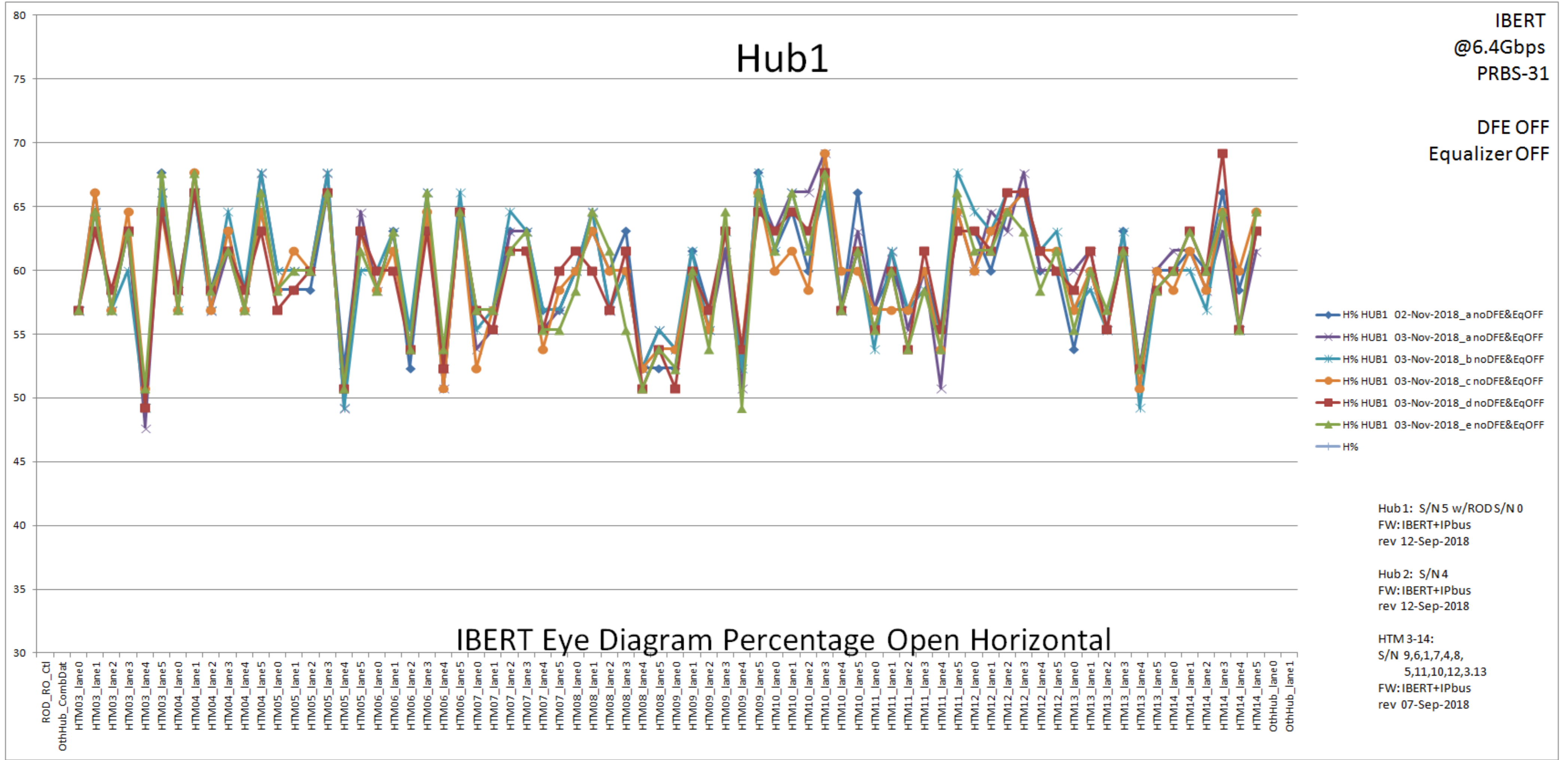


Hub1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



IBERT Eye Diagram Percentage Open Horizontal

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

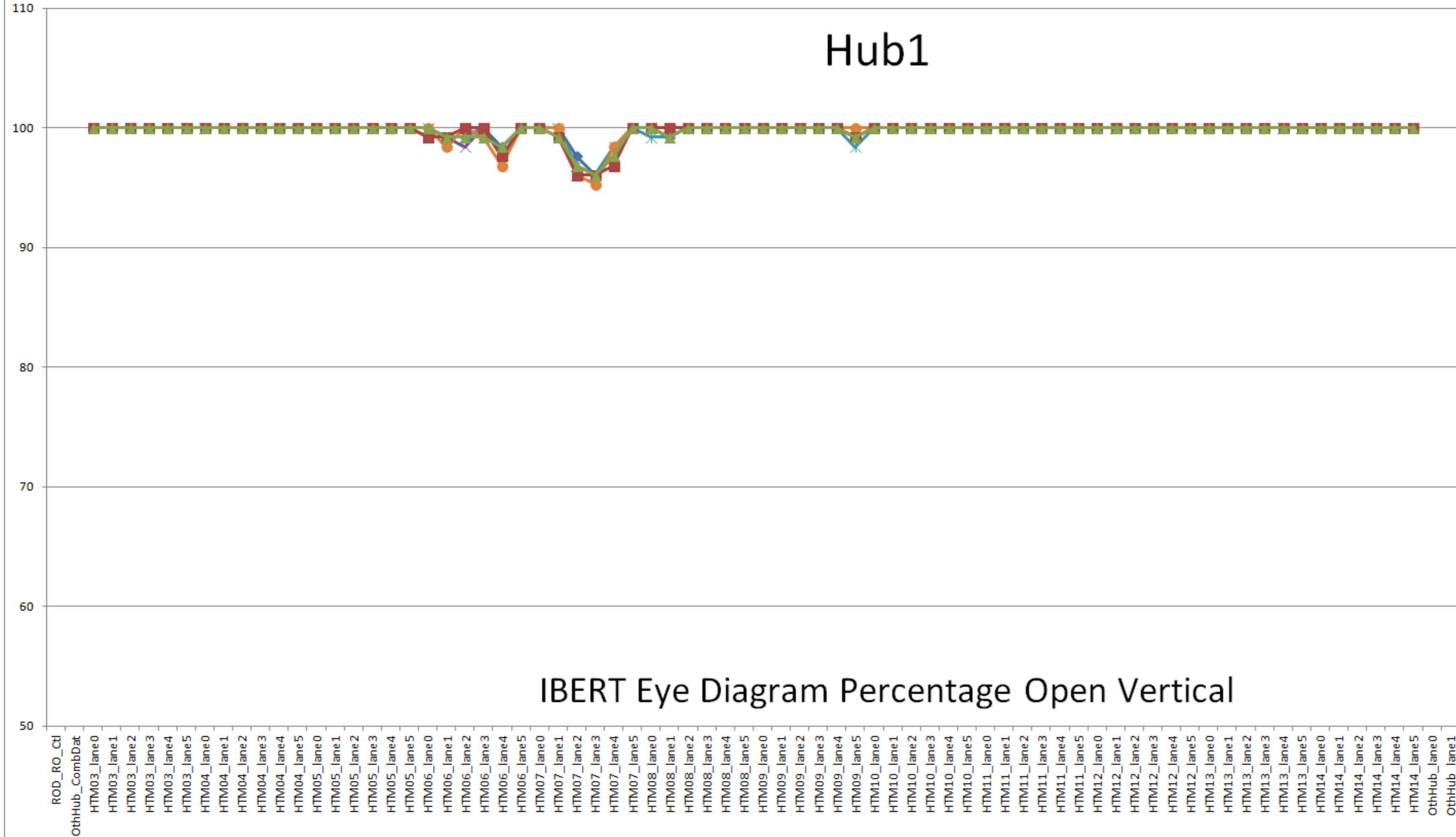
Hub2: S/N4
FW: IBERT+IPbus
rev 12-Sep-2018

