

## SYSTEMVALIDATION

Appendix to the report:

Dosimetric Assessment of the Portable Device  
ICON 322 from Option Wireless Germany

According to the FCC requirements

FCC ID: NCMOGI0322

Product:

ICON 322

Option Wireless Technology

Date: Aug18, 2008

## 835 MHz

Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.1 validation8351723\_240608

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 – SN:470**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 0.99$  mho/m,  $\epsilon_r = 53.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=15mm, Pin=250mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.78 mW/g

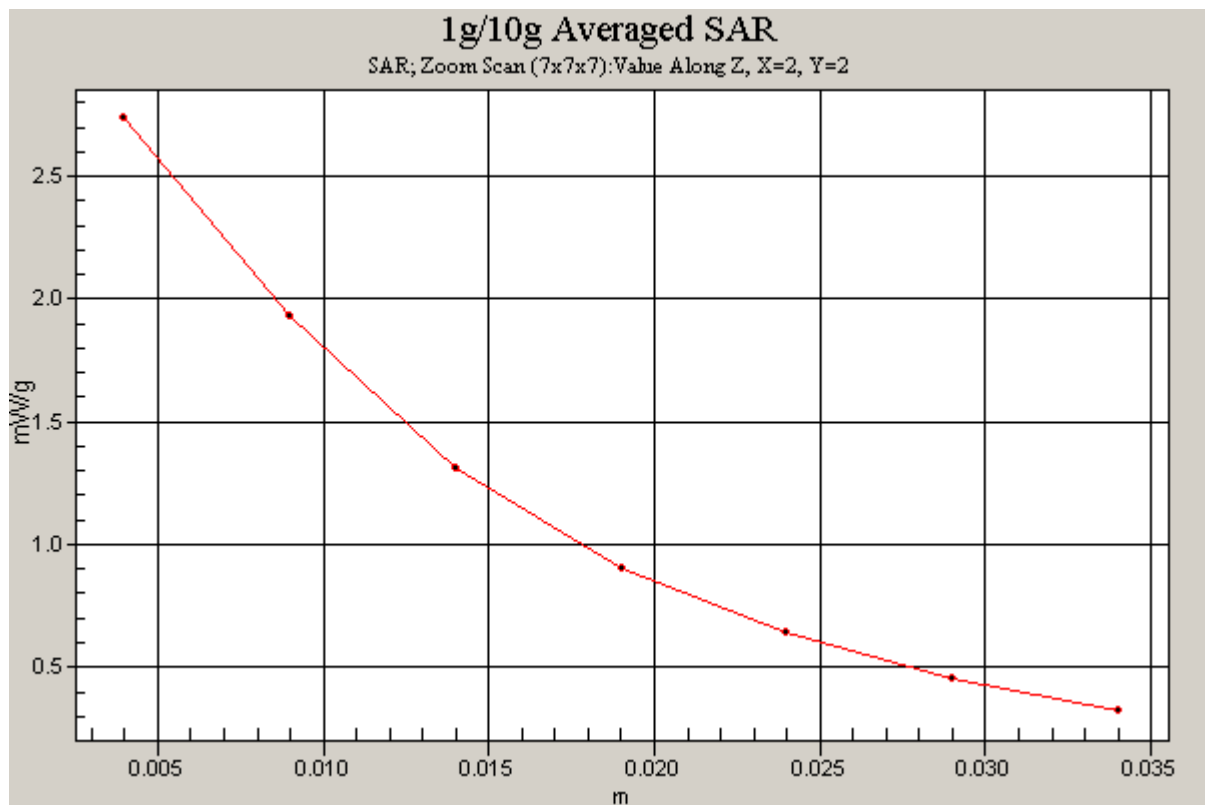
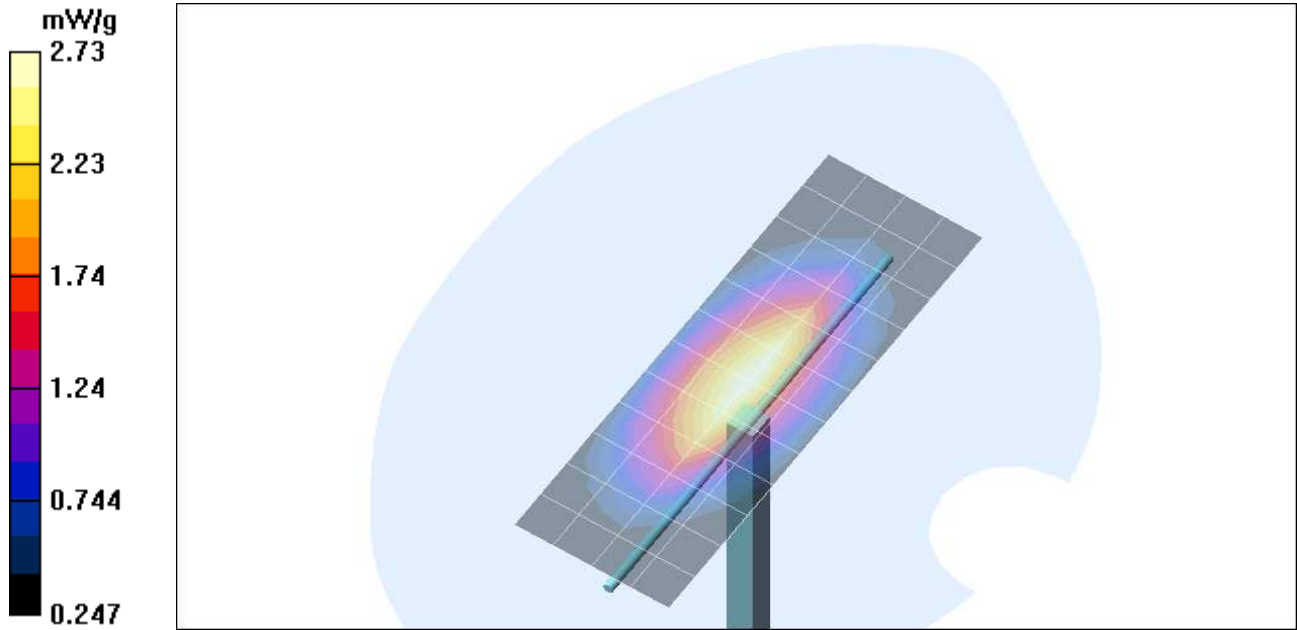
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) /Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm,  
dz=5mm

Reference Value = 56.4 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 3.39 W/kg

**SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.67 mW/g**

Maximum value of SAR (measured) = 2.73 mW/g



Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.2 validation8351723\_body\_080728

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 – SN:470**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 0.99$  mho/m,  $\epsilon_r = 53.81$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 – SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=15mm, Pin=250mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.71 mW/g

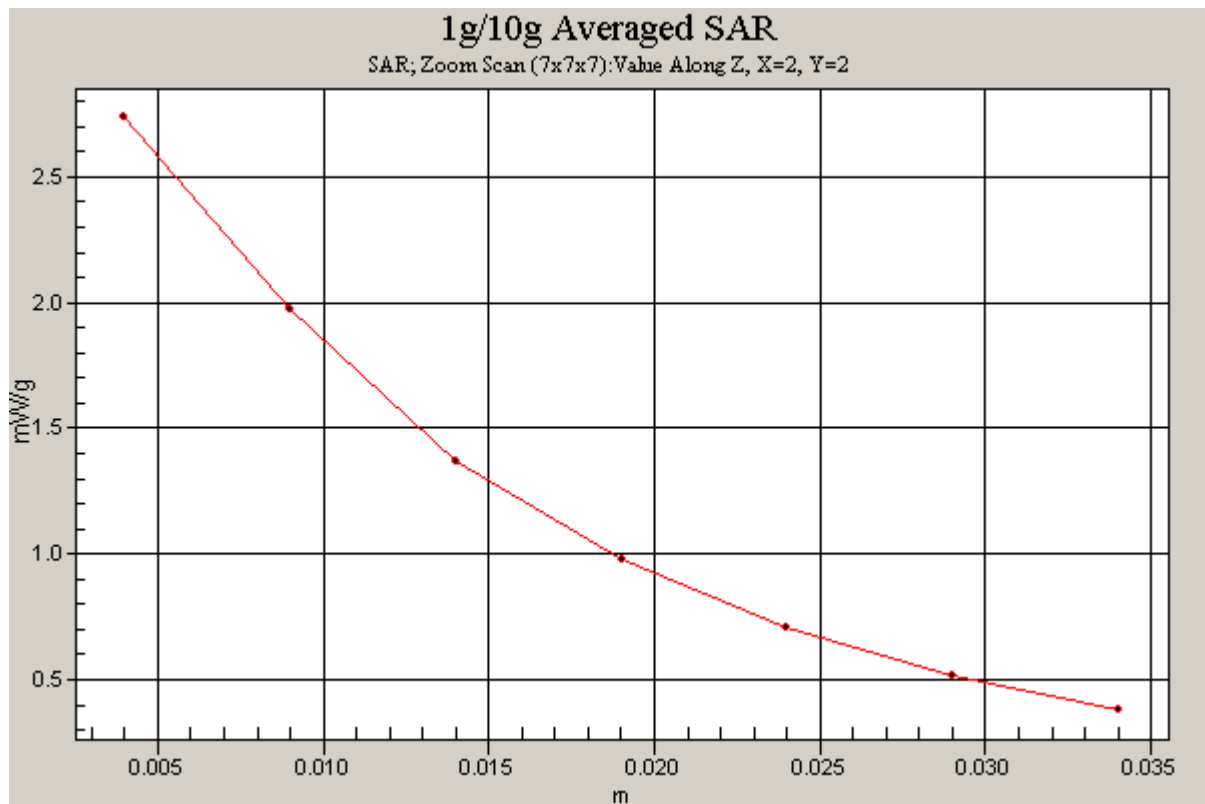
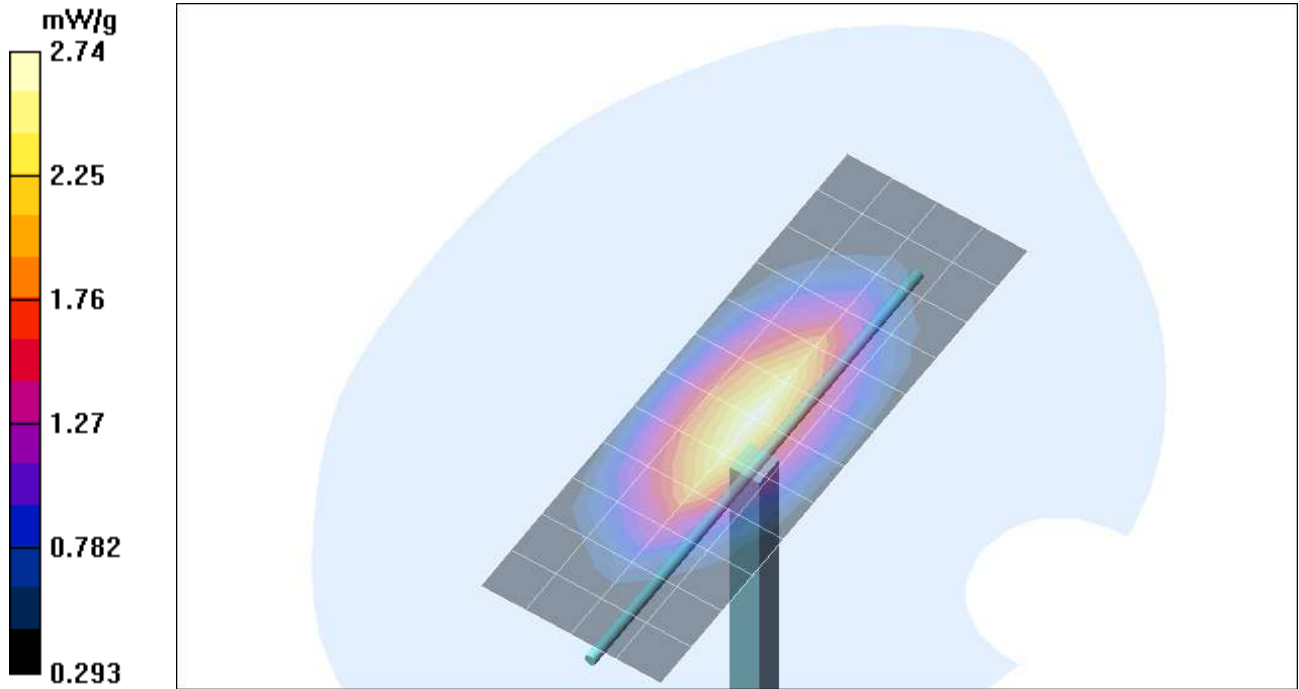
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) /Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm,  
dz=5mm

