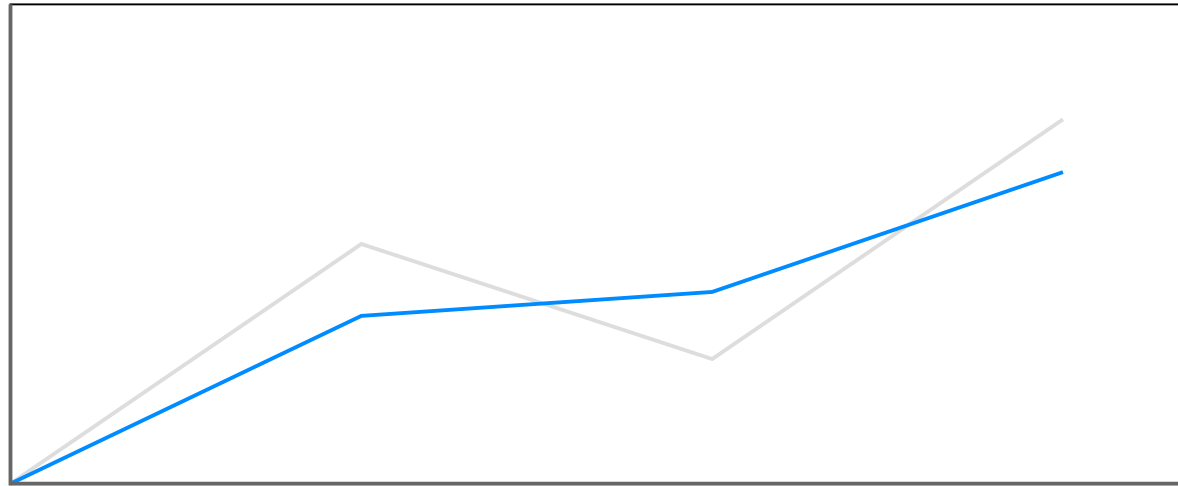
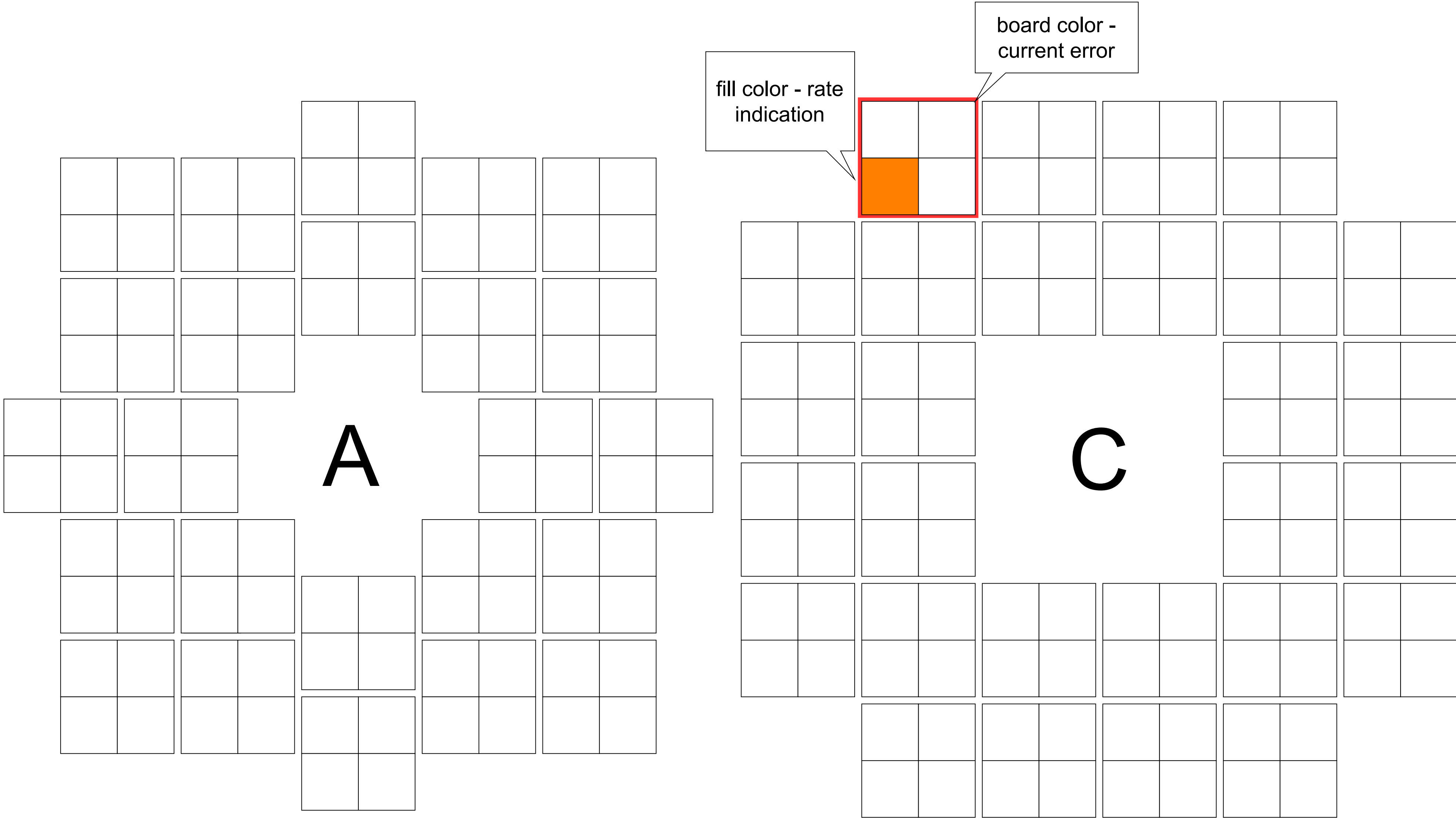
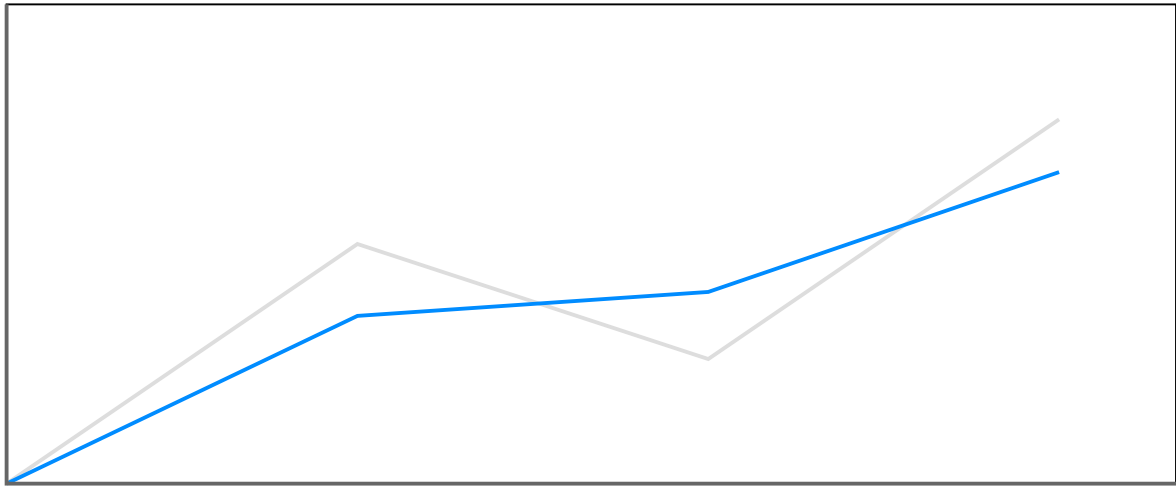


