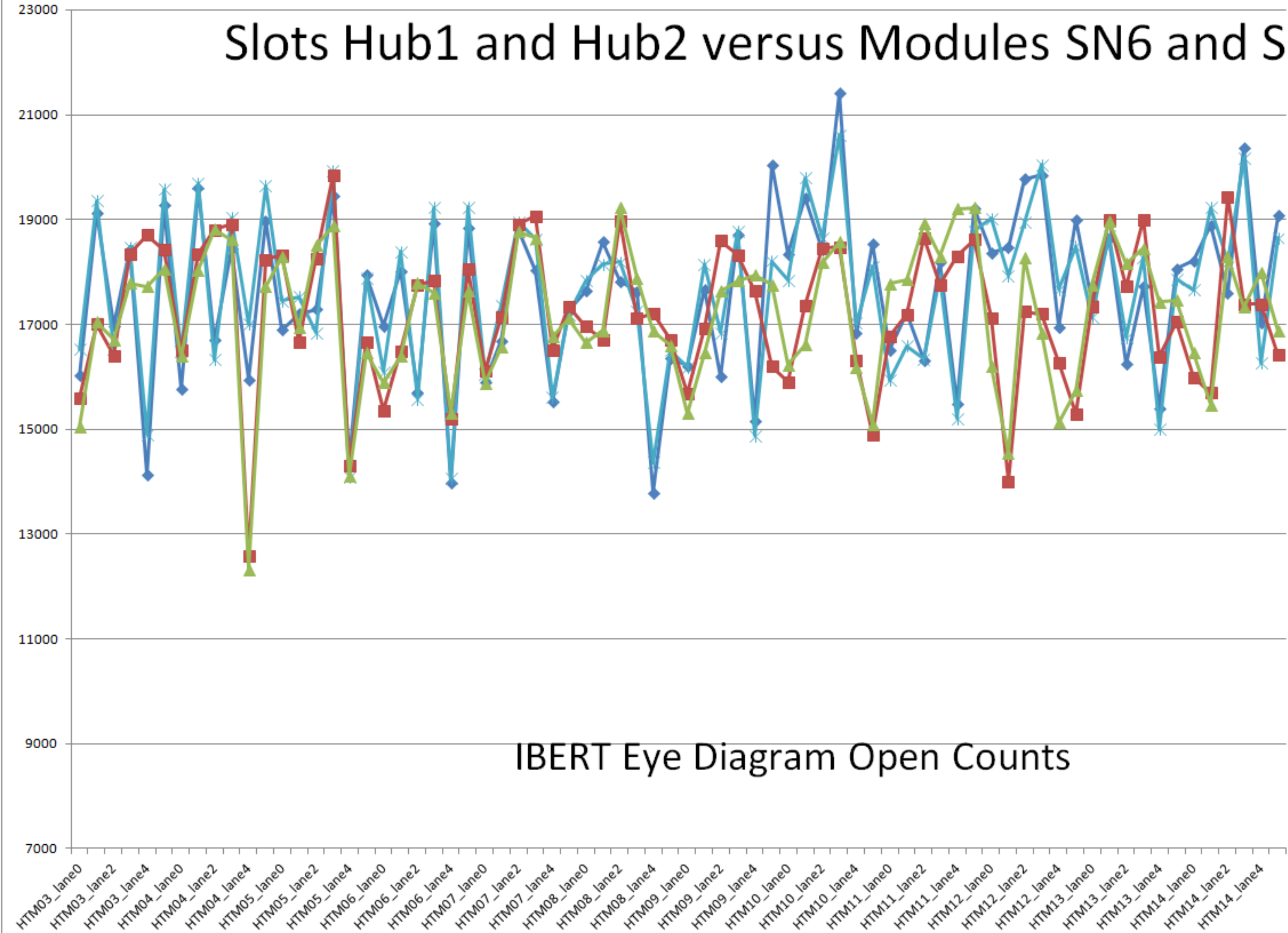


# Slots Hub1 and Hub2 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



O HUB1\_SN6 26:27-Oct-2018\_avg  
O HUB1\_SN7 23:26-Oct-2018\_avg  
O HUB2\_SN7 26:27-Oct-2018\_avg  
O HUB2\_SN6 23:26-Oct-2018\_avg

## IBERT Eye Diagram Open Counts

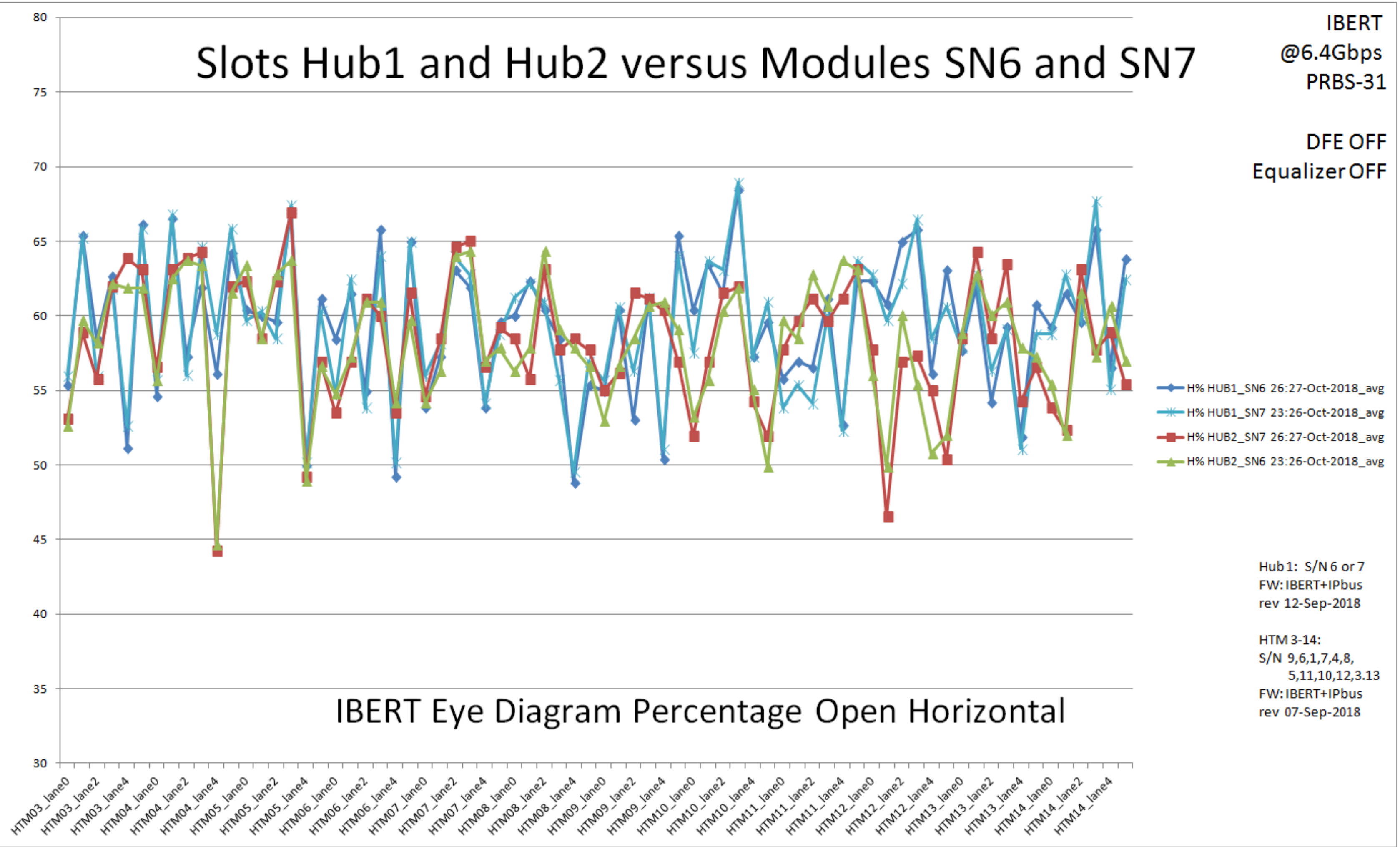
Hub1: S/N 6 or 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3.13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Slots Hub1 and Hub2 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