Reference Value = 55.6 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 3.32 W/kg

**SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.7 mW/g**

Maximum value of SAR (measured) = 2.74 mW/g



### 1.1.3 validation8351723\_body\_080806

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:470**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 0.95$  mho/m,  $\epsilon_r = 54.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=15mm, Pin=250mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.60 mW/g

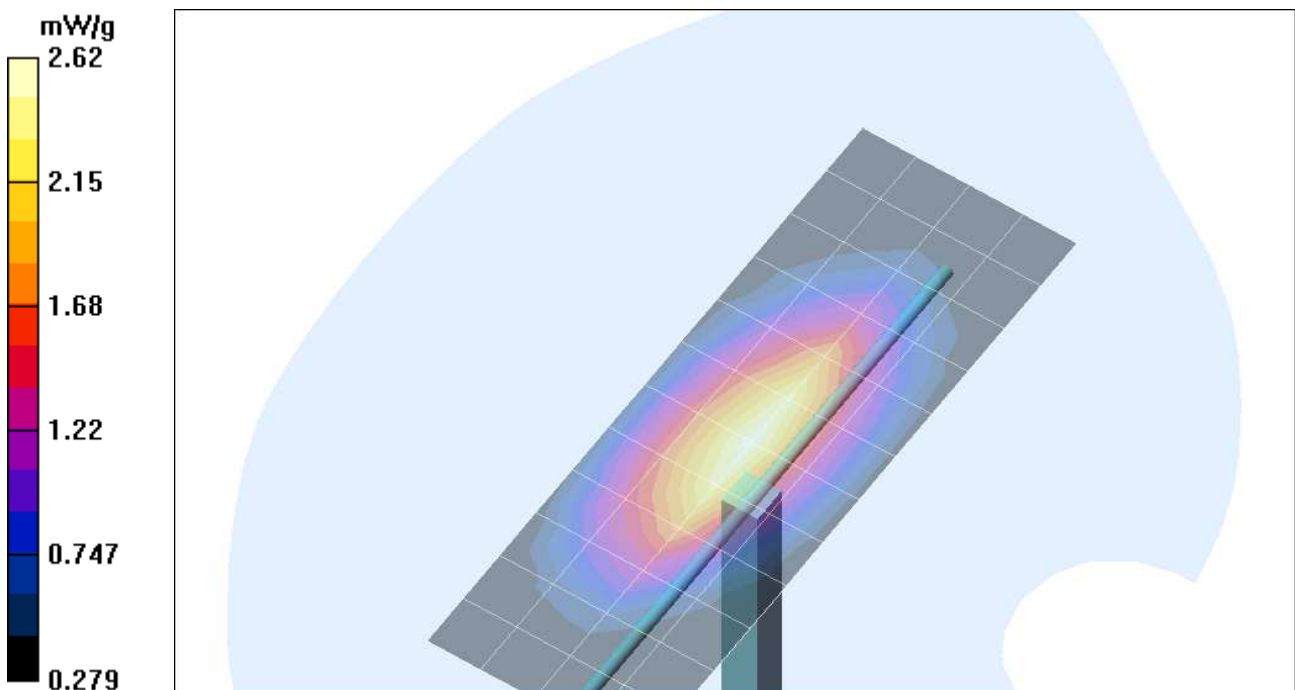
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) /Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

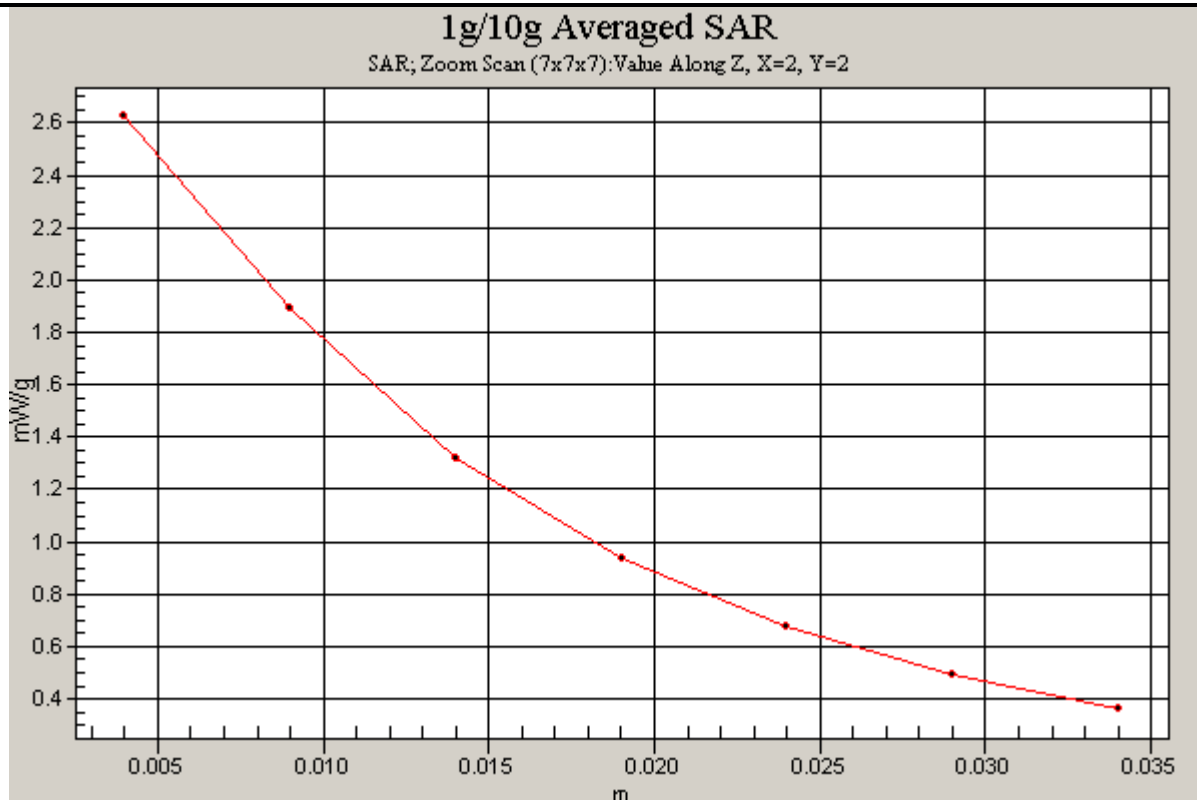
Reference Value = 56.0 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 3.18 W/kg

**SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.63 mW/g**

Maximum value of SAR (measured) = 2.62 mW/g





#### 1.1.4 validation8351723\_body\_080807

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:470**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 0.95$  mho/m,  $\epsilon_r = 54.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=15mm, Pin=250mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.59 mW/g

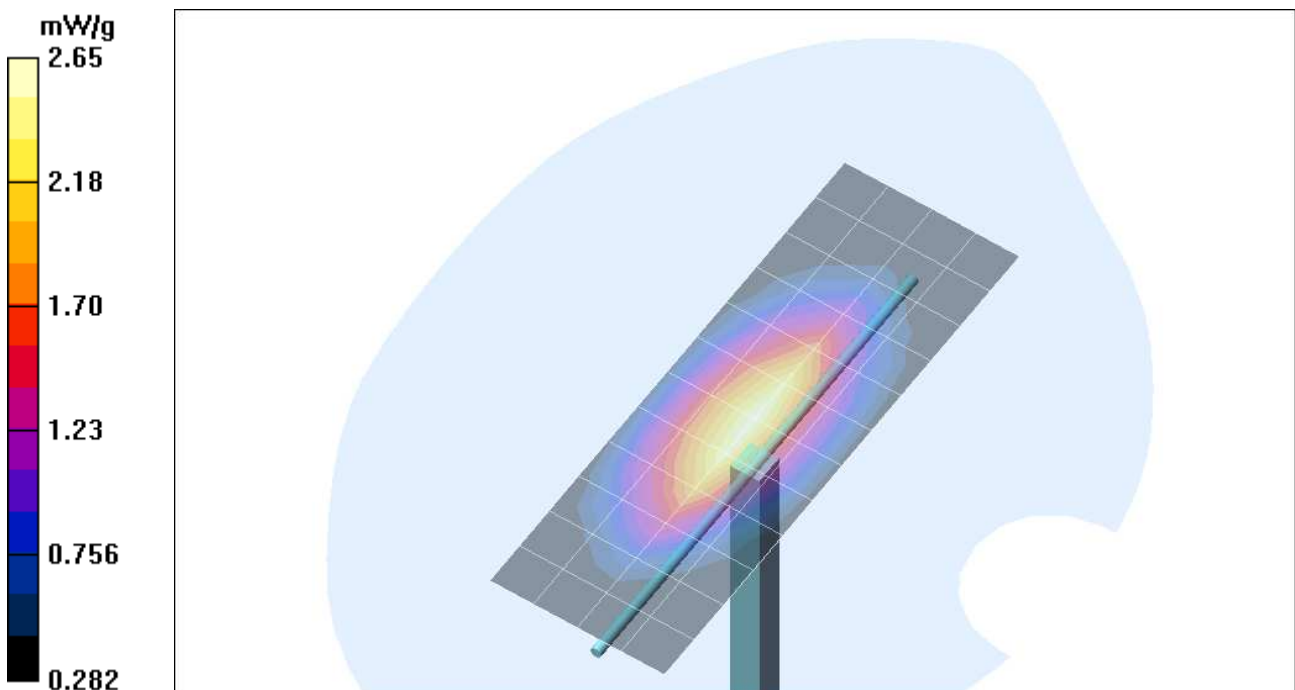
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) /Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 55.8 V/m; Power Drift = -0.024 dB

