Business Summary

Revenue/Operating profit breakdown by business segment

Test and Measurement Business
- Mobile market
  - R&D of mobile communication standards, such as 5G and LTE
  - R&D of communication chipsets (communication semiconductors embedded in smartphones, etc.)
  - R&D and manufacturing of mobile devices, such as smartphones and tablets
  - Communication evaluation in the IoT/Automotive sector

Network infrastructure market
- R&D and manufacturing for optical and digital communications
- R&D and manufacturing of communication equipment
- Construction and maintenance of optical fiber communication networks
- Construction and maintenance of wireless base stations
- Network quality assurance (fault monitoring)

Electronics market
- General-purpose measurement used in a wide range of applications
- R&D and manufacturing of communication-related electronic components
- R&D and manufacturing of wireless communication devices
- R&D and manufacturing of wireless base stations
- R&D and manufacturing of smart appliances and vehicle-related equipment, etc.

PQA Business
- Quality assurance of food and pharmaceuticals
  - Inspecting for contaminants, packaging form, etc.
  - Detection of metallic contaminants
  - Weighing and controlling filling weight
  - Checkweighing

Other Businesses
- Data communication business
  - Monitoring and control systems related to public infrastructure, such as rivers and waterworks
  - Bandwidth control devices for high-quality networks, such as financial systems and video distribution
- Device business
  - Optical/ultra-high-speed devices for optical communication networks and communication equipment

Quality assurance of food and pharmaceuticals
- Food manufacturers (Agricultural products, meat, processed food)
- Pharmaceutical/cosmetics manufacturers (Tablets, capsules, liquids, and patches)

Main customers

- Smartphone/tablet device manufacturers
- EMS (electronics manufacturing services)
- Chipset manufacturers
- IT service providers
- Telecommunications carriers
- Manufacturers of automobiles and vehicle-related equipment
- Telecommunications carriers
- Communication-related construction companies
- Communication equipment manufacturers
- Electronic device/component manufacturers
- Communication equipment manufacturers
- Mobile device manufacturers
- Electronic equipment manufacturers
- Automobile and vehicle-related equipment manufacturers

*EMEA: Europe, Middle East, Africa