Project: IEEE P802.15 Working Group for Wireless Personal Area Networks (WPANs)

Submission Title: assigned comments for draft D3

Date Submitted: November 2010

Source: Sridhar Rajagopal [Samsung Electronics]

Address:

Contact Information: [sridhar.r@samsung.com]

Re:

Abstract: proposes comment resolutions for a set of CIDs

Purpose:

Notice: This document has been prepared to assist the IEEE P802.15. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.

Release: The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by P802.15.

Comments for CID

Issue

 the following text is confusing: "maximum spread between the clock edges at the output of the optical source ...". I don't believe that the output of an optical source (which is just photons) has a true clock edge.

Suggested remedy

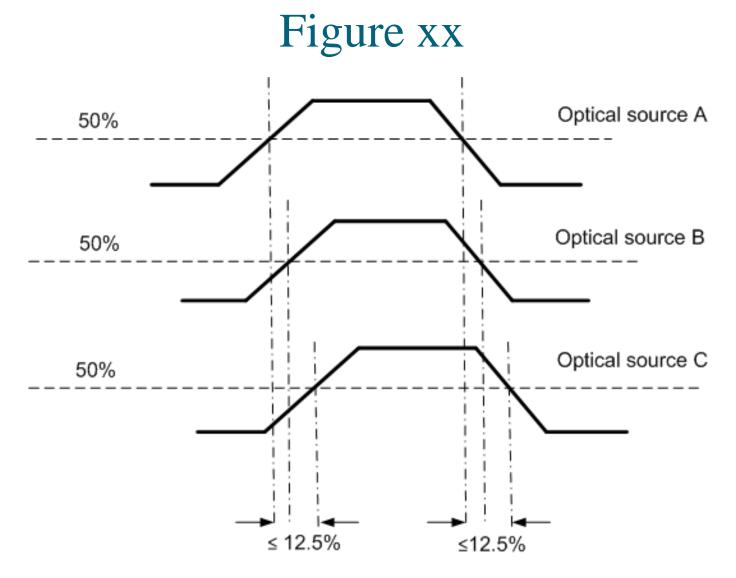
 Maybe a better way to state the requirement is to say when the signal reaches 90% of maximum insensity and that this time has to be within 12.5% of the clock period.

Proposed resolution

Replace last sentence at 5.1.5 with

 Figure xx shows the allowable spread at the output of the optical sources, assuming a synchronized digital input. The maximum spread at 50% of the signal intensity during the rise and fall time at the output of the optical sources shall not vary by more than 12.5% of the clock period.

Add Figure xx in 5.1.5



4