

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: $f = 835 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 41.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Dipole Validation

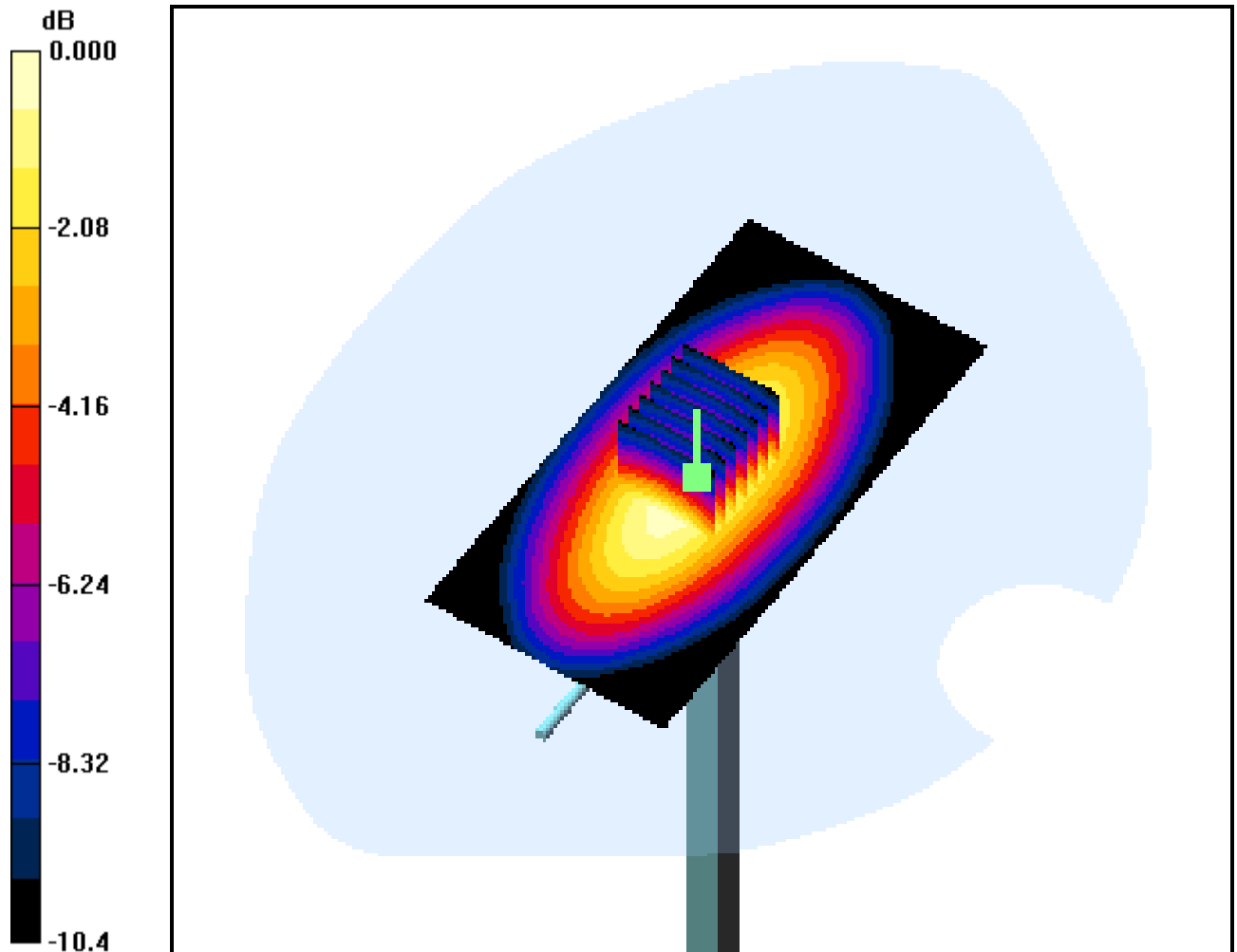
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.6 mW/g



0 dB = 2.64mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Dipole Validation

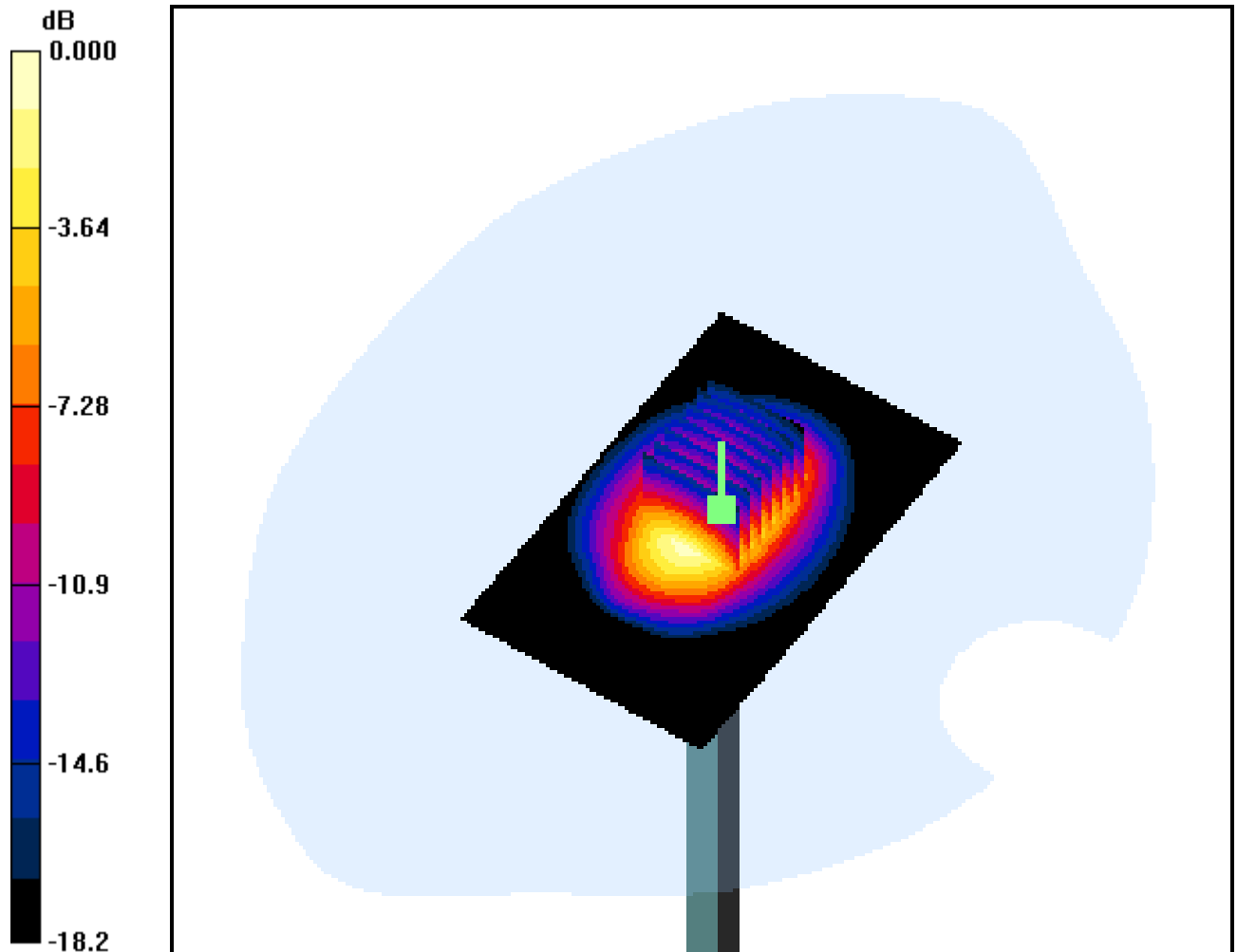
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.025 dB

Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.34 mW/g



0 dB = 11.5mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch GSM Ch.128, Ant Intenna, Standard Battery

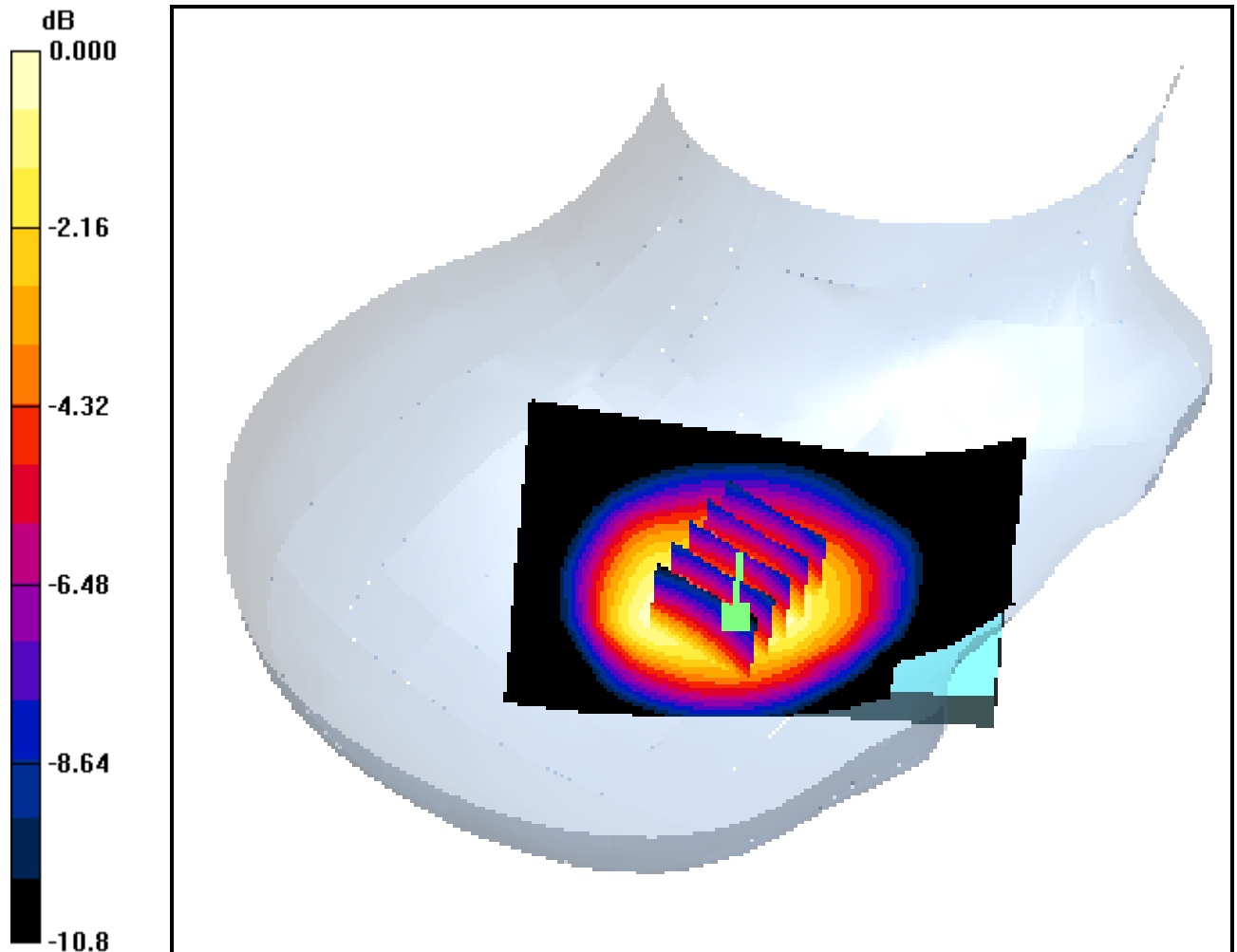
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.397 mW/g



0 dB = 0.590mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch GSM Ch.190, Ant Intenna, Standard Battery

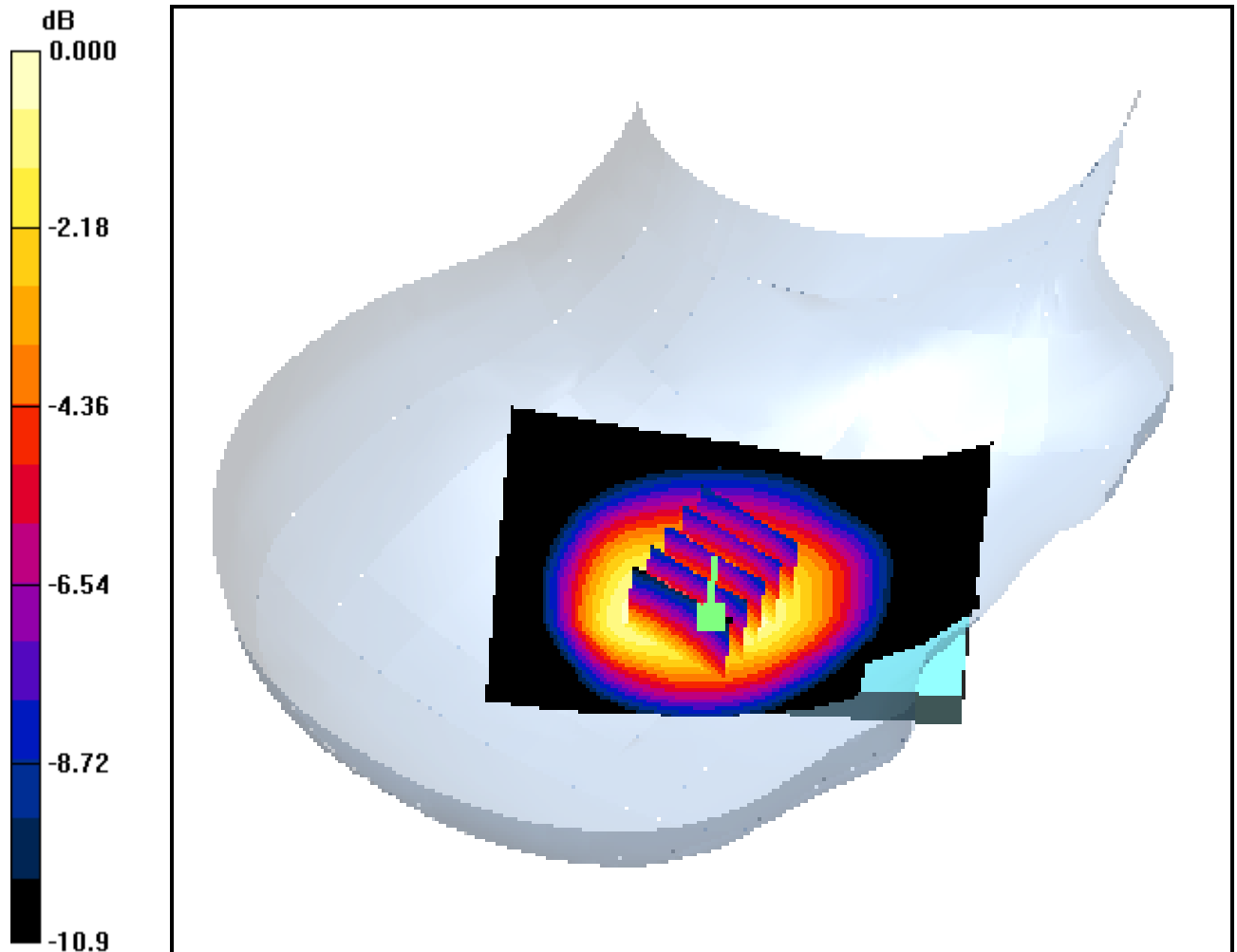
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.375 mW/g



0 dB = 0.558mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch GSM Ch.251, Ant Intenna, Standard Battery

