



DSL Testing



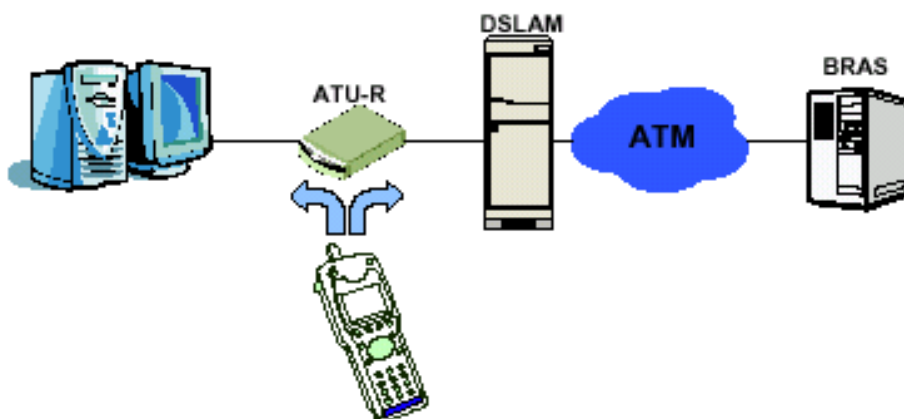
Application Note HOWTOPGM-3

xDSL



SETTING UP AURORA PRESTO TO PERFORM GOLDEN MODEM TESTING

'Golden Modem' testing allows the complete replacement of the CPE modem (xTU-R) for throughput testing. Technicians can use the customer PC to log onto the Internet through the Aurora Presto and monitor DSL statistics and alarm states, and also ATM traffic and mappings. The step-by-step guide below shows the configuration of Aurora Presto for 'Golden Modem' mode operation.



1. Configuring Aurora Presto as an xTU-R

- Select the following menu items Modem Test / ADSL layer / Setup (F4) / Type / ATU-R(P) this configures your Aurora Presto as an ATU-R.
- Press ESC three (3) times to return to the main menu.

2. Selecting the Data Port

- Select Modem Test / Data Connect / 10BT (F1) this select the 10BT port as your data port.
- Press ESC twice (2) times to return to the main menu.

3. Configuring the ATM Virtual Circuit

- Select Modem Test / ATM Layer / Setup (F4) . This menu allows you to setup the ATM virtual circuit.
- Enter the VPI and VCI of the modem that you are replacing. If you do not know these values ask the customer. Make sure that VC mode is set to enabled and that the Tx Rate is at least 25%.
- Press ESC three times (3) to return to the main menu.

4. Configuring Bridged Mode

- Select Setup (F4) / Protocol Setup / Bridged this sets you Aurora Presto to Golden Modem Mode.
- Press ESC twice (2) to return to the main menu.

5. Configuring IP Framing

- Select Setup (F4) / IP Frame Setup / IP Mode / Bridged Type 1.
- Press ESC two times (2) to return to the main menu.

6. Synchronising the ADSL layer

- Select Modem Tests / ADSL (F3) to synchronise the Aurora Presto to the DSLAM.
The Aurora Presto is now configured to operate in 'Golden Modem' mode allowing the user to browse the internet using the PC connected to the Aurora Presto.