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

Hub1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



IBERT Eye Diagram Percentage Open Vertical

- V% HUB1 02-Nov-2018_a noDFE&EqOFF
- V% HUB1 03-Nov-2018_a noDFE&EqOFF
- V% HUB1 03-Nov-2018_b noDFE&EqOFF
- V% HUB1 03-Nov-2018_c noDFE&EqOFF
- V% HUB1 03-Nov-2018_d noDFE&EqOFF
- V% HUB1 03-Nov-2018_e noDFE&EqOFF
- V%

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

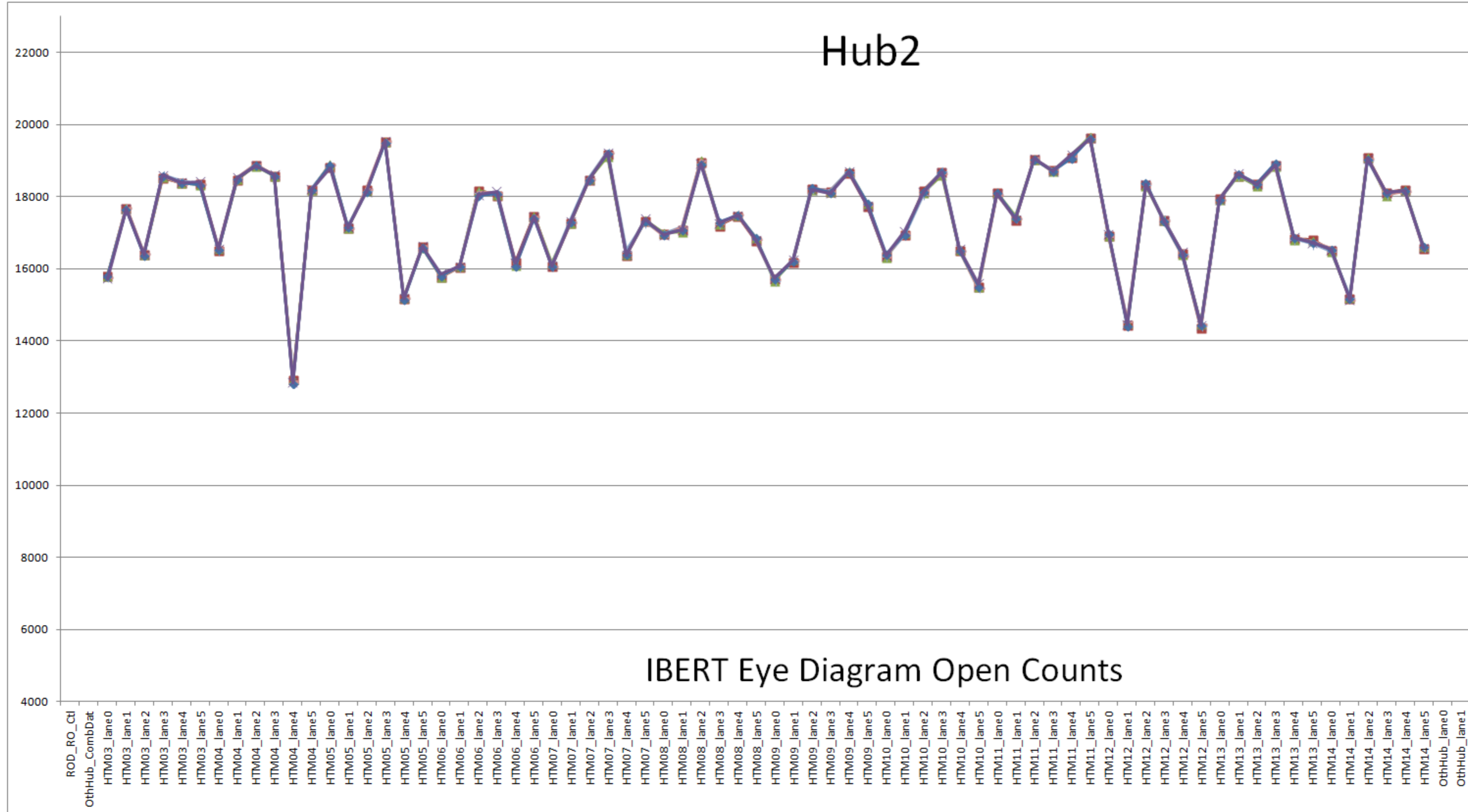
Hub2: S/N4
FW: IBERT+IPbus
rev 12-Sep-2018

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

Hub2

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



- O HUB2 02-Nov-2018_a noDFE&EqOFF
- ▲ O HUB2 03-Nov-2018_a noDFE&EqOFF
- + O HUB2 03-Nov-2018_b noDFE&EqOFF
- O HUB2 03-Nov-2018_c noDFE&EqOFF
- ◆ O HUB2 03-Nov-2018_d noDFE&EqOFF
- ✖ O HUB2 03-Nov-2018_e noDFE&EqOFF
- ✧ O

Hub1: S/N5 w/RODS/N0
FW:IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N4
FW:IBERT+IPbus
rev 12-Sep-2018

