

Research and Development

Anritsu seeks next-generation advanced technologies, so research and development and the strategy for the resulting intellectual property play a critical role as a source of its competitiveness. The Company develops key devices and creates high-value-added solutions based on its Original & High Level technologies.



Clean room for MMIC¹ research and development
Note 1: Microwave Monolithic Integrated Circuit

Research and Development Structure

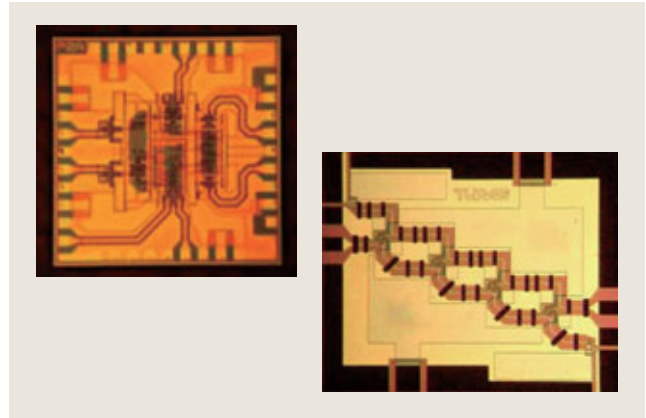
In implementing Management Innovation 2008, Anritsu has integrated the R&D Center, which performs functions including research and development of fundamental technologies and support for business divisions, with development departments that had been dispersed among domestic business divisions and other units. By gathering together these resources, Anritsu can offer timely solutions that meet customer needs, and has improved development investment efficiency.

Global R&D

Anritsu possesses various test and measurement technologies, including in wireless measurement, ultra-high-speed digital measurement, IP analysis, optical measurement, high-frequency measurement, signal monitoring, network traffic measurement, bandwidth control and alien material inspection. These technologies straddle development departments in Japan, the United States and Europe, which will share the application of component technologies and acquisition of new technologies as they develop new products globally.

Original and High-Level Technologies and Know-How

Anritsu's proprietary key devices and fundamental technologies are the source of its product differentiation,



MMIC chips used in Anritsu products

and the Anritsu Group is expanding the application of these technologies and know-how in its products. Recently, we have applied high-speed digital analysis technology in products and are equipping a variety of products with custom integrated circuits.² In software development, we are promoting development management through the use of external resources, and are applying our extensive technologies and know-how in hardware and software to develop competitive new products.

Note 2: Specially designed and manufactured chips for specific applications and products.

Strengthening Competitiveness through Our Intellectual Property Strategy

While aligning its business and R&D strategies, Anritsu is aiming to bolster its competitiveness and improve profitability by promoting broader awareness of intellectual property among employees. The Intellectual Property Department works closely with development departments in exchanging information from the product development stage. As a result, for the past several years, we have increased our number of patents held by around 10 percent annually. We will continue to effectively utilize our intellectual property and accumulated technologies and know-how as we move to bolster our competitiveness and increase corporate value.