

Market Trends	Customers and Solutions	Strengths	Main Products
<ul> <li>Test and Measurement</li> <li>Mobile Phone Market</li> <li>Commercialization of LTE (2010 in Japan and the United States)</li> <li>Commitments to deploy LTE: 80 telecom carriers in 33 countries</li> <li>Global expansion of 3G mobile phone use in BRICs, etc.</li> </ul>	<ul> <li>Customers</li> <li>Chipset manufacturers, mobile phone handset manufacturers, IT-related service providers and telecom carriers</li> <li>Solutions</li> <li>Measurement for mobile phone handset development, certification use and production use</li> </ul>	<ul> <li>60-70% global market share for measuring instruments for use in 3G mobile phone development</li> <li>Wireless measurement and protocol analysis technologies</li> <li>Conformance testing, interop- erability testing</li> </ul>	
<ul> <li>Network Infrastructure Market</li> <li>Continued demand for base station installation</li> <li>Strengthening and upgrading of mobile backhaul to address shortage of transmission capacity</li> <li>Acceleration and capacity expansion with 40Gbit/s and 100Gbit/s back- bone networks</li> </ul>	Customers • Telecom carriers, telecom network construction companies and telecom- munications equipment manufacturers Solutions • Optical, digital and IP measurement • Base station measurement • Network quality assurance	<ul> <li>70-80% global market share for handheld measuring instruments for base stations</li> <li>Wireless and wireline test and measurement technologies</li> <li>Ultra-high-speed signal measurement technologies</li> </ul>	LTE-capable MD8430A Signaling Tester UTE-capable MT822x Base Station Analyzer
Electronics Market • Expanded production of wireless modules and electronic components for telecommunications for cloud computing, smart grids, car electron- ics, digital household appliances, etc.	<ul> <li>Customers</li> <li>Electronic components manufacturers, telecommunications equipment manufacturers, etc.</li> <li>Solutions</li> <li>General purpose measurement (signal generators, spectrum analyzers, etc.)</li> </ul>	<ul> <li>Wireline and wireless test and measurement technologies</li> <li>Meets customer requirements by expanding product lineup and applications</li> </ul>	
<ul> <li>Information and Communications</li> <li>Demand for video monitoring for rivers, dams and public facilities</li> <li>Demand for disaster prevention and disaster communications</li> <li>Growth of IP network traffic</li> </ul>	<ul> <li>Customers</li> <li>Government offices, municipal governments, private sector (financial institutions, etc.)</li> <li>Solutions</li> <li>Systems related to upgrading public infrastructure and bandwidth control- lers for enhancing network quality</li> </ul>	<ul> <li>Business collaboration with system integrators and trading companies</li> <li>Provides one-stop video monitoring solutions</li> </ul>	PureFlow® Series bandwidth controllers
<ul> <li>Industrial Automation</li> <li>Japan Continued demand for quality control inspections for food, etc.</li> <li>Overseas (Asia) Increased demand for weight inspection for food and pharmaceuticals (Europe and the Americas) Heightened demand for detection of alien materials in food</li> </ul>	<ul> <li>Customers</li> <li>Food, pharmaceutical and cosmetics manufacturers</li> <li>Solutions</li> <li>Quality control inspection equipment for food, pharmaceuticals and cosmetics (X-ray inspection systems for detecting alien materials, checkweighers, etc.)</li> </ul>	<ul> <li>High-precision X-ray analysis technologies</li> <li>Signal and image processing technologies</li> </ul>	X-ray inspection systems
<ul> <li>Services and Others</li> <li>Increased demand for optical devices used in network infrastructure</li> <li>Increased demand for quality control inspection for high-density packaging</li> </ul>	<ul> <li>Customers</li> <li>Electrical equipment manufacturers, telecommunications equipment manufacturers, etc.</li> <li>Solutions</li> <li>Optical devices, ultra-high-speed devices, solder paste inspection systems, etc.</li> </ul>	<ul> <li>Technologies to produce sophisticated devices</li> <li>Monolithic microwave integrated circuit (MMIC) technologies</li> <li>Micro-shape measurement technologies</li> <li>Signal and image processing technologies</li> </ul>	Laser diodes