

# Proposed Comments Against 802.3bs Draft Specification

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# Proposed Comments

- Applies to 200GBase-DR4 and 400GBase-DR4
  - Clause 121 and 124
- Increase “Average launch power of OFF transmitter, each lane (max)”
  - Current value = -30 dBm
  - Proposed value = -20 dBm
- Increase “`SIGNAL_DETECT` Fail” value
  - Current value = -30 dBm
  - Proposed value = -20 dBm

# Motivation for Proposed Comments

- In solutions where a light source is shared among lanes it cannot be powered down when a single channel is powered down
  - Single channel power down is typical in test and other configuration as most form factor MSA's define per lane control
- Turning the “average launch power Off” therefore requires active squelching of the signal
  - Squelching to -20 dBm much easier than squelching to -30 dBm

# Thank You

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