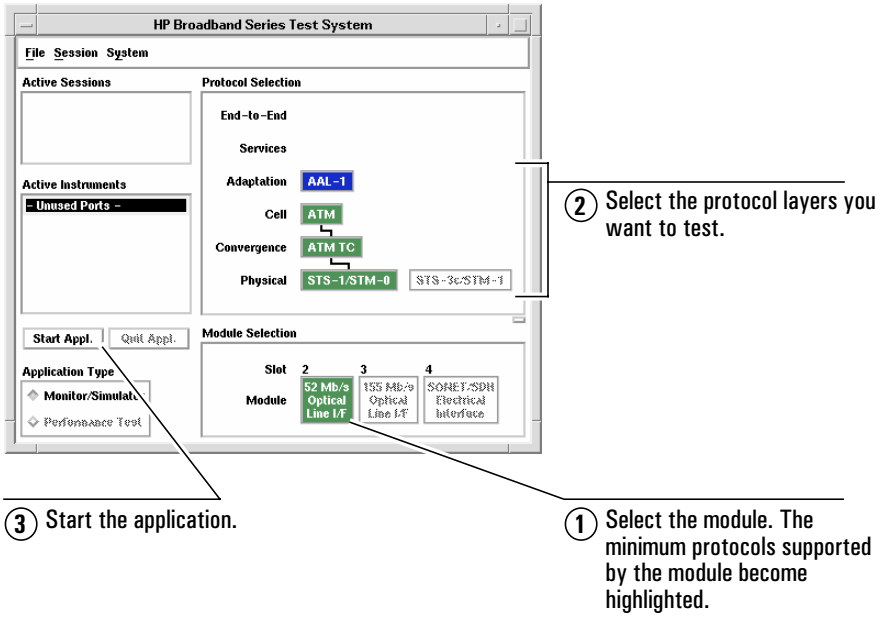
Support for 52 Mb/s Line Interface Added

The E1663A SONET/SDH Electrical Interface now supports the 52 Mb/s line rate. This means that it can be used with both the 52 Mb/s Optical Line Interface (E1617A) and the 155 Mb/s Optical Line Interface (E1697A).

Starting a Test Session with a Line Interface

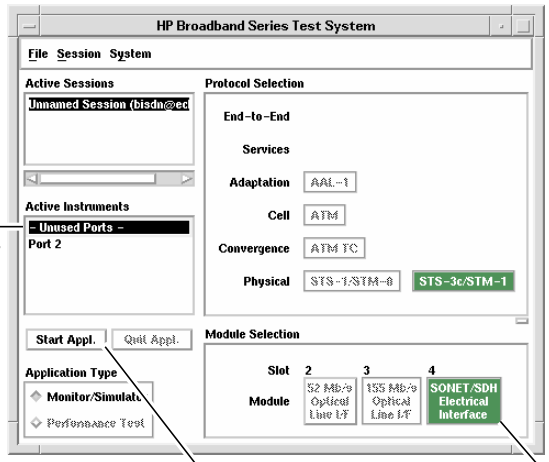
The procedure for starting a test session in the SONET/SDH Electrical Interface User's Guide is not correct. Follow the procedure below to start a test session. Refer to "Getting Started" in the appropriate Line Interface user's guide before logging into the HP Broadband Series Test System.

Starting the Line Interface



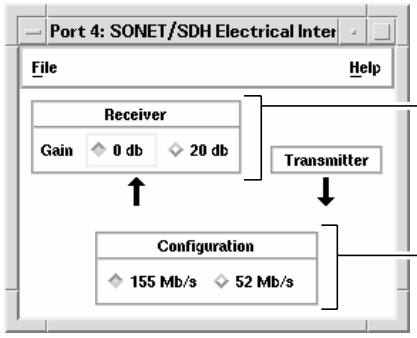
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Starting the Electrical Interface



1. Select *–Unused Ports–* to toggle between the 52 Mb/s Line Interface port and the other ports.
2. Select the SONET/SDH Electrical Interface module.
3. Start the application.

Configuring the Electrical Interface



Set the receiver gain. Note that using a receiver gain of 20 db could cause a Loss of Signal condition.

Always select the line rate that corresponds to the input line rate. Although the SONET/SDH Electrical Interface may work with the other line rate set, unpredictable results could occur.

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Recent Changes

UPE Libraries Are Shared Libraries

UPE libraries are distributed only as shared libraries (previously, only archive libraries were distributed). This reduces the size of user programs, and allows you to use new versions of UPE libraries without having to relink your programs.

Known Problem

Pass-through Mode Not Available

Install the E1663A Electrical Interface to the right of any line interface modules in the VXI Mainframe, or beneath any modules in a Form 7. The E1663A will not pass signals on the VXI backplane, and will therefore interfere with backplane communication if it is between modules.

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