## IBERT Eye Diagram Percentage Open Horizontal

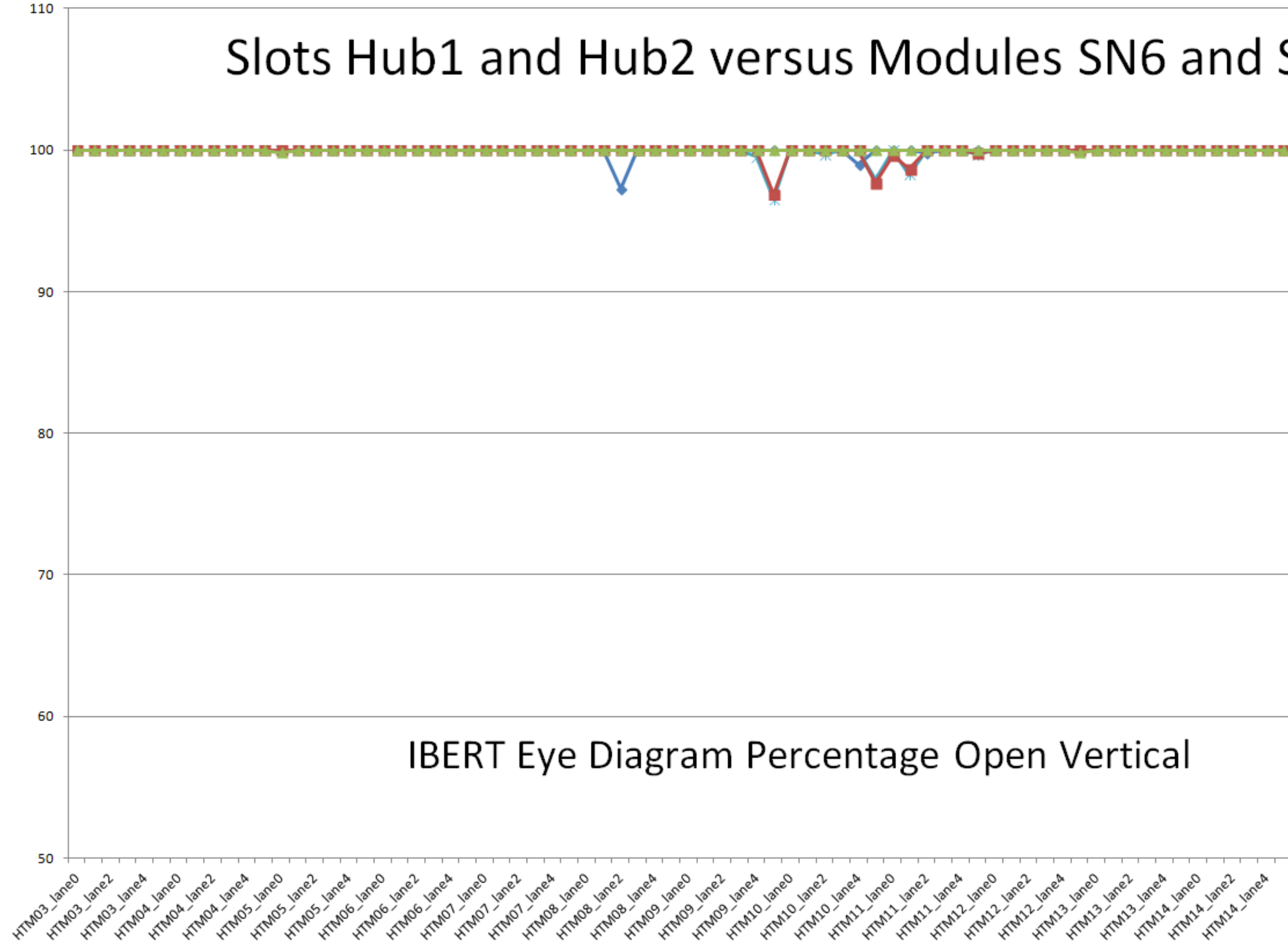
Hub1: S/N 6 or 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3.13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Slots Hub1 and Hub2 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



- V% HUB1\_SN6 26:27-Oct-2018\_avg
- V% HUB1\_SN7 23:26-Oct-2018\_avg
- V% HUB2\_SN7 26:27-Oct-2018\_avg
- V% HUB2\_SN6 23:26-Oct-2018\_avg

## IBERT Eye Diagram Percentage Open Vertical

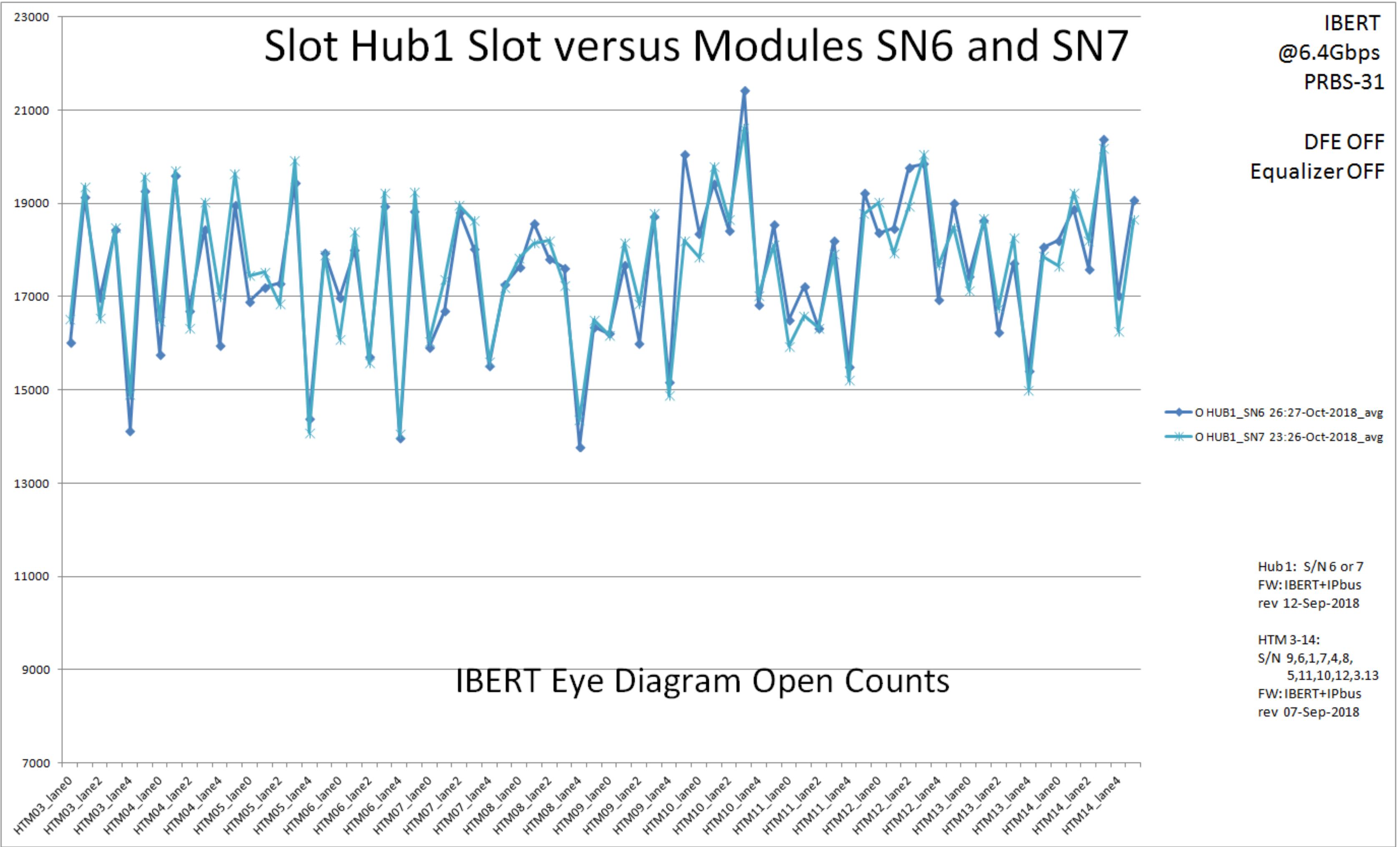
Hub1: S/N 6 or 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Slot Hub1 Slot versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



