

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: $f = 835 \text{ MHz}$; $\sigma = 0.929 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

Dipole Validation

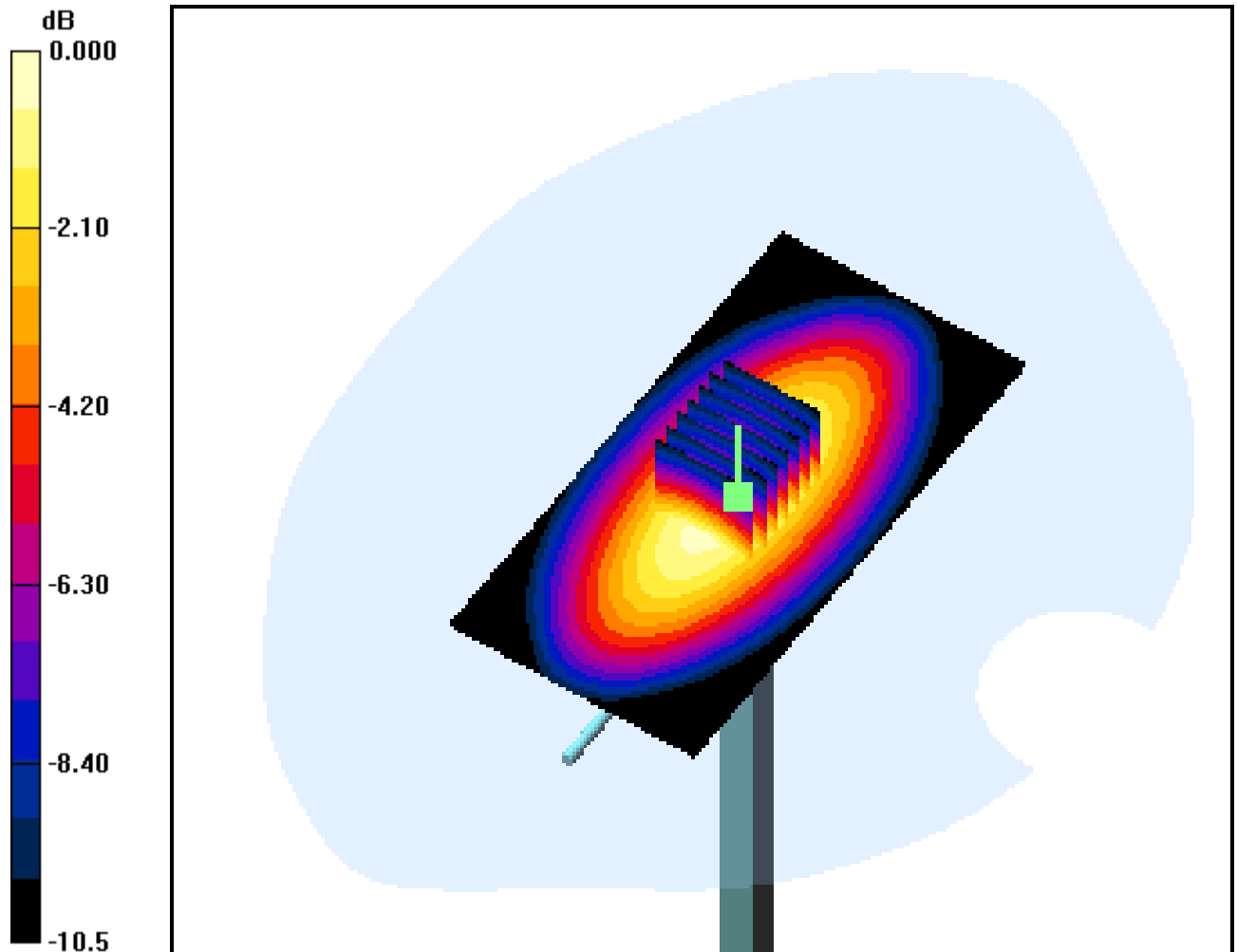
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.002 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.6 mW/g



0 dB = 2.65mW/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: $f = 1900$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

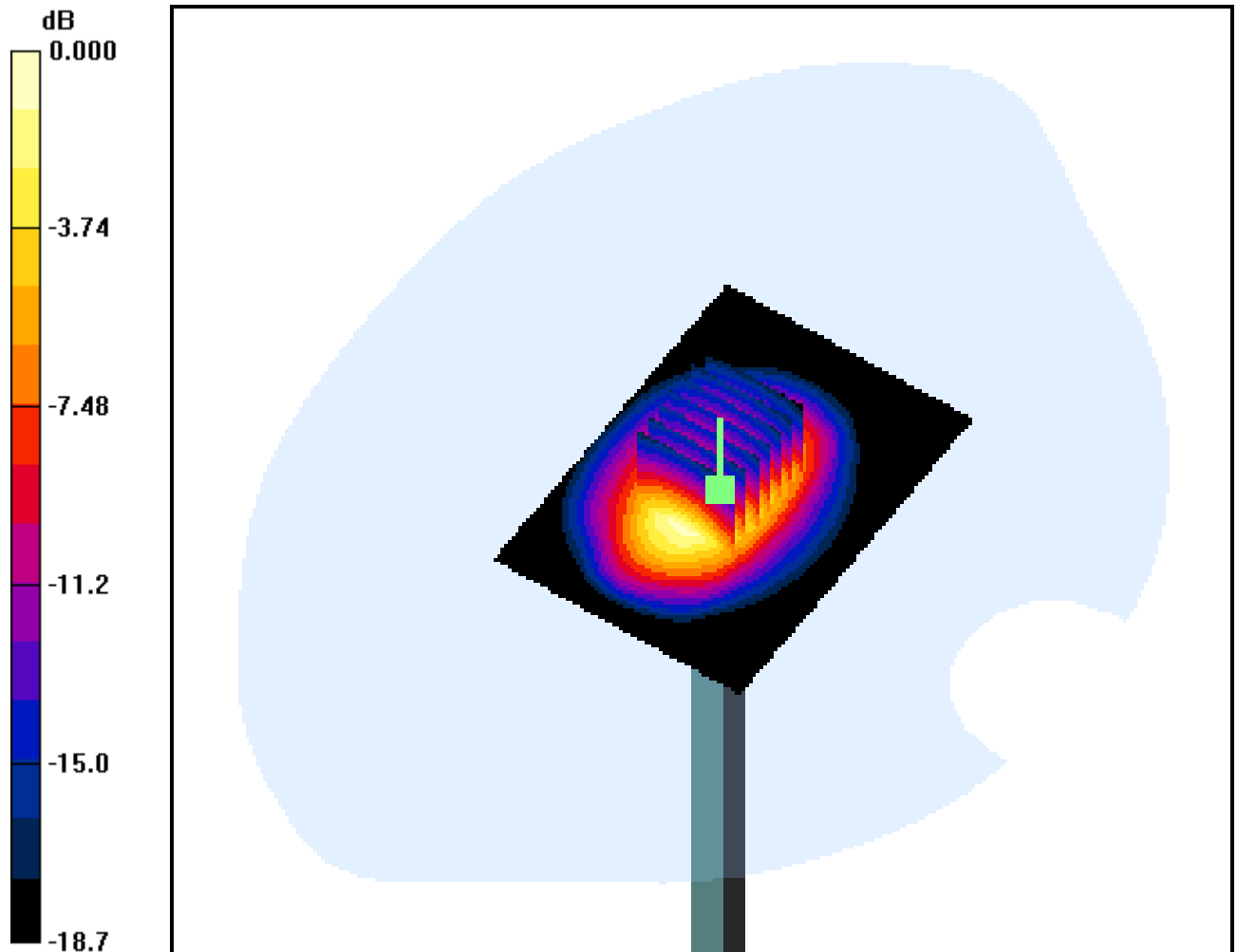
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

Dipole Validation

Area Scan (51x71x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.024 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 10 mW/g; SAR(10 g) = 5.19 mW/g



0 dB = 11.3mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
Phantom section: Right Section

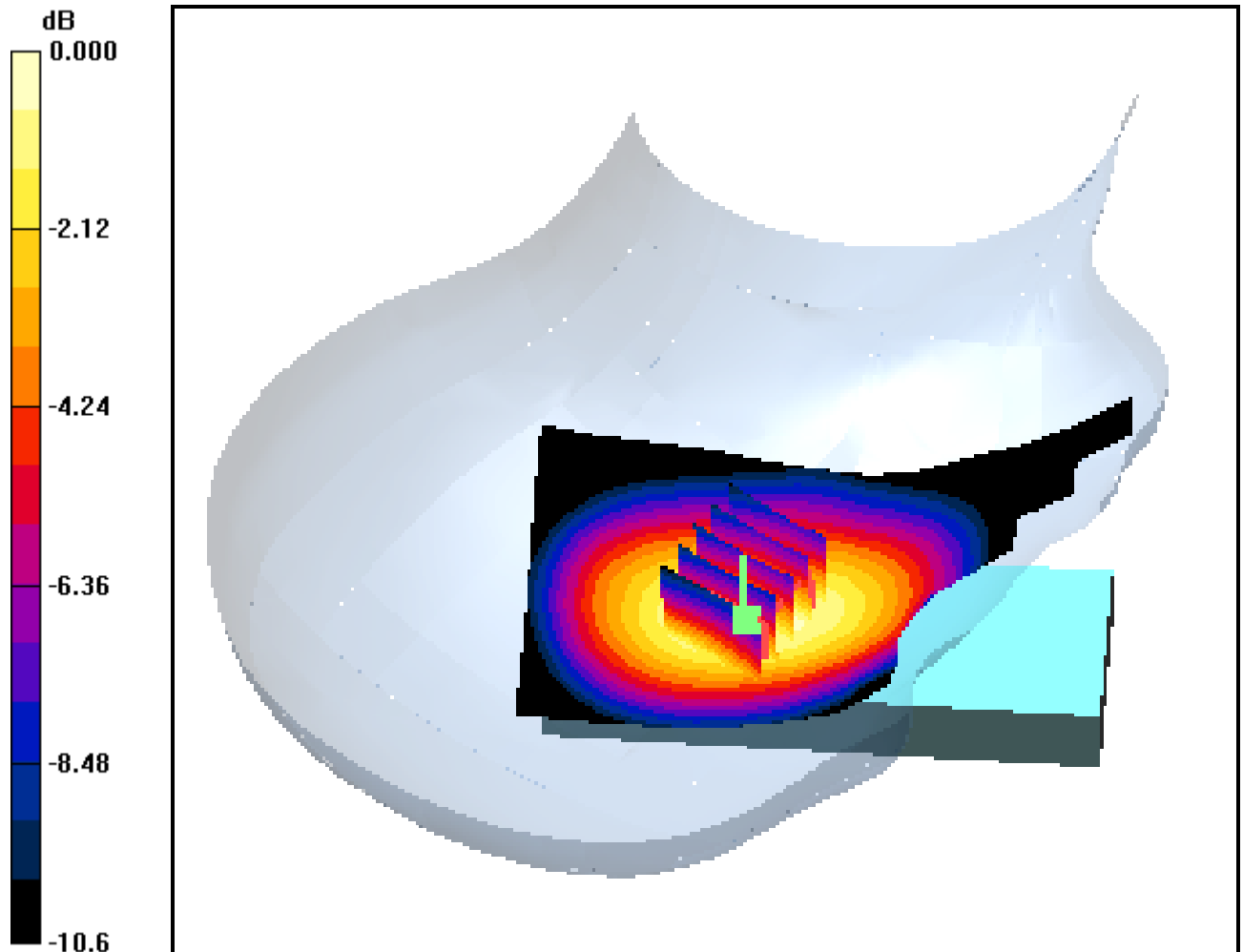
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.653 mW/g



0 dB = 1.01mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
Phantom section: Right Section

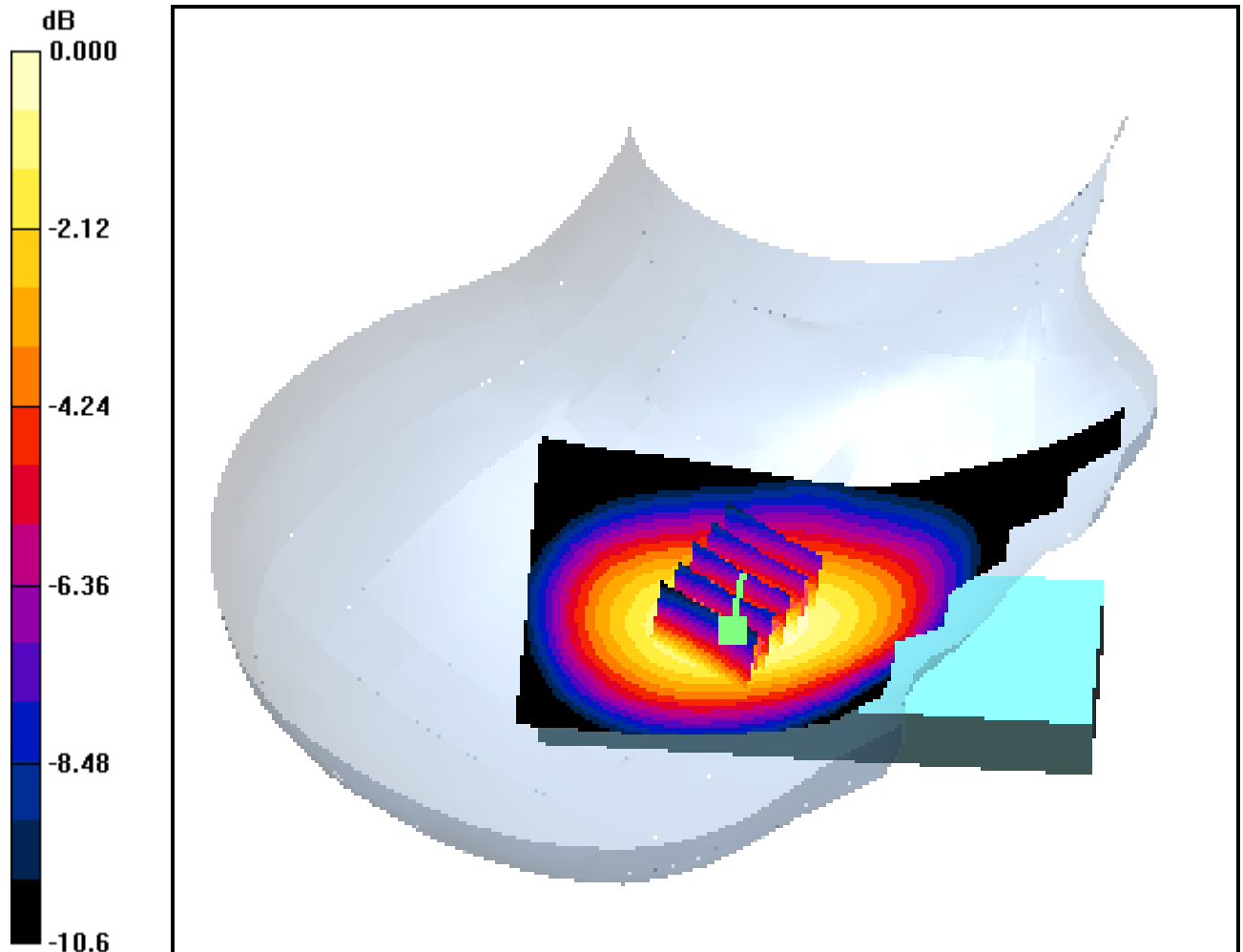
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.302 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.769 mW/g