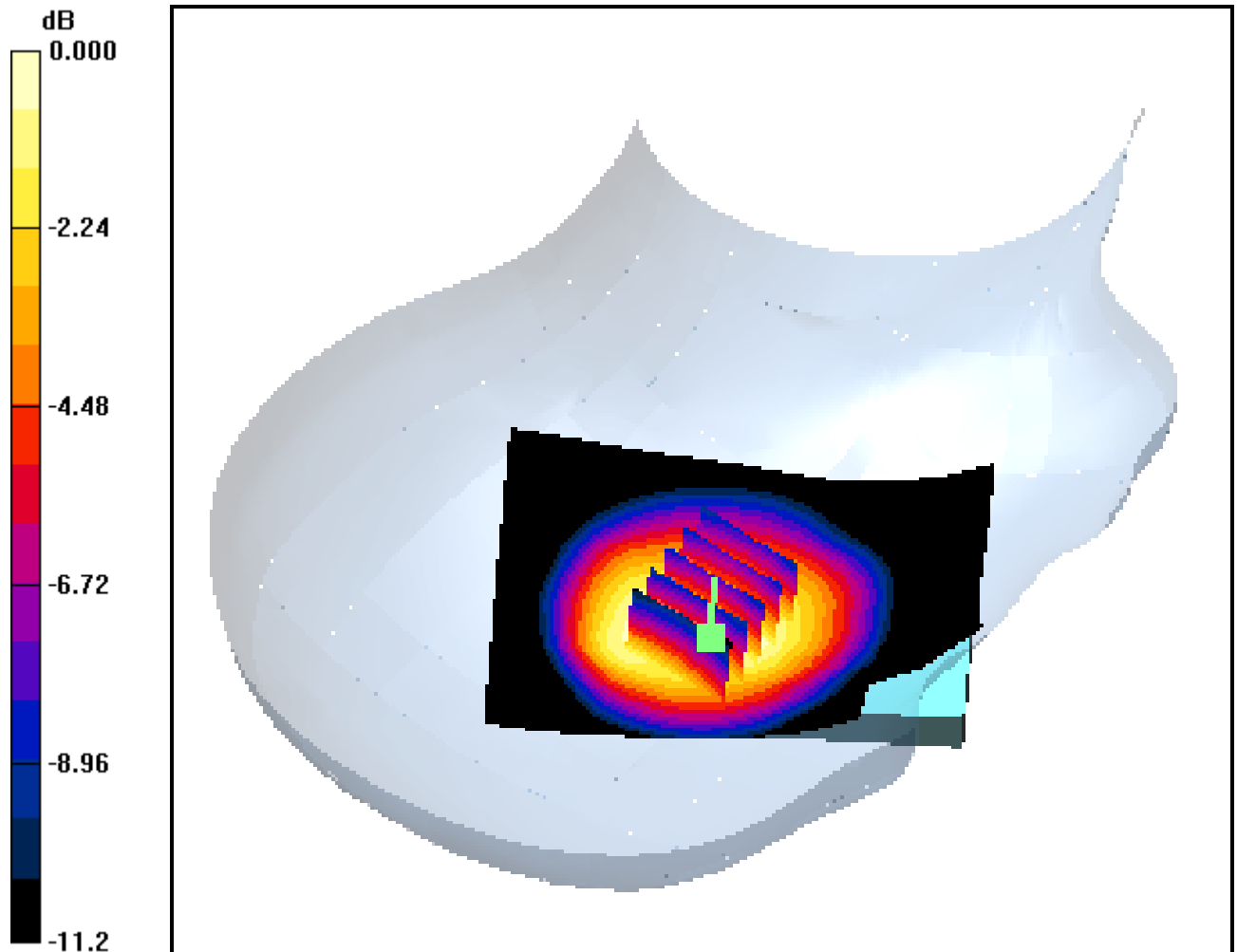
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.385 mW/g



0 dB = 0.574mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Tilt GSM Ch.190, Ant Intenna, Standard Battery

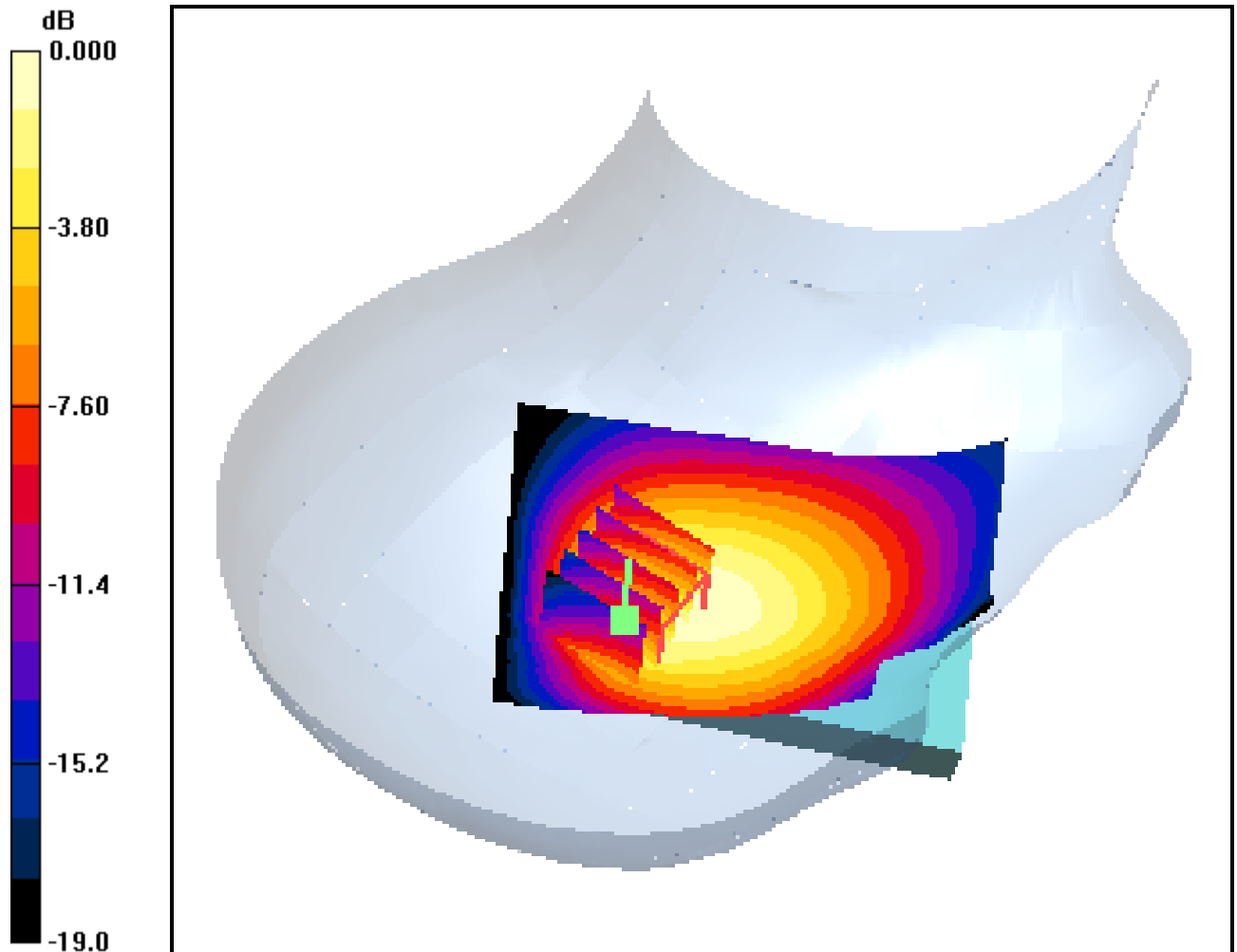
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.197 mW/g



0 dB = 0.330mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch GSM Ch.128, Ant Intenna, Standard Battery

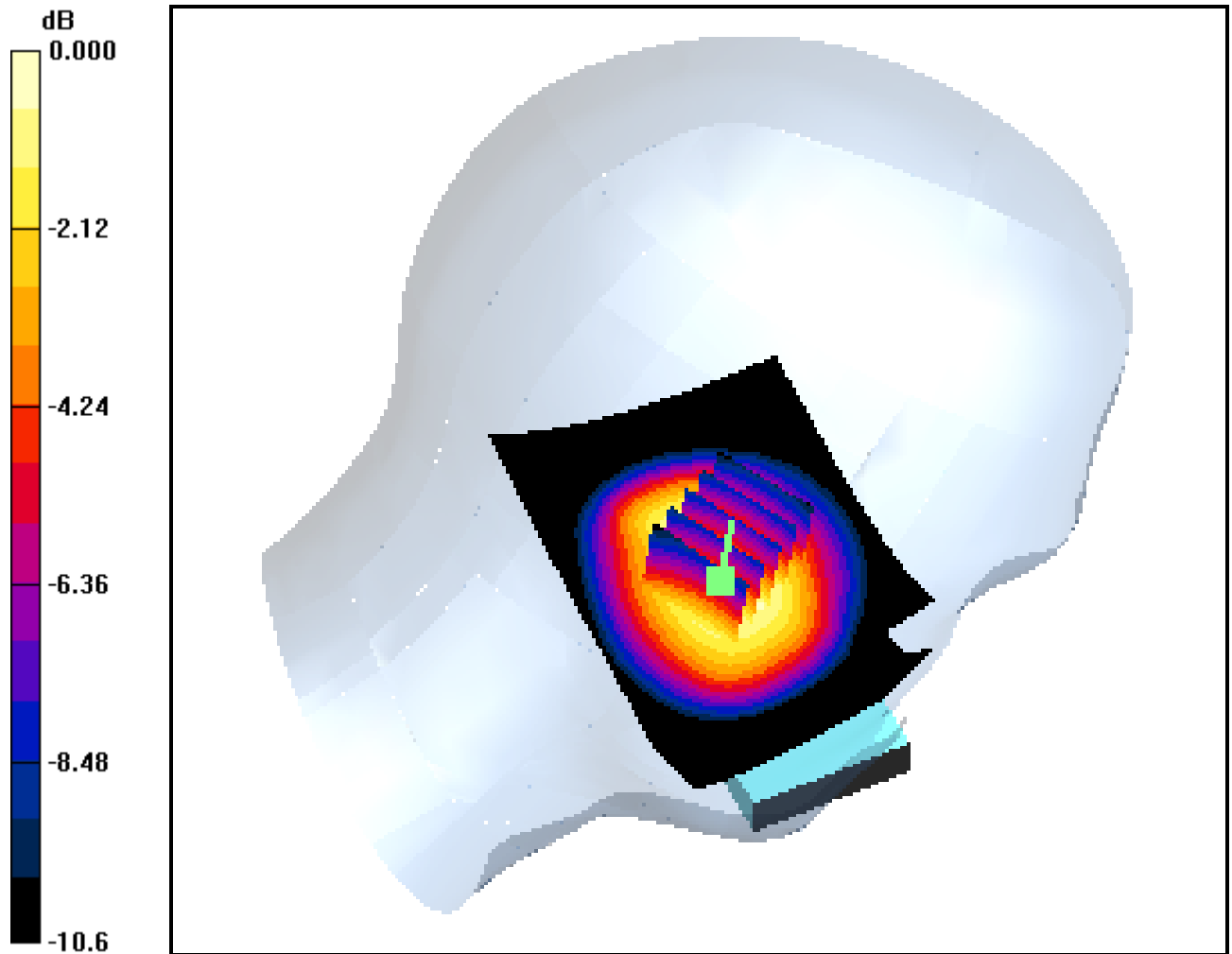
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.275 dB

Peak SAR (extrapolated) = 0.729 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.391 mW/g



0 dB = 0.596mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch GSM Ch.190, Ant Intenna, Standard Battery

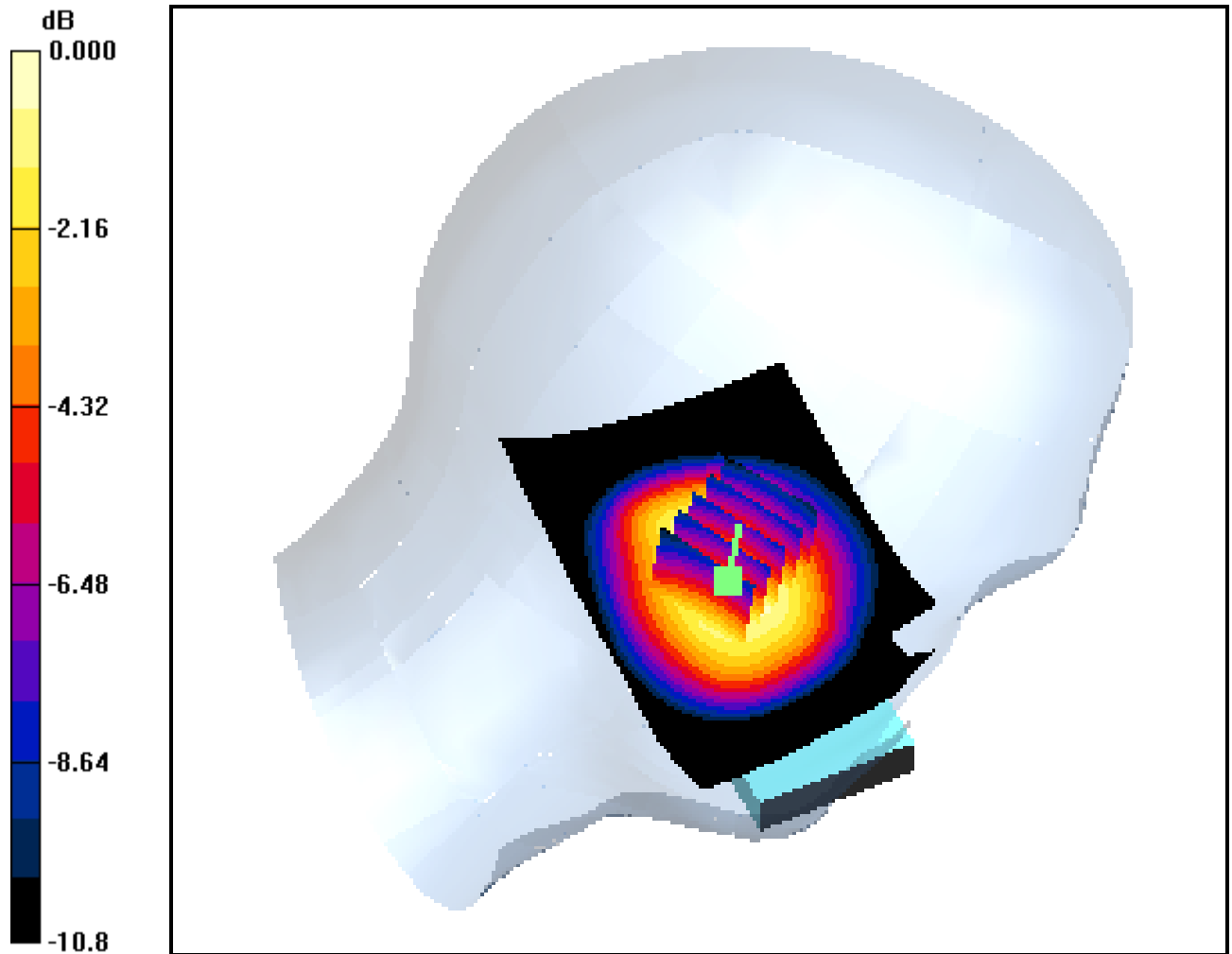
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.673 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.362 mW/g



0 dB = 0.546mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch GSM Ch.251, Ant Intenna, Standard Battery

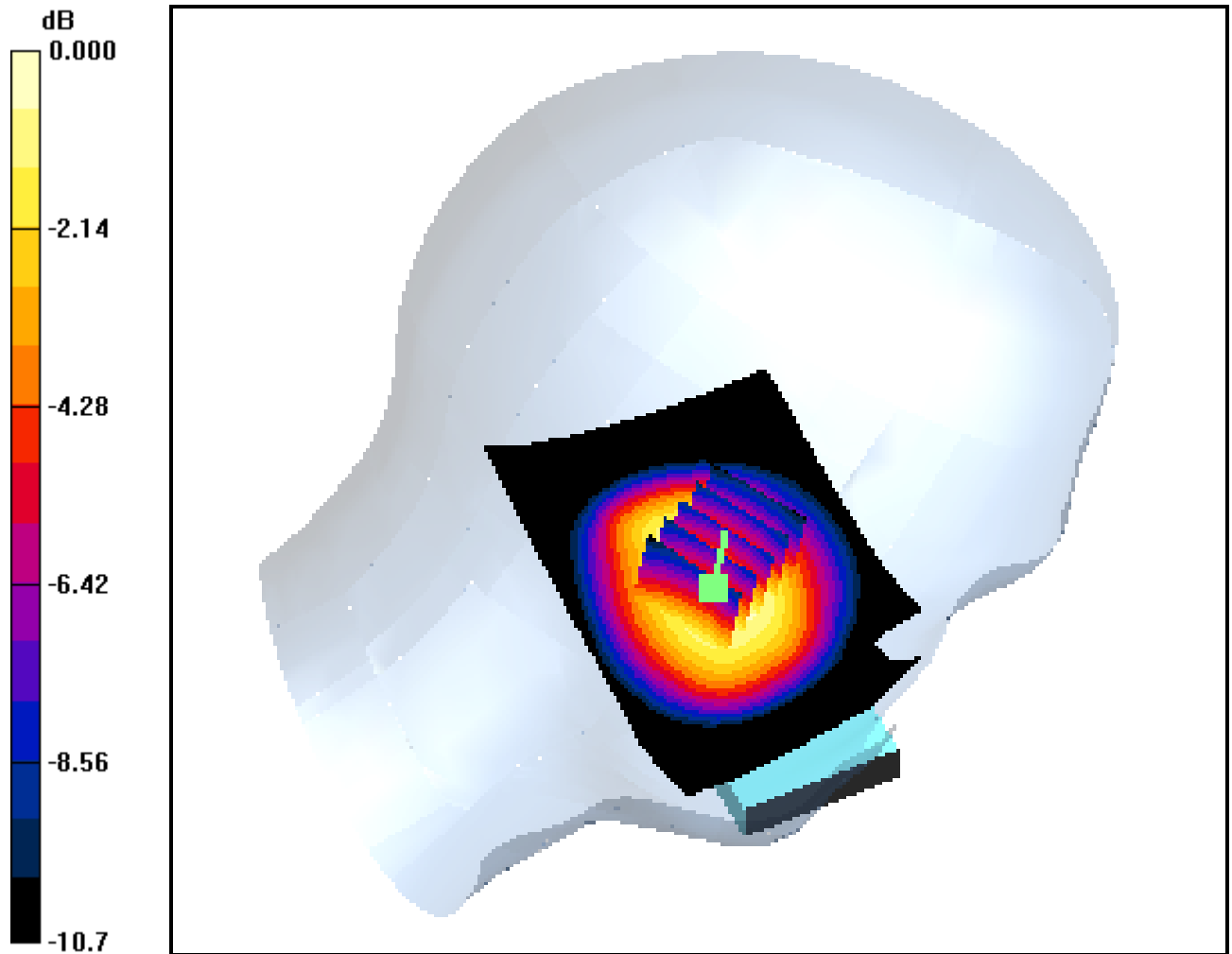
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.727 W/kg

SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.382 mW/g



0 dB = 0.582mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.887 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Tilt GSM Ch.190, Ant Intenna, Standard Battery

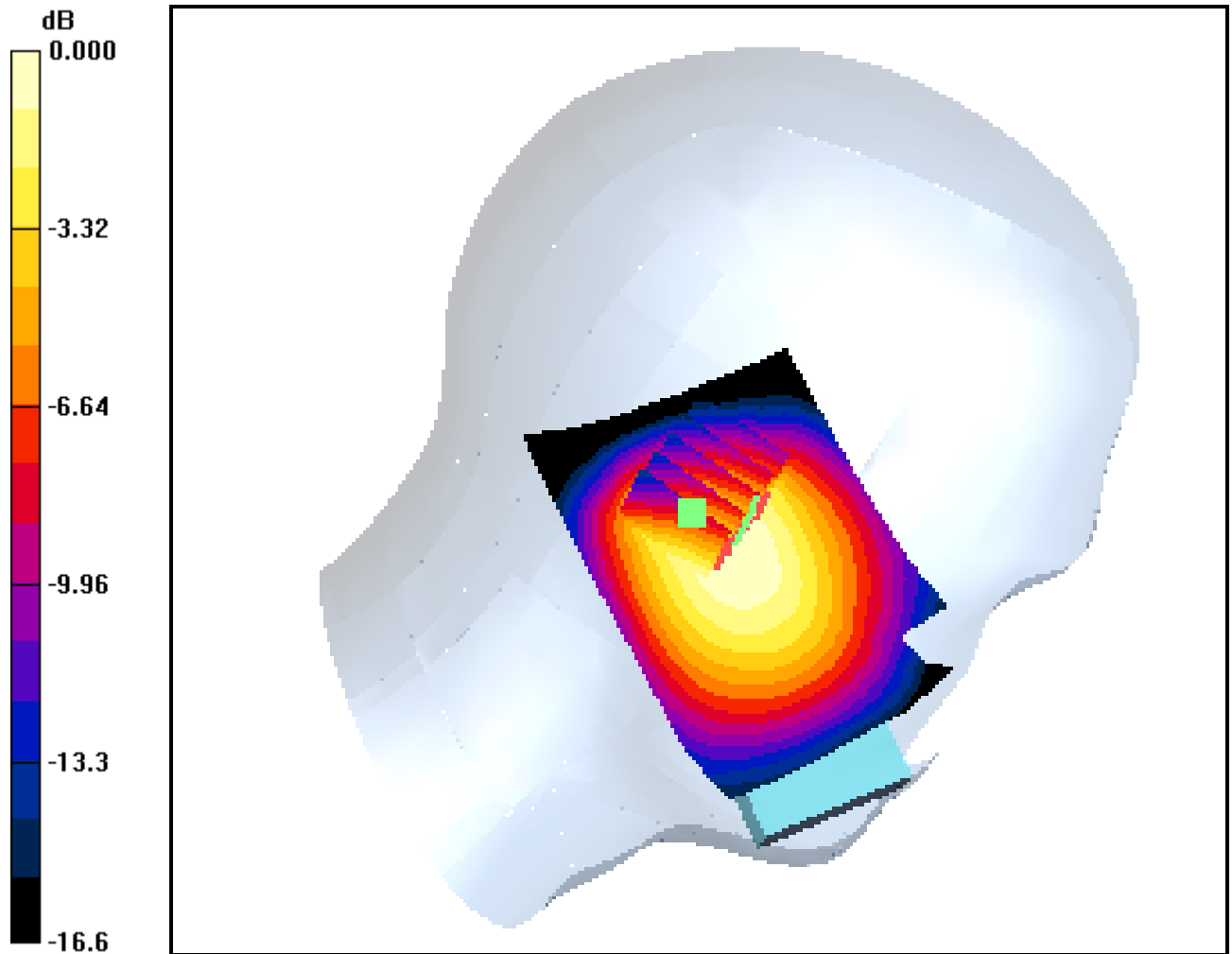
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.449 W/kg

SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.194 mW/g



0 dB = 0.308mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch GSM Ch.128, Ant Intenna, Standard Battery With BT ON

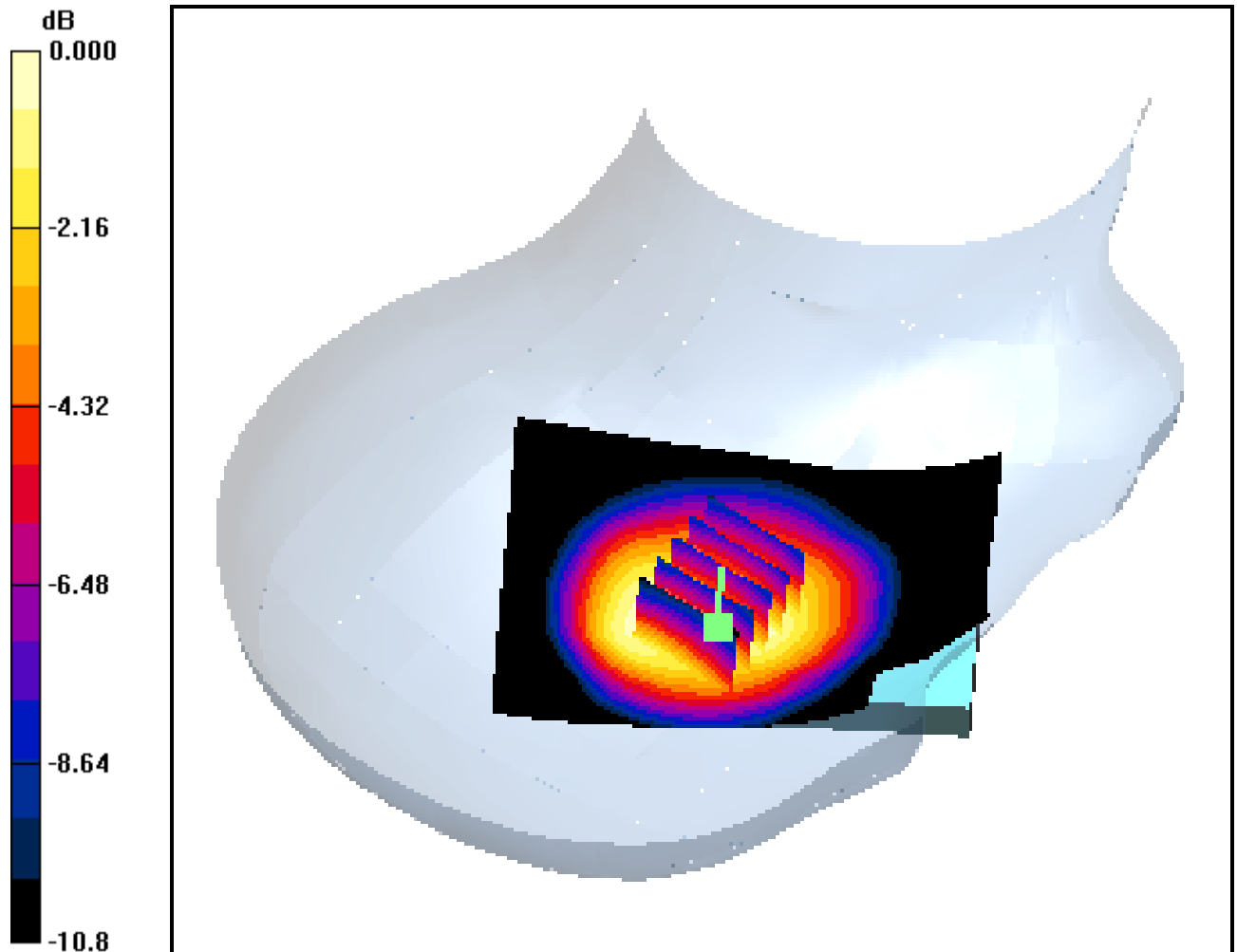
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.394 mW/g



0 dB = 0.583mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.948 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.29, 6.29, 6.29); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, GSM Ch.128, Ant Intenna, Standard Battery GPRS Mode

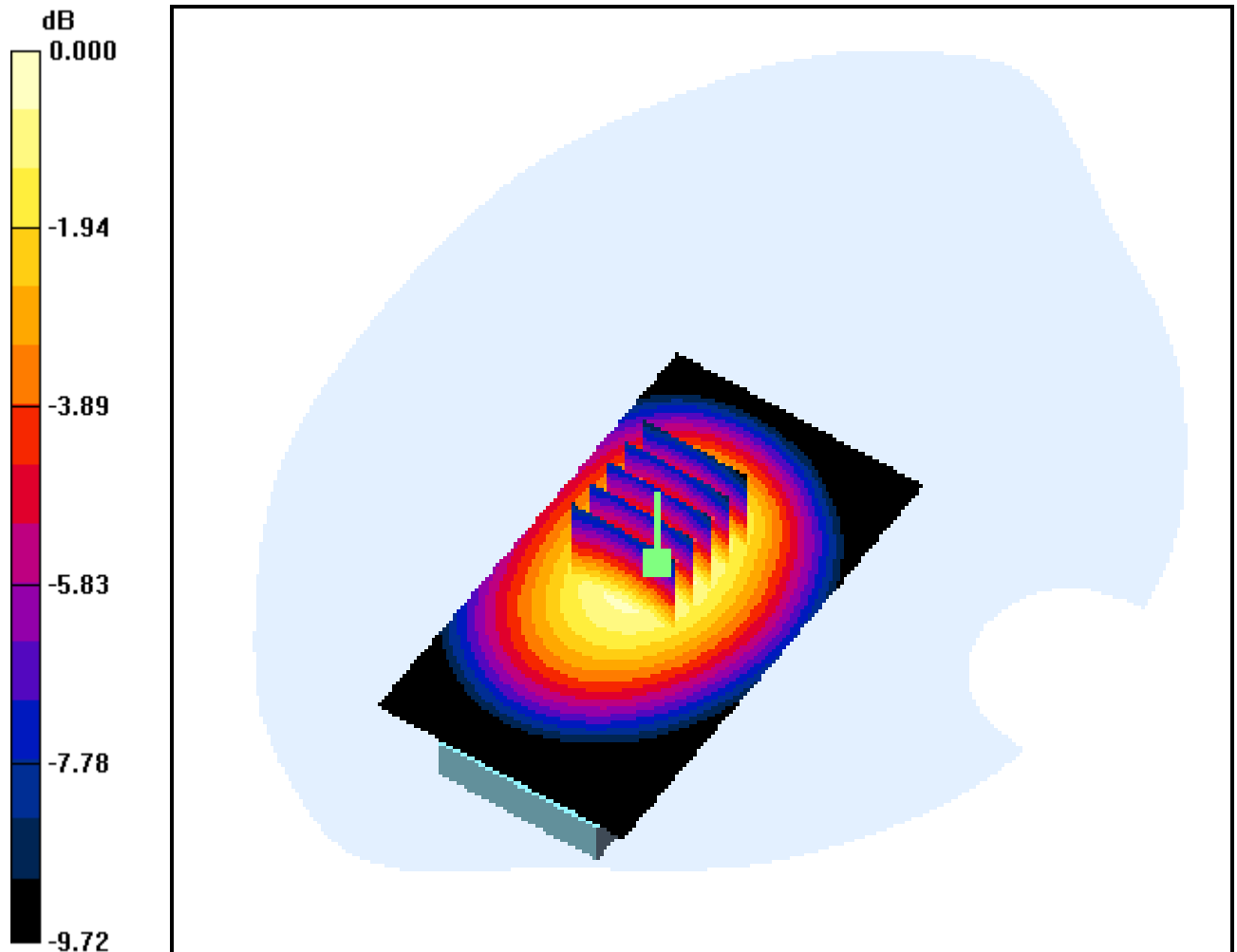
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.370 mW/g



0 dB = 0.549mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.959 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.29, 6.29, 6.29); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, GSM Ch.190, Ant Intenna, Standard Battery GPRS Mode

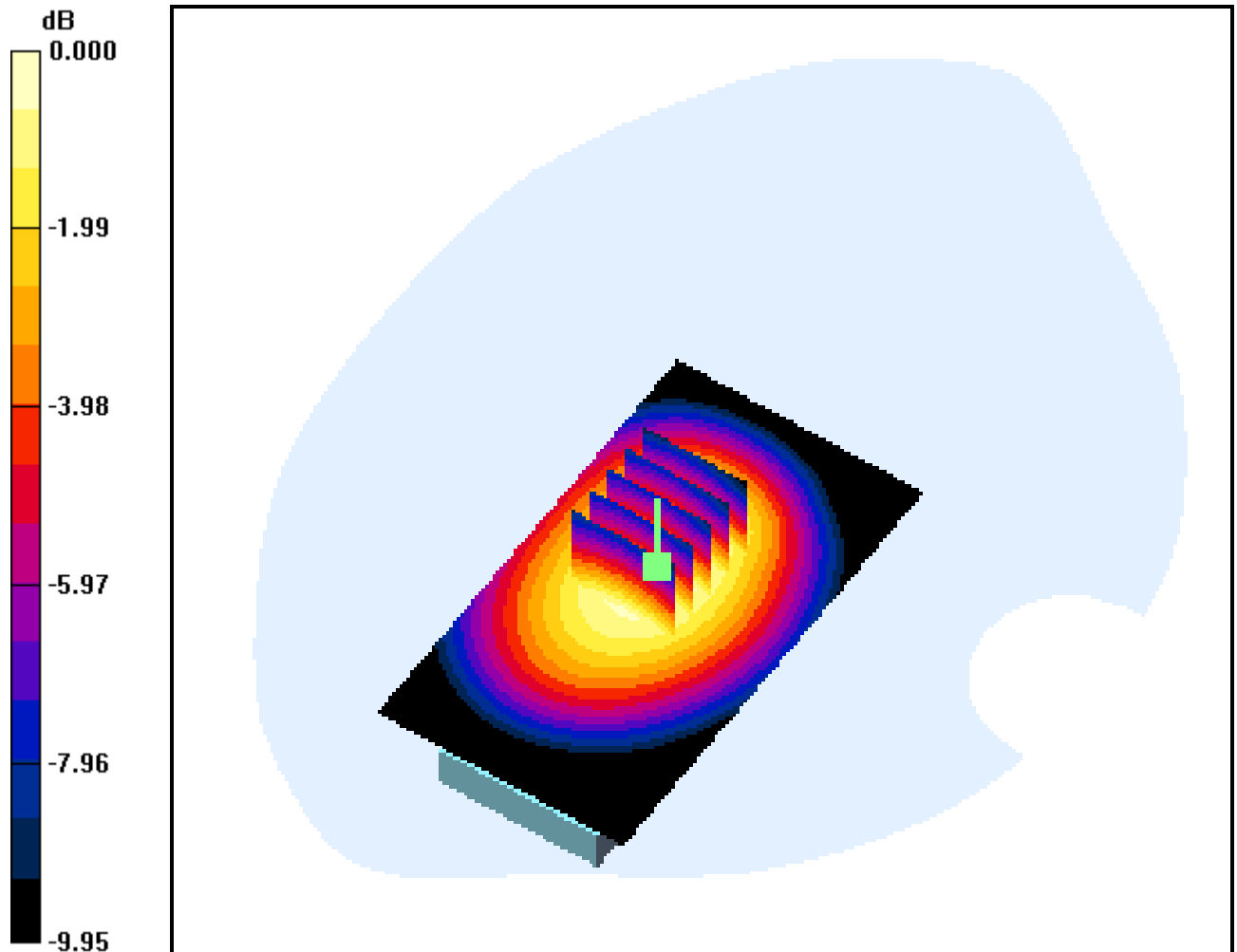
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.317 mW/g