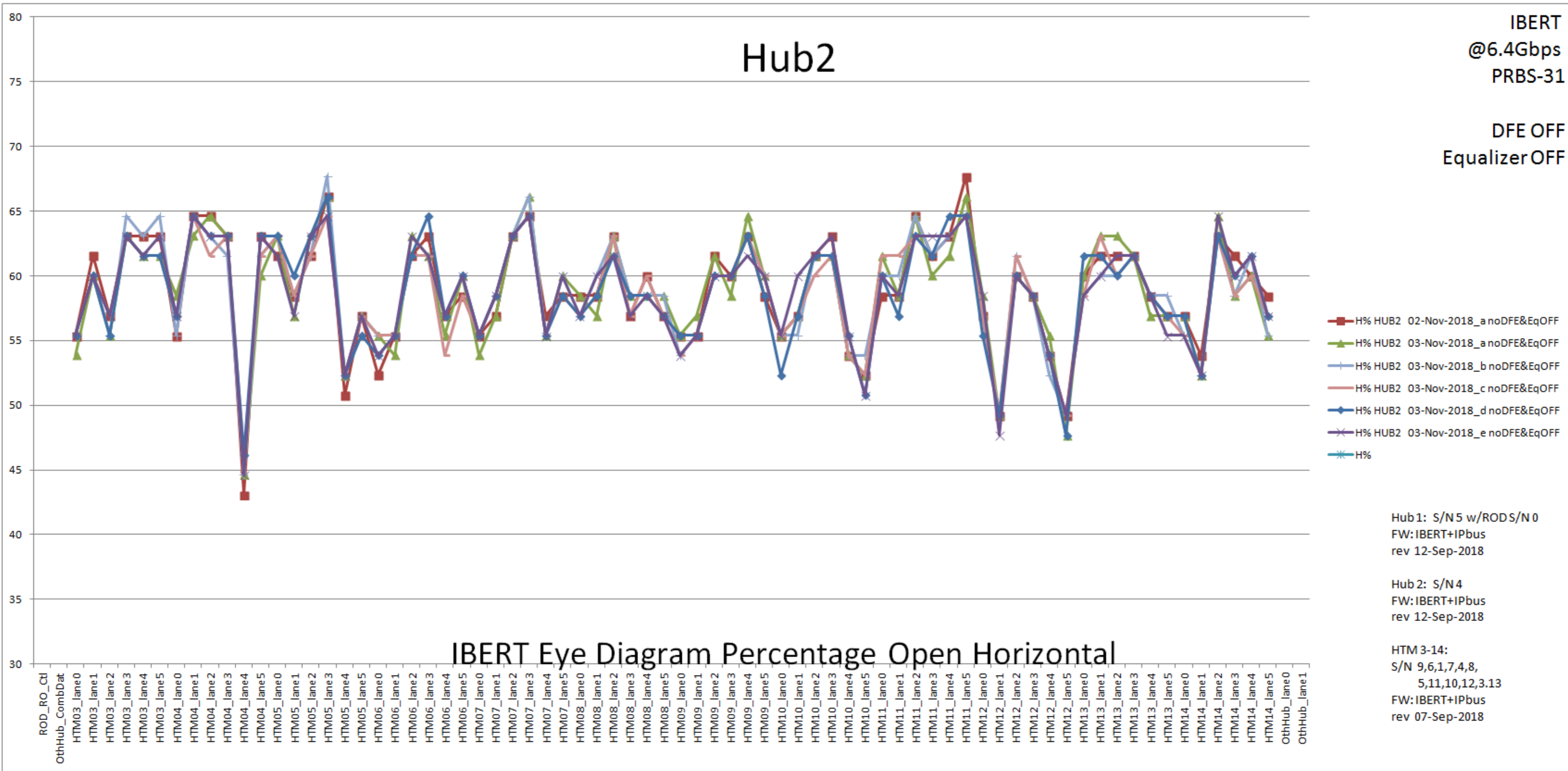
HTM 3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW:IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Open Counts

Hub2

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



IBERT Eye Diagram Percentage Open Horizontal

Hub1: S/N 5 w/RODS/N 0
FW: IBERT+IPbus
rev 12-Sep-2018

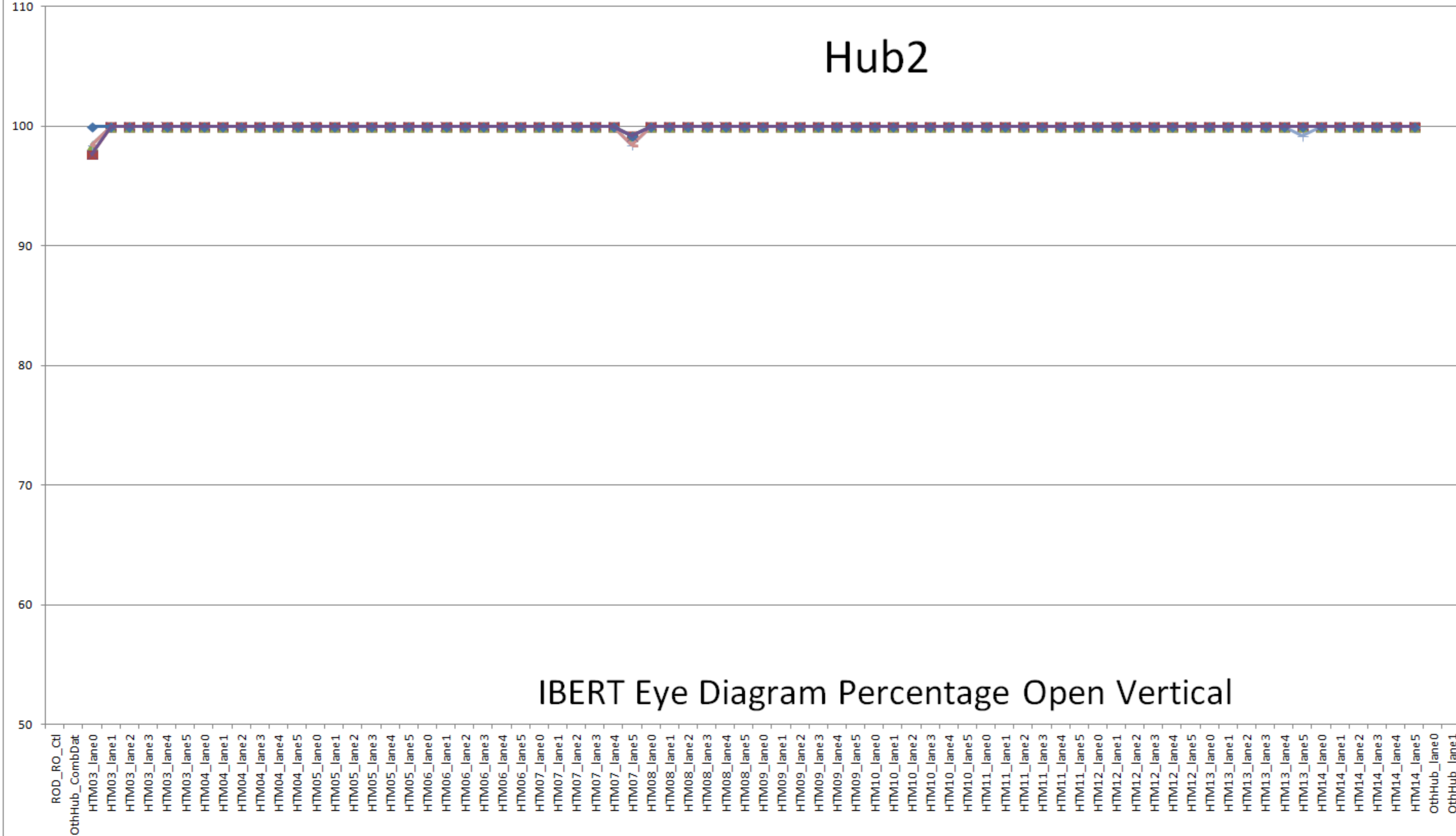
Hub2: S/N 4
FW: IBERT+IPbus
rev 12-Sep-2018

