

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: $f = 835 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

Dipole Validation

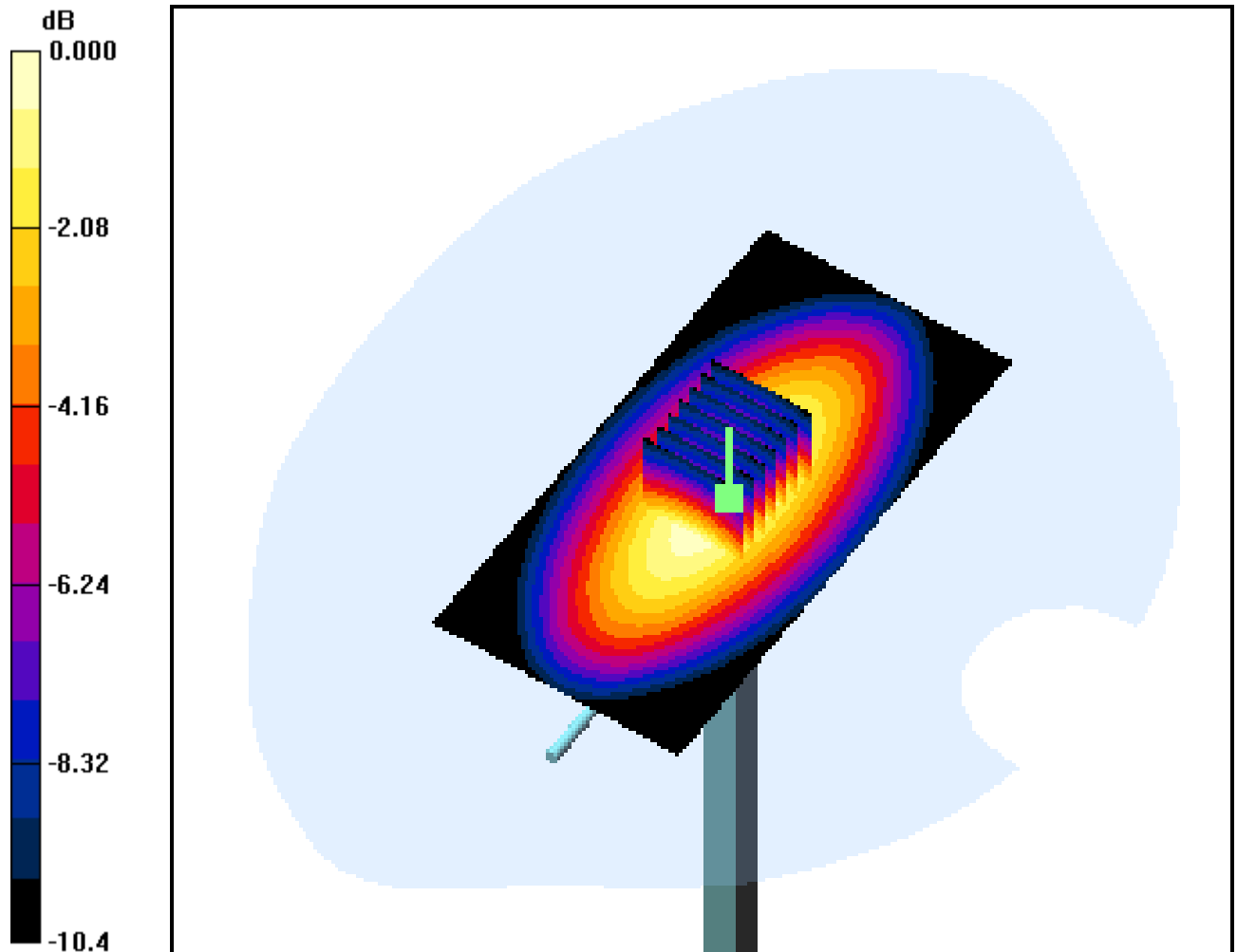
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.015 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.61 mW/g



0 dB = 2.63mW/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: $f = 1900 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

Dipole Validation

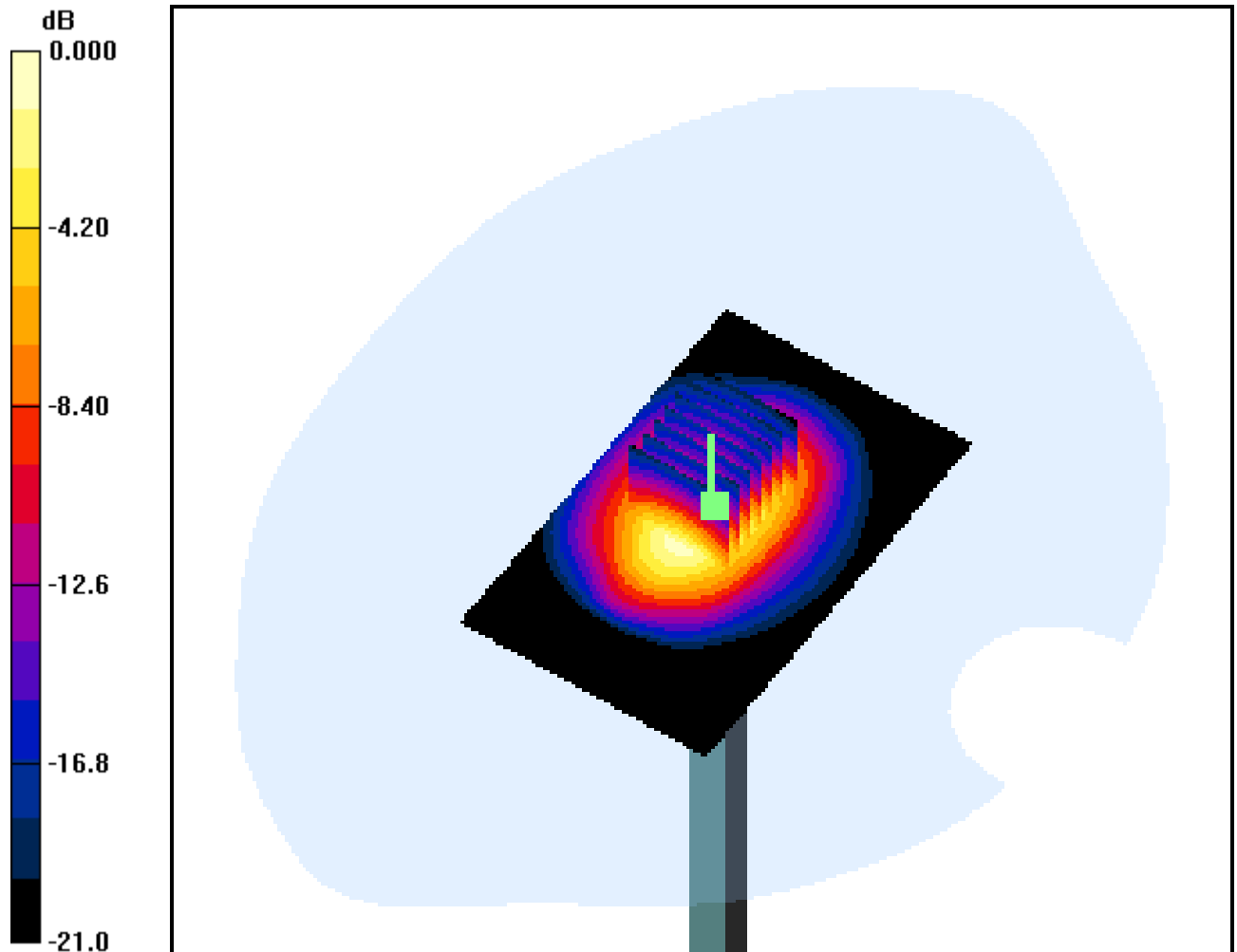
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.061 dB

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 9.83 mW/g; SAR(10 g) = 4.84 mW/g



0 dB = 11.2mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

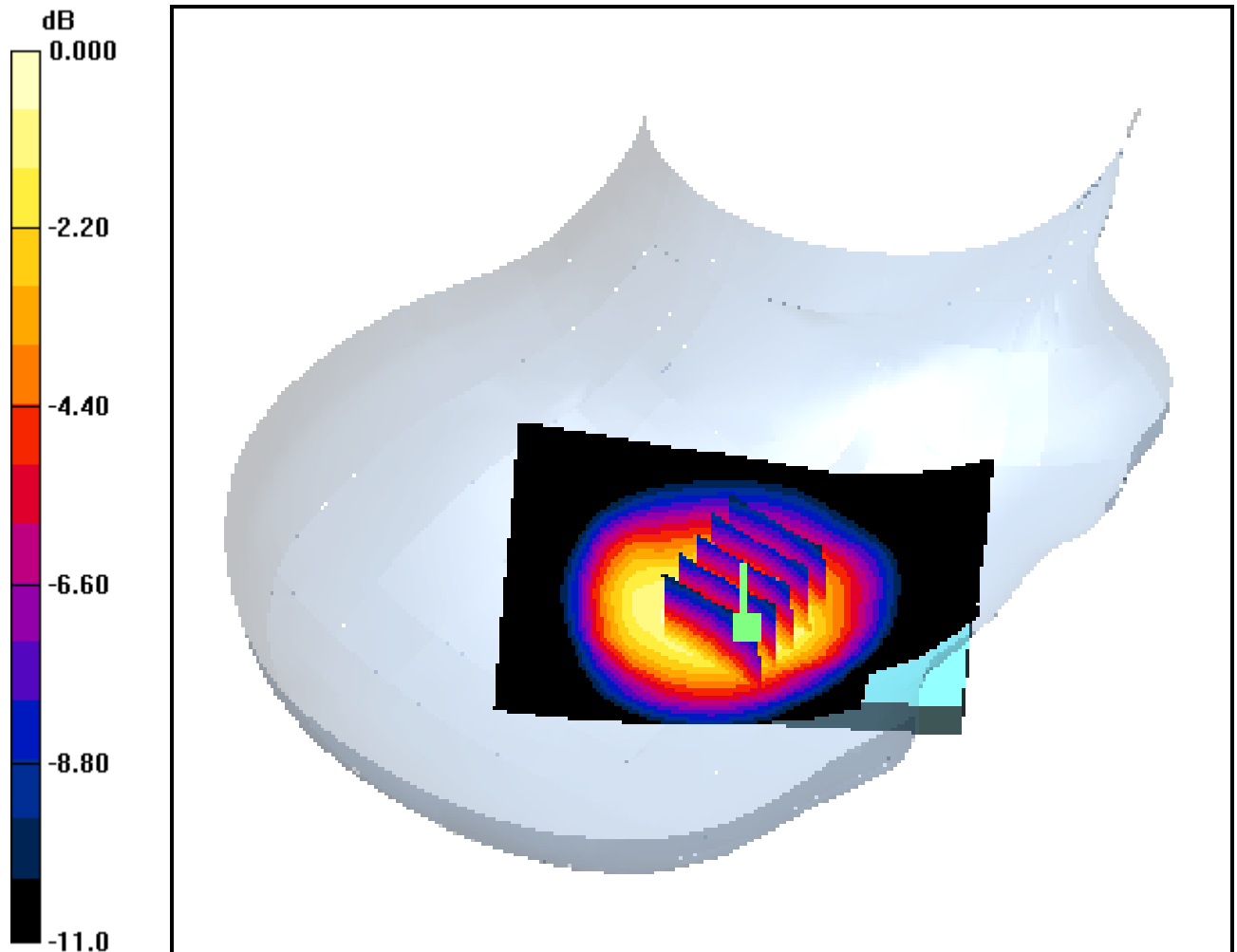
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.847 W/kg

SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.419 mW/g



0 dB = 0.648mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

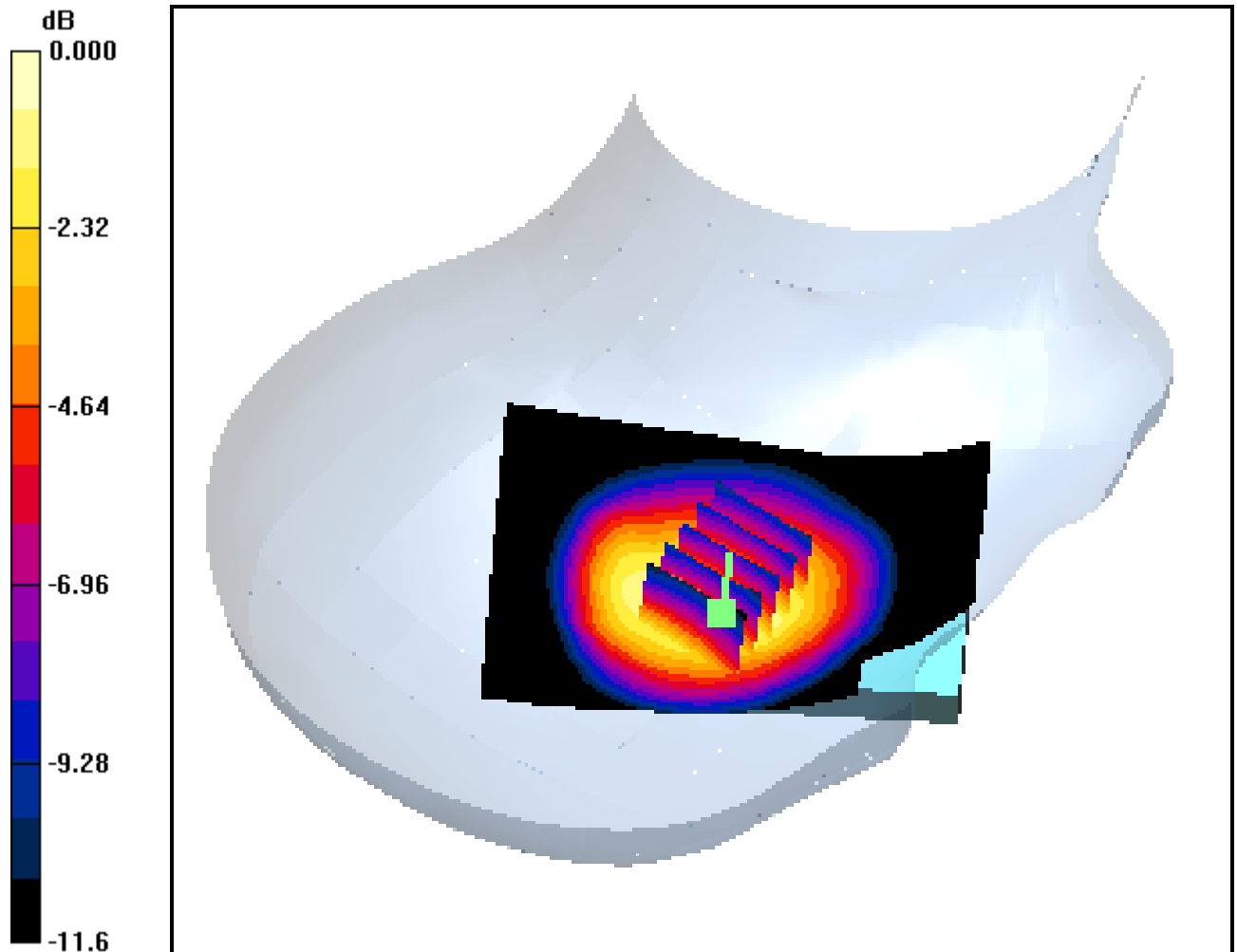
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.624 mW/g



0 dB = 0.974mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.918 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

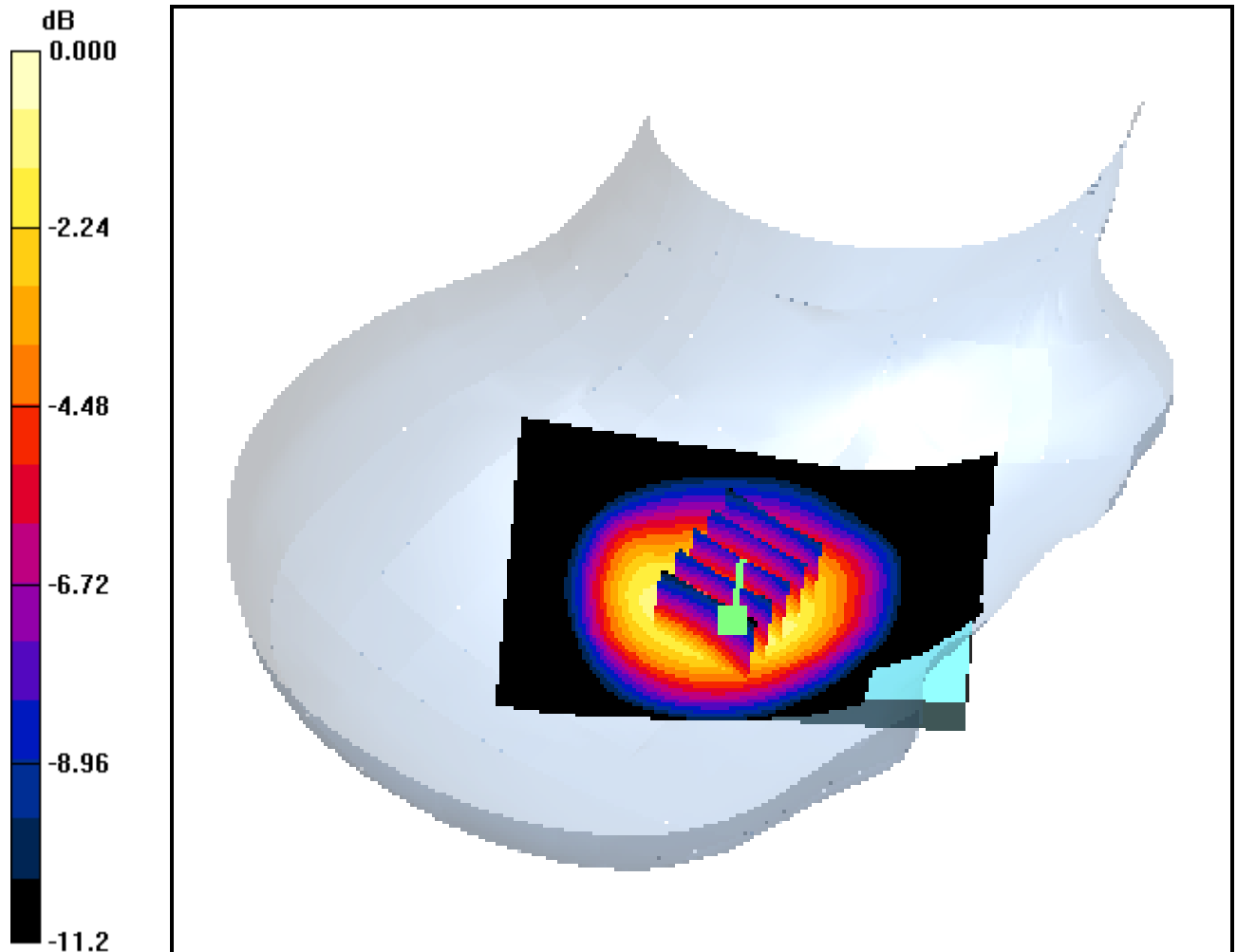
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.106 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.790 mW/g