0 dB = 1.16mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.938 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

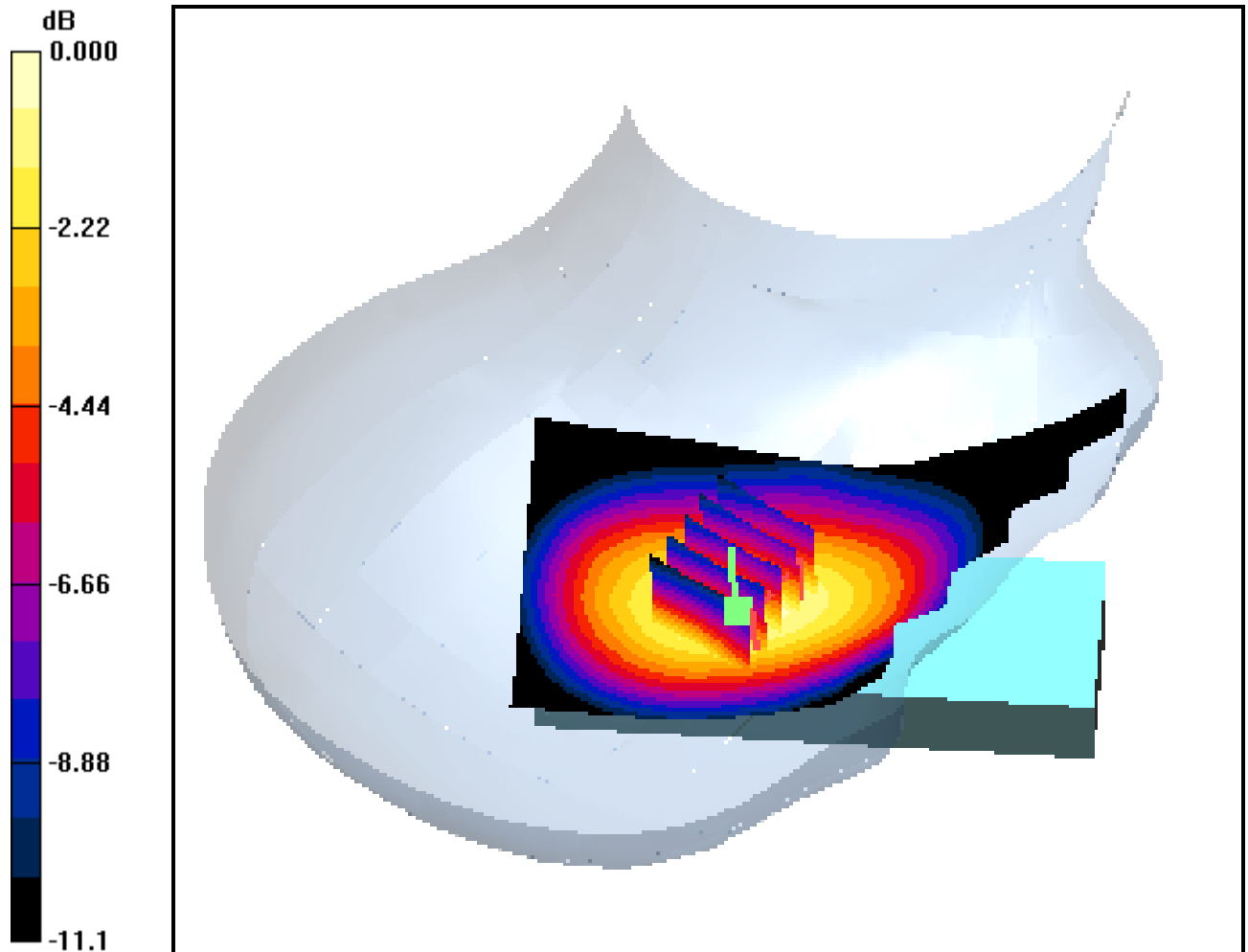
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): 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) = 1.97 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.922 mW/g



0 dB = 1.48mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

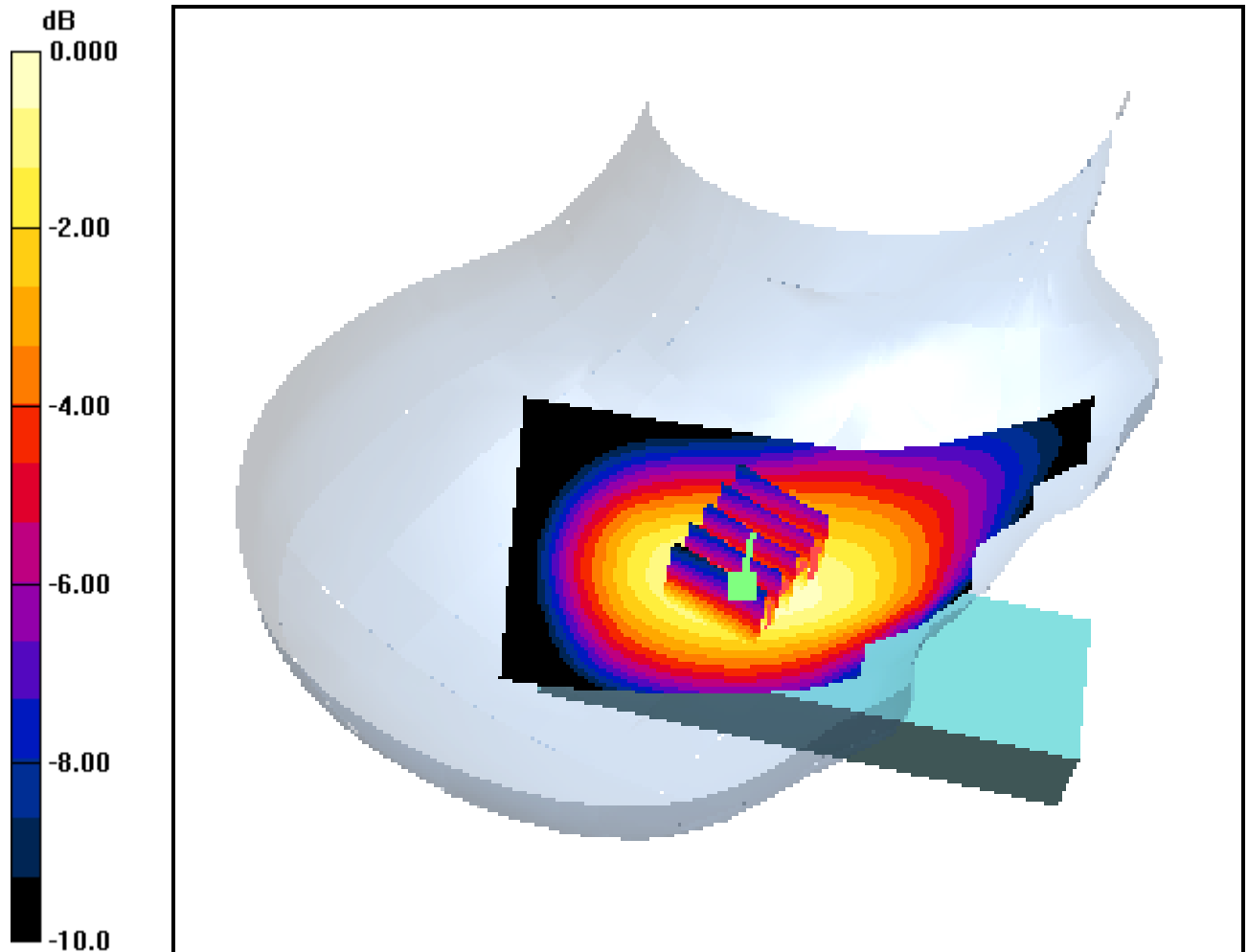
Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.537 W/kg

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.300 mW/g



0 dB = 0.440mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
Phantom section: Left Section

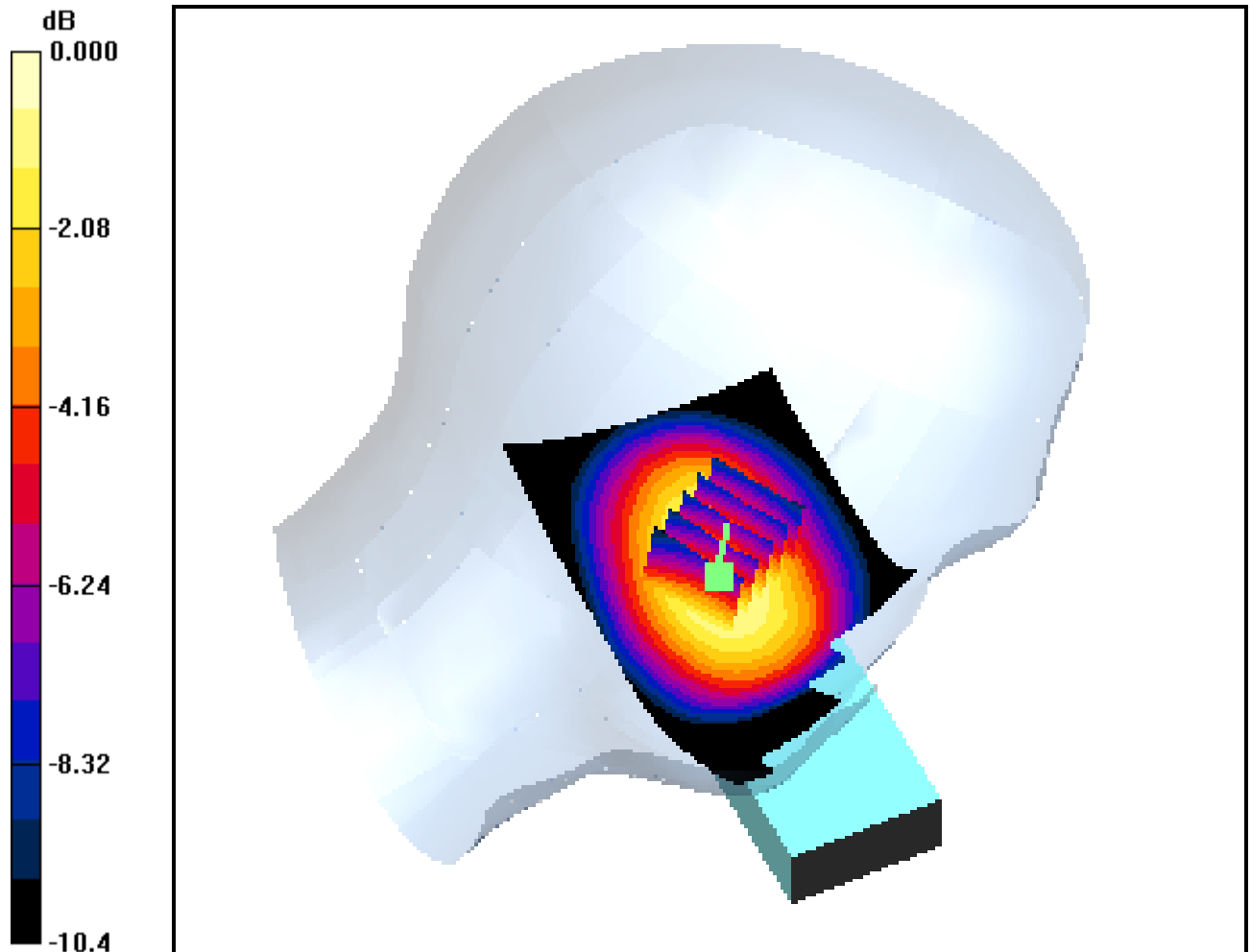
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.033 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.694 mW/g



0 dB = 1.06mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³
Phantom section: Left Section

