```
th behave
+ clk0 period
+ clk1 period
+ clk0
+ clk1
+ reset n
+ dut0 data in
+ dut0 data in valid
+ dut0 sample width
+ dut1 n
+ dut1 pulse out
and 13 more...
+ clock0()
+ clock()
+ res()
+ DATA12 CNT()
+ DATA14 CNT()
+ DATA16 CNT()
+ clock0()
+ clock()
+ res()
+ DATA12 CNT()
+ DATA14 CNT()
+ DATA16 CNT()
```