

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.883 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