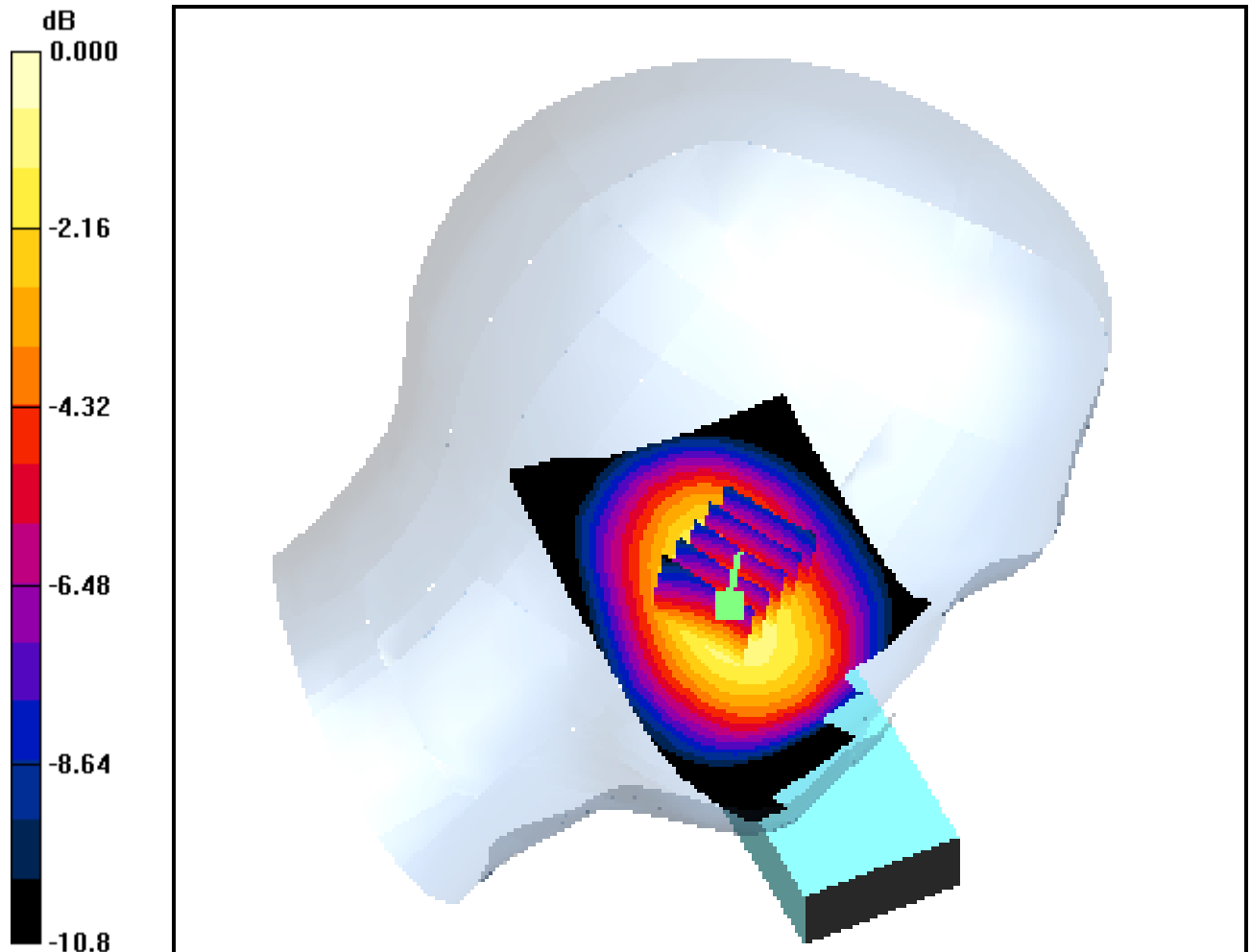
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.036 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.776 mW/g



0 dB = 1.20mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.938 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

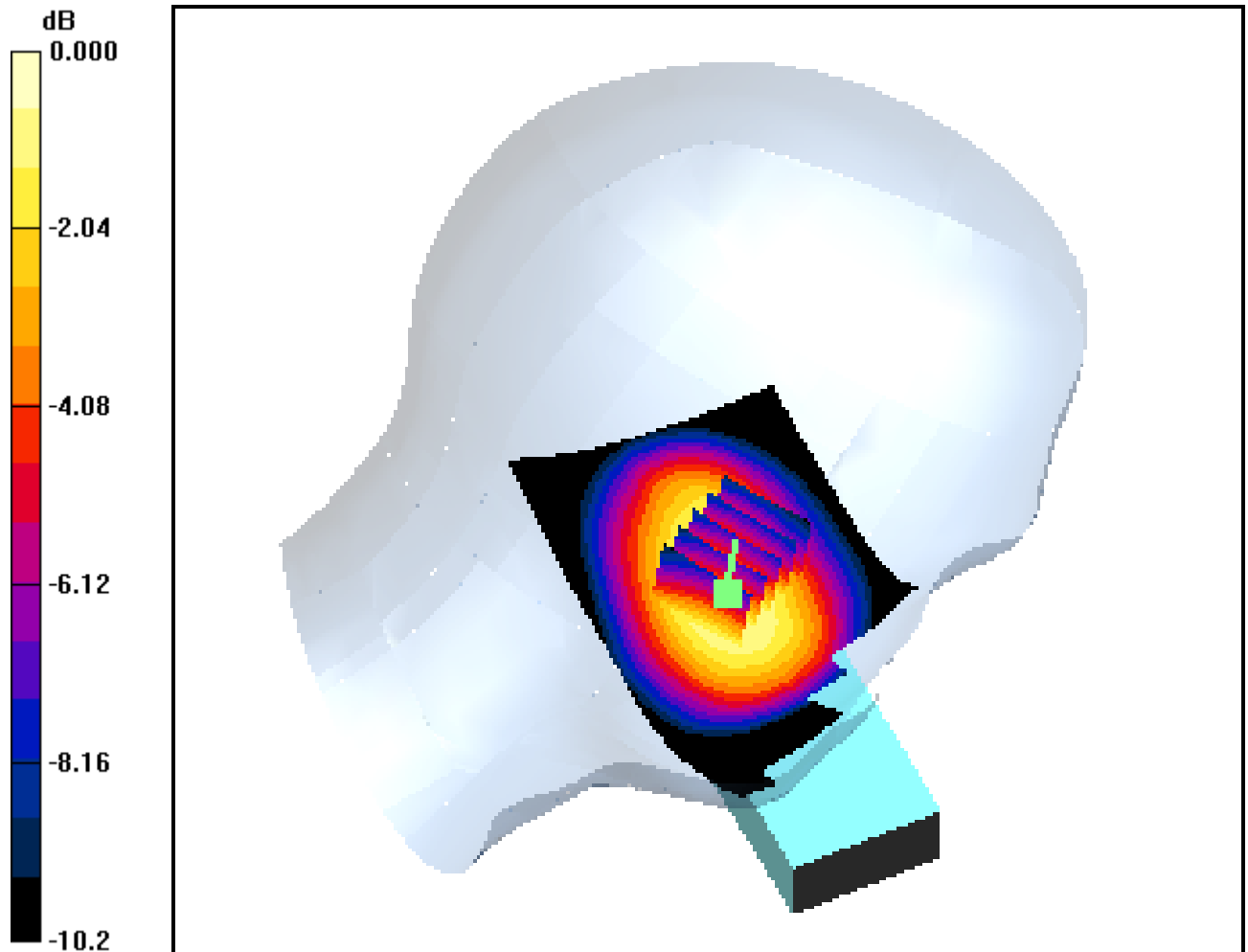
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): 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 = -0.267 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.917 mW/g



0 dB = 1.38mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

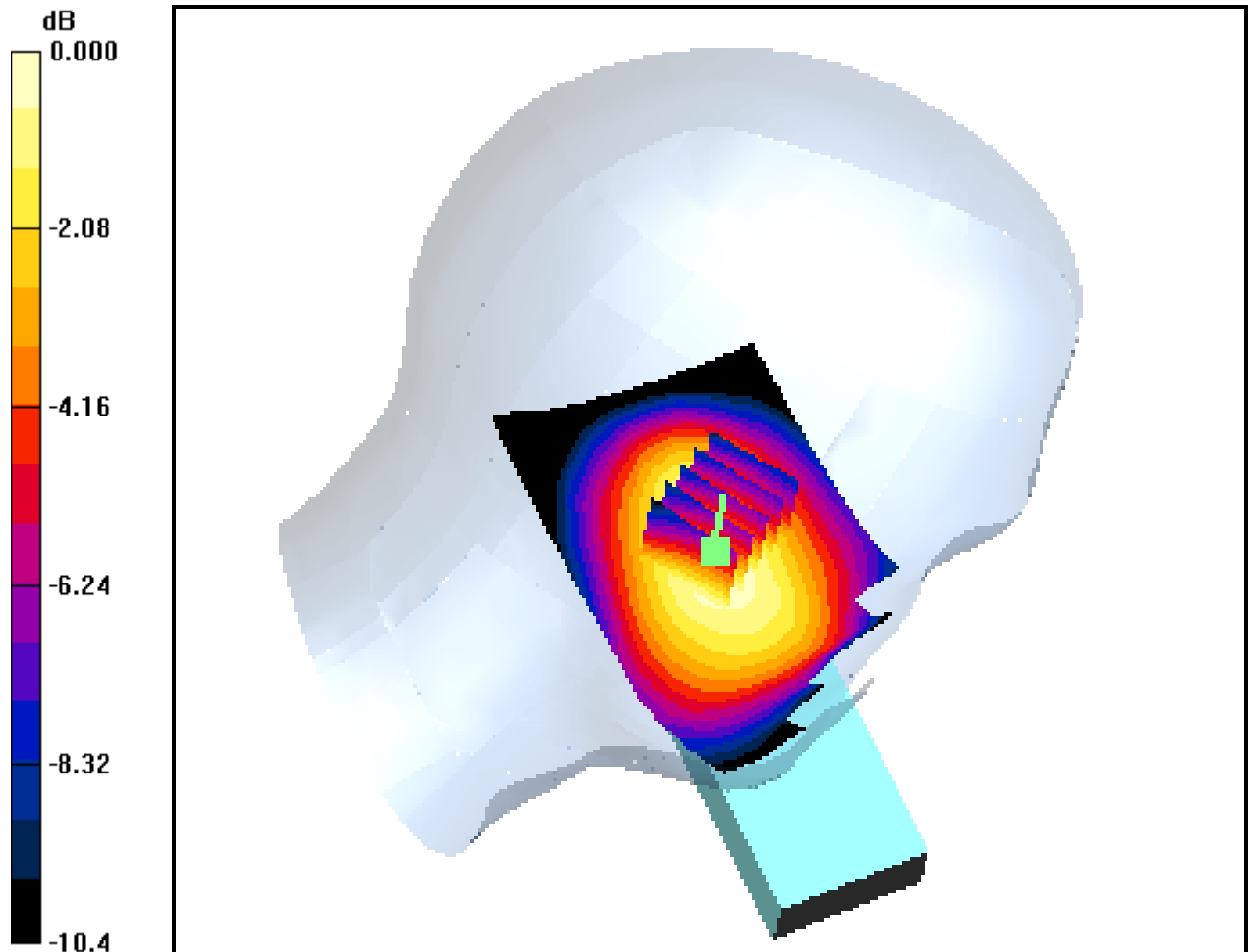
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.292 mW/g



0 dB = 0.431mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.964$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

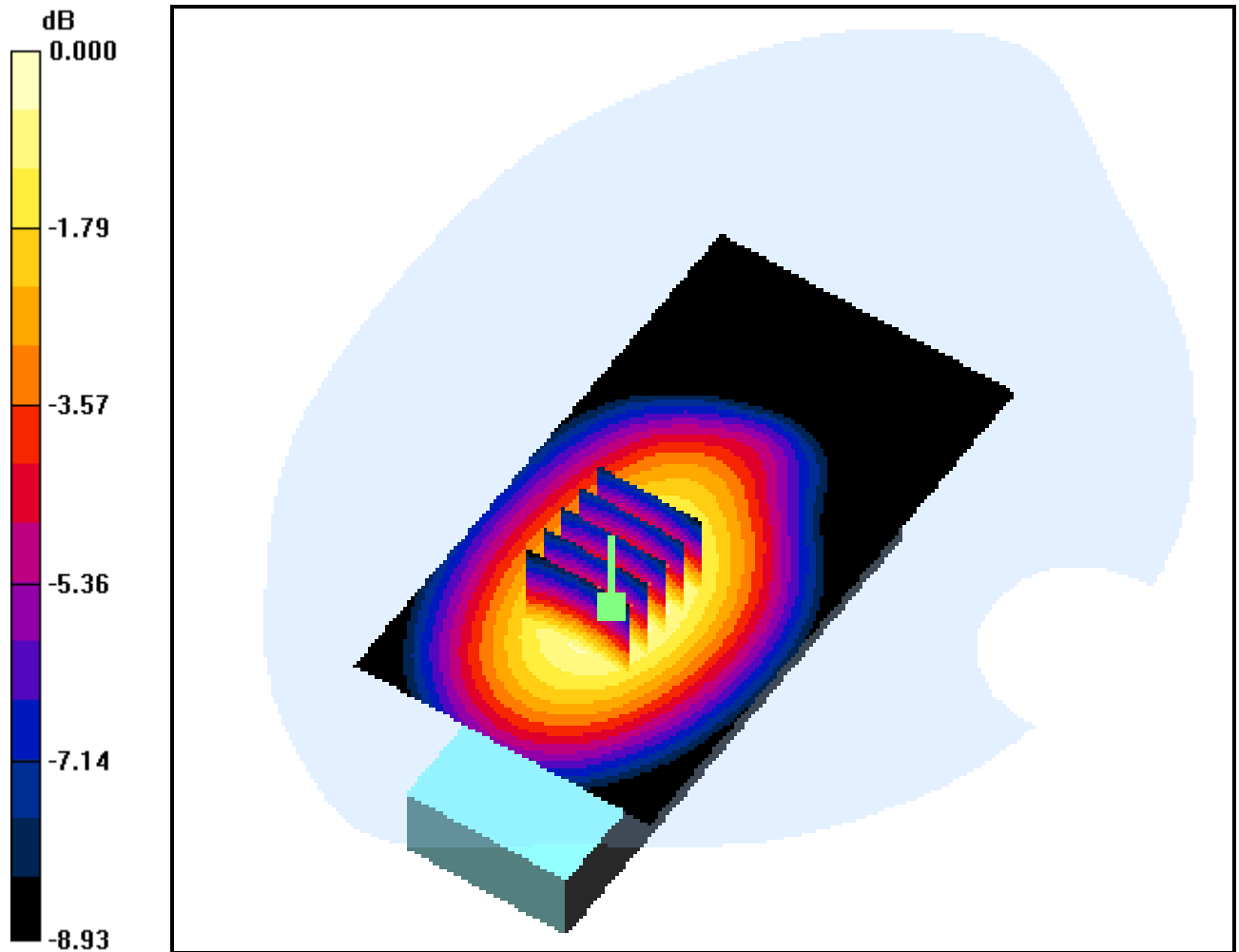
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.363 mW/g



