

Combined Data and Optical Links

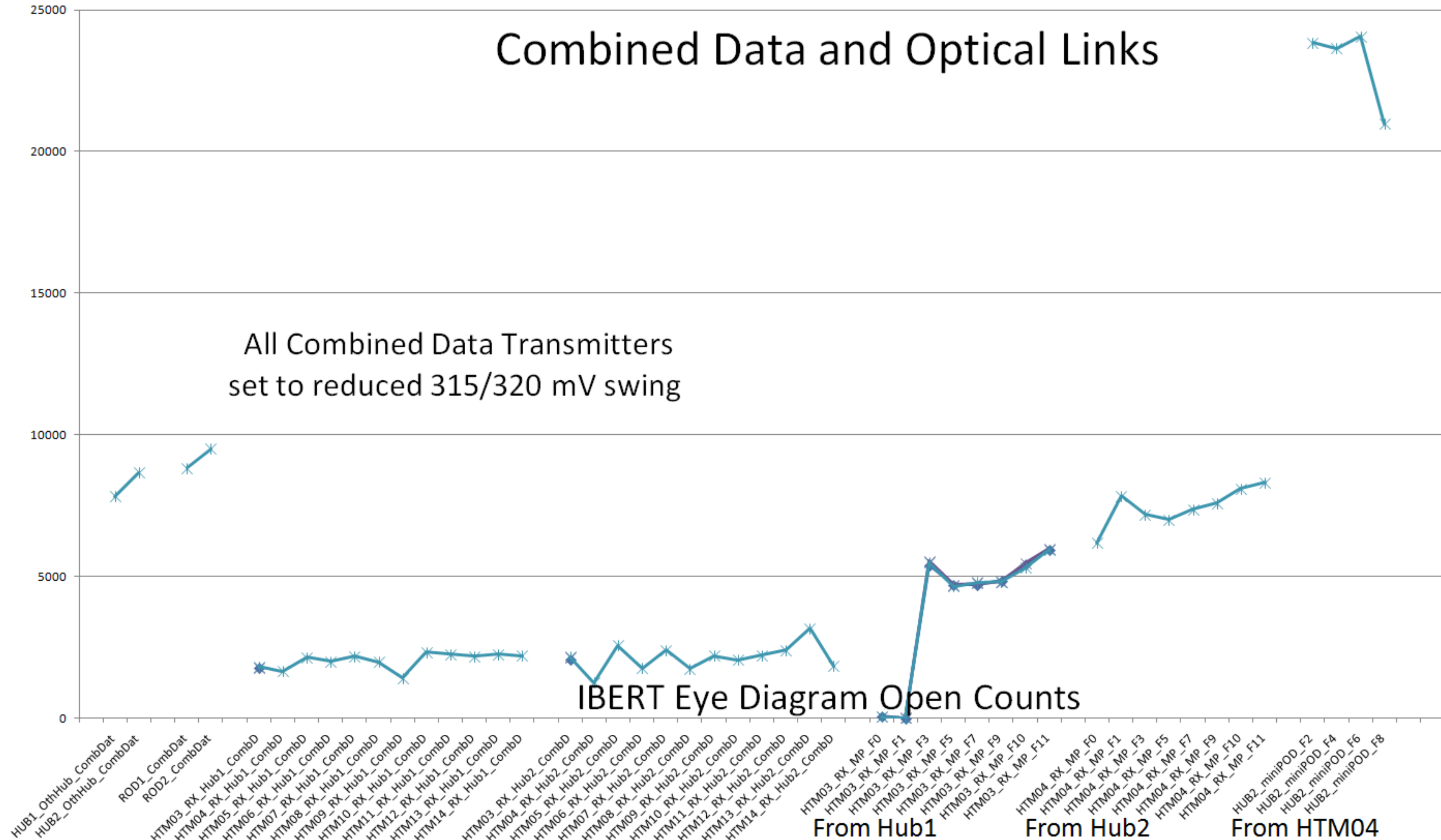
IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF

Clocklocked to GBT

All Combined Data Transmitters
set to reduced 315/320 mV swing

IBERT Eye Diagram Open Counts



- O 15-Jan-2019_a noDFE EqOFF
- O 15-Jan-2019_b noDFE EqOFF
- O 16-Jan-2019_a noDFE EqOFF
- O
- O
- O
- O

