

Optical Budget Slides

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Jul 18, 2007

Current 802.3ah levels

	PX10 down	PX10 up	PX20 down	PX20 up
Tx OMA min	-2.2	-0.22	+2.8	-0.22
Sensitivity OMA	-23.2	-23.3	-23.2	-26.2
Stressed Sens. OMA	-20.7	-21.5	-21.3	-23.6
TDP	1.3	2.8	2.3	1.8
Channel IL	19.5	20	23.5	24
Tx – Sens. – TDP	19.7	20.28	23.7	24.18
Tx – Stress Sens.	18.5	21.28	24.1	23.38

Motion 19

For budget calculations, adopt the following mapping function between ITU sensitivity and IEEE stressed sensitivity:

- $\text{Sensitivity}(\text{ITU})[\text{OMA}] + \text{Optical_Path_Penalty}(\text{ITU}) = \text{Stressed_Sensitivity}(\text{IEEE})[\text{OMA}]$
- M: Frank E.
- S: Piers Dawe
- Y: 33
- N: 0
- A: 9