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

Hub2

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



- V% HUB2 02-Nov-2018_a noDFE&EqOFF
- V% HUB2 03-Nov-2018_a noDFE&EqOFF
- V% HUB2 03-Nov-2018_b noDFE&EqOFF
- V% HUB2 03-Nov-2018_c noDFE&EqOFF
- V% HUB2 03-Nov-2018_d noDFE&EqOFF
- V% HUB2 03-Nov-2018_e noDFE&EqOFF
- V%

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N4
FW: IBERT+IPbus
rev 12-Sep-2018

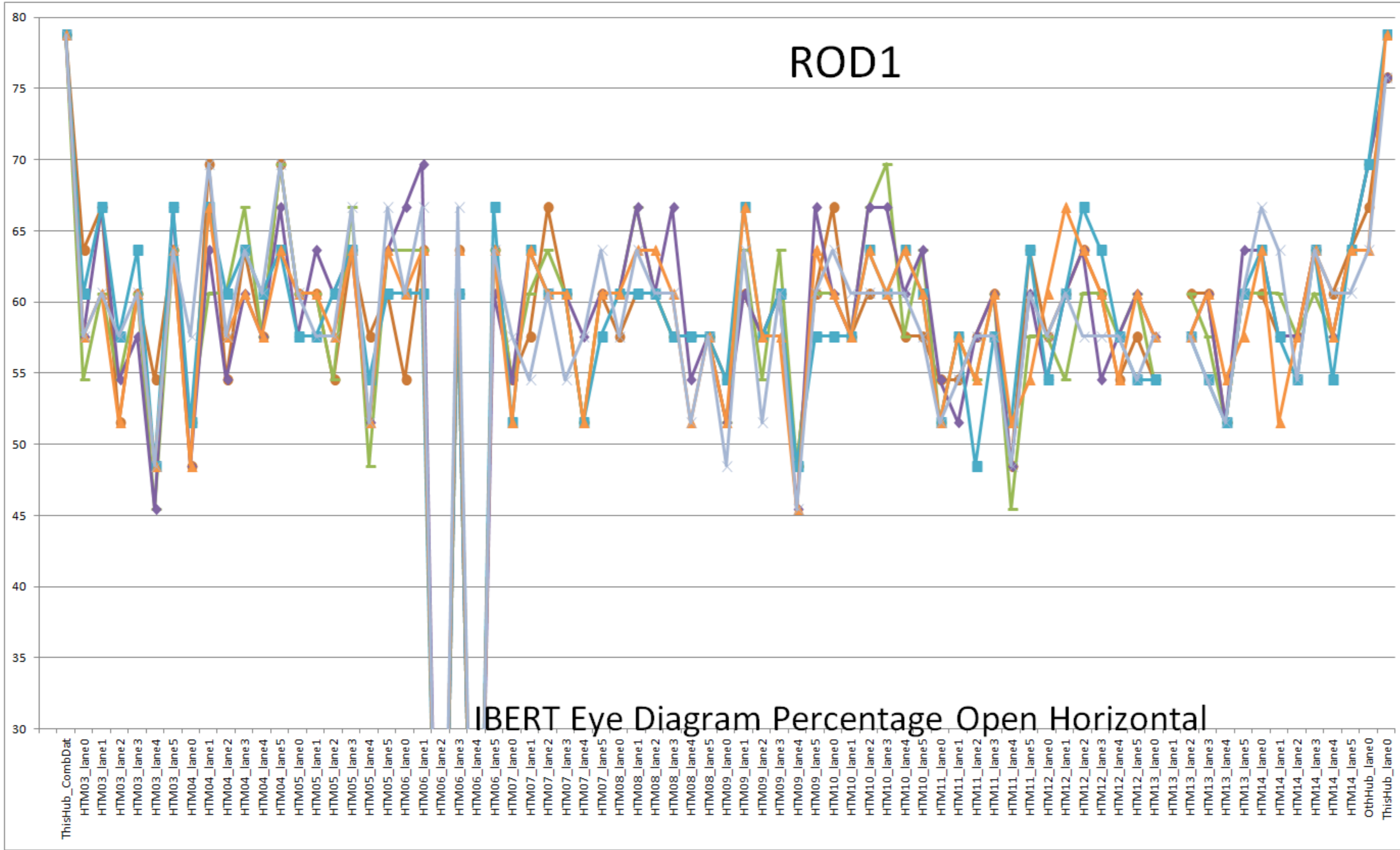
HTM 3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Percentage Open Vertical

ROD1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



- H% ROD1 02-Nov-2018_a noDFE&EqOFF
- H% ROD1 03-Nov-2018_a noDFE&EqOFF
- H% ROD1 03-Nov-2018_b noDFE&EqOFF
- H% ROD1 03-Nov-2018_c noDFE&EqOFF
- H% ROD1 03-Nov-2018_d noDFE&EqOFF
- H% ROD1 03-Nov-2018_e noDFE&EqOFF
- H%

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N4
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

