

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: $f = 835 \text{ MHz}$; $\sigma = 0.903 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Dipole Validation

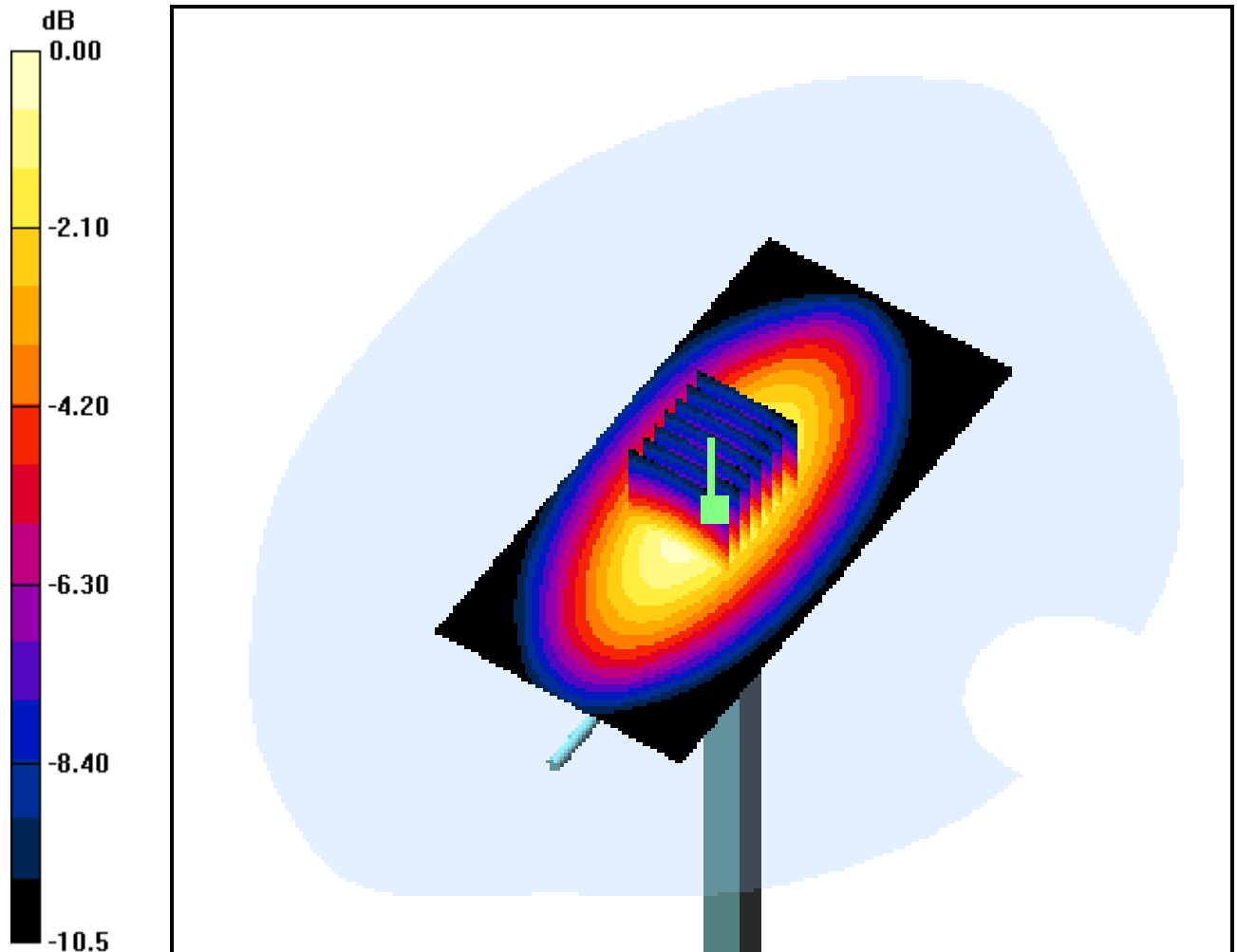
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 3.76 W/kg

SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.64 mW/g



0 dB = 2.72mW/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: $f = 835 \text{ MHz}$; $\sigma = 0.898 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-23; Ambient Temp: 22.5; Tissue Temp: 22.0

Dipole Validation

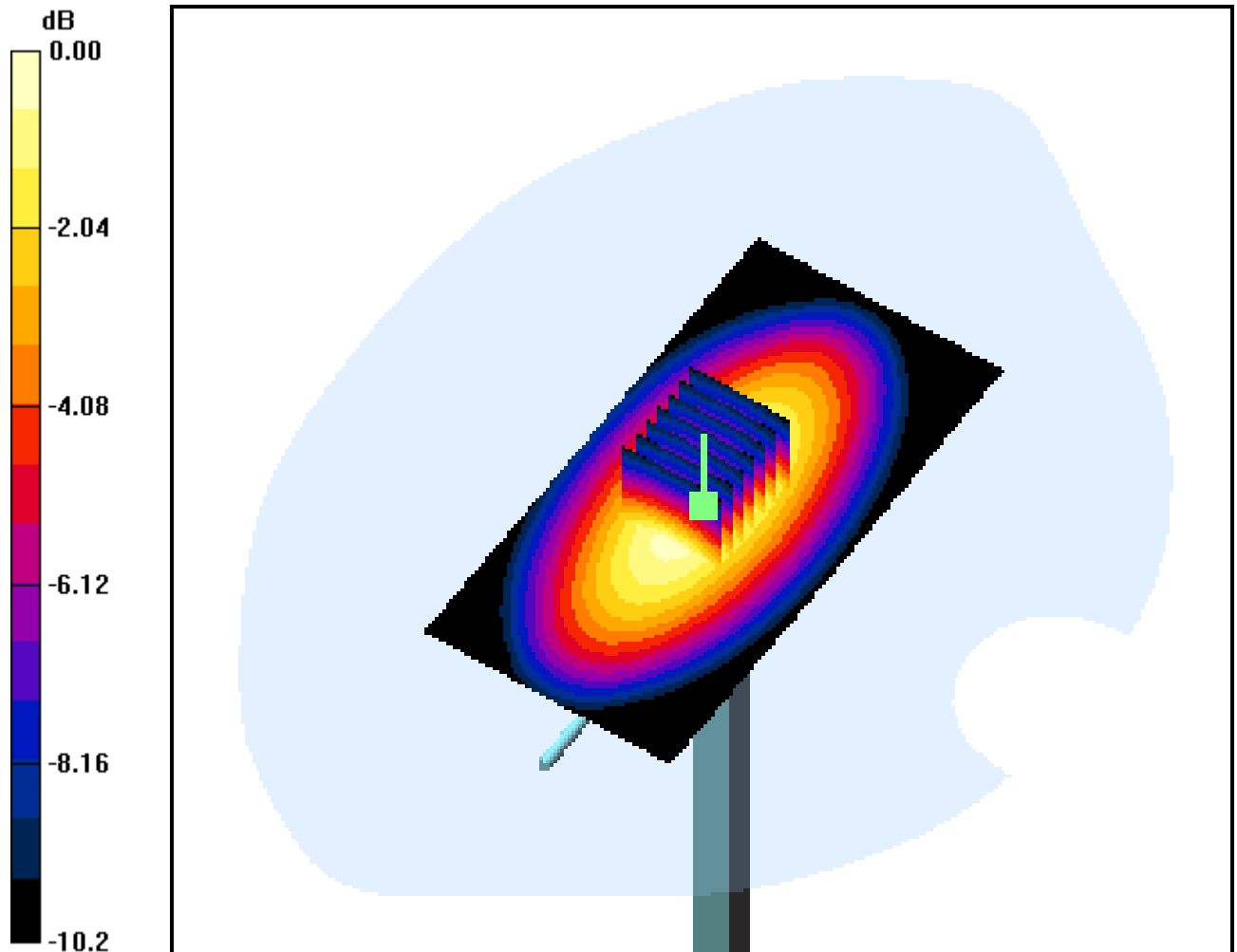
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.5 mW/g



0 dB = 2.44mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-01-27; Ambient Temp: 21.0; Tissue Temp: 20.5

Dipole Validation

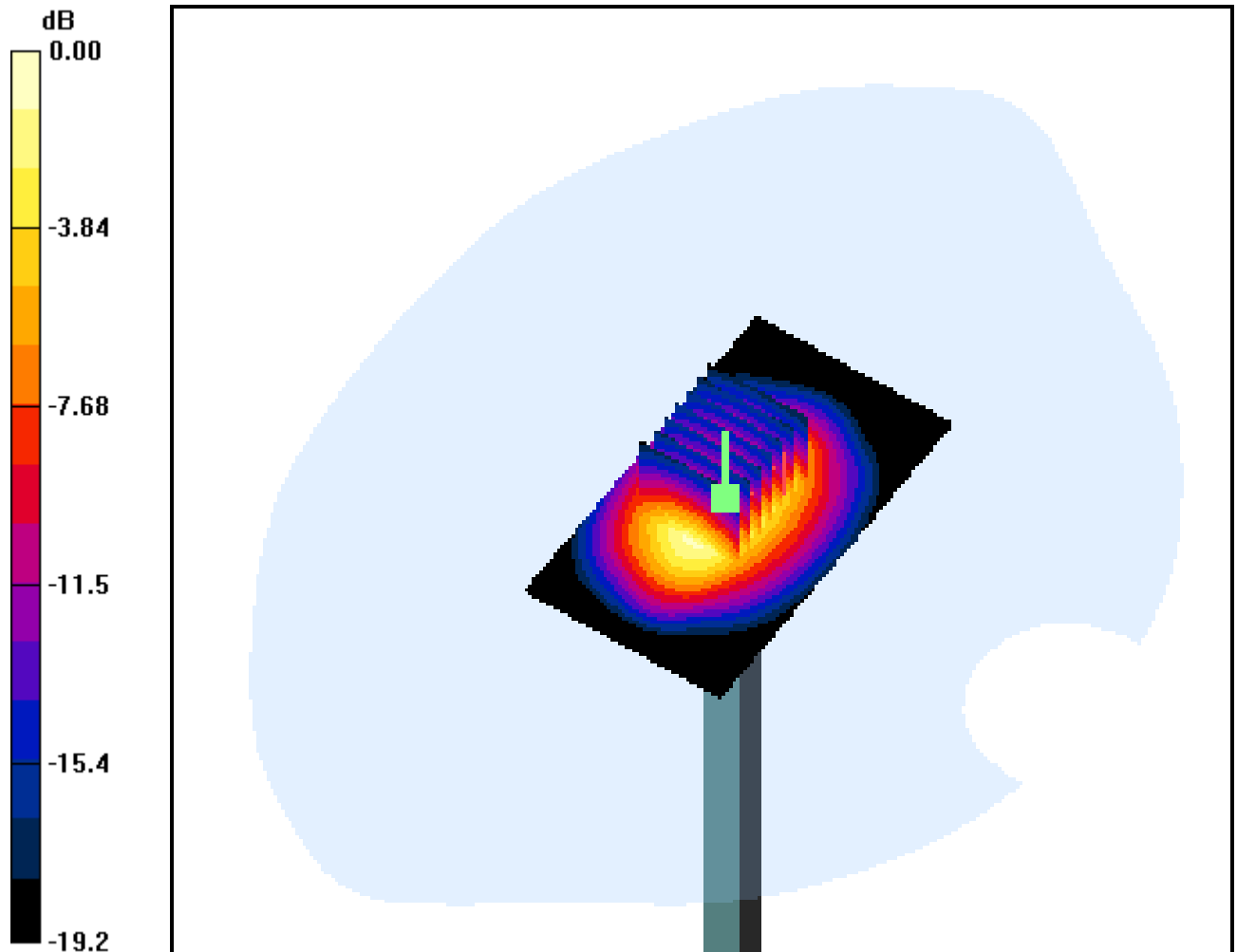
Area Scan (41x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.060 dB

Peak SAR (extrapolated) = 20.2 W/kg

SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.42 mW/g



0 dB = 12.1mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.39 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Dipole Validation

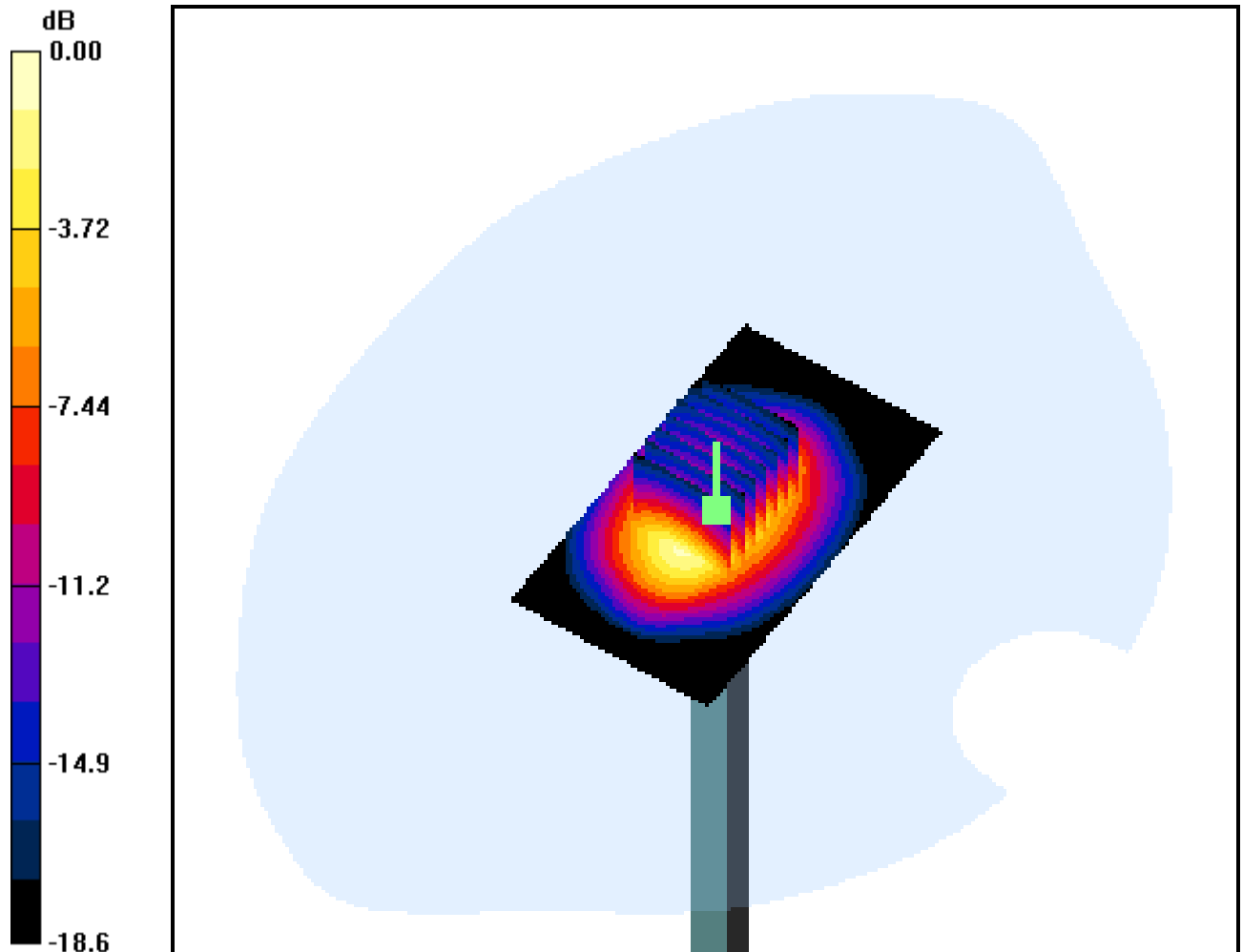
Area Scan (41x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.039 dB

Peak SAR (extrapolated) = 19.6 W/kg

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.4 mW/g



0 dB = 11.9mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

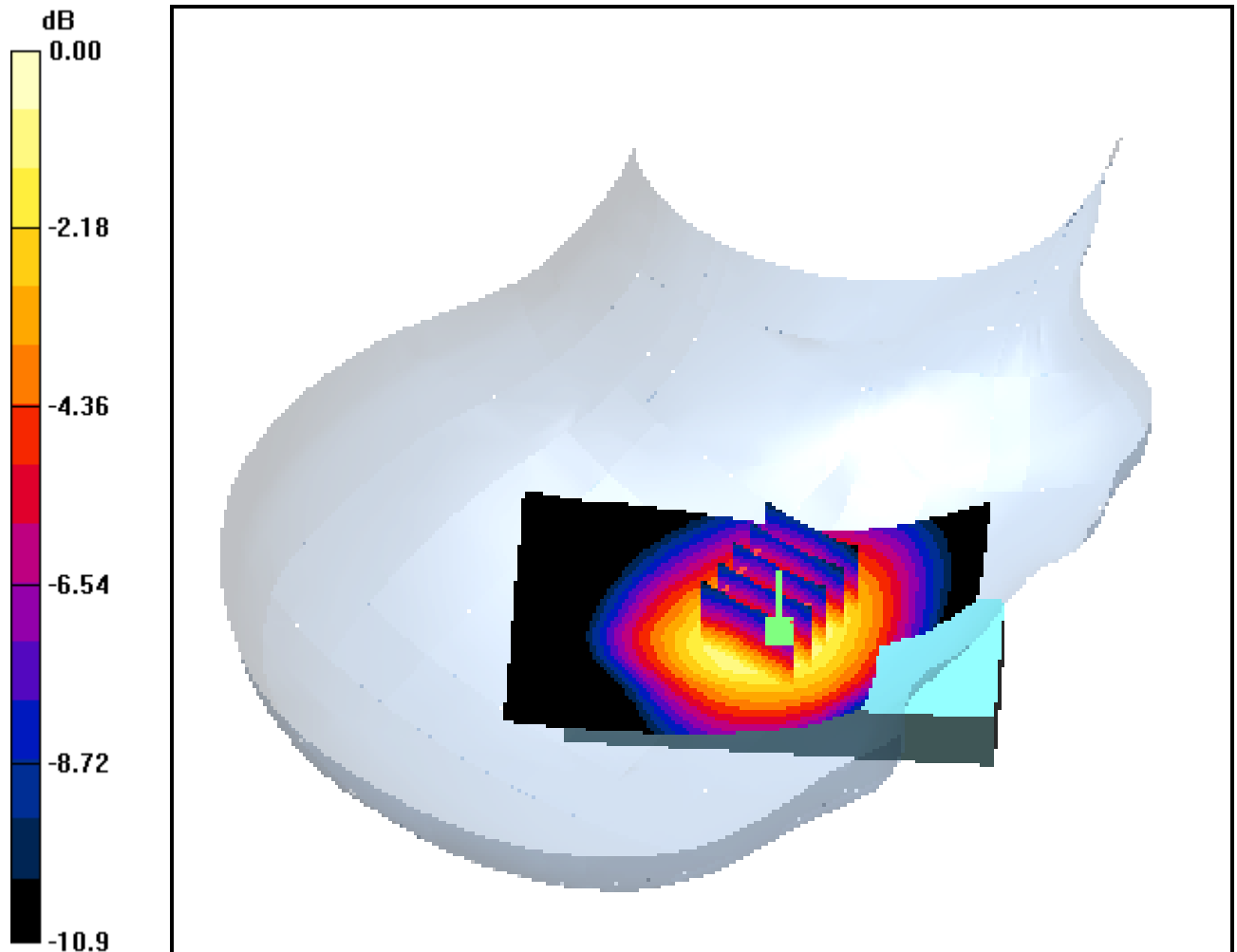
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.308 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.231 mW/g



0 dB = 0.370mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

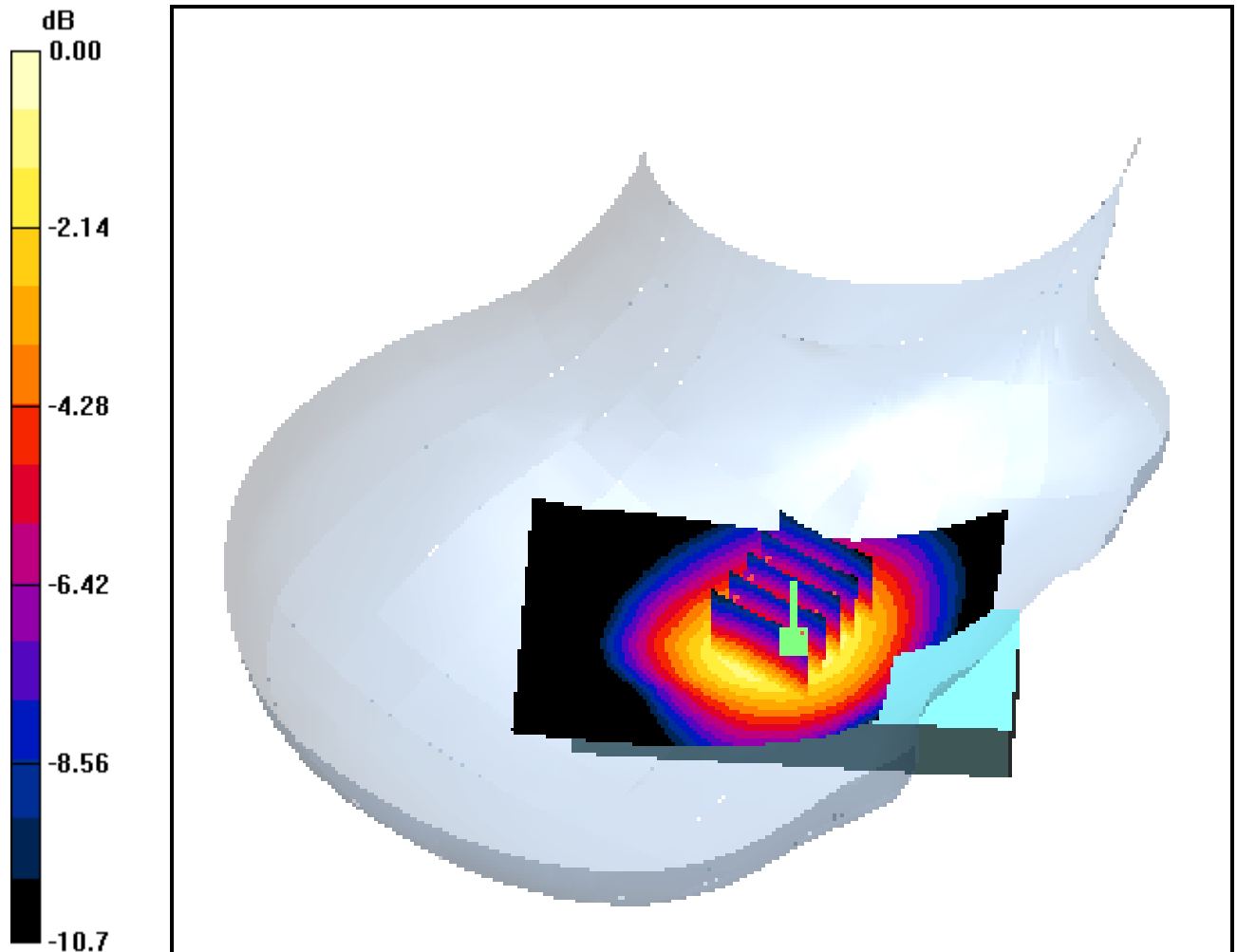
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.792 W/kg

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.357 mW/g



0 dB = 0.573mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

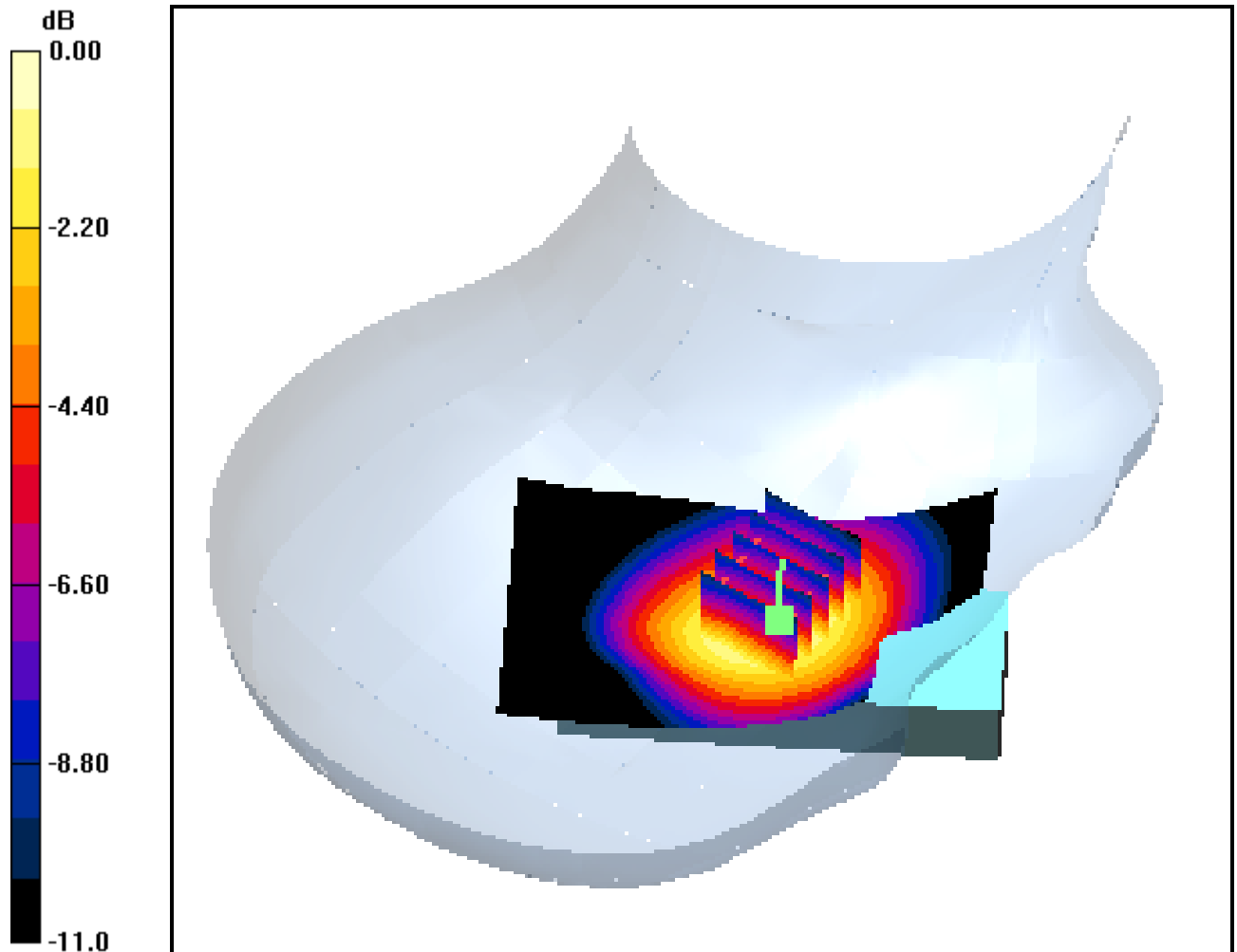
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.452 mW/g



0 dB = 0.727mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

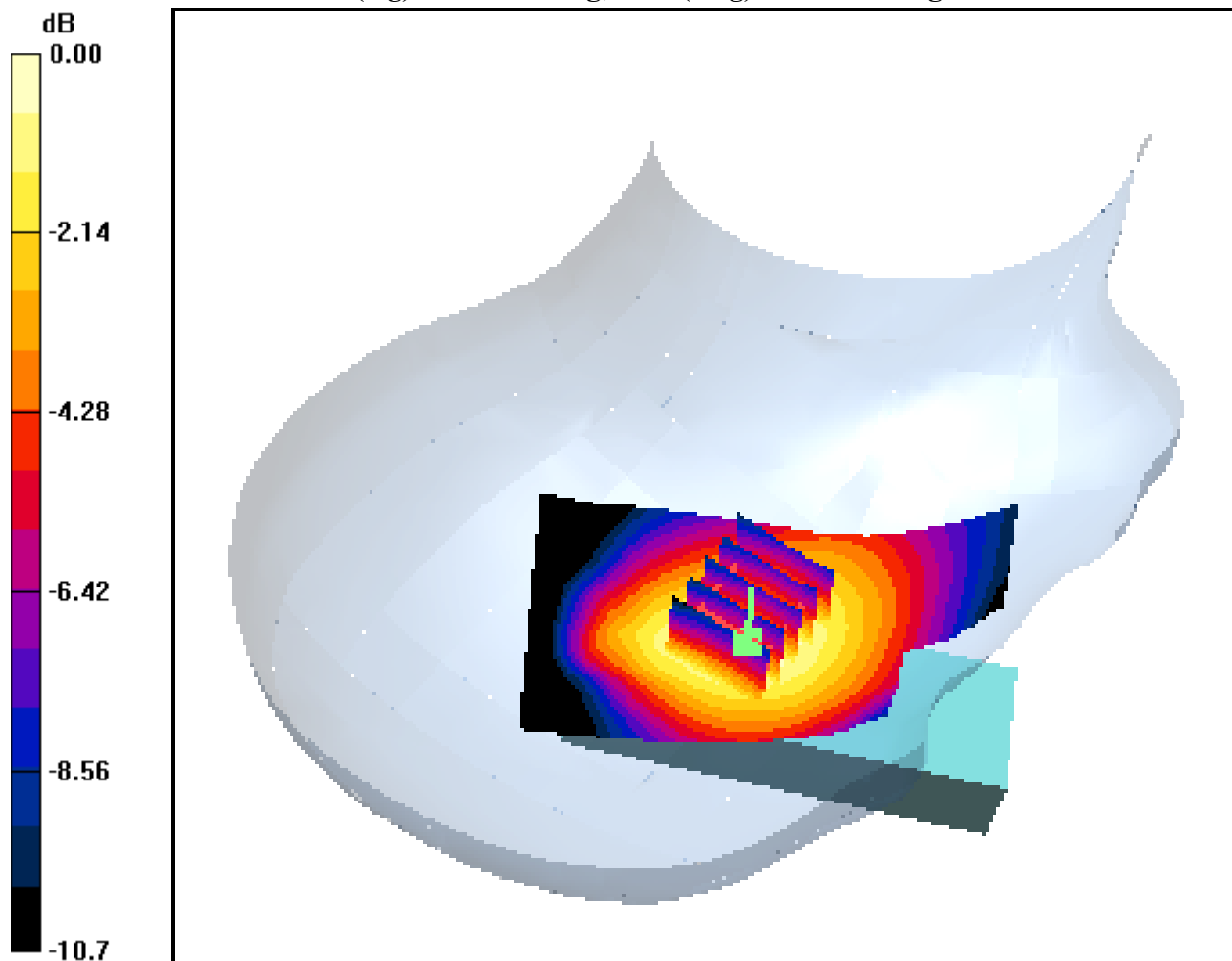
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.134 mW/g



0 dB = 0.205mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

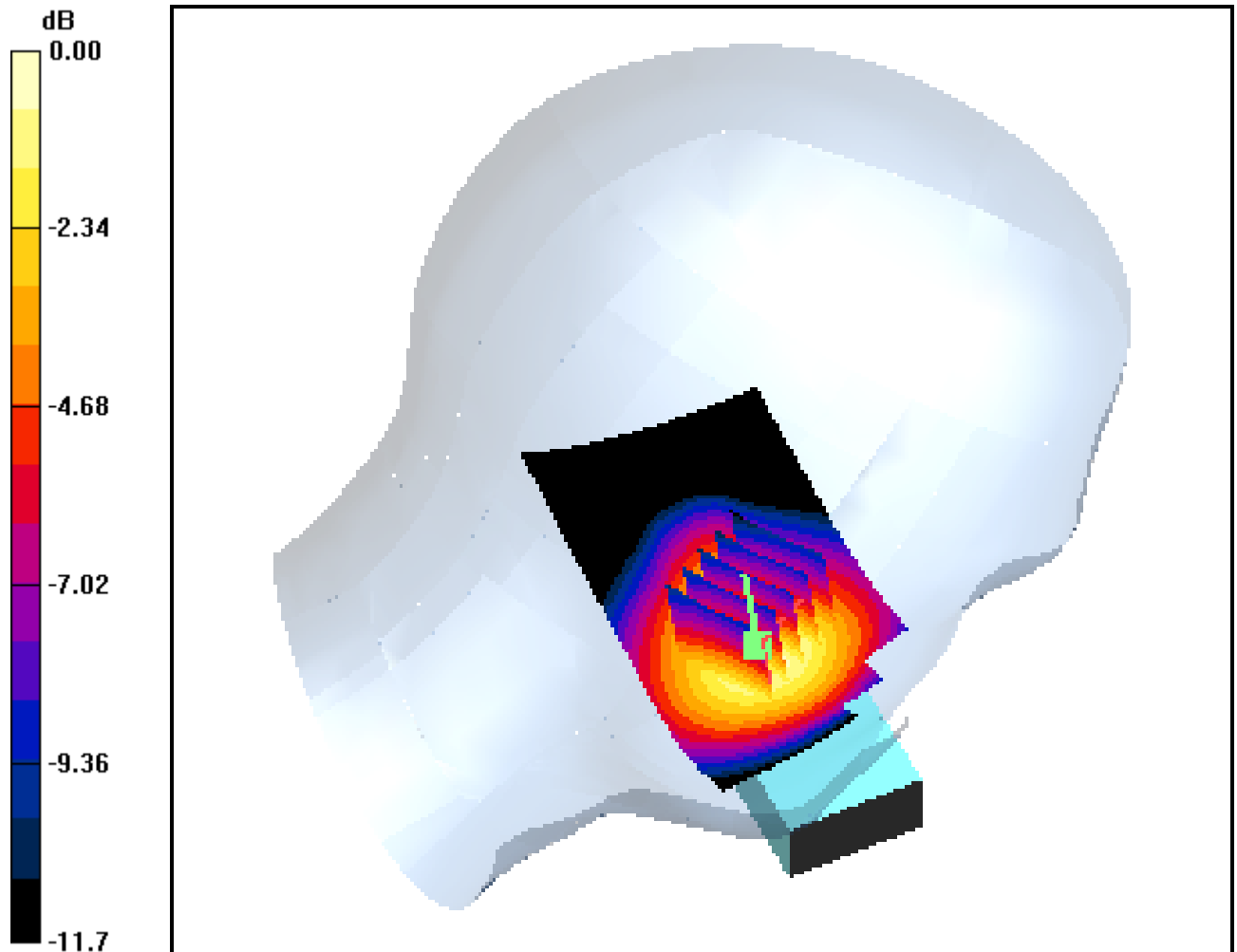
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.313 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.222 mW/g



0 dB = 0.359mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

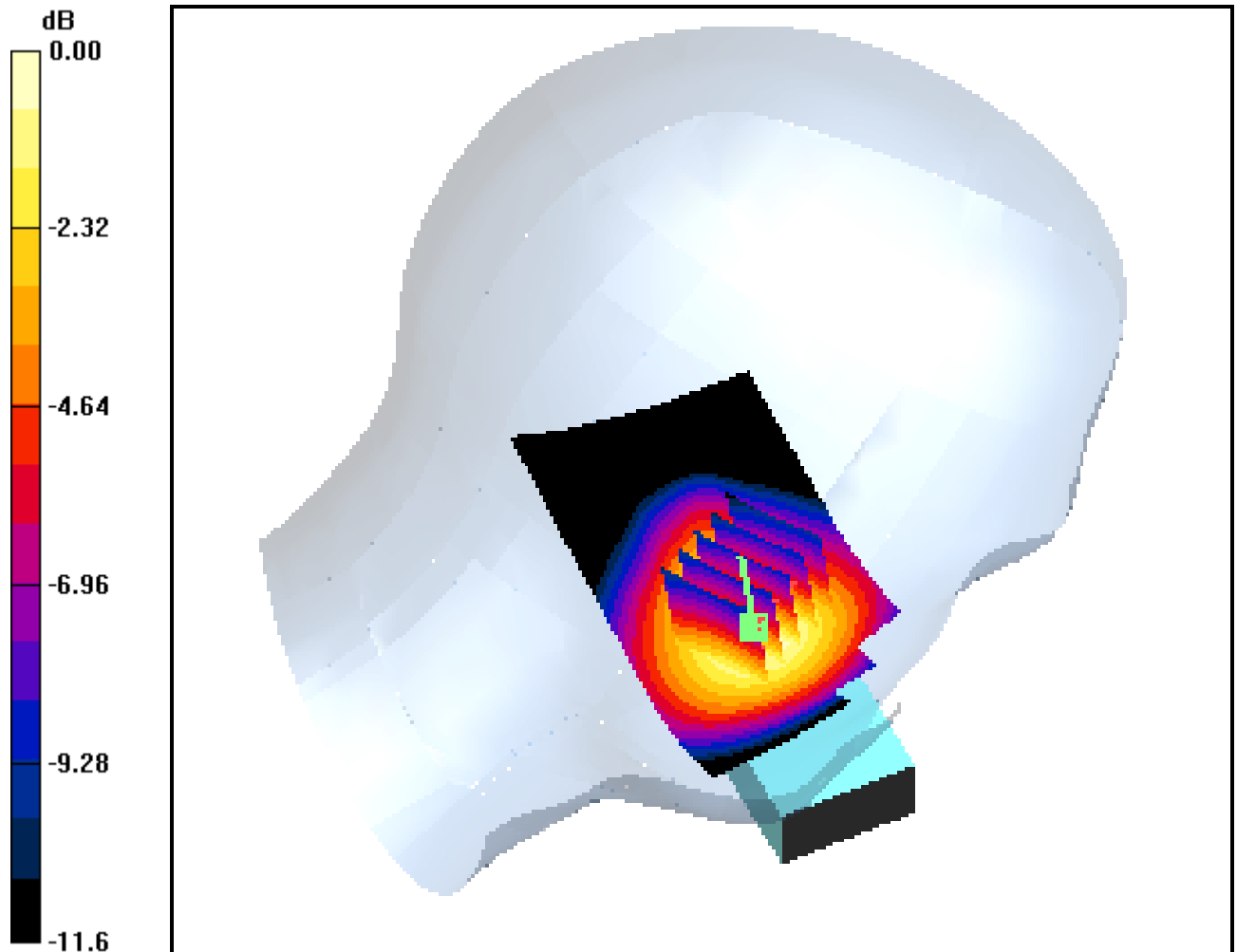
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.597 W/kg

SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.284 mW/g



0 dB = 0.447mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

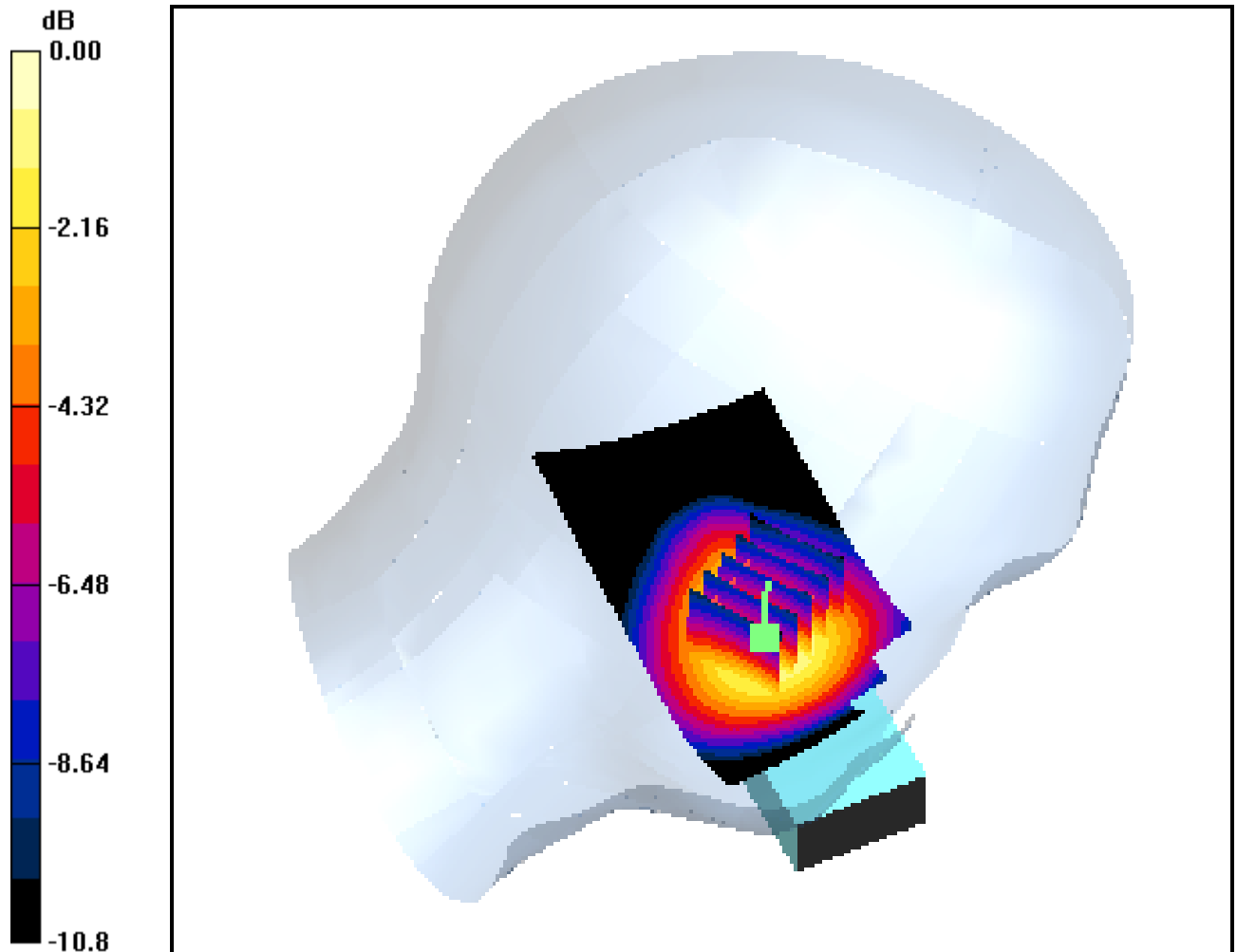
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.438 mW/g



0 dB = 0.702mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

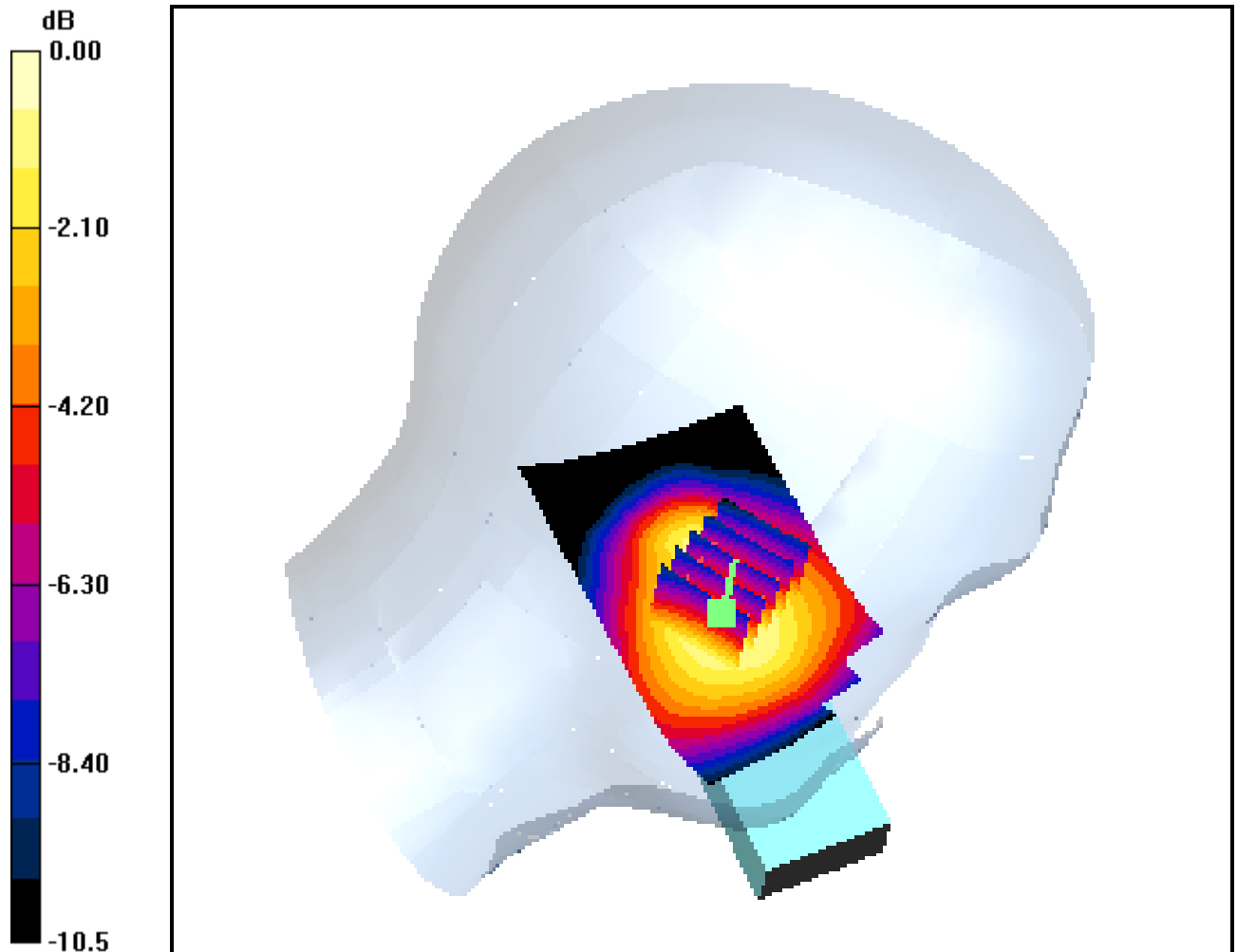
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.127 mW/g



0 dB = 0.195mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Right Touch Slide Up, GSM Ch.251, Ant Intenna, Extended Battery

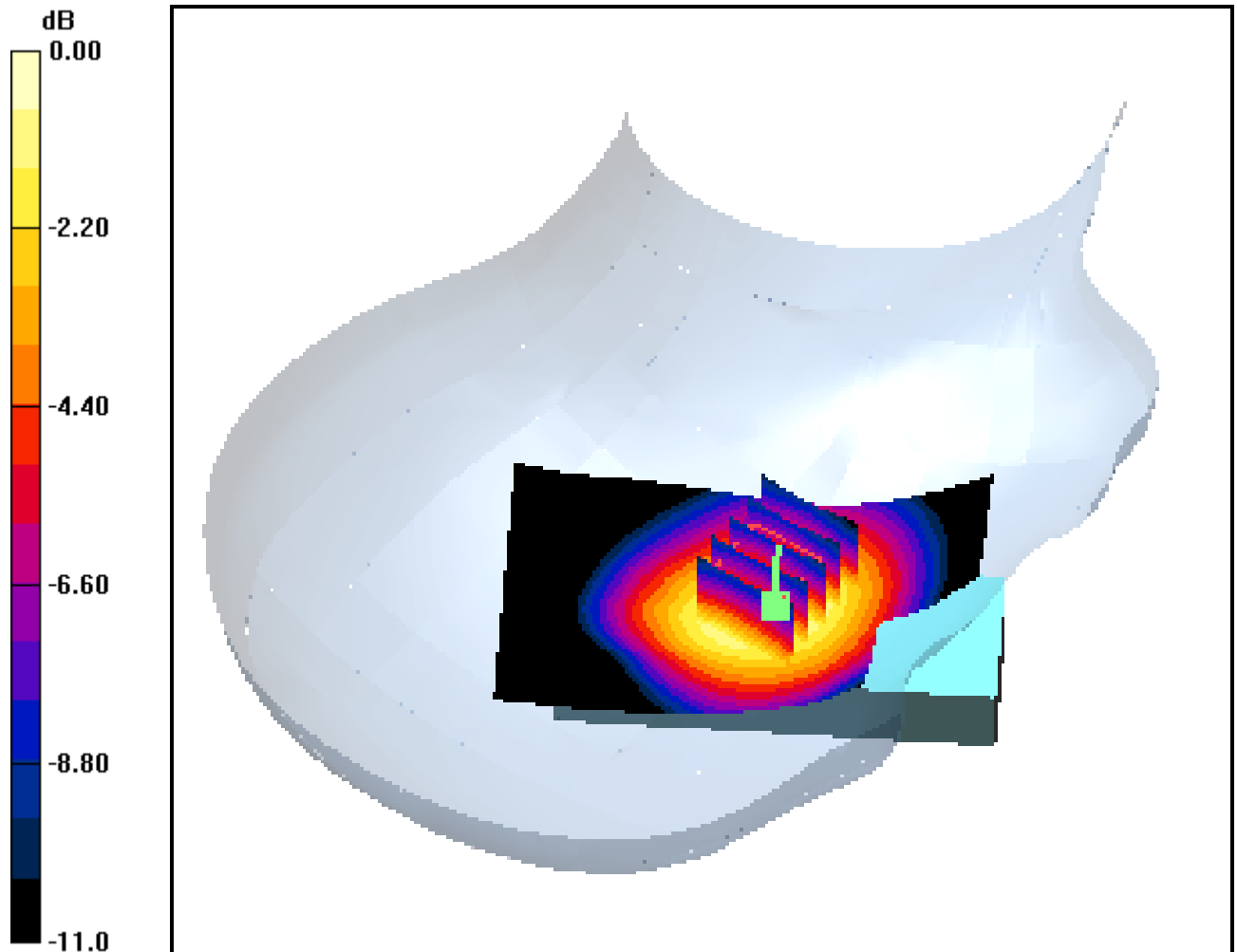
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.426 mW/g



0 dB = 0.682mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Right Touch Slide Up, GSM Ch.251, Ant Intenna, Standard Battery With BT ON

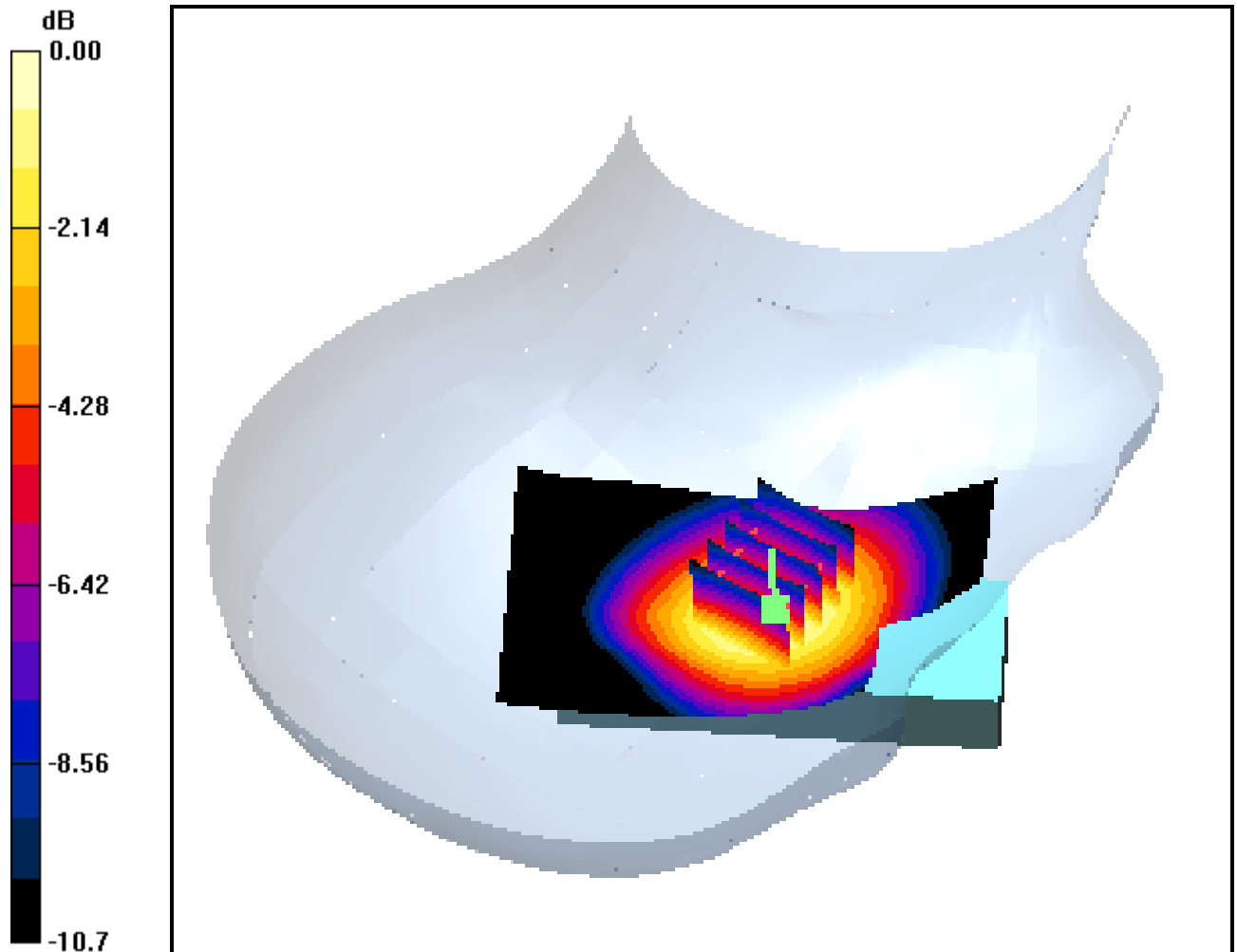
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.971 W/kg

SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.459 mW/g



0 dB = 0.729mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Left Touch Slide Up, GSM Ch.251, Ant Intenna, Extended Battery

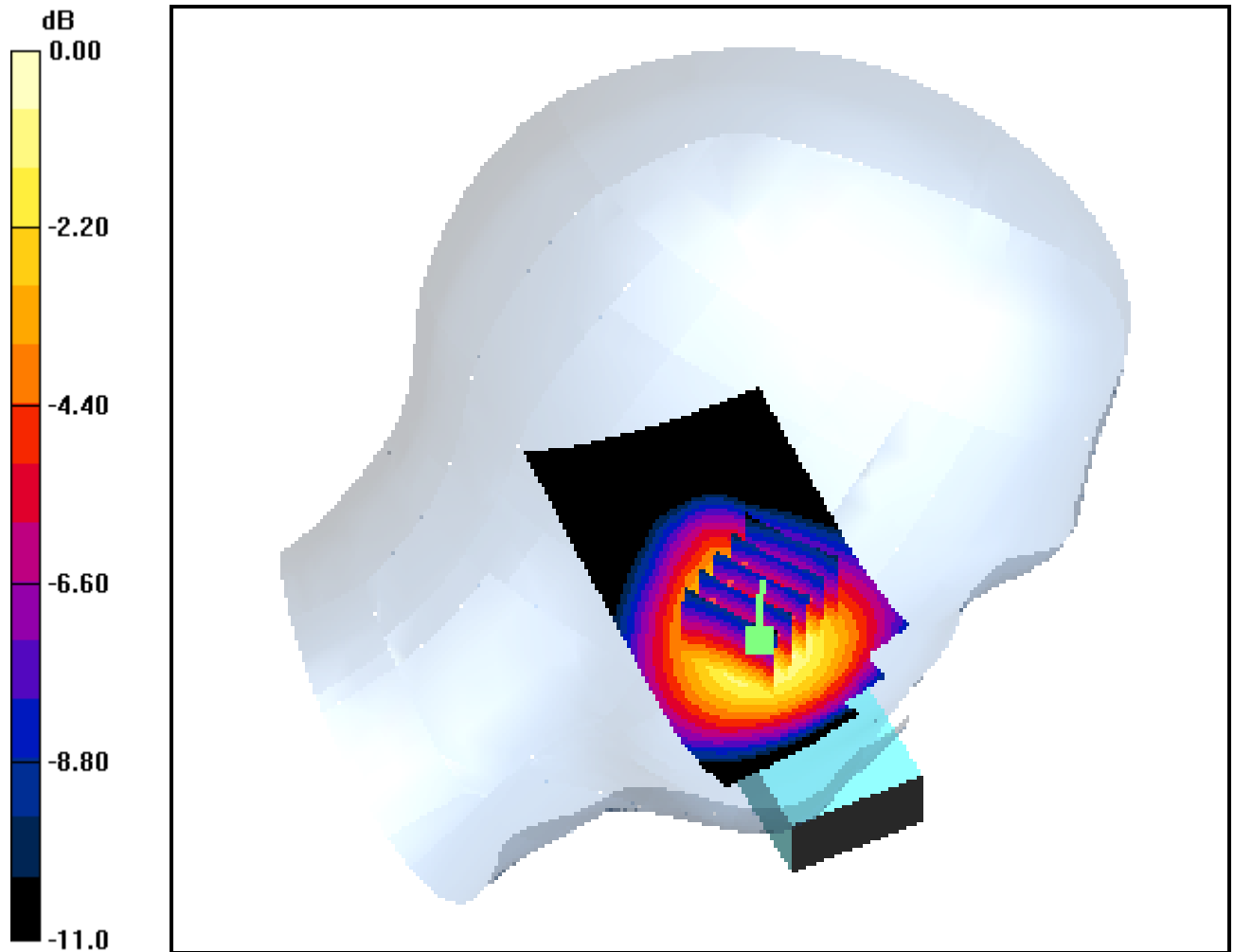
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.203 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.431 mW/g



0 dB = 0.688mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Left Touch Slide Up, GSM Ch.251, Ant Intenna, Standard Battery With BT ON

