Software description

1. Installs
   1. Windows 10
   2. Wireshark
   3. TeraTerminal
   4. The Tester local Net’s Interface should have IPv4 10.10.10.10, and it’s name should be “ATE net”. Config it’s rate 100FD.
   5. TesterXpWin7\_3.5 (TclTk8.6, RLSerial, RLCom, RLUsbPio, RLUsbMmux, RL10G, RLTime, RLStatus, RLSound, RLAutoSync)
   6. NI-VISA Runtime 18.0
   7. Tclvisa3.0 (32bit: tclvisa-0.3.0-win-x86.msi)
2. AT software package
   1. C:\AT-ETX-2i-10G
3. Operation files
   1. SE-Tester.tcl for a GUI with SyncE support. 1-Tester.tcl and 2-Tester.tcl for GUIs without SyncE1. 5-Tester.tcl for Multi.
4. RADapps files
   1. AteDecryptor.exe
   2. AutoSyncApp.jar
   3. Get28e01Data.exe
   4. MACReg.exe + prd
   5. MACServer.exe
   6. OI4barcode.jar
   7. SWVersions4IDnumber.jar

The Tester performs tests of the ETX-2i-10G. The checking is performing by transferring data from from EthGenerator 10G (based on ETX220A). DUT’s ports are chained by external cables.

The HW definitions – COM and PIO ports – are defined in HWinit.tcl file, which located at folder C:\AT-ETX-2i-10G\[PC name]. The [PC name] is defined by [info host].