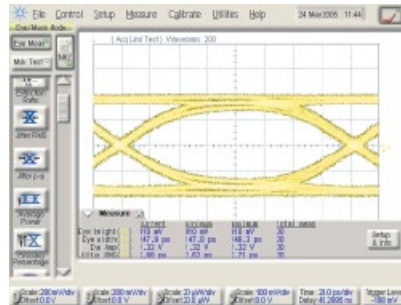
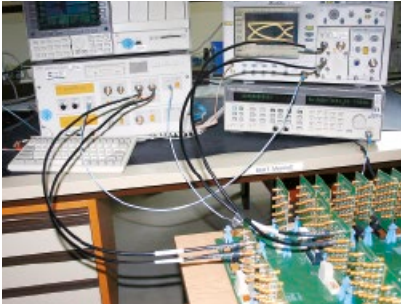


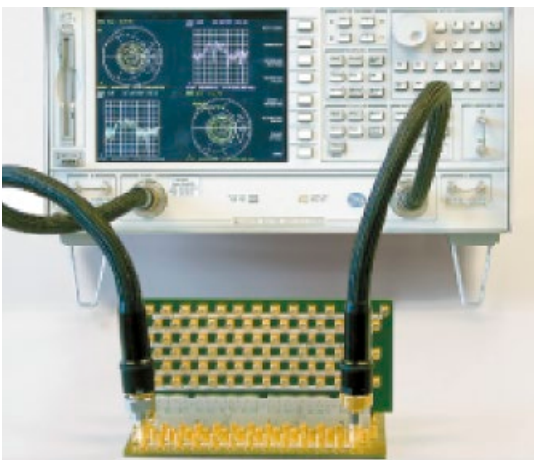
Time-domain measurements



Parameters:

- Characteristic impedance
- Propagation delay
- Reflection
- Crosstalk
- Eye-diagram and mask-test
- Bit-error rate testing (BERT) up to 12.5 Gbps per differential line

Frequency-domain measurements



Parameters:

- S-parameter analysis (up to 40 GHz)
- Insertion- and return loss, crosstalk
- Fourier-transformation, gating, error-location

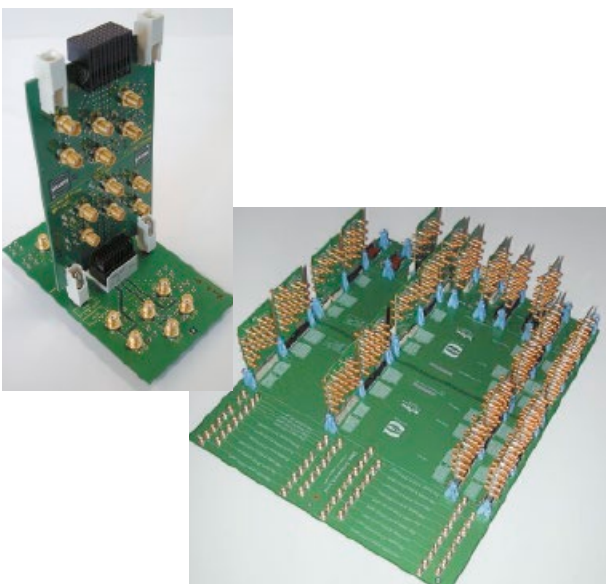
ISO/IEC 11801/CAT 5 measurements



Parameters:

- Near-end crosstalk (NEXT)
- Power sum NEXT (PS NEXT)
- Far-end crosstalk (FEXT)
- Power sum FEXT (PS FEXT)
- Return loss
- Attenuation
- Attenuation to Crosstalk Ratio (ACR)
- Power sum ACR (PS ACR)

Test board design



Design-in support



- Customized PCB design close to the real application
- Footprint and routing recommendations
- Full measurement characterization