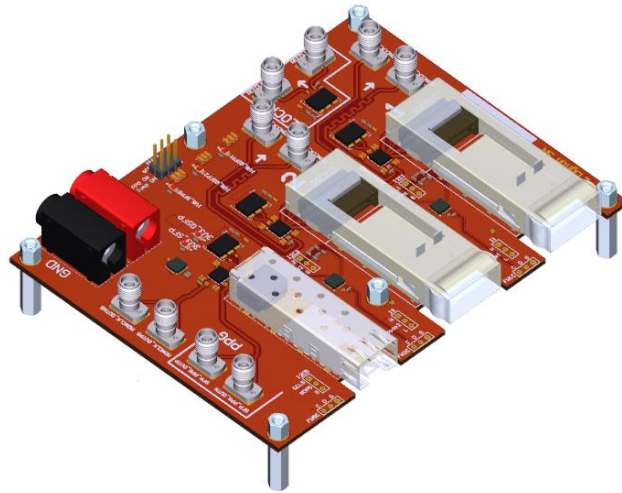


## 100G-PPG-QSFP-SFP-MCB

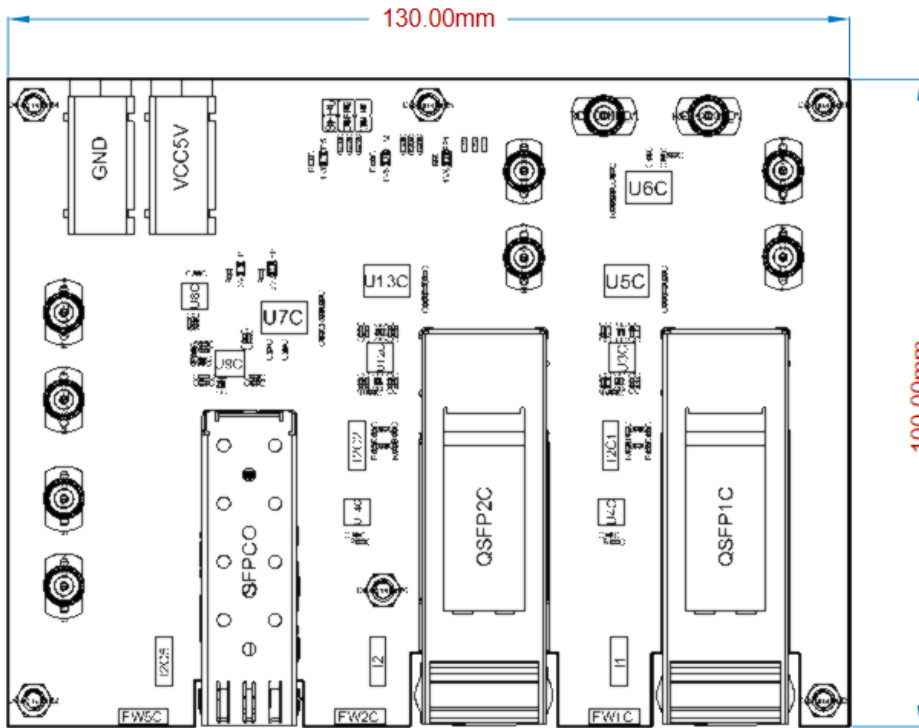
Part Name : LI-100G-PPG-QSFP-SFP-MCB-V0



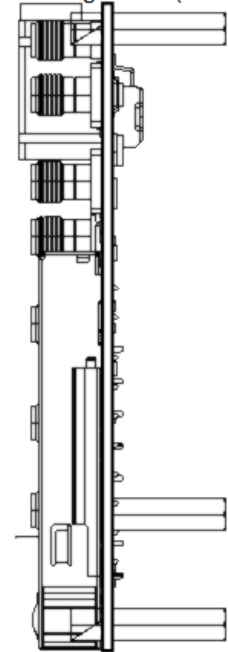
- Operation Temp:-20~+70°C
- 4x25G NRZ pattern generator
- 25.78Gbps / PRBS31
- 2\*QSFP28 module slot+1\*SFP28 module slot
- Reference Clock output for scope
- 5V input power supply
- Power on work
- Super Compact size 10x13cm
- Standard SFP/QSFP MSA definition
- 100G/25G TX Light source with all brand QSFP28/SFP28 module
- 8+1 optical channel TX light source support
- TX & RX crosstalk pre-test
- Fast & simple TX optical module Temperature test
- Less RF cable test
- Low cost & array module TX test
- Module EMI system test possible support
- Connector durability:250 cycles(min)



