

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: $f = 835 \text{ MHz}$; $\sigma = 0.889 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

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: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

Dipole Validation

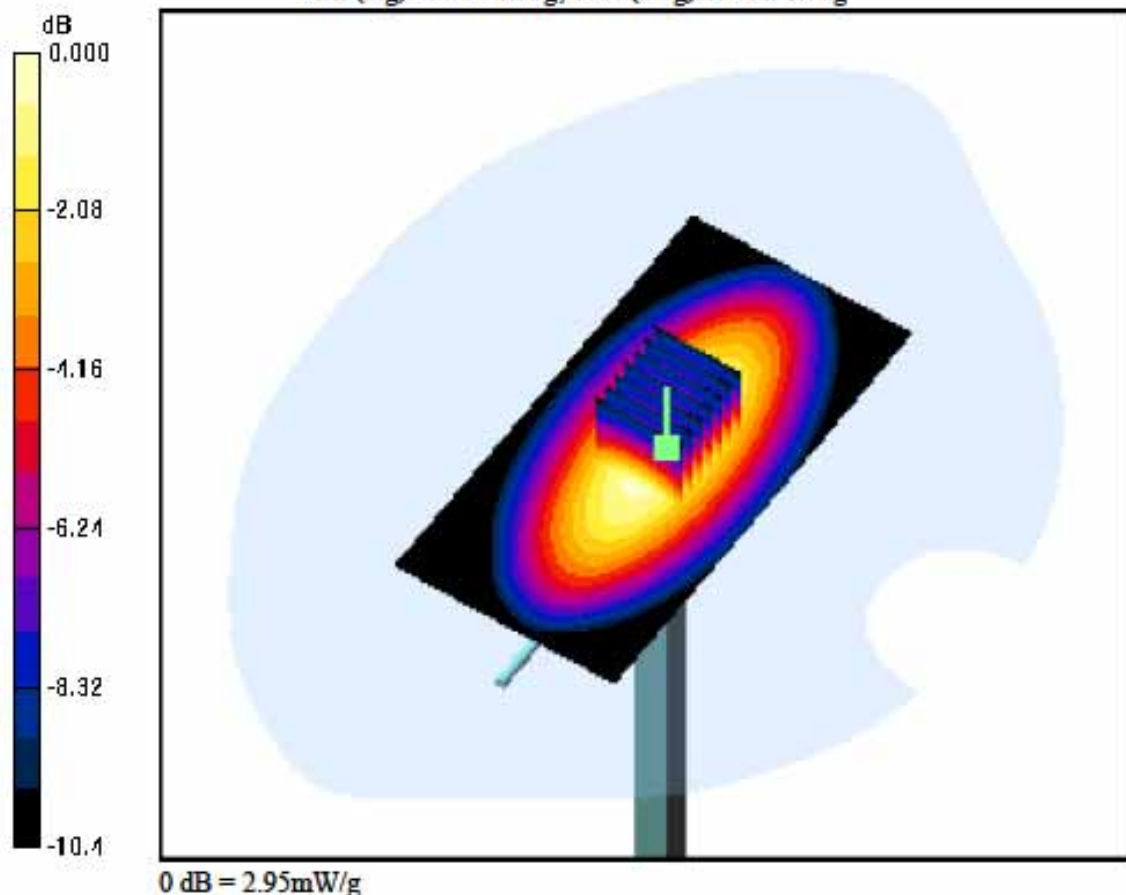
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 3.70 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.59 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: $f = 835$ MHz; $\sigma = 0.956$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ 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: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

Dipole Validation

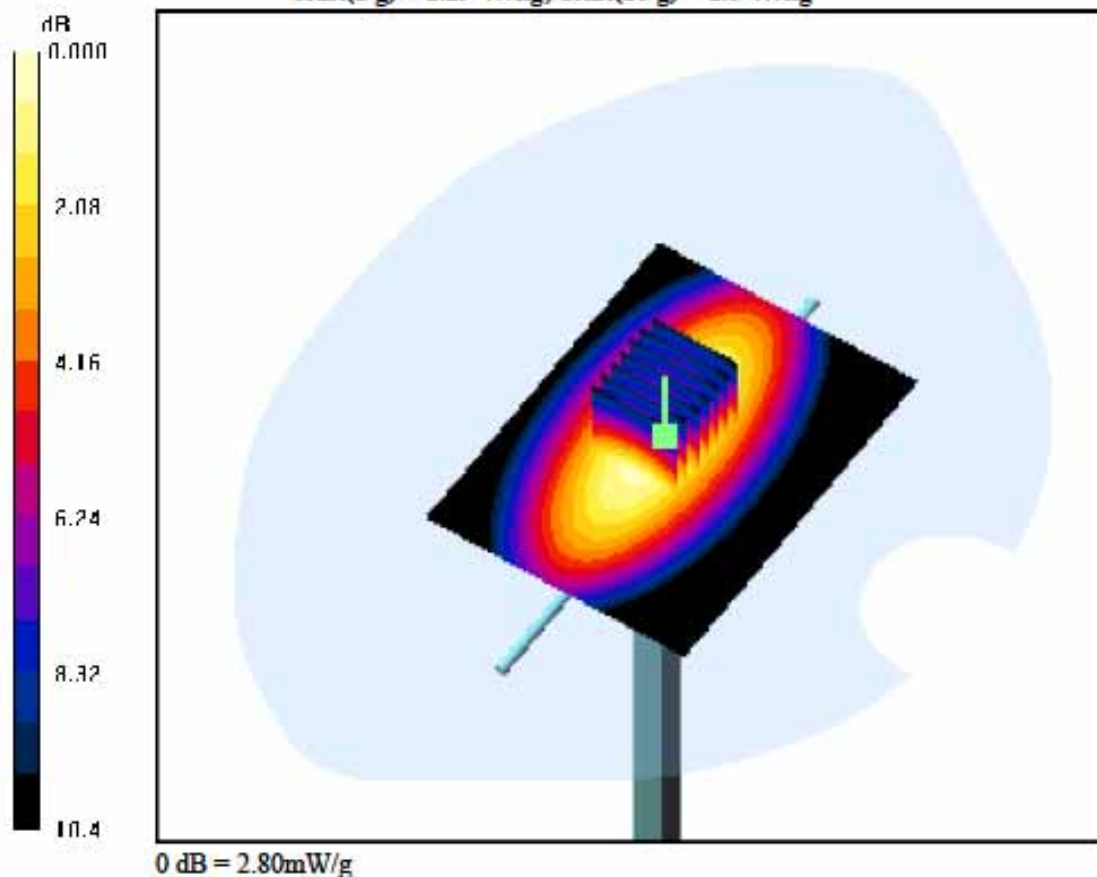
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.002 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.5 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 (interpolated): $f = 1900$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ 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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

Dipole Validation

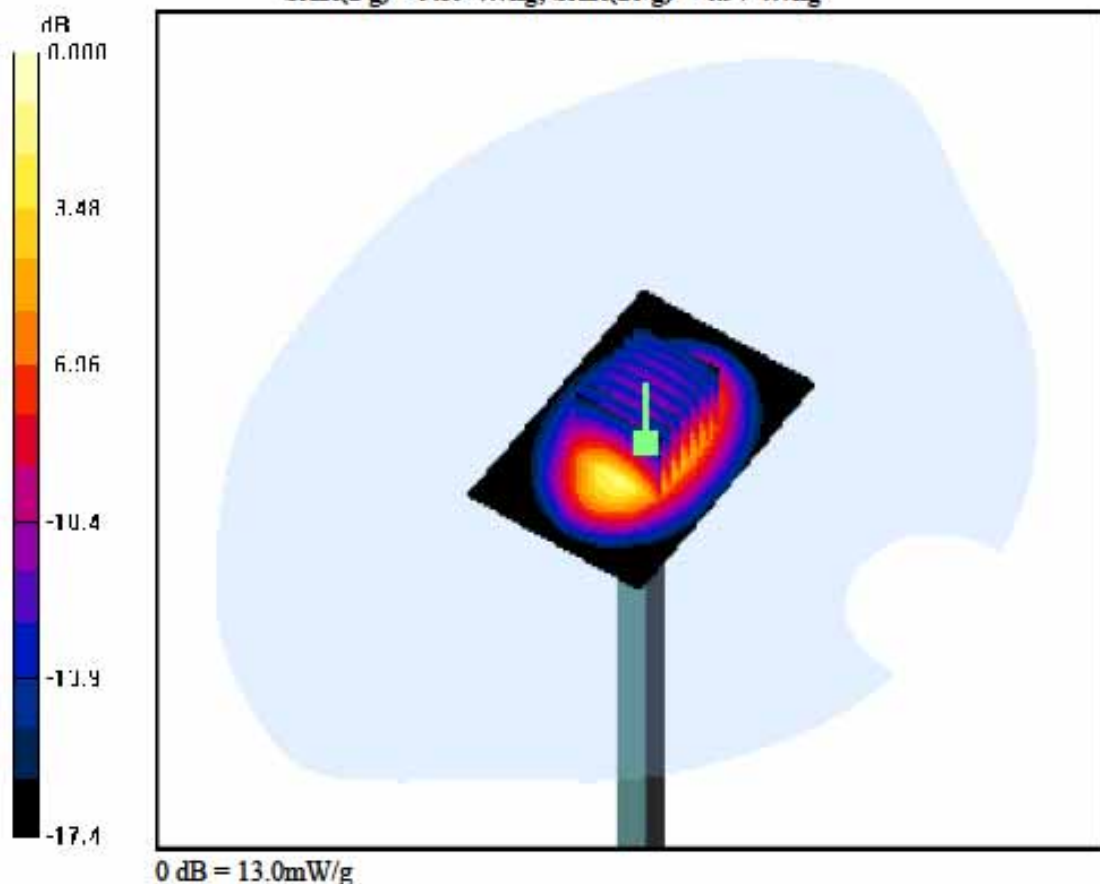
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = 0.002 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 9.59 W/kg; SAR(10 g) = 4.97 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; $\epsilon_r = 53.6$; $\rho = 1000$ 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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

Dipole Validation

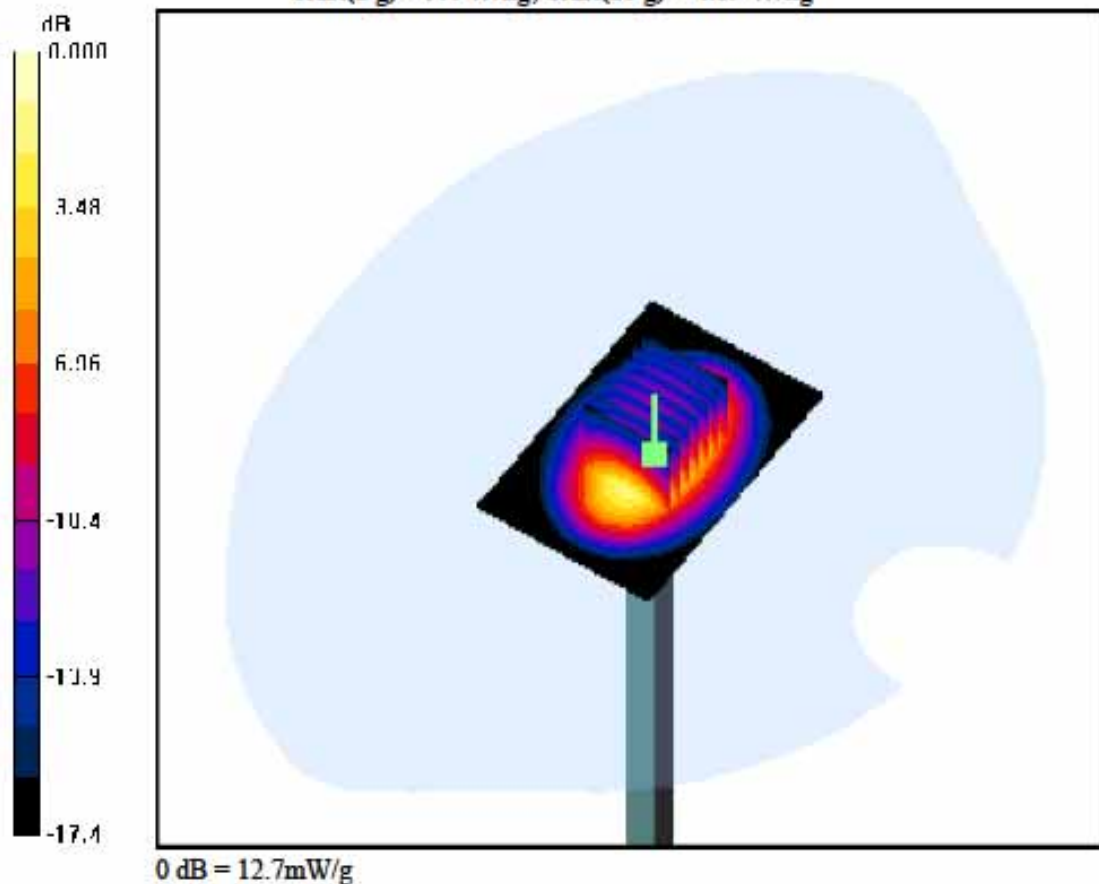
Area Scan (61x91x1): Measurement grid: dx=10mm, dy=10mm

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

Power Drift = -0.010 dB

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 9.4 W/kg; SAR(10 g) = 4.89 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; $\sigma = 1.85$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Dipole Validation

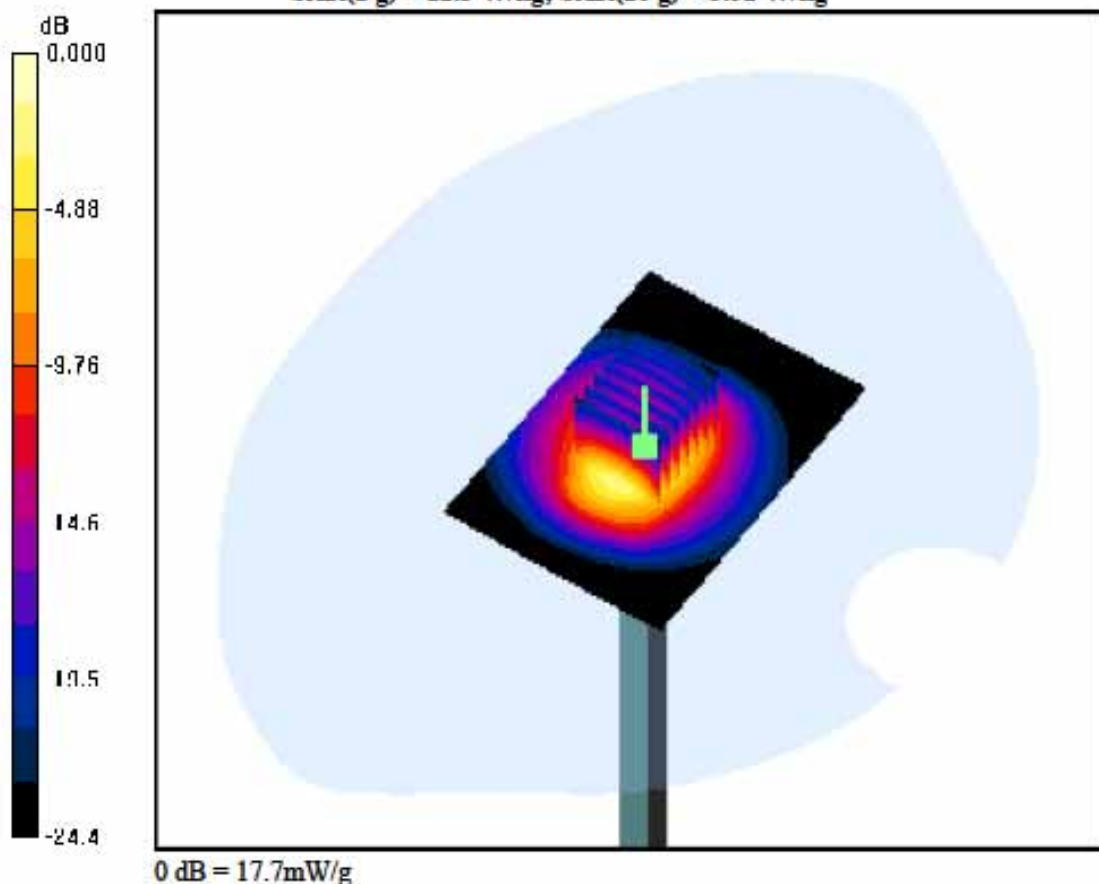
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.002 dB

Peak SAR (extrapolated) = 27.3 W/kg

SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.52 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: $f = 2450 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.03, 7.03, 7.03); 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: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Dipole Validation

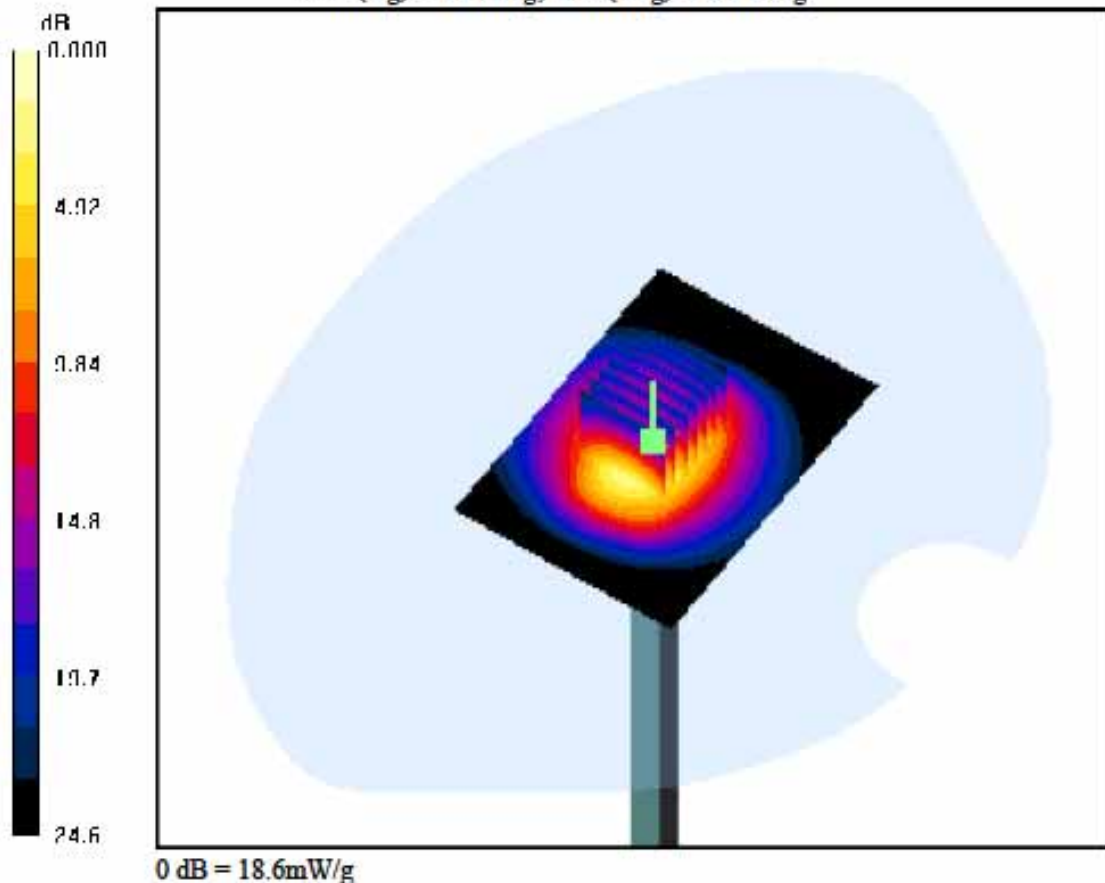
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.043 dB

Peak SAR (extrapolated) = 29.2 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 5.8 W/kg



Attachment 2. – SAR Test Plots

DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

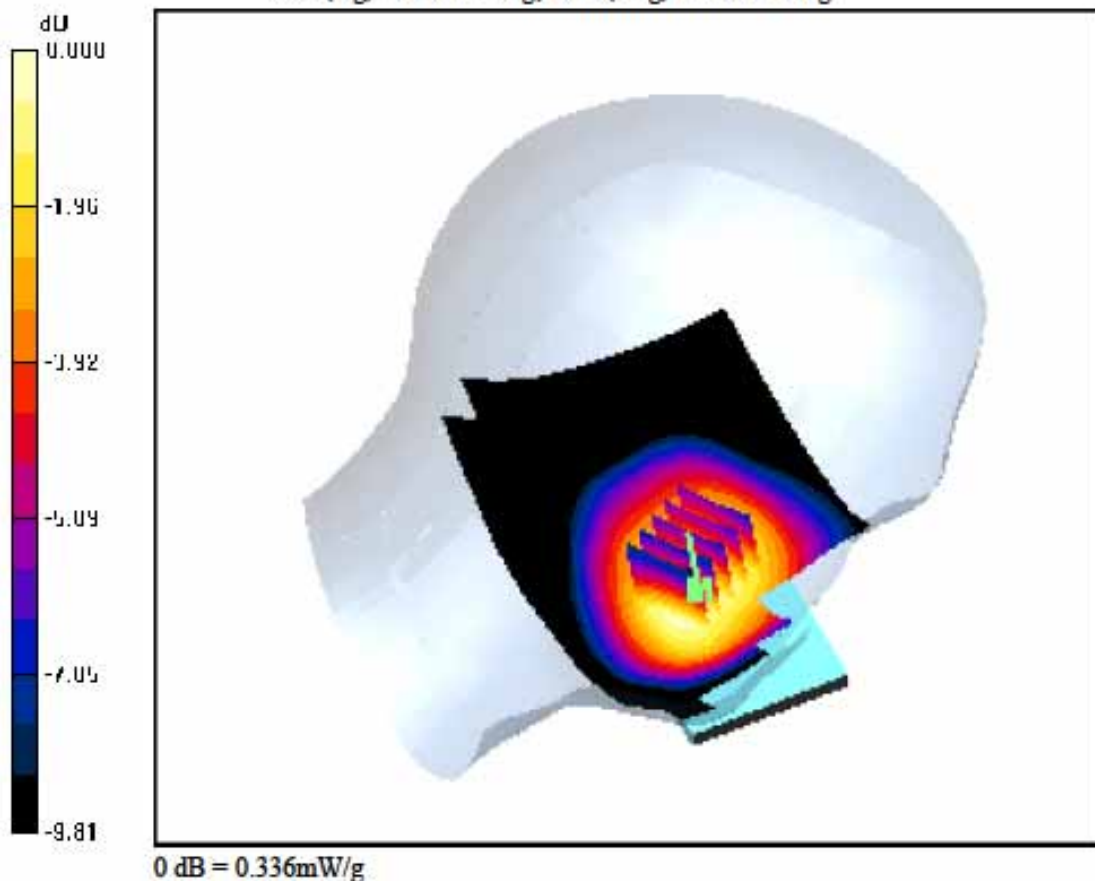
DASY4 Configuration:

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: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.080 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.221 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.878$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ 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

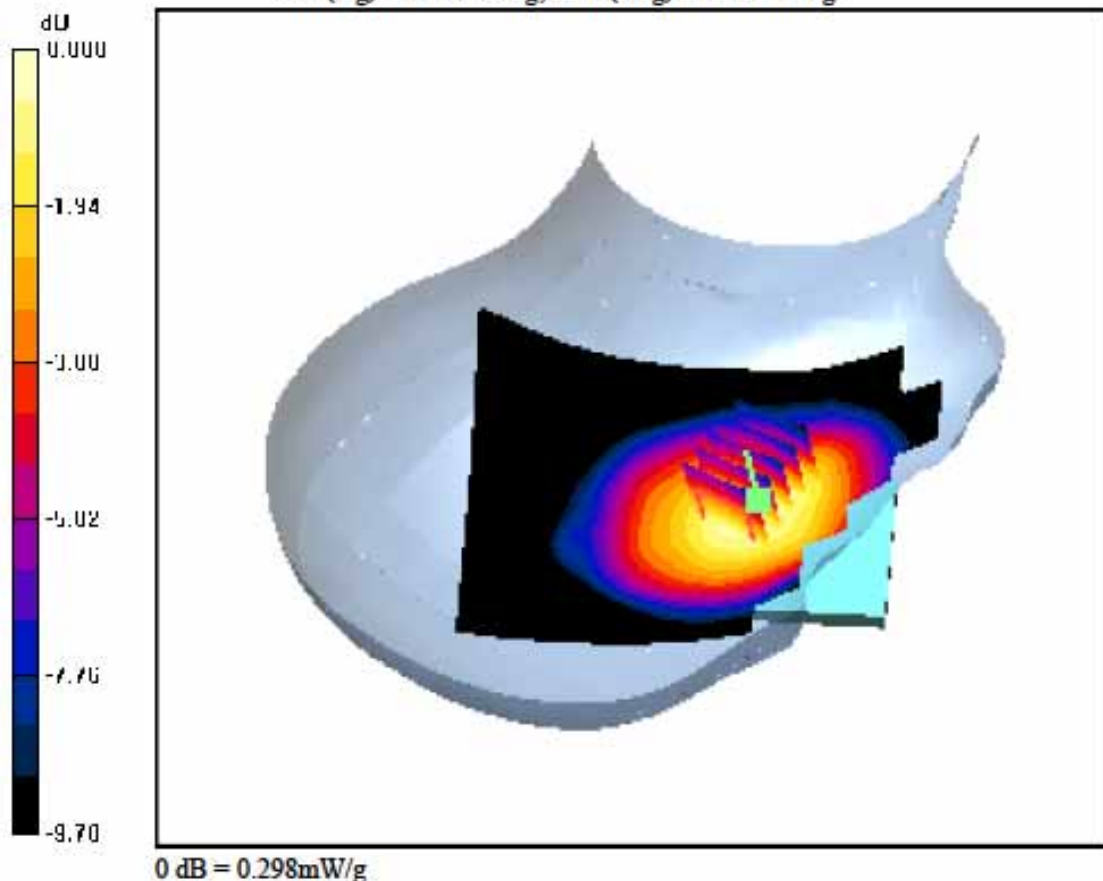
Date: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

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 = -0.052 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.197 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ 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

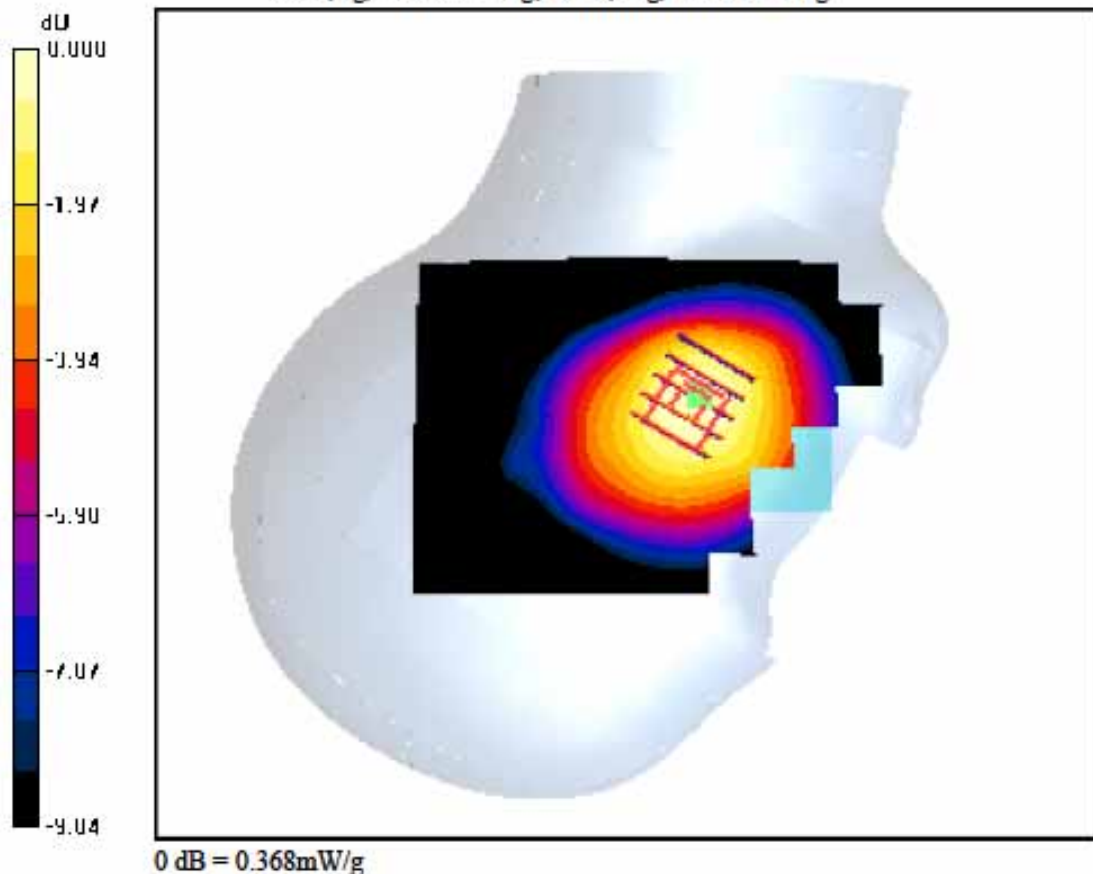
Date: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

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 = -0.255 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.244 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.833 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
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

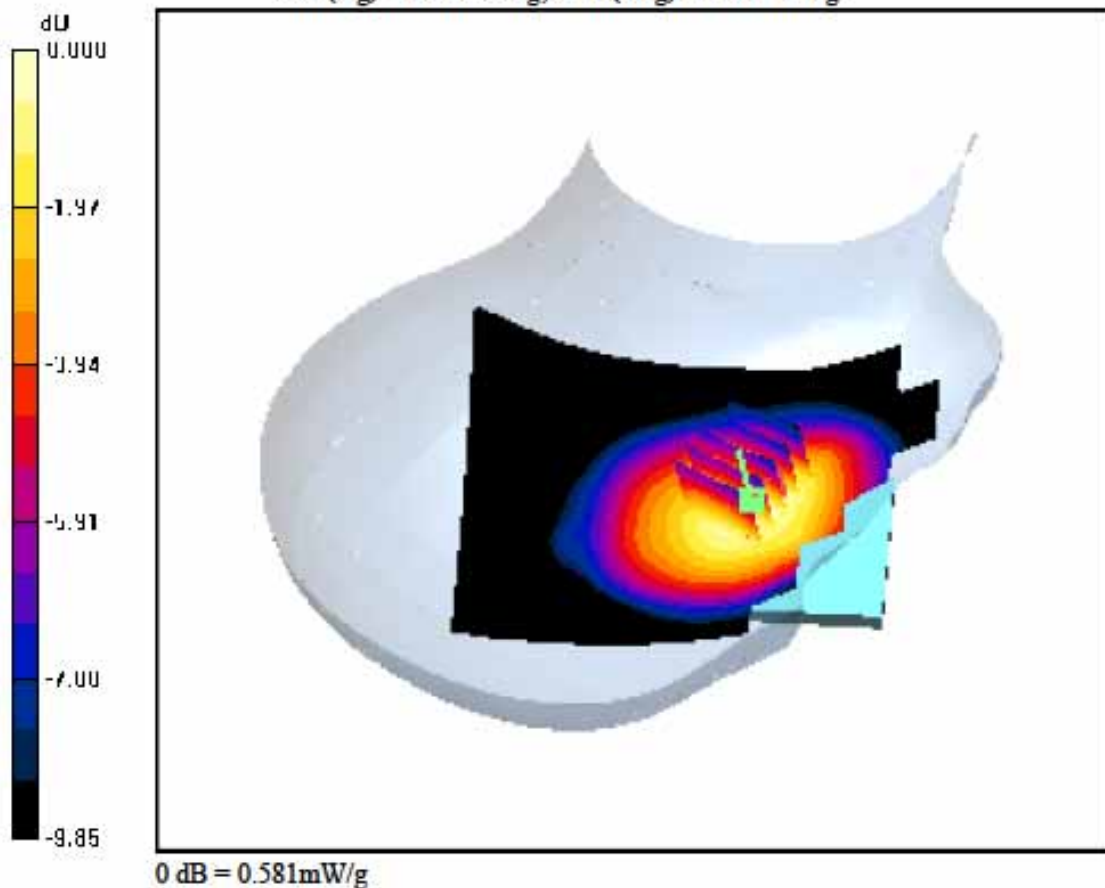
Date: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

Right Touch, GSM850 Ch. 251, Ant Internal, Standard Battery**Area Scan (81x111x1):** 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 = 0.160 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.380 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

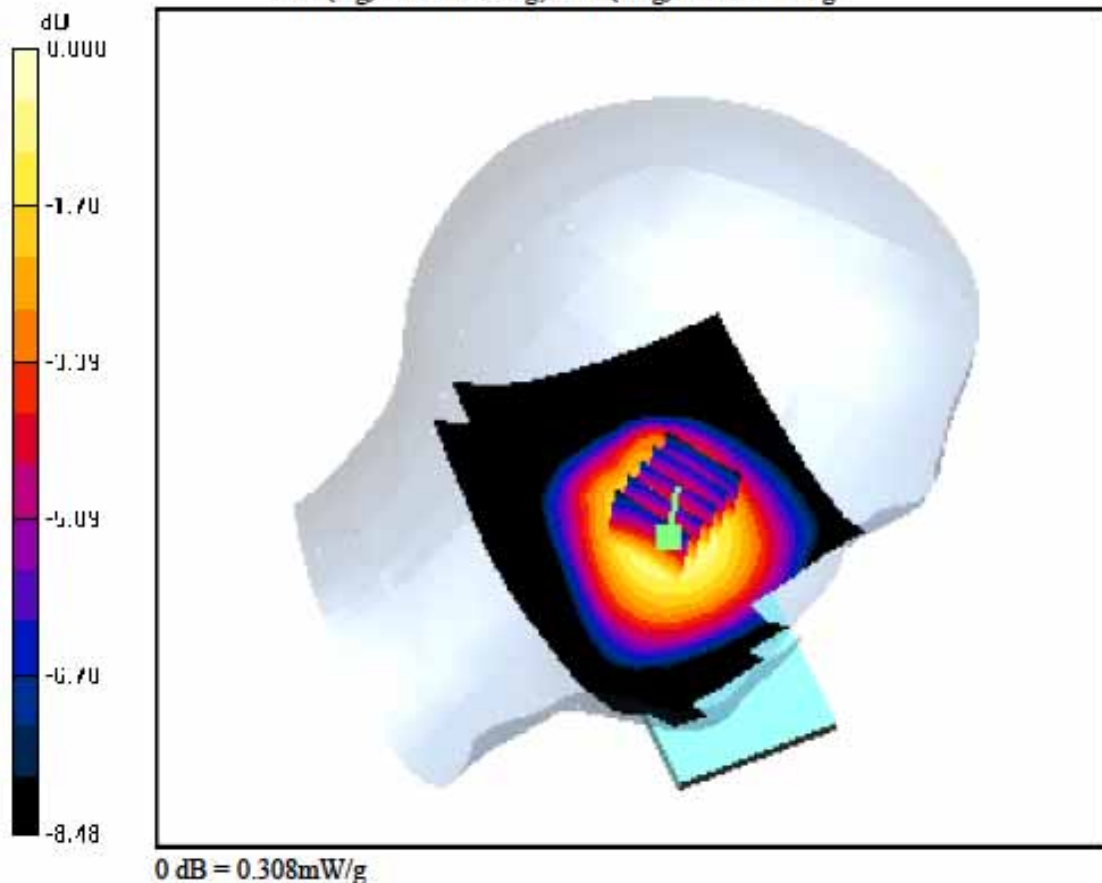
DASY4 Configuration:

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: 2011-06-21; Ambient Temp: 22.2; Tissue Temp: 22.4

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

Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.203 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.667$ MHz; $\sigma = 0.891$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section

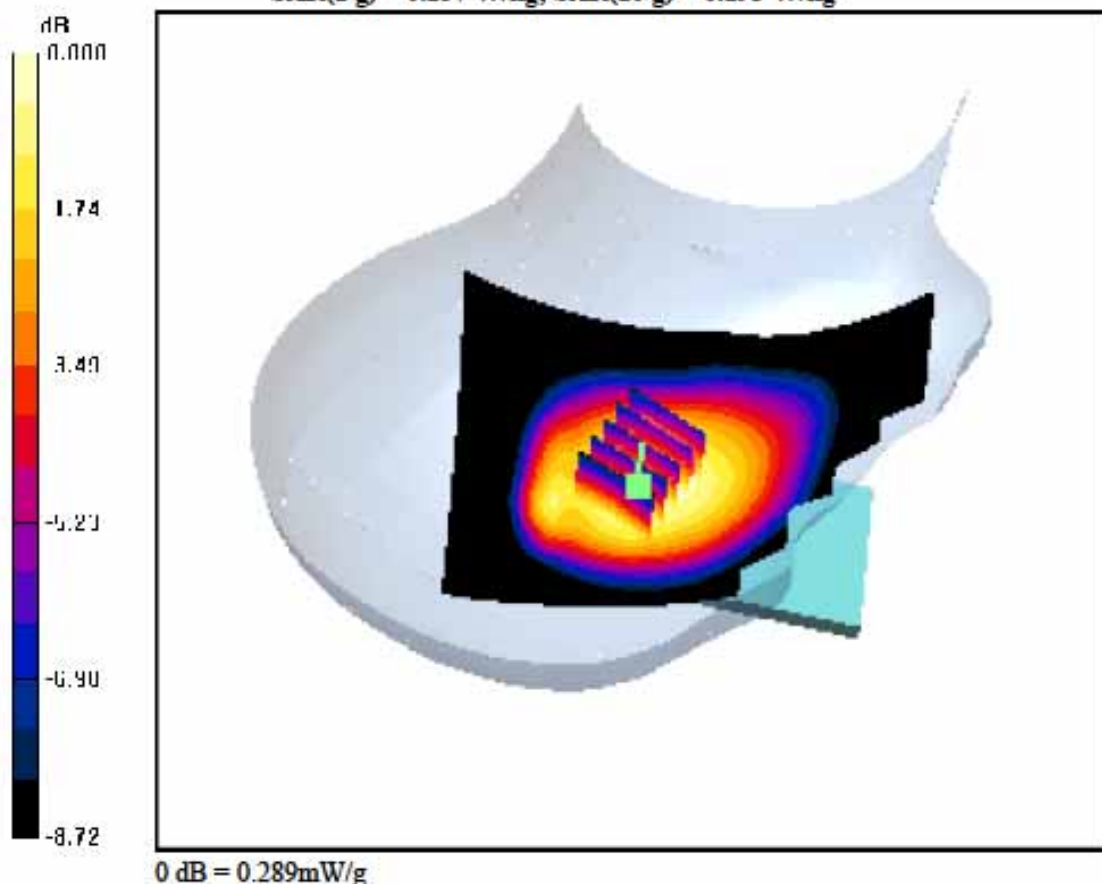
DASY4 Configuration:

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: 2011-06-21; Ambient Temp: 22.2; 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 = -0.036 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.193 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1851$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section

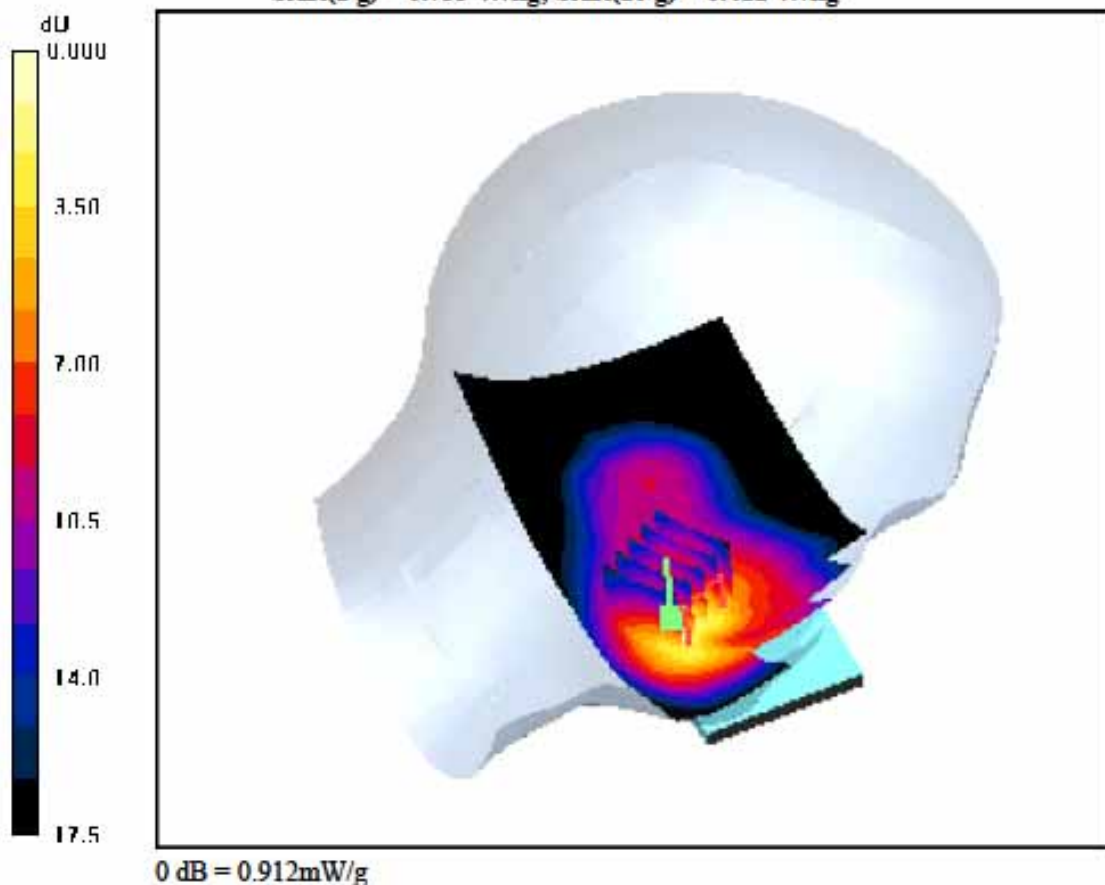
DASY4 Configuration:

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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

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

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.047 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.412 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

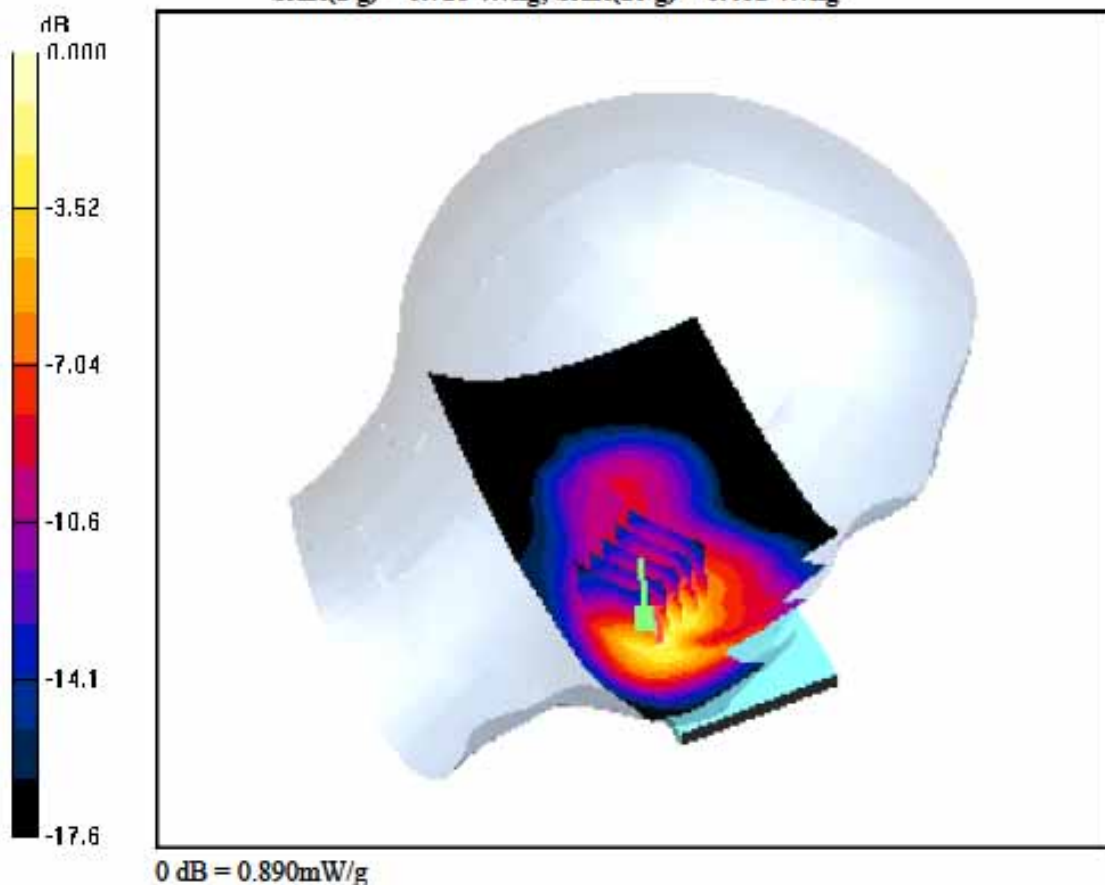
DASY4 Configuration:

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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

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

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.105 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.401 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

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

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ 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

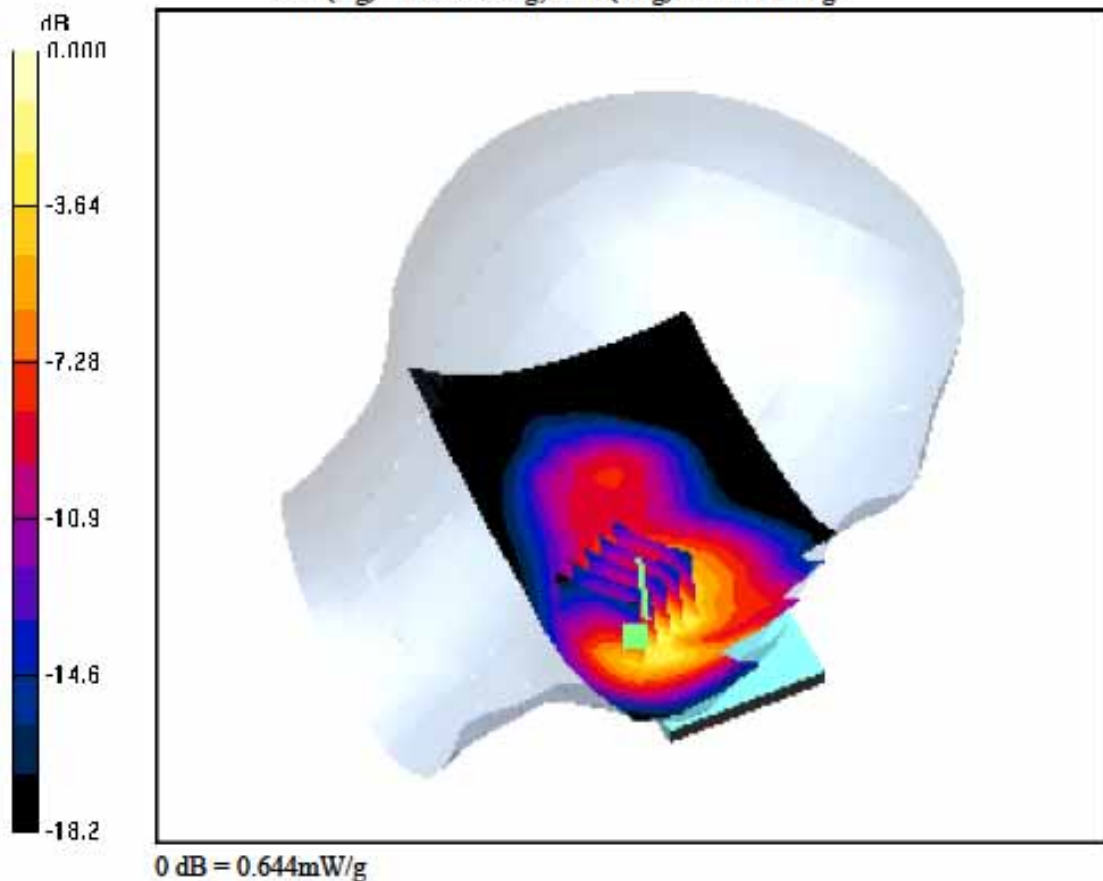
Date: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.225 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.304 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Phantom section: Right Section

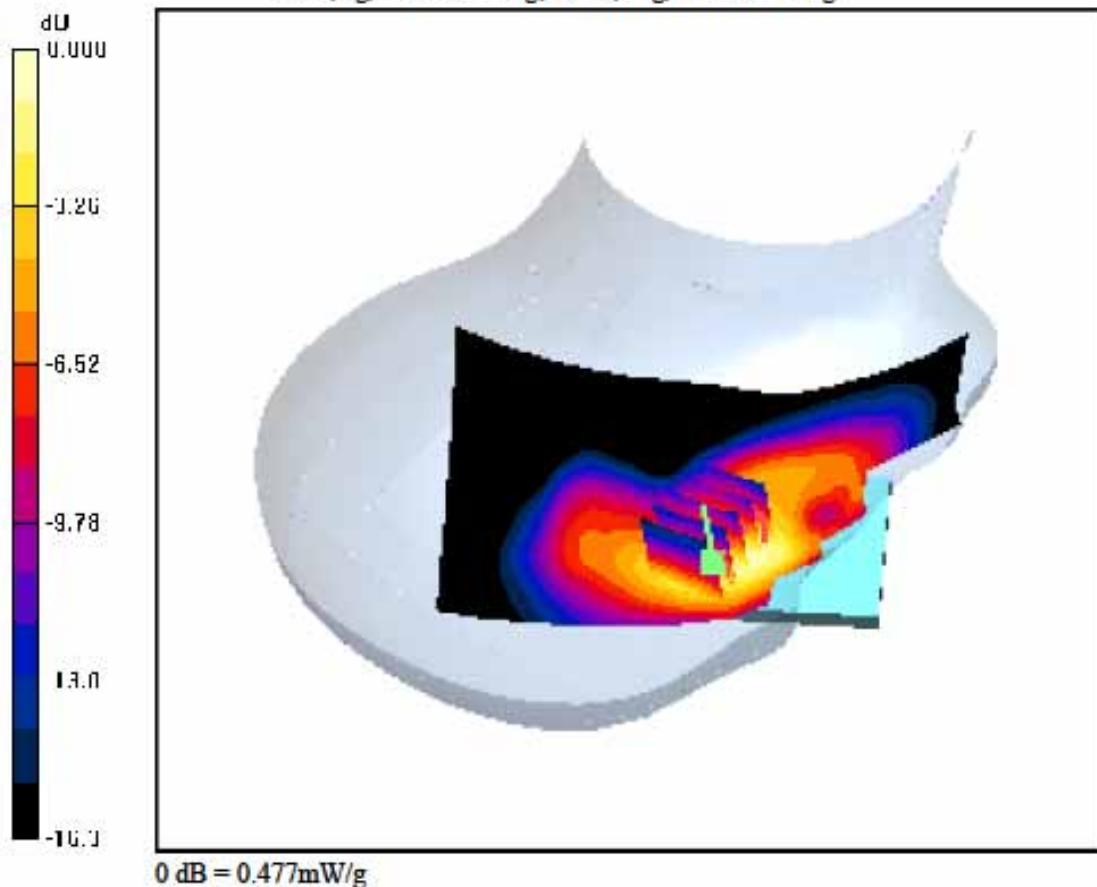
DASY4 Configuration:

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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

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

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.166 dB
Peak SAR (extrapolated) = 0.597 W/kg
SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.237 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

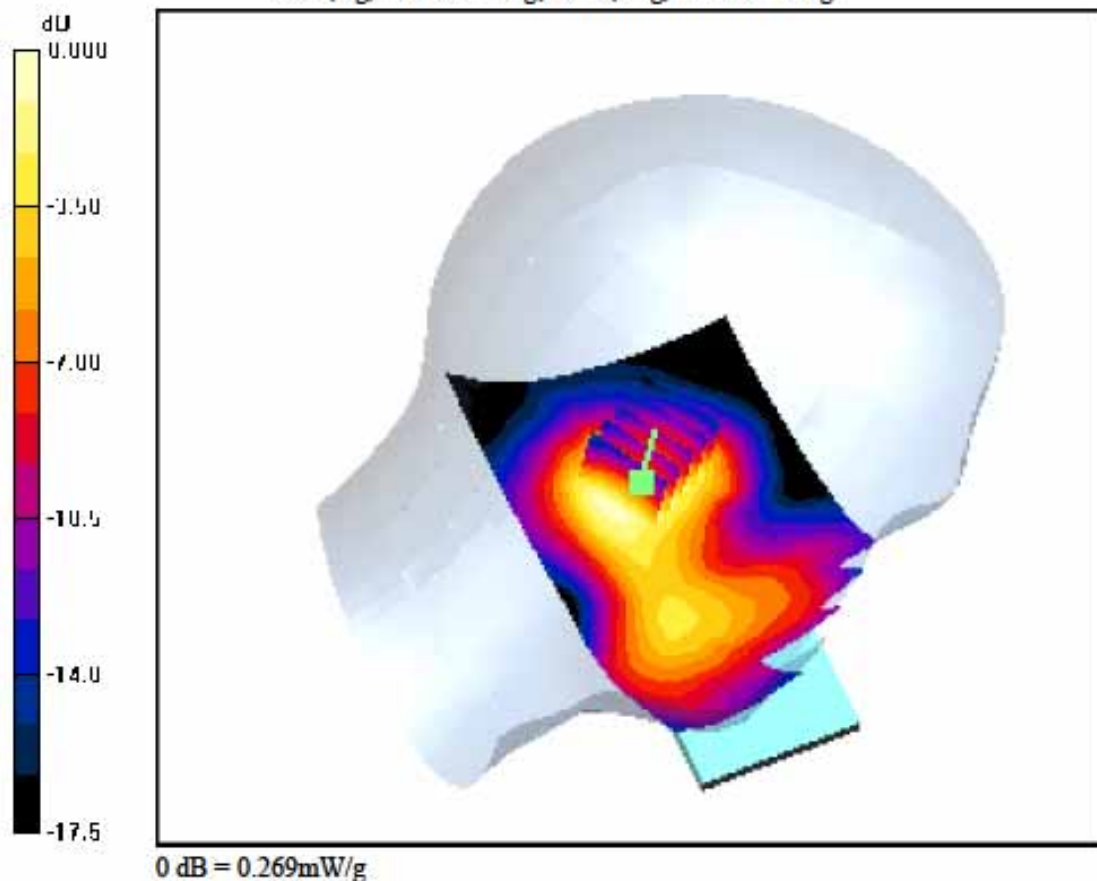
DASY4 Configuration:

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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

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

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.137 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
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: 2011-06-20; Ambient Temp: 22.4; Tissue Temp: 22.6

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

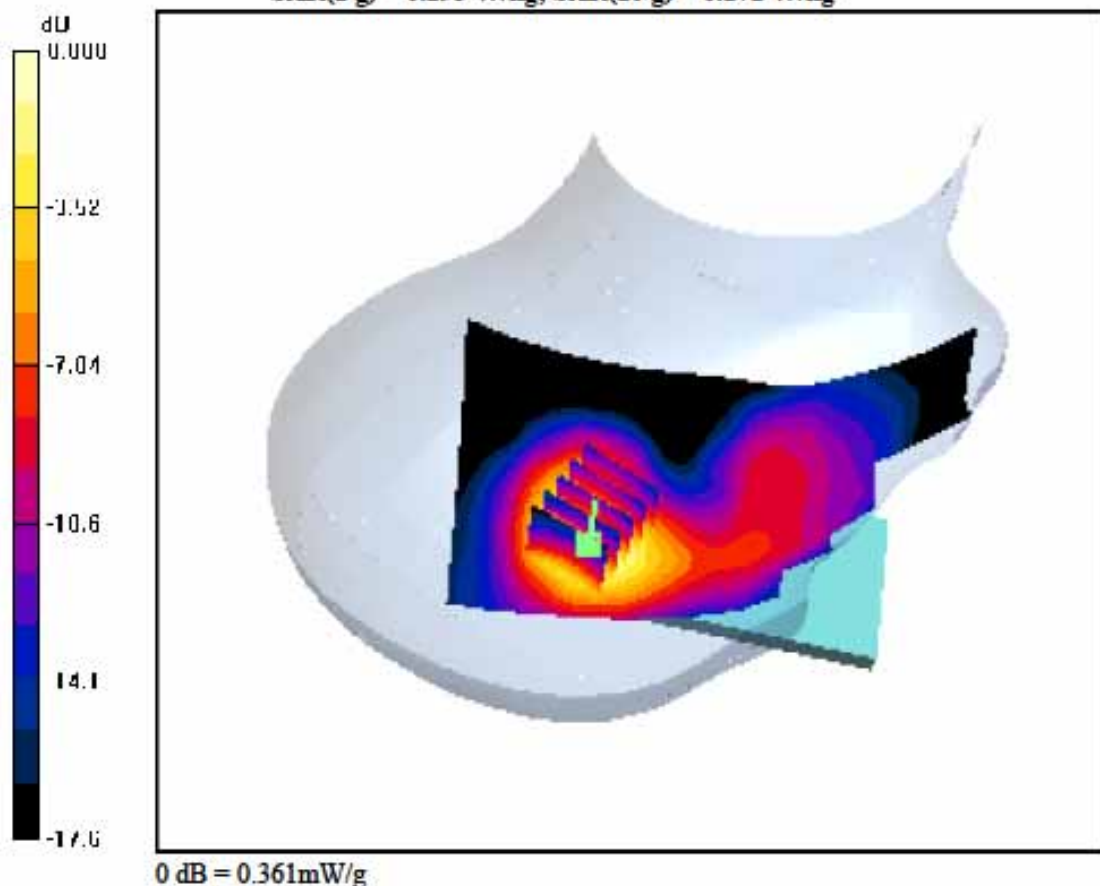
Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.171 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.8 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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

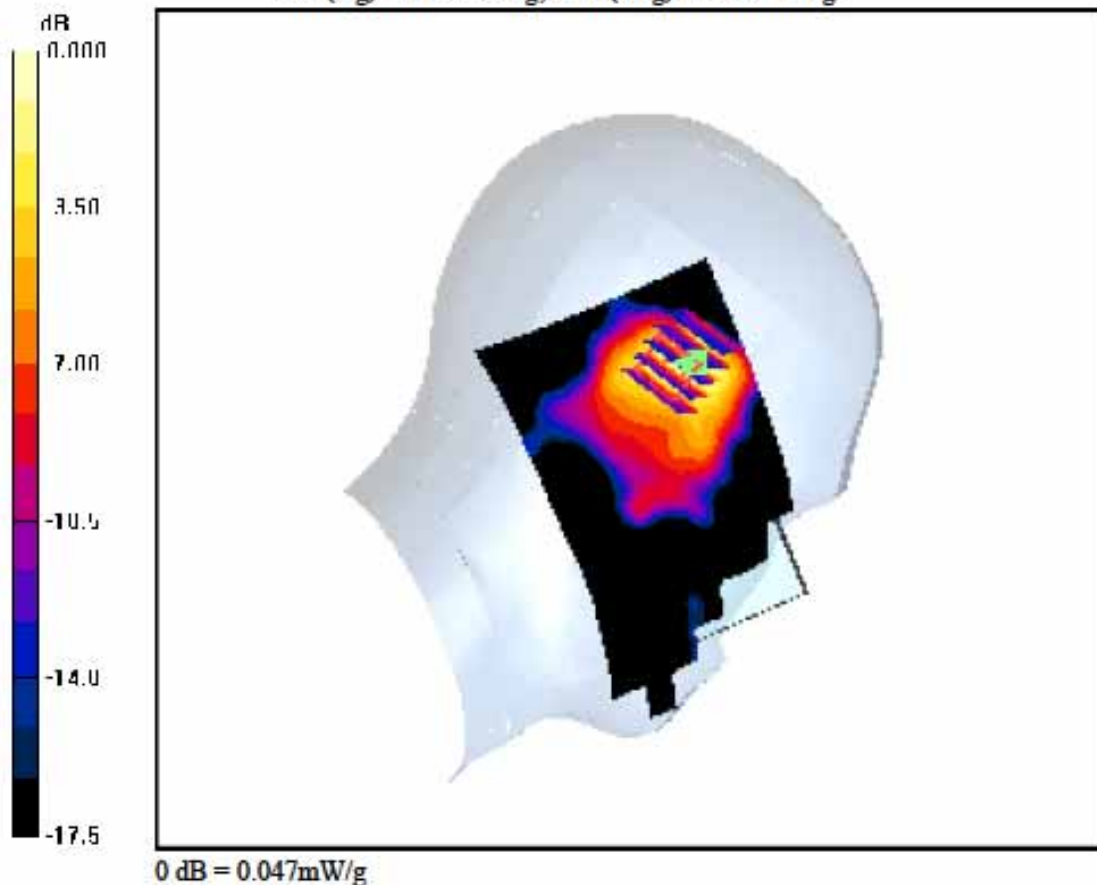
Date: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Left Touch, W-LAN(802.11b) Ch. 1, Ant Internal, Standard Battery**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 = -0.275 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.017 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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

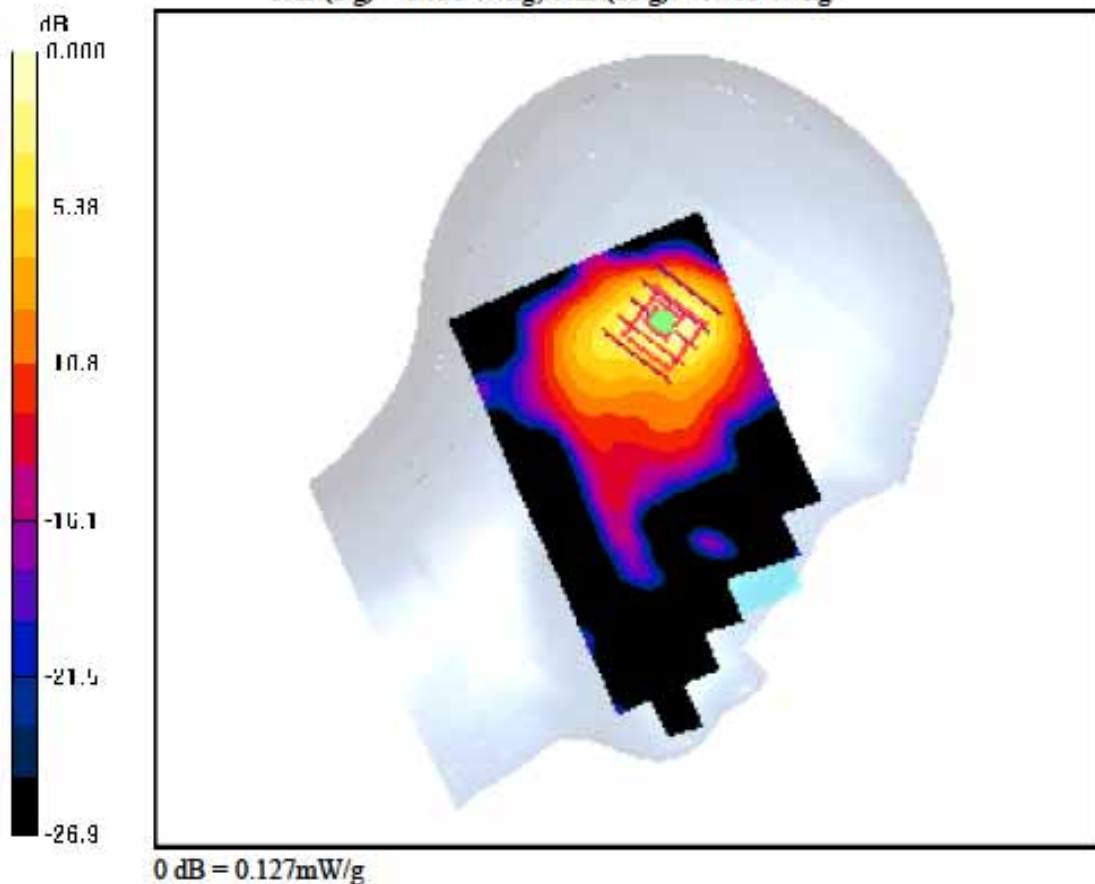
Date: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Left Touch, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery**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 = -0.028 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.038 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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

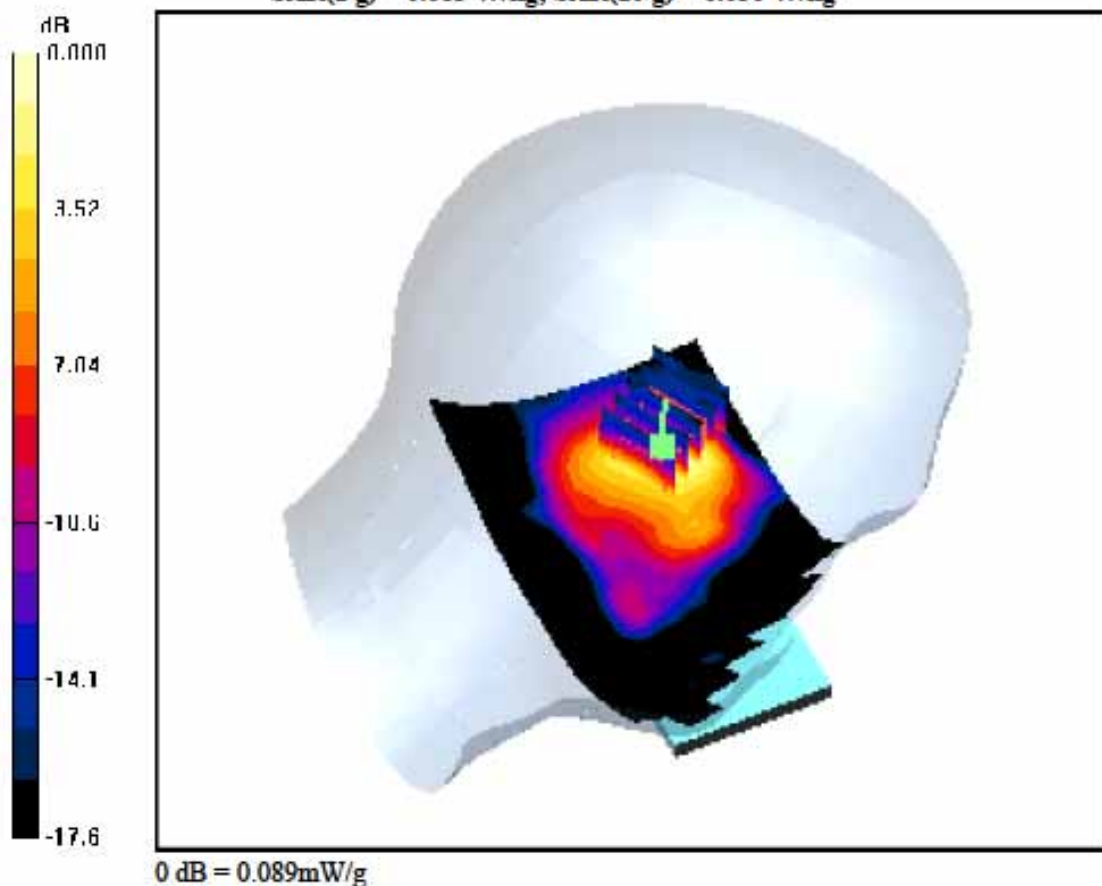
Date: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Left Touch, W-LAN(802.11b) Ch. 11, Ant Internal, Standard Battery**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.212 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.030 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

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

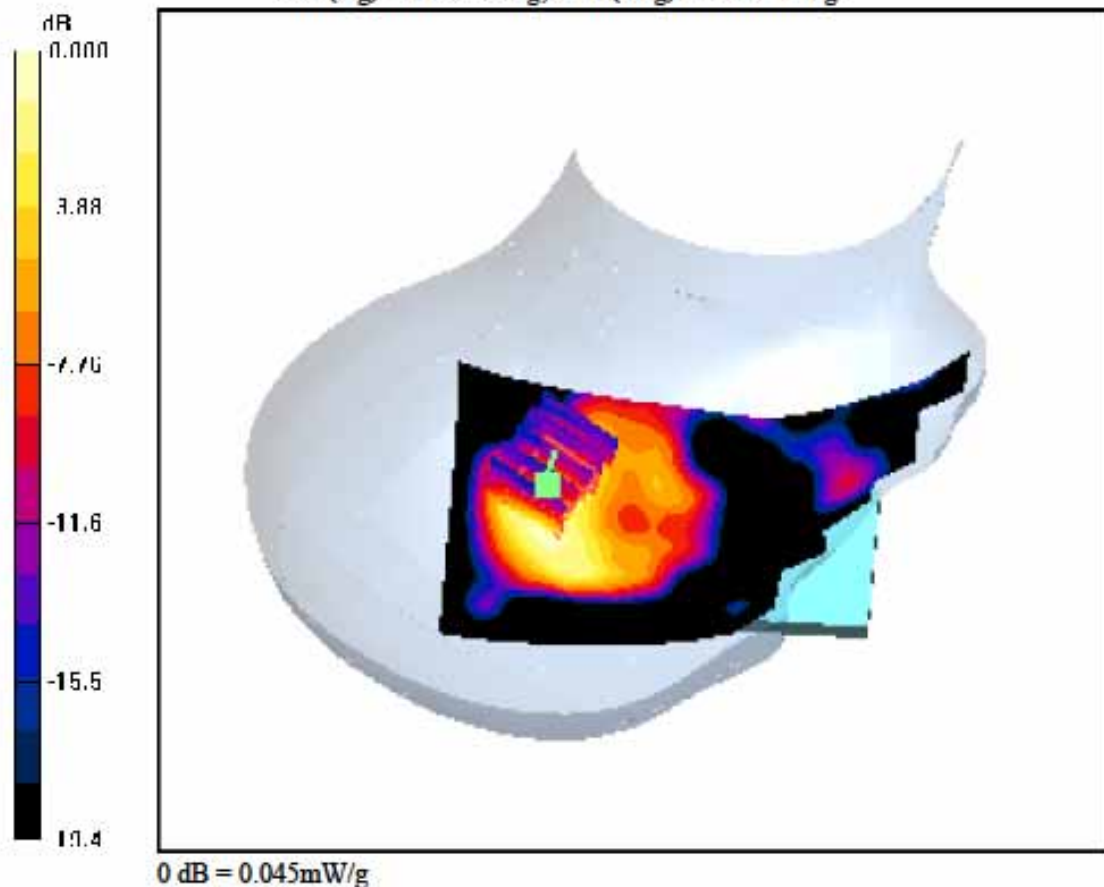
Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.312 dB

Peak SAR (extrapolated) = 0.067 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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

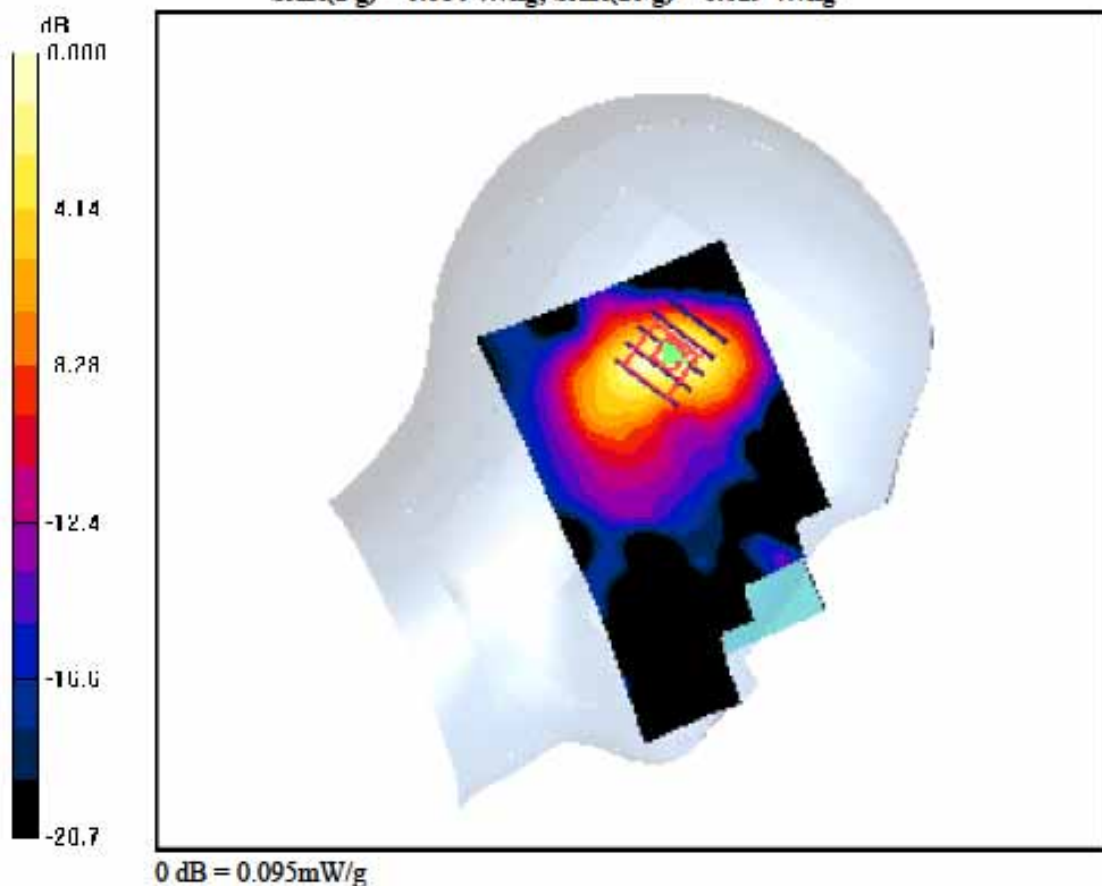
Date: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Left Tilt, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery**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 = 0.363 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.029 W/kg



DIGITAL EMC CO., LTD**DUT: LG-E730; Type: Bar**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: EX3DV4 - SN3643; ConvF(7.4, 7.4, 7.4); 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: 2011-06-22; Ambient Temp: 22.3; Tissue Temp: 22.5

Right Tilt, W-LAN(802.11b) Ch. 6, Ant Internal, Standard Battery**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 = 0.113 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.014 W/kg