0 dB = 0.472mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.971 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.29, 6.29, 6.29); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, GSM Ch.251, Ant Intenna, Standard Battery GPRS Mode

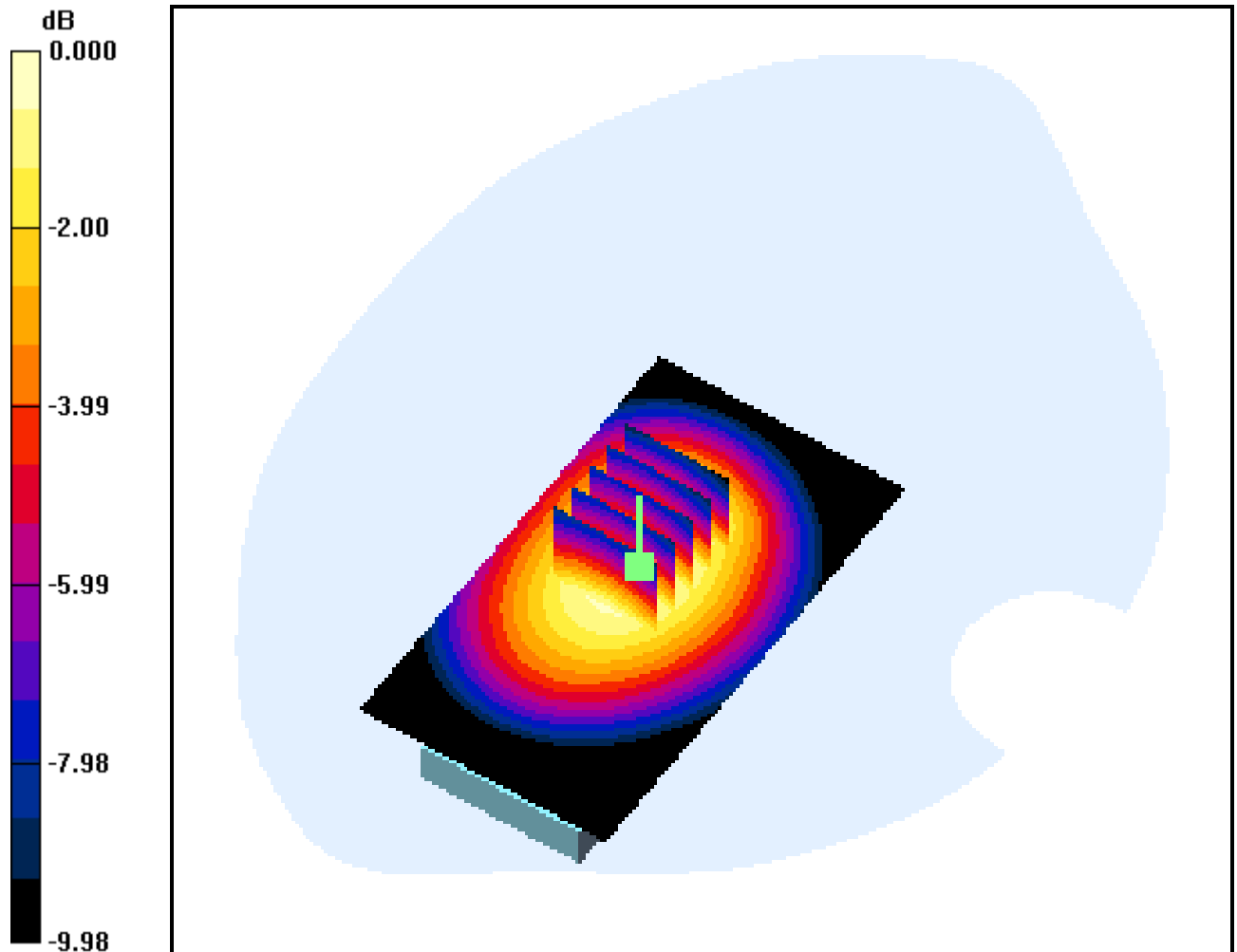
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.291 mW/g



0 dB = 0.434mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.948 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.29, 6.29, 6.29); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, GSM Ch.128, Ant Intenna, Standard Battery GPRS Mode With BT ON

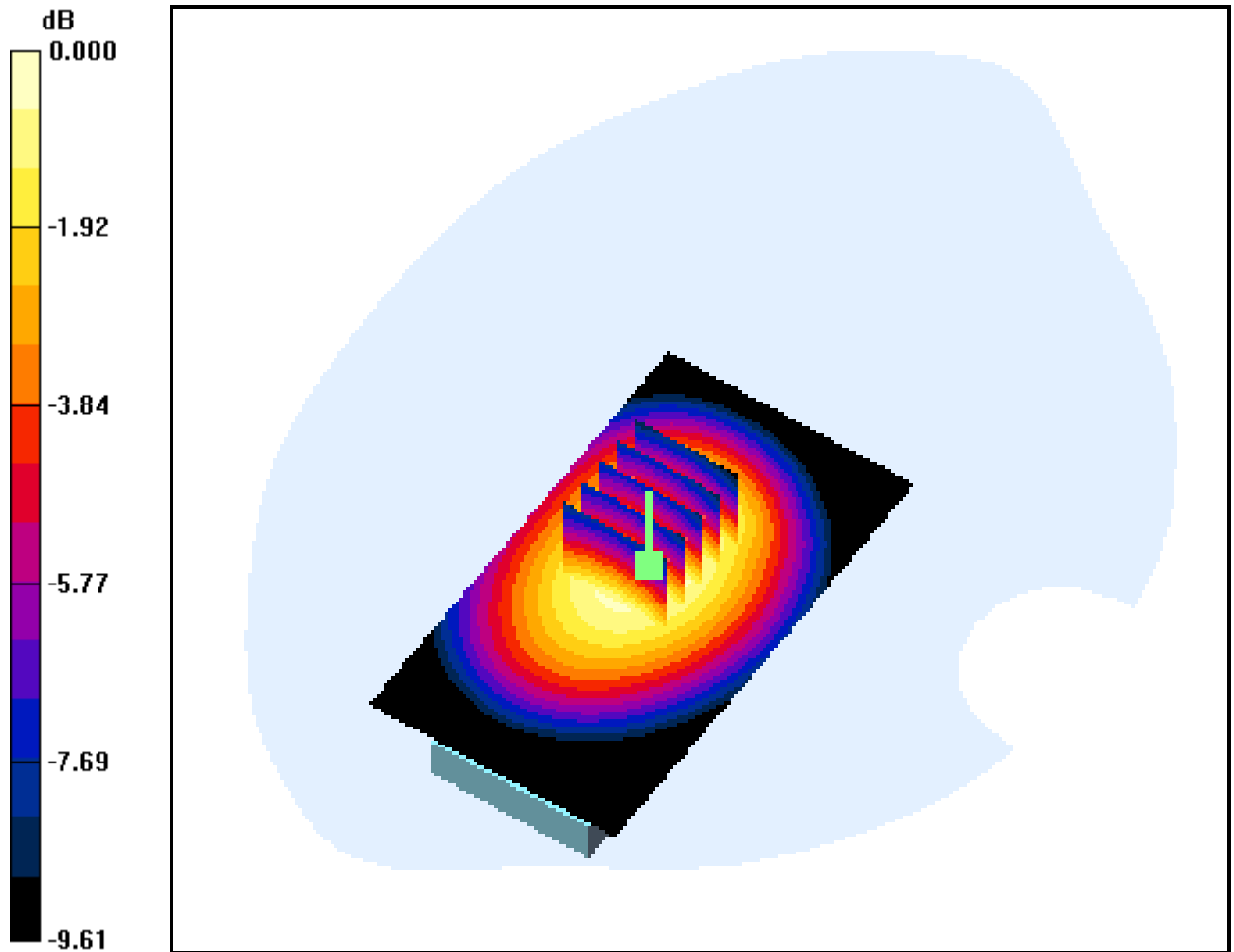
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.506 mW/g; SAR(10 g) = 0.366 mW/g



0 dB = 0.535mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch PCS Ch.512, Ant Intenna, Standard Battery

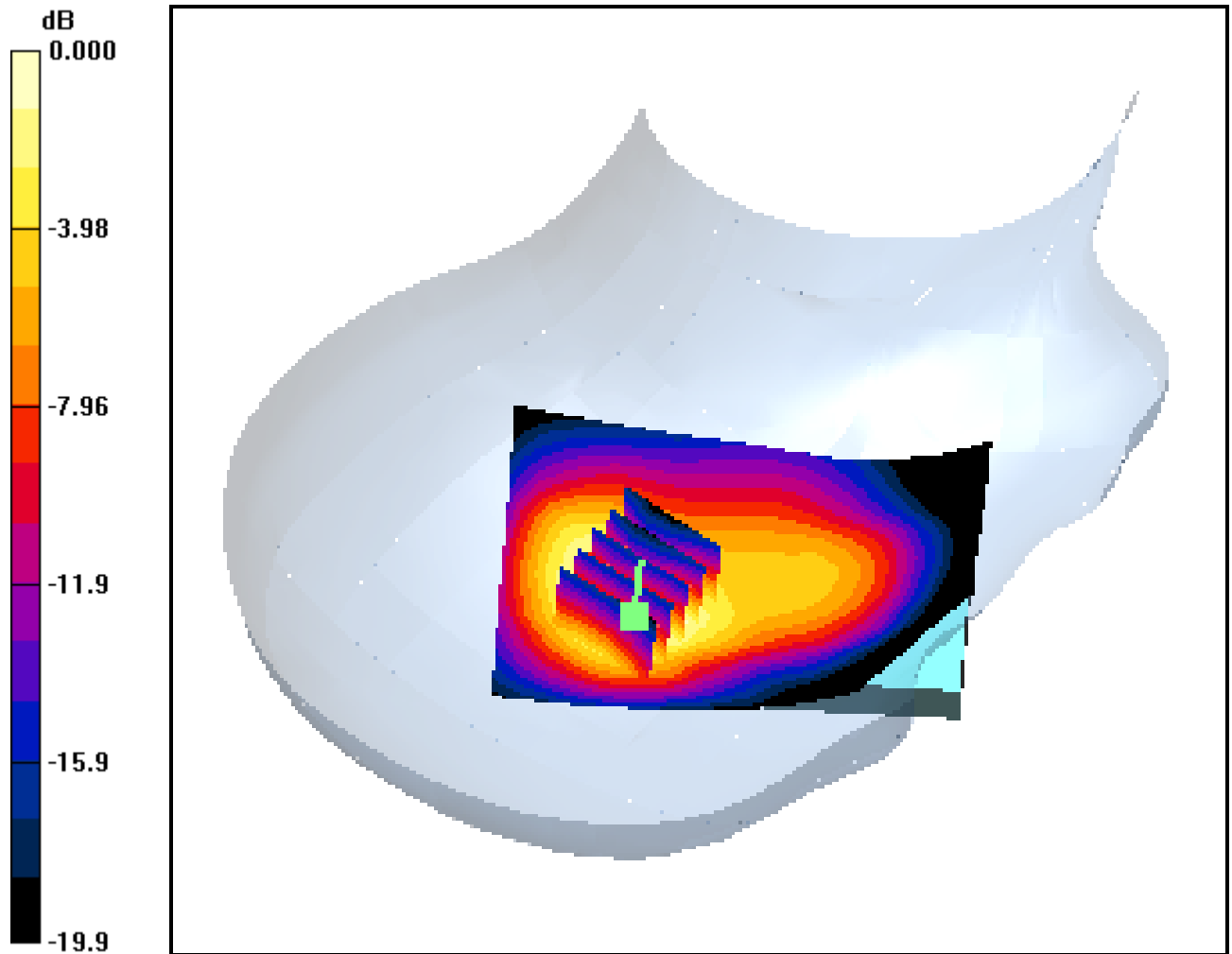
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.210 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.409 mW/g



0 dB = 0.894mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch PCS Ch.661, Ant Intenna, Standard Battery

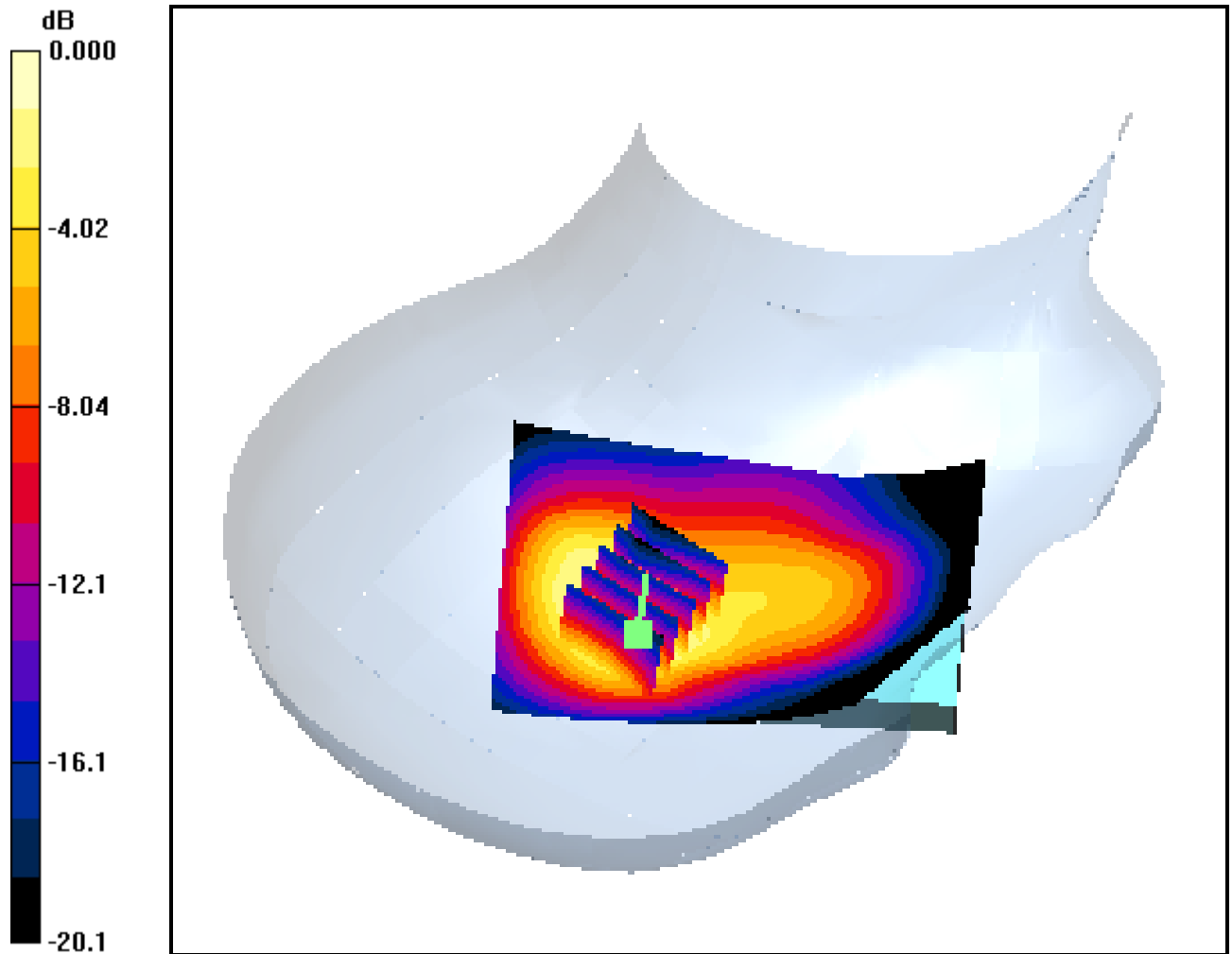
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.368 mW/g



0 dB = 0.832mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch PCS Ch.810, Ant Intenna, Standard Battery

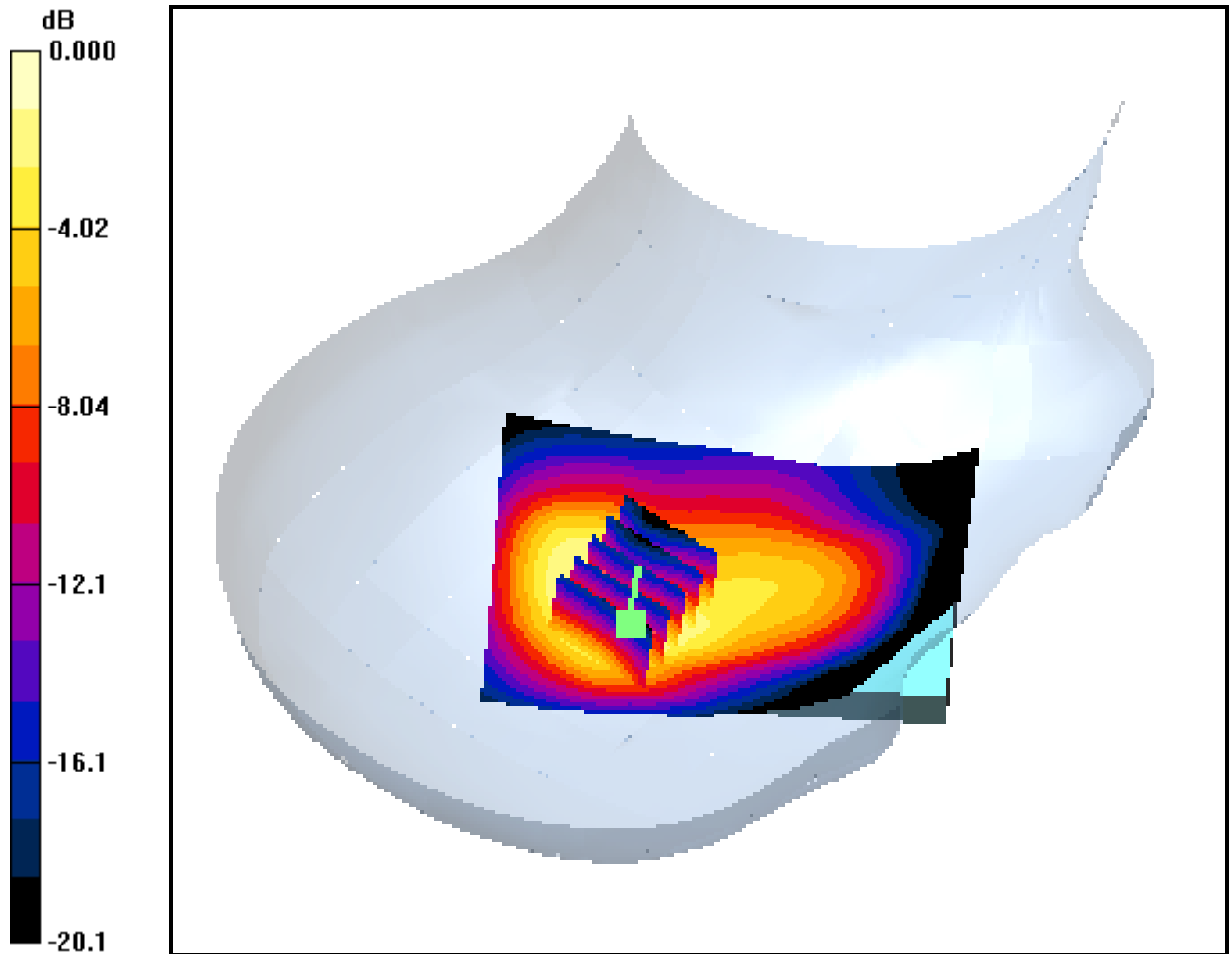
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.027 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.263 mW/g



0 dB = 0.596mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Tilt PCS Ch.661, Ant Intenna, Standard Battery

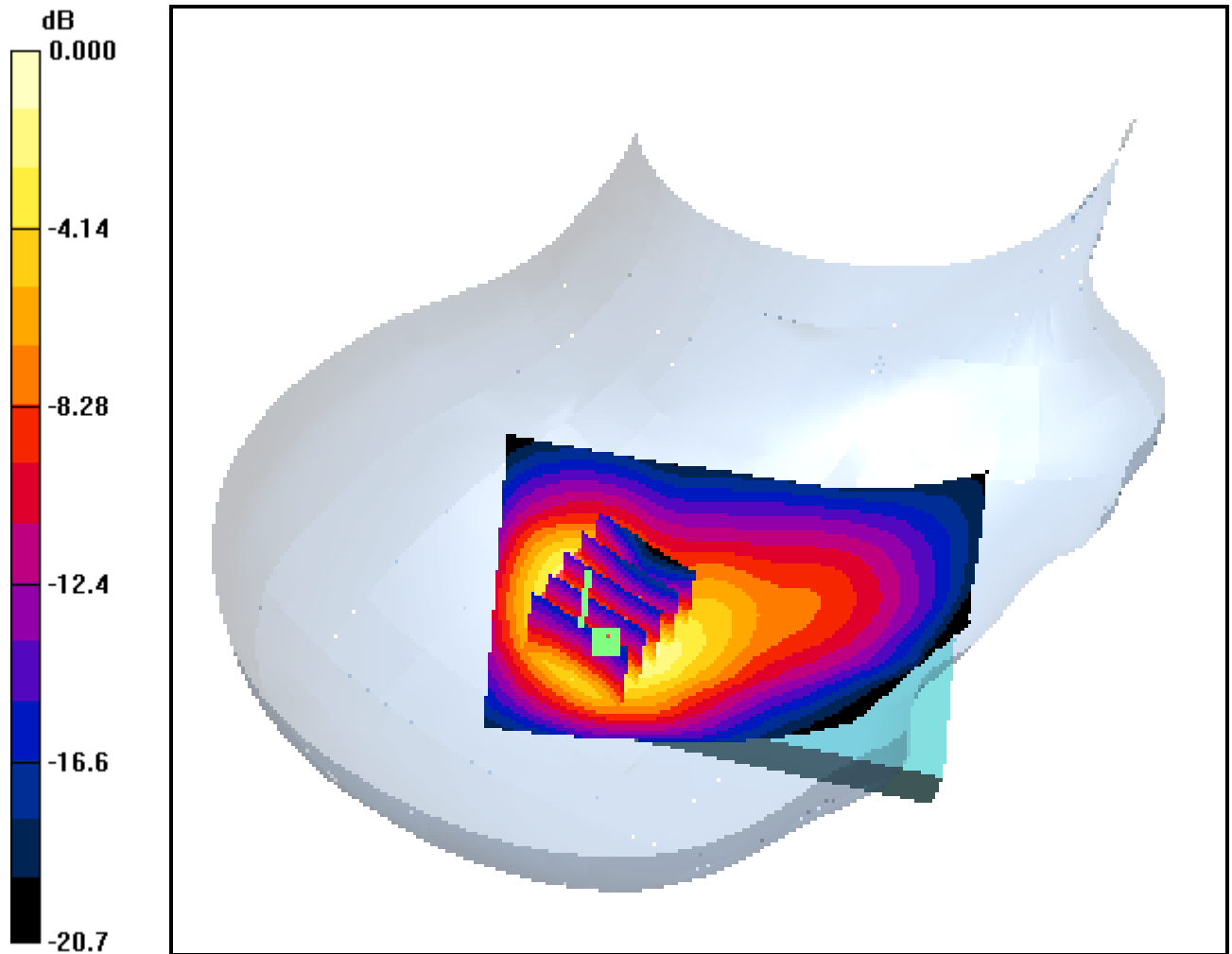
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.052 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.334 mW/g



0 dB = 0.722mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch PCS Ch.512, Ant Intenna, Standard Battery

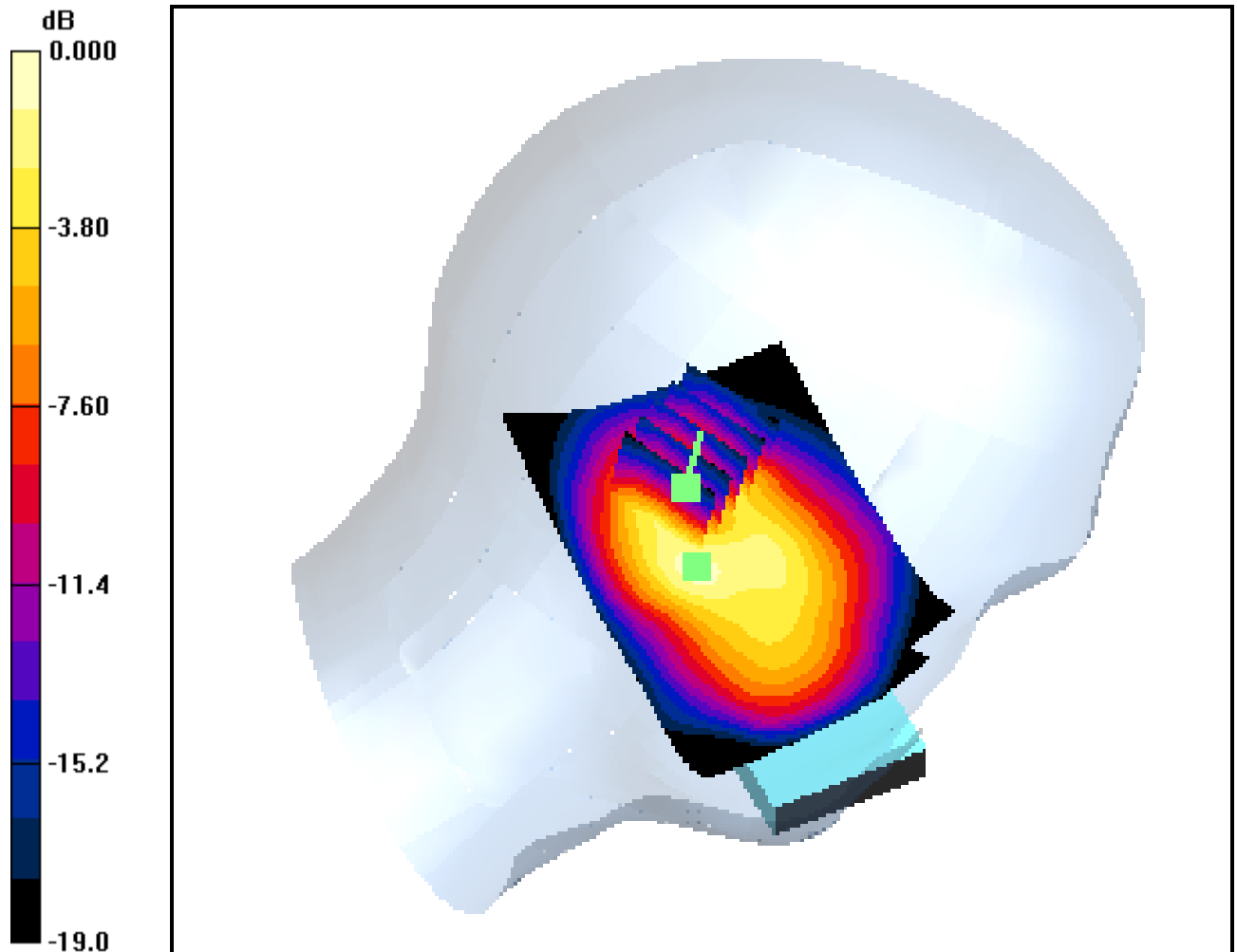
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.086 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.380 mW/g



0 dB = 0.902mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch PCS Ch.512, Ant Intenna, Standard Battery

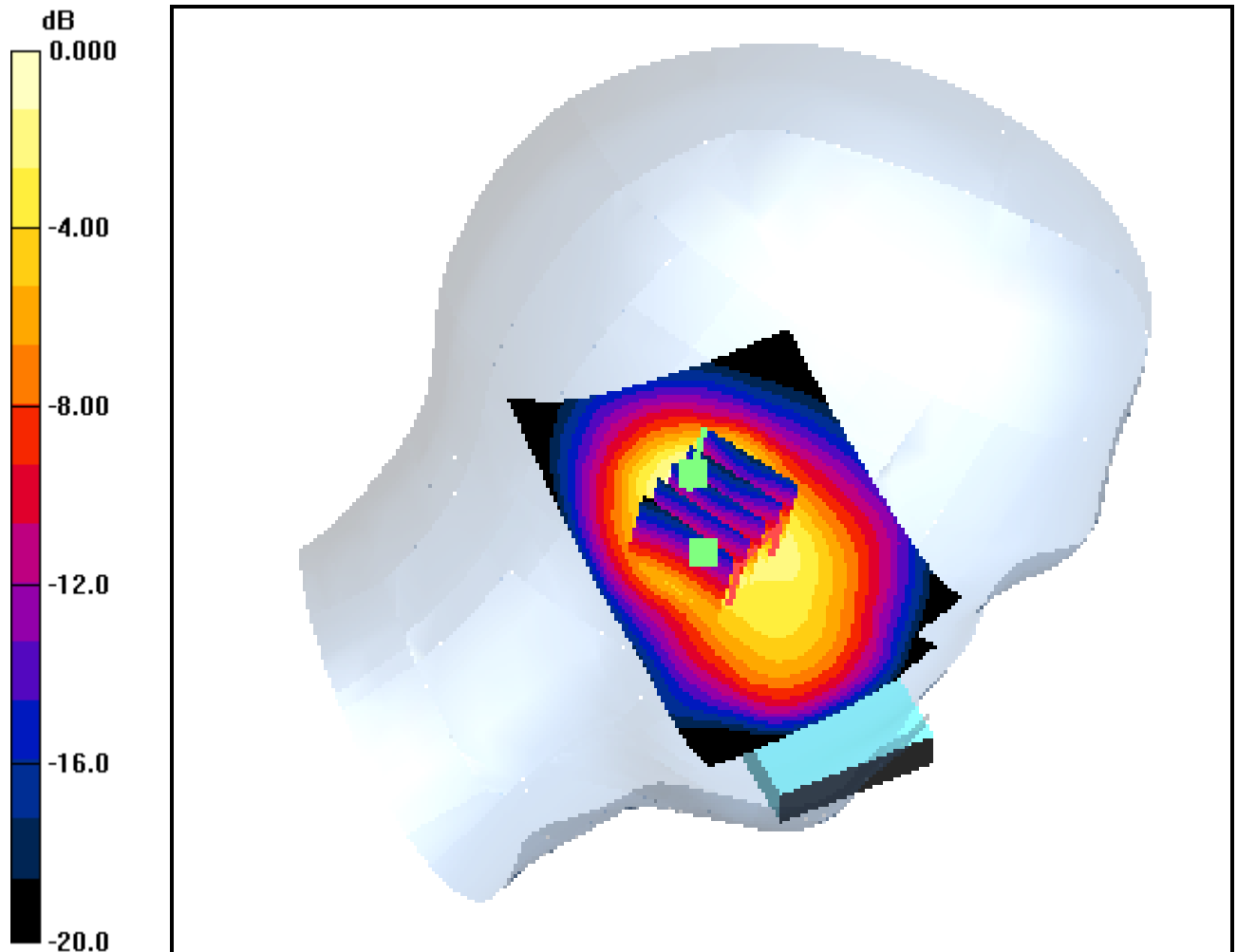
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.086 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.350 mW/g



0 dB = 0.874mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch PCS Ch.661, Ant Intenna, Standard Battery

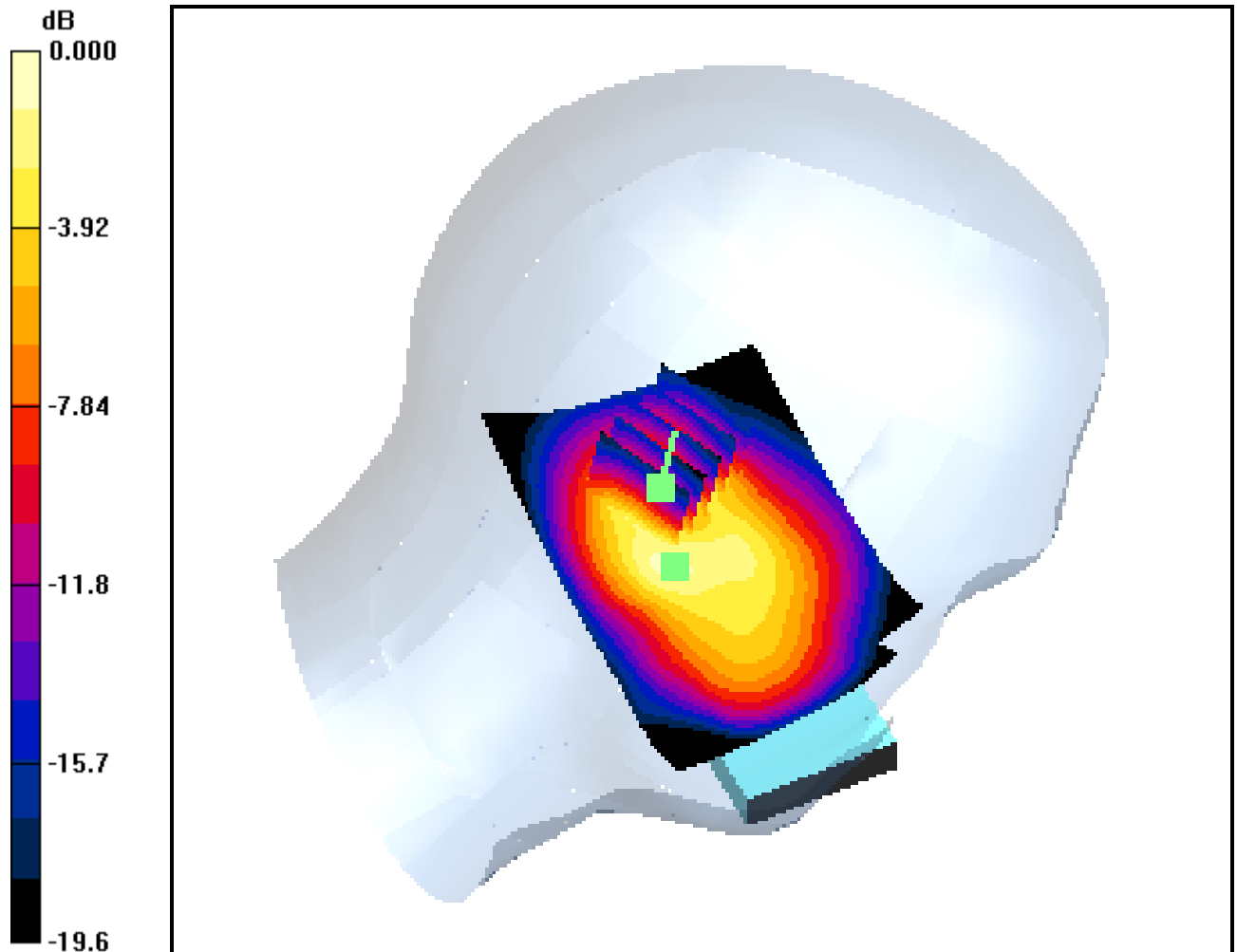
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.368 mW/g



