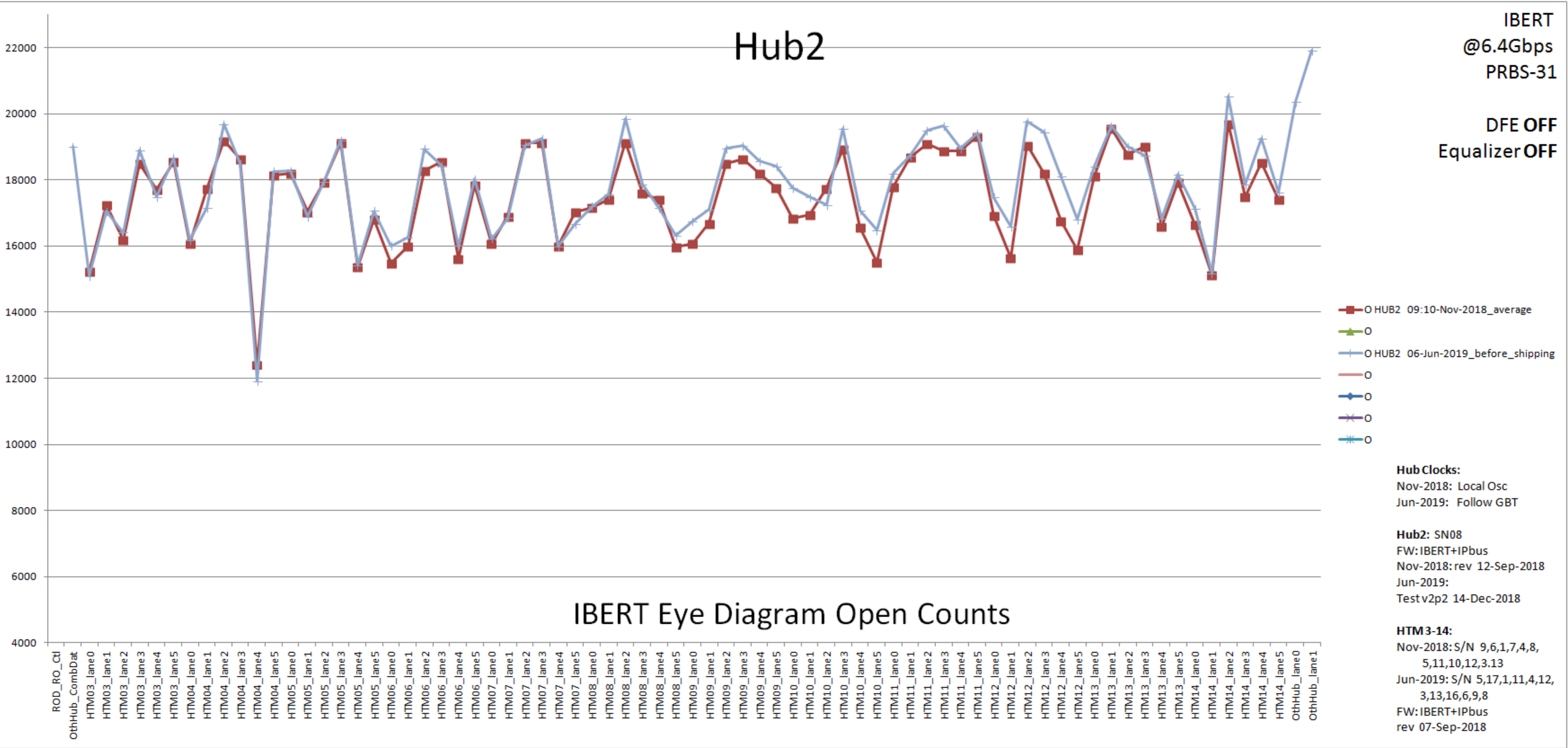


# Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



## IBERT Eye Diagram Open Counts

- O HUB2 09:10-Nov-2018\_average
- ▲ O
- ▲ O HUB2 06-Jun-2019\_before\_shipping
- O
- ◆ O
- ✕ O
- ✱ O

