

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: $f = 835 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_1 = 41.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

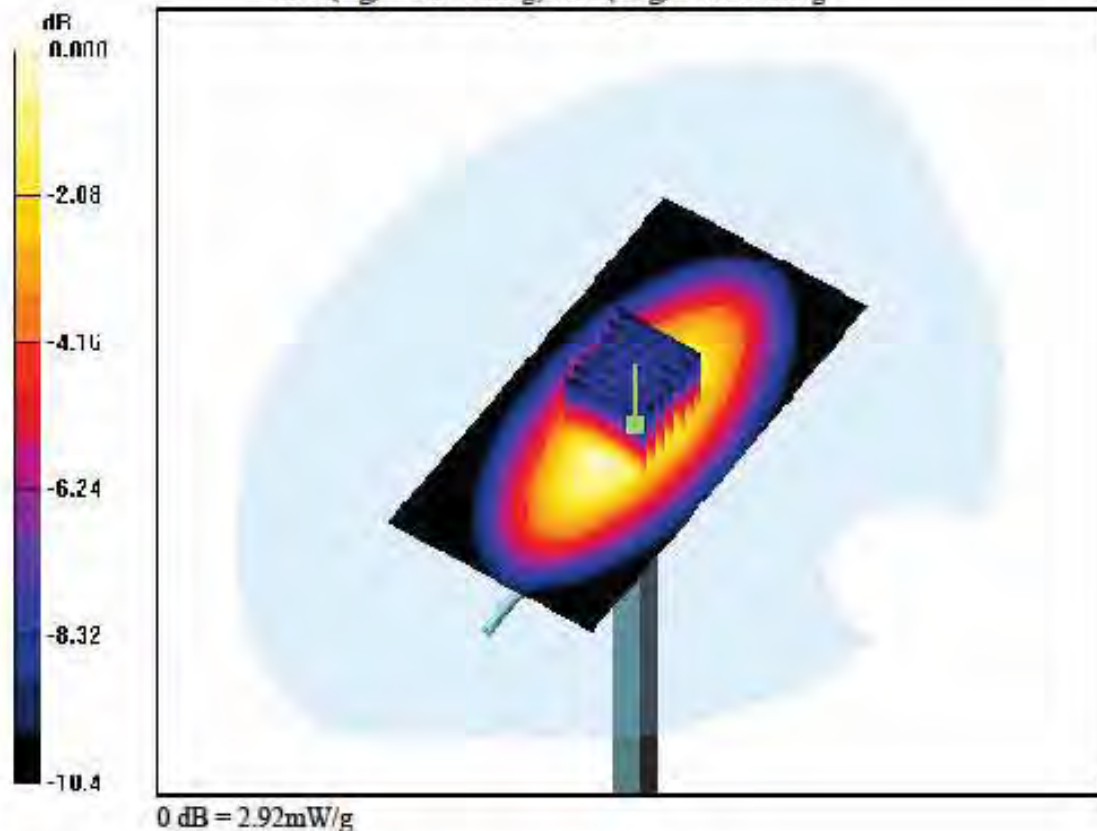
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; 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 = -0.051 dB
Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.56 mW/g



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; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Dipole Validation

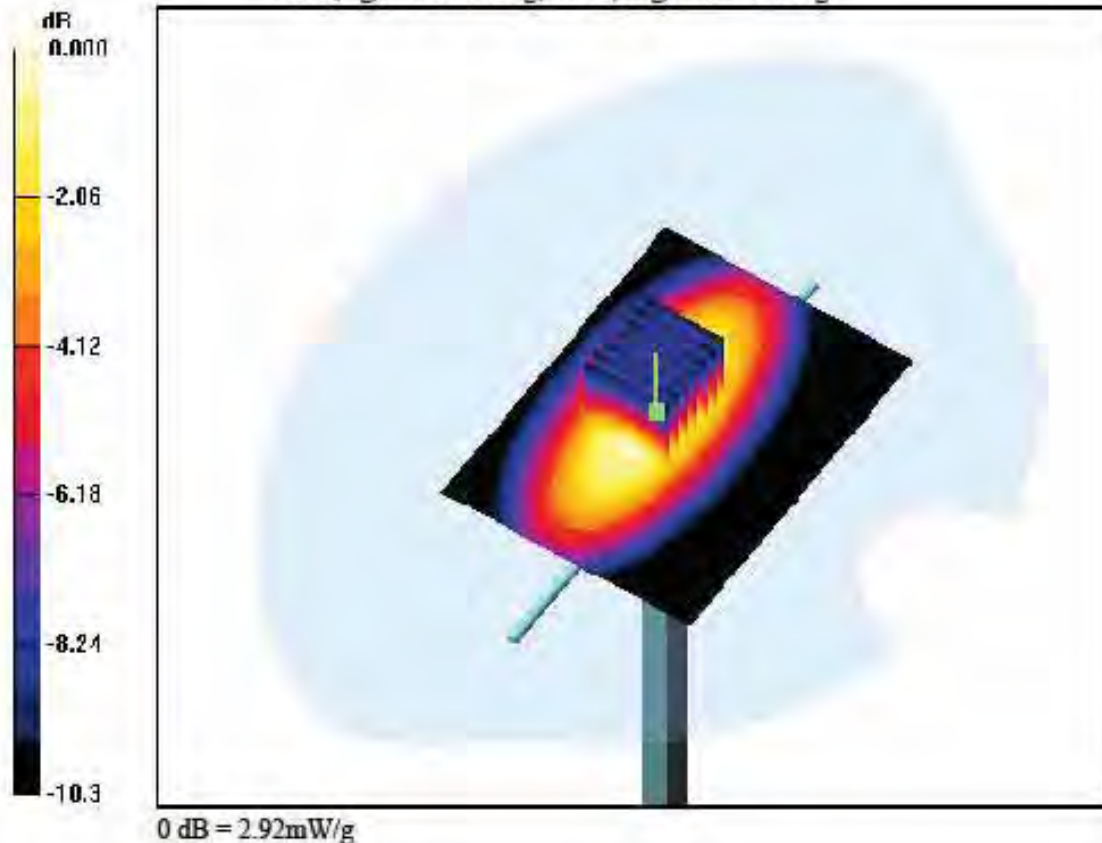
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.014 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 2.39 mW/g; SAR(10 g) = 1.57 mW/g



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: $f = 835 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

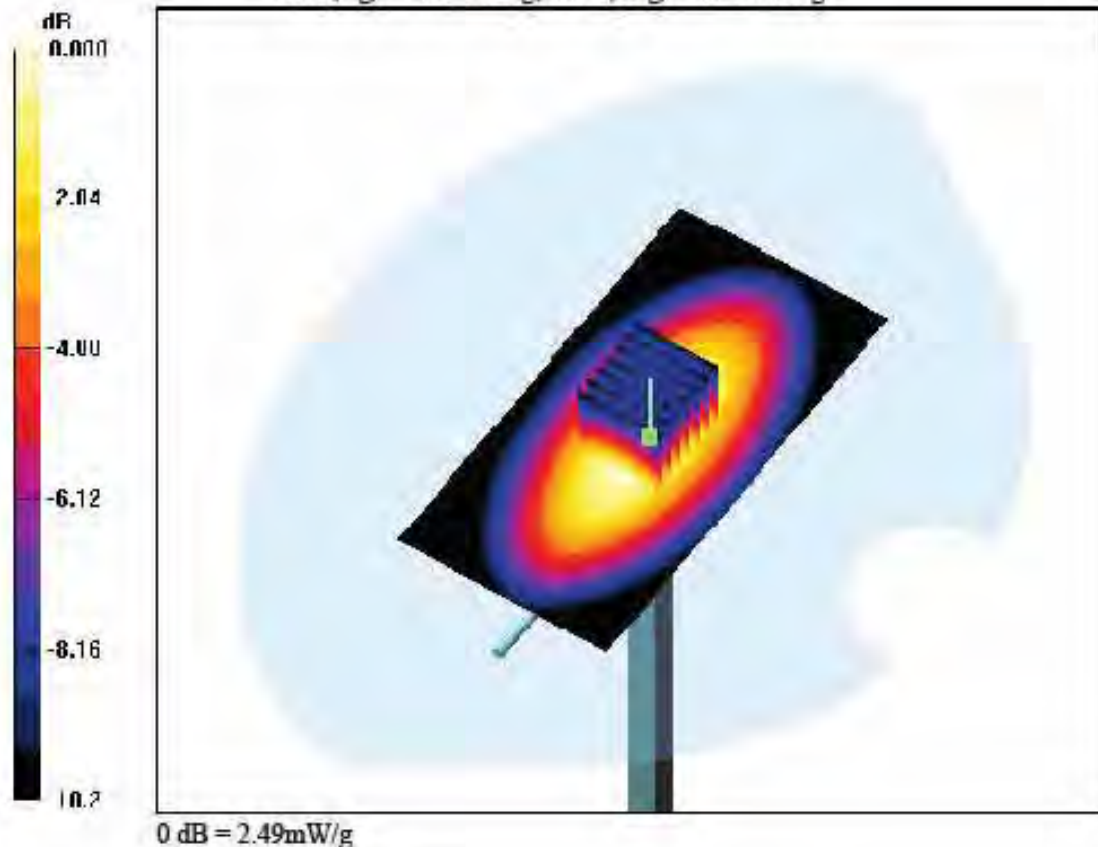
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

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 = 0.018 dB
 Peak SAR (extrapolated) = 3.49 W/kg
 SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.51 mW/g



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; $\sigma = 0.973$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

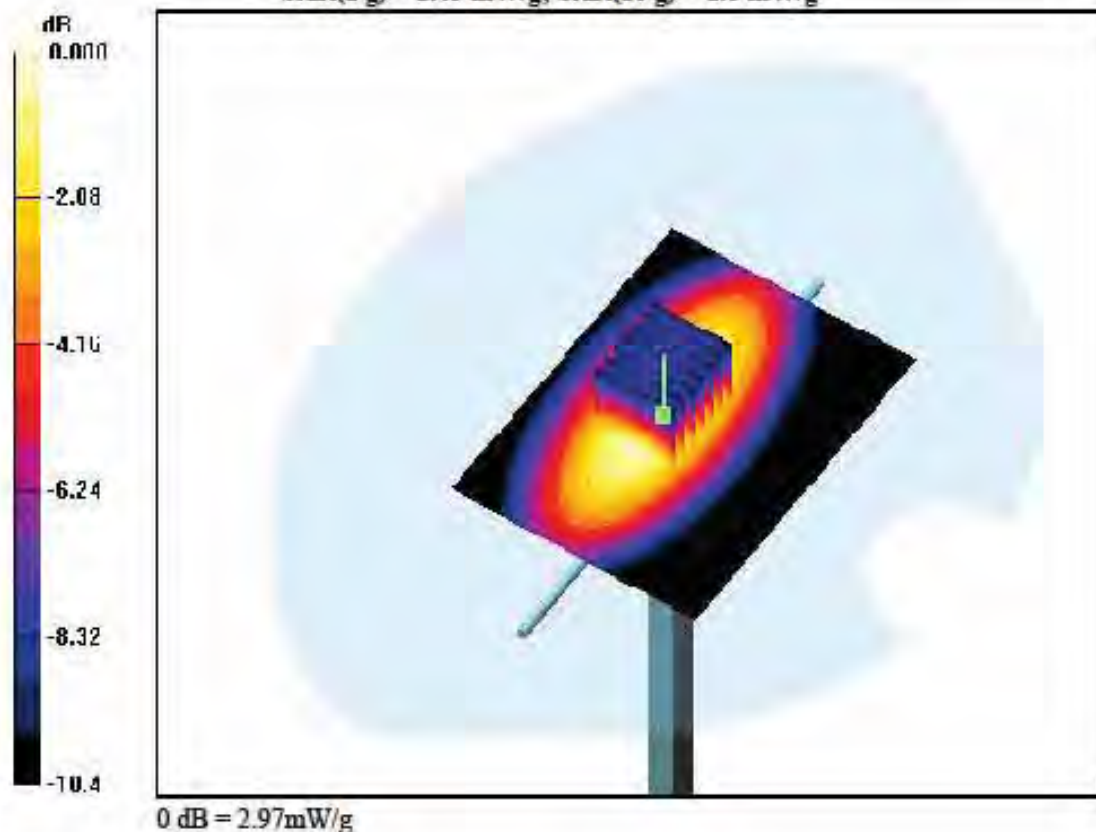
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Dipole Validation

Area Scan (61x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Power Drift = -0.035 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.6 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: $f = 1900 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Dipole Validation

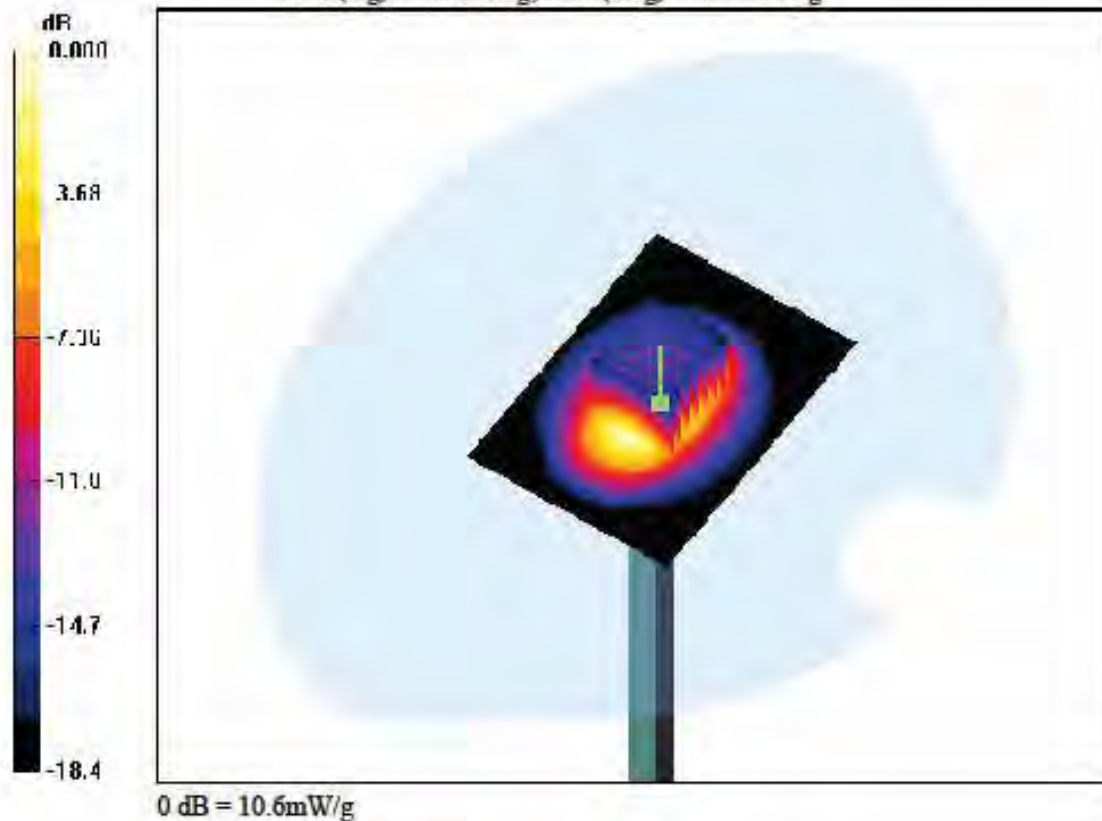
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.054 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.4 mW/g; SAR(10 g) = 4.78 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: $f = 1900 \text{ MHz}$; $\sigma = 1.54 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Dipole Validation

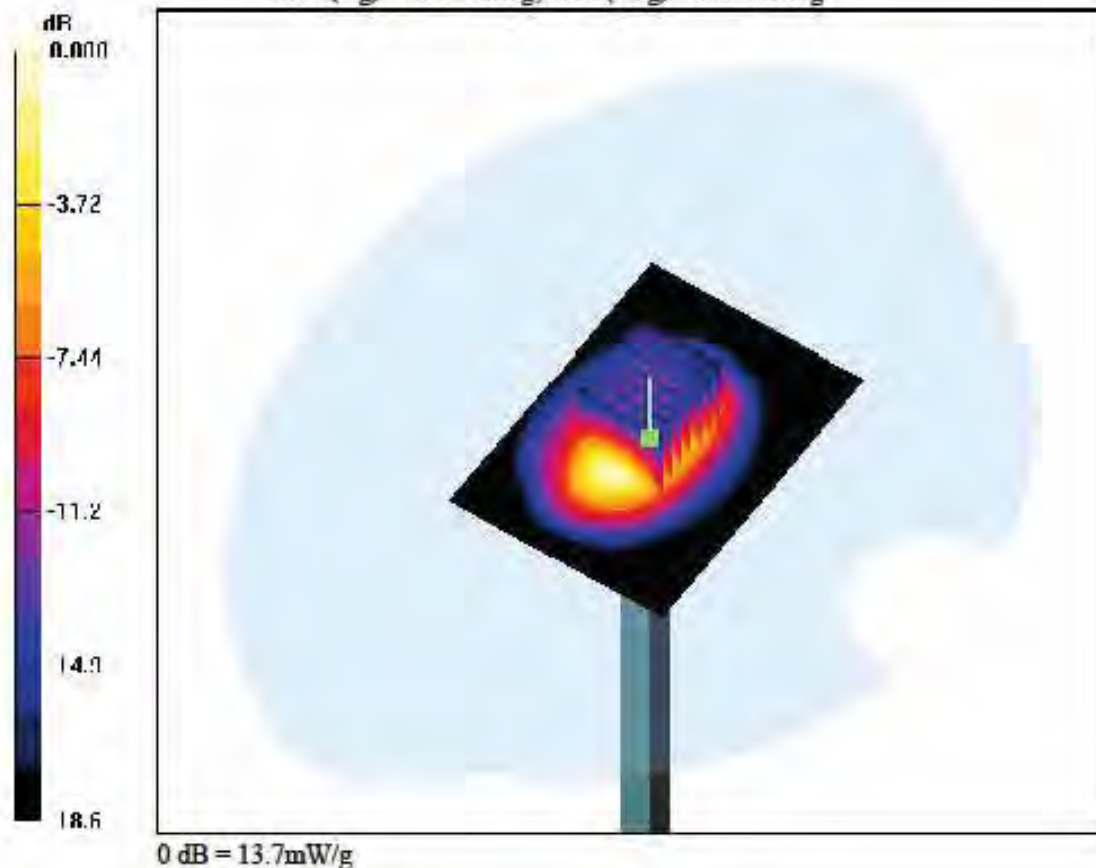
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.129 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.13 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: $f = 1900 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Dipole Validation

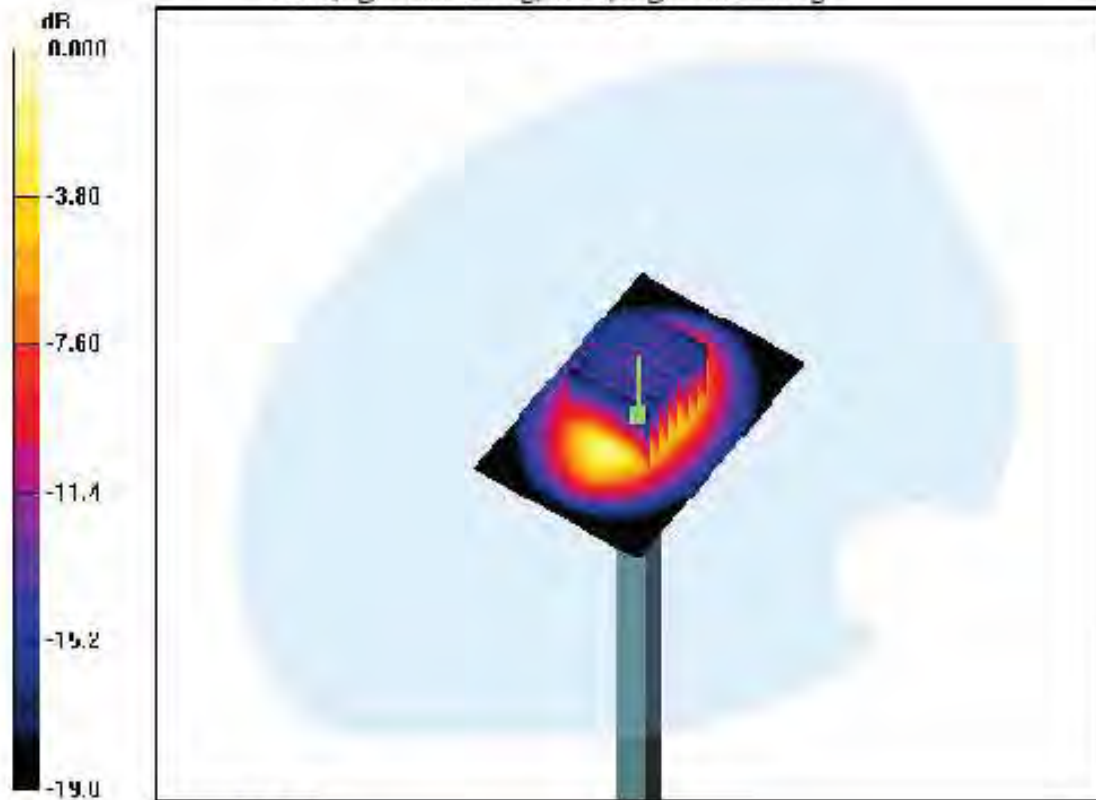
Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 19.7 W/kg

SAR(1 g) = 9.99 mW/g; SAR(10 g) = 5.03 mW/g



0 dB = 13.8mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Dipole Validation

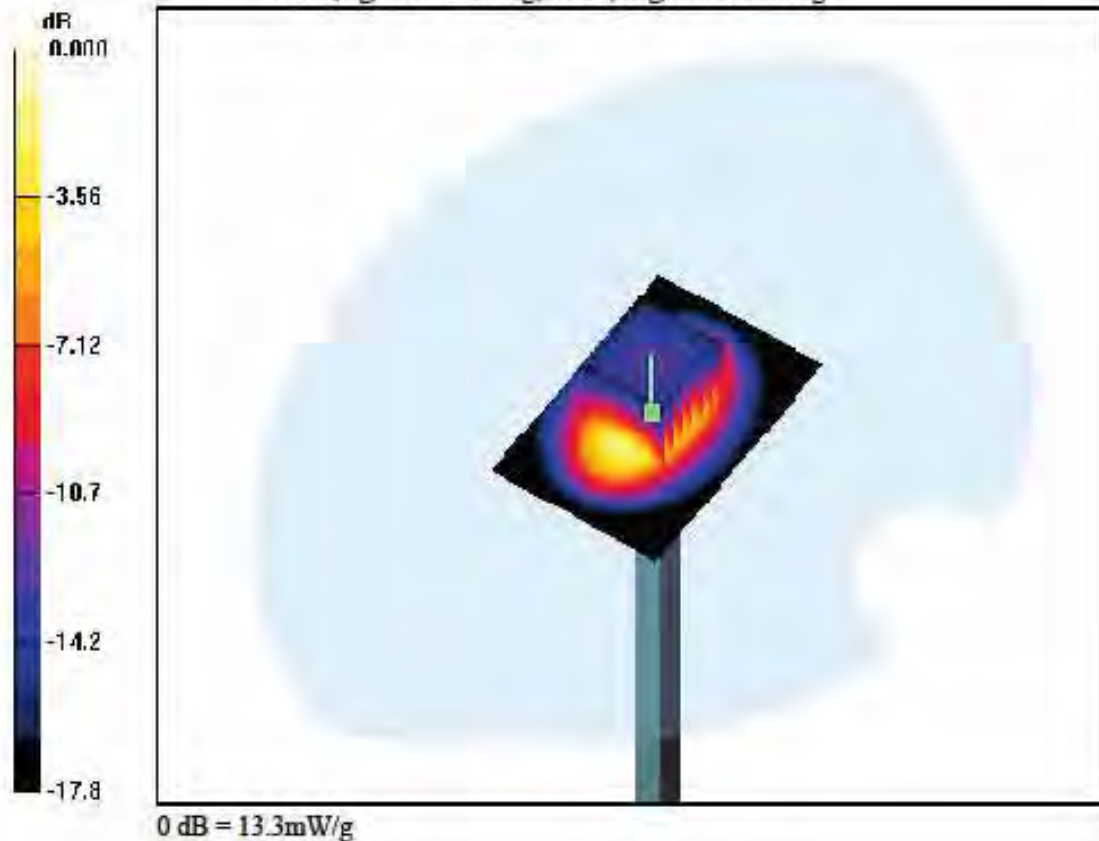
Area Scan (61x91x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Power Drift = 0.031 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 9.72 mW/g; SAR(10 g) = 4.98 mW/g



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; $\sigma = 1.92$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Dipole Validation

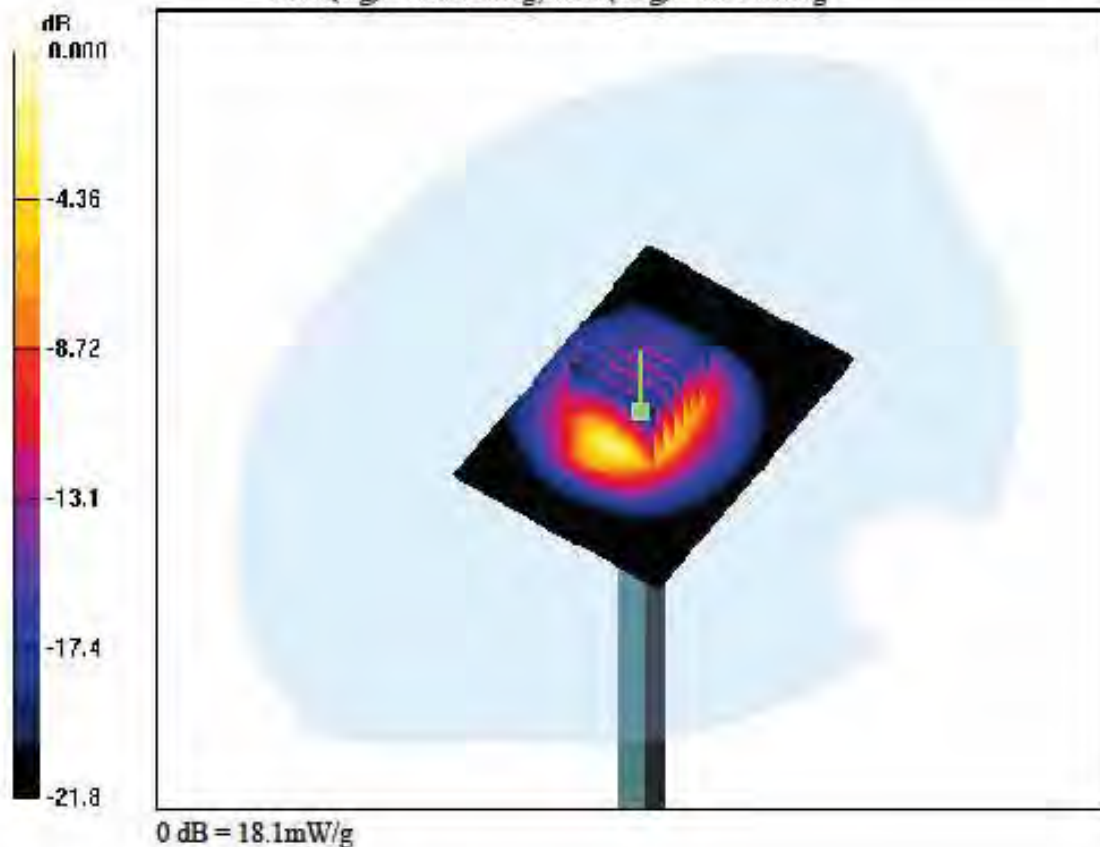
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.007 dB

Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.94 mW/g



Attachment 2. – SAR Test Plots

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.932 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

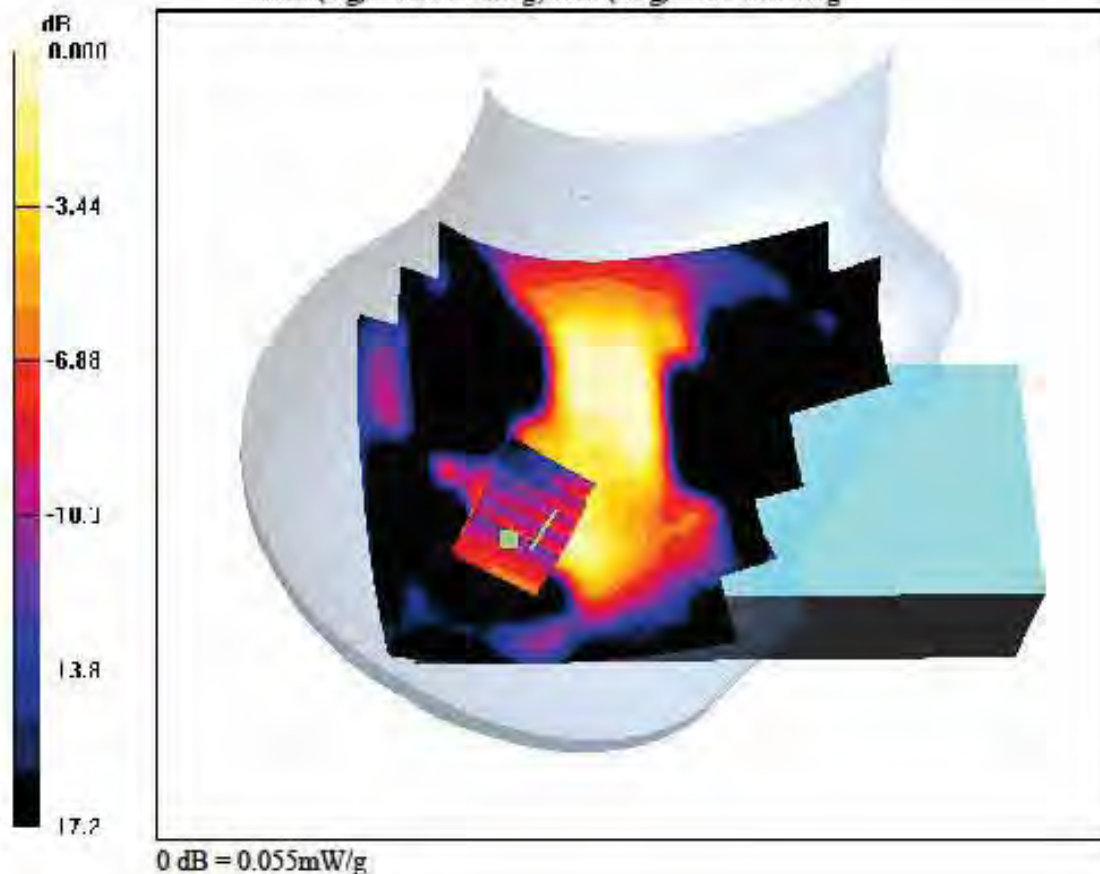
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

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

Area Scan (101x161x1): 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 = -0.061 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.023 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.932 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
 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

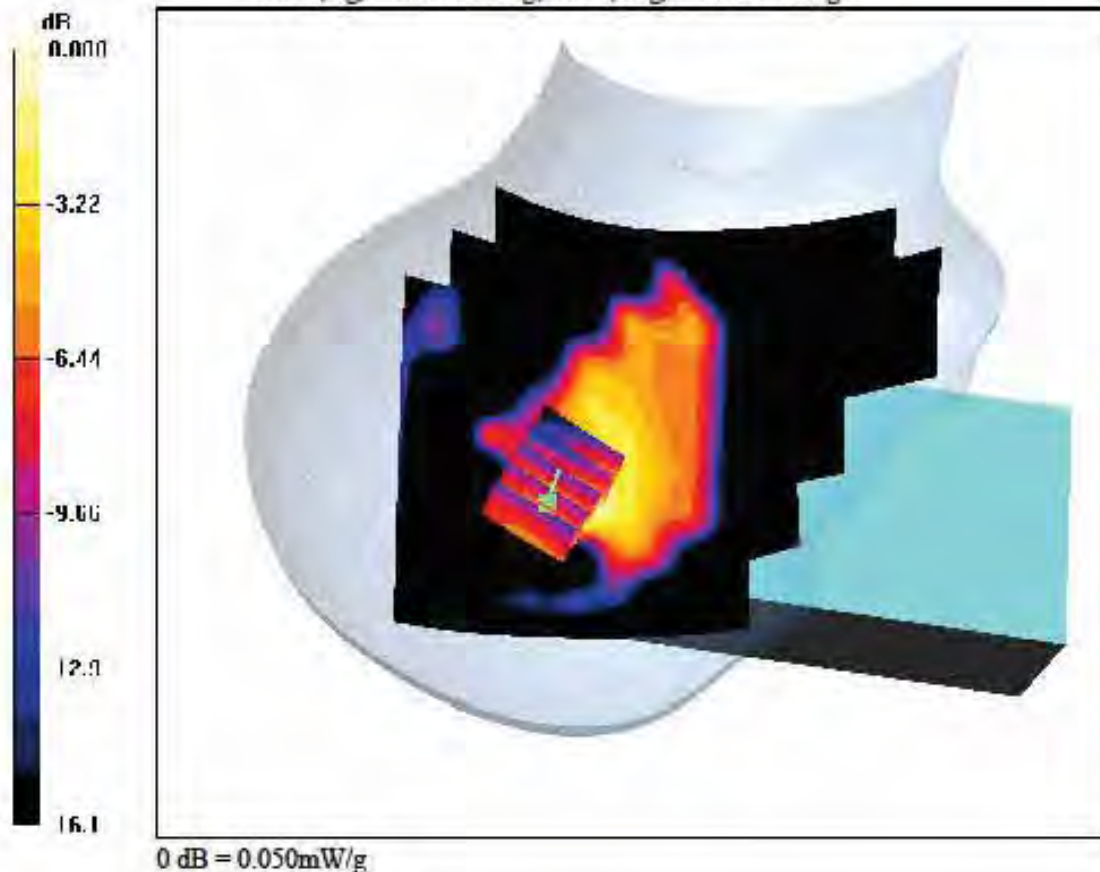
Test Date: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Right Tilt, GSM850 Ch. 190, Ant Internal, Standard Battery**Area Scan (101x161x1):** 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 = 0.020 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

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

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

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

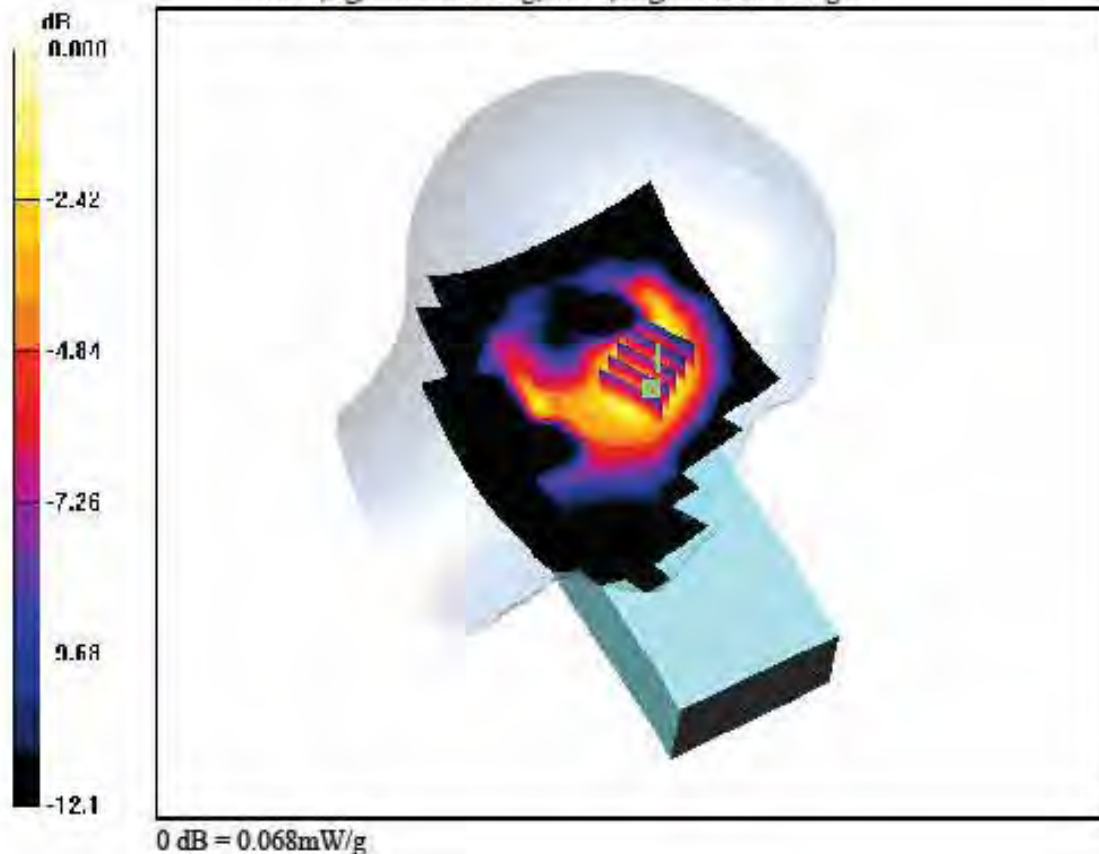
Test Date: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, GSM850 Ch. 128, Ant Internal, Standard Battery**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.037 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.932 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

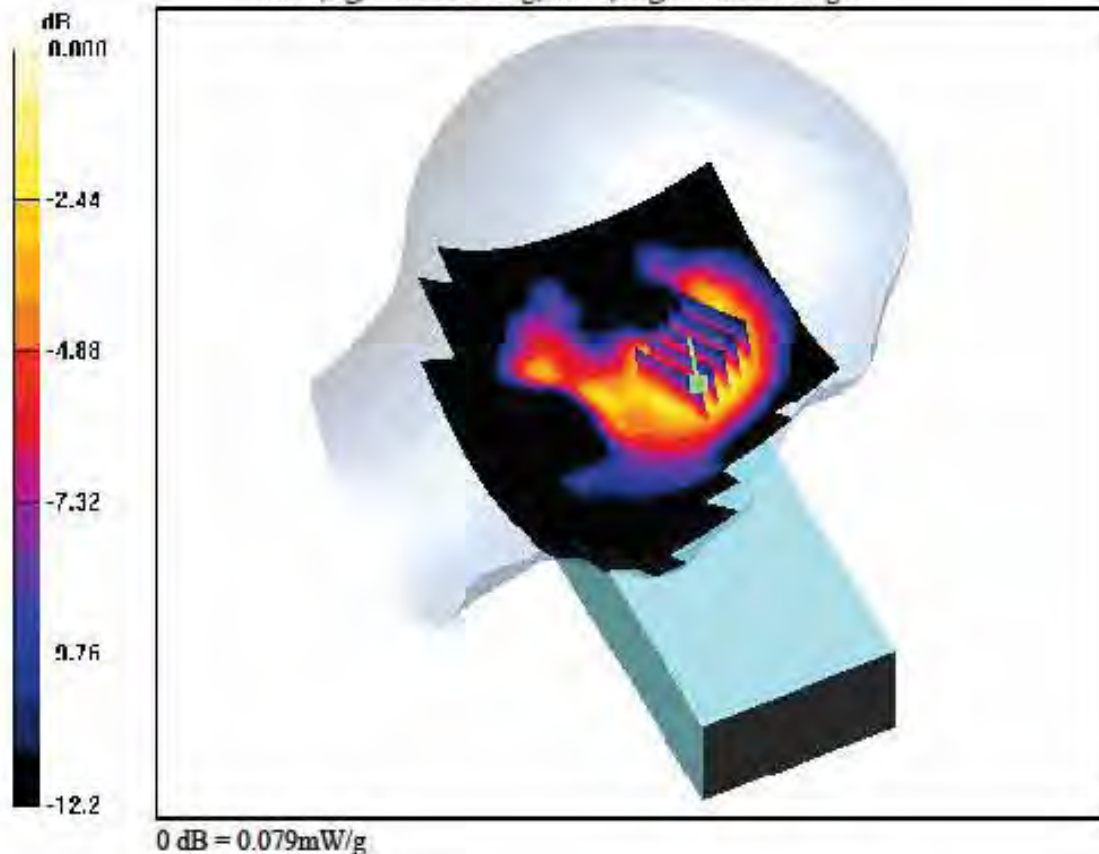
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

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

Area Scan (101x161x1): 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 = -0.057 dB
 Peak SAR (extrapolated) = 0.103 W/kg
 SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.041 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

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

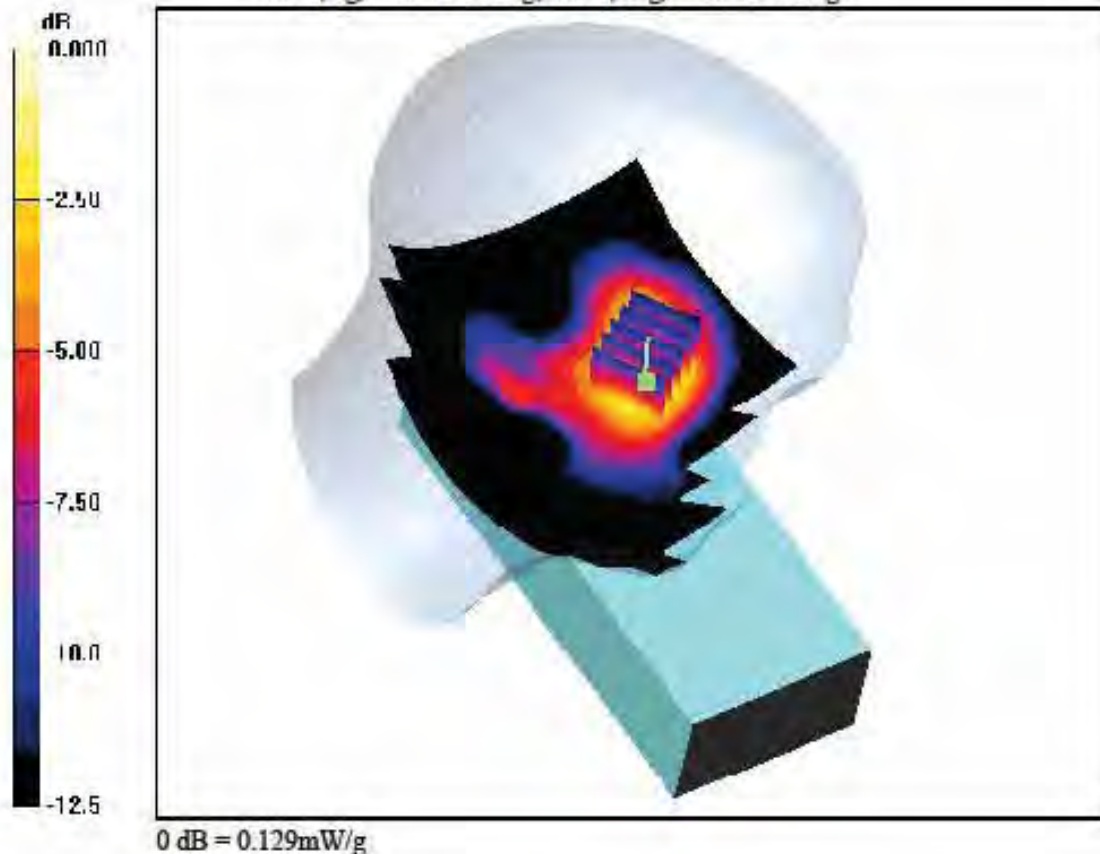
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.085 dB

Peak SAR (extrapolated) = 0.168 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.065 mW/g



DIGITAL EMC CO., LTD

DUT: BIP-1500; Type: PDA

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.932 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

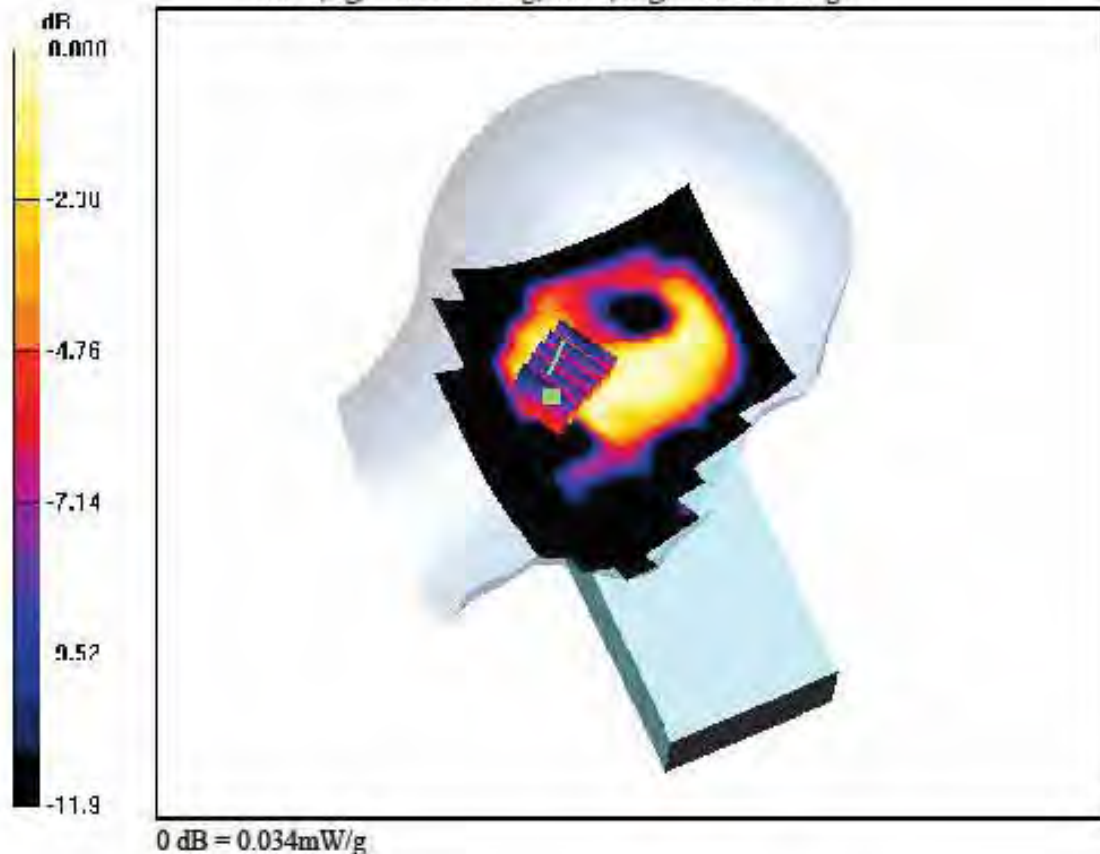
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

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

Area Scan (101x161x1): 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 = -0.169 dB
Peak SAR (extrapolated) = 0.042 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.017 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, Sim2, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = 0.040 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.064 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, RFID, GSM850 Ch. 251, Ant Internal, Standard Battery