## IBERT Eye Diagram Open Counts

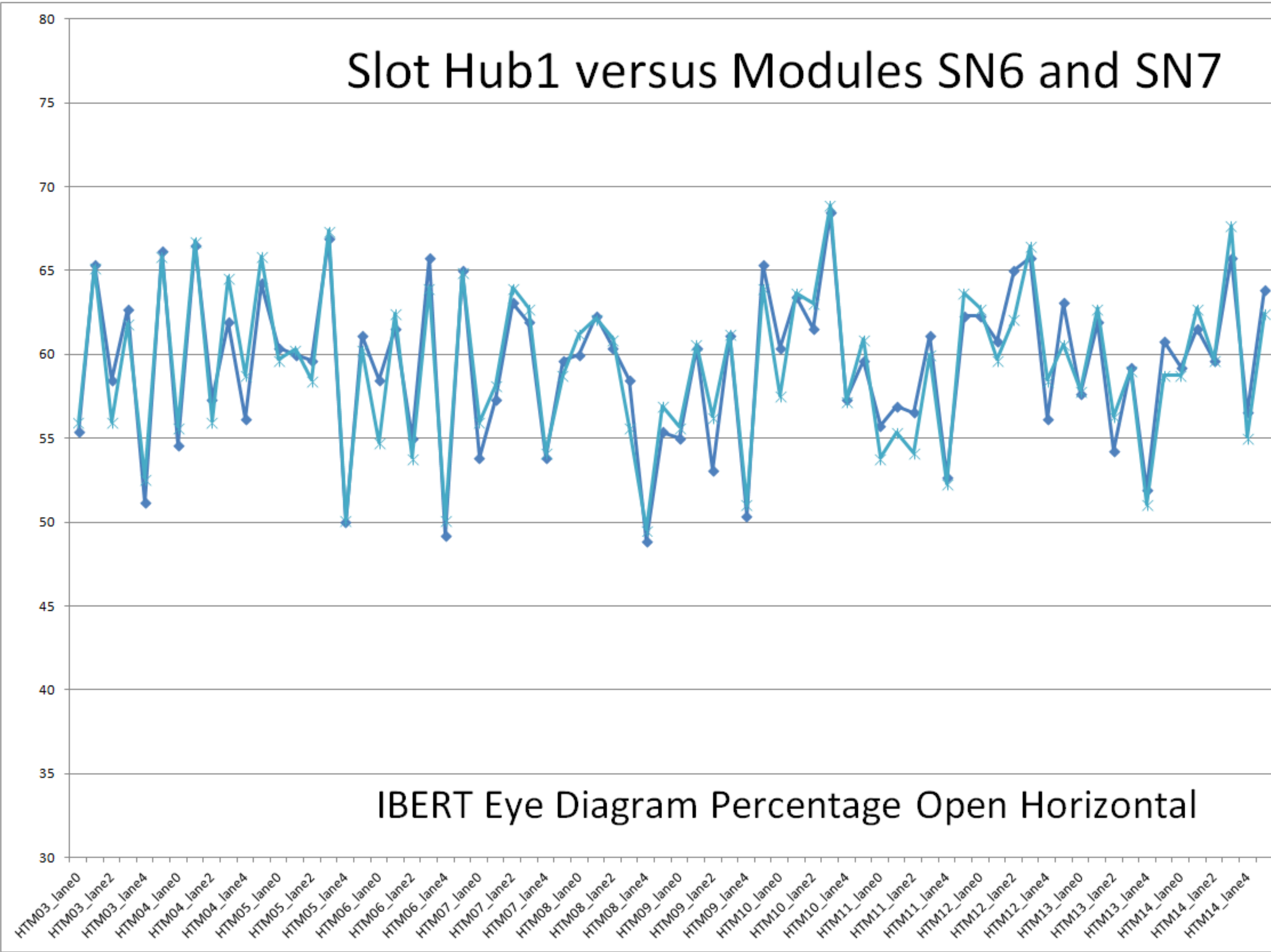
Hub1: S/N 6 or 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Slot Hub1 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



Legend:  
H% HUB1\_SN6 26:27-Oct-2018\_avg (Blue line with diamond markers)  
H% HUB1\_SN7 23:26-Oct-2018\_avg (Teal line with asterisk markers)

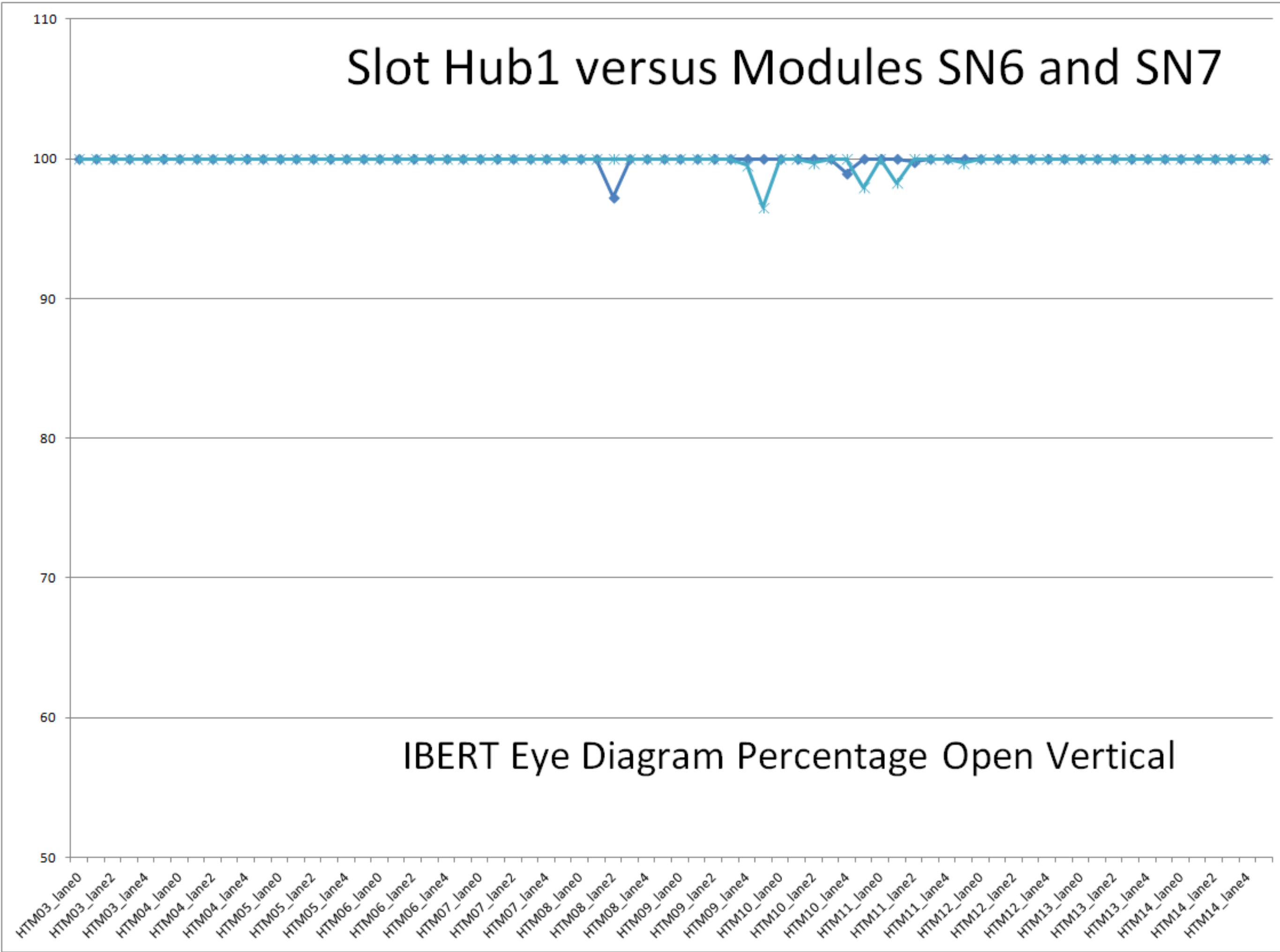
Hub1: S/N 6 or 7  
FW: IBERT+IPbus  
rev 12-Sep-2018  
  
HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

## IBERT Eye Diagram Percentage Open Horizontal

# Slot Hub1 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



◆ V% HUB1\_SN6 26:27-Oct-2018\_avg  
\* V% HUB1\_SN7 23:26-Oct-2018\_avg

## IBERT Eye Diagram Percentage Open Vertical

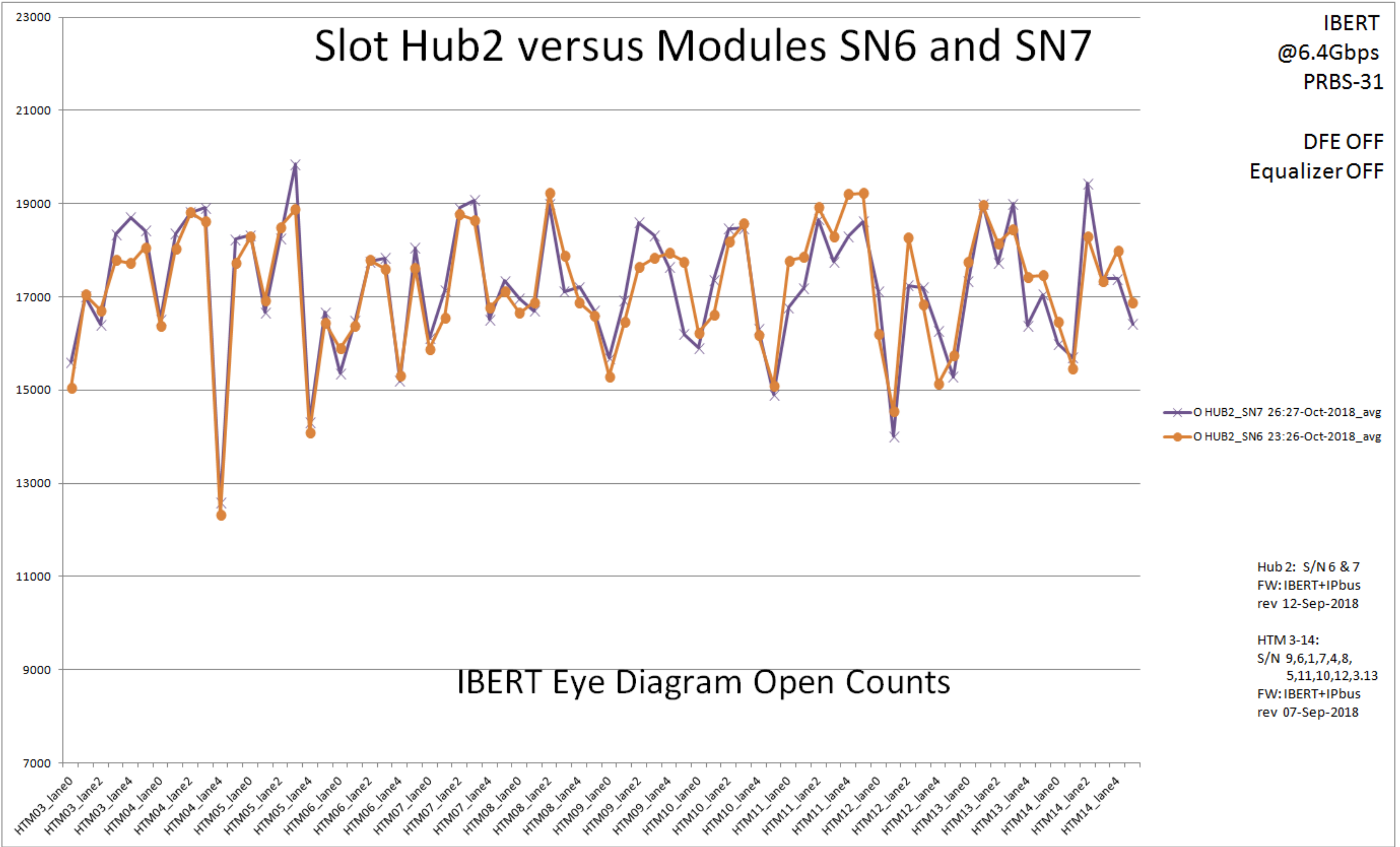
Hub1: S/N 6 or 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Slot Hub2 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



## IBERT Eye Diagram Open Counts

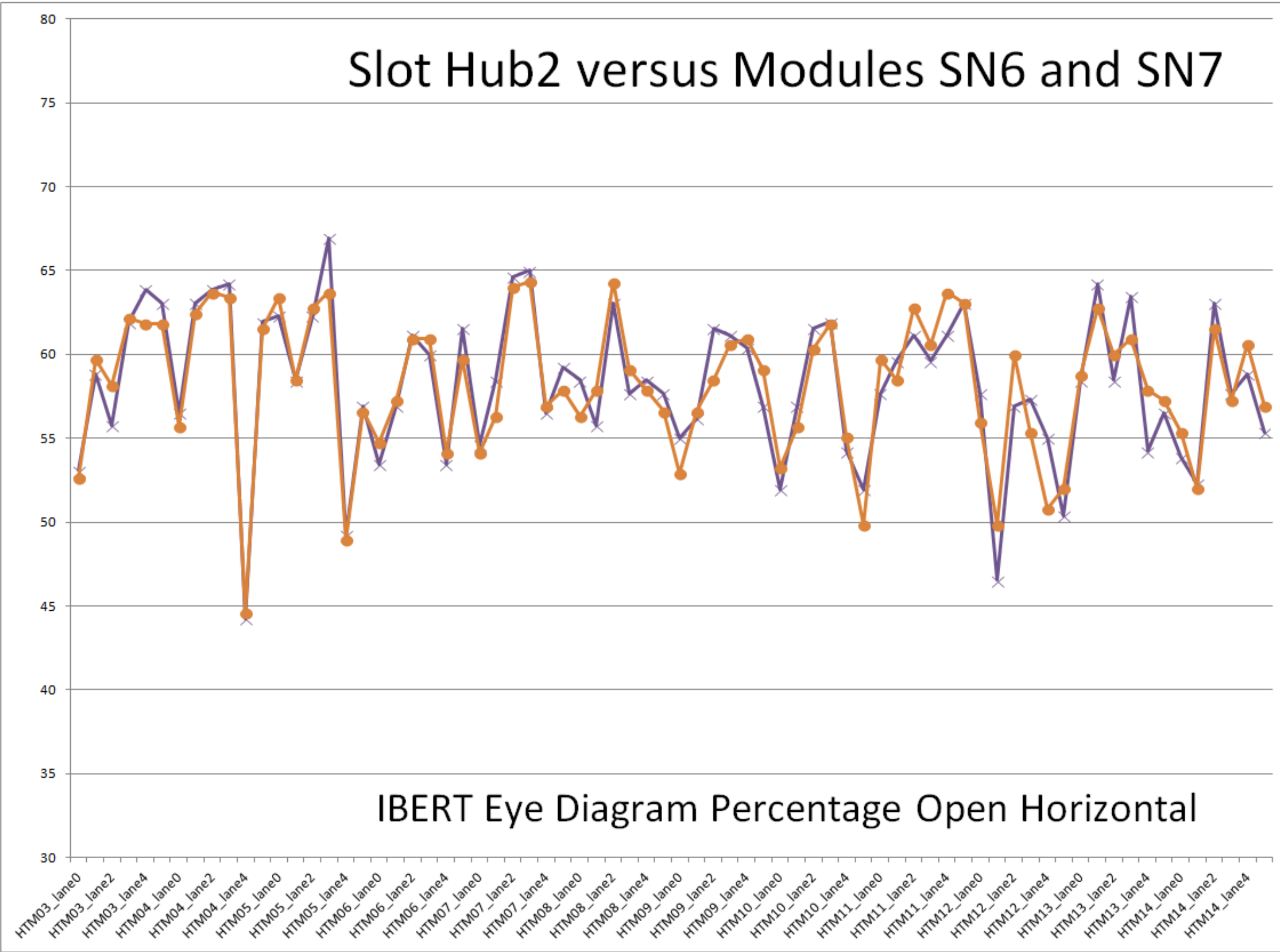
Hub 2: S/N 6 & 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Slot Hub2 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