ROD1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF

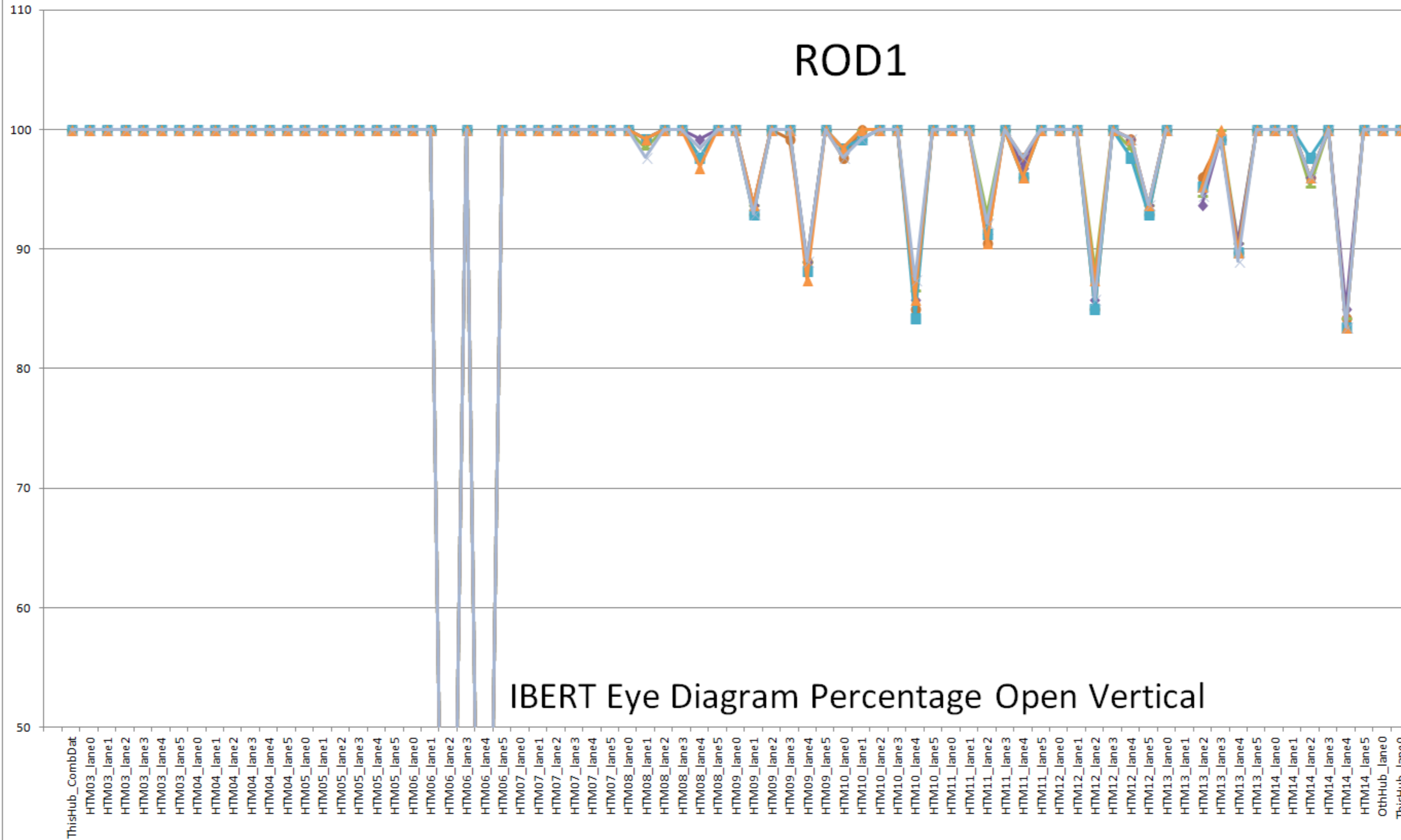
- V% ROD1 02-Nov-2018_a noDFE&EqOFF
- V% ROD1 03-Nov-2018_a noDFE&EqOFF
- V% ROD1 03-Nov-2018_b noDFE&EqOFF
- V% ROD1 03-Nov-2018_c noDFE&EqOFF
- V% ROD1 03-Nov-2018_d noDFE&EqOFF
- V% ROD1 03-Nov-2018_e noDFE&EqOFF
- V%

Hub1: S/N 5 w/RODS/N 0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N 4
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

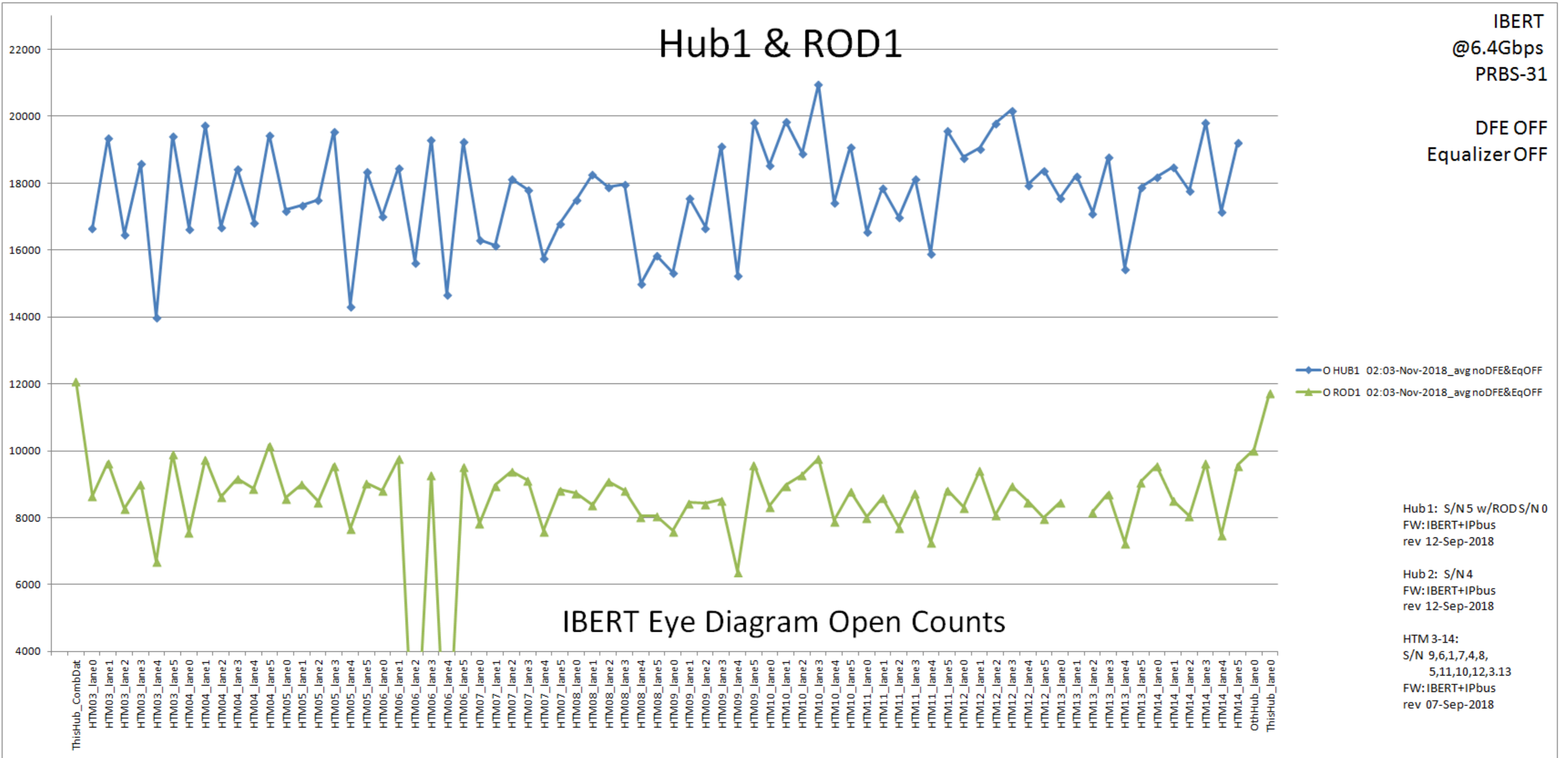
IBERT Eye Diagram Percentage Open Vertical