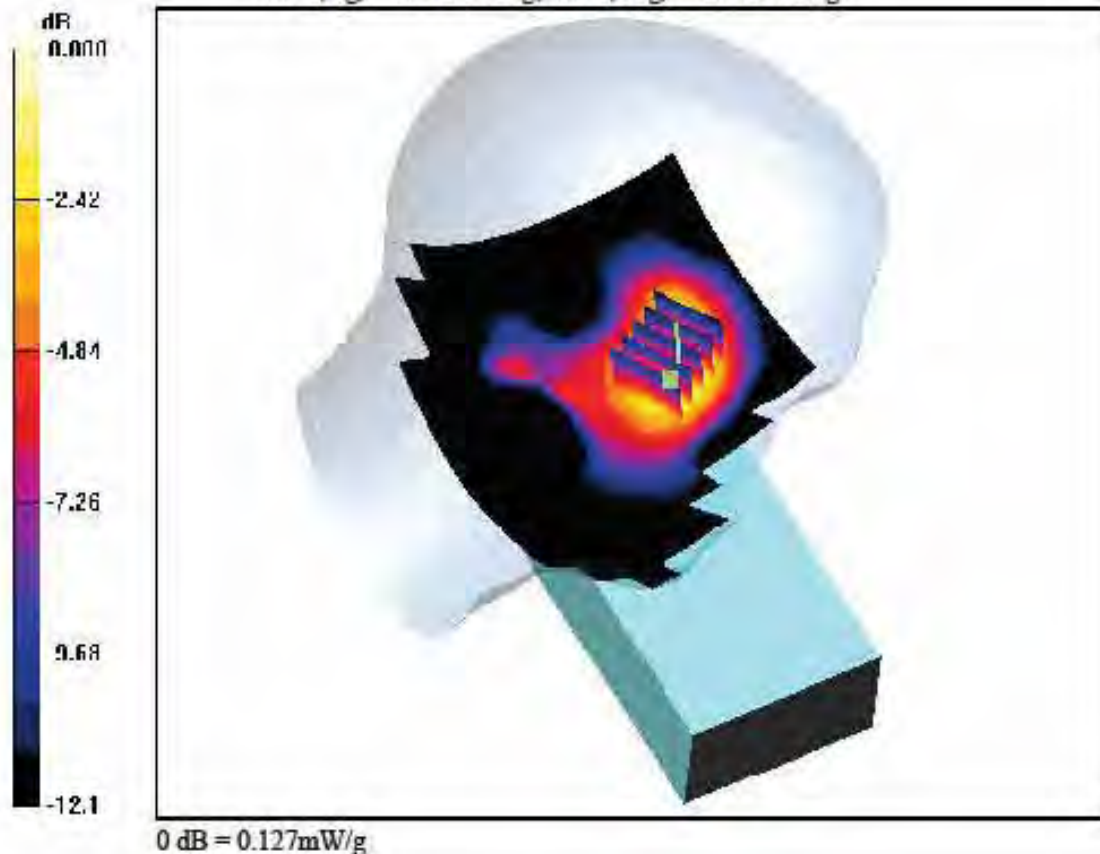
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.063 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

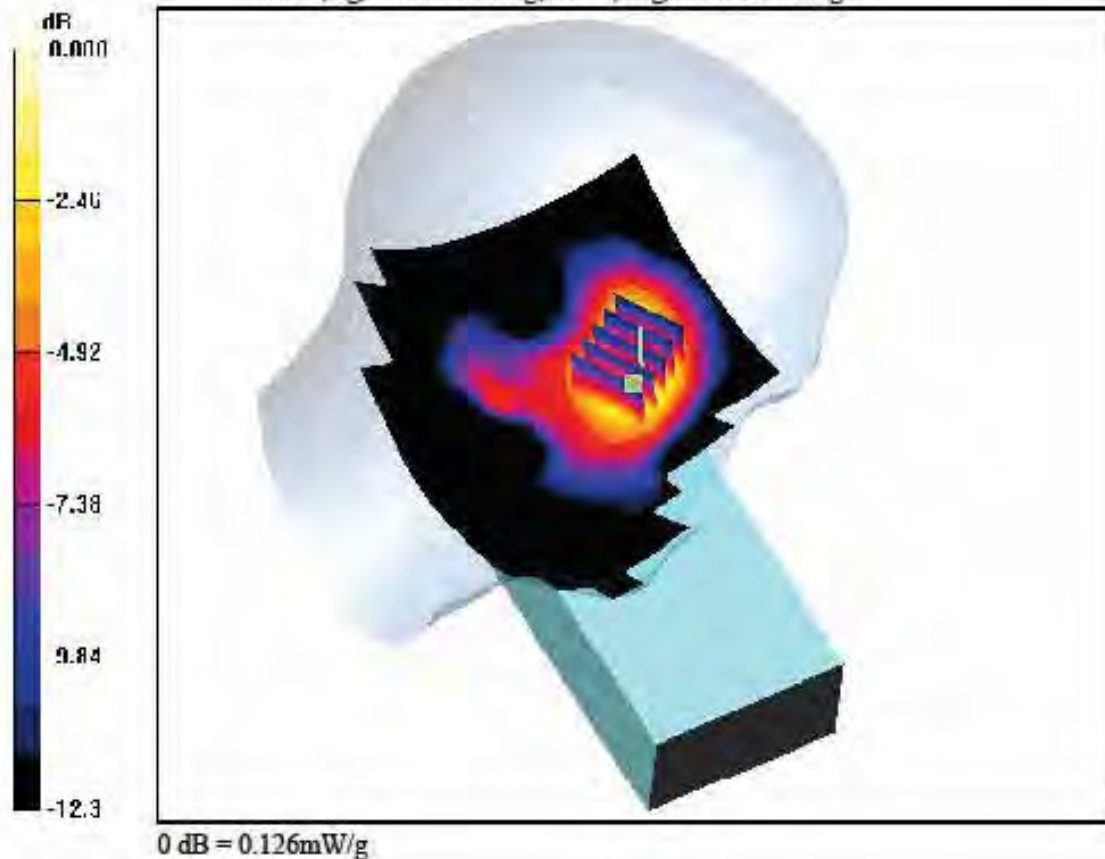
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, RFID Sim2, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = 0.192 dB
 Peak SAR (extrapolated) = 0.164 W/kg
 SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.063 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

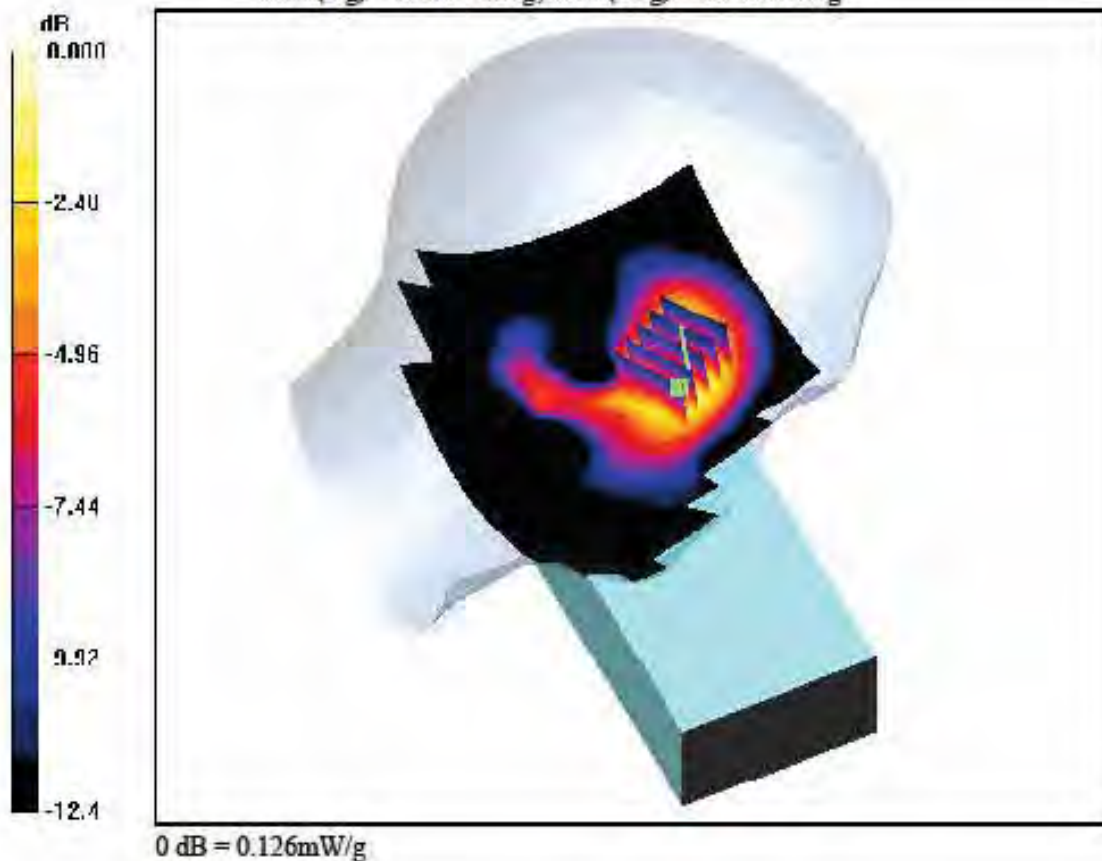
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, Card Reader, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.169 dB
 Peak SAR (extrapolated) = 0.164 W/kg
 SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.063 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

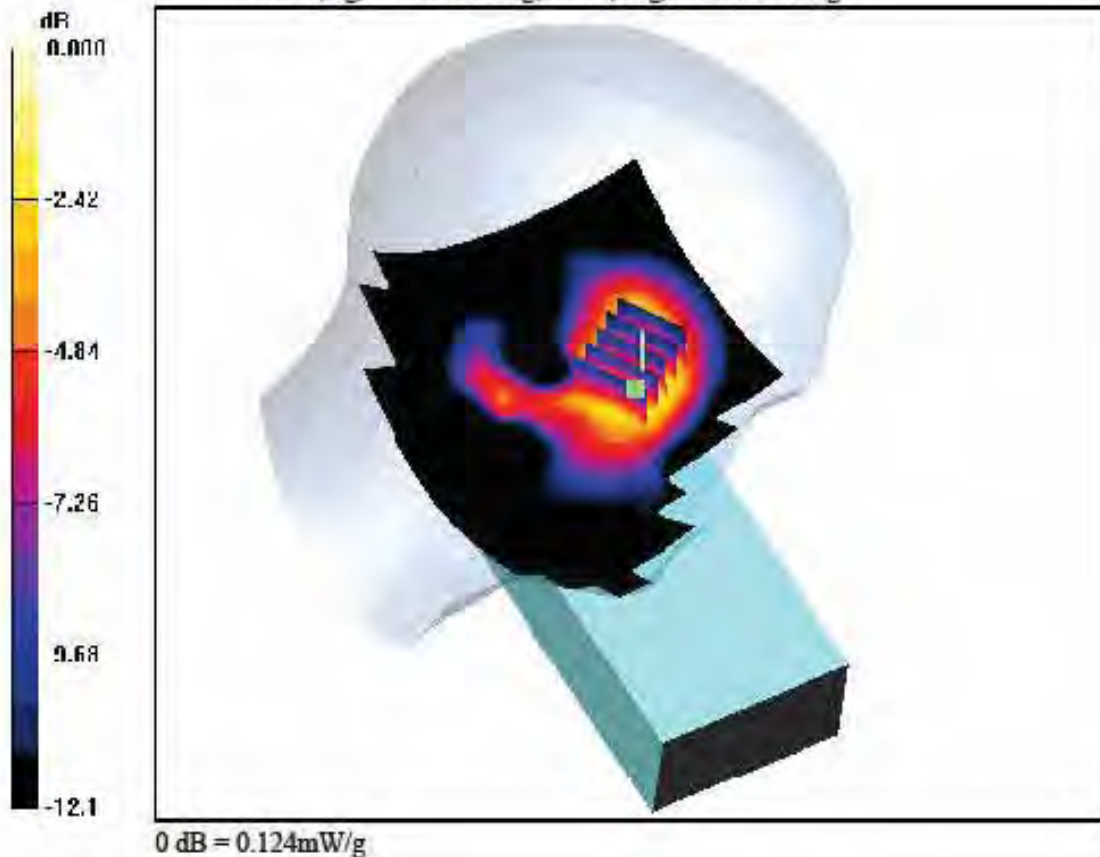
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, Card Reader Sim2, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.128 dB
 Peak SAR (extrapolated) = 0.160 W/kg
 SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.062 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

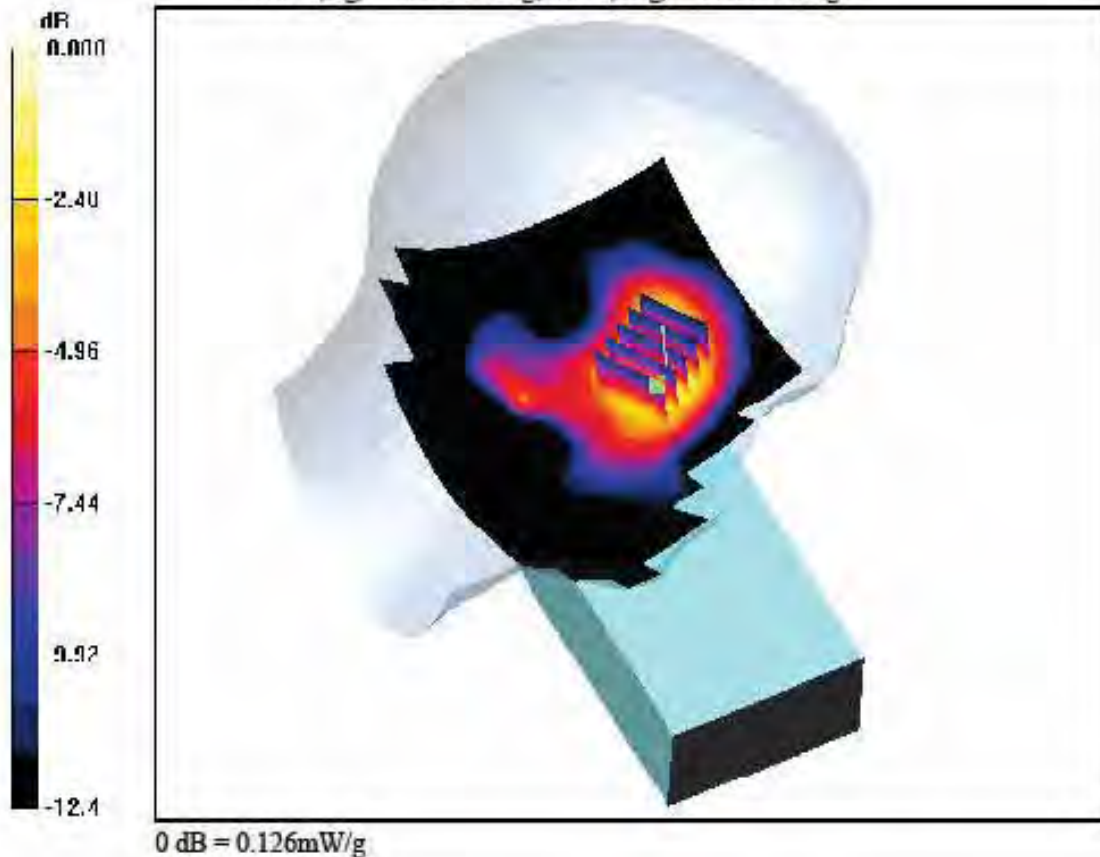
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, Finger Printer, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (101x161x1): 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) = 0.163 W/kg
 SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.063 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

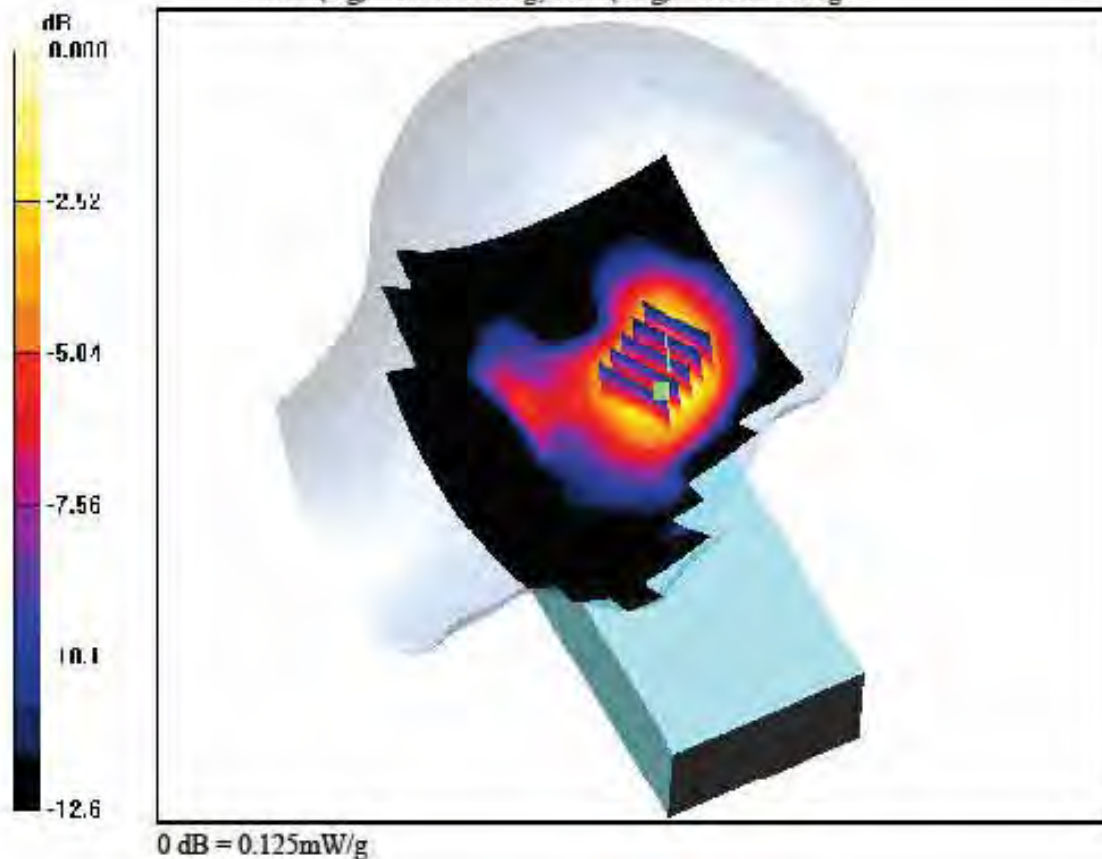
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Left Touch, Finger Printer Sim2, GSM850 Ch. 251, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.068 dB
 Peak SAR (extrapolated) = 0.162 W/kg
 SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.063 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

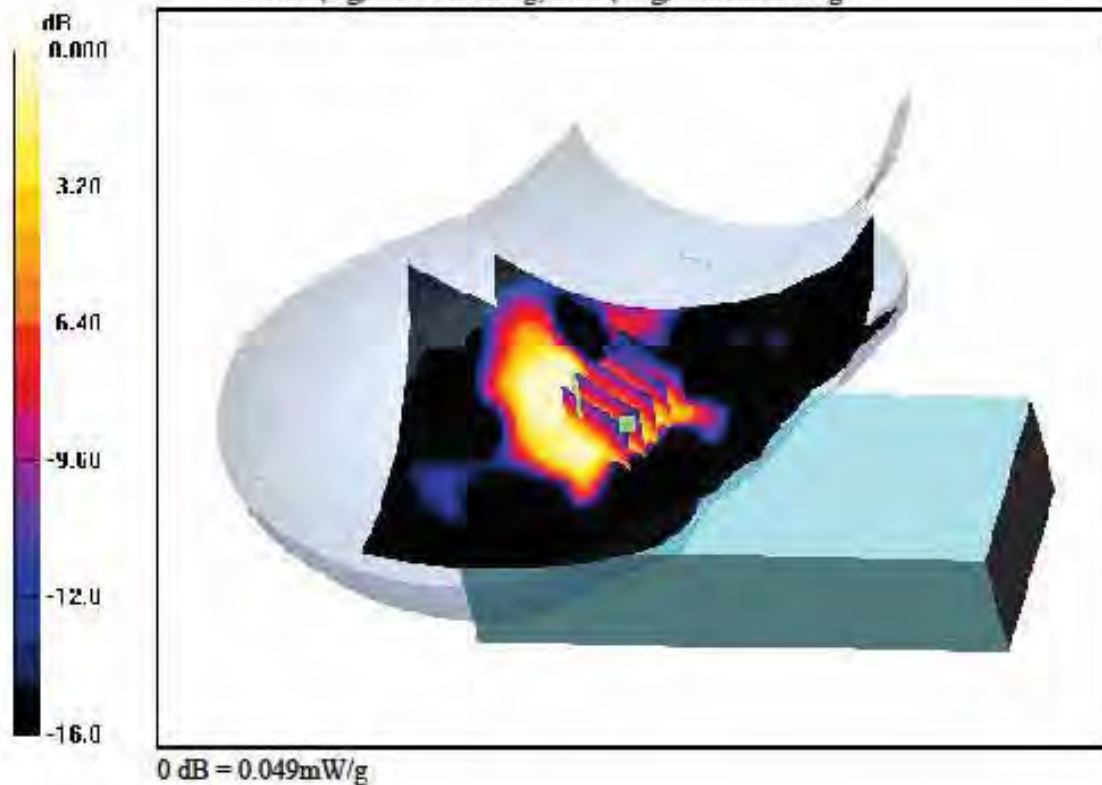
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

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

Area Scan (91x161x1): 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 = 0.068 dB
 Peak SAR (extrapolated) = 0.064 W/kg
 SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.025 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

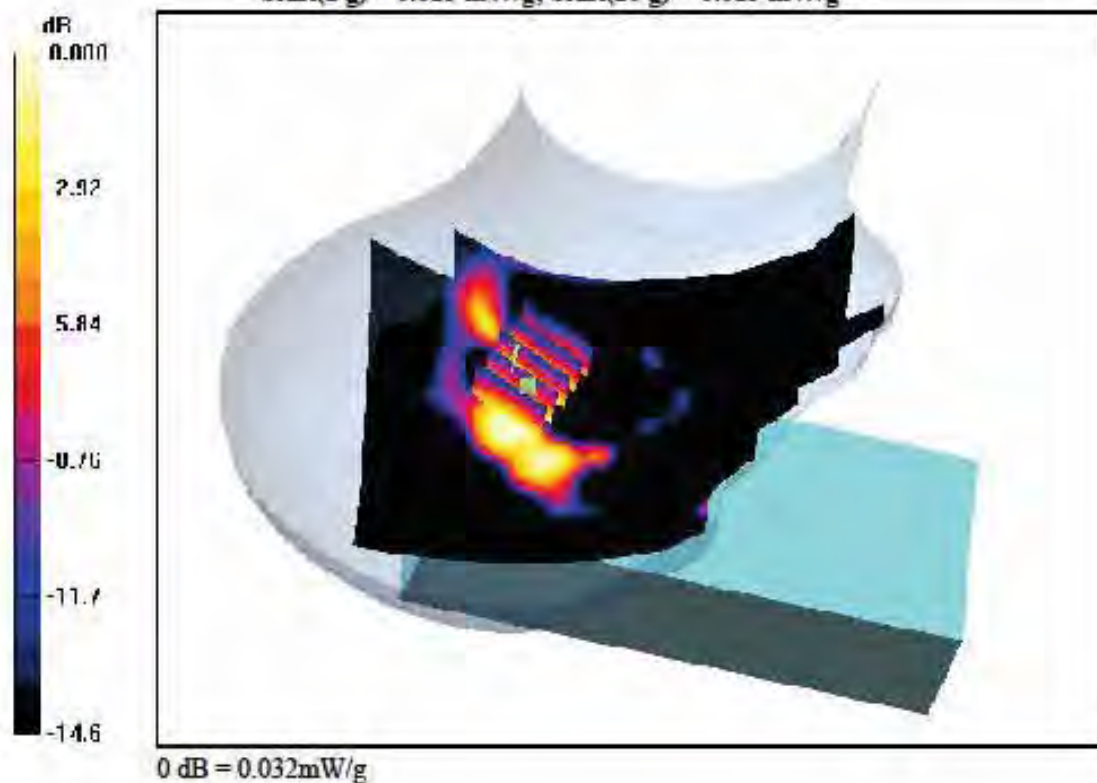
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

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

Area Scan (91x161x1): 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 = -0.135 dB
 Peak SAR (extrapolated) = 0.041 W/kg
 SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

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

Area Scan (91x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.073 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³
Phantom section: Left Section

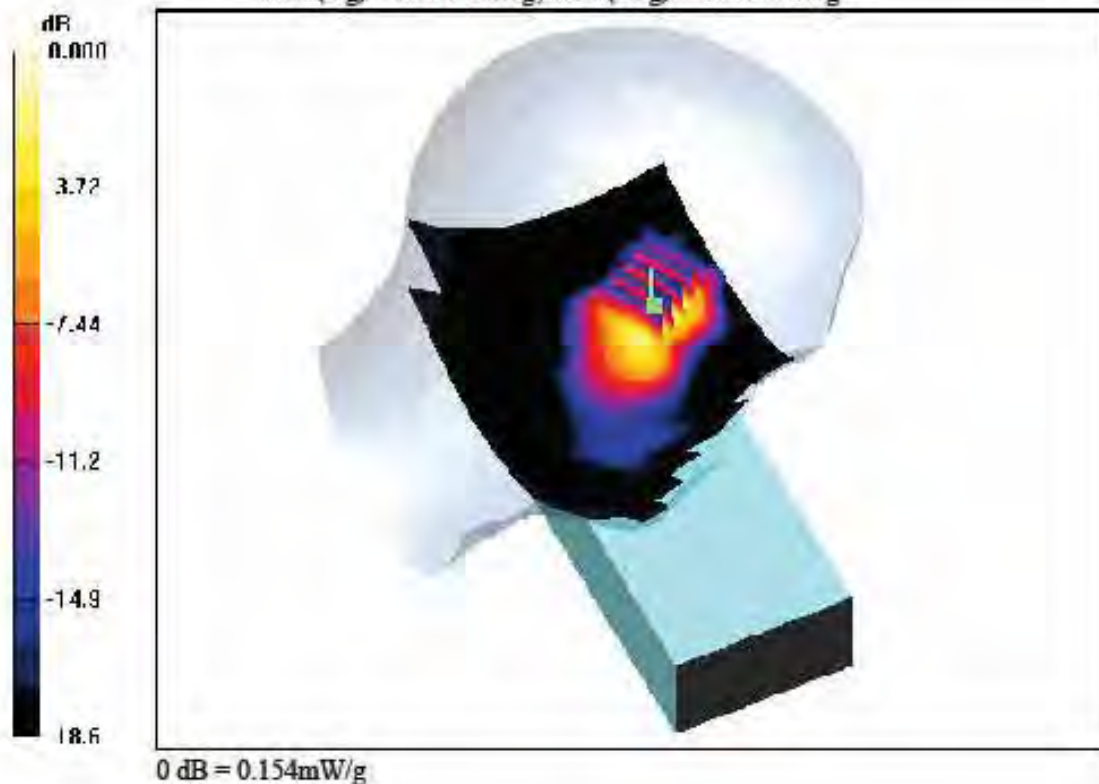
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

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

Area Scan (91x161x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Power Drift = -0.073 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.059 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

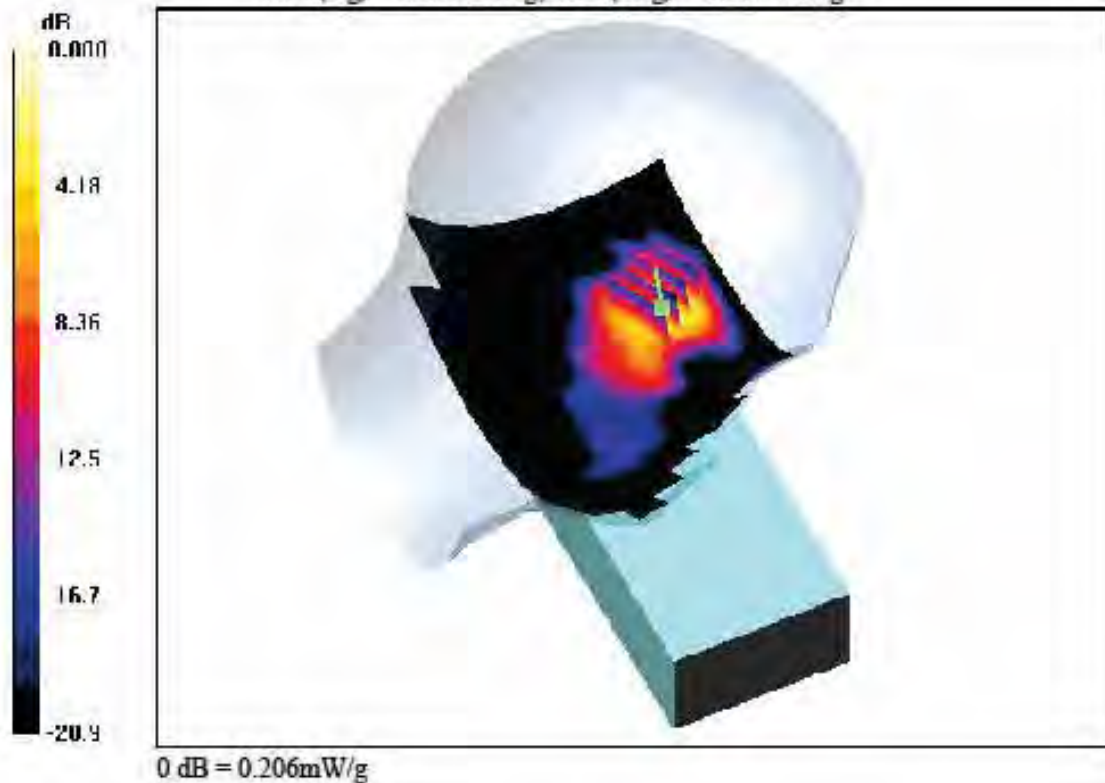
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): 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 = 0.082 dB
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.077 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

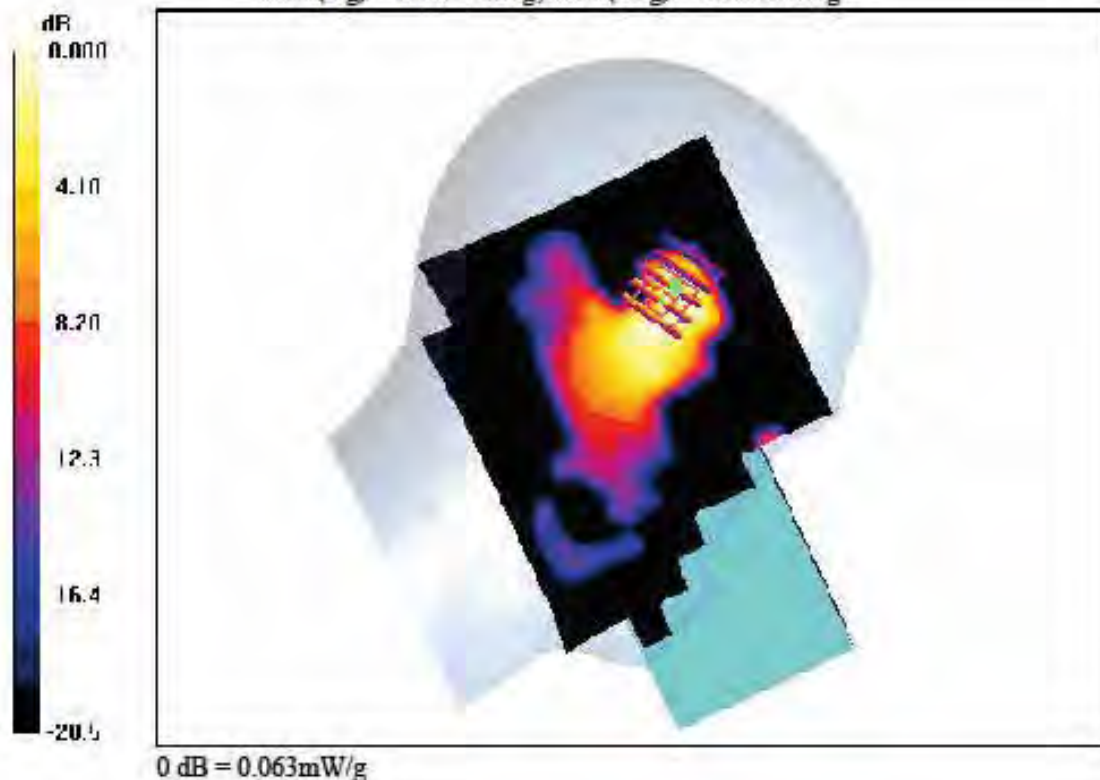
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

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

Area Scan (101x161x1): 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) = 0.086 W/kg
 SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.025 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, Sim2, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): 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) = 0.287 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.076 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

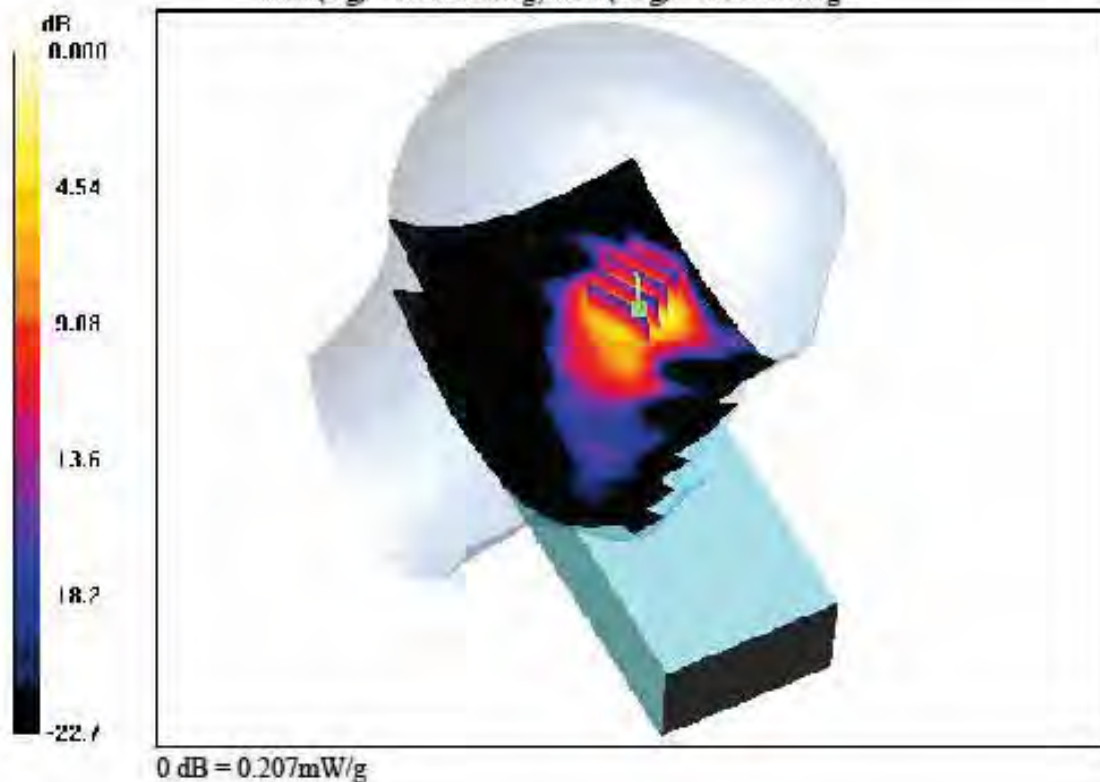
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, RFID, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): 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) = 0.294 W/kg
 SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.076 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, RFID SIM2, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): 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) = 0.293 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.075 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

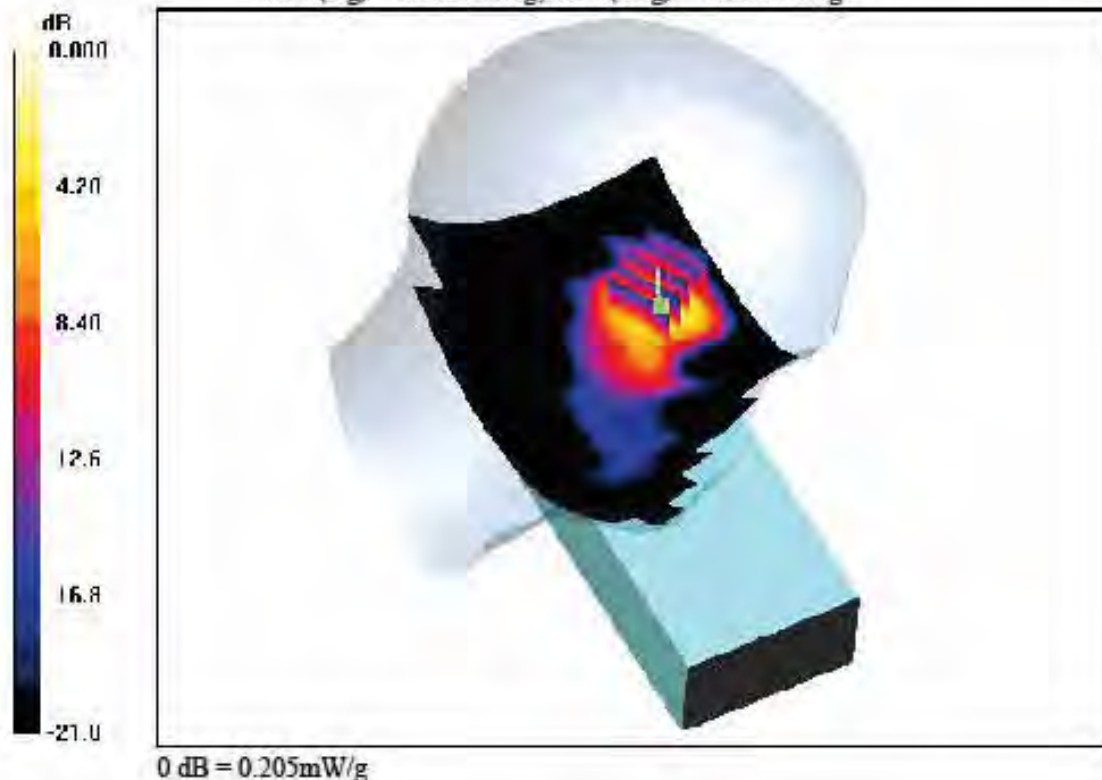
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, Card Reader, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): 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) = 0.292 W/kg
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.076 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

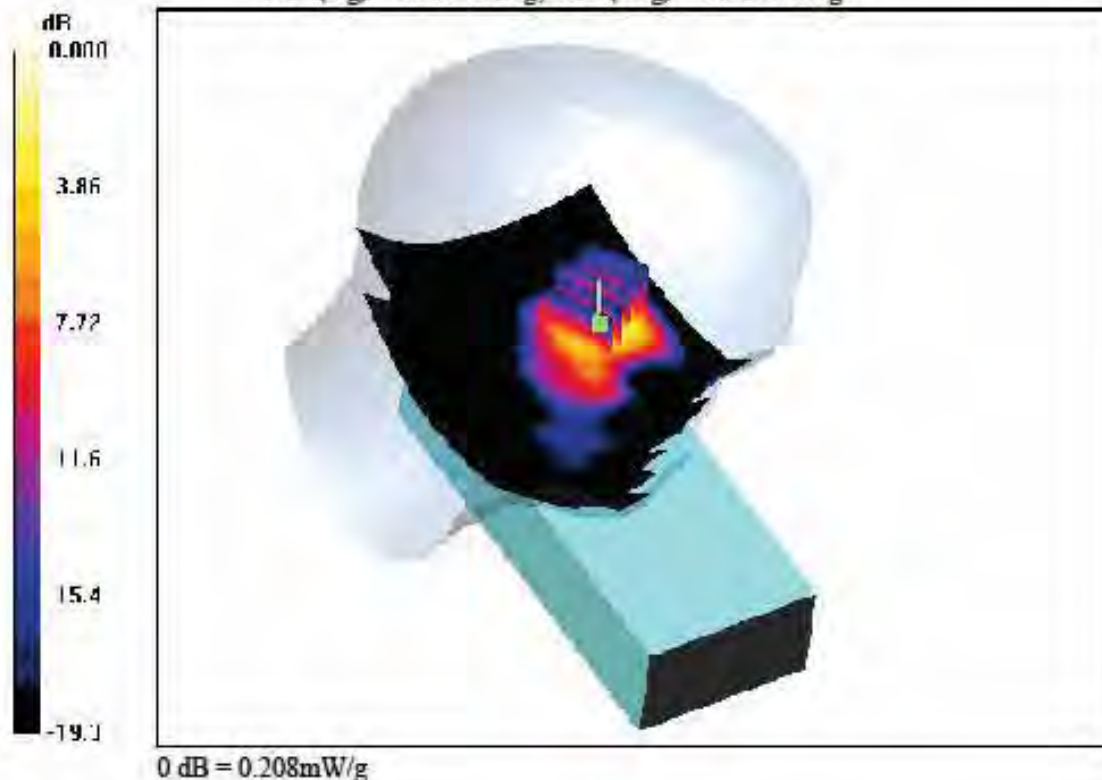
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, Card Reader Sim2, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.075 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

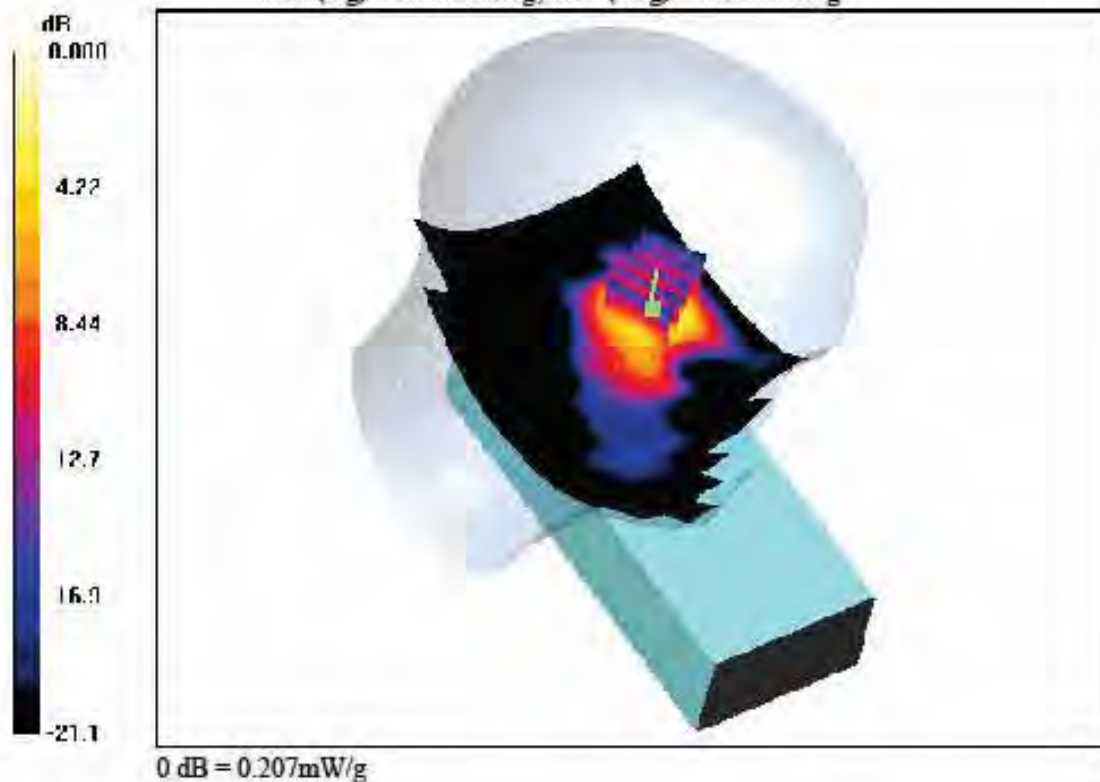
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, Finger Printer, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.134 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.076 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³
Phantom section: Left Section

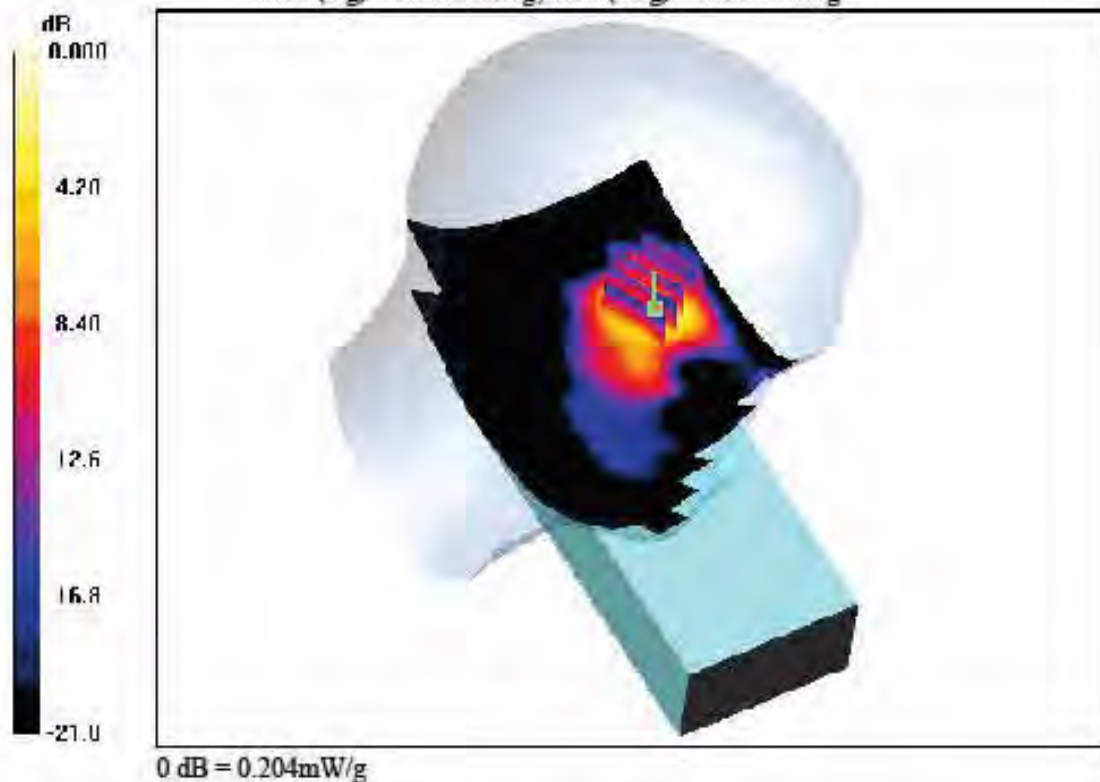
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, Finger Printer SIM2, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.068 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.076 mW/g



DIGITAL EMC CO., LTD

DUT: BIP-1500; Type: PDA

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.896$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Right Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

