

Schmid & Partner Engineering AG

**s p e a g**

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Dr. Chris Zombolas  
EMC Technologies Pty. Ltd.  
57 Assembly Drive  
Tullamarine, Vic  
Australia 3043

Zurich, September 6, 2004


**Re: Additional Conversion Factor for Dosimetric E-Field Probe (Your P.O. No. 1138)**

Dear Chris,

Attached please find additional conversion factor for dosimetric E-field probe ET3DV6 - SN:1380.

Should you have any additional questions, please do not hesitate to contact us. We are always honored to offer our products and services to EMC.

Best regards,

  
Katja Pokovic

Encl.

## **Additional Conversion Factors**

**for Dosimetric E-Field Probe**

Type:

**ET3DV6**

Serial Number:

**1380**

Place of Assessment:

**Zurich**

Date of Assessment:

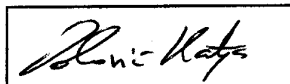
**September 6, 2004**

Probe Calibration Date:

**July 14, 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 uncertainty of the numerical assessment is based on the extrapolation from measured values.

Assessed by:



## **Dosimetric E-Field Probe ET3DV6 SN:1380**

Conversion factor ( $\pm$  standard deviation)

**1610 MHz**      ConvF       **$5.3 \pm 10\%$**

$\epsilon_r = 40.3 \pm 5\%$   
 $\sigma = 1.29 \pm 5\% \text{ mho/m}$   
(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.**