0 dB = 1.23mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

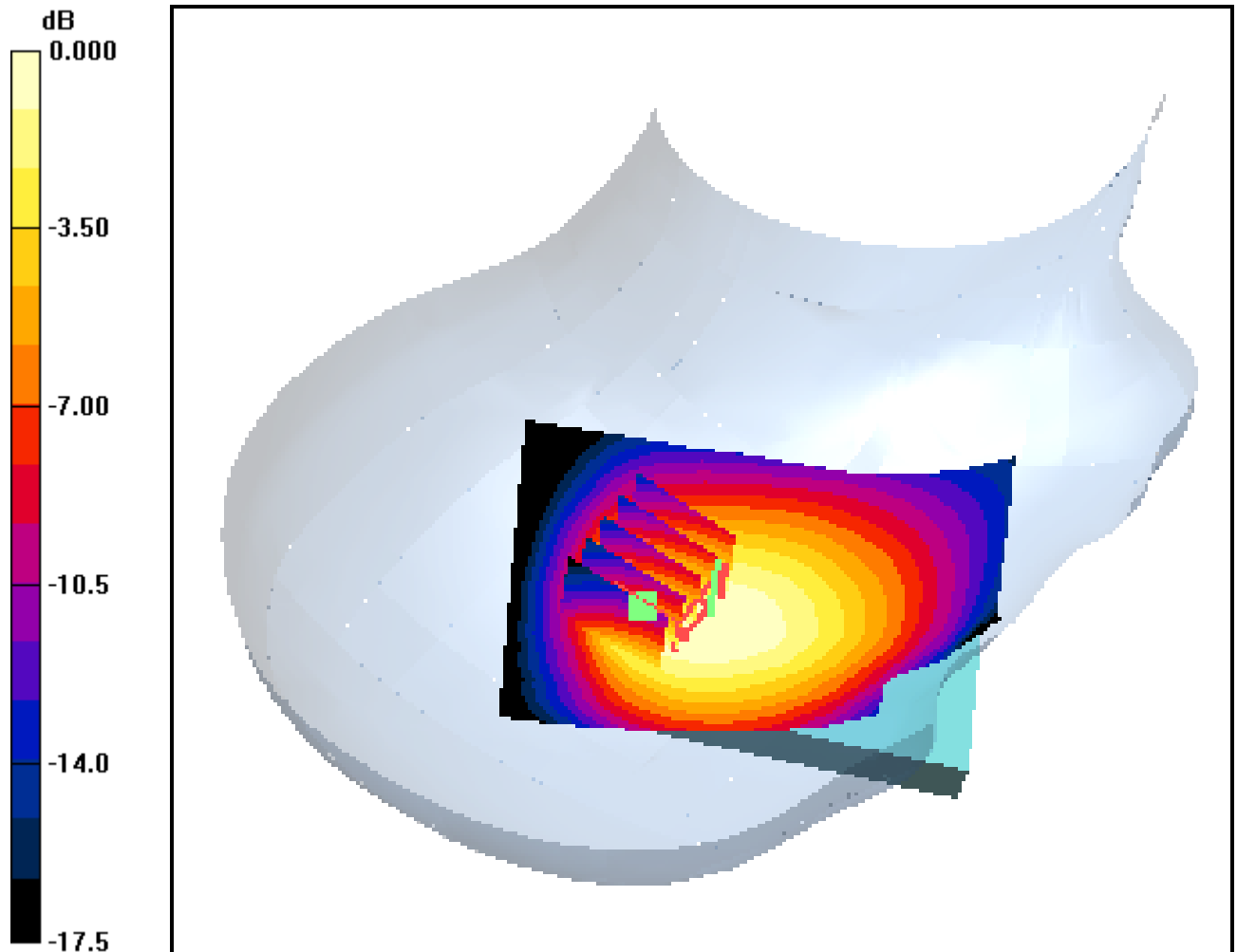
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.292 mW/g



0 dB = 0.490mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.896 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

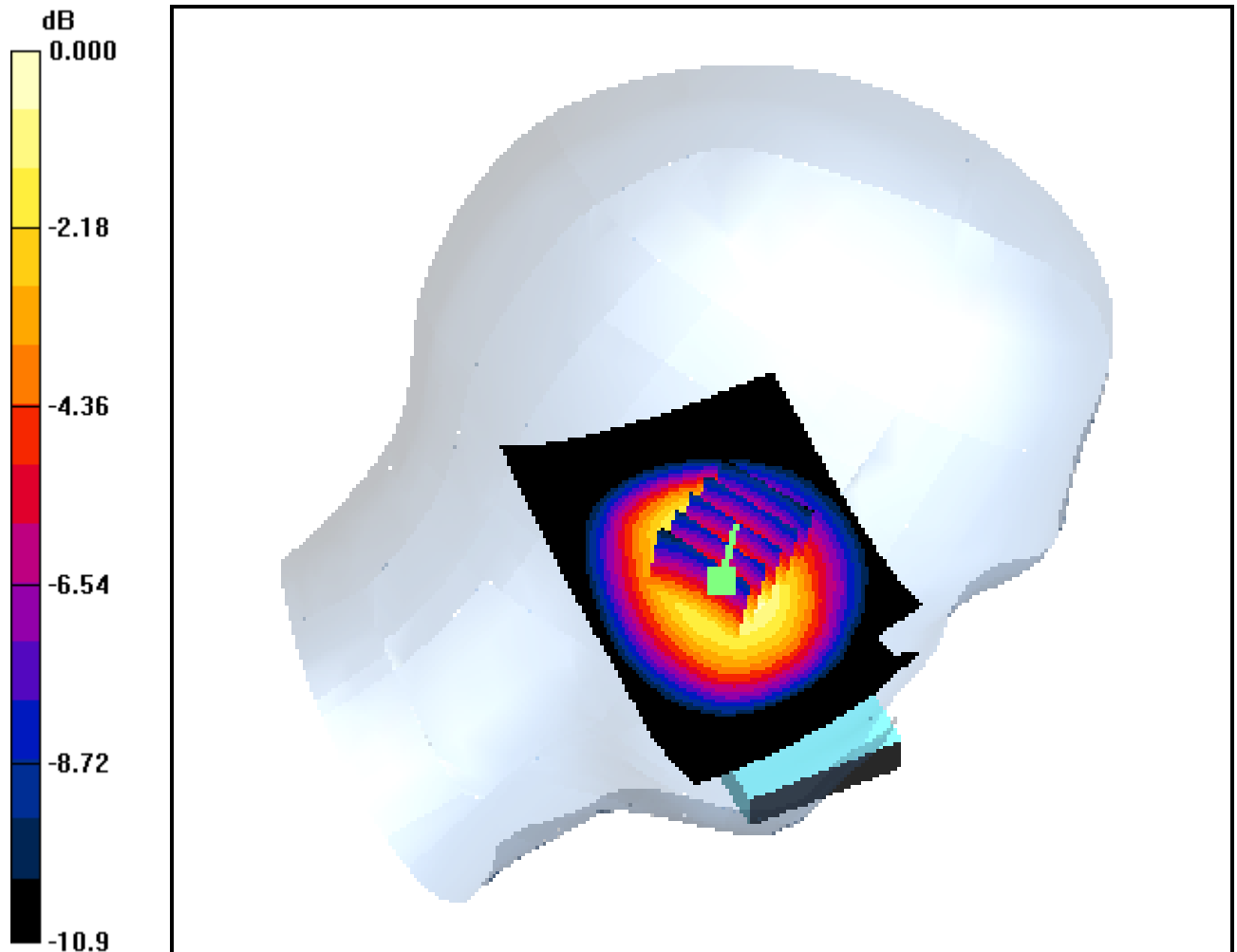
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.399 mW/g



0 dB = 0.619mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

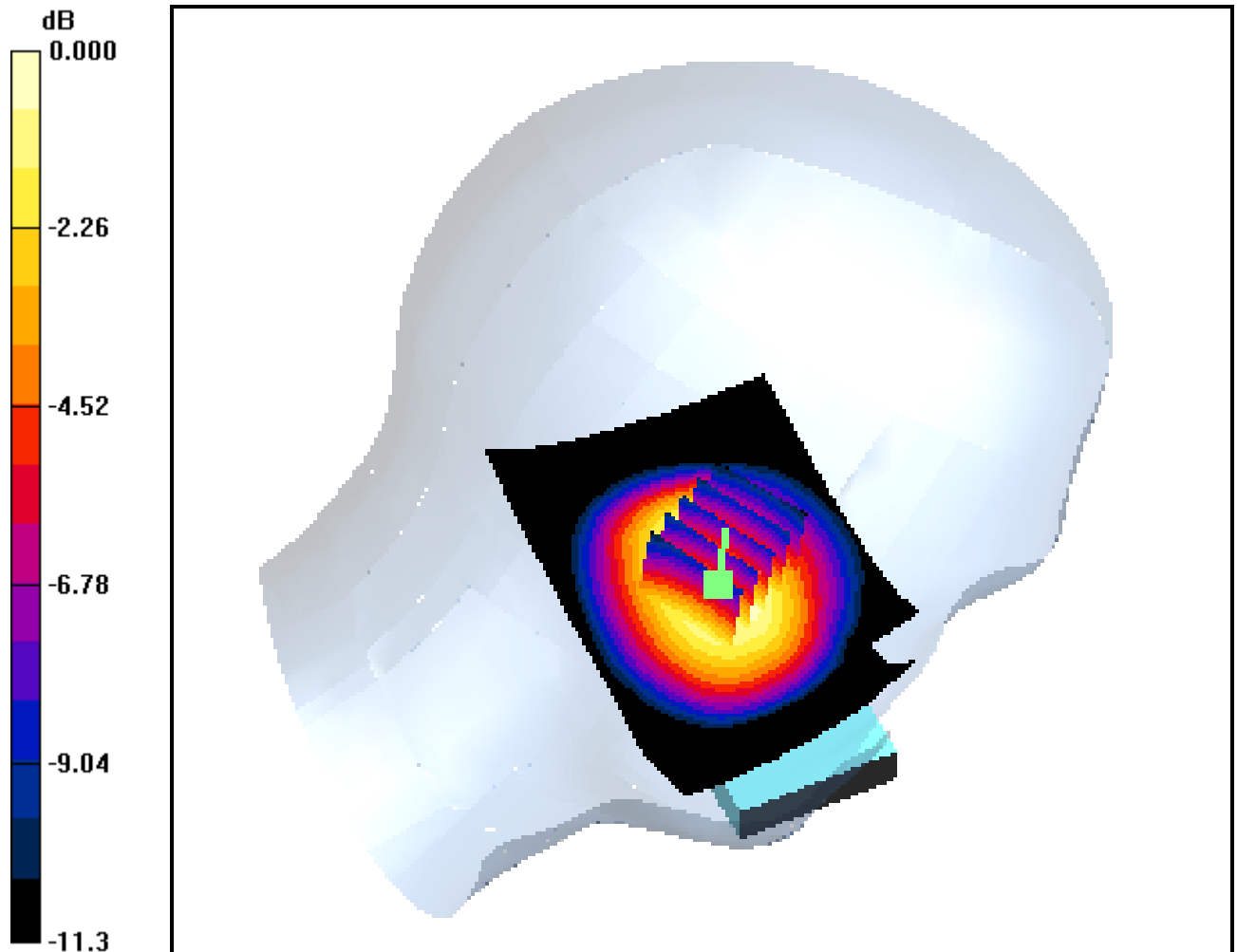
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.092 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.839 mW/g; SAR(10 g) = 0.570 mW/g



0 dB = 0.886mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.918 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

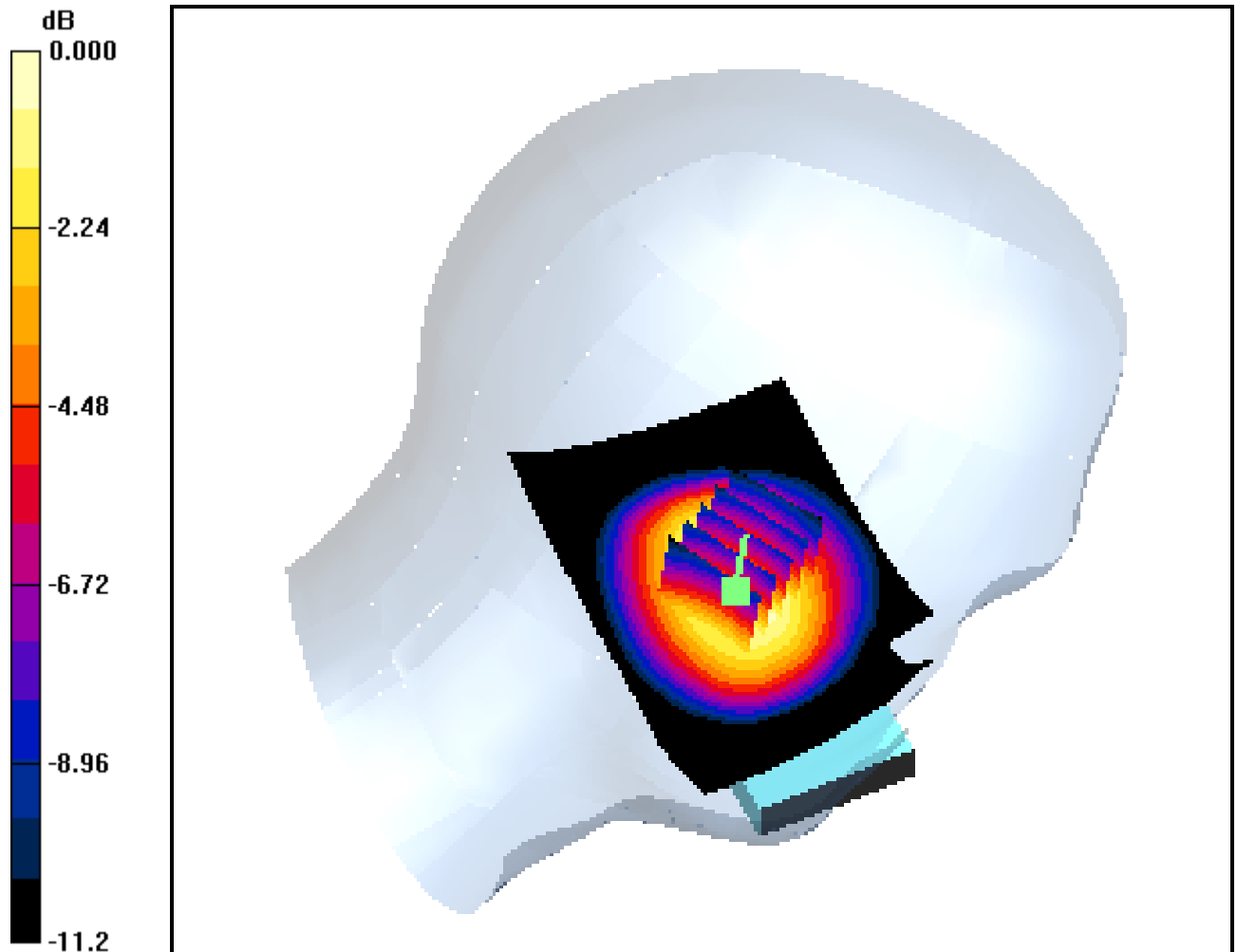
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.56 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.766 mW/g



0 dB = 1.19mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

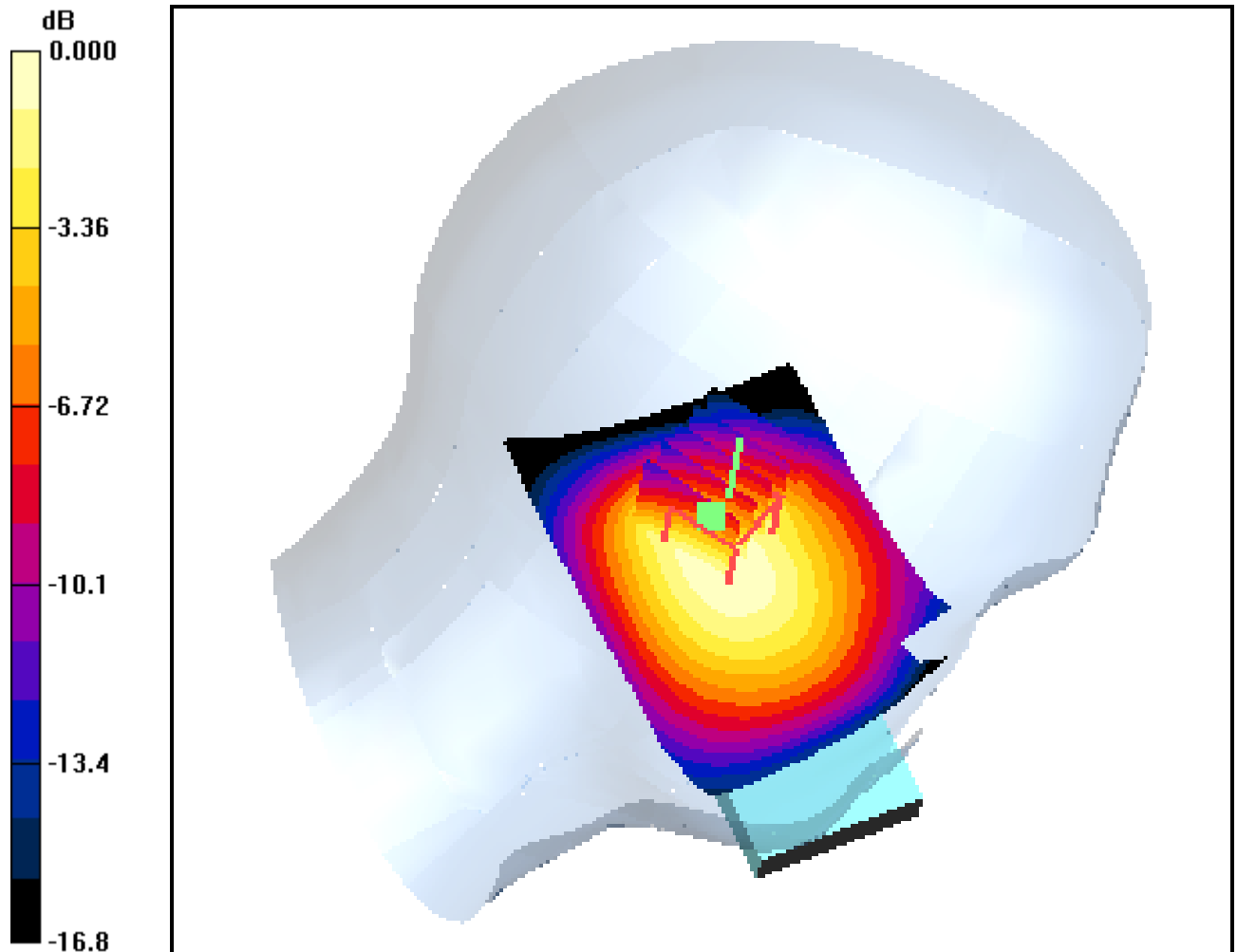
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.327 mW/g



0 dB = 0.522mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.918 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