Hub1 & ROD1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



IBERT Eye Diagram Open Counts

Hub 1: S/N 5 w/RODS/N 0
FW: IBERT+IPbus
rev 12-Sep-2018

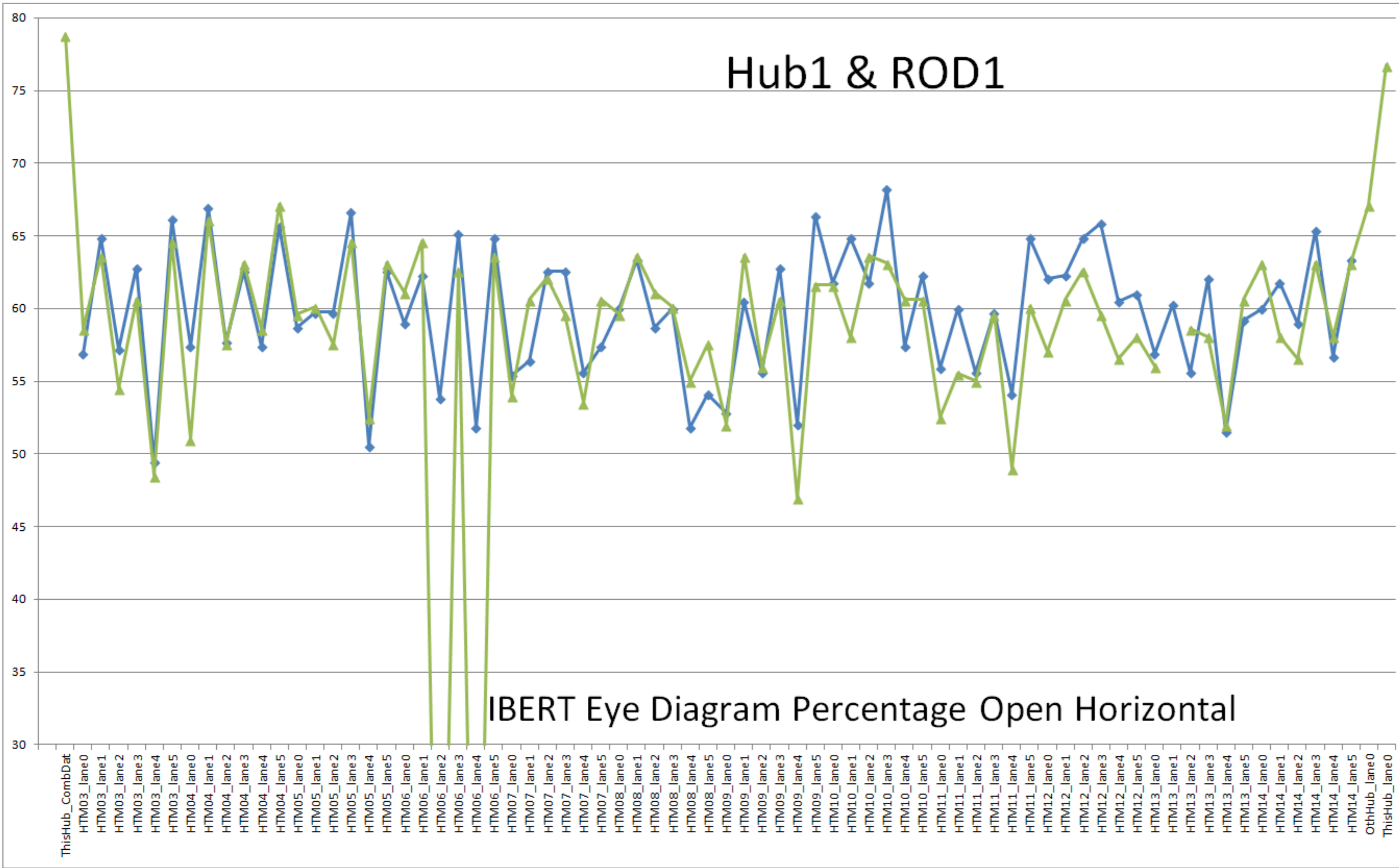
Hub 2: S/N 4
FW: IBERT+IPbus
rev 12-Sep-2018

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

Hub1 & ROD1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



◆ H% HUB1 02:03-Nov-2018_avg noDFE&EqOFF
▲ H% ROD1 02:03-Nov-2018_avg noDFE&EqOFF

Hub 1: S/N 5 w/RODS/N 0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub 2: S/N 4
FW: IBERT+IPbus
rev 12-Sep-2018

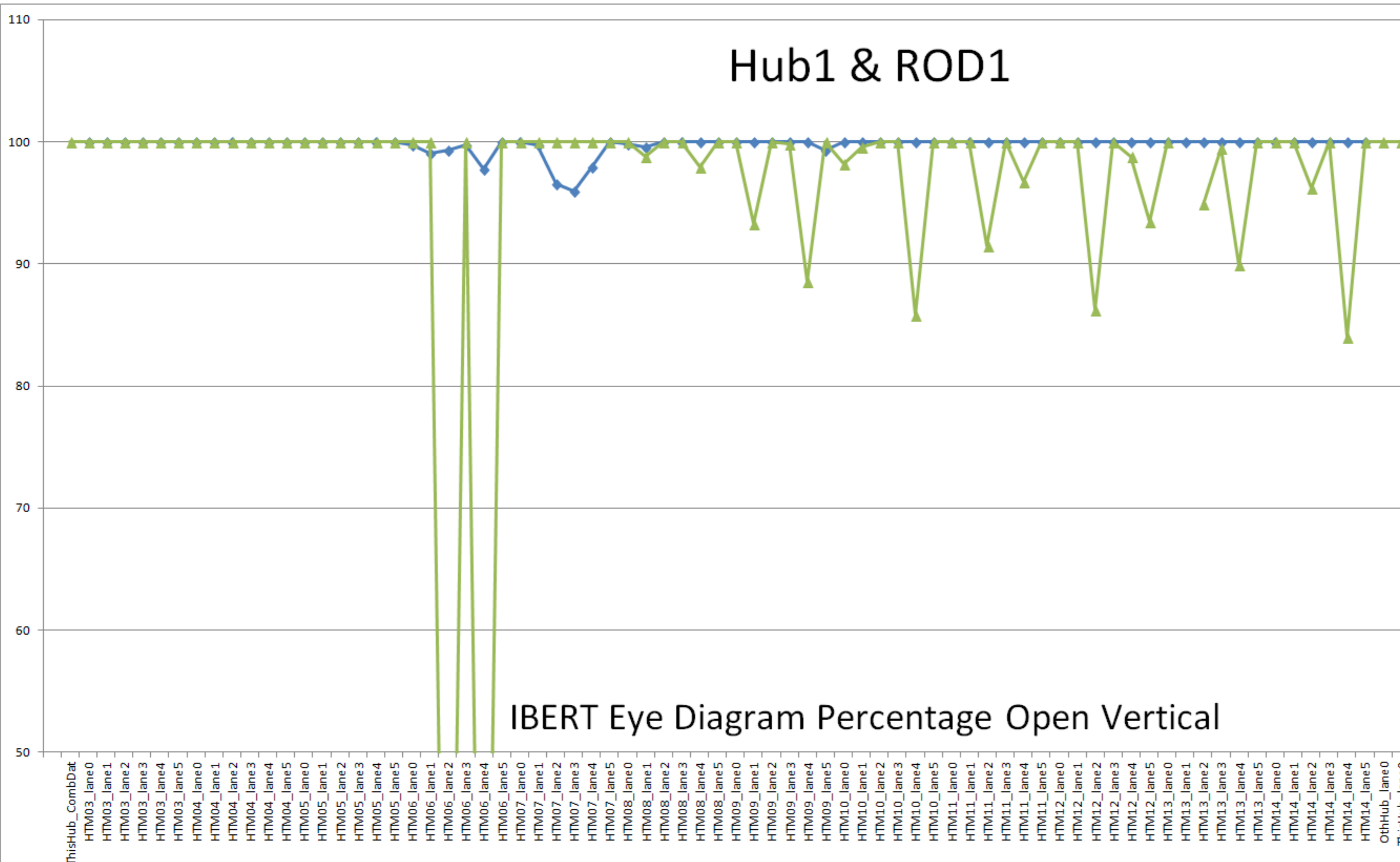
HTM 3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Percentage Open Horizontal

