

MOST

Media Oriented Systems Transport

Multimedia and Control
Networking Technology

MOST Compliance Test of Physical Layer ERRATA SHEET

Rev 1.0-00

05/2006

Version 1.0-00

MOSTCO CONFIDENTIAL

See page 3 for the terms of disclosure



Legal Notice

COPYRIGHT

<© Copyright 1999 - 2006 MOST Cooperation>. All rights reserved.

LICENSE DISCLAIMER

Nothing on any MOST Cooperation Web Site, or in any MOST Cooperation document, shall be construed as conferring any license under any of the MOST Cooperation or its members or any third party's intellectual property rights, whether by estoppel, implication, or otherwise.

CONTENT AND LIABILITY DISCLAIMER

MOST Cooperation or its members shall not be responsible for any errors or omissions contained at any MOST Cooperation Web Site, or in any MOST Cooperation document, and reserves the right to make changes without notice. Accordingly, all MOST Cooperation and third party information is provided "AS IS". In addition, MOST Cooperation or its members are not responsible for the content of any other Web Site linked to any MOST Cooperation Web Site. Links are provided as Internet navigation tools only.

MOST COOPERATION AND ITS MEMBERS DISCLAIM ALL WARRANTIES WITH REGARD TO THE INFORMATION (INCLUDING ANY SOFTWARE) PROVIDED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Some jurisdictions do not allow the exclusion of implied warranties, so the above exclusion may not apply to you.

In no event shall MOST Cooperation or its members be liable for any damages whatsoever, and in particular MOST Cooperation or its members shall not be liable for special, indirect, consequential, or incidental damages, or damages for lost profits, loss of revenue, or loss of use, arising out of or related to any MOST Cooperation Web Site, any MOST Cooperation document, or the information contained in it, whether such damages arise in contract, negligence, tort, under statute, in equity, at law or otherwise.

FEEDBACK INFORMATION

Any information provided to MOST Cooperation in connection with any MOST Cooperation Web Site, or any MOST Cooperation document, shall be provided by the submitter and received by MOST Cooperation on a non-confidential basis. MOST Cooperation shall be free to use such information on an unrestricted basis.

TRADEMARKS

MOST Cooperation and its members prohibit the unauthorized use of any of their trademarks. MOST Cooperation specifically prohibits the use of the MOST Cooperation LOGO unless the use is approved by the Steering Committee of MOST Cooperation.

SUPPORT AND FURTHER INFORMATION

For more information on the MOST technology, please contact:

MOST Cooperation

Administration
P. O. Box 4327
D-76028 Karlsruhe
Germany

Tel: (+49) (0) 721 966 50 00

Fax: (+49) (0) 721 966 50 01

E-mail: contact@mostcooperation.com

Web: www.mostcooperation.com



These Errata are Confidential Information of the MOST Cooperation. It may only be disclosed to member companies. Member companies wishing to discuss these Errata with suppliers or other third parties must ensure that a commercially standard form of non-disclosure agreement has been previously executed by the party receiving such Errata. Use of these Errata may only be for purposes for which they are intended by the MOST Cooperation. Unauthorized use or disclosure is a violation of law.

<© Copyright 1999 - 2006 MOST Cooperation>
All rights reserved

MOST is a registered trademark

Contents

1	INTRODUCTION	6
2	ERRATA	6

Bibliography

Number	Document
[1]	MOST Specification Framework
[2]	MOST Specification
[9]	MOST Specification Of Physical Layer
[9a]	MOST Specification Of Physical Layer-Addendum A
[9b]	MOST Specification Of Physical Layer- Addendum B
[10]	MOST Compliance Test of Physical Layer
[11]	MOST Compliance Requirements

Document History

Changes

Change Ref.	Section	Changes
1V0-00		First Issue

1 Introduction

This document is a supplement to the MOST COMPLIANCE TEST of PHYSICAL LAYER, Version 1.0-00 [10].

2 Errata

Legend: → means “will be substituted by”

<p><u>Additional remarks in chapter 2.2 and 2.3:</u></p> <p><u>Central wavelength λ_{c2} (λ_{c3} respectively)</u> Belongs to “Central wavelength λ_{c2}”. To determine “Central wavelength λ_{c2}” first the spectral power $P_i=f(\lambda_i)$ (power as a function of wavelength) of the transmitter has to be measured with an appropriate spectrometer (see chapter 1.2.1). The value “Central wavelength λ_{c2}” has to be calculated with the formula</p> $\lambda_{c2} = \frac{\sum_i P_i \lambda_i}{\sum_i P_i} \quad (i = 500 \text{ nm} \dots 800 \text{ nm}, \Delta i \leq 1 \text{ nm})$ <p>with the measured spectral power P_i.</p> <p><u>Spectral width (RMS) $\sigma_{\lambda2}$ ($\sigma_{\lambda3}$ respectively)</u> Belongs to “Spectral width (RMS) $\sigma_{\lambda2}$”. To determine “Spectral width (RMS) $\sigma_{\lambda2}$” first the spectral power $P_i=f(\lambda_i)$ (power as a function of wavelength) of the transmitter has to be measured with an appropriate spectrometer (see chapter 1.2.1). The value “Spectral width (RMS) $\sigma_{\lambda2}$” has to be calculated with the formula</p> $\sigma_{\lambda2} = \sqrt{\frac{\sum_i P_i (\lambda_i - \lambda_{c2})^2}{\sum_i P_i}} \quad (i = 500 \text{ nm} \dots 800 \text{ nm}, \Delta i \leq 1 \text{ nm})$ <p>with the measured spectral power P_i and the “Central wavelength λ_{c2}” (see chapter 2.2.2 Central wavelength).</p>	<p>GEN 1</p>
<p>Measurement method of spectral width:</p> <ul style="list-style-type: none"> - Measurement of spectral distribution will use start wavelength at 500 nm and end wavelength 800 nm, resolution: $\leq 1 \text{ nm}$. - S/N ratio for the measurement equipment at least 200:1. - The S/N ratio determines the part which is allowed to be cut from the spectrum. 	<p>GEN 2</p>
<p><u>Chapter 1.2.2 Measurement – Adapter SP2:</u></p> <p>Delete sentence “ The accuracy of this measurement setup is at least $\pm 0,3 \text{ dB}$, independent of the Electro Optical Converter (EOC) version.”</p> <p>Reason: To avoid redundant information as the requirements for resolution are specified in the MOST Compliance Verification Procedure- Physical Layer.</p>	<p>GEN 3</p>

Notes: