

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: $f = 835$ MHz; $\sigma = 0.929$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Dipole Validation

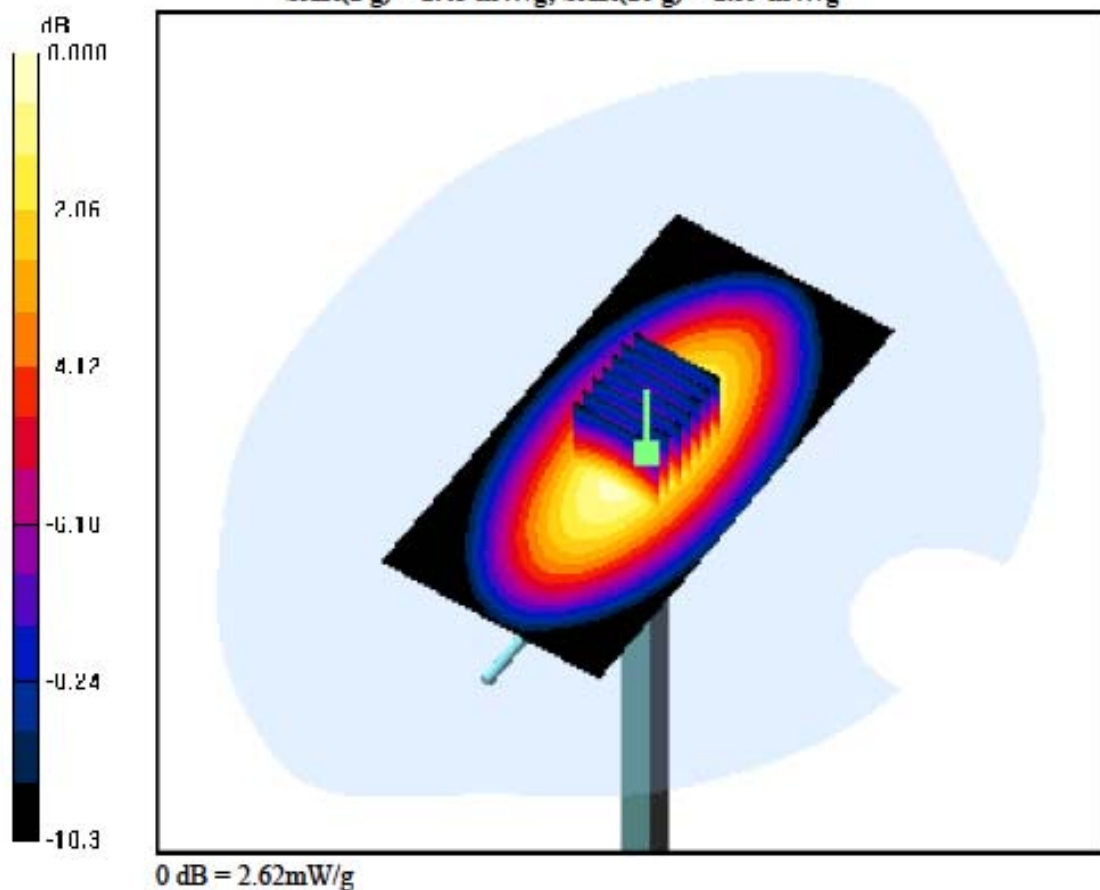
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.036 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.59 mW/g



DIGITAL EMC CO., LTD

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:492

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.951 \text{ mho/m}$; $\epsilon_r = 54.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Dipole Validation

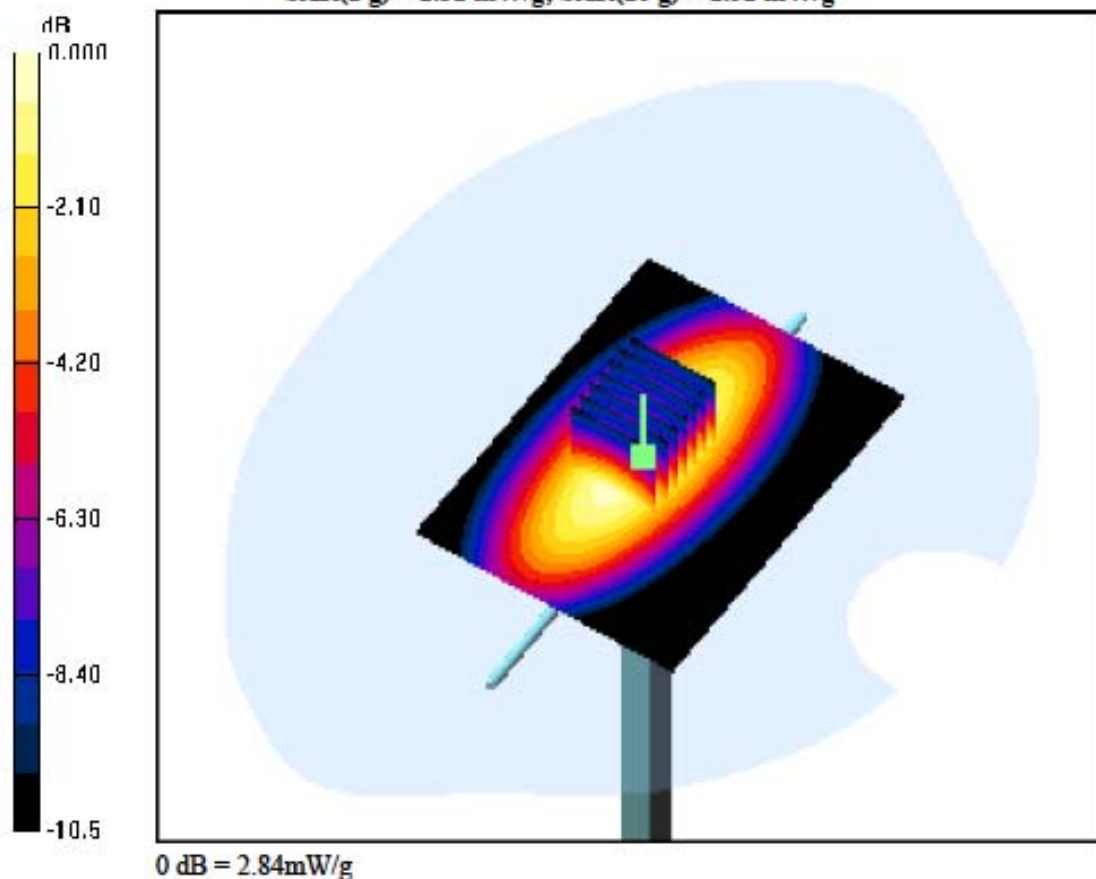
Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.139 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.52 mW/g



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; $\sigma = 1.43$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Dipole Validation

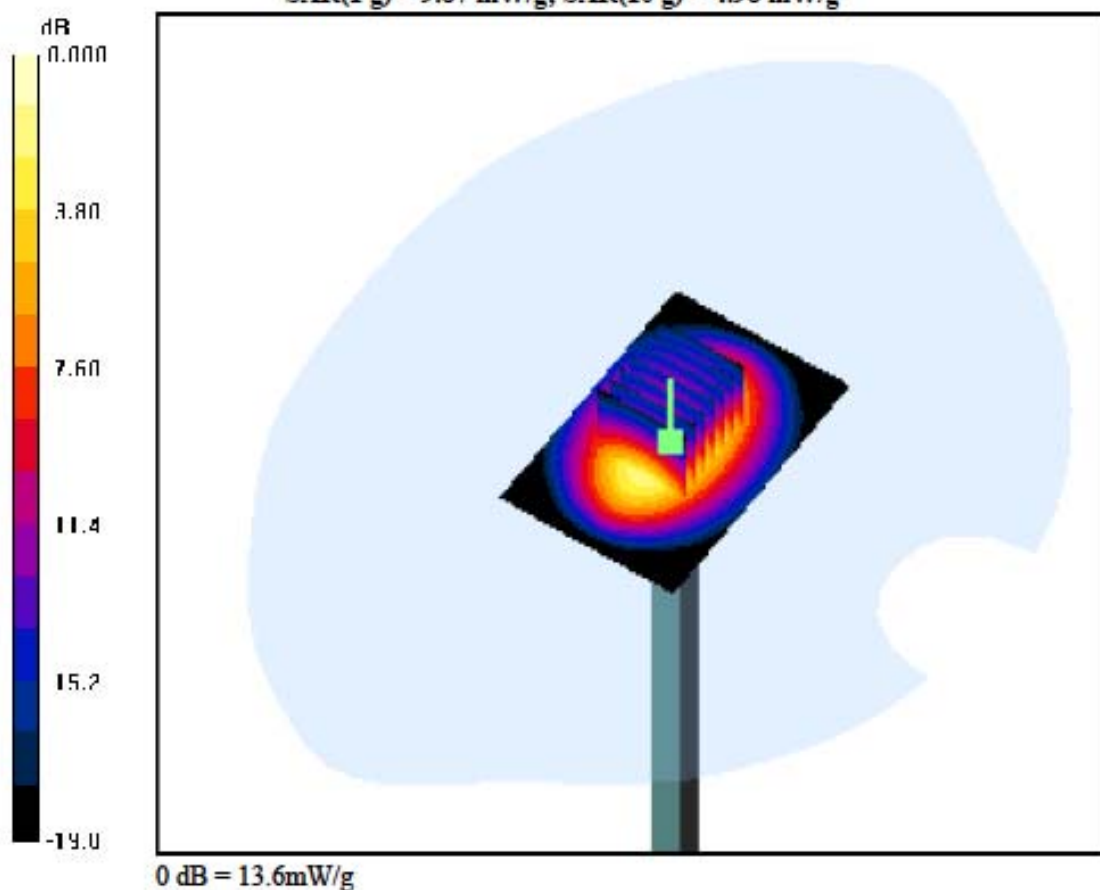
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 9.87 mW/g; SAR(10 g) = 4.98 mW/g



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: $f = 1900 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Dipole Validation

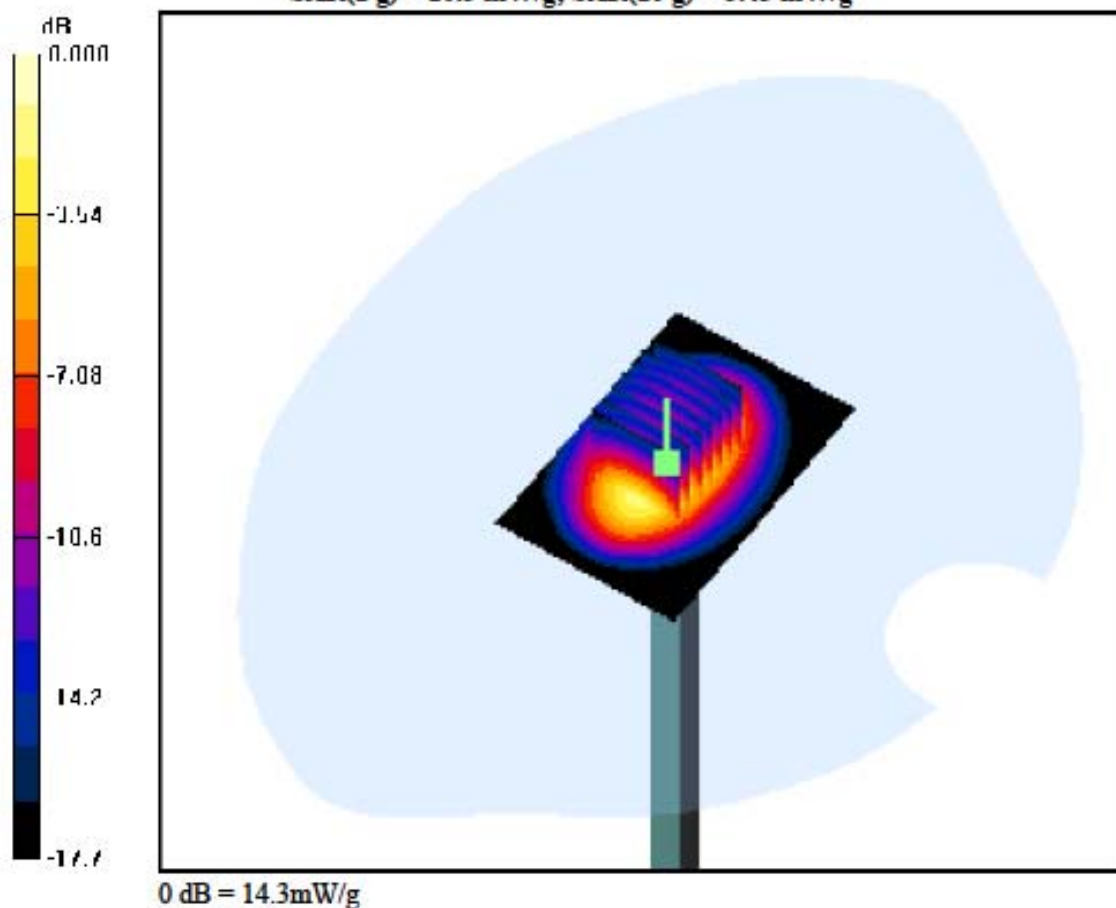
Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.110 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.43 mW/g



Attachment 2. – SAR Test Plots

DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

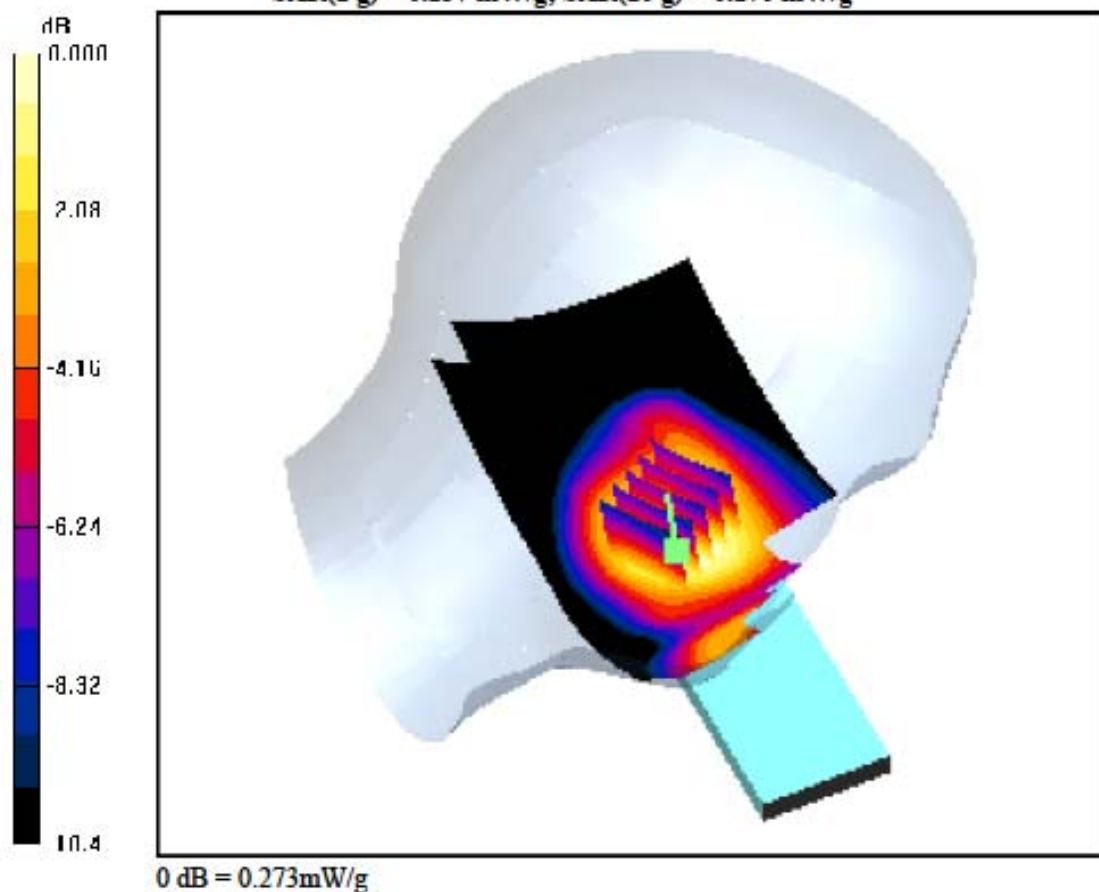
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Left Touch, GSM850 Ch. 190, Ant Internal, Standard Battery

Area Scan (71x161x1): 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 = -0.158 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.170 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