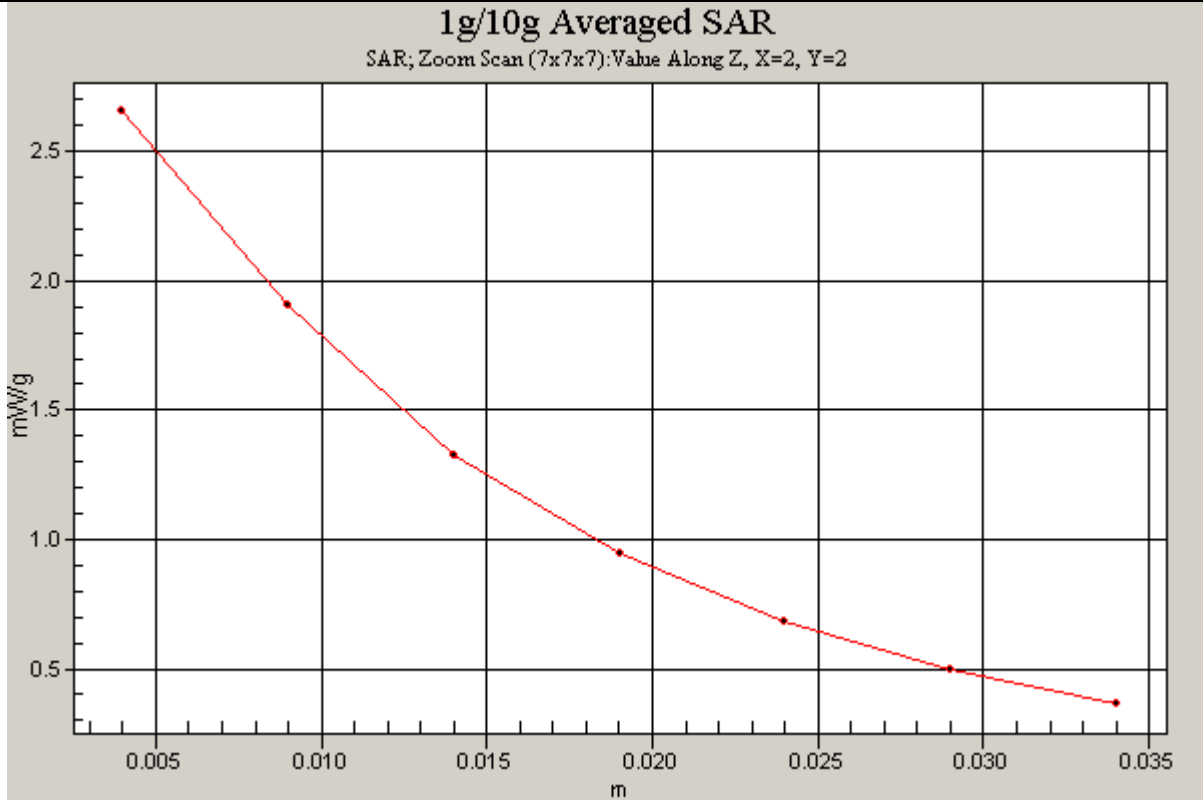
Peak SAR (extrapolated) = 3.21 W/kg

**SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.64 mW/g**

Maximum value of SAR (measured) = 2.65 mW/g







Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.5 validation8351723\_body\_080813

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:470**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0.95$  mho/m,  $\epsilon_r = 54.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=15mm, Pin=250mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.66 mW/g

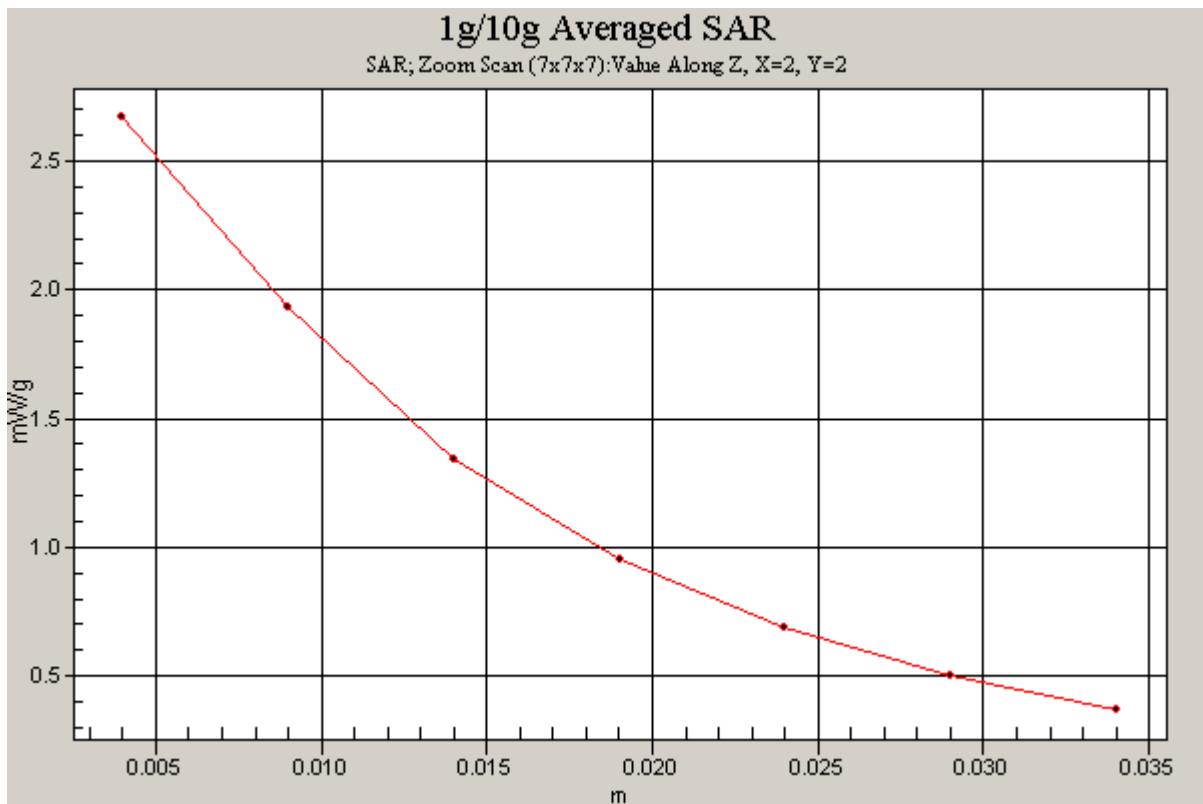
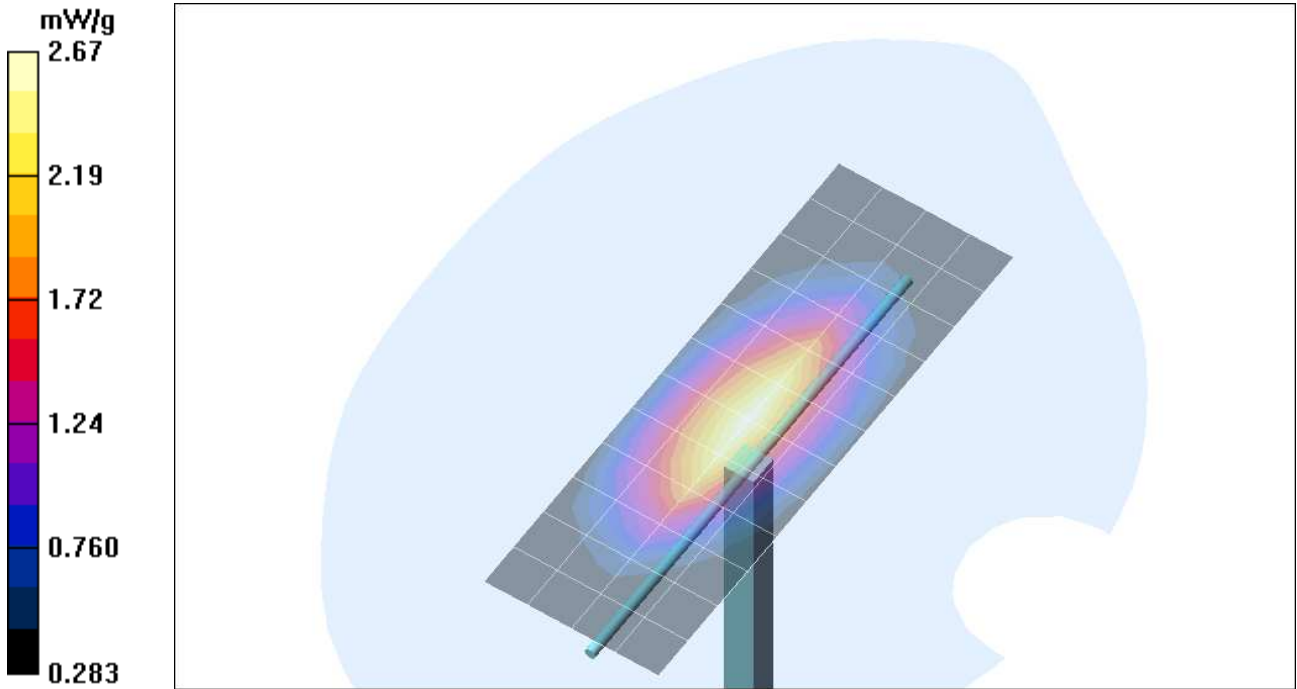
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) /Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 56.5 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 3.23 W/kg

**SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.66 mW/g**

Maximum value of SAR (measured) = 2.67 mW/g



Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.6 validation8351723\_body\_080814

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:470**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 0.95$  mho/m,  $\epsilon_r = 54.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(5.94, 5.94, 5.94); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-RIGHT; Type: SAM 4.0; Serial: 1241
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=15mm, Pin=250mW/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.57 mW/g