Hub1: SN09
FW: IBERT+IPbus+GBT
rev 19-Dec-2018
ROD1: SN04
FWIBERT 03/05-Aug-2017

Hub2: SN05
FW: IBERT+IPbus
rev 05-Nov-2018
ROD2: SN00
FWIBERT 03/05-Aug-2017

HTM3-14:
S/N 5,17,1,11,4,12,
3,13,10,6,9,8
FW: IBERT+IPbus
rev 07-Sep-2018

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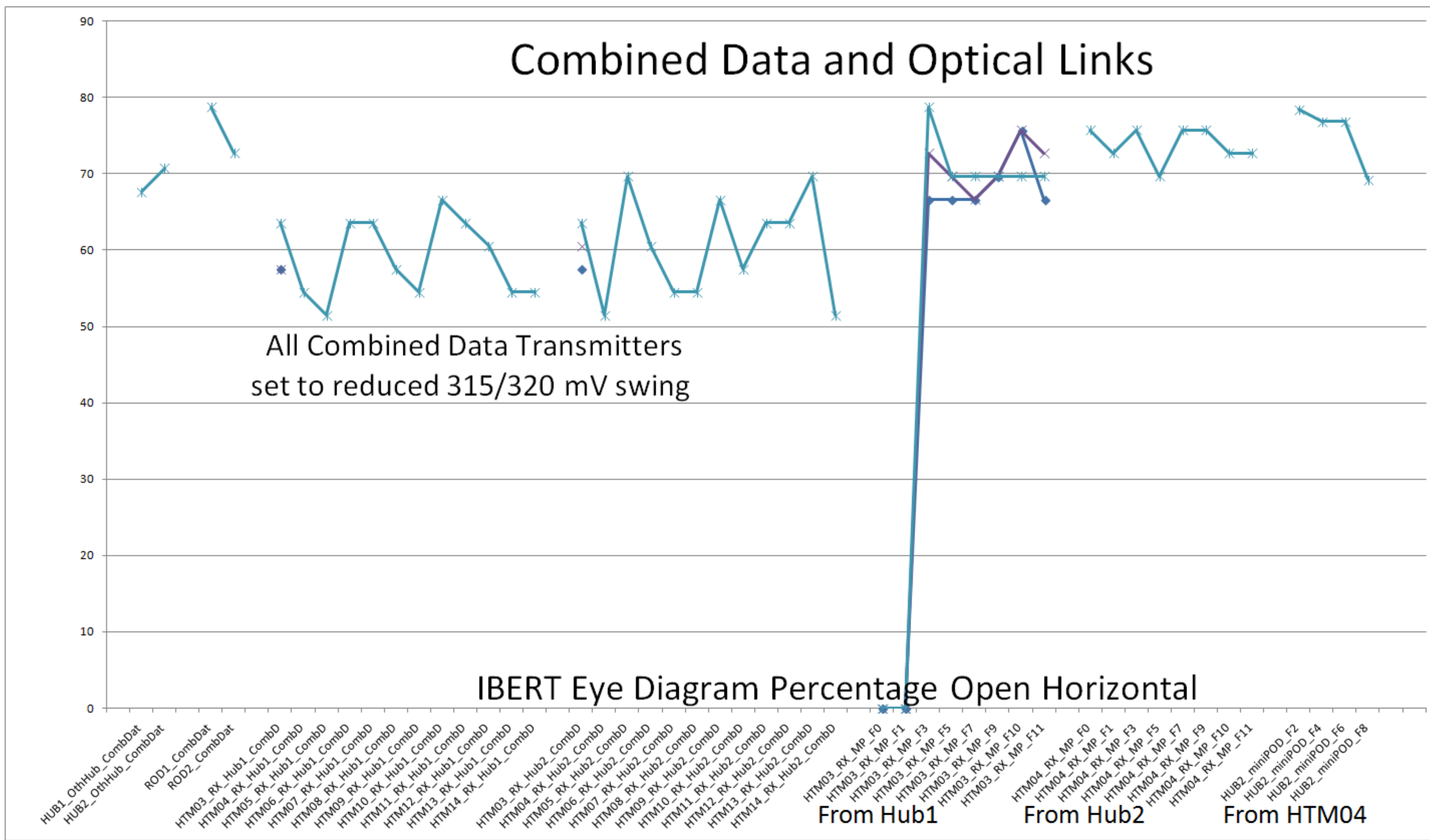
IBERT Eye Diagram Percentage Open Horizontal

- H% 15-Jan-2019_a noDFE EqOFF
- H% 15-Jan-2019_b noDFE EqOFF
- H% 16-Jan-2019_a noDFE EqOFF
- H%
- H%
- H%
- H%

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ROD1: SN04
FW: IBERT 03/05-Aug-2017