x H% HUB2\_SN7 26:27-Oct-2018\_avg  
● H% HUB2\_SN6 23:26-Oct-2018\_avg

Hub 2: S/N 6 & 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

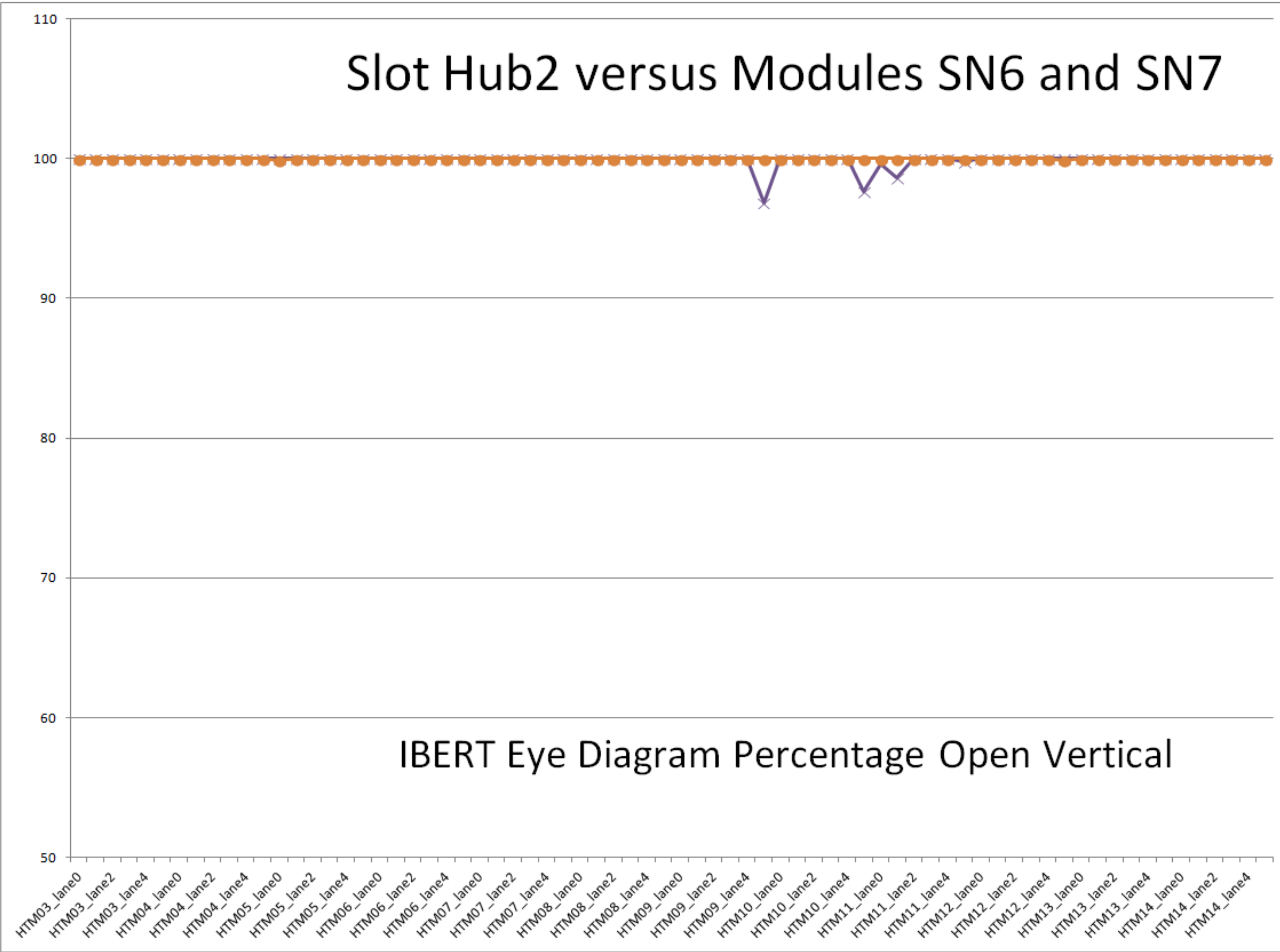
## IBERT Eye Diagram Percentage Open Horizontal



# Slot Hub2 versus Modules SN6 and SN7

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



V% HUB2\_SN7 26:27-Oct-2018\_avg  
V% HUB2\_SN6 23:26-Oct-2018\_avg

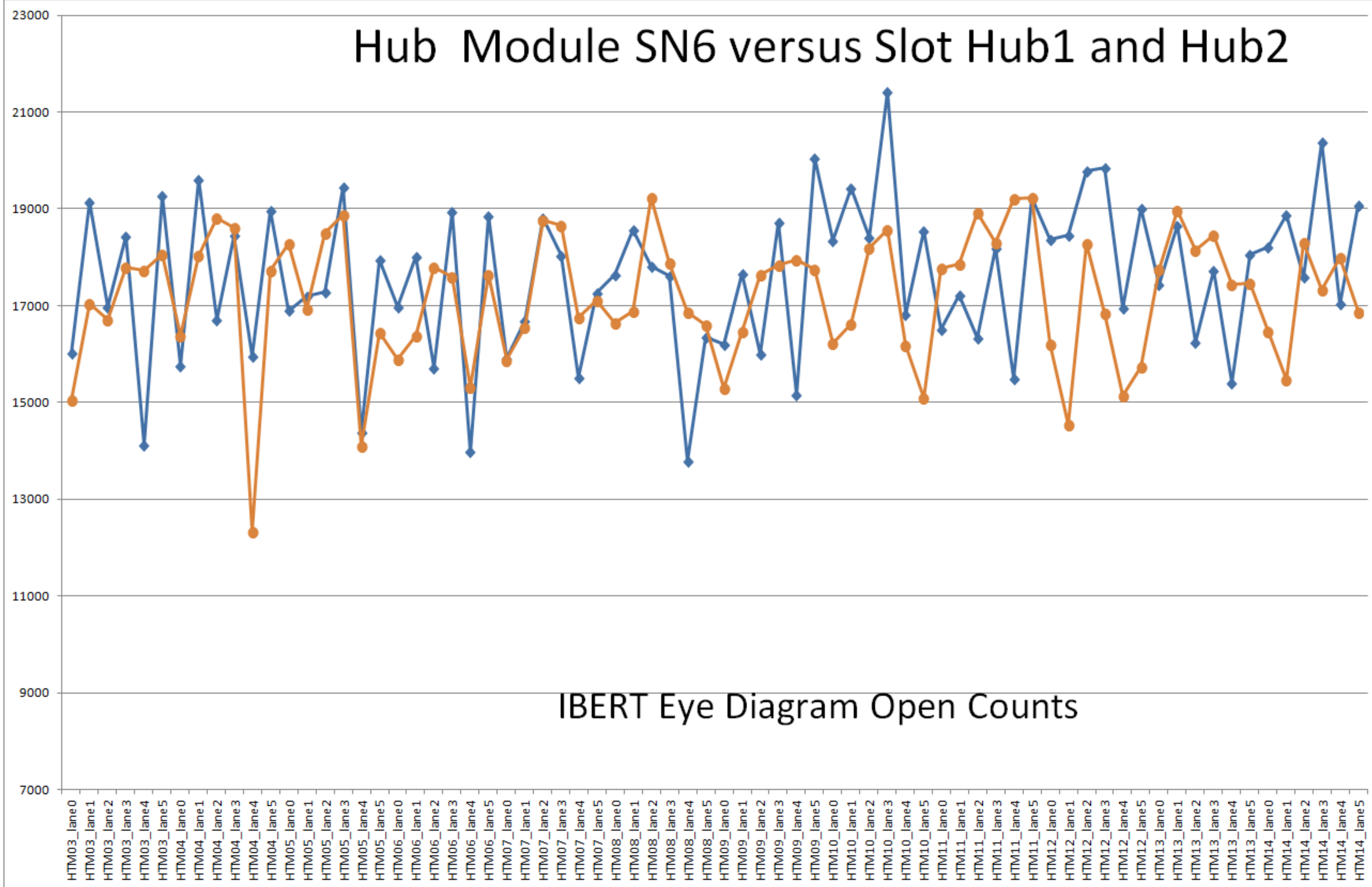
## IBERT Eye Diagram Percentage Open Vertical

