



Product Service

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ECODRY Systeme GmbH
Mr. Berndt Müller-Hammerström
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Your ref./from	Our ref./Name	Phone-ext/E-Mail	Fax-ext	Date	Page
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Result of standard inquiry

Dear Mr. Müller-Hammerström,

The scope of the directive 2013/35/EU covers the assessment of the “minimum health and safety requirements regarding the exposure of workers to the risk arising from physical agents (electromagnetic fields)”. So the limitations of this directive are intended for evaluating working-places, and not evaluating single devices in the first place.

Due to the frequency range of the device (28 Hz – 706 Hz) limitations of Annex II (Non-thermal effects – Exposure limit values and action levels in the frequency range from 0 Hz to 10 MHz), only. Limitations according to Annex III (Thermal effects – Exposure limit values and action levels in the frequency range from 100 kHz to 300 GHz) are not applicable. “Action levels” means operation level established for the purpose of simplifying the process of demonstrating the compliance with relevant exposure limit values or, where appropriate, to take relevant protection or prevention measures specified”.

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The values measured in 2011 are below the action level for magnetic fields as defined in Annex II of the directive. According to table B2, the lowest level for magnetic flow is 424.9 μT at 706 Hz. At this frequency the measured value of magnetic flow is 6.7 μT , which is the maximum measured level over all measured levels.

But: Furthermore in Annex II there are limitations for electric fields, contact-currents and static magnetic fields, too. These limitations can't be evaluated with the existing test results. But these limitations can be exempt from evaluation by technical review of the EUT in most cases, usually.

Yours sincerely,

TÜV SÜD Product Service GmbH

A handwritten signature in blue ink, appearing to read 'J. Roidt'.

i.V. Johann Roidt
Branch Director

A handwritten signature in blue ink, appearing to read 'Steindl Martin'.

i.A. Martin Steindl