Right Touch GSM Ch.251, Ant Internal, Standard Battery with BT on

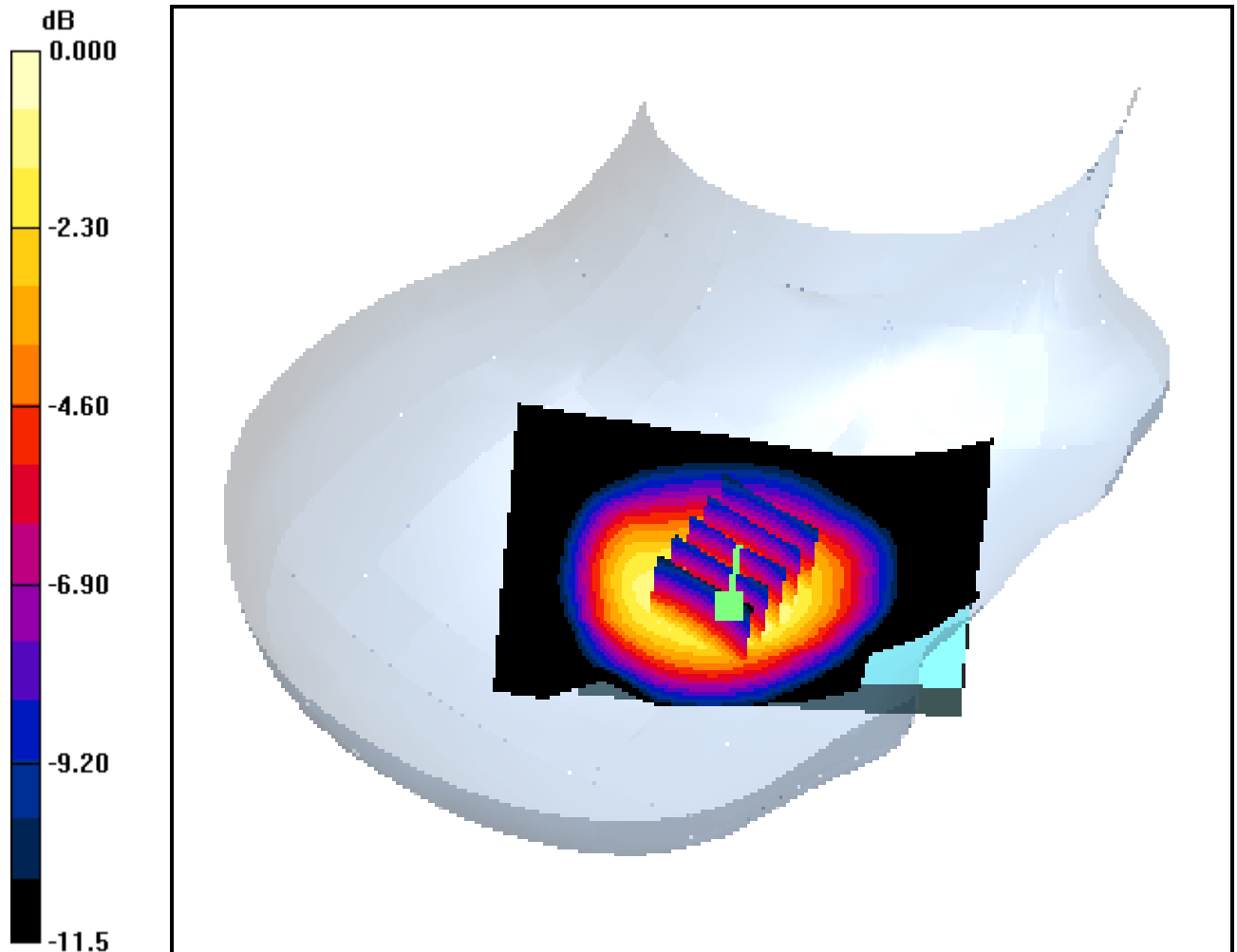
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.251 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.830 mW/g



0 dB = 1.30mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.969 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

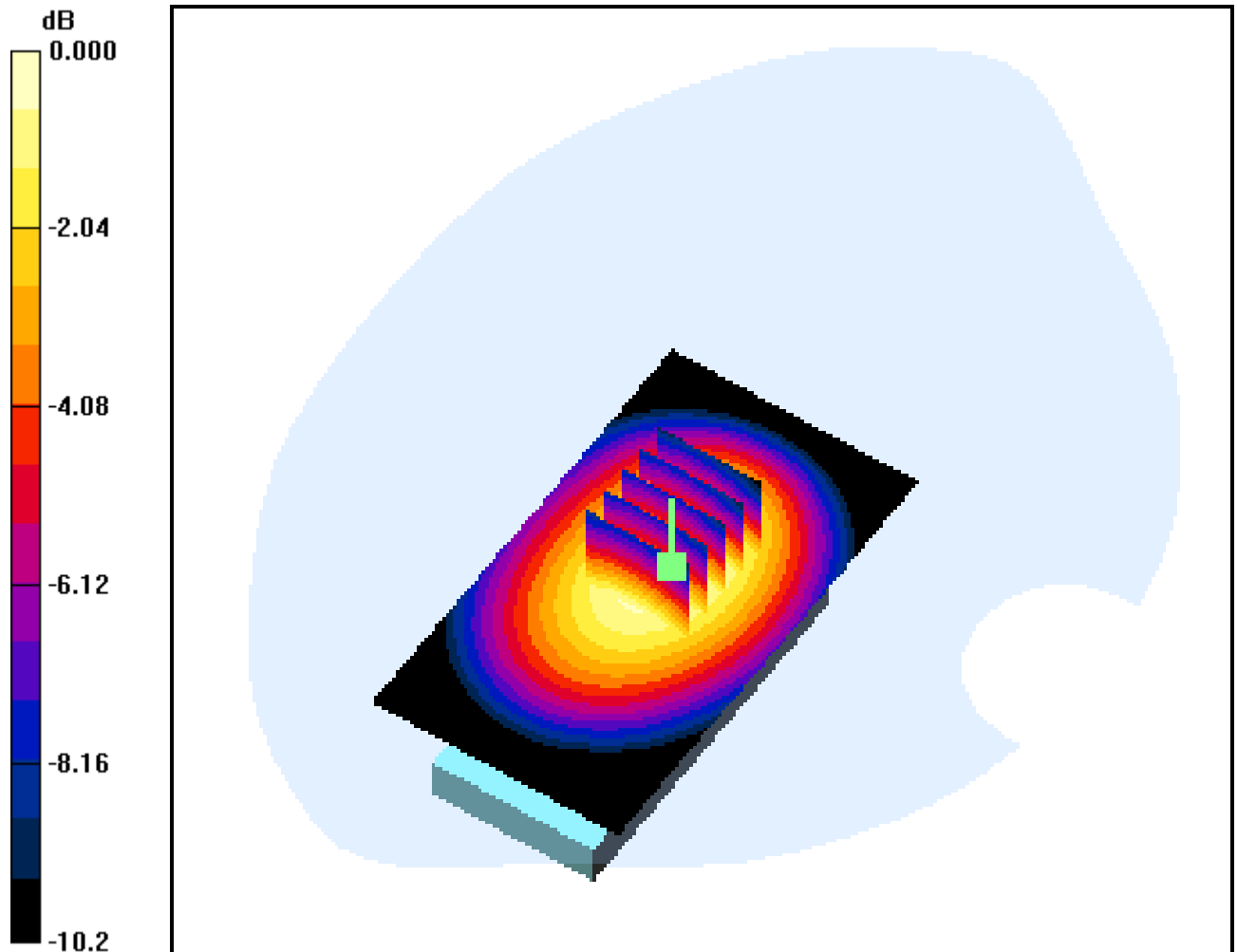
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.355 mW/g



0 dB = 0.531mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.981 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

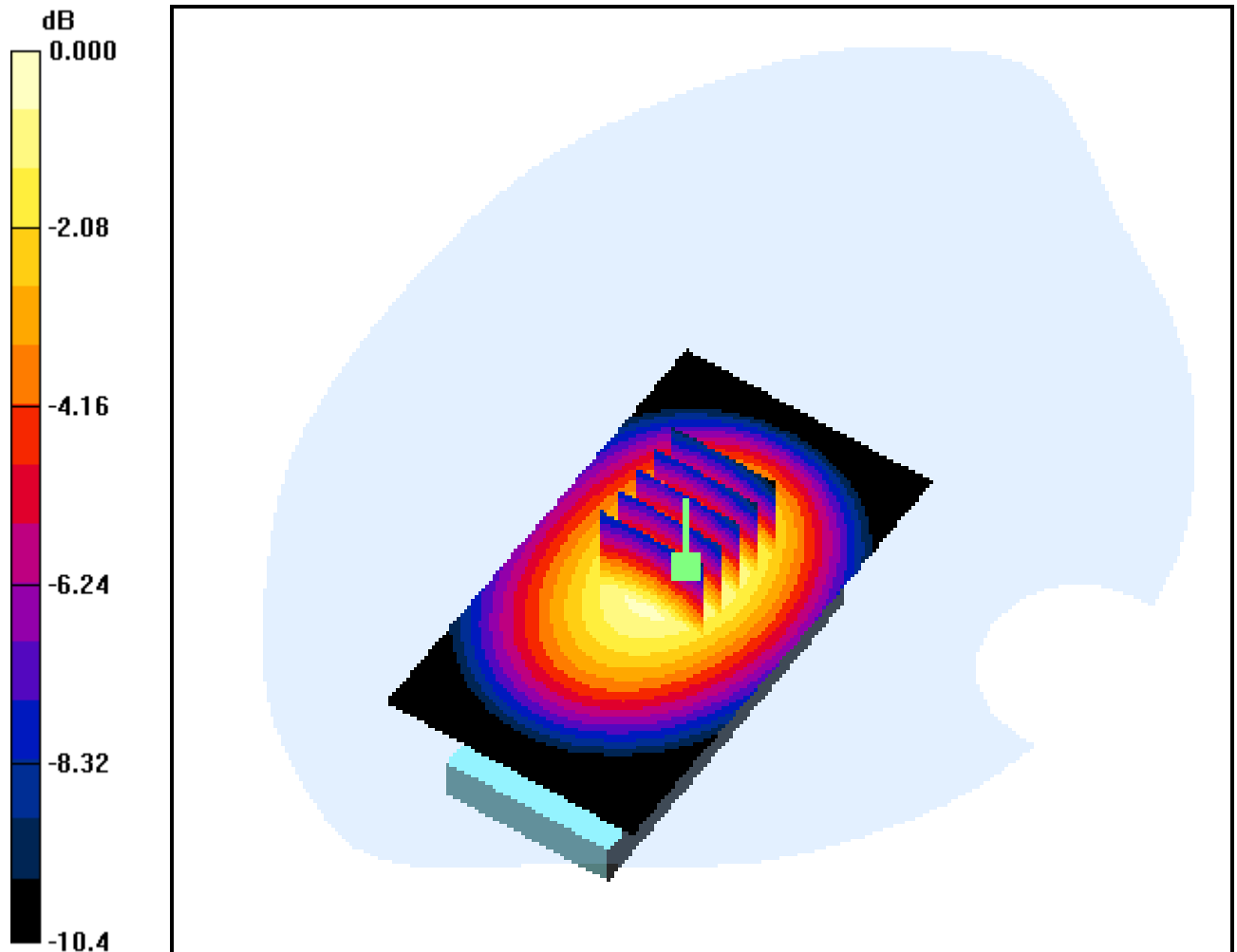
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.092 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.574 mW/g



0 dB = 0.858mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

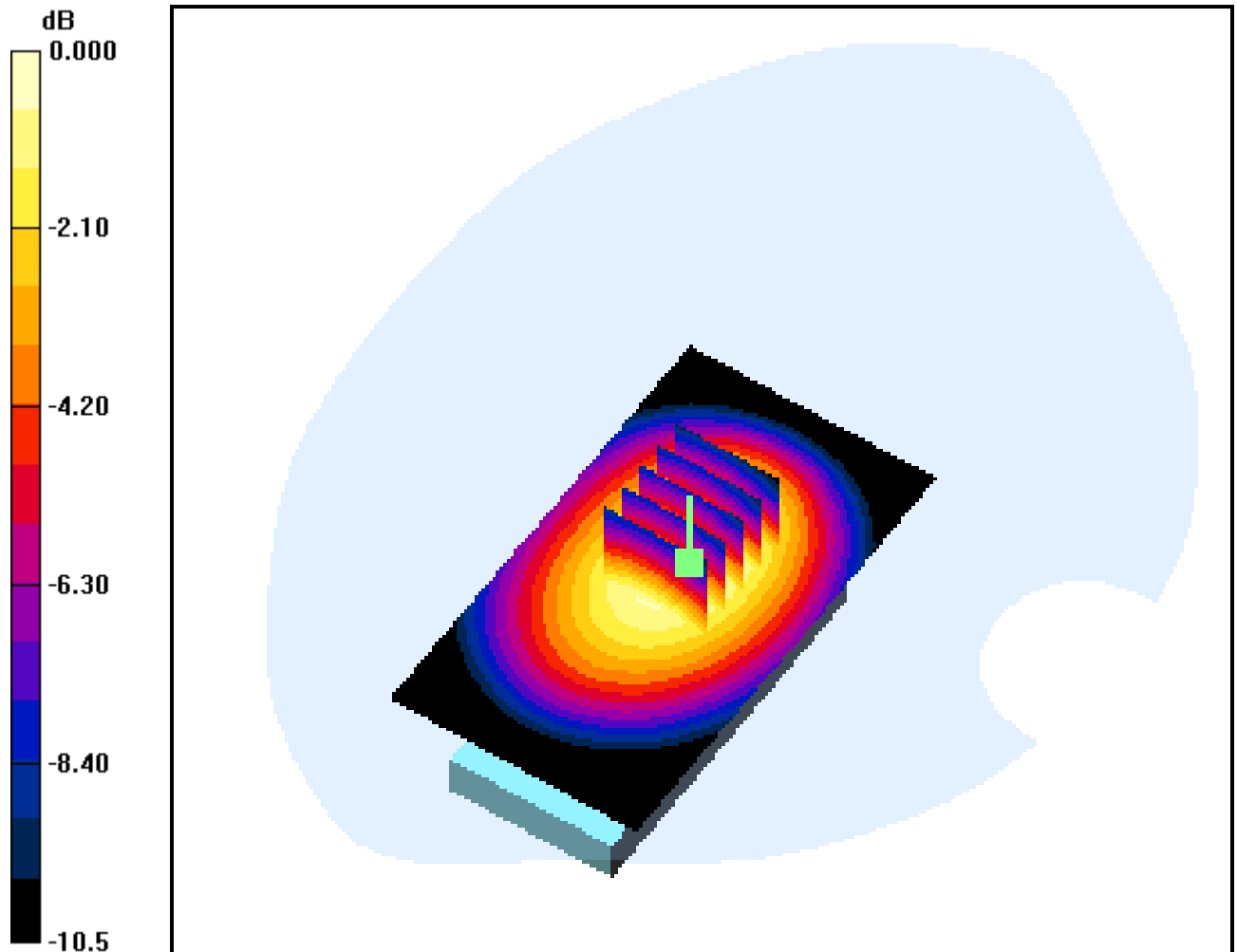
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.778 mW/g



0 dB = 1.17mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

1.5cm from Body, GSM Ch.251, Ant Internal, Standard Battery GPRS Mode with BT on

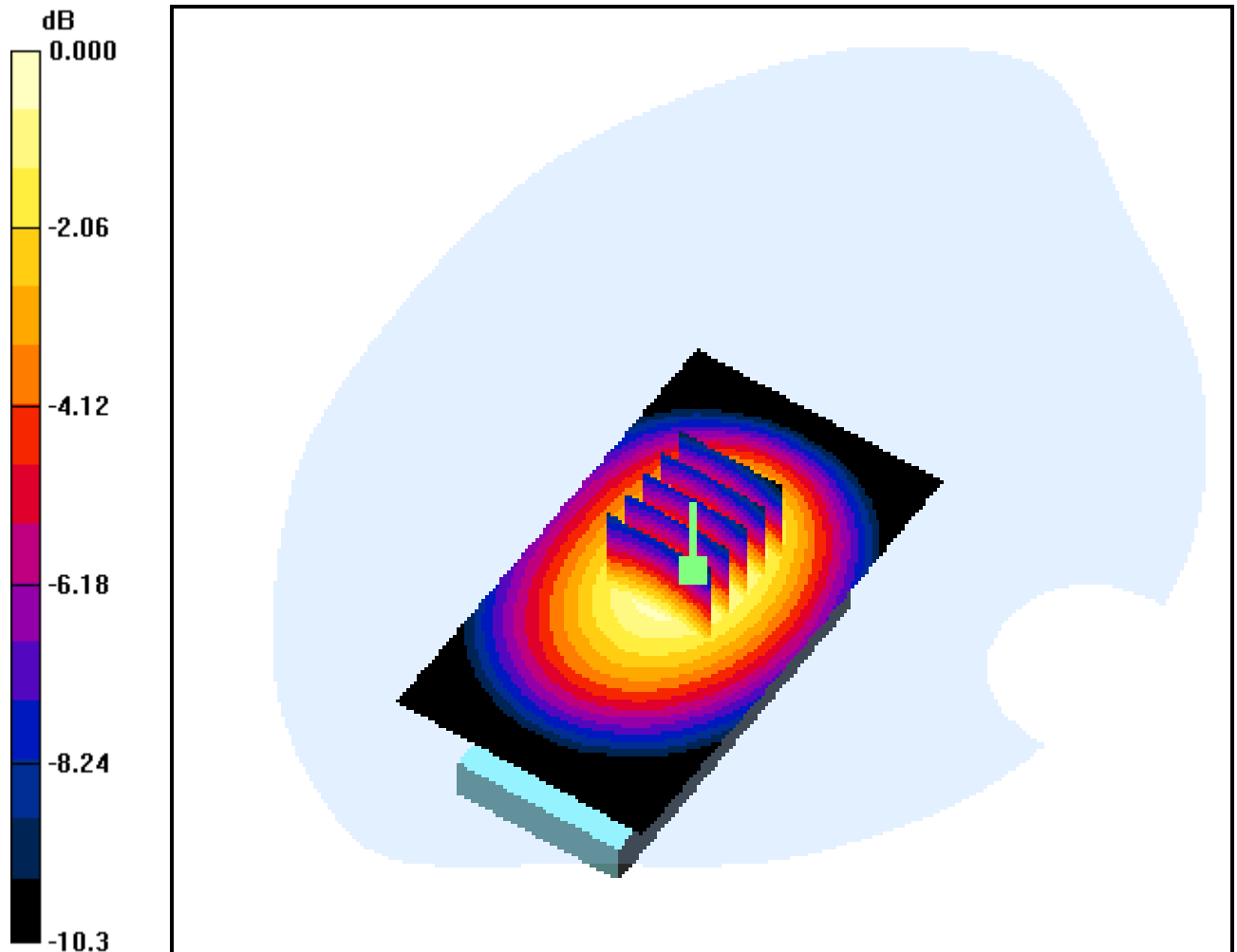
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.783 mW/g



0 dB = 1.17mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

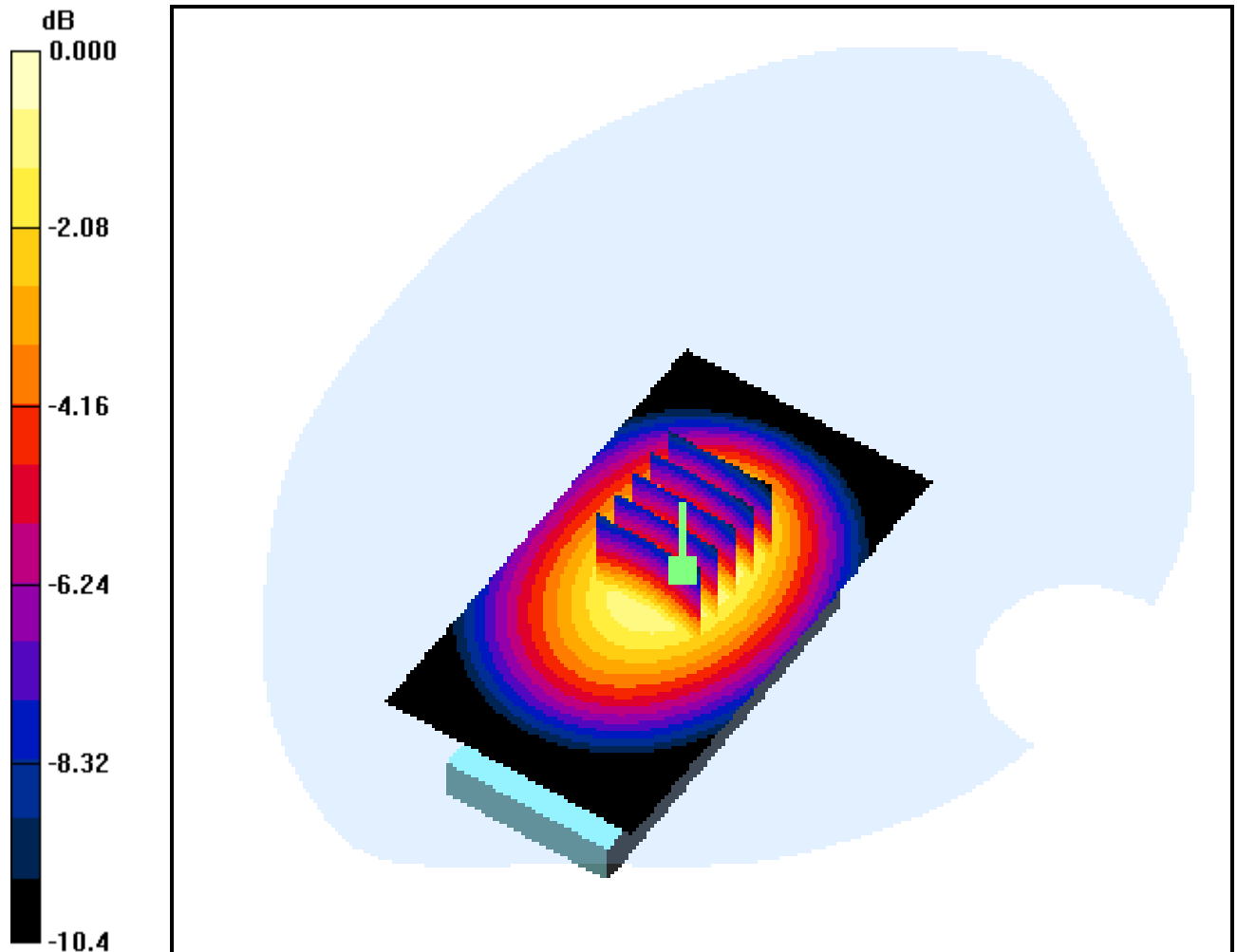
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.188 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.265 mW/g



0 dB = 0.401mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

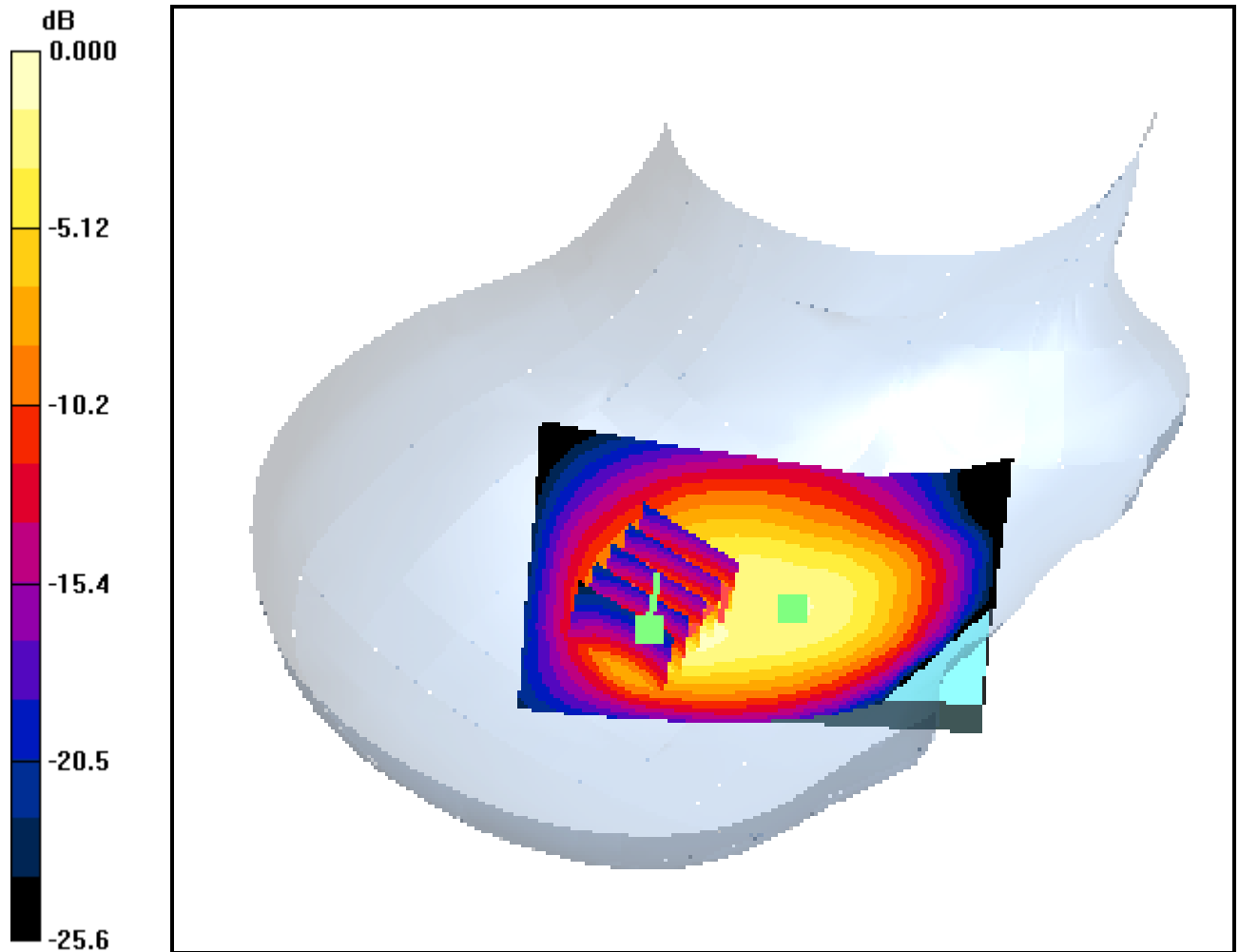
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.17 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.263 mW/g



0 dB = 0.597mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

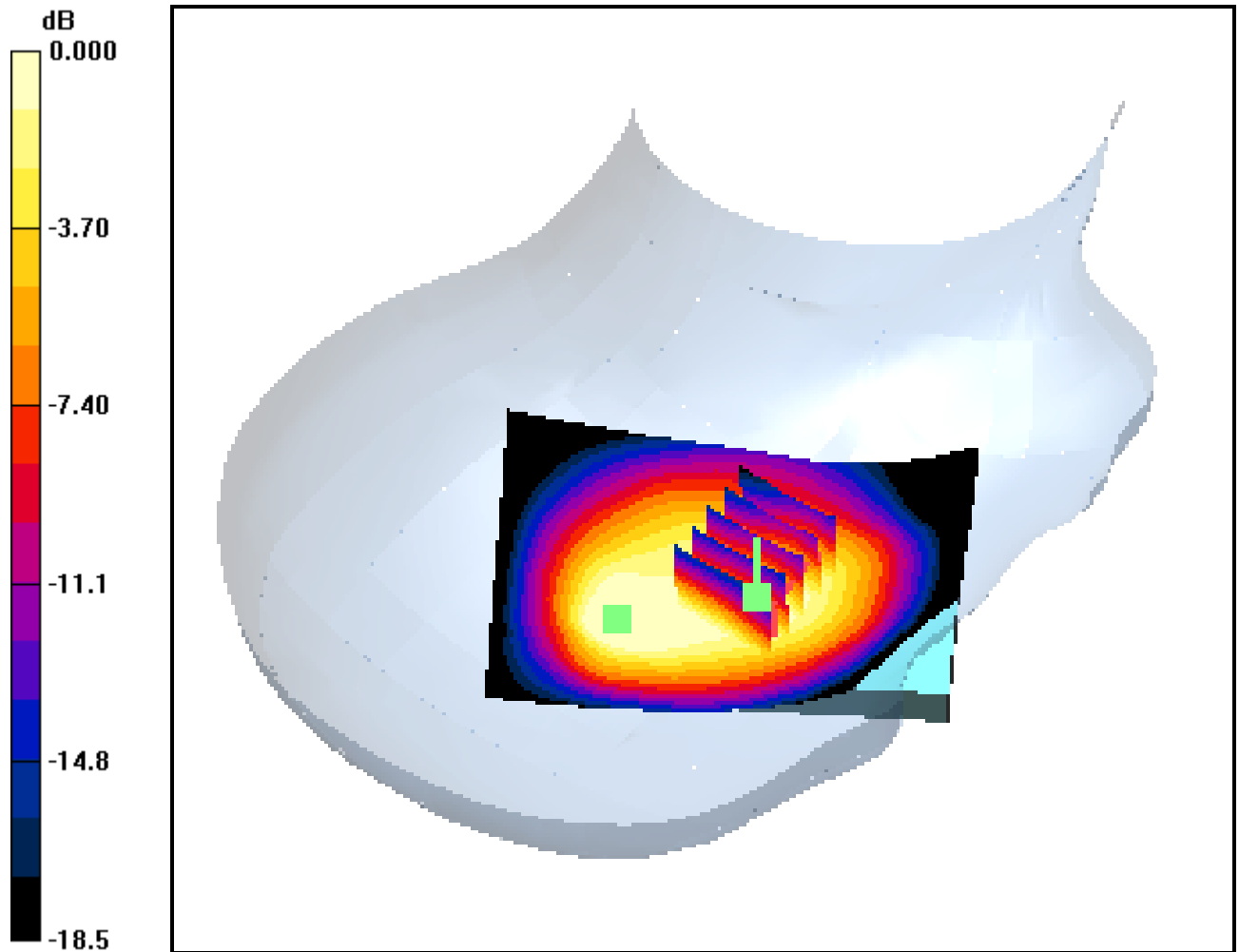
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.230 mW/g



0 dB = 0.419mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

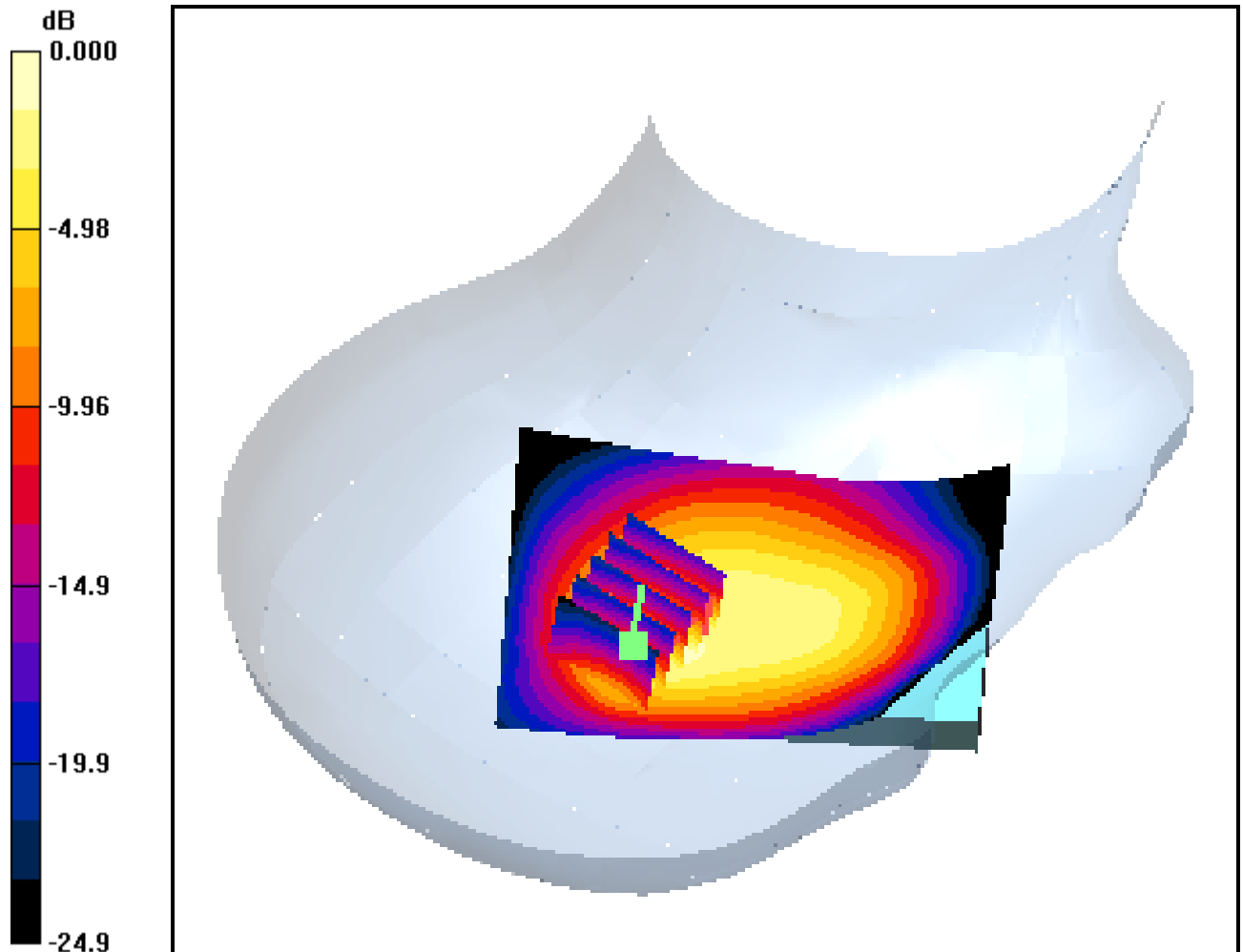
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.347 mW/g



0 dB = 0.808mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

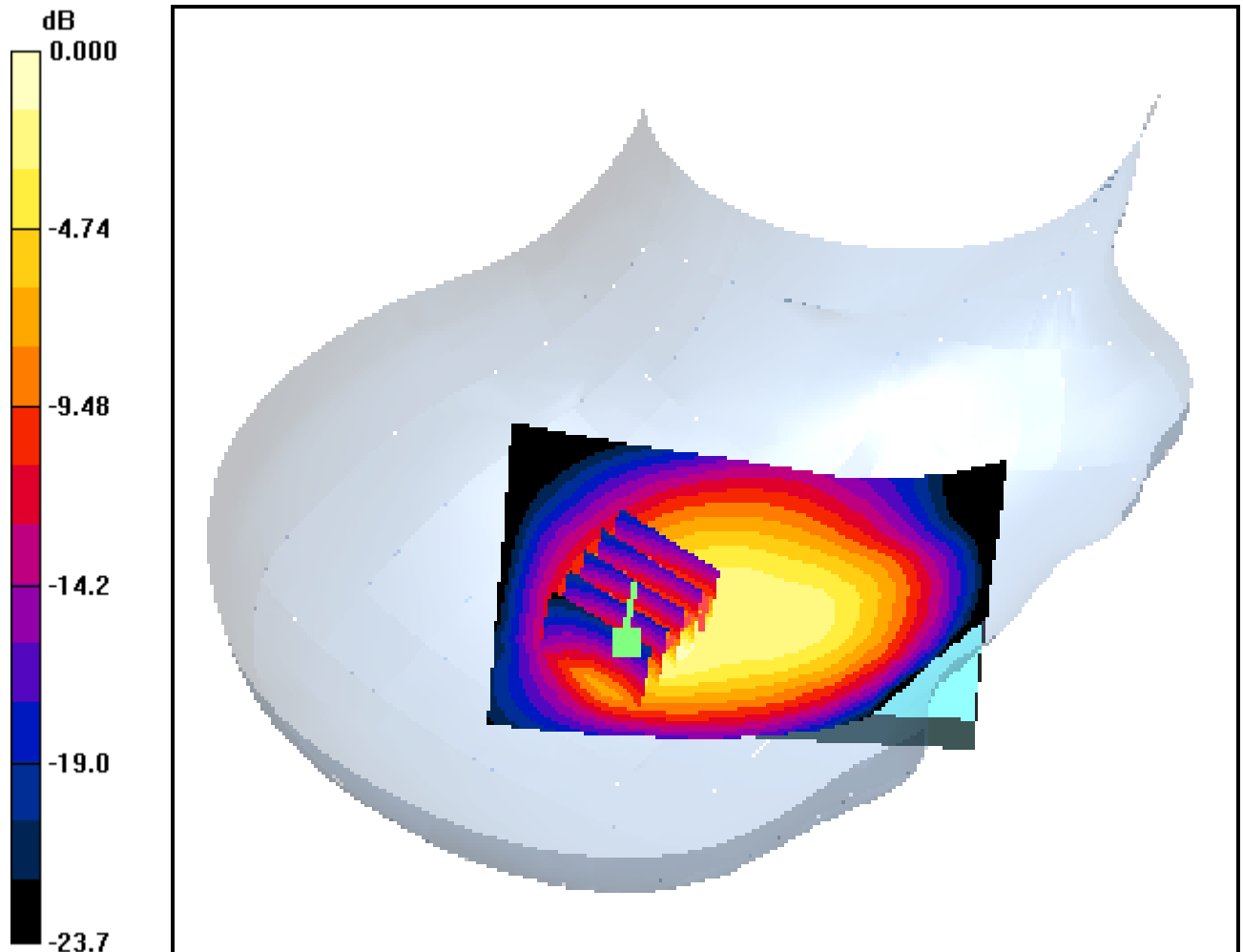
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.931 mW/g; SAR(10 g) = 0.458 mW/g



0 dB = 1.04mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

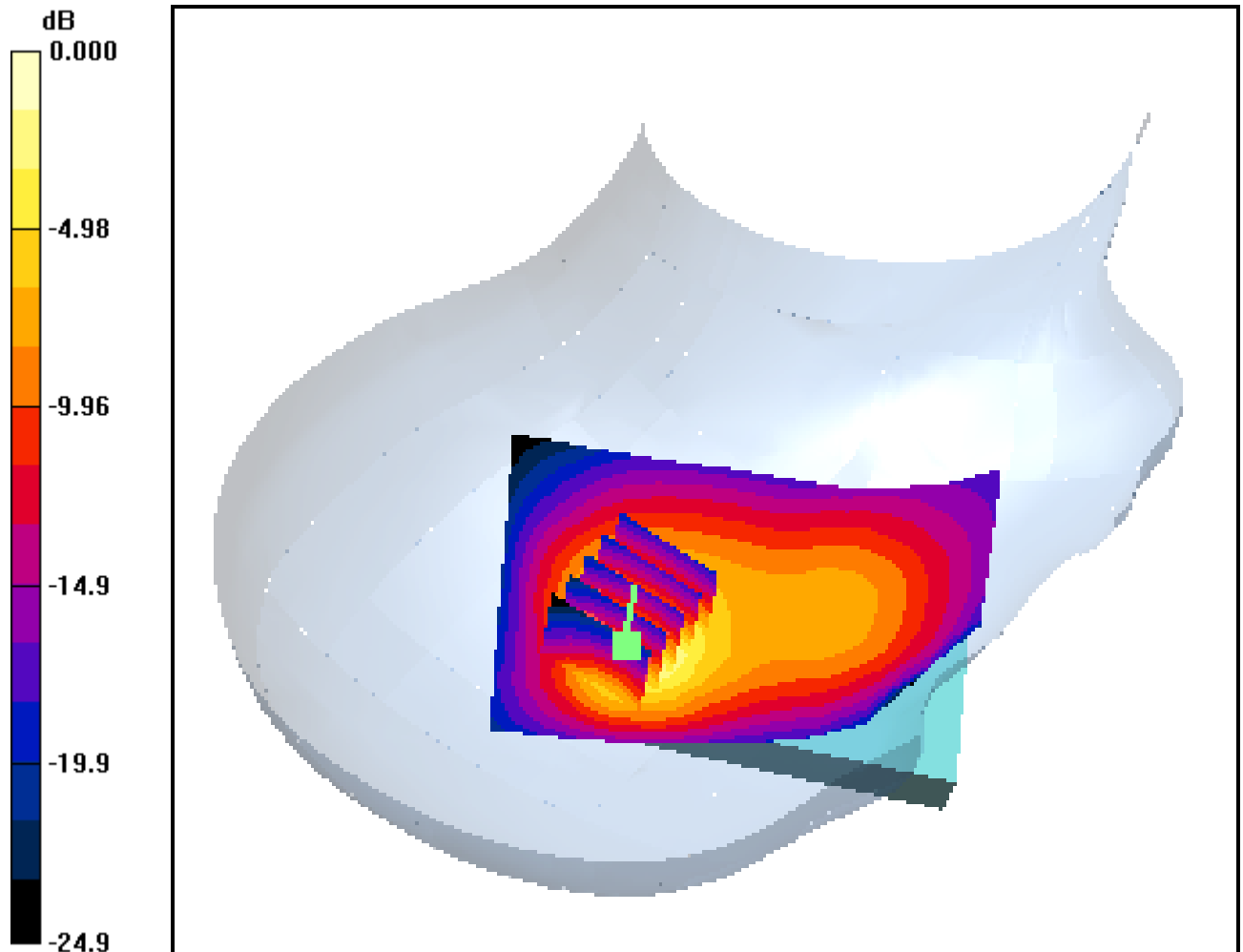
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.046 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.322 mW/g



