

Chapter 1

SignalTap II: Receiving end of the fiber-optic external loopback test

Results from the test of the dedicated SFP-connector on the High-Definition Multimedia Interface (HDMI)-daughter card for fiber-optic communication. The purpose was to see if it was possible for the connector to send and receive information at speeds corresponding the Gigabit Transceiver (GBT)-standard of 4.8Gbit/s. The result was positive that the receiver was able to receive the transmitted incremental counter, and figure 1.1 shows parts of the counter received at the receiving end.

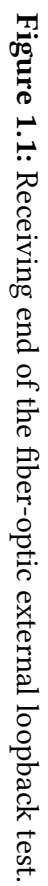


Figure 1.1: Receiving end of the fiber-optic external loopback test.