Hub 2: S/N 6 & 7  
FW: IBERT+IPbus  
rev 12-Sep-2018  
  
HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3.13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Hub Module SN6 versus Slot Hub1 and Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



## IBERT Eye Diagram Open Counts

Hub1: S/N 6  
FW:IBERT+IPbus  
rev 12-Sep-2018

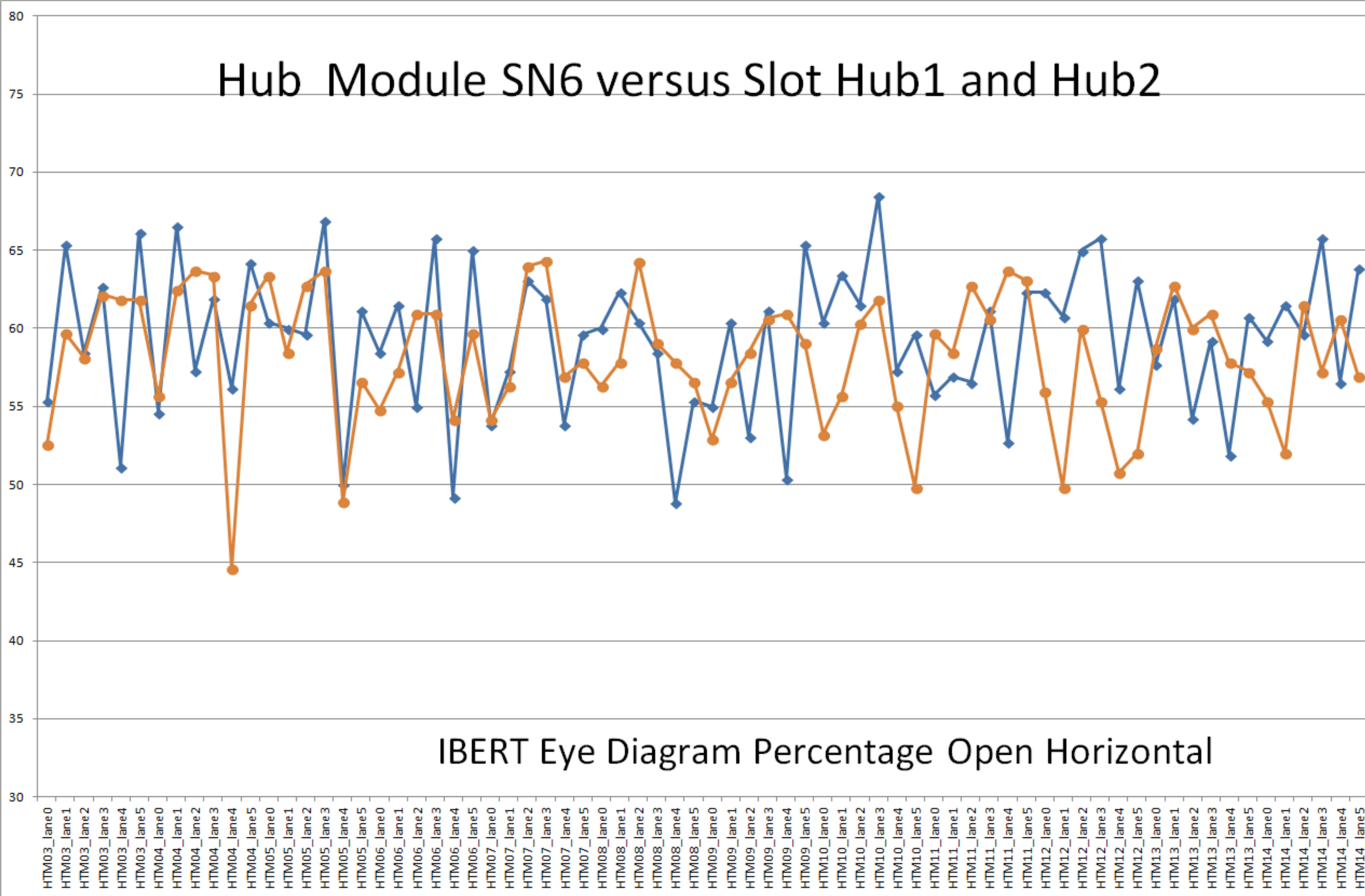
Hub2: S/N 6  
FW:IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW:IBERT+IPbus  
rev 07-Sep-2018

# Hub Module SN6 versus Slot Hub1 and Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



Legend:  
◆ H% HUB1\_S/N6 26:27-Oct-2018\_avg  
● H% HUB2\_S/N6 23:26-Oct-2018\_avg

