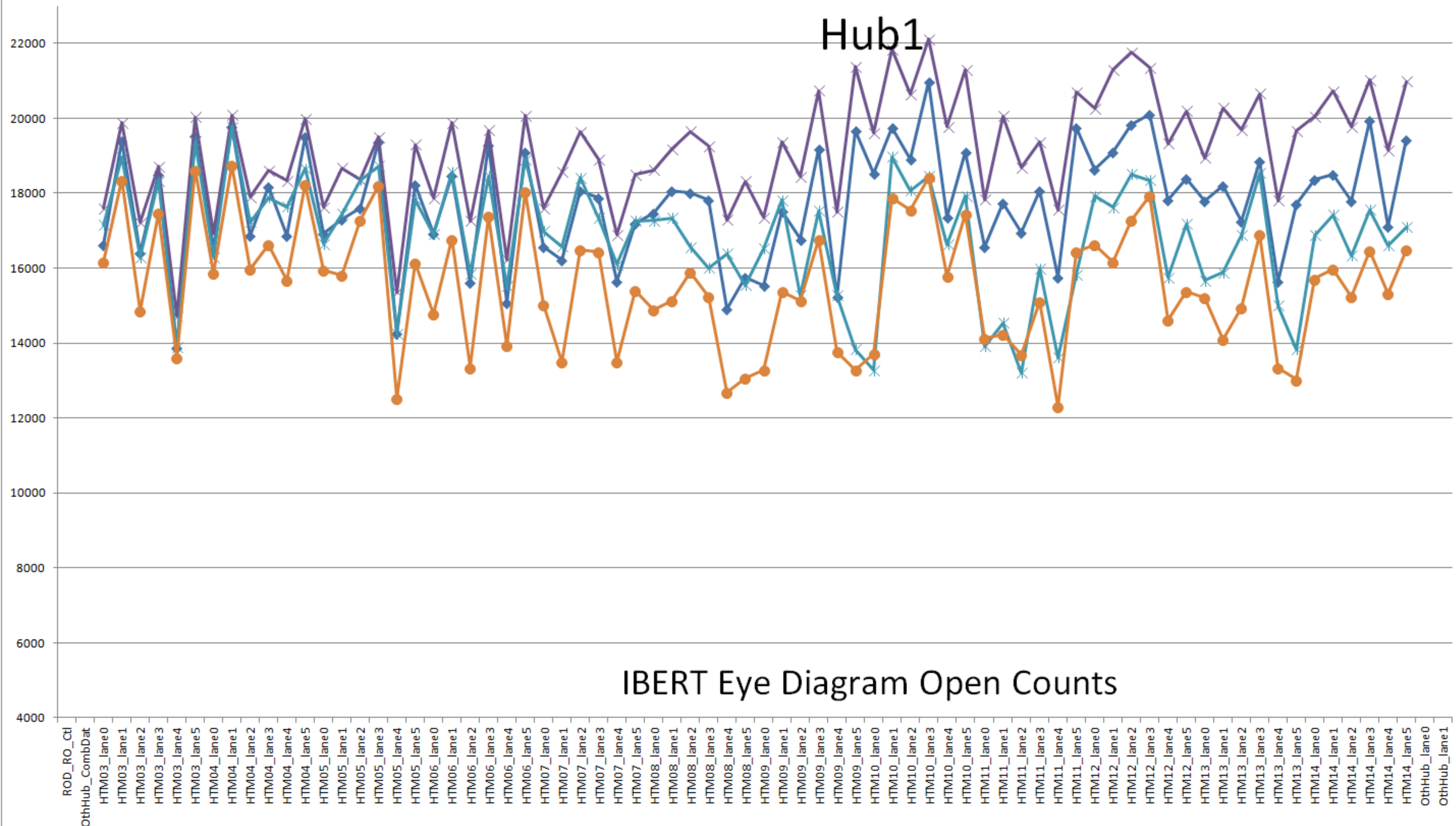


Hub1

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



- O Hub1 08-Nov-2018_a noDFE & EqOFF
- O Hub1 08-Nov-2018_b noDFE & EqON
- O Hub1 08-Nov-2018_c DFE & EqON
- O Hub1 09-Nov-2018_a DFE & EqOFF
- O
- O
- O

