

## Attachment 1. – Dipole Validation Plots

## DIGITAL EMC CO., LTD

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.884 \text{ mho/m}$ ;  $\epsilon_r = 42.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

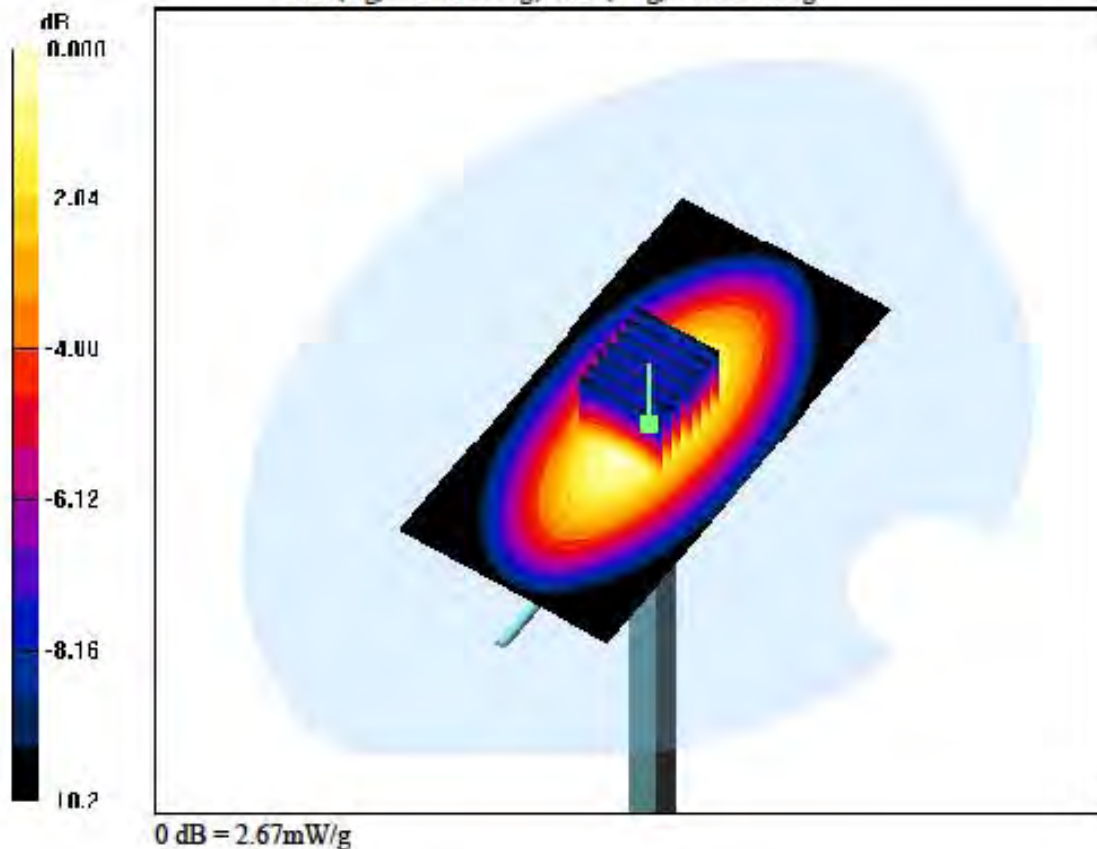
### DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

### Dipole Validation

**Area Scan (51x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Power Drift = -0.001 dB  
Peak SAR (extrapolated) = 3.73 W/kg  
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.63 W/kg



## DIGITAL EMC CO., LTD

**DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:464**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.946 \text{ mho/m}$ ;  $\epsilon_r = 54.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

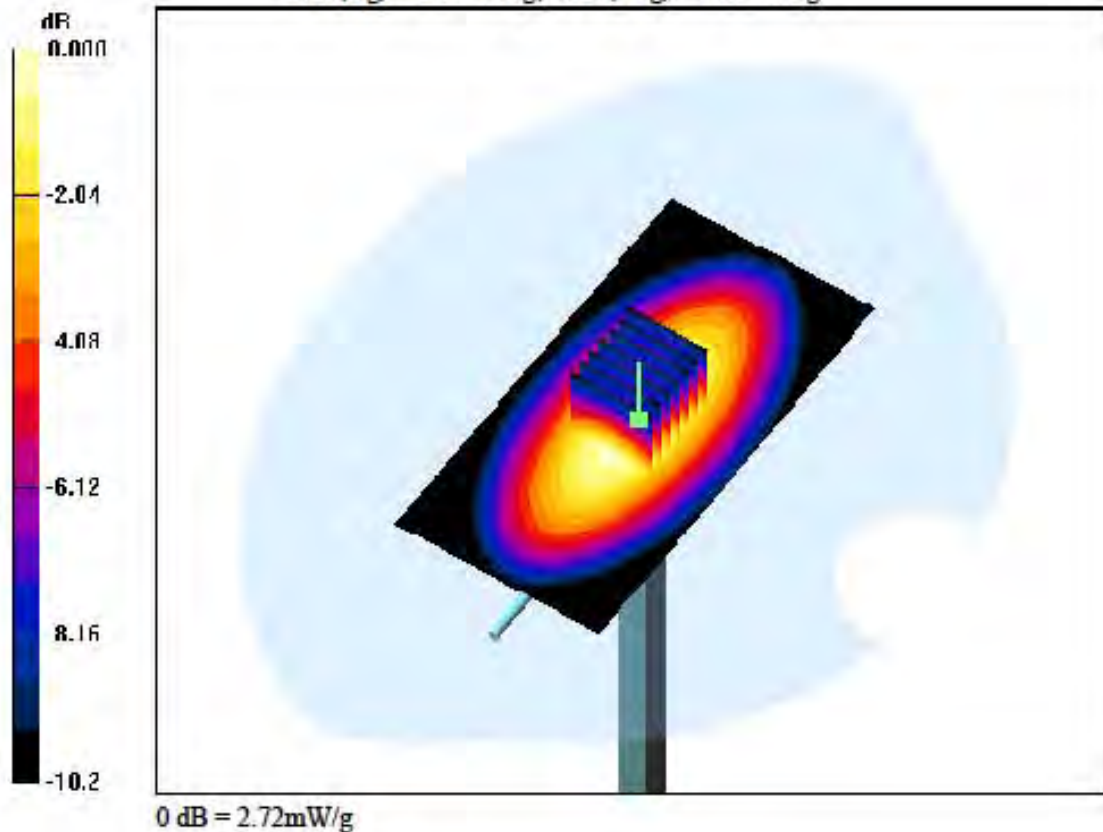
### DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

### Dipole Validation

**Area Scan (51x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = -0.002 dB  
 Peak SAR (extrapolated) = 3.78 W/kg  
 SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.65 W/kg



## DIGITAL EMC CO., LTD

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

### Dipole Validation

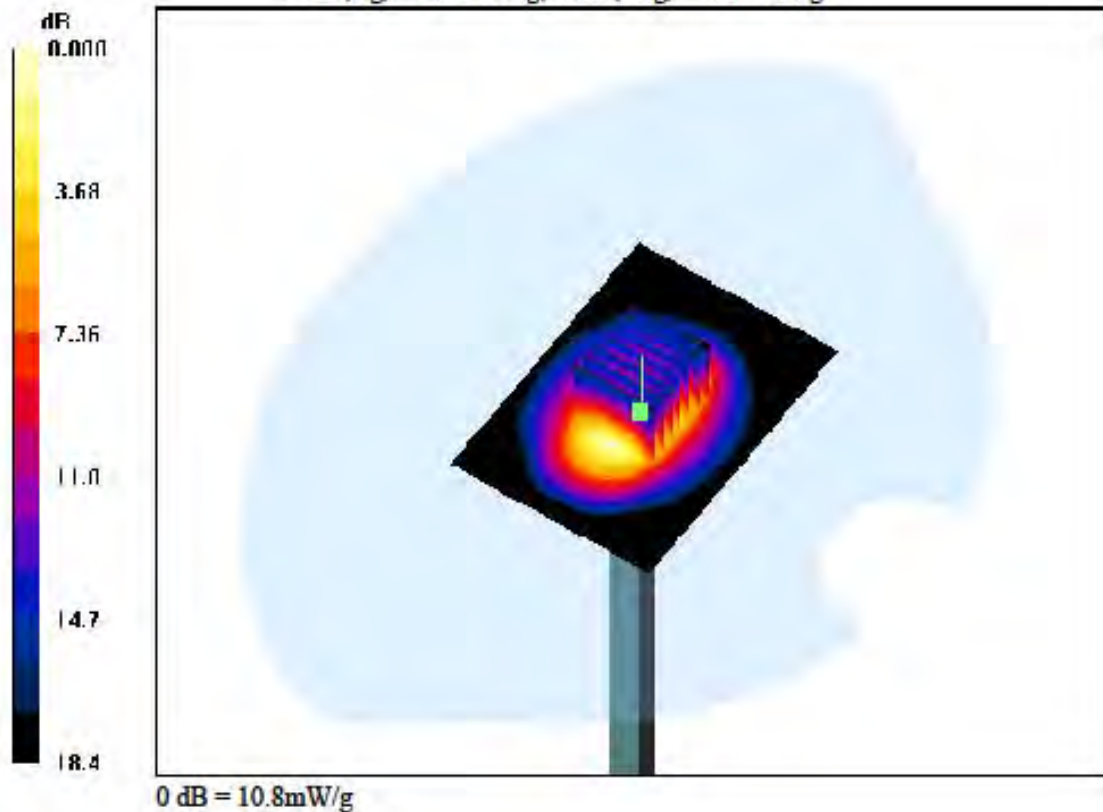
**Area Scan (51x71x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.054 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 9.59 W/kg; SAR(10 g) = 4.87 W/kg



## DIGITAL EMC CO., LTD

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d029**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

### Dipole Validation

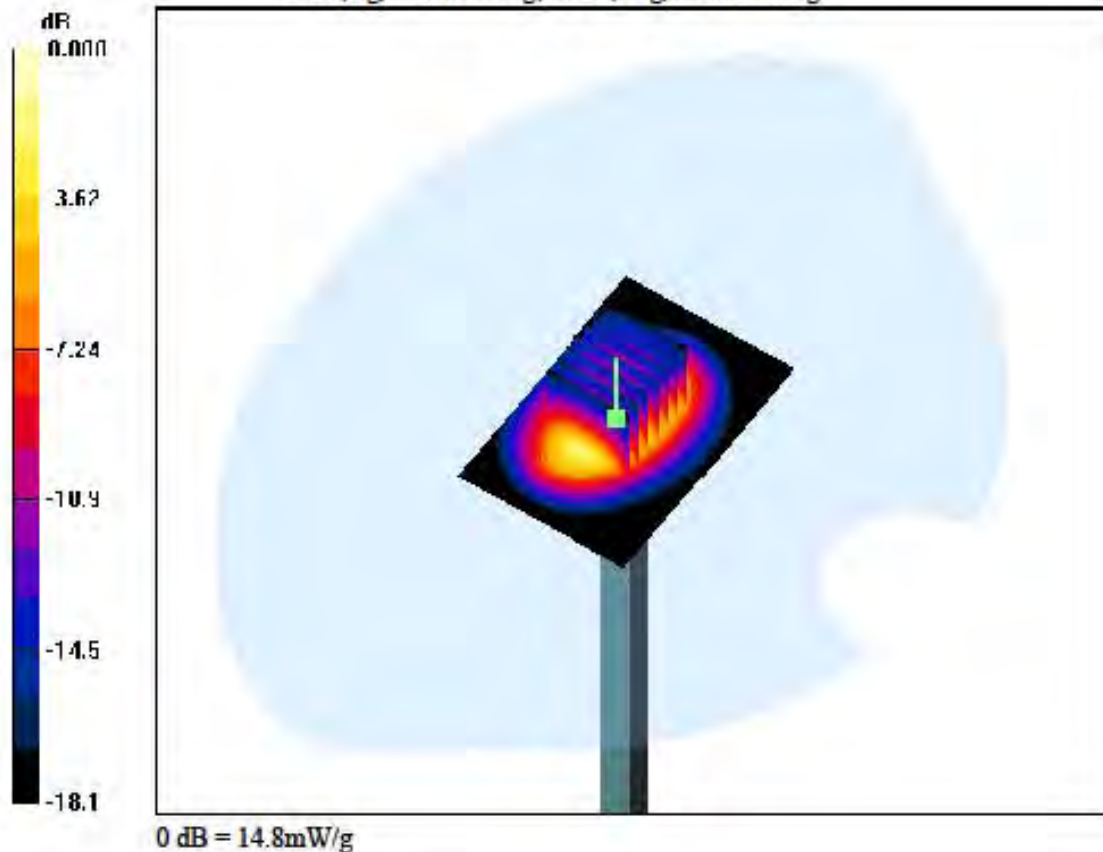
**Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.056 dB

Peak SAR (extrapolated) = 20.5 W/kg

SAR(1 g) = 10.7 W/kg; SAR(10 g) = 5.41 W/kg



## DIGITAL EMC CO., LTD

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

### Dipole Validation

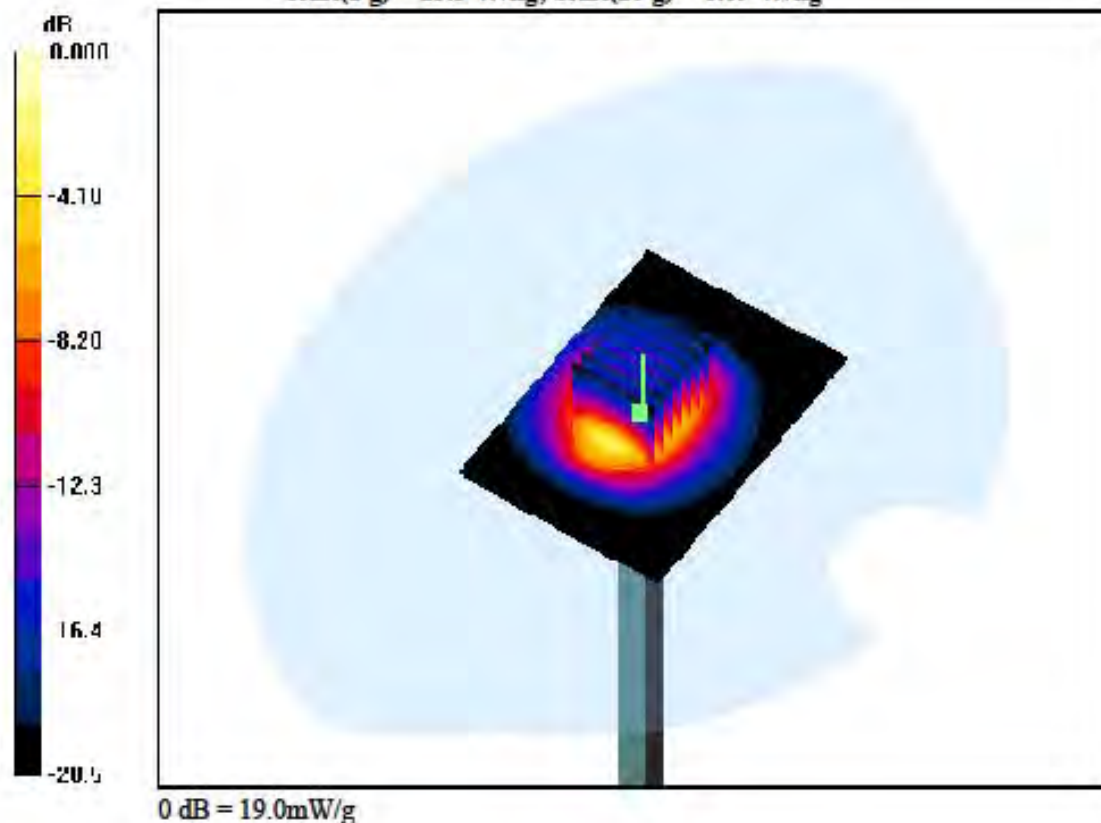
**Area Scan (51x71x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.040 dB

Peak SAR (extrapolated) = 28.8 W/kg

SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.09 W/kg



## DIGITAL EMC CO., LTD

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:726**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

### DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

### Dipole Validation

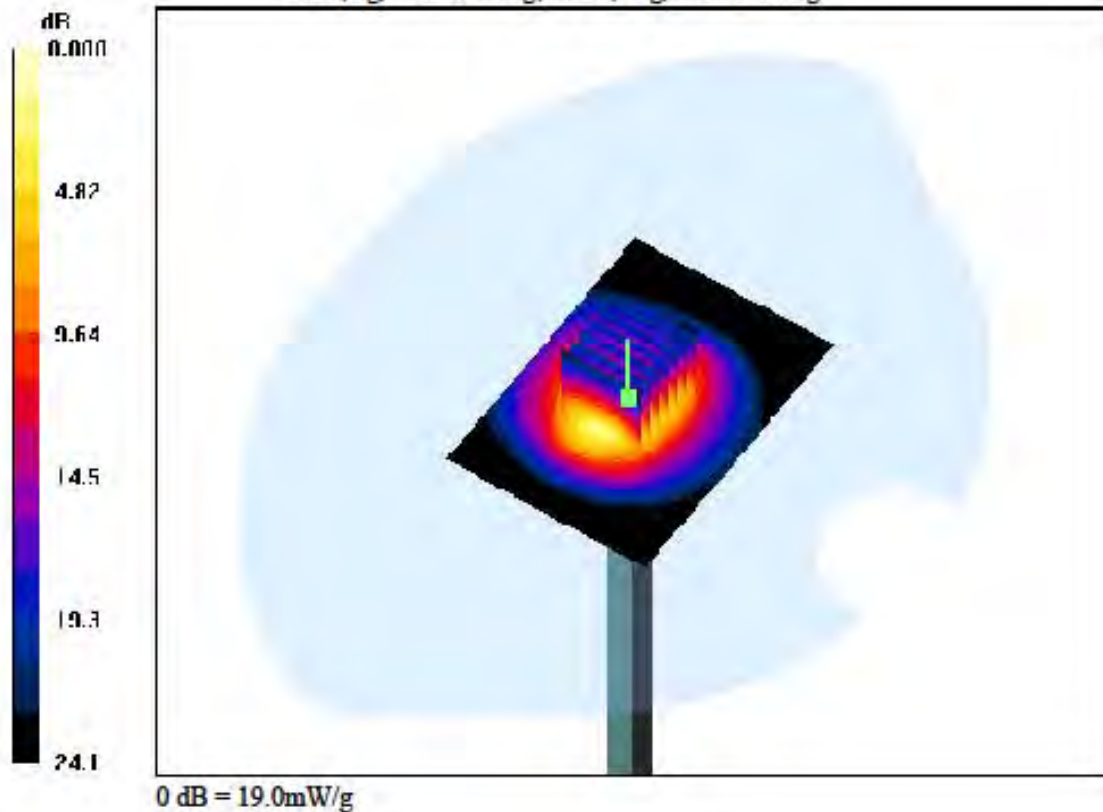
**Area Scan (51x71x1):** Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.004 dB

Peak SAR (extrapolated) = 29.3 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.87 W/kg



## Attachment 2. – SAR Test Plots



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

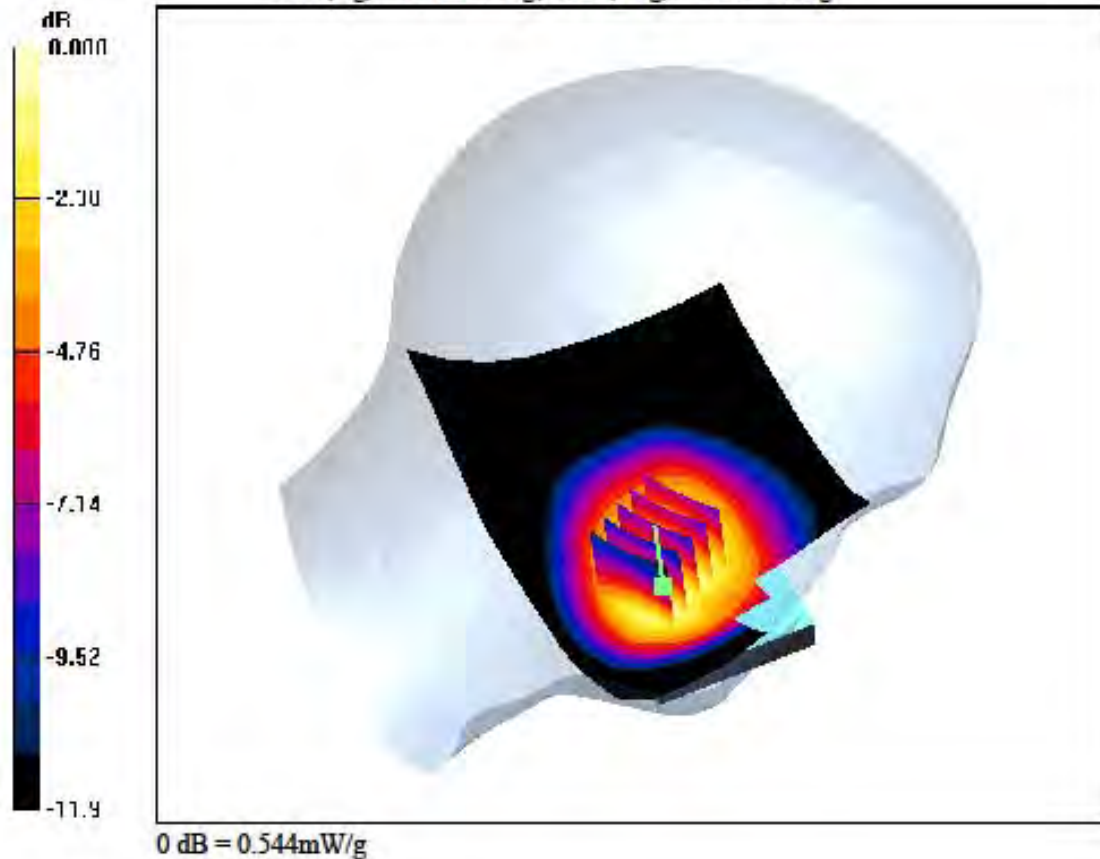
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery****Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.336 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 824.333$  MHz;  $\sigma = 0.874$  mho/m;  $\epsilon_r = 42.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