Hub1 & ROD1

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



◆ V% HUB1 02:03-Nov-2018_avg noDFE&EqOFF
▲ V% ROD1 02:03-Nov-2018_avg noDFE&EqOFF

IBERT Eye Diagram Percentage Open Vertical

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

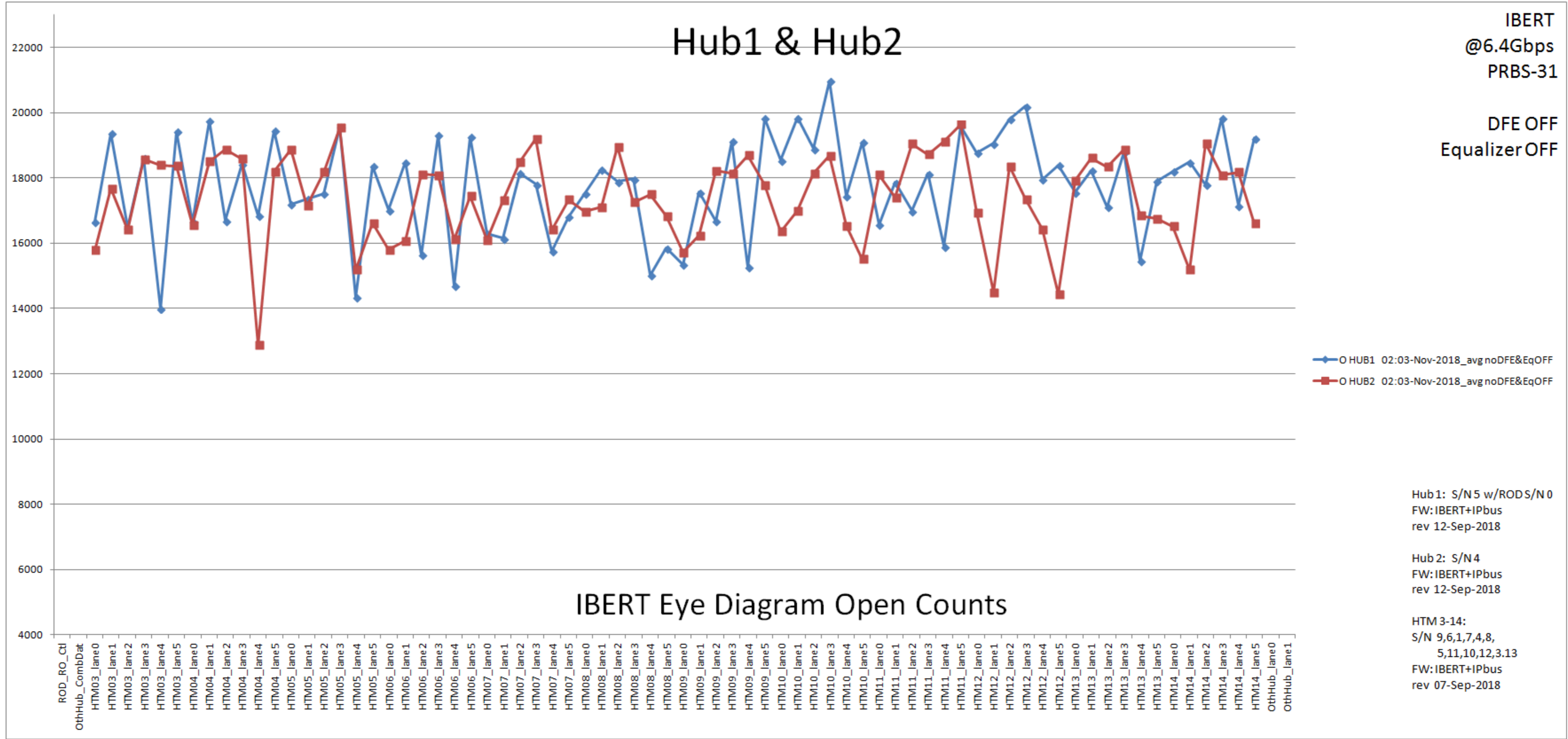
Hub2: S/N4
FW: IBERT+IPbus
rev 12-Sep-2018

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

Hub1 & Hub2

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



◆ O HUB1 02:03-Nov-2018_avg noDFE&EqOFF
■ O HUB2 02:03-Nov-2018_avg noDFE&EqOFF

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N4
FW: IBERT+IPbus
rev 12-Sep-2018

