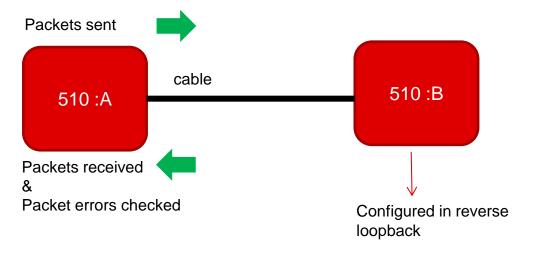
DP83TD510E: Throughput Check

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Test Setup

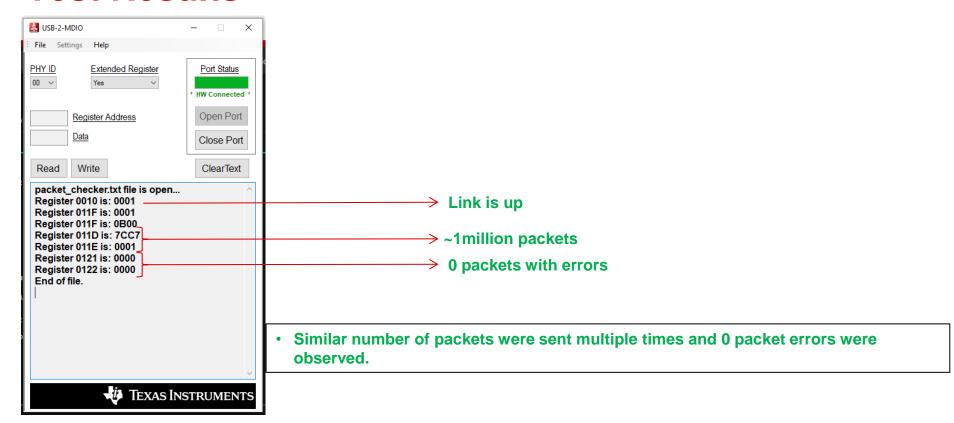


While doing this test do not send any data from MAC side on any of the DUTs

Test Procedure

- Setup the boards (A and B) and connect them through the desired cable length
- Enable reverse loop-back on board B.
- Enable packet generation and checker on another connected board (board A).
- Following parameters were monitored :
 - Link-status
 - Number of packets received
 - Number of packets received with errors.

Test Results



Test Scripts

Load on Board B

Reverse Loopback Enable

- 1 begin
 2 0016 0110 //enable reverse loopback to send the data back on cable
 3 end

Load on Board A

Packet Checker

Registers being read

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TEXAS INSTRUMENTS