0 dB = 0.877mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch PCS Ch.661, Ant Intenna, Standard Battery

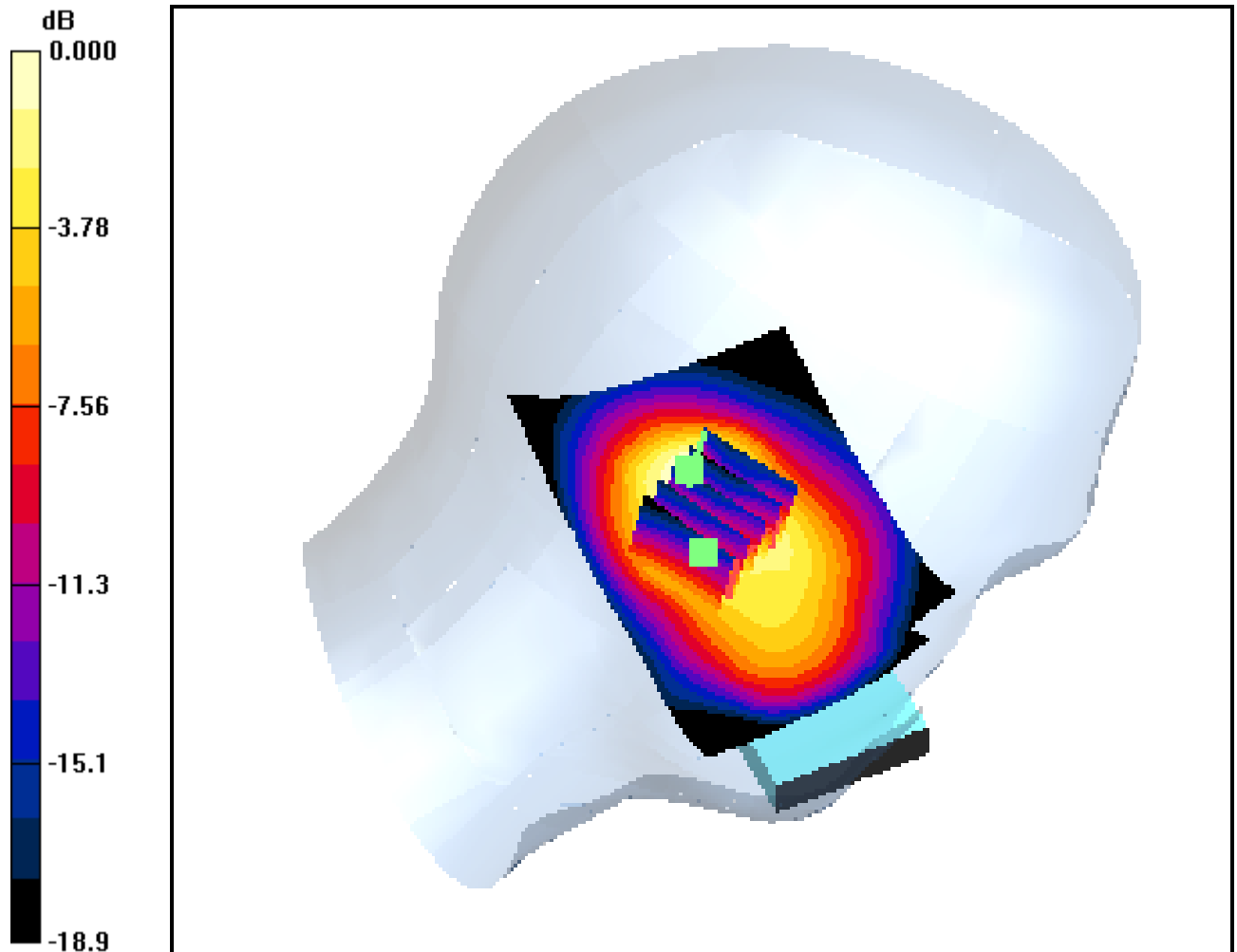
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.331 mW/g



0 dB = 0.795mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch PCS Ch.810, Ant Intenna, Standard Battery

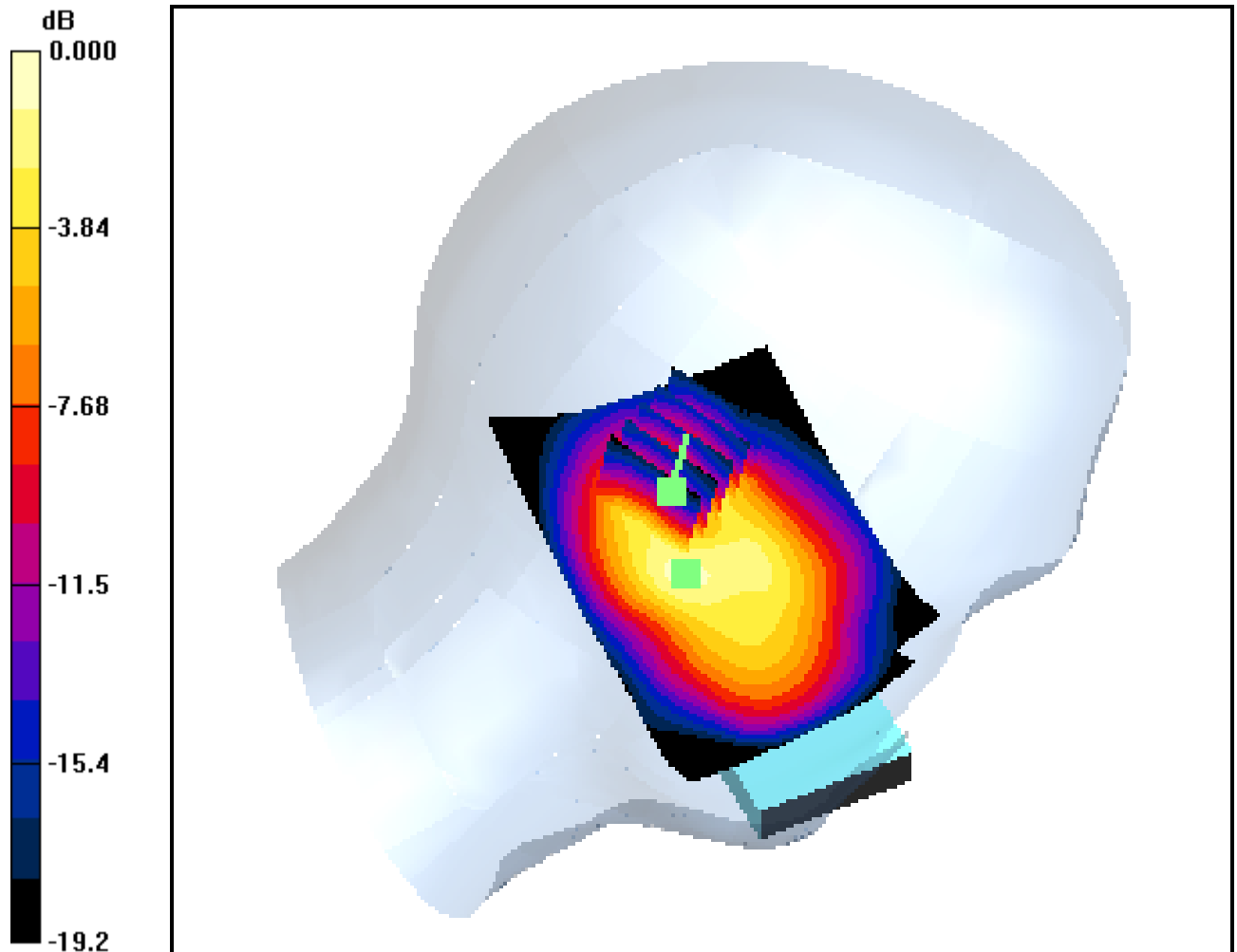
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.276 mW/g



0 dB = 0.670mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Touch PCS Ch.810, Ant Intenna, Standard Battery

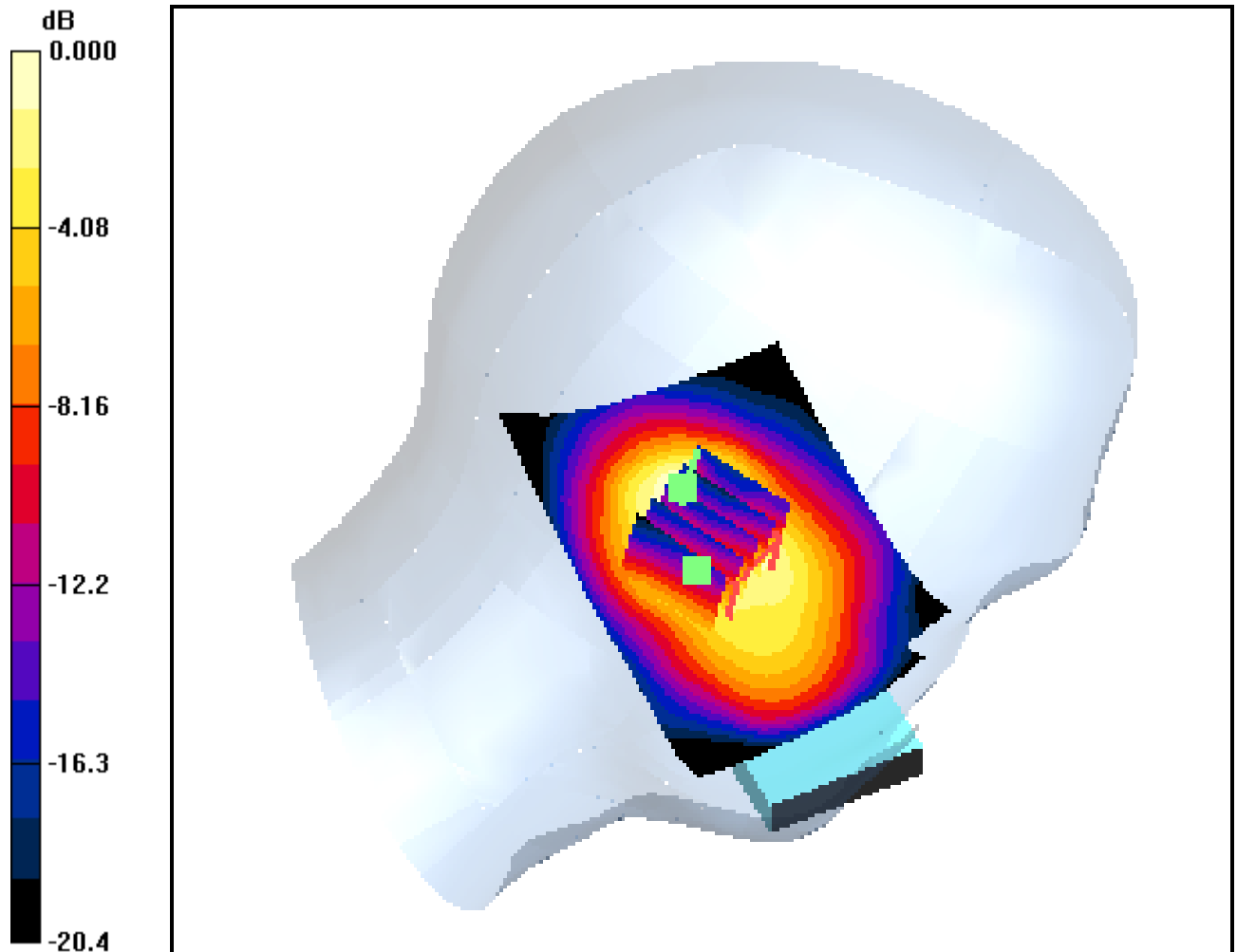
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.257 mW/g



DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Left Tilt PCS Ch.661, Ant Intenna, Standard Battery

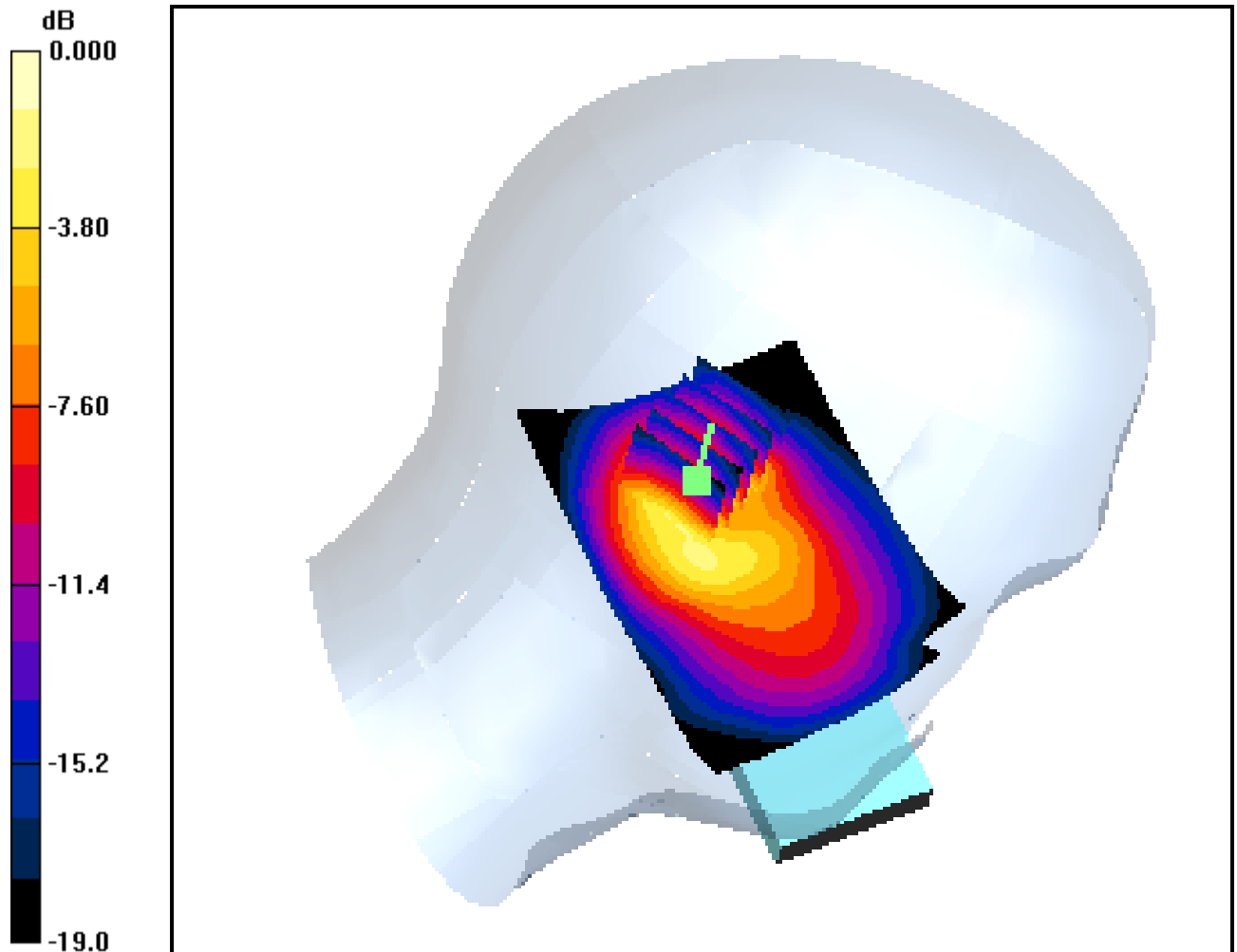
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.130 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.329 mW/g