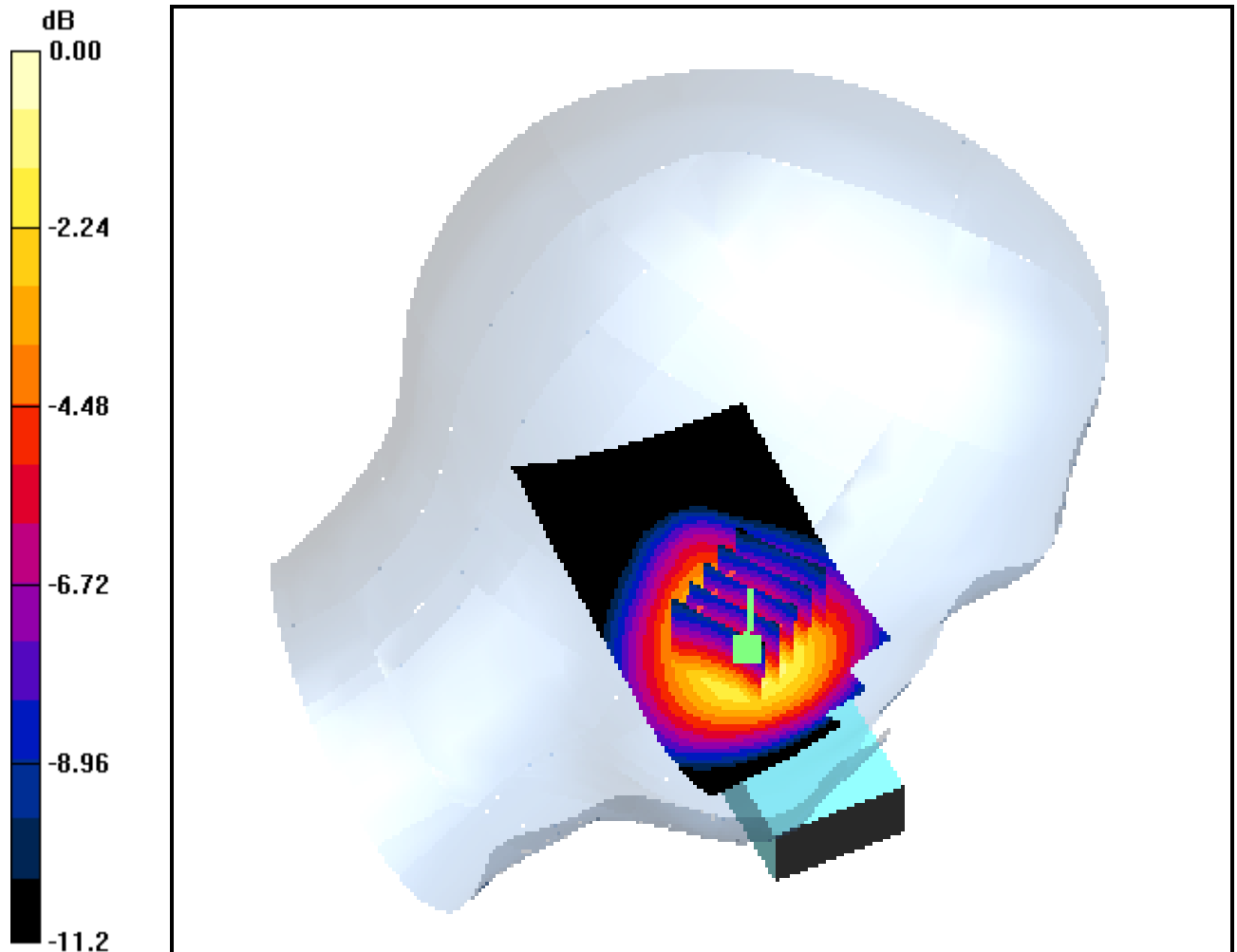
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.439 mW/g



0 dB = 0.738mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

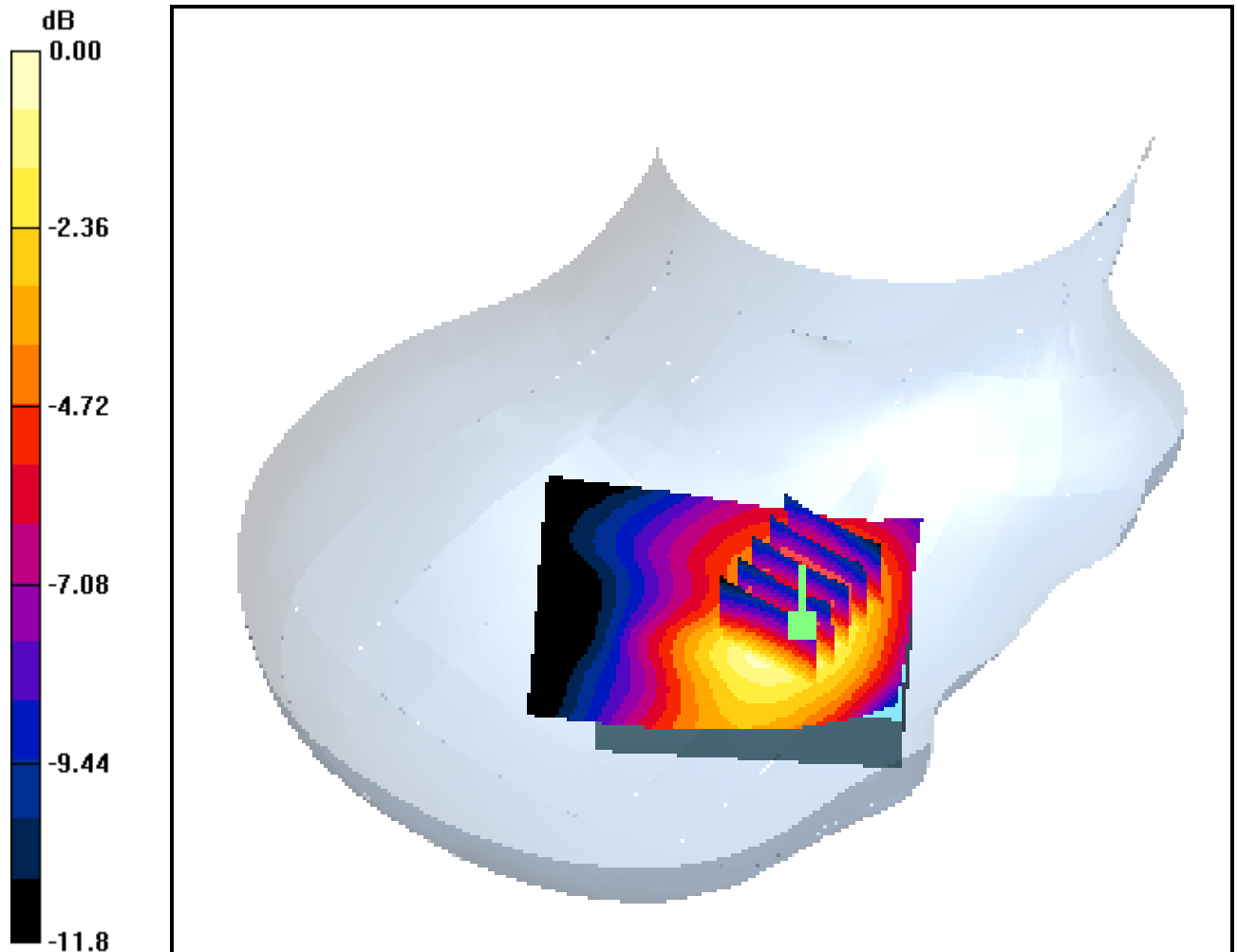
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.163 W/kg

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



0 dB = 0.111mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

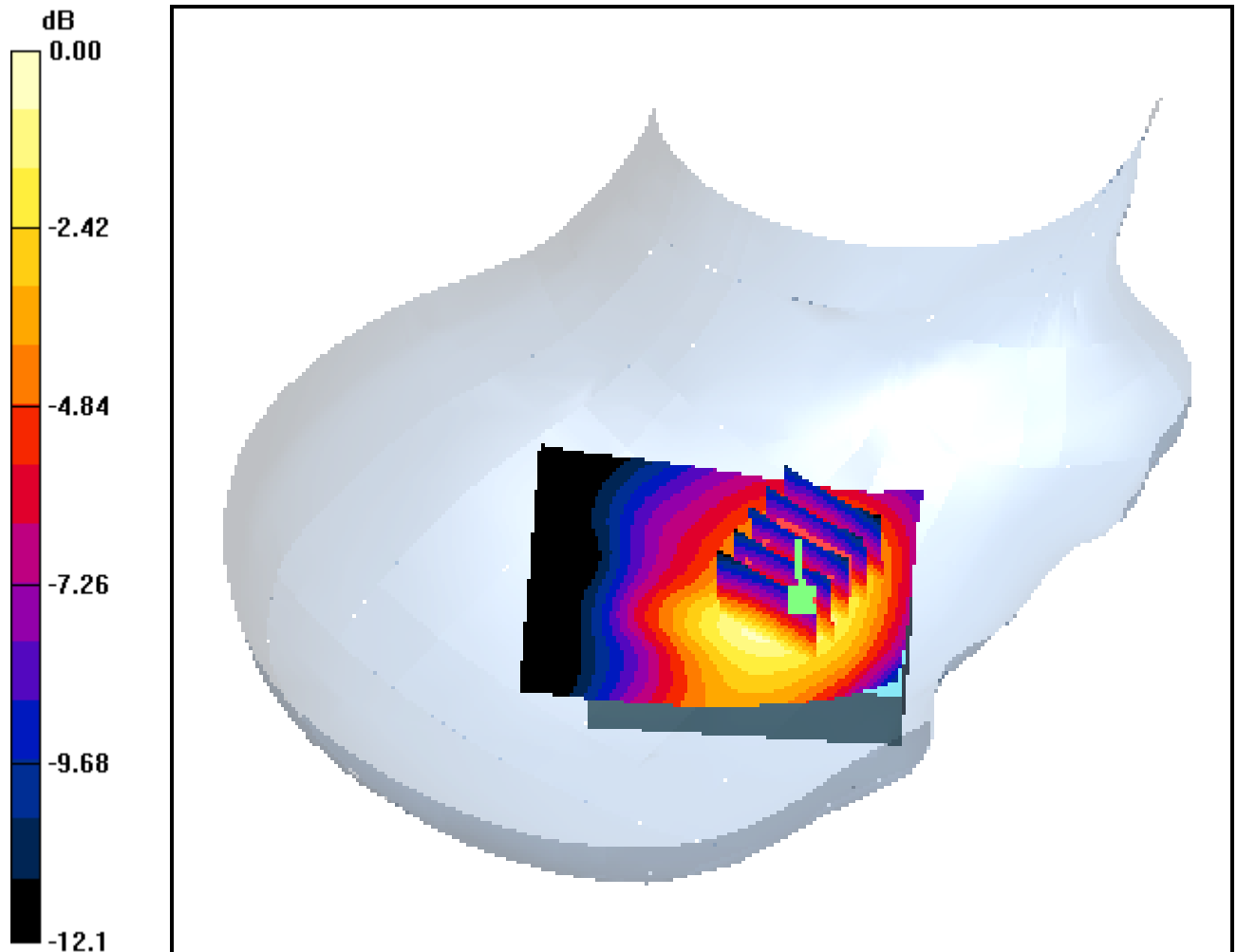
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.077 mW/g



0 dB = 0.133mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

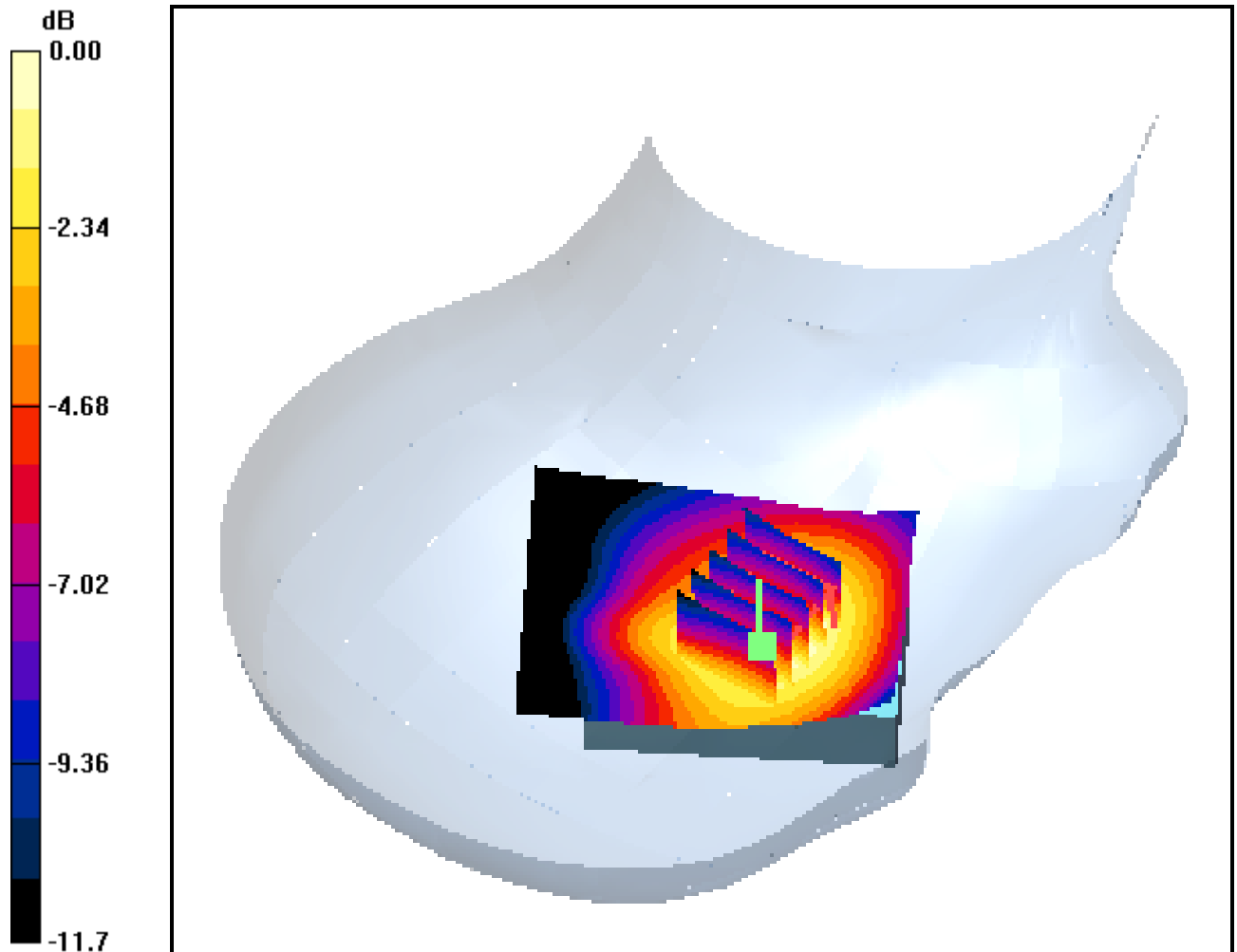
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.088 mW/g



0 dB = 0.140mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

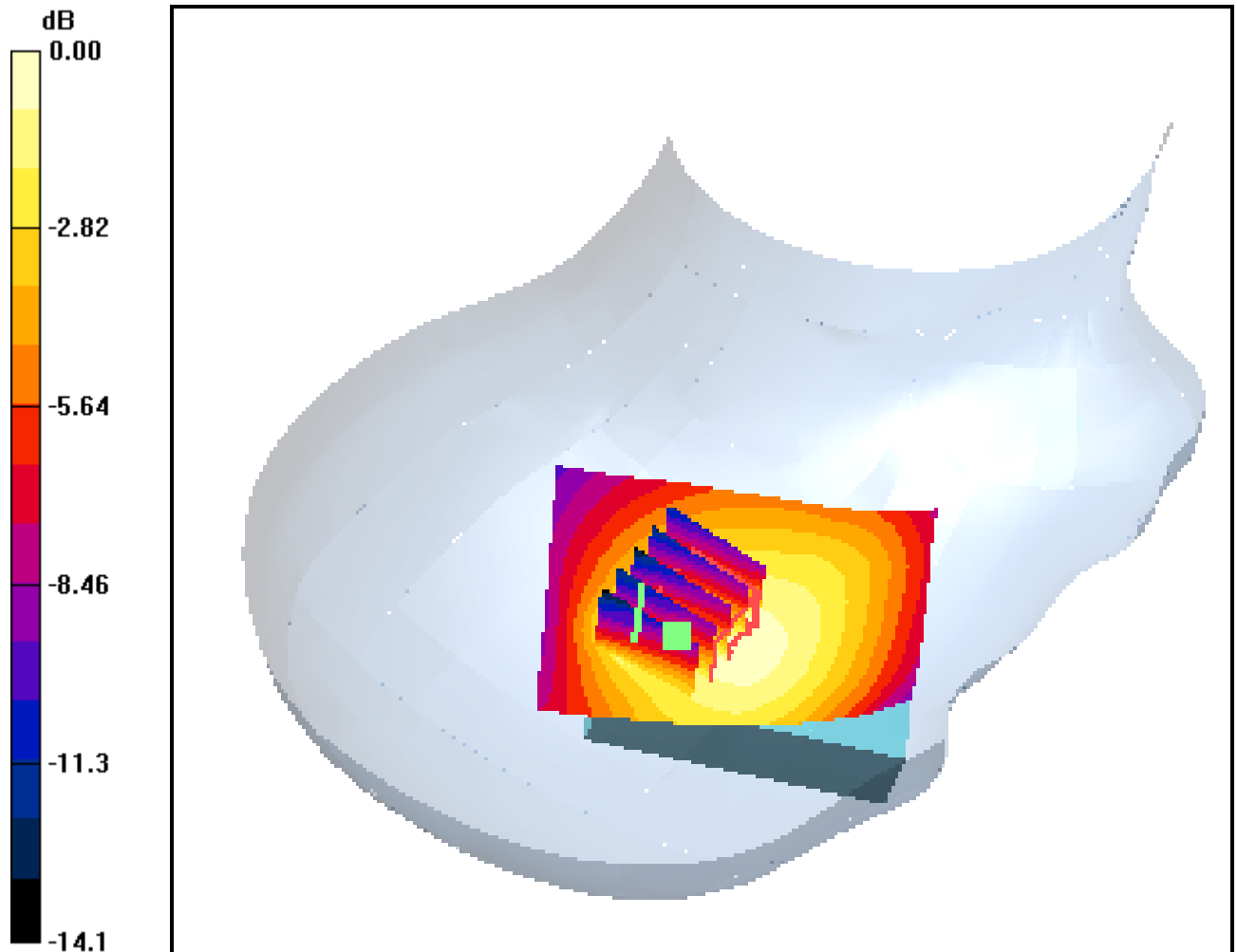
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.041 mW/g



0 dB = 0.067mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

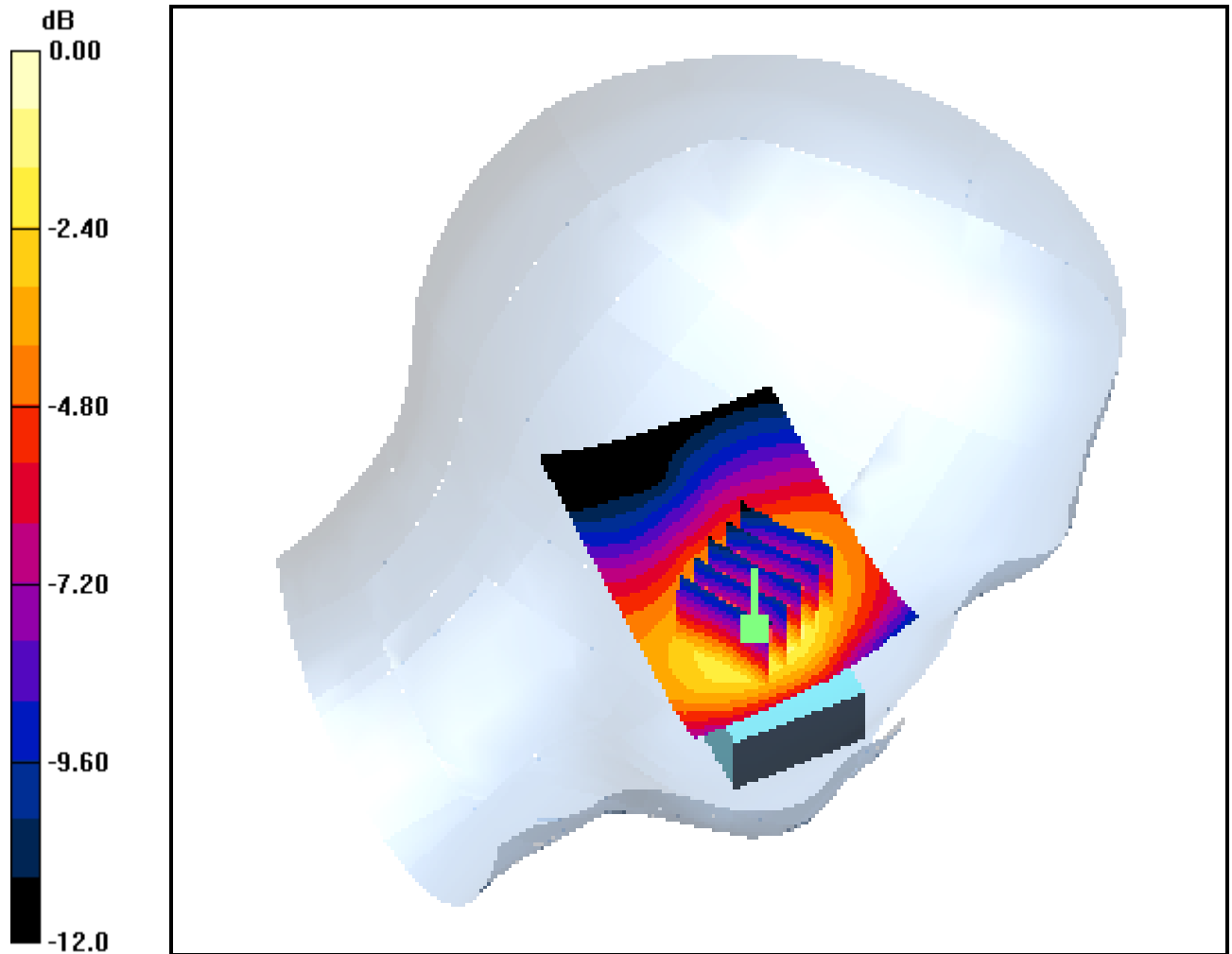
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.335 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.057 mW/g



0 dB = 0.101mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

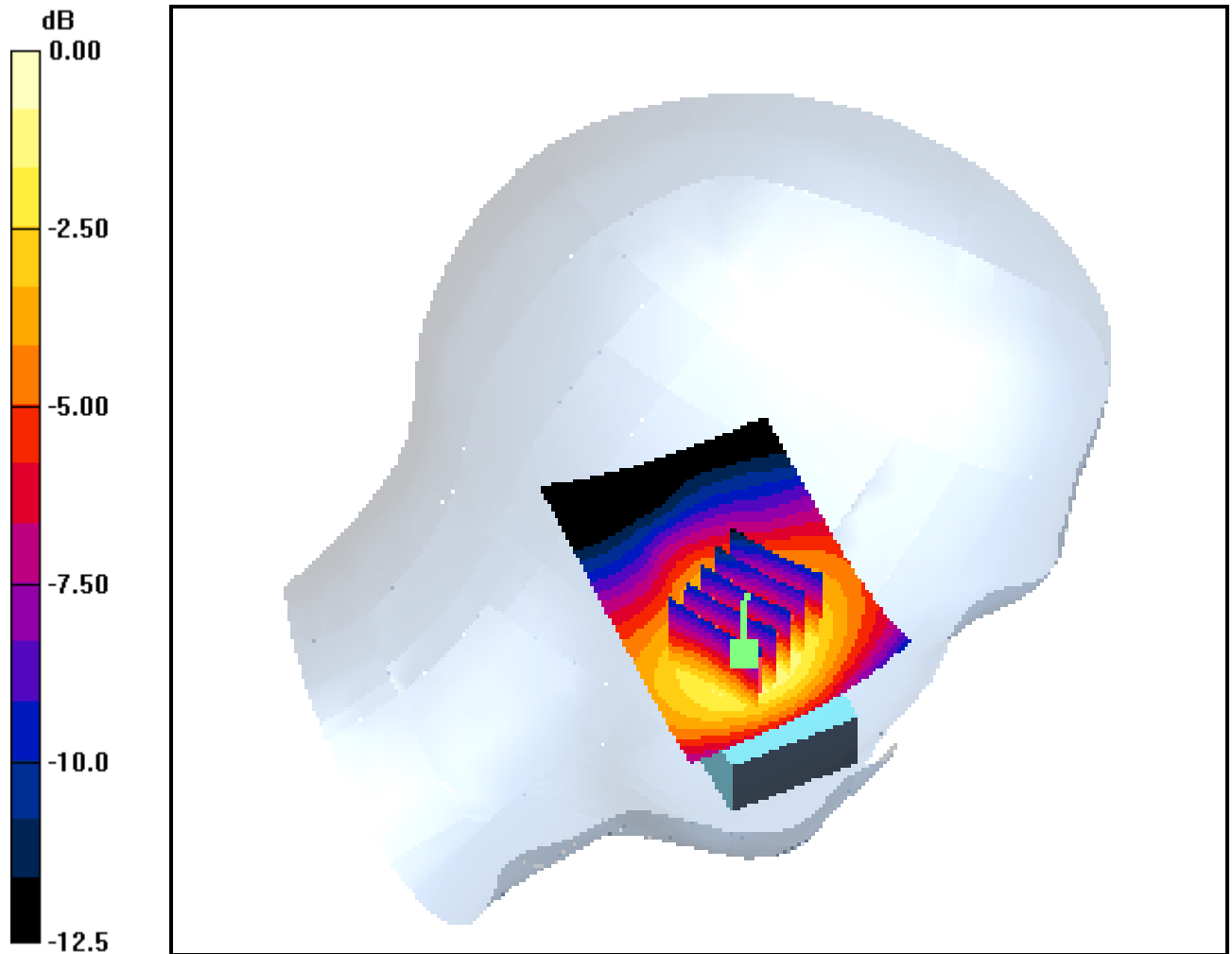
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.068 mW/g



0 dB = 0.115mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

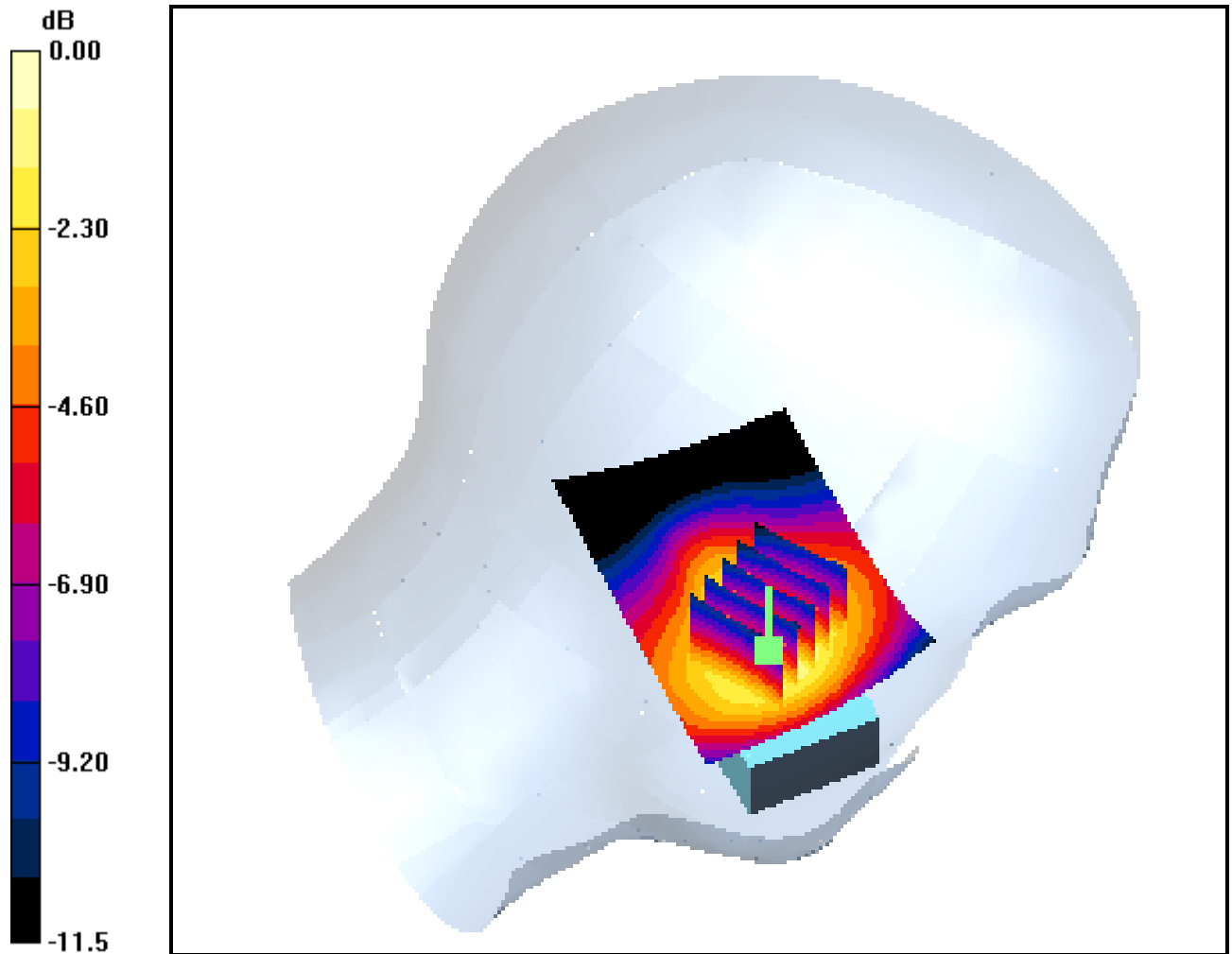
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.204 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.087 mW/g



0 dB = 0.144mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.905 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

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

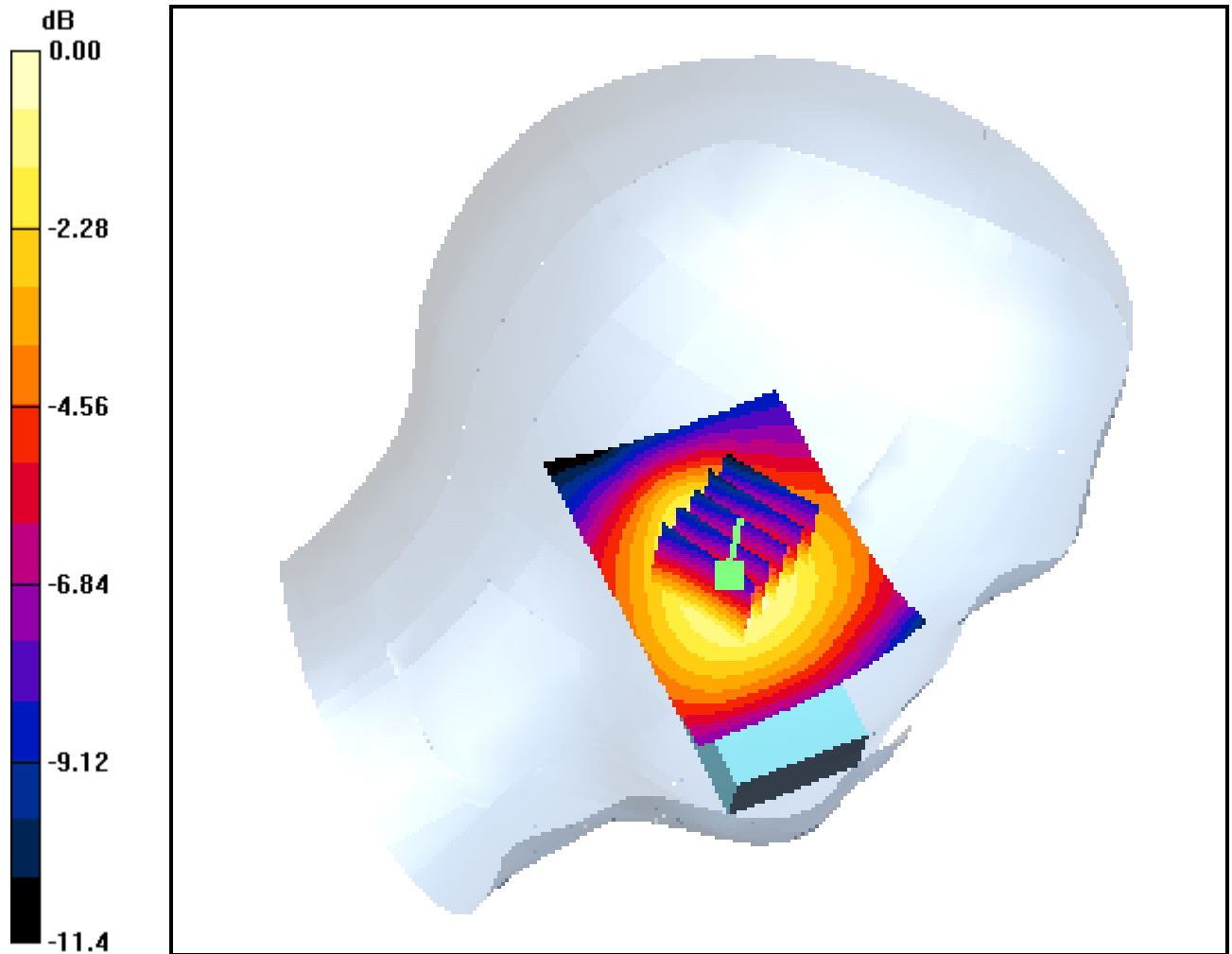
TiltArea Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.040 mW/g



0 dB = 0.064mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Right Touch Slide Down, GSM Ch.251, Ant Intenna, Extended Battery

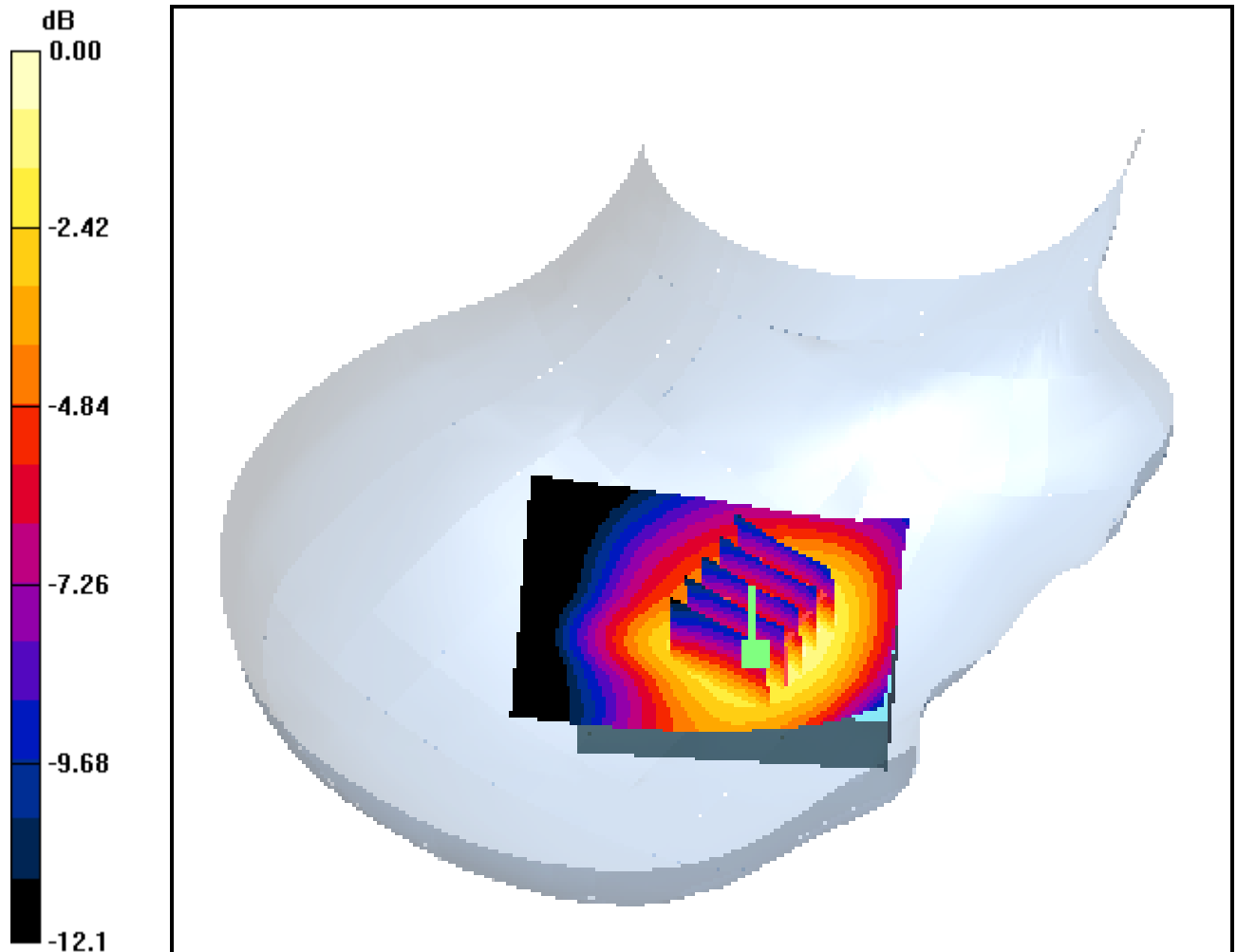
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.090 mW/g



0 dB = 0.145mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Right Touch Slide Down, GSM Ch.251, Ant Intenna, Extended Battery With BT ON

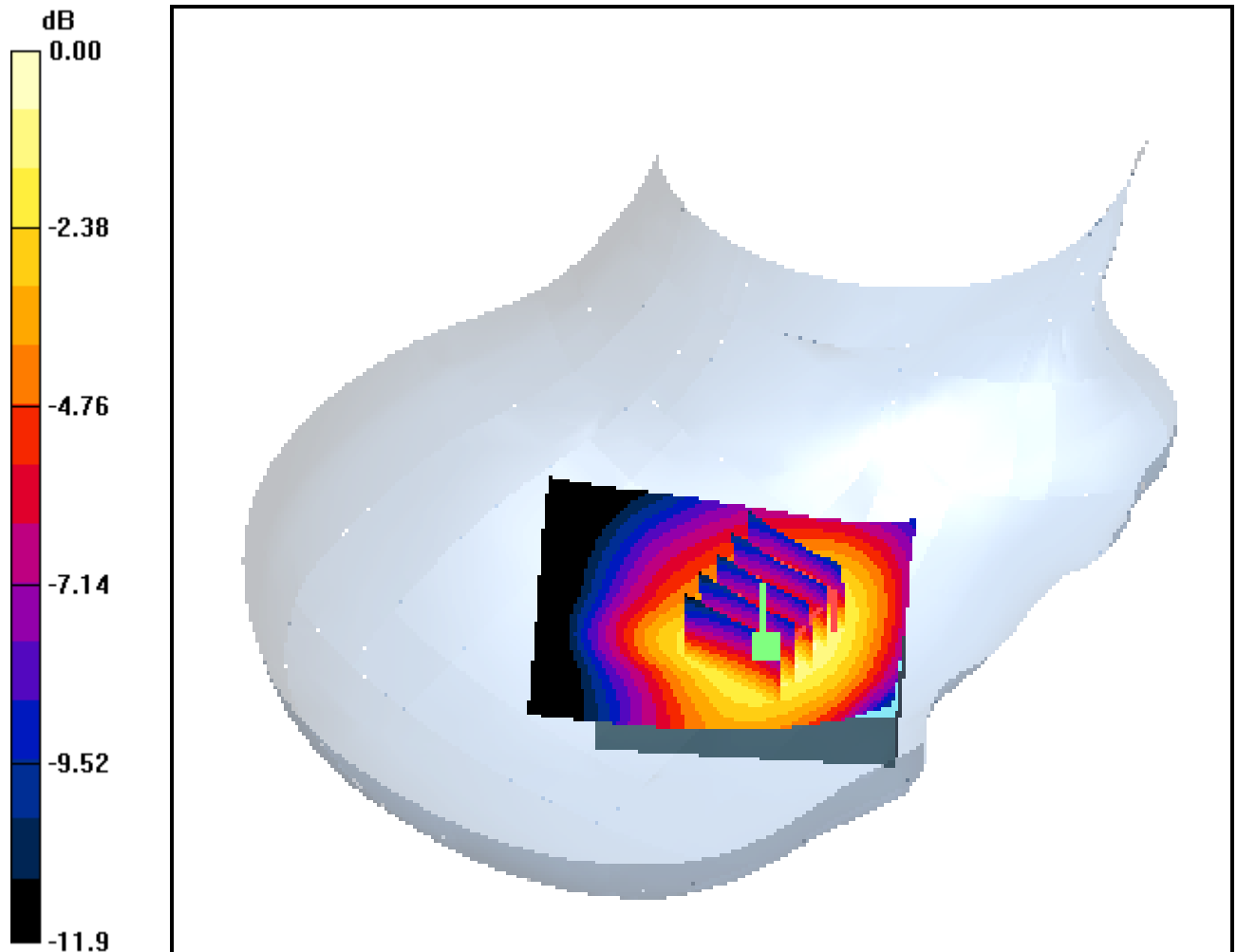
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.085 mW/g



0 dB = 0.137mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Left Touch Slide Down, GSM Ch.251, Ant Intenna, Extended Battery

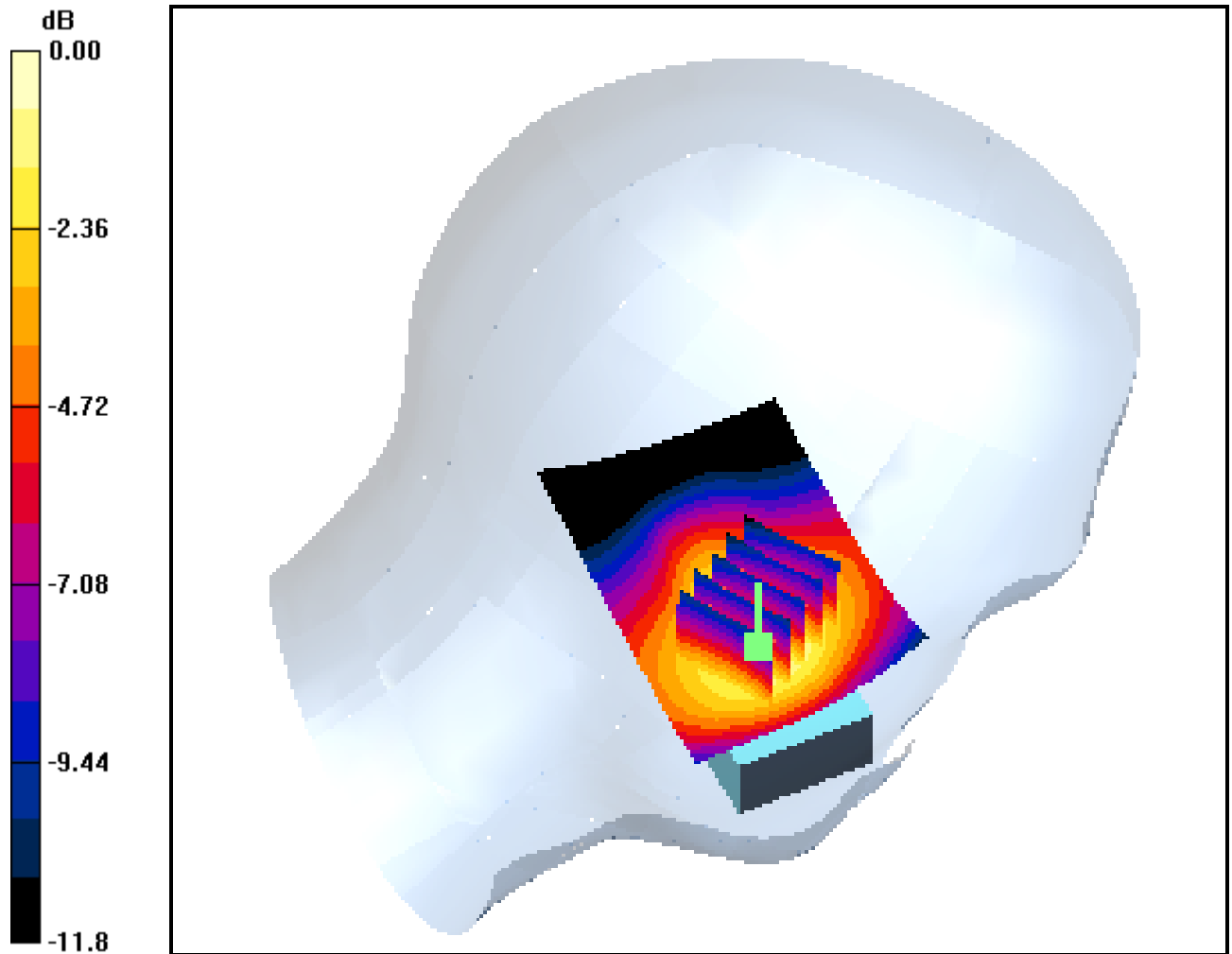
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.086 mW/g



0 dB = 0.144mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.916 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.51, 6.51, 6.51); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-15; Ambient Temp: 22.0; Tissue Temp: 21.0

Left Touch Slide Down, GSM Ch.251, Ant Intenna, Extended Battery With BT ON

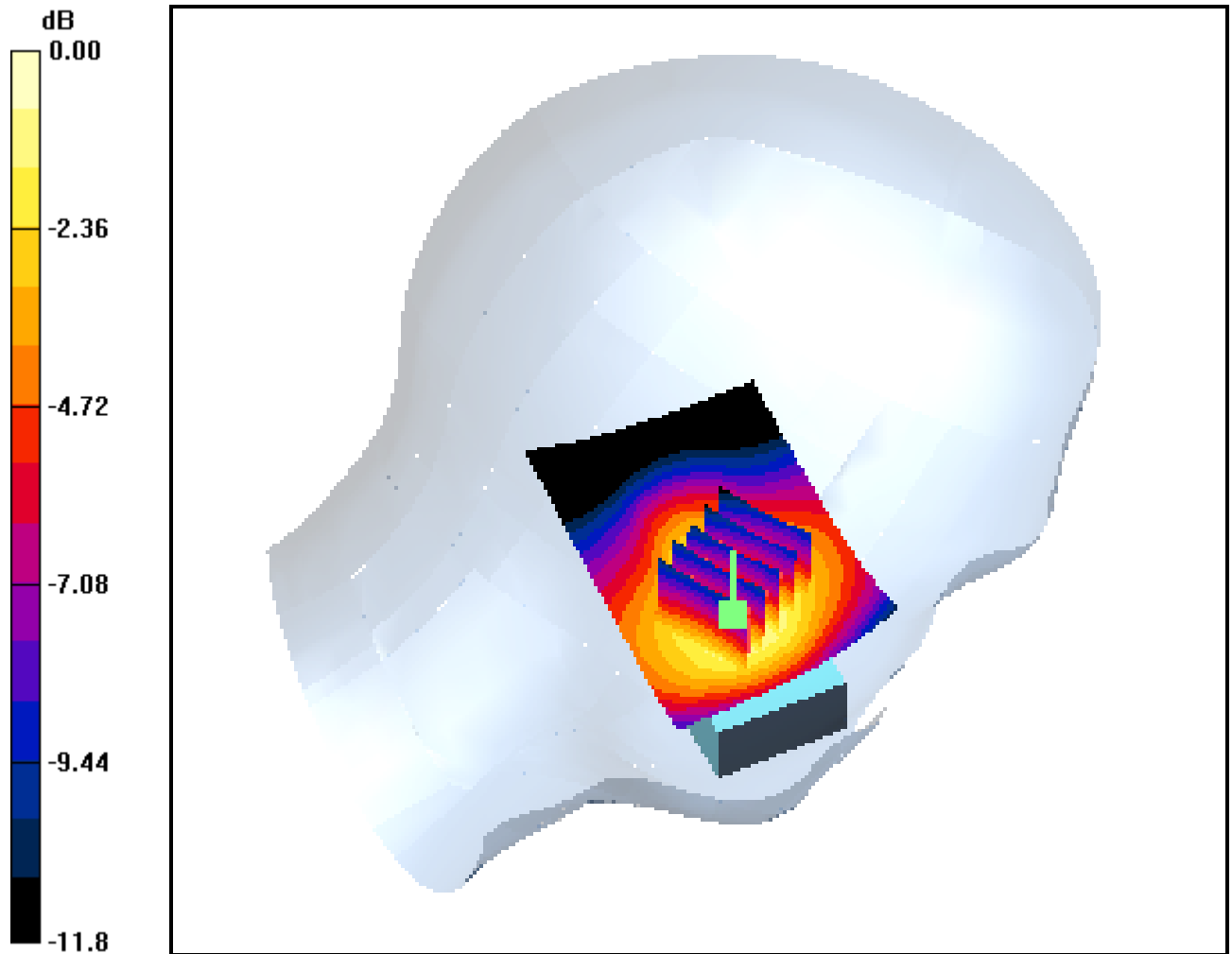
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.083 mW/g



0 dB = 0.137mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.989$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-23; Ambient Temp: 22.5; Tissue Temp: 22.0

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

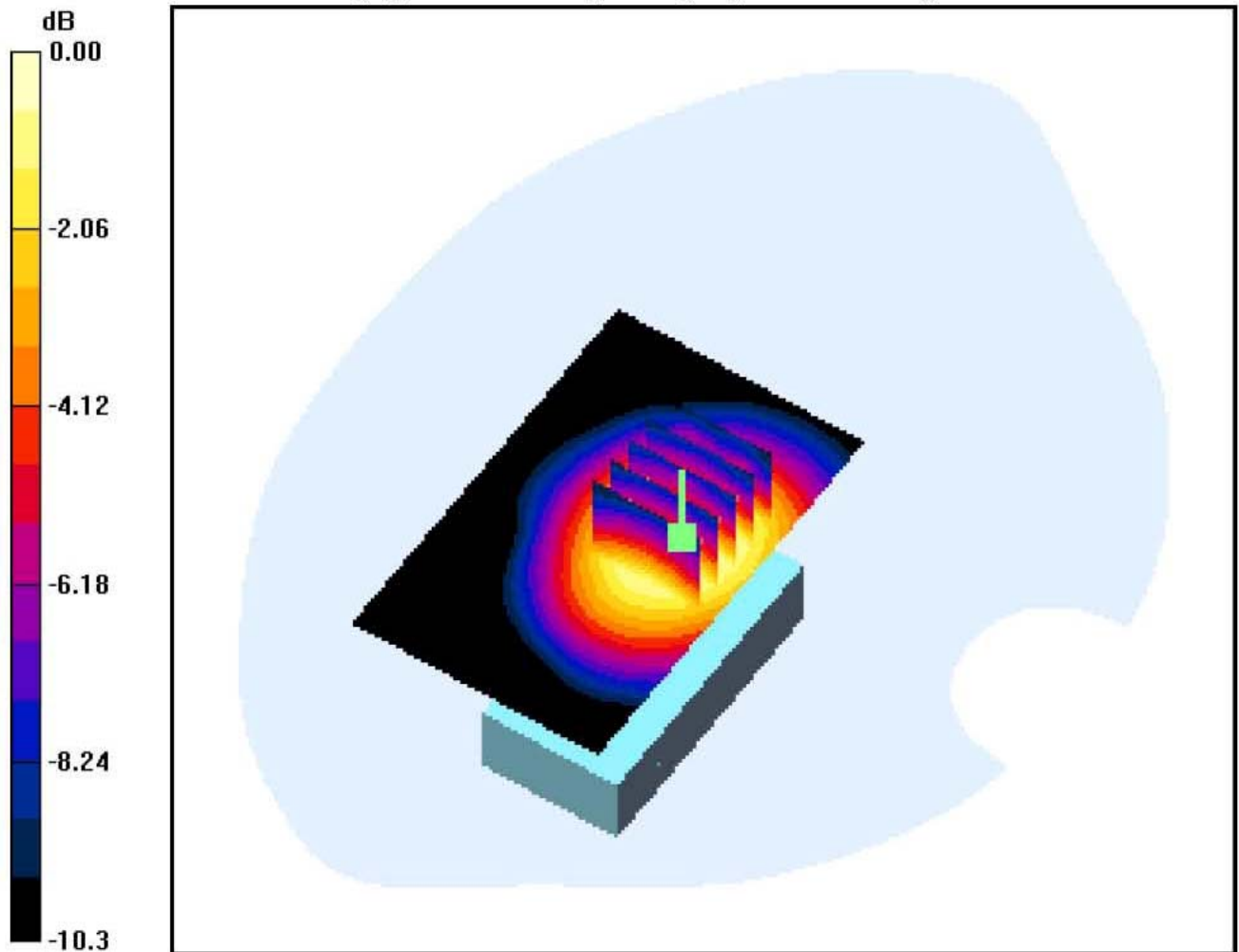
Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.050 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.068 mW/g



0 dB = 0.106mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-23; Ambient Temp: 22.5; Tissue Temp: 22.0

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

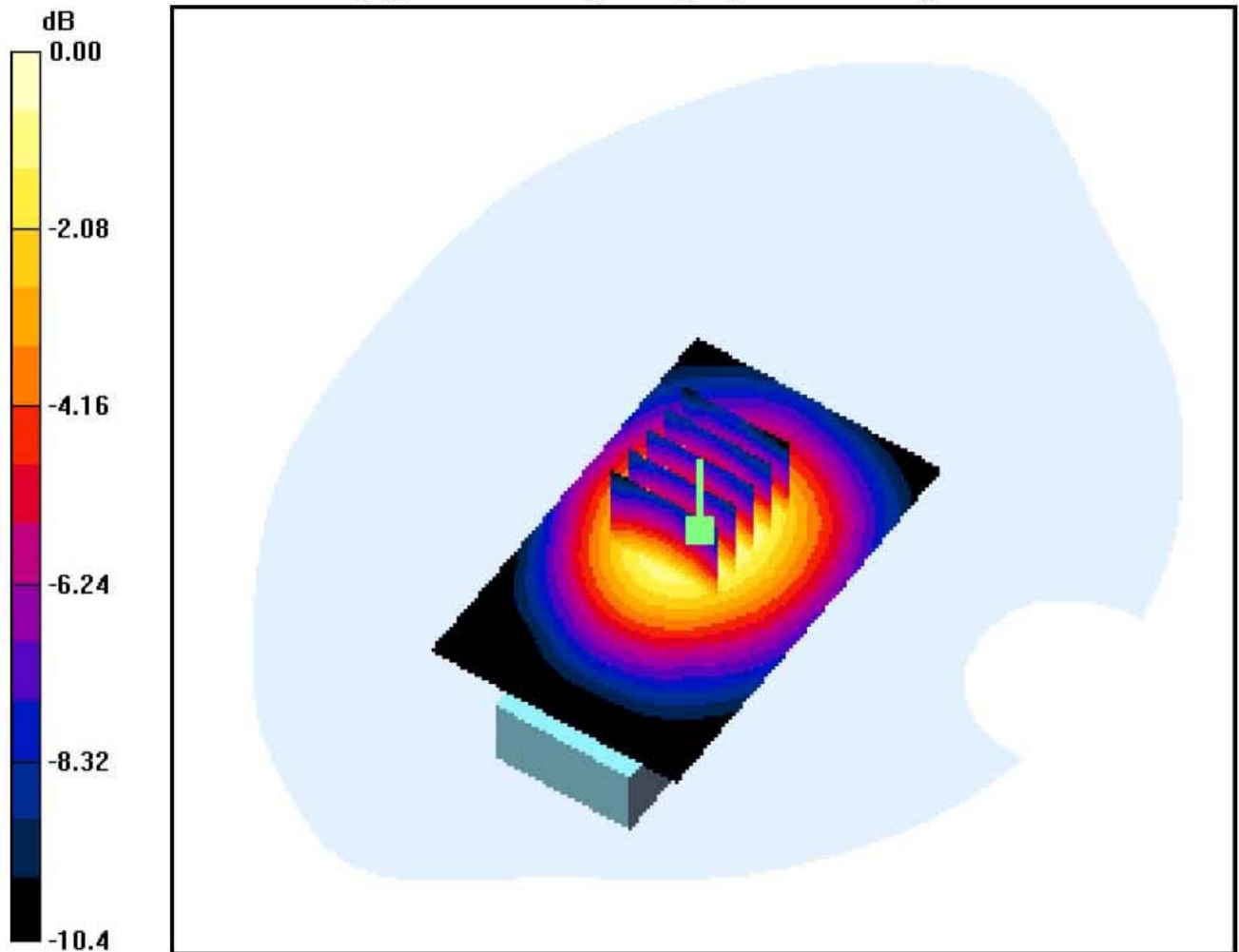
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.068 mW/g



0 dB = 0.107mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-23; Ambient Temp: 22.5; Tissue Temp:

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

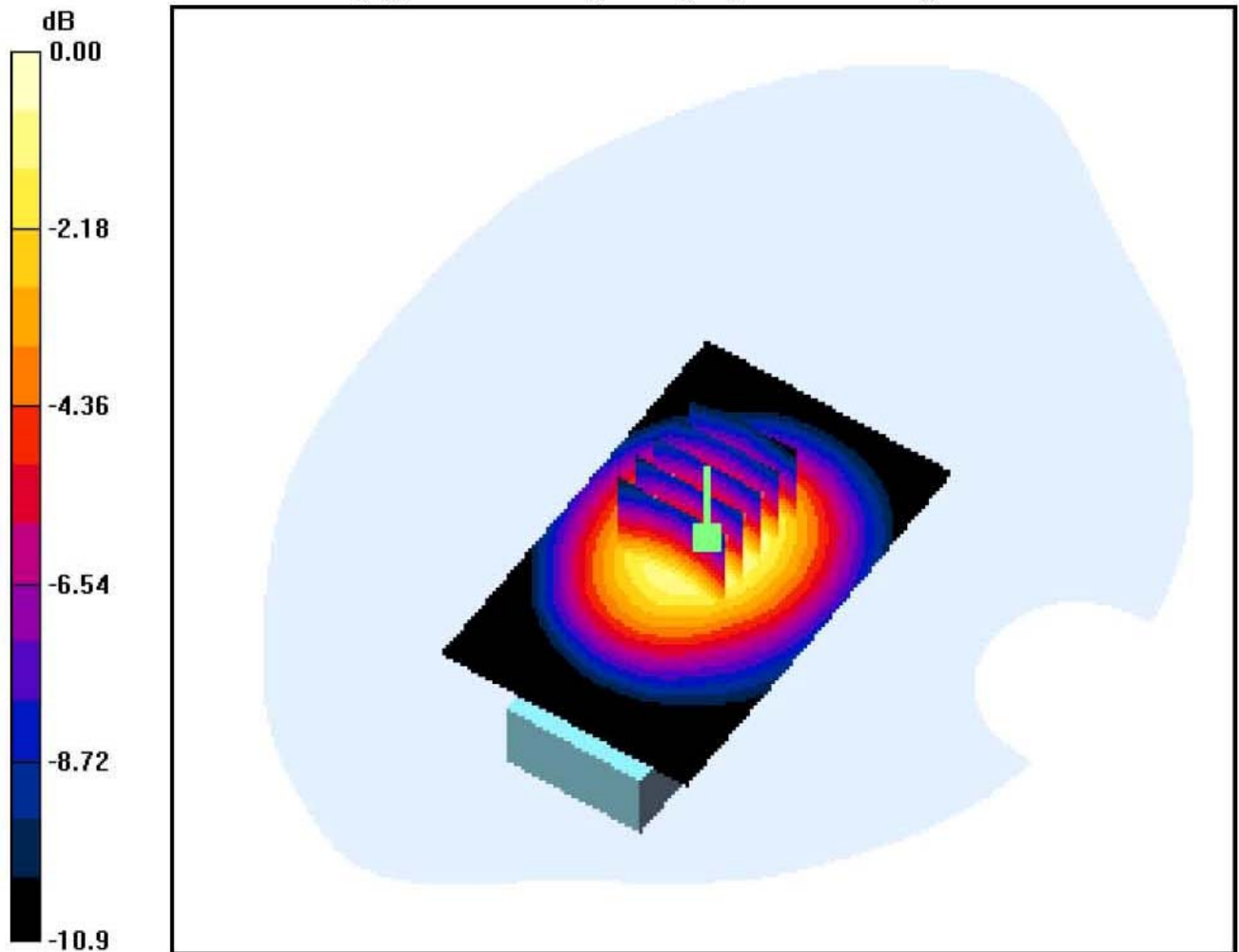
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.077 dB

