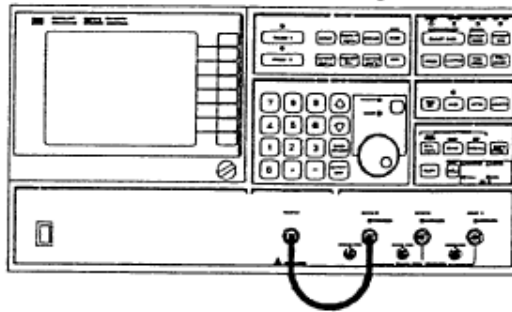# Confidence Test

After unpacking the instrument or whenever a quick check of basic operation is necessary, run the confidence test using the following keystrokes.

Key	Description
SPCL FCTN	Hardkey in the INSTRUMENT STATE section used to display the SPECIAL FUNCTION menu. This menu contains the softkey, CONF TEST.
CONF TEST	This selects the confidence test. Note that the screen displays a message to connect a cable between the output and the input to be tested. The menu contains commands to test any of the inputs. Connect the cable as shown below.

TEST R	Softkey that begins test of input R.

The HP 3577A will run nine tests and display pass/fail results of each. These tests are:

- Log Sweep signal level test
- Log Sweep flatness test
- Linear Sweep signal level
- Linear Sweep magnitude flatness
- Synthesizer and L.O. feed through
- Amplitude Sweep accuracy
- Output limiter linearity
- Receiver Impedance
- Receiver Attenuator

If any tests fail, the HP 3577A Network Analyzer will stop the testing and display a failure message. Testing may be continued by pressing the CONTINUE TEST key. Any screen listing of a failed test will be bright.