0 dB = 0.760mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch PCS Ch.512, Ant Intenna, Standard Battery With BT ON

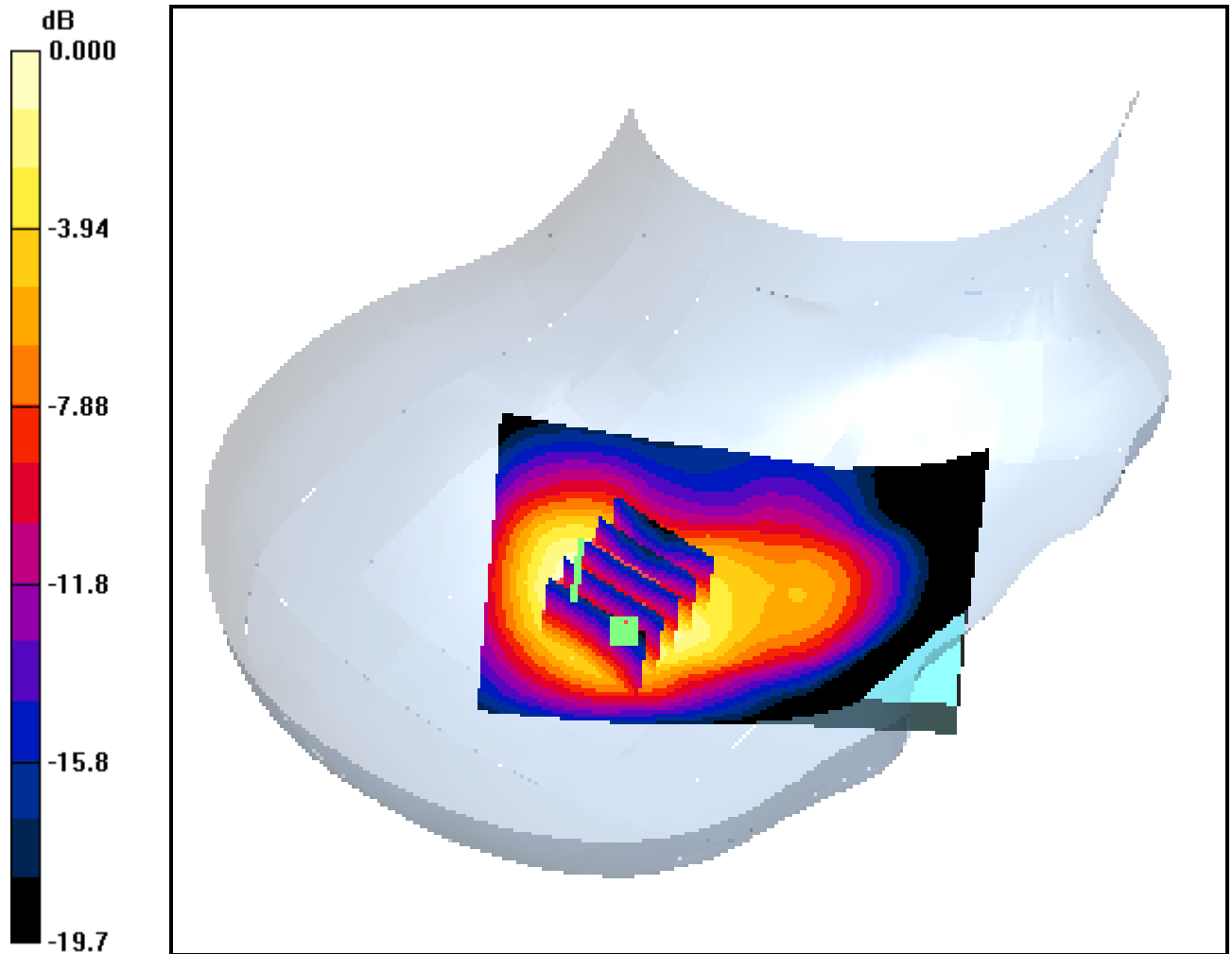
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.59 W/kg

SAR(1 g) = 0.828 mW/g; SAR(10 g) = 0.426 mW/g



0 dB = 0.947mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.72, 4.72, 4.72); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Standard Battery GPRS Mode

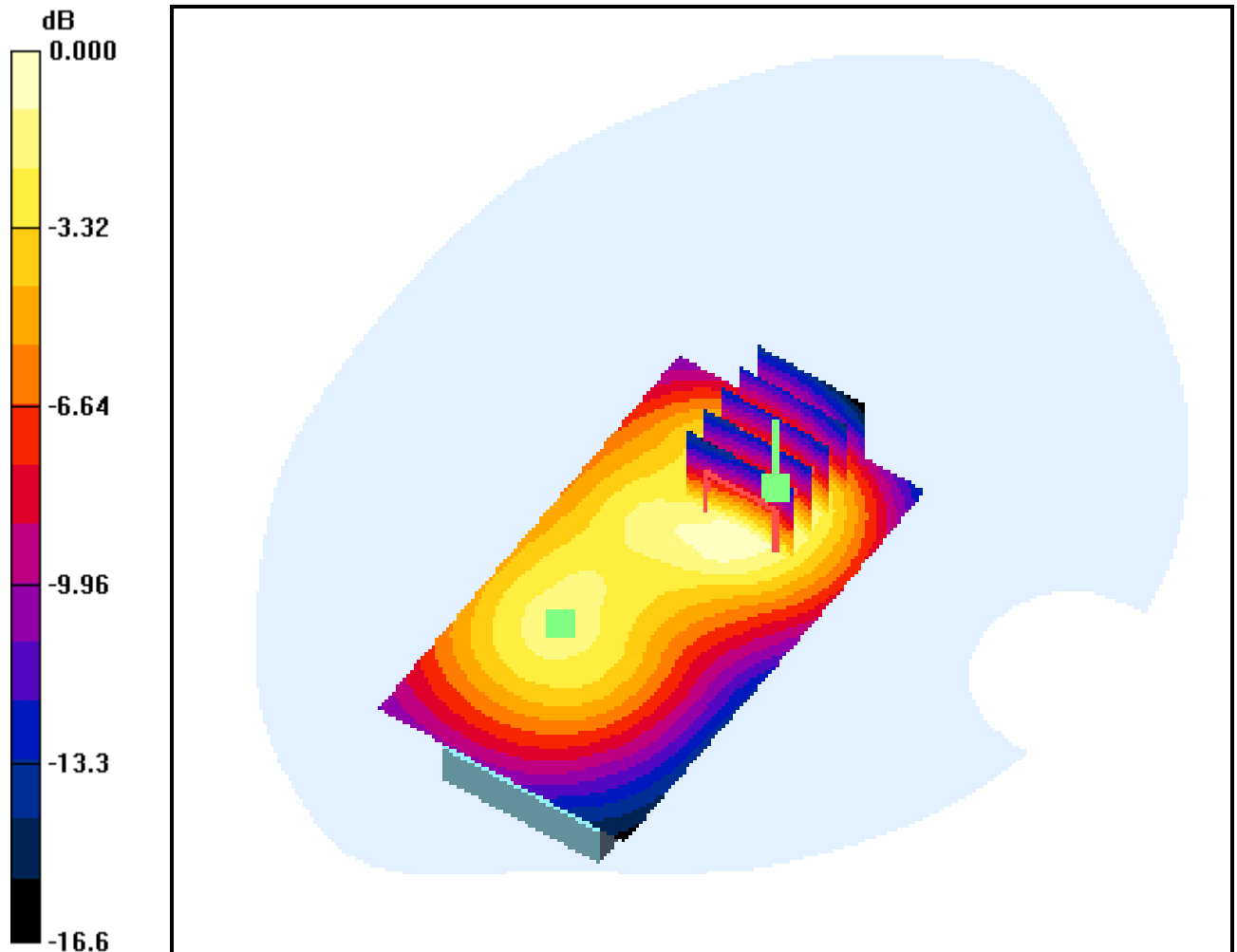
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.221 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.496 mW/g



0 dB = 0.912mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.72, 4.72, 4.72); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Standard Battery GPRS Mode

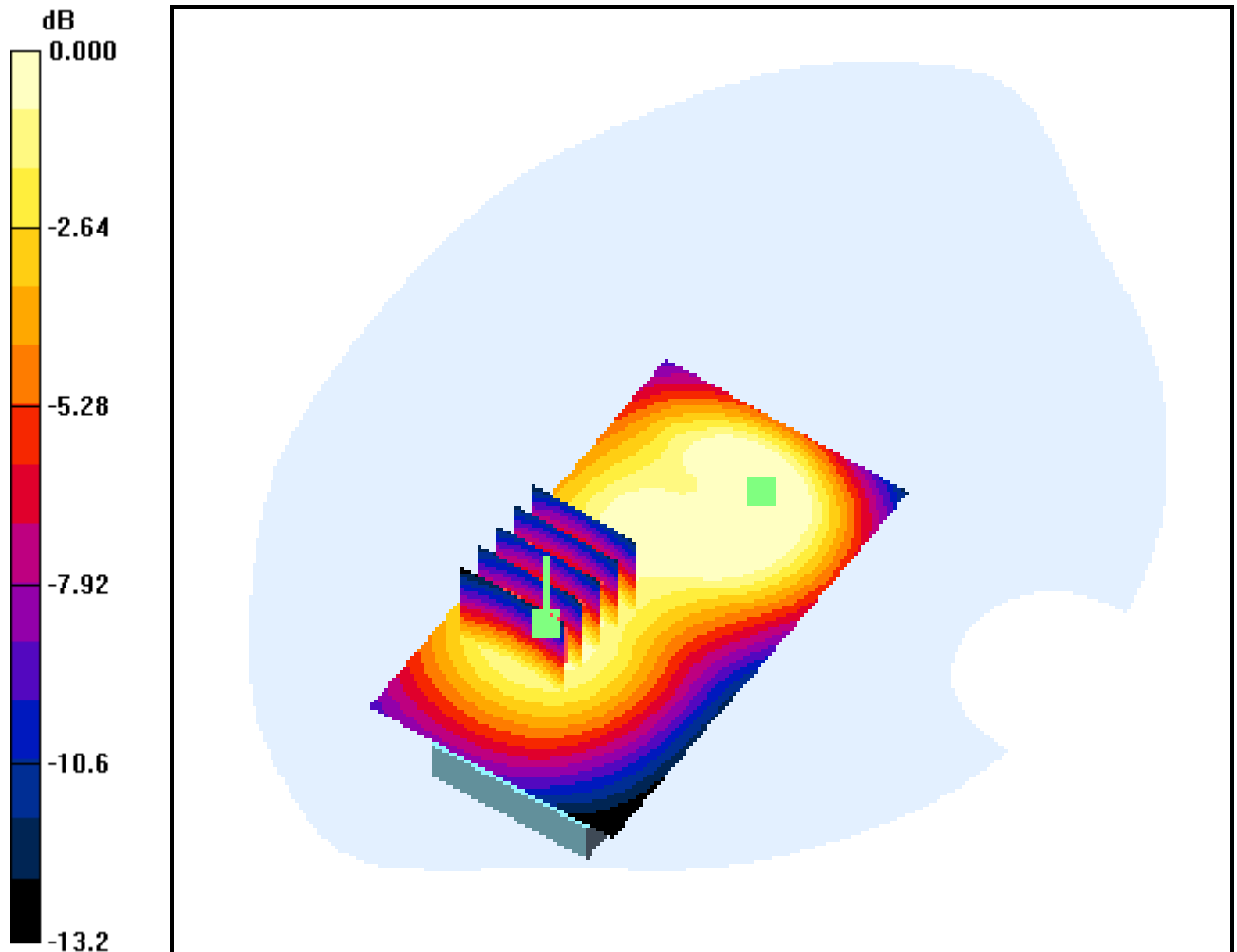
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.221 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.371 mW/g



0 dB = 0.602mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.72, 4.72, 4.72); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.661, Ant Intenna, Standard Battery GPRS Mode

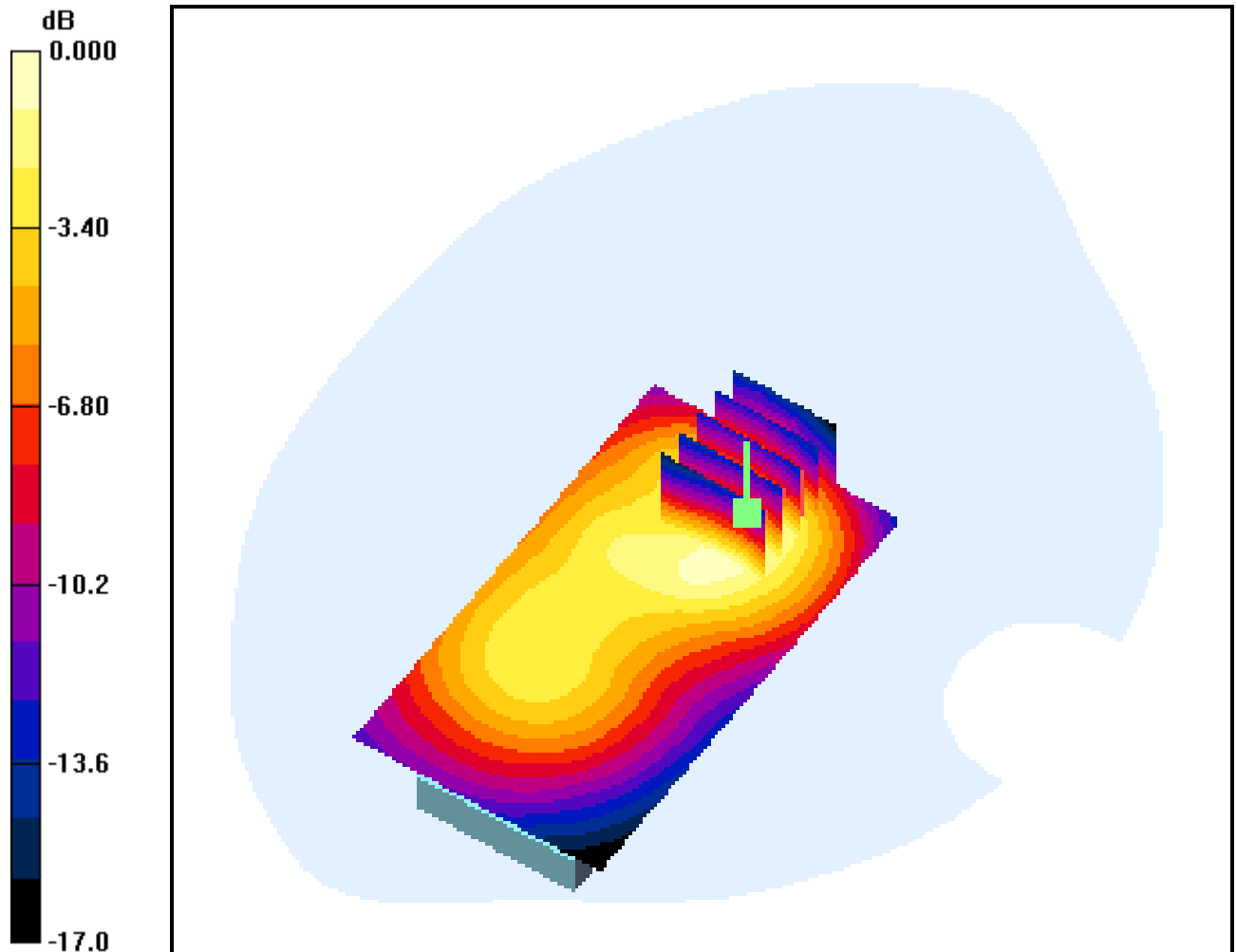
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.485 mW/g



0 dB = 0.914mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.58 \text{ mho/m}$; $\epsilon_r = 51.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.72, 4.72, 4.72); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.810, Ant Intenna, Standard Battery GPRS Mode