Hub1: S/N 6  
FW: IBERT+IPbus  
rev 12-Sep-2018

Hub2: S/N 6  
FW: IBERT+IPbus  
rev 12-Sep-2018

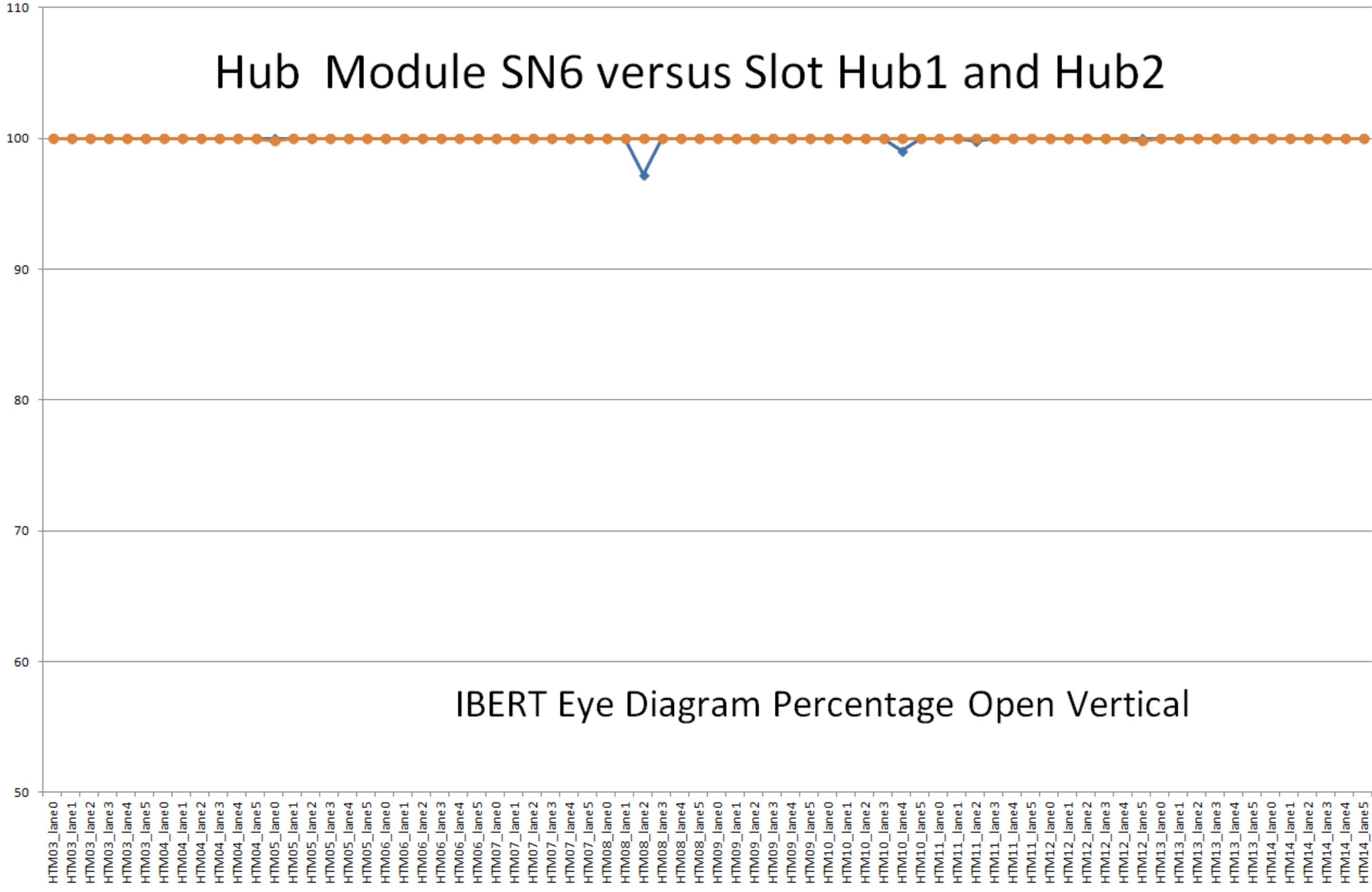
HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

## IBERT Eye Diagram Percentage Open Horizontal

# Hub Module SN6 versus Slot Hub1 and Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



V% HUB1\_SN6 26:27-Oct-2018\_avg  
V% HUB2\_SN6 23:26-Oct-2018\_avg

## IBERT Eye Diagram Percentage Open Vertical

Hub 1: S/N 6  
FW: IBERT+IPbus  
rev 12-Sep-2018

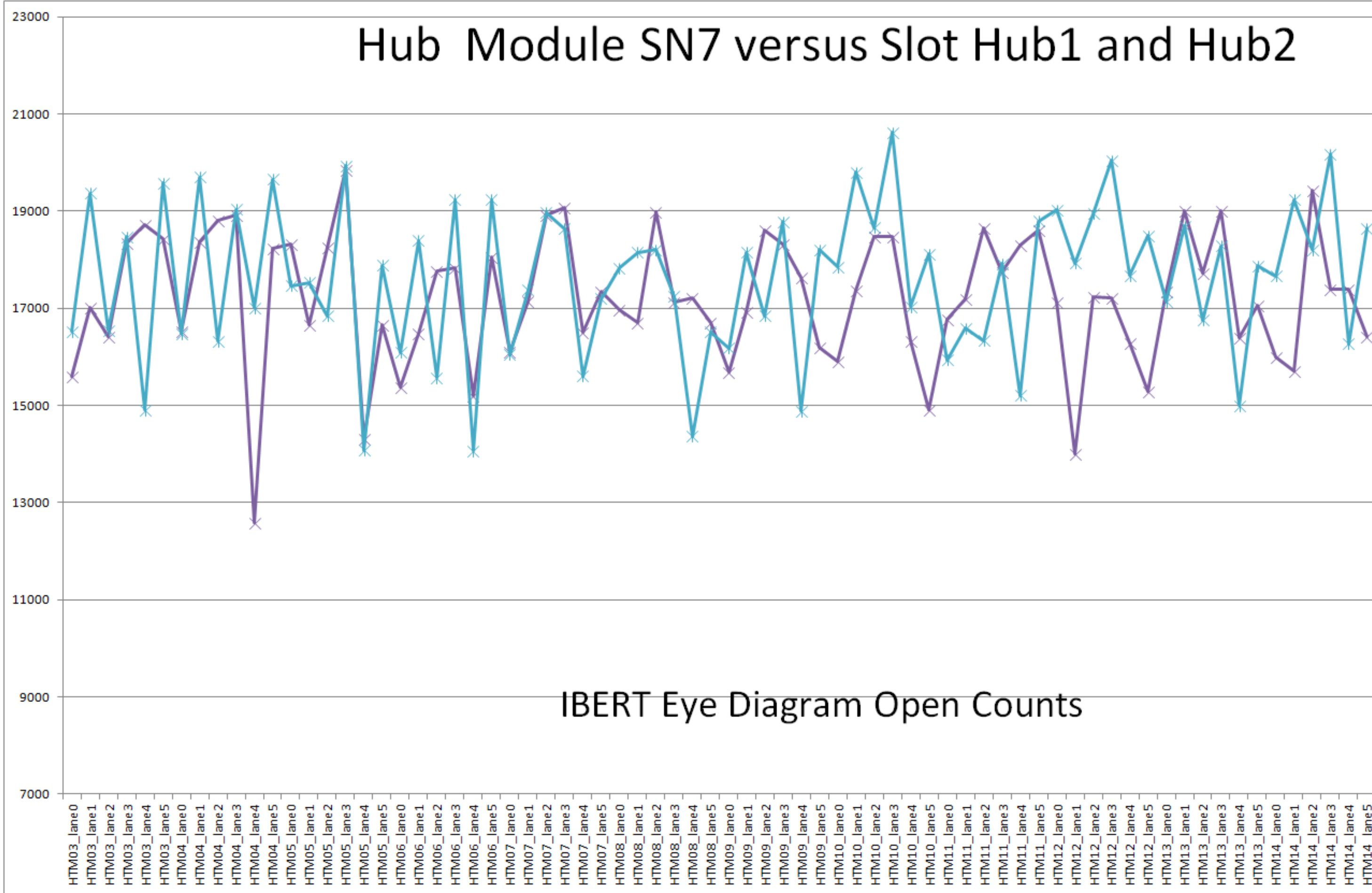
Hub 2: S/N 6  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Hub Module SN7 versus Slot Hub1 and Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