0 dB = 0.526mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³
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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

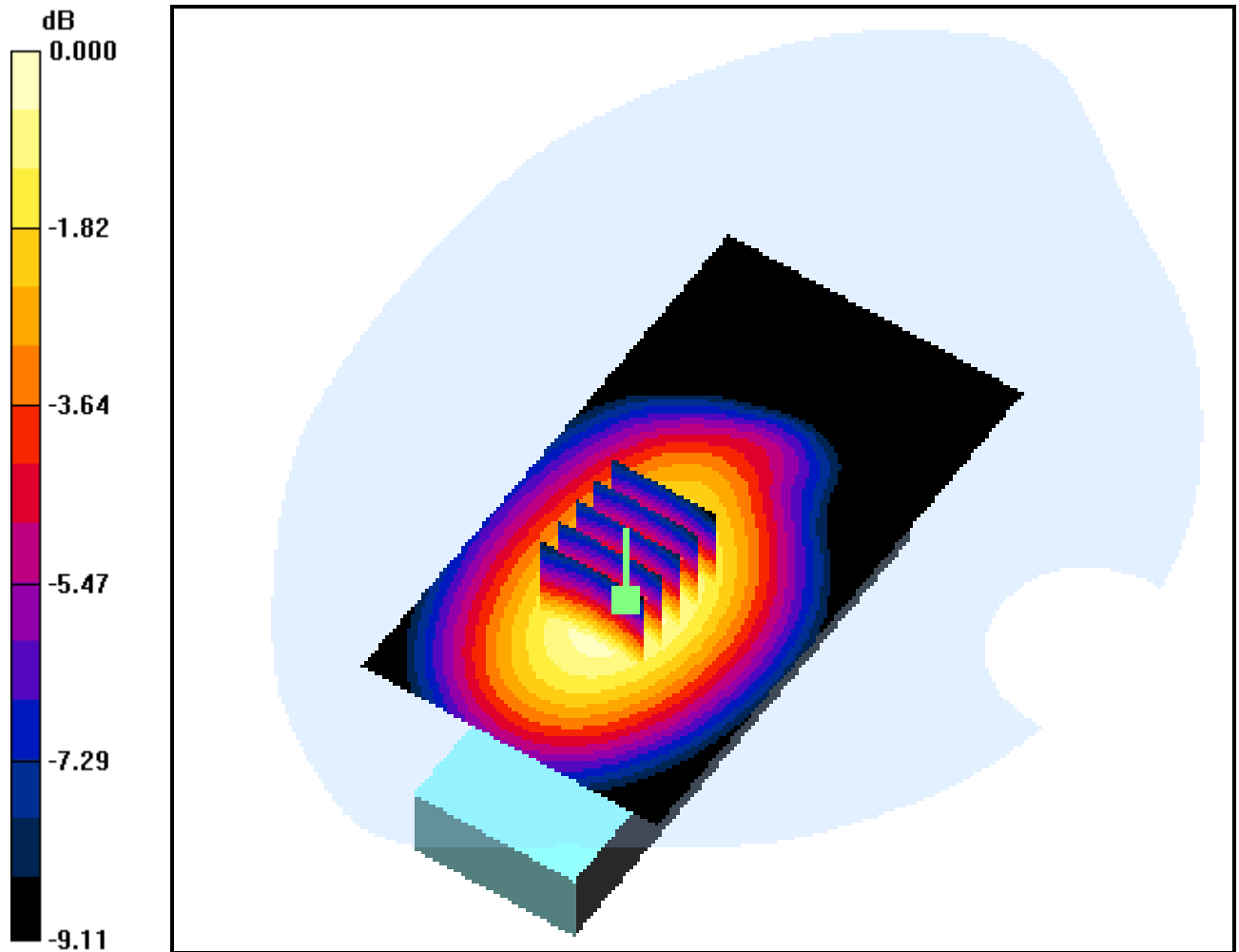
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.360 mW/g



0 dB = 0.528mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

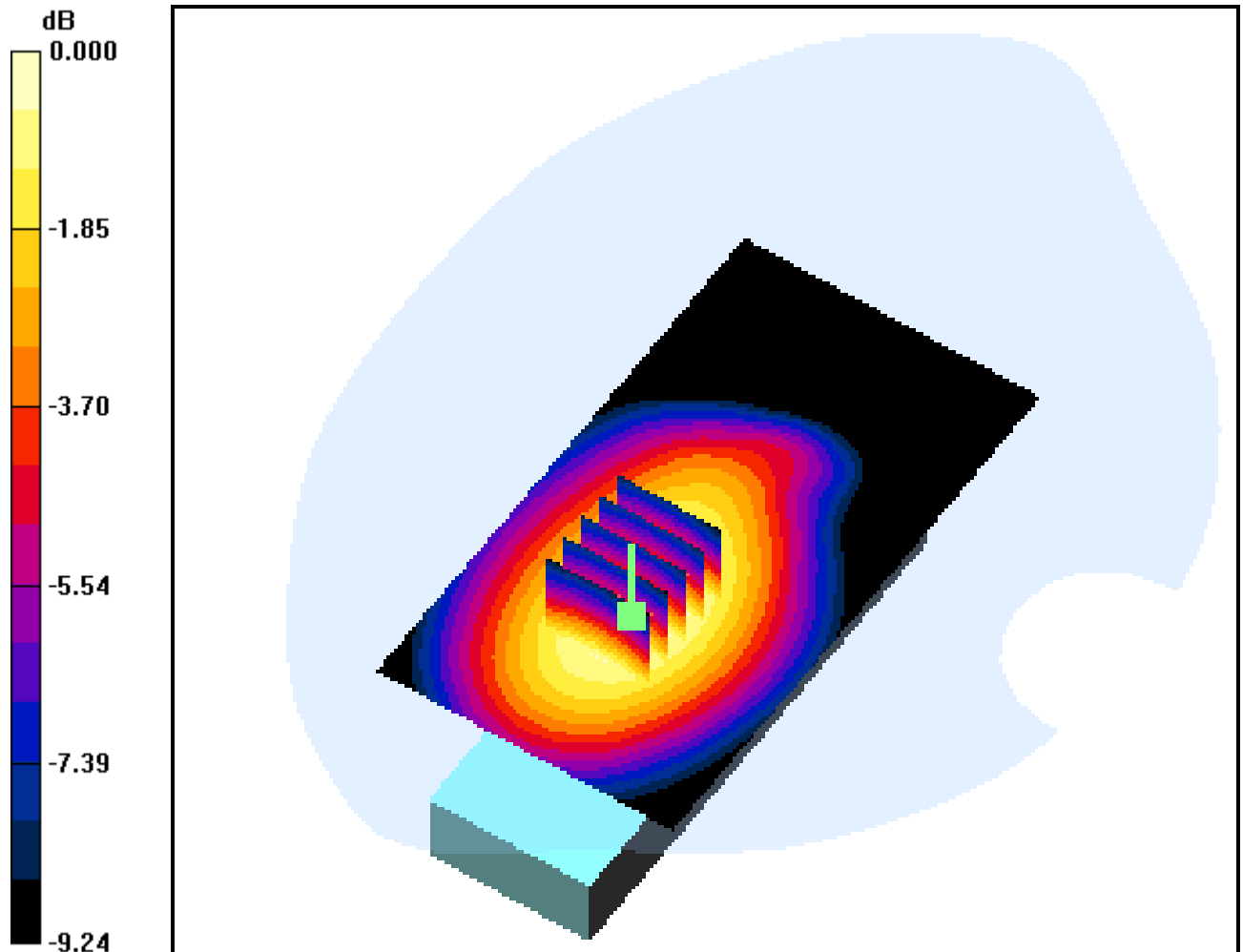
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.381 mW/g



0 dB = 0.562mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
Phantom section: Right Section

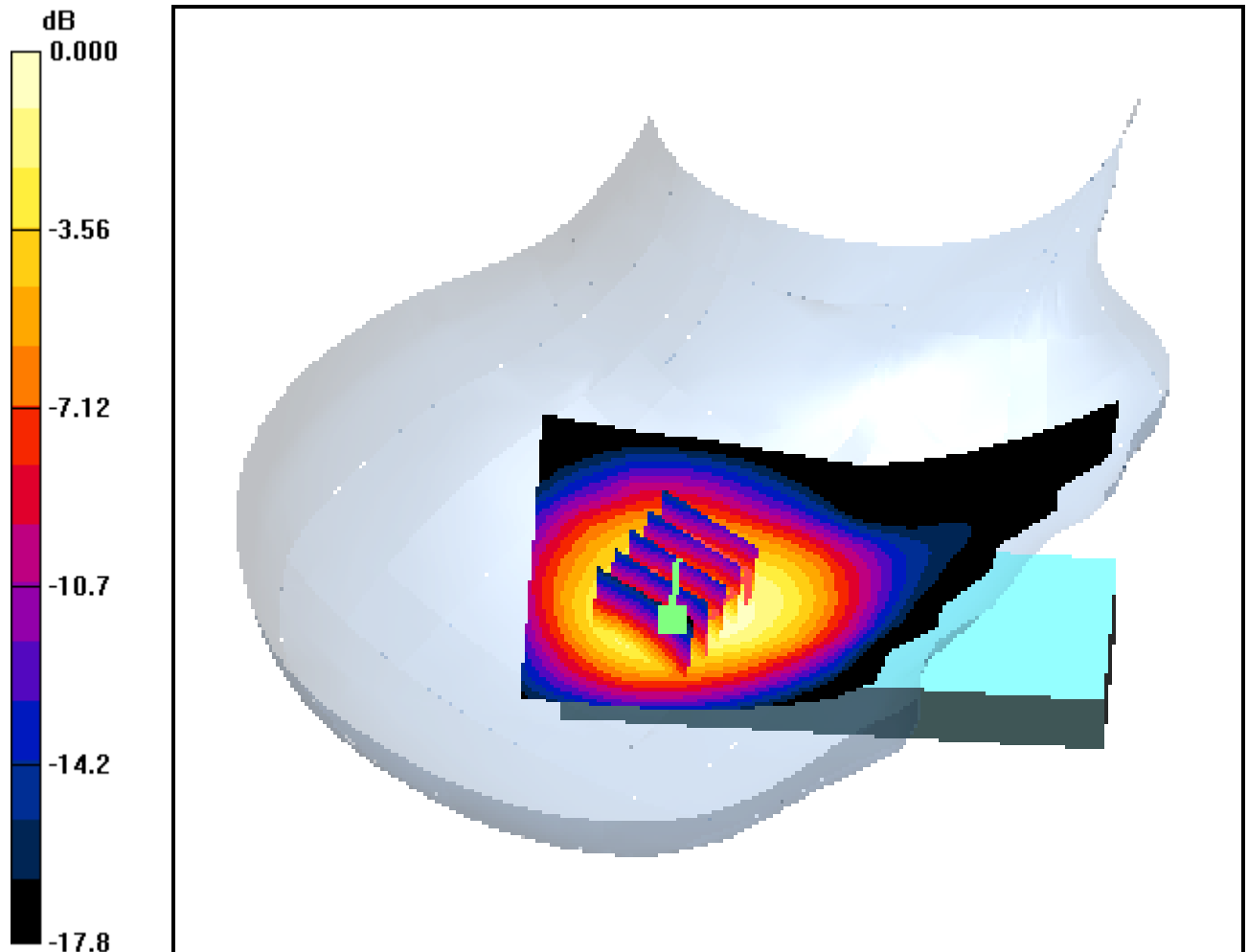
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.057 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.861 mW/g



0 dB = 1.56mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Phantom section: Right Section