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.112 mW/g



0 dB = 0.176mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-23; Ambient Temp: 22.5; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.251, Ant Intenna, Extended Battery

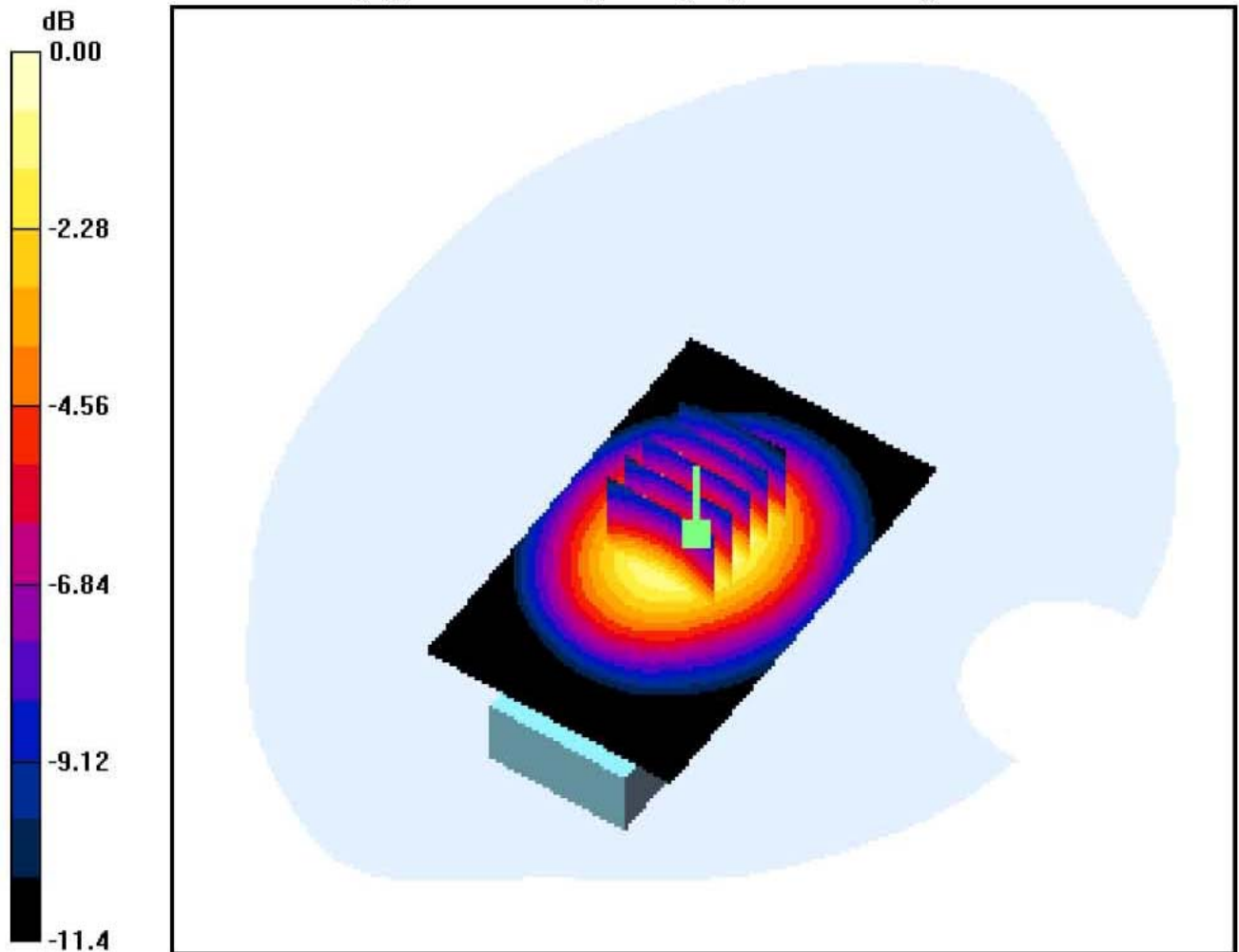
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.235 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.112 mW/g



0 dB = 0.181mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(6.39, 6.39, 6.39); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-02-23; Ambient Temp: 22.5; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.251, Ant Intenna, Extended Battery With BT ON

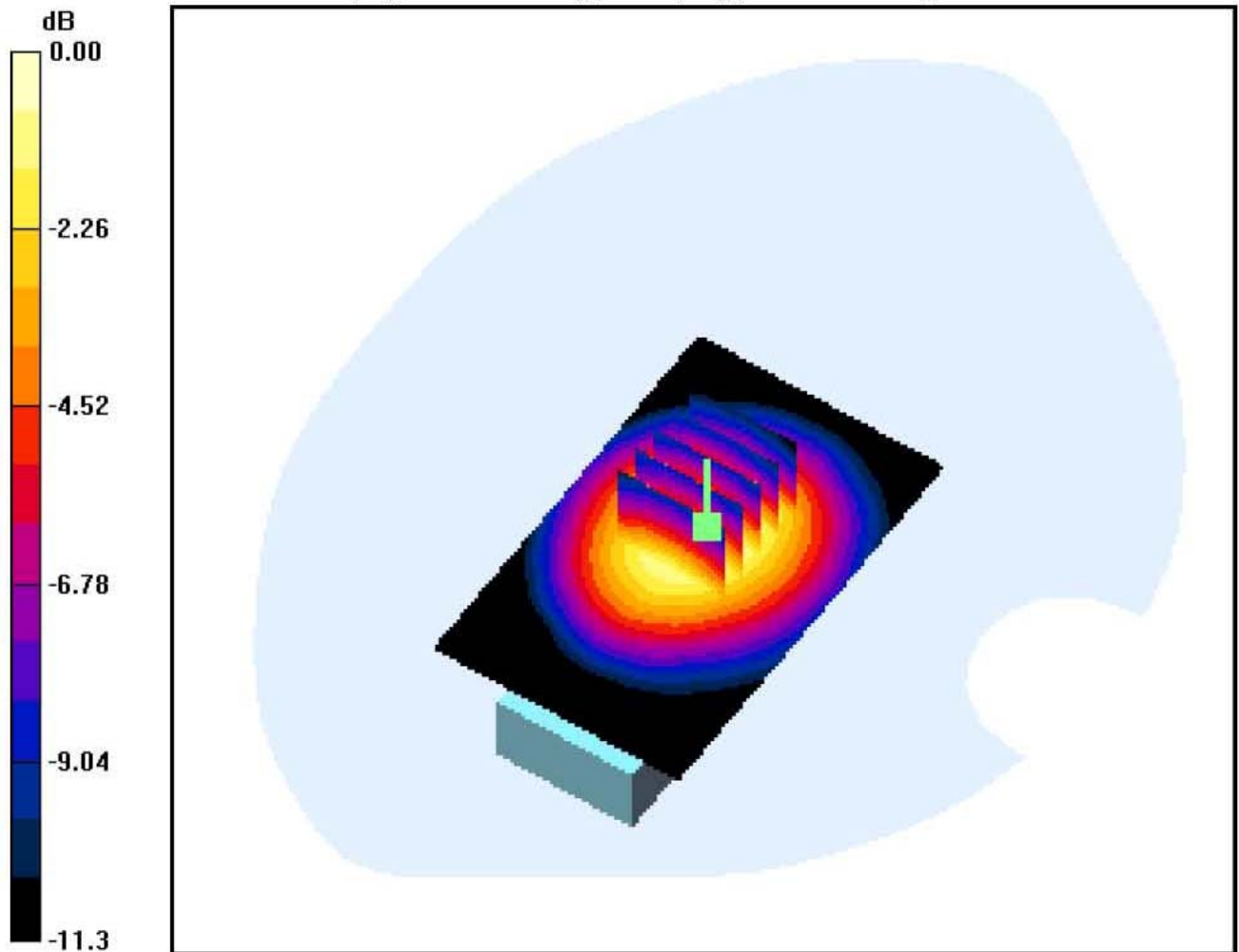
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.105 mW/g



0 dB = 0.168mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

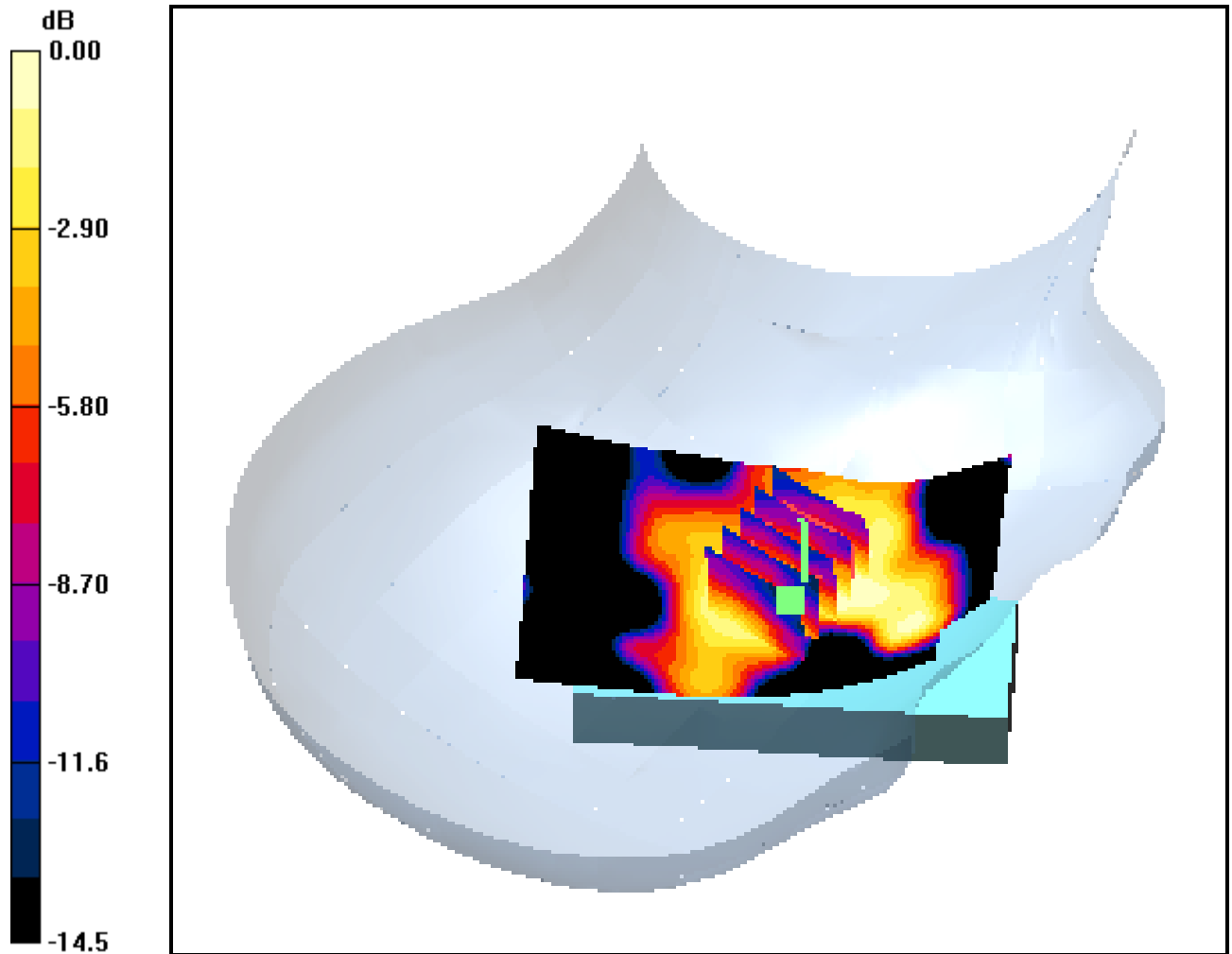
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.133 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.055 mW/g



0 dB = 0.096mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

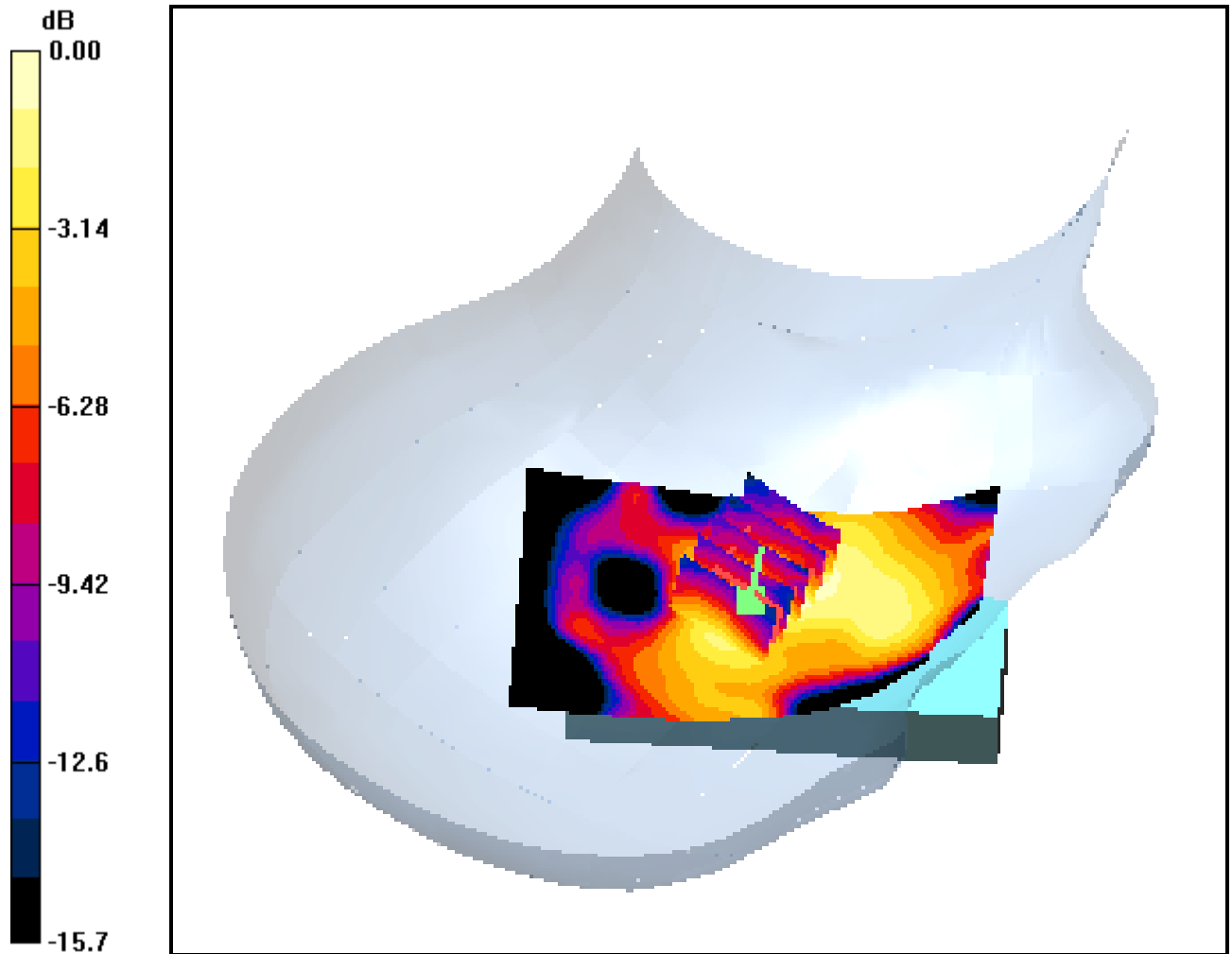
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.181 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.043 mW/g



0 dB = 0.078mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

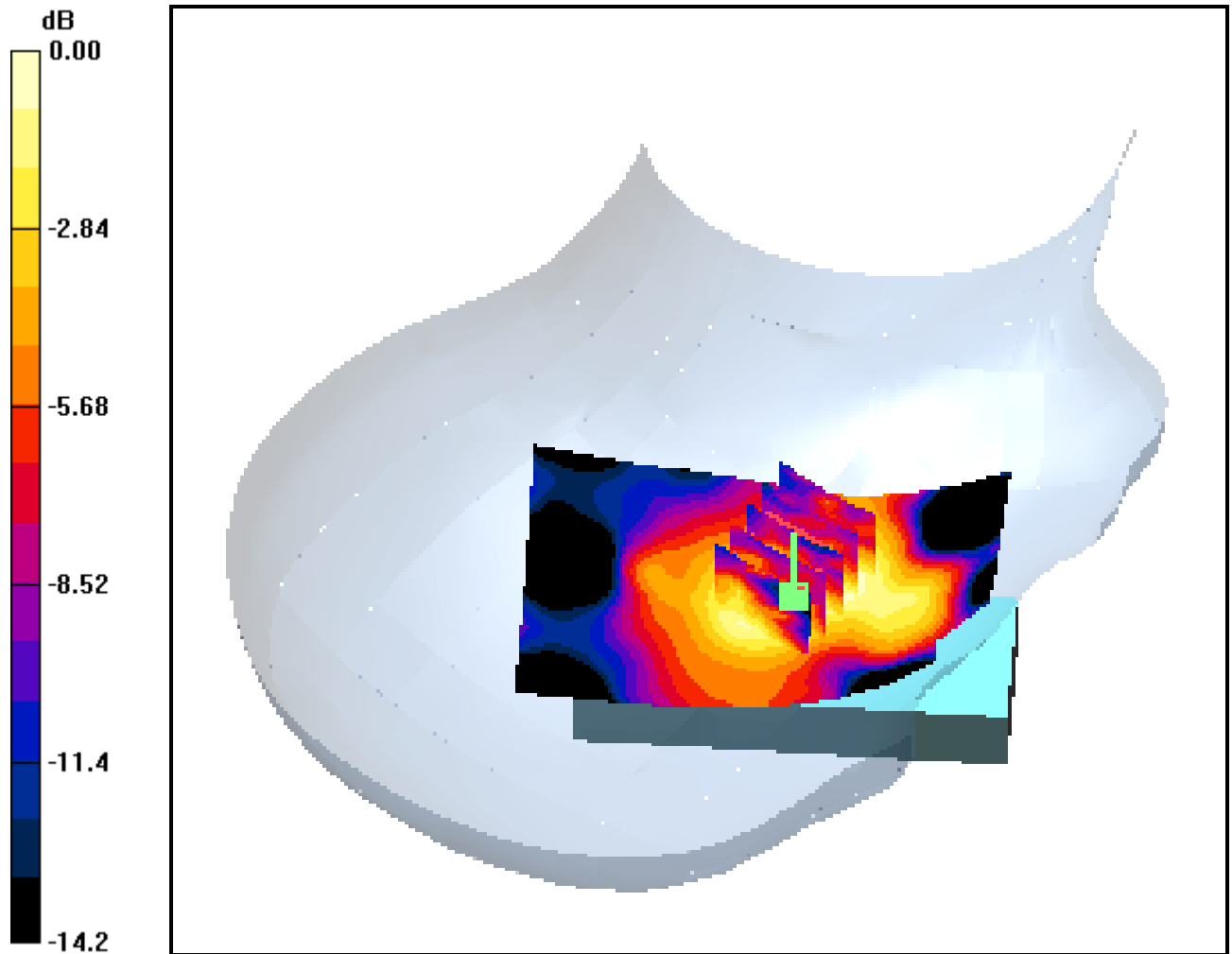
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.049 mW/g



0 dB = 0.081mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

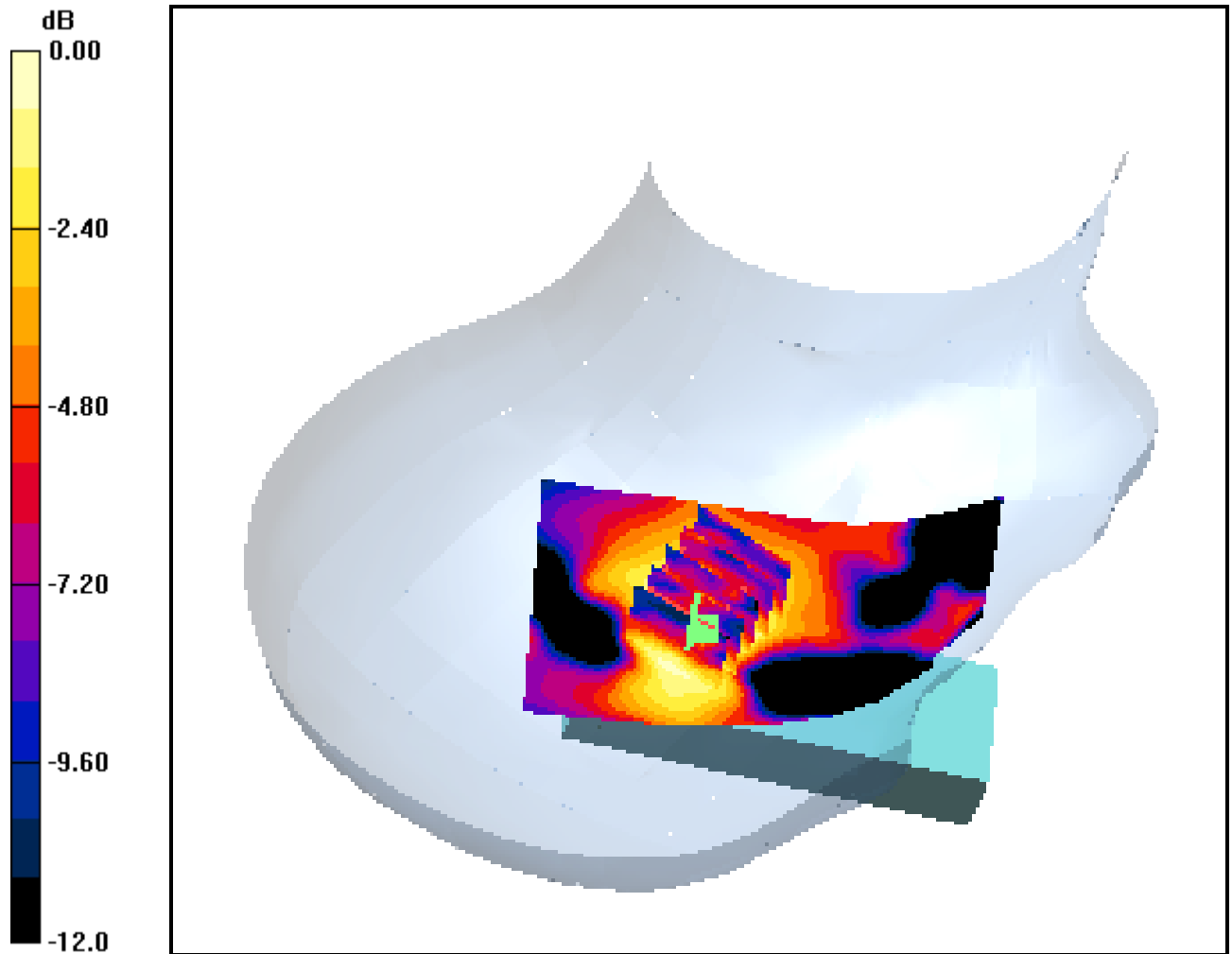
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.029 mW/g



0 dB = 0.048mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

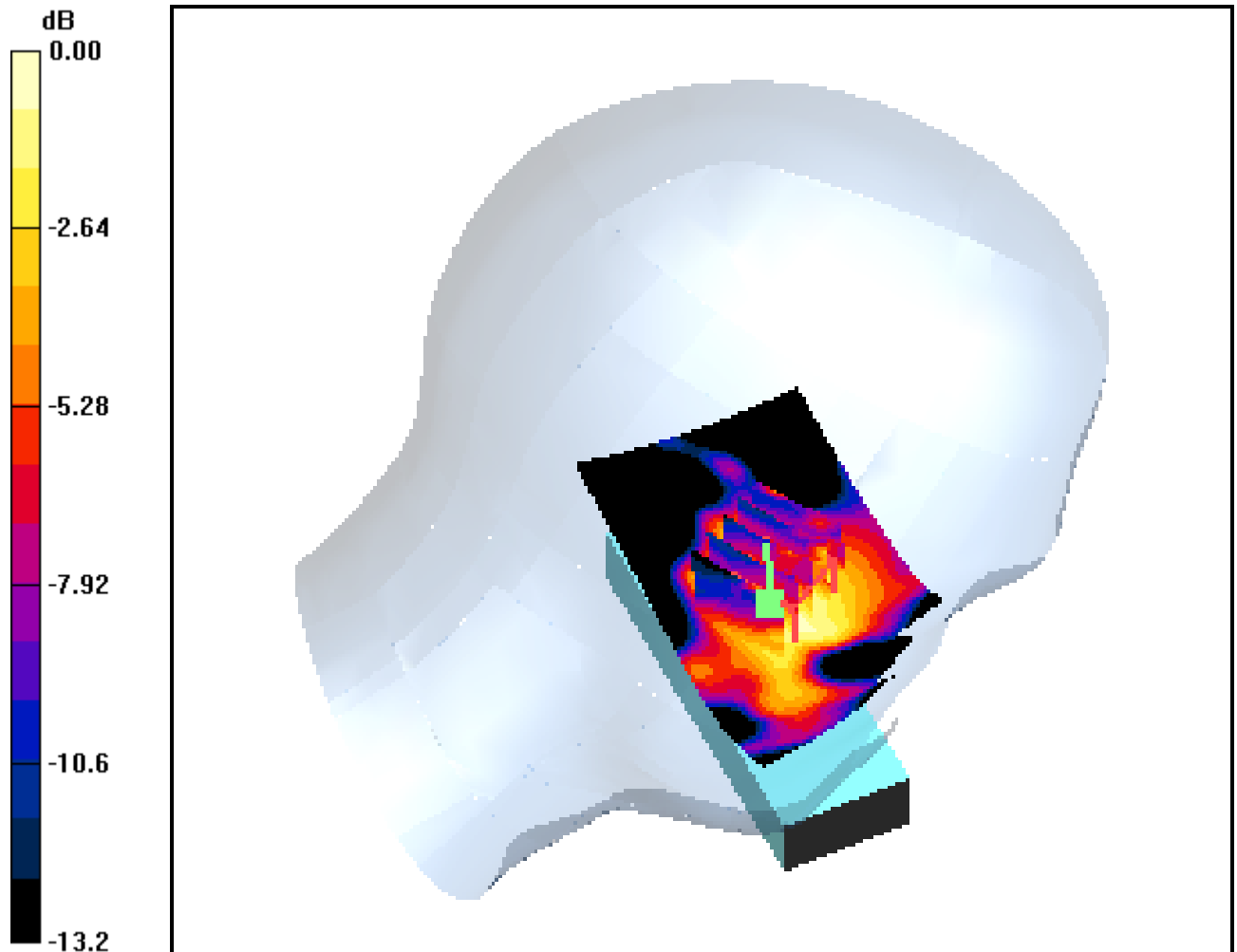
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.240 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.063 mW/g



0 dB = 0.112mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

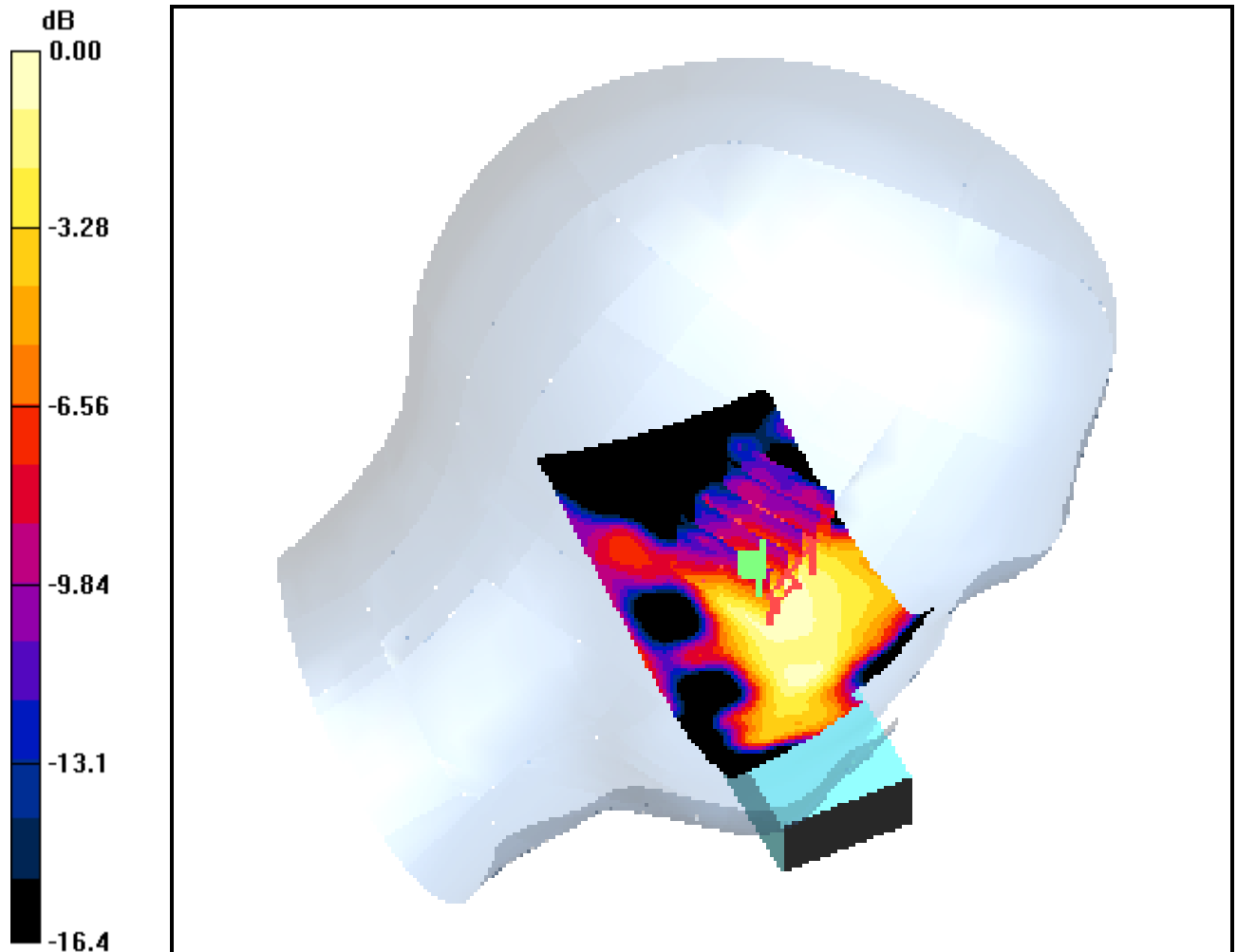
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.053 mW/g