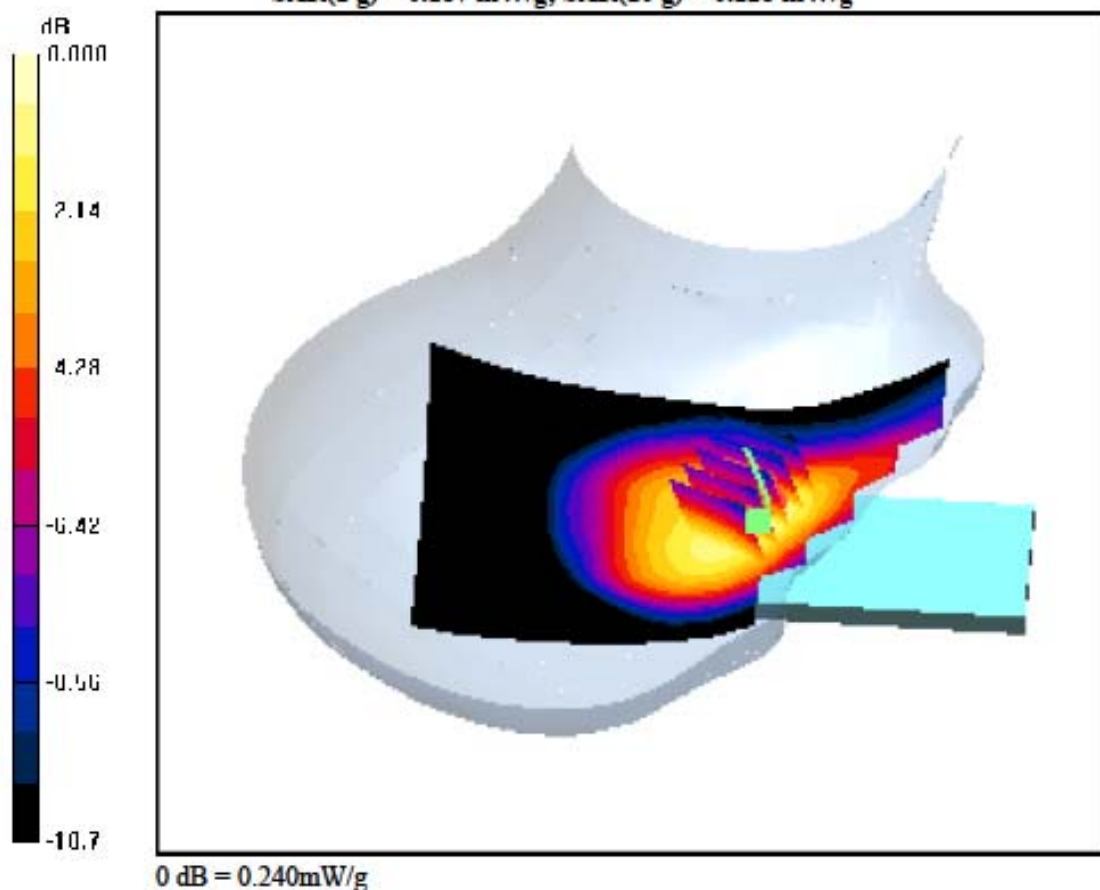
Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Right Touch, GSM850 Ch. 128, Ant Internal, Standard Battery**Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.285 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.128 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

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

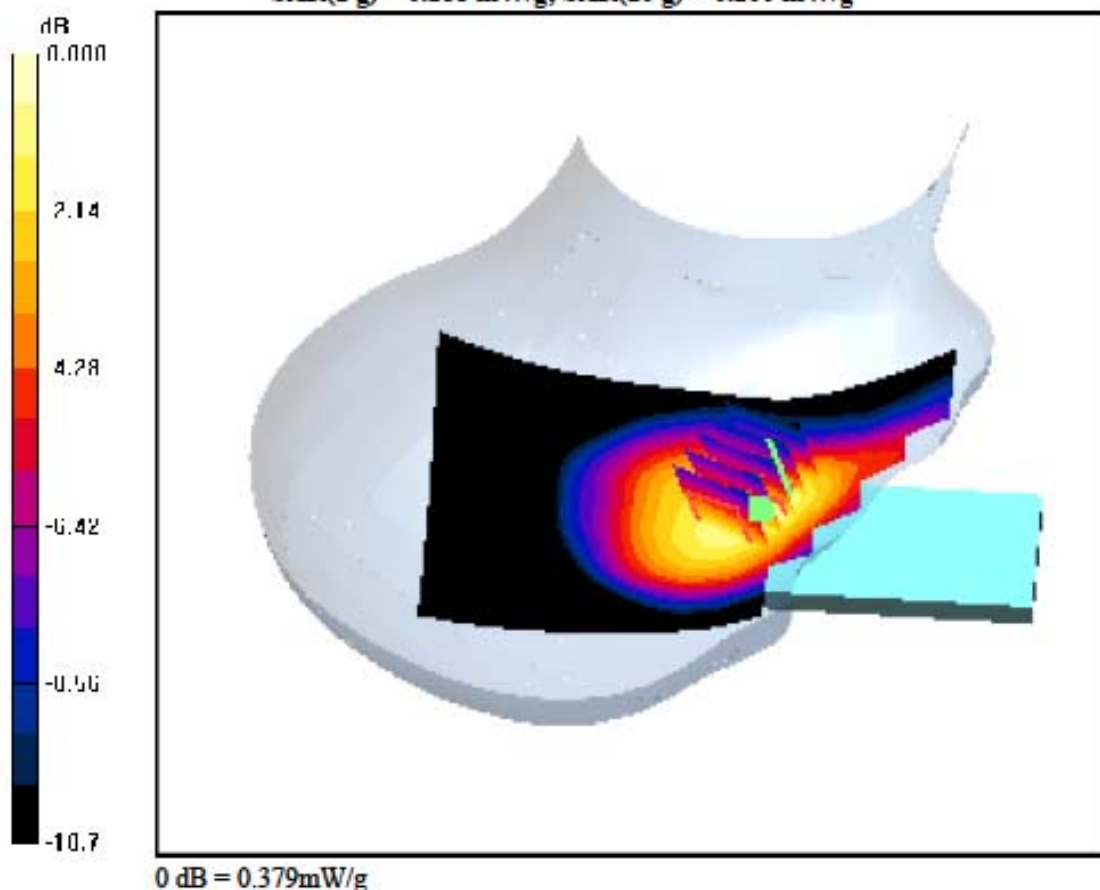
Area Scan (71x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.200 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.903 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

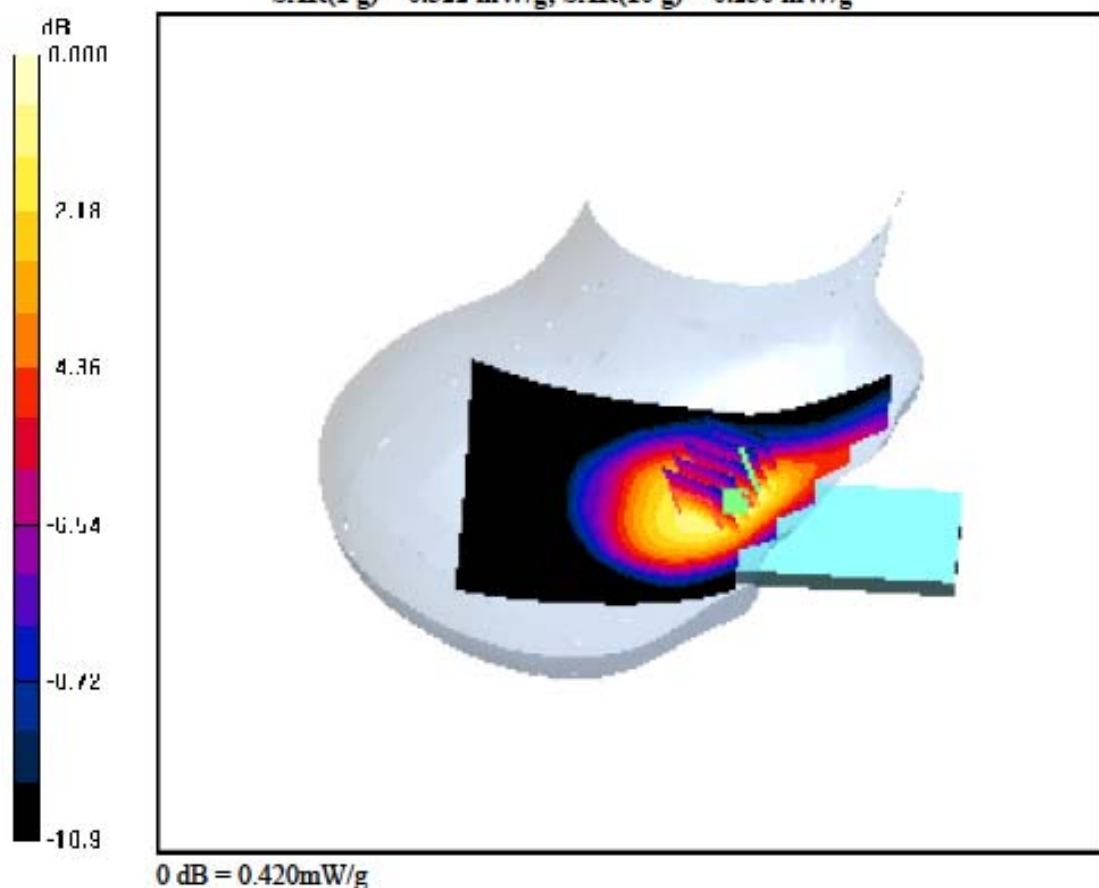
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Right Touch, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (71x161x1): 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 = 0.024 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.230 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

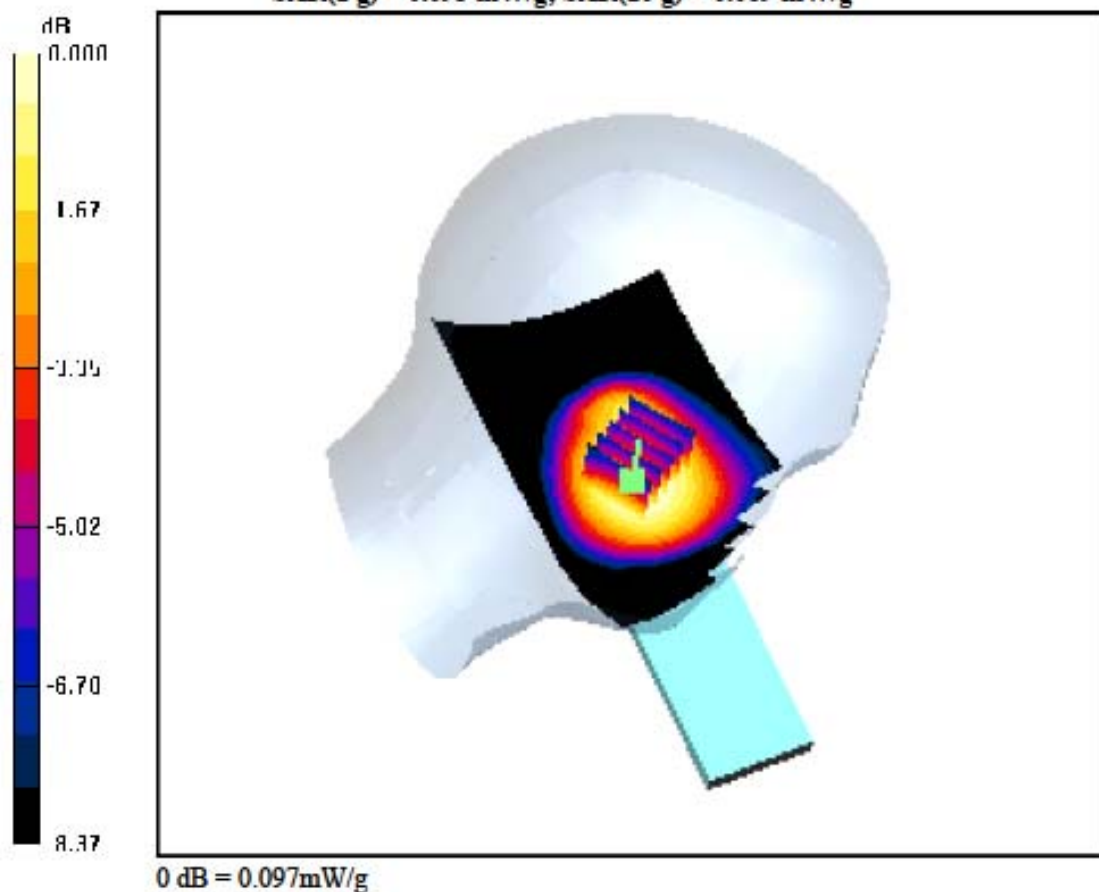
Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Left Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery**Area Scan (71x161x1):** 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 = -0.121 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.069 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

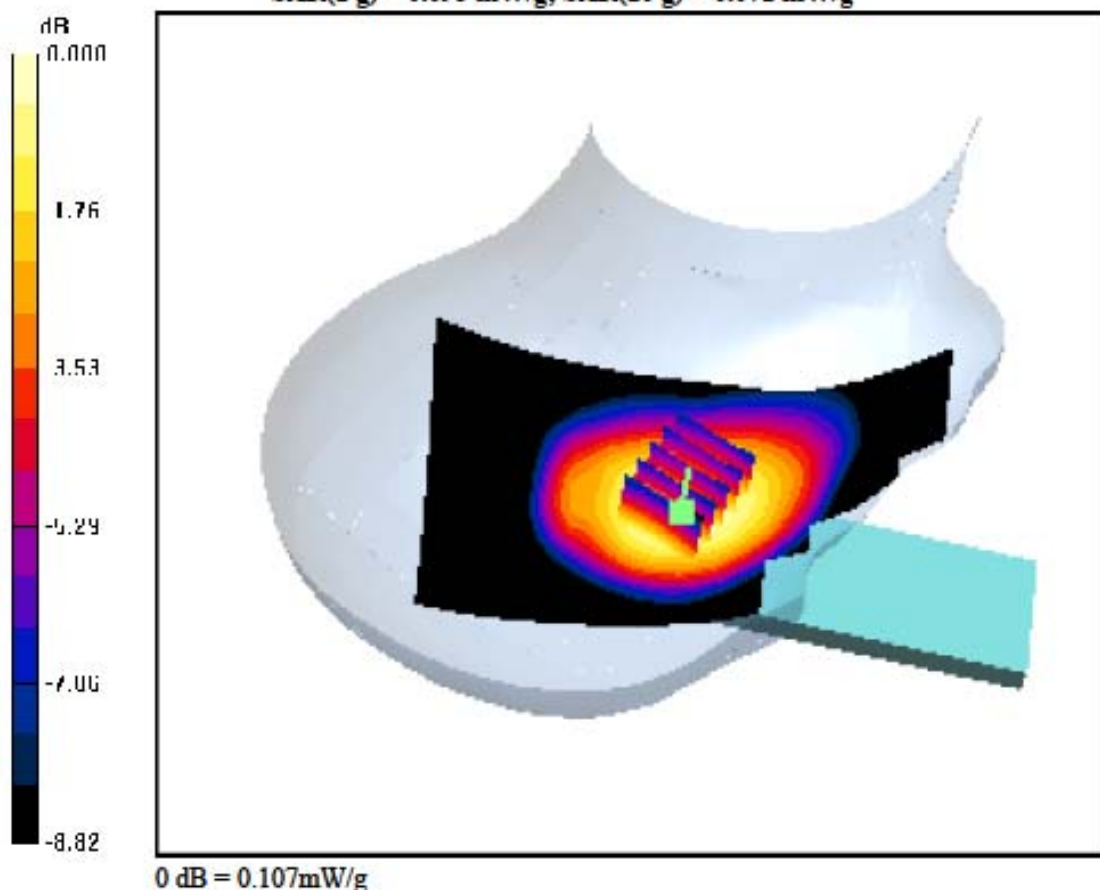
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery

Area Scan (71x161x1): 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 = 0.044 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.071 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

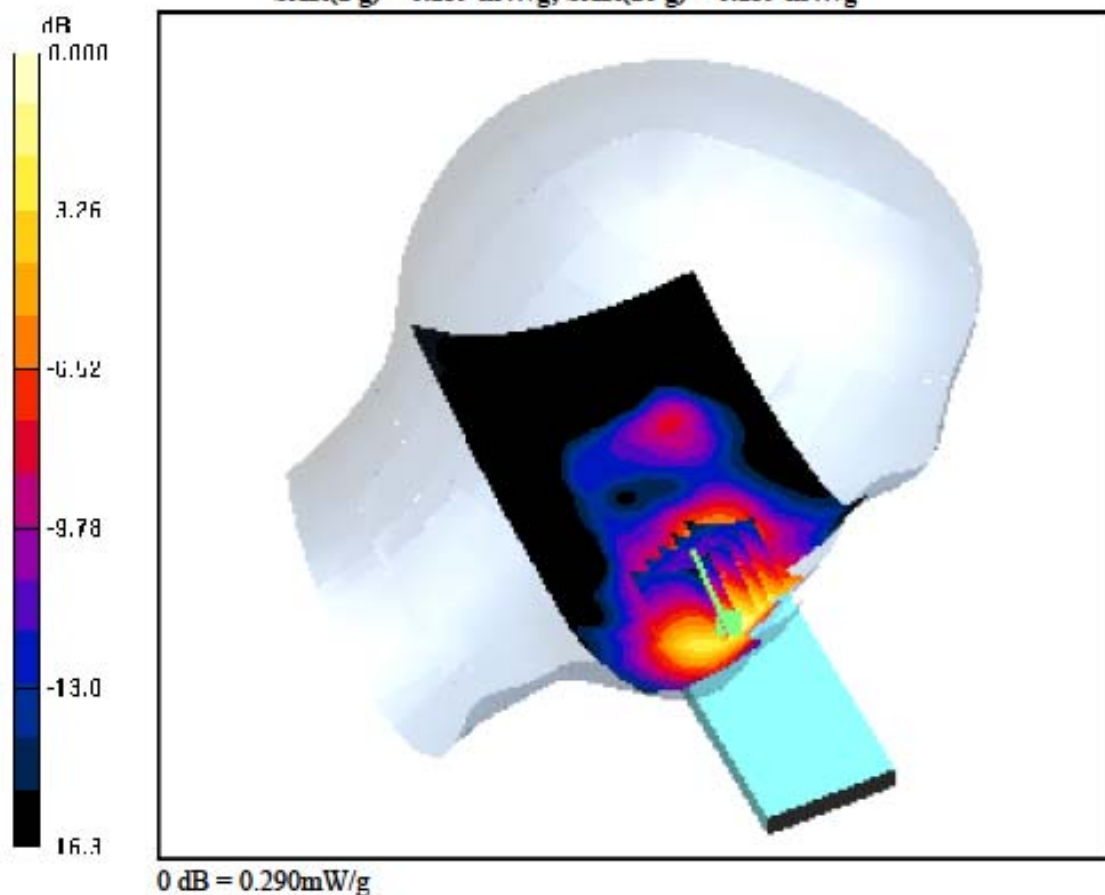
Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Left Touch, PCS1900 Ch. 512, Ant Internal, Standard Battery**Area Scan (71x161x1):** 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 = 0.028 dB

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.139 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

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

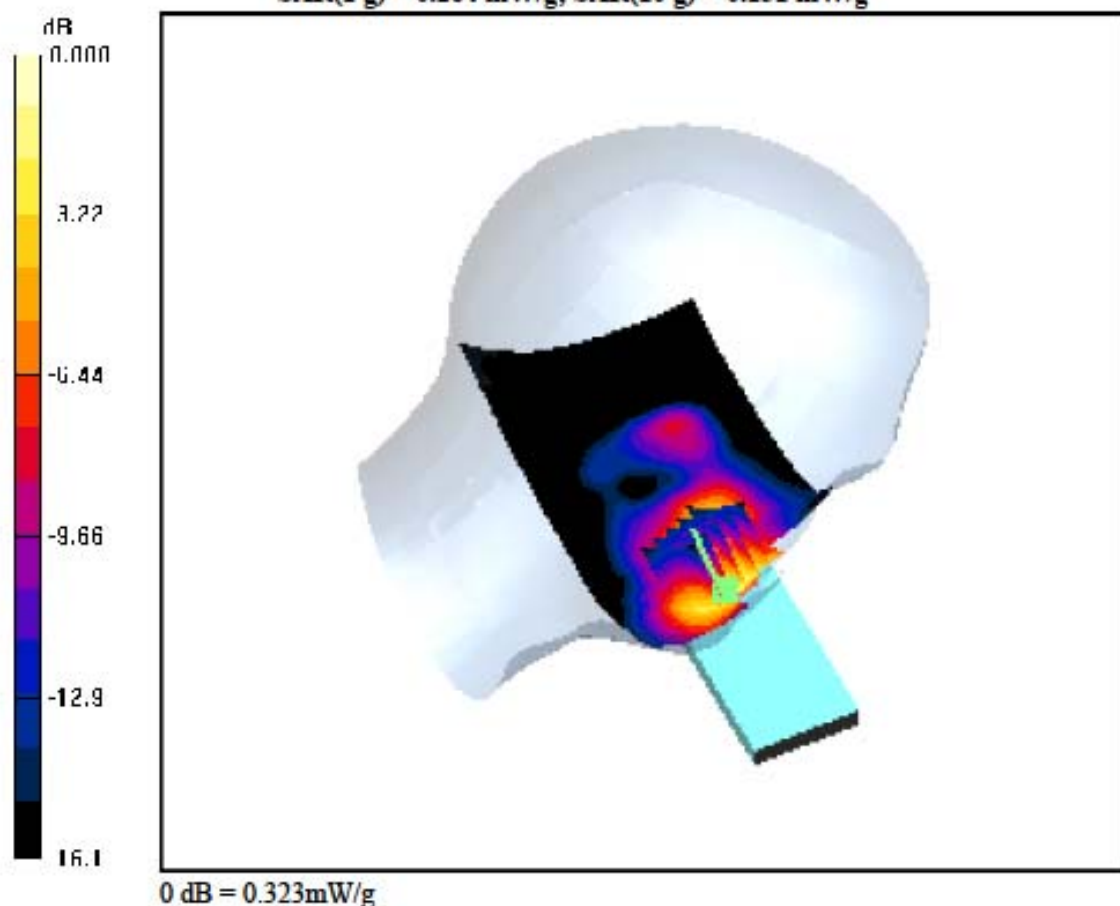
Area Scan (71x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.151 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

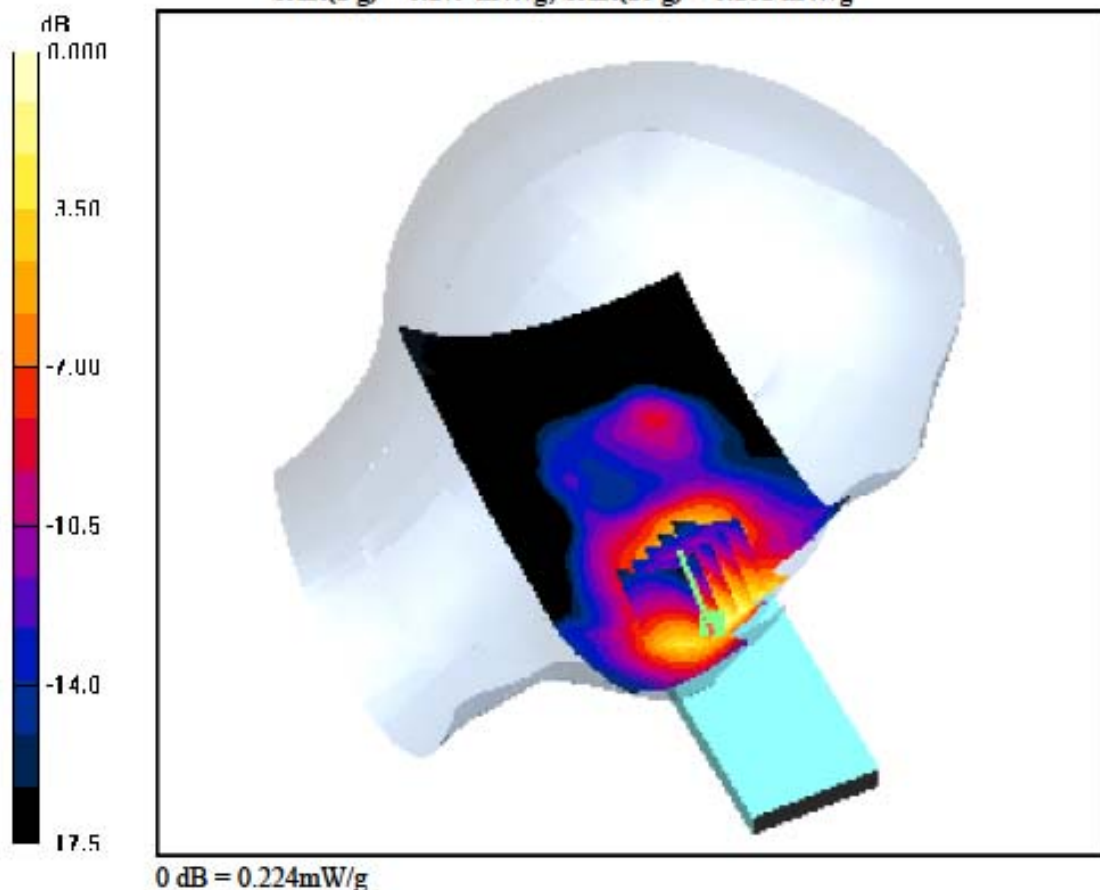
Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery**Area Scan (71x161x1):** 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 = -0.013 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.102 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

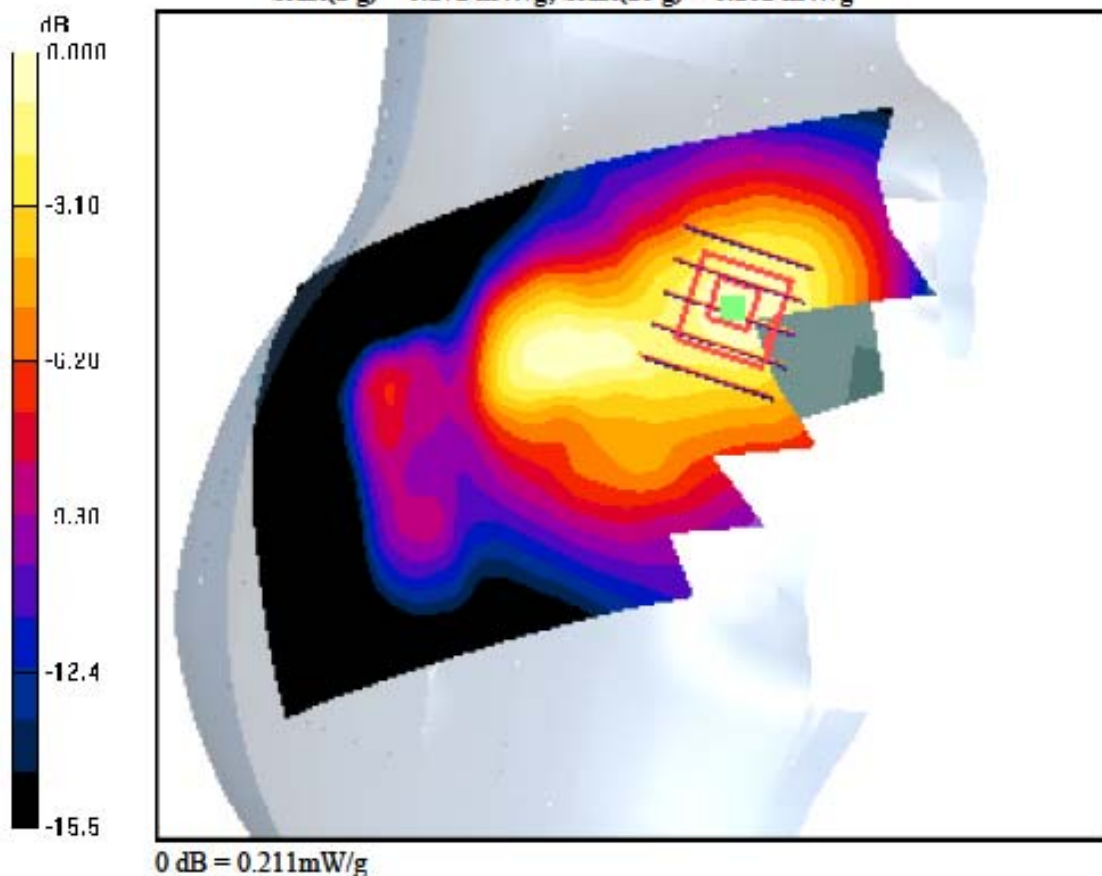
Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Right Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**Area Scan (71x161x1):** 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 = 0.173 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.102 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section**DASY4 Configuration:**

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

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

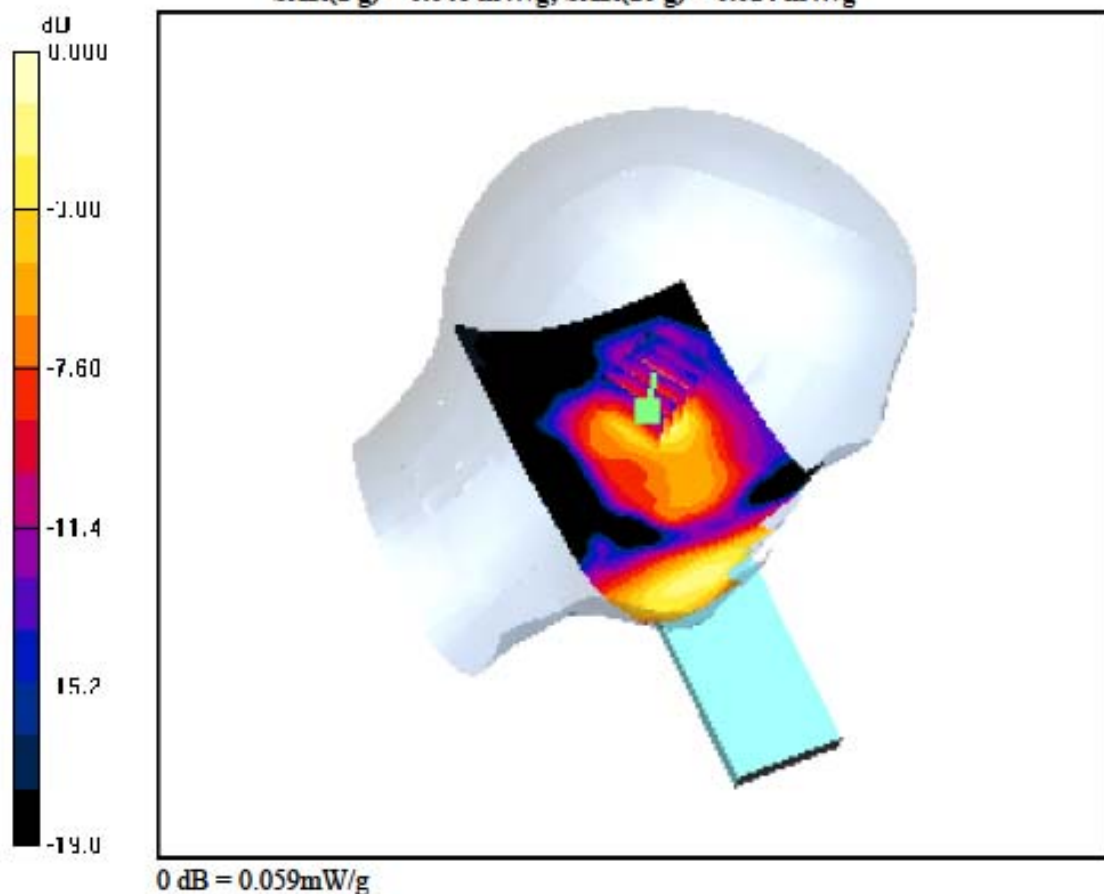
Area Scan (71x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.080 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.024 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

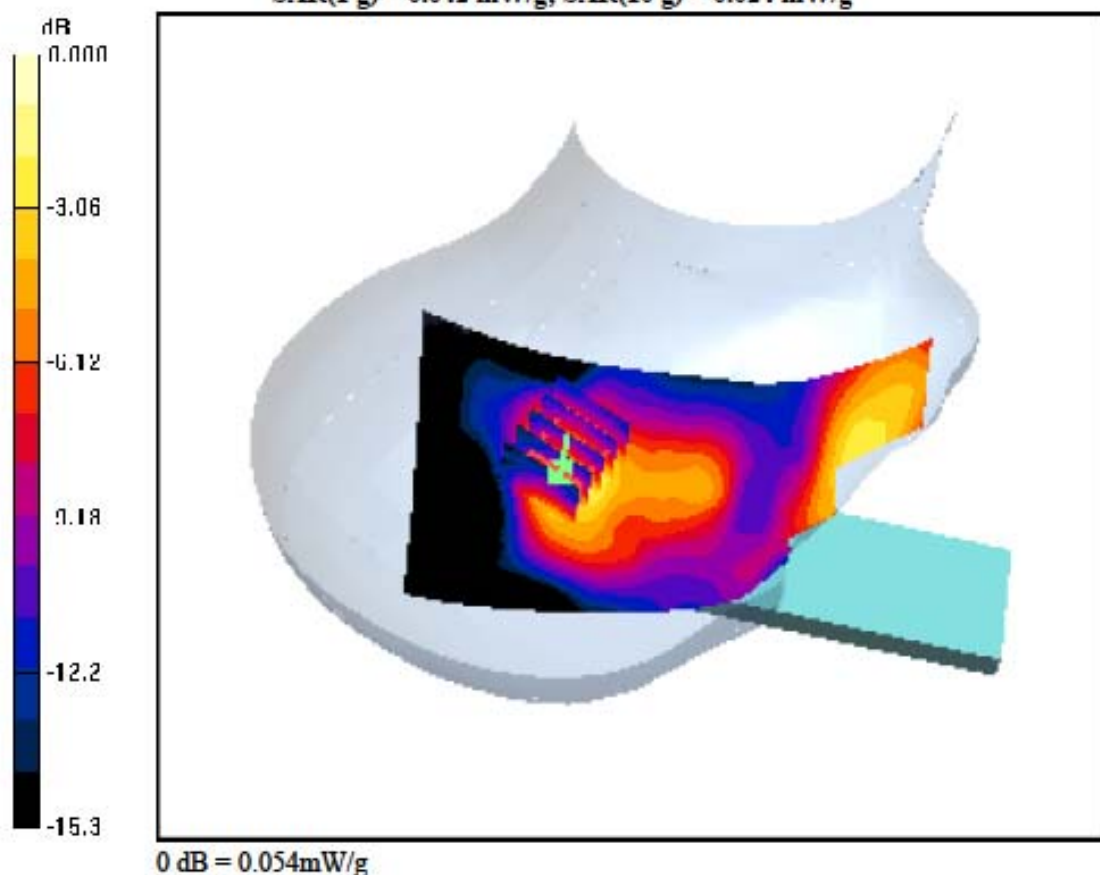
Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Right Tilt, PCS1900 Ch. 661, Ant Internal, Standard Battery**Area Scan (71x161x1):** 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 = 0.303 dB

