

EXPERT REPORT

Ordered by: YSHIELD EMR-Protection
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Devices under Test : **RF- and Microwave Shielding Paint**
NSF34 covering 12,5 squaremeter by 1 liter,
applied to an even panel of plaster


Subject: Measurement of the Shielding Efficiency against electric
fields of 50 Hz, source of the field: 230 V power line

Date of Measurements: 27th of February 2007

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Results: The measurements proved, that the panel, painted with RF-and
Microwave Shielding Paint NSF34 will reduce electric fields,
provoked by power lines with a voltage of 230 V, by **40 dB**,
provided the panel and the surface of the conducting paint is
grounded properly.
40dB shielding of an electric field means a reduction of the field
strength behind the shielding panel by 1 : 100.

Neubiberg, 27th of February 2007



Prof. Dipl.-Ing. P. Pauli