

# DECT TESTING

## About Nemko Comlab

Nemko Comlab is one of the leading testhouses for DECT (Digital Enhanced Cordless Telecommunications) testing and offers a complete range of test services. Our goal is to offer high quality together with short lead times and the most flexible service. The test personnel at Nemko Comlab have been working with DECT testing for many years and have extensive experience in testing of all types of radio and telecom equipments.

## Overview

We offer DECT testing to cover the following areas:

- Radio Interface of handset and base station
- Network access requirements for analogue and digital public networks
- Acoustical requirements
- GAP protocol
- EMC requirements
- Safety requirements
- Health requirements (SAR)

## Worldwide testing

Our strategy is to offer everything necessary to put your DECT equipment on the market in all countries where DECT is used. DECT test reports from Nemko Comlab are accepted in all countries; however some countries require extra testing. Whenever possible, we will seek to offer this testing. At the moment we offer extra testing for Russia and Australia.

## DECT 6.0

Nemko Comlab now also offers testing to all FCC and Industry Canada UPCS requirements for DECT 6.0, also known as US DECT. This includes testing to FCC part 15 and IC RSS-213 Issue 2.

Within the Nemko group we offer all services necessary to have your DECT 6.0 equipment certified and ready for sale on the North American market. This includes FCC and Industry Canada Certification as well as ACTA registration.

## Notified Body

As a Notified Body to the R&TTE directive we offer everything necessary to CE mark DECT equipment. We can do a review of your TCF (Technical Construction File) and we can give advice when making the TCF. We can also do a TCF review in cases where some of the tests, like e.g. safety, have been performed at other accredited testhouses.

## List of standards

List of relevant DECT standards Nemko Comlab offers testing to:

EN 301 406	Radio requirements (replaces TBR 6)
TBR 10	Telephony and acoustics
TBR 22	Generic Access Profile
ES 203 021	PSTN Line Interface
TBR 3	ISDN Line Interface
EN 301 489	EMC requirements
EN 60950	Safety requirements
SAR	SAR tests
GOST	Access standards for Russia
FCC 15	US DECT for use in the UPCS frequency band
RSS-213	UPCS standard for Canada

