

# Spec changes needed for king\_01\_0617\_smf

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IEEE P802.3bs Task Force, SMF Ad Hoc, June 2017

# Introduction

[king\\_01\\_0617\\_smf](#) proposes to:

- increase of TDECQ (max) and SECQ specs for each PMD
- decrease the  $OMA_{outer}$  minus TDECQ spec

This contribution lists all of the changes that would be required to make the power budgets add up.

# Changes needed

## Transmit characteristics table:

OMA <sub>outer</sub> – TDECQ each lane (min)	reduce by x dB
TDECQ each lane (max)	increase by x dB
Even if the TDECQ < 1 dB	Even if the TDECQ < 1 + x dB

## Receive characteristics table:

Receiver sensitivity (OMA <sub>outer</sub> ) each lane (max)	reduce by x dB
SECQ lane under test	increase by x dB
Add note to Receiver sensitivity that it is defined for a transmitter with SECQ of 0 dB	

## Illustrative link power budget

Power budget (for max TDECQ)	increase by x dB
Allocation for penalties (for max TDECQ)	increase by x dB

Thanks!