Peak SAR (extrapolated) = 0.070 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.024 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 Ch. 190, Ant Internal

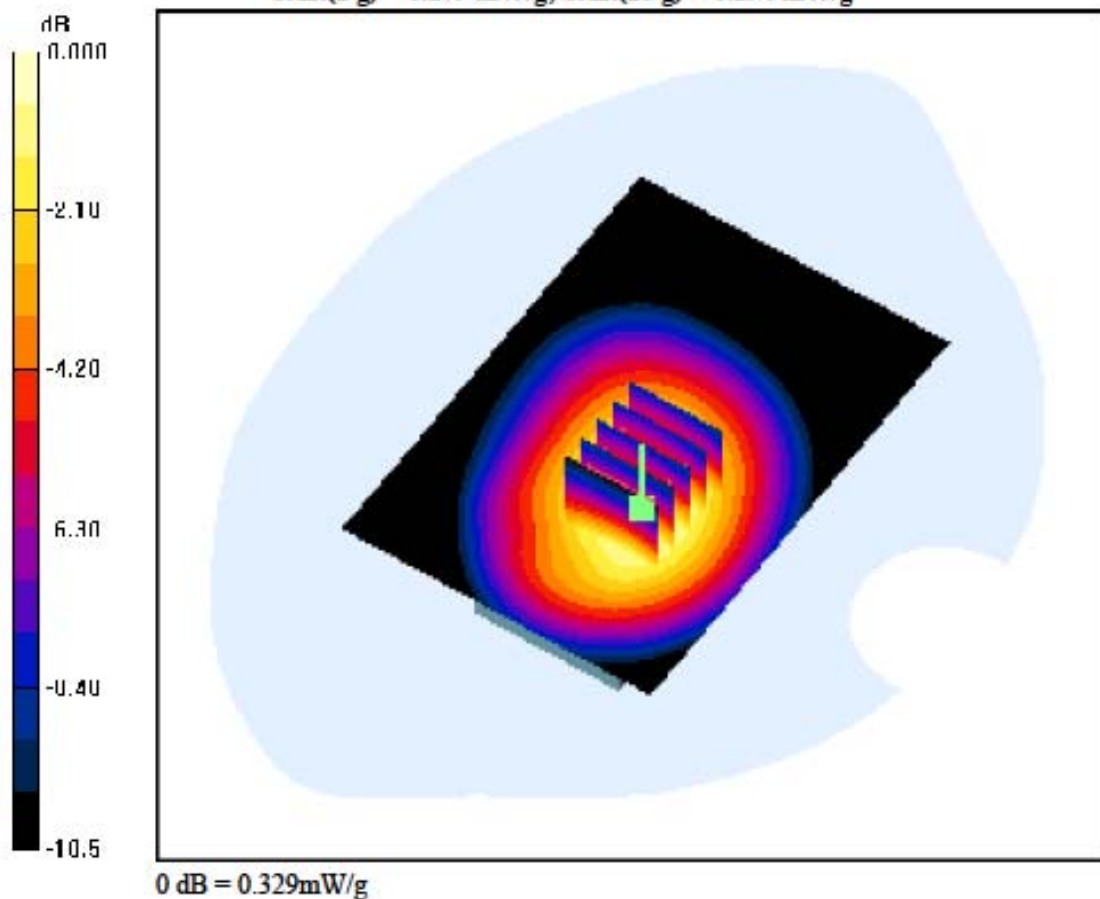
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.194 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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

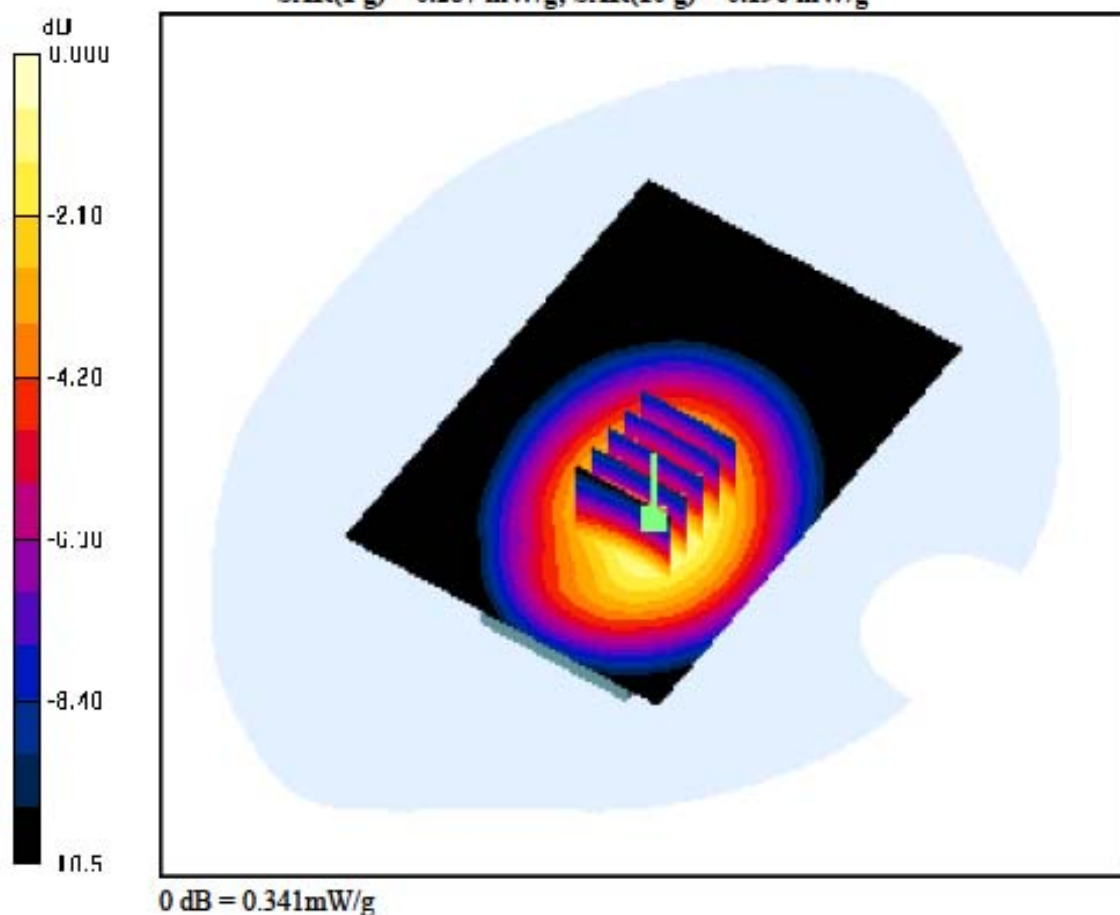
Test Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 8 Ch. 190, Ant Internal**Area Scan (71x101x1):** 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 = -0.015 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.196 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 10 Ch. 190, Ant Internal

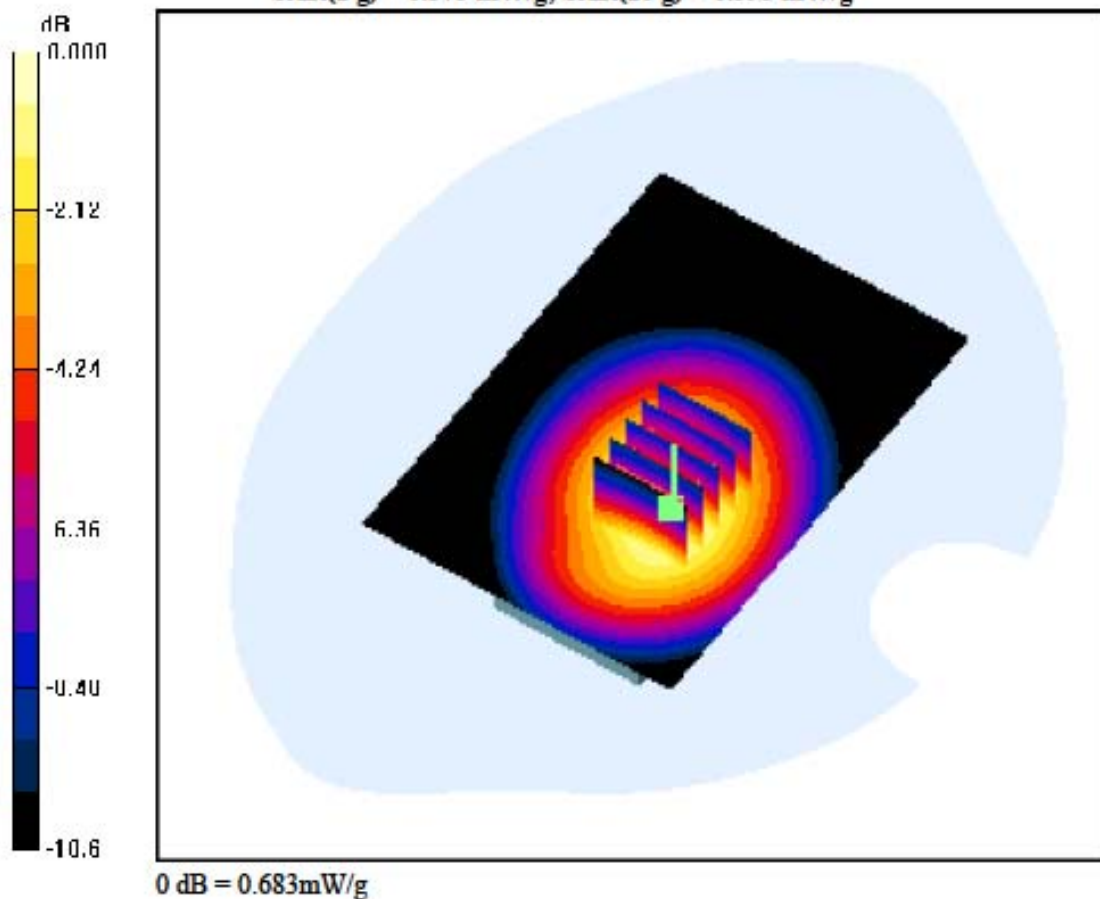
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.816 W/kg

SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.395 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 11 Ch. 190, Ant Internal

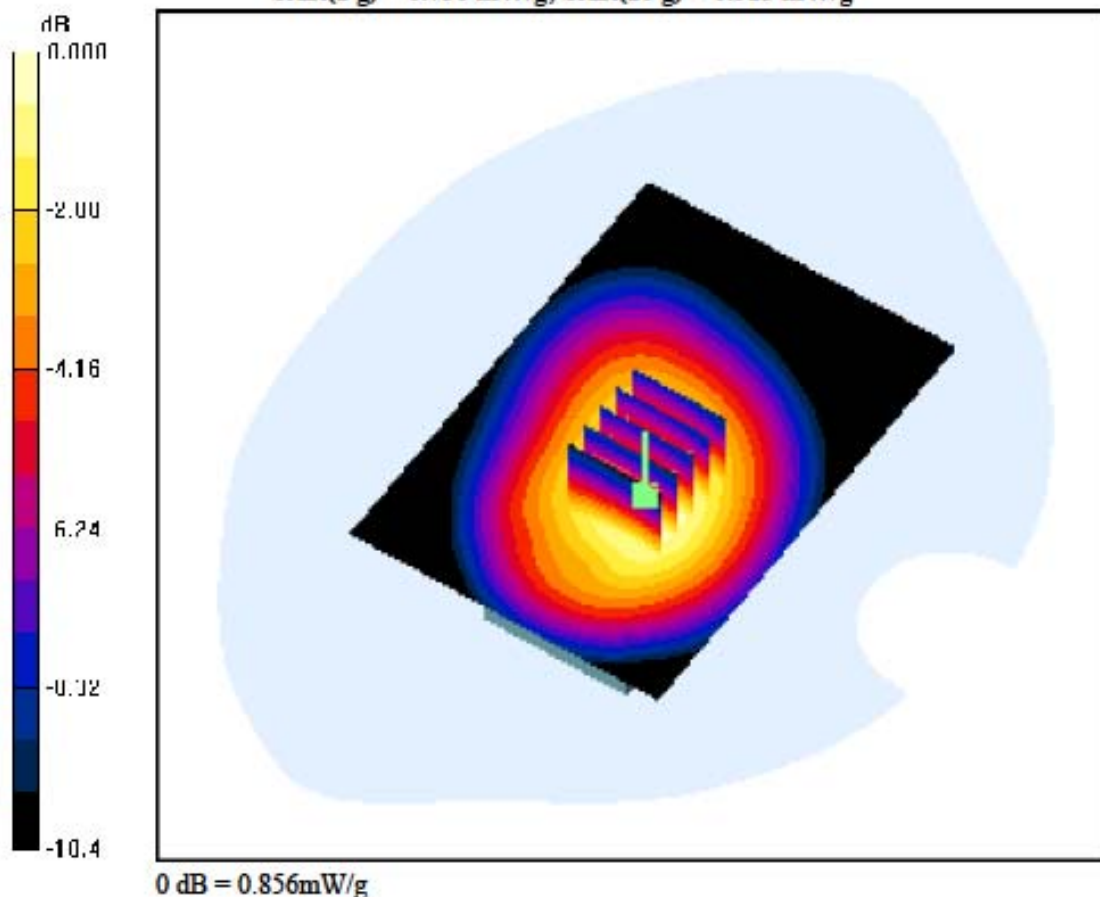
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.01 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.513 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 12 Ch. 128, Ant Internal

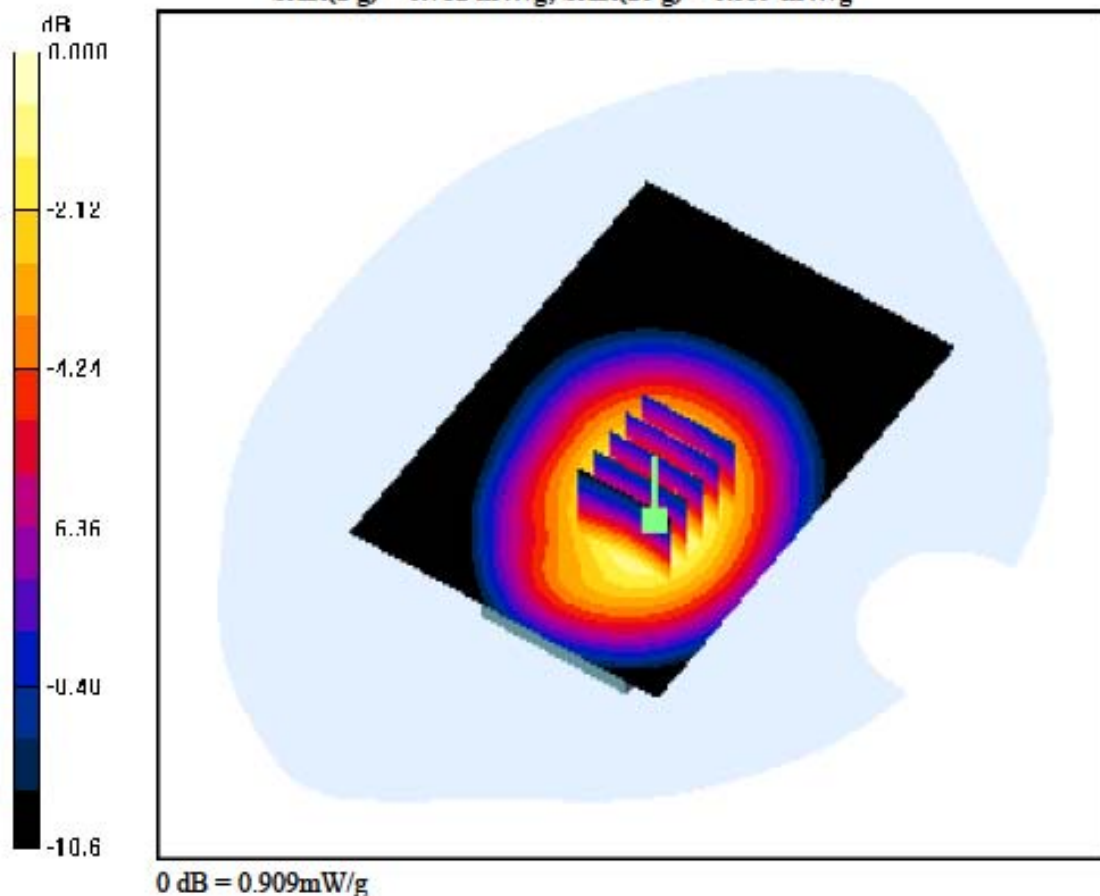
Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.344 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.782 mW/g; SAR(10 g) = 0.539 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 12 Ch. 190, Ant Internal

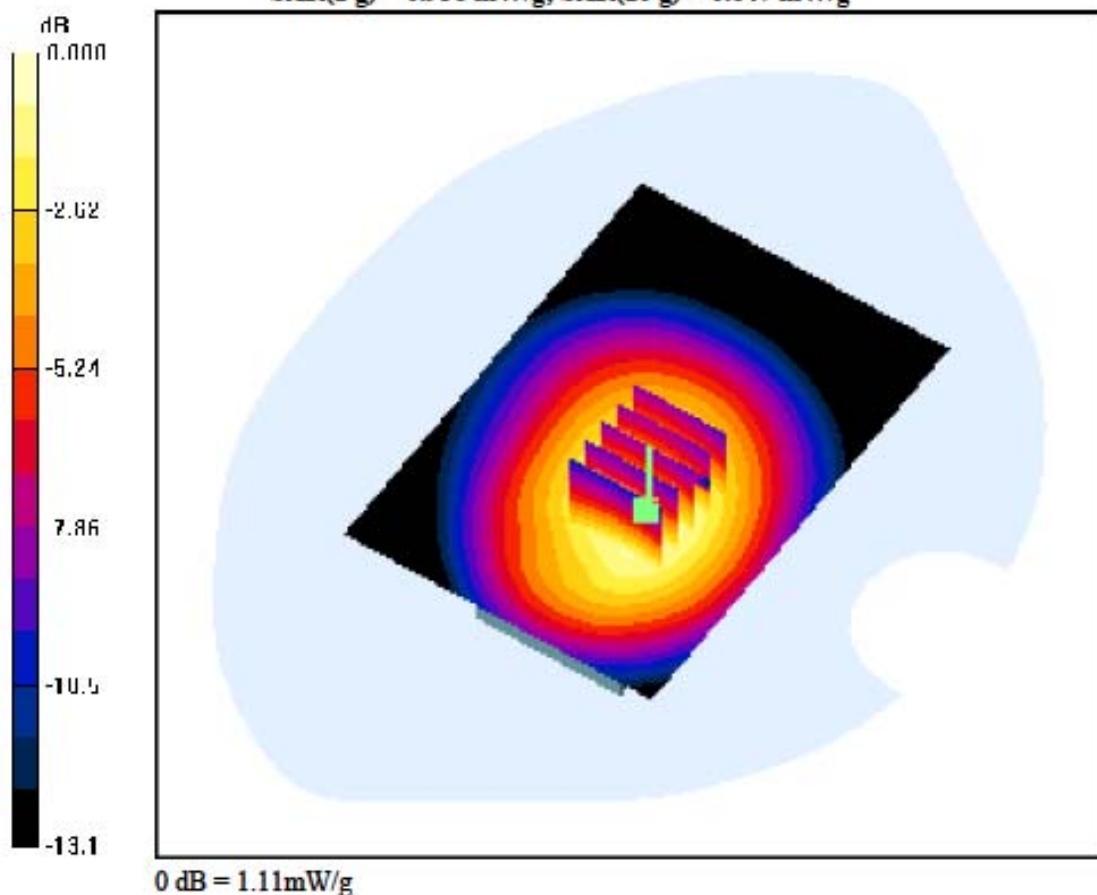
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.242 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.647 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.995 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 12 Ch. 251, Ant Internal

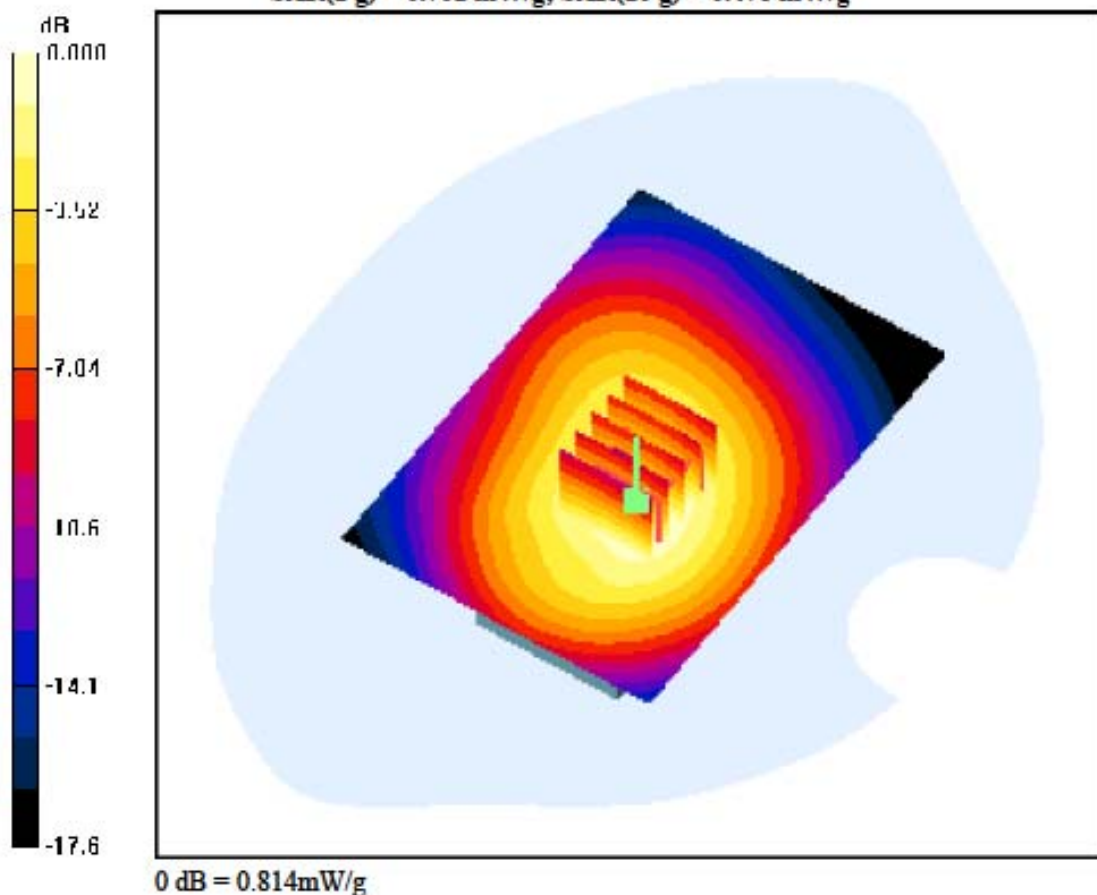
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.476 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Front, GSM850 GPRS Class 12 Ch. 190, Ant Internal

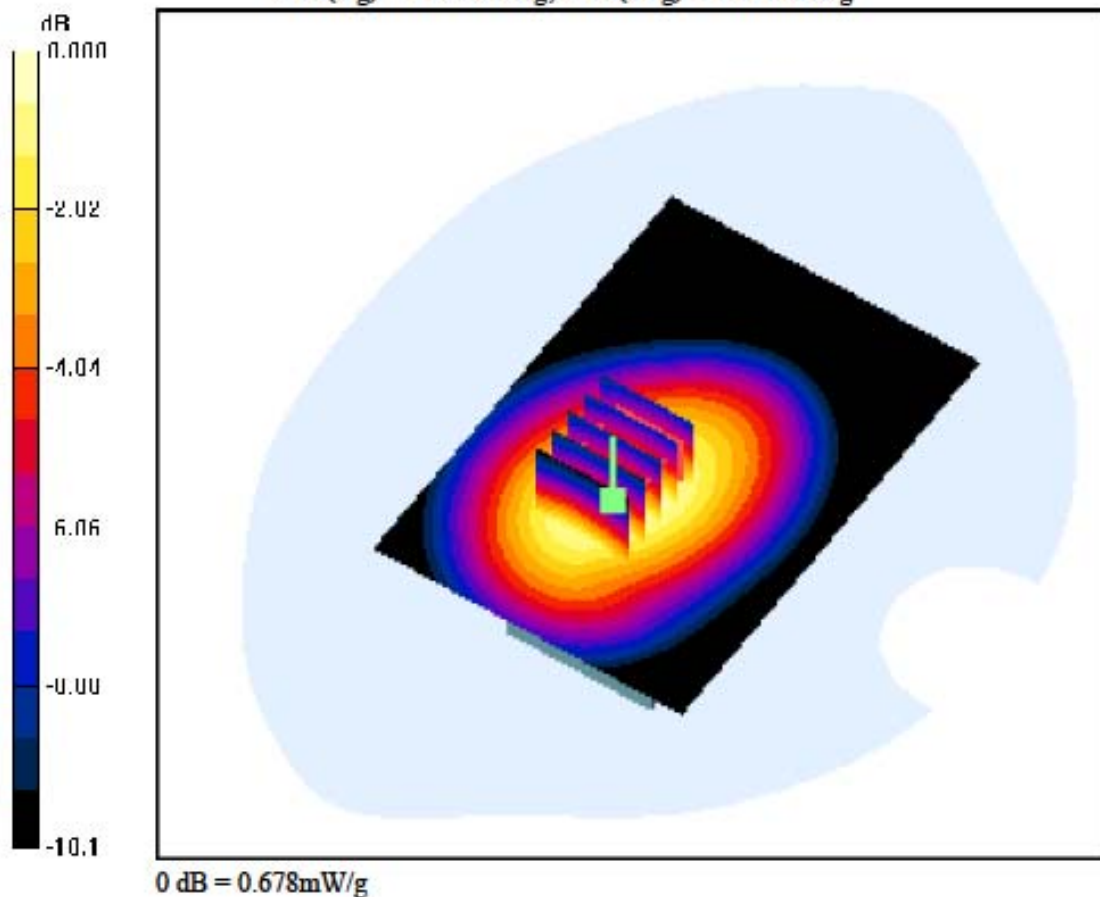
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.800 W/kg

SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.411 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

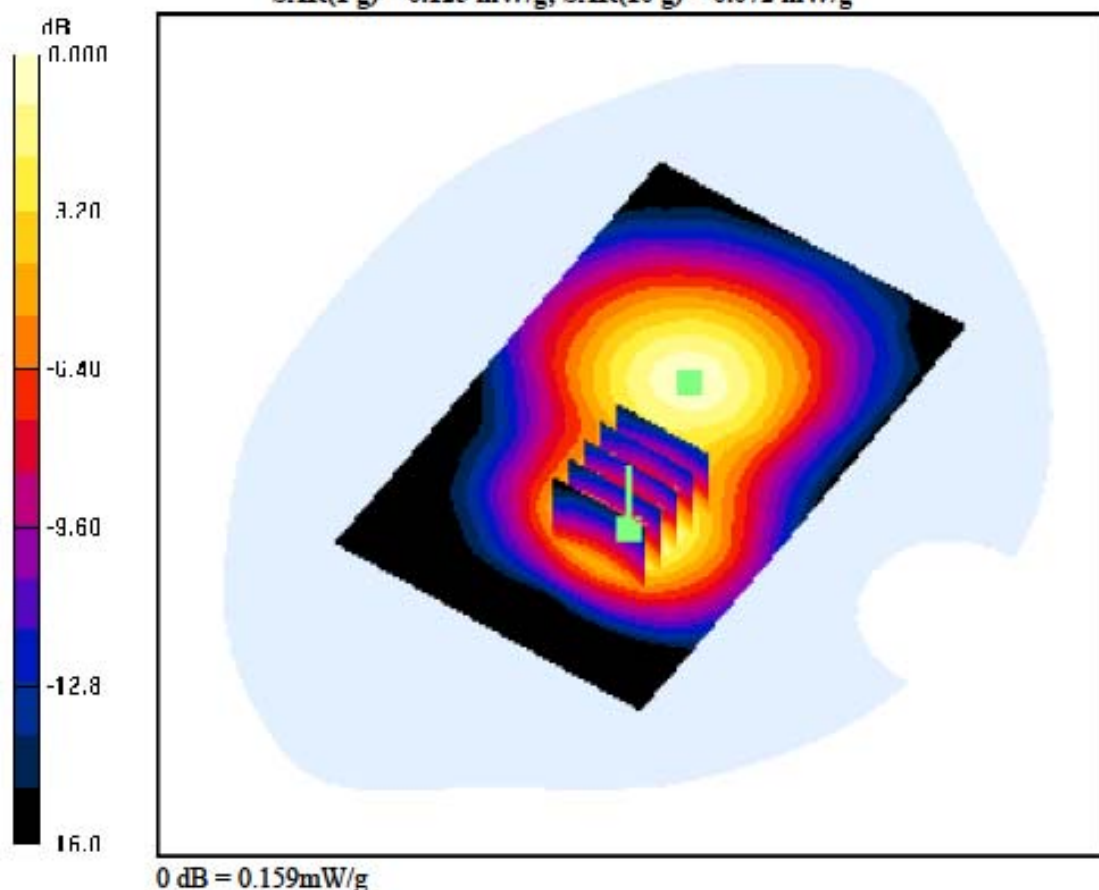
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.072 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 Ch. 661, Ant Internal

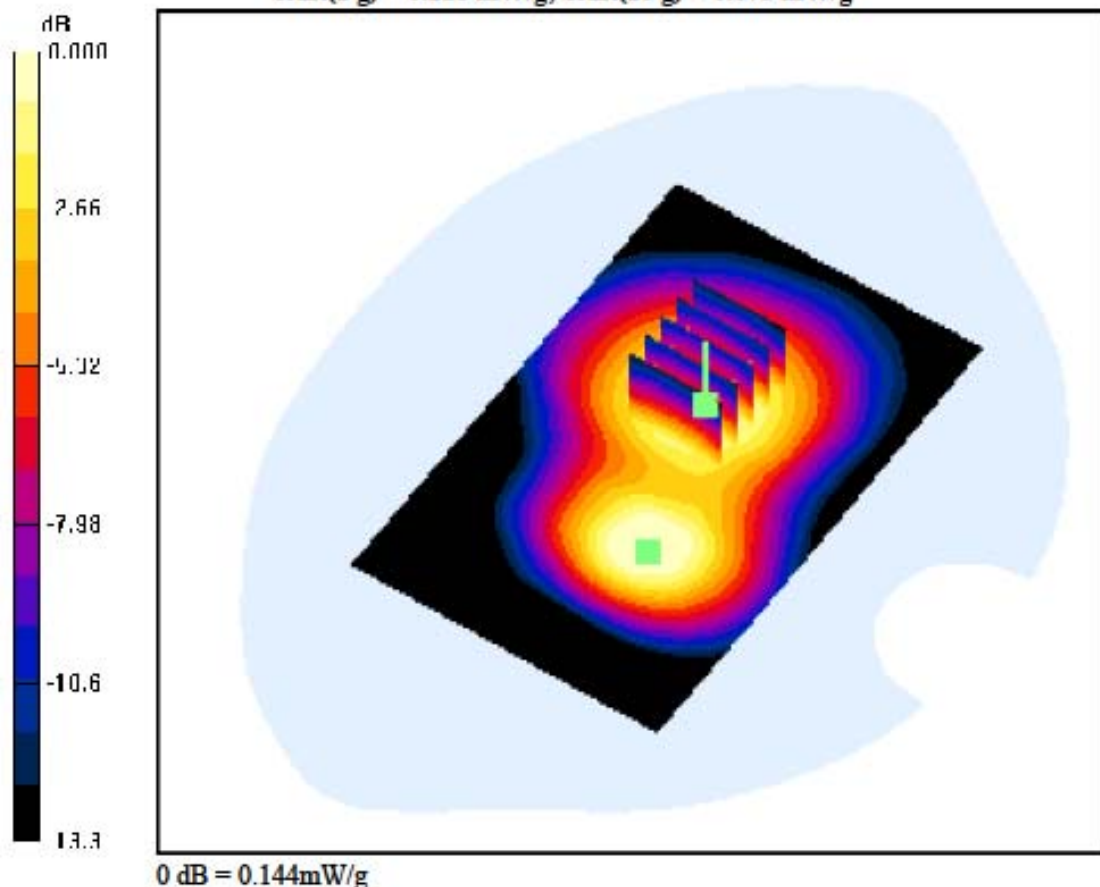
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.075 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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

