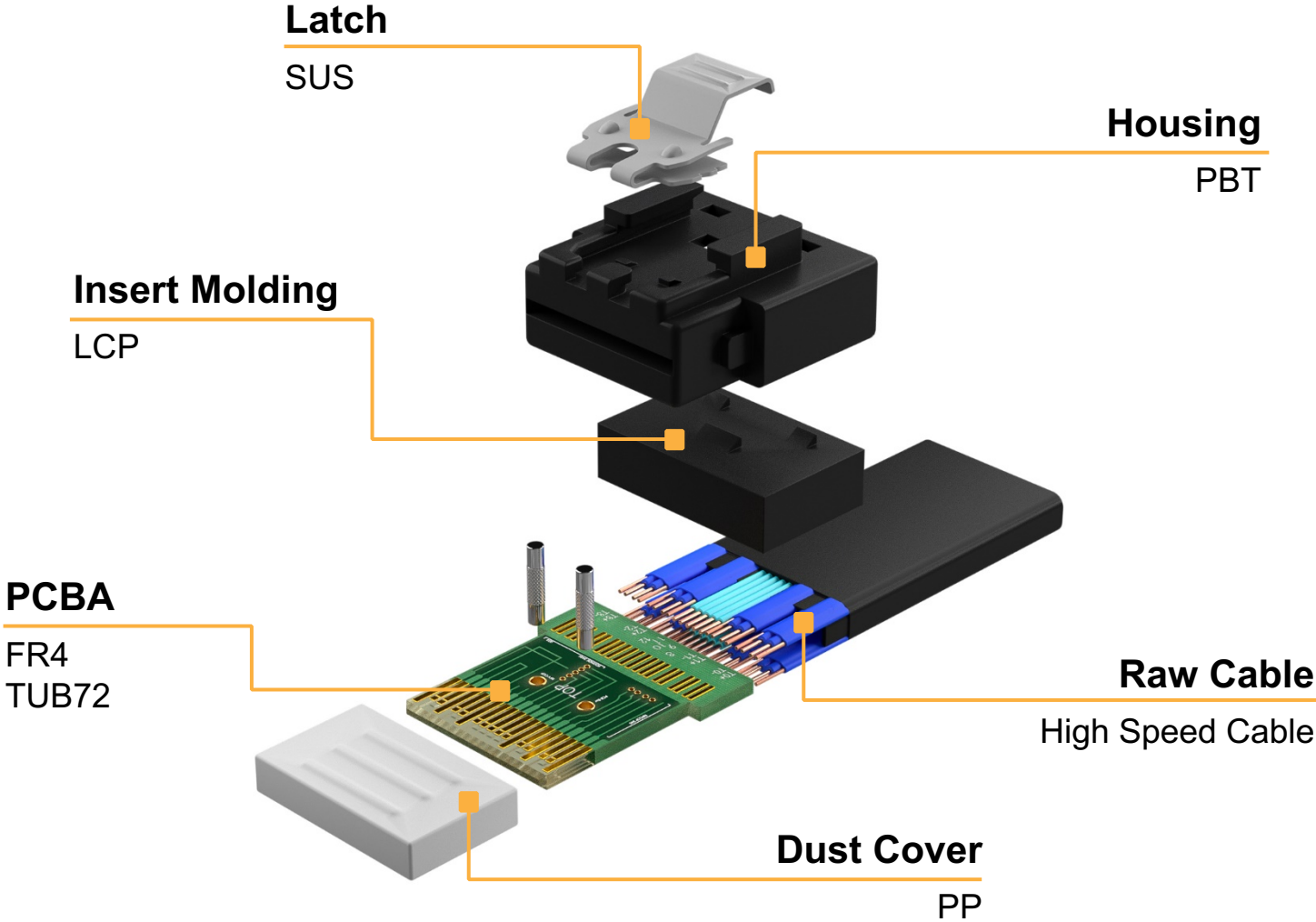


High Speed Cable – Slimline SAS 24Gbps



R & D Capability



- Ansoft HFSS

3D simulation



- Ansoft Designer

Fully system Link



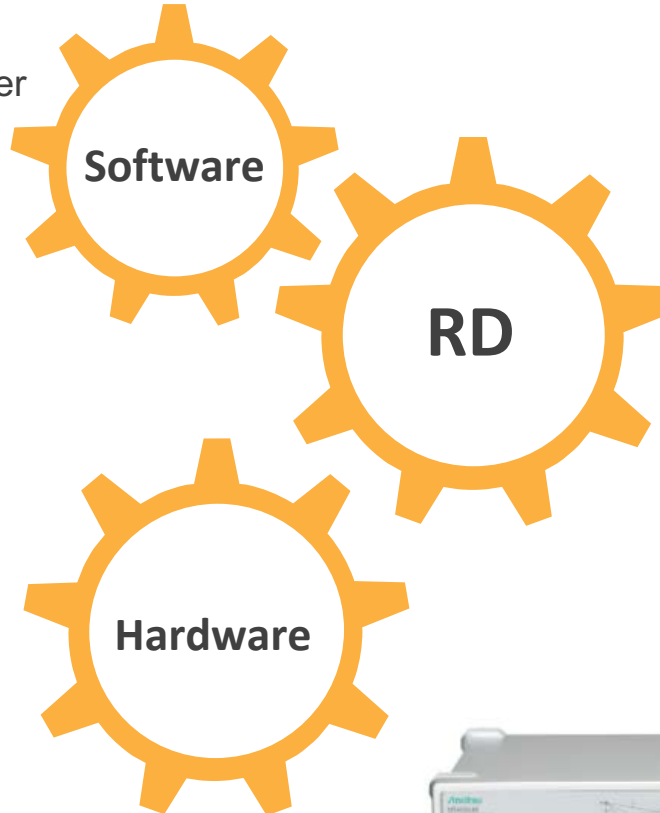
- Ansoft Q3D

2.5D simulation

Altium

- Altium

PCB layout tool



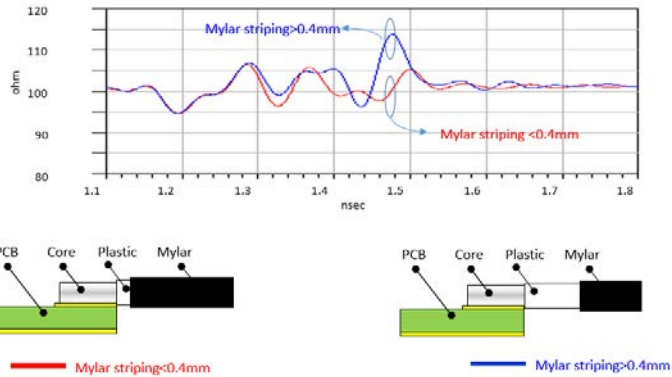
- SI(Signal Integrity Engineer)
Over 7 years experience have 3 peoples
Over 3 years experience have 2 peoples
- SE (Software Engineer)
2 peoples
- EE(Electrical Engineer)
2 peoples

- MS46524B VNA
Frequency : 300KHz-20GHz
- MS46524B TDR Option
Rise time : 22.3ps
- Switch Matrix
300KHz-18GHz(phase match>0.5ps)