0 dB = 0.100mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

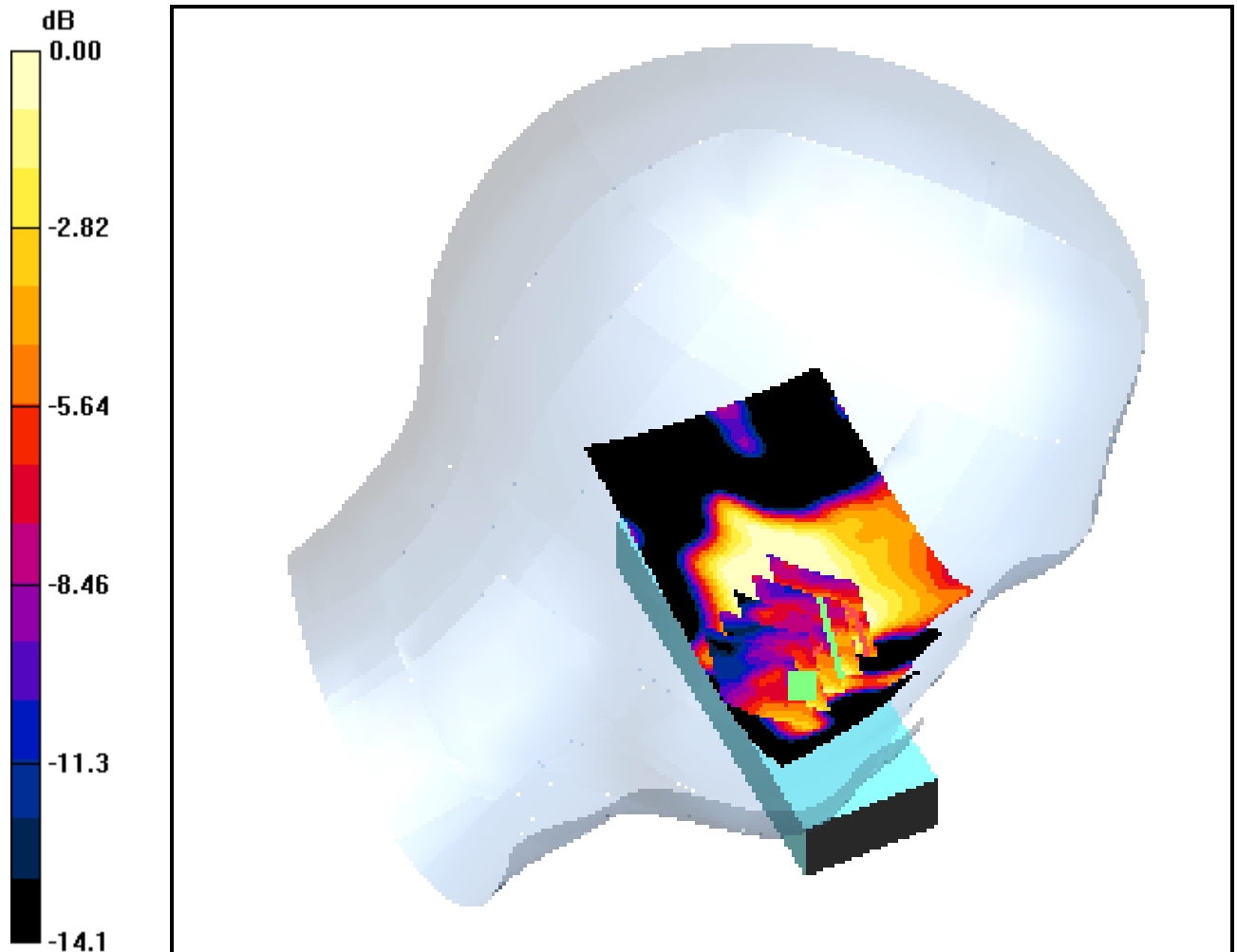
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.026 mW/g



0 dB = 0.057mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

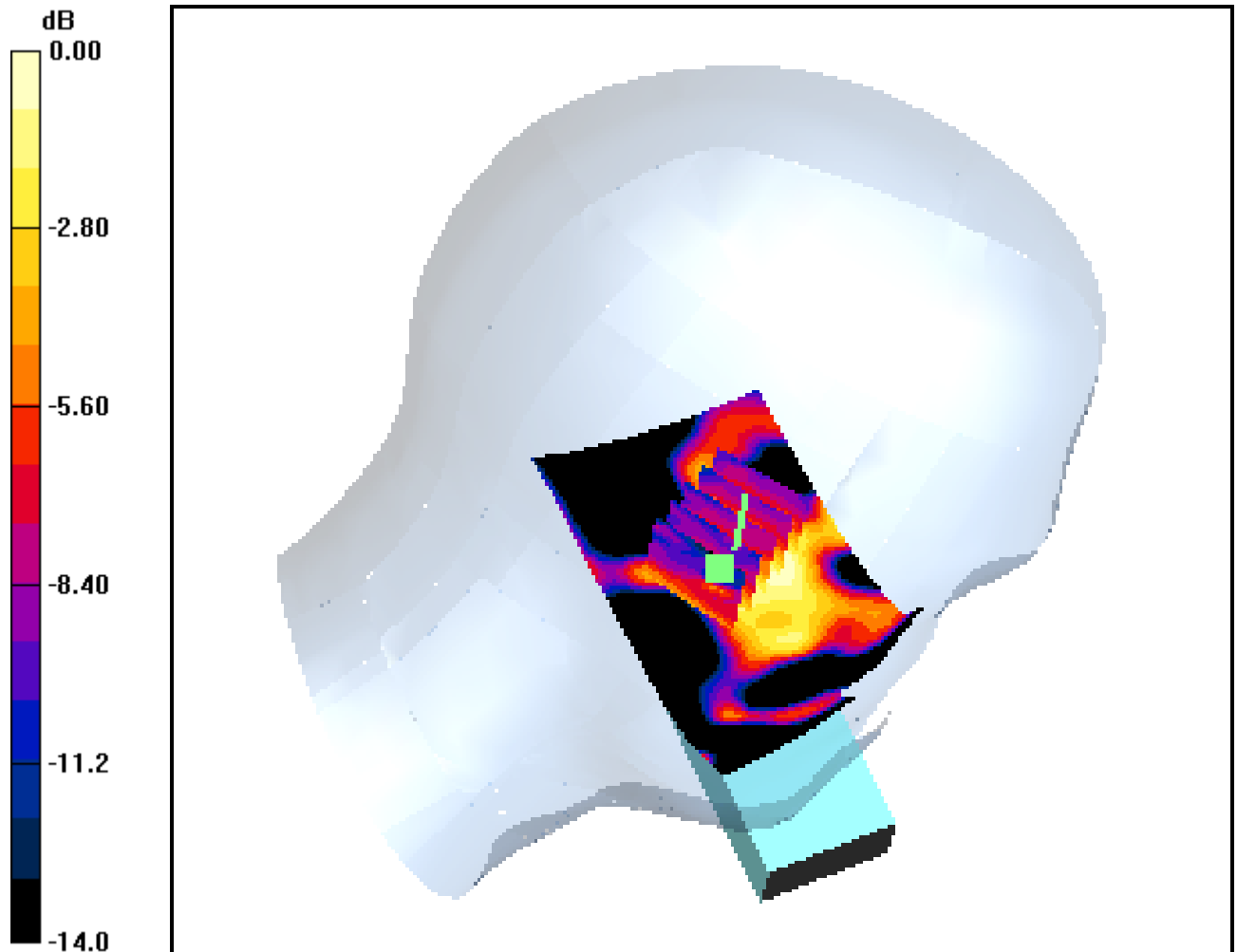
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.028 mW/g



0 dB = 0.050mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Right Touch Slide Up, PCS Ch.512, Ant Intenna, Extended Battery

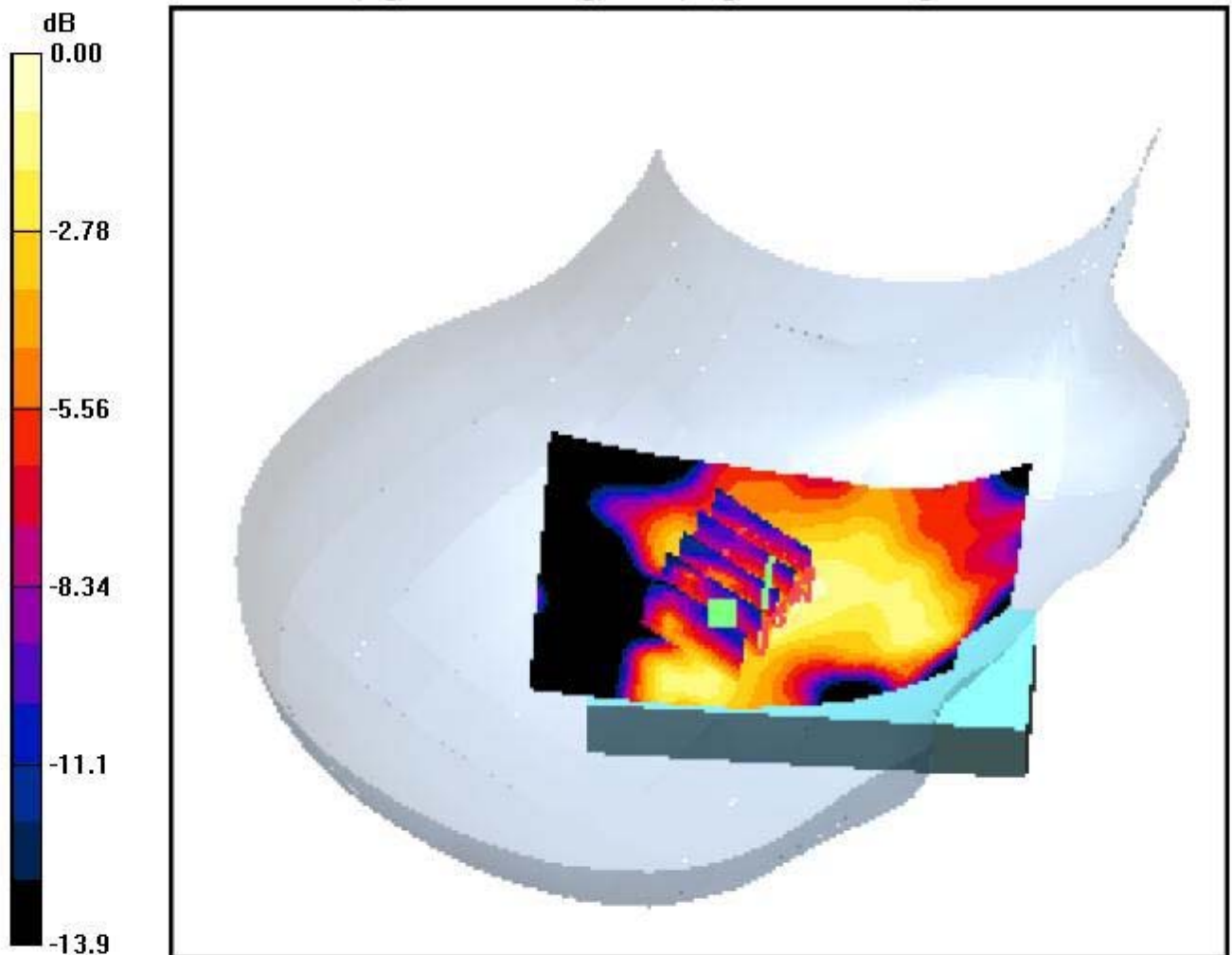
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.309 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.048 mW/g



0 dB = 0.084mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

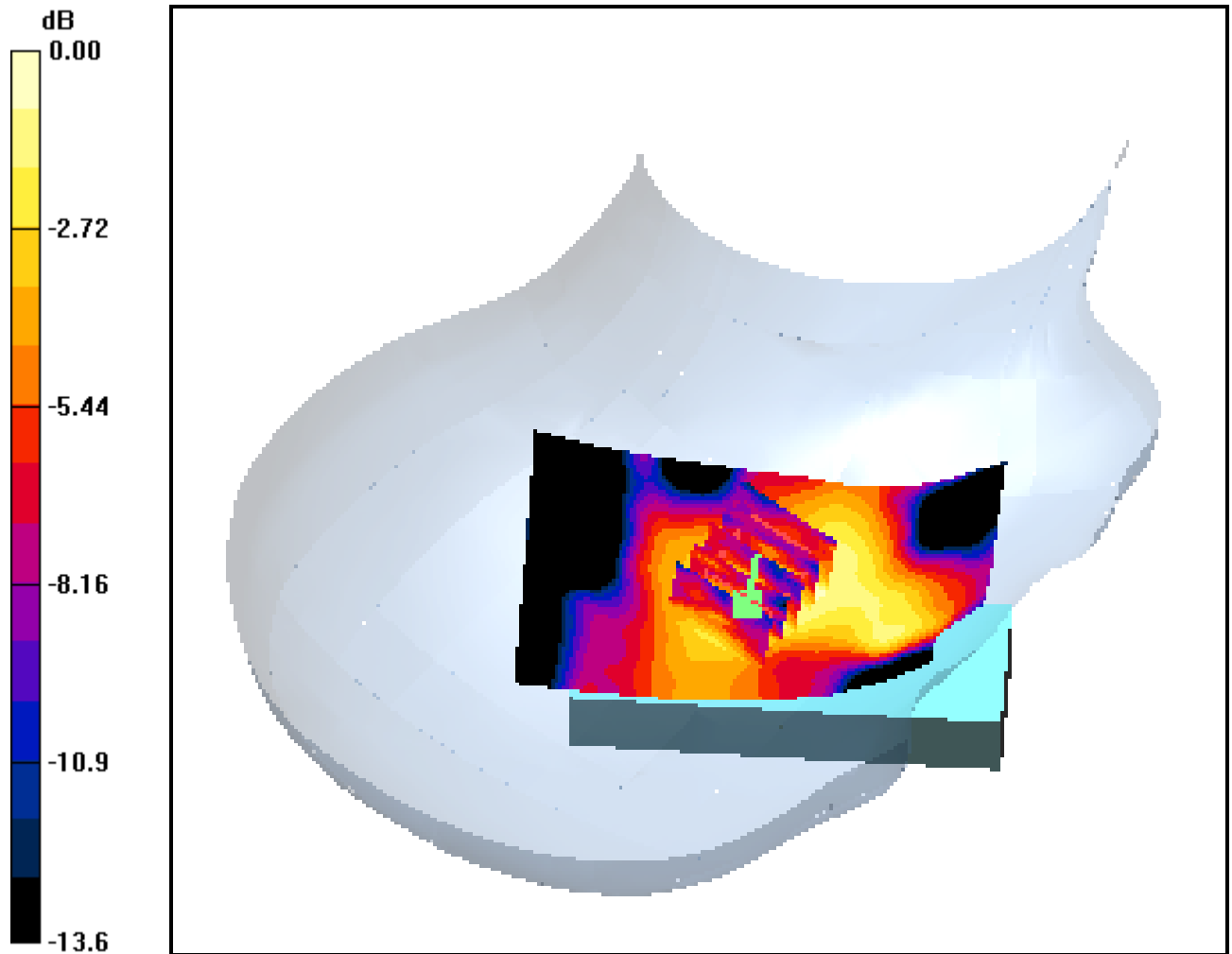
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.229 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.053 mW/g



0 dB = 0.090mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Left Touch Slide Up, PCS Ch.512, Ant Intenna, Extended Battery

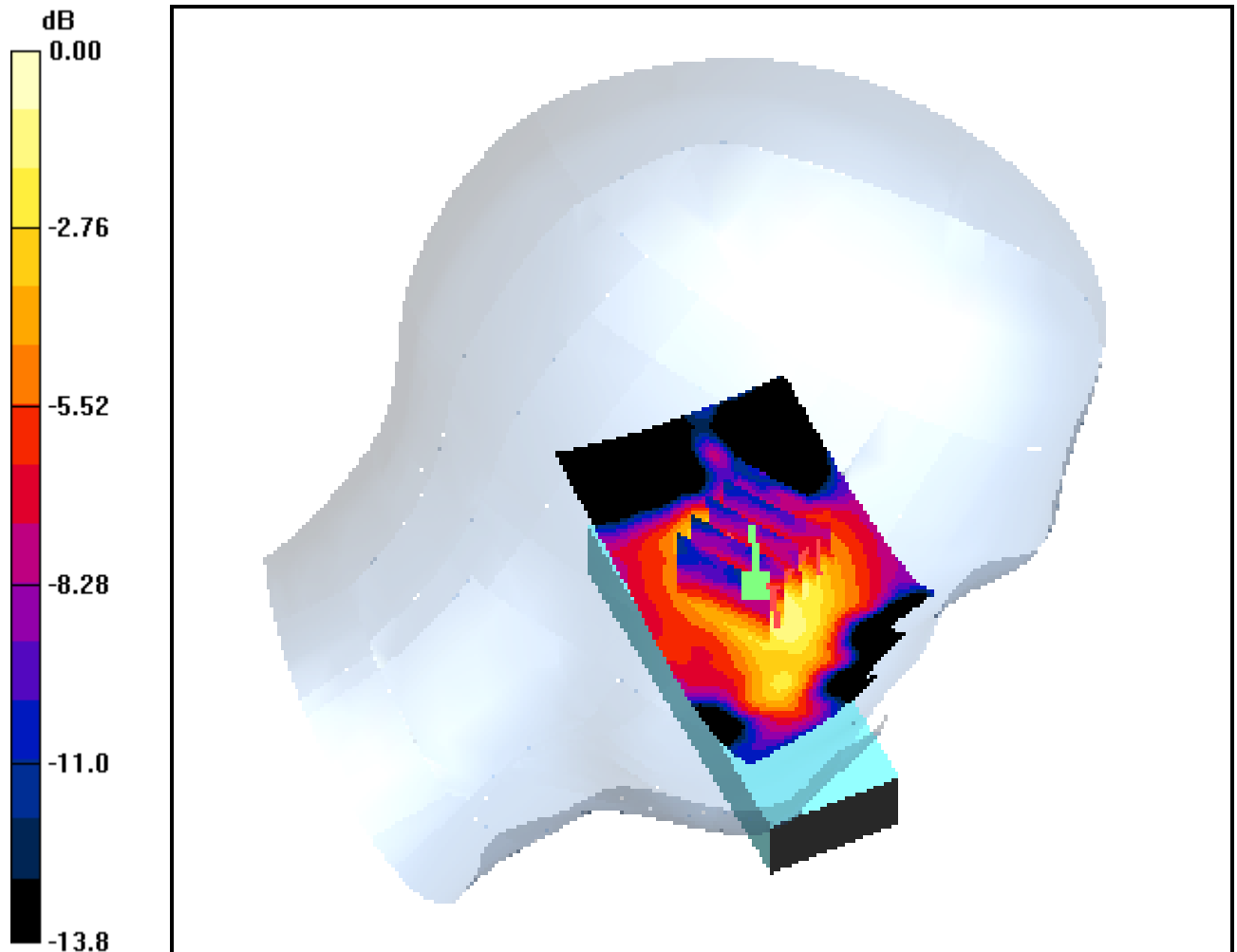
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.268 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.121mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.34$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Left Touch Slide Up, PCS CH.512, Ant Intenna, Extended Battery With BT ON

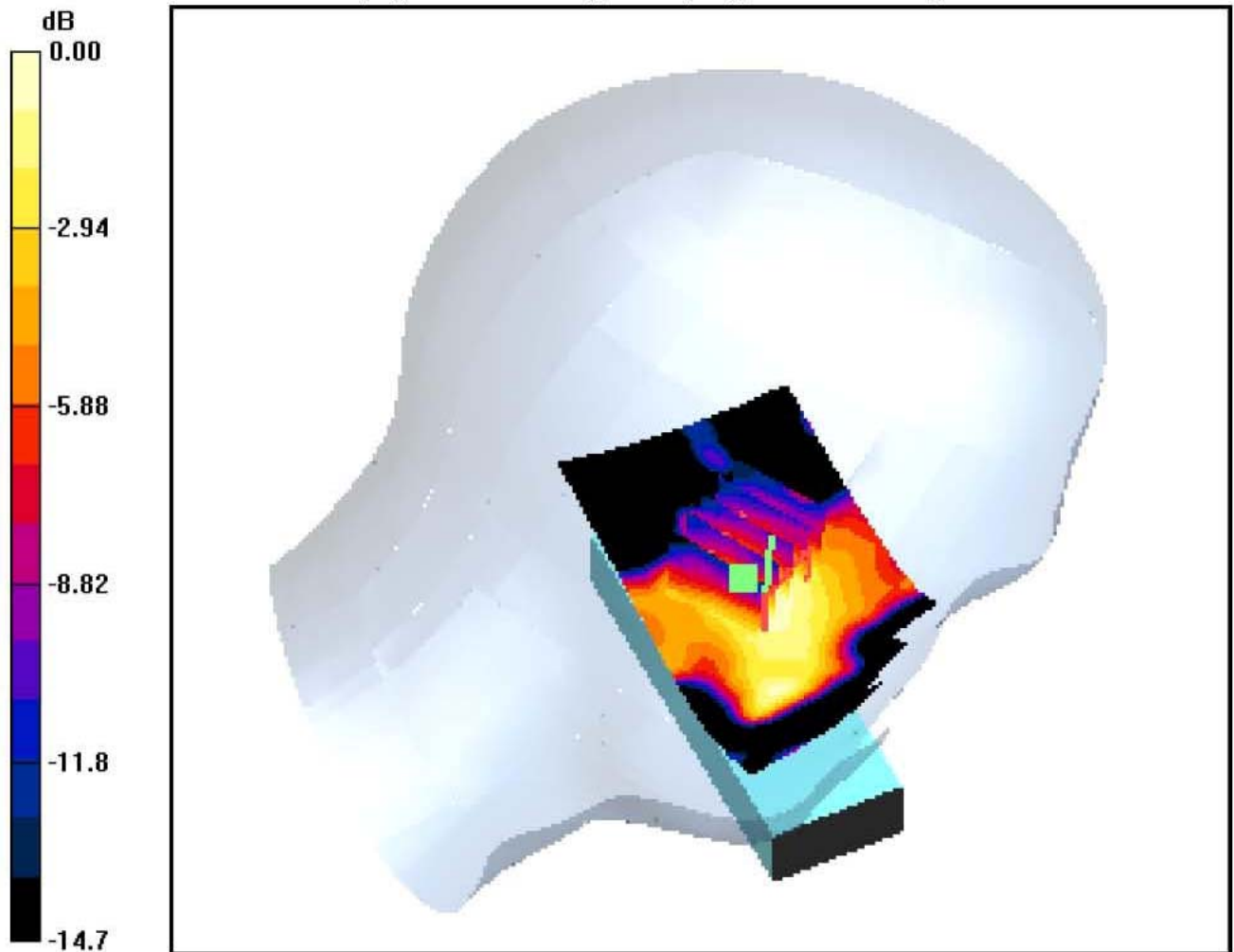
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.057 mW/g



0 dB = 0.105mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

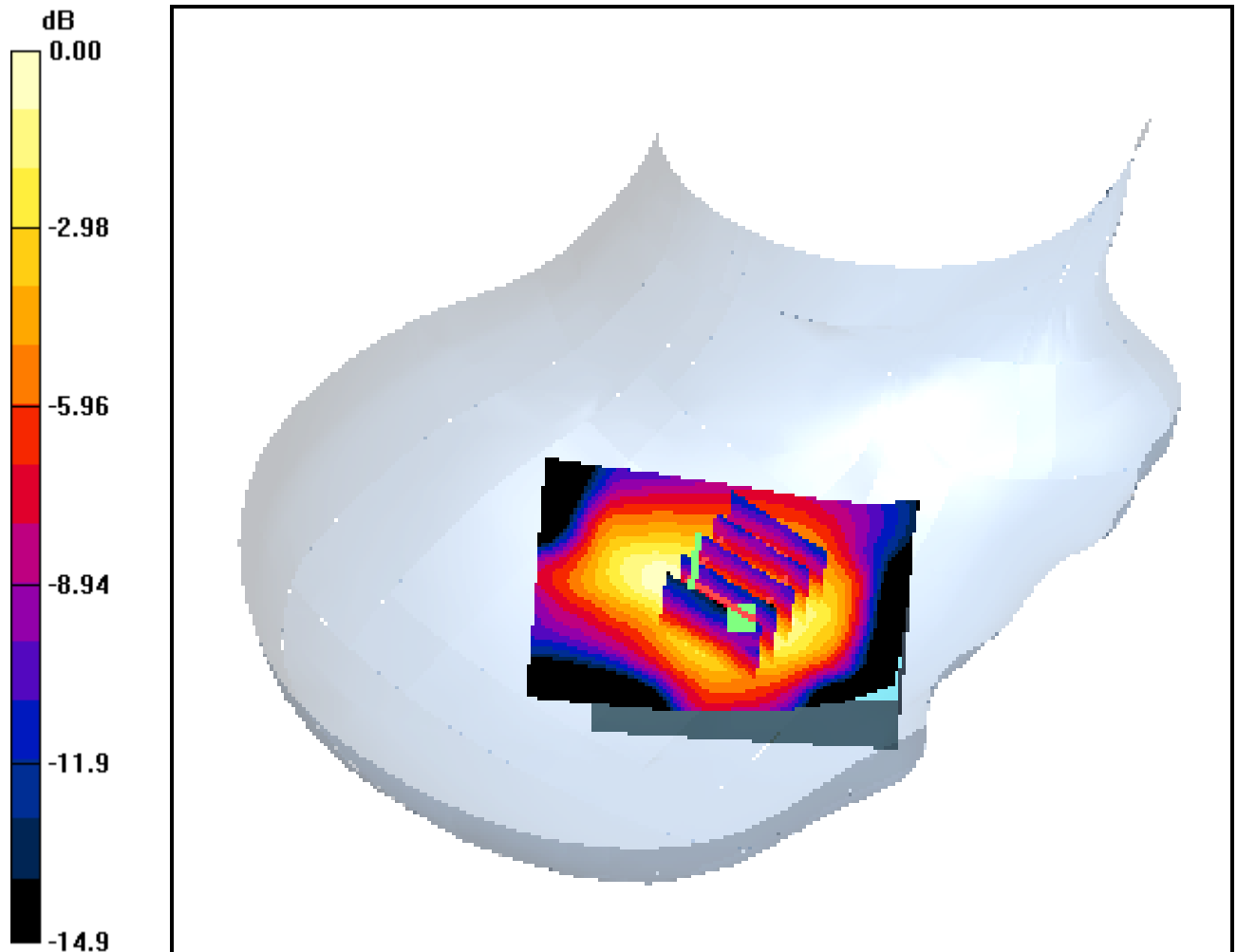
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.163 mW/g



0 dB = 0.280mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

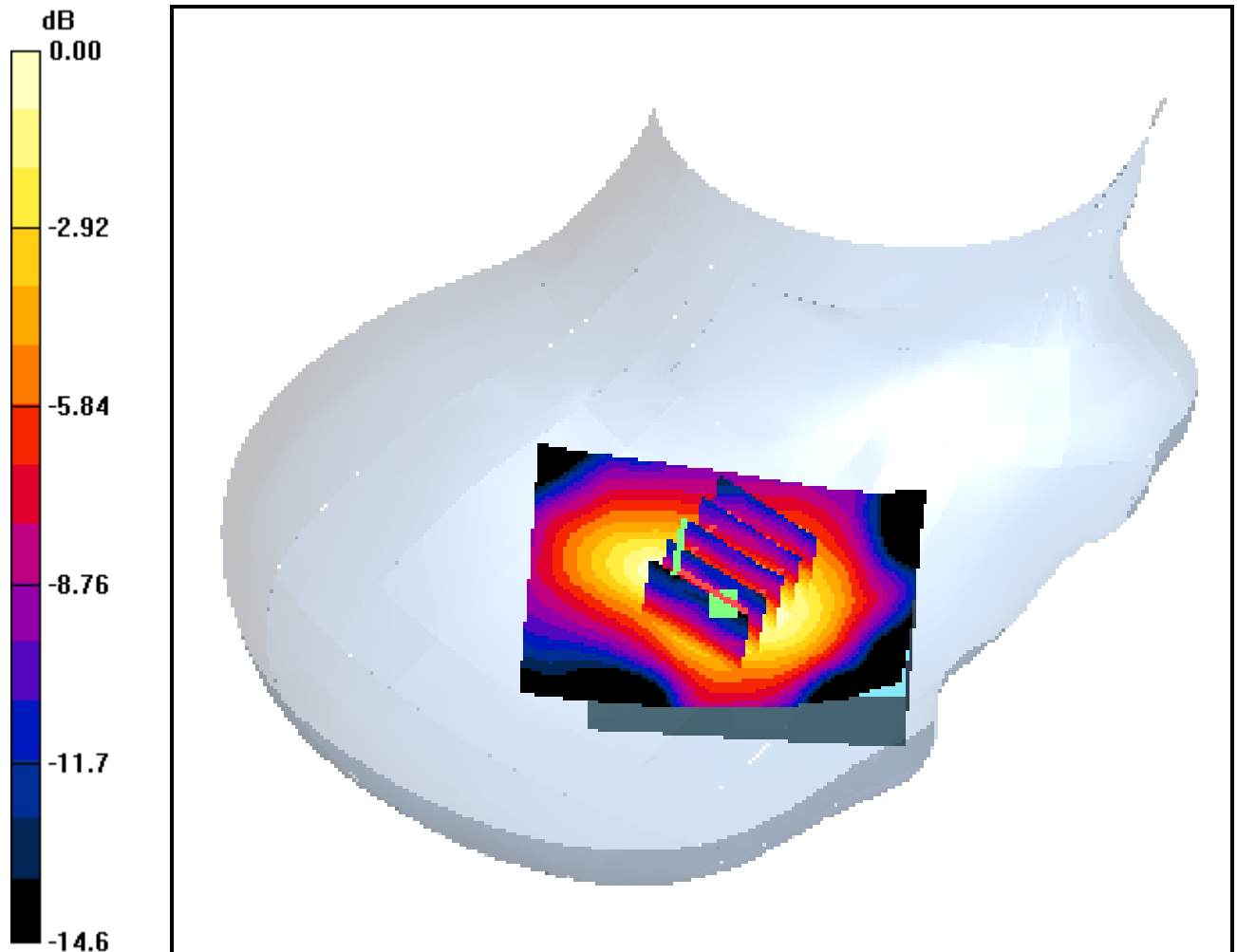
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.464 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.303mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

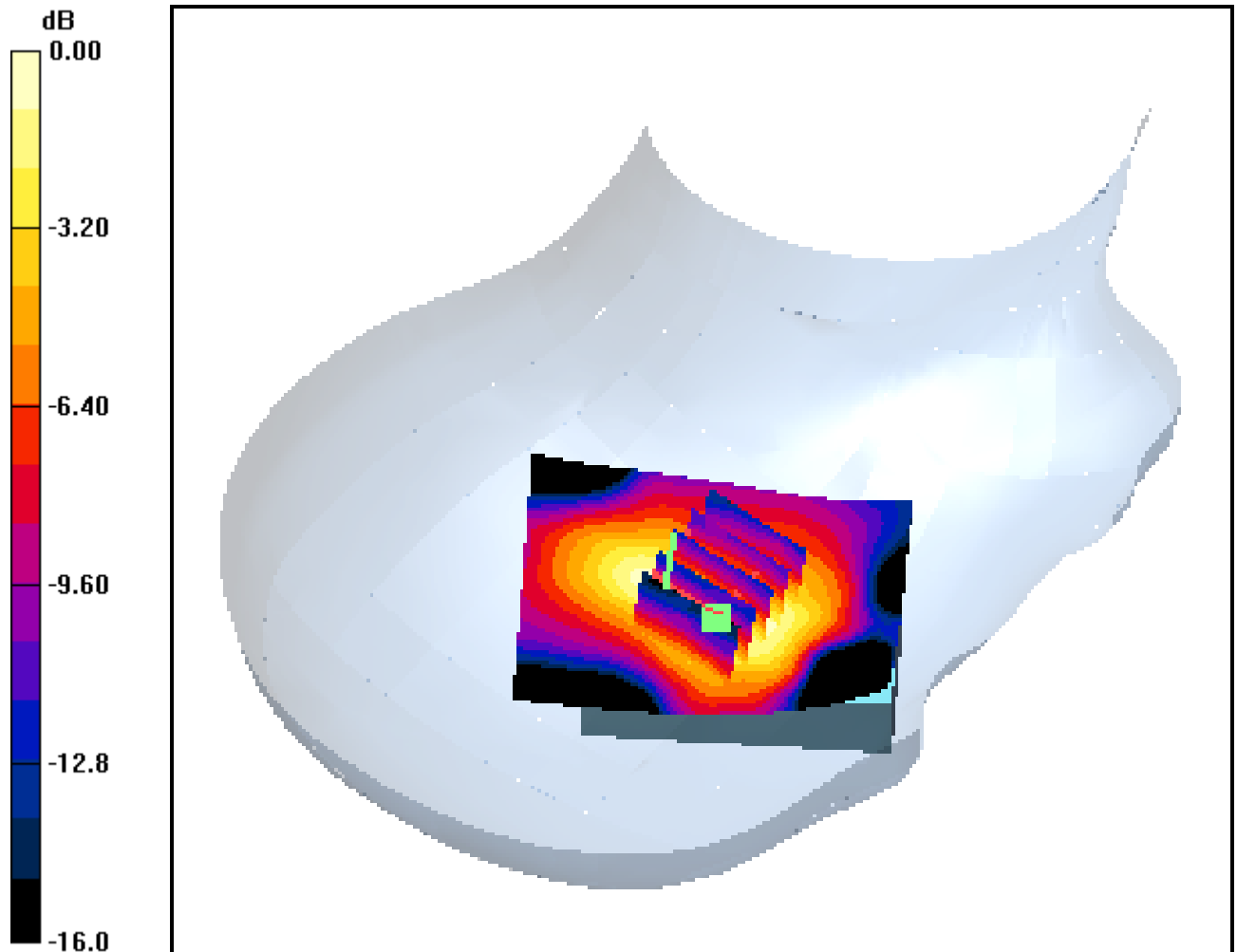
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.392 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.143 mW/g



0 dB = 0.267mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

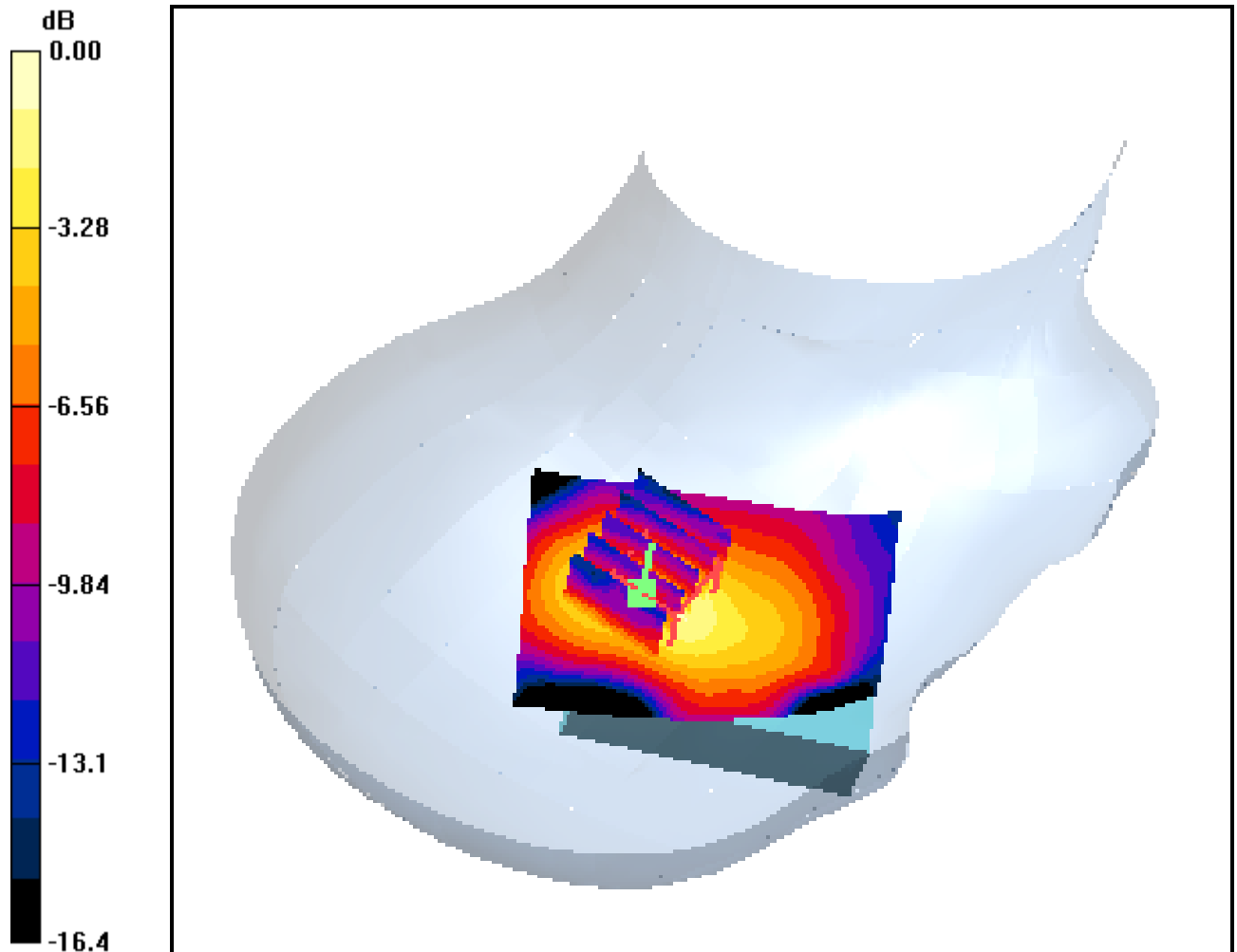
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.102 mW/g



0 dB = 0.202mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.34 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

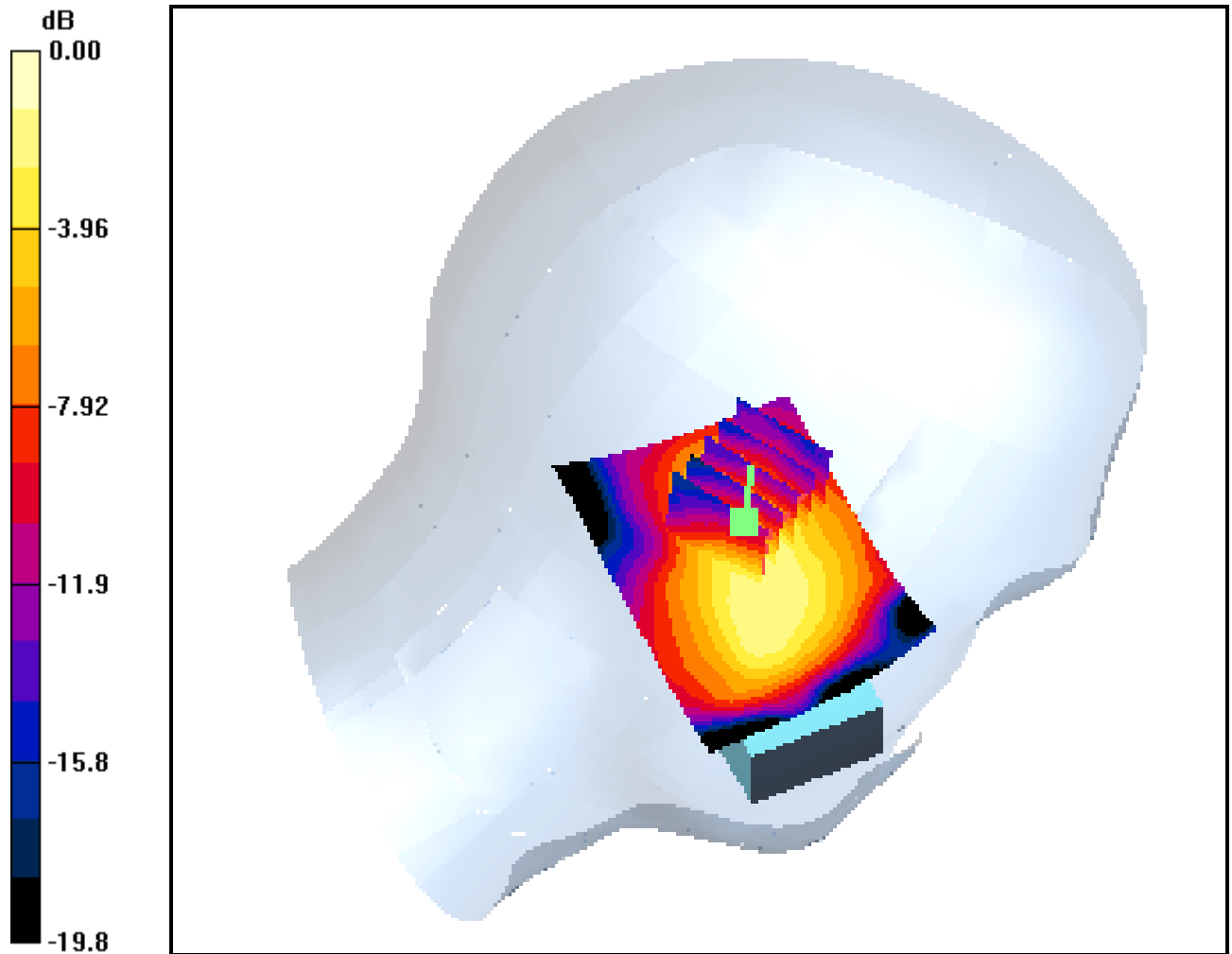
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.145 mW/g



0 dB = 0.310mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

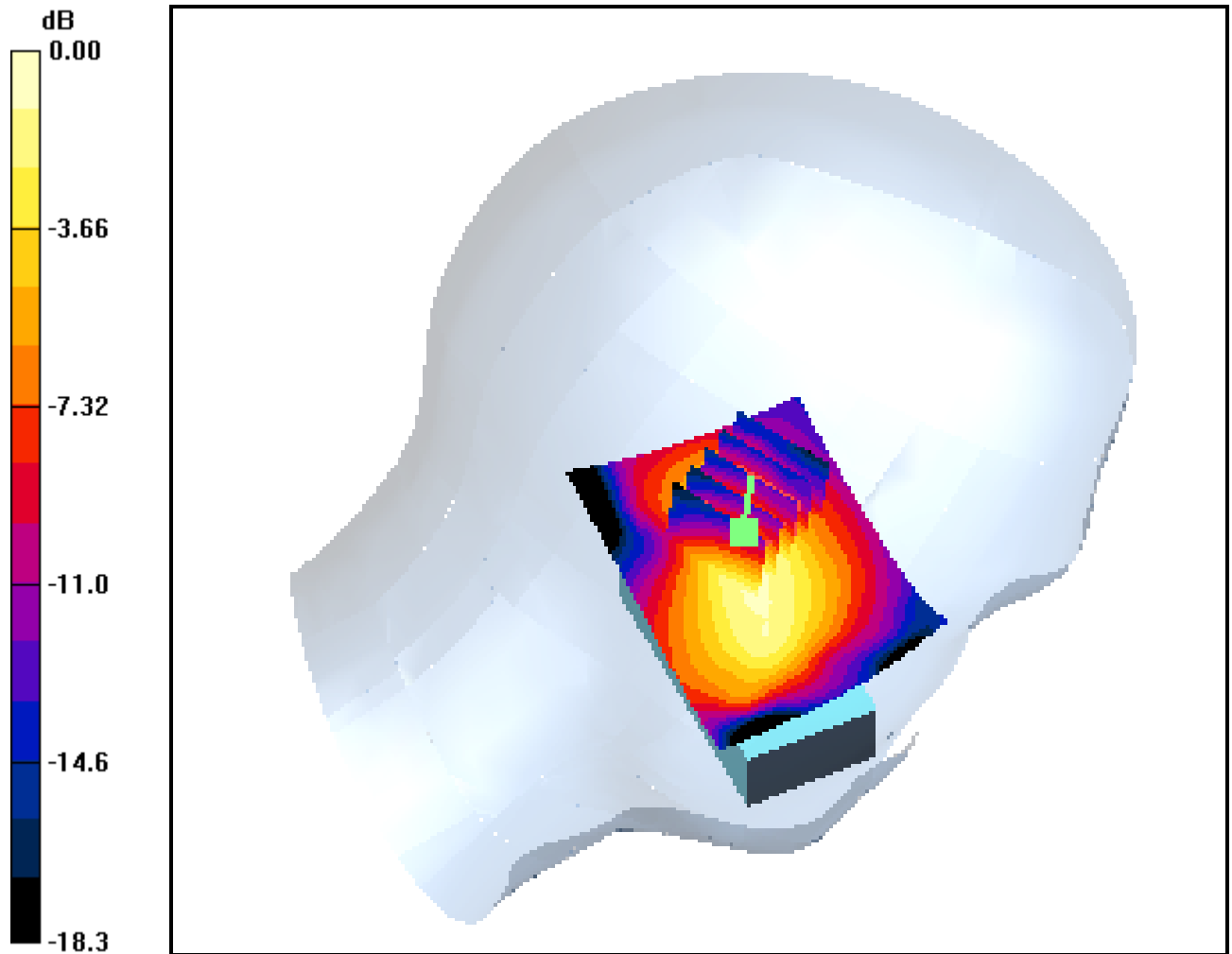
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.160 mW/g



0 dB = 0.344mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

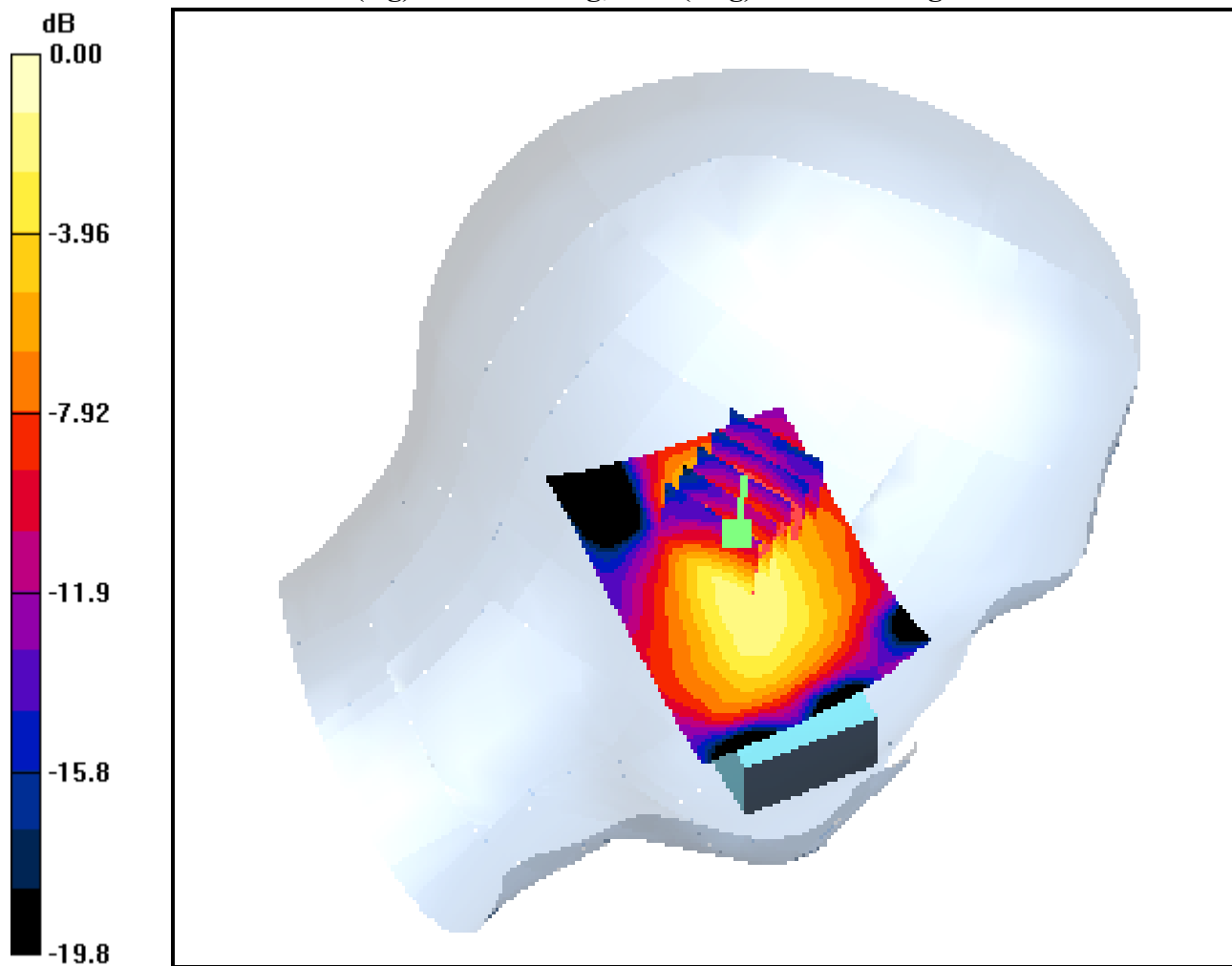
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.122 mW/g



0 dB = 0.271mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

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

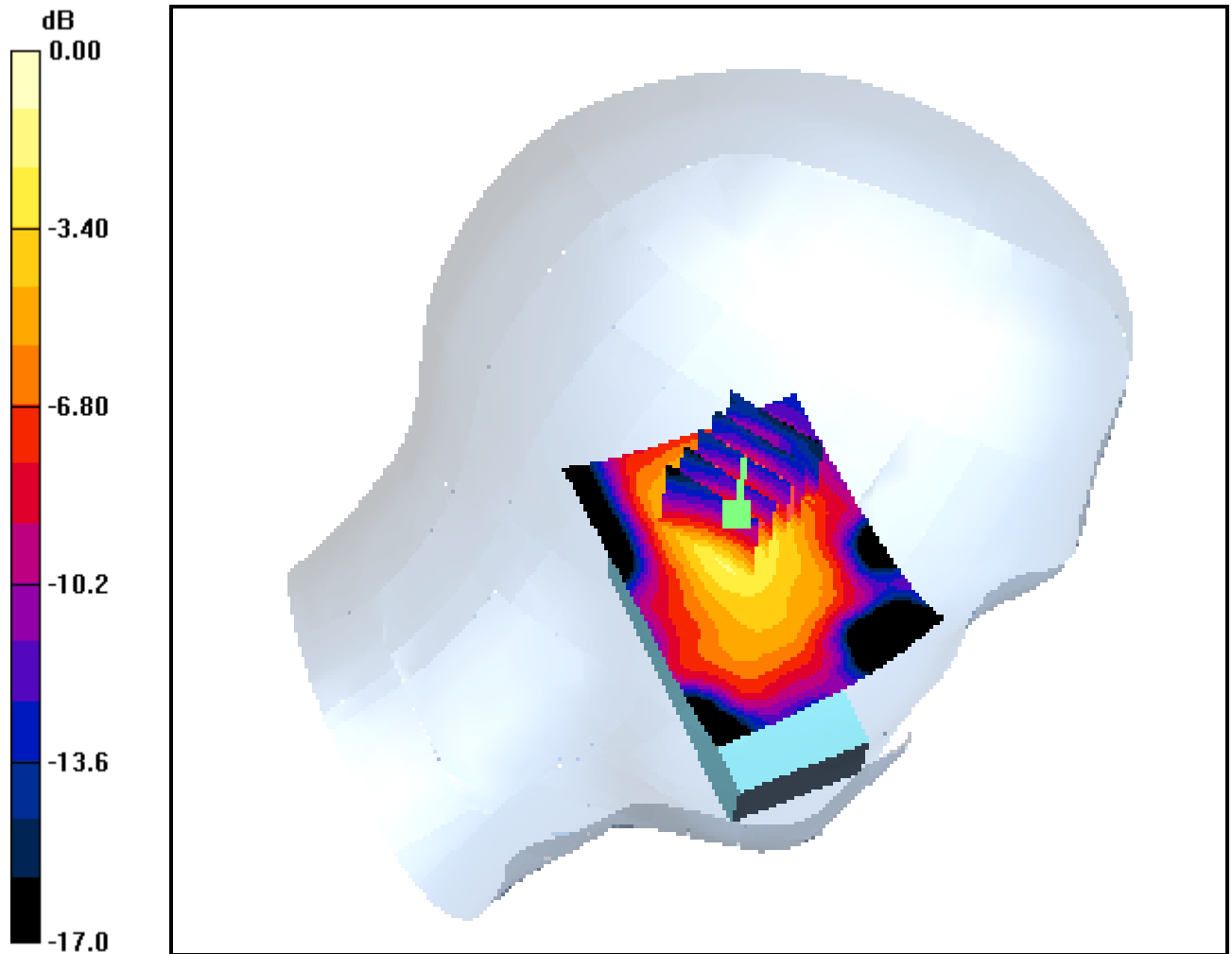
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.113 mW/g



0 dB = 0.248mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Right Touch Slide Down, PCS Ch.661, Ant Intenna, Extended Battery

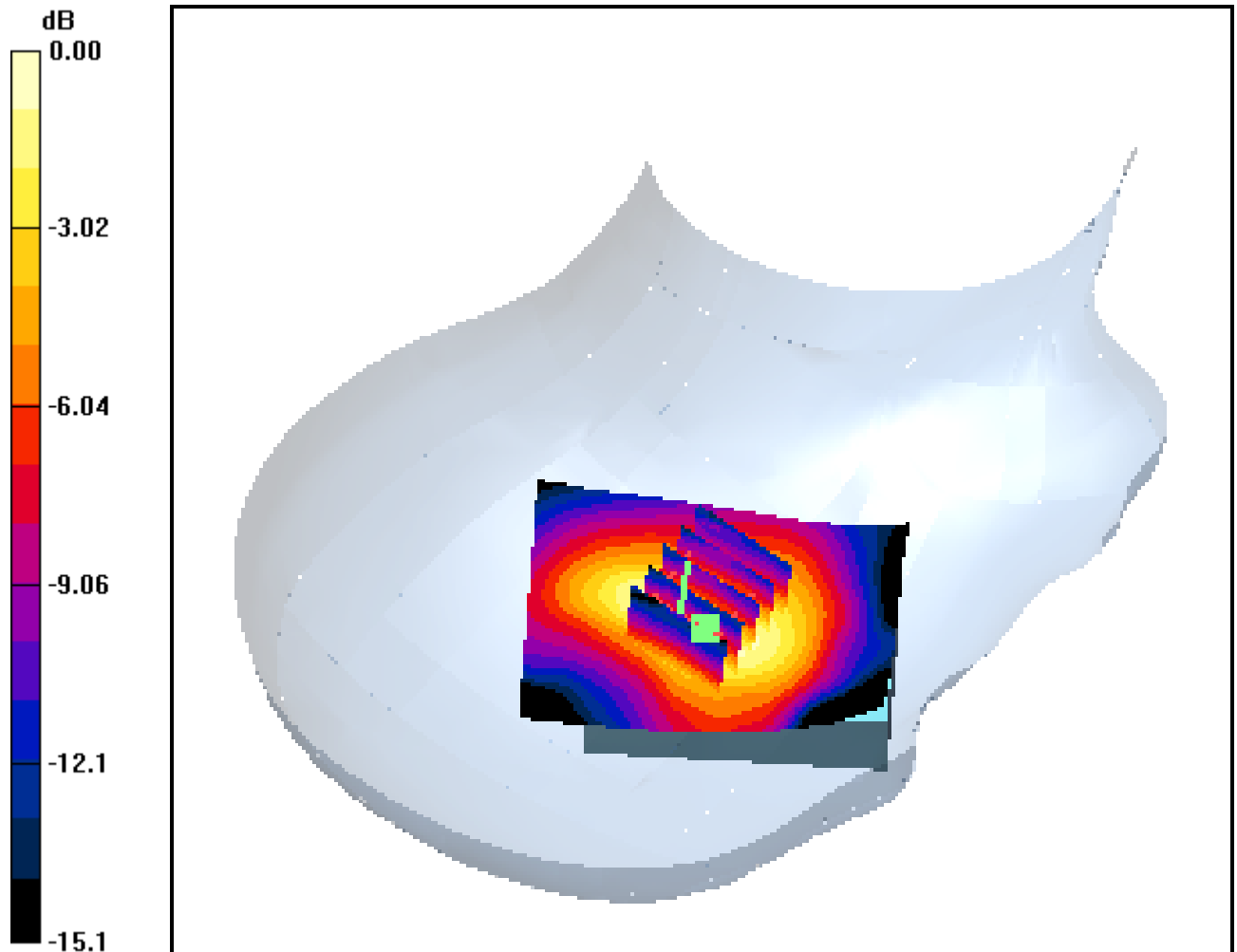
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.420 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.157 mW/g



0 dB = 0.286mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Right Touch Slide Down, PCS Ch.661, Ant Intenna, Standard Battery With BT ON