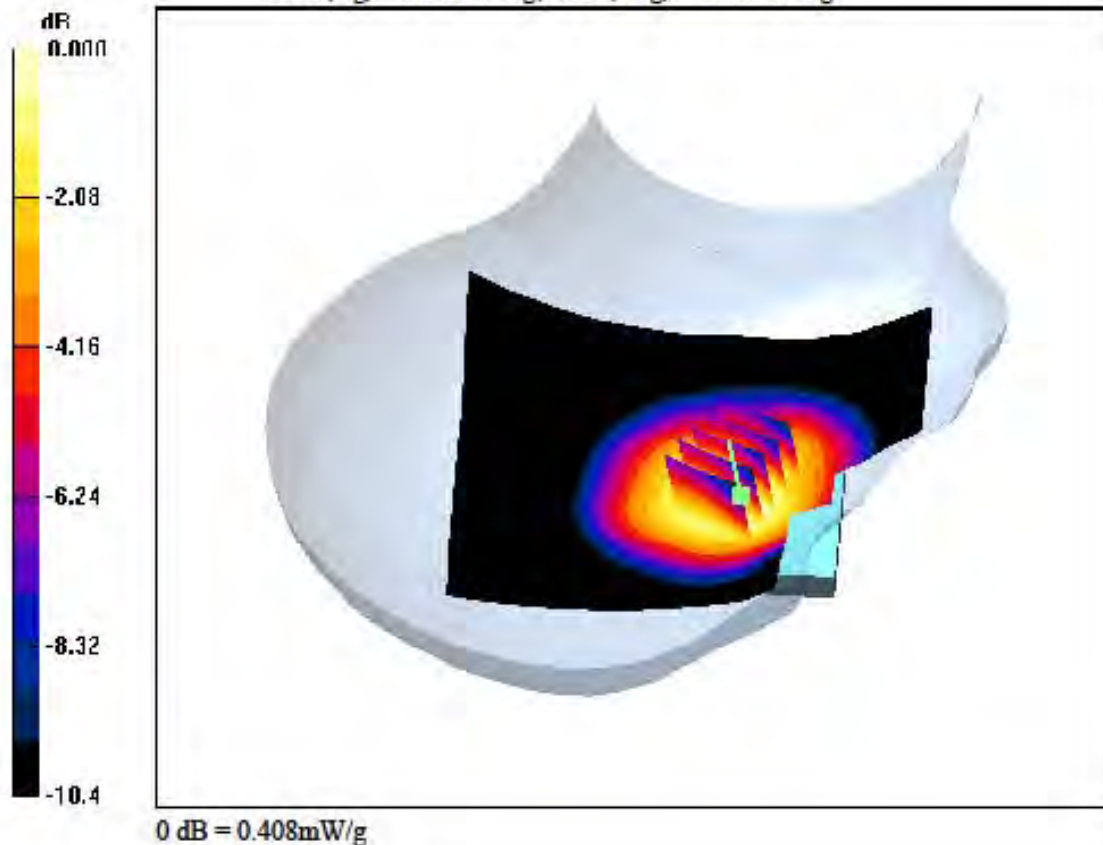
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Right Touch, GSM850 Ch. 128, Ant Internal, Standard Battery****Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.269 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

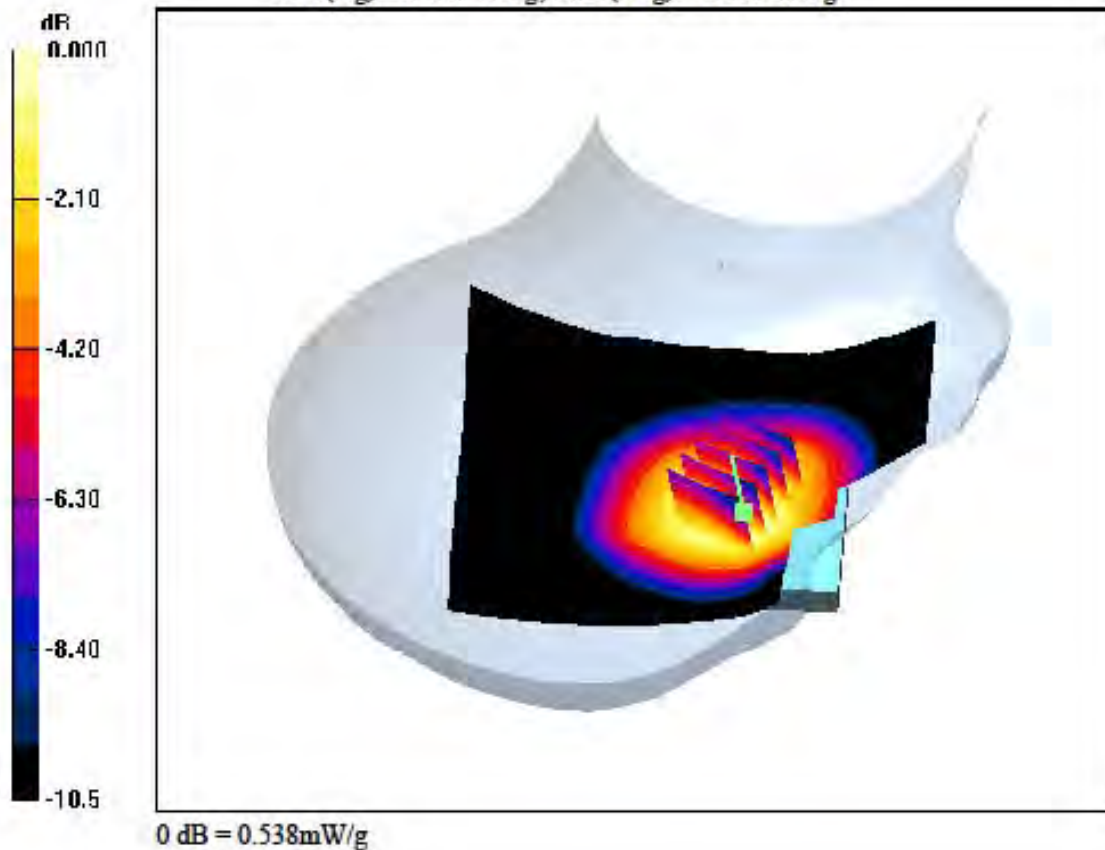
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = -0.024 dB  
 Peak SAR (extrapolated) = 0.600 W/kg  
 SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.353 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.897$  mho/m;  $\epsilon_r = 41.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

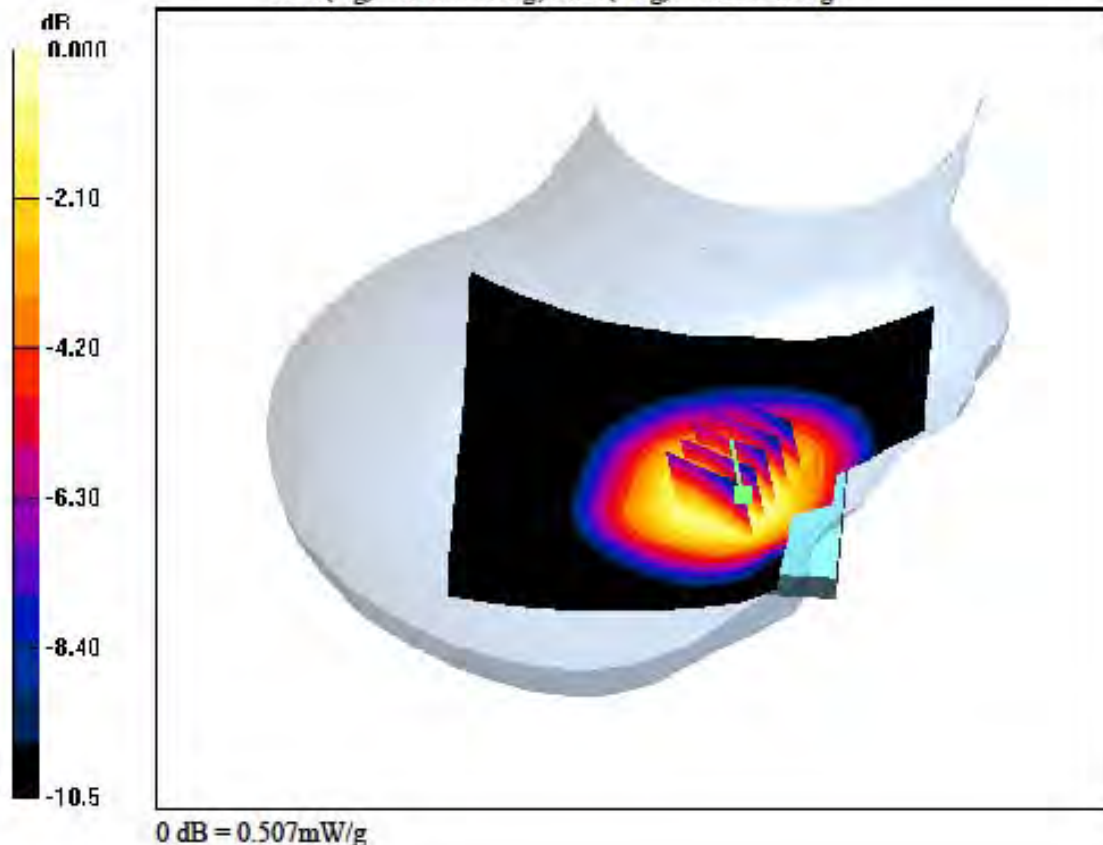
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Right Touch, GSM850 Ch. 251, Ant Internal, Standard Battery****Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.338 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

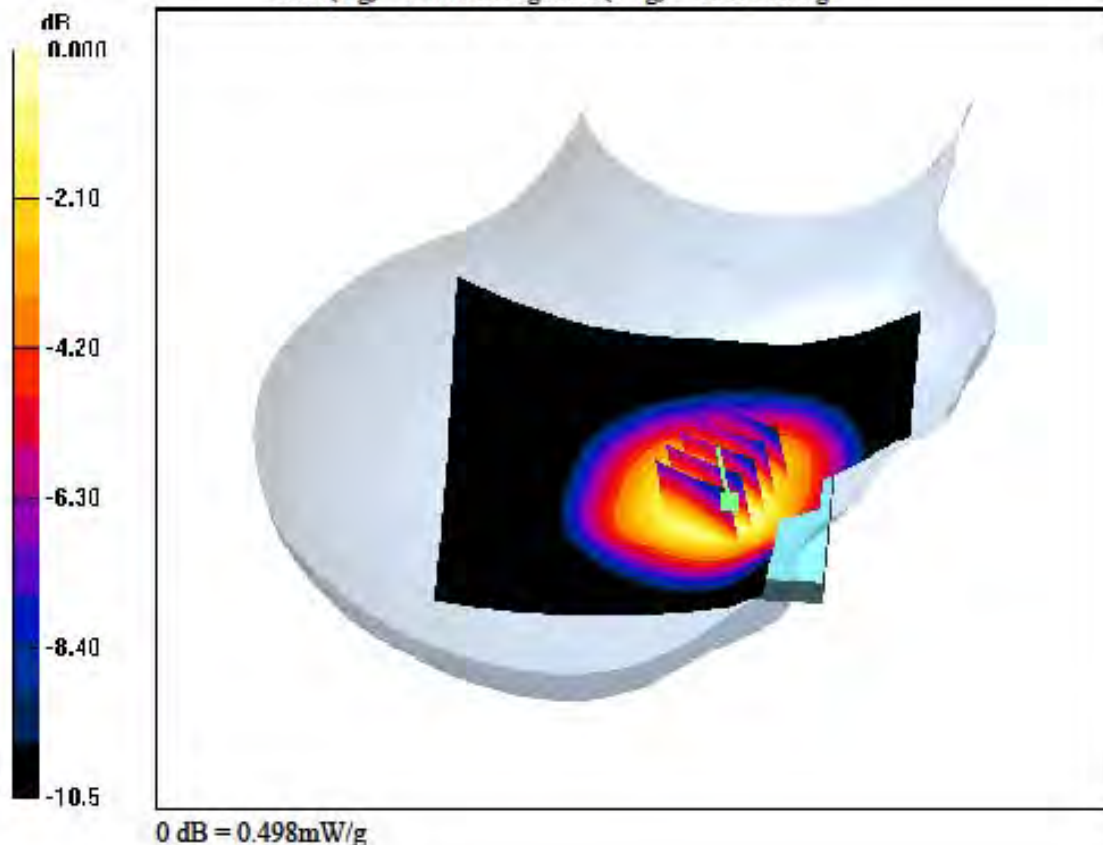
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Right Touch, Sim2, GSM850 Ch. 190, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.157 dB  
Peak SAR (extrapolated) = 0.558 W/kg  
SAR(1 g) = 0.441 W/kg SAR(10 g) = 0.326 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

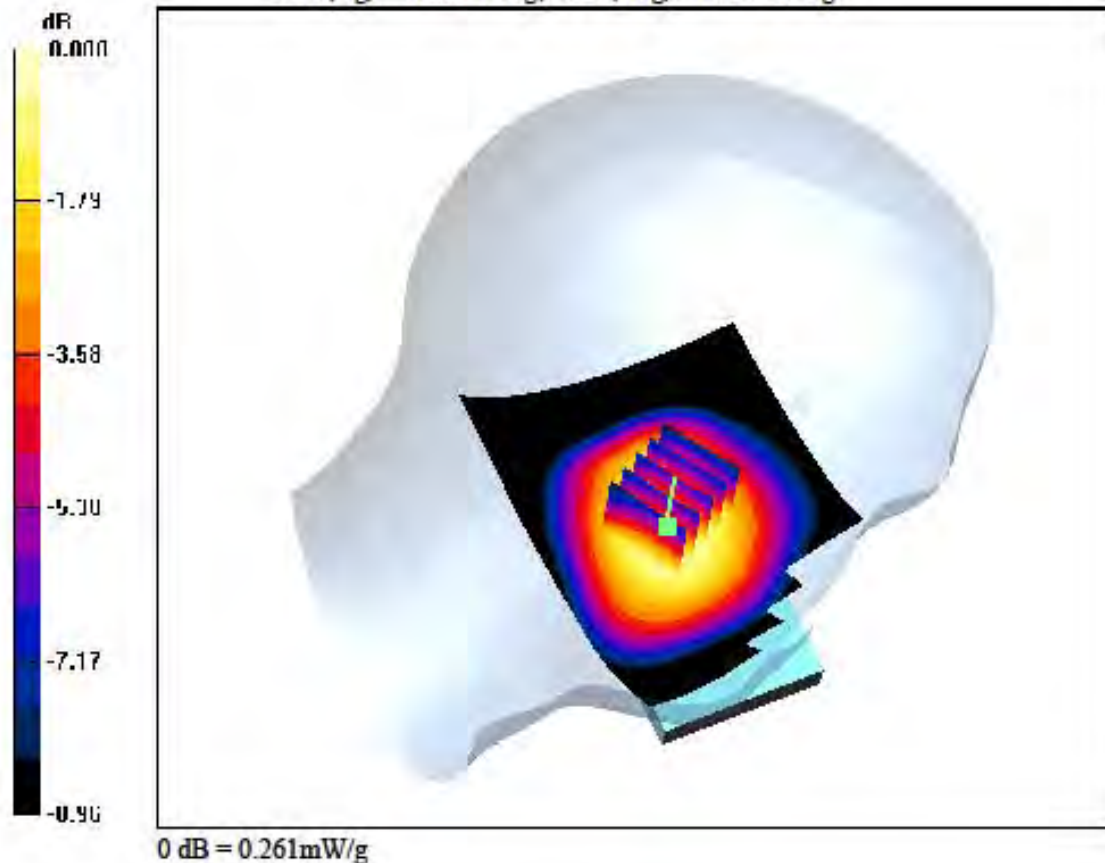
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery****Area Scan (71x101x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.169 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

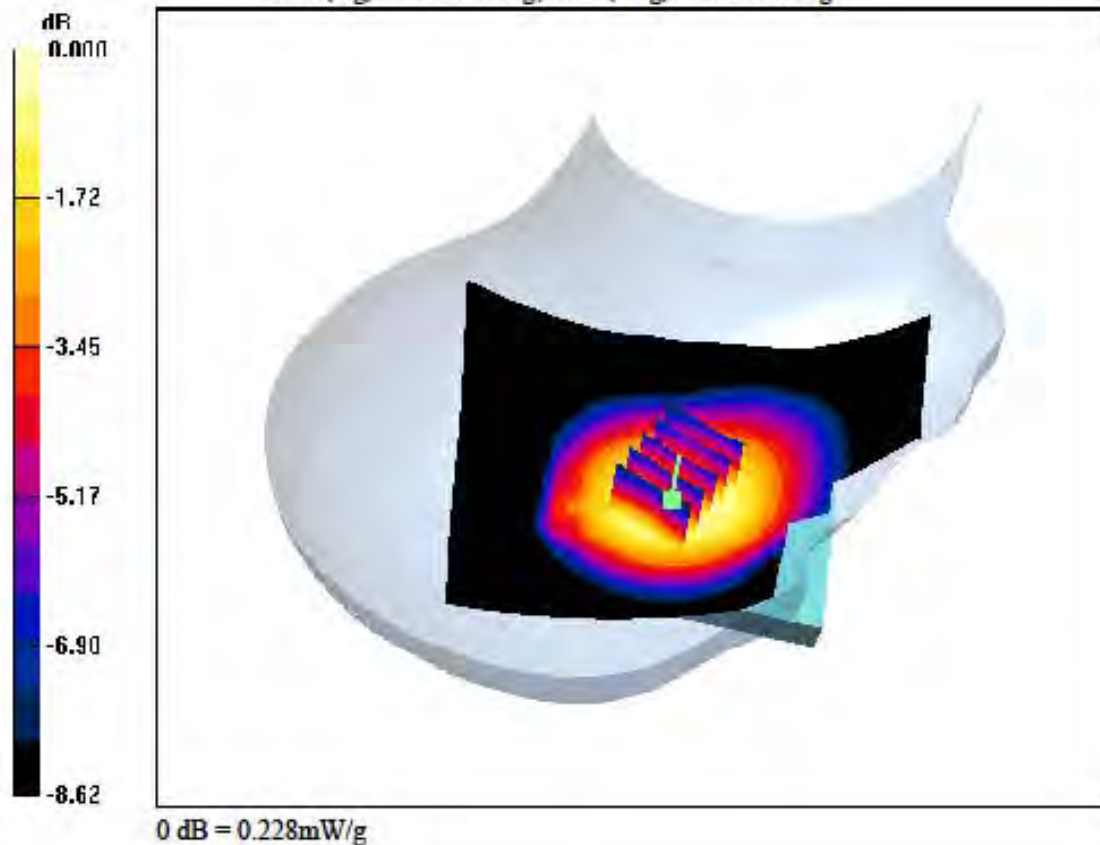
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery****Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.153 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $f = 1850.33$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