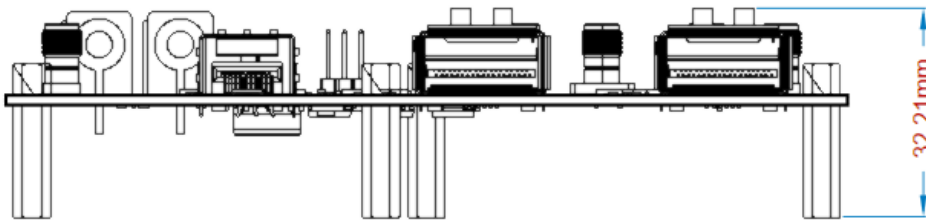
## MCB outline Dimension



View from Right side (Scale 1:1)

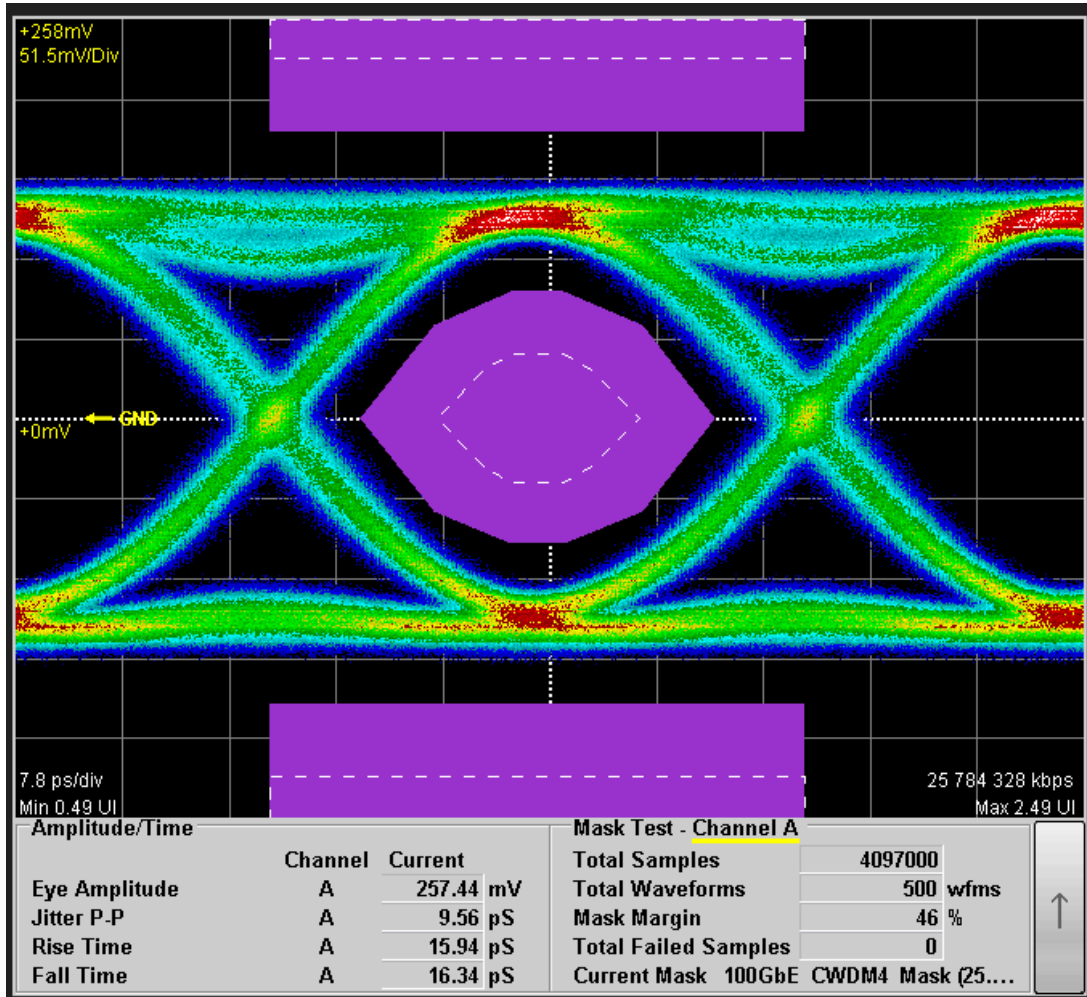