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FWIBERT 03/05-Aug-2017

Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

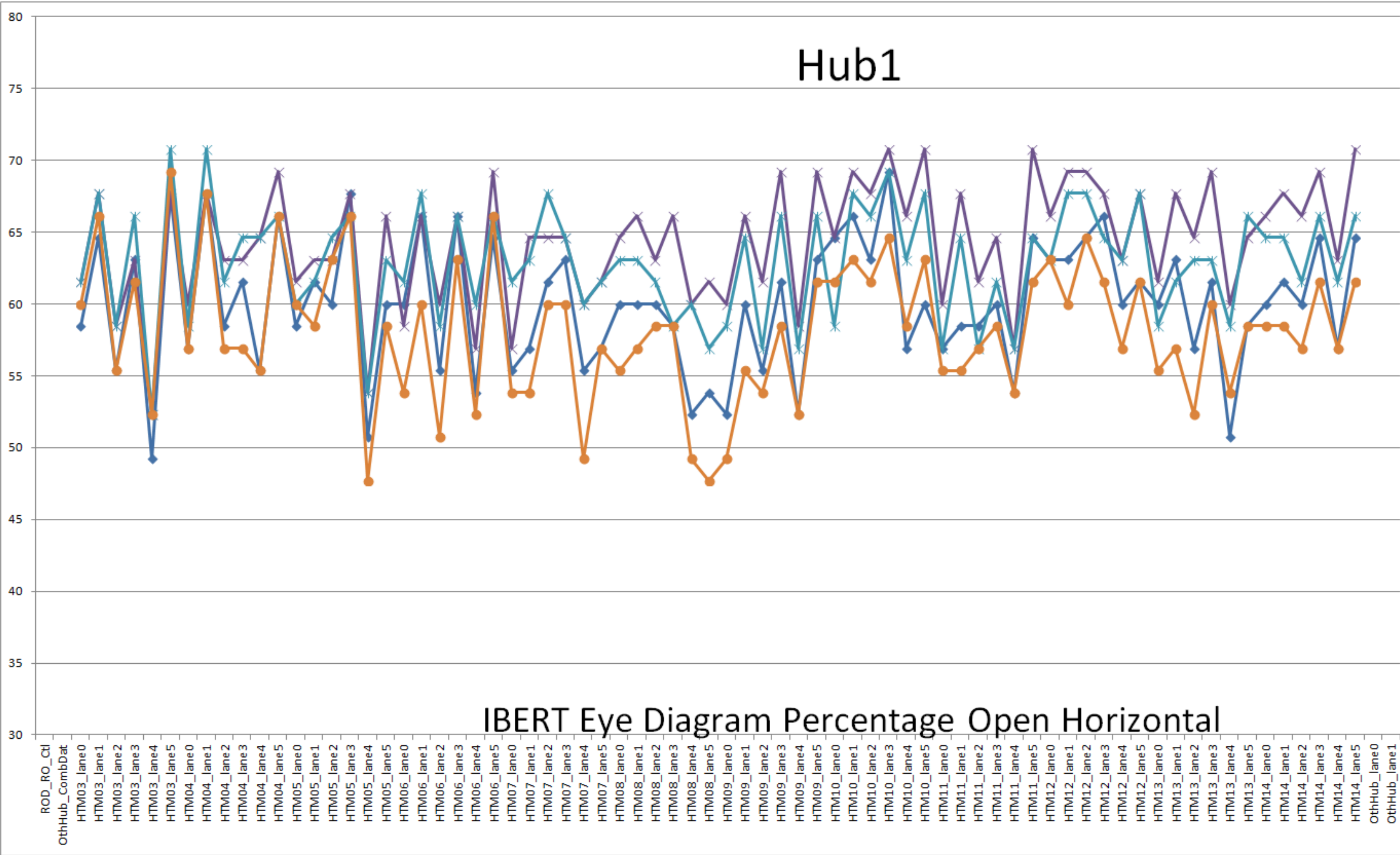
HTM3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Open Counts