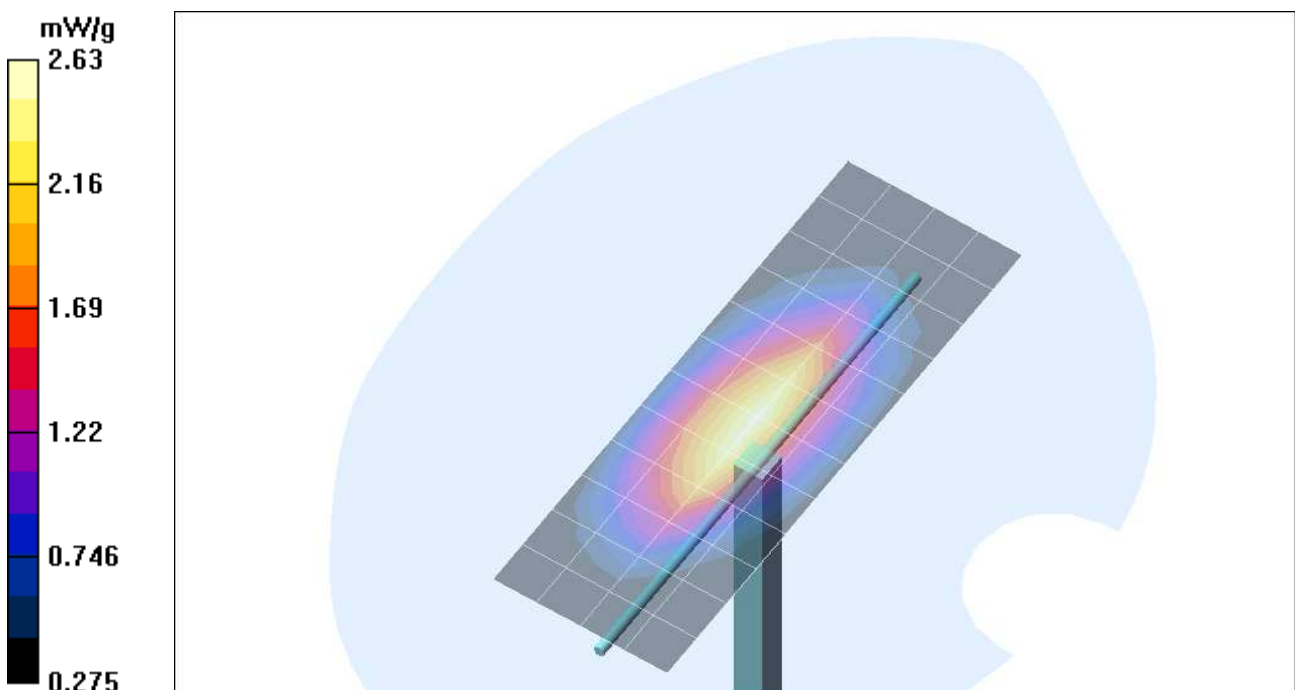
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) /Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm,  
dz=5mm

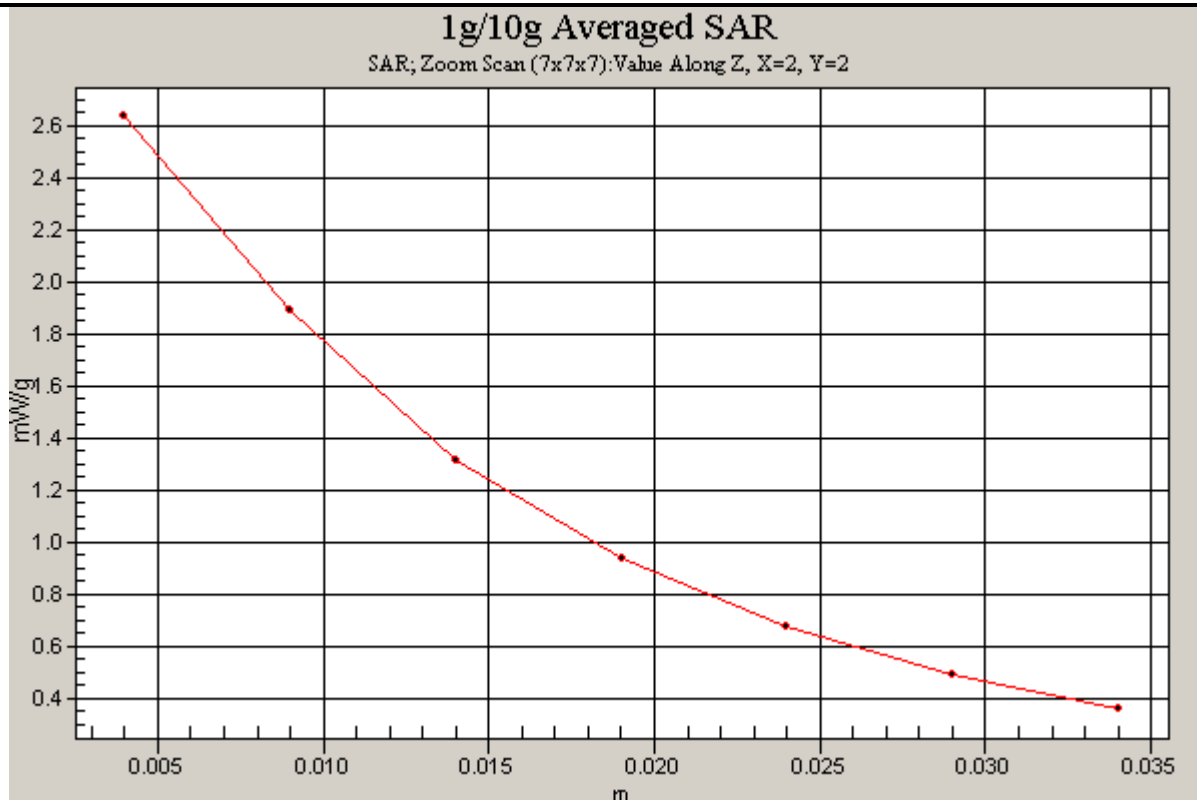
Reference Value = 55.8 V/m; Power Drift = -0.061 dB

Peak SAR (extrapolated) = 3.18 W/kg

**SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.62 mW/g**

Maximum value of SAR (measured) = 2.63 mW/g





## 1900 MHz

Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.7 validation19001723\_230608

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 – SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 1.58$  mho/m,  $\epsilon_r = 53.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

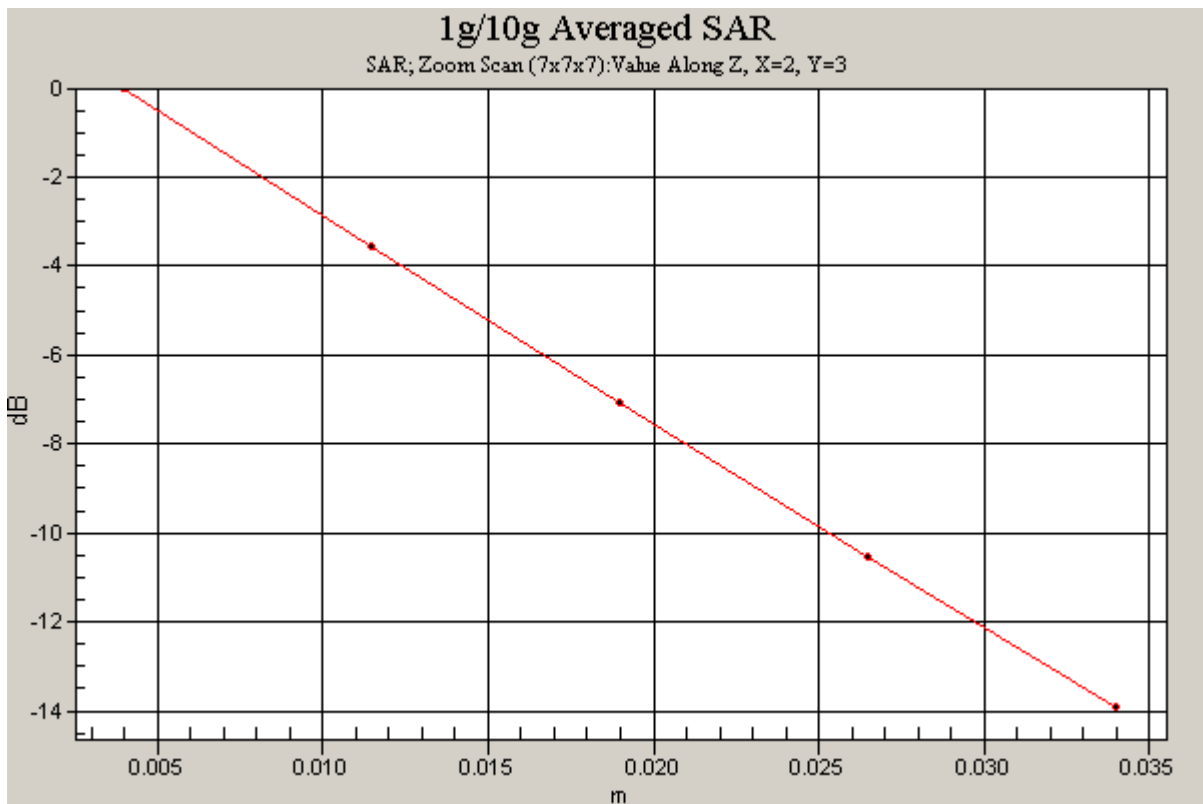
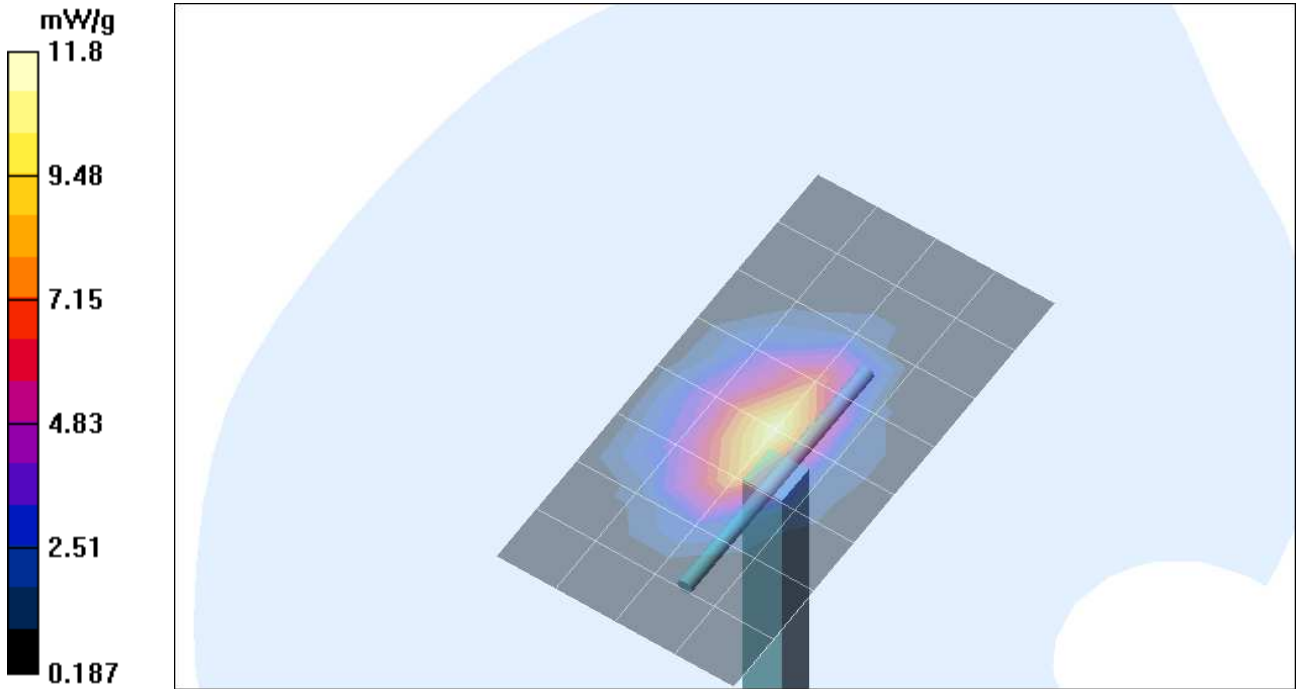
- Probe: ET3DV6 – SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 11.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm,  
dy=7.5mm, dz=7.5mm  
Reference Value = 90.7 V/m; Power Drift = 0.038 dB  
Peak SAR (extrapolated) = 18.5 W/kg  
**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.47 mW/g**

