

MOST

Media Oriented Systems Transport

Multimedia and Control
Networking Technology

MOST150 oPhy SubSpec Rev. 1.1
Addendum A150
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See page 3 for the terms of disclosure



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Document References

All documents which this MOST document has references to are listed here with the actual revision this document is referring to.

Number	Document	Revision
[1]	MOST150 oPhy Automotive Sub-Specification	Rev. 1.1

Document History

First version 1.0-00

Change Ref.	Section	Changes
-	-	- First version, no changes

1 Introduction

This document is a supplement to the **MOST150 oPhy Automotive Sub-Specification [1]**.

It specifies an additional Low Sensitivity version with a 2 dB lower power budget Fiber Optic Transceiver (i.e., $|P_{OPT3Min.}| - |P_{OPT2Min.}| = 11.5$ dB) whereas the originally specified power budget according to [1] stays at $|P_{OPT3Min.}| - |P_{OPT2Min.}| = 13.5$ dB. The reduction in power budget affects only P_{OPT3} of the Receiver at SP3.

The Product Type and Compliance Listing needs to be labeled with the label "MOST150 oPhy LS" (LS = Low Sensitivity).

2 Content of Addendum

2.1 Specification Point SP3 Low Sensitivity

In MOST150 oPhy Automotive Sub-Specification [1], section 6.3 Specification Point SP3, Table 6-6: Link Quality Parameters of SP3, the following entry will be added:

Link Quality SP3	Symbol	Condition	Min.	Typ.	Max.	Unit
Receivable average optical power range for data recovery in LS Version	P_{opt3LS}	Same as P_{opt3}	-20	-	-2	dBm

Remark: Product Type and Compliance Listing need to be labeled with the label "MOST150 oPhy LS".

3 Comment

3.1 Reason for Addendum

To support lower sensitivity solutions, e.g., to achieve cost down targets.

4 Appendix A: List of Figures

5 Appendix B: List of Tables