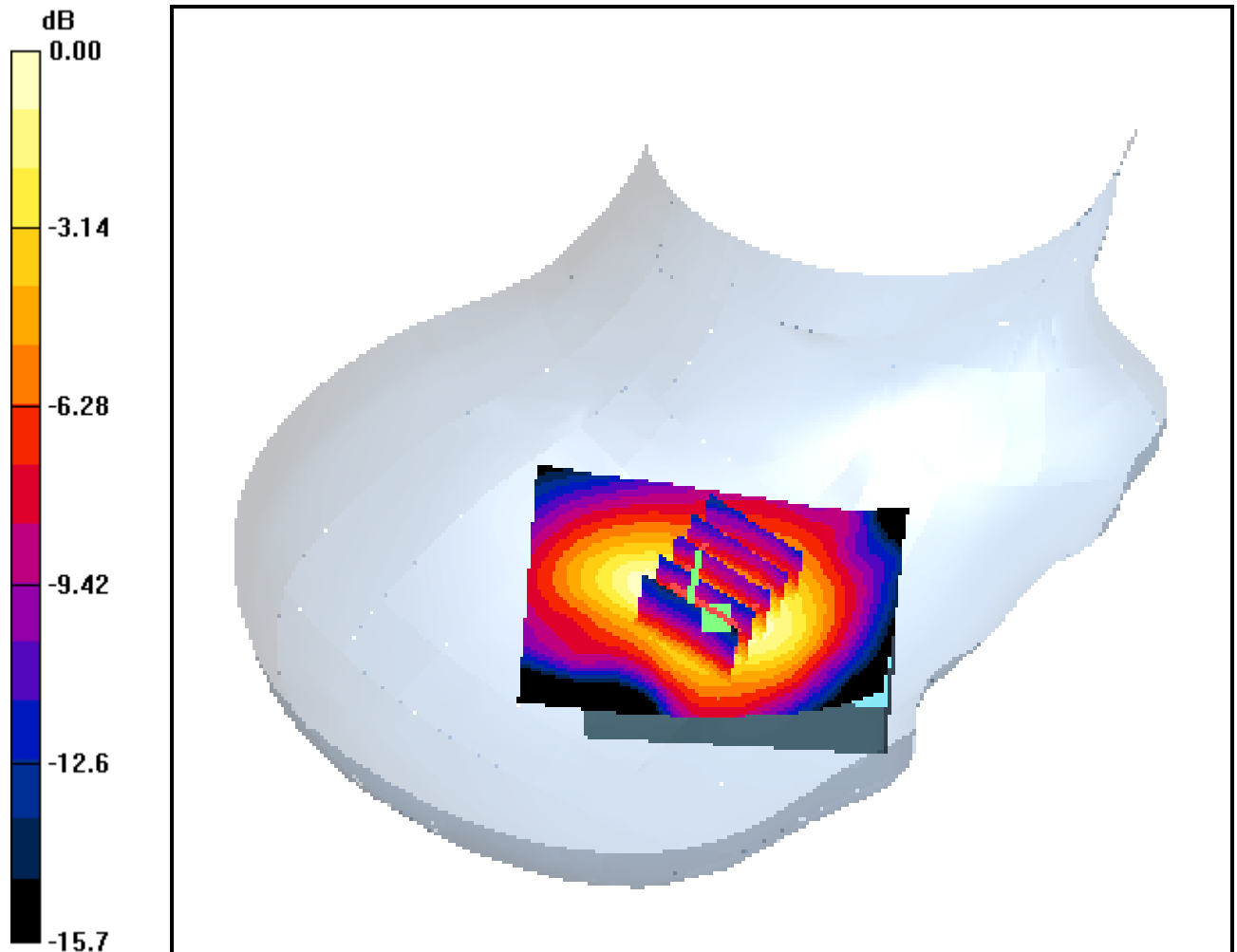
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.173 mW/g



0 dB = 0.299mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Left Touch Slide Down, PCS Ch.661, Ant Intenna, Extended Battery

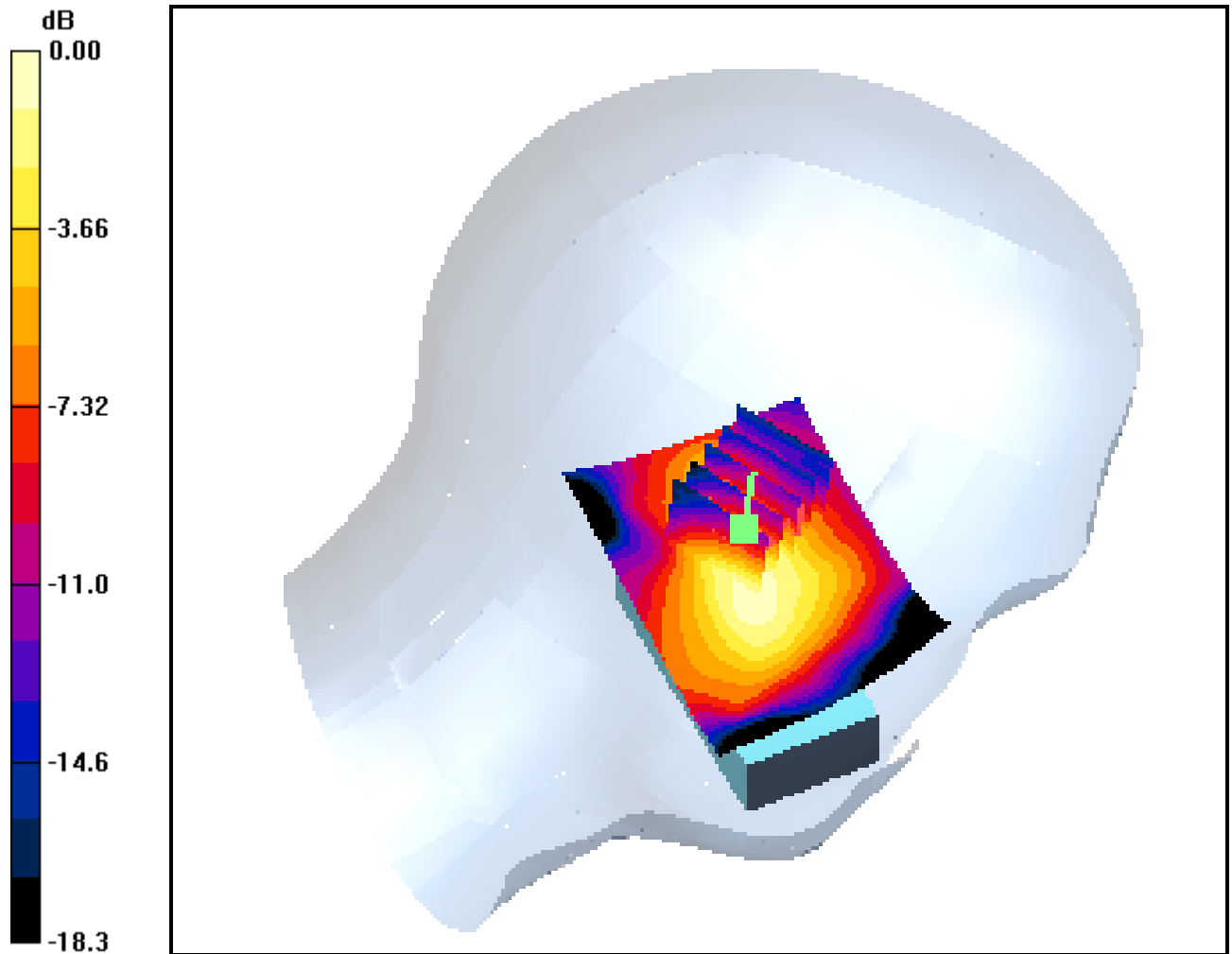
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.220 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.151 mW/g



0 dB = 0.308mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(5.27, 5.27, 5.27); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Date: 2006-02-16; Ambient Temp: 23.0; Tissue Temp: 22.5

Left Touch Slide Down, PCS Ch.661, Ant Intenna, Standard Battery With BT ON

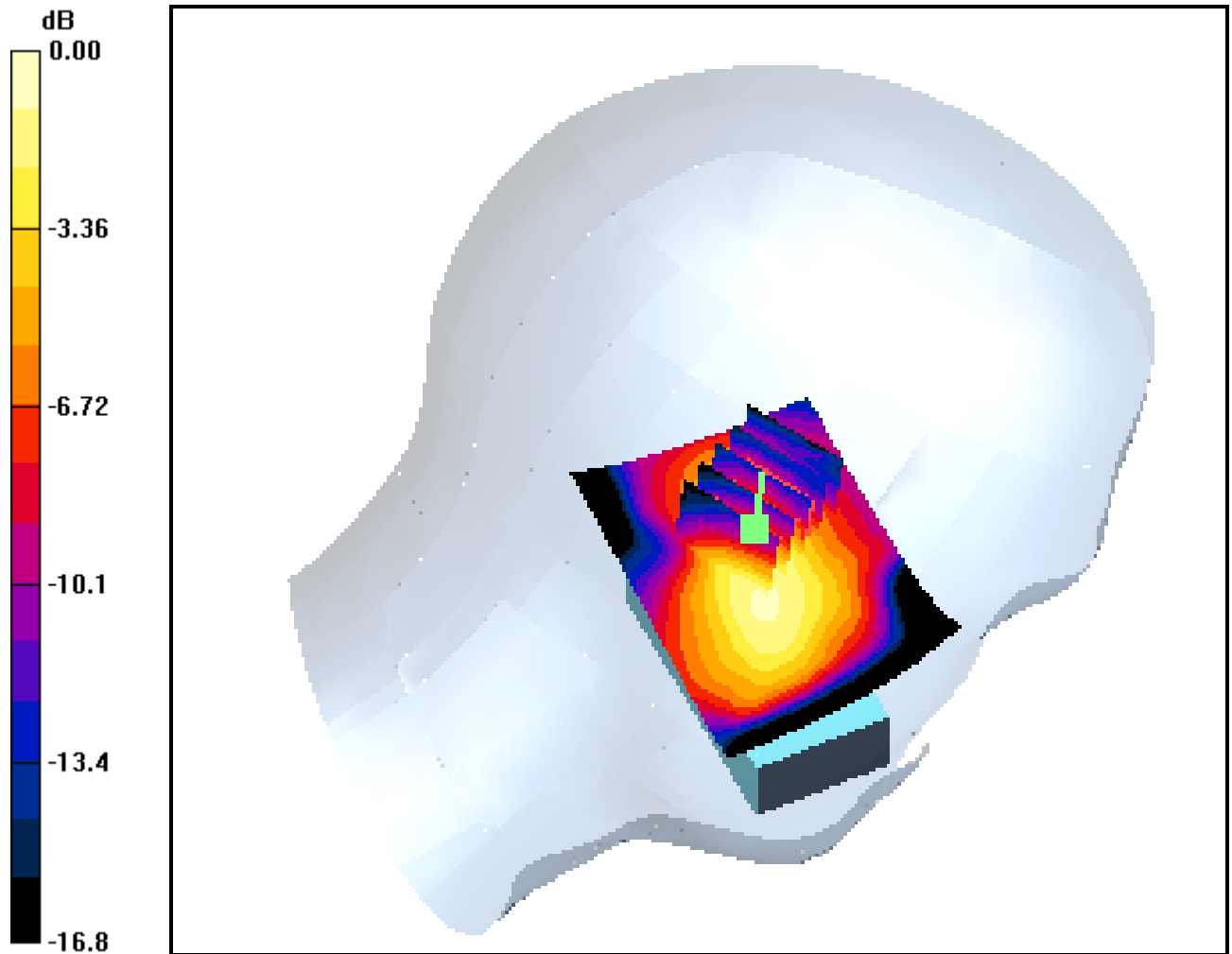
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.124 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.163 mW/g



0 dB = 0.339mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-01-27; Ambient Temp: 21.0; Tissue Temp: 20.5

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

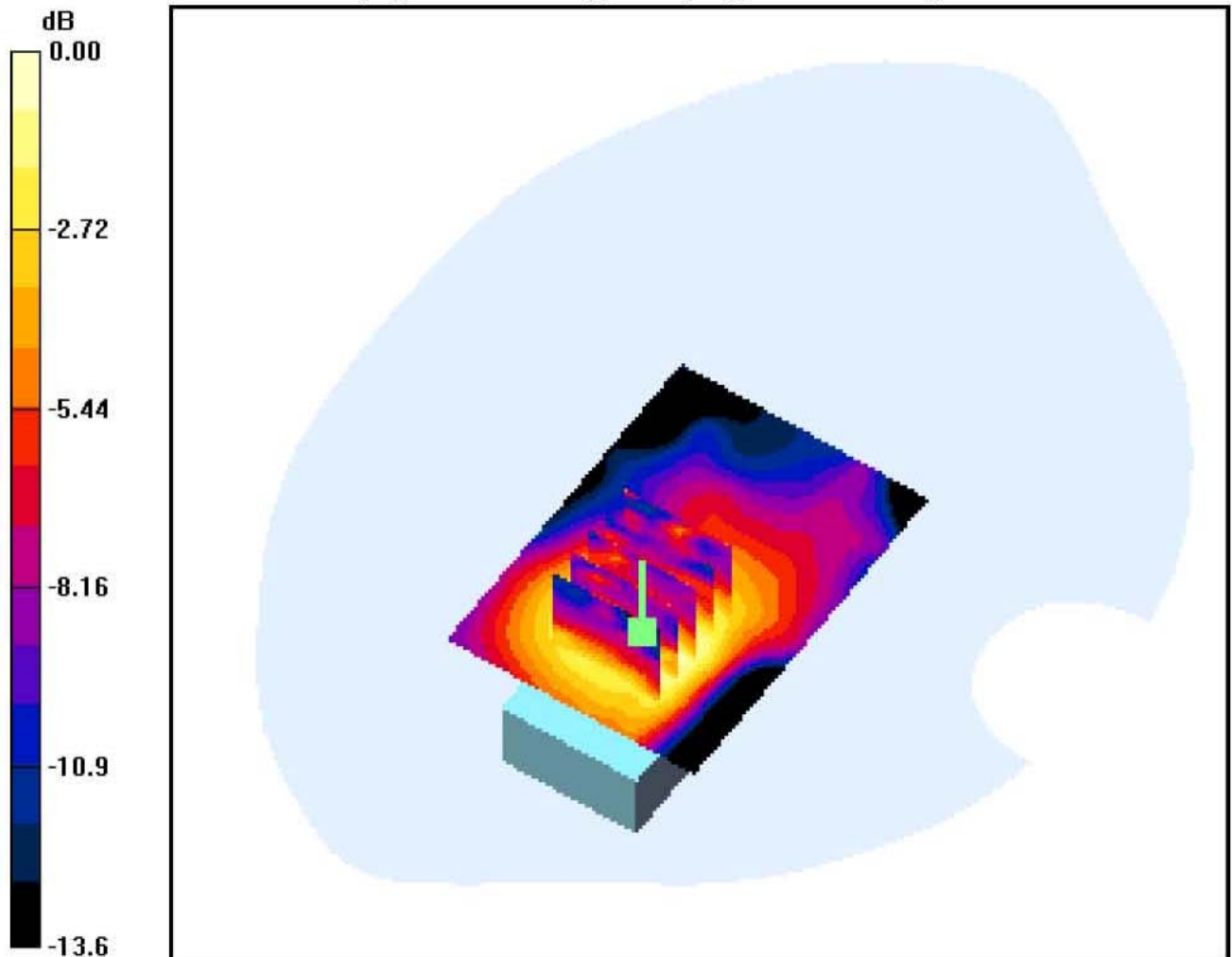
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.107 mW/g



0 dB = 0.183mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-03-24; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-01-27; Ambient Temp: 21.0; Tissue Temp: 20.5

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

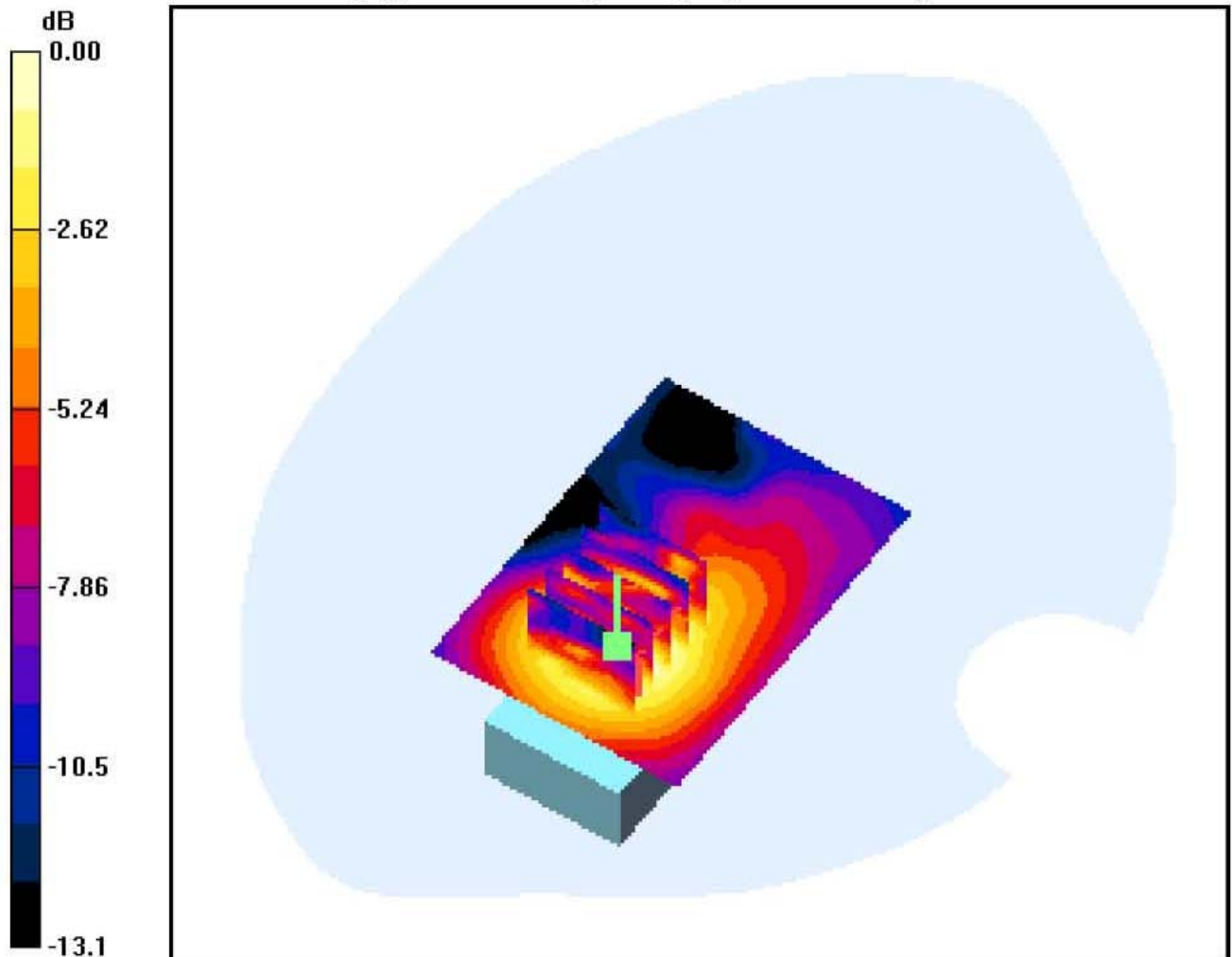
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.098 mW/g



0 dB = 0.165mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.51 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-01-27; Ambient Temp: 21.0; Tissue Temp: 20.5

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

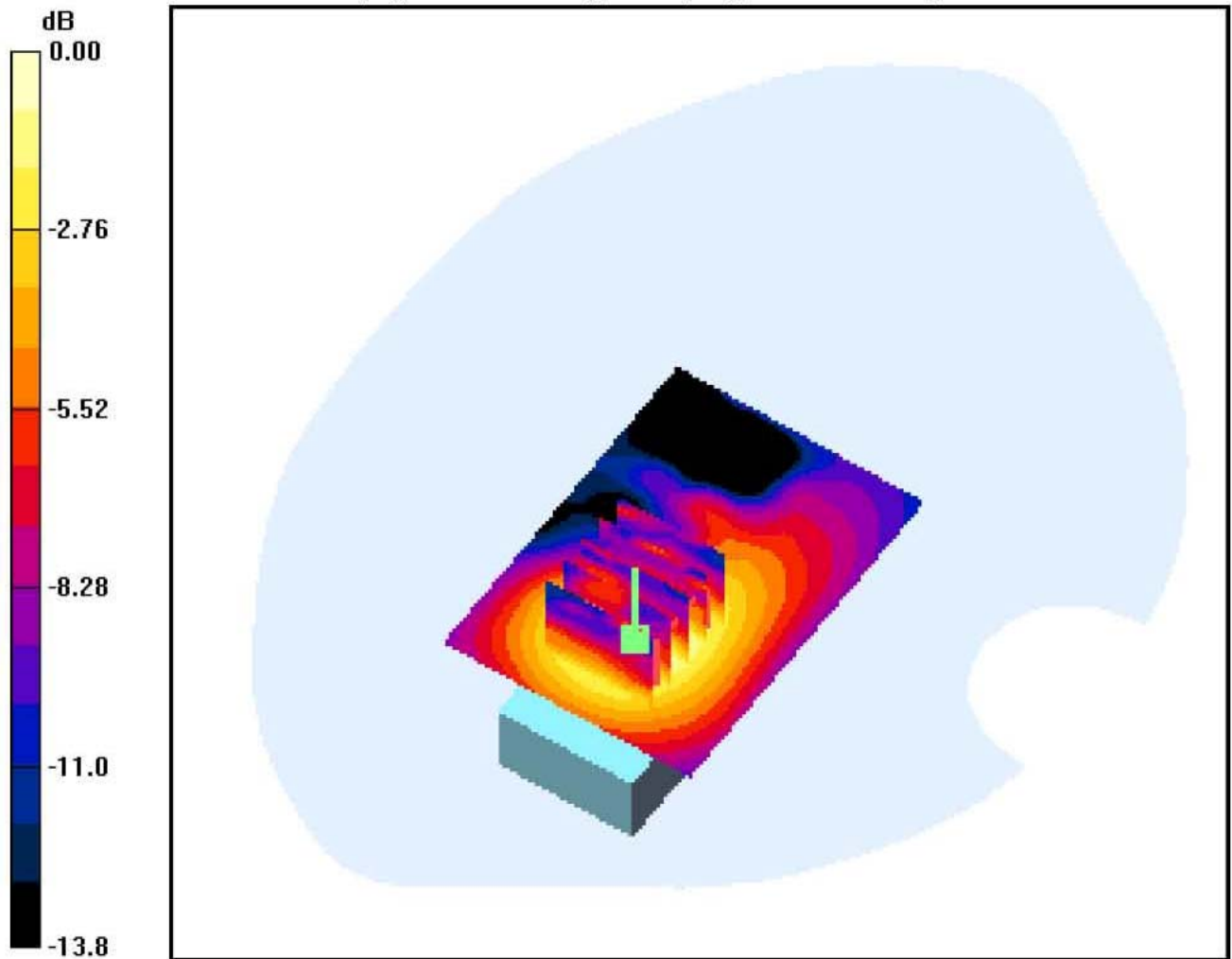
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.091 mW/g



0 dB = 0.158mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-01-27; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Extended Battery

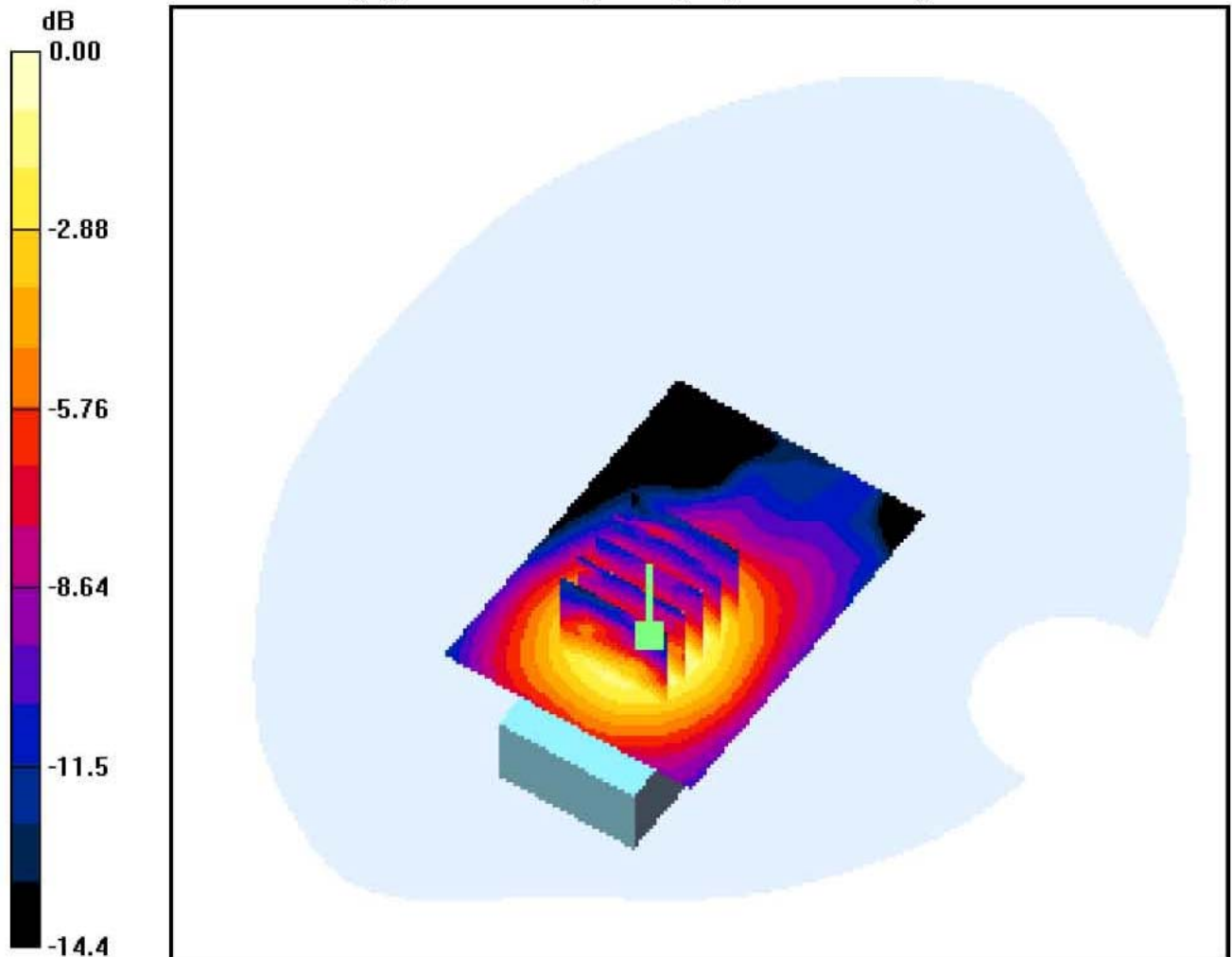
Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.162 mW/g



0 dB = 0.282mW/g

DIGITAL EMC CO., LTD

DUT: VK4000; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1703; ConvF(4.81, 4.81, 4.81); Calibrated: 2005-03-24; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Test Date: 2006-01-27; Ambient Temp: 21.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Extended Battery With BT ON

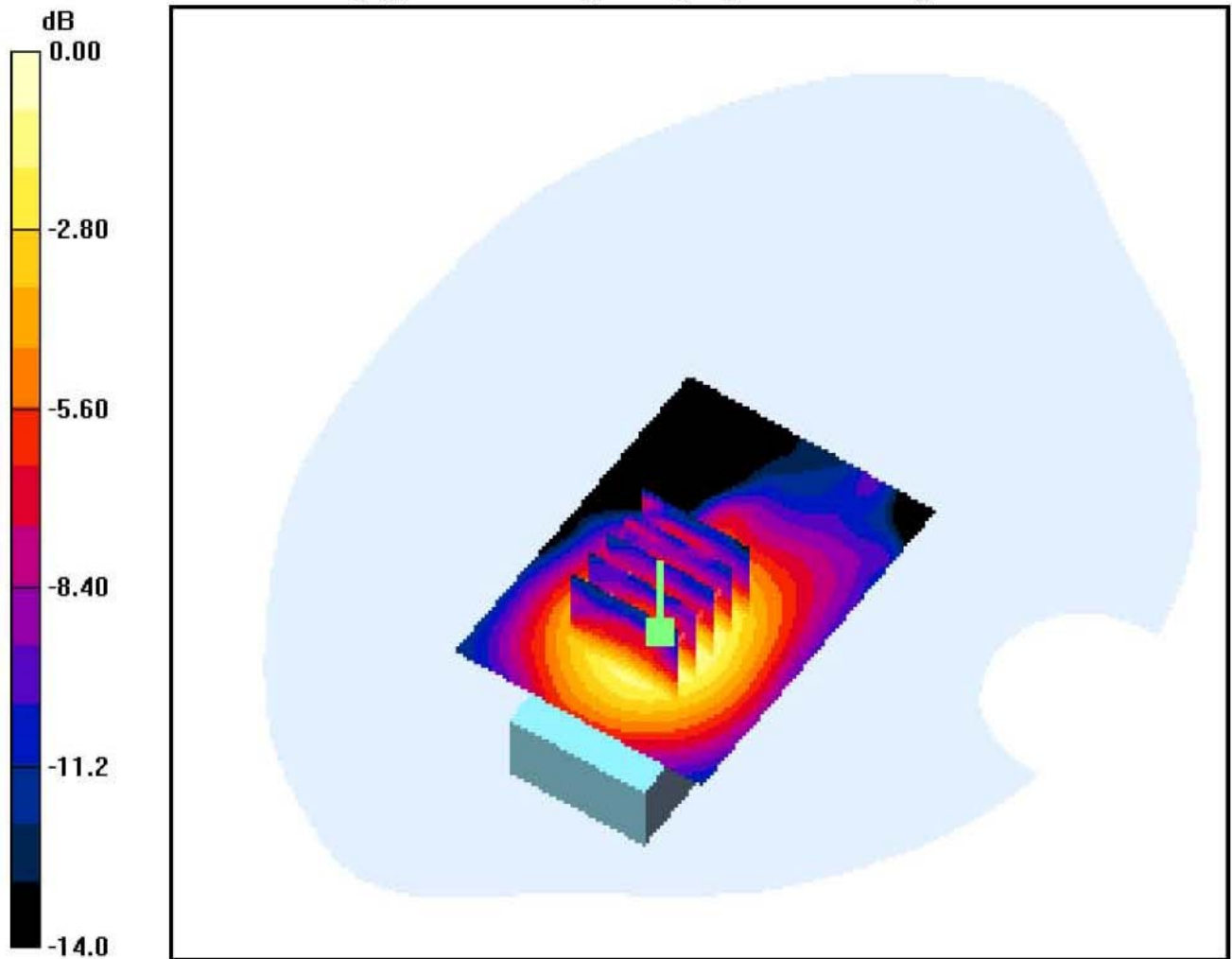
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.155 mW/g



0 dB = 0.269mW/g