**Warning: Maximum averaged SAR over 10 g is located on the boundary of the measurement cube. This cube might not incorporate the absolute averaged SAR. Please consider a refinement of the Area Scan measurement.**

Maximum value of SAR (measured) = 11.8 mW/g



Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.8 validation19001723\_090708

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

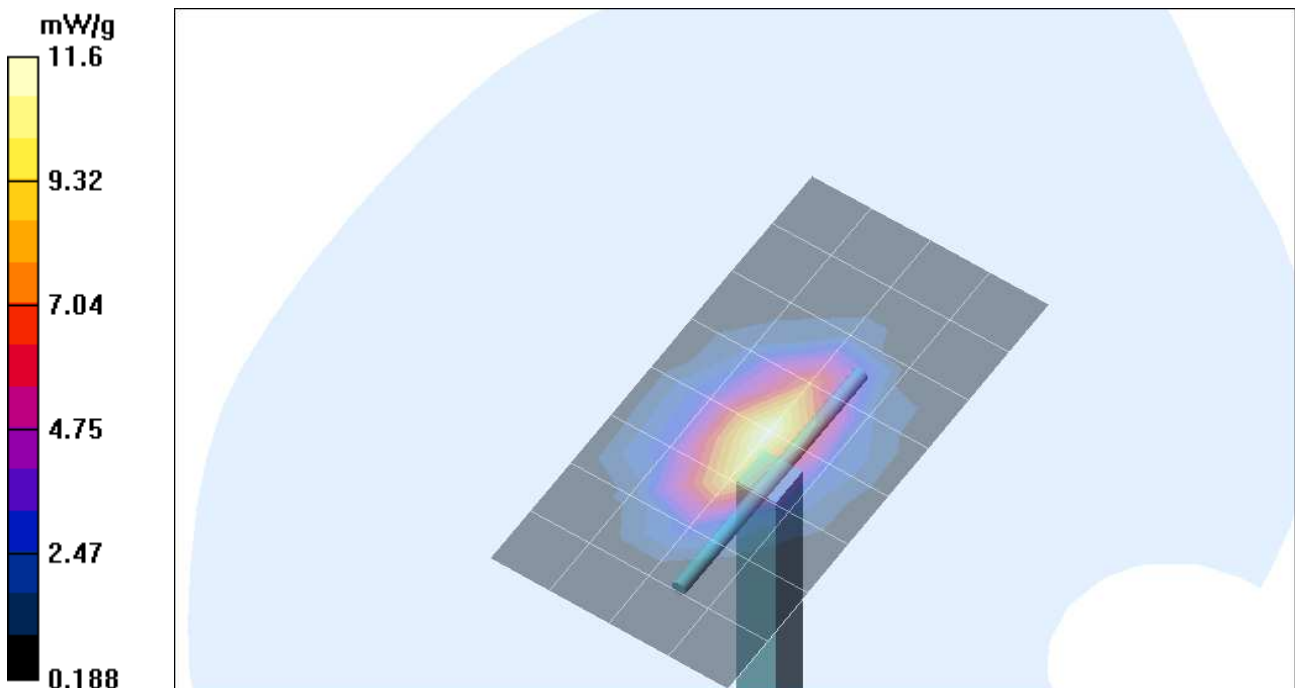
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 1.58$  mho/m,  $\epsilon_r = 53.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY4 Configuration:

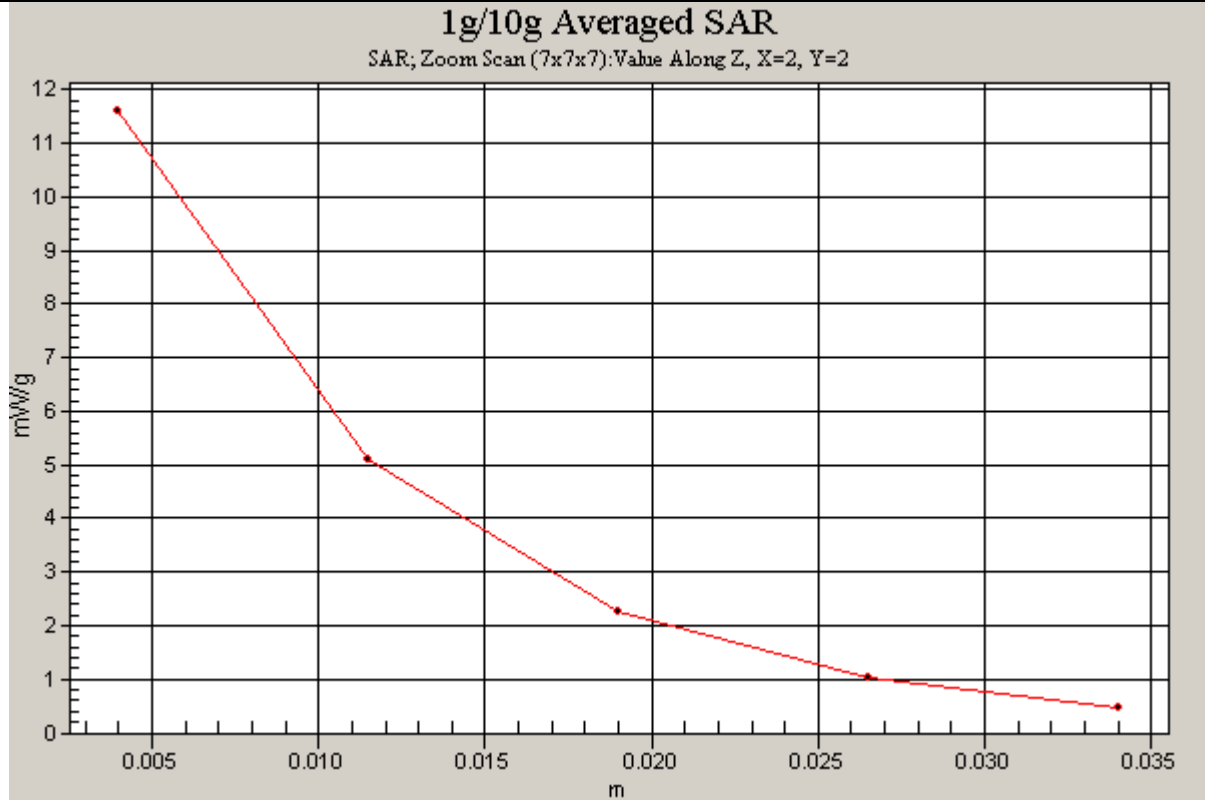
- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 11.6 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm  
Reference Value = 92.6 V/m; Power Drift = -0.00 dB  
Peak SAR (extrapolated) = 18.3 W/kg  
**SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.46 mW/g**







Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.9 validation19001723\_170708

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 1.58$  mho/m,  $\epsilon_r = 53.95$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.0 mW/g

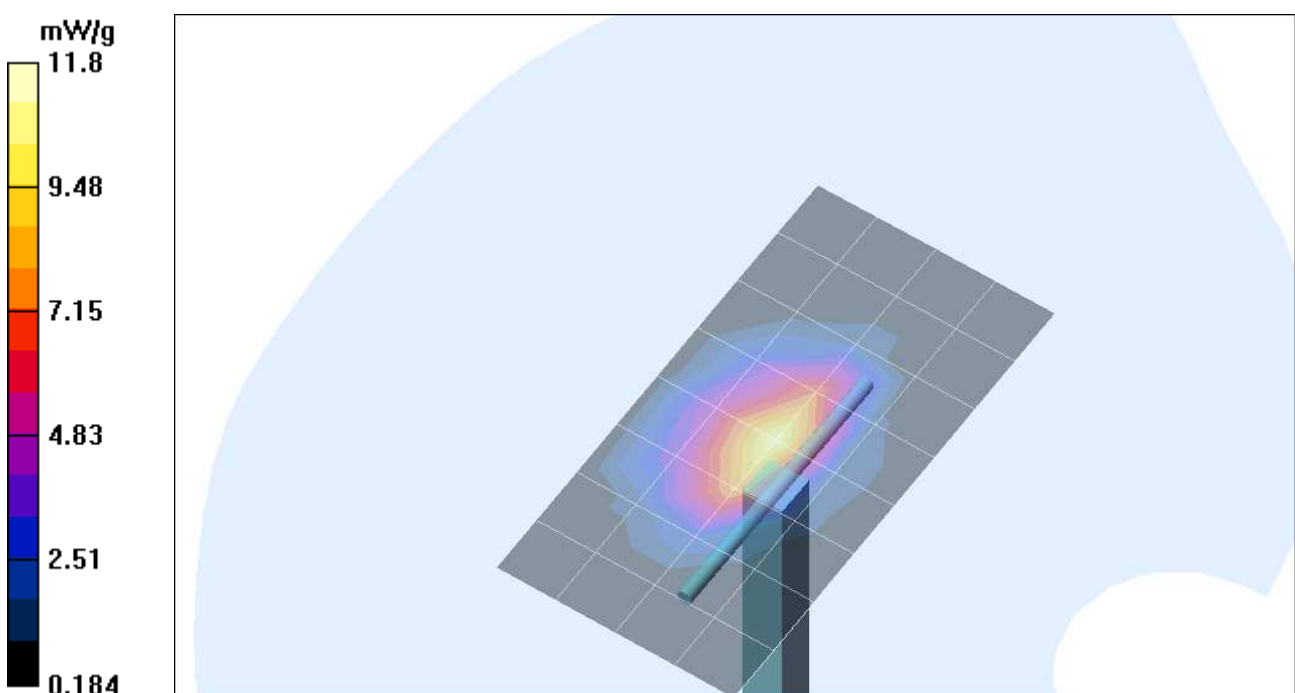
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

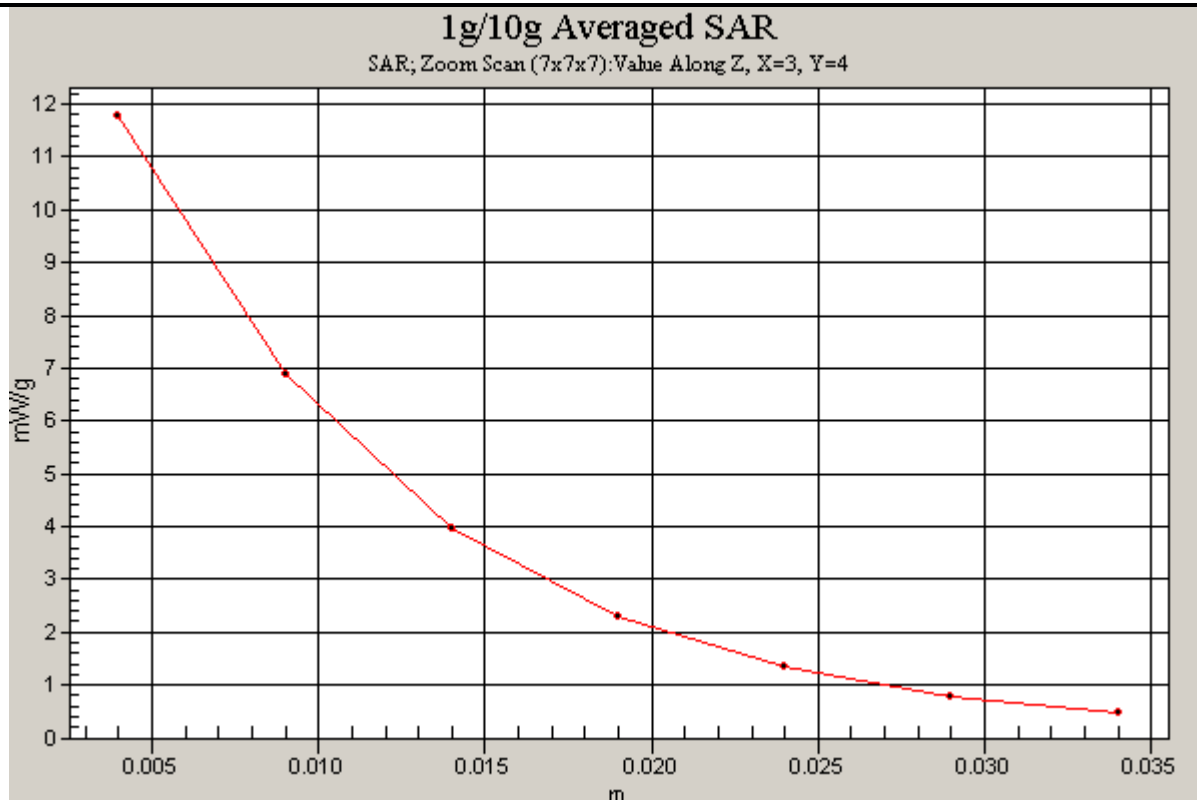
Reference Value = 89.6 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 17.5 W/kg

**SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.45 mW/g**

Maximum value of SAR (measured) = 11.8 mW/g





Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.10 validation19001723\_body\_080718

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.6 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm,

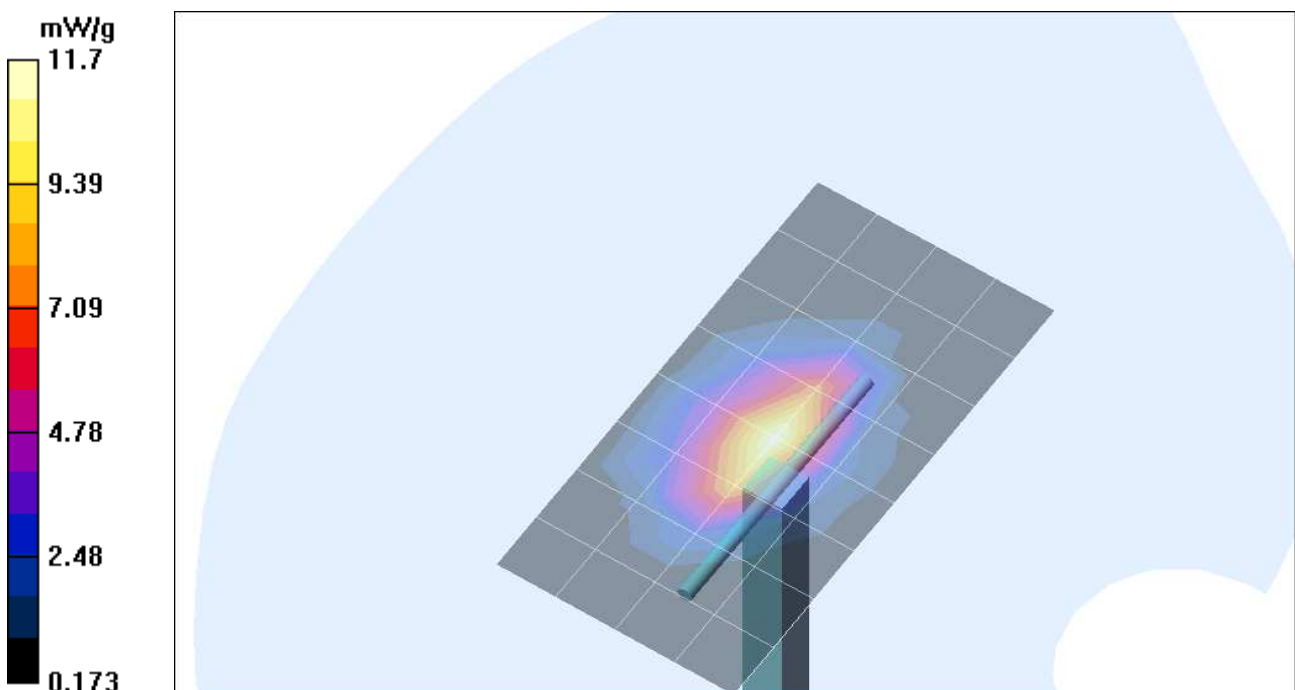
dy=7.5mm, dz=7.5mm

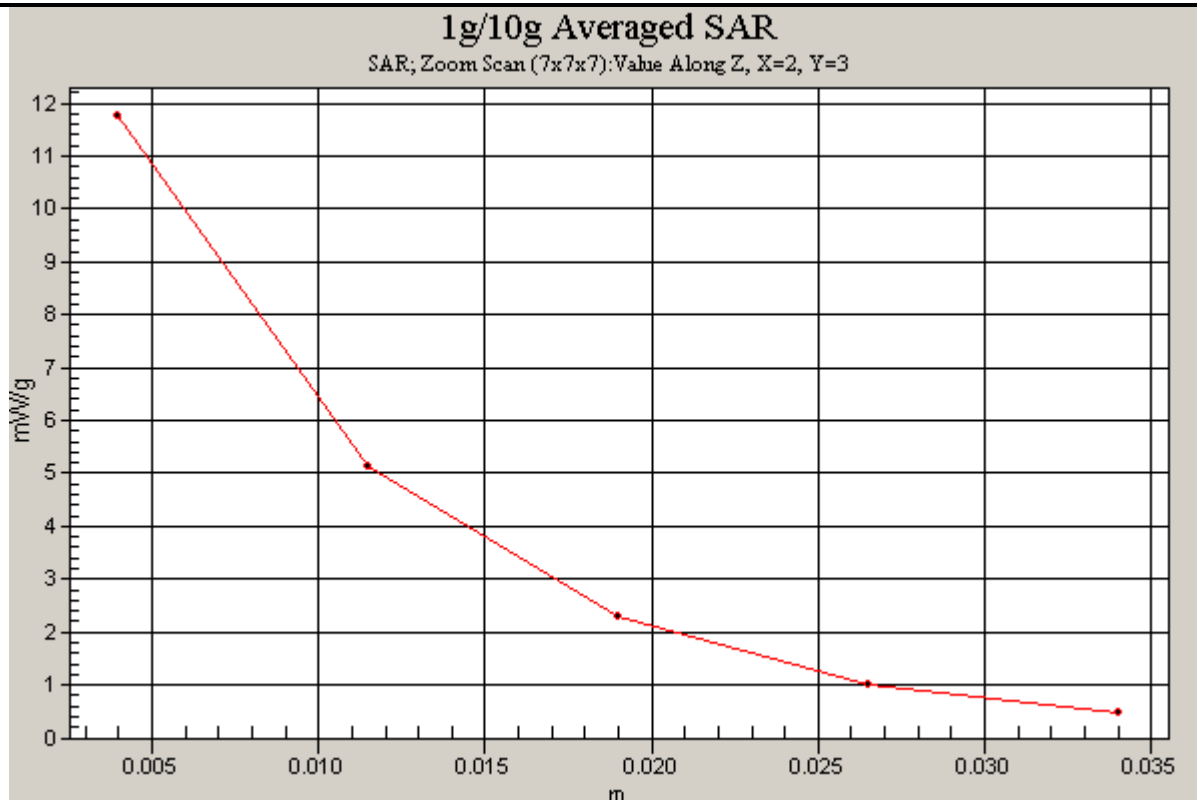
Reference Value = 92.1 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 18.6 W/kg

**SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.5 mW/g**

Maximum value of SAR (measured) = 11.7 mW/g





Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.11 validation19001723\_body\_080722

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.58 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.9 mW/g

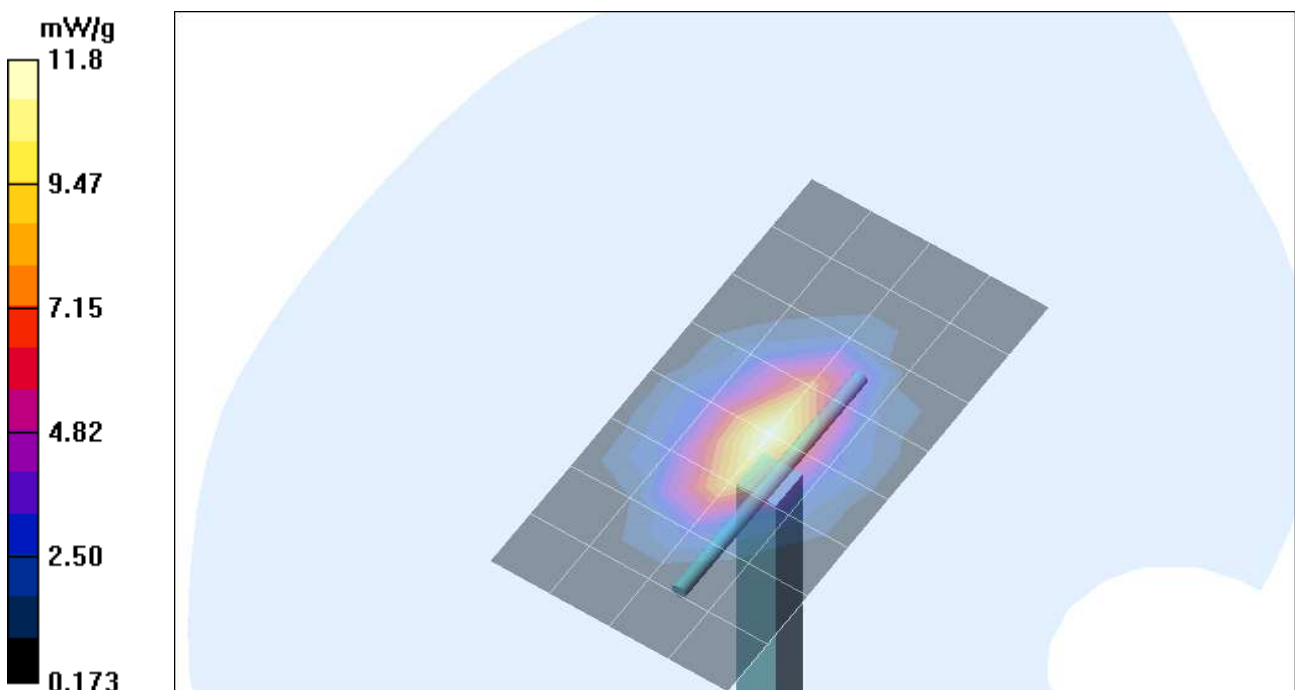
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm

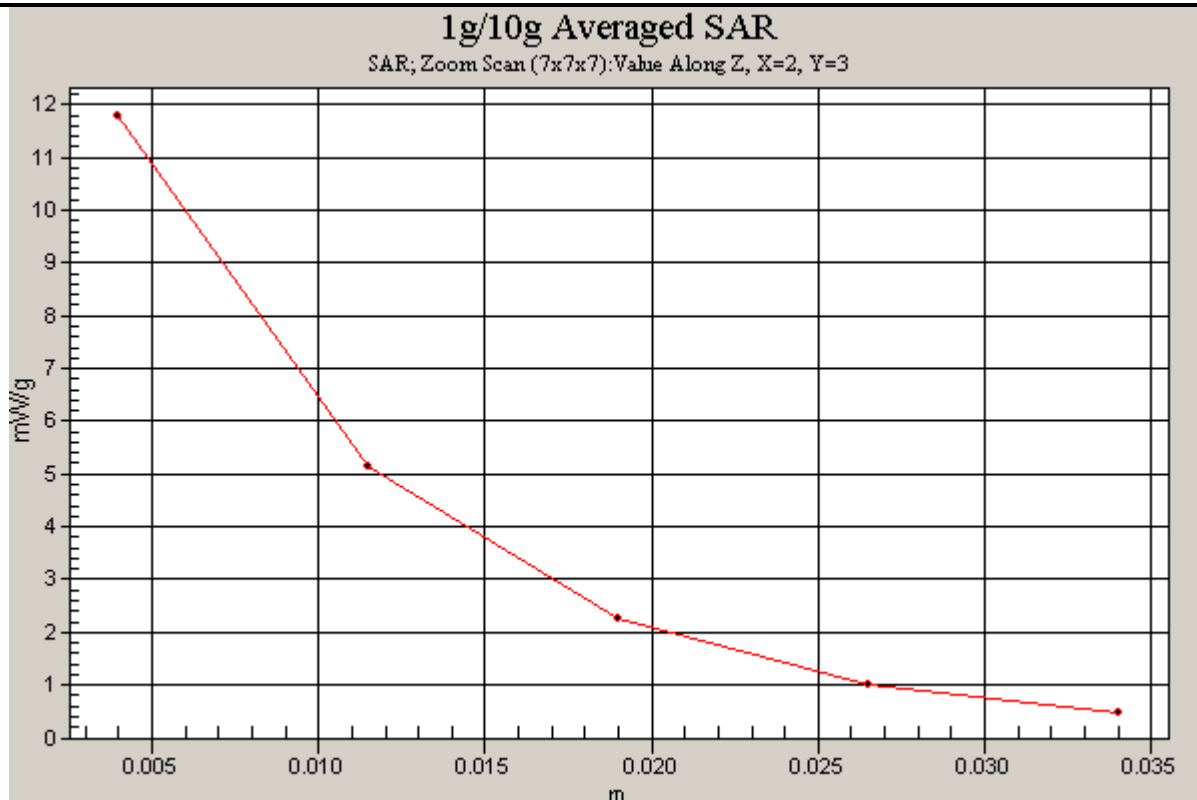
Reference Value = 93.8 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.8 W/kg

**SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.55 mW/g**

Maximum value of SAR (measured) = 11.8 mW/g





Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.12 validation19001723\_body\_080806

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.7 mW/g

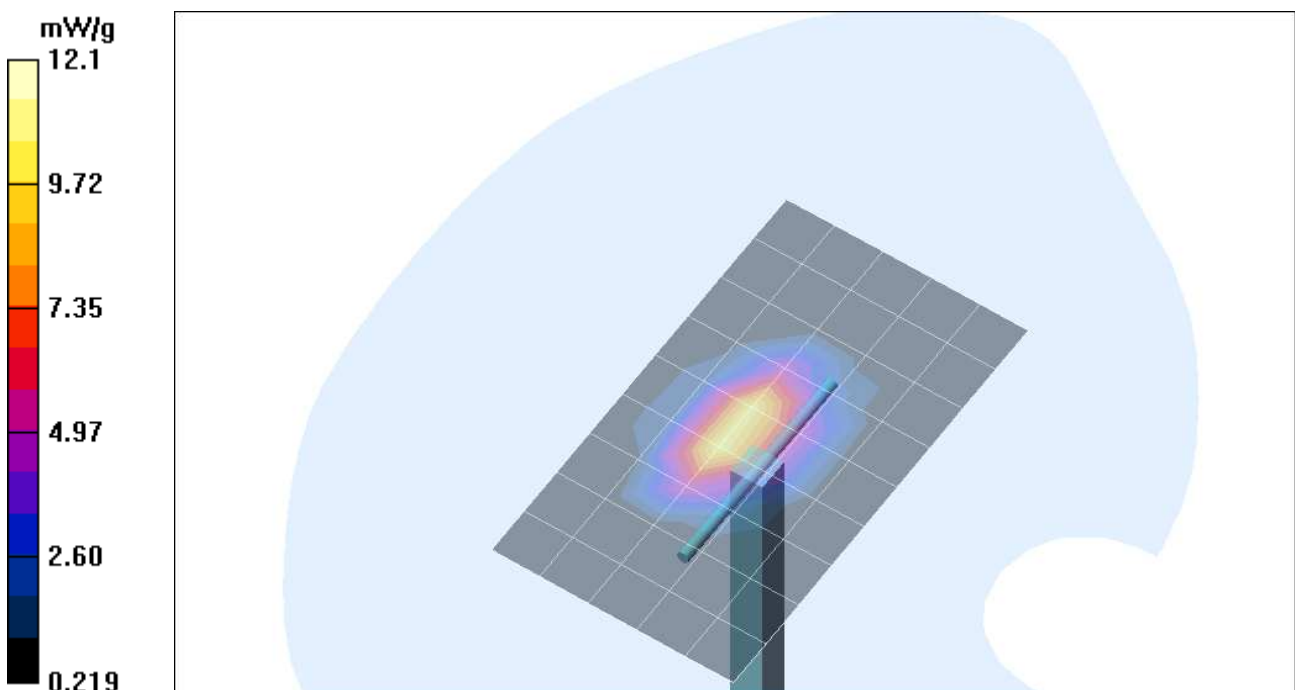
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm

Reference Value = 93.8 V/m; Power Drift = 0.00 dB

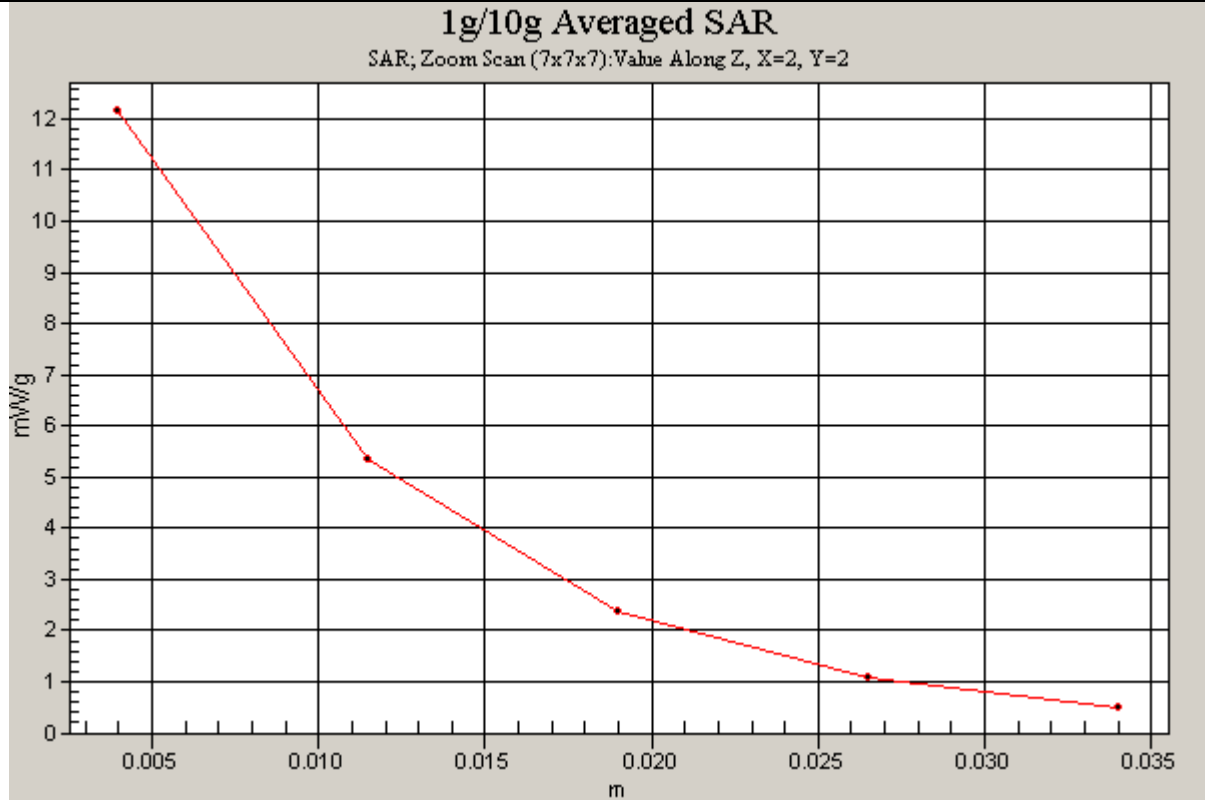
Peak SAR (extrapolated) = 18.8 W/kg

**SAR(1 g) = 10.8 mW/g; SAR(10 g) = 5.67 mW/g**

Maximum value of SAR (measured) = 12.1 mW/g







Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.13 validation19001723\_body\_080812

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.68 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm,