0 dB = 0.761mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

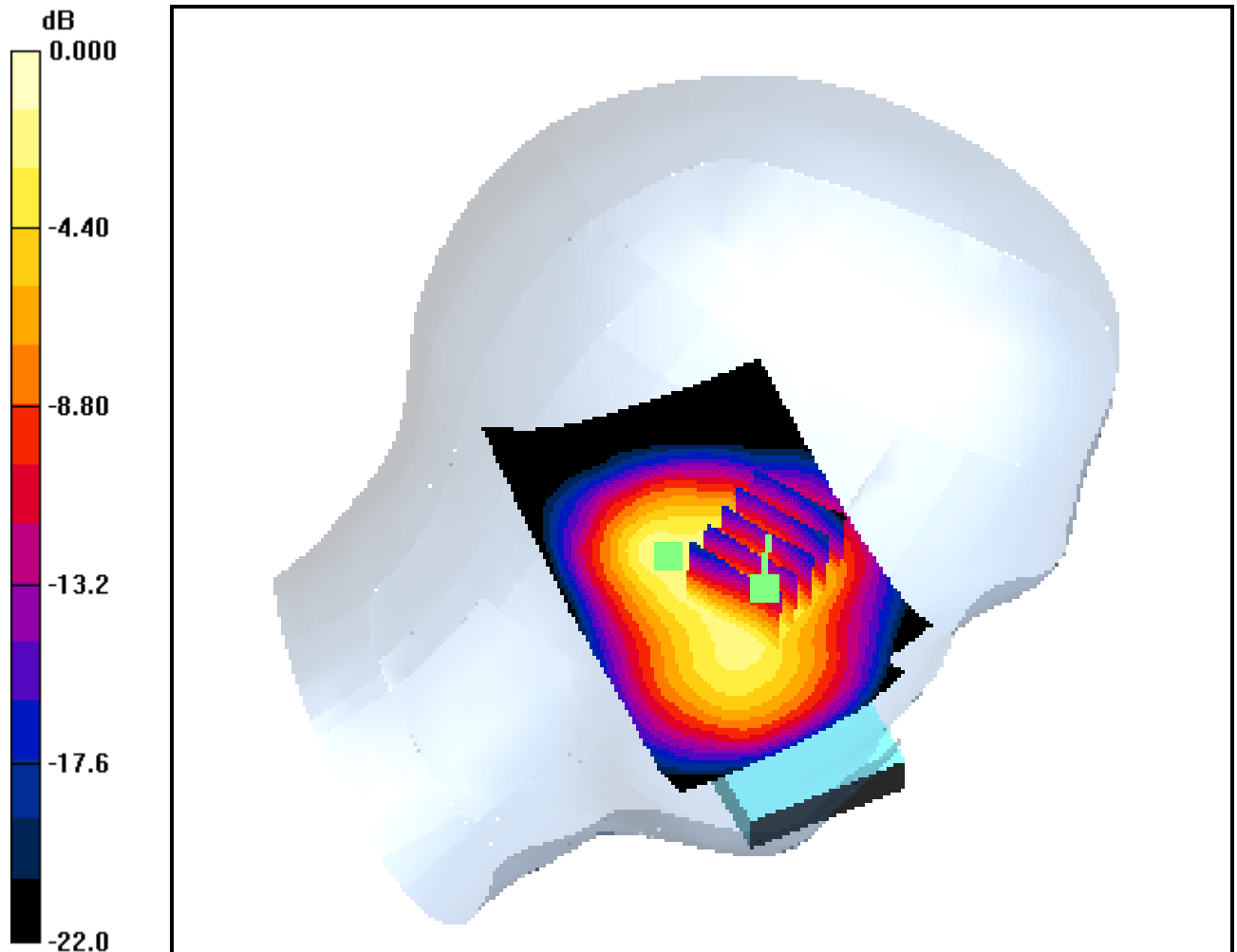
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.293 mW/g



0 dB = 0.603mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

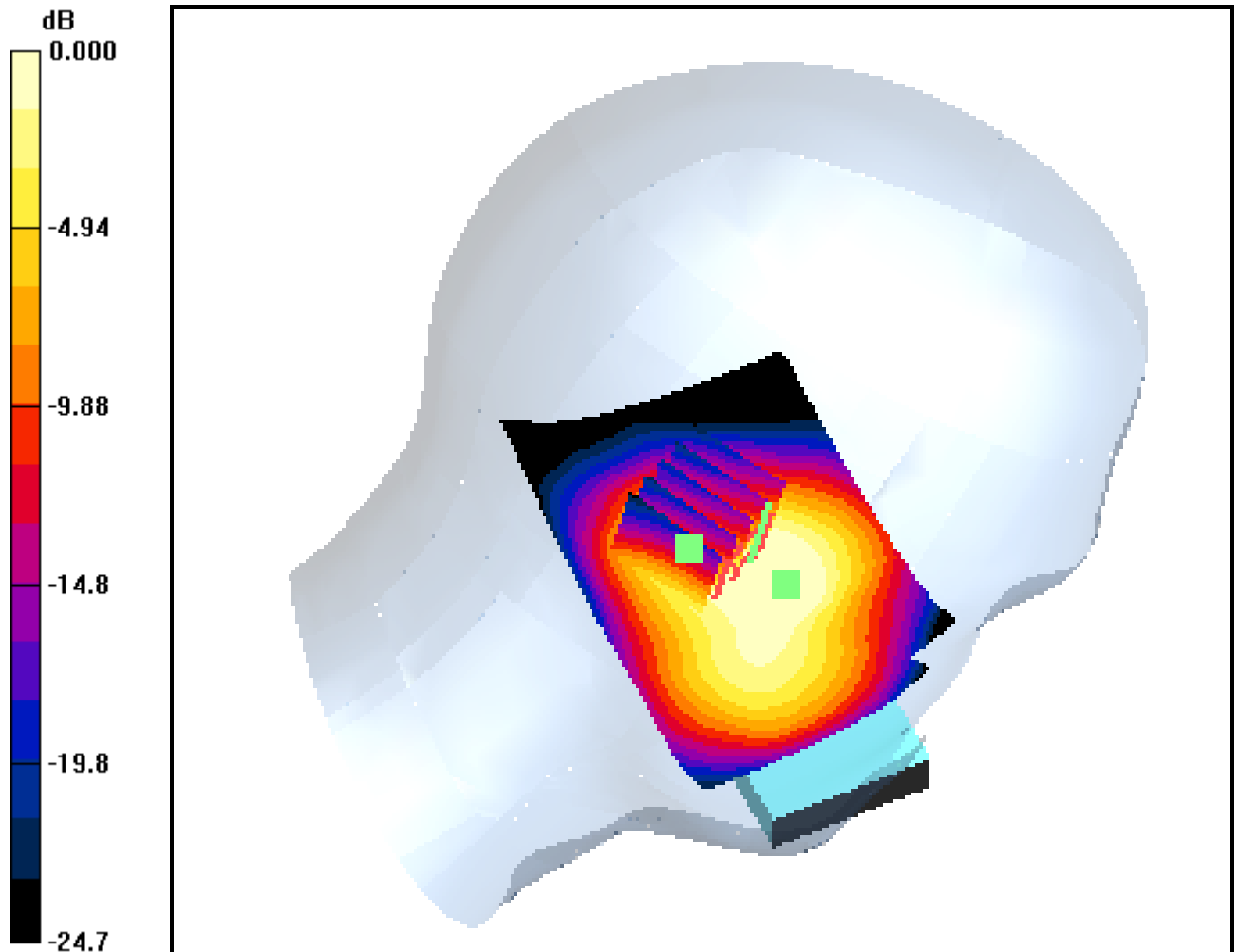
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.208 mW/g



0 dB = 0.458mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

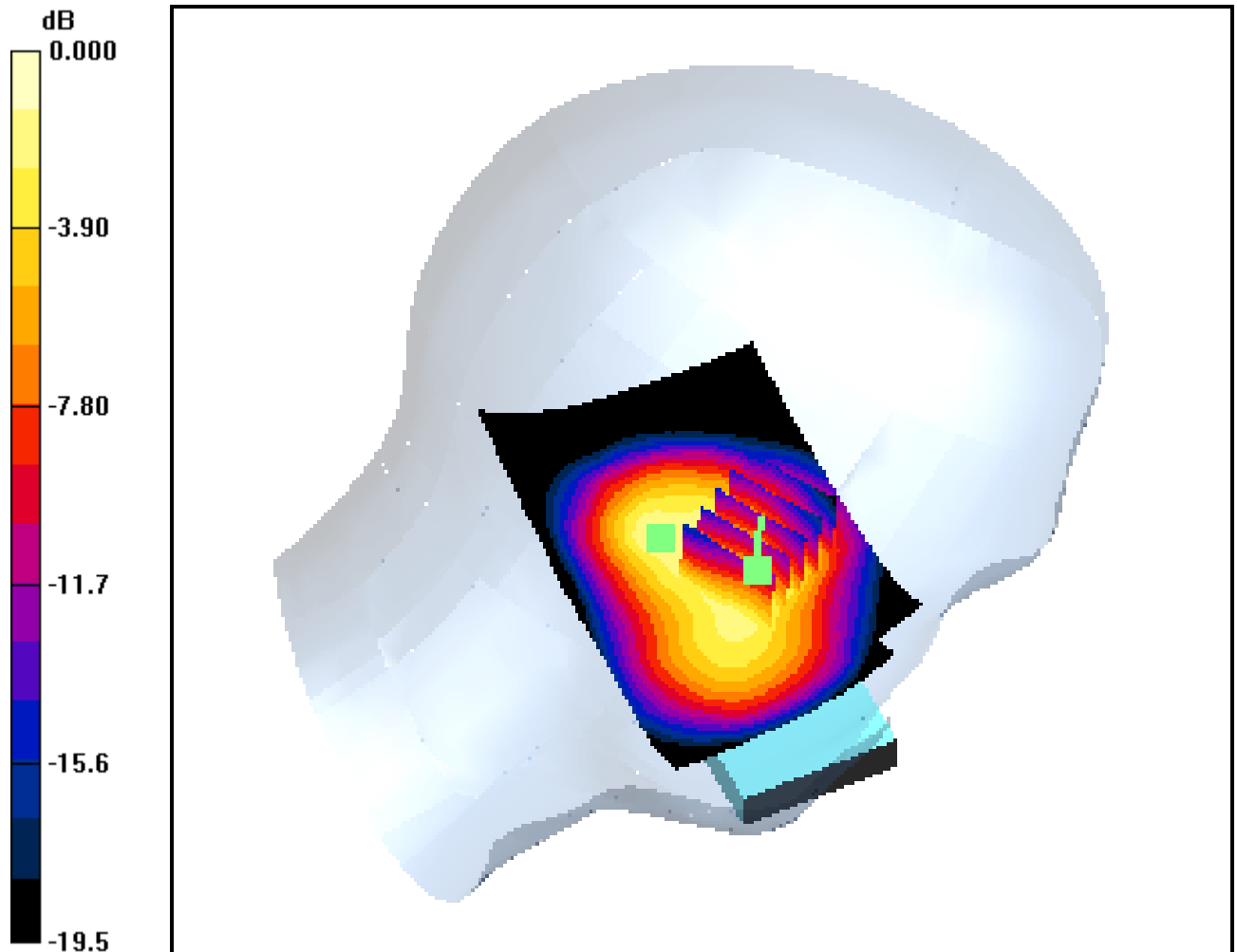
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.378 mW/g



0 dB = 0.720mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

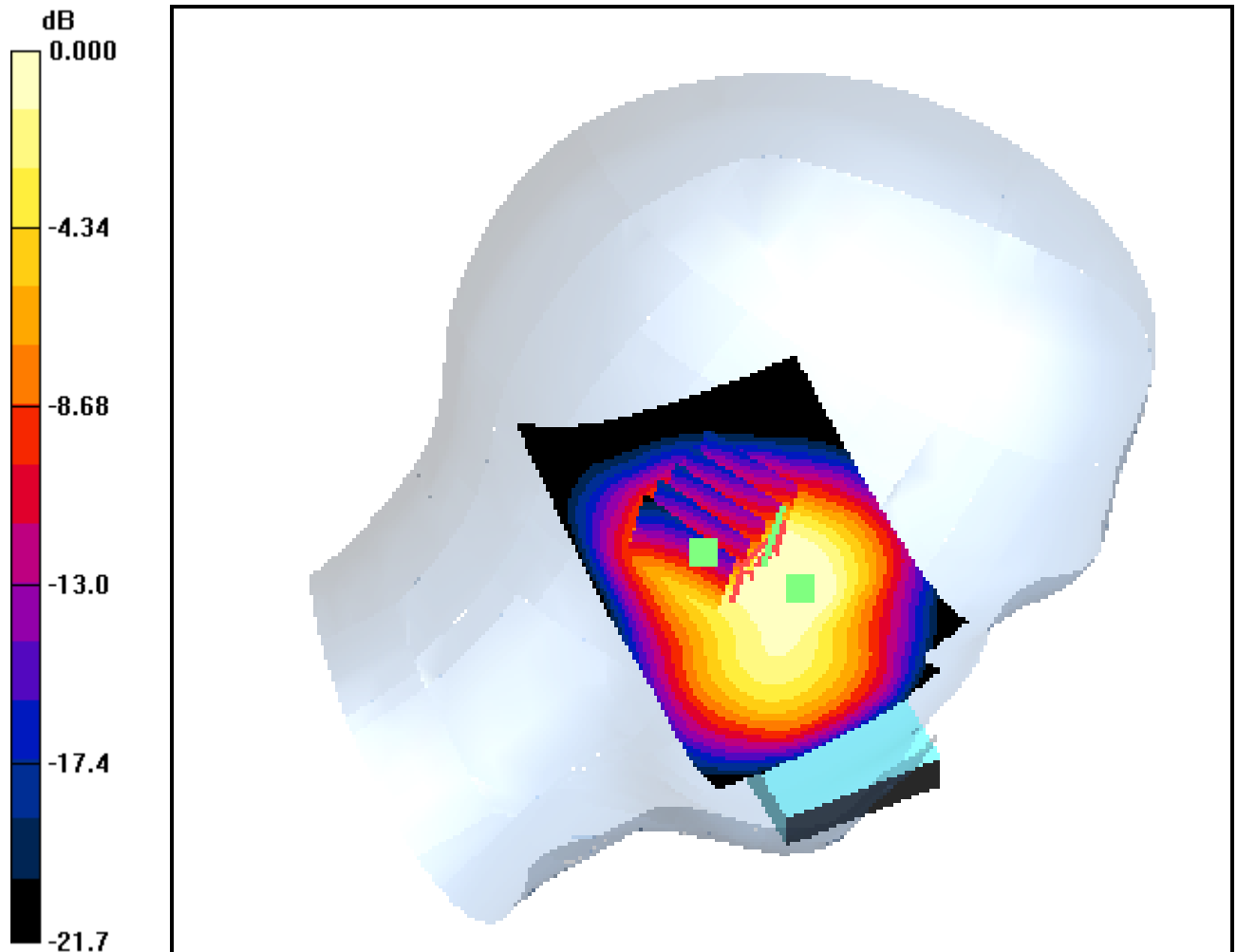
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.278 mW/g



0 dB = 0.572mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

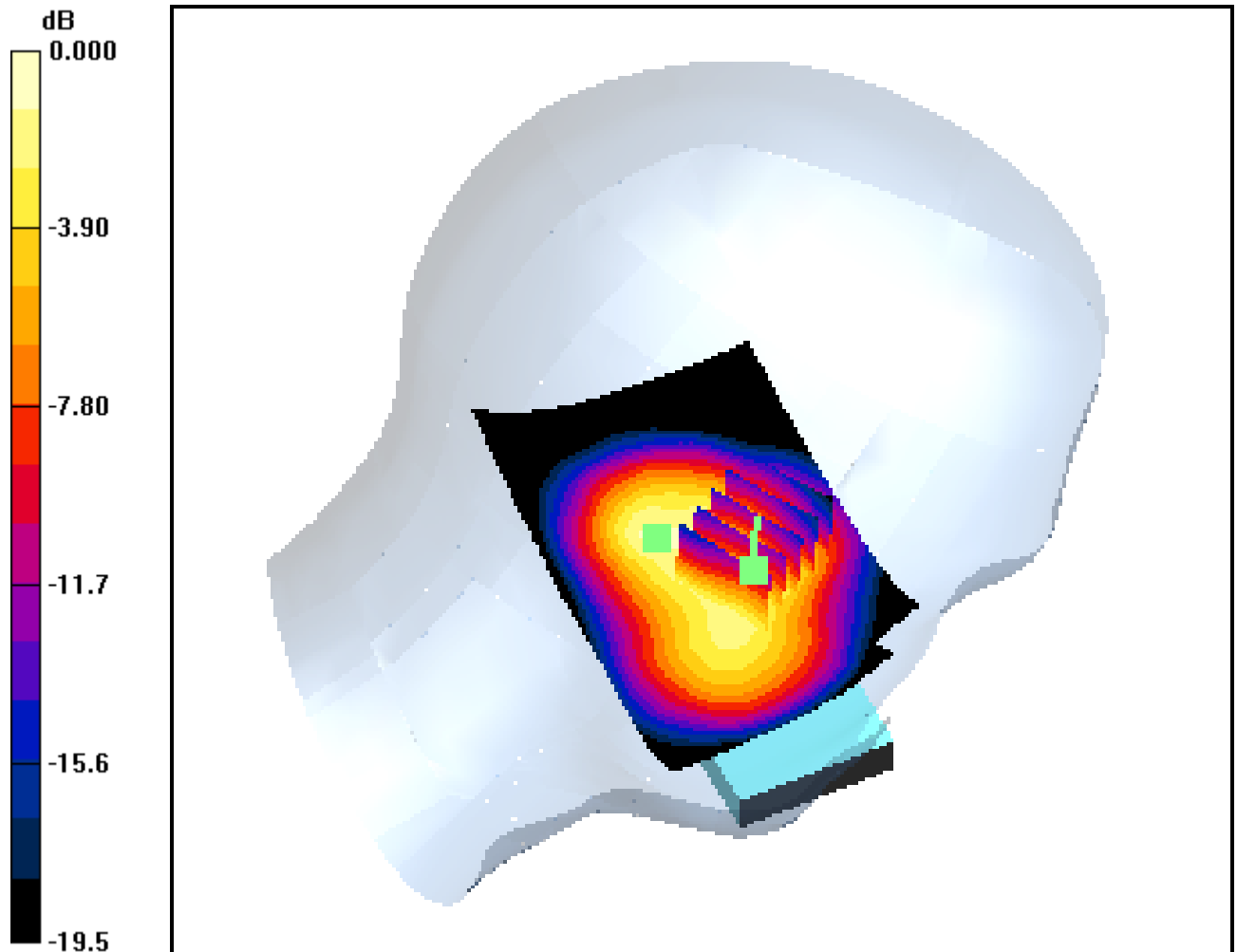
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.511 mW/g