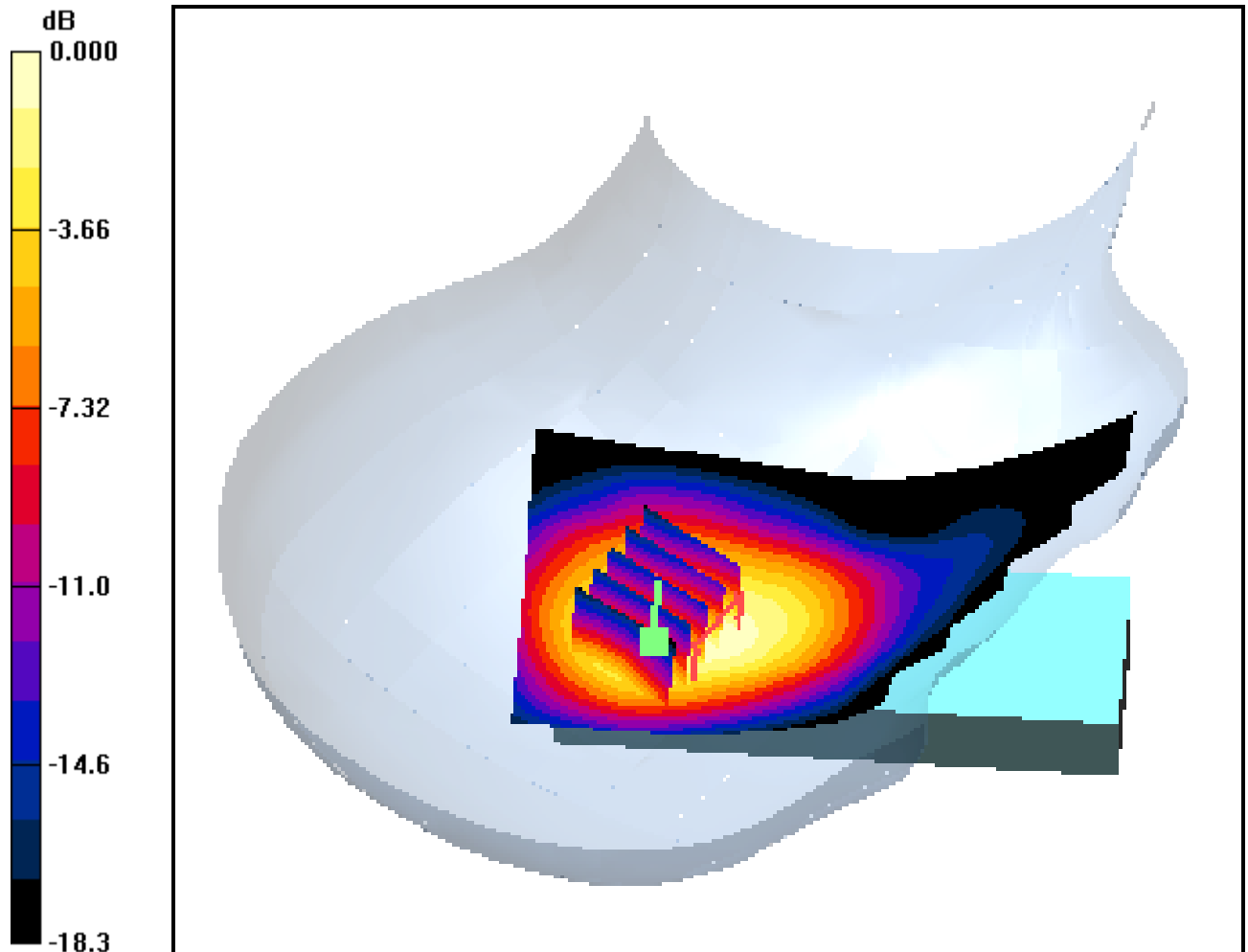
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.014 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.780 mW/g



0 dB = 1.48mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

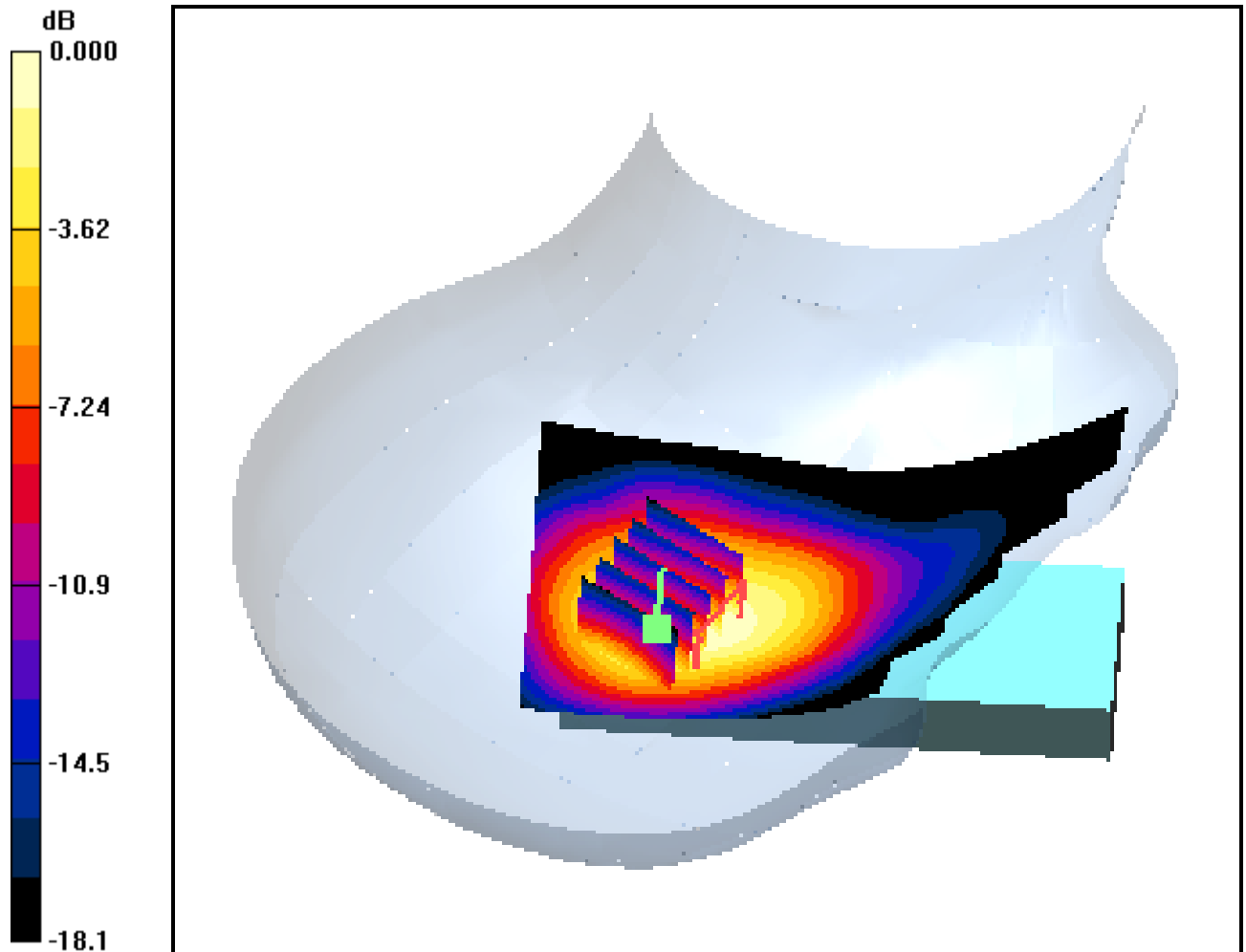
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.637 mW/g



0 dB = 1.21mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

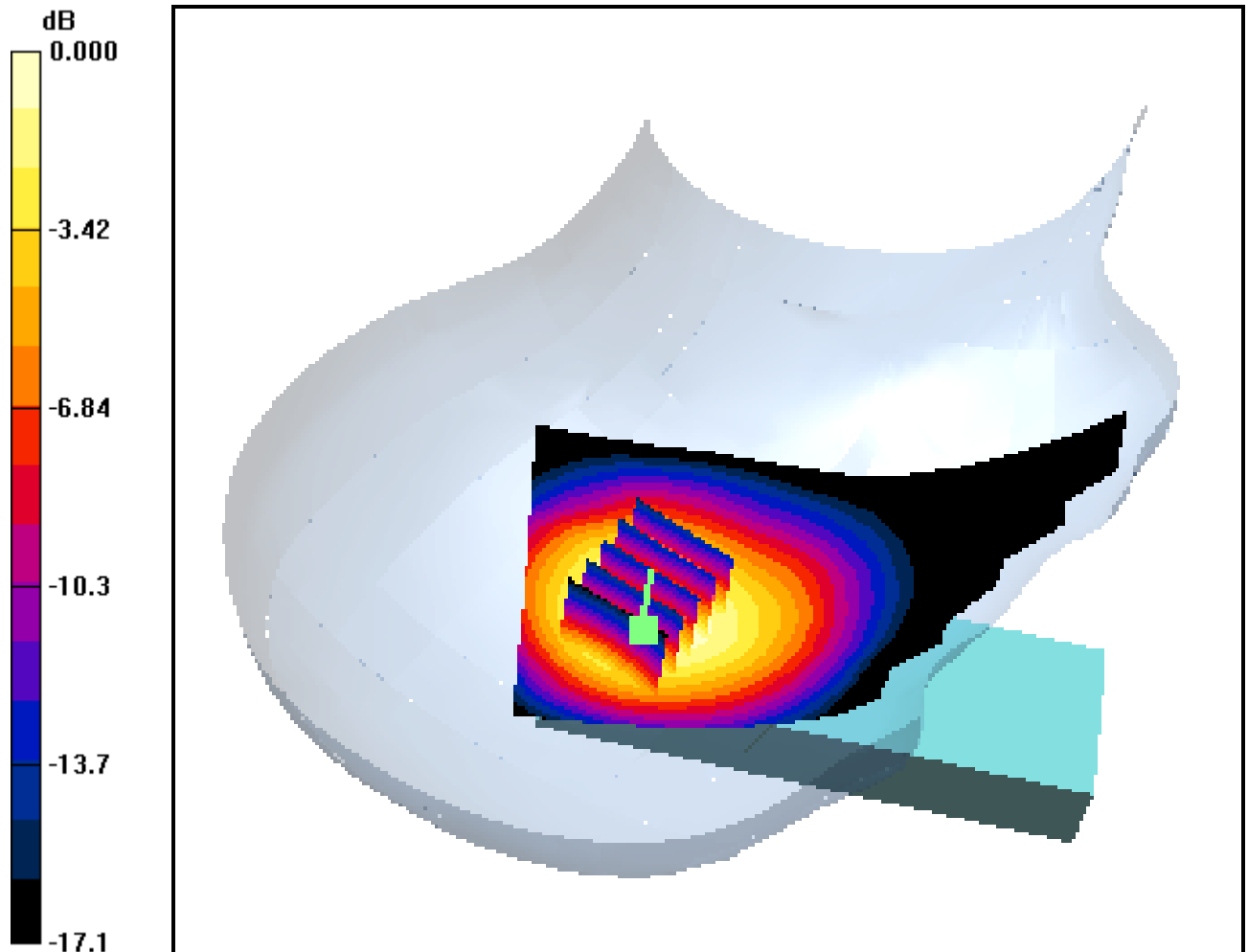
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.609 mW/g



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

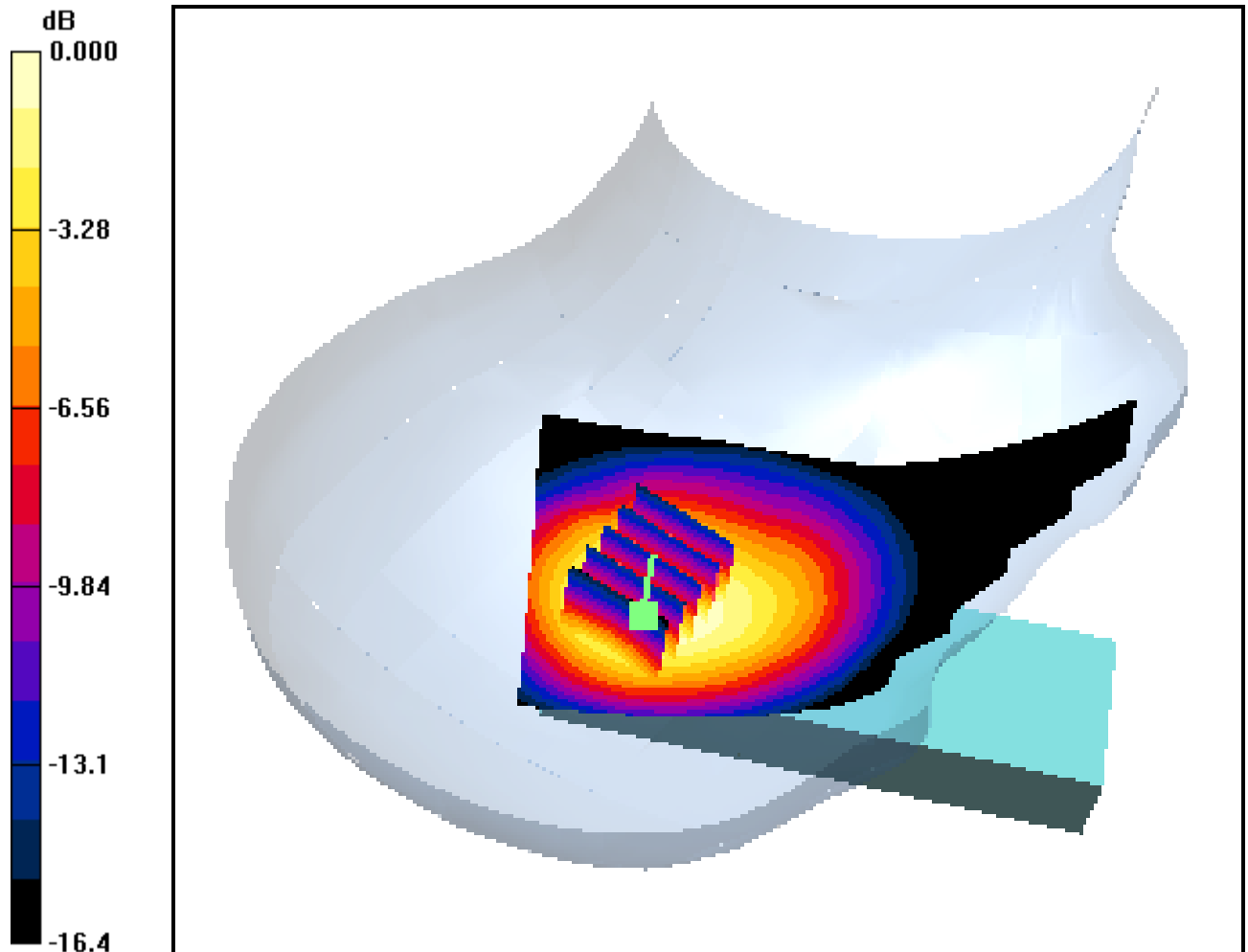
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.505 mW/g