Hub1

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



IBERT Eye Diagram Percentage Open Horizontal

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

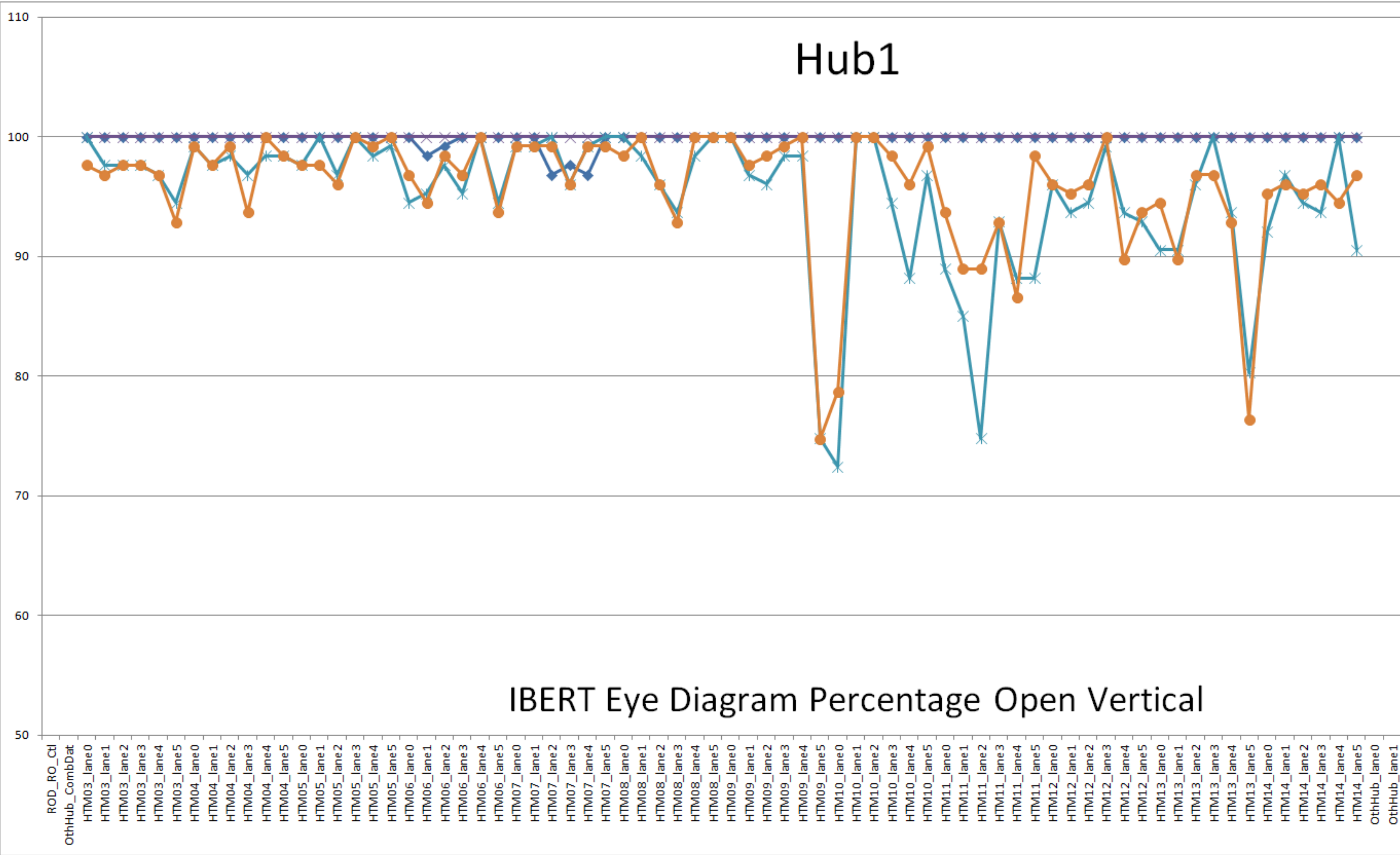
Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

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 ON vs OFF
Equalizer ON vs OFF



IBERT Eye Diagram Percentage Open Vertical

- V% Hub1 08-Nov-2018_a noDFE & EqOFF
- V% Hub1 08-Nov-2018_b noDFE & EqON
- V% Hub1 08-Nov-2018_c DFE & EqON
- V% Hub1 09-Nov-2018_a DFE & EqOFF
- V%
- V%
- V%

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

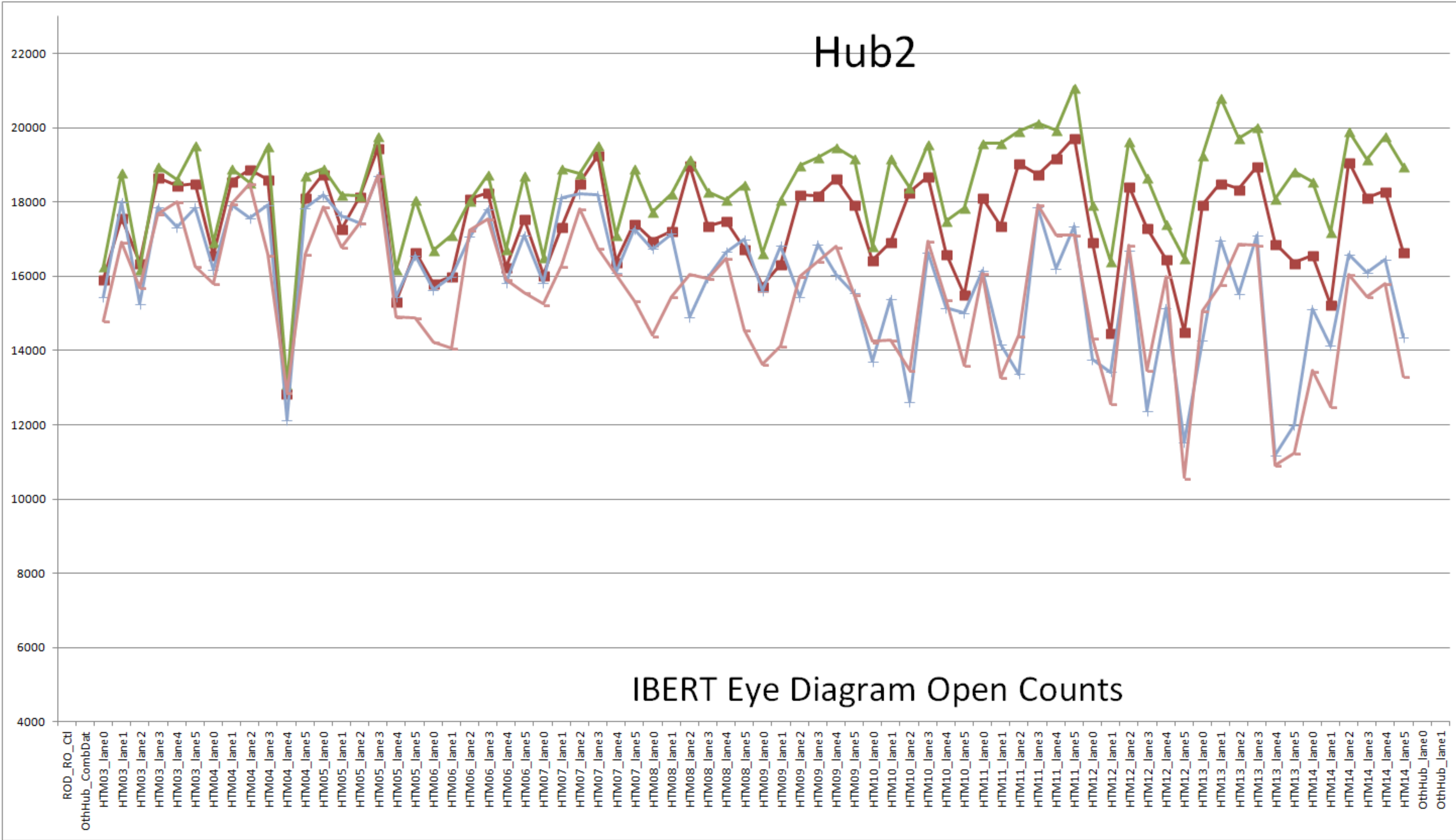
Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