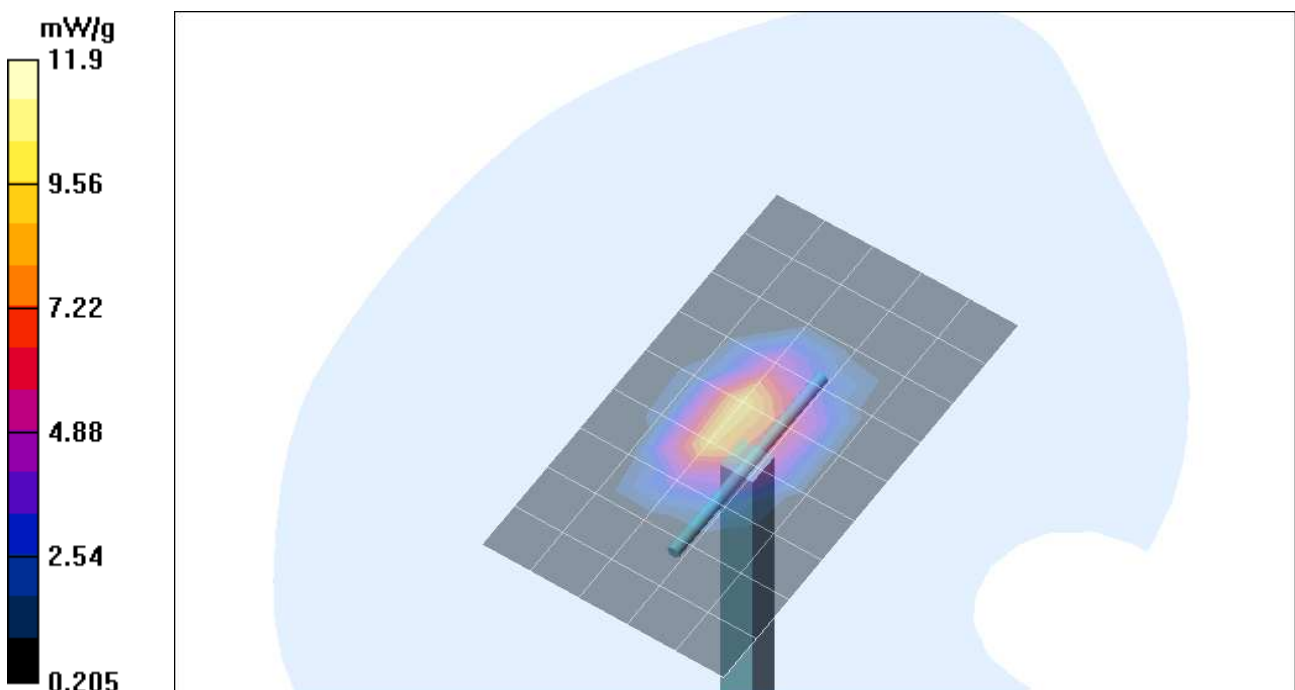
dy=7.5mm, dz=7.5mm

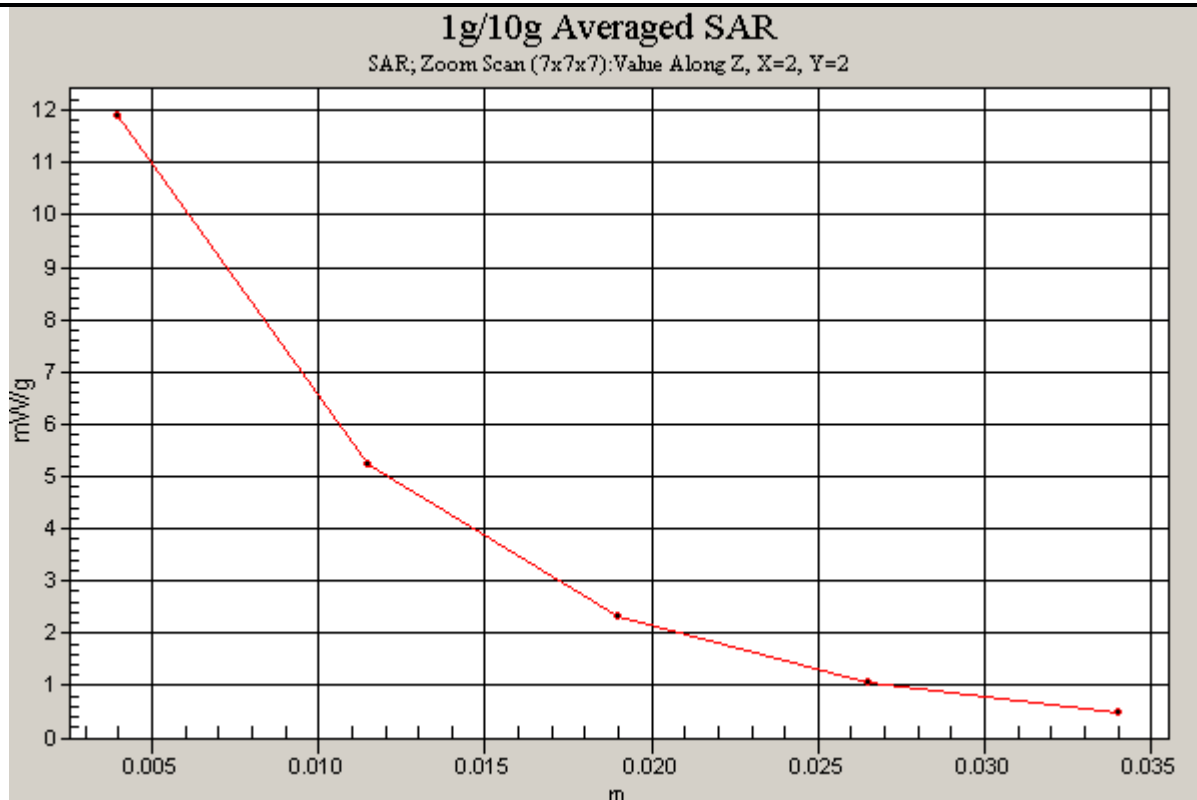
Reference Value = 93.9 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 18.7 W/kg

**SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.55 mW/g**

Maximum value of SAR (measured) = 11.9 mW/g





Test Laboratory: EMC Department Kamp-Lintfort

#### 1.1.14 validation19001723\_body\_080813

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.5 mW/g

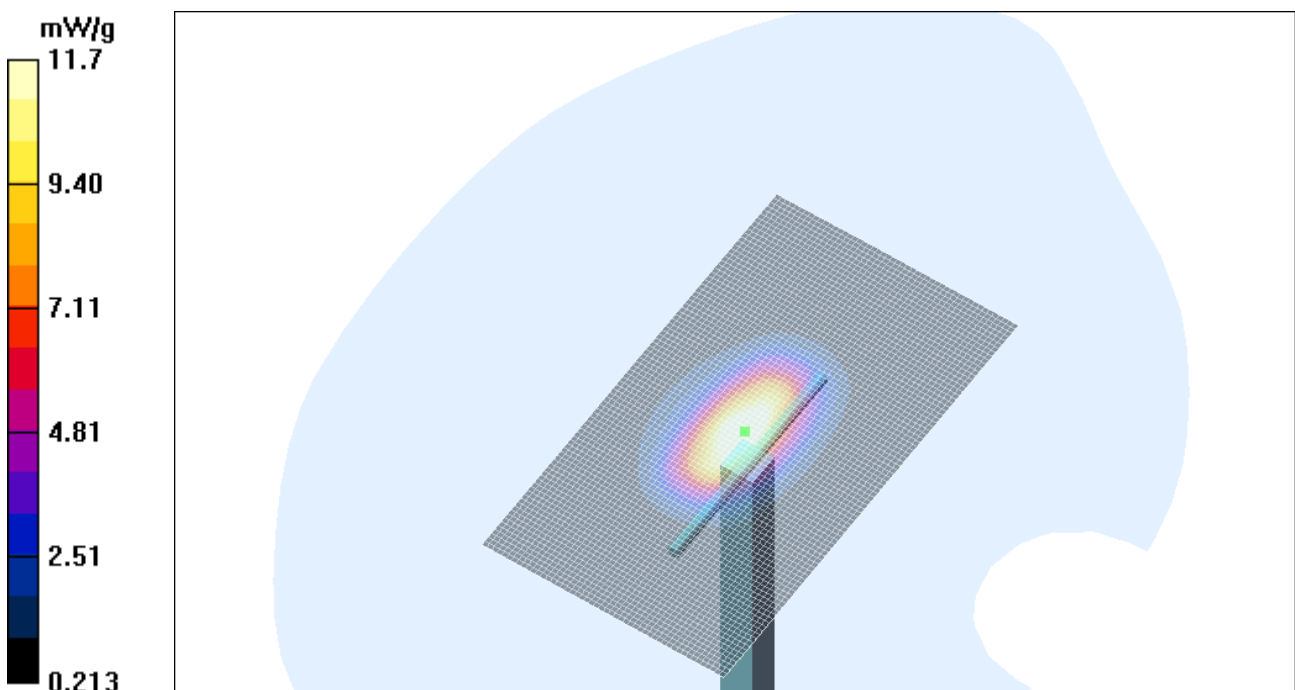
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=7.5mm

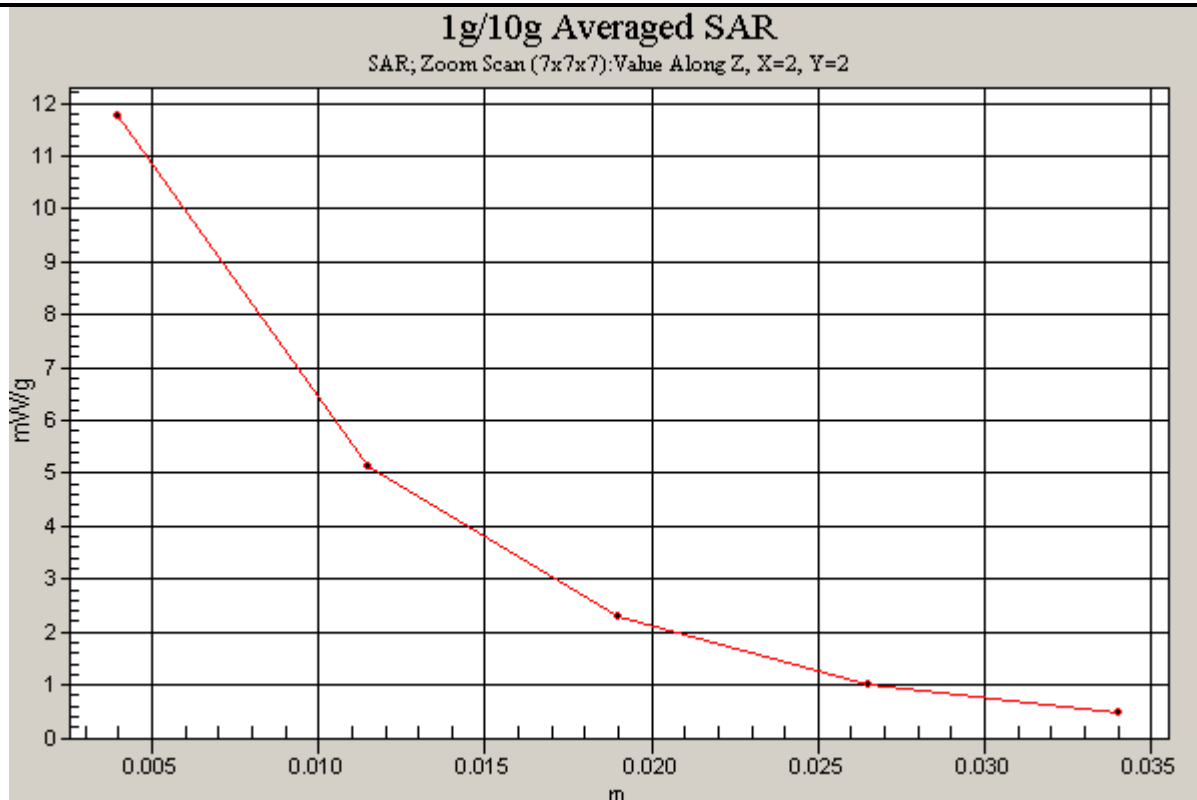
Reference Value = 93.4 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.52 mW/g**

Maximum value of SAR (measured) = 11.7 mW/g





Test Laboratory: EMC Department Kamp-Lintfort

### 1.1.15 validation19001723\_body\_080814

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d021**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1723; ConvF(4.72, 4.72, 4.72); Calibrated: 11/20/2007
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn523; Calibrated: 11/21/2007
- Phantom: SAM-LEFT; Type: Twin; Serial: 1237
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**d=10mm, Pin=250mW/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.2 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (5x5x5)/Cube 0:** Measurement grid: dx=7.5mm,

dy=7.5mm, dz=7.5mm

Reference Value = 92.1 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.44 mW/g**

Maximum value of SAR (measured) = 11.8 mW/g

