Software description

1. Installs
   1. Windows 7
   2. TesterXpWin7\_3.4 (TclTk8.4, RLSerial, RLExPio, RLTime, BTL, RLStatus, RLMmux, RLEtxGen, DLDxc4, RLScotty)
   3. Pumpkin (download path: C:\downloads).
2. AT software package
   1. C:\ASMi54
3. Operation file
   1. Tester.tcl

The Tester performs tests of two UUTs. The checking is performing by transferring data from EthGenerator (ETX-204A) and E1Generator (DXC-4/8) via DLS6700, the Spirent’s Line Simulator.

Four families of ASMi-54 are supported by the Tester – ASMi-54 (old product), ASMi-54L, ASMi-54L/RT ans ASMi54N (phase 3.5).

The Tester has the MassProduction functionality and can check up to 11 pairs of DUTs.

The Tester contains 9 MultiMuxs. 8 of them should be defind to 2 segments of 14 channels – 1-14 and 15-28. The 9th should be defined to 4 segments of 7 channels.

The HW definitions – COM and PIO ports – are defined in HWinit.tcl file, which located at folder C:\ ASMi54\[PC name]. The [PC name] is defined by [info host].

Common procedures for all 4 families – L, RT, Phasa3.5 and 54 – are located in Lib\_Put\_ASMi54.tcl. Specific procs are collected in each family’s Lib\_Asmi54\_xxx.tcl file.

RSD-10 setup:

  Rate                 9.6k

  Timeout:            Disabled

  Connection:       Data

  Format:              Async

  SHAS  Gnd:       Disconnect

  Ports Interface:   DCE

  Main Interface    DTE