HTM3-14:
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 ON vs OFF
Equalizer ON vs OFF



- O Hub2 08-Nov-2018_a noDFE & EqOFF
- ▲ O Hub2 08-Nov-2018_b noDFE & EqON
- + O Hub2 08-Nov-2018_c DFE & EqON
- + O Hub2 09-Nov-2018_a DFE & EqOFF
- ◆ O
- × O
- * O

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

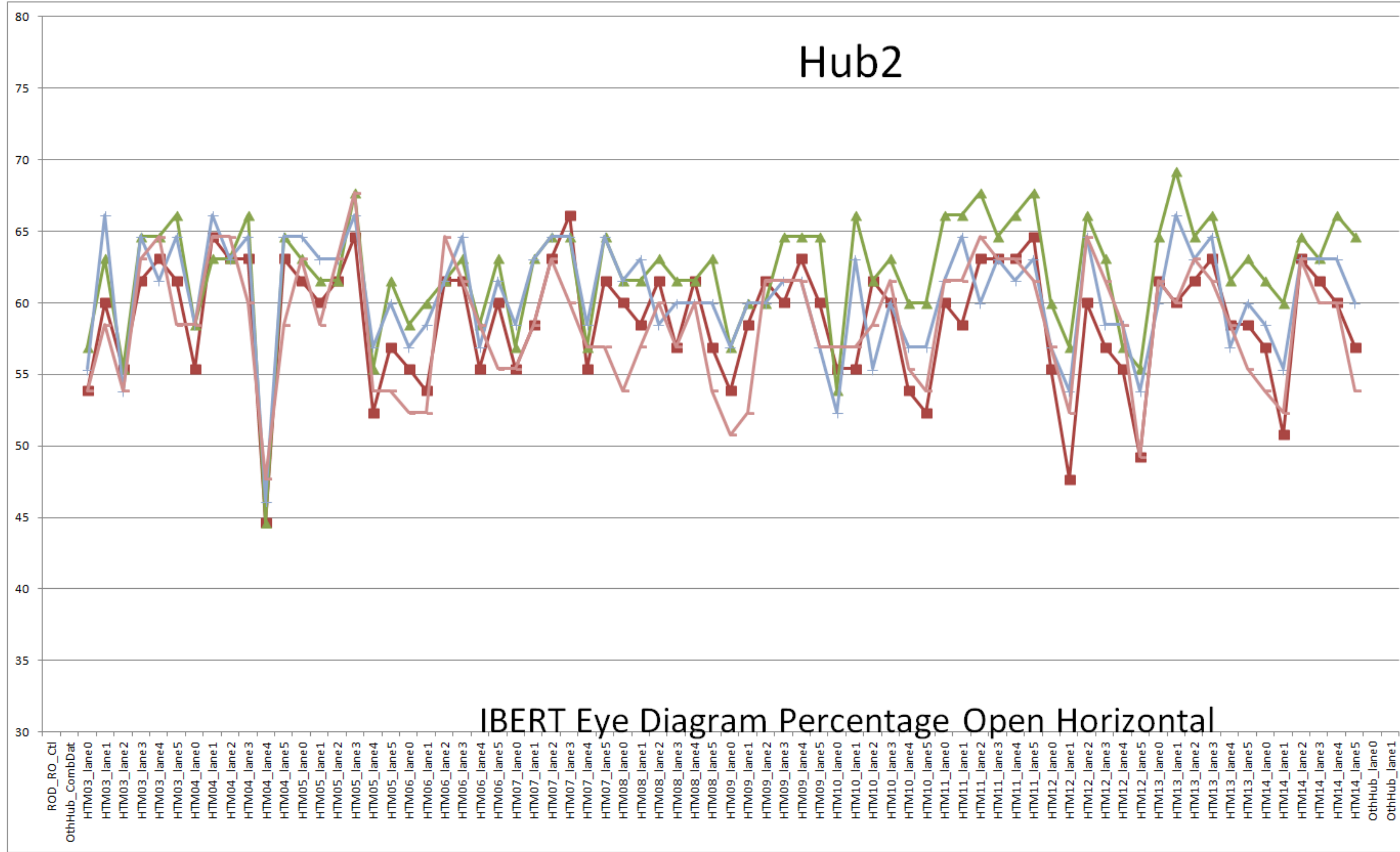
HTM3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Open Counts

