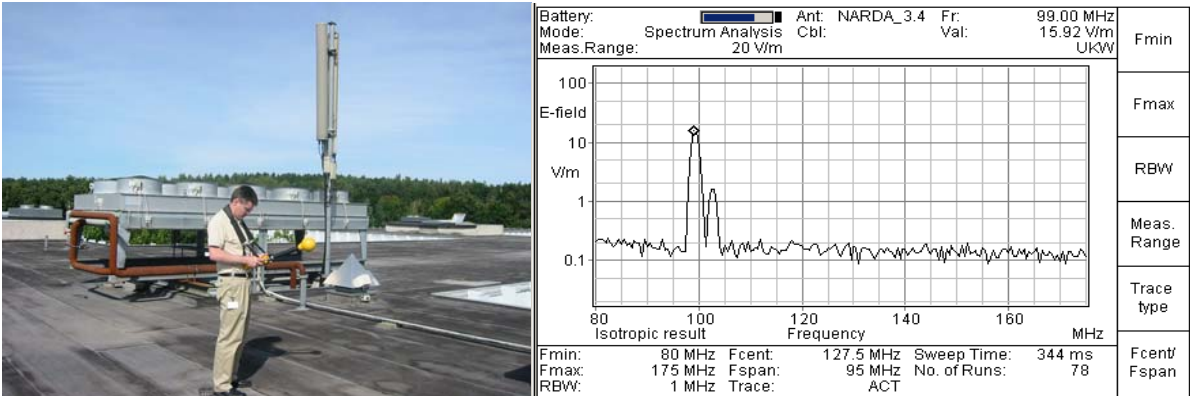


Measuring of electromagnetic fields from Cell Sites, Broadcast Towers etc.



The results of the measuring of electromagnetic fields – also known as radiation – is essential when debating the impact for the public concerning cell sites and other radiating antenna structures.

The introduction of UMTS has caused a lot of discussion particularly with focus on electromagnetic fields and personal safety, resulting in some insecurity in the population.

In this folder the operators, municipalities, land owners etc. can find information on how independent certified measuring of the electromagnetic fields from installed antennas can be made.

Ramboll is not in a position to comment whether electromagnetic fields are indignant or not. However we can measure if the field strength exceeds the current national limit values.

The measuring is carried out with brand new equipment specially designed for exactly this purpose/assignment.

Measurements can be carried out in the frequency band from 75 MHz to 3000 MHz, as among other things cover FM-Radio, TV, GSM 900/1800, wireless phones and UMTS.

The measurement equipment can register the individual frequencies and the actual size of the different electro magnetic fields.

The measurement equipment is mobile, so the measurements can be carried out on all sites, in apartments, on terraces, on roofs or on ground.

Before the measurements are carried out, Ramboll will typically provide a binding offer for accomplished measuring test as well as for the reporting.

The measurement and analysis of the results are made according to the current national limit values.

The results of the measuring are presented in an easy understandable report, which can be read without any special knowledge in the area.

The measuring is carried out according to the quality system of Ramboll "Measurement of EMR", following DS/EN ISO 9001:2000.

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