

TIDA- 00253 .
3 Gbps SDI Distribution Amplifier

This document shares the test results of LMH0376 based SDI distribution amplifier.

Eye Diagrams

The LMH0376 GUI flexibility allows monitoring the high speed signal at different stages within the data path. This allows the user to monitor signal quality across different media. The above diagram show eye diagram after the LMH0395 SDI equalizer, eye diagram after the FR4 media attached to the reference design, eye diagram after the LMH0376 onboard FR4 equalizer, and finally the eye diagram at the output of the LMH0376 reclocker.

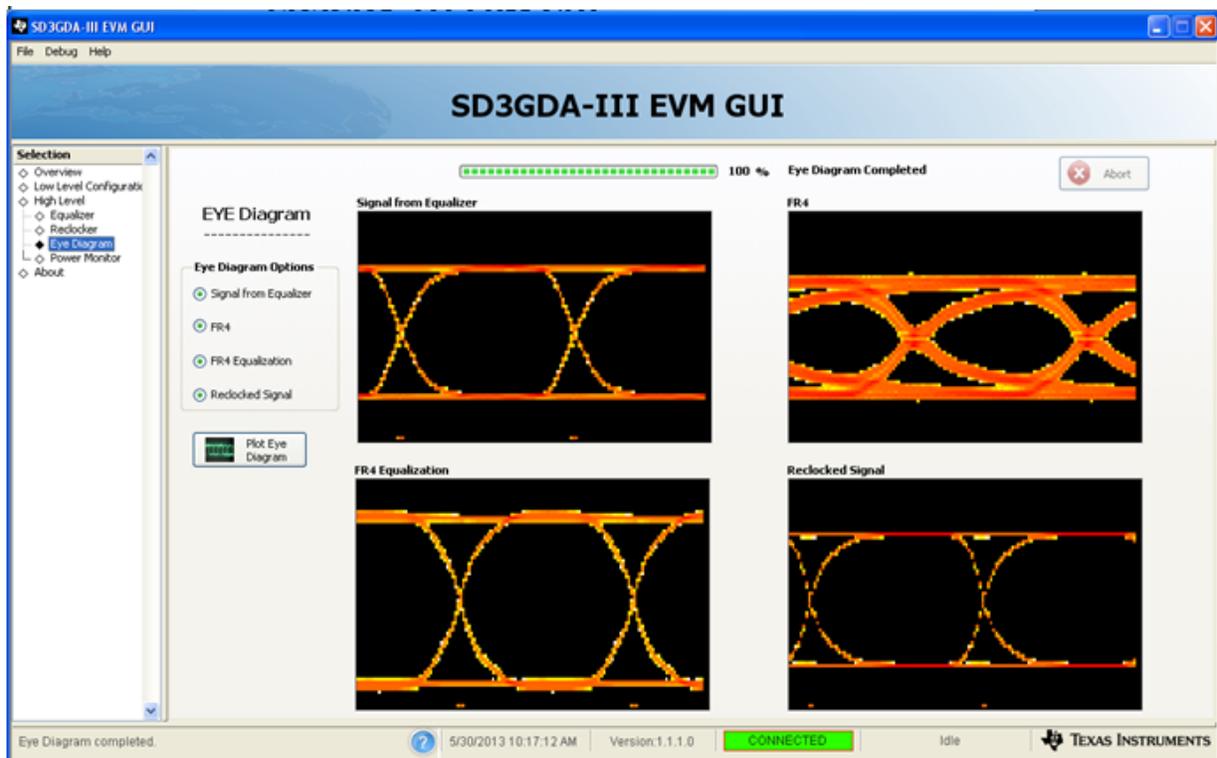


Figure1. Eye Diagrams after the Equalizer and Reclocker at the end of different media

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