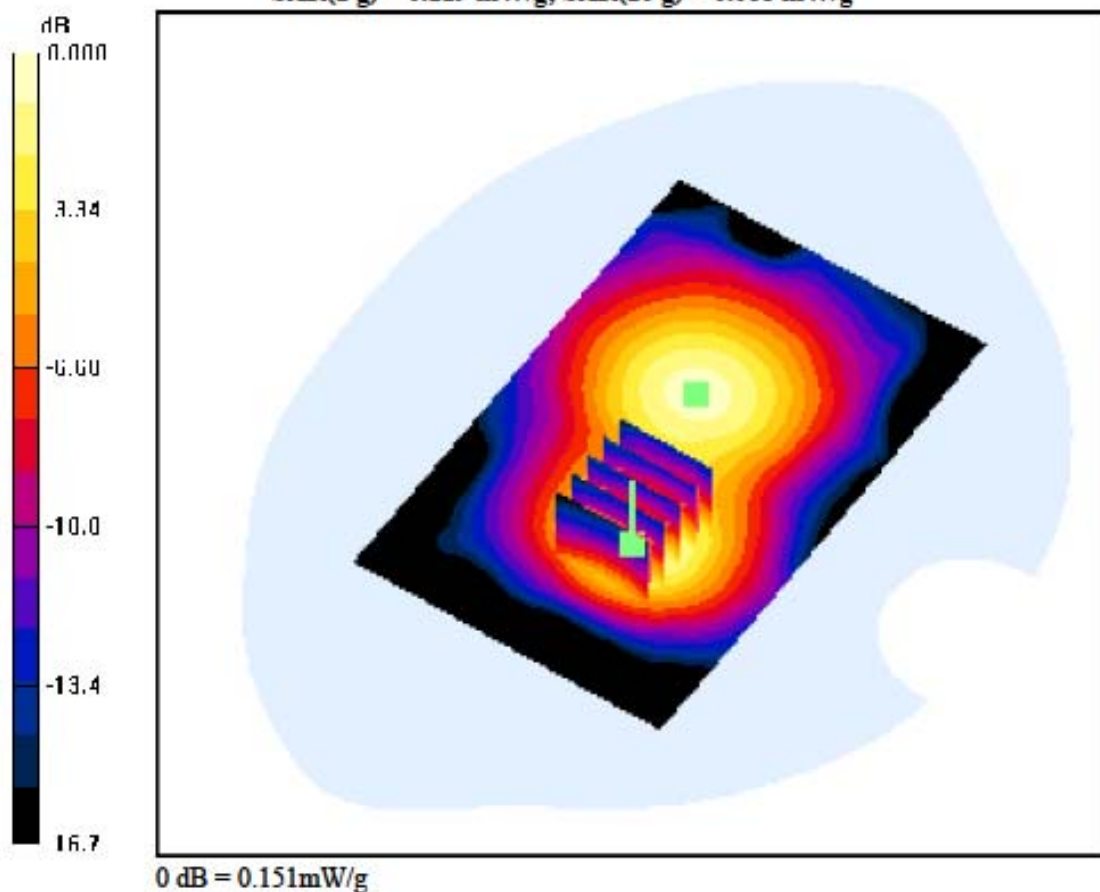
Test Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 8 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 = -0.039 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.068 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 8 Ch. 661, Ant Internal

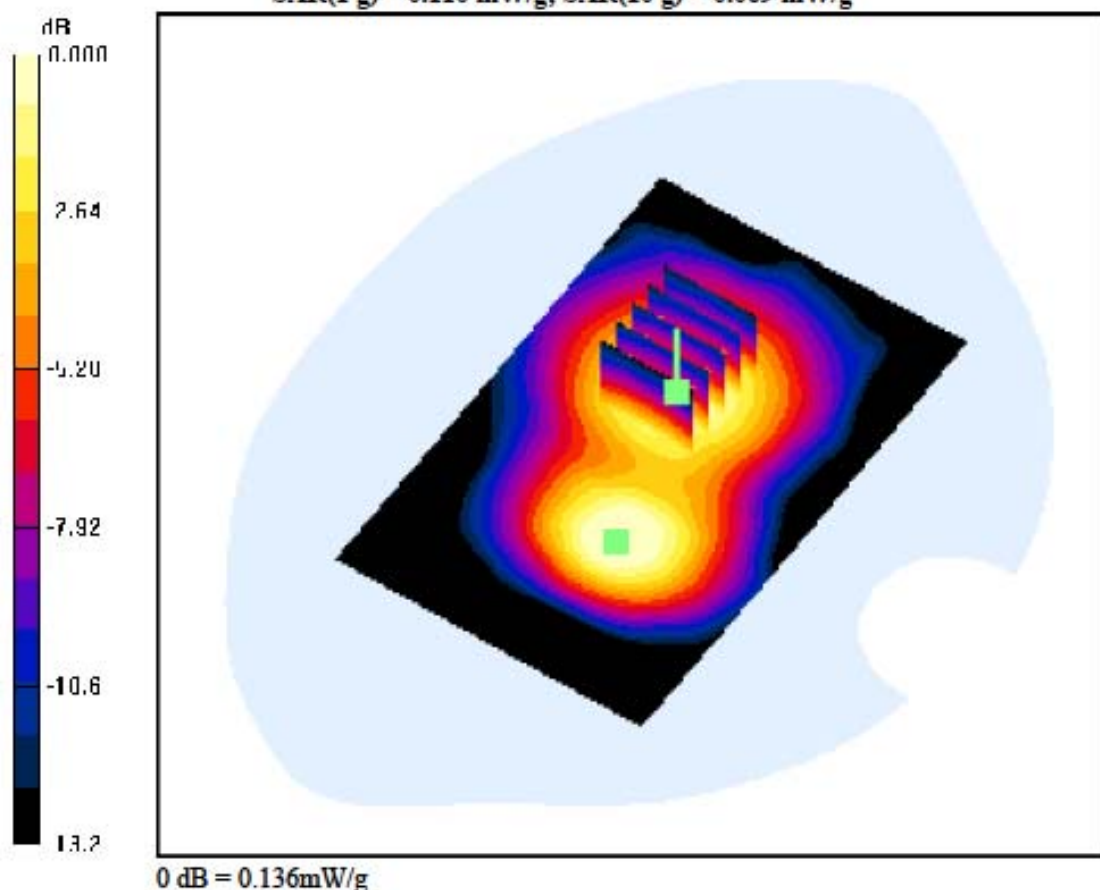
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.069 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 10 Ch. 661, Ant Internal

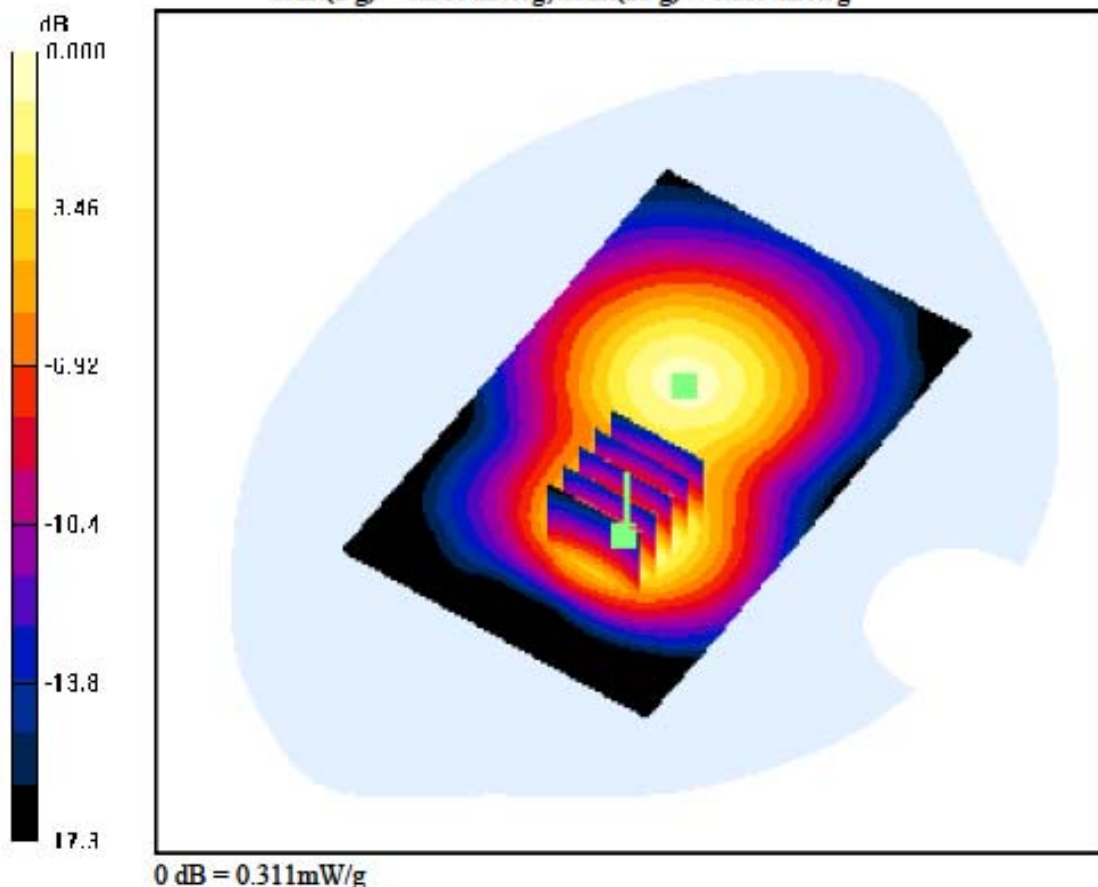
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.139 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 10 Ch. 661, Ant Internal

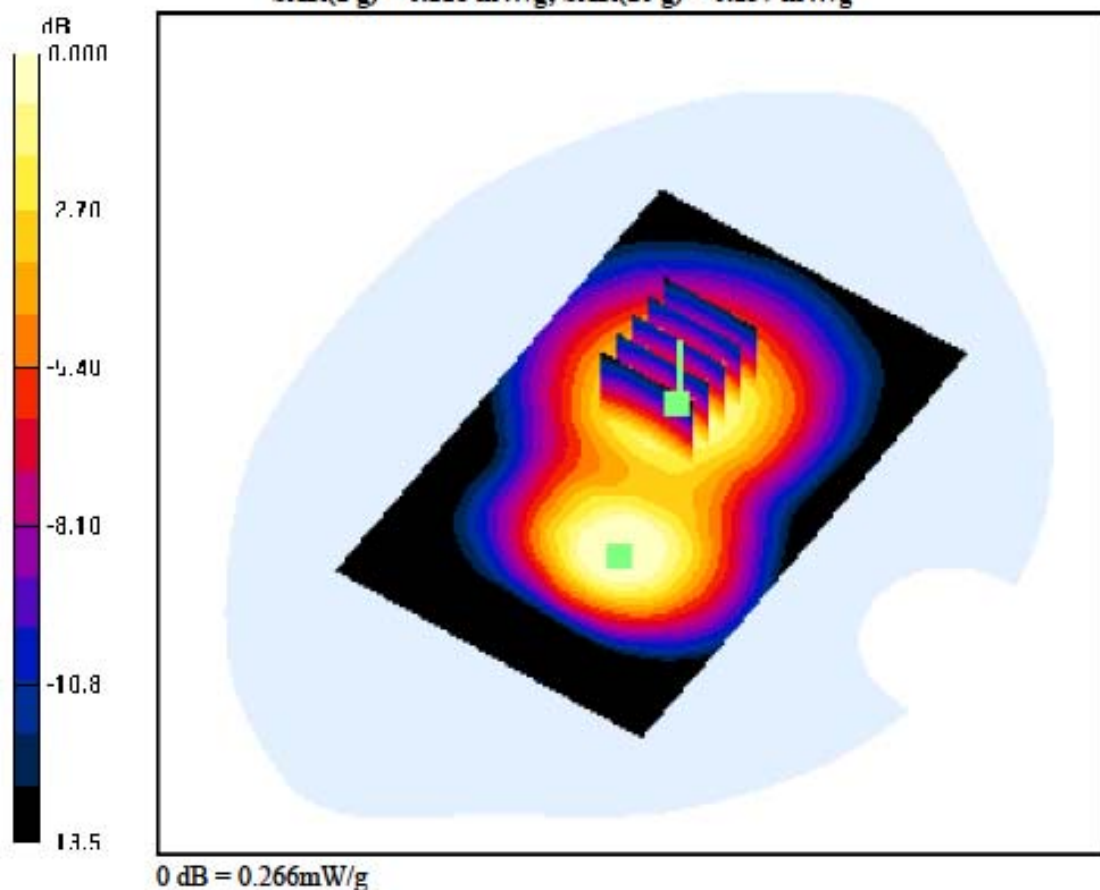
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = 0.062 dB

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.137 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 512, Ant Internal

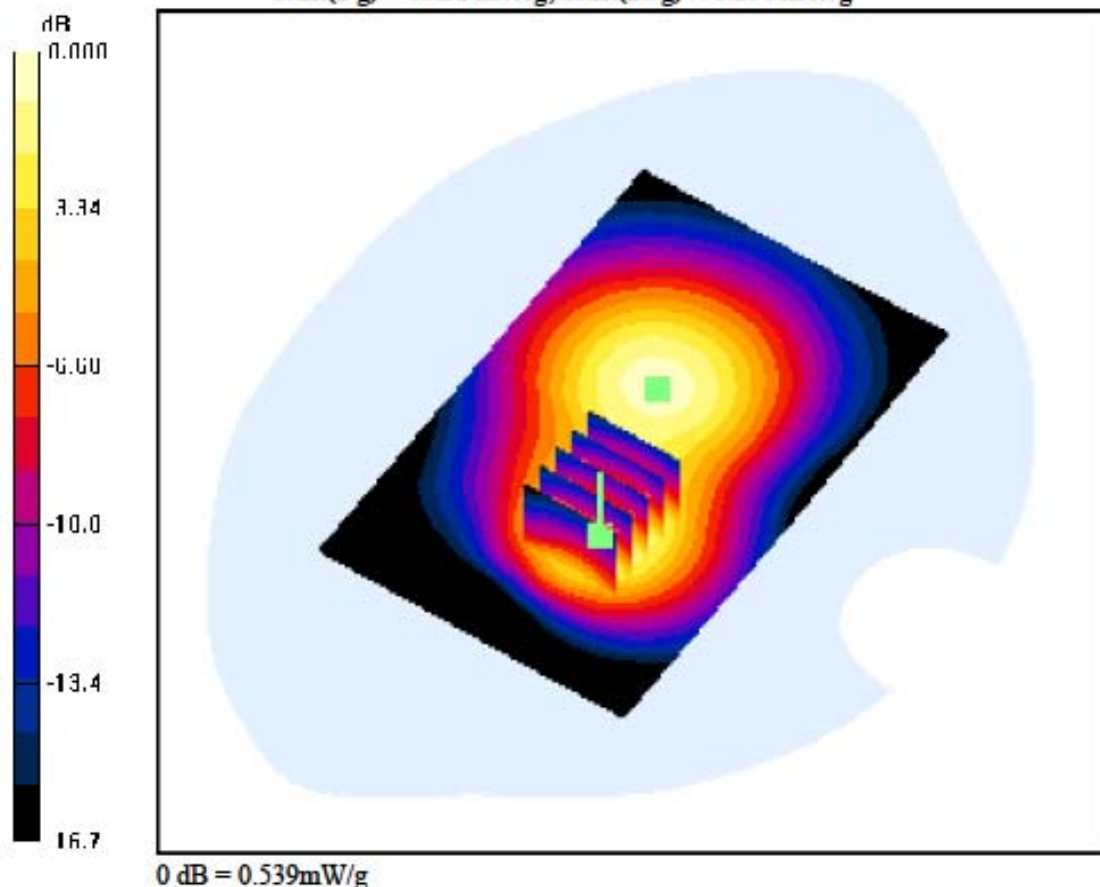
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.244 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 512, Ant Internal

