

Fields * Waves * Radiation in Homes and Offices: **Analysis & Protection Solution**

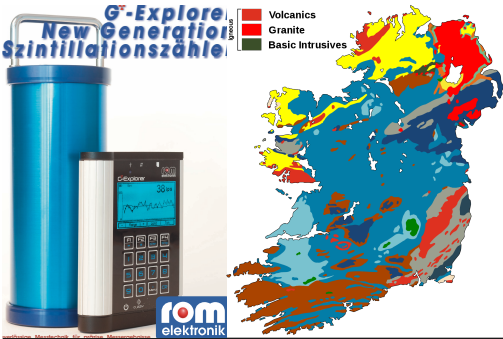
ABOUT:

Guided by the “Precautionary Evaluation Guidelines for Sleeping Areas 2015” of the Institute Building Biology (IBN, Germany), Healthy Buildings Co / est.1989, offers examinations & reports on a wide range of electric and electromagnetic exposures for sleeping areas and computing / office environments. Surveys take place to the standards and with the metering equipment approved by the Institute IBN. Working strictly to these Standards means that we do not promote practises such as dowsing or various costly appliances such as Wave Harmonisers, Grounding mats for sleeping areas etc.

PRACTICES:

- First the options of reducing physical and chemical exposure are addressed before recommendations are made on investing into suppliers of exposure reducing & shielding equipment / domestic electrical installations. Where required RECI appointed electricians may supply, install and certify.
- Sleeping places can be examined for their natural magneto static situation and - diversions, as well as for geological disturbances. Homes & computing places can be examined to strict TCO standards and guidelines.
- We can advise on natural light, surface treatments, home insulation, radioactivity in building materials, Radon and CO2 based on our 30 years with the Irish Ecological Building industry.

AREAS OF SURVEYING:

<p>A1 AC Electric Fields (Low Frequency) – Field Strength <u>with Ground Potential</u> (V/m) among others “Dirty Power” Evaluation, computing exposure to TCO standards – Body Voltage <u>with Ground Potential</u> (mV) – Field Strength, <u>Potential free</u> (V/m) especially Bed & Mattress examination</p> <p>A2 AC Magnetic Fields – Flux Density in nanoTesla (or milliGaus) – magnetic charge of mattress coils etc. – optional: long term evaluation Overhead Wires</p> <p>A3 Radio-Frequency Radiation (High Frequency) Sources: Mobile Ph. GSM9/18, UMTS/3G, LTE/4G, TETRA, WiFi, DECT, Bluetooth, Radar New: 5G – Power Density in Microwatt per square meter -</p> <p>A4 Static Electric Fields (Electrostatics) – Surface Potential (V) – Discharge time (sec.)</p> <p>A5 Static Magnetic Fields (Magnetostatics) – Deviation/Fluctuation of Flux Density (nanoTesla) – Anomalies of Earth magnetic Field – Certified Metering by gigahertz-solutions.com – EU Certified Partners: biologa, Danell, YShield</p>	<p>A6 Radioactivity (Gamma Radiation) – RADON & CO2 in ppm / cubic meter – Ad Hoc RADON metering, optional long term examination</p> <p>A7 Geological Disturbances Underground alterations and distortions/ faults – from small areas (bedrooms) – to larger building sites – examined by “G-Explorer” (Scintillations-Counter)</p> <div data-bbox="906 1413 1410 1749" data-label="Image">  </div> <p>A9 Light General Advise for Offices, Living - & Sleep areas. Colour Spectre, - Temperature and Flickering are examined</p>
---	---

Survey & Summary Report will address Areas A1 to A6; A7 & A9 require separate surveys