Hub2: SN05
FW: IBERT+IPbus
rev 05-Nov-2018
ROD2: SN00
FW: IBERT 03/05-Aug-2017

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rev 07-Sep-2018



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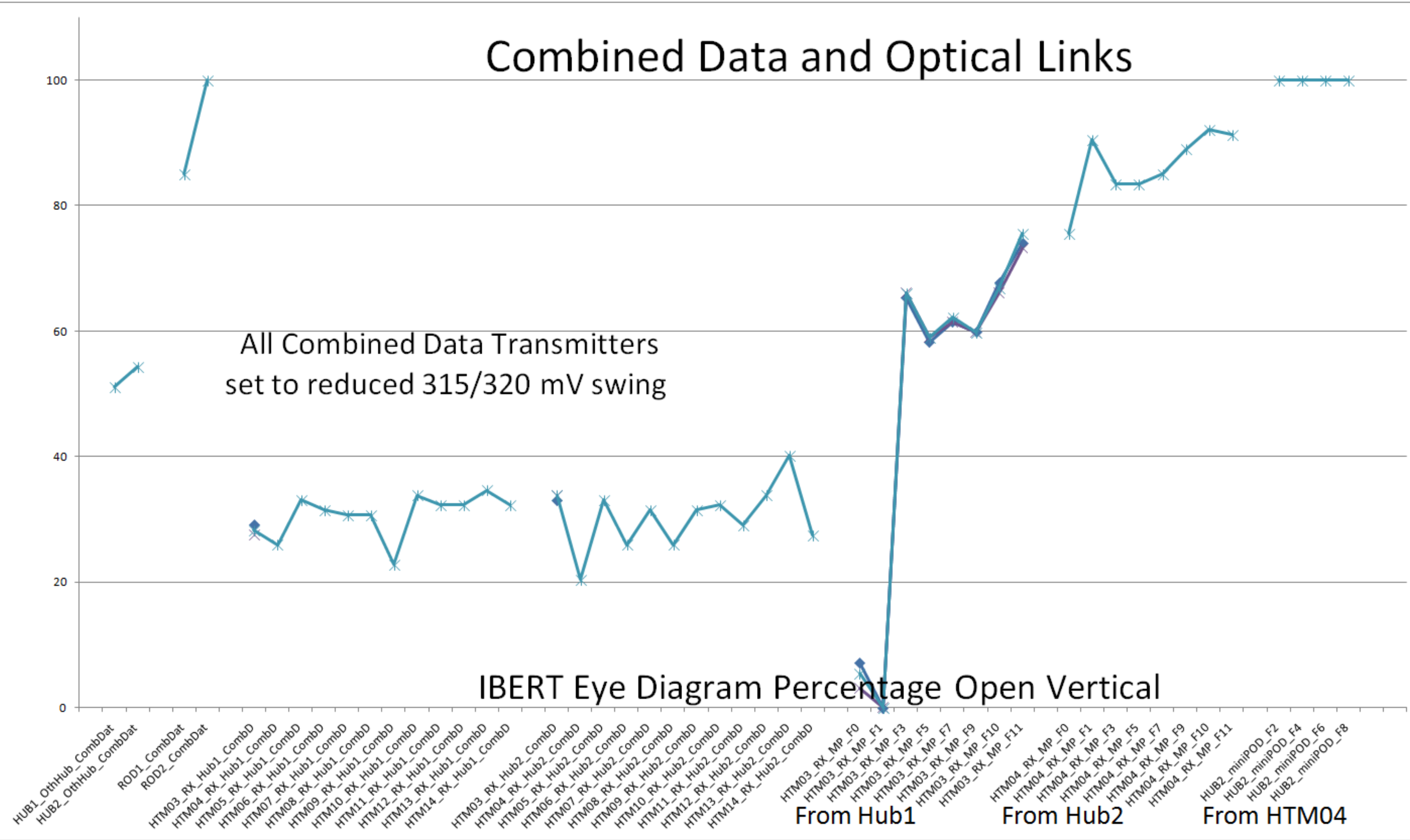
IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF

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IBERT Eye Diagram Percentage Open Vertical



- V% 15-Jan-2019_a noDFE EqOFF
- V% 15-Jan-2019_b noDFE EqOFF
- V% 16-Jan-2019_a noDFE EqOFF
- V%
- V%
- V%
- V%

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ROD1: SN04
FWIBERT 03/05-Aug-2017

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FW: IBERT+IPbus
rev 05-Nov-2018
ROD2: SN00
FWIBERT 03/05-Aug-2017

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