

# TEKREX<sup>®</sup>

## Case Studies

### RF Amplifier

#### Our Solution

The test and measurement manufacturer partnered with TekRex through our engineering staffing services in order to bring the client's sketch into a fully-functioning product.

The tight space of the rack meant TekRex had to take special care to house the large auxiliary components and power supply, while also designing a cooling system to prevent performance loss.

A manufacturer for the test and measurement industry needed an RF amplifier for use in the semiconductor industry. The issue was the client requesting it had a short schedule and only high-level specifications, including a requirement to fit into a very specific rack.

Challenge



#### Results



TekRex was able to design and create the amplifier within the specified time frame and with a level of craftsmanship that surpassed the client's expectations.



The success of the project meant that the client ultimately ordered several more units.