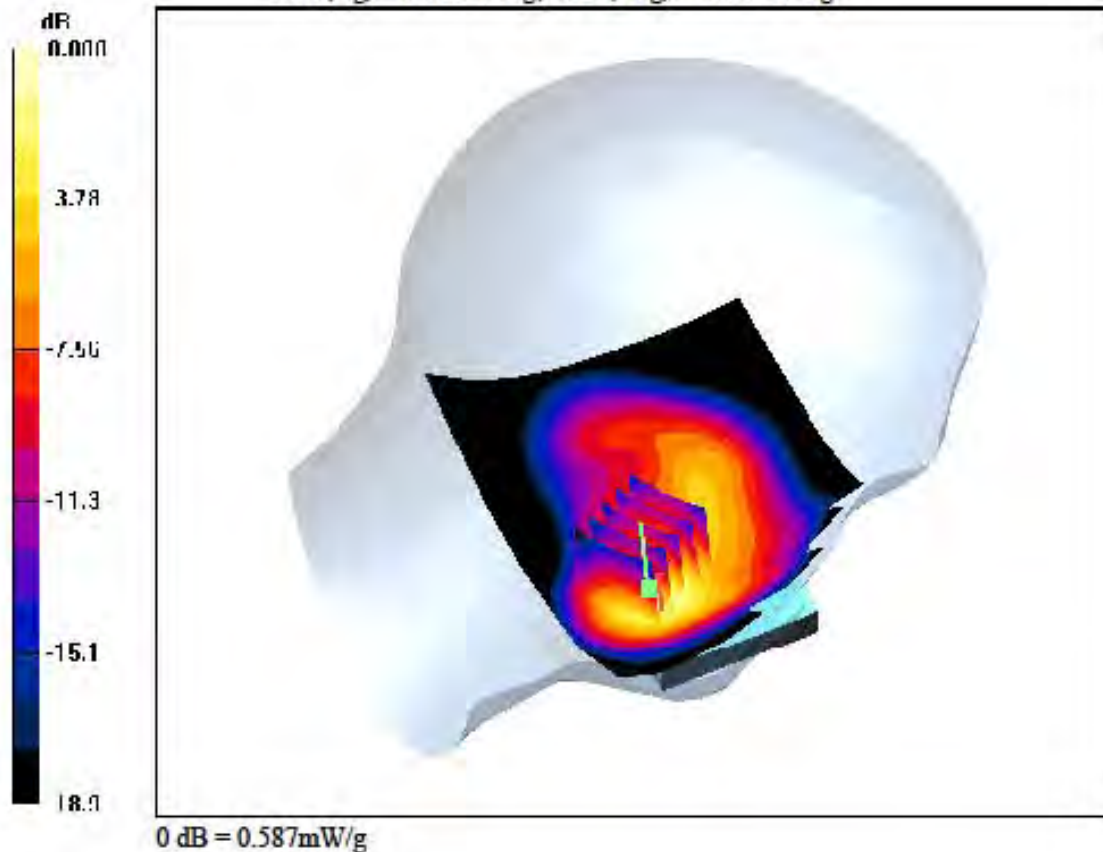
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Left Touch, PCS1900 Ch. 512, Ant Internal, Standard Battery**

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = 0.129 dB  
 Peak SAR (extrapolated) = 0.727 W/kg  
 SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.269 W/kg





**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section

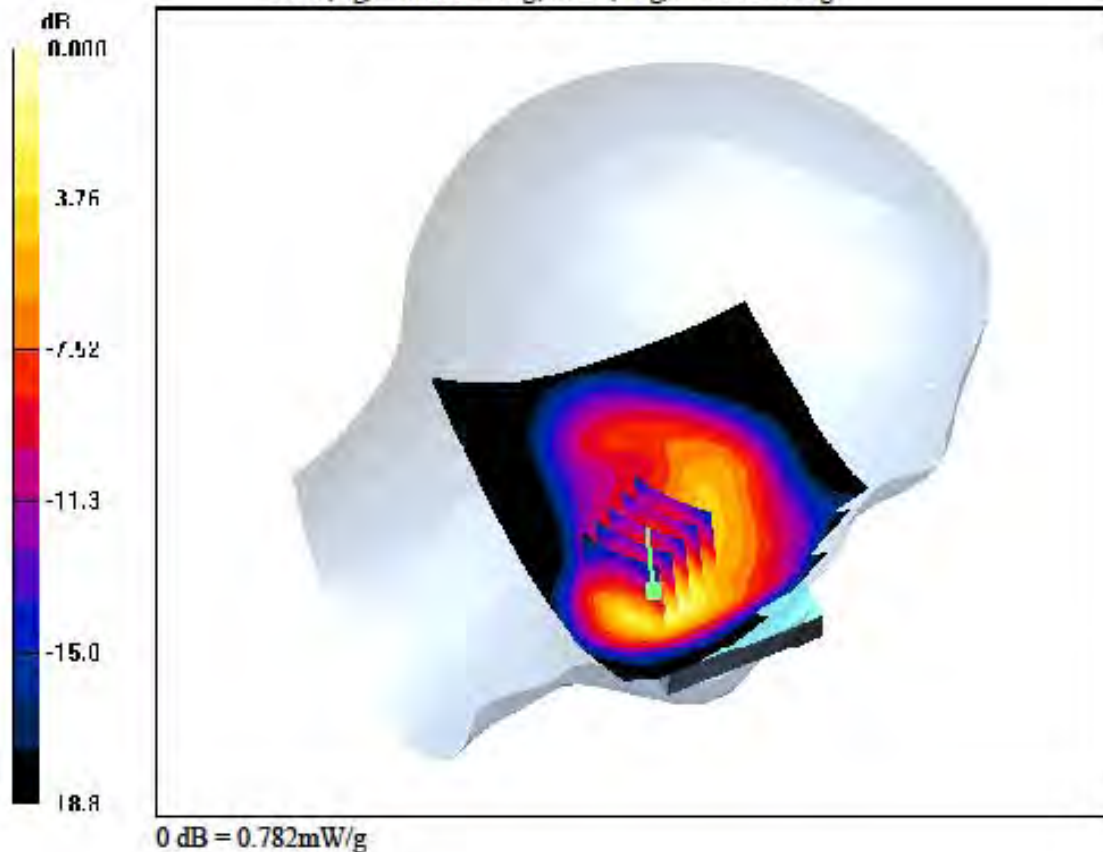
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = 0.064 dB  
 Peak SAR (extrapolated) = 0.974 W/kg  
 SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.352 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

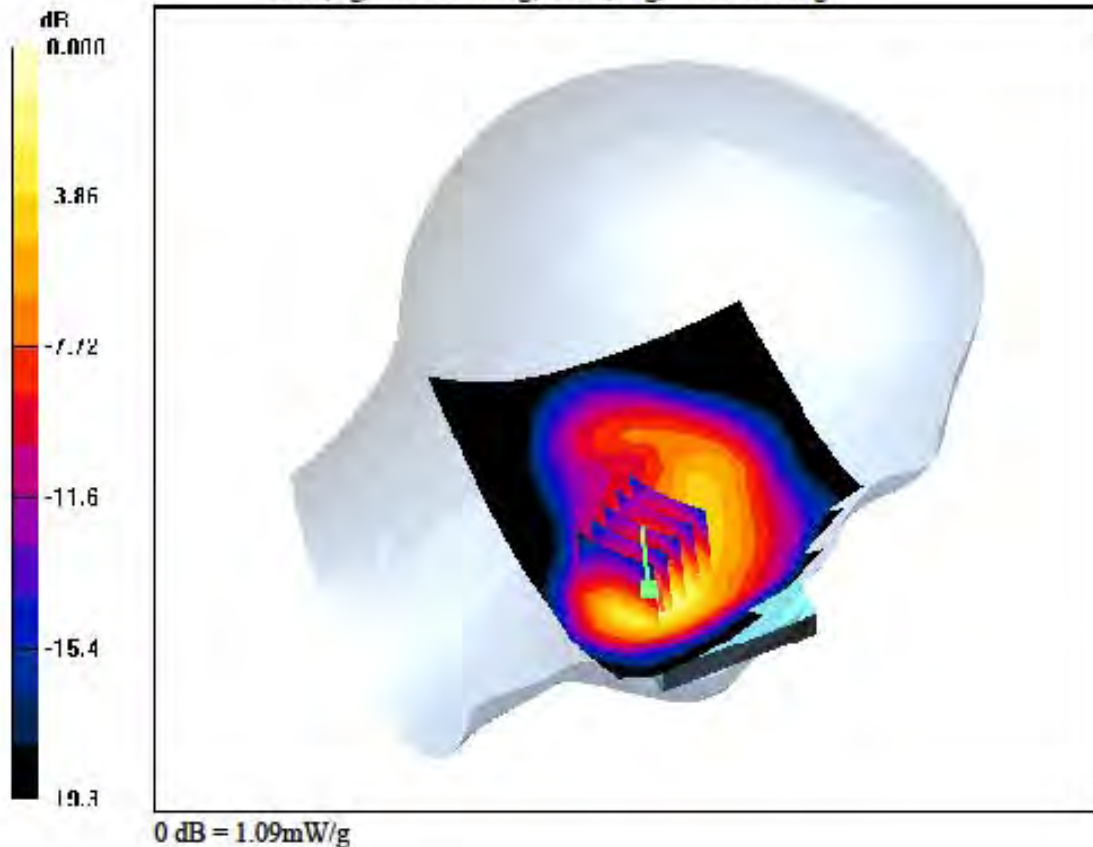
Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery****Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.483 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

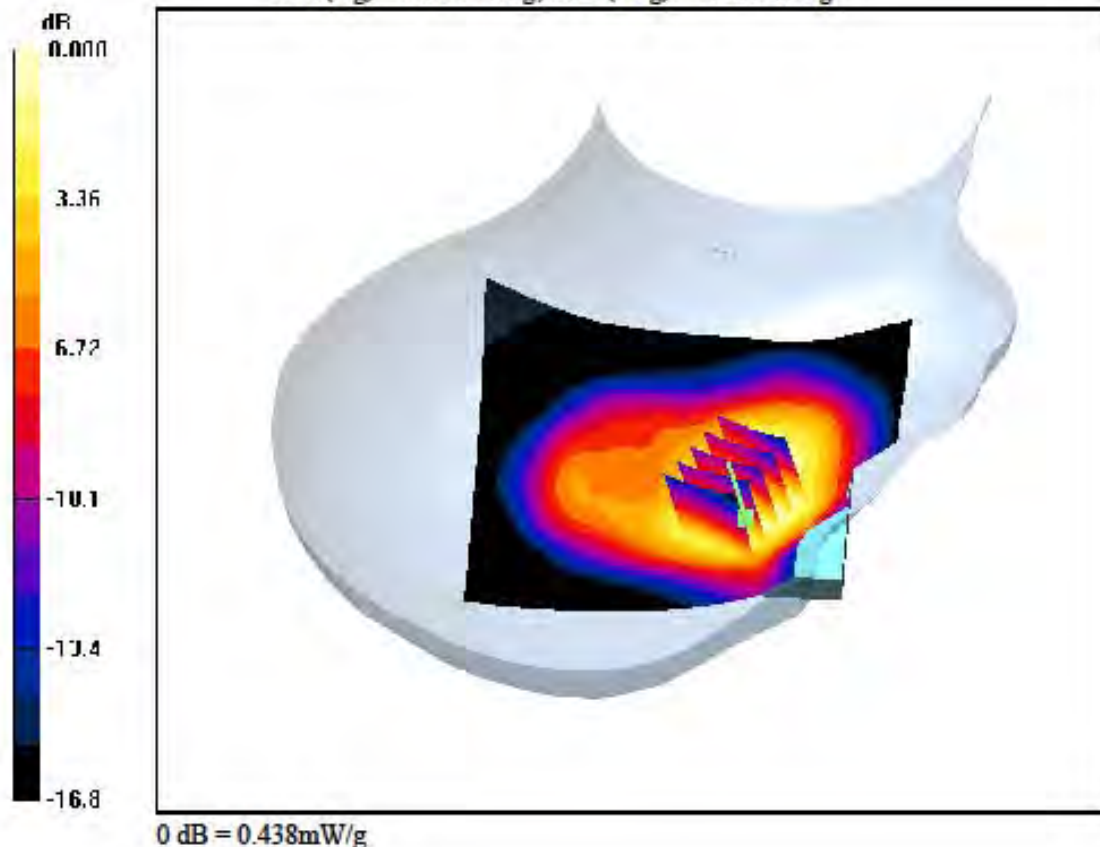
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.178 dB  
Peak SAR (extrapolated) = 0.544 W/kg  
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.225 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

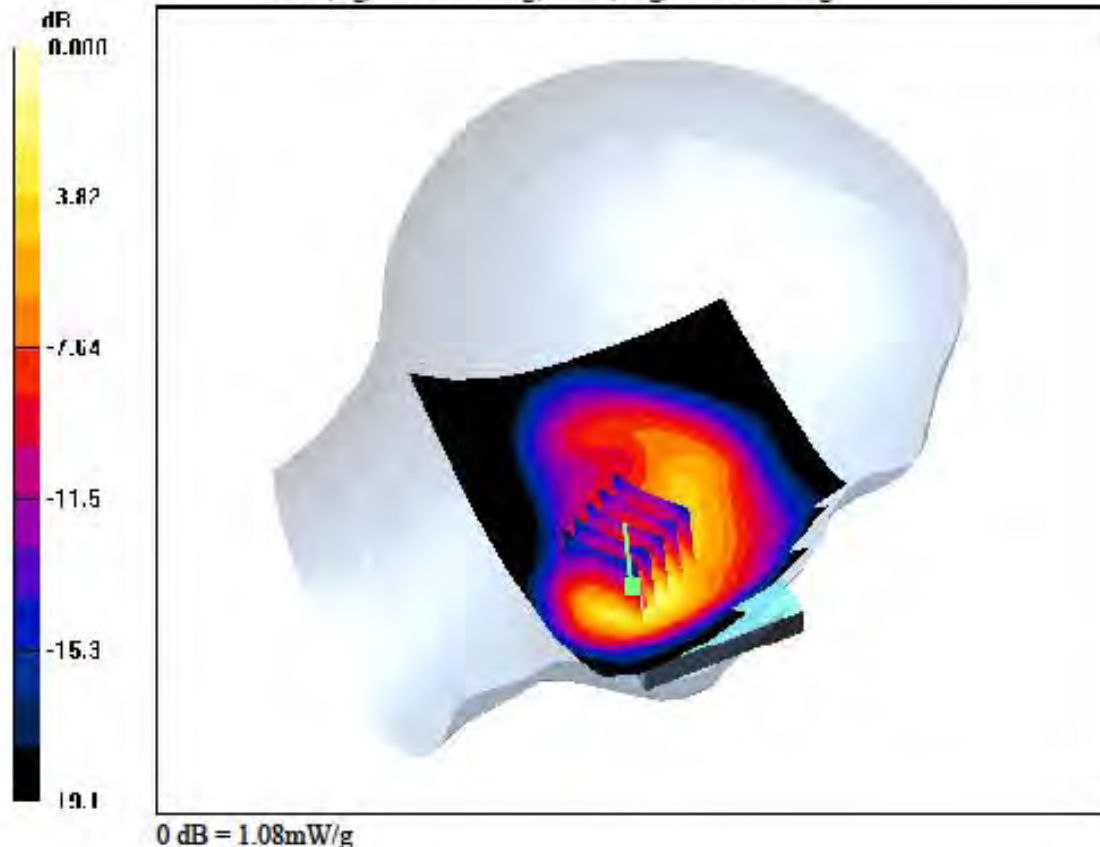
Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Left Touch, Sim2, PCS1900 Ch. 810, Ant Internal, Standard Battery****Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.063 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.482 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Left Section

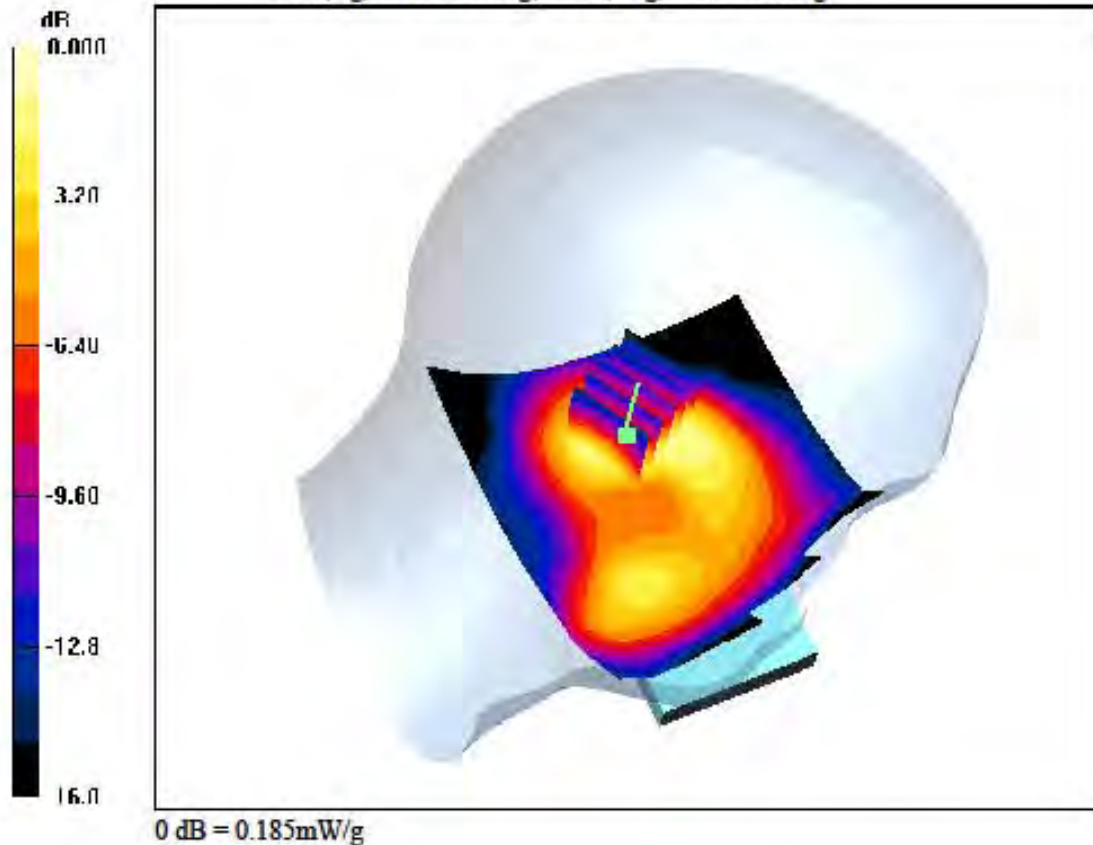
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Left Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery**

**Area Scan (81x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = 0.049 dB  
 Peak SAR (extrapolated) = 0.240 W/kg  
 SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.085 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

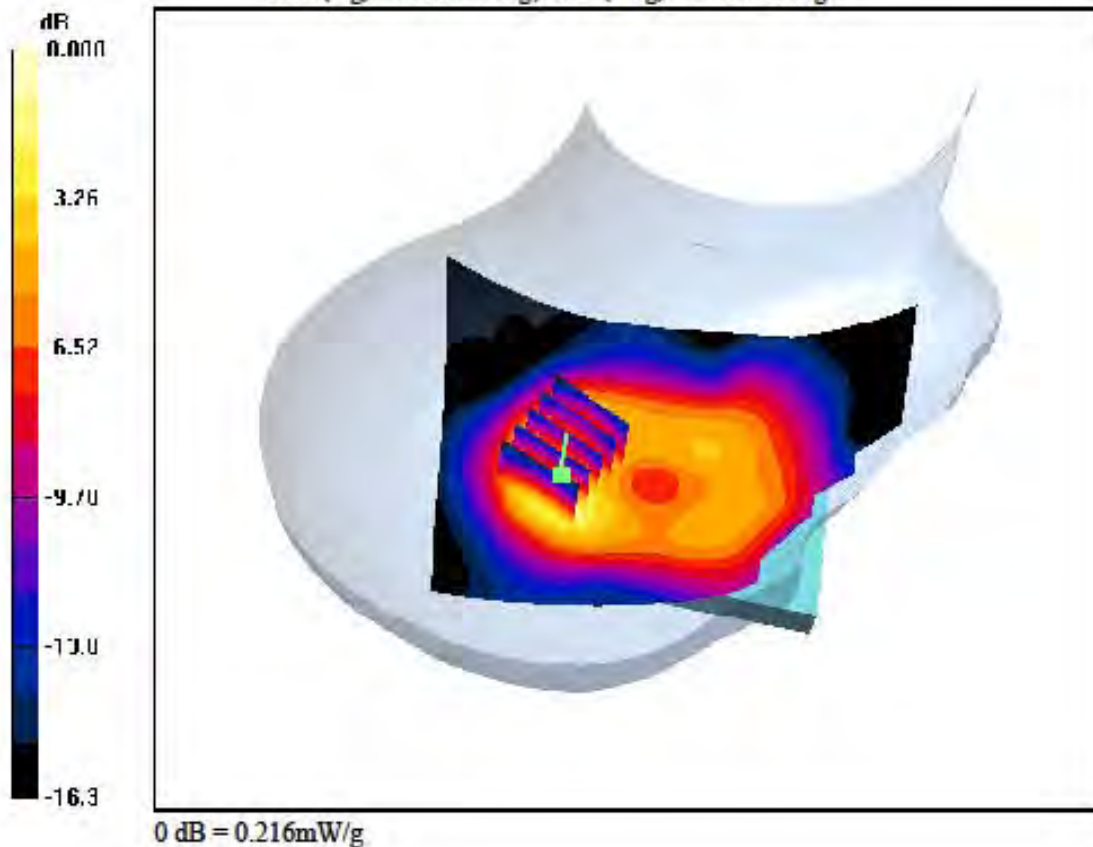
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Right Tilt, PCS1900 Ch. 66L, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.001 dB  
Peak SAR (extrapolated) = 0.276 W/kg  
SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.097 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

