

Introduction undergraduated thesis  
März 2011 – July 2011

# Rohde & Schwarz

in Memmingen und Sydney

Christiane Klaus



**ROHDE & SCHWARZ**

# Company overview

**Independent:** Privately owned family business

**Tradition:** More than 75 years of market success

**Success:** Leading in four business fields worldwide – test and measurement, broadcasting, secure communications as well as radiomonitoring and radiolocation

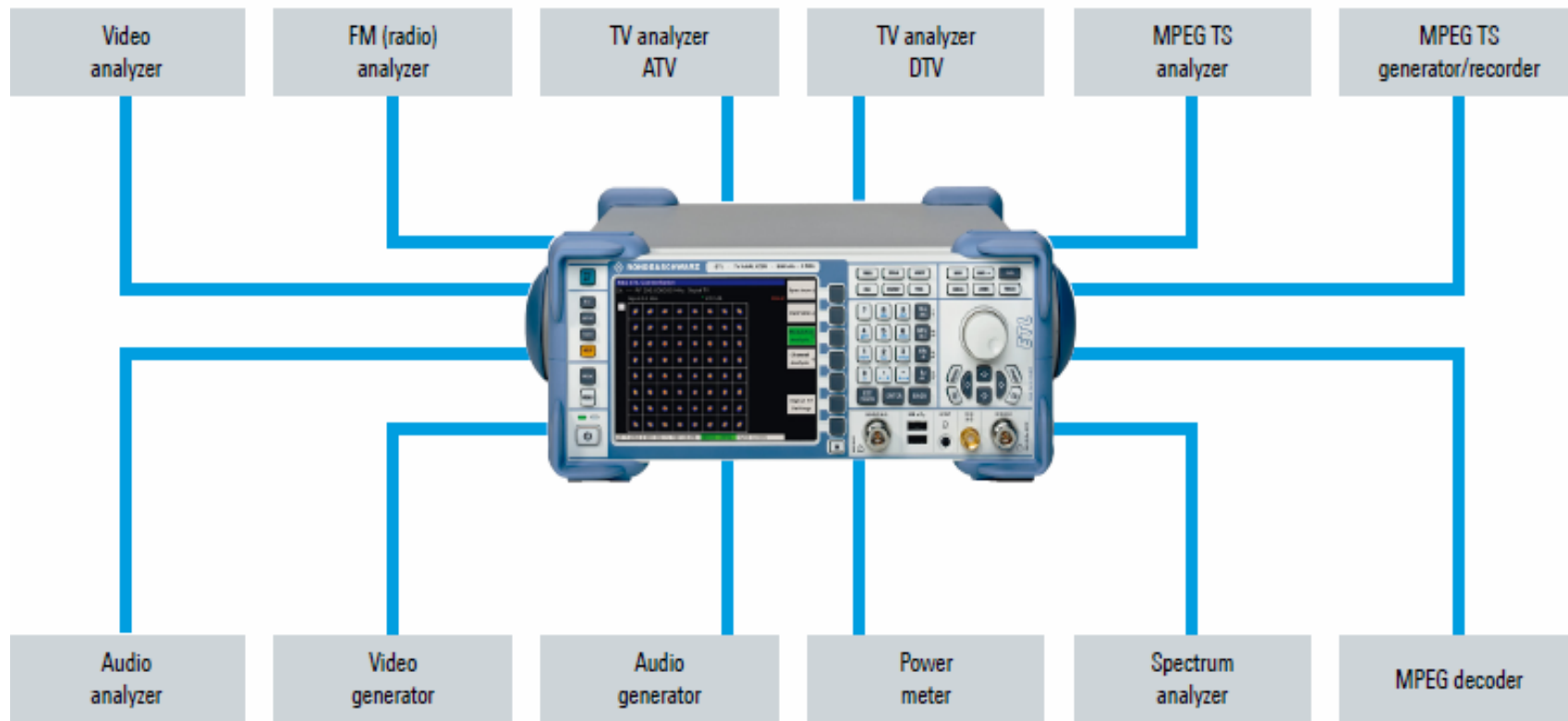
**Globality:** Approx. 7400 employees in more than 70 countries, own subsidiaries in 57 of them

**Innovation:** Approx. 15% of the annual turnover goes into research and development. Each year, approx. 300 new products and product expansions are launched on the market



# Undergraduated thesis

**Object:** Automatization of the performance test for the ETL



# Undergraduated thesis - Tasks

Adaptation of the existing automated production test for the ETL with all manufacturer recommended performance tests implemented.

Change the switching of measuring configurations from automatic to manual to reduce hardware investment and increase flexibility

Implementation of the new ETL instrument driver to ensure stability.

Commissioning and uncertainties calculation of the created Australian system



# Company contact

After my internship at R&S Munich I got the one-time opportunity to do my thesis in Australia. Special thanks to Daniel Höbel, who made the contact to Australia, and all other colleagues for supporting me.

But also the opportunities to do a thesis in Munich are great: interesting topics, good advisors and well paid!

Check on [www.rohde-schwarz.de](http://www.rohde-schwarz.de) or send your unsolicited application!



# Contact details

## Advisor University:

Prof. Dr. Arnulf Deinzer: [arnulf.deinzer@fh-kempten.de](mailto:arnulf.deinzer@fh-kempten.de)

## Company advisor:

Mr. Slavic Karpowicz (Australia)

Mr. Roland Just (Memmingen)

## Recruiting:

Svenja Knobloch: [Svenja.Knobloch@rohde-schwarz.com](mailto:Svenja.Knobloch@rohde-schwarz.com)

## Me:

Christiane Klaus: [Klaus.Chrissi@t-online.de](mailto:Klaus.Chrissi@t-online.de)