Hub2

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



- H% Hub2 08-Nov-2018_a noDFE & EqOFF
- H% Hub2 08-Nov-2018_b noDFE & EqON
- H% Hub2 08-Nov-2018_c DFE & EqON
- H% Hub2 09-Nov-2018_a DFE & EqOFF
- H%
- H%
- H%

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

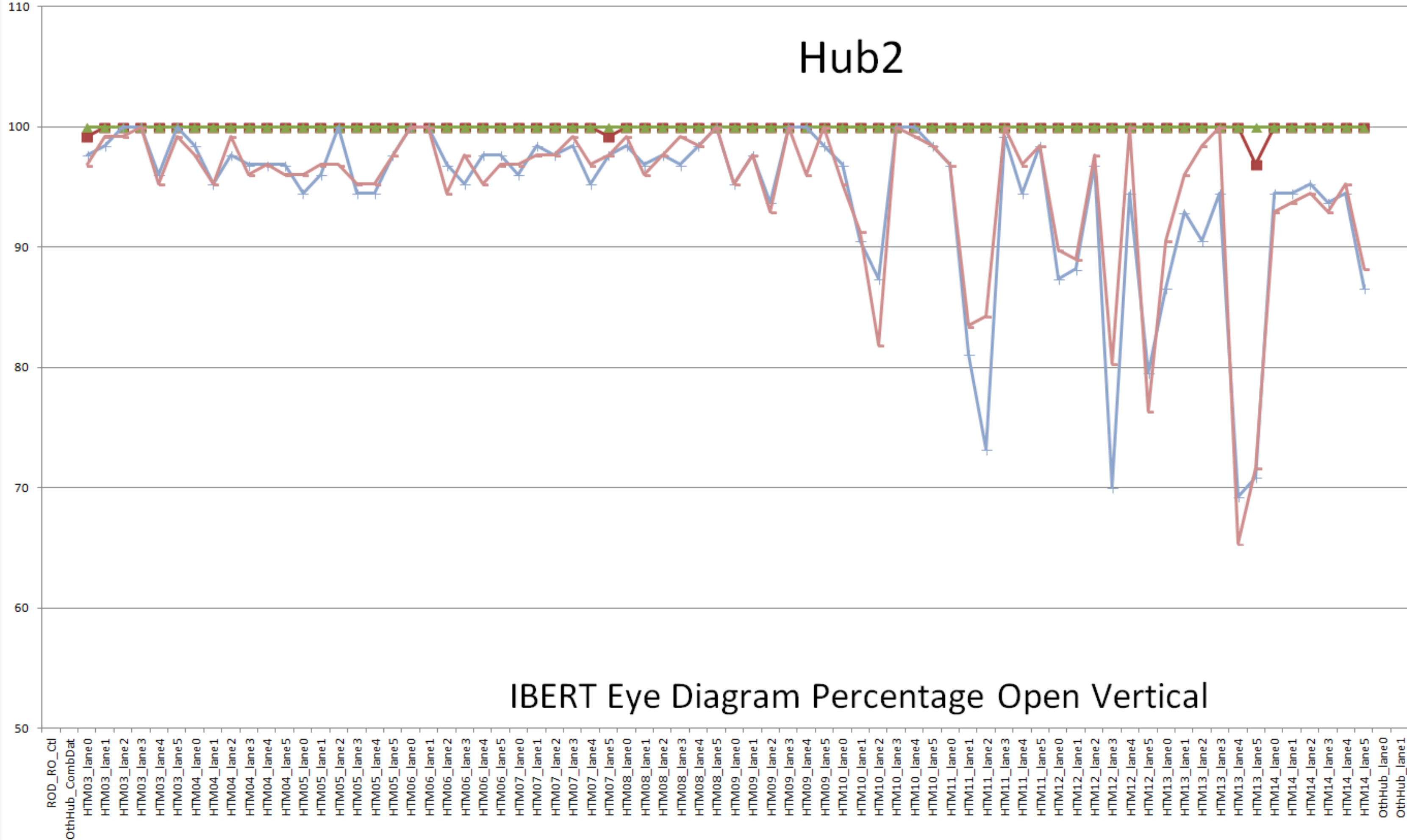
HTM3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Percentage Open Horizontal