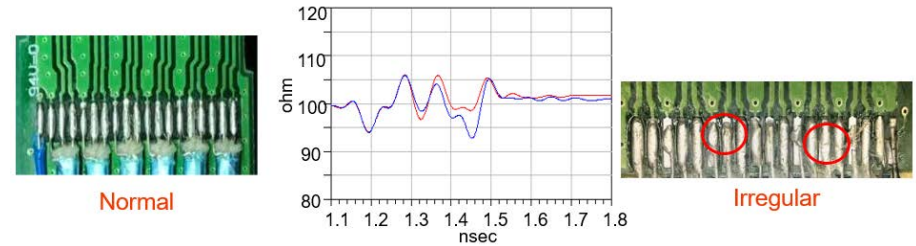


Precise Process Control

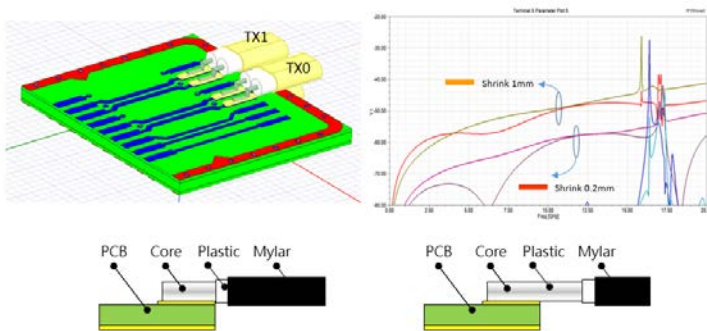
Stripping control



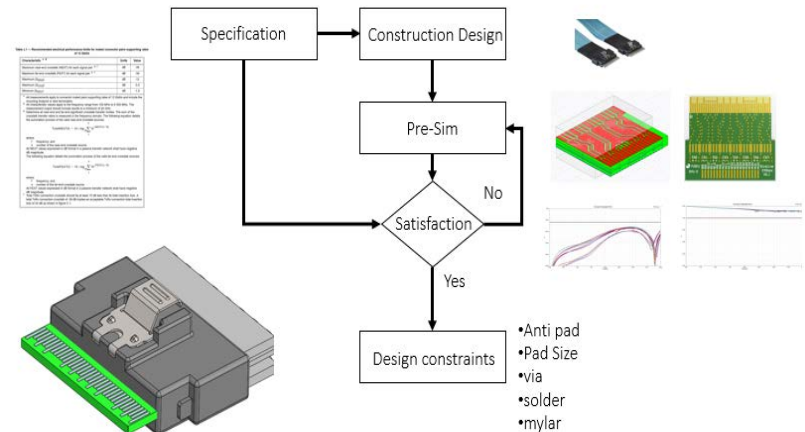
Soldering control



Laser Stripping Control



Design flow chart

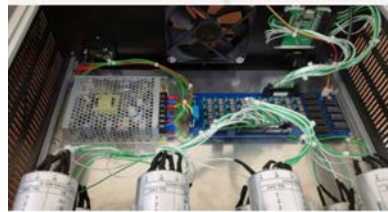


100% High Frequency Testing

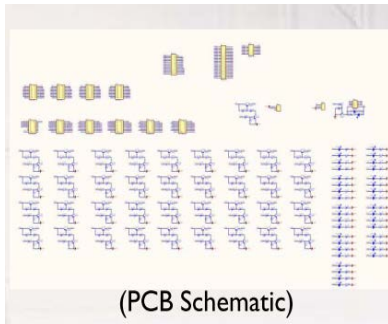
Environment



(Test Environment)



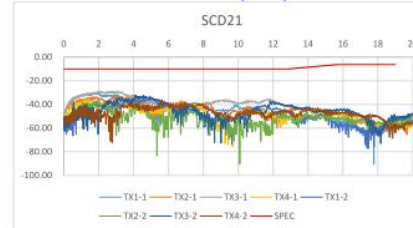
(Construction)



(PCB Schematic)

Testing Report

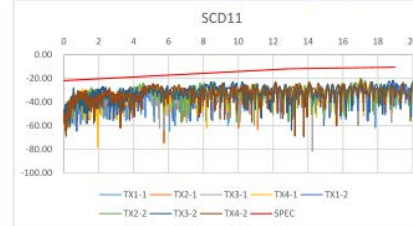
Differential to common-mode conversion loss(SCD21):



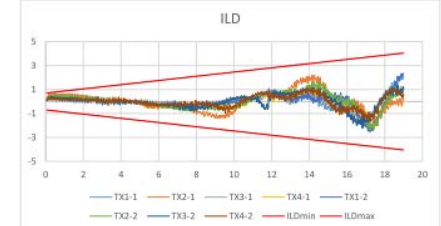
Insertion Loss SDD21:



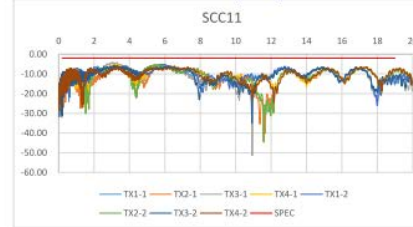
Differential to common-mode cable assembly return loss(SCD11):



ILD:



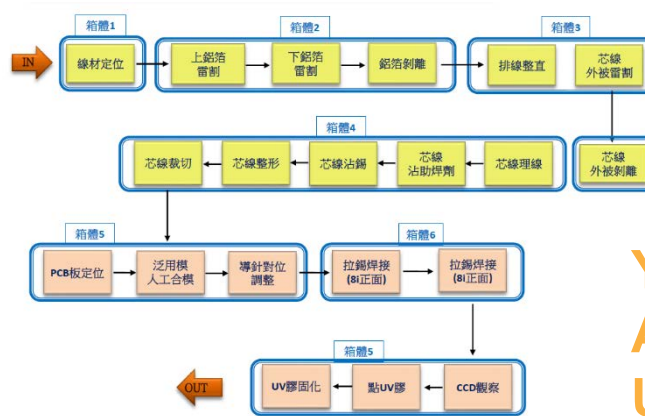
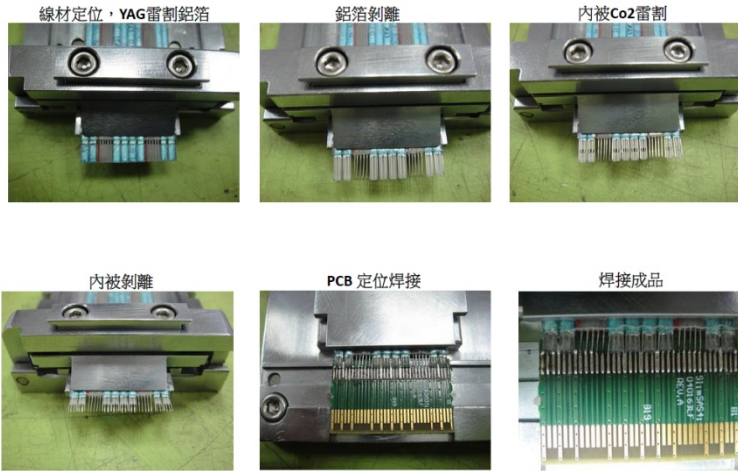
Common-mode to common-mode return loss(SCC11):



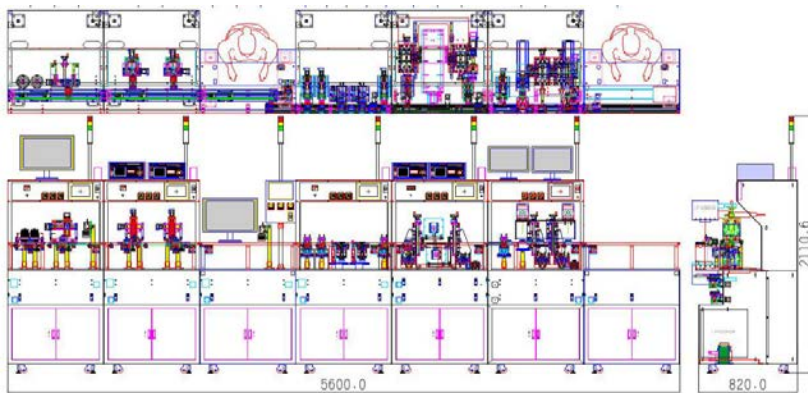
Return Loss SDD11:



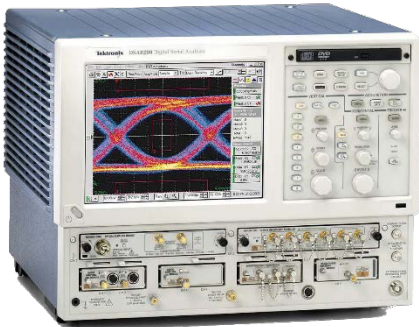
Automation Production Line



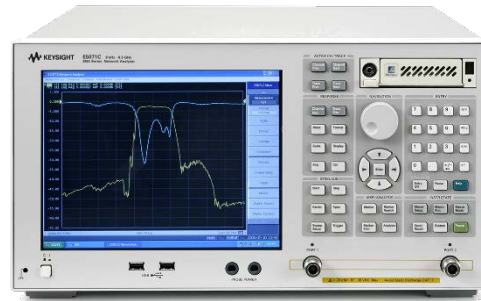
Yield: 95 %
Activation: 95%
UPH: 240 pcs



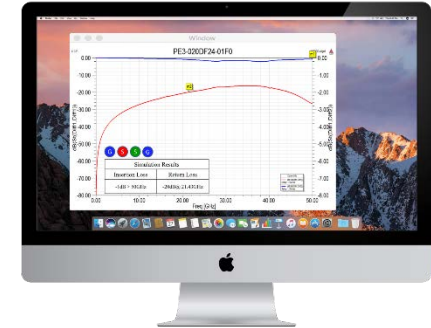
Testing Equipment



Digital Oscilloscope



Vector Network Analyzer



HFSS Analysis Program



Thermal Shock Tester



Salt Spray Tester



Electron Microscope