x O HUB2\_SN7 26:27-Oct-2018\_avg  
\* O HUB1\_SN7 23:26-Oct-2018\_avg

## IBERT Eye Diagram Open Counts

Hub 1: S/N 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

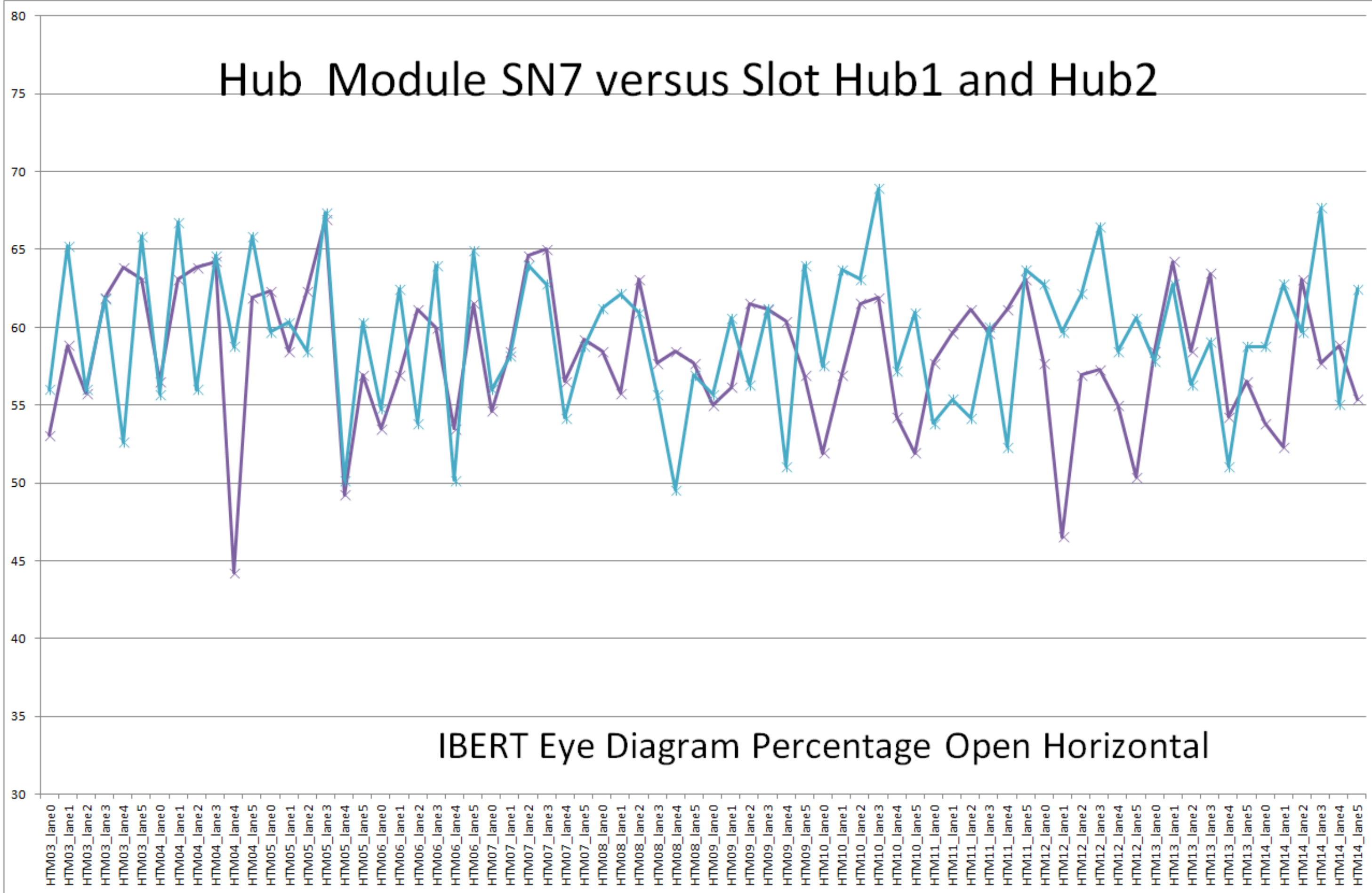
Hub 2: S/N 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Hub Module SN7 versus Slot Hub1 and Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



H% HUB2\_SN6 26:27-Oct-2018\_avg  
H% HUB1\_SN7 23:26-Oct-2018\_avg

## IBERT Eye Diagram Percentage Open Horizontal

Hub1: S/N 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

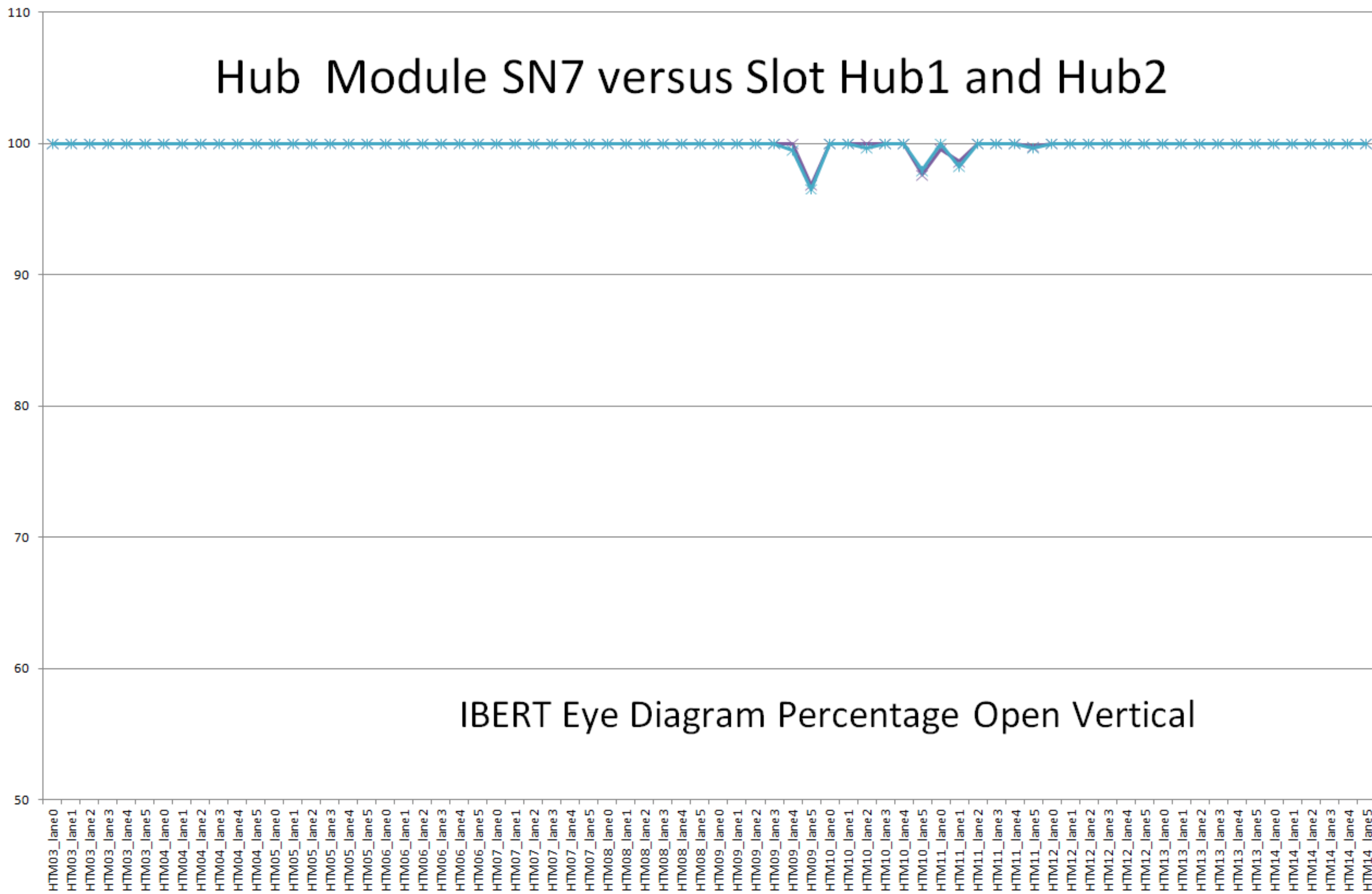
Hub2: S/N 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018

# Hub Module SN7 versus Slot Hub1 and Hub2

IBERT  
@6.4Gbps  
PRBS-31

DFE OFF  
Equalizer OFF



V% HUB2\_SN7 26:27-Oct-2018\_avg  
V% HUB1\_SN7 23:26-Oct-2018\_avg

## IBERT Eye Diagram Percentage Open Vertical

Hub 1: S/N 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

Hub 2: S/N 7  
FW: IBERT+IPbus  
rev 12-Sep-2018

HTM 3-14:  
S/N 9,6,1,7,4,8,  
5,11,10,12,3,13  
FW: IBERT+IPbus  
rev 07-Sep-2018