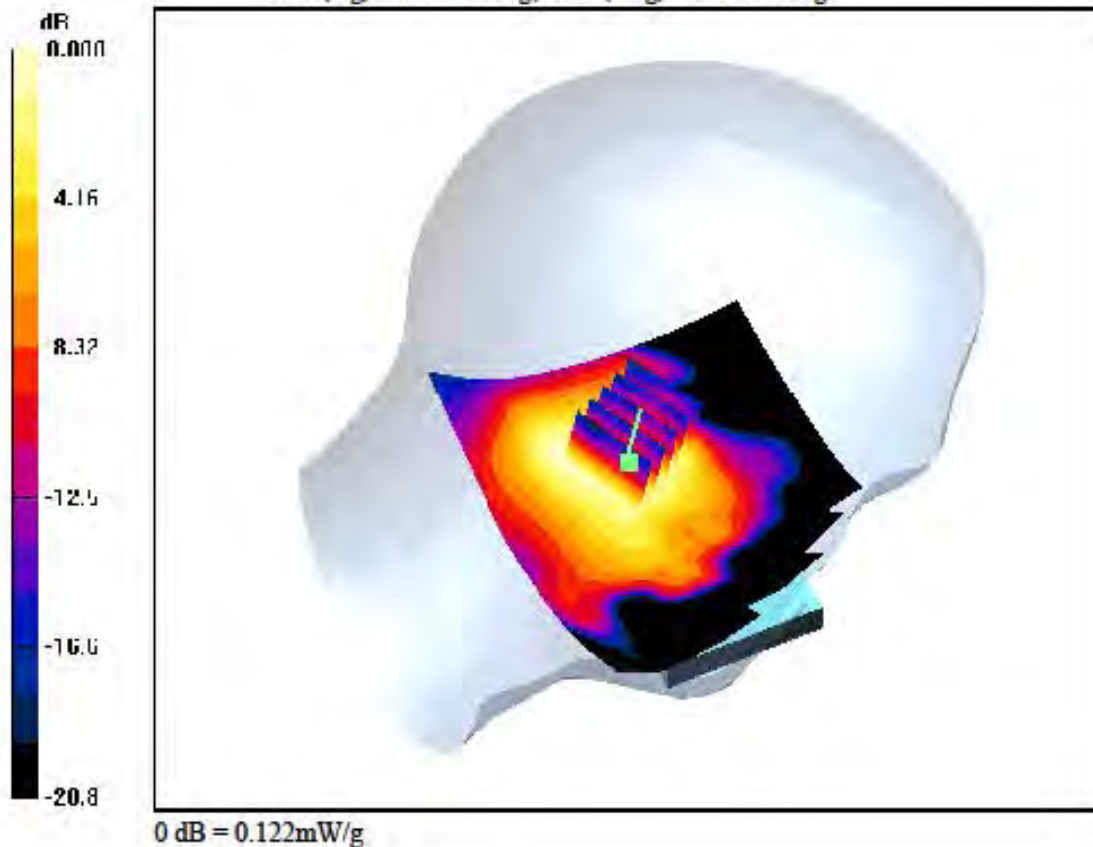
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.074 dB  
Peak SAR (extrapolated) = 0.175 W/kg  
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.053 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

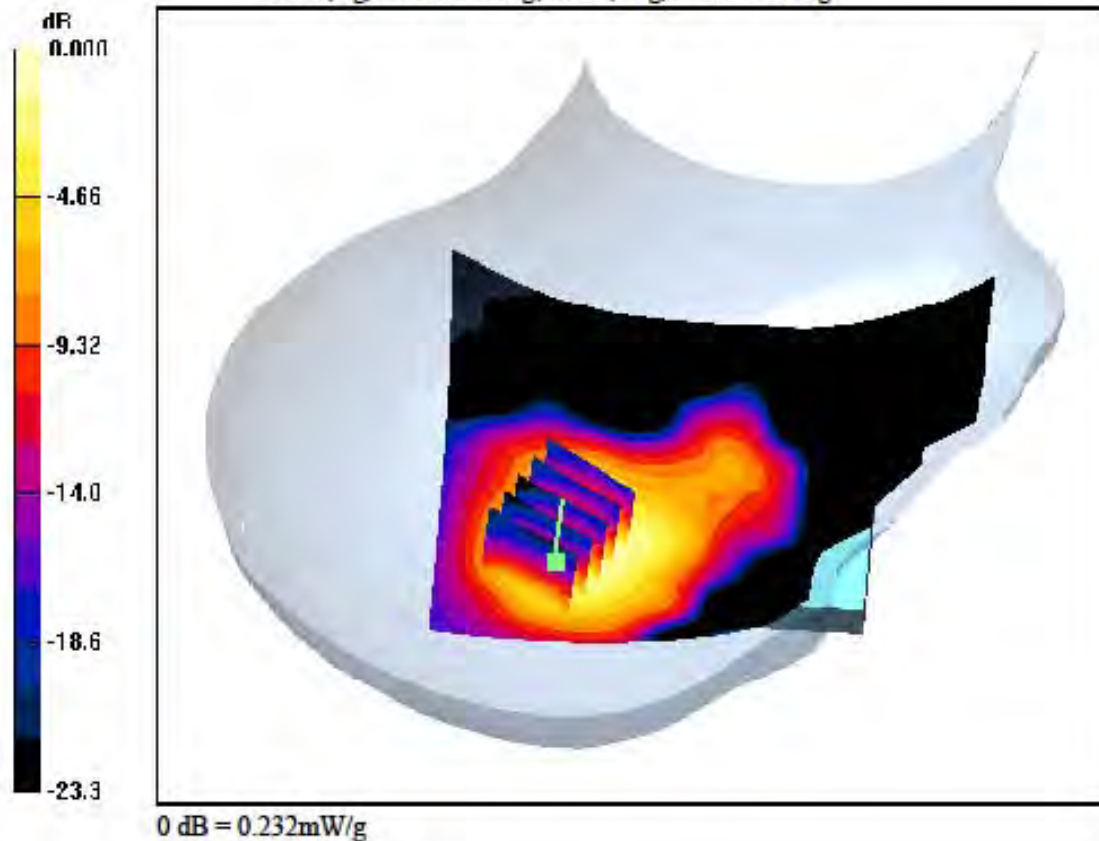
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.019 dB  
Peak SAR (extrapolated) = 0.365 W/kg  
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.085 W/kg





**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

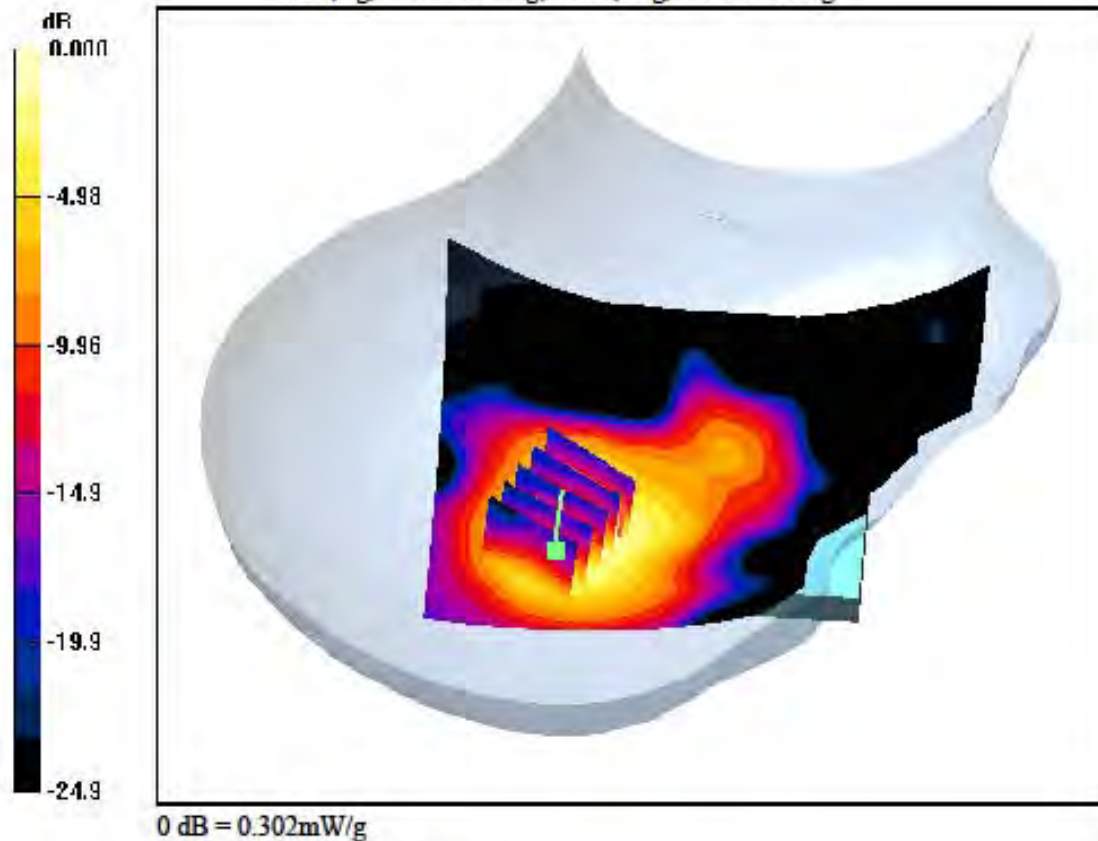
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.107 dB  
Peak SAR (extrapolated) = 0.468 W/kg  
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.107 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

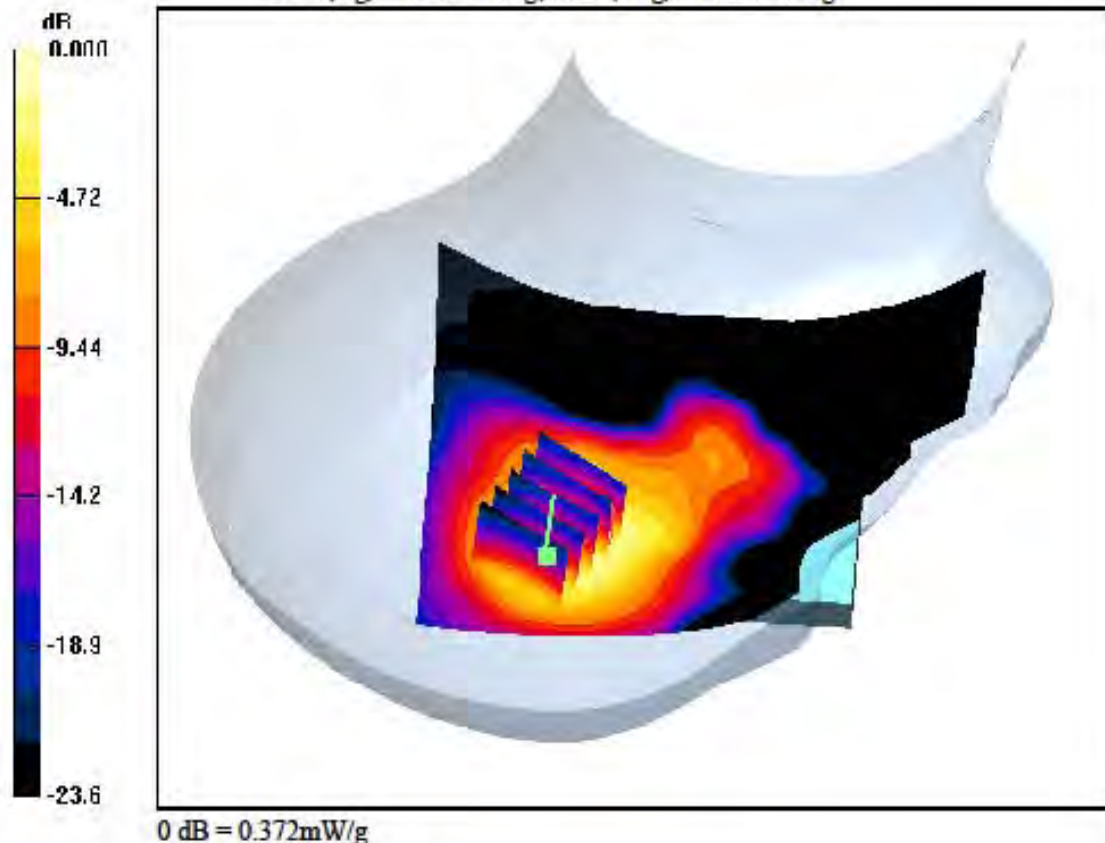
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.076 dB  
Peak SAR (extrapolated) = 0.578 W/kg  
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.130 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Left Section

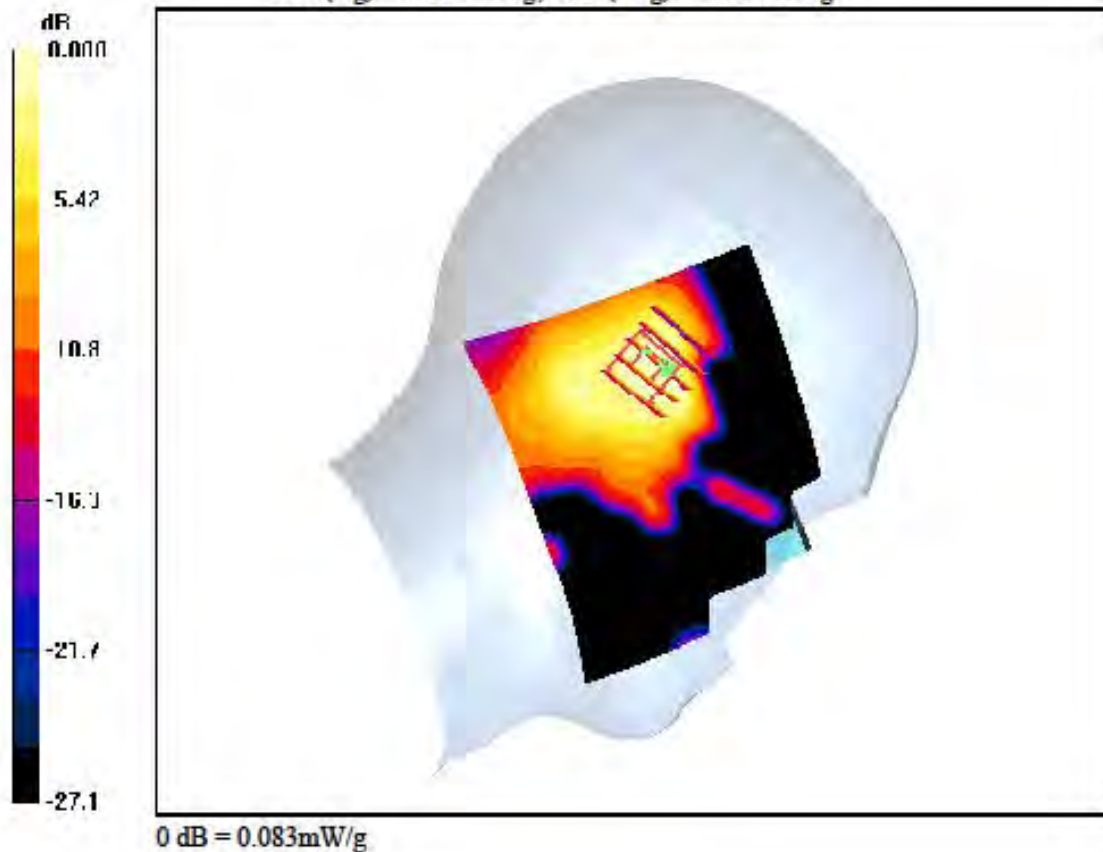
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Left Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = 0.172 dB  
 Peak SAR (extrapolated) = 0.121 W/kg  
 SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.034 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

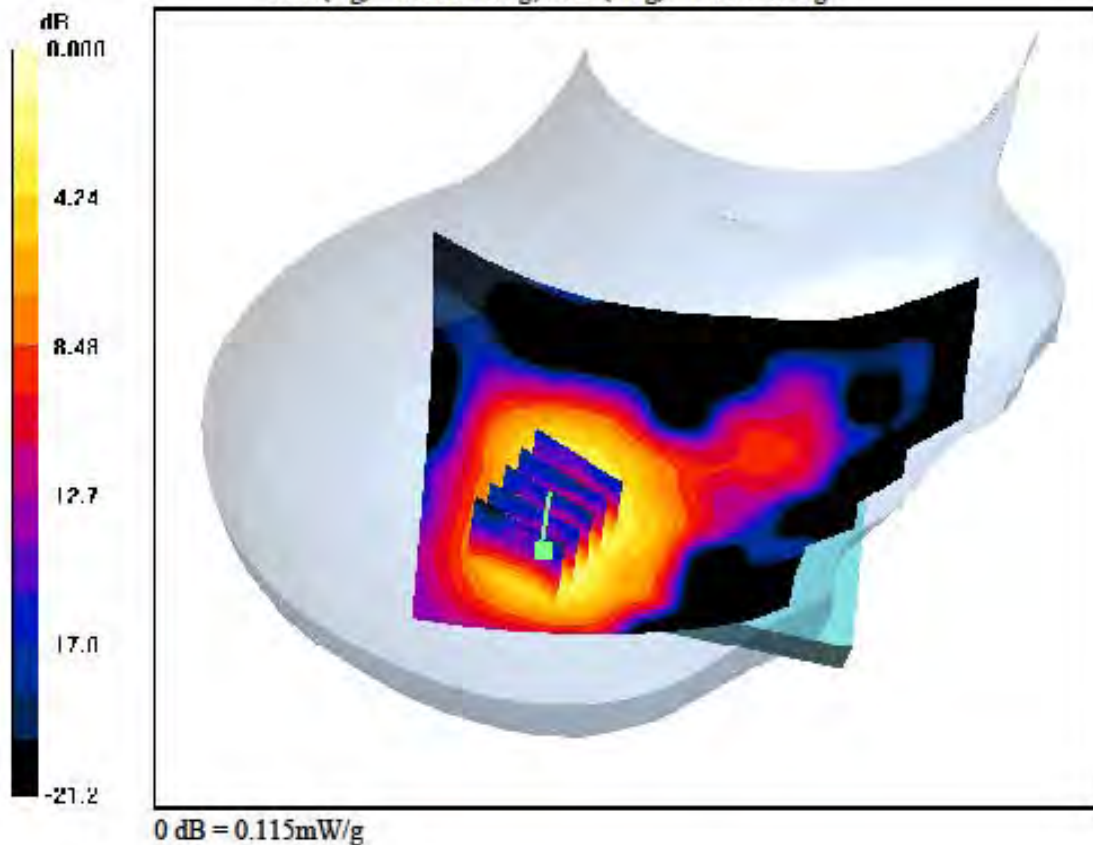
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Tilt, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.167 dB  
Peak SAR (extrapolated) = 0.187 W/kg  
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.040 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
 Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

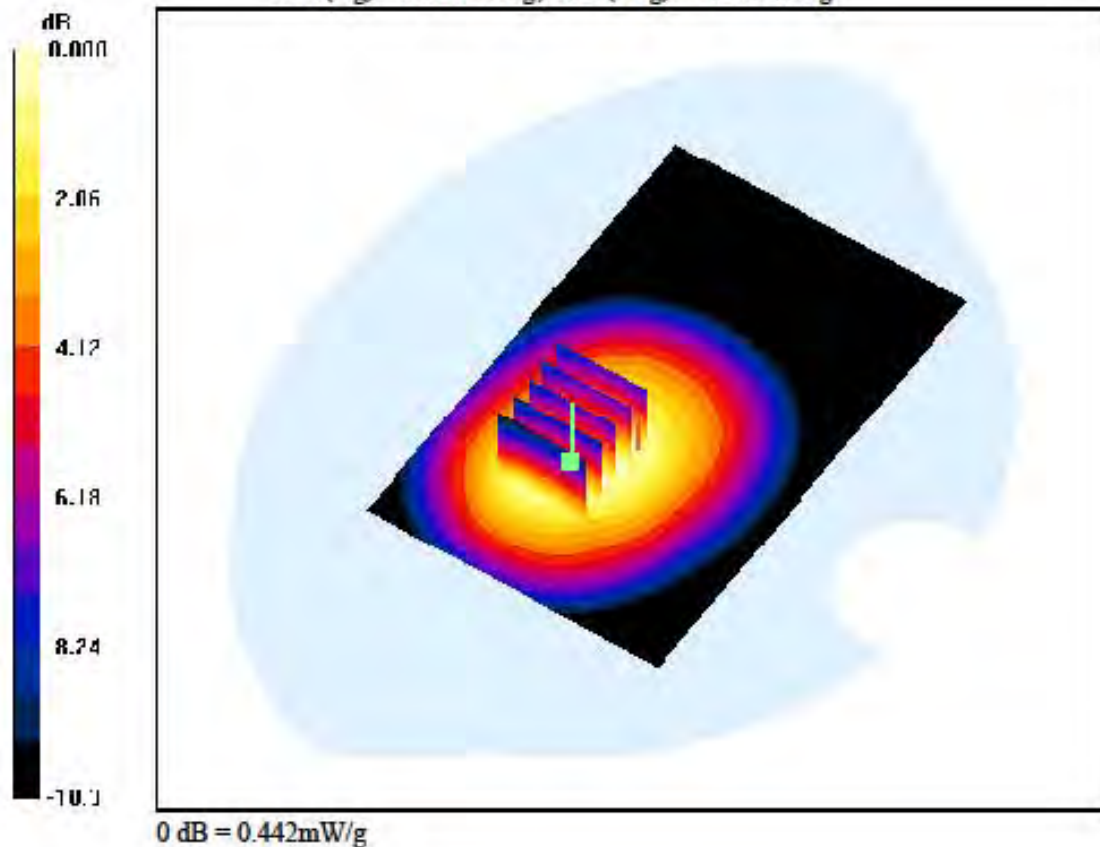
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Front, GSM850 GPRS Class 10, Ch. 190, Ant. Internal**

**Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = -0.026 dB  
 Peak SAR (extrapolated) = 0.514 W/kg  
 SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.278 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

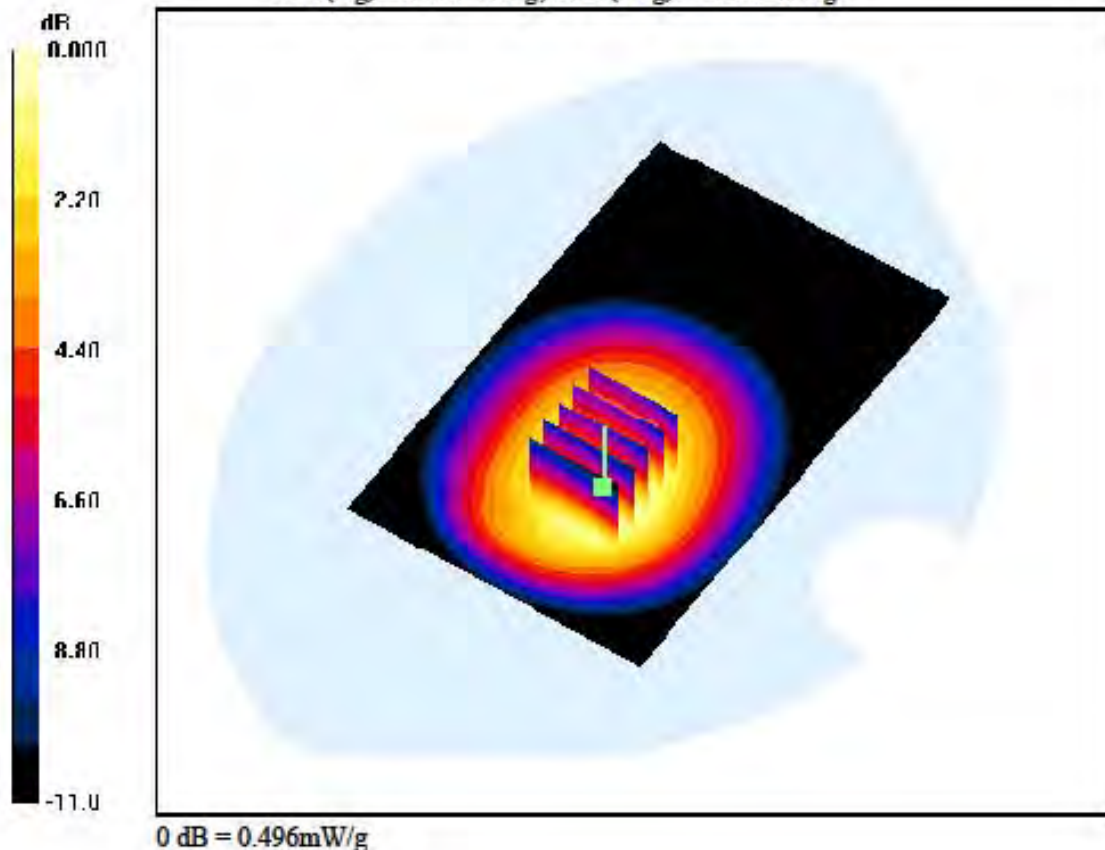
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850, Ch. 190, Ant. Internal****Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.307 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

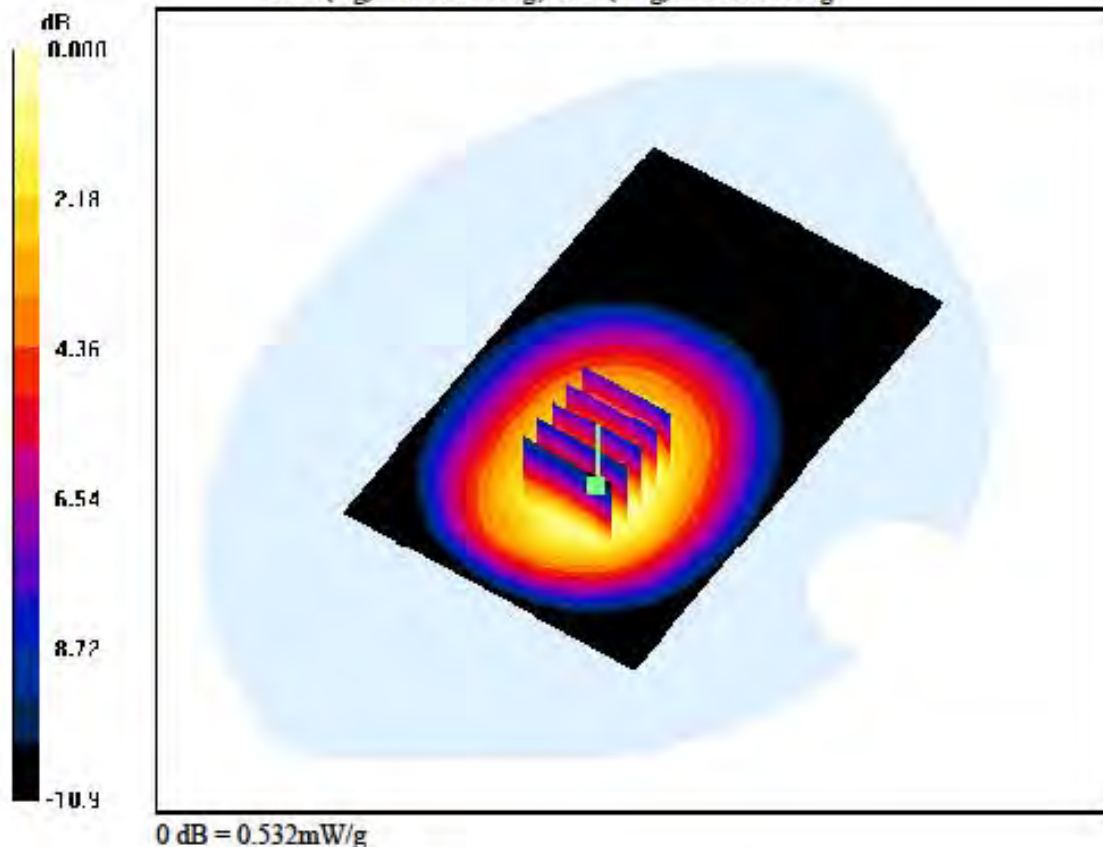
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 8, Ch. 190, Ant. Internal****Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.325 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15  
 Medium parameters used:  $f = 824.333$  MHz;  $\sigma = 0.936$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

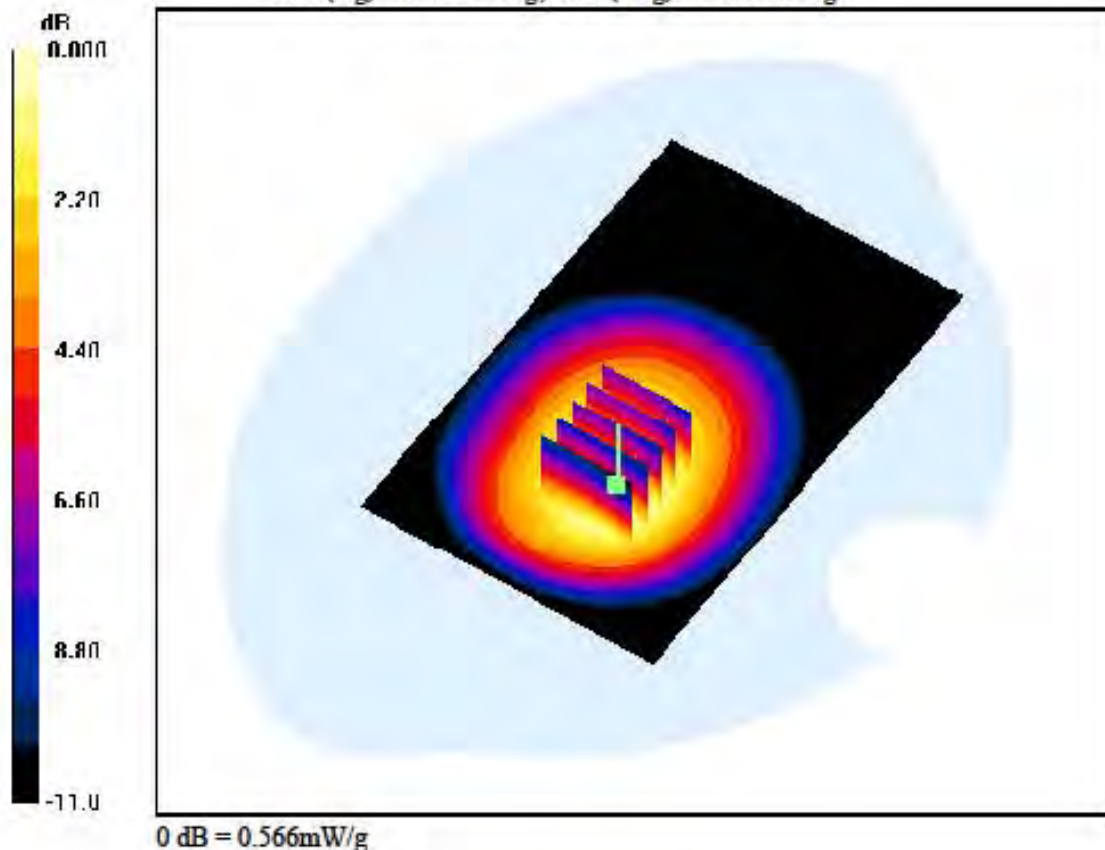
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 128, Ant. Internal**

**Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = 0.018 dB  
 Peak SAR (extrapolated) = 0.663 W/kg  
 SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.348 W/kg





**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

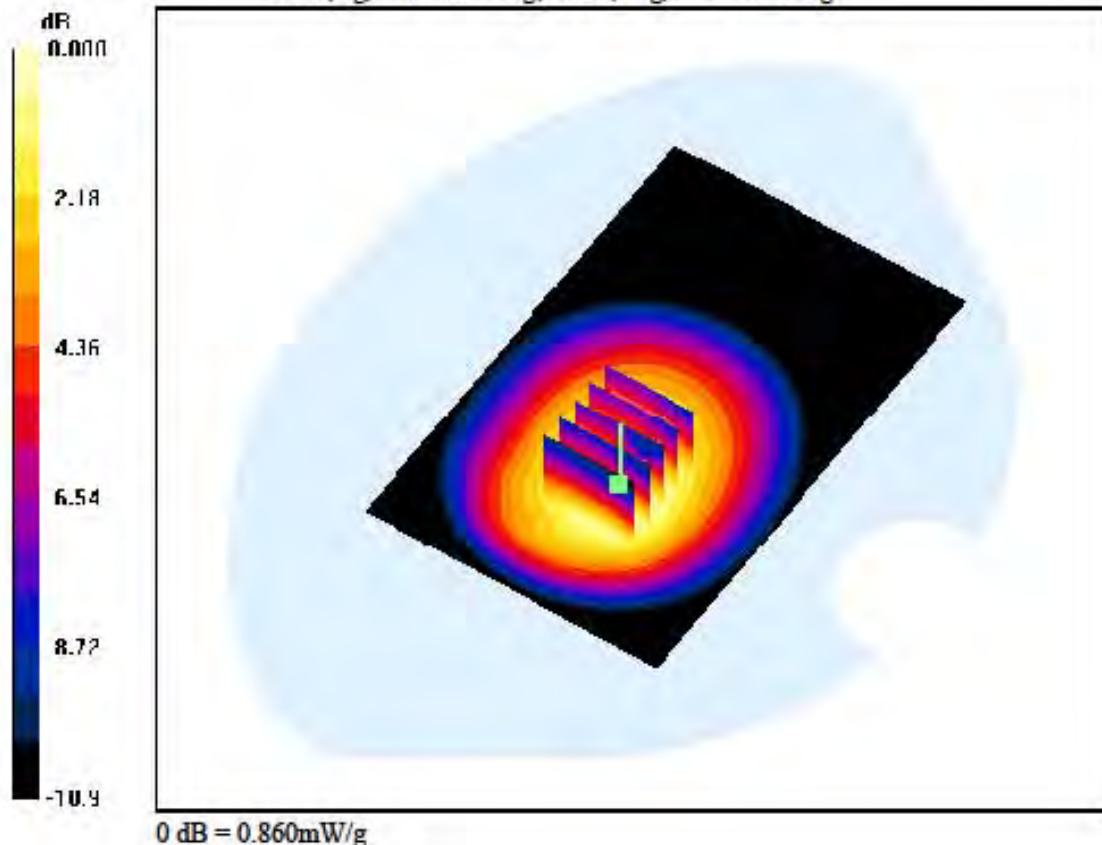
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 190, Ant. Internal**

**Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.033 dB  
Peak SAR (extrapolated) = 1.01 W/kg  
SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.530 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.959 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

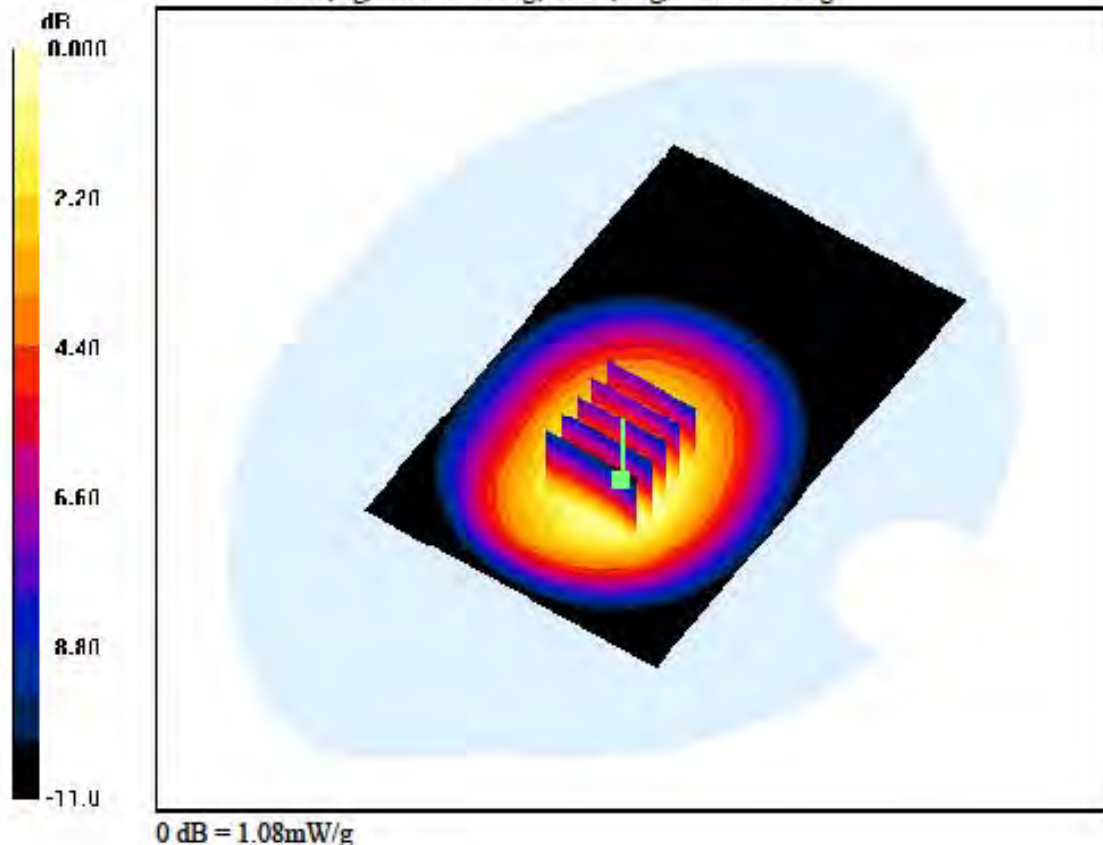
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 251, Ant. Internal****Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ **Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.667 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

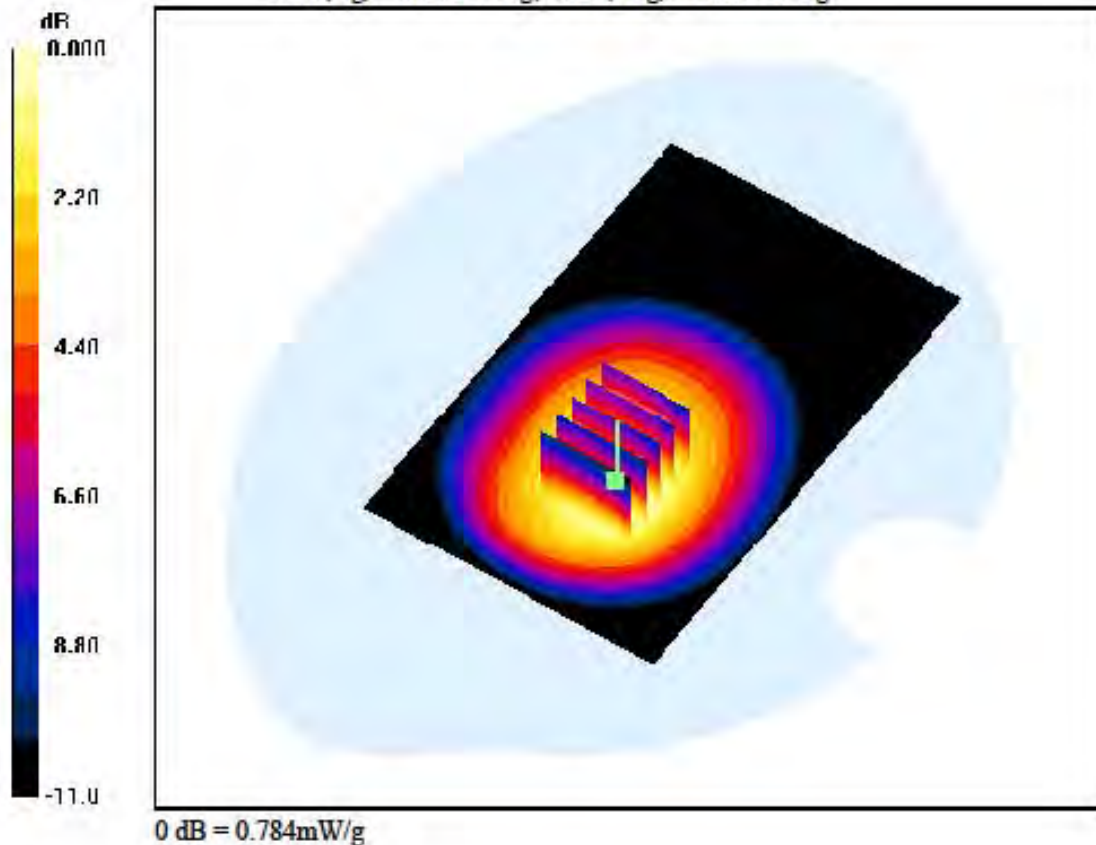
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 11, Ch. 190, Ant. Internal**

**Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.026 dB  
Peak SAR (extrapolated) = 0.917 W/kg  
SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.478 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075  
 Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.947$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

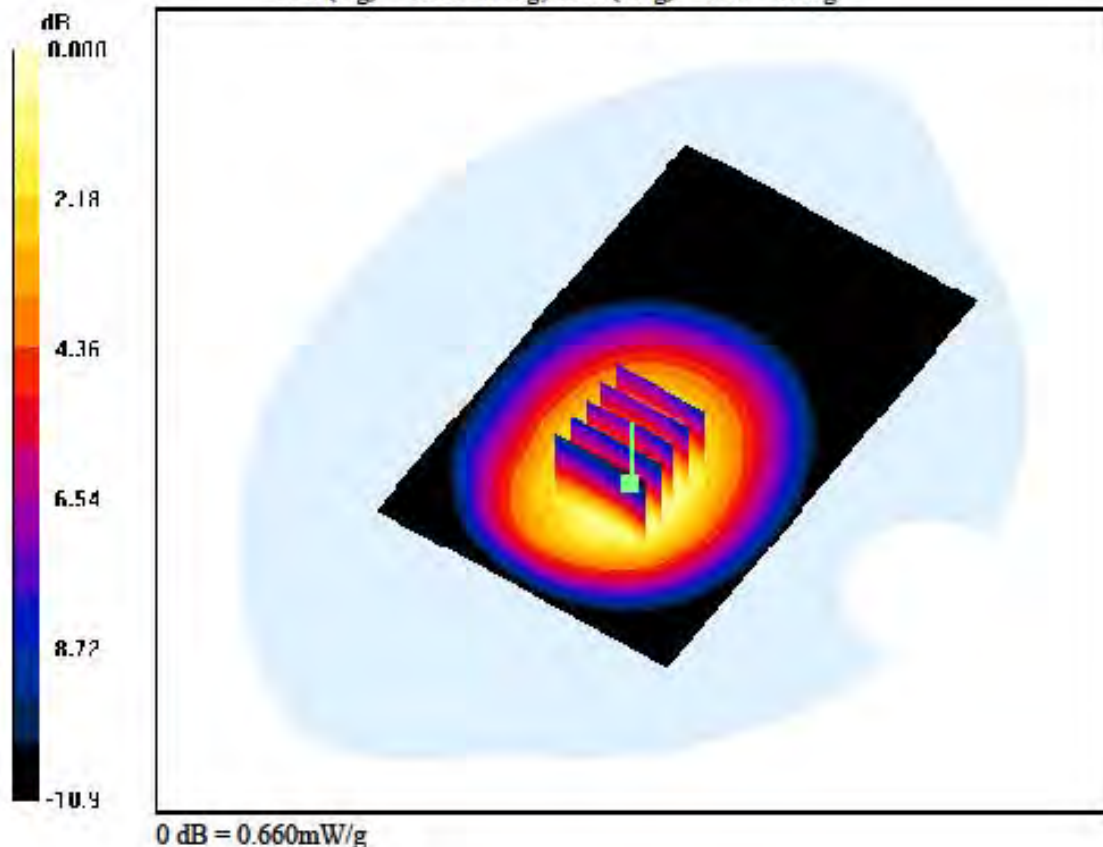
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 12, Ch. 190, Ant. Internal**

**Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = -0.032 dB  
 Peak SAR (extrapolated) = 0.772 W/kg  
 SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.407 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.959 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

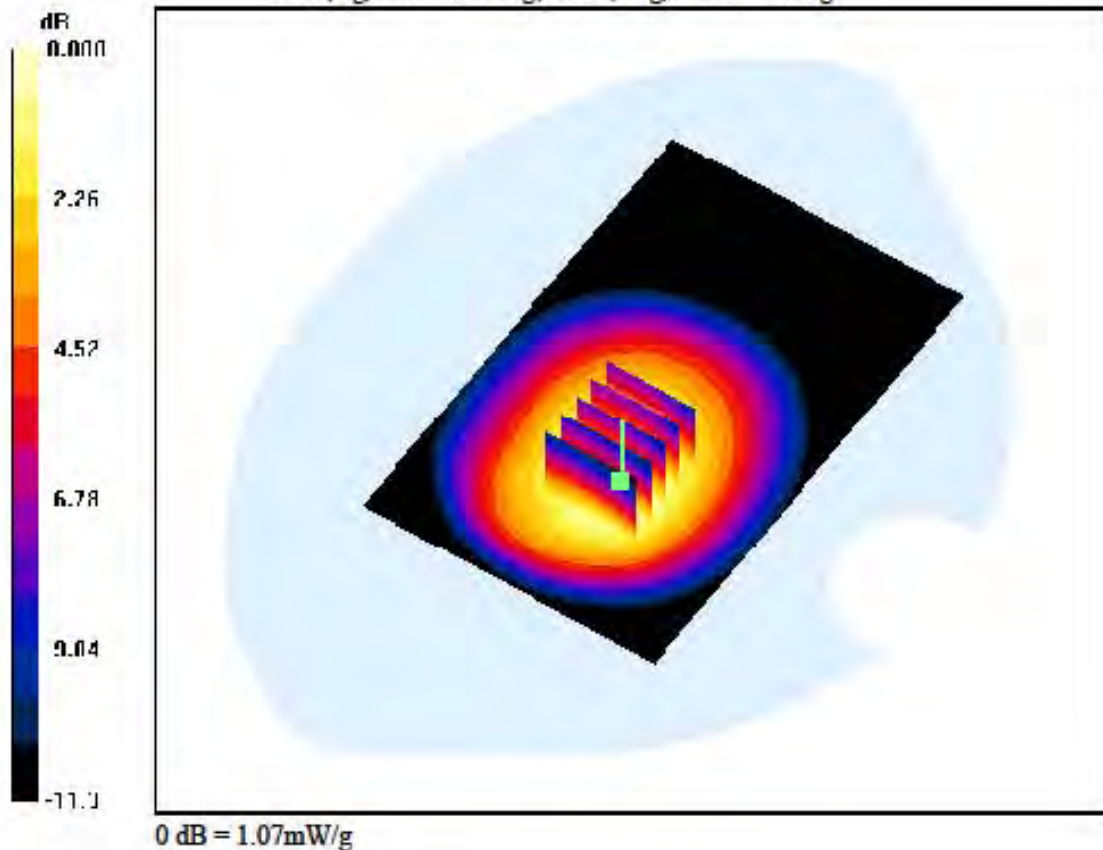
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Sim2, Rear, GSM850 GPRS Class 10, Ch. 251, Ant. Internal**Area Scan (71x111x1): Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$ Zoom Scan (5x5x7)/Cube 0: Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.658 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 52.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

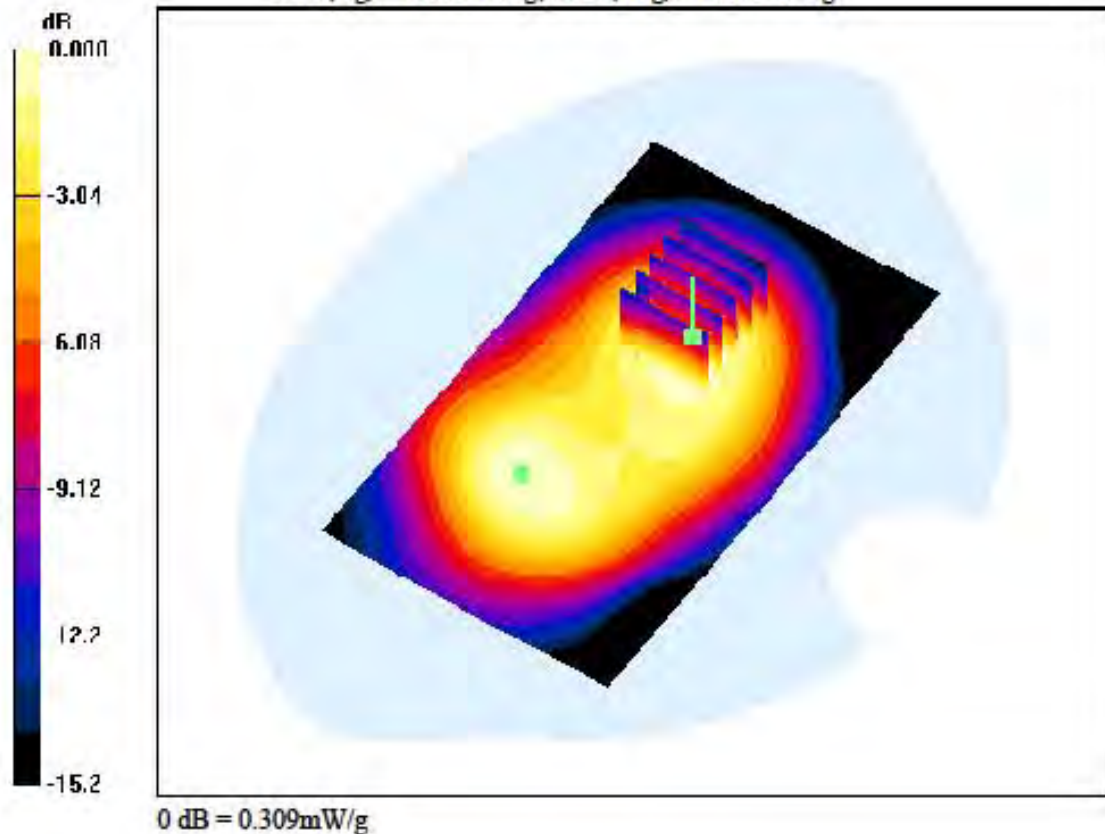
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Front, PCS1900 GPRS Class II, Ch. 661, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = -0.175 dB  
 Peak SAR (extrapolated) = 0.387 W/kg  
 SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.162 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

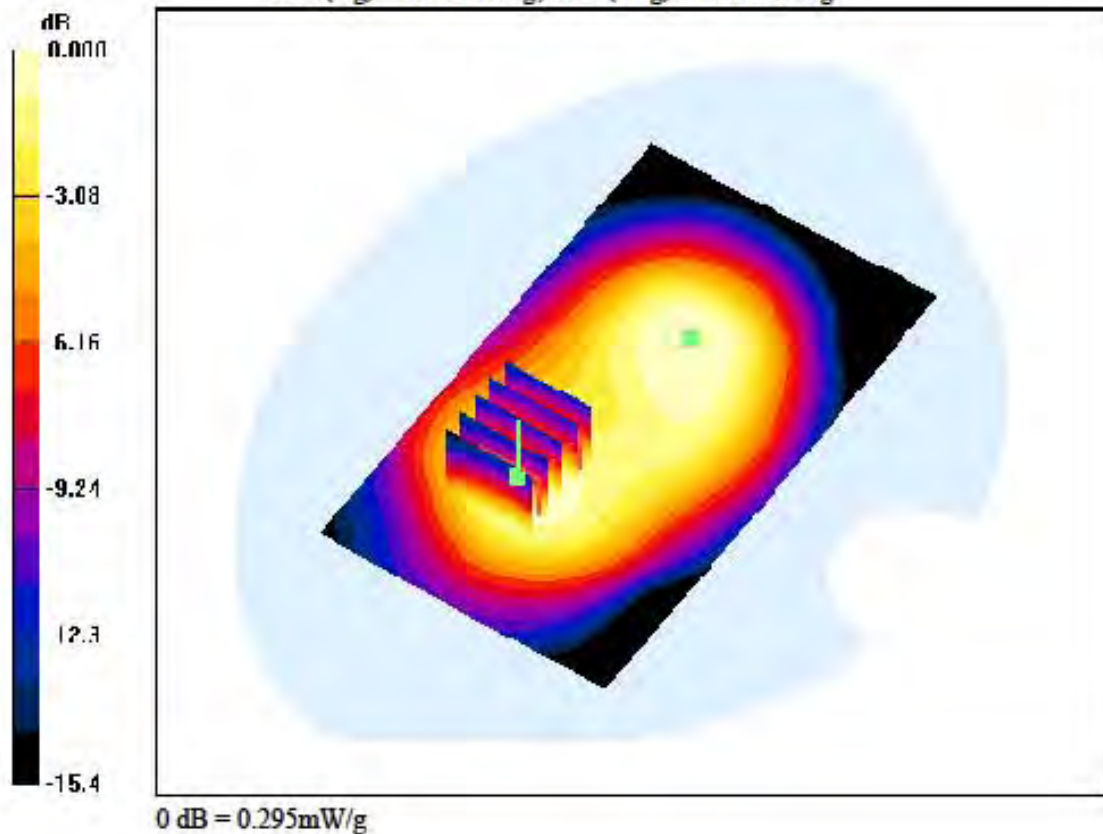
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Front, PCS1900 GPRS Class II, Ch. 661, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.175 dB  
Peak SAR (extrapolated) = 0.377 W/kg  
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.151 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 52.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

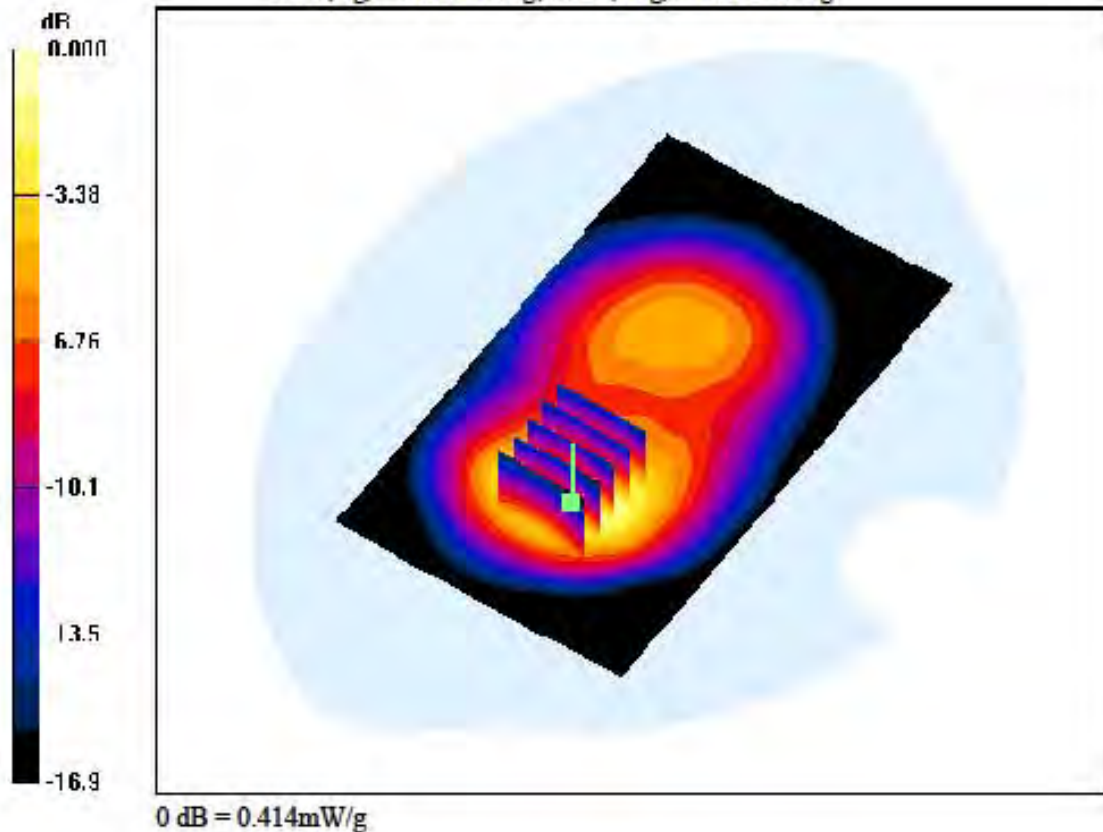
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900, Ch. 661, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = -0.069 dB  
 Peak SAR (extrapolated) = 0.552 W/kg  
 SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.182 W/kg





**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

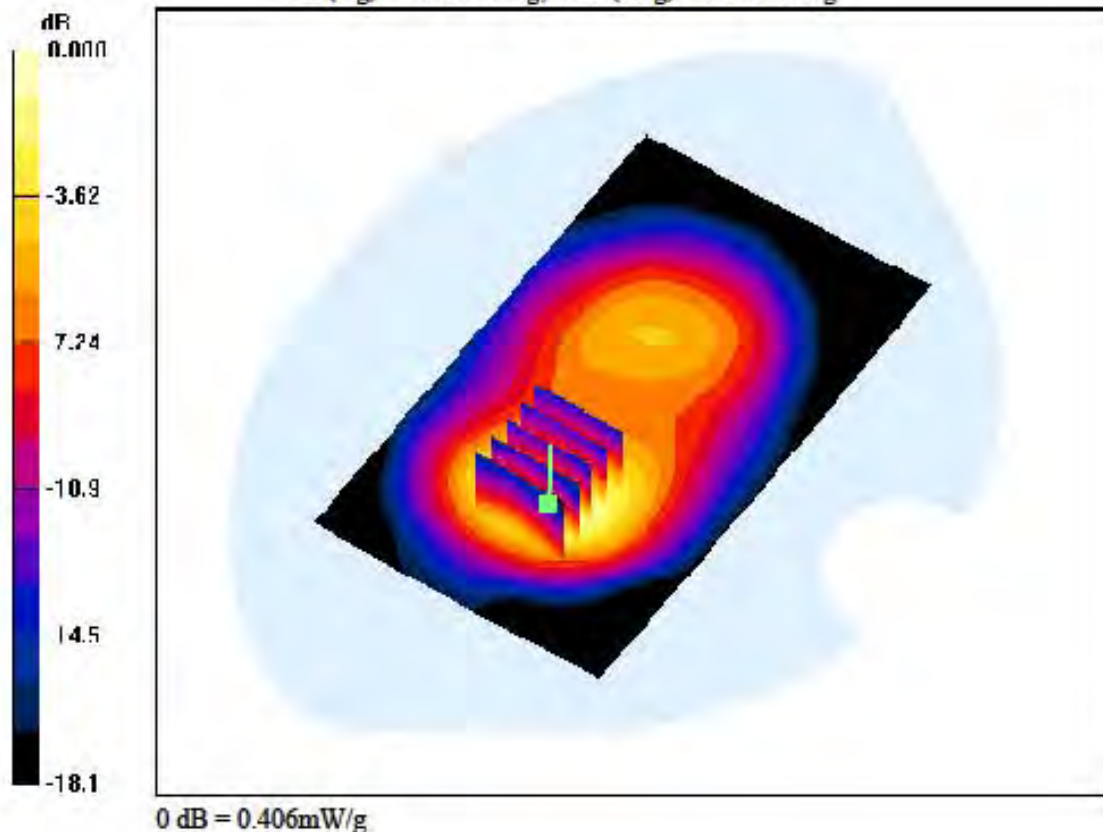
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 8, Ch. 661, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = -0.020 dB  
Peak SAR (extrapolated) = 0.538 W/kg  
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.178 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

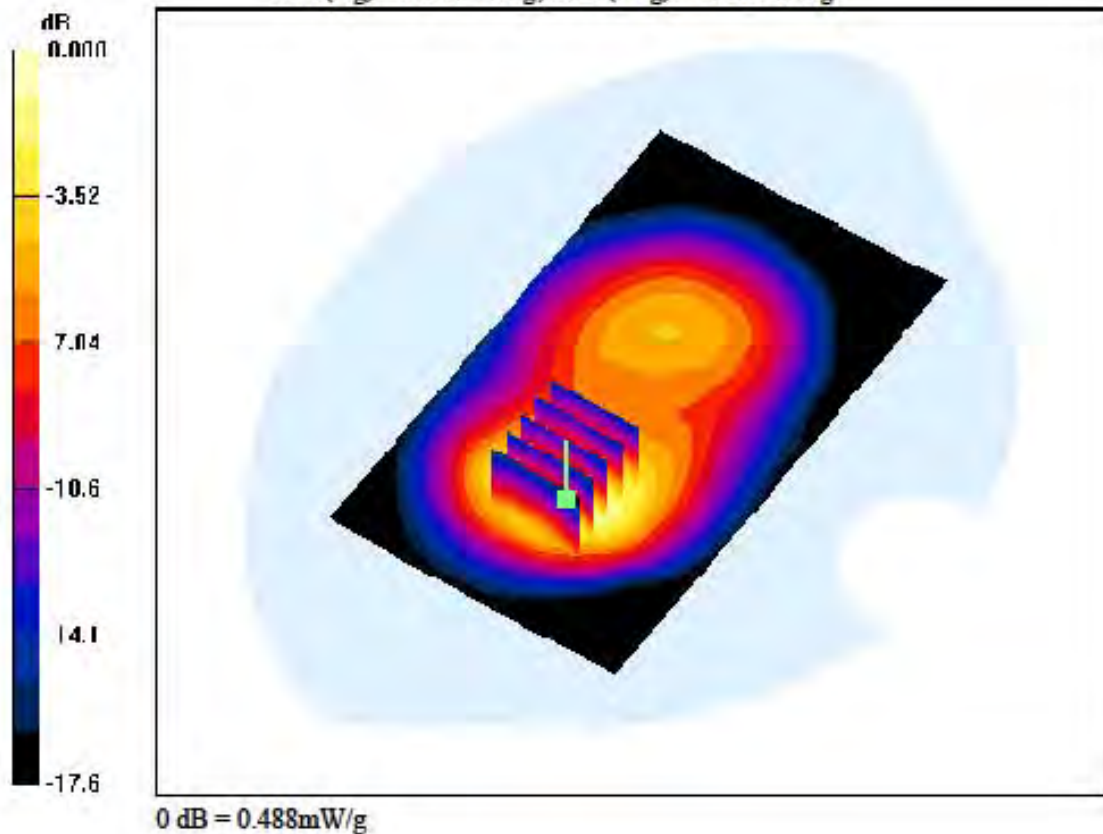
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 10, Ch. 661, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.044 dB  
Peak SAR (extrapolated) = 0.641 W/kg  
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.215 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1850.33$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

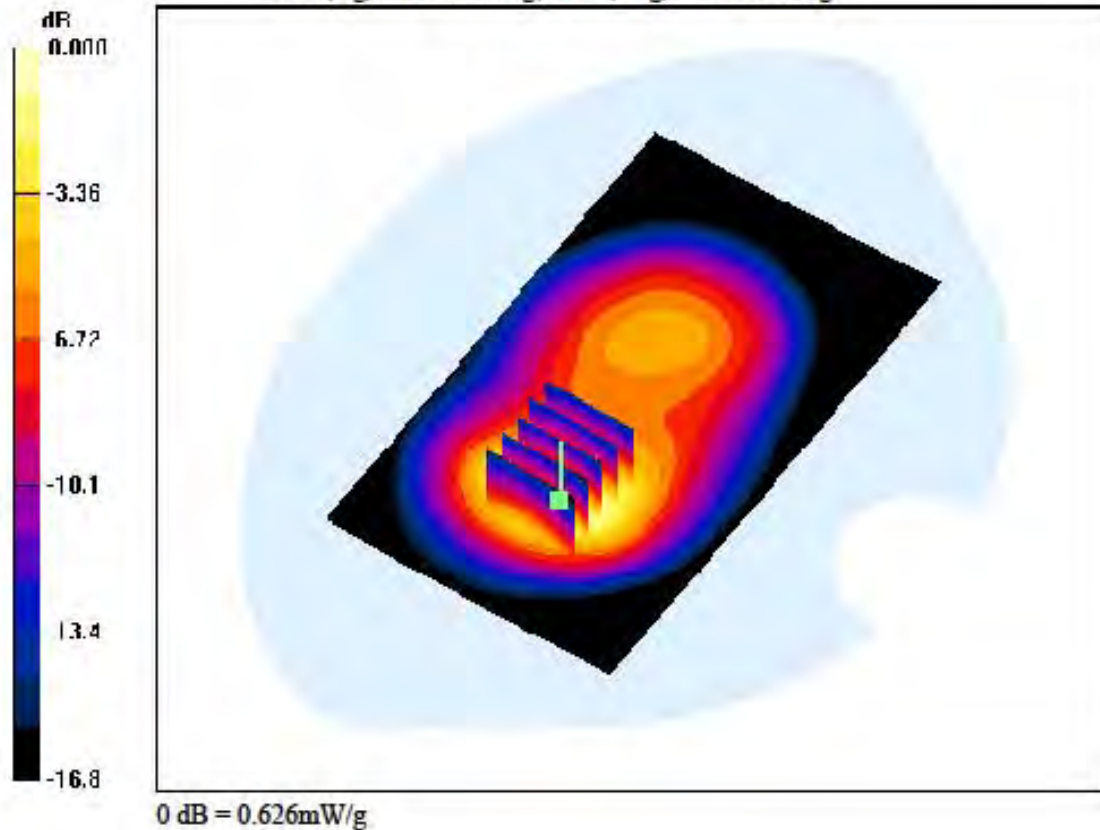
Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 512, Ant. Internal****Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.833 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.275 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

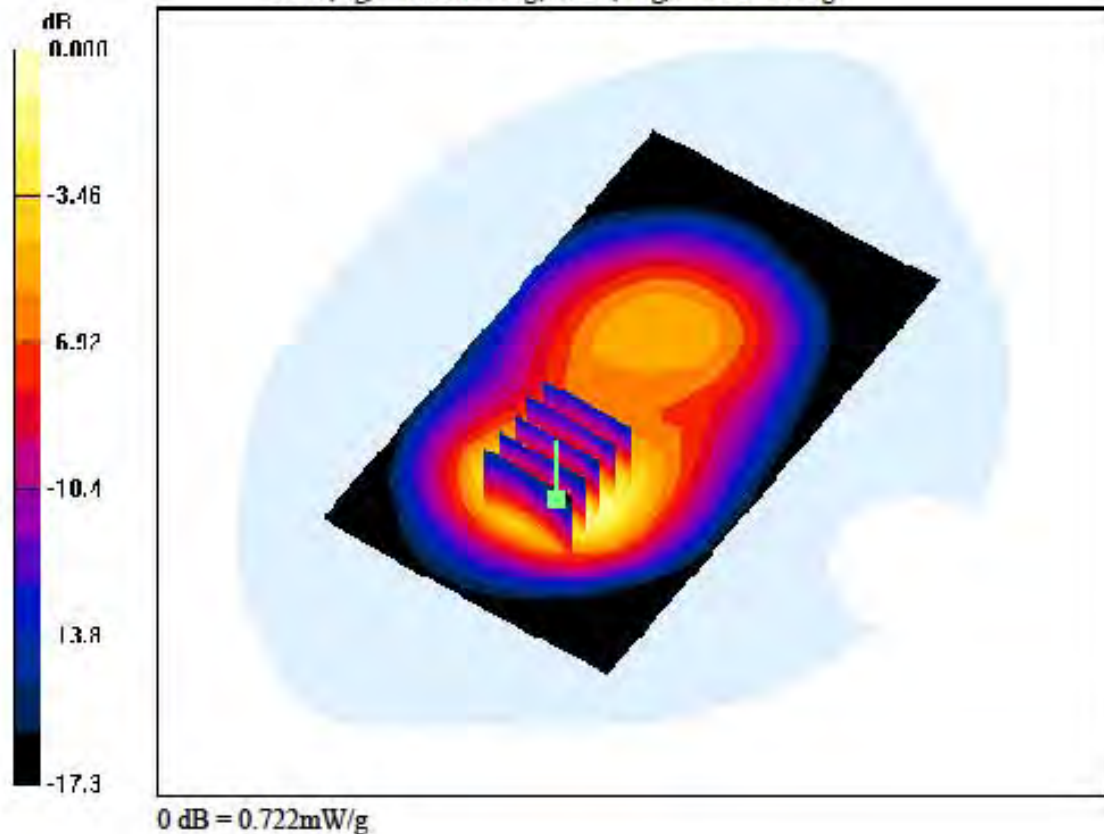
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 661, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.019 dB  
Peak SAR (extrapolated) = 0.955 W/kg  
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.319 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77  
Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

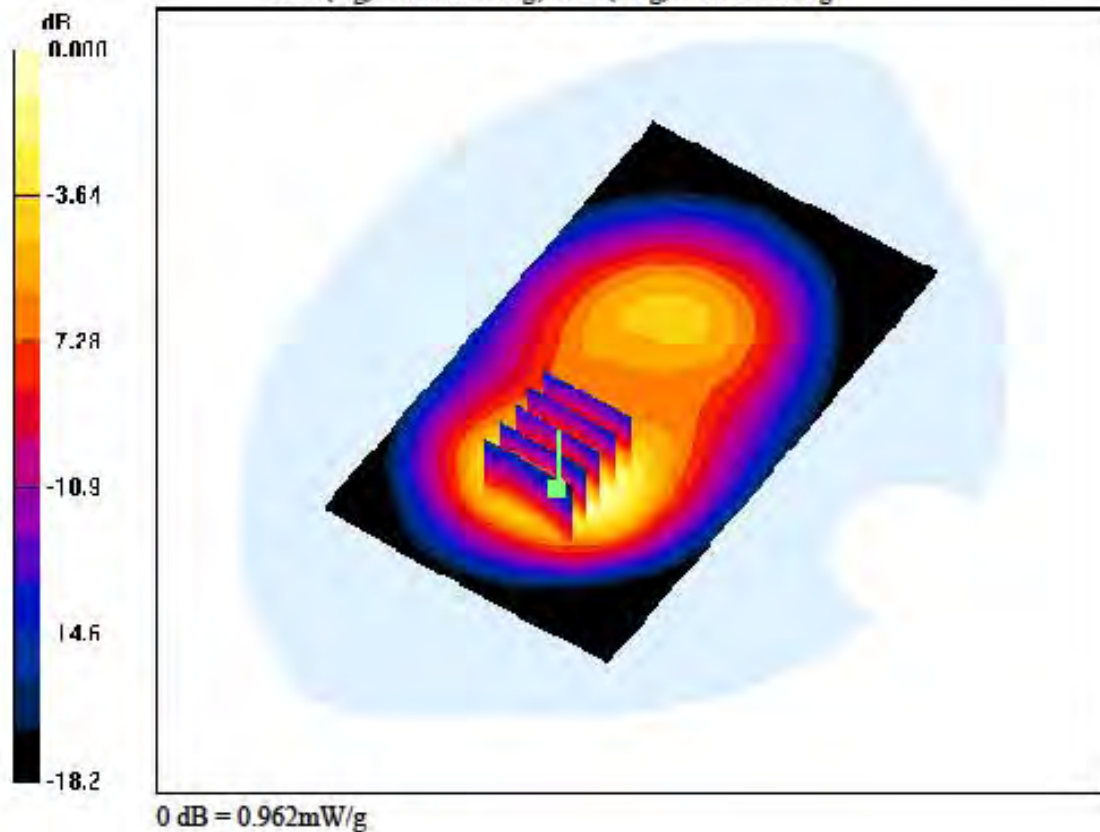
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 810, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Power Drift = 0.012 dB  
Peak SAR (extrapolated) = 1.28 W/kg  
SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.426 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075  
 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 52.1$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

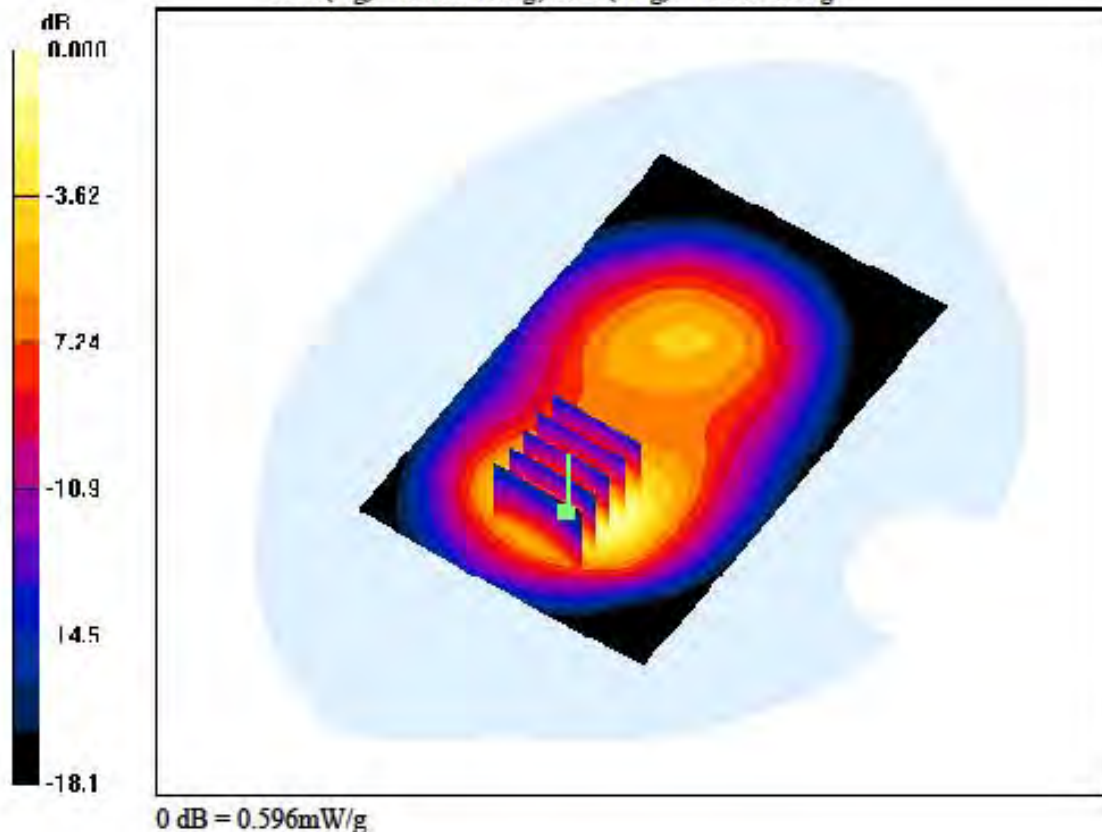
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 12, Ch. 661, Ant. Internal**

**Area Scan (71x111x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = -0.153 dB  
 Peak SAR (extrapolated) = 0.796 W/kg  
 SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.263 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

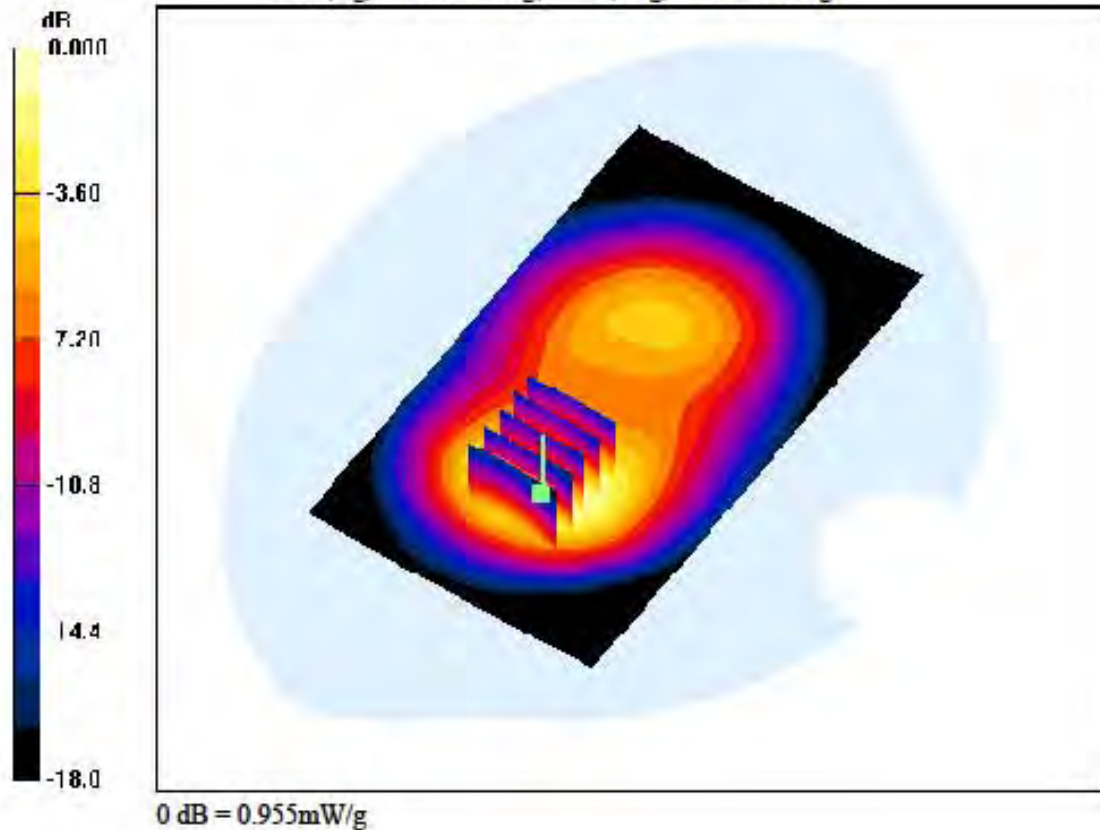
Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Sim2, Rear, PCS1900 GPRS Class 11, Ch. 810, Ant. Internal****Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.424 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.93 \text{ mho/m}$ ;  $\epsilon_r = 51.5$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**1.5 cm space from Body, Front, W-LAN(802.11b), Ch. 11, Ant. Internal**

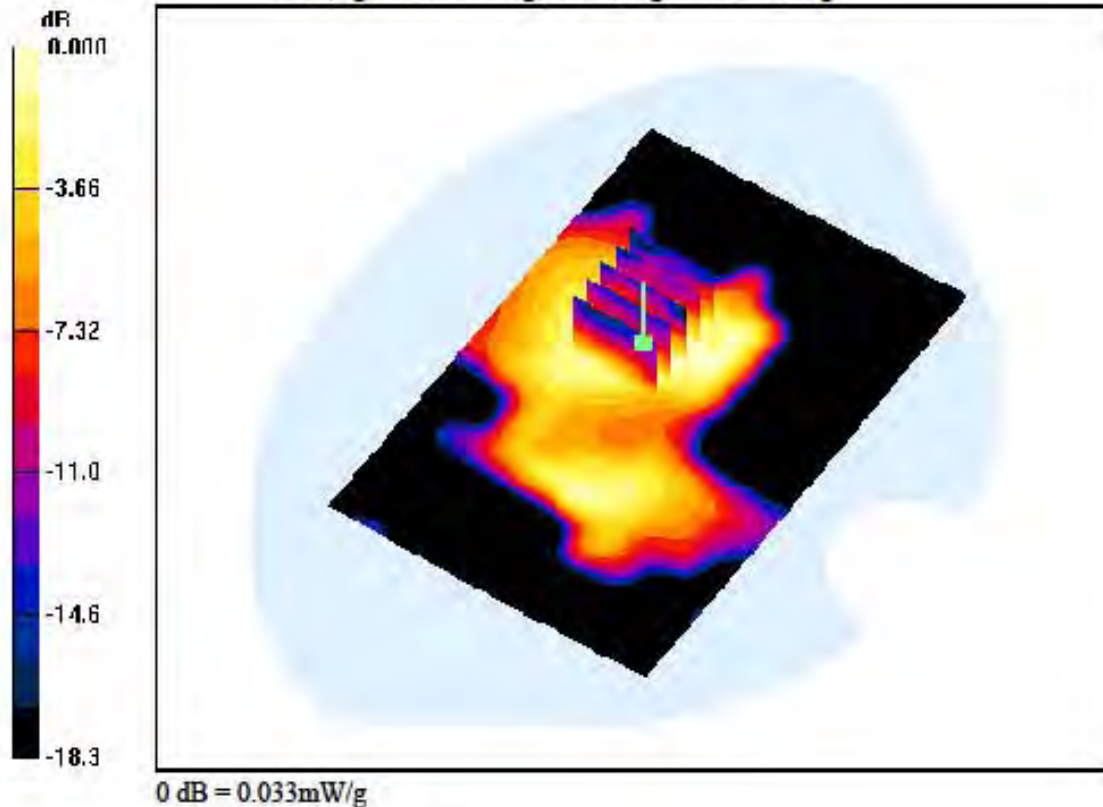
**Area Scan (81x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg





**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.88 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

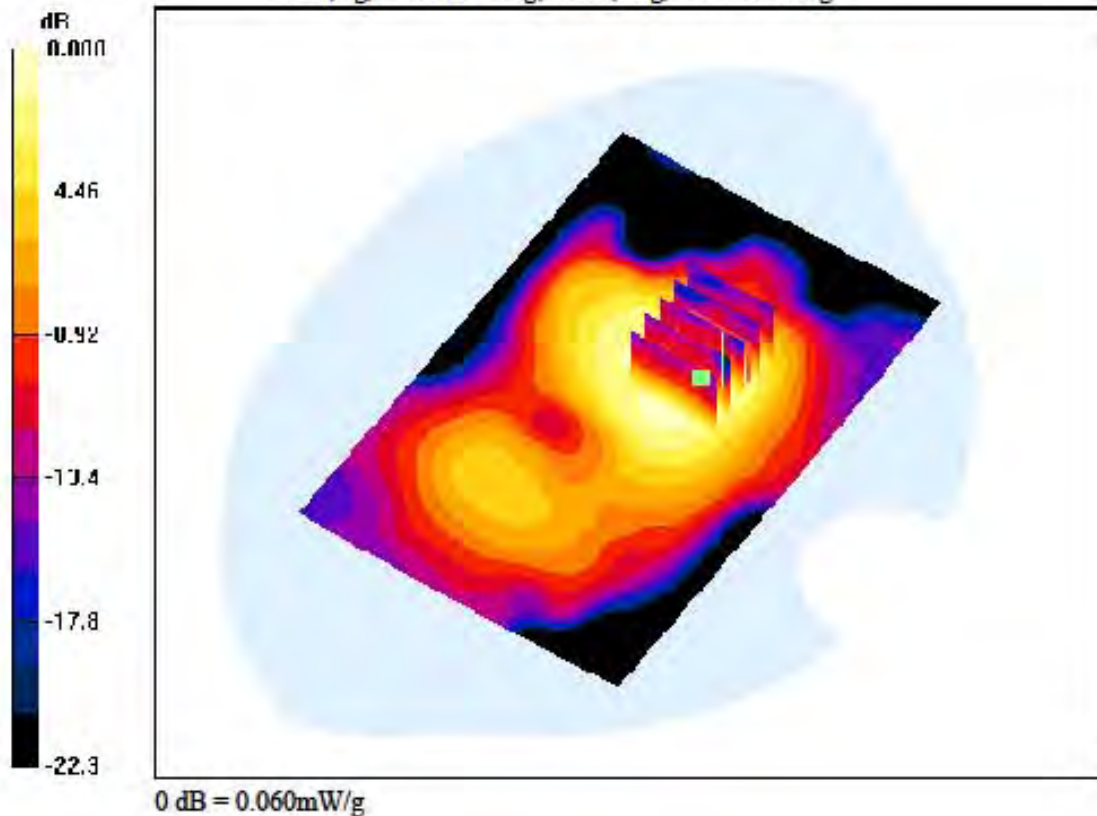
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**1.5 cm space from Body, Rear, W-LAN(802.11b), Ch. 1, Ant. Internal**

**Area Scan (81x121x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Power Drift = 0.023 dB  
 Peak SAR (extrapolated) = 0.095 W/kg  
 SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.024 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

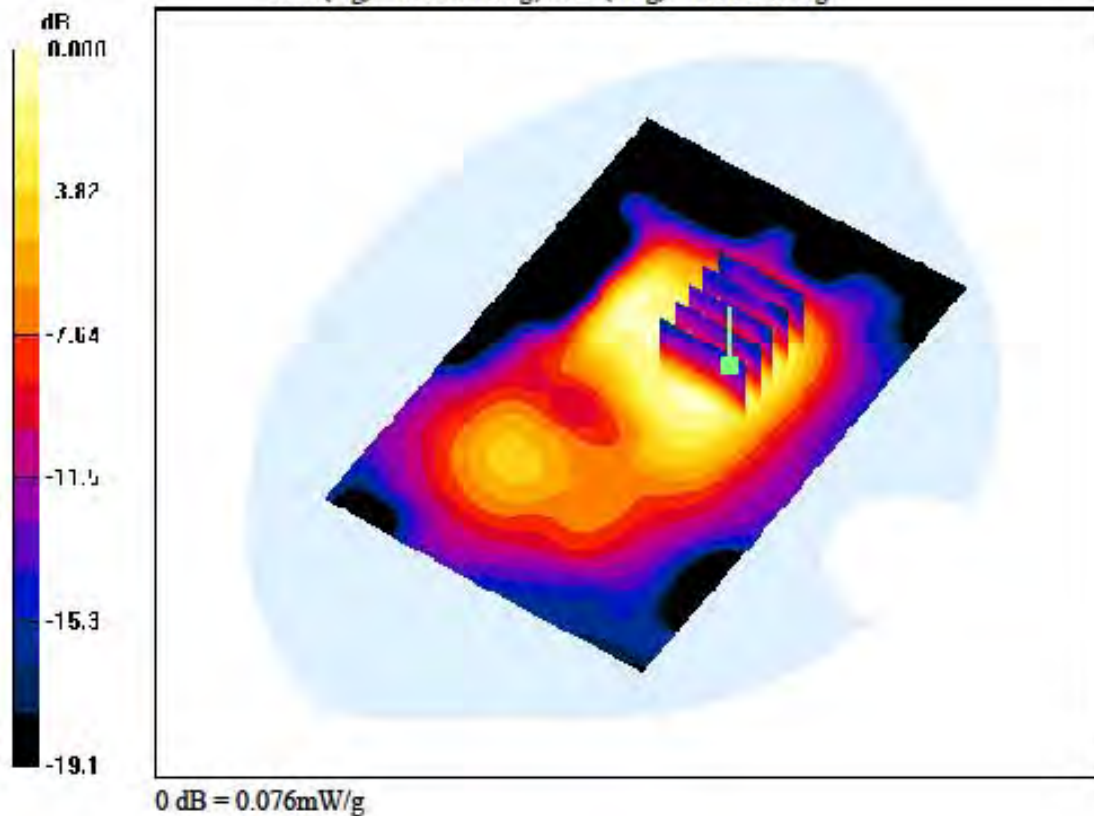
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**1.5 cm space from Body, Rear, W-LAN(802.11b), Ch. 6, Ant. Internal**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = 0.151 dB  
 Peak SAR (extrapolated) = 0.117 W/kg  
 SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.031 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**1.5 cm space from Body, Rear, W-LAN(802.11b), Ch. 11, Ant. Internal**

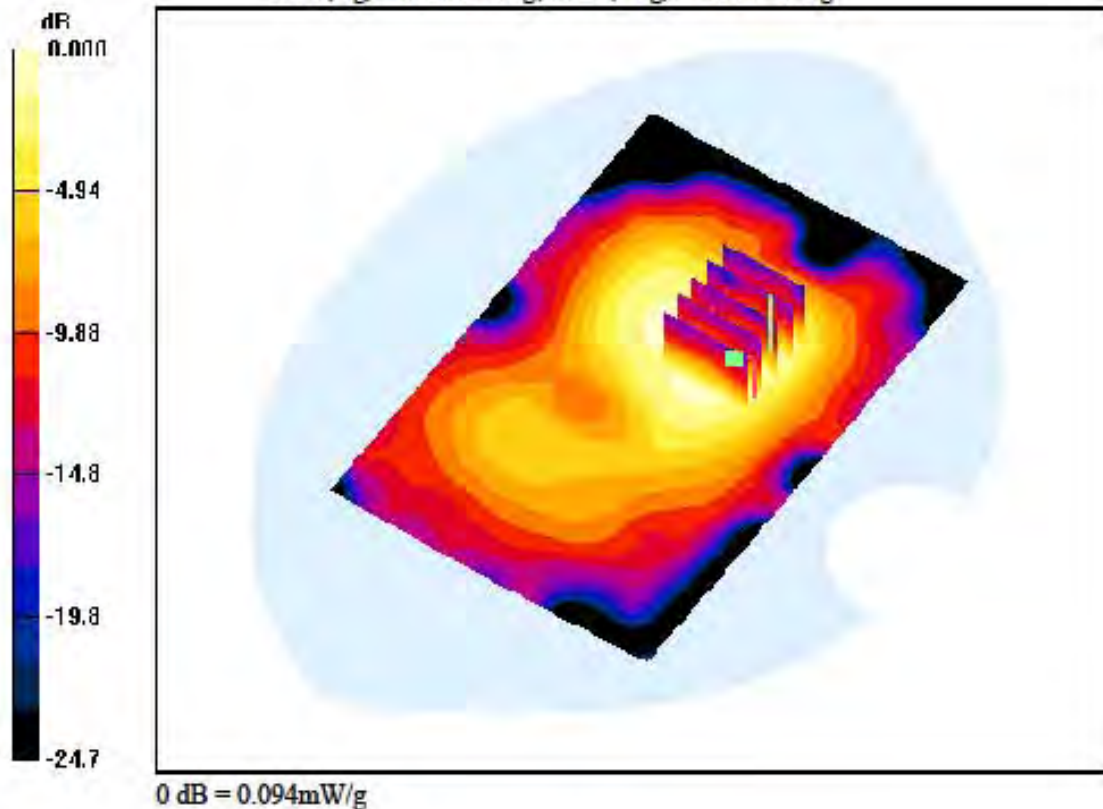
**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.038 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 836.667$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.94, 8.94, 8.94); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

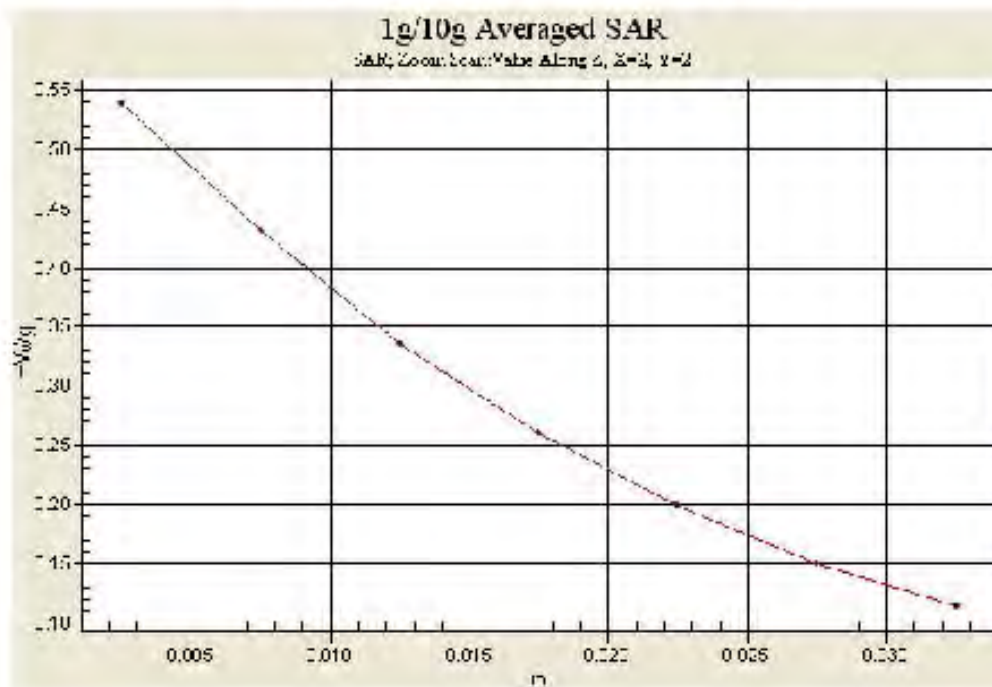
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**Right Touch, GSM850 Ch. 190, Ant Internal, Standard Battery****Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.353 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.959$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(9.12, 9.12, 9.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

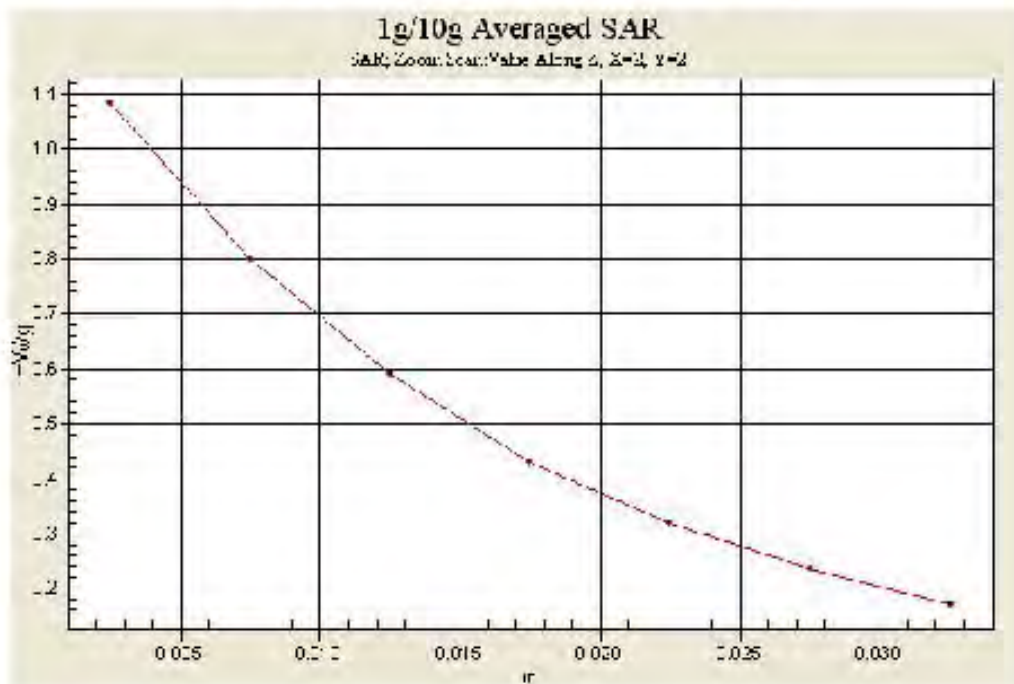
Test Date: 2012-02-22; Ambient Temp: 22.1; Tissue Temp: 22.4

**1.5 cm space from Body, Rear, GSM850 GPRS Class 10, Ch. 251, Ant. Internal****Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.080 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.667 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.97, 7.97, 7.97); Calibrated: 2012-01-27; Electronics: DAE3 Sn519

Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224

Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

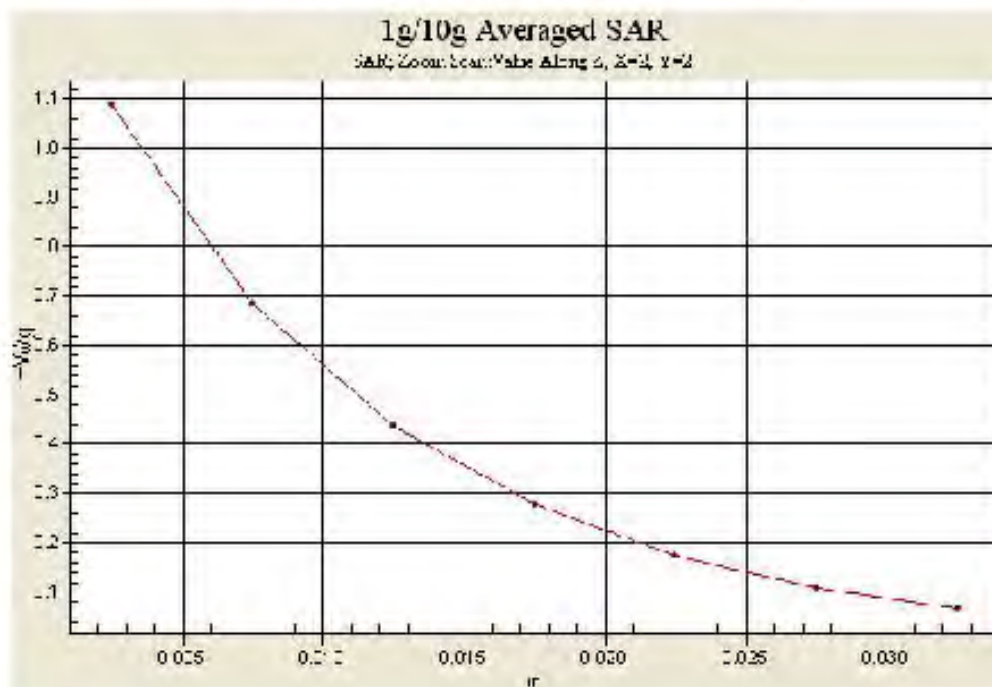
Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery****Area Scan (81x101x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.483 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77  
 Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

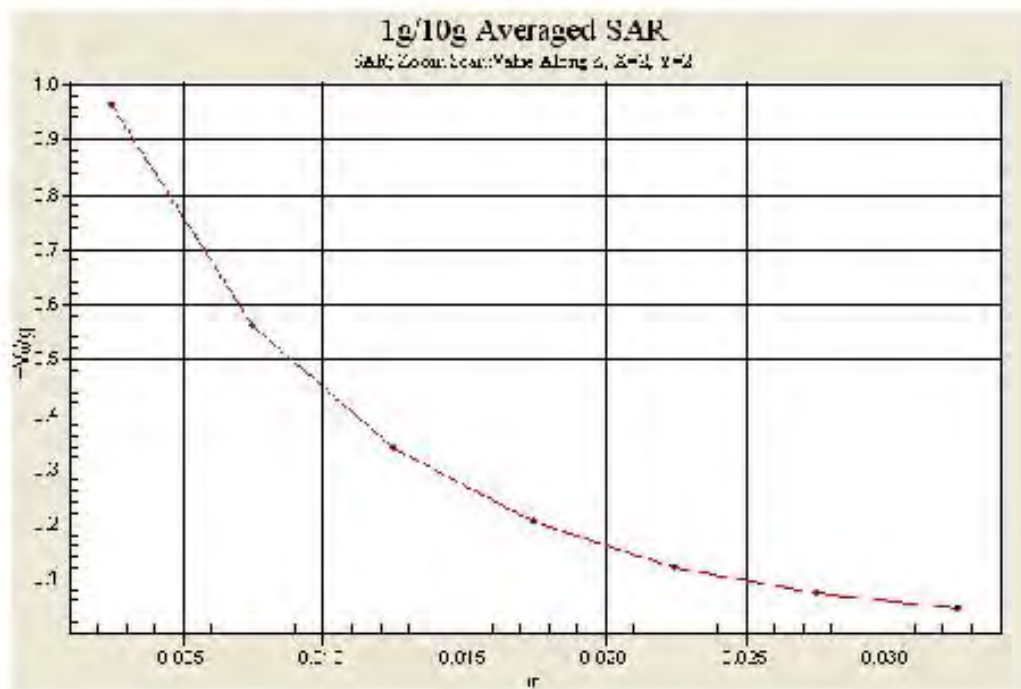
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.34, 7.34, 7.34); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-23; Ambient Temp: 21.9; Tissue Temp: 22.2

**1.5 cm space from Body, Rear, PCS1900 GPRS Class 11, Ch. 810, Ant. Internal**

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = 0.012 dB  
 Peak SAR (extrapolated) = 1.28 W/kg  
 SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.426 W/kg



**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Right Section

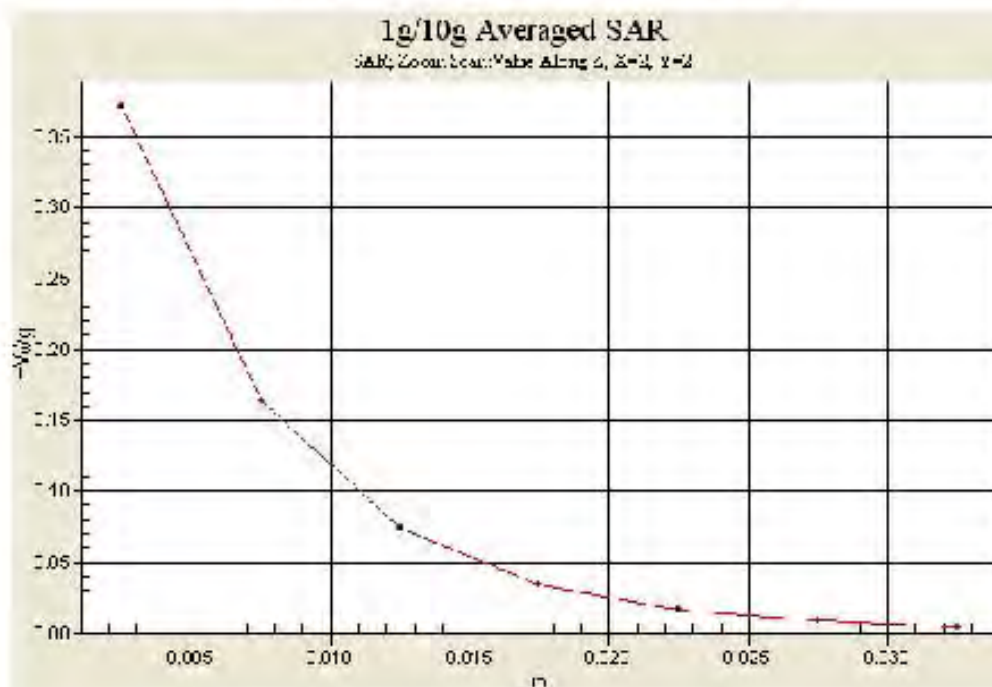
**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(7.12, 7.12, 7.12); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**Right Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**

**Area Scan (81x111x1):** Measurement grid: dx=15mm, dy=15mm  
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Power Drift = 0.076 dB  
 Peak SAR (extrapolated) = 0.578 W/kg  
 SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.130 W/kg





**DIGITAL EMC CO., LTD****DUT: LG-T375; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519  
 Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224  
 Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-02-24; Ambient Temp: 22.3; Tissue Temp: 22.5

**1.5 cm space from Body, Rear, W-LAN(802.11b), Ch. 11, Ant. Internal**

**Area Scan (81x121x1):** Measurement grid: dx=15mm, dy=15mm

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.038 W/kg