Hub2

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



IBERT Eye Diagram Percentage Open Vertical

- V% Hub2 08-Nov-2018_a noDFE & EqOFF
- V% Hub2 08-Nov-2018_b noDFE & EqON
- V% Hub2 08-Nov-2018_c DFE & EqON
- V% Hub2 09-Nov-2018_a DFE & EqOFF
- V%
- V%
- V%

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

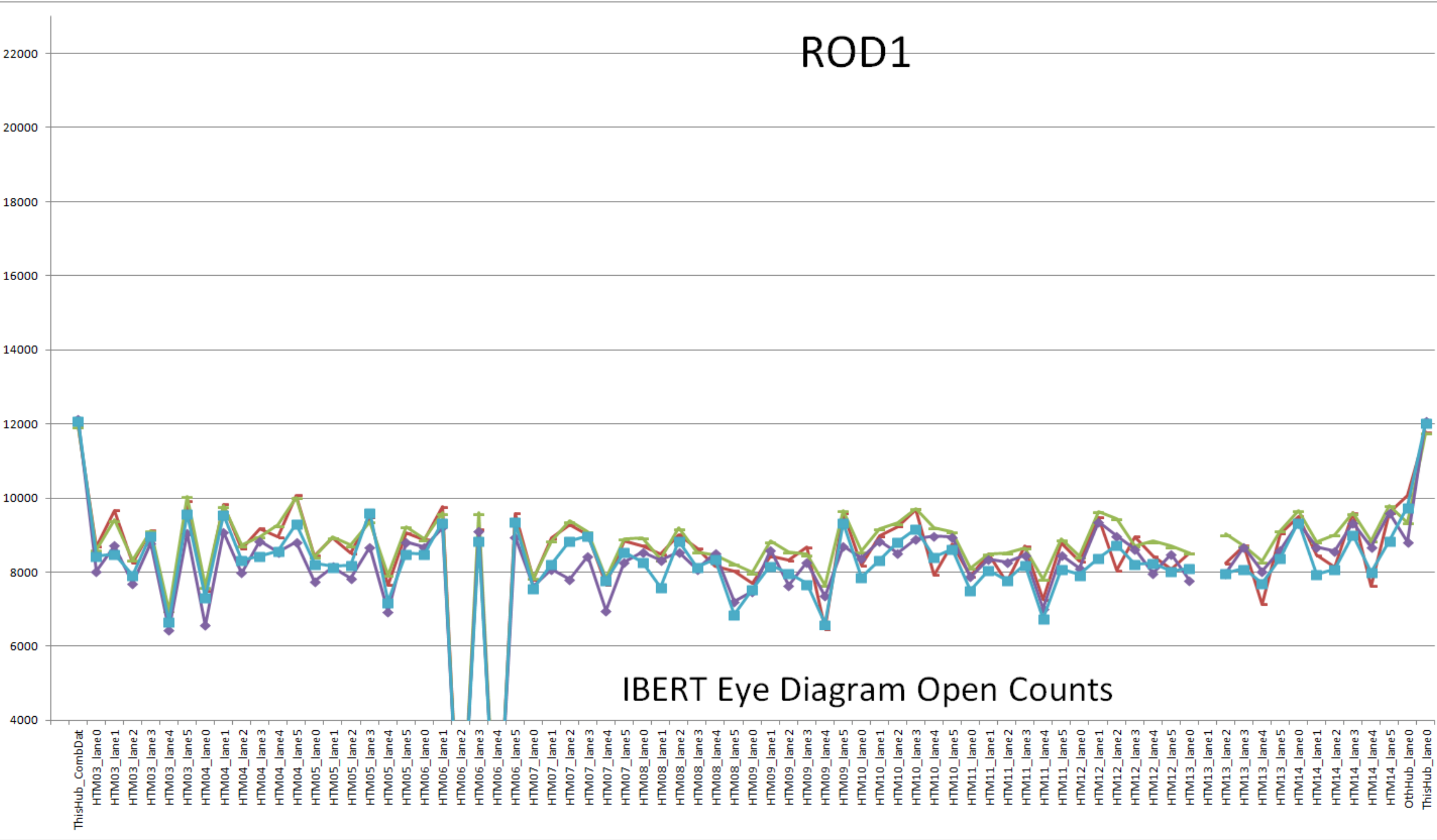
Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