View from Front side (Scale 1:1)





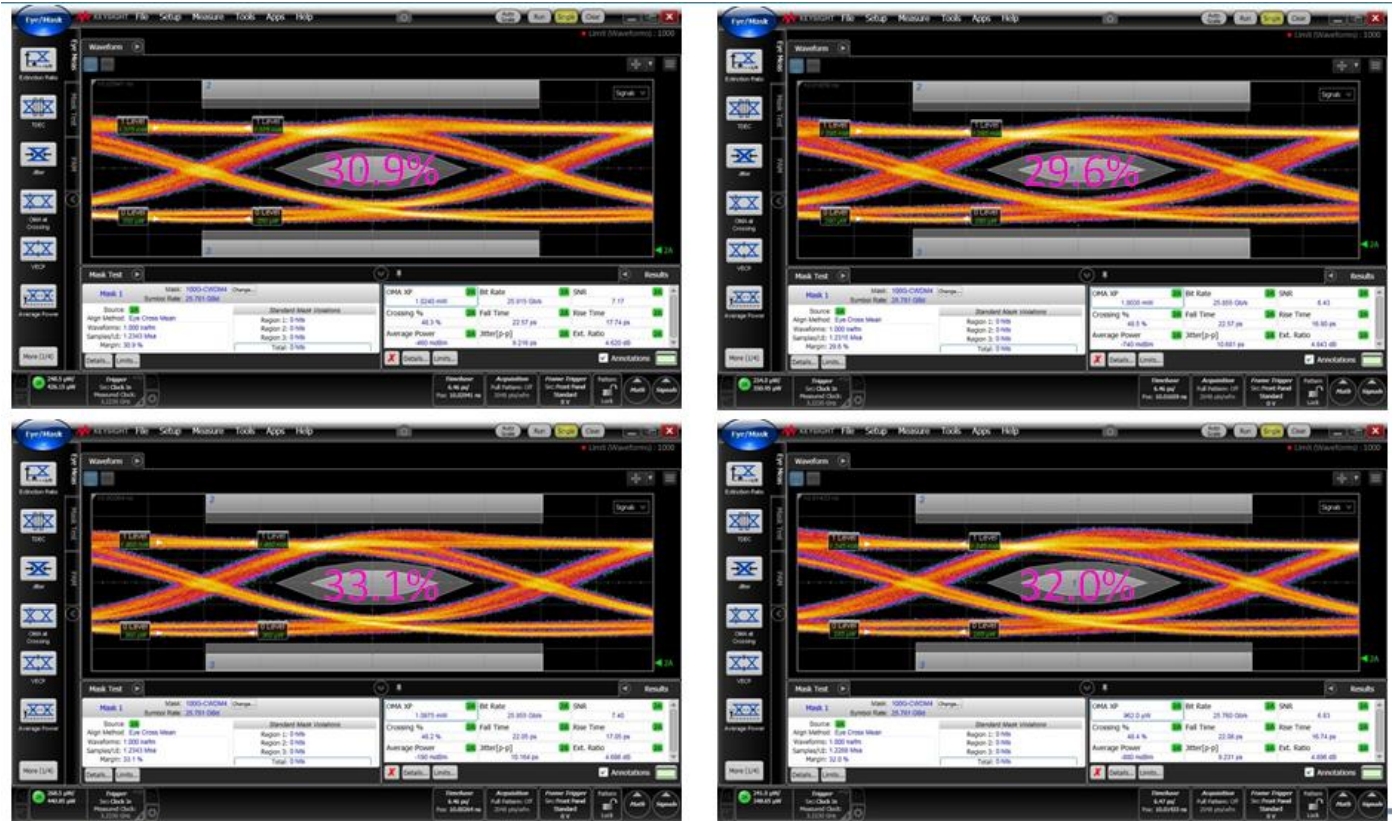
## PPG output electrical signal(25.78Gbps,)