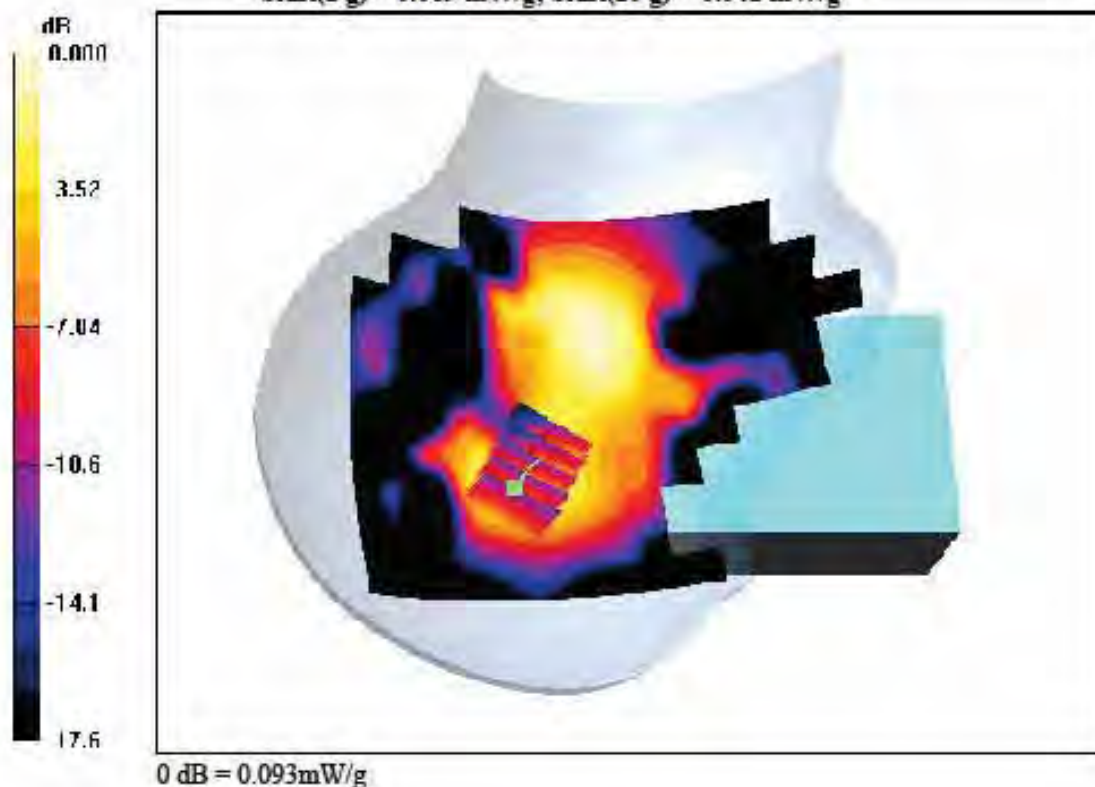
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.041 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

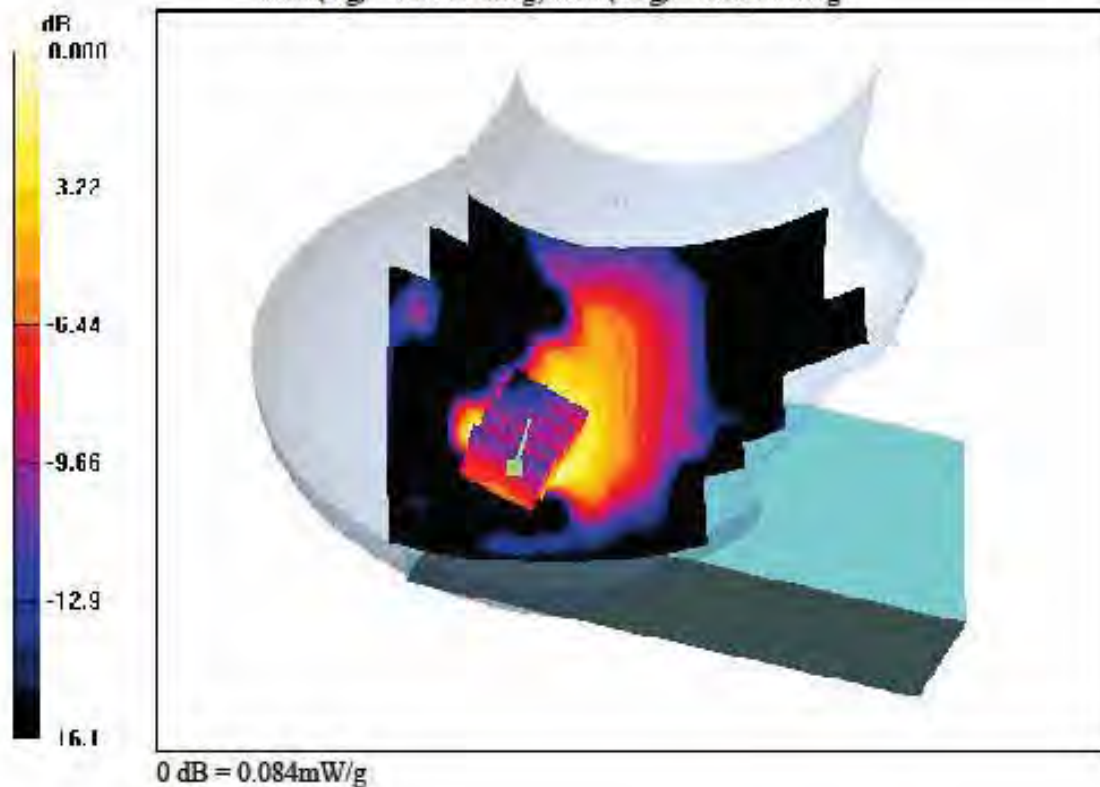
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Right Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.155 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.034 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.872 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, WCDMA850 Ch. 4132, Ant Internal, Standard Battery

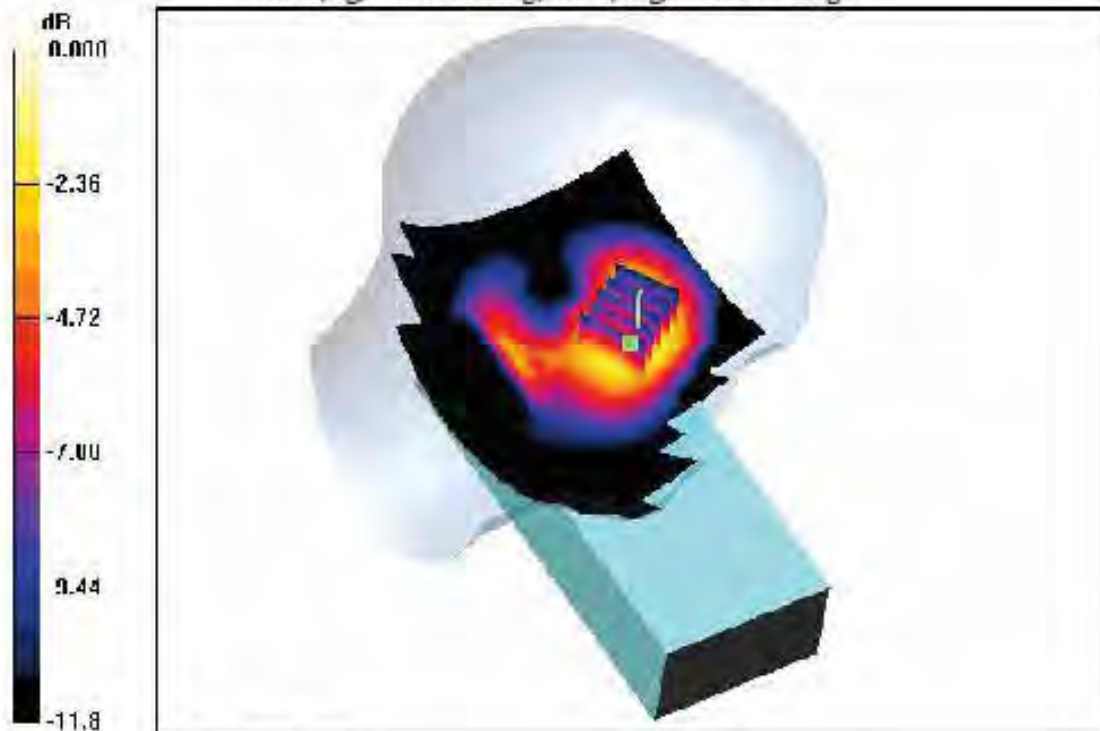
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.080 mW/g



0 dB = 0.149mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

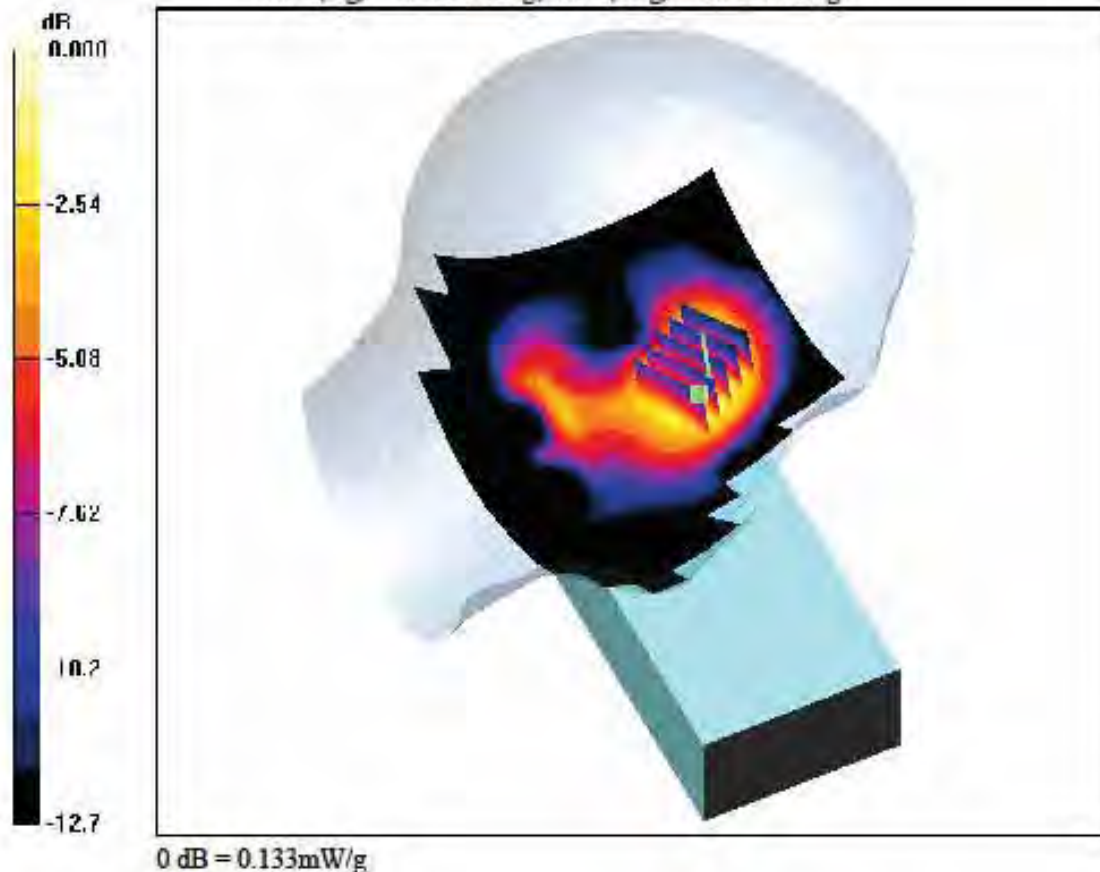
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.066 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

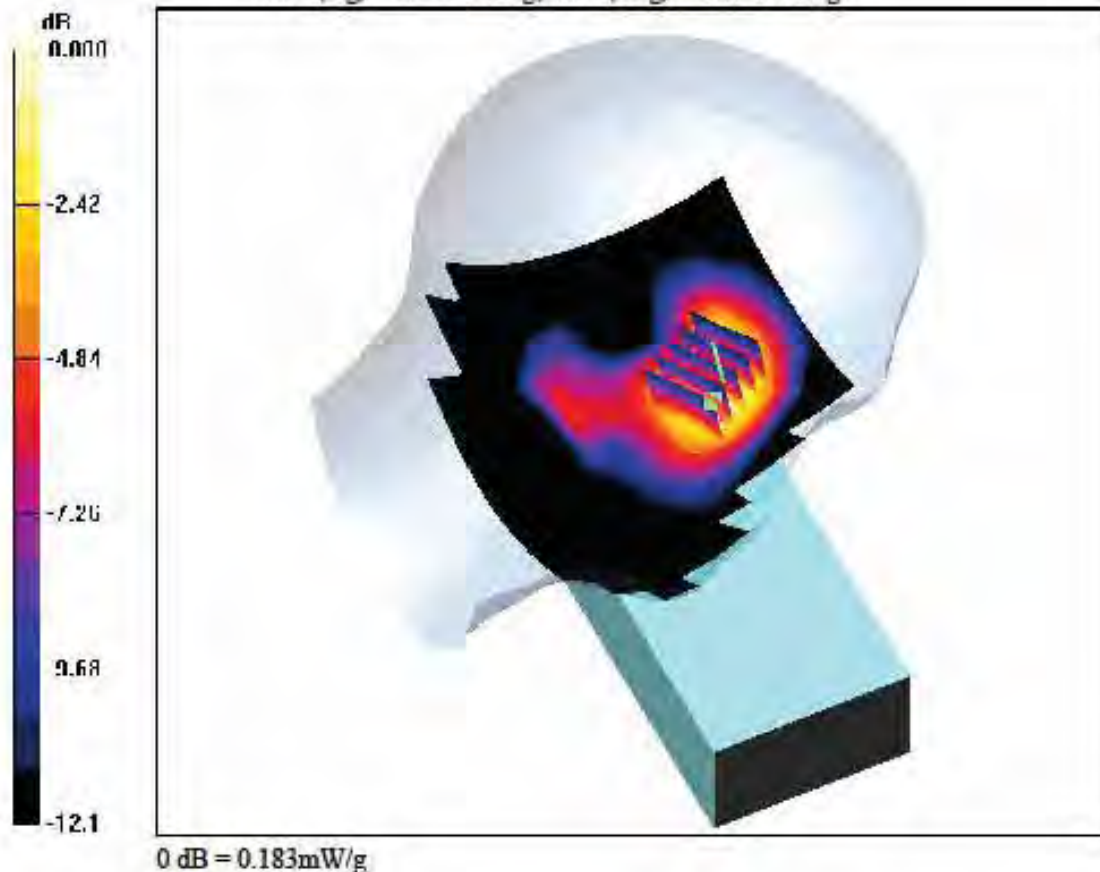
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.092 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

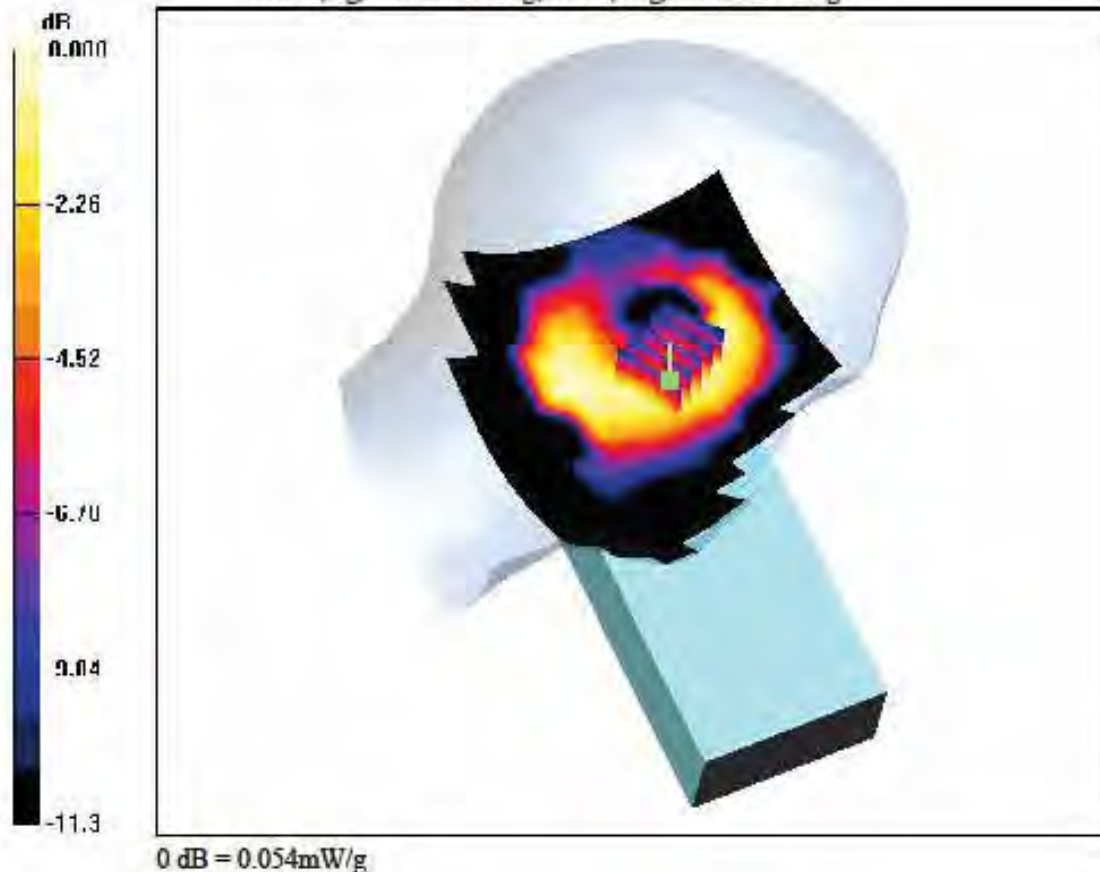
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Tilt, WCDMA850 Ch. 4183, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.032 dB
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.032 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, Sim2, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

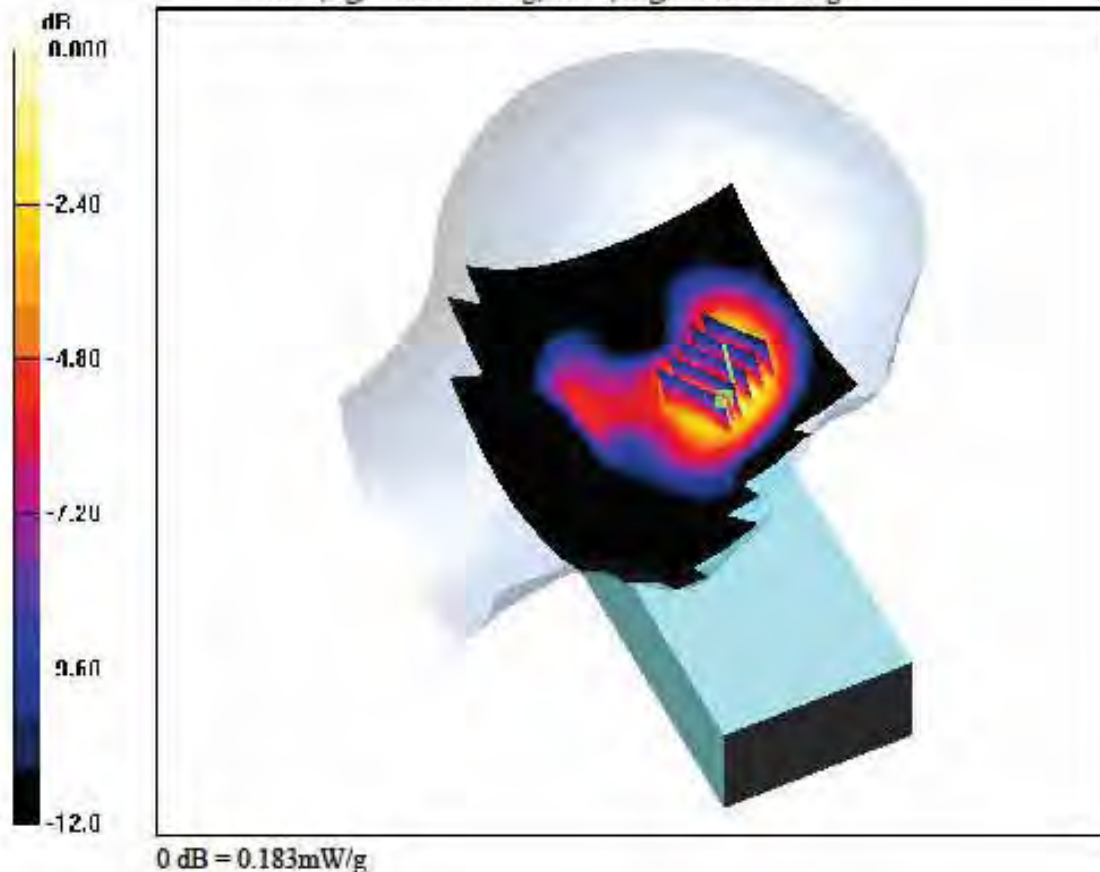
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.091 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
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

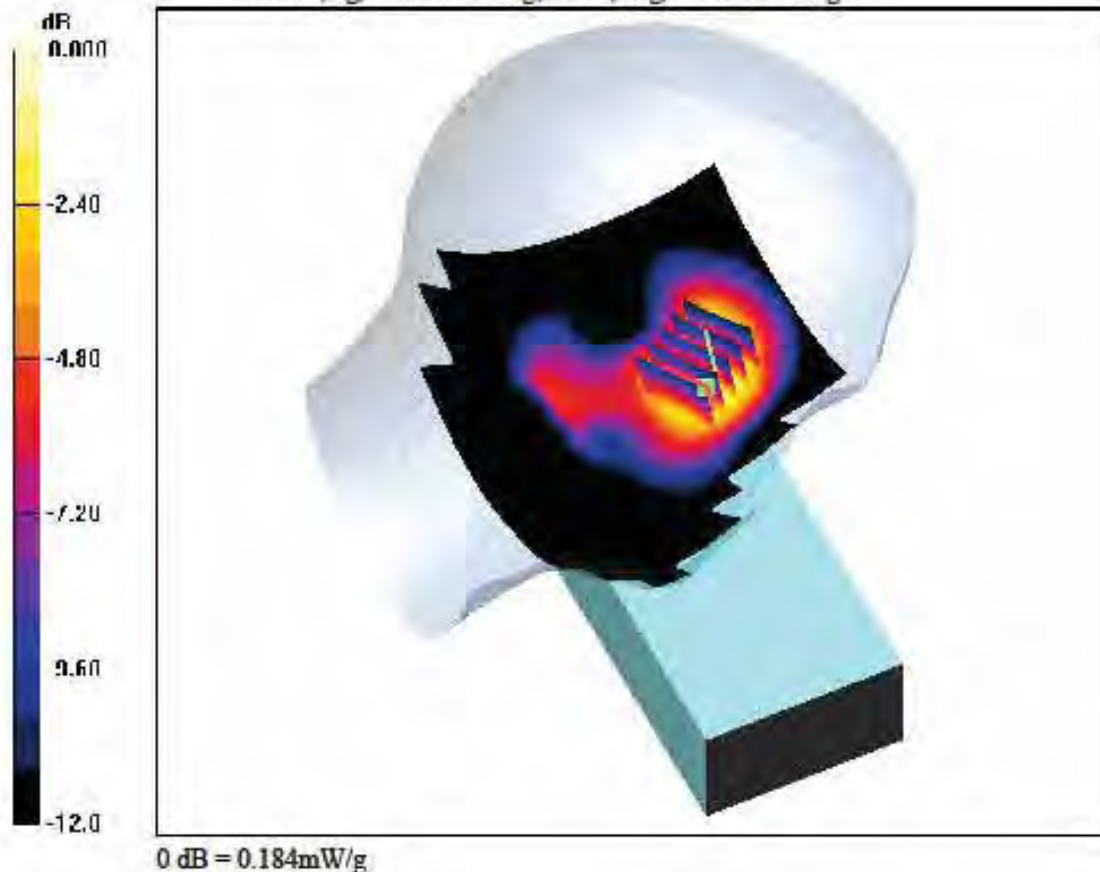
Test Date: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, RFID, WCDMA850 Ch. 4233, Ant Internal, Standard Battery**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.091 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, RFID Sim2, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

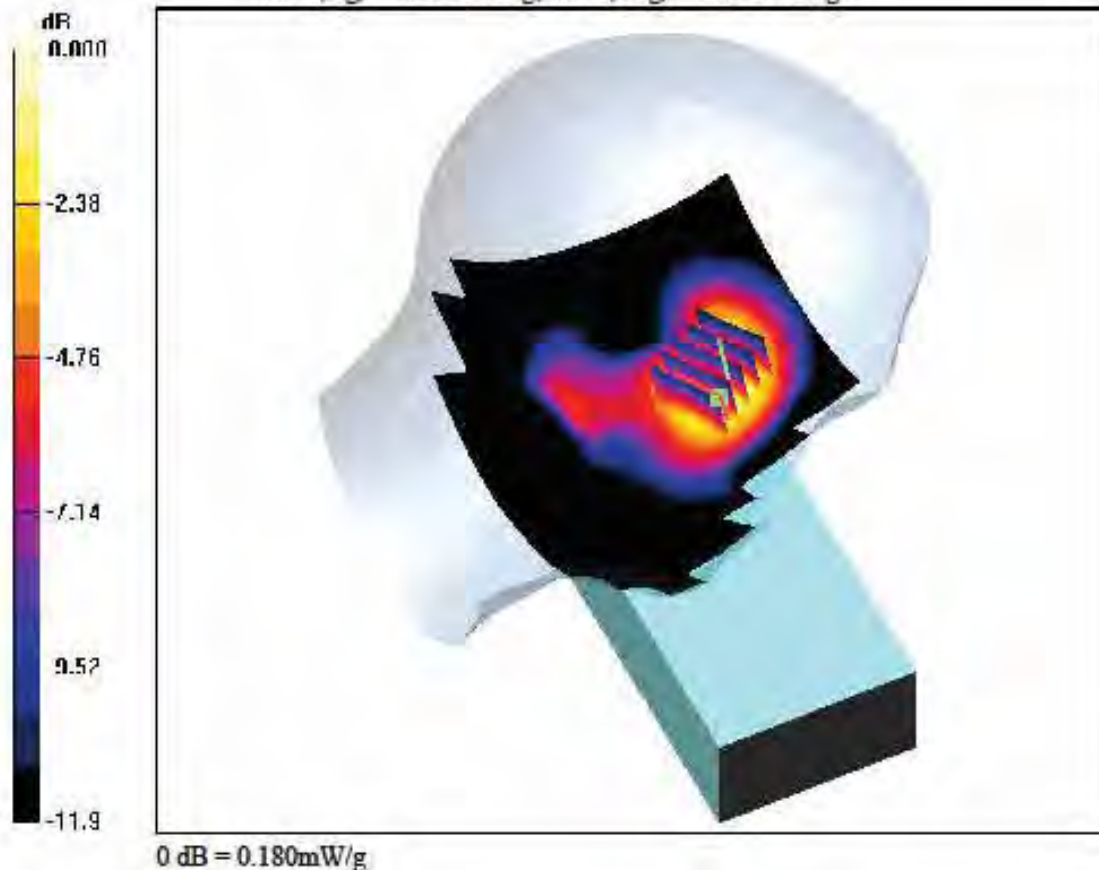
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.092 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, Card Reader, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

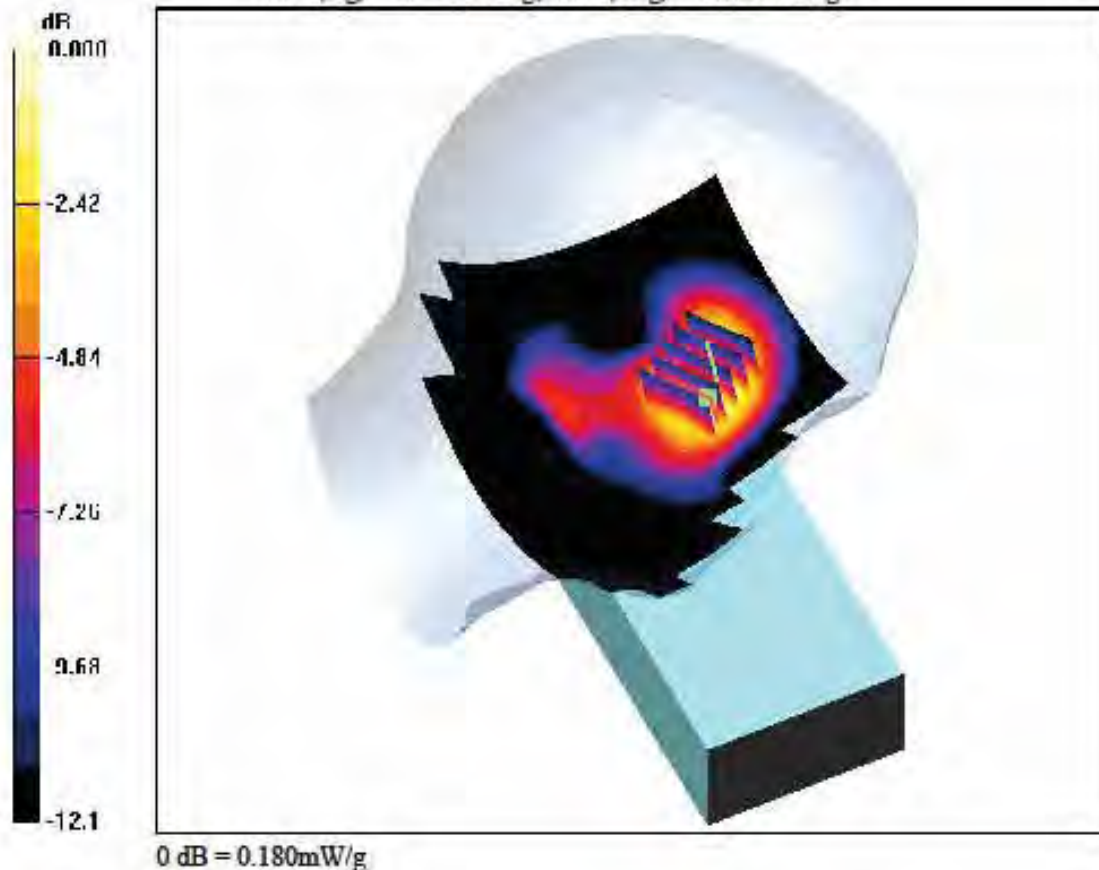
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.203 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.090 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

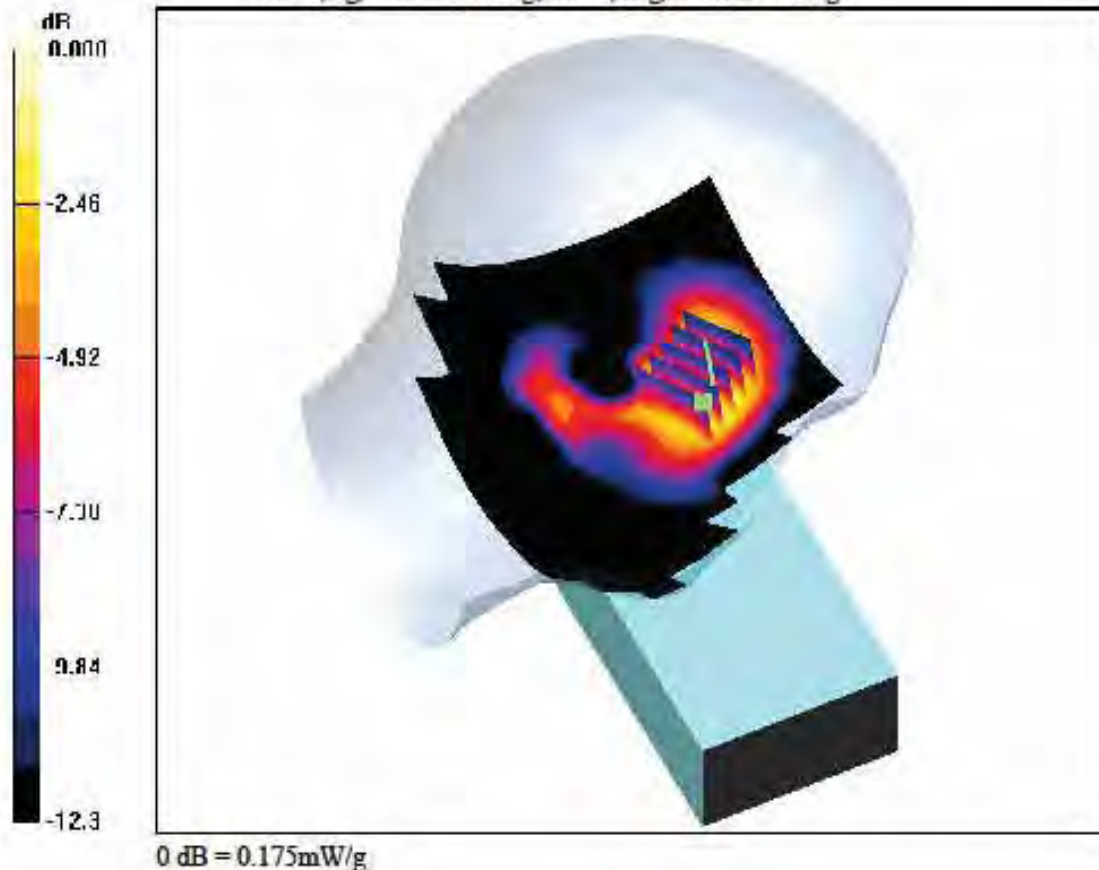
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, Card Reader Sim2, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.155 dB
 Peak SAR (extrapolated) = 0.228 W/kg
 SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.090 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, Finger Printer, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

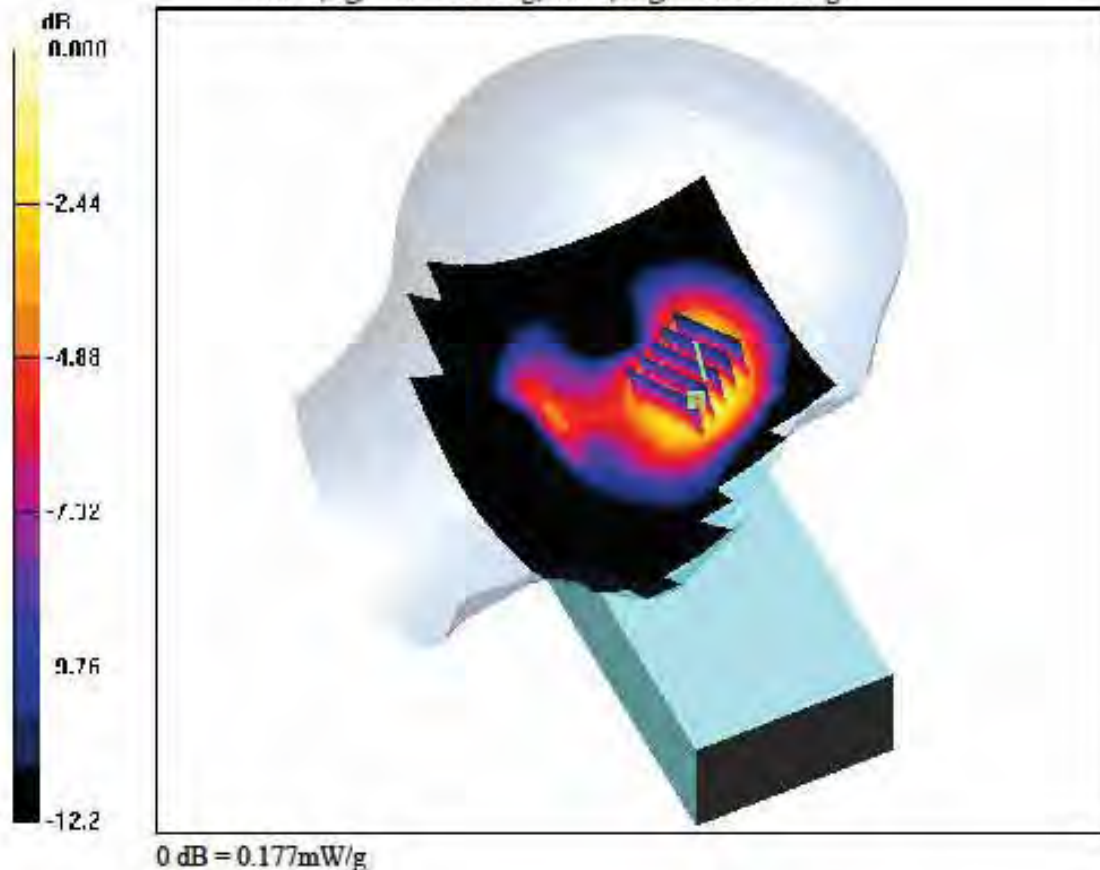
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.089 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

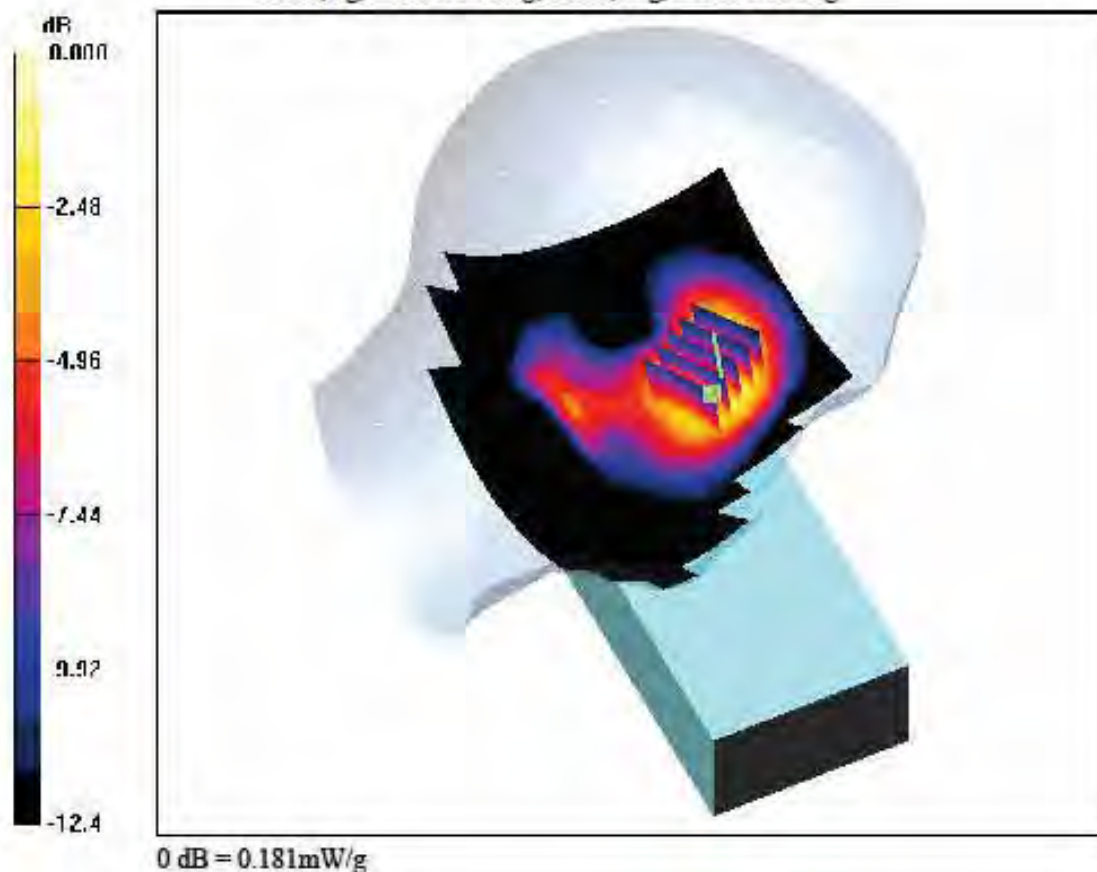
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, Finger Printer Sim2, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

Area Scan (101x161x1): 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 = -0.026 dB
 Peak SAR (extrapolated) = 0.233 W/kg
 SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.089 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Right Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

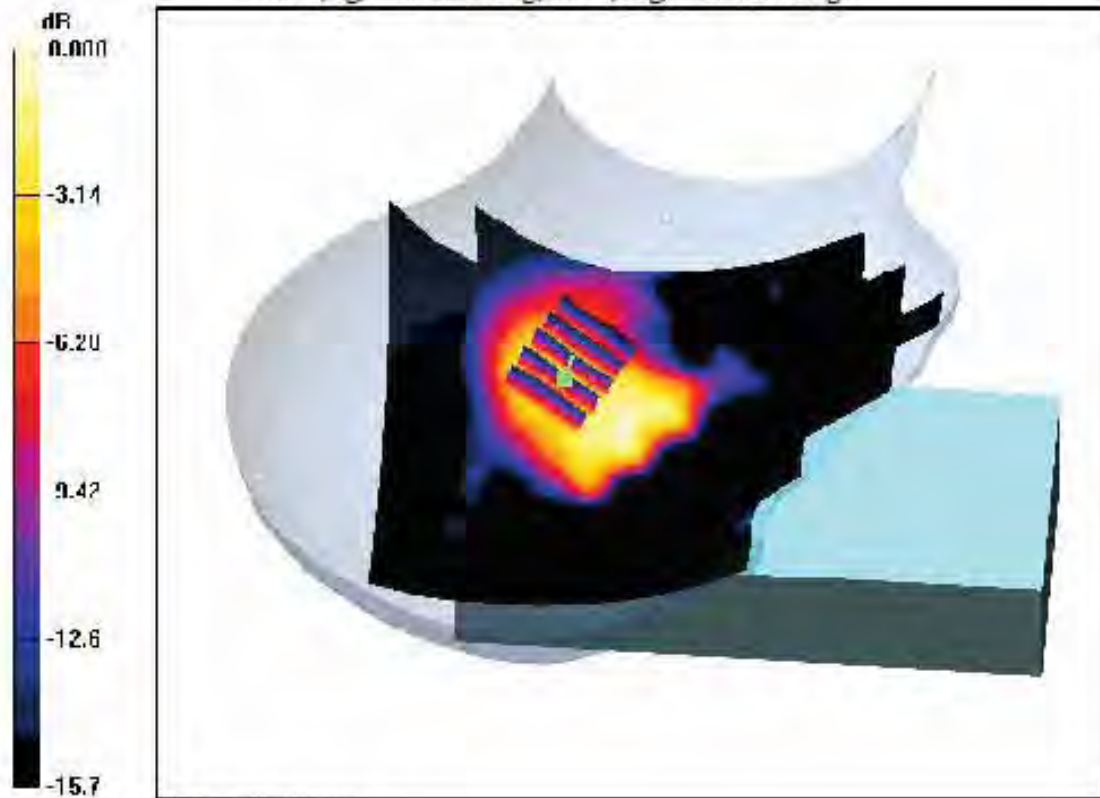
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.072 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Right Tilt, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

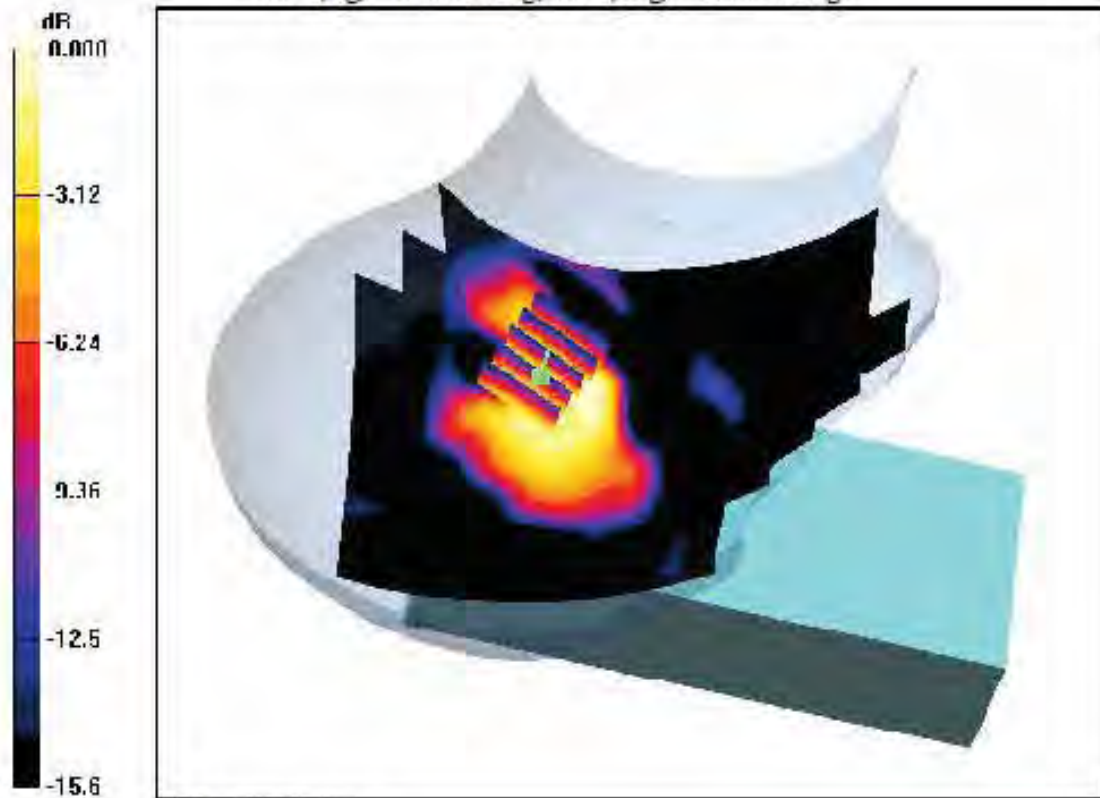
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.039 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

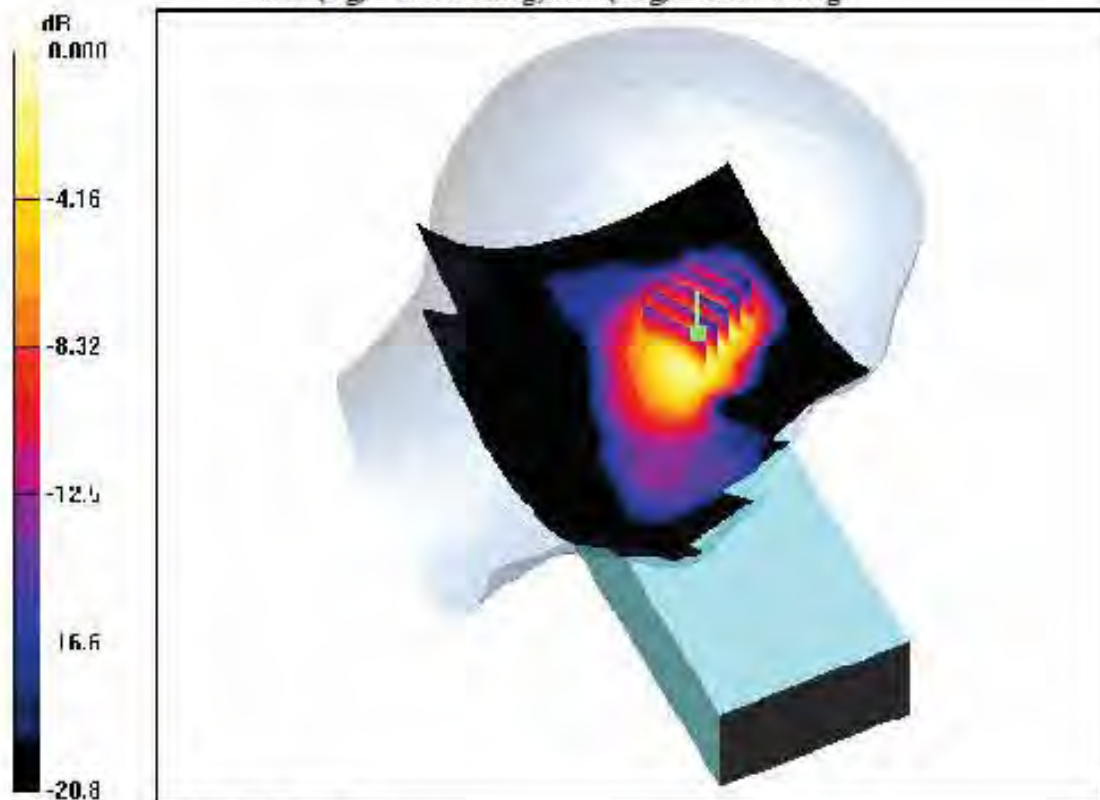
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.207 mW/g



0 dB = 0.508mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9400, Ant Internal, Standard Battery

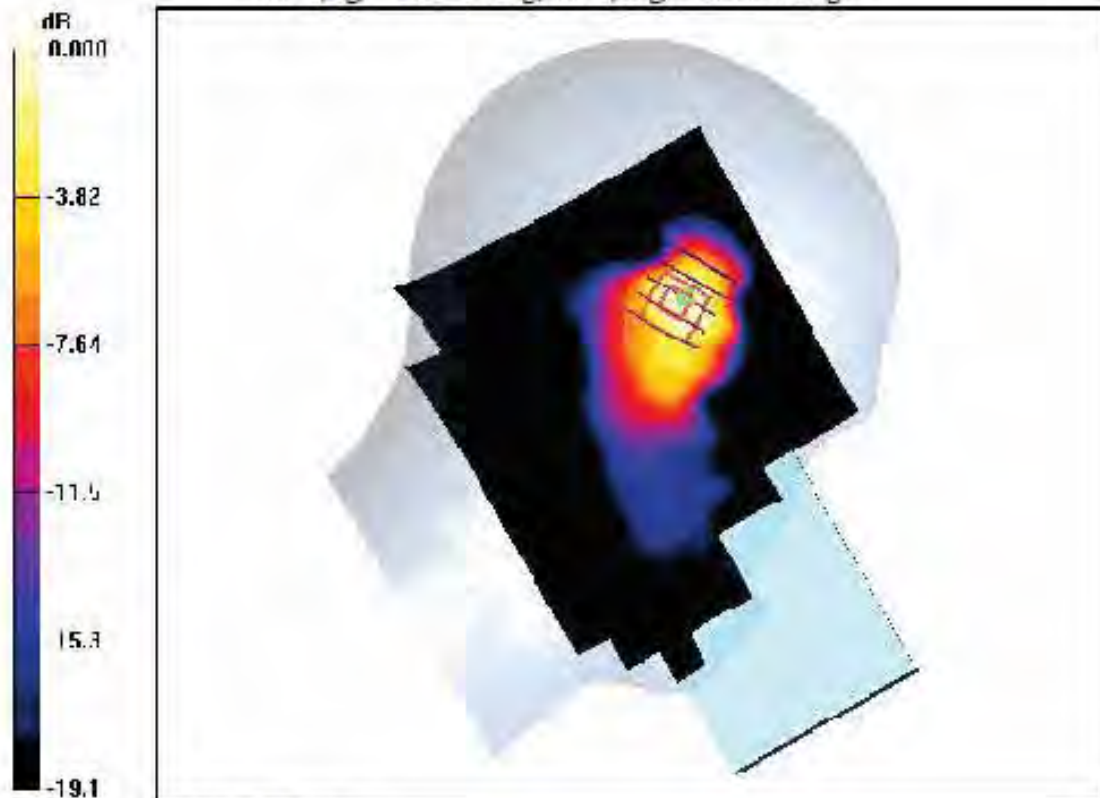
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.169 mW/g



0 dB = 0.424mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1907.6 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9538, Ant Internal, Standard Battery

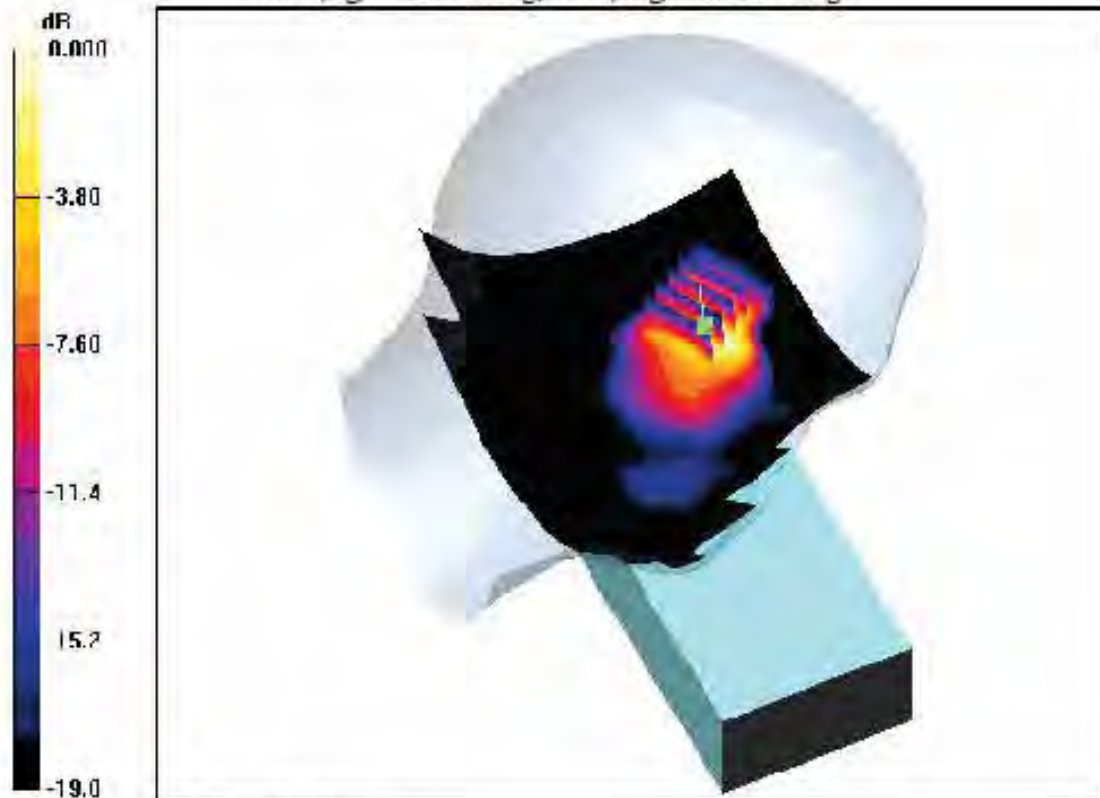
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.142 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
Phantom section: Left Section

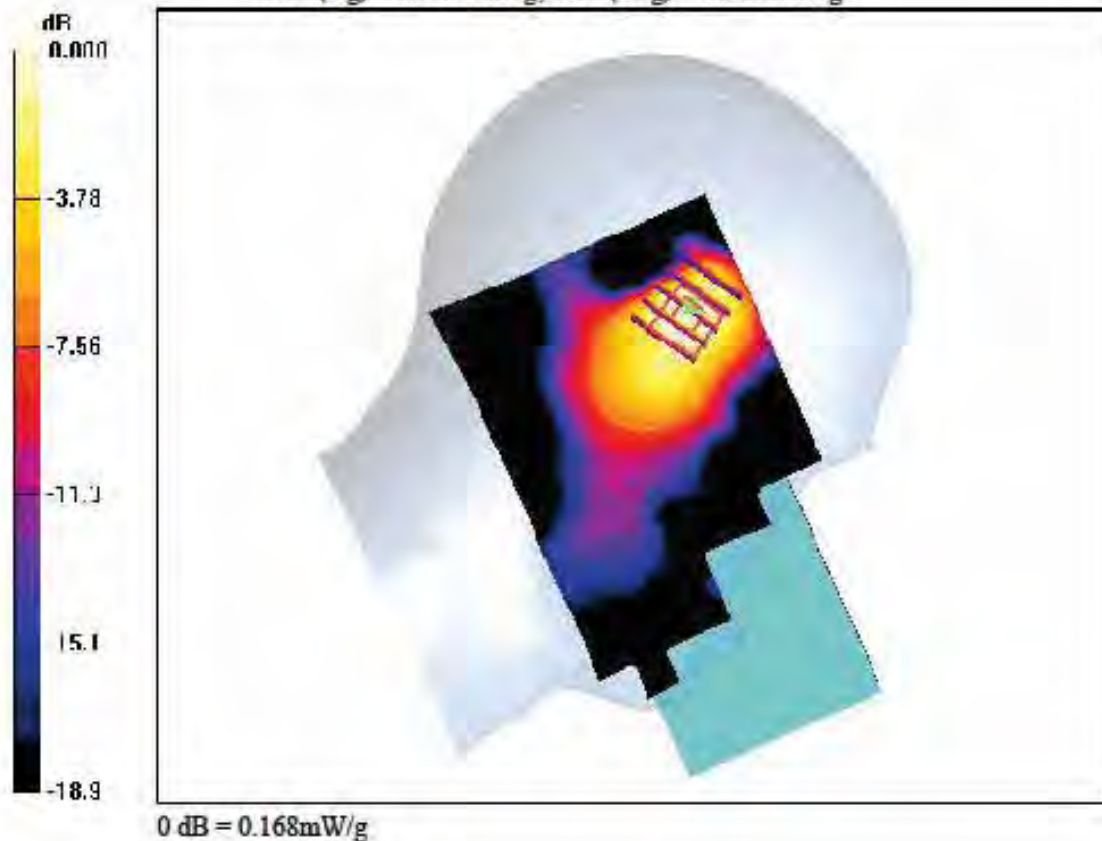
DASY4 Configuration:

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Tilt, WCDMA1900 Ch. 9400, 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 = 0.029 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.075 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
Phantom section: Left Section

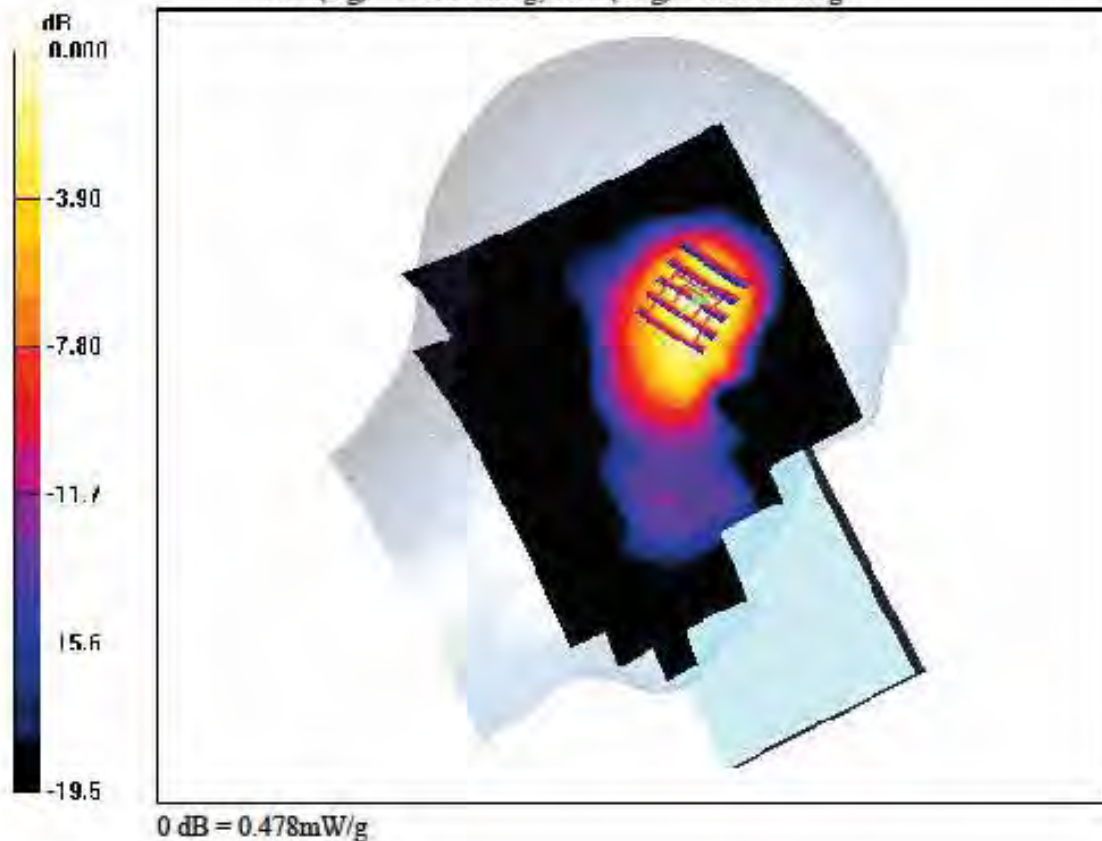
DASY4 Configuration:

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, Sim2, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.154 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.201 mW/g



DIGITAL EMC CO., LTD

DUT: BIP-1500; Type: PDA

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
Phantom section: Left Section

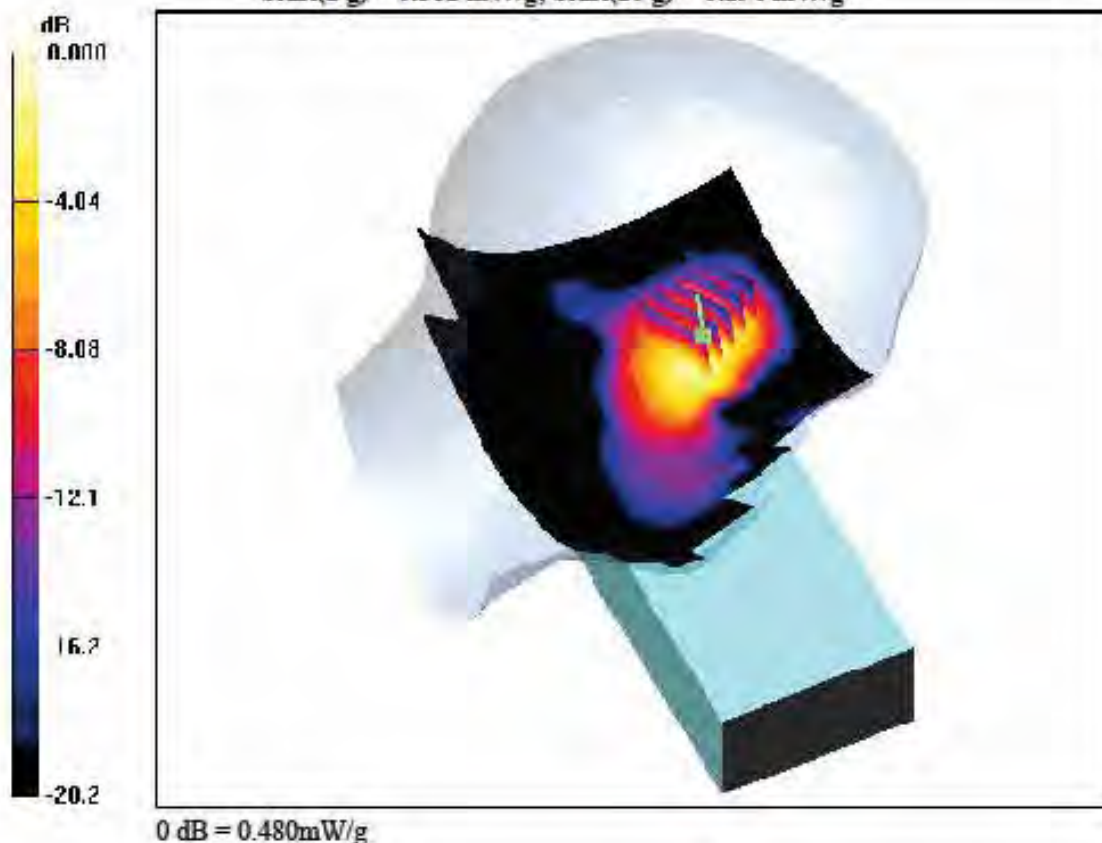
DASY4 Configuration:

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, RFID, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.064 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.194 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, RFID Sim2, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

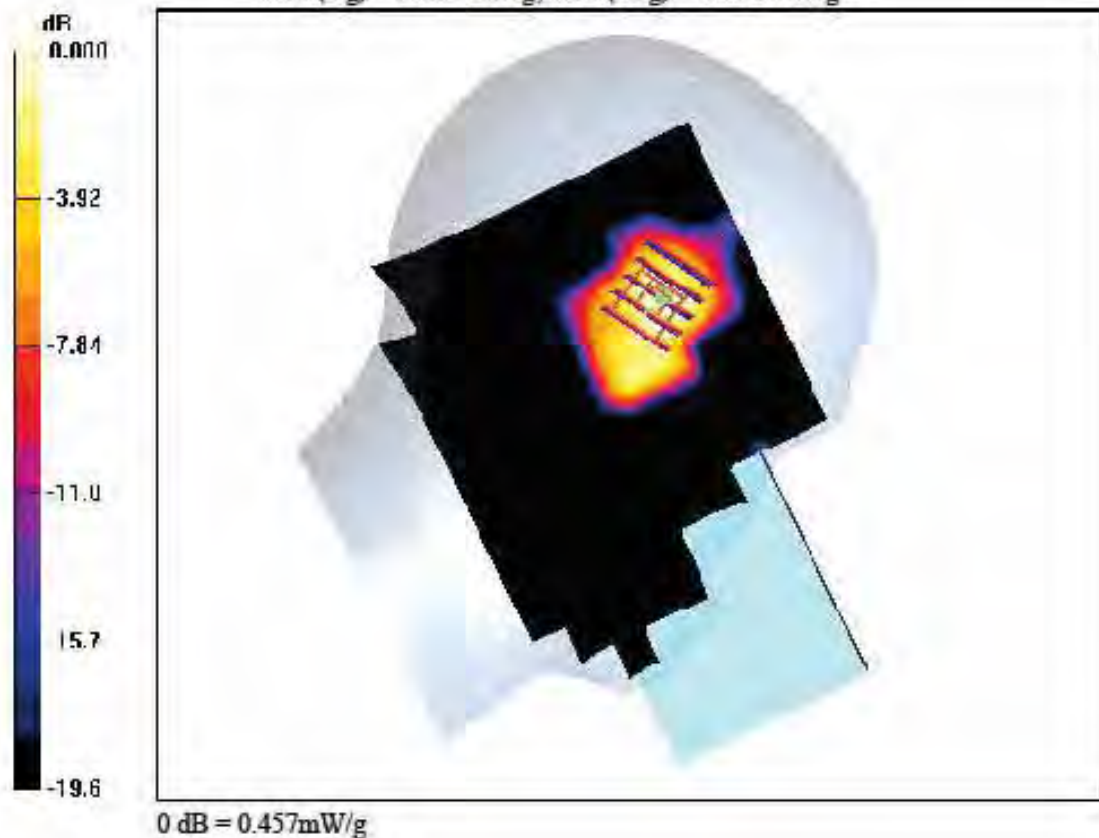
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.657 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.192 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1852.4 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, Card Reader, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

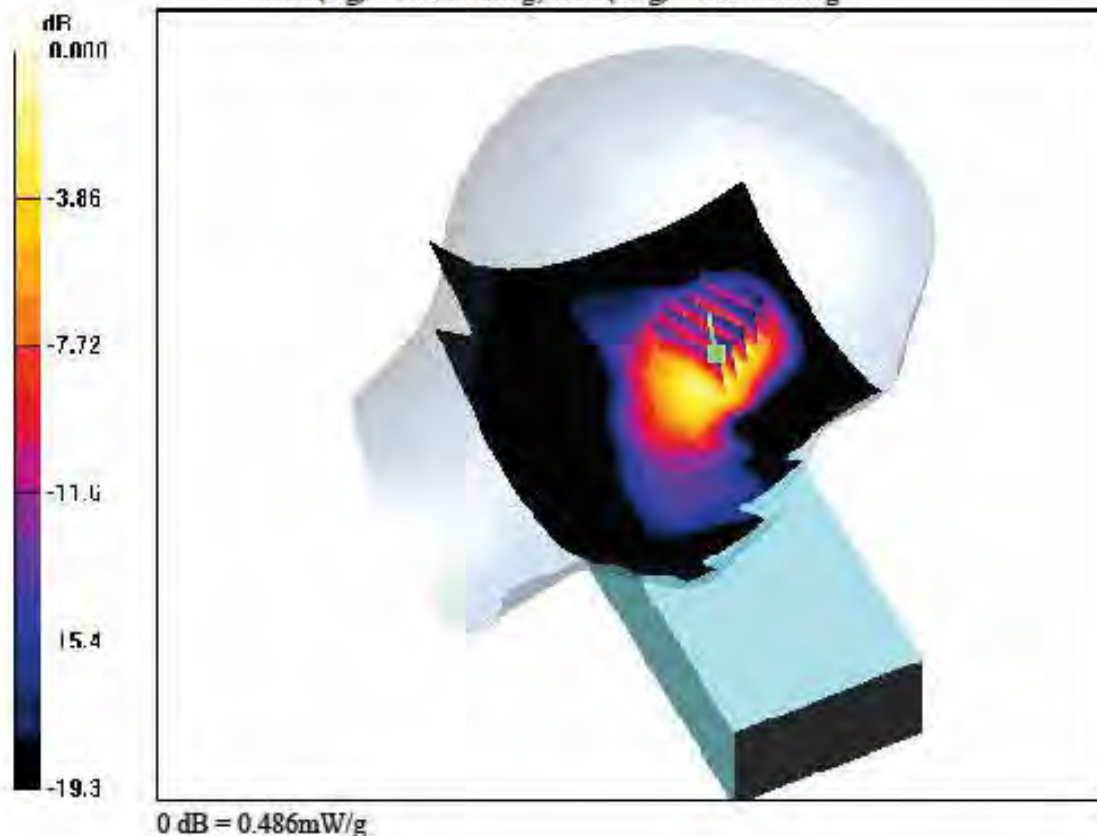
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.682 W/kg

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.197 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
Phantom section: Left Section

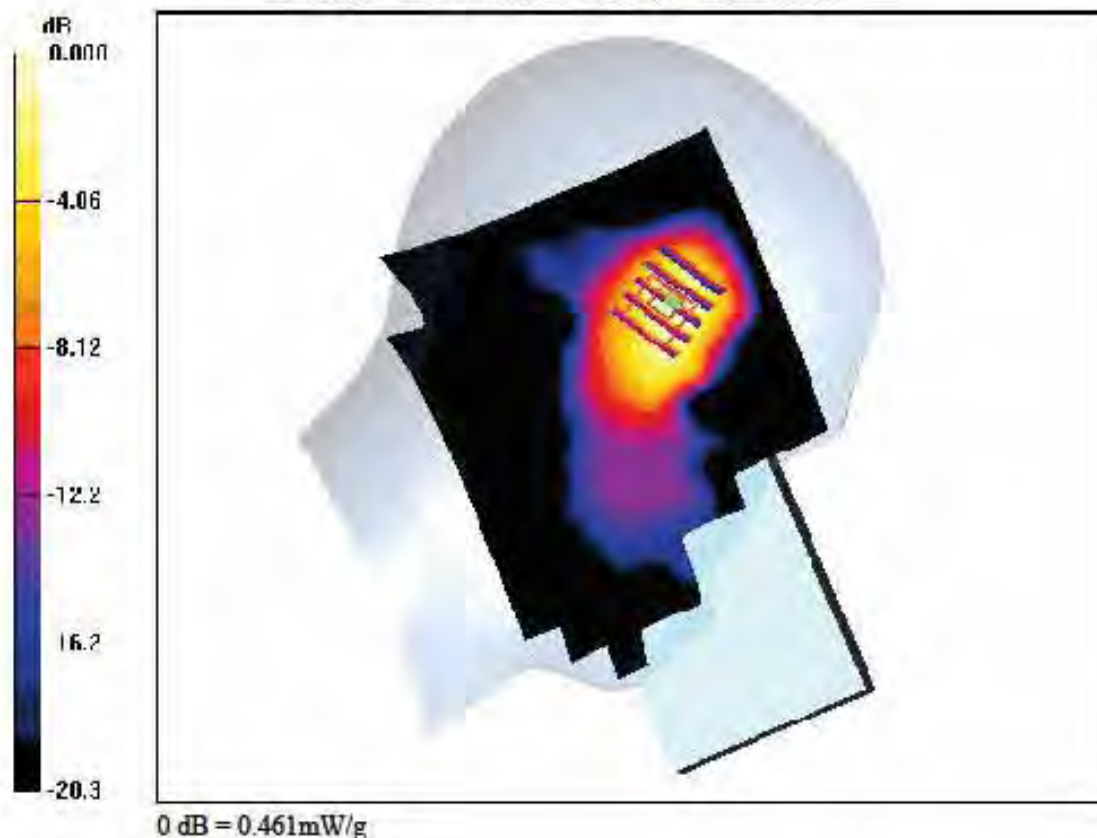
DASY4 Configuration:

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, Card Reader Sim2, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.189 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
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

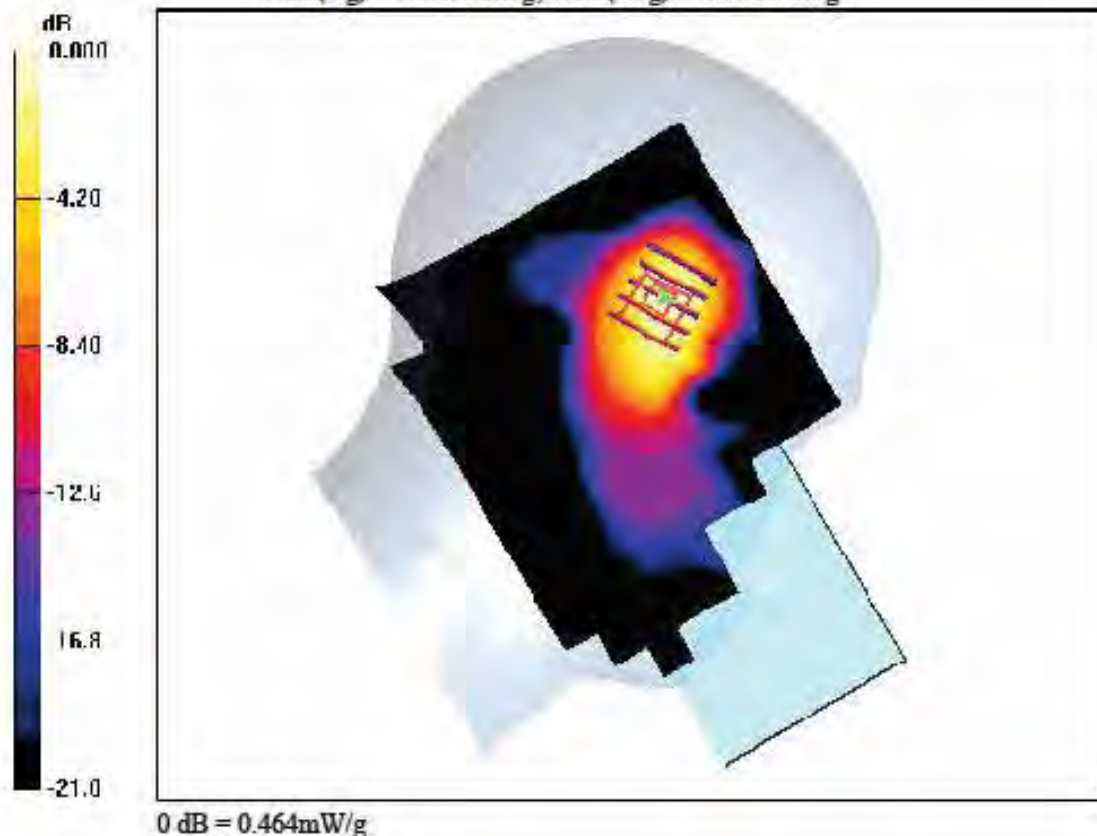
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, Finger Printer, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery**Area Scan (101x161x1):** 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) = 0.646 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.192 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, Finger Printer Sim2, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery

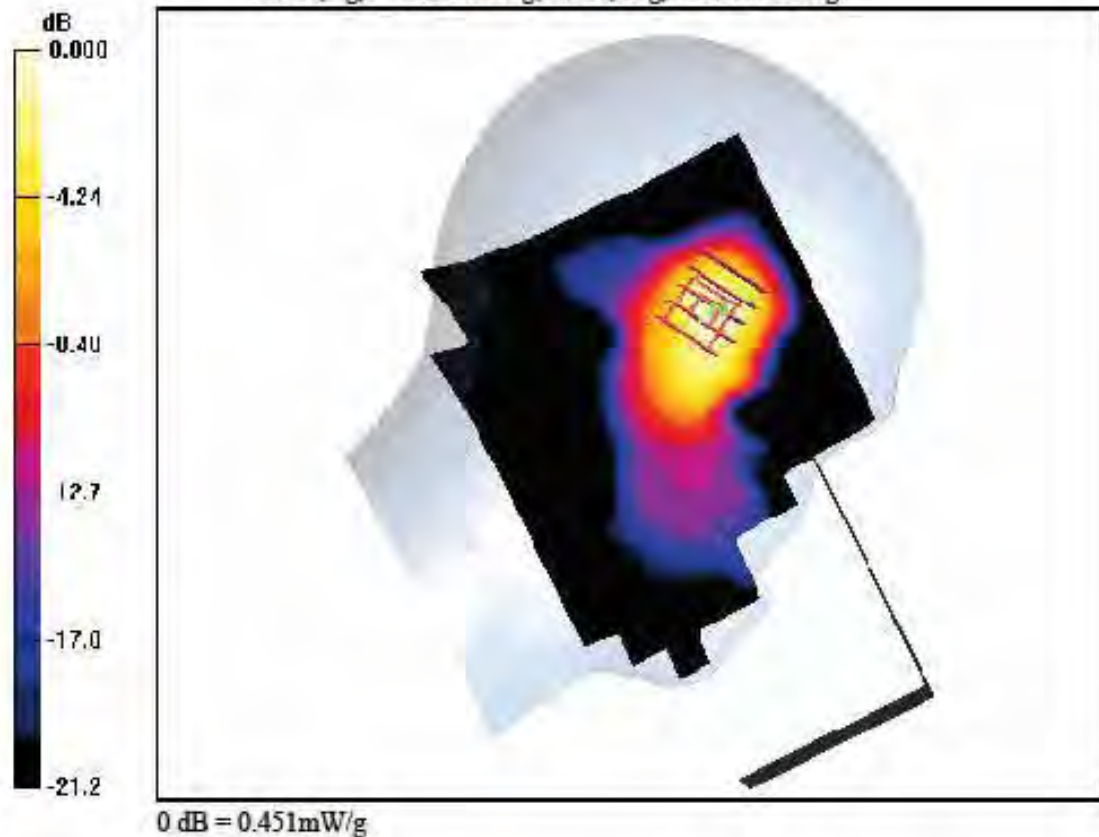
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.132 dB

Peak SAR (extrapolated) = 0.641 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.190 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

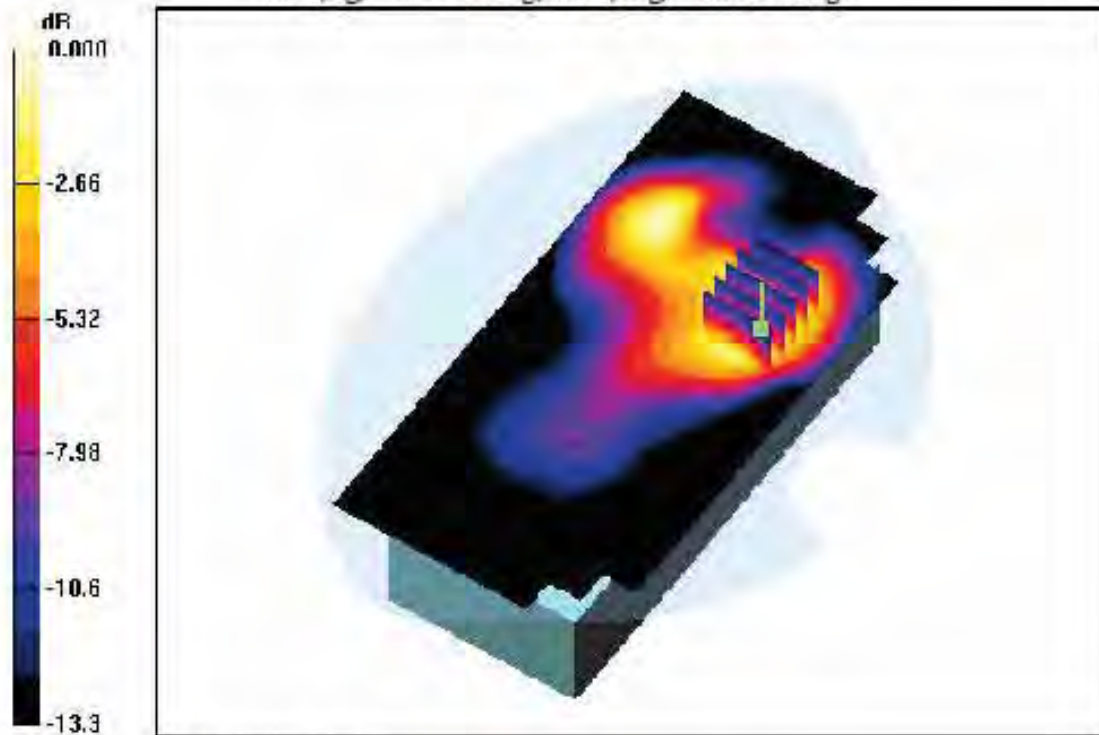
Test Date: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 Ch. 190, Ant Internal**Area Scan (81x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.045 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

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

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

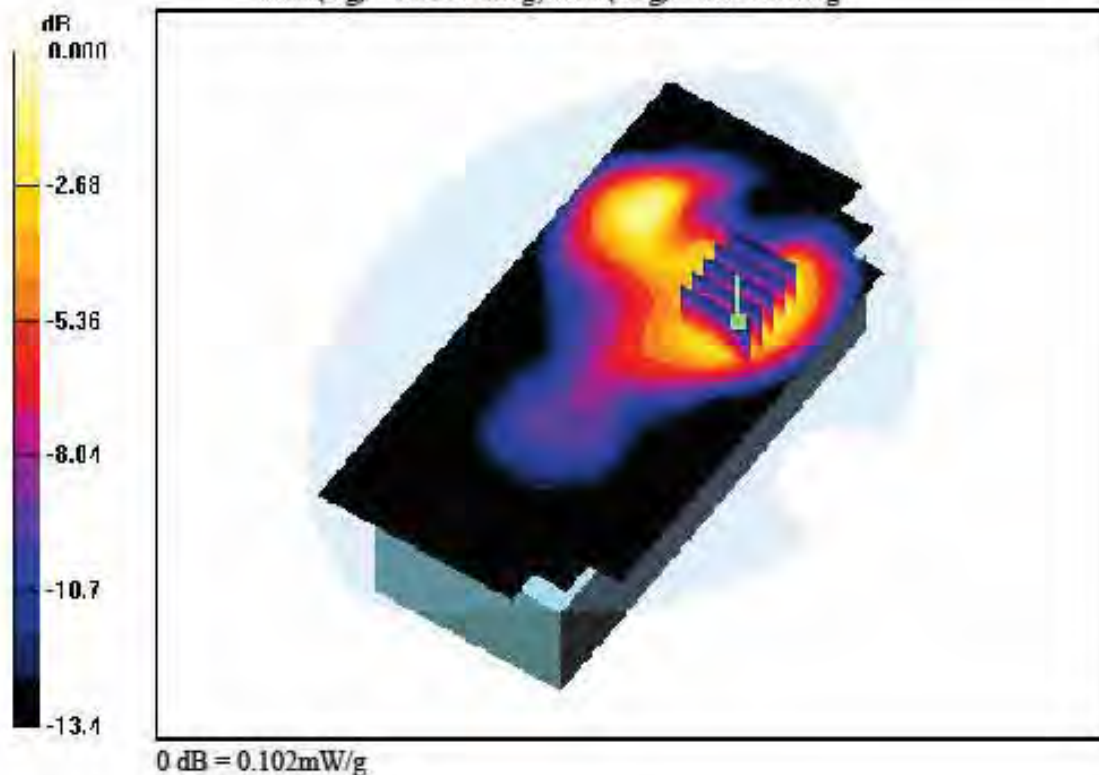
Test Date: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 GPRS Class 8 Ch. 190, Ant Internal**Area Scan (81x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.046 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 GPRS Class 10 Ch. 128, Ant Internal

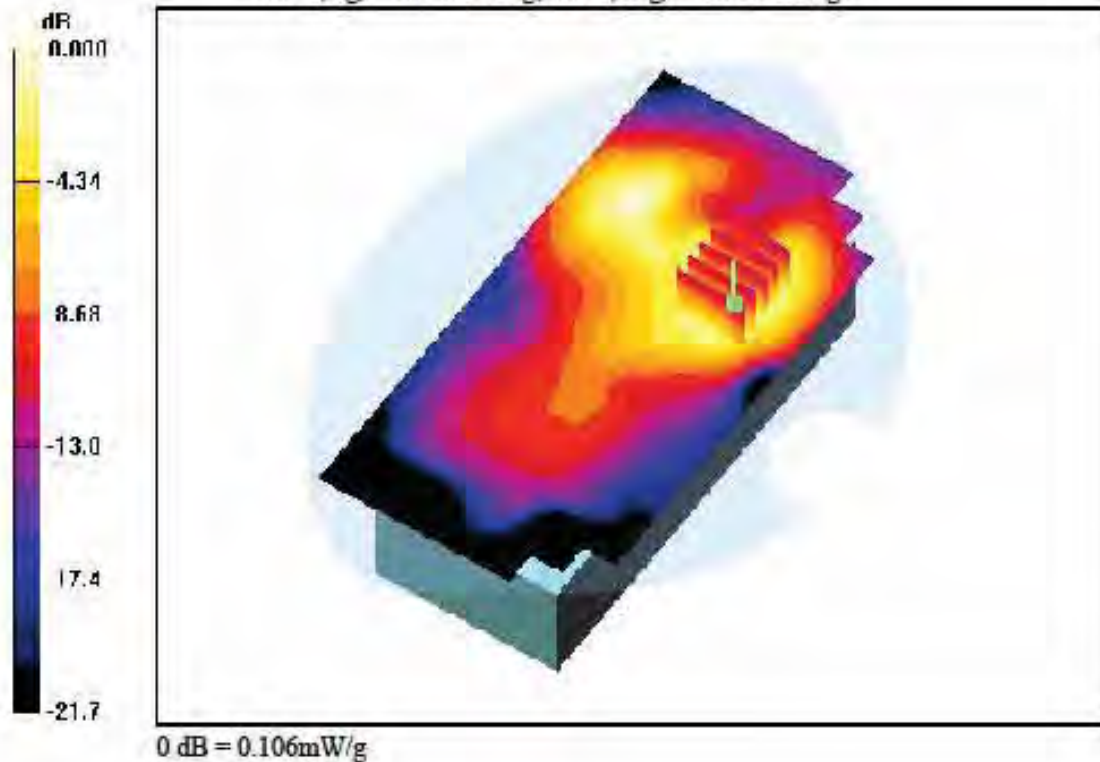
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.145 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.048 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 GPRS Class 10 Ch. 190, Ant Internal

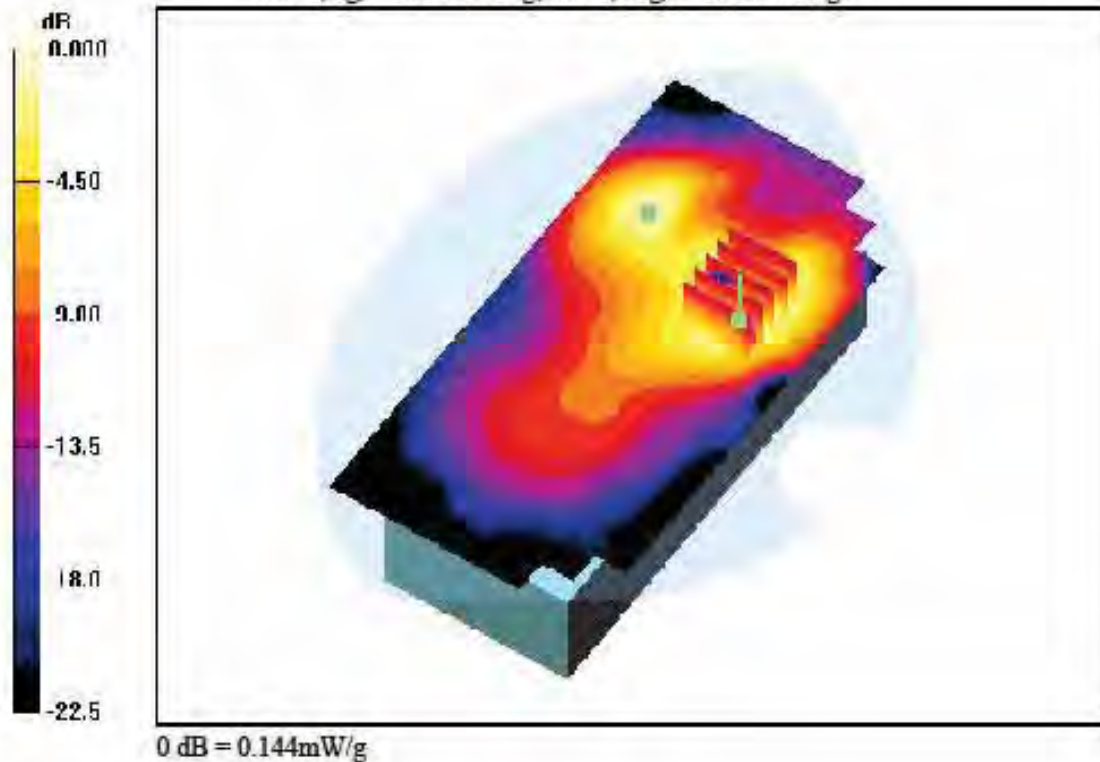
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.064 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

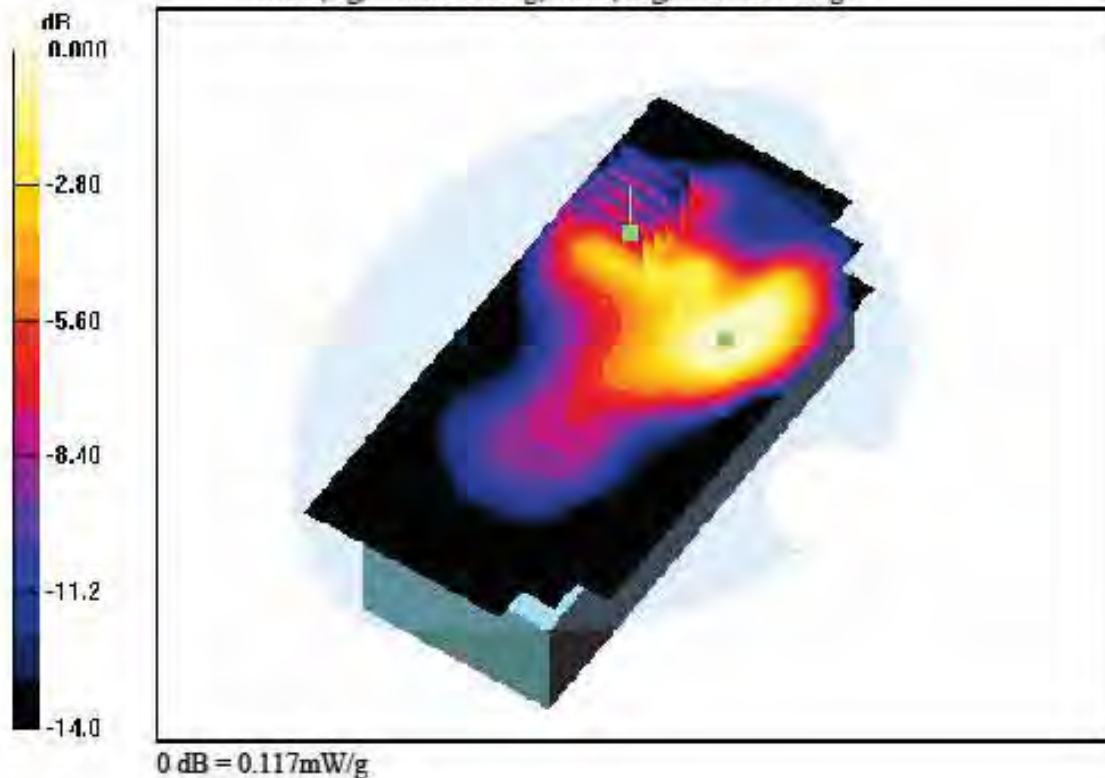
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 GPRS Class 10 Ch. 190, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.192 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.053 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 GPRS Class 10 Ch. 251, Ant Internal

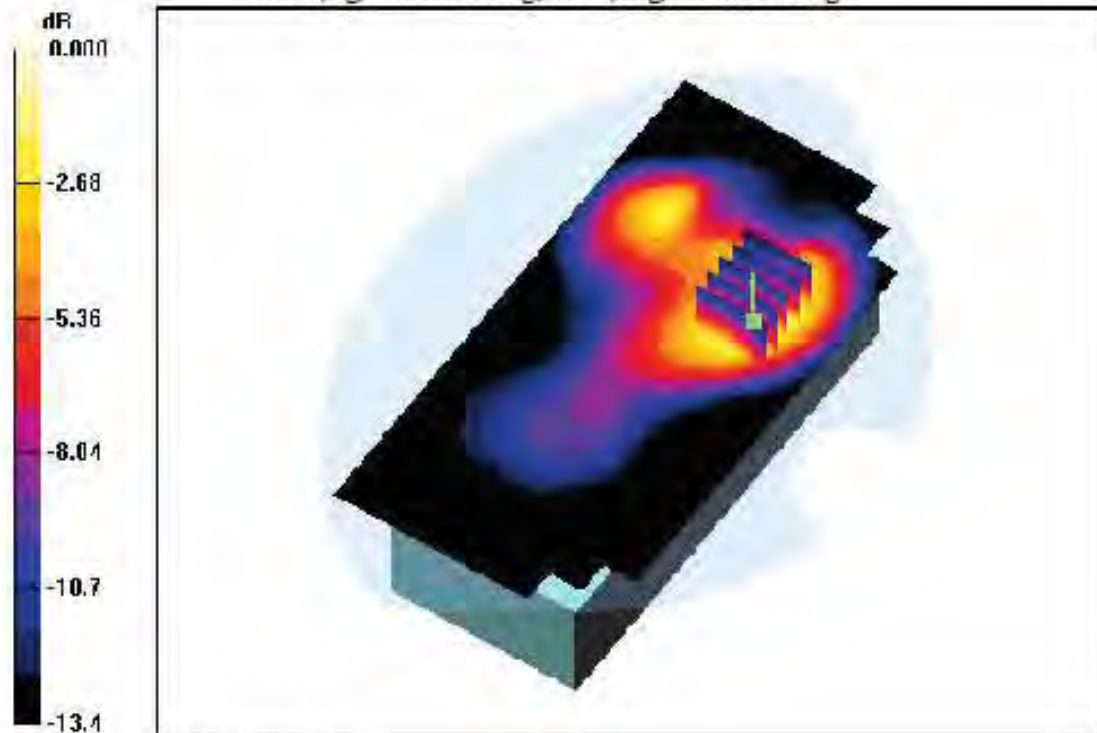
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.095 mW/g



0 dB = 0.209mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
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

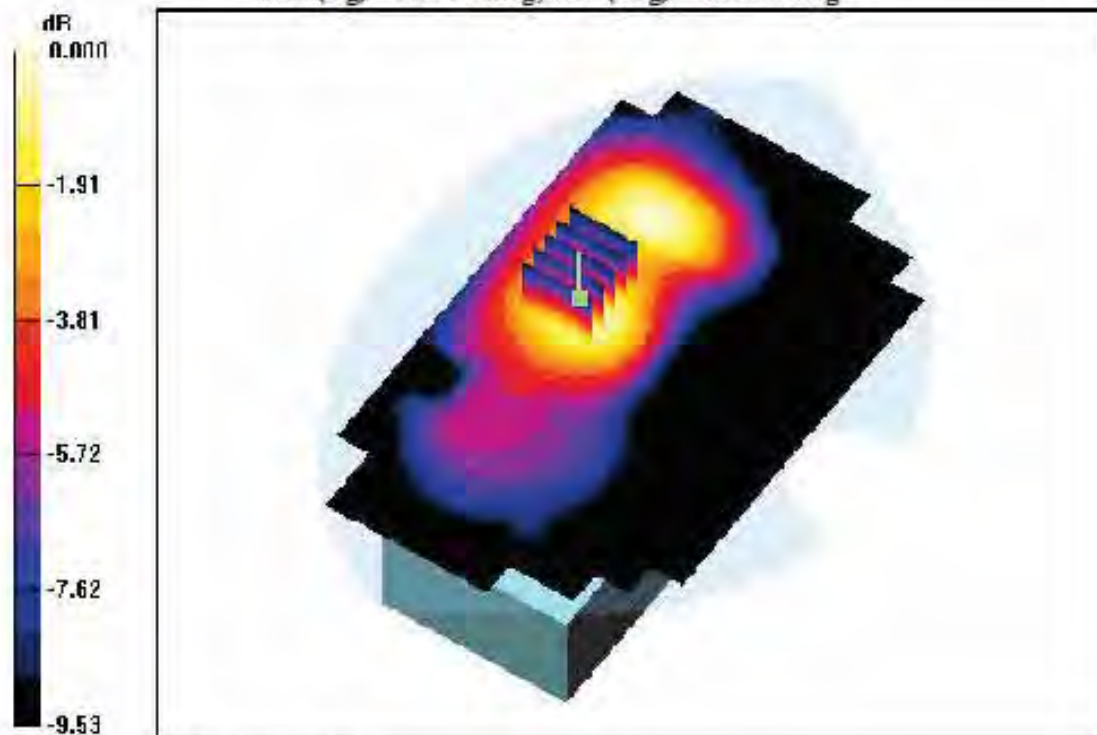
Test Date: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Rear, GSM850 GPRS Class 10 Ch. 190, Ant Internal**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.029 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, Sim2, GSM850 GPRS Class 10 Ch. 251, Ant Internal

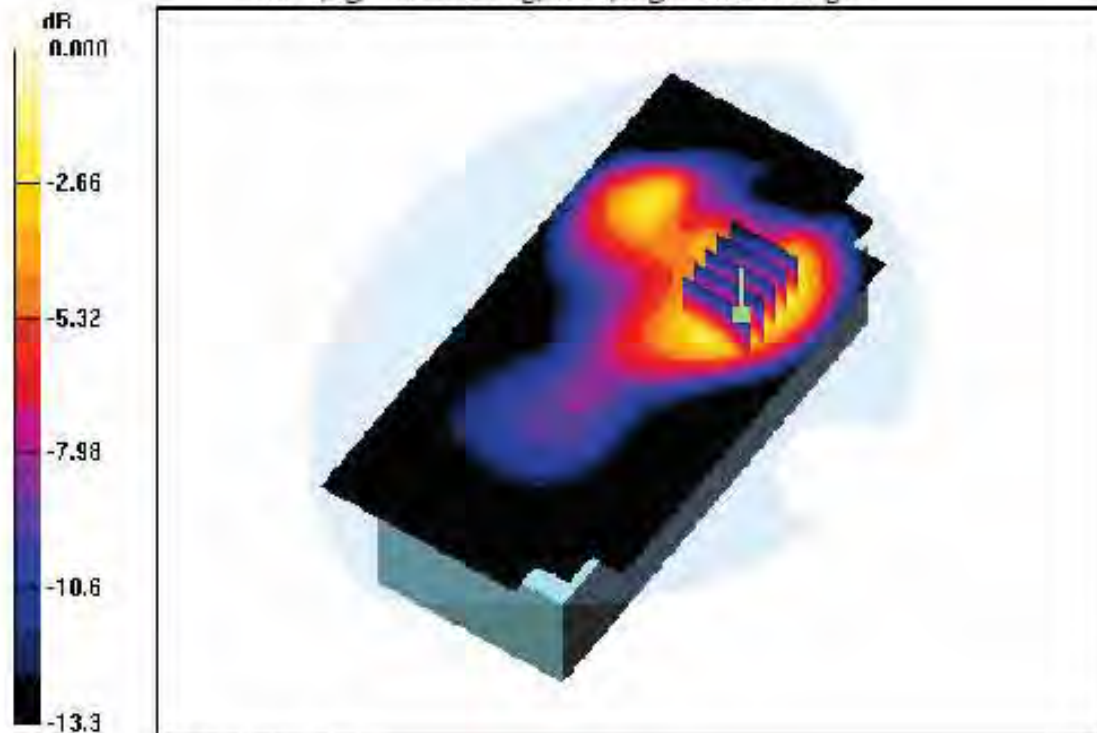
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.034 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.096 mW/g



0 dB = 0.208mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

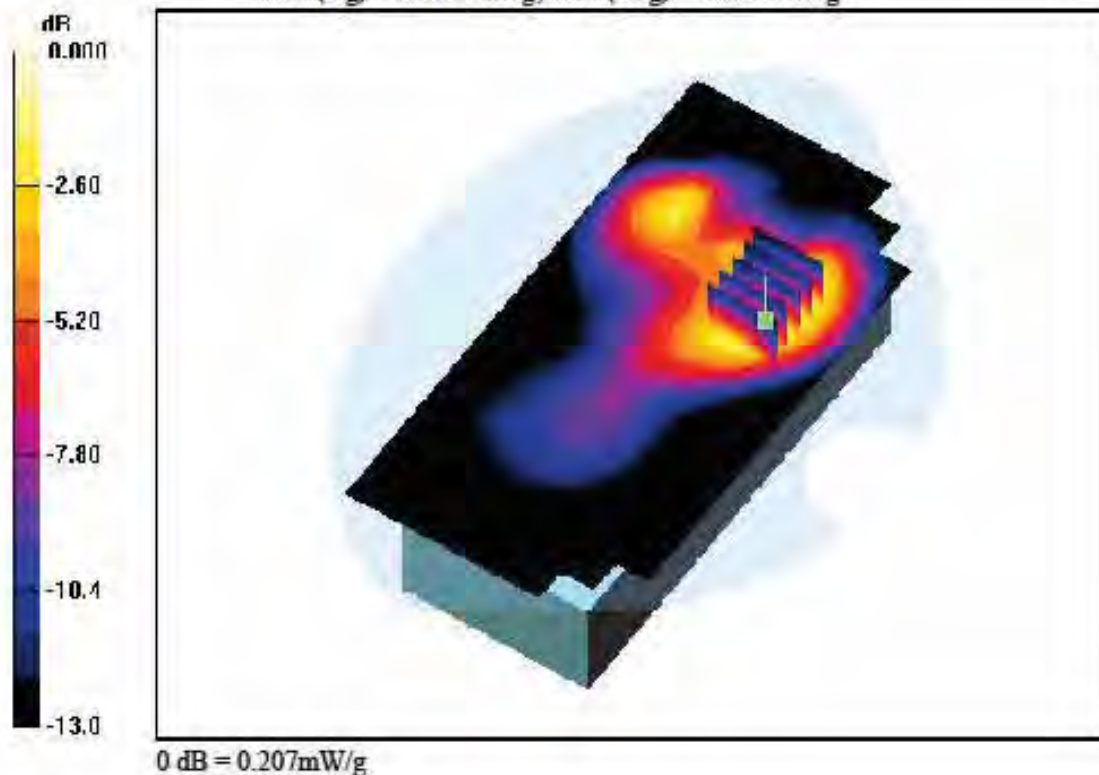
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, RFID, GSM850 GPRS Class 10 Ch. 251, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.186 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.096 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

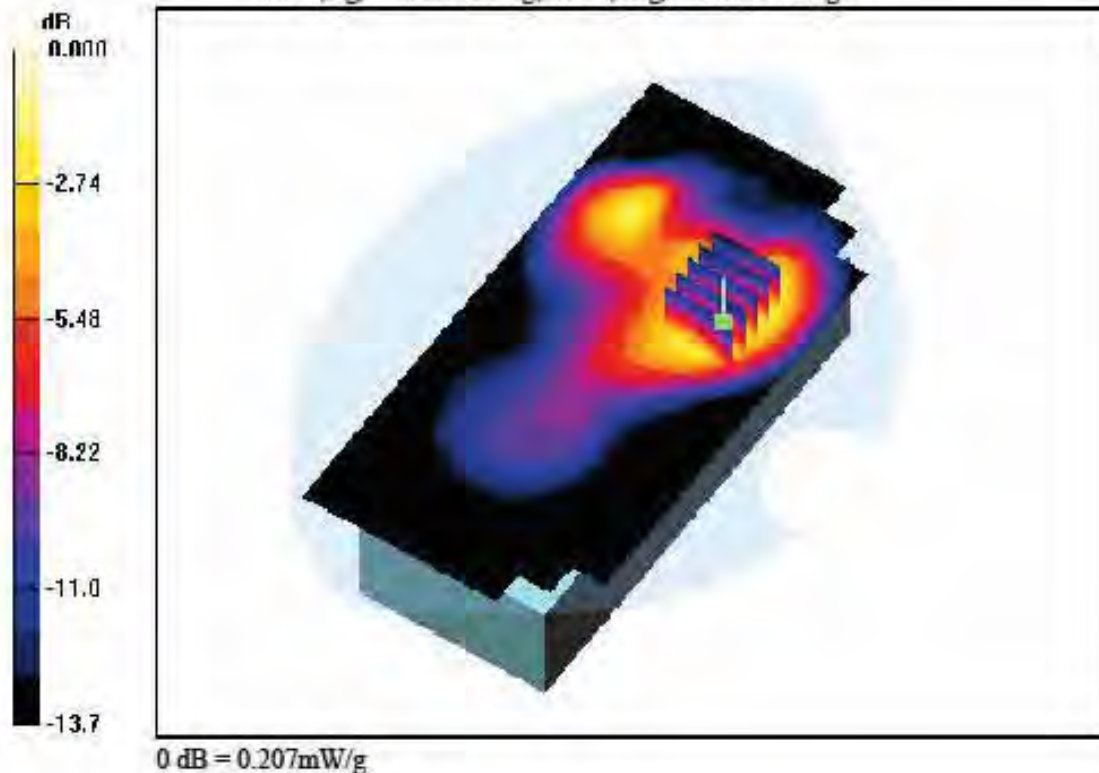
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, RFID Sim2, GSM850 GPRS Class 10 Ch. 251, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.089 dB
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.095 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

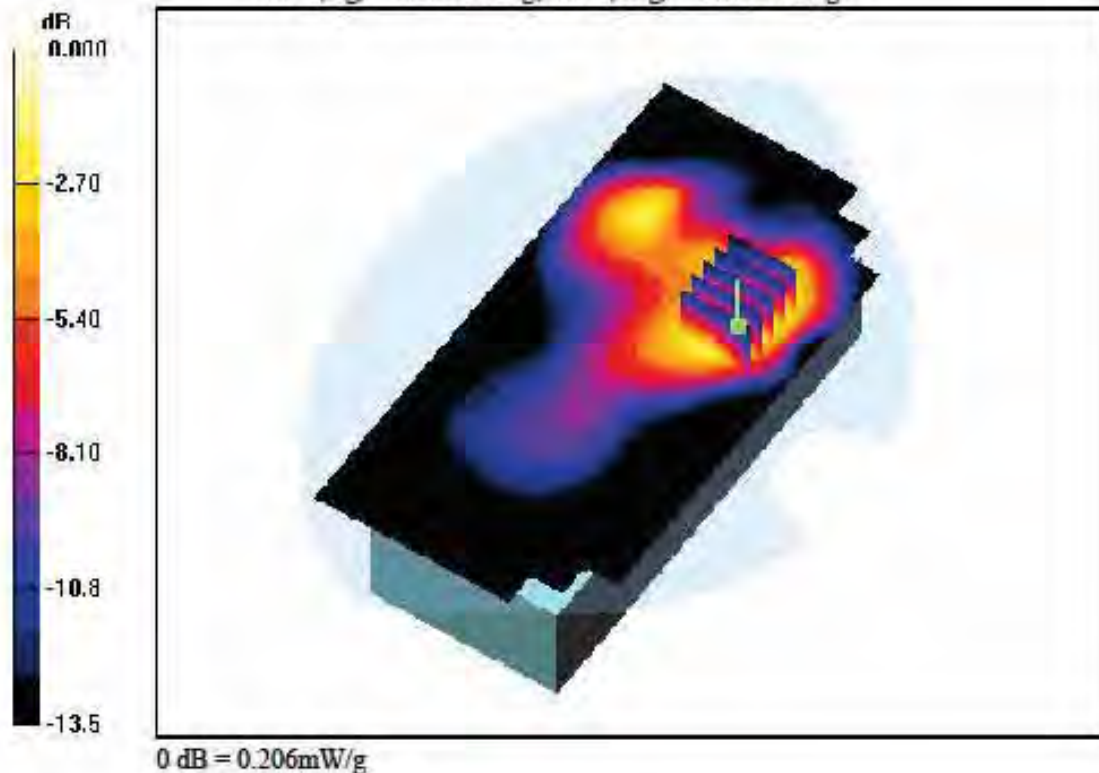
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, Card Reader, GSM850 GPRS Class 10 Ch. 251, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.091 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, Card Reader Sim2, GSM850 GPRS Class 10 Ch. 251, Ant Internal

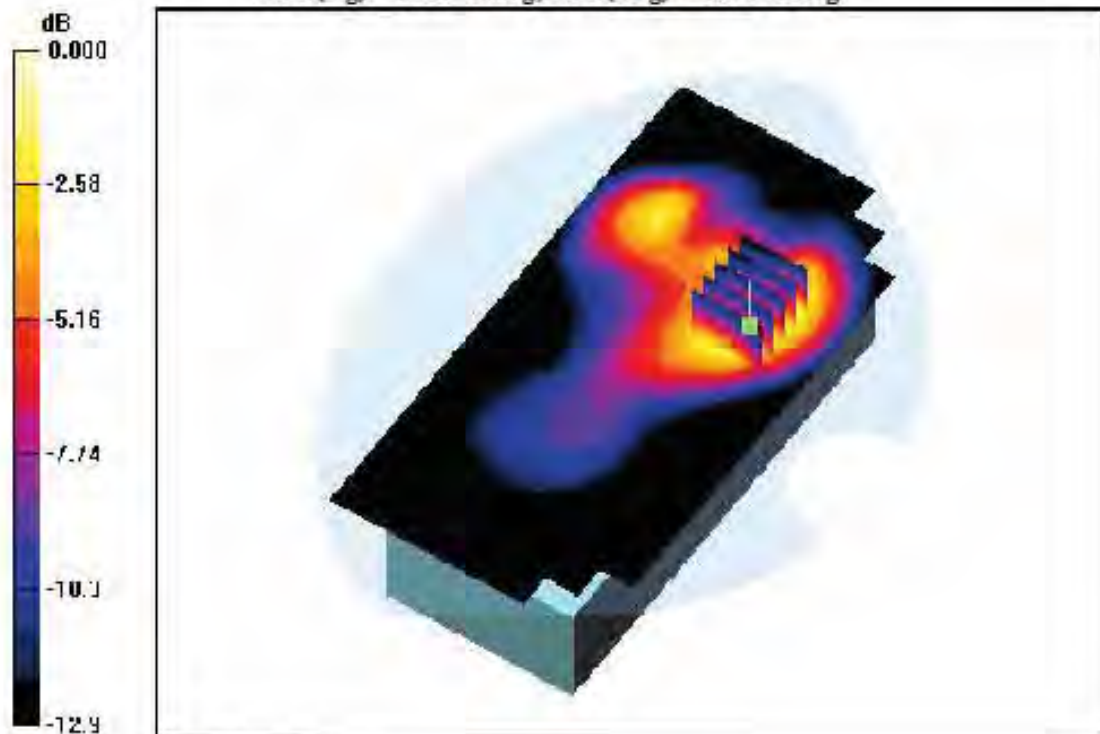
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.138 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.096 mW/g



0 dB = 0.207mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

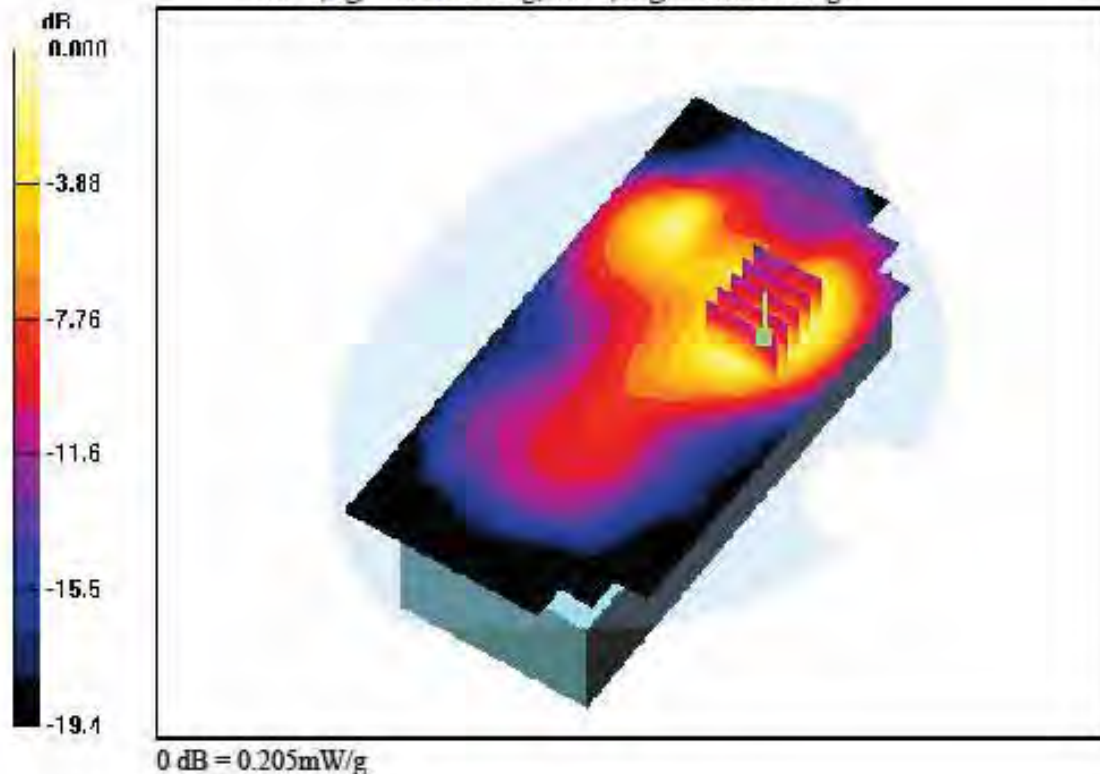
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, Finger Printer, GSM850 GPRS Class 10 Ch. 251, Ant Internal

Area Scan (81x161x1): 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 = 0.100 dB
 Peak SAR (extrapolated) = 0.265 W/kg
 SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.095 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

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

Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, Finger Printer Sim2, GSM850 GPRS Class 10 Ch. 251, Ant Internal

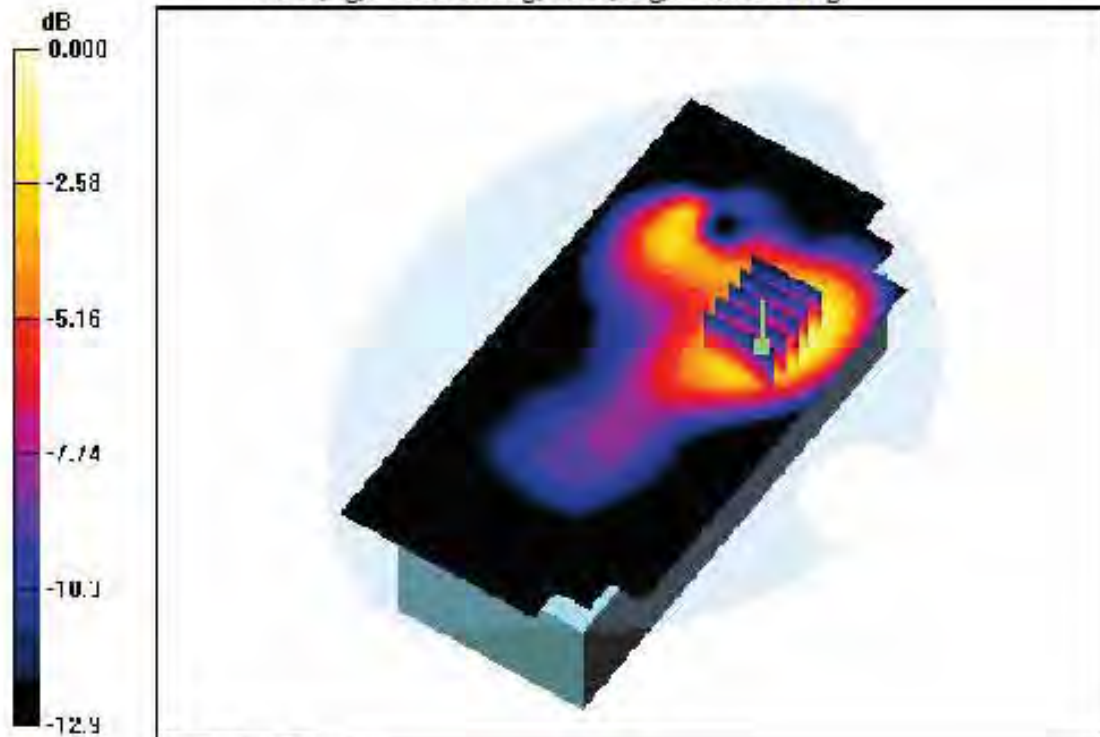
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.094 mW/g



0 dB = 0.197mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

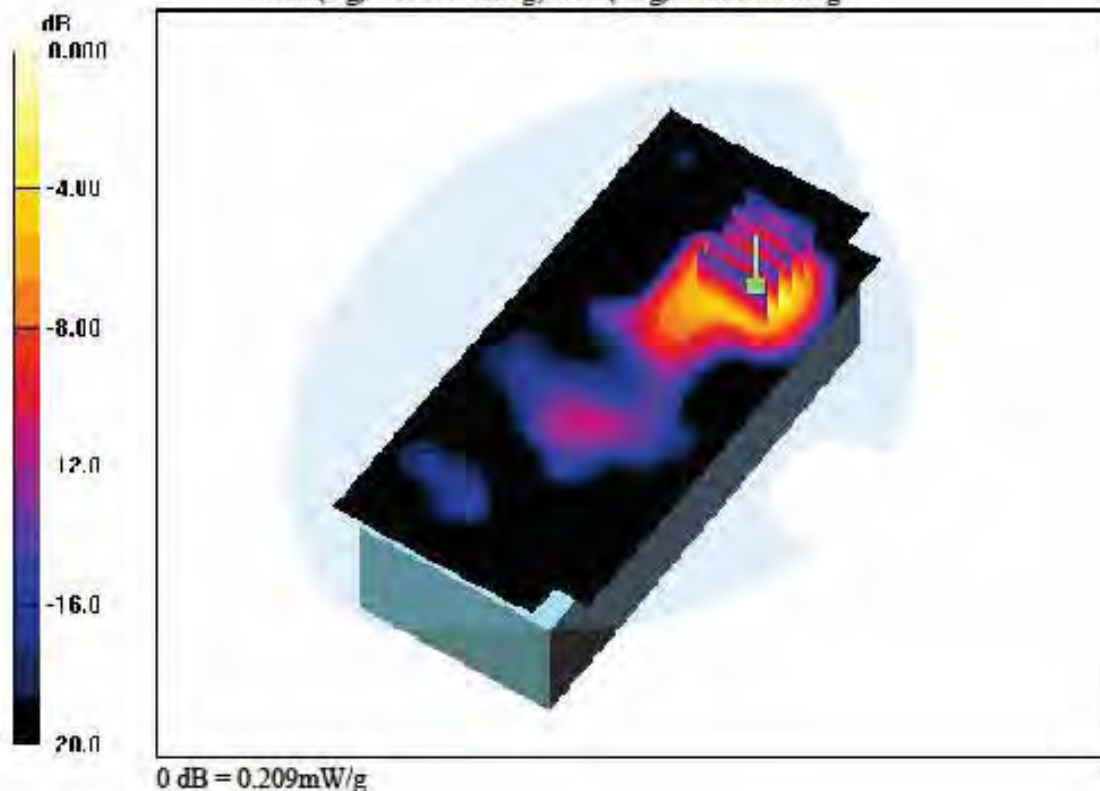
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, PCS1900 Ch. 661, Ant Internal

Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.081 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, PCS1900 GPRS Class 8 Ch. 661, Ant Internal

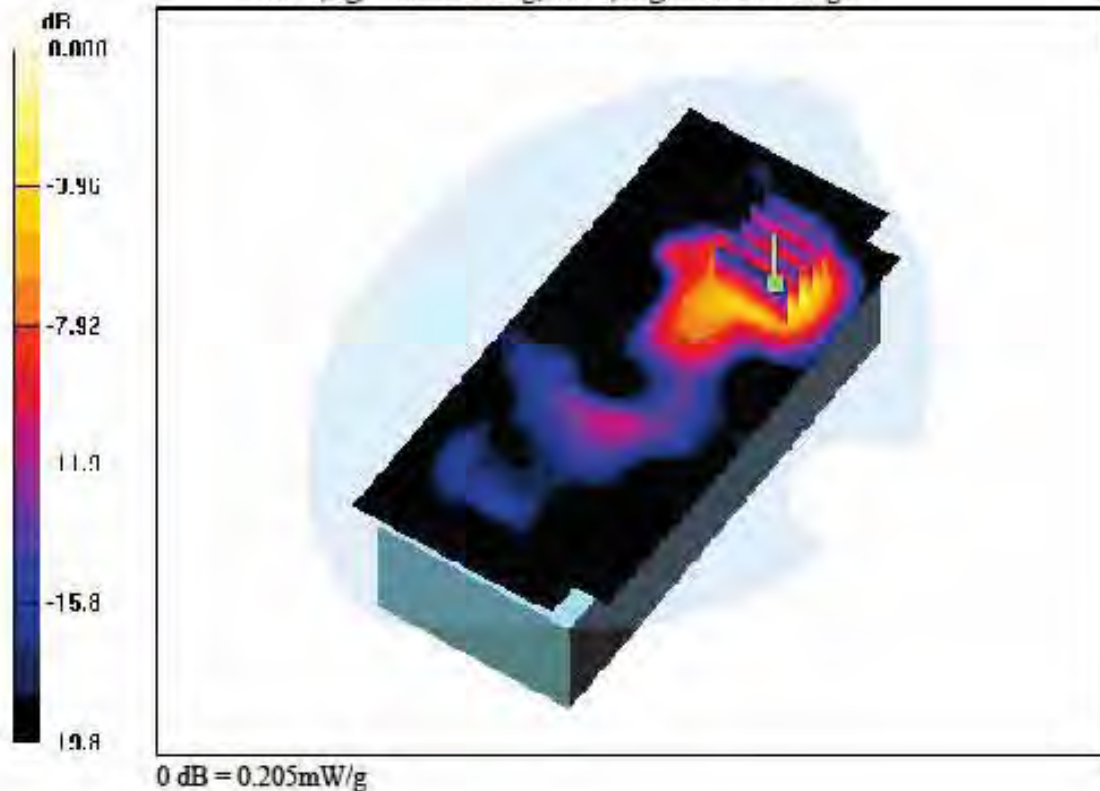
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.080 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

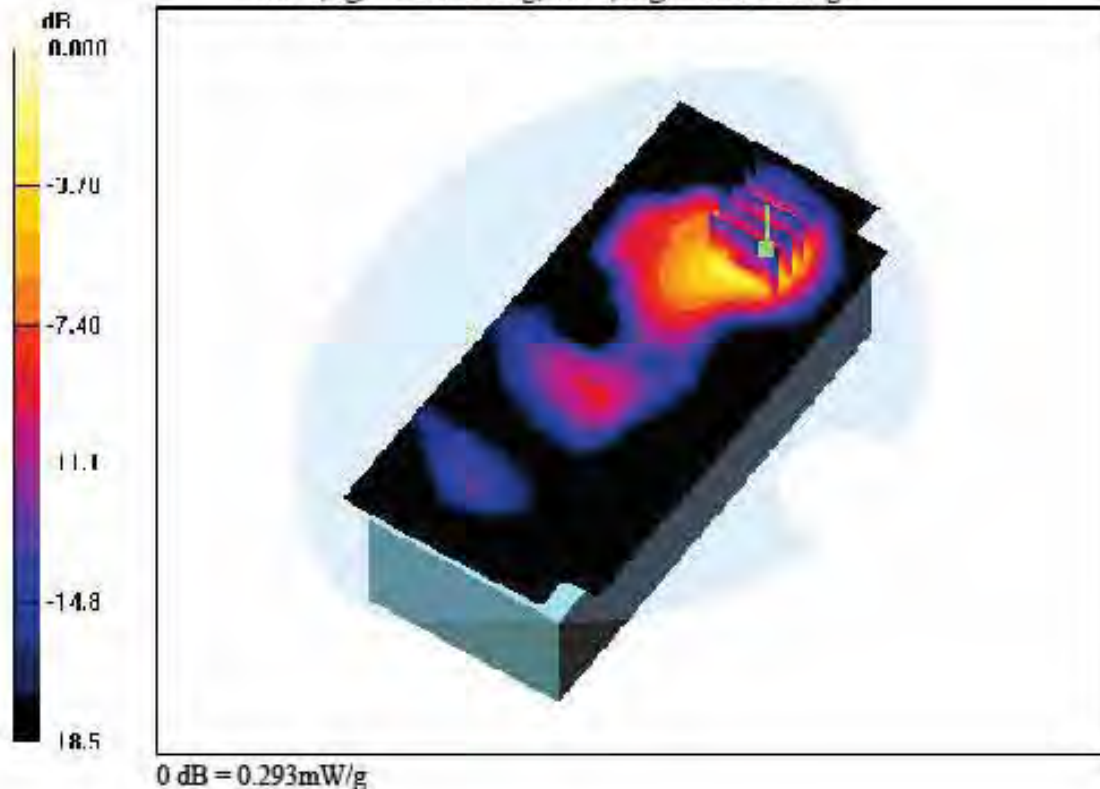
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, PCS1900 GPRS Class 10 Ch. 512, Ant Internal

Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.079 dB
Peak SAR (extrapolated) = 0.412 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.118 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, PCS1900 GPRS Class 10 Ch. 661, Ant Internal

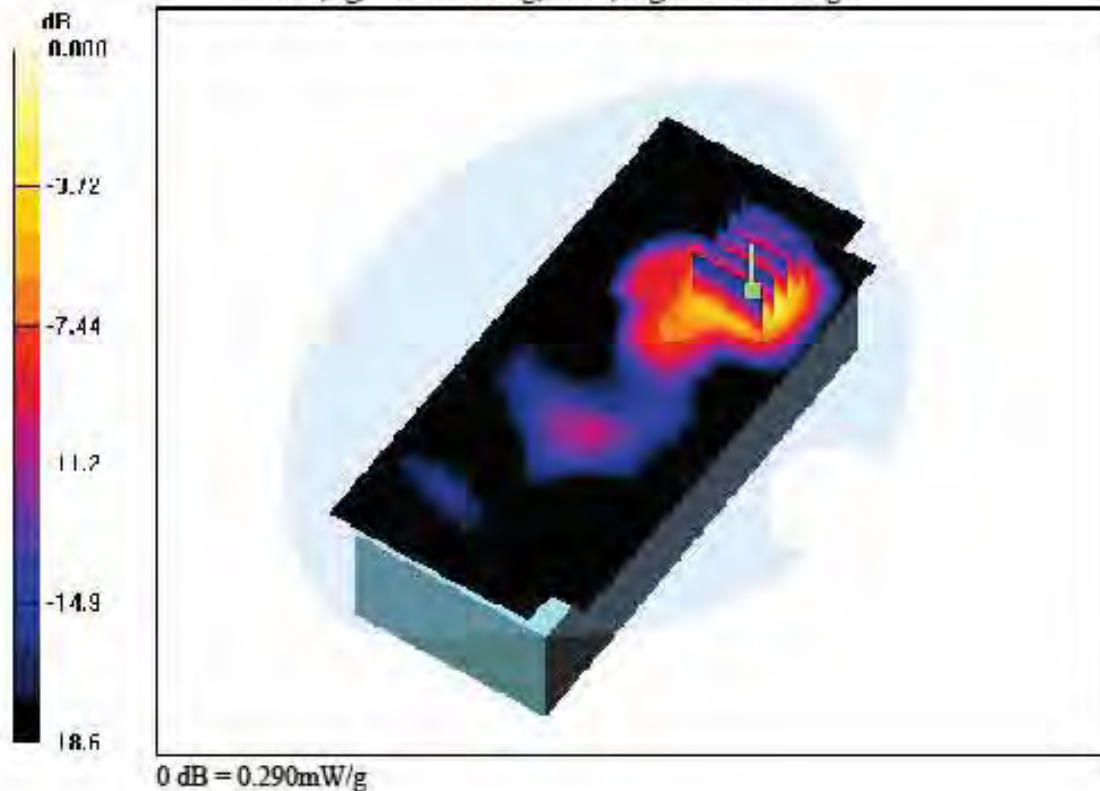
Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.113 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

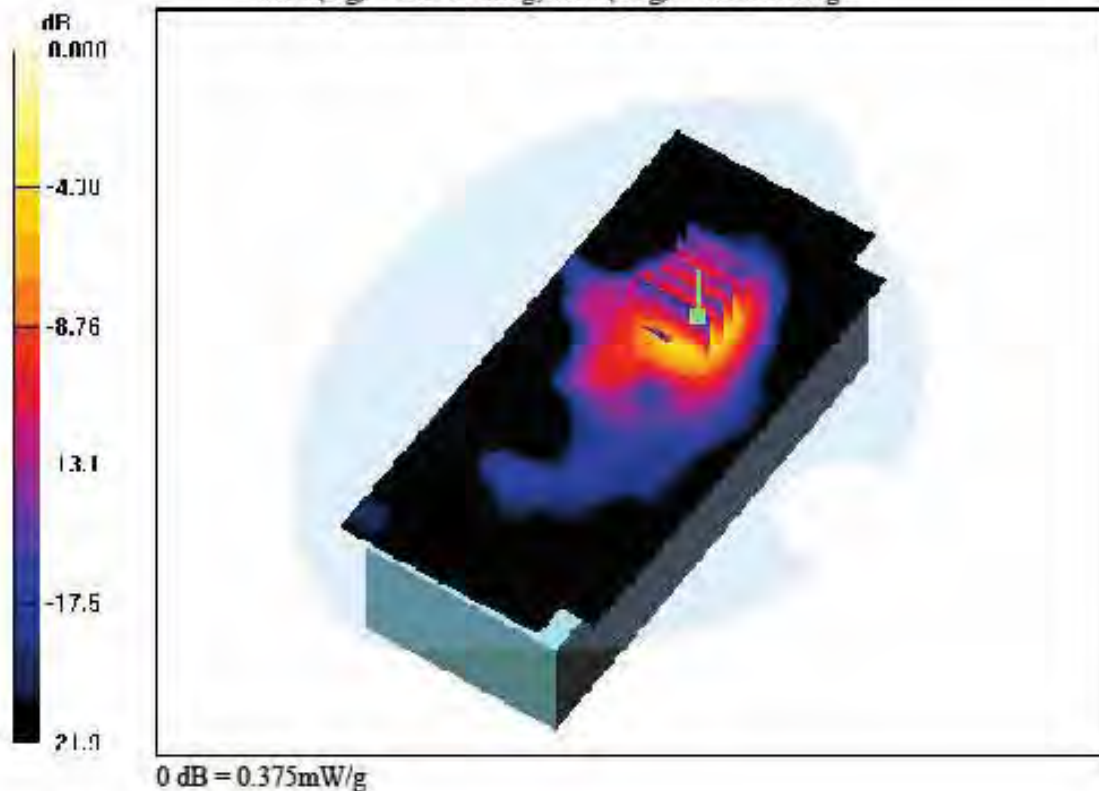
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.136 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³
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

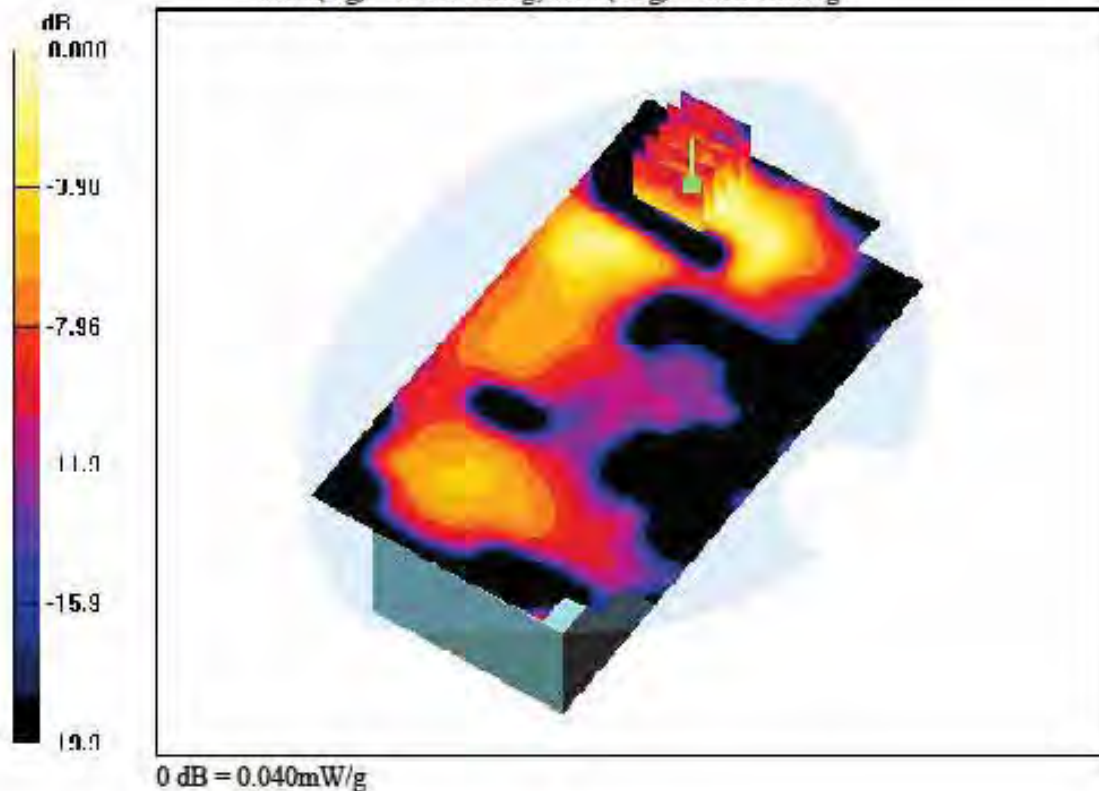
Test Date: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Rear, PCS1900 GPRS Class 10 Ch. 661, Ant Internal**Area Scan (91x151x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.051 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.018 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

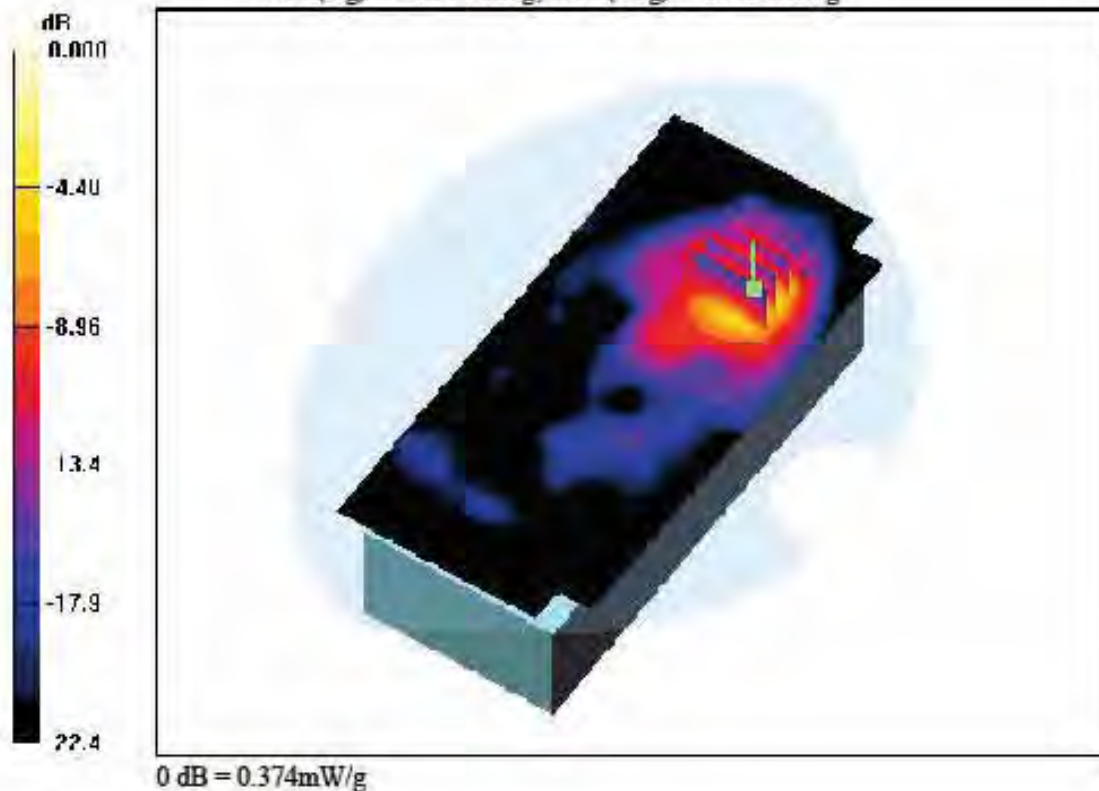
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, Sim2, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.205 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.133 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

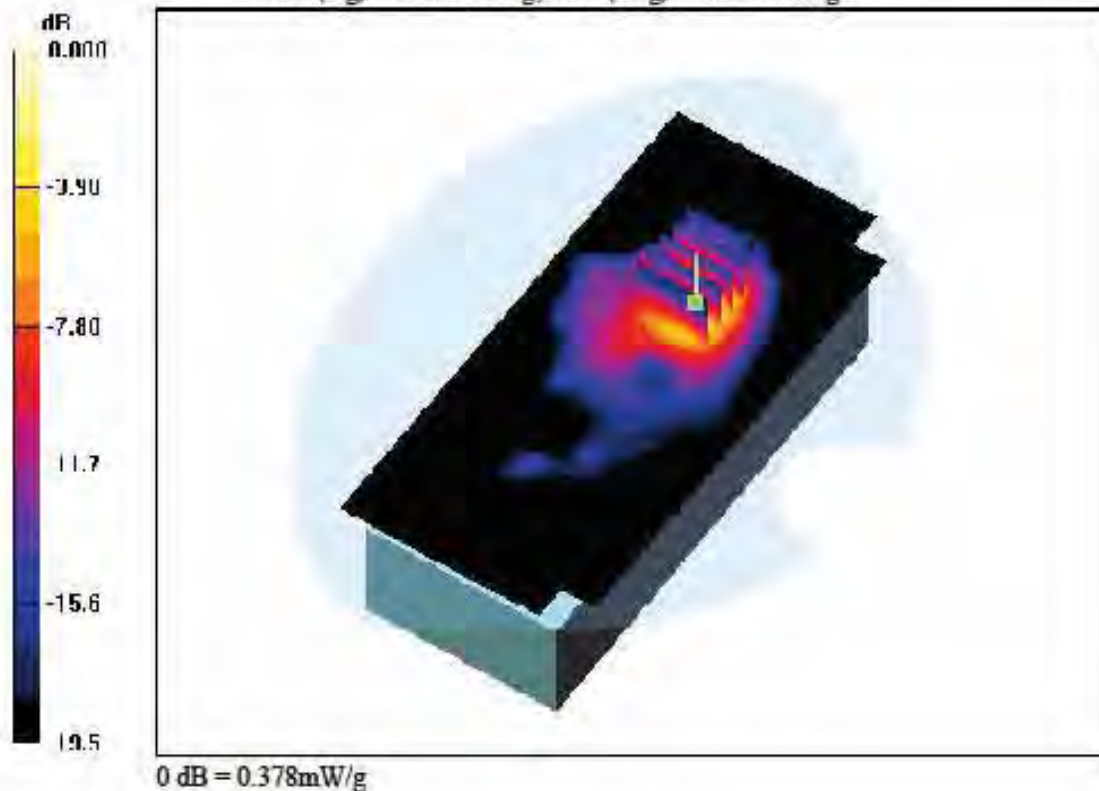
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, RFID, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

Area Scan (71x151x1): 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 = 0.138 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.136 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, RFID Sim2, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

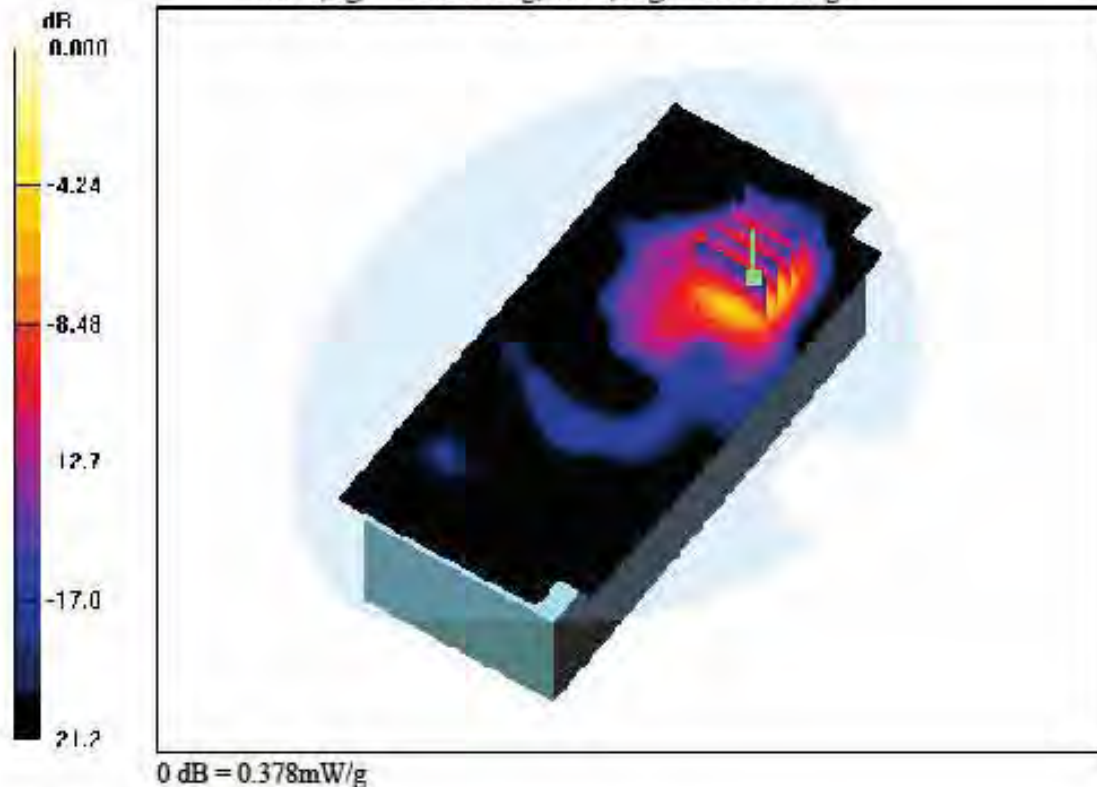
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.132 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, Card Reader, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

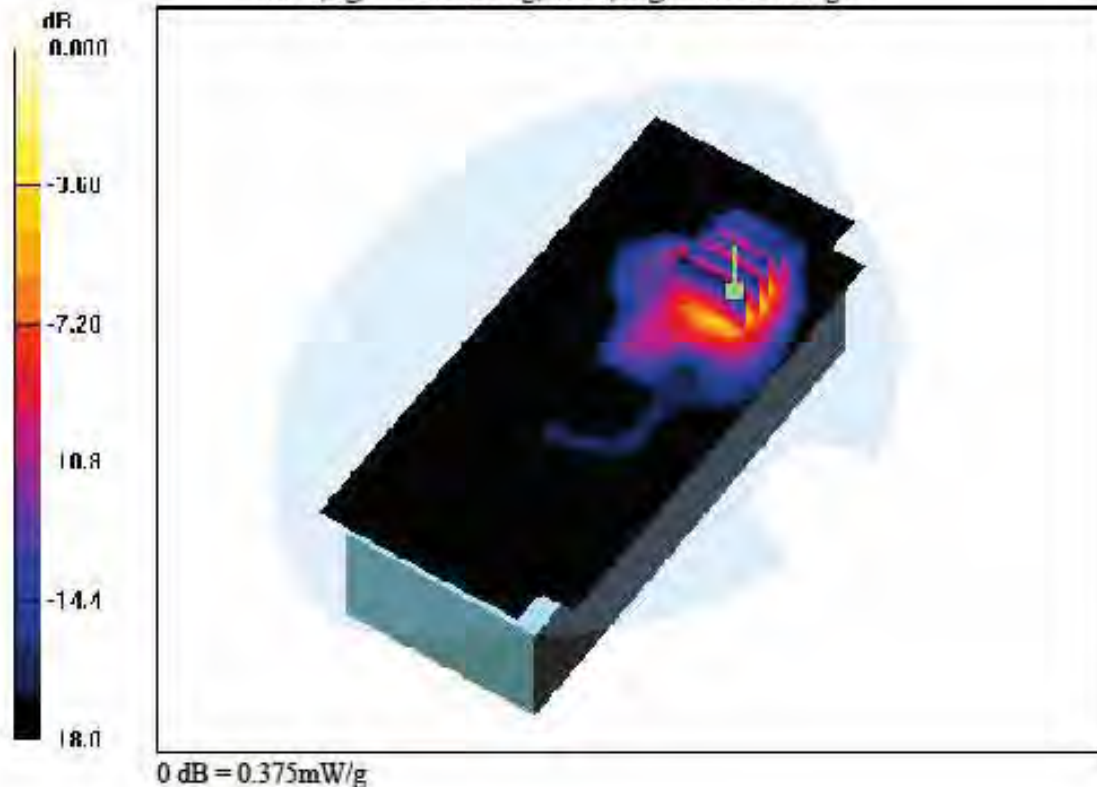
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.115 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.133 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, Card Reader Sim2, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

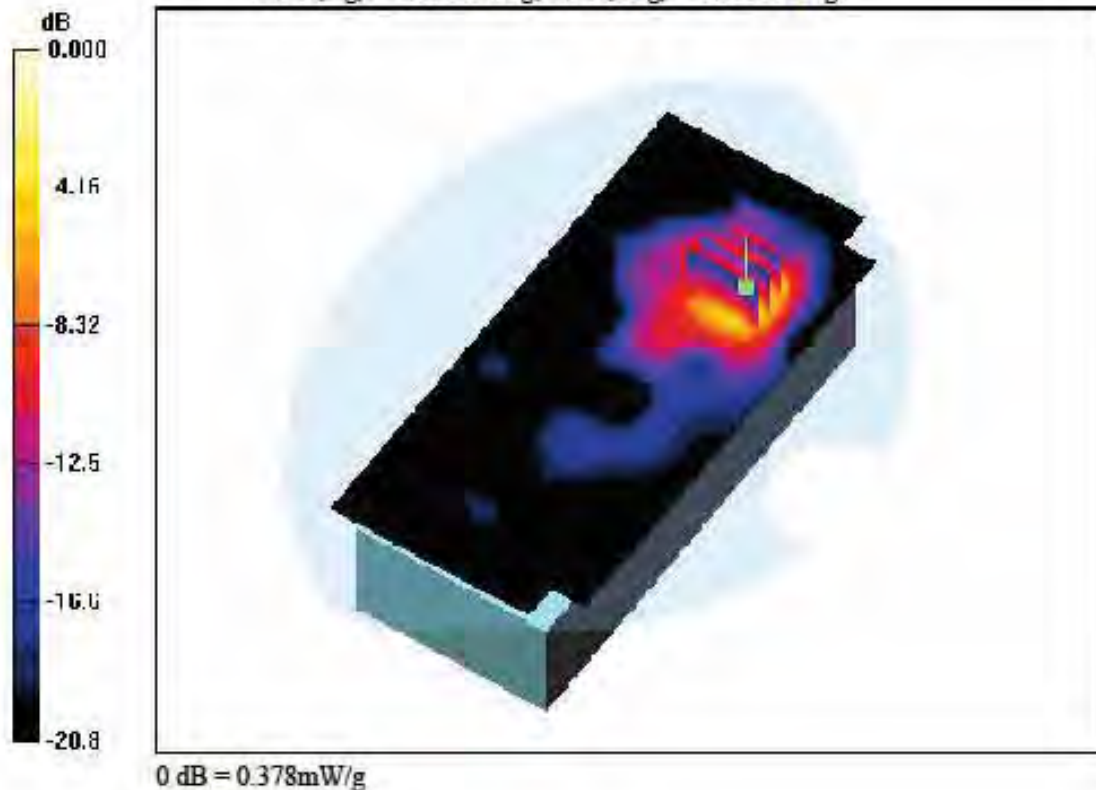
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.132 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, Finger Printer, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

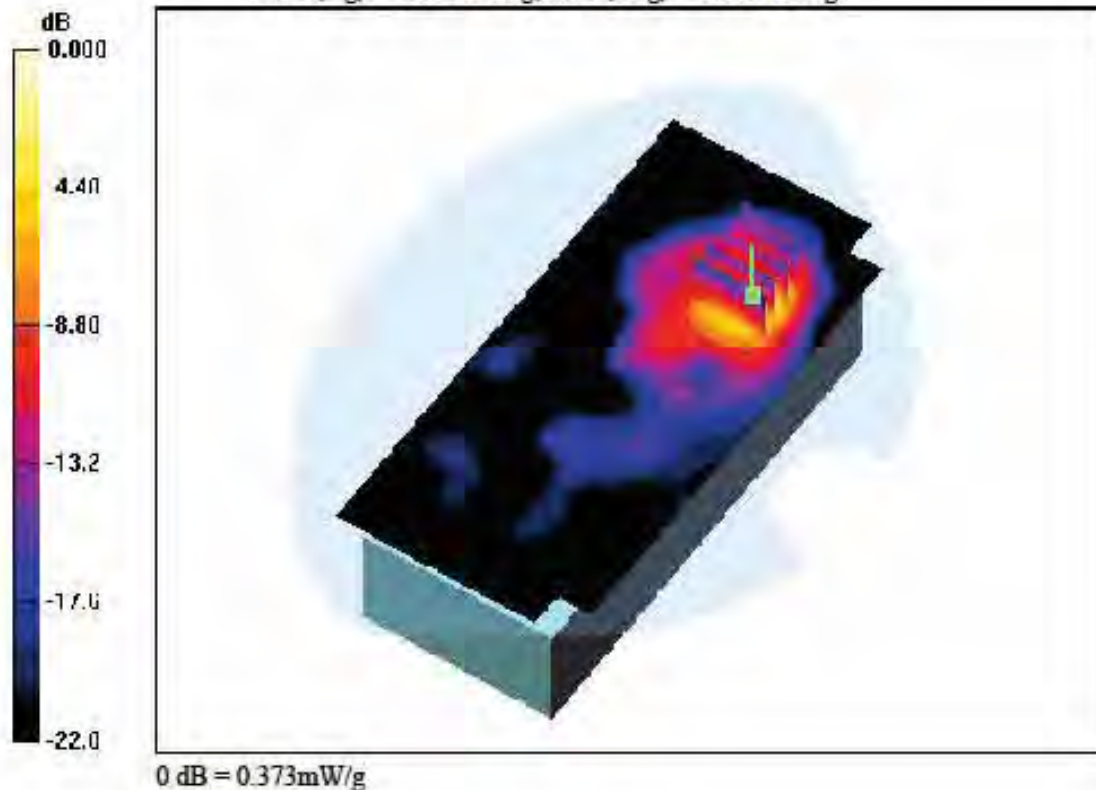
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.126 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³
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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, Finger Printer Sim2, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

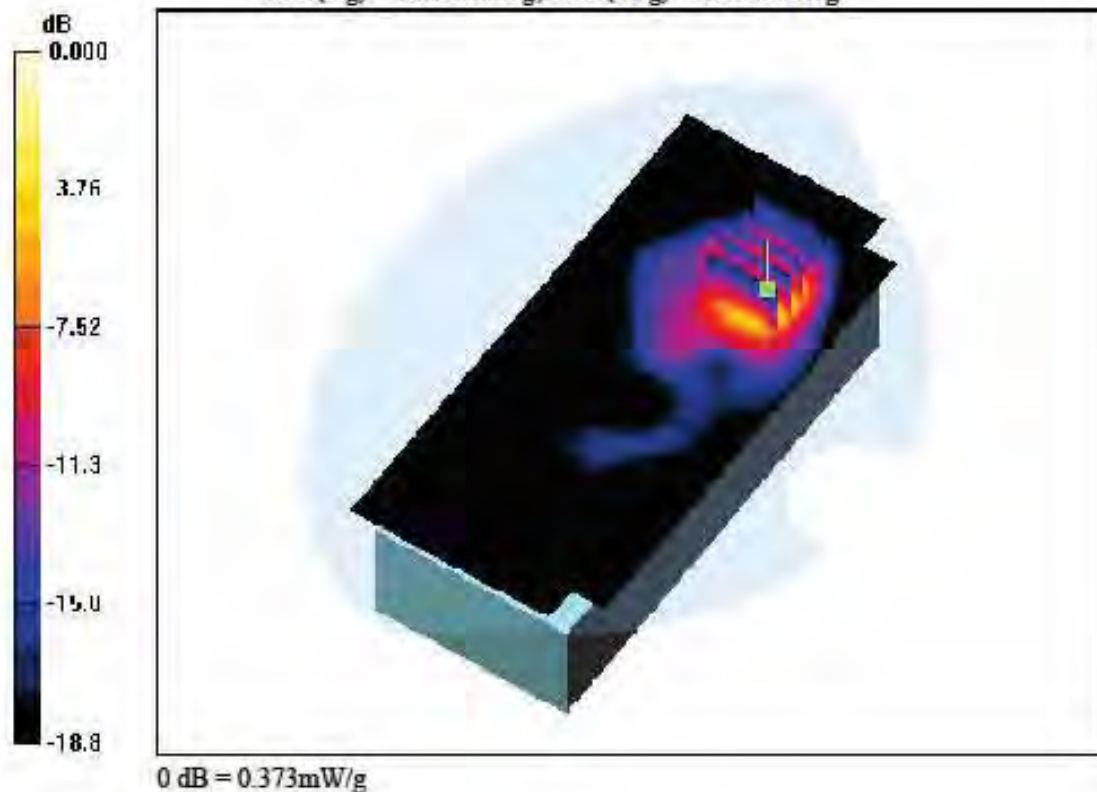
Area Scan (71x151x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.132 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.961 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4132, Ant Internal

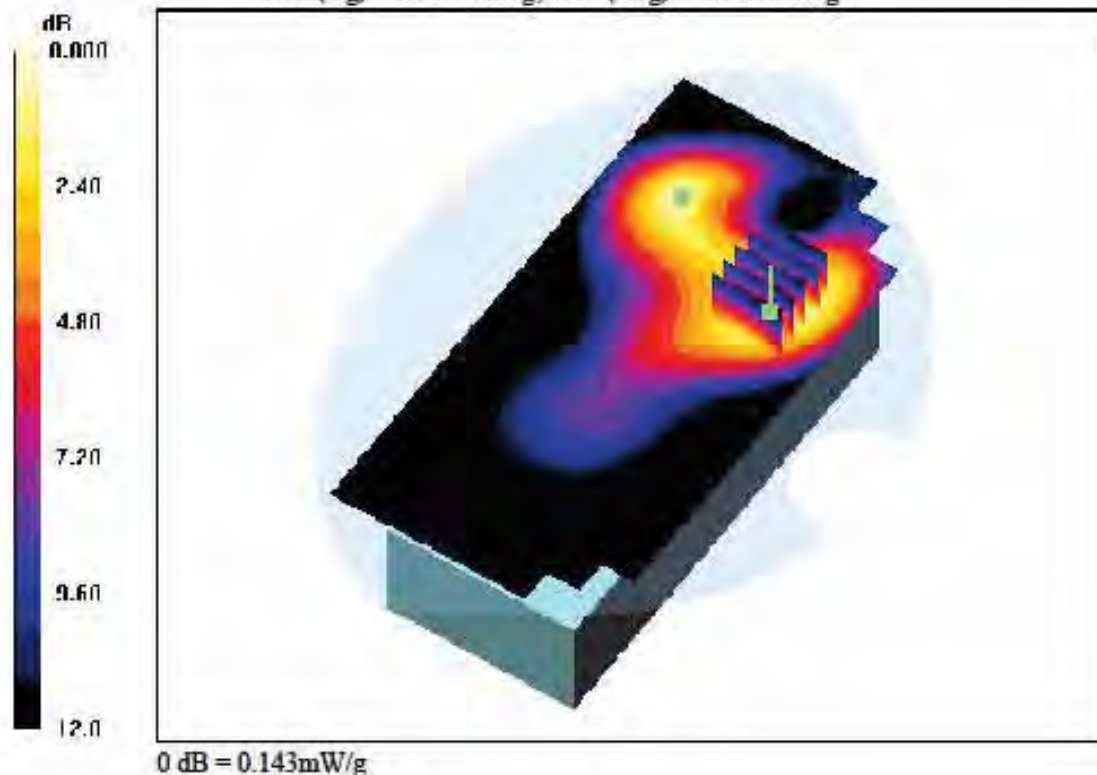
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.080 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 826.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 826.4 \text{ MHz}$; $\sigma = 0.961 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4132, Ant Internal

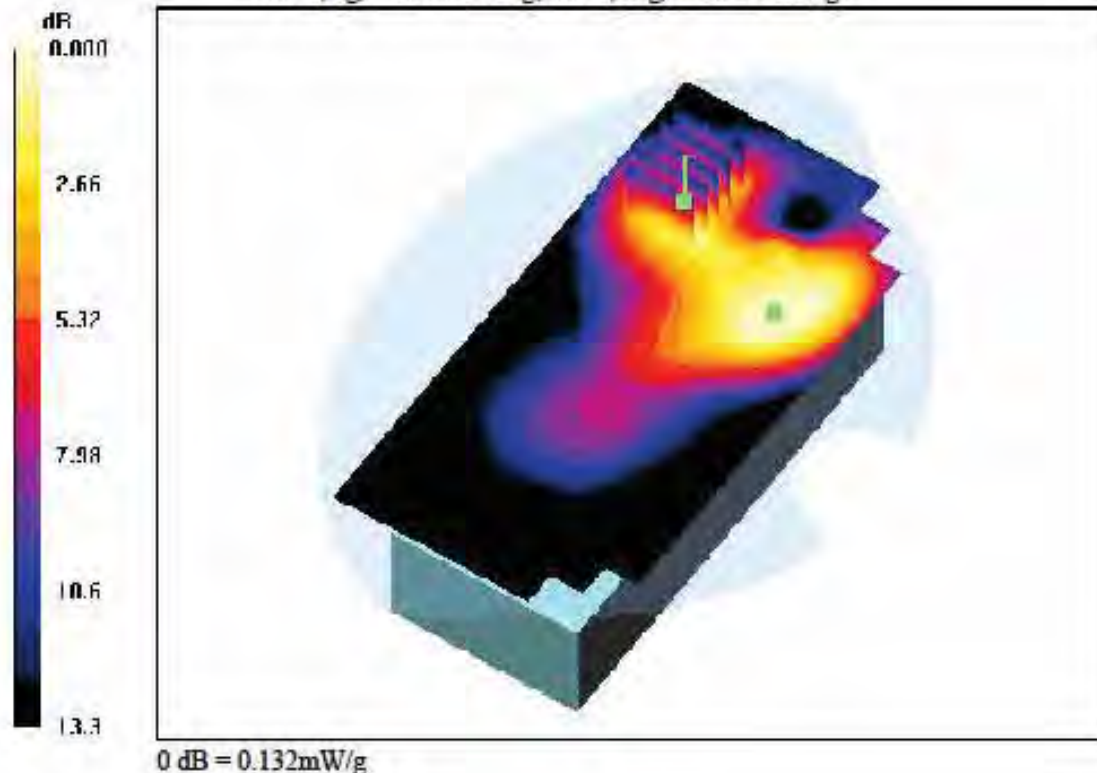
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.178 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.068 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

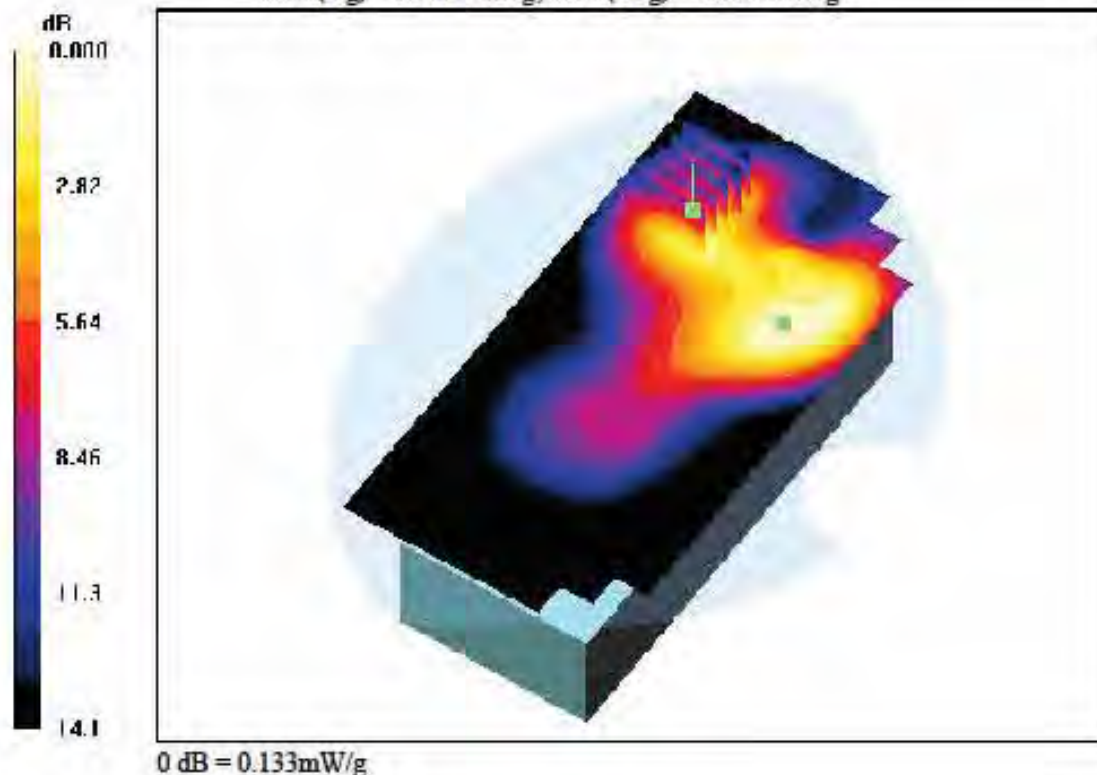
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4183, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.134 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.070 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.4$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

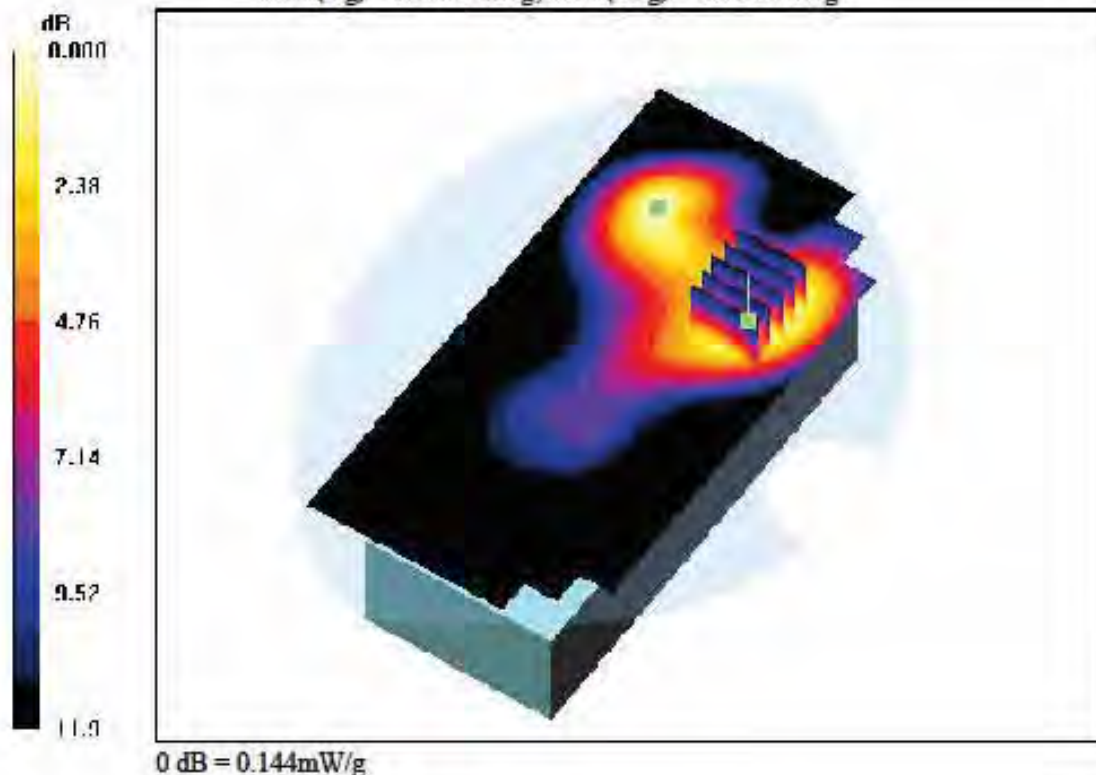
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4183, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Power Drift = 0.134 dB
 Peak SAR (extrapolated) = 0.229 W/kg
 SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.081 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

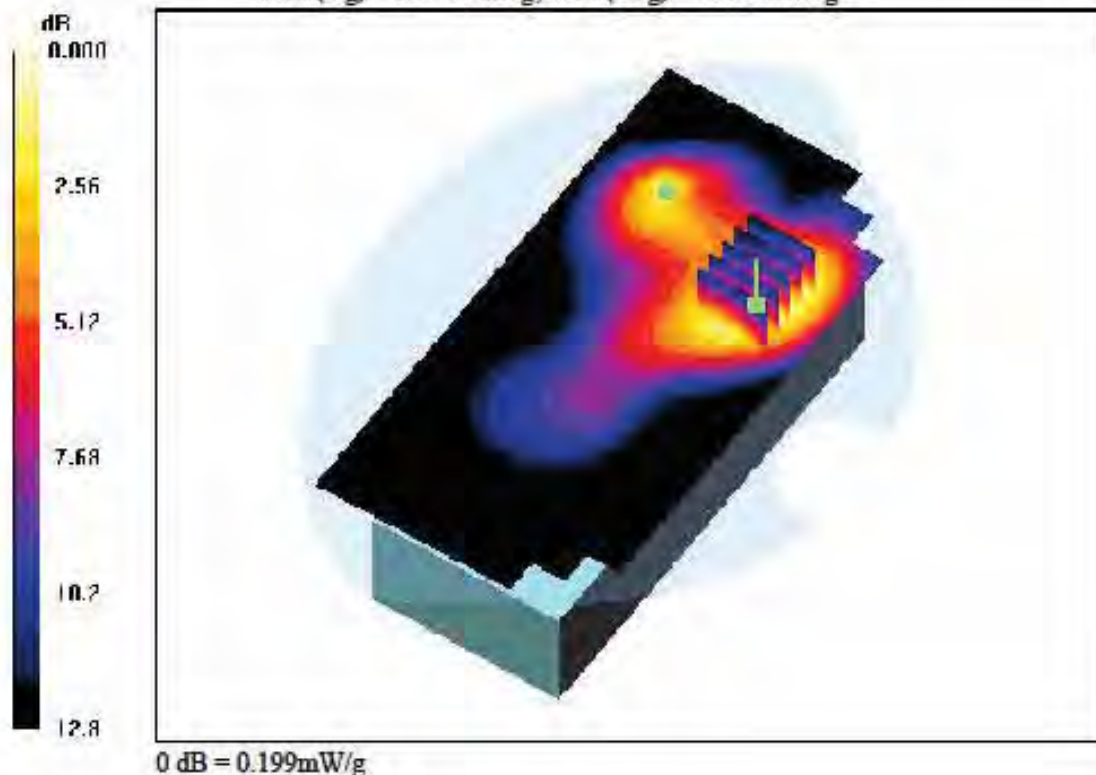
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.096 dB
 Peak SAR (extrapolated) = 0.301 W/kg
 SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.109 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

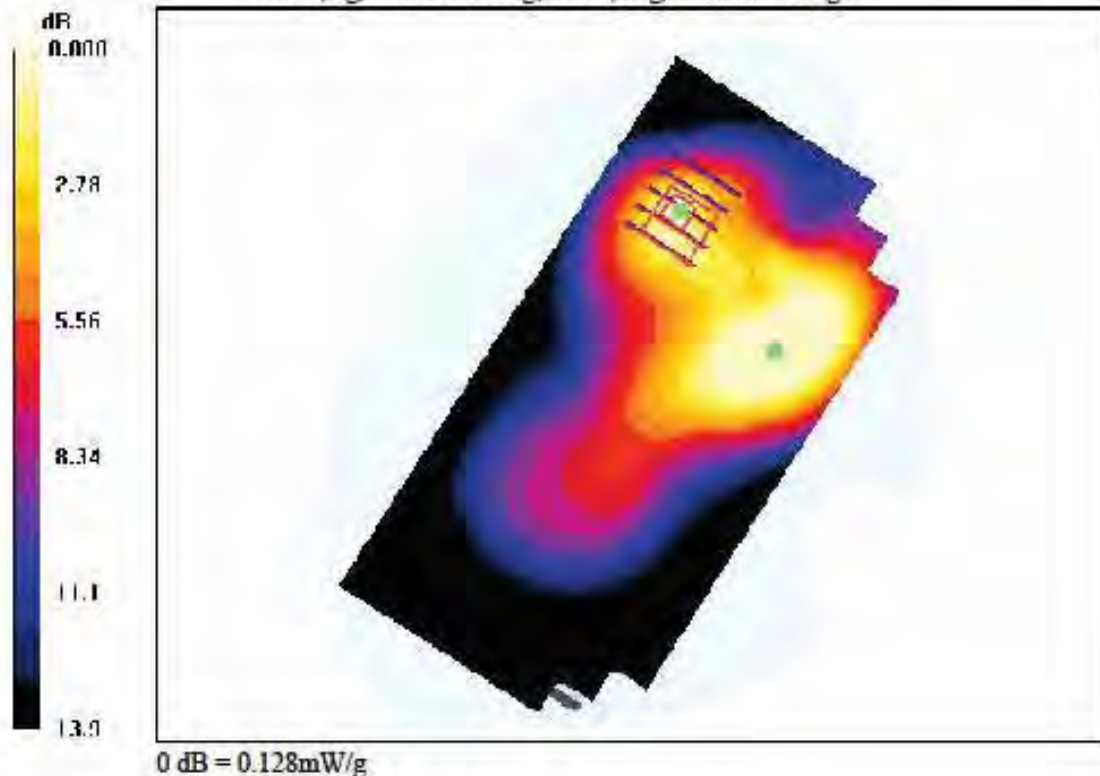
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.096 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.067 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

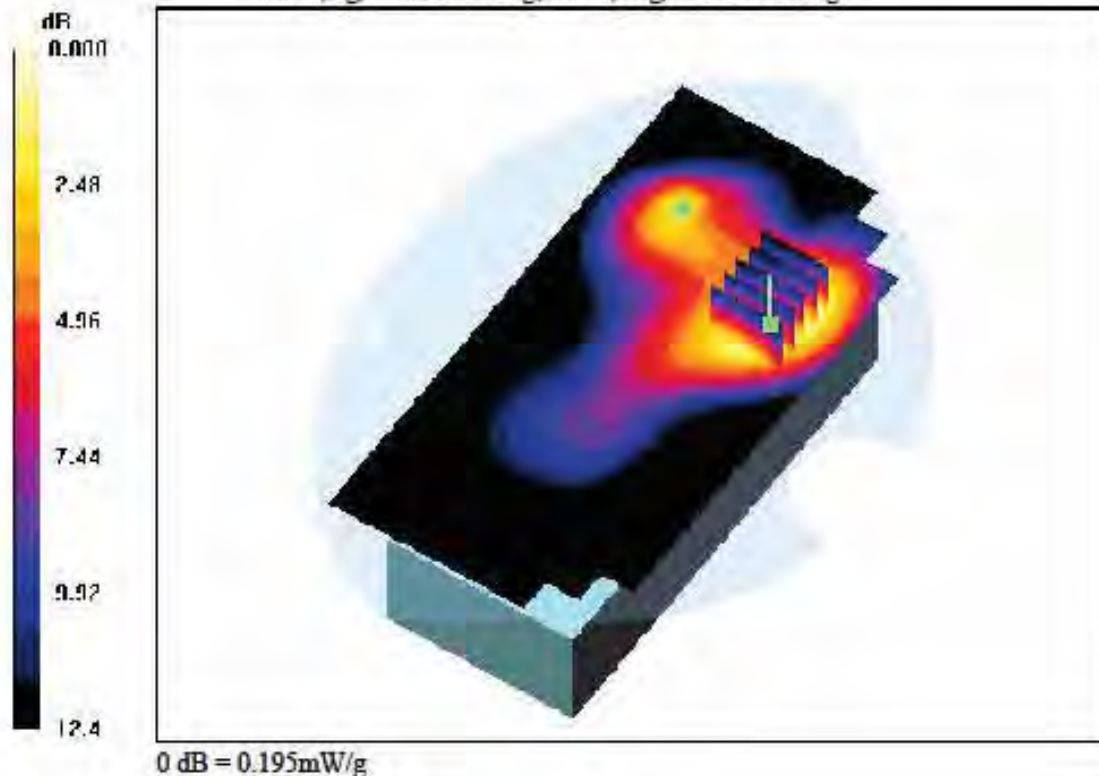
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Sim2, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.082 dB
 Peak SAR (extrapolated) = 0.298 W/kg
 SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.108 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

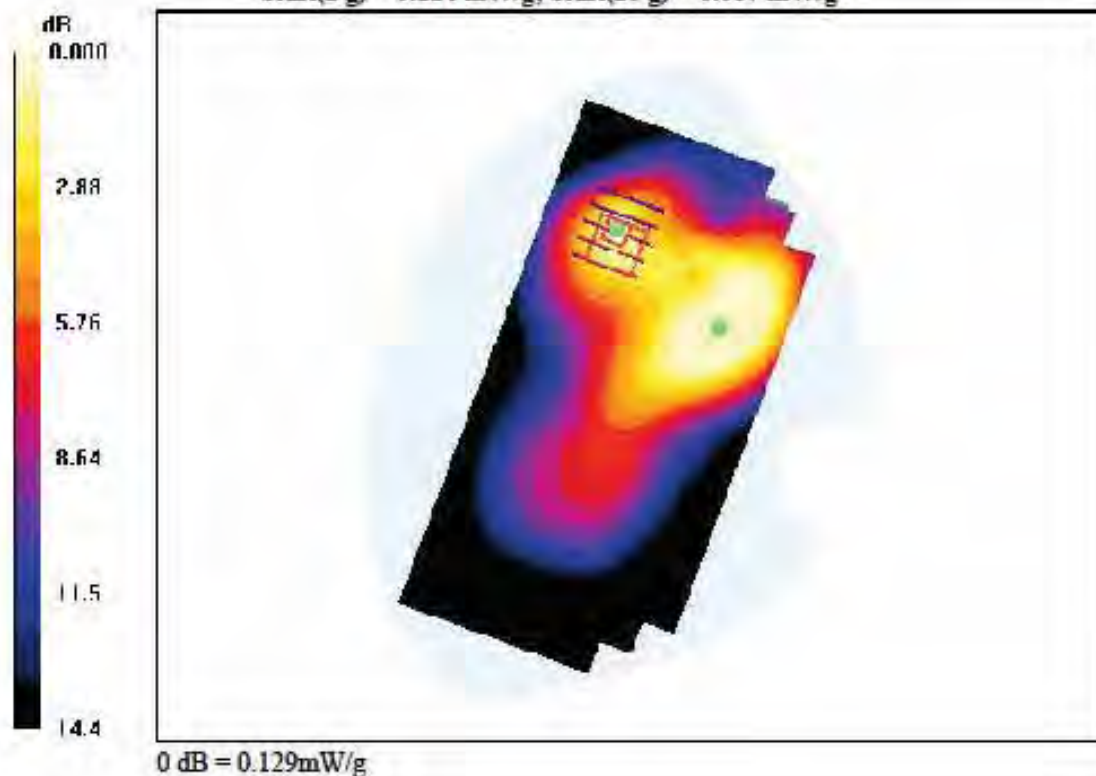
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Sim2, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.082 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.067 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, RFID, WCDMA850 Ch. 4233, Ant Internal

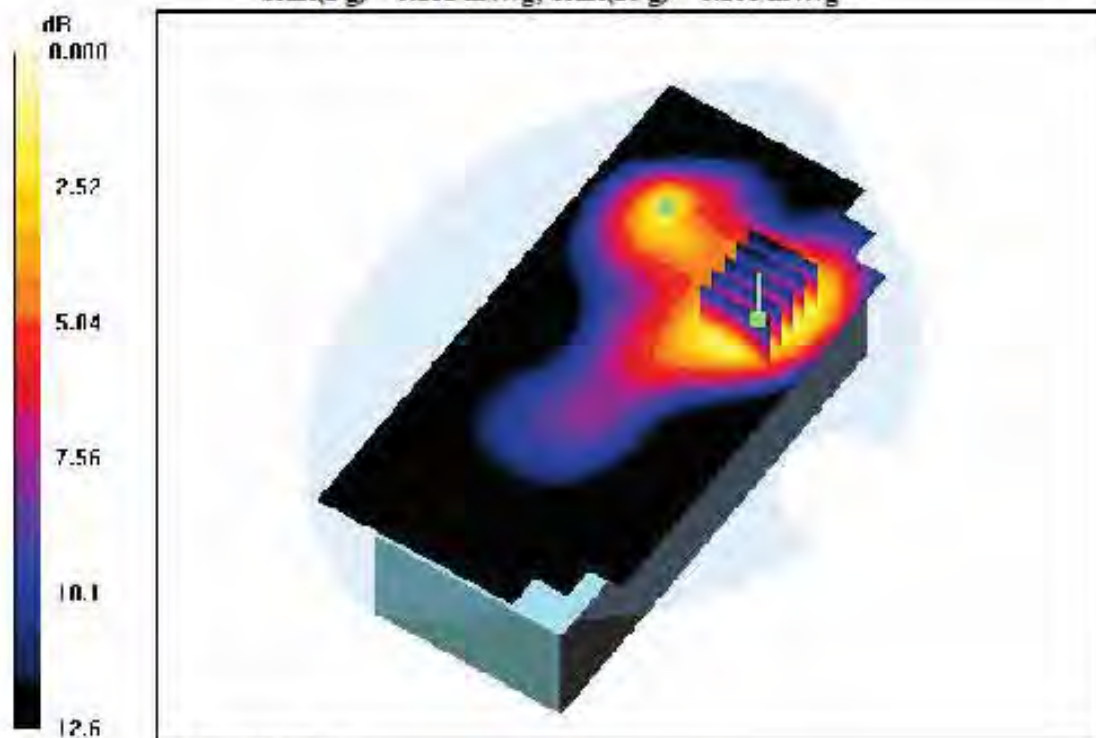
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.195mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, RFID, WCDMA850 Ch. 4233, Ant Internal

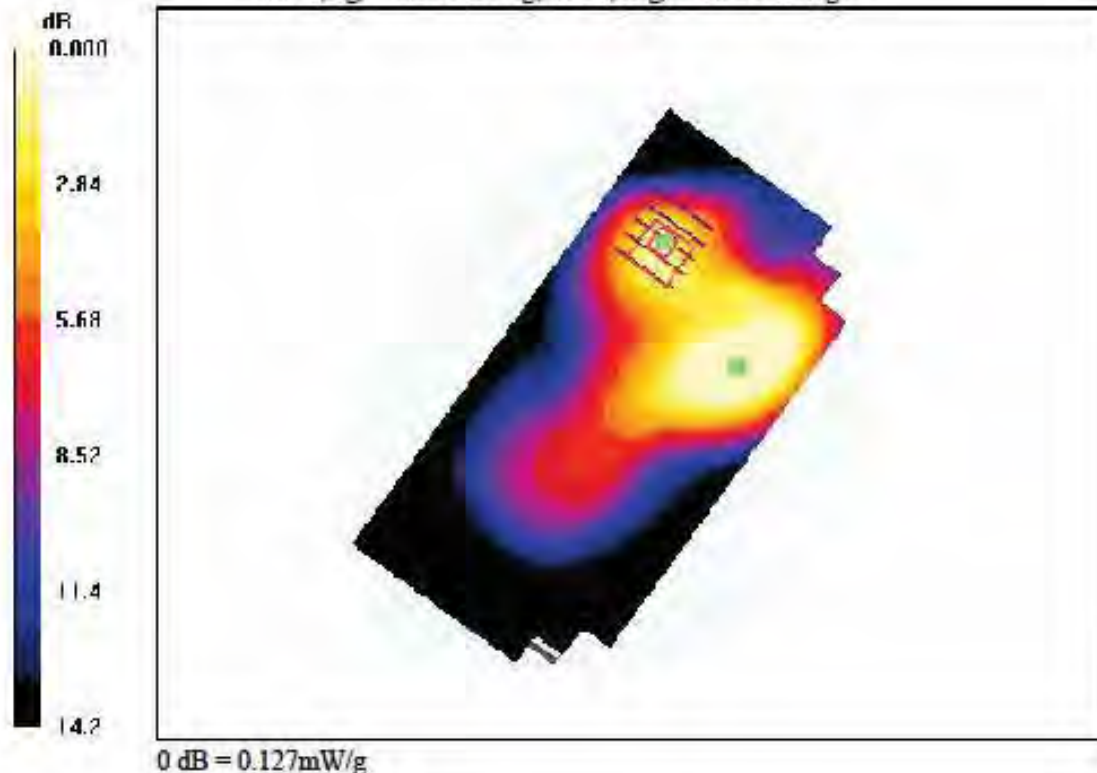
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.196 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.068 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, RFID Sim2, WCDMA850 Ch. 4233, Ant Internal

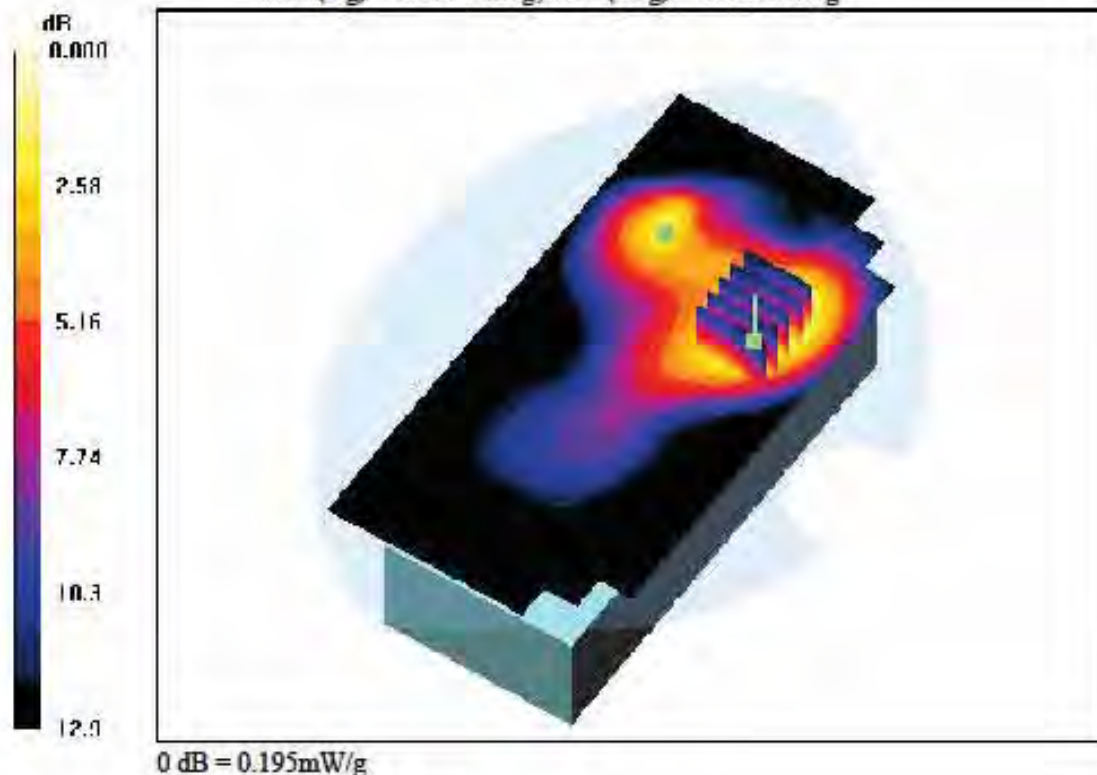
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.117 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.105 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

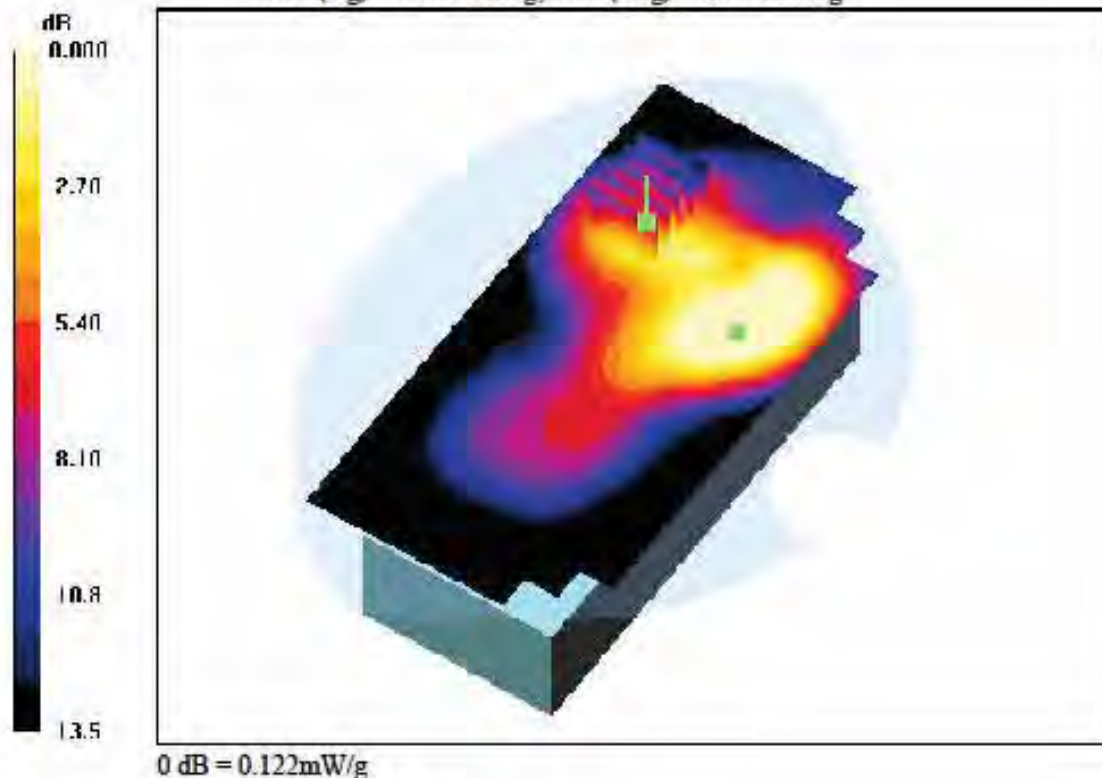
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, RFID Sim2, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.117 dB
 Peak SAR (extrapolated) = 0.208 W/kg
 SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.068 mW/g



DIGITAL EMC CO., LTD

DUT: BIP-1500; Type: PDA

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

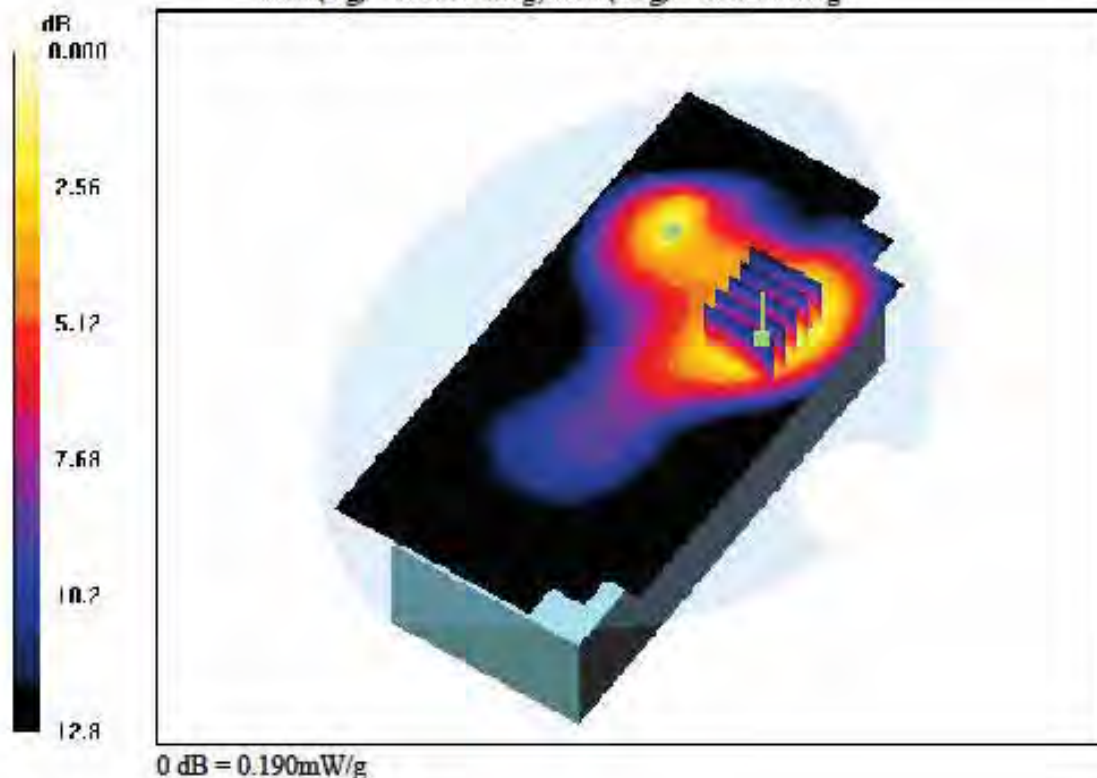
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Card Reader, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.046 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.104 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Card Reader, WCDMA850 Ch. 4233, Ant Internal

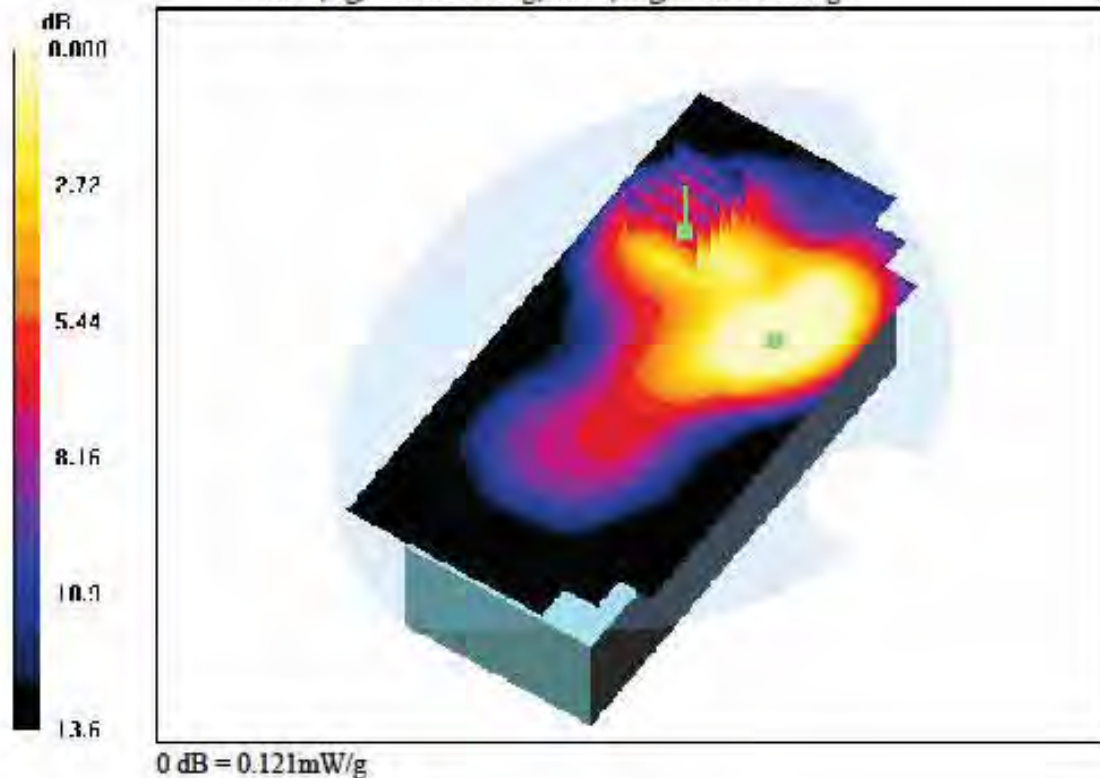
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.046 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.068 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

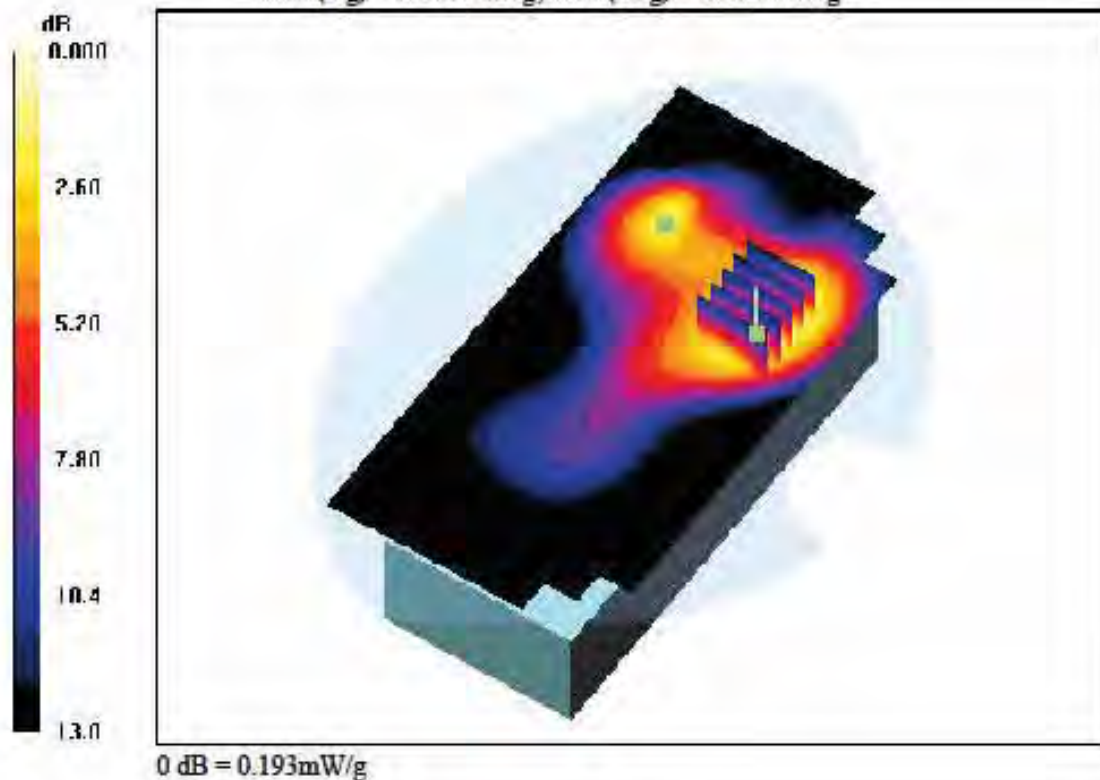
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Card Reader Sim2, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.110 dB
 Peak SAR (extrapolated) = 0.288 W/kg
 SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.104 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Card Reader Sim2, WCDMA850 Ch. 4233, Ant Internal

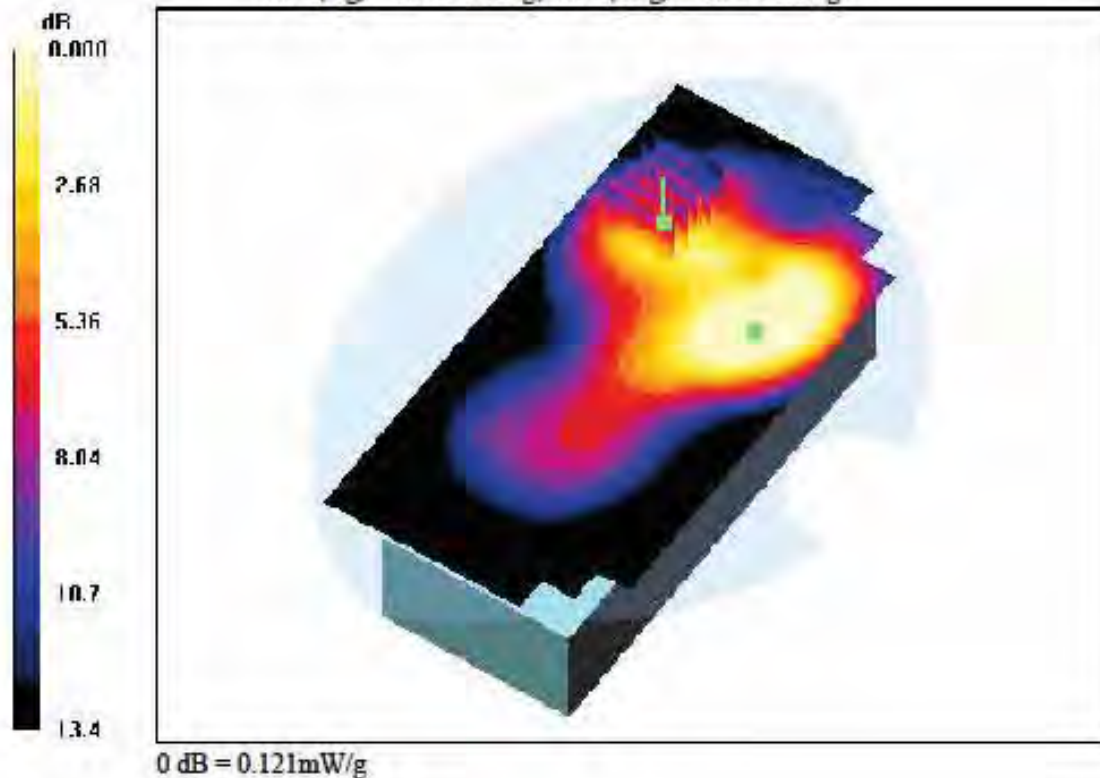
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.068 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

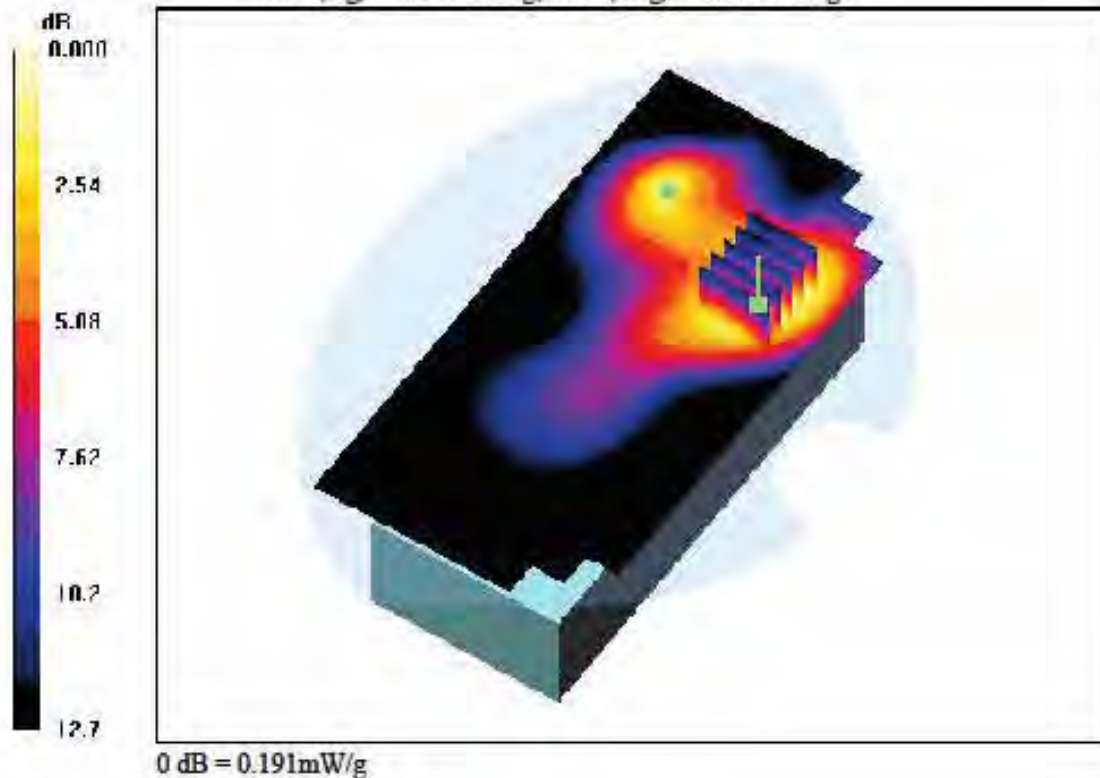
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Finger Printer, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.050 dB
 Peak SAR (extrapolated) = 0.289 W/kg
 SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.103 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

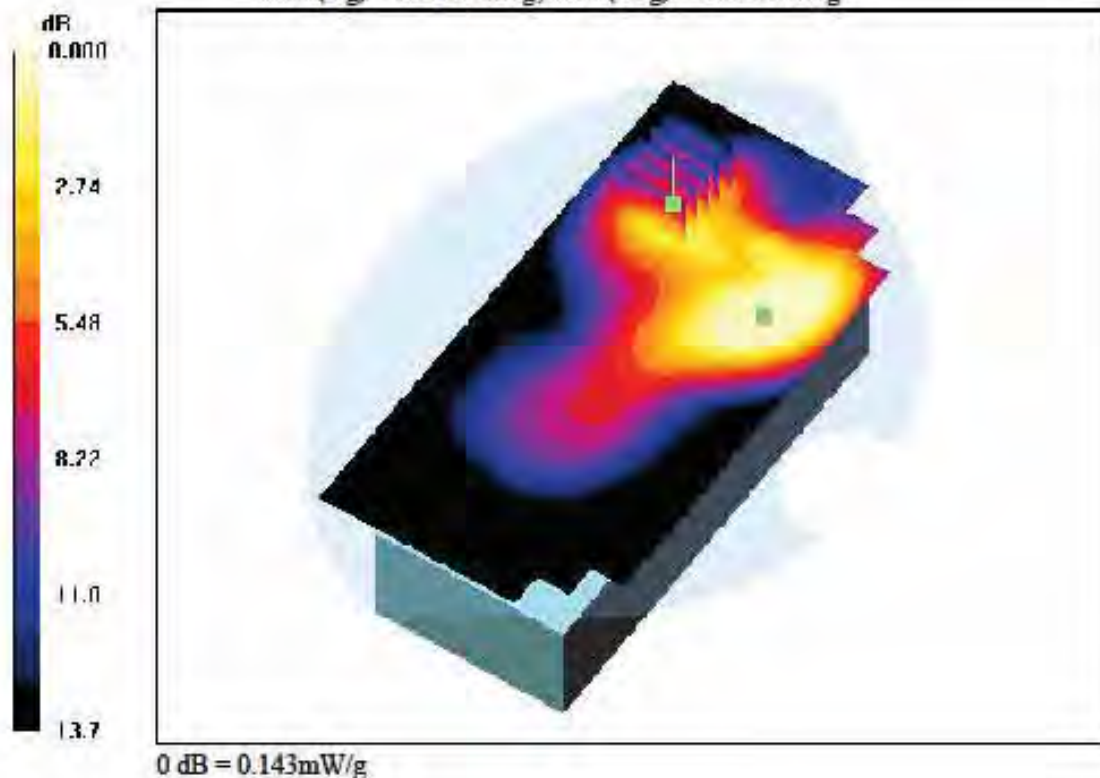
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Finger Printer, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.050 dB
 Peak SAR (extrapolated) = 0.244 W/kg
 SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.075 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Finger Printer Sim2, WCDMA850 Ch. 4233, Ant Internal

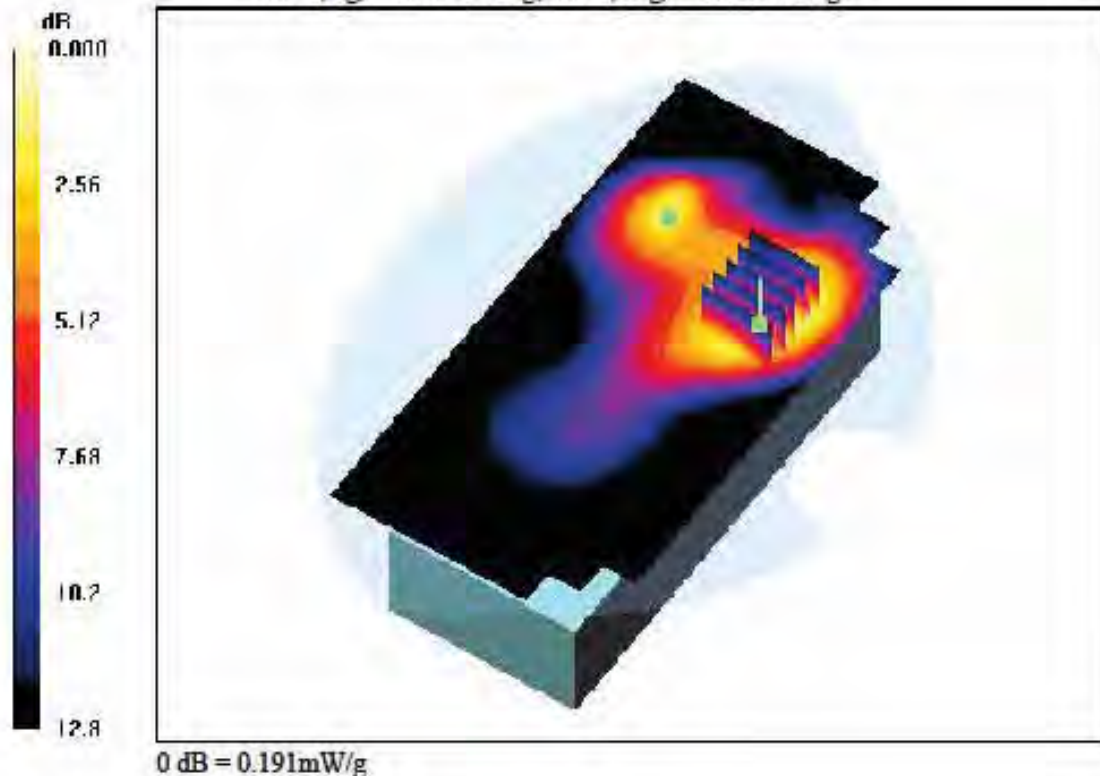
Area Scan (81x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.287 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.105 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

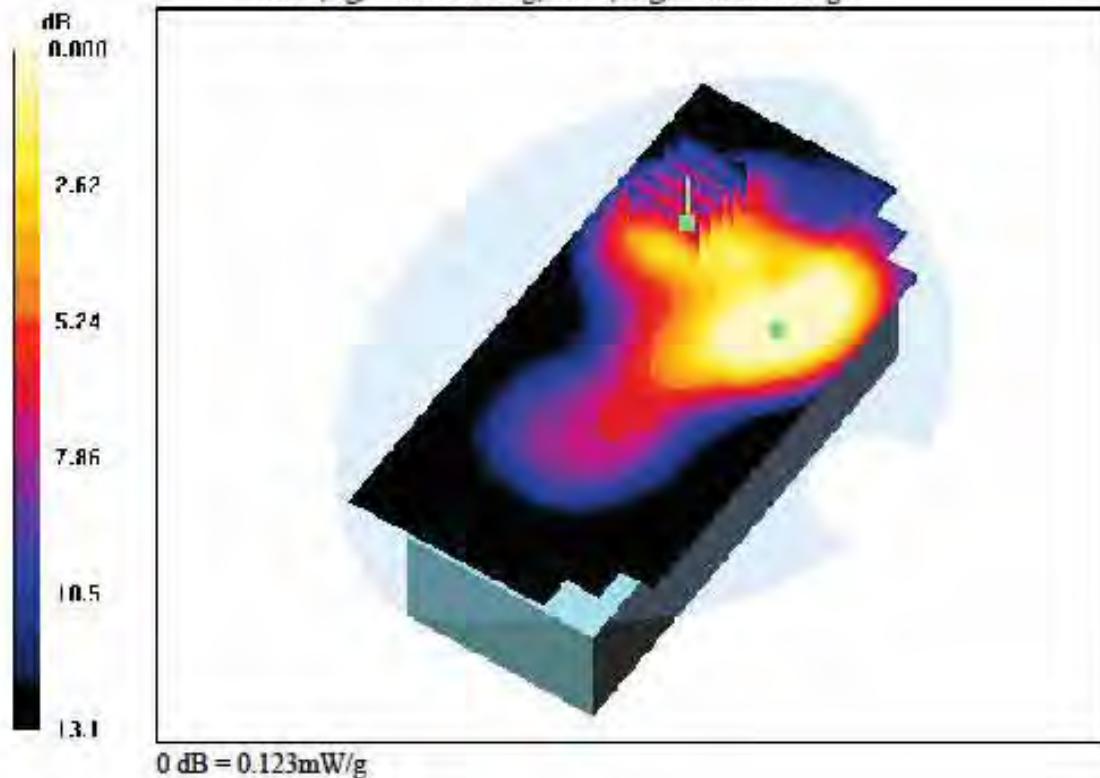
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, Finger Printer Sim2, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.024 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.069 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, WCDMA1900 Ch. 9262, Ant Internal

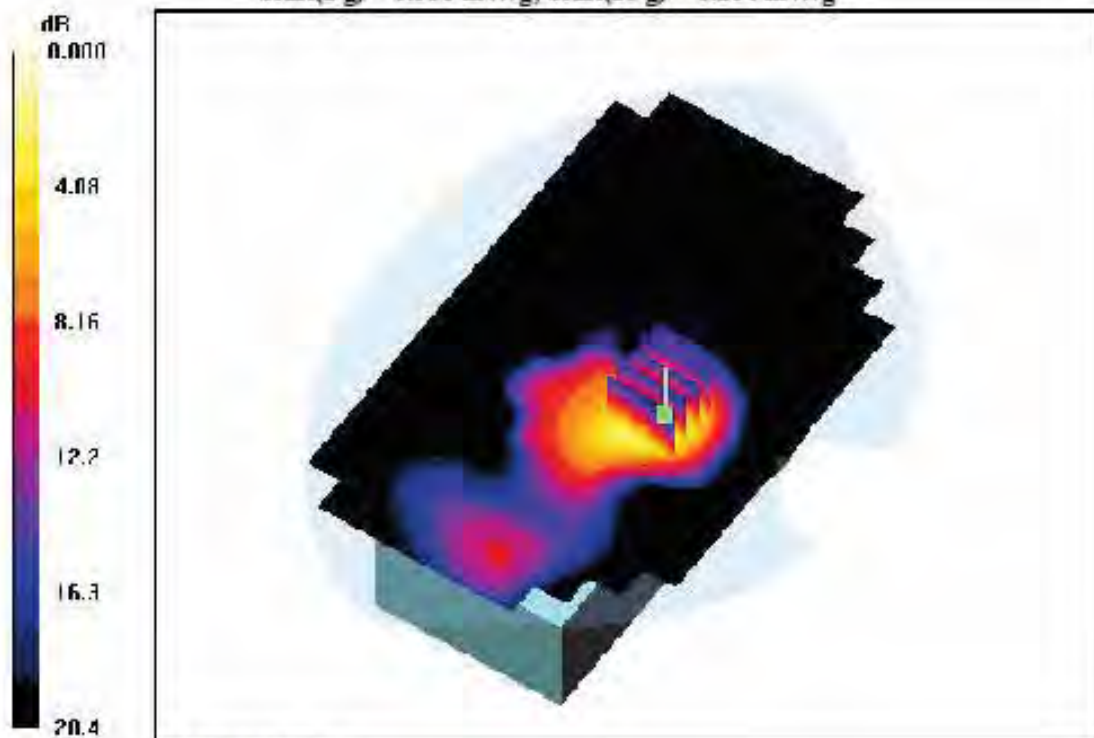
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.284 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
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

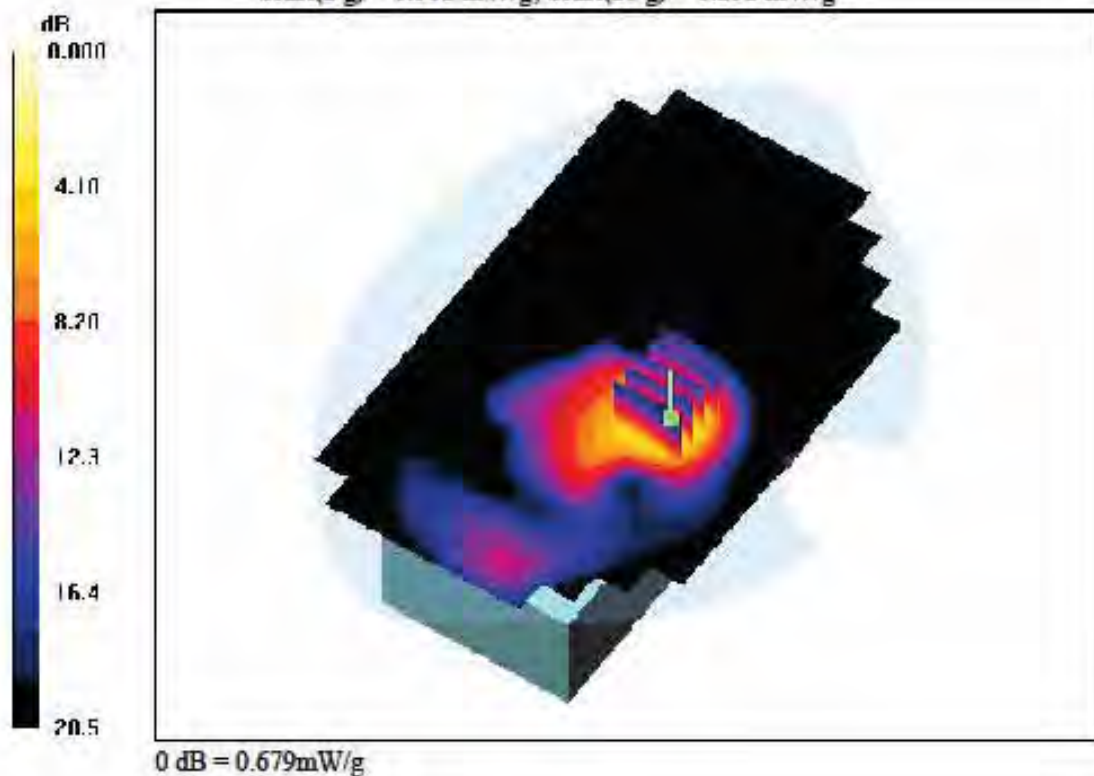
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, WCDMA1900 Ch. 9400, Ant Internal**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.251 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³
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

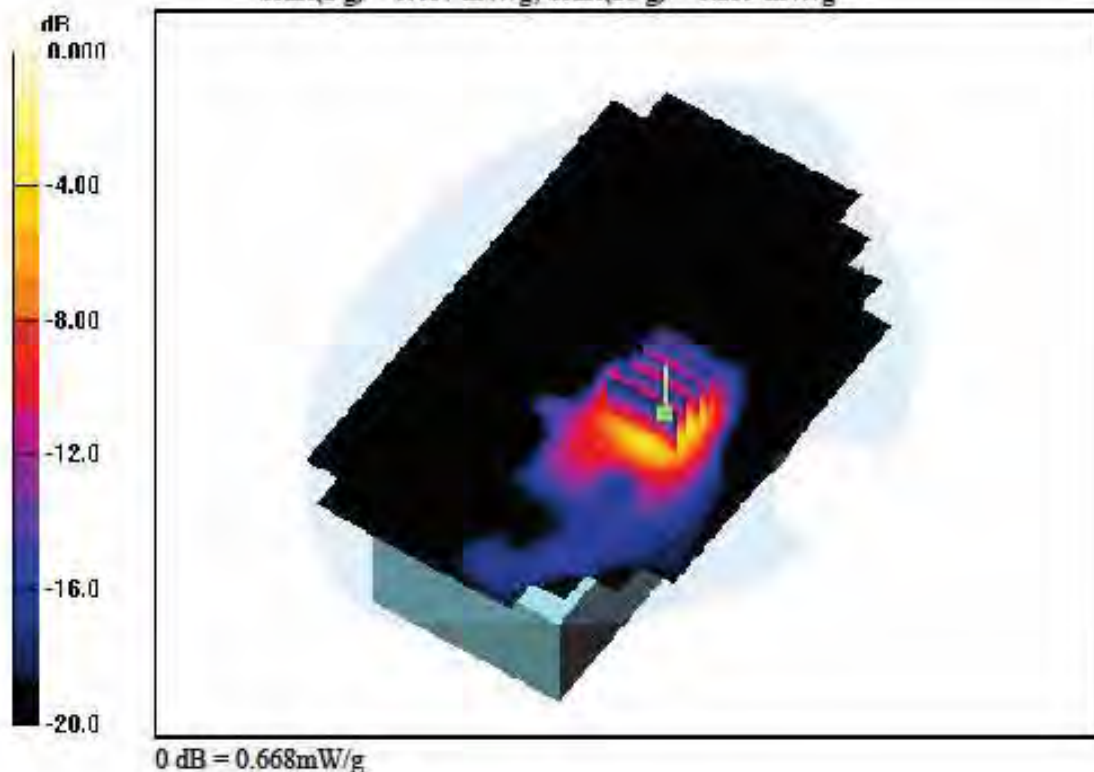
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, WCDMA1900 Ch. 9538, Ant Internal**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.961 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.239 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

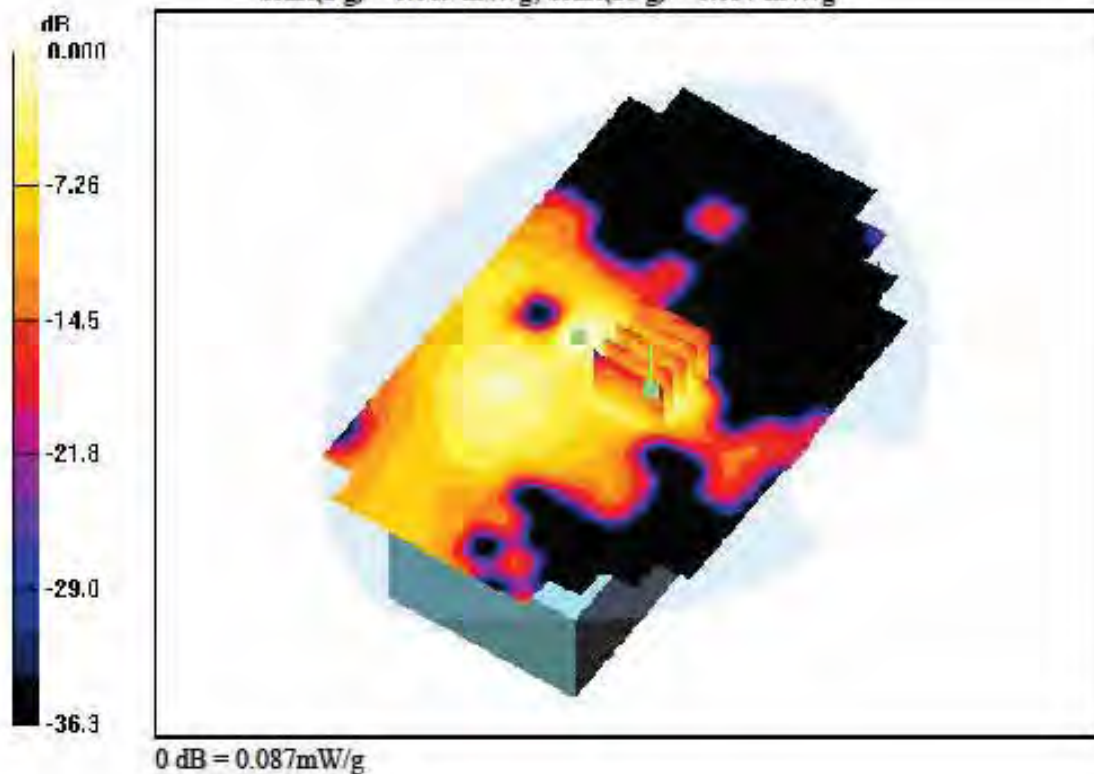
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.037 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³
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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Rear, WCDMA1900 Ch. 9400, Ant Internal

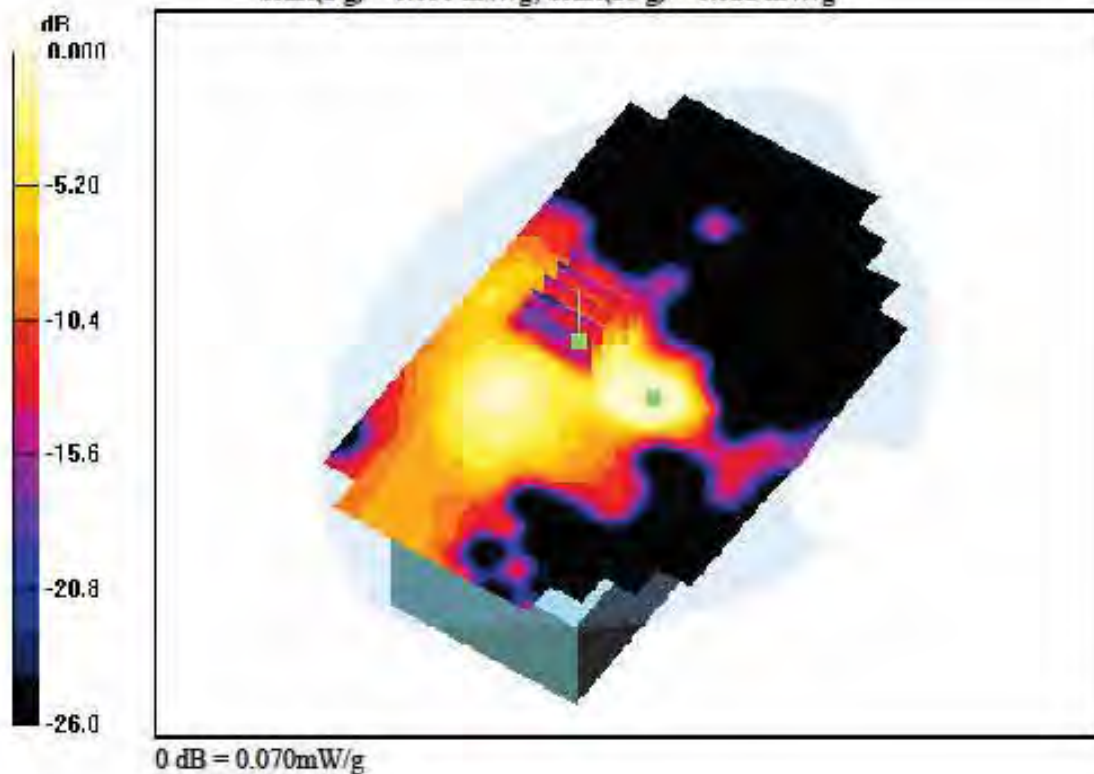
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.022 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, Sim2, WCDMA1900 Ch. 9262, Ant Internal

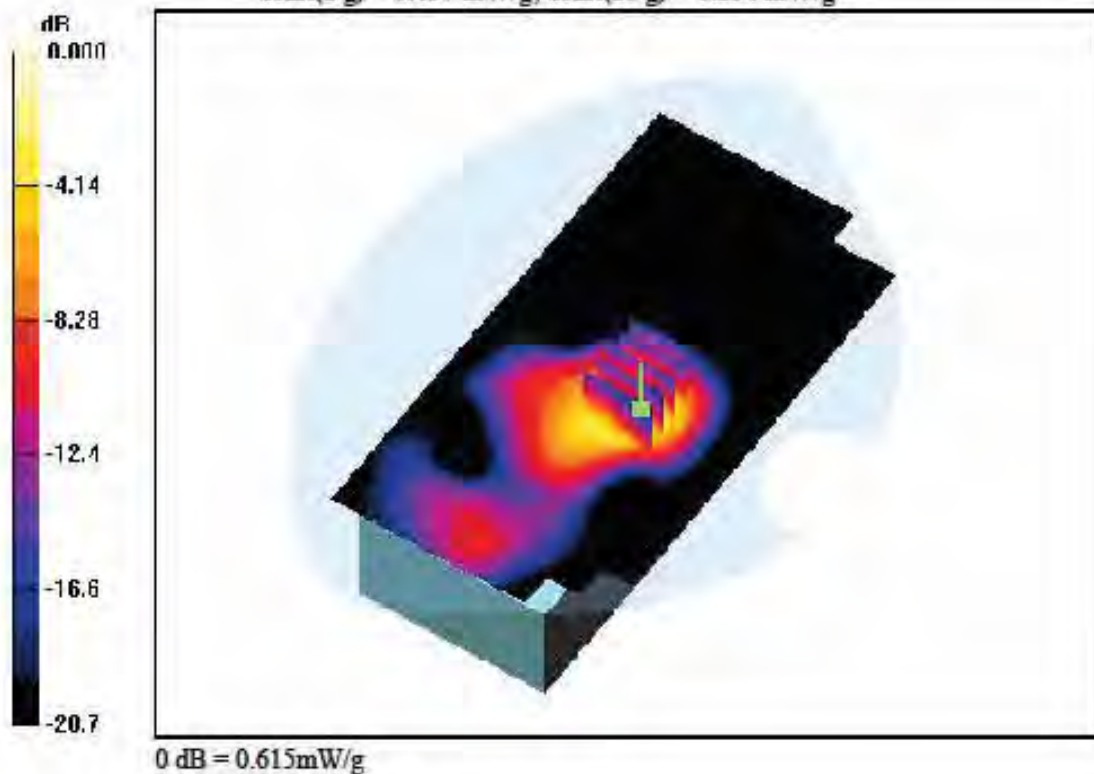
Area Scan (81x151x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.234 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
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

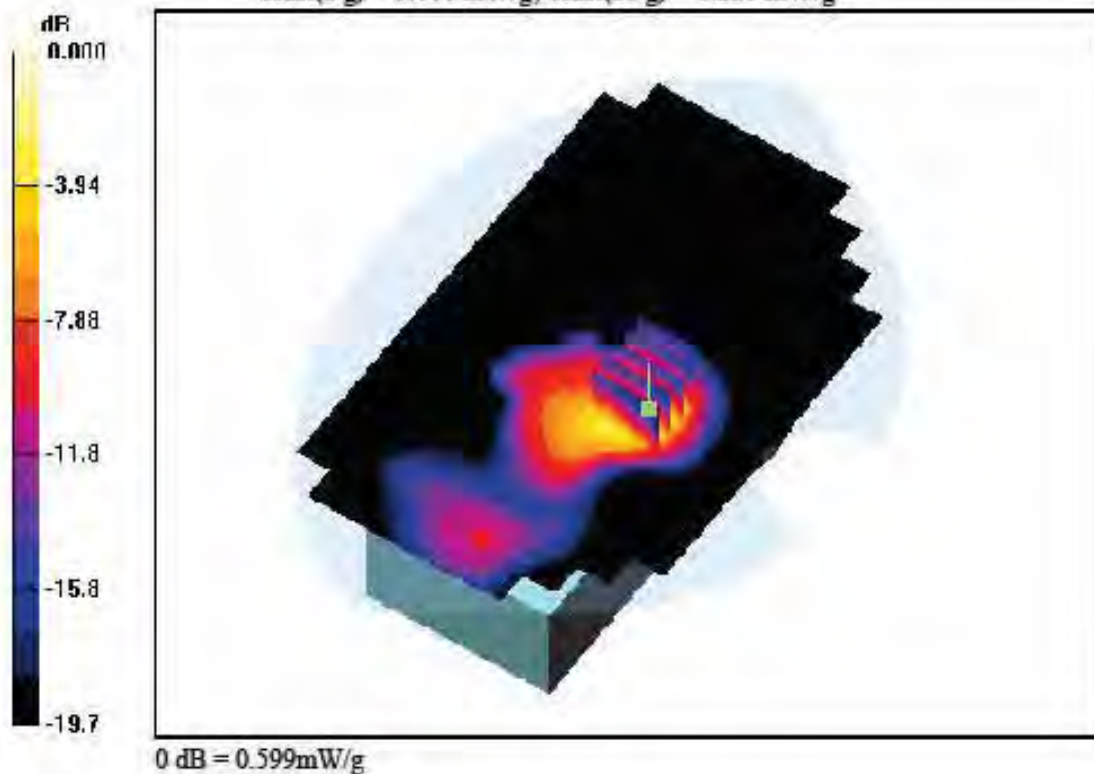
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, RFID, WCDMA1900 Ch. 9262, Ant Internal**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.226 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
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

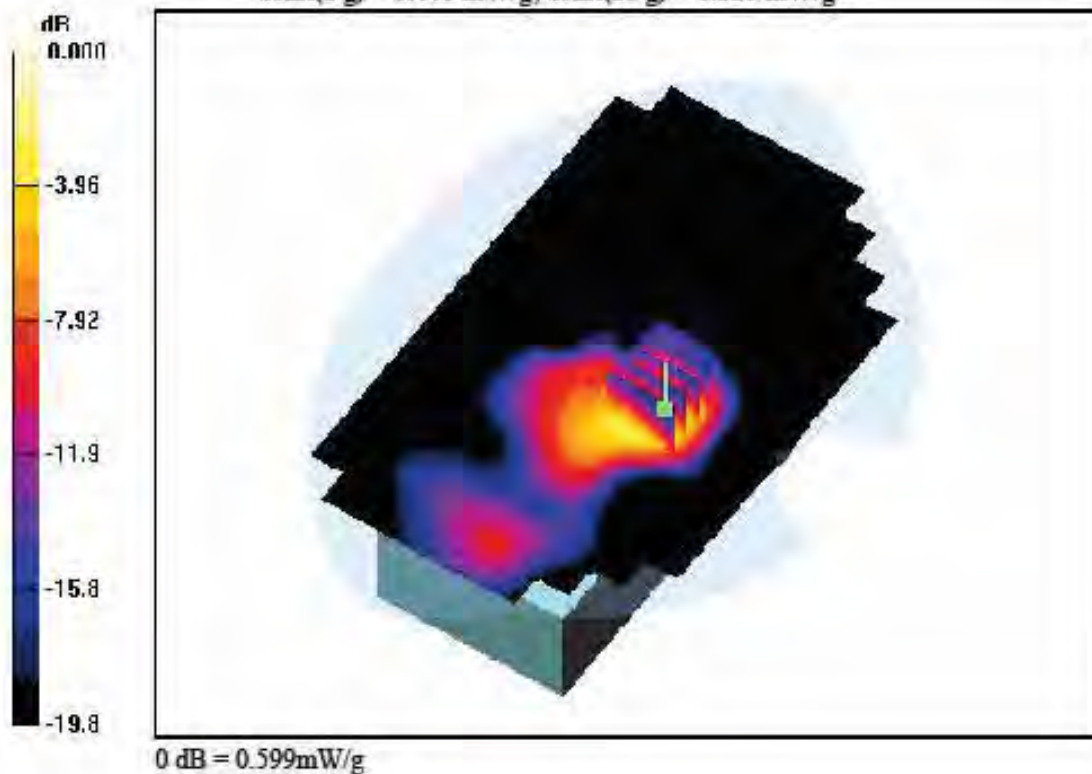
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, RFID Sim2, WCDMA1900 Ch. 9262, Ant Internal**Area Scan (101x161x1):** 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) = 0.853 W/kg

SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.228 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
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

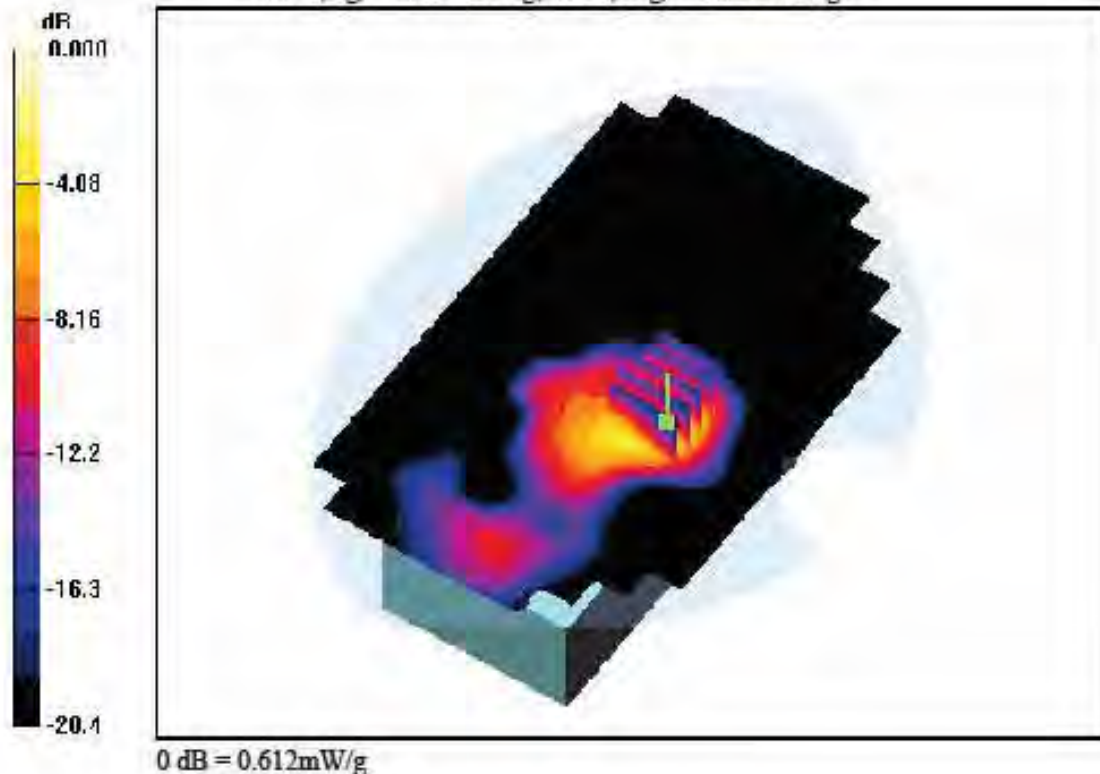
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, Card Reader, WCDMA1900 Ch. 9262, Ant Internal**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.859 W/kg

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.231 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

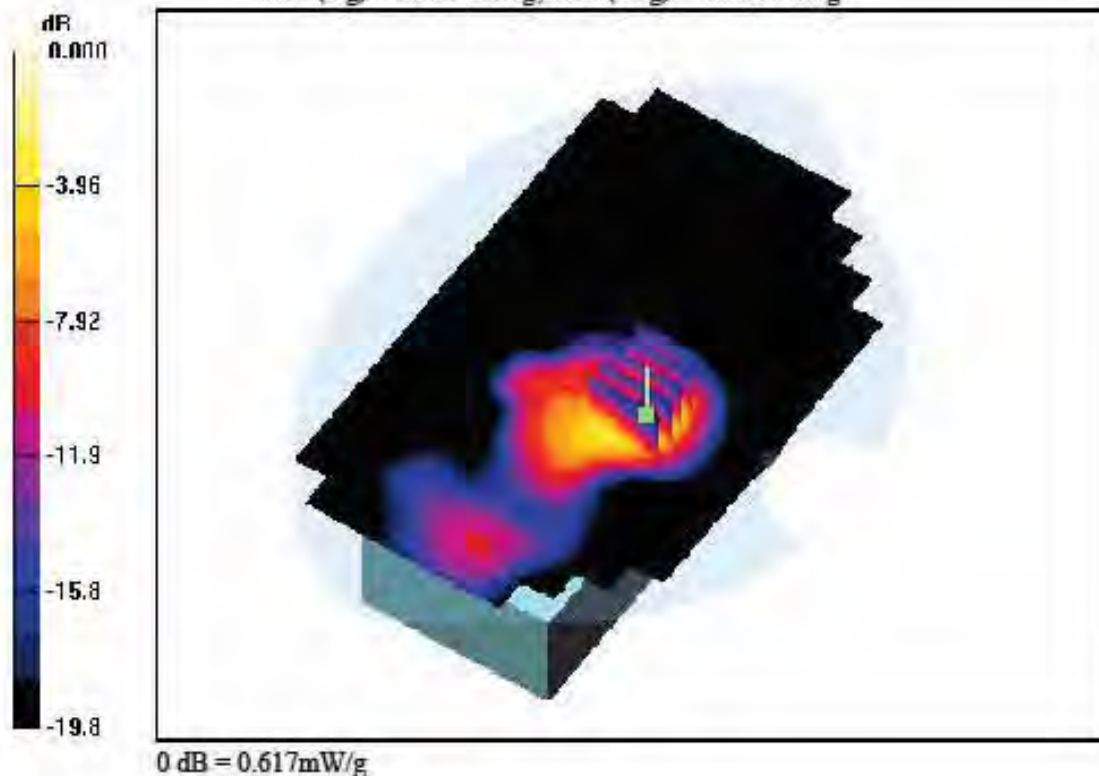
DASY4 Configuration:

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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, Card Reader Sim2, WCDMA1900 Ch. 9262, Ant Internal

Area Scan (101x161x1): 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) = 0.857 W/kg
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.232 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, Finger Printer, WCDMA1900 Ch. 9262, Ant Internal

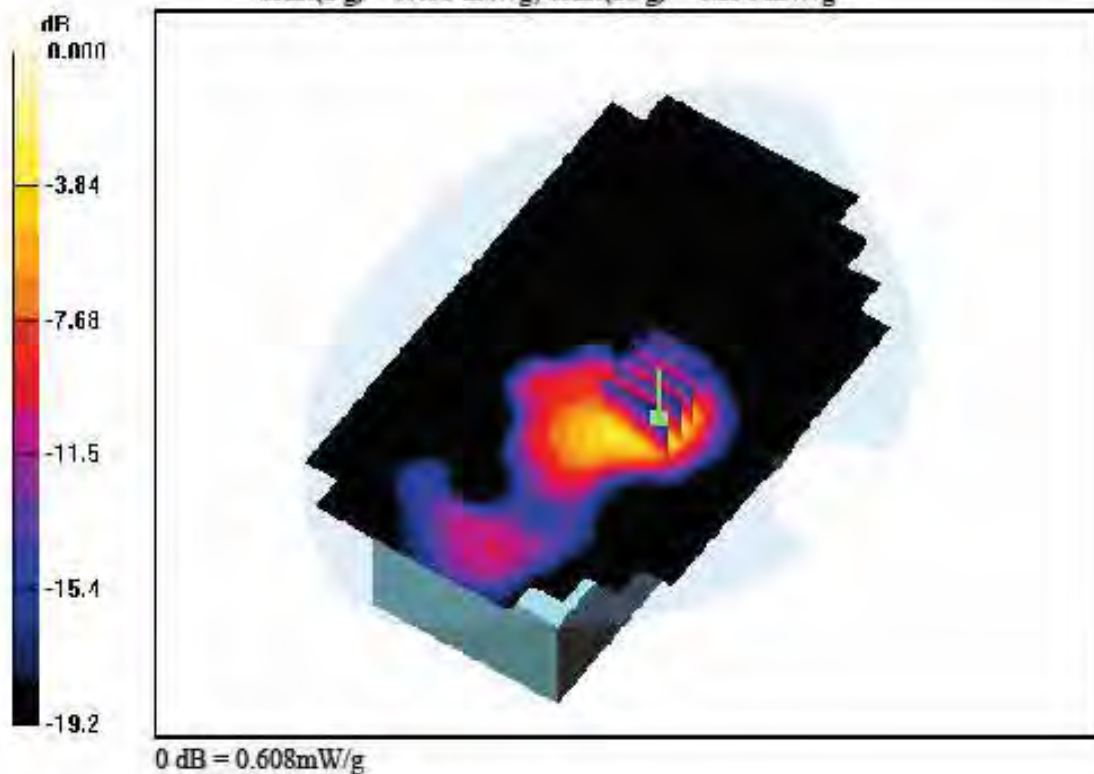
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.234 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, Finger Printer Sim2, WCDMA1900 Ch. 9262, Ant Internal

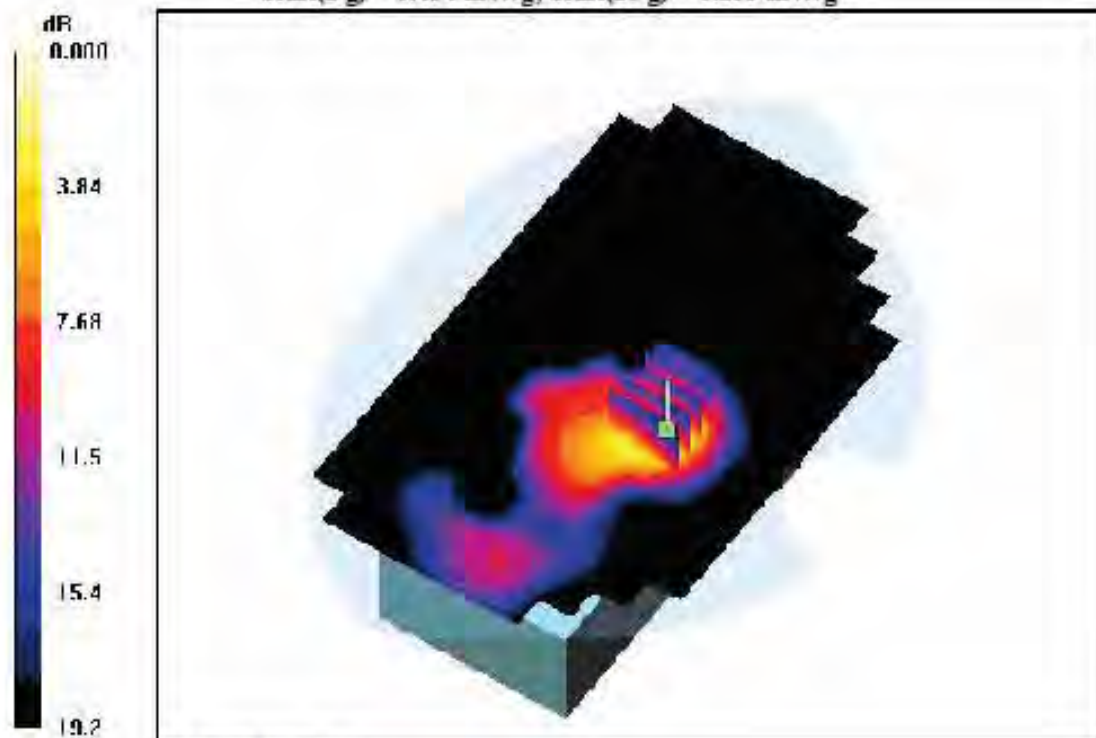
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.200 dB

Peak SAR (extrapolated) = 0.848 W/kg

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.233 mW/g



0 dB = 0.607mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

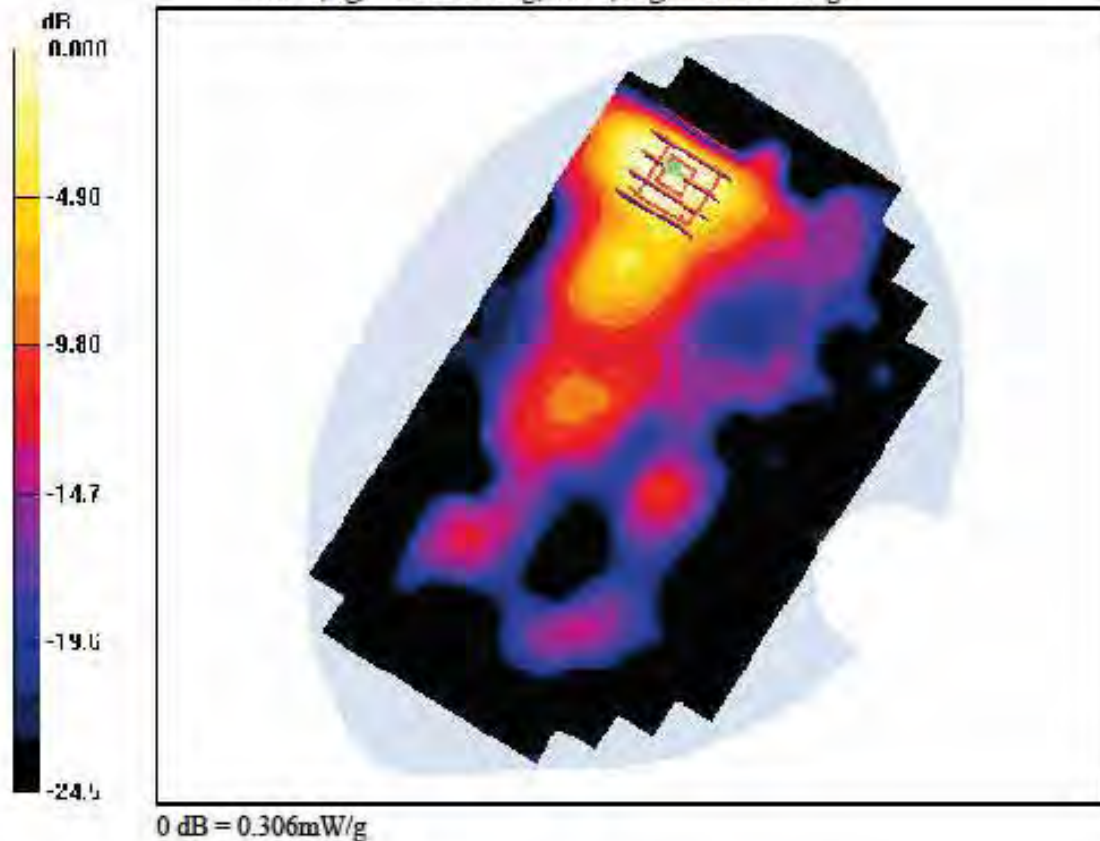
DASY4 Configuration:

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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, W-LAN(802.11b) Ch. 1, Ant Internal

Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Power Drift = 0.072 dB
 Peak SAR (extrapolated) = 0.468 W/kg
 SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.113 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

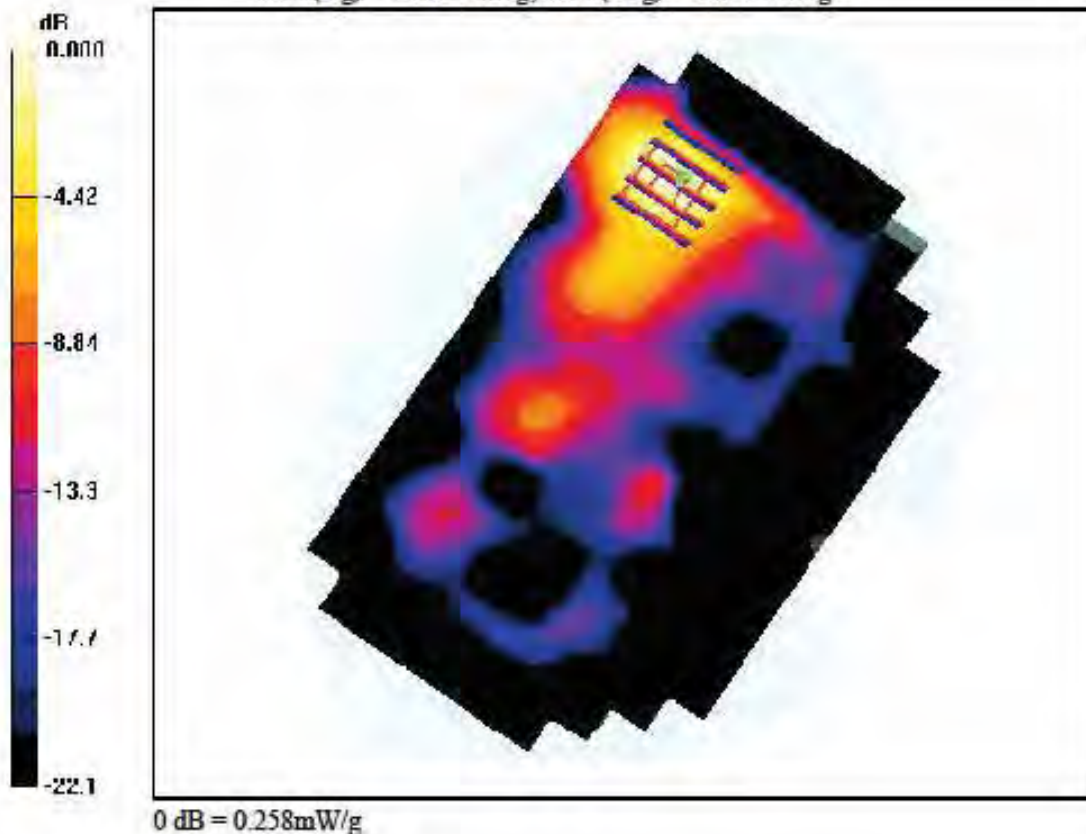
DASY4 Configuration:

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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, W-LAN(802.11b) Ch. 6, Ant Internal

Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Power Drift = -0.152 dB
 Peak SAR (extrapolated) = 0.411 W/kg
 SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.097 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

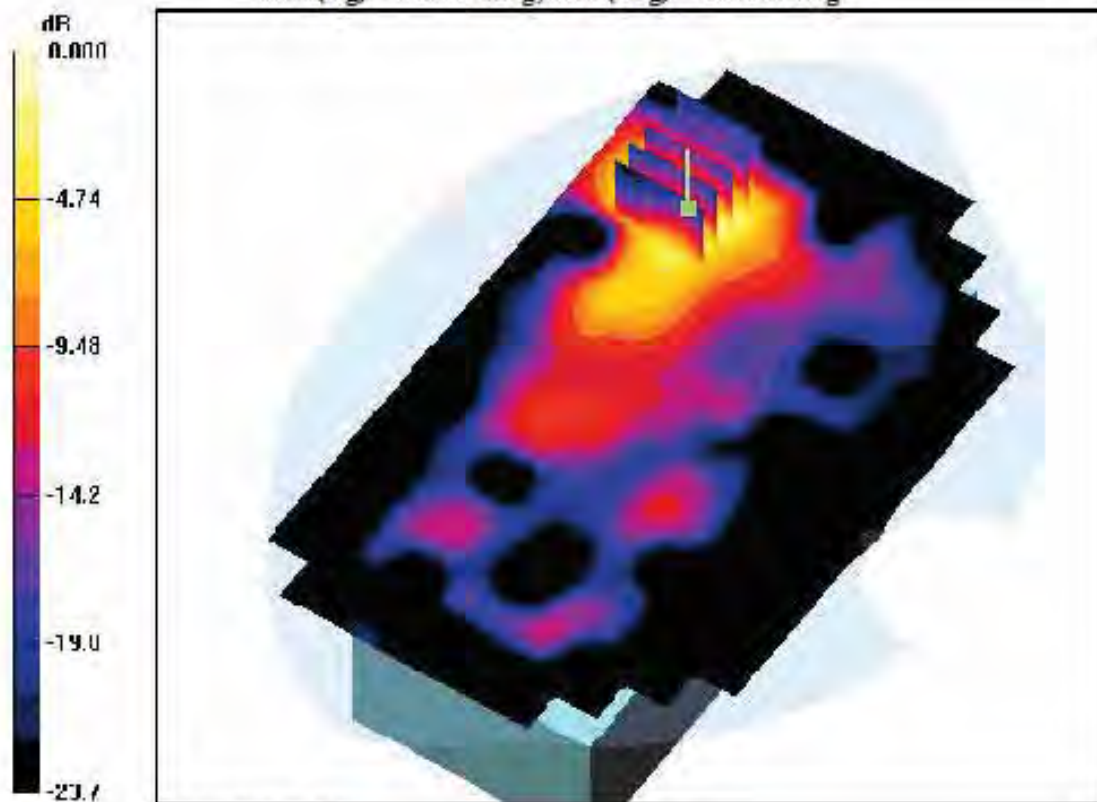
Probe: EX3DV4 - SN3643; ConvF(6.95, 6.95, 6.95); Calibrated: 2012-01-27; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Test Date: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (101x161x1): 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) = 0.546 W/kg
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.133 mW/g



0 dB = 0.376mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

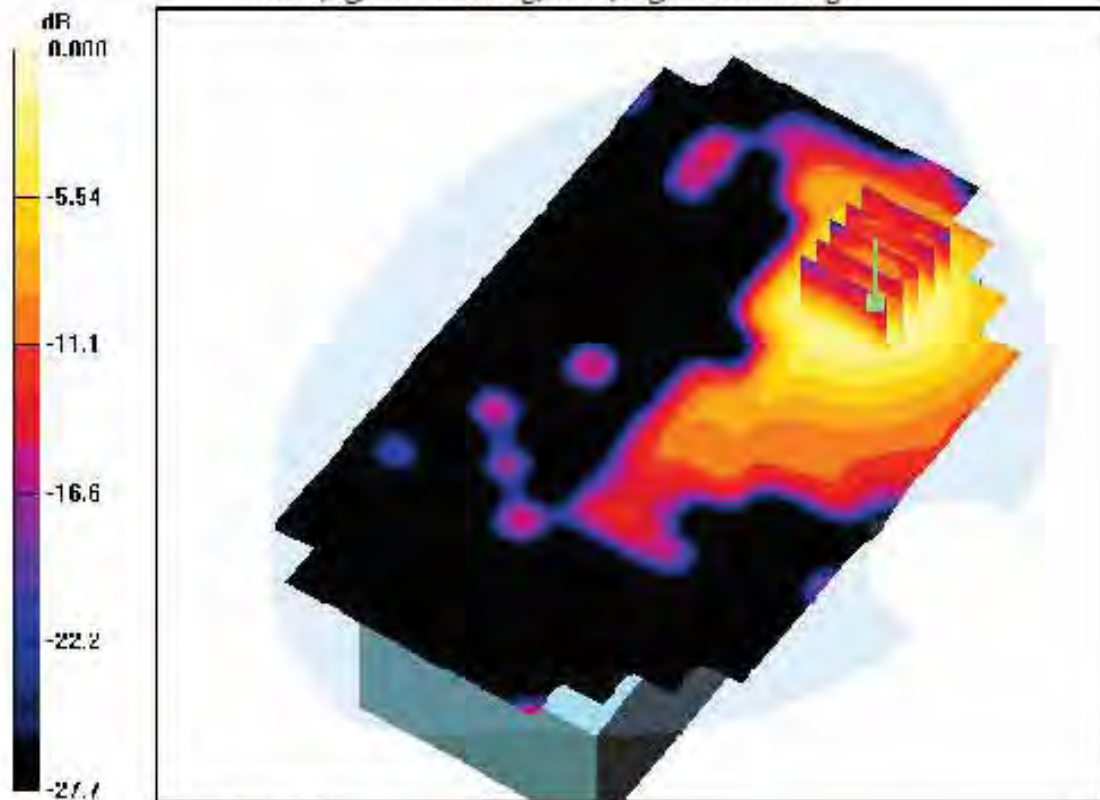
DASY4 Configuration:

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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Rear, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (101x161x1): 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 = -0.133 dB
 Peak SAR (extrapolated) = 0.096 W/kg
 SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.029 mW/g



0 dB = 0.070mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, RFID, W-LAN(802.11b) Ch. 11, Ant Internal

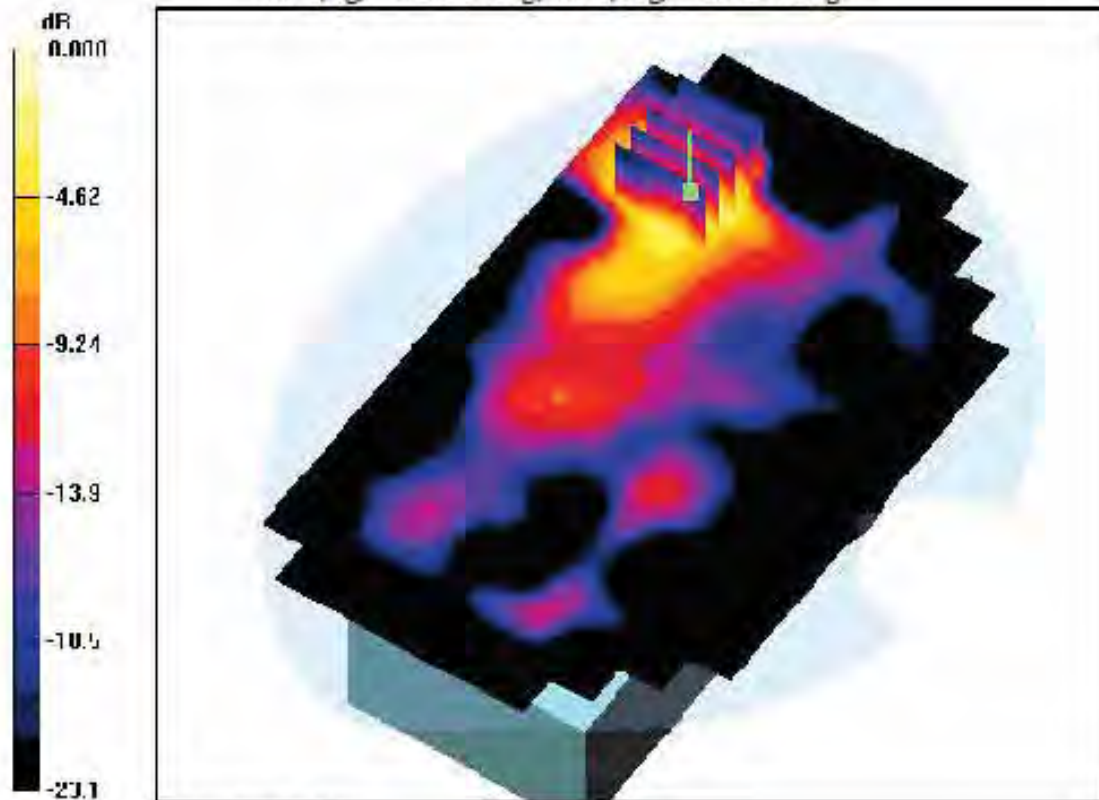
Area Scan (101x161x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.202 dB

Peak SAR (extrapolated) = 0.545 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.133 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

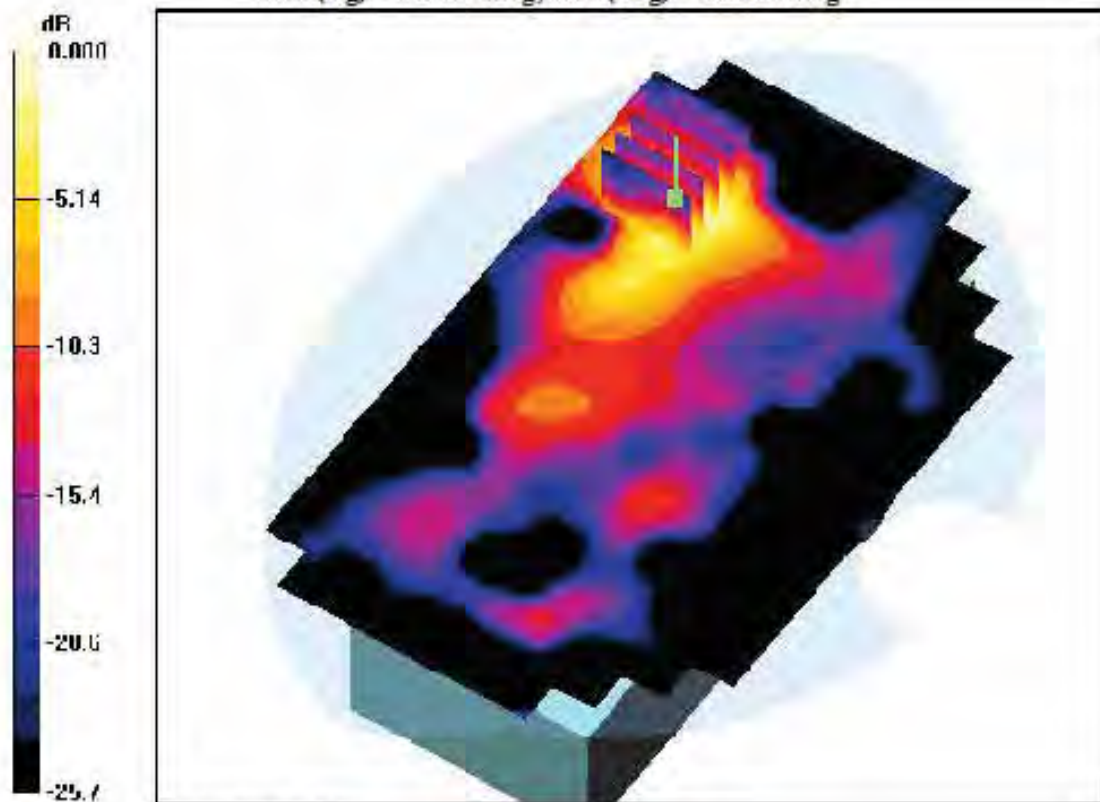
DASY4 Configuration:

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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, Card Reader, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (101x161x1): 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 = 0.036 dB
 Peak SAR (extrapolated) = 0.534 W/kg
 SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.131 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

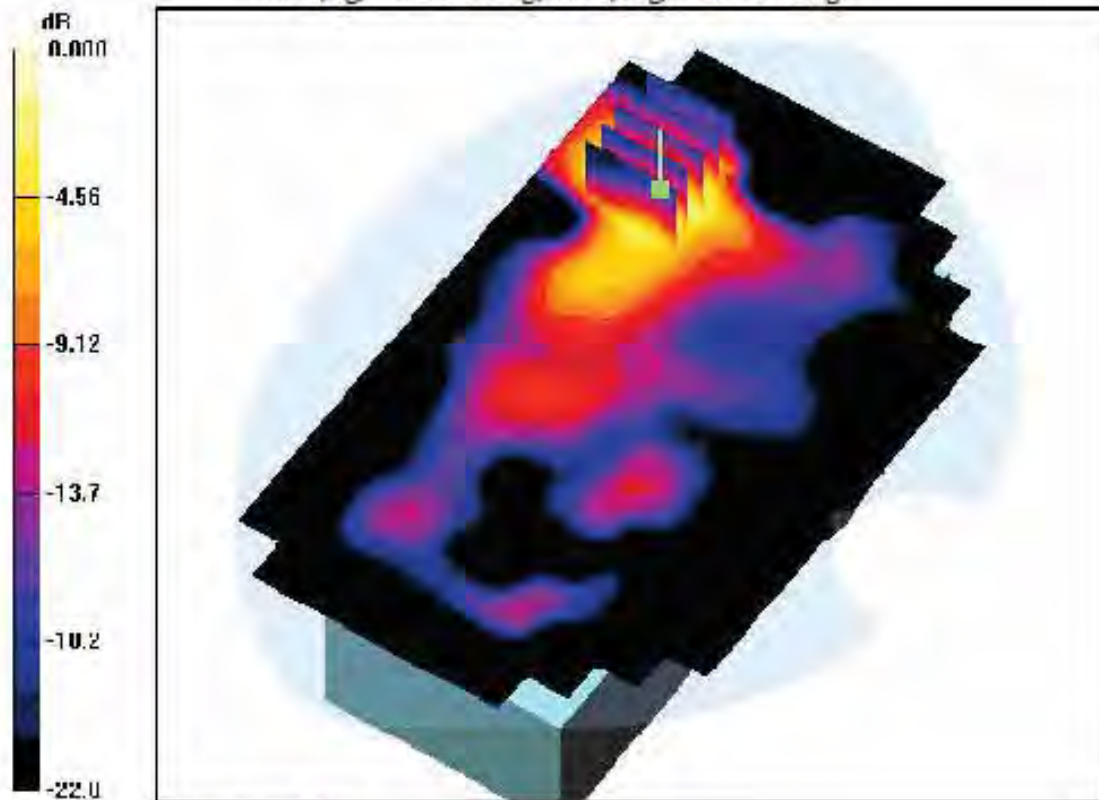
DASY4 Configuration:

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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, Finger Printer, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (101x161x1): 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 = 0.138 dB
 Peak SAR (extrapolated) = 0.539 W/kg
 SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.132 mW/g



0 dB = 0.368mW/g

DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

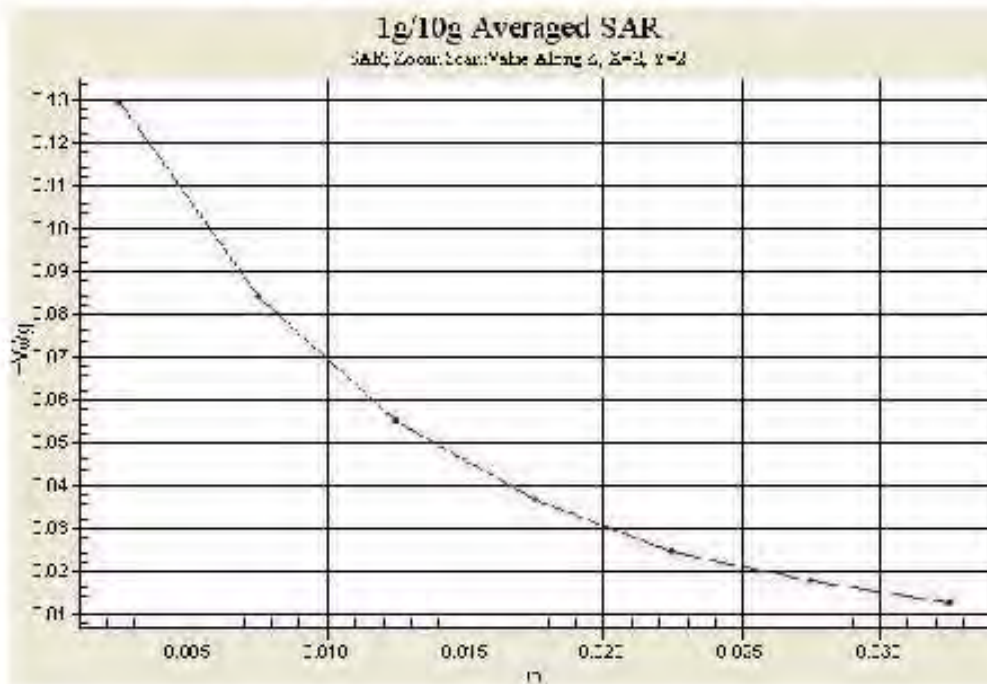
DASY4 Configuration:

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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

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

Area Scan (101x161x1): 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 = 0.085 dB
 Peak SAR (extrapolated) = 0.168 W/kg
 SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.065 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
 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: 2012-04-03; Ambient Temp: 22.0; Tissue Temp: 22.4

Touch from Body, Front, GSM850 GPRS Class 10 Ch. 251, Ant Internal

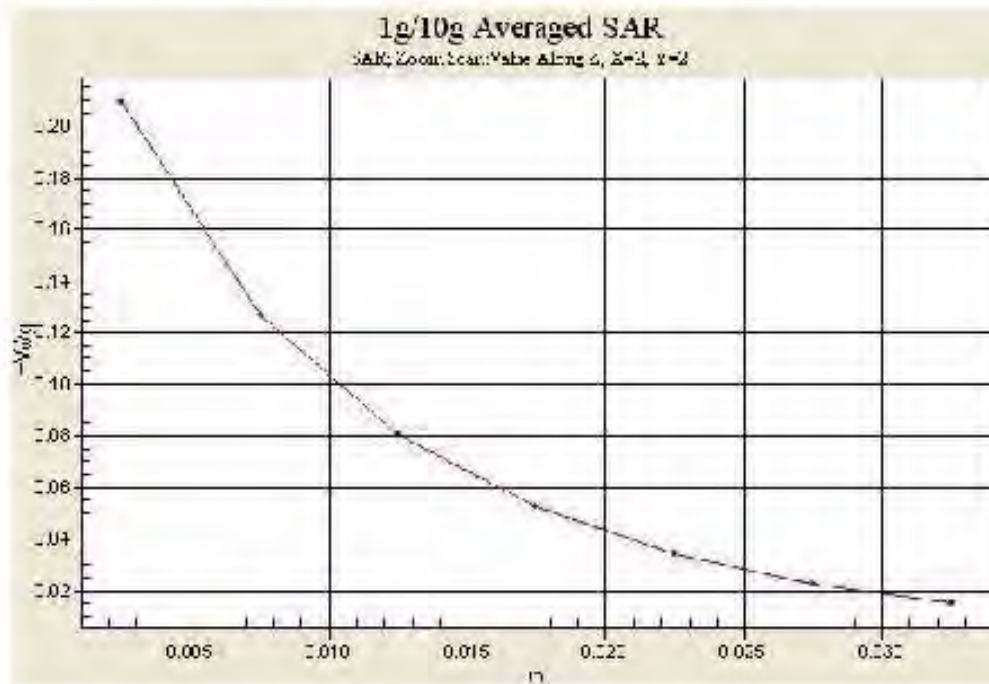
Area Scan (81x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.095 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.915 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Left Touch, WCDMA850 Ch. 4233, Ant Internal, Standard Battery

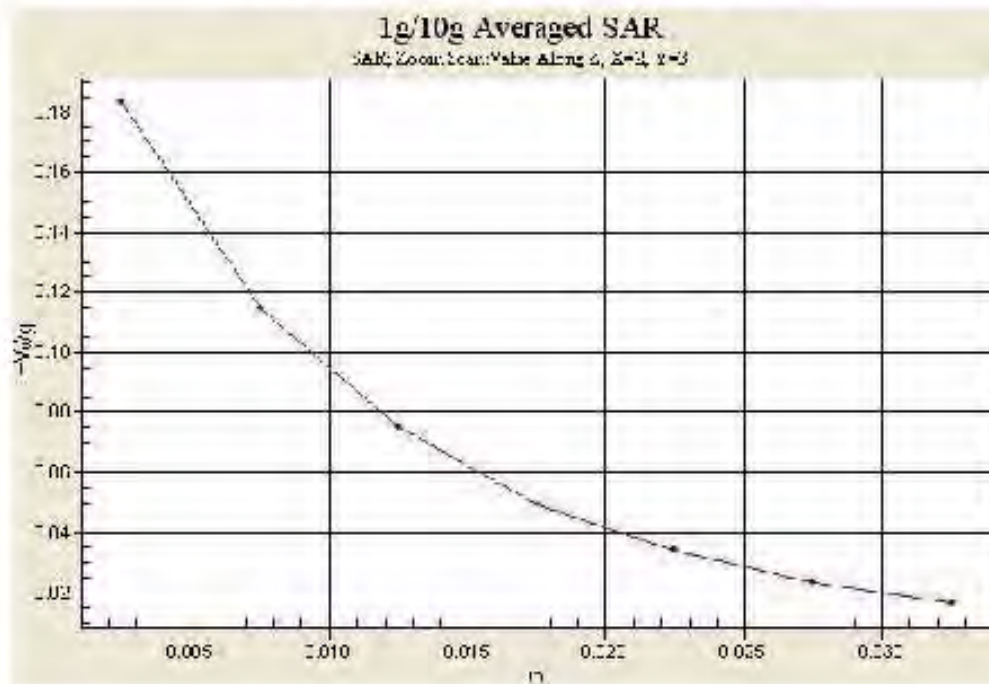
Area Scan (10x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.092 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 850 ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 846.6 \text{ MHz}$; $\sigma = 0.983 \text{ mho/m}$; $\epsilon_r = 55.6$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

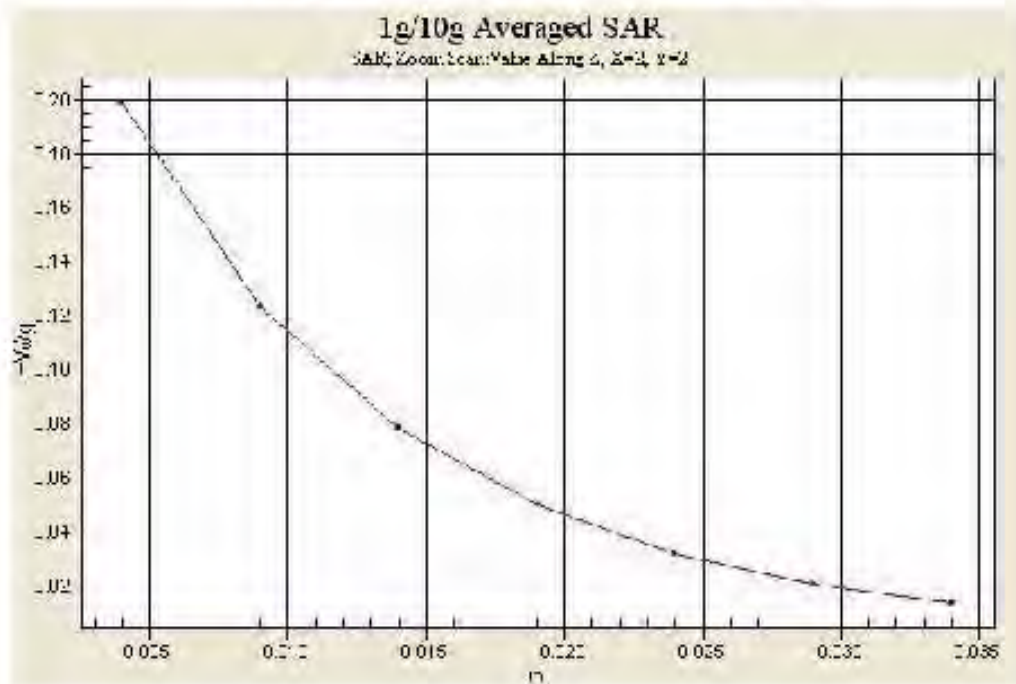
DASY4 Configuration:

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: 2012-04-01; Ambient Temp: 21.8; Tissue Temp: 22.0

Touch from Body, Front, WCDMA850 Ch. 4233, Ant Internal

Area Scan (81x161x1): 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 = 0.096 dB
 Peak SAR (extrapolated) = 0.301 W/kg
 SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.109 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.42 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

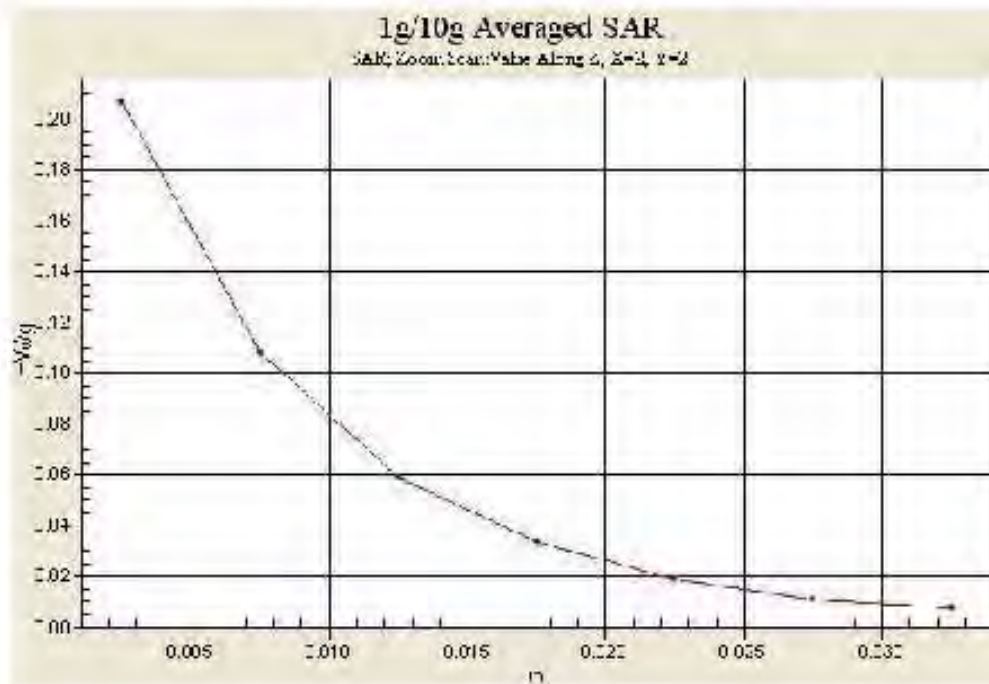
DASY4 Configuration:

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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Left Touch, PCS1900 Ch. 810, Ant Internal, Standard Battery

Area Scan (91x161x1): 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 = 0.082 dB
 Peak SAR (extrapolated) = 0.294 W/kg
 SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.077 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$
 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: 2012-04-02; Ambient Temp: 22.1; Tissue Temp: 22.3

Touch from Body, Front, PCS1900 GPRS Class 10 Ch. 810, Ant Internal

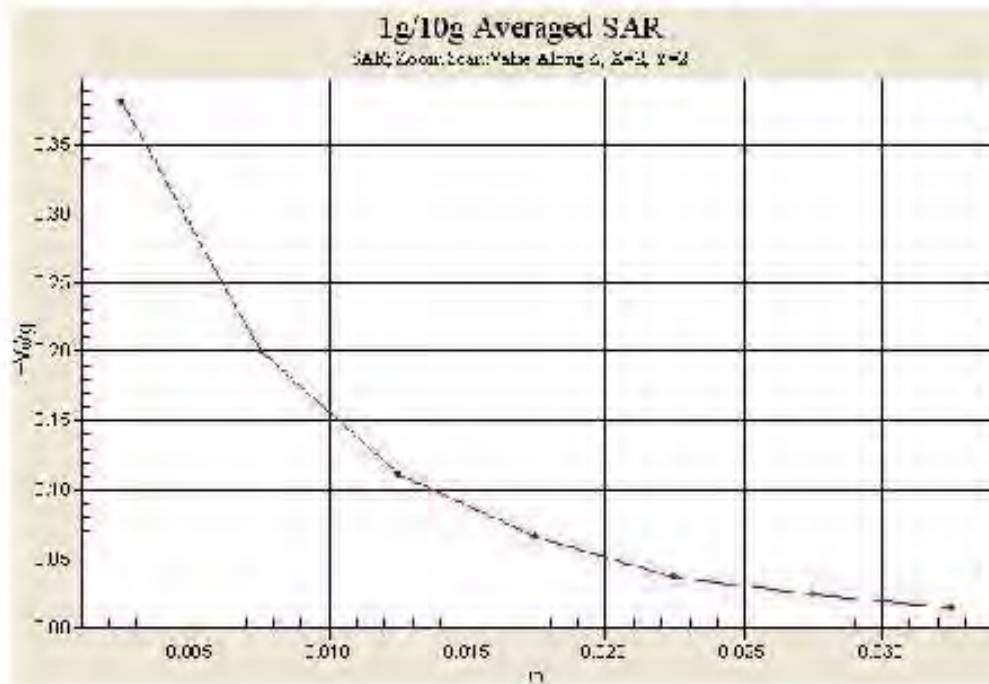
Area Scan (71x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.136 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³
 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

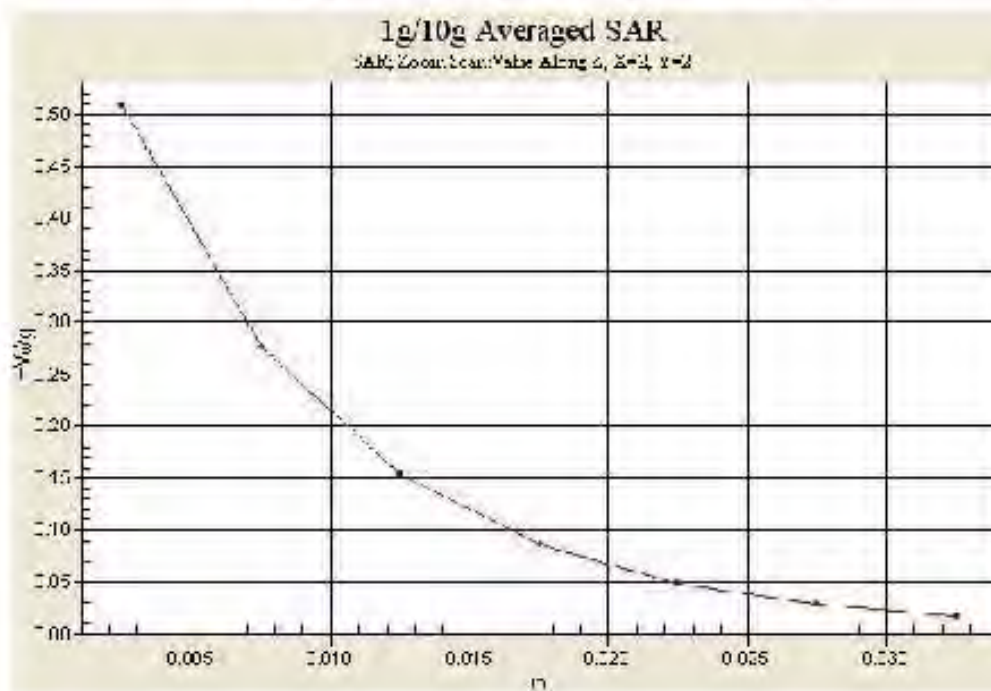
Test Date: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Left Touch, WCDMA1900 Ch. 9262, Ant Internal, Standard Battery**Area Scan (101x161x1):** Measurement grid: dx=15mm, dy=15mm**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.207 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: WCDMA 1900; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³
 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: 2012-04-04; Ambient Temp: 21.9; Tissue Temp: 22.4

Touch from Body, Front, WCDMA1900 Ch. 9262, Ant Internal

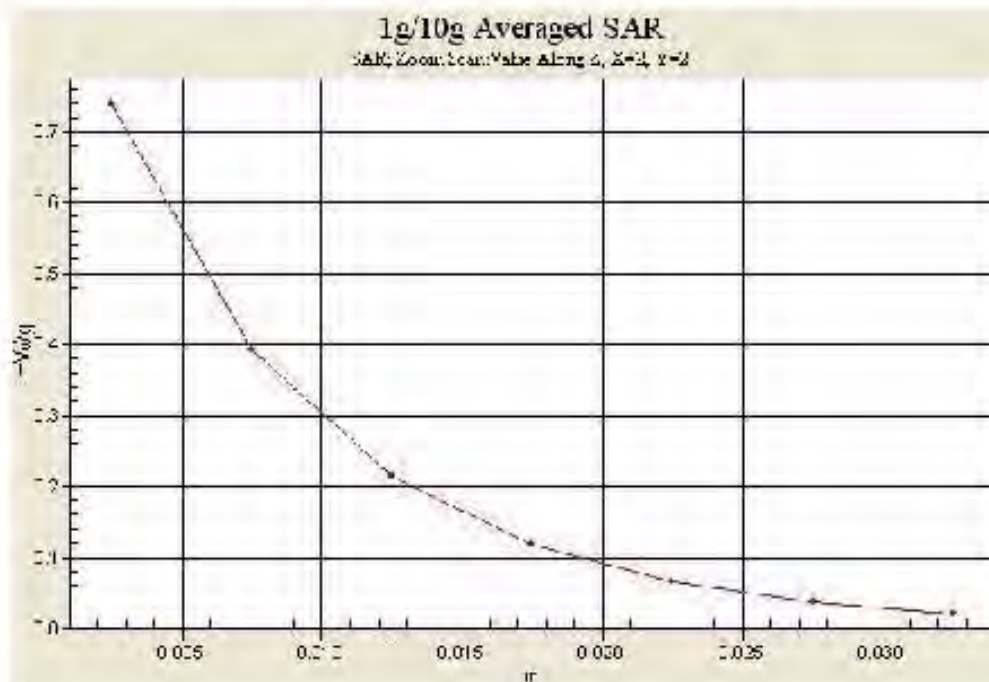
Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.284 mW/g



DIGITAL EMC CO., LTD**DUT: BIP-1500; Type: PDA**

Communication System: W-LAN; Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³
 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: 2012-04-05; Ambient Temp: 22.2; Tissue Temp: 22.5

Touch from Body, Front, W-LAN(802.11b) Ch. 11, Ant Internal

Area Scan (101x161x1): 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) = 0.546 W/kg
 SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.133 mW/g