HTM3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3.13
FW: IBERT+IPbus
rev 07-Sep-2018

ROD1

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



- O ROD1 08-Nov-2018_a noDFE & EqOFF
- O ROD1 08-Nov-2018_b noDFE & EqON
- O ROD1 08-Nov-2018_c DFE & EqON
- O ROD1 09-Nov-2018_a DFE & EqOFF
- O
- O
- O

Hub1: SN05
FW:IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW:IBERT 03/05-Aug-2017

Hub2: SN04
FW:IBERT+IPbus
rev 12-Sep-2018

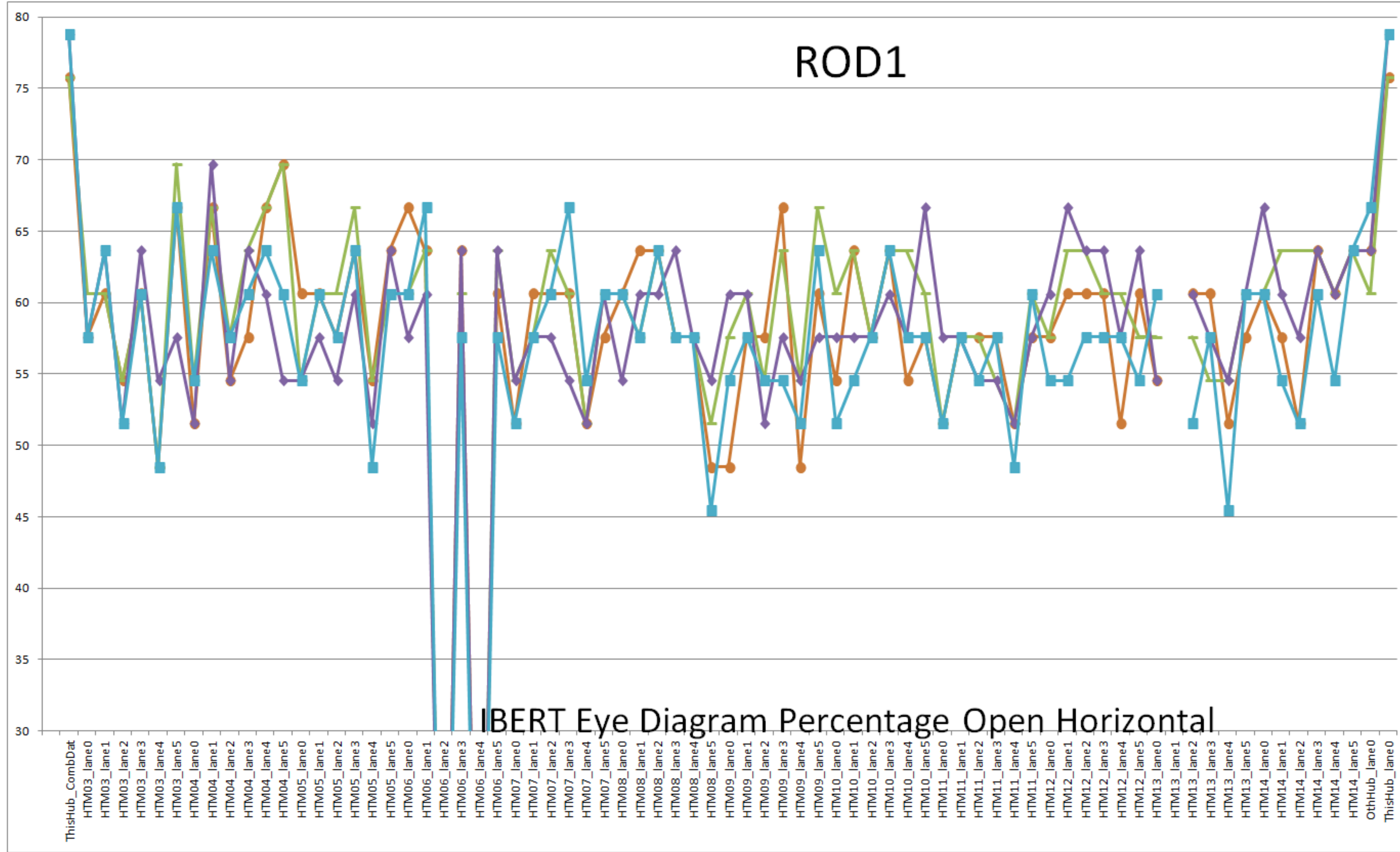
HTM3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW:IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Open Counts

ROD1

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



- H% ROD1 08-Nov-2018_a noDFE & EqOFF
- H% ROD1 08-Nov-2018_b noDFE & EqON
- H% ROD1 08-Nov-2018_c DFE & EqON
- H% ROD1 09-Nov-2018_a DFE & EqOFF
- H%
- H%
- H%

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

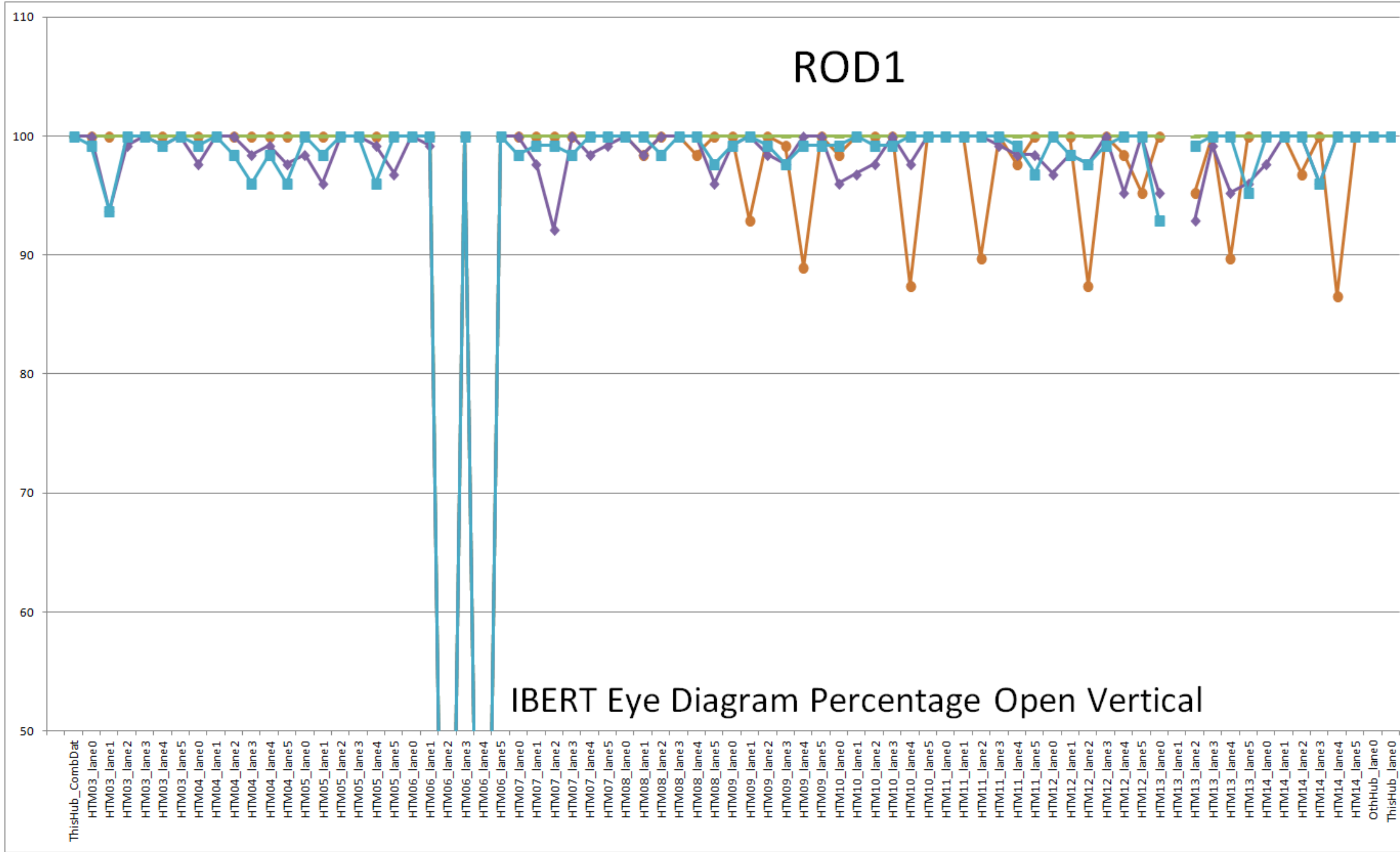
HTM3-14:
S/N 9,6,1,7,4,8,
5,11,10,12,3,13
FW: IBERT+IPbus
rev 07-Sep-2018

IBERT Eye Diagram Percentage Open Horizontal

ROD1

IBERT
@6.4Gbps
PRBS-31

DFE ON vs OFF
Equalizer ON vs OFF



- V% ROD1 08-Nov-2018_a noDFE & EqOFF
- V% ROD1 08-Nov-2018_b noDFE & EqON
- V% ROD1 08-Nov-2018_c DFE & EqON
- V% ROD1 09-Nov-2018_a DFE & EqOFF
- V%
- V%
- V%

Hub1: SN05
FW: IBERT+IPbus
rev 12-Sep-2018

ROD1: SN00
FW: IBERT 03/05-Aug-2017

Hub2: SN04
FW: IBERT+IPbus
rev 12-Sep-2018

HTM3-14:
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