0 dB = 0.964 mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

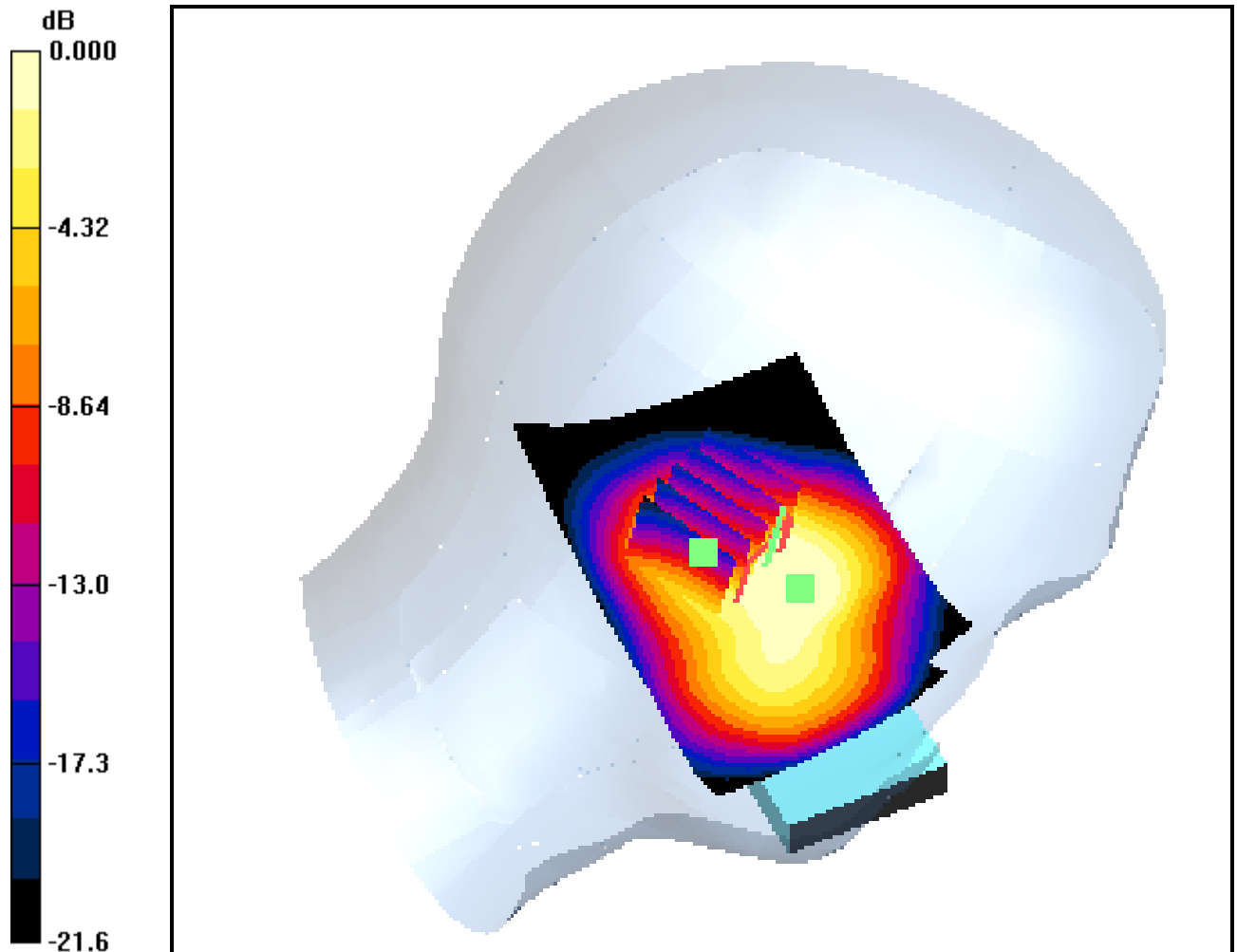
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.392 mW/g



0 dB = 0.780mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

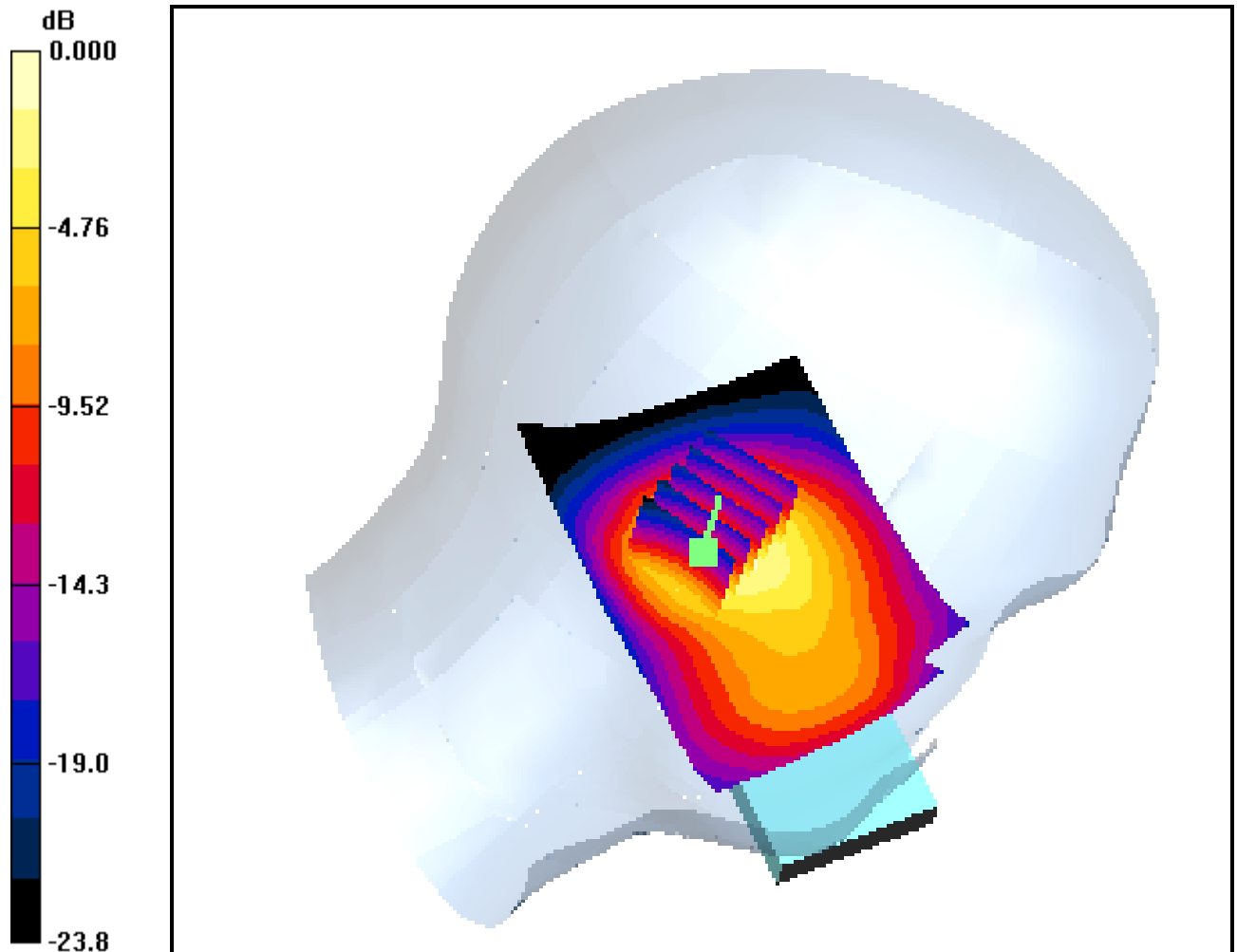
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.012 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.256 mW/g



0 dB = 0.553mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

Right Touch PCS Ch.810, Ant Internal, Standard Battery with BT on

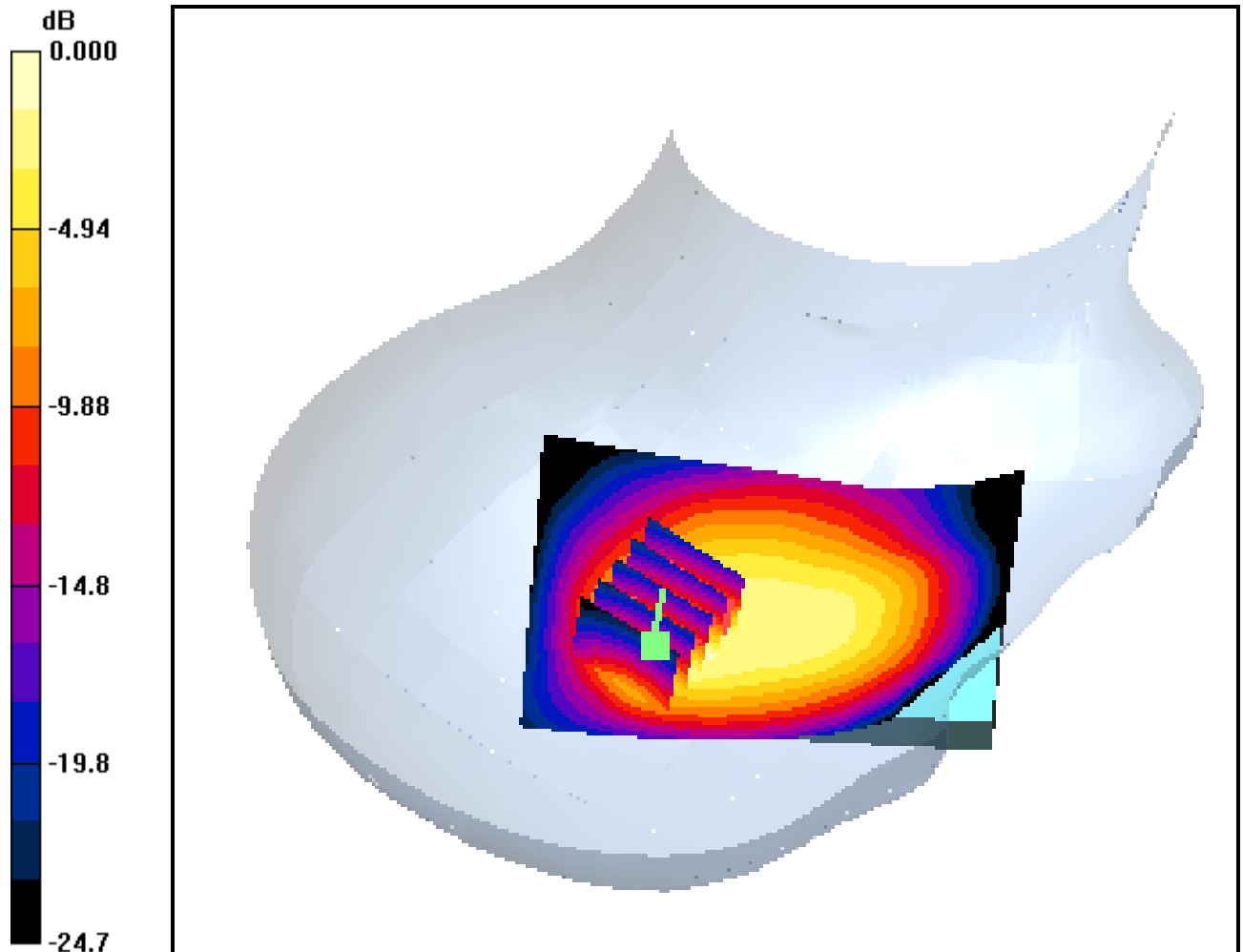
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.037 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.467 mW/g



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

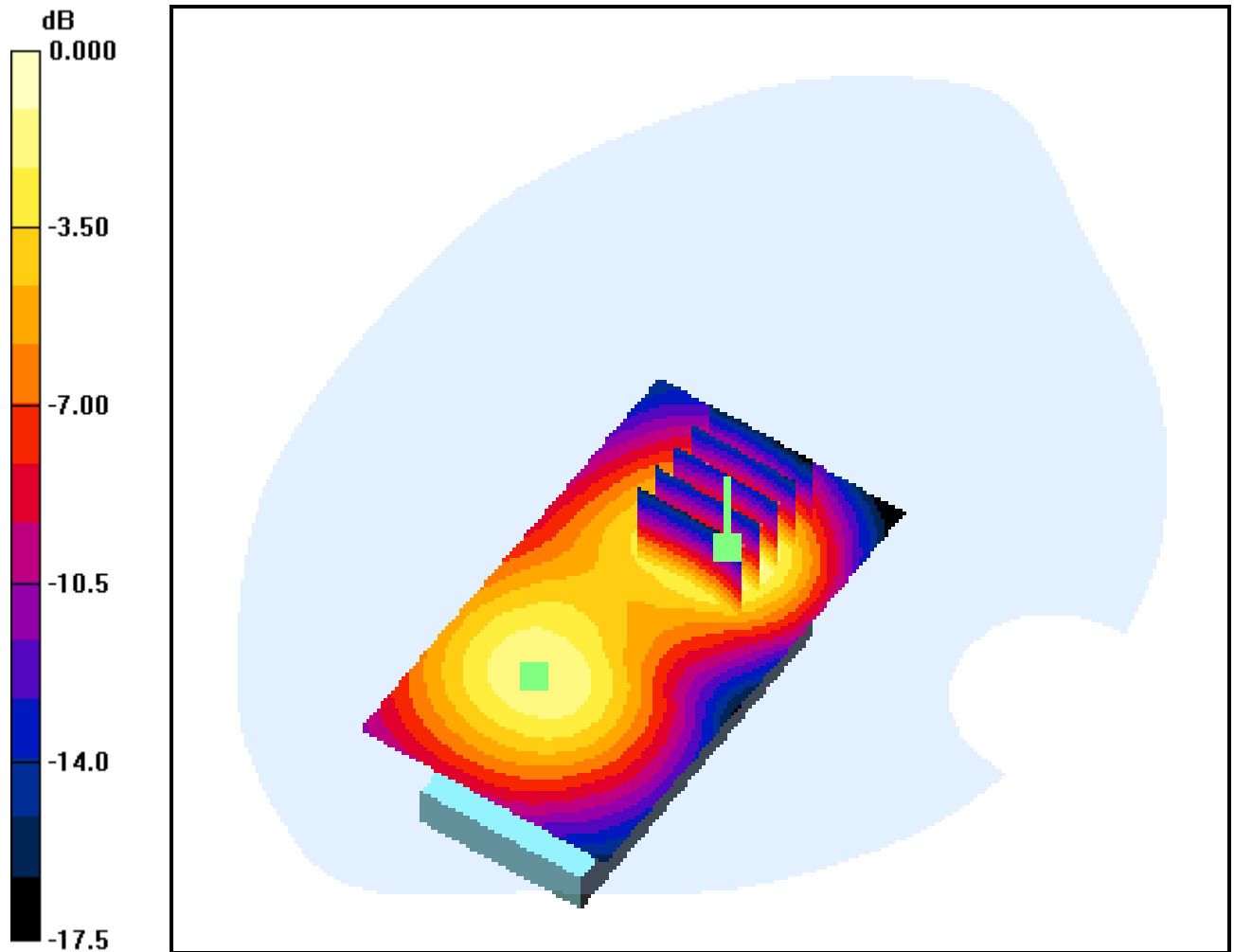
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.272 mW/g



0 dB = 0.539mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

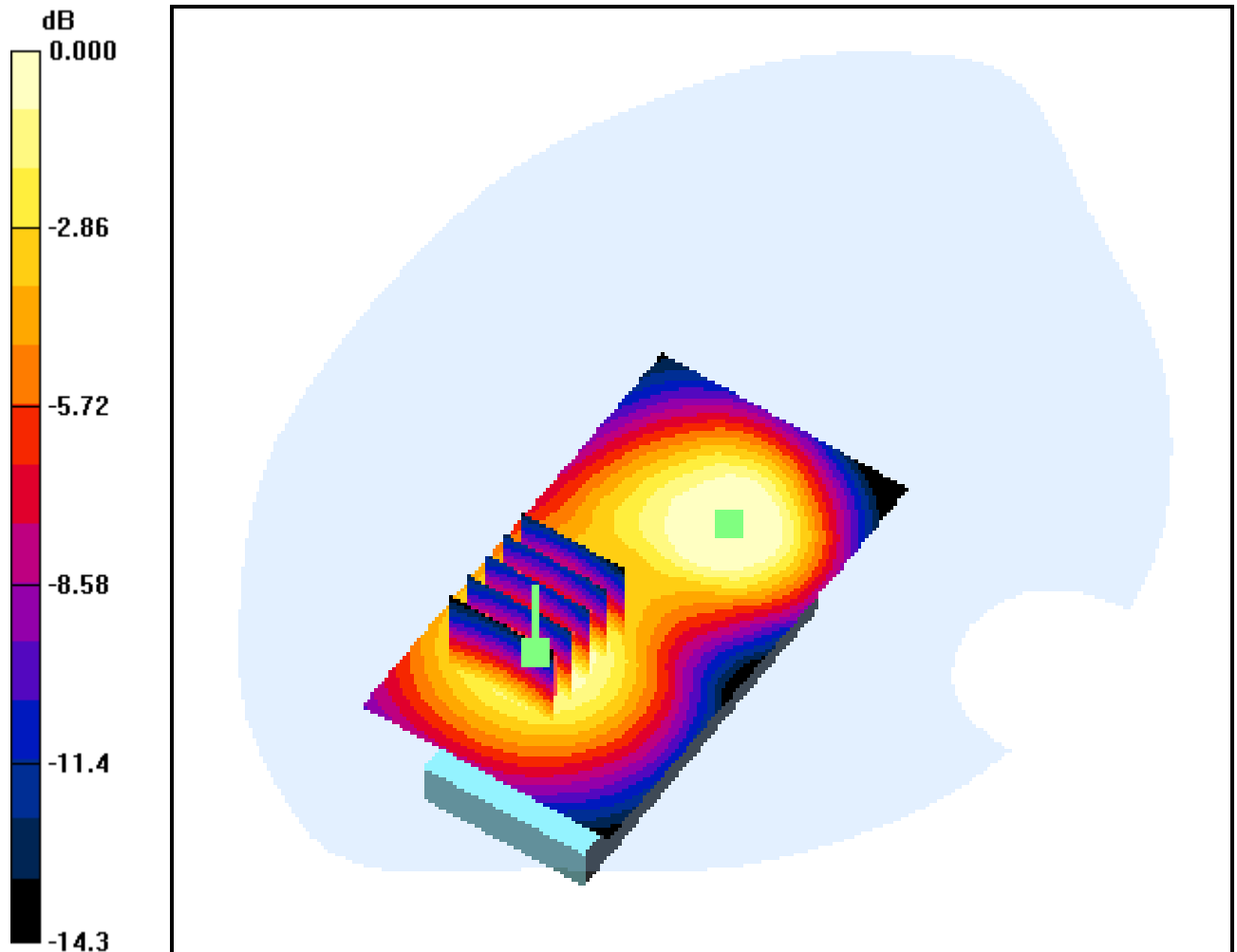
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.059 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.231 mW/g



0 dB = 0.393mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

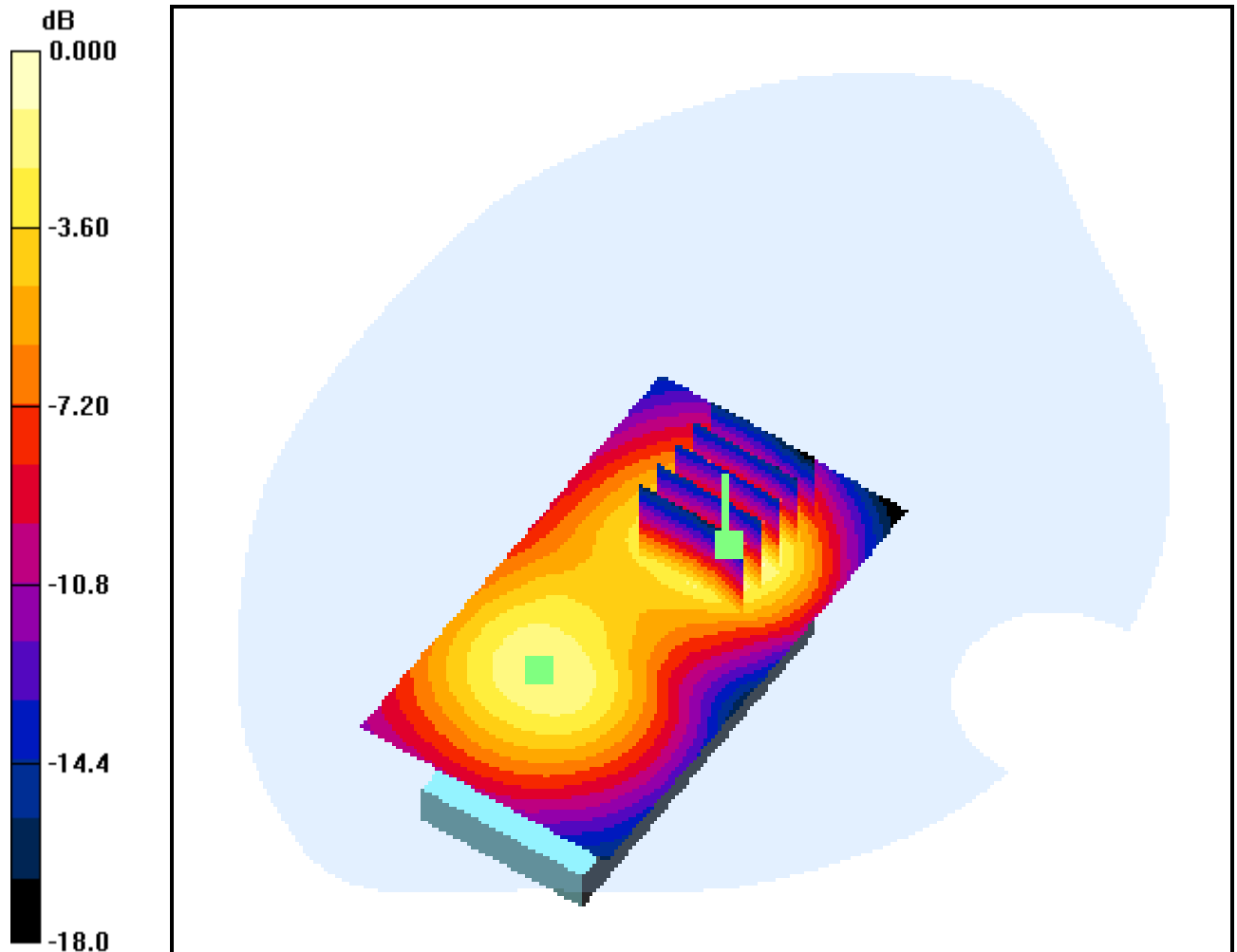
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.347 mW/g



0 dB = 0.689mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

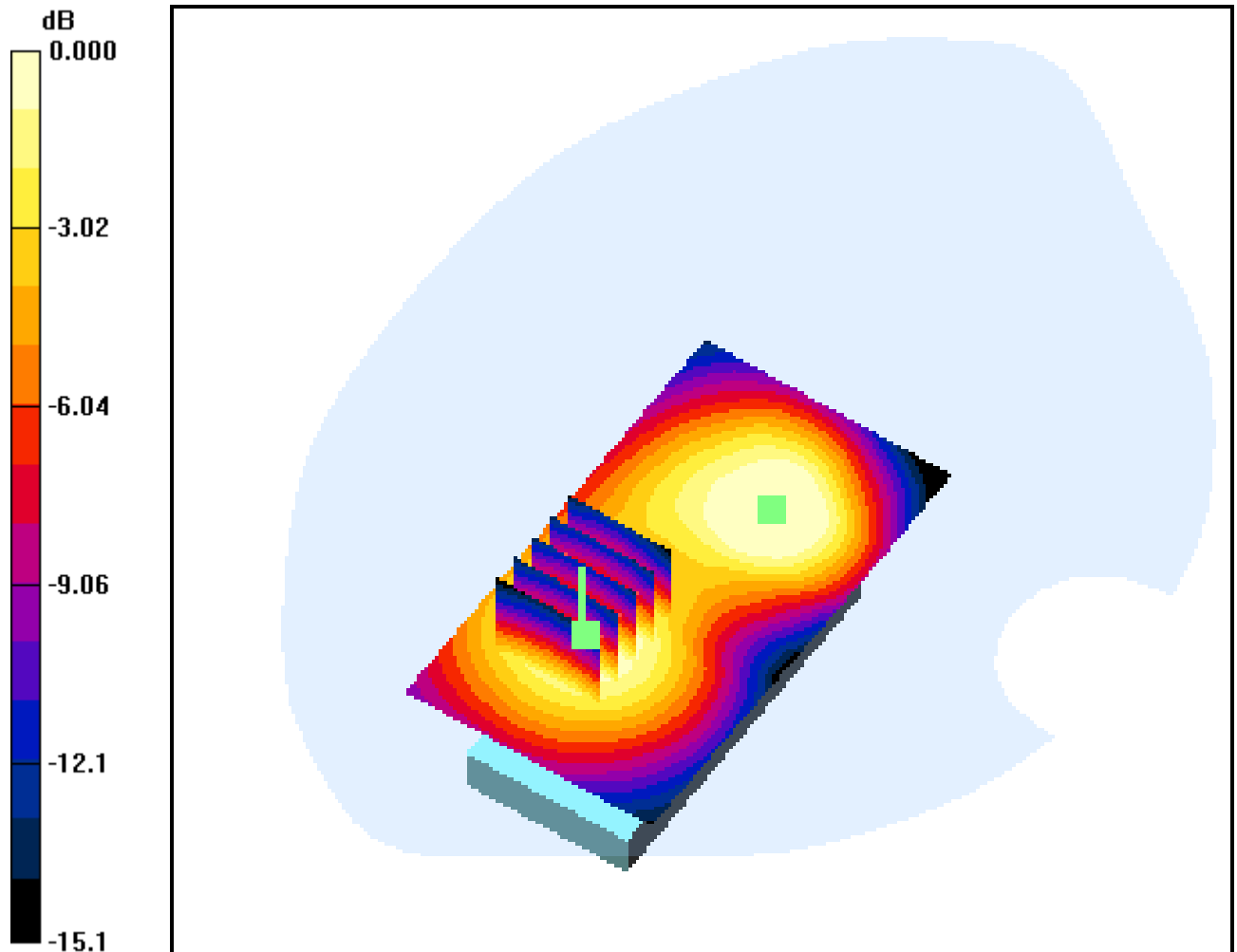
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.285 mW/g



0 dB = 0.496mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

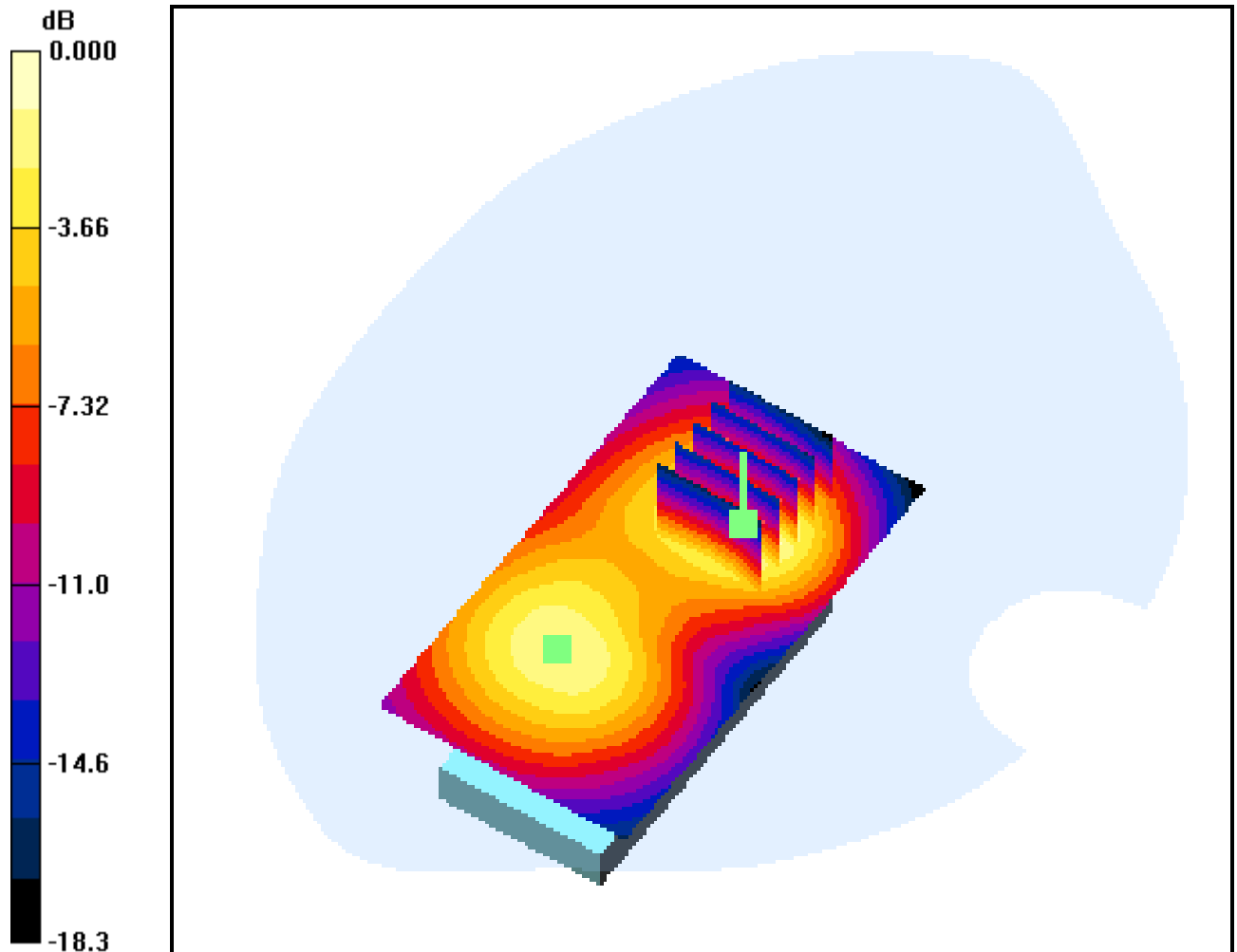
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.486 mW/g



0 dB = 0.979mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

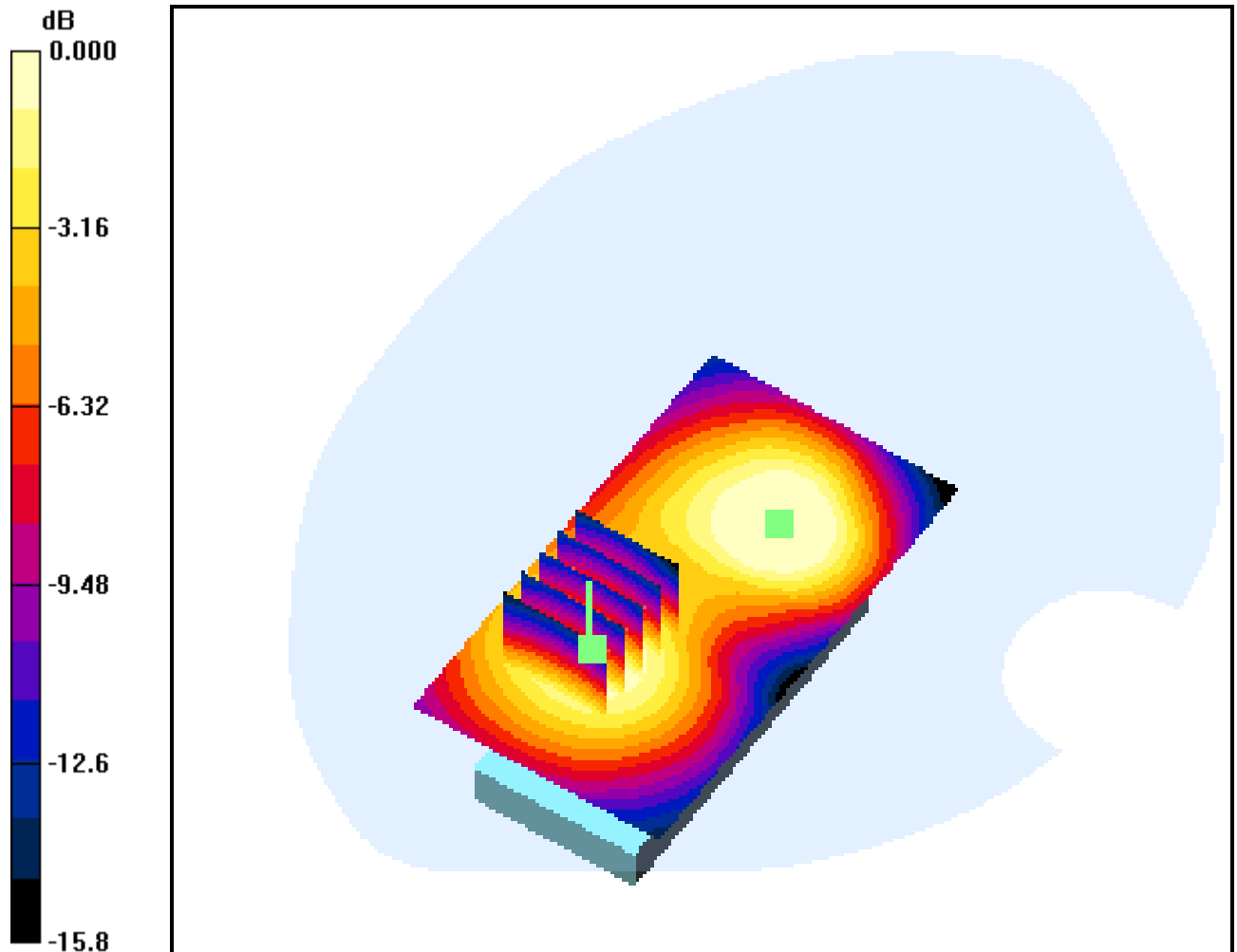
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.391 mW/g



0 dB = 0.684mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

1.5cm from Body, PCS Ch.810, Ant Internal, Standard Battery GPRS Mode with BT on

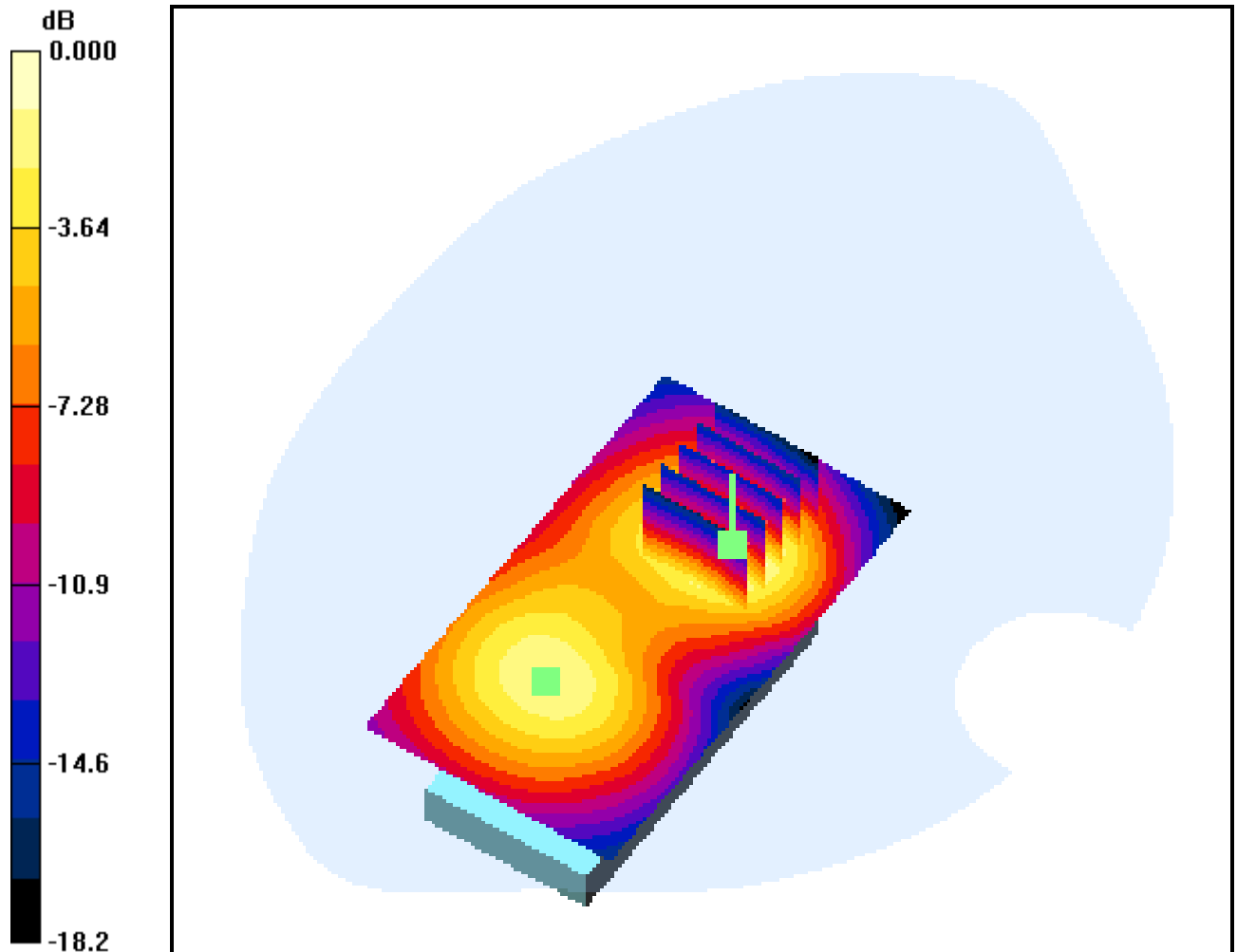
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.505 mW/g



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

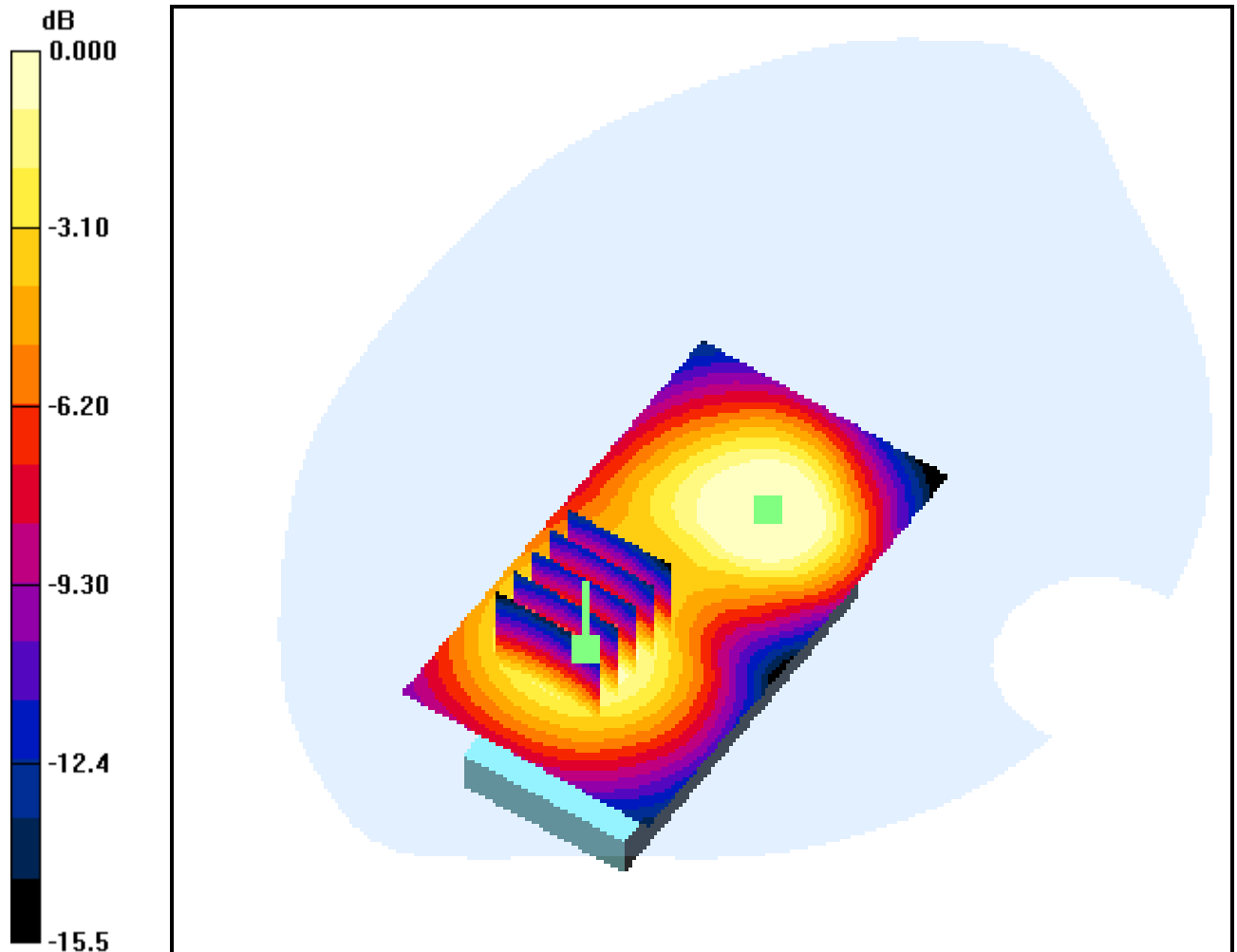
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.995 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.400 mW/g



0 dB = 0.692mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

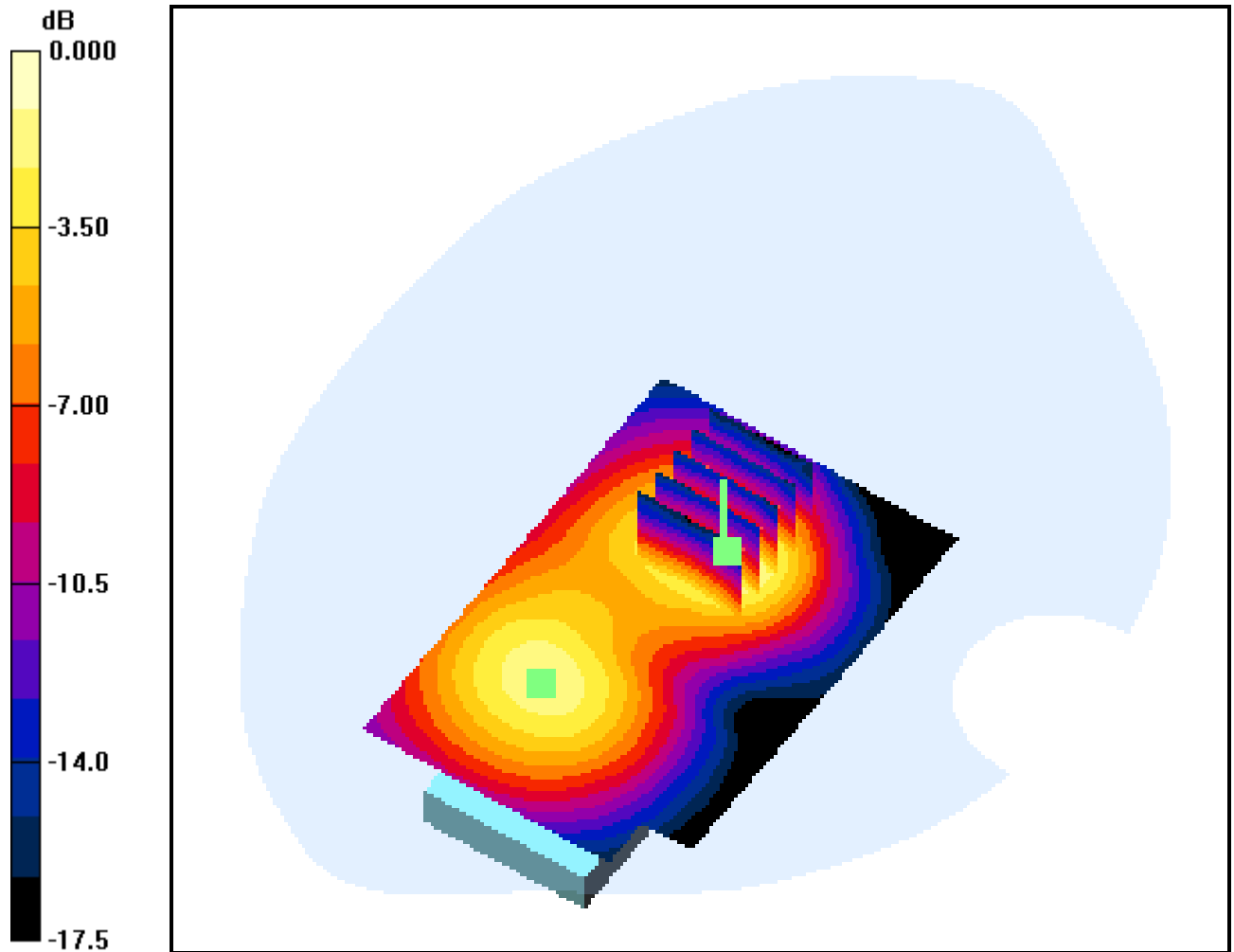
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.139 mW/g



0 dB = 0.279mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

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

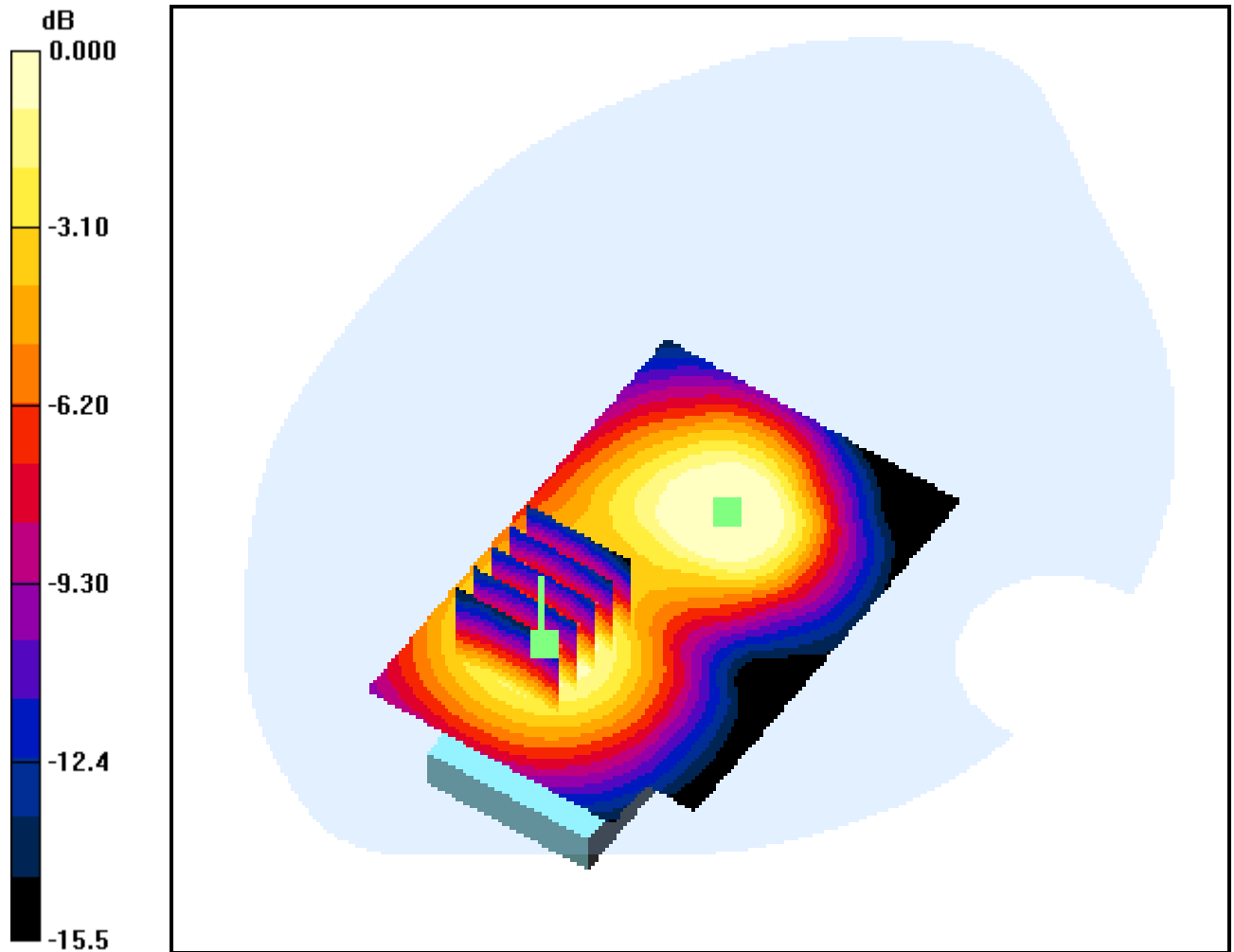
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.109 mW/g



0 dB = 0.191mW/g

DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.918 \text{ mho/m}$; $\epsilon_r = 41.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.34, 6.34, 6.34); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

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

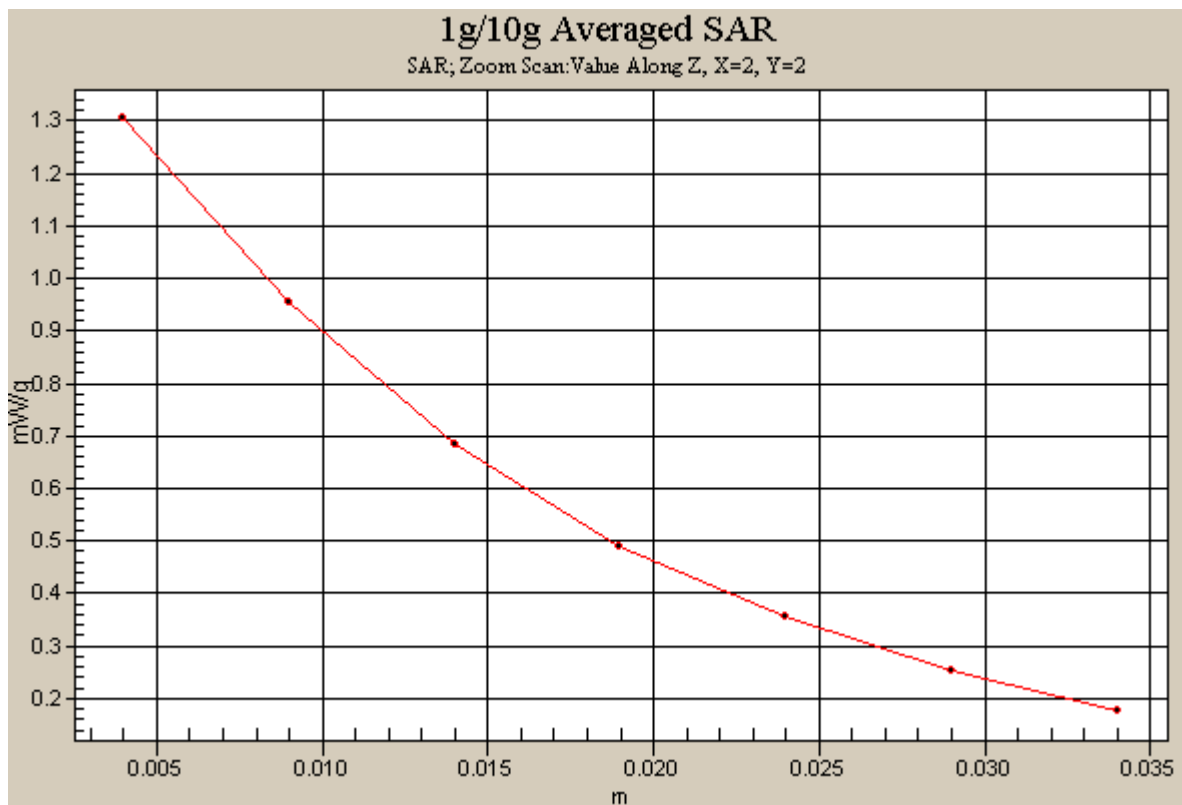
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.251 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.830 mW/g



DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:2.075

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.22, 6.22, 6.22); Calibrated: 2007-03-20; Electronics: DAE3 Sn520

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

Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-04; Ambient Temp: 21.8; Tissue Temp: 21.7

1.5cm from Body, GSM Ch.251, Ant Internal, Standard Battery GPRS Mode with BT on

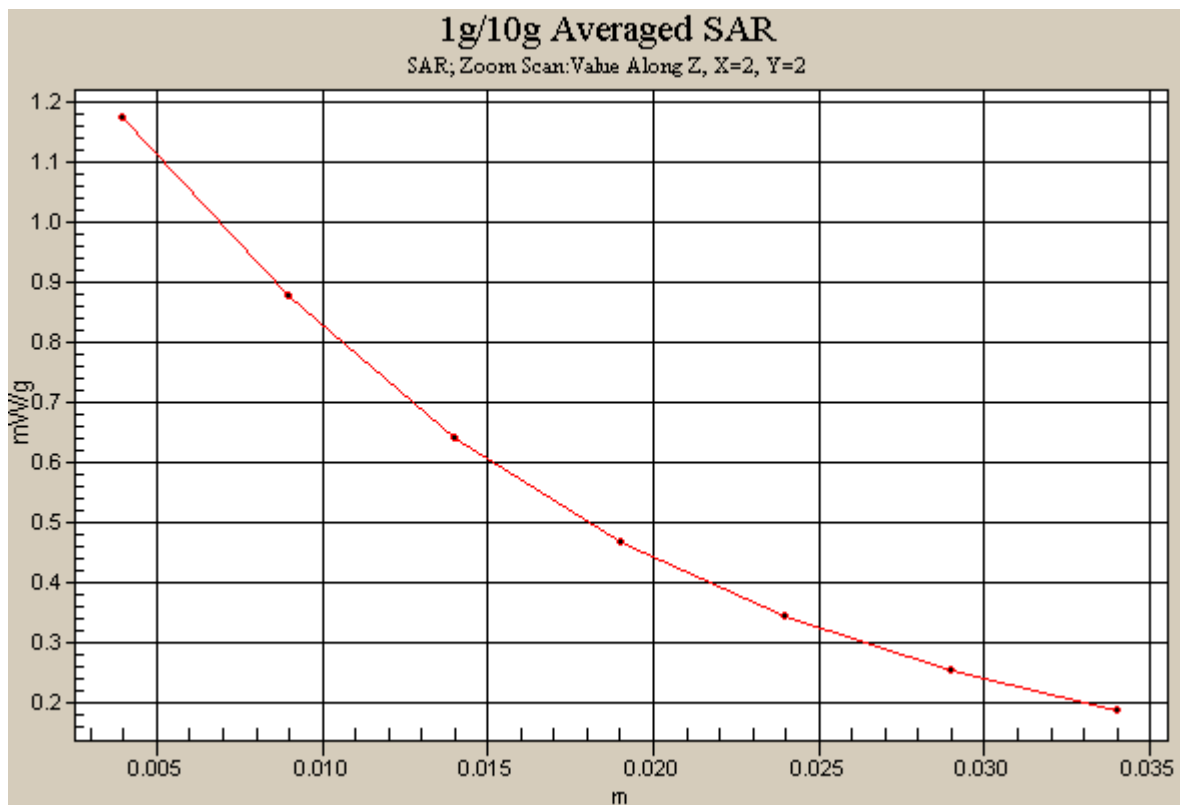
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.783 mW/g



DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.27, 5.27, 5.27); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

Left Touch PCS Ch.810, Ant Internal, Standard Battery with BT on

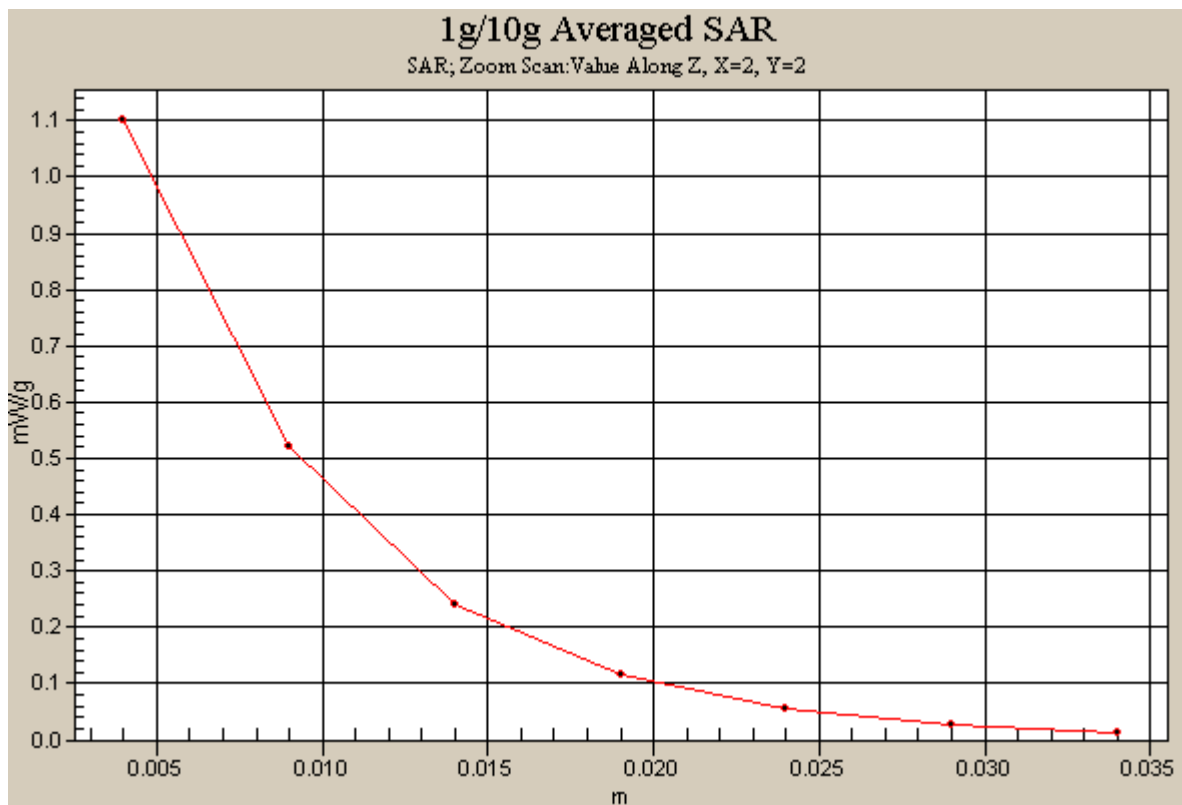
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.037 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.995 mW/g; SAR(10 g) = 0.467 mW/g



DIGITAL EMC CO., LTD

DUT: K1000; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:2.075
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.93, 4.93, 4.93); Calibrated: 2007-03-20; Electronics: DAE3 Sn520
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Test Date: 2008-01-03; Ambient Temp: 22.0; Tissue Temp: 21.8

1.5cm from Body, PCS Ch.810, Ant Internal, 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 = -0.034 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.505 mW/g

