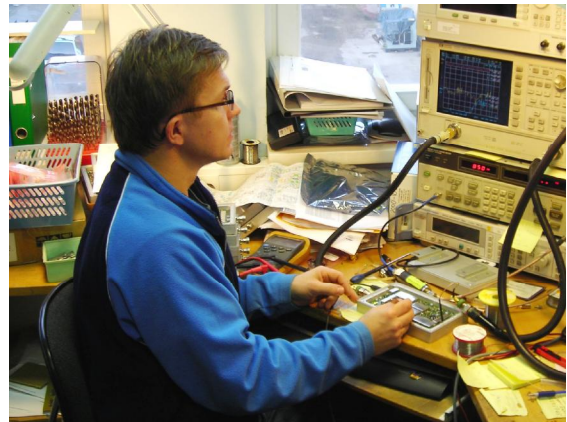


Leading professionals in RF-field applications

Rantelon offers customized Radio Frequency (RF) design services and products. We assist our customers in either specific phases or the complete product development starting with a principal circuit and finishing with a components purchase and a final product assembling. Our designs are developed with the aid of modern computer-aided design (CAD) software tools. The surface-mount assembly line permits to produce small and average PCB batches (low and medium volume productions).



We produce test boards and prototypes as well. Necessary THT components are hand assembled. Manufacturing process is accomplished following the IPC quality system and is provided with the electrostatic discharge (ESD) protection. High-quality, fast and flexible manufacturing method allows us to make quick changes accordingly to the customer needs. With the help of modern measuring equipment and experienced engineers we carry out tuning and final inspection of our products. To find out more about our services, please contact [Rantelon](http://www.rantelon.com).

Design – design of RF devices

Our company provides RF device units and blocks development services by customer specification. Design department consist of expert engineers, who have long time experience in the next areas:

- *RF-design (Filters, LNAs, Power Amplifiers, Repeaters, Converters, Detectors etc.)*
- *Embedded system design (software, microcontrollers, on-chip systems)*
- *Measurement equipment design (Power Meters, Oscillators, Directional Finders etc.)*
- *Military and defence system design (Jammers, Radio Monitoring etc.)*

Ask for an advice from our engineers to order some specific units design or integrated development of the entire device by submitted specifications. Integrated design includes full solution from a principal electrical concept till the user interface housing.

Tuning and Testing – products tuning and final testing

All production undergoes tuning, testing and final inspection using modern measurement equipment. In accordance with customer instructions 100 percent or selective production quality control is performed. We tune and control ready products to customer's order.

Repair – RF repair

The company performs RF repair services. Our specialists' experiences, good contacts with suppliers over the world and modern components make it possible to implement repair of device in certain cases even without specifications and principal electronic circuit.