FSM

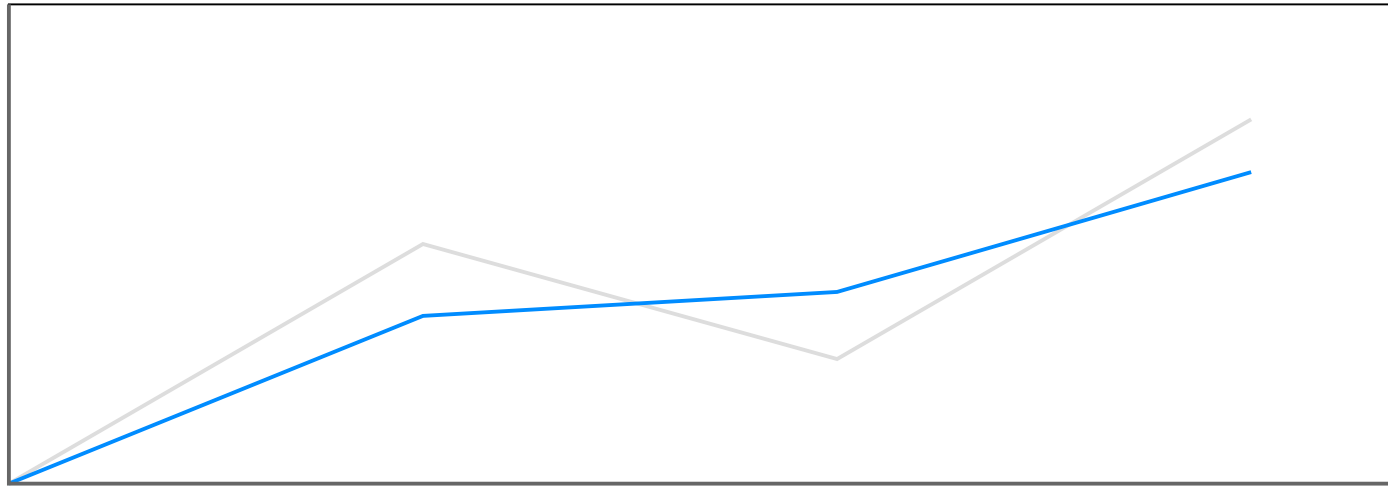
FT0  
TCM & CLK  
Readout  
Control S  
Infrastructure



Triggers rate (CNT, SCNT, ORA, ORC, VRX)



Channels rate (only for error  
chanes or 4 with highest rate)



MCP HV current (only for error  
chanes or 4 with relative highest current)

## Boards overview

TCM 0xF000

HV status

PLL lock A

PLL lock C

GBT link

RD BCID sync

RD rate

PM\_ 0xF0A0

HV status

clk sys

HDMI lock

GBT link

RD BCID sync

RD rate

PM\_ 0xF0A1

HV status

clk sys

HDMI lock

GBT link

RD BCID sync

RD rate

### Common PM settings

OR A gate +/-

511

OR C gate +/-

511

CFD saturation

511

reset clock

Errors list

- MCP C-E3: **current is to high**
- MCP C-E3: **rate is to high**
- PM1: **channel 0-3 excluded**
- HV module 0: **channel 3 was switched off**

MCP C-E3

MCP C-E3

- Side: C
- PM: 1
- HV module: 1
- Link name: FTC-CE3-1-010-PM01C
- Current: 100 uA
- HV: 1500 V

	RATE	Count
CH 1	4568	345145
CH 2	4568	141435
CH 3	2568	1452345
CH 4	1658	145145

Channels rate (4 channels)

MCP HV current

MCP

PM

HV

buttons to swithc  
channel panels