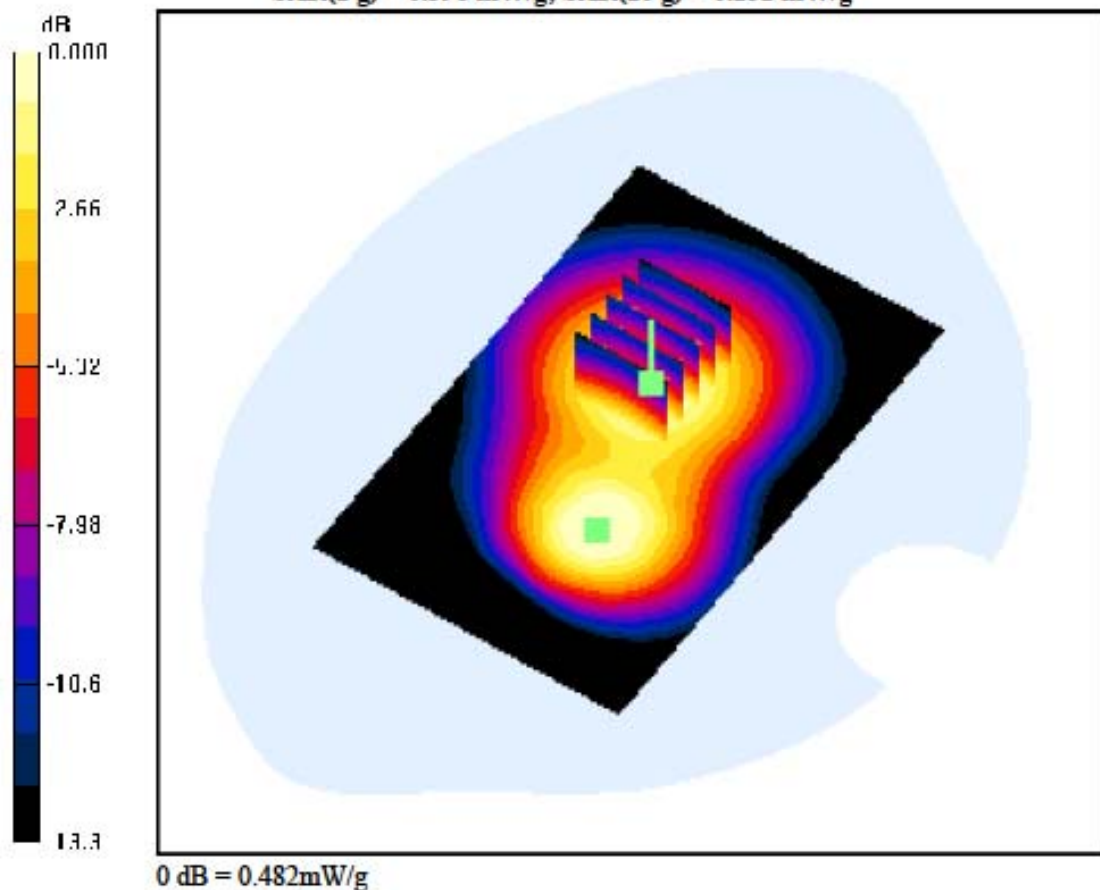
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.252 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 661, Ant Internal

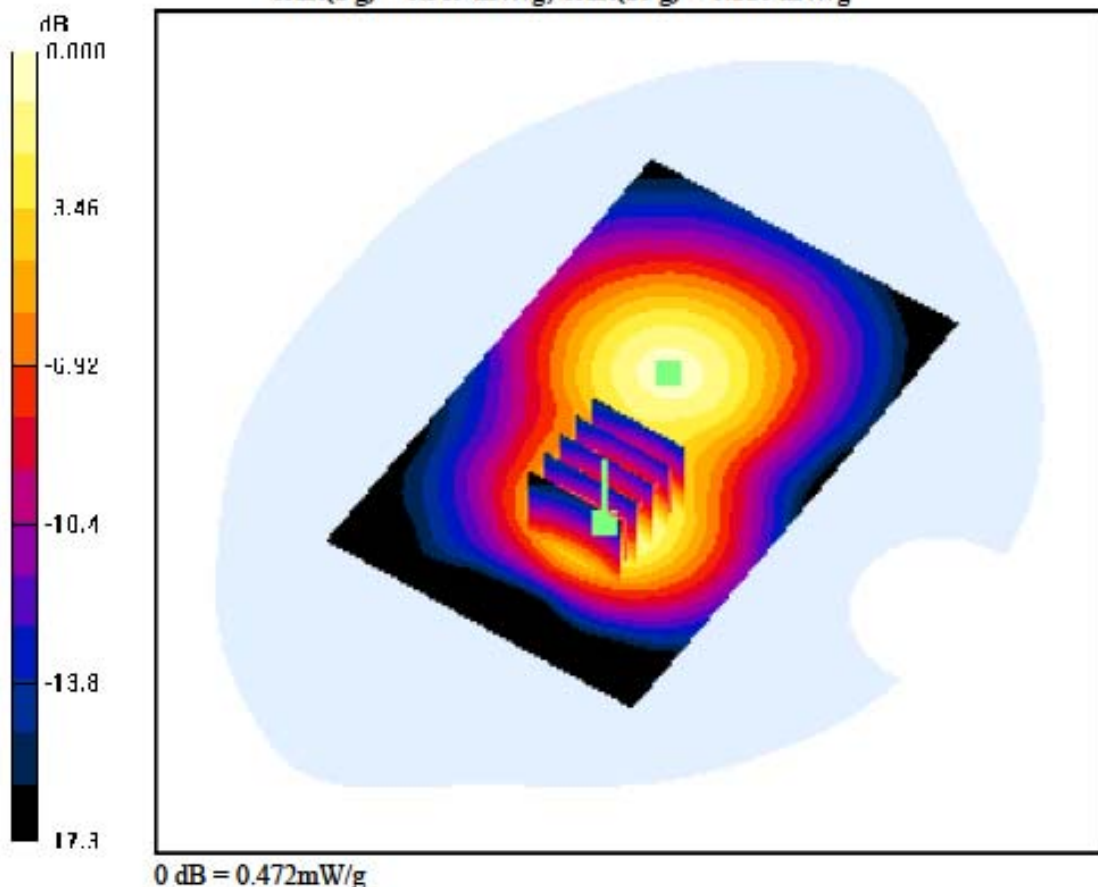
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.619 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.210 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 661, Ant Internal

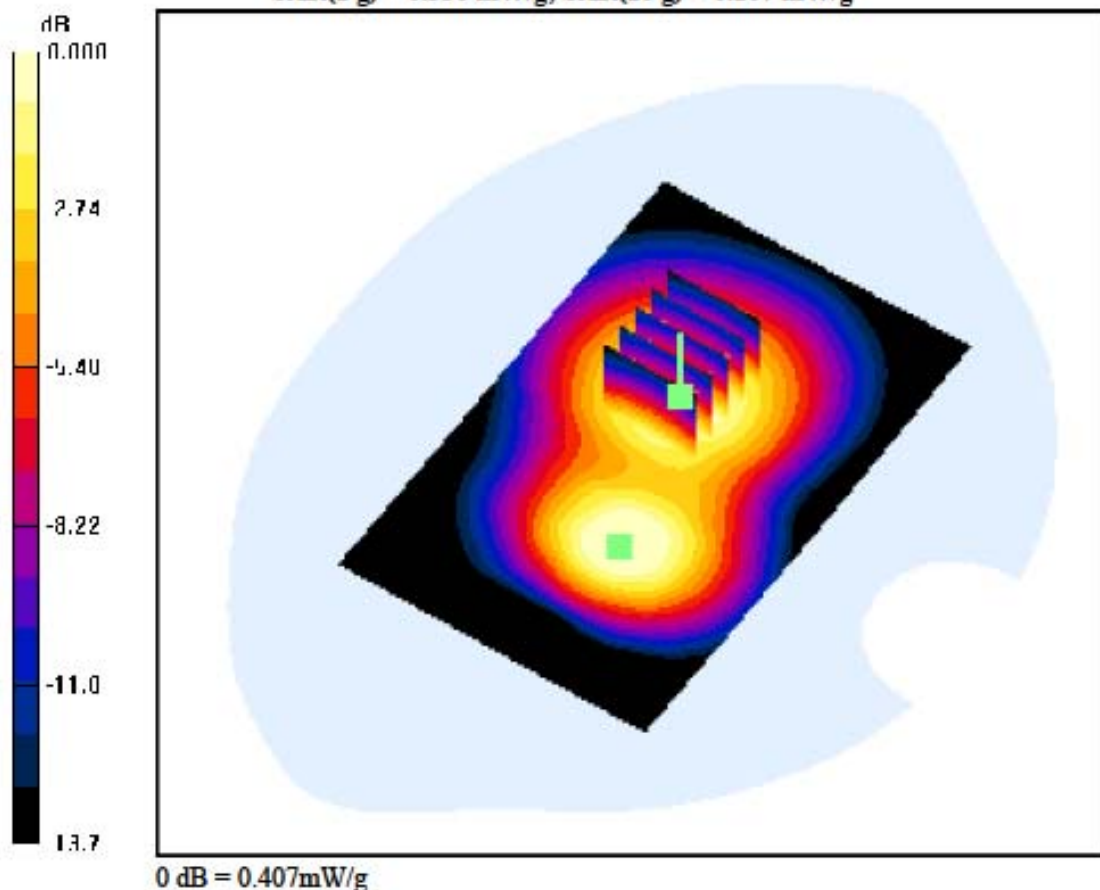
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.207 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 810, Ant Internal

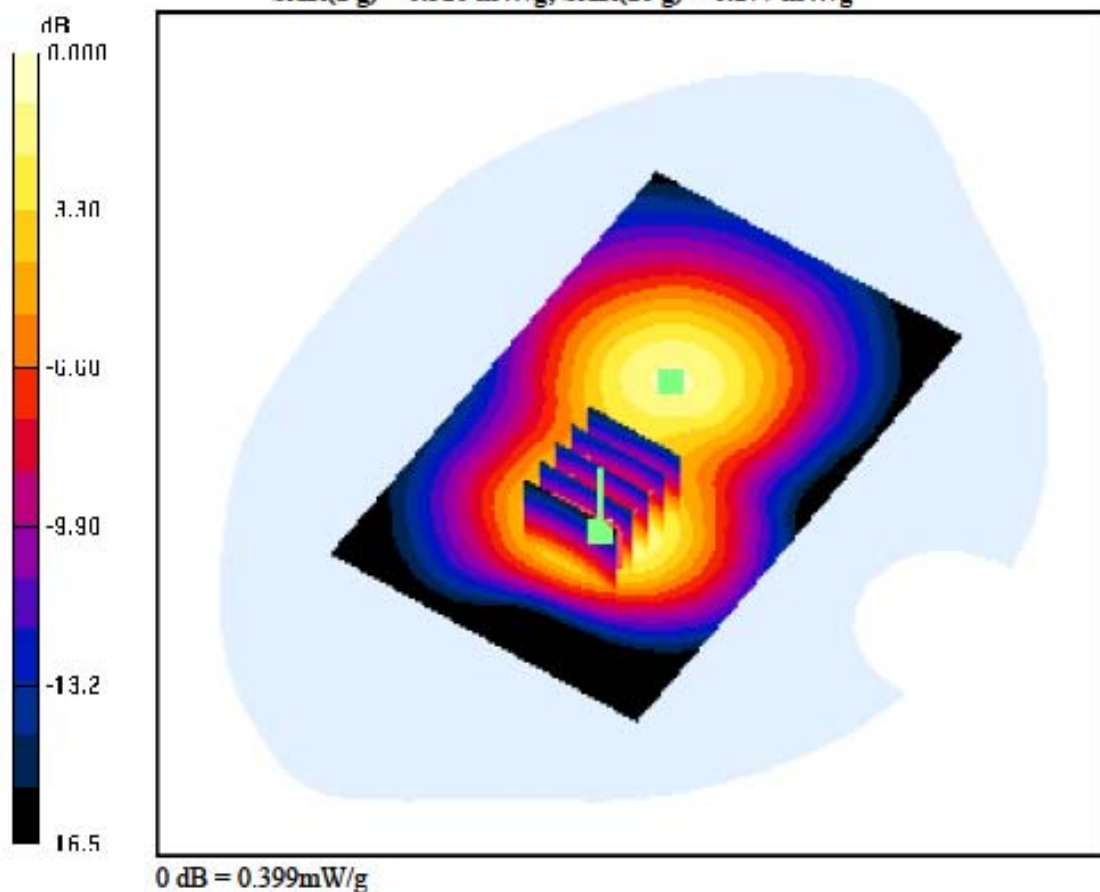
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.177 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 810, Ant Internal

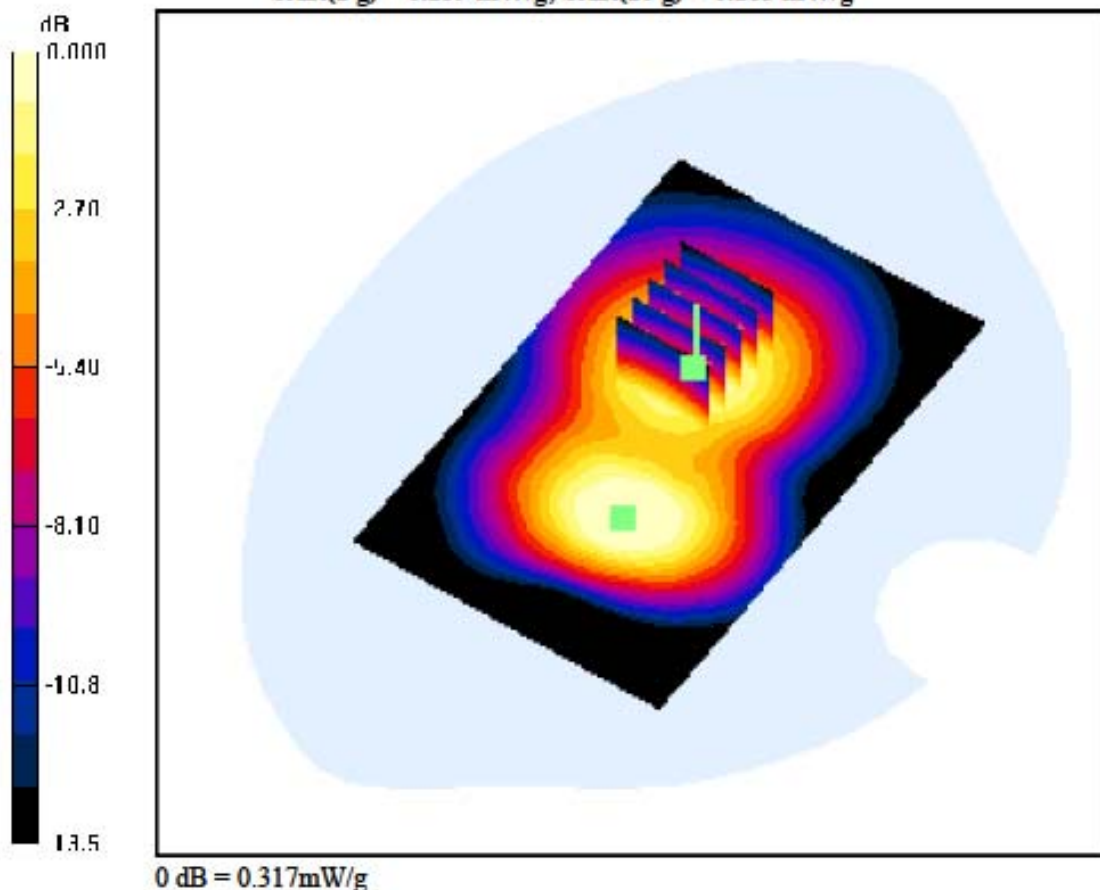
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.163 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