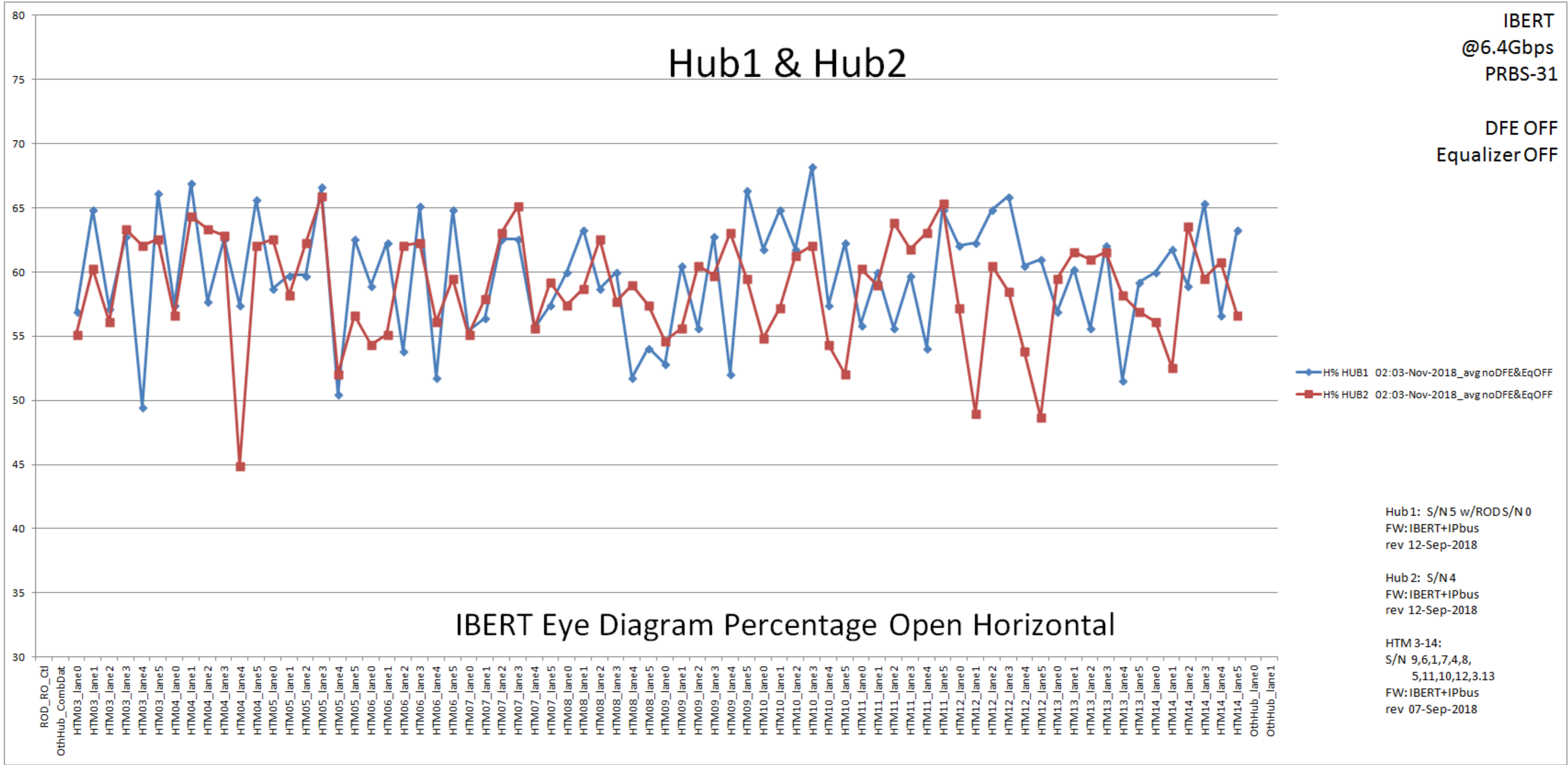
HTM 3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Open Counts

Hub1 & Hub2

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



Legend:
◆ H% HUB1 02:03-Nov-2018_avg noDFE&EqOFF
■ H% HUB2 02:03-Nov-2018_avg noDFE&EqOFF

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N4
FW: IBERT+IPbus
rev 12-Sep-2018

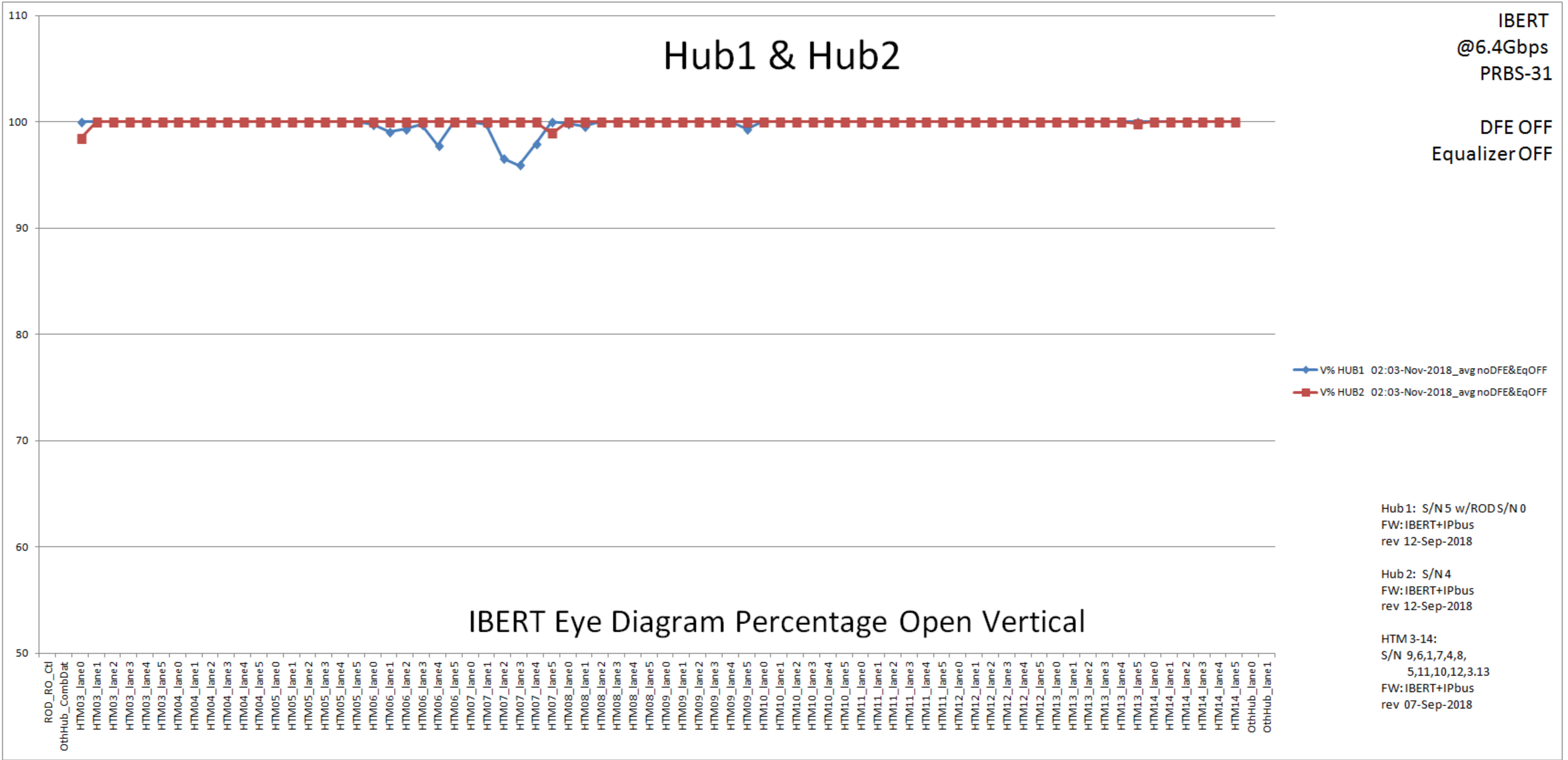
HTM 3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Percentage Open Horizontal

Hub1 & Hub2

IBERT
@6.4Gbps
PRBS-31

DFE OFF
Equalizer OFF



IBERT Eye Diagram Percentage Open Vertical

◆ V% HUB1 02:03-Nov-2018_avg noDFE&EqOFF
■ V% HUB2 02:03-Nov-2018_avg noDFE&EqOFF

Hub1: S/N5 w/RODS/N0
FW: IBERT+IPbus
rev 12-Sep-2018

Hub2: S/N4
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