0 dB = 0.896mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

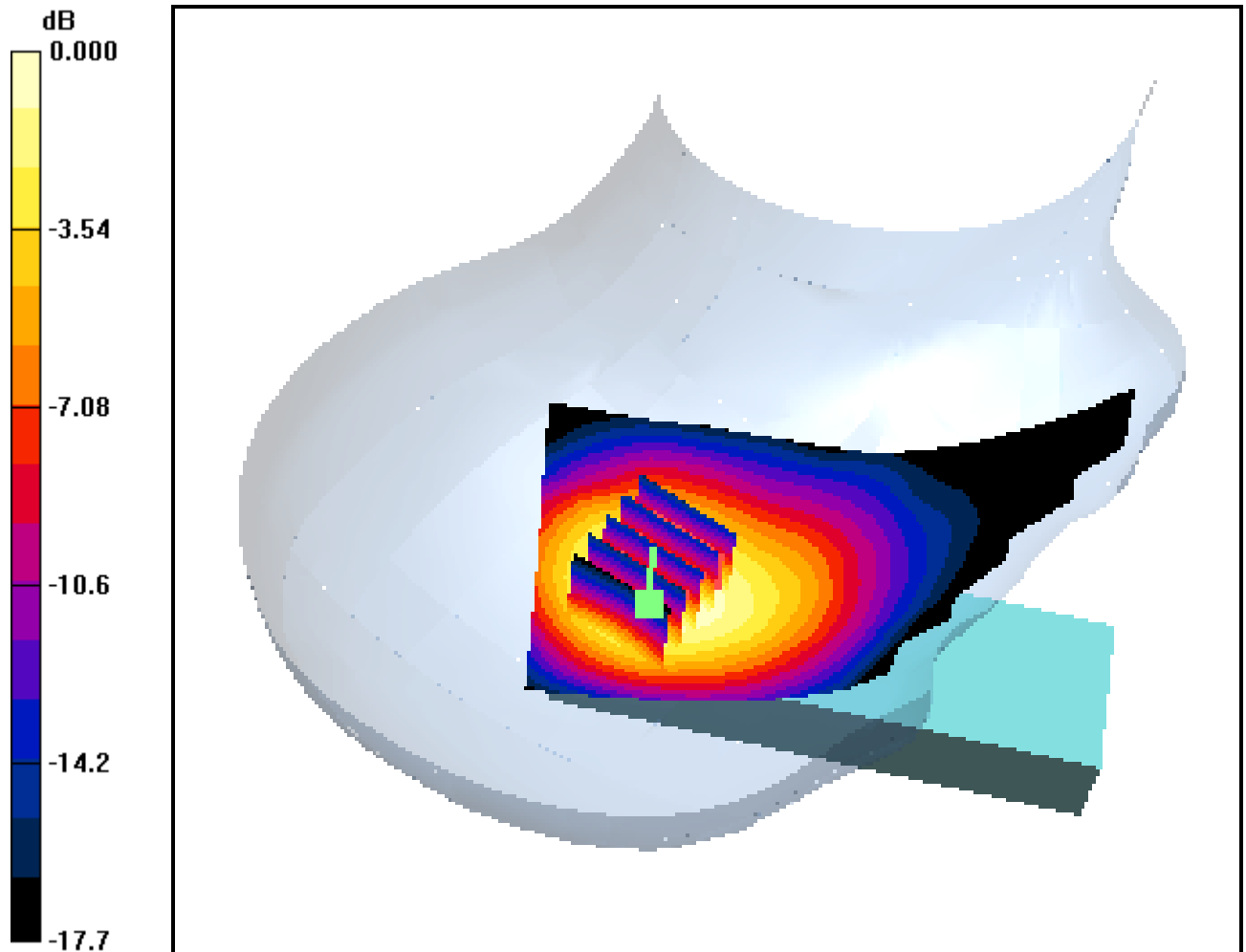
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.045 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.383 mW/g



0 dB = 0.703mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

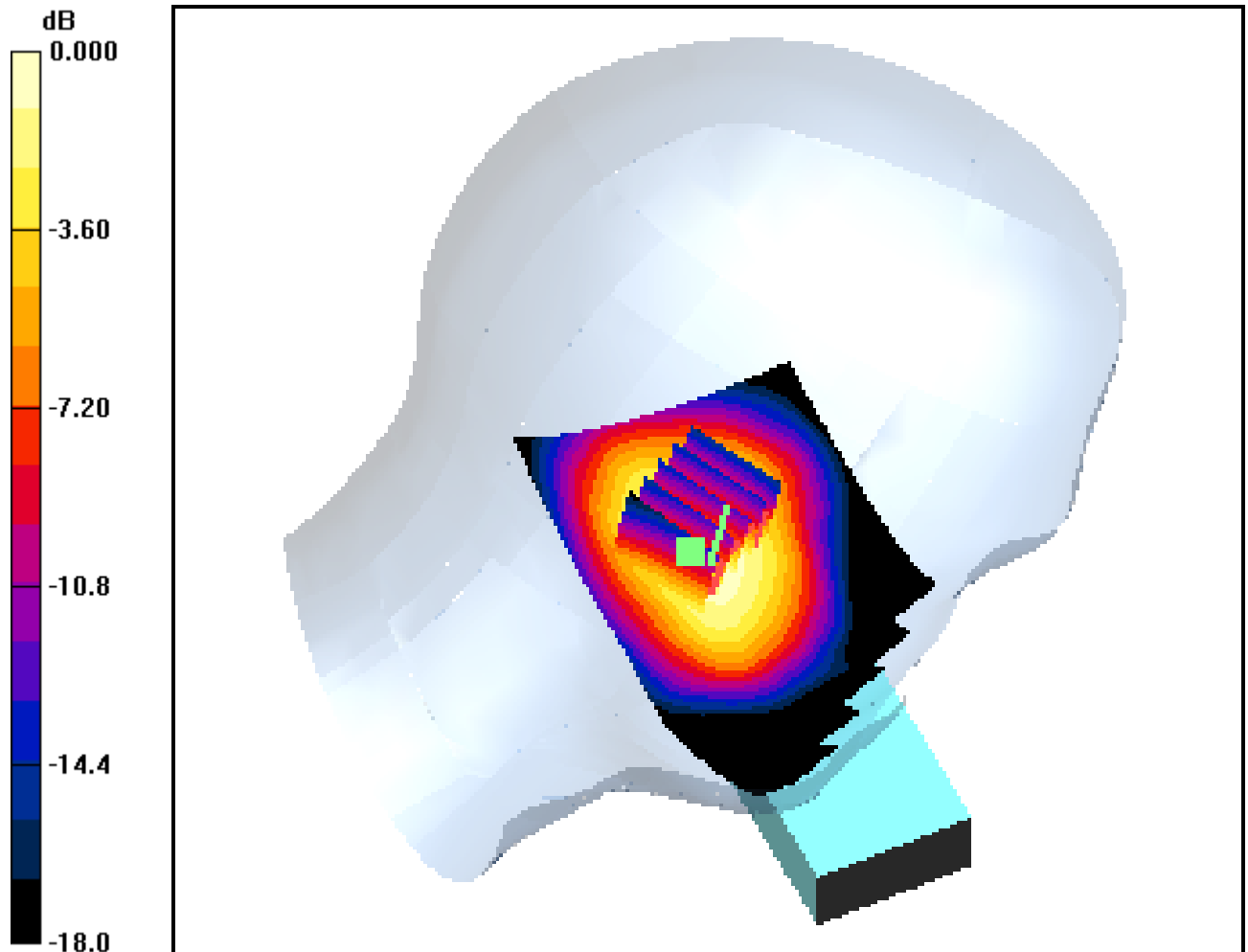
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.347 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.778 mW/g



0 dB = 1.41mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section

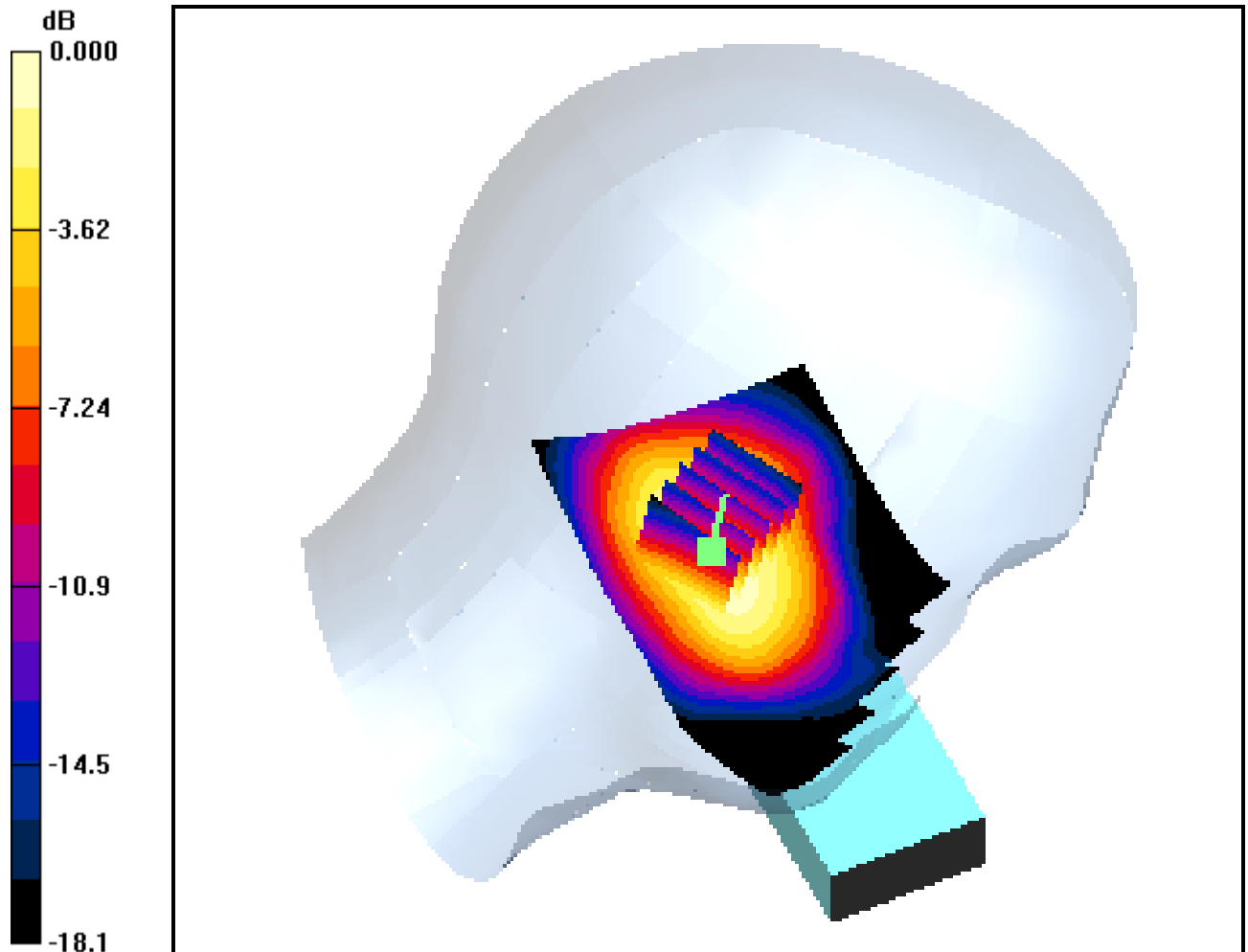
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

Area Scan (61x111x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Power Drift = -0.061 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.685 mW/g



0 dB = 1.26mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

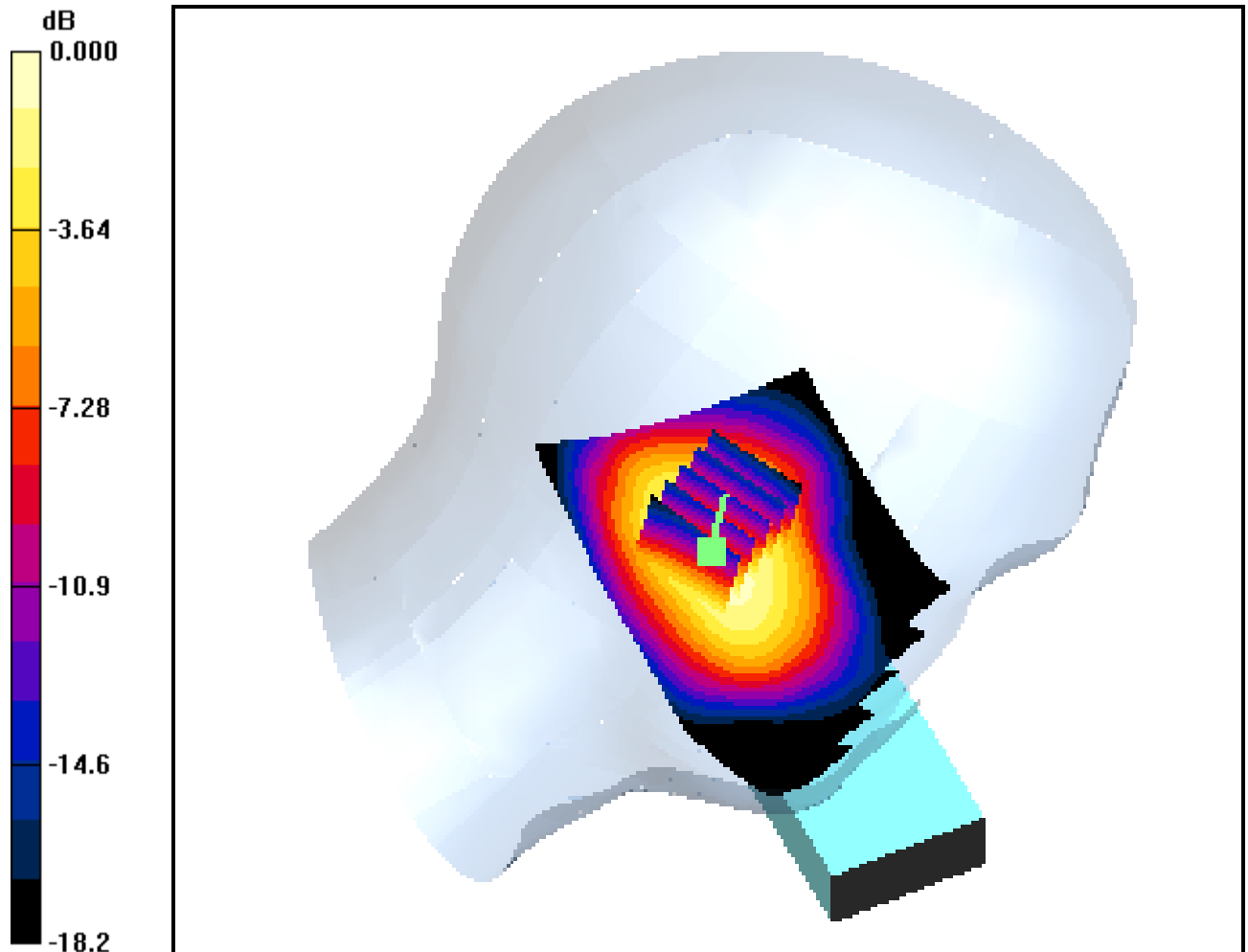
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.538 mW/g



0 dB = 1.03mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³
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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

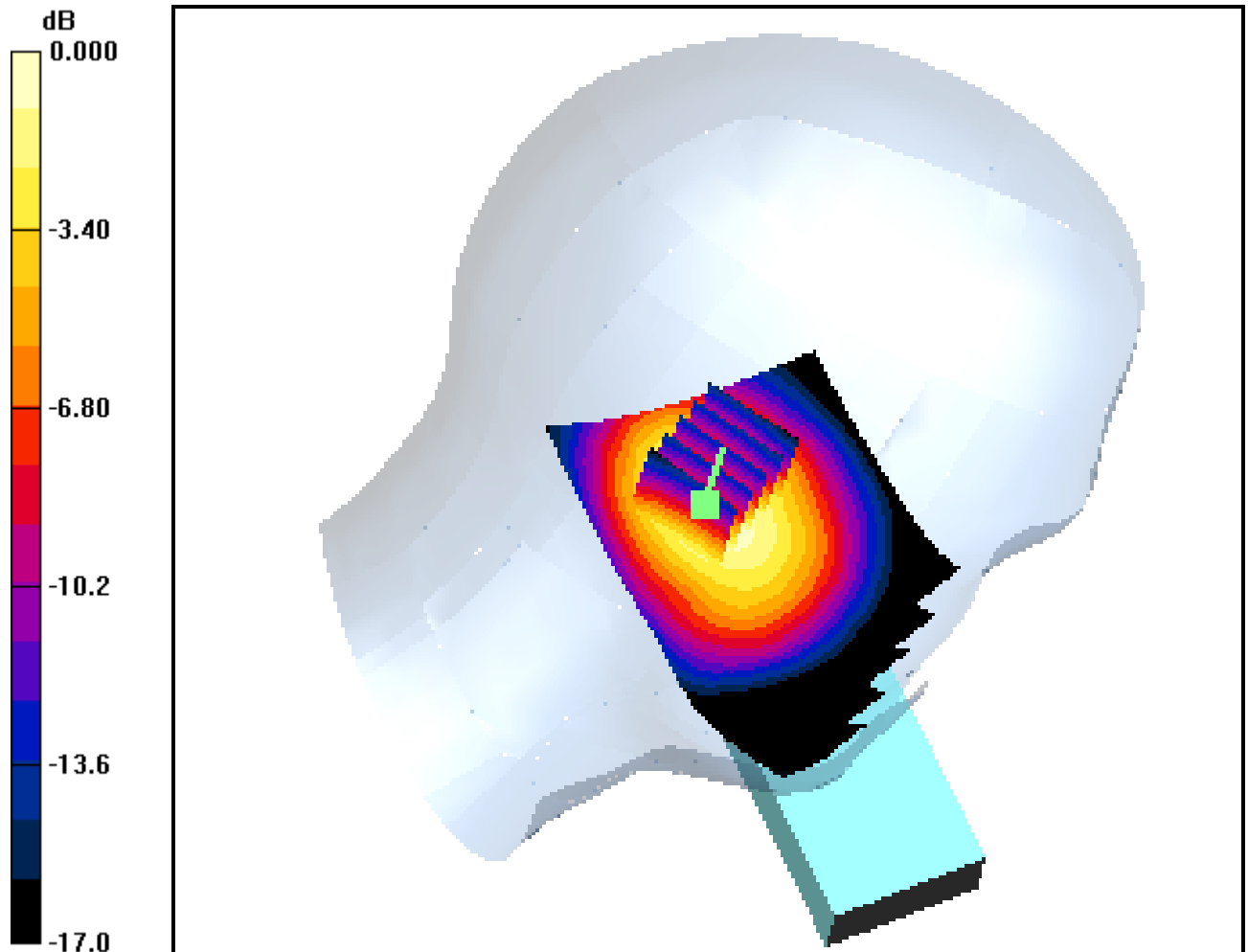
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.050 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.438 mW/g



0 dB = 0.802mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ 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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

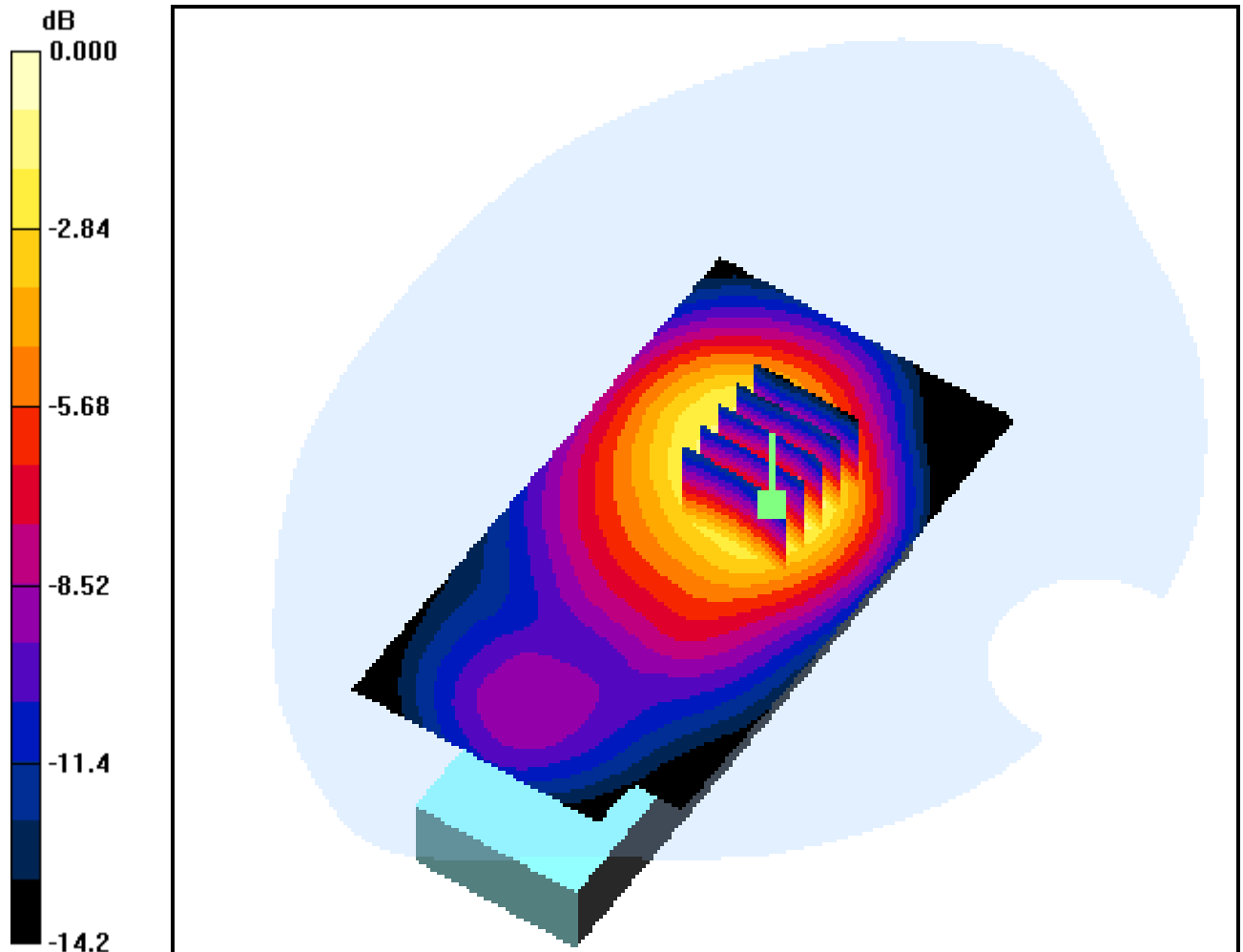
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.267 mW/g



0 dB = 0.479mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

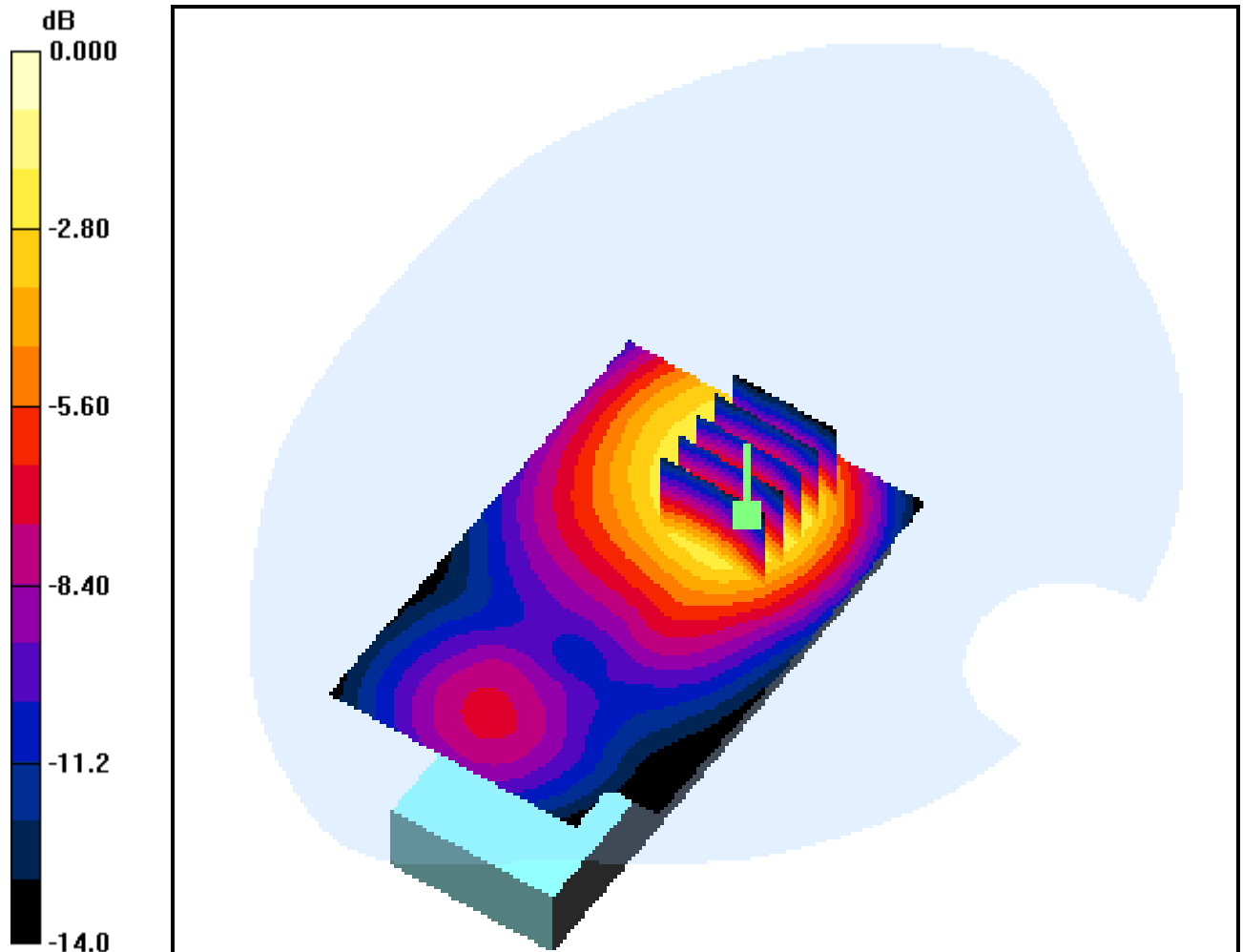
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.004 dB
Peak SAR (extrapolated) = 0.719 W/kg
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.266 mW/g



0 dB = 0.469mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

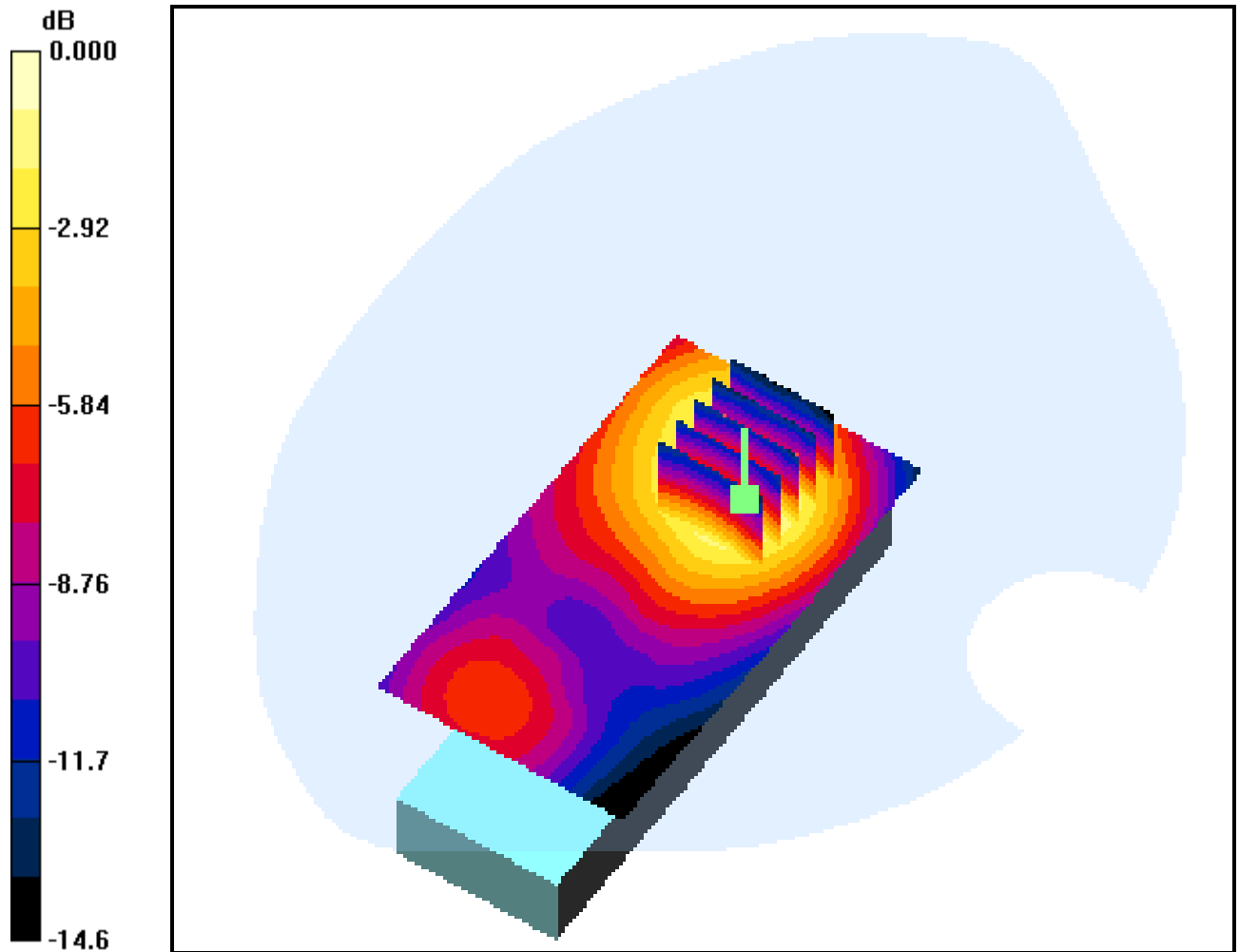
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

1.5cm from Body, PCS Ch.810, Ant Internal, Standard 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 = -0.019 dB
Peak SAR (extrapolated) = 0.554 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.203 mW/g



0 dB = 0.364mW/g

DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.938$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³
Phantom section: Right Section

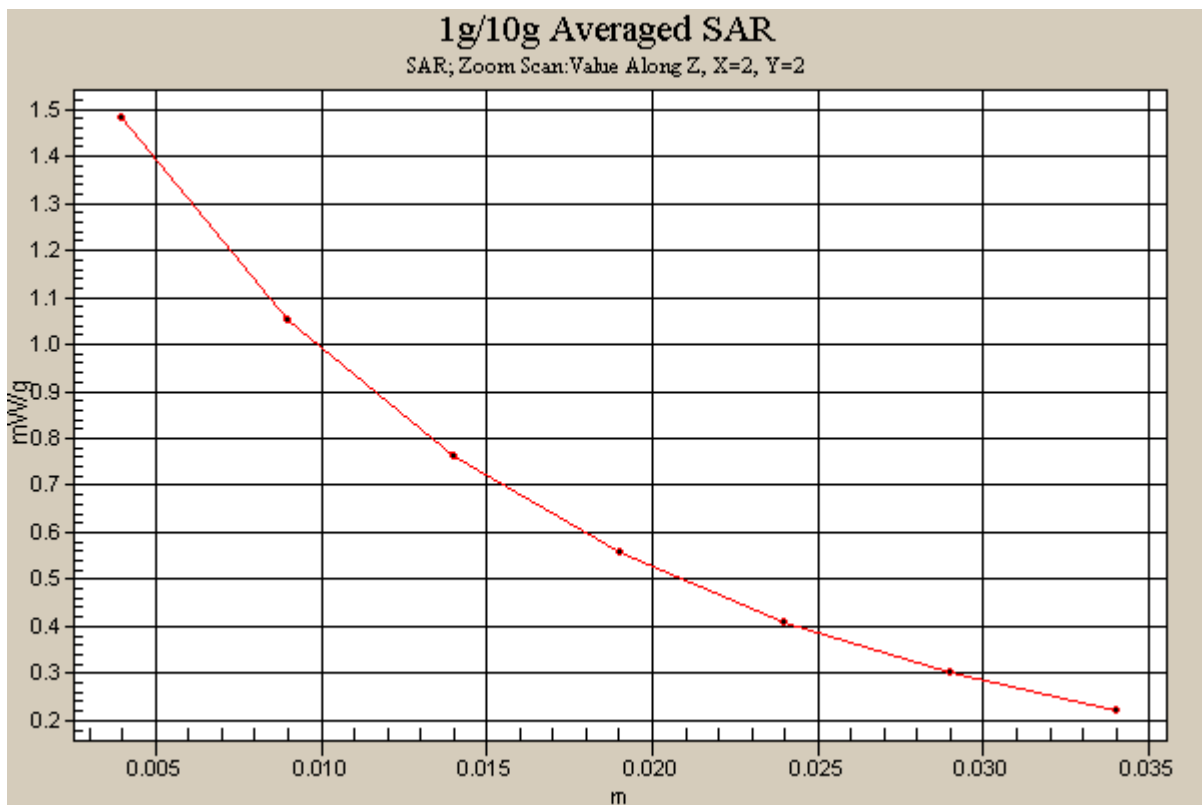
DASY4 Configuration:

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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.046 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.922 mW/g



DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.995$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
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: 2008-02-18; Ambient Temp: 21.5; Tissue Temp: 21.0

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

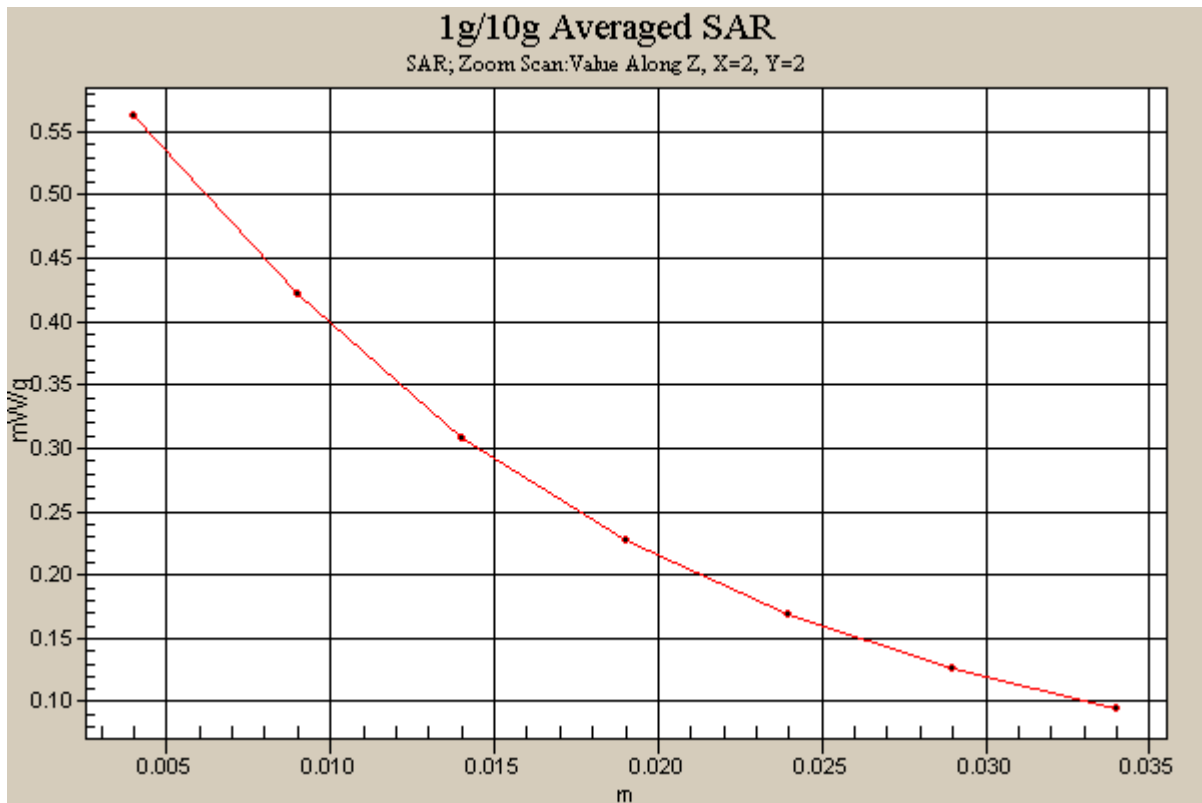
Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.381 mW/g



DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
Phantom section: Right Section

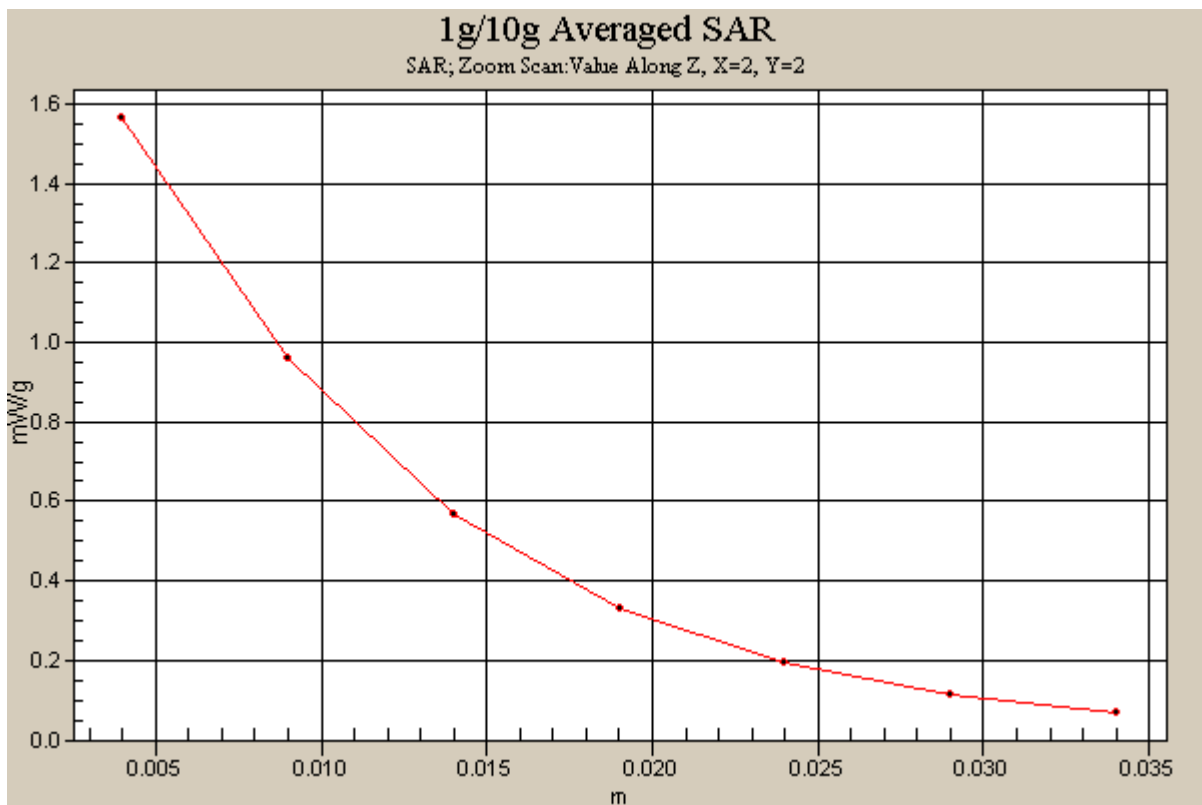
DASY4 Configuration:

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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.057 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.861 mW/g



DIGITAL EMC CO., LTD

DUT: PG430; Type: Bar Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.2$; $\rho = 1000$ 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: 2008-02-19; Ambient Temp: 20.5; Tissue Temp: 20.2

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

Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.267 mW/g