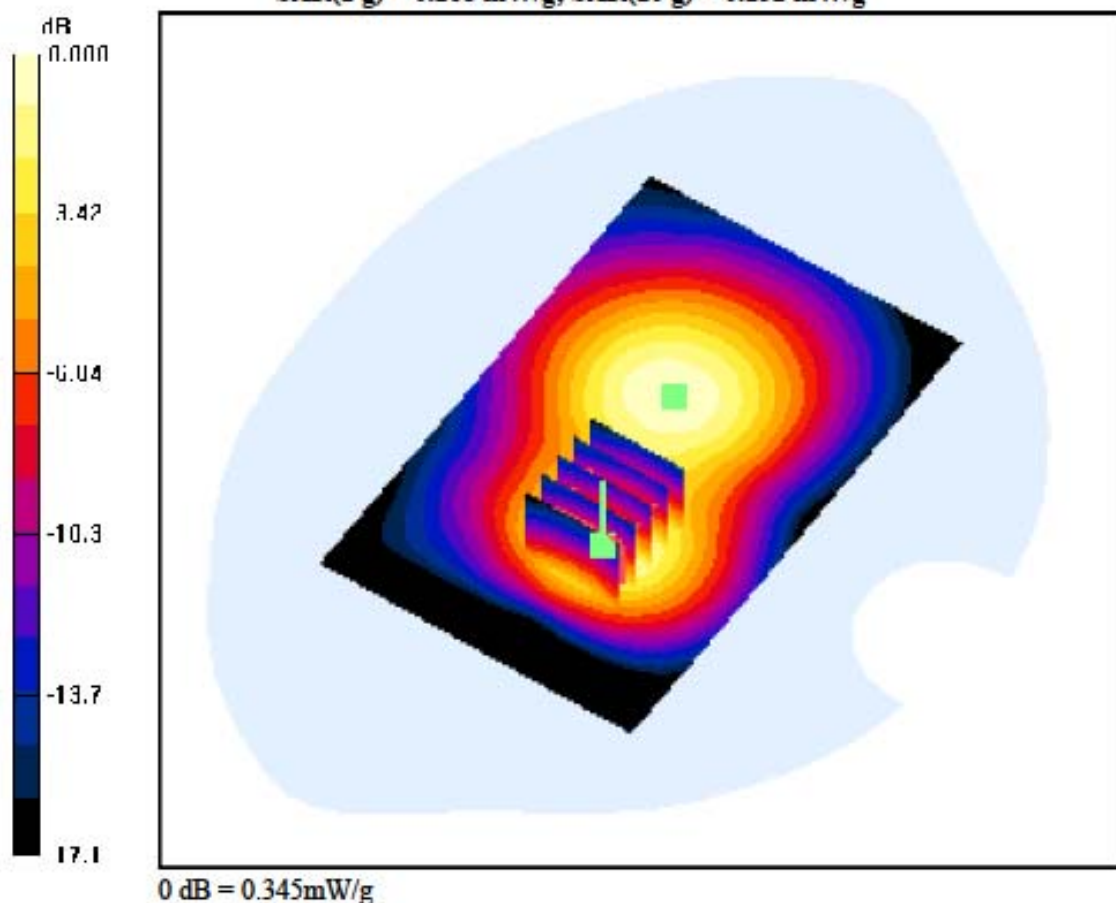
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 12 Ch. 661, 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 = -0.133 dB
Peak SAR (extrapolated) = 0.450 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.152 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 12 Ch. 661, Ant Internal

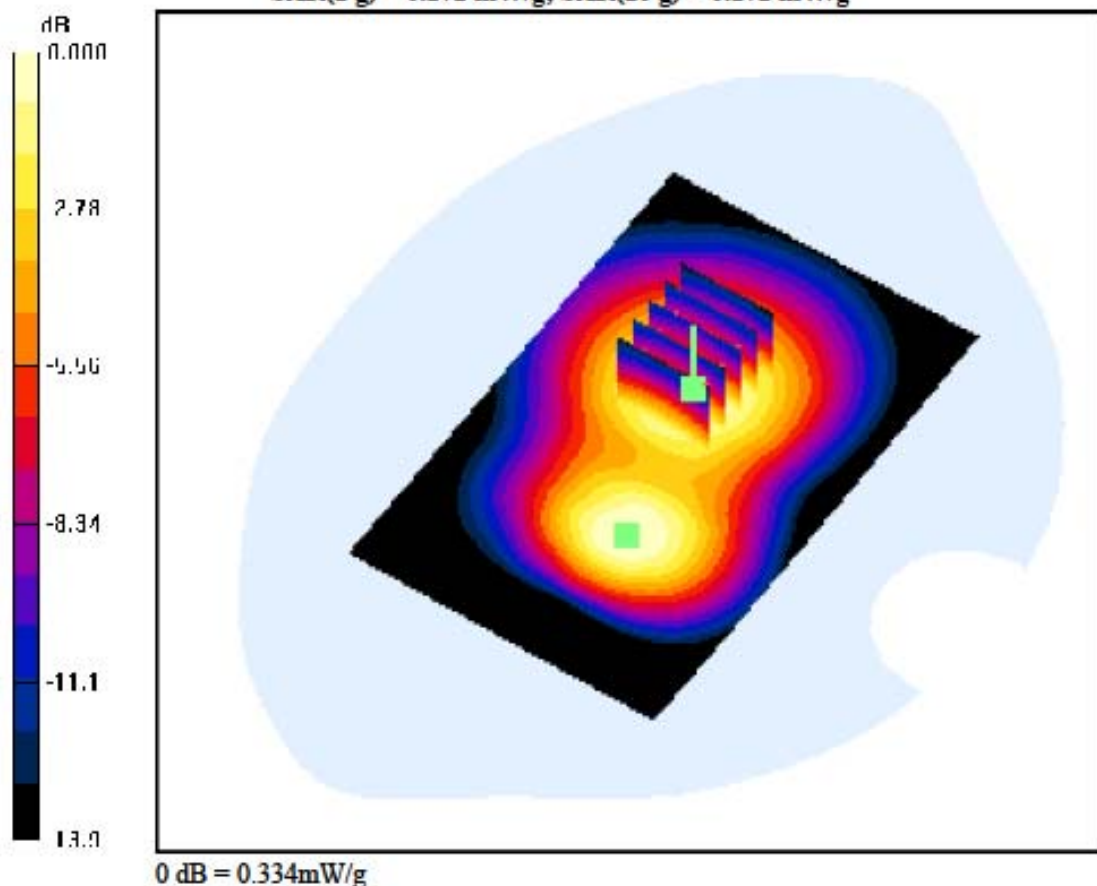
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.172 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.77
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.5 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Front, PCS1900 GPRS Class 11 Ch. 661, Ant Internal

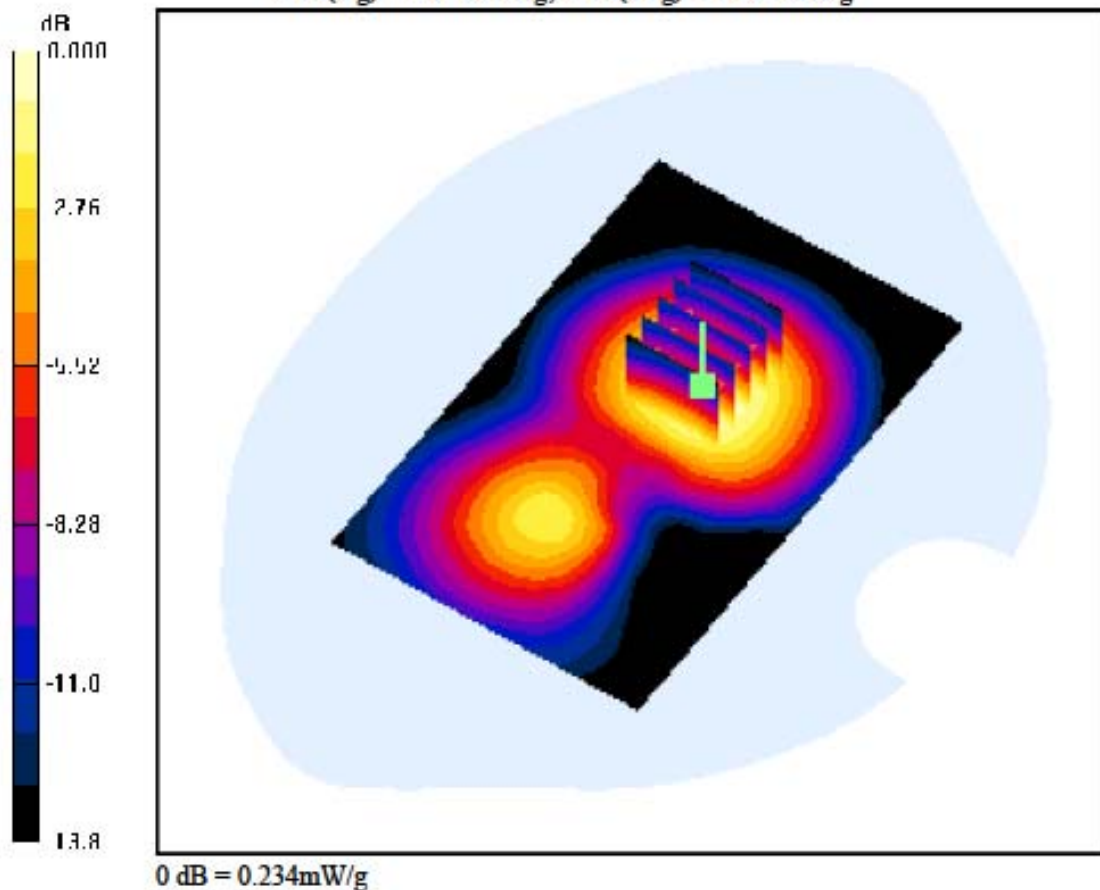
Area Scan (71x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.120 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.903 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

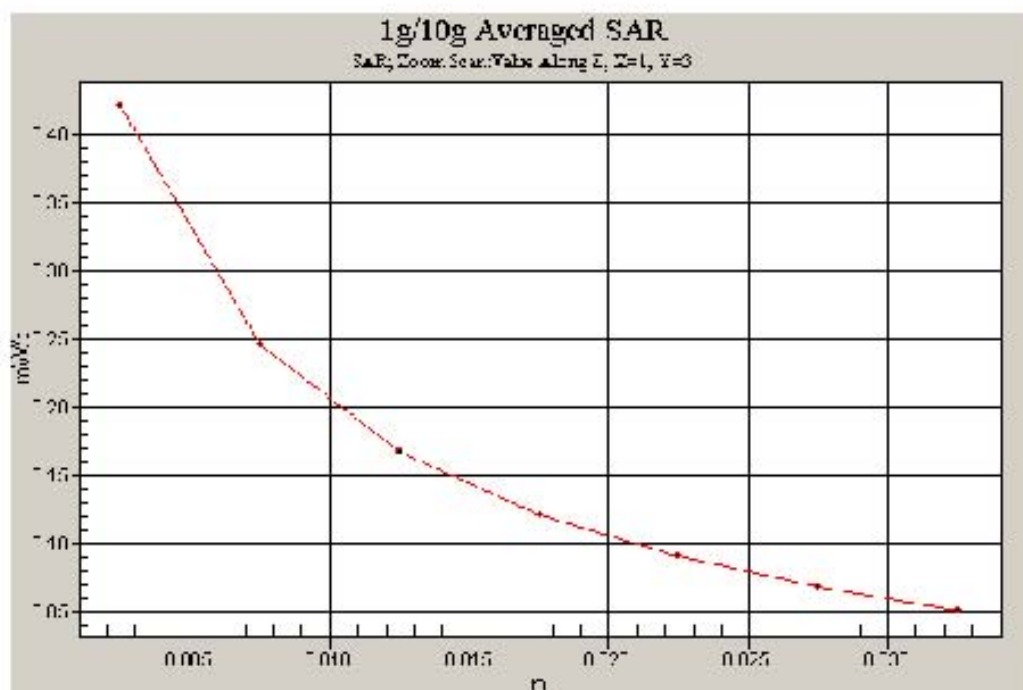
DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.96, 8.96, 8.96); Calibrated: 2011-01-24; 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

Date: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

Right Touch, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (71x161x1): 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 = 0.024 dB
 Peak SAR (extrapolated) = 0.546 W/kg
 SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.230 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.964 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.97, 8.97, 8.97); Calibrated: 2011-01-24; 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: 2011-03-25; Ambient Temp: 22.0; Tissue Temp: 22.5

2cm space from Body, Rear, GSM850 GPRS Class 12 Ch. 190, Ant Internal

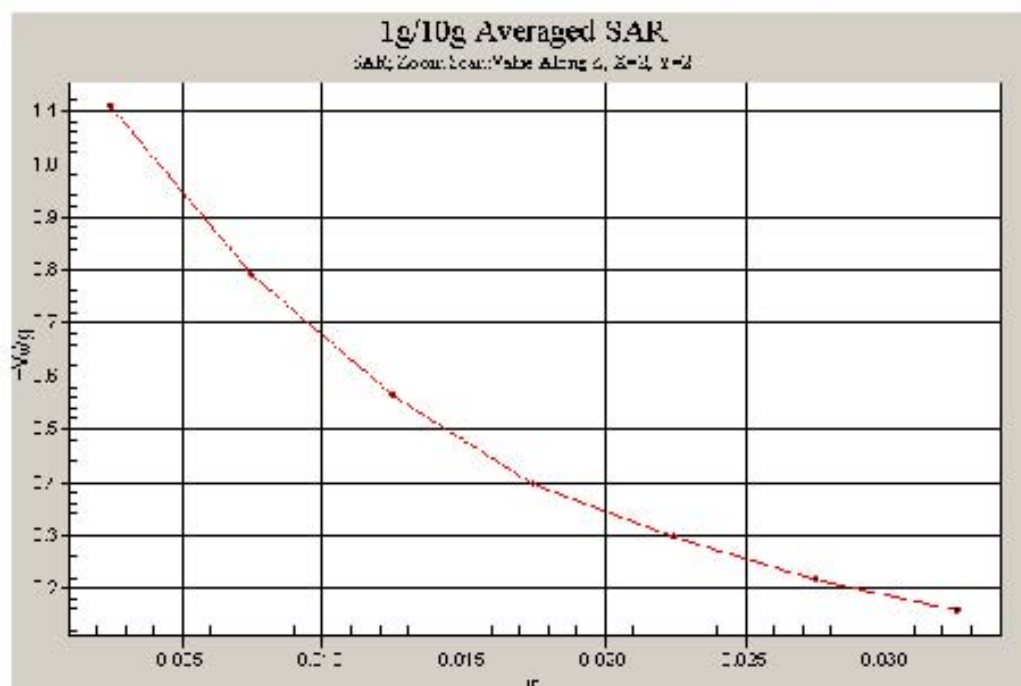
Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.242 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.647 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(8.26, 8.26, 8.26); Calibrated: 2011-01-24; 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

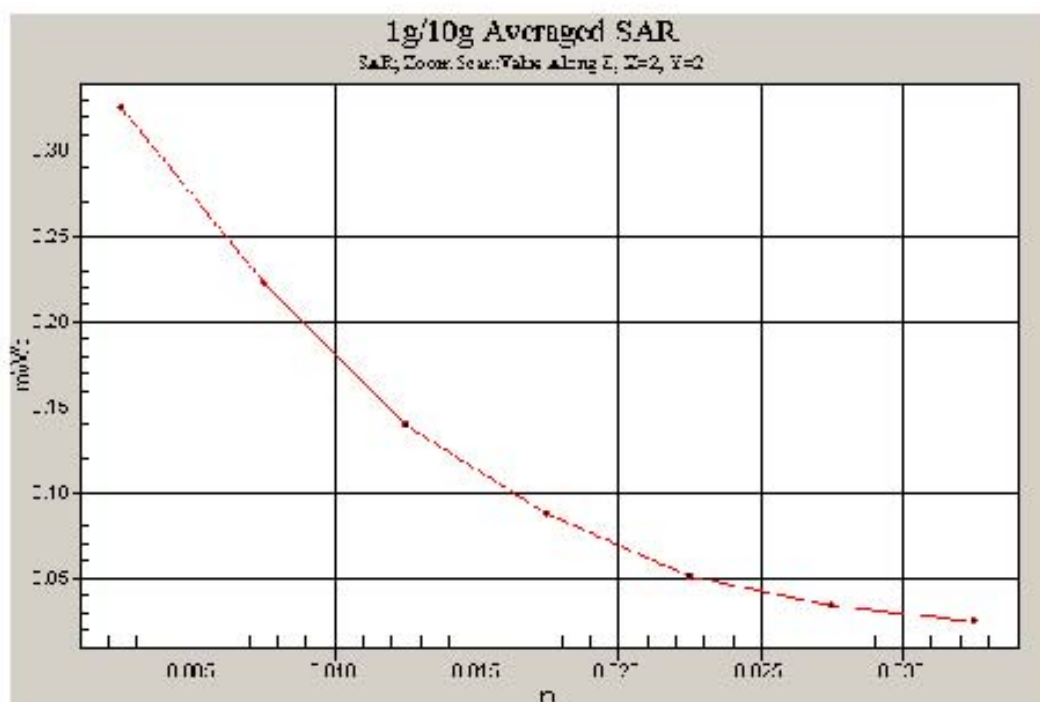
Date: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

Left Touch, PCS1900 Ch. 661, Ant Internal, Standard Battery**Area Scan (71x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.151 mW/g



DIGITAL EMC CO., LTD**DUT: LG-A250; Type: Folder**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77
 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.47 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.19, 7.19, 7.19); Calibrated: 2011-01-24; 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: 2011-03-26; Ambient Temp: 22.3; Tissue Temp: 22.7

2cm space from Body, Rear, PCS1900 GPRS Class 11 Ch. 512, 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 = -0.002 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.244 mW/g

