

Additional Conversion Factors for Dosimetric E-Field Probe

Type:

ET3DV6

Serial Number:

1748

Place of Assessment:

Zurich

Date of Assessment:

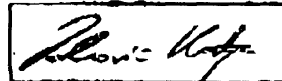
December 28, 2004

Probe Calibration Date:

March 23, 2004

Schmid & Partner Engineering AG hereby certifies that conversion factor(s) of this probe have been evaluated on the date indicated above. The assessment was performed using the FDTD numerical code SEMCAD of Schmid & Partner Engineering AG. The evaluation is coupled with measured conversion factors (probe calibration date indicated above). The uncertainty of the numerical assessment is based on the extrapolation from measured value at 900 MHz or at 1800 MHz.

Assessed by:



Dosimetric E-Field Probe ET3DV6 SN:1748

Conversion factor (\pm standard deviation)

835 \pm 50 MHz ConvF 6.46 \pm 7%

$\alpha = 41.5 \pm 5\%$
 $\sigma = 0.90 \pm 5\%$ mho/m
(head tissue)

1900 \pm 50 MHz ConvF 5.03 \pm 7%

$\alpha = 40.0 \pm 5\%$
 $\sigma = 1.40 \pm 5\%$ mho/m
(head tissue)

Important Note:

For numerically assessed probe conversion factors, parameters Alpha and Delta in the DASY software must have the following entries: Alpha = 0 and Delta = 1.

Please see also Section 4.7 of the DASY4 Manual.