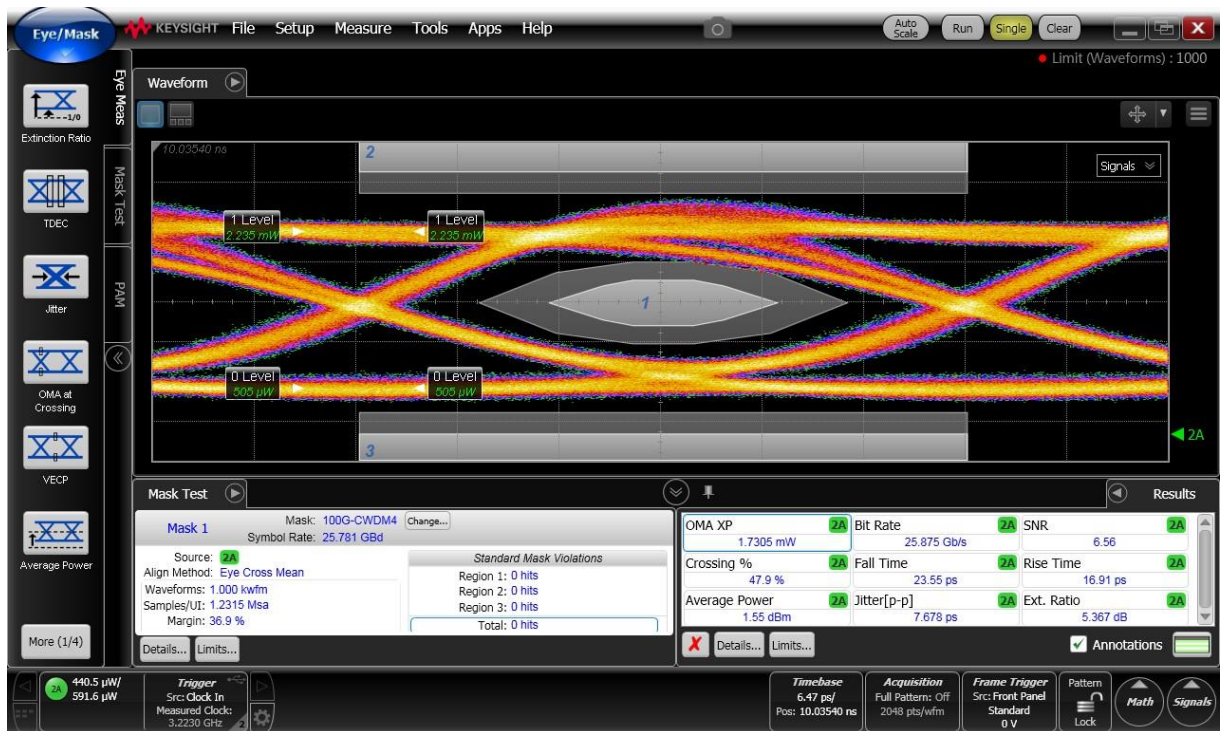
Test condition:

- 45cm PCB signal trace
- 60cm RF cable
- K connector

## 100G QSFP Optical output(25.78Gbs , PRBS31 , 0 hit)



## 25G SFP LR Optical output(25.78Gbs , PRBS31 , 5E-5)



V1.0