**Hub Clocks:**  
Nov-2018: Local Osc  
Jun-2019: Follow GBT

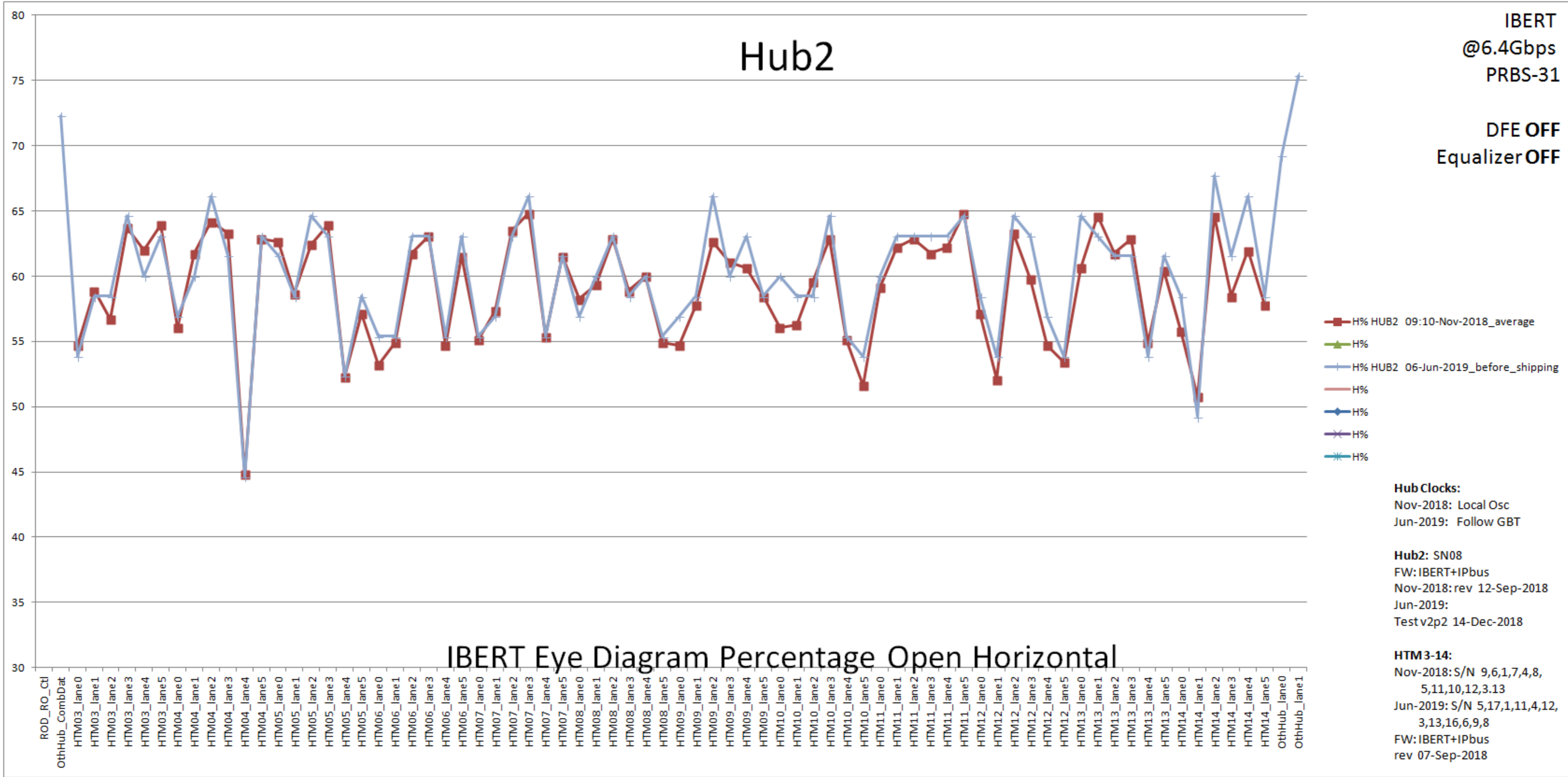
**Hub2: SN08**  
FW: IBERT+IPbus  
Nov-2018: rev 12-Sep-2018  
Jun-2019:  
Test v2p2 14-Dec-2018

**HTM3-14:**  
Nov-2018: S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
Jun-2019: S/N 5,17,1,11,4,12,  
3,13,16,6,9,8  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



- H% HUB2 09:10-Nov-2018\_average
- ▲ H%
- + H% HUB2 06-Jun-2019\_before\_shipping
- H%
- ◆ H%
- × H%
- ✱ H%

**Hub Clocks:**  
Nov-2018: Local Osc  
Jun-2019: Follow GBT

**Hub2: SN08**  
FW: IBERT+IPbus  
Nov-2018: rev 12-Sep-2018  
Jun-2019:  
Test v2p2 14-Dec-2018

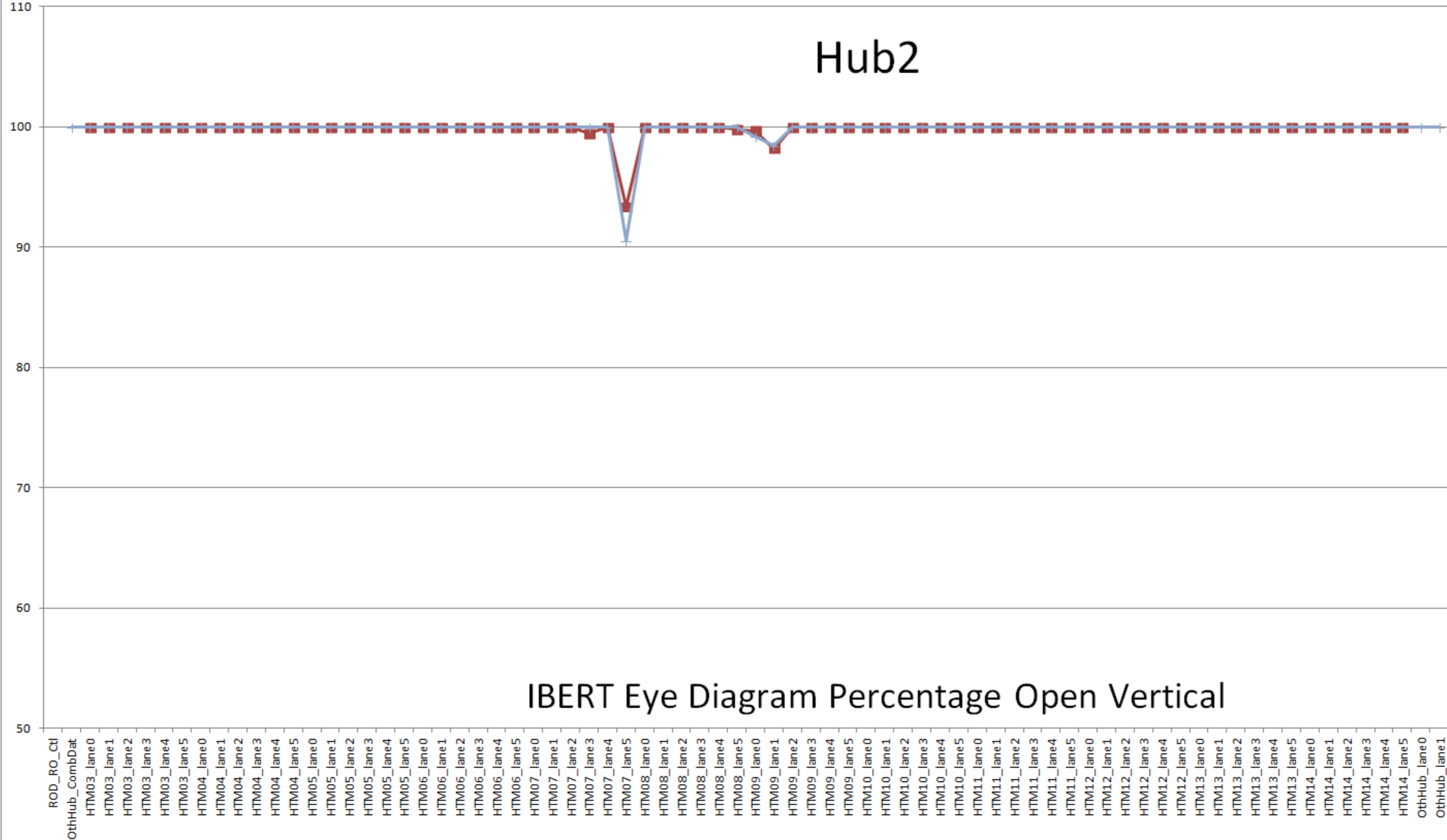
**HTM3-14:**  
Nov-2018: S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
Jun-2019: S/N 5,17,1,11,4,12,  
3,13,16,6,9,8  
FW: IBERT+IPbus  
rev 07-Sep-2018

IBERT Eye Diagram Percentage Open Horizontal

# Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



## IBERT Eye Diagram Percentage Open Vertical

- V% HUB2 09:10-Nov-2018\_average
- ▲ V%
- ▲ V% HUB2 06-Jun-2019\_before\_shipping
- V%
- ◆ V%
- ✕ V%
- ✱ V%

**Hub Clocks:**  
Nov-2018: Local Osc  
Jun-2019: Follow GBT

**Hub2: SN08**  
FW: IBERT+IPbus  
Nov-2018: rev 12-Sep-2018  
Jun-2019:  
Test v2p2 14-Dec-2018

**HTM3-14:**  
Nov-2018: S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
Jun-2019: S/N 5,17,1,11,4,12,  
3,13,16,6,9,8  
FW: IBERT+IPbus  
rev 07-Sep-2018