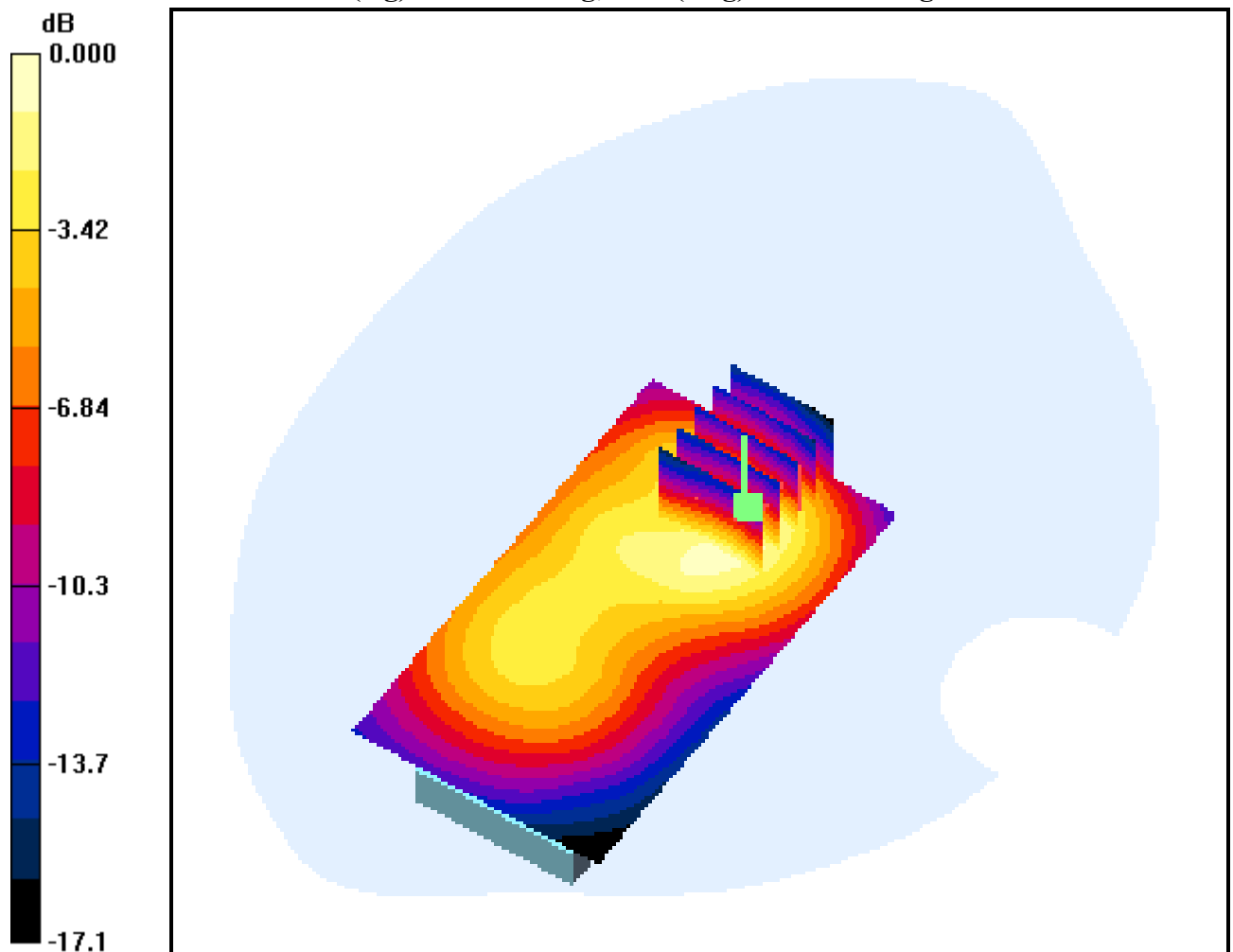
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.385 mW/g



0 dB = 0.731mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.72, 4.72, 4.72); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Standard Battery GPRS Mode With BT ON

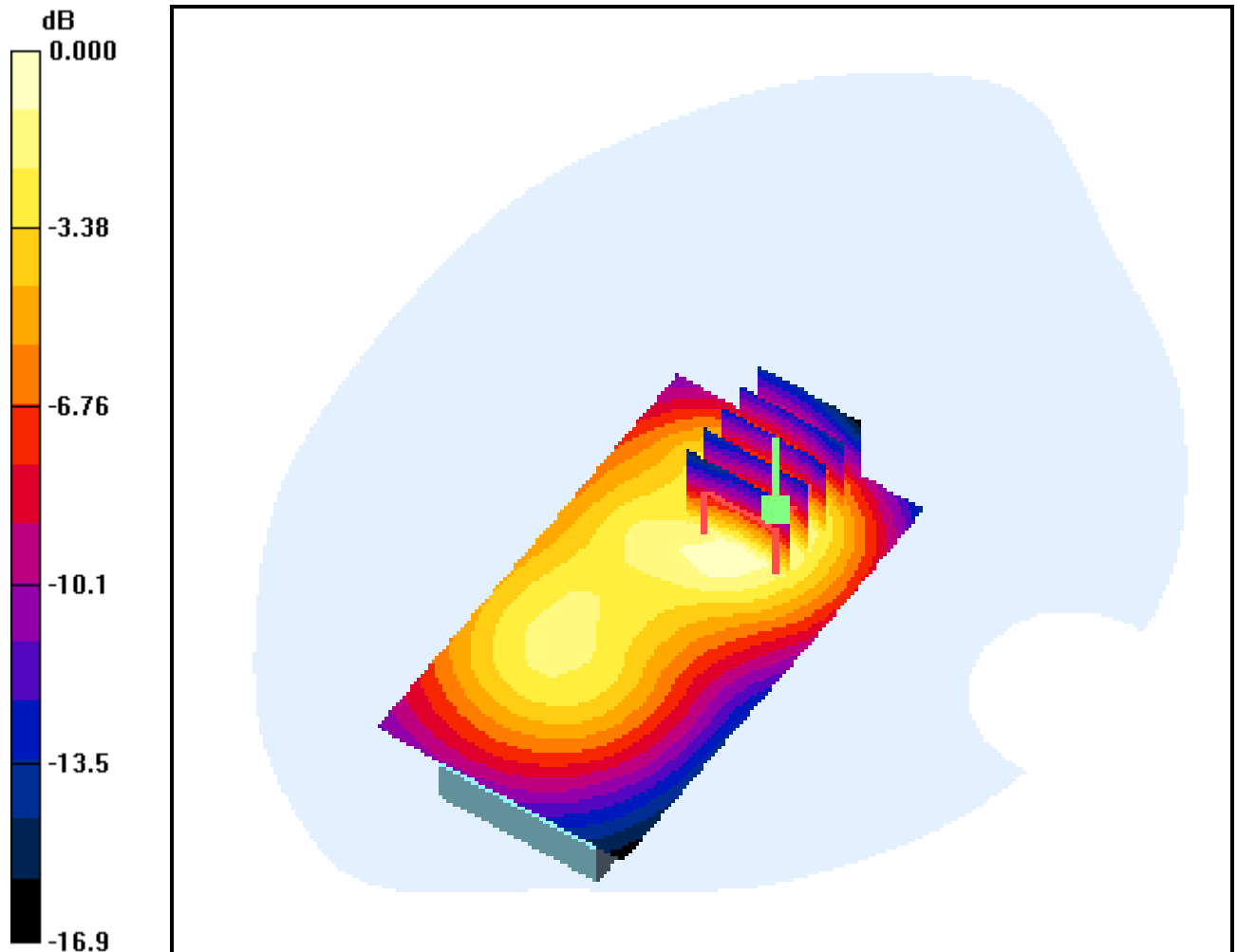
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.491 mW/g



0 dB = 0.910mW/g

DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

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

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.877$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.52, 6.52, 6.52); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch GSM Ch.128, Ant Intenna, Standard Battery

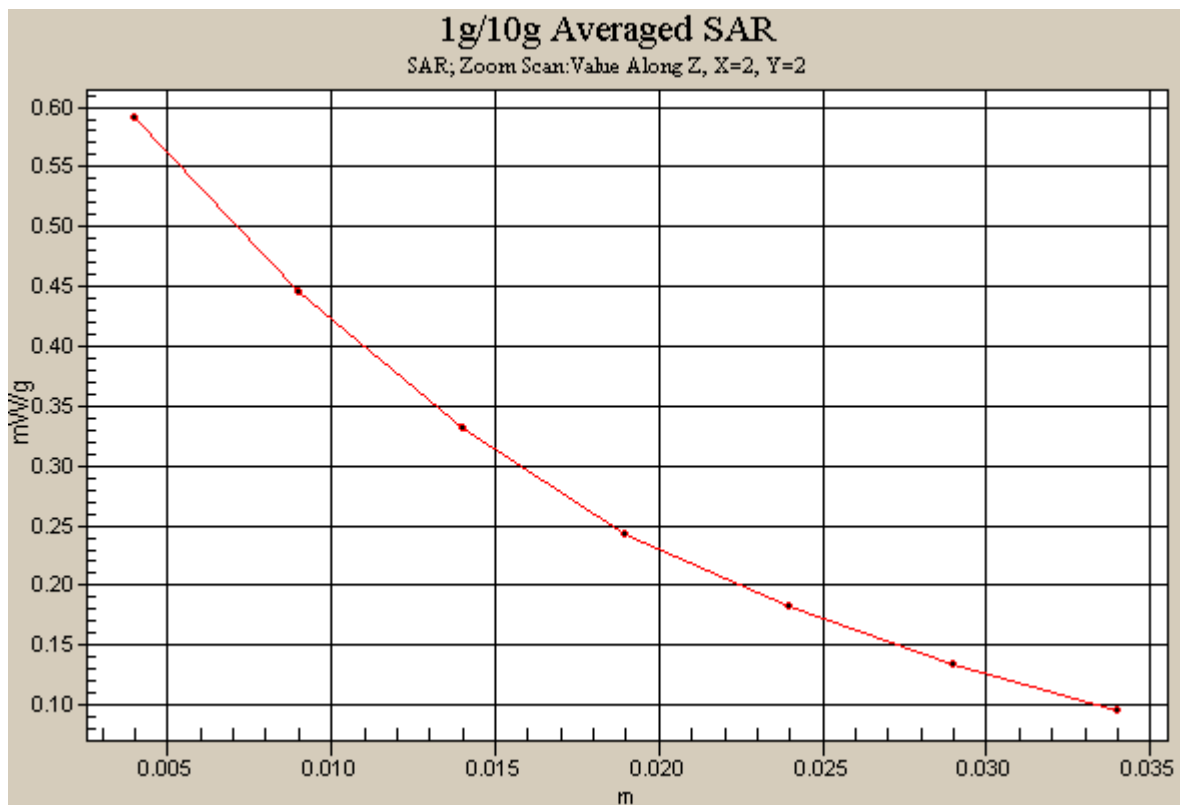
Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.397 mW/g



DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.38, 5.38, 5.38); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

Right Touch PCS Ch.512, Ant Intenna, Standard Battery

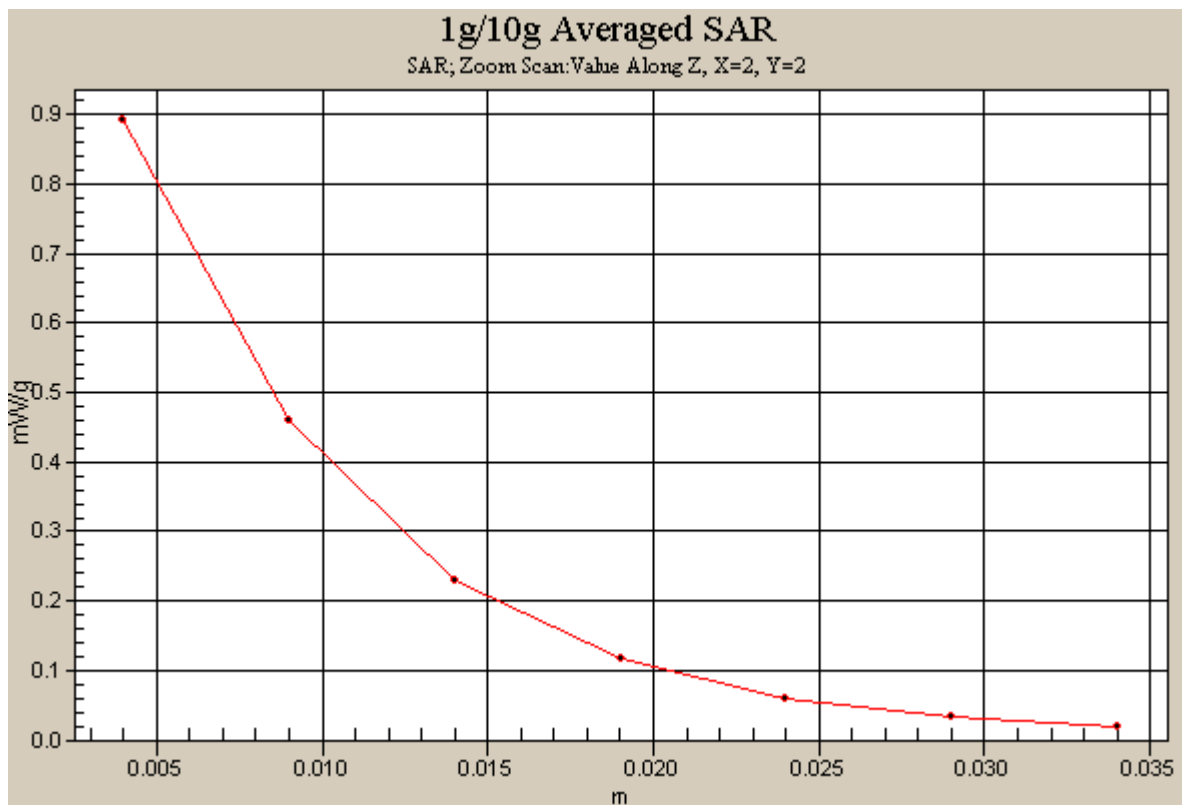
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.210 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.409 mW/g



DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.948 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.29, 6.29, 6.29); Calibrated: 2006-09-20; Electronics: DAE3 Sn519

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

Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-28; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, GSM Ch.128, Ant Intenna, Standard Battery GPRS Mode

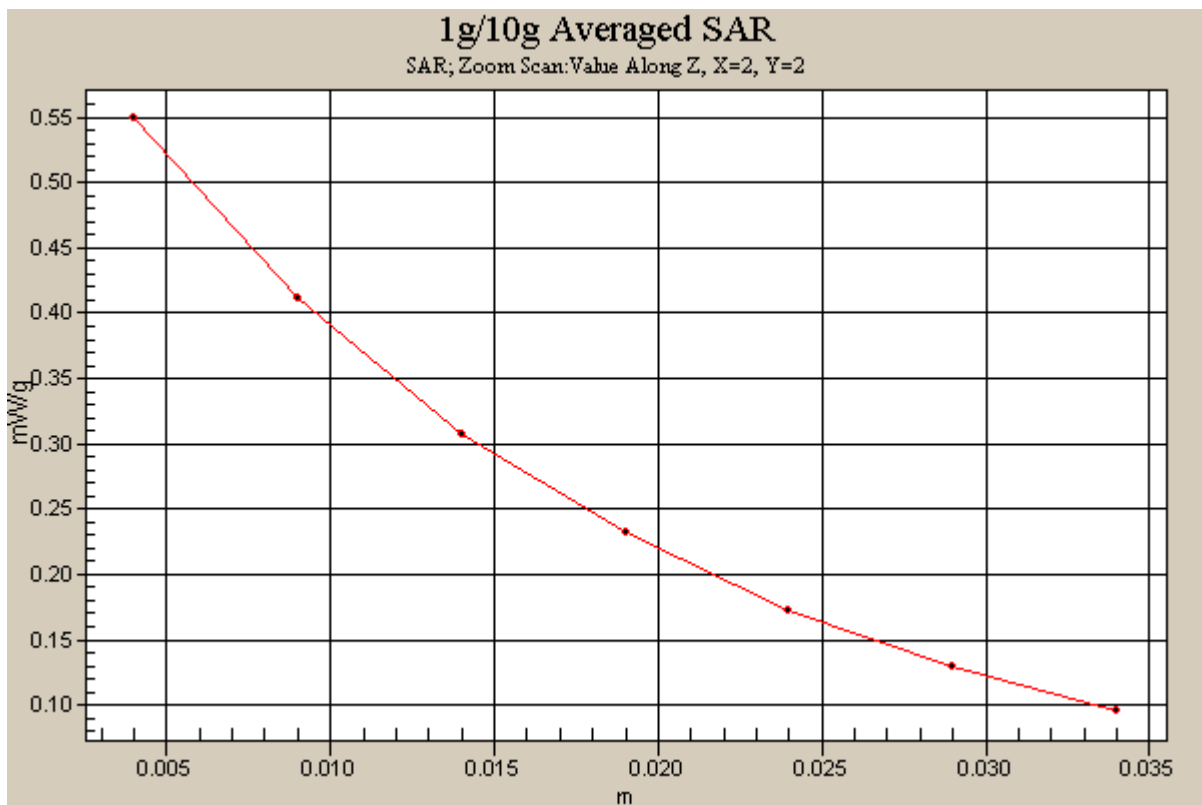
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.370 mW/g



DIGITAL EMC CO., LTD

DUT: i170; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.72, 4.72, 4.72); Calibrated: 2006-09-20; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2007-05-25; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Standard Battery GPRS Mode

Area Scan (51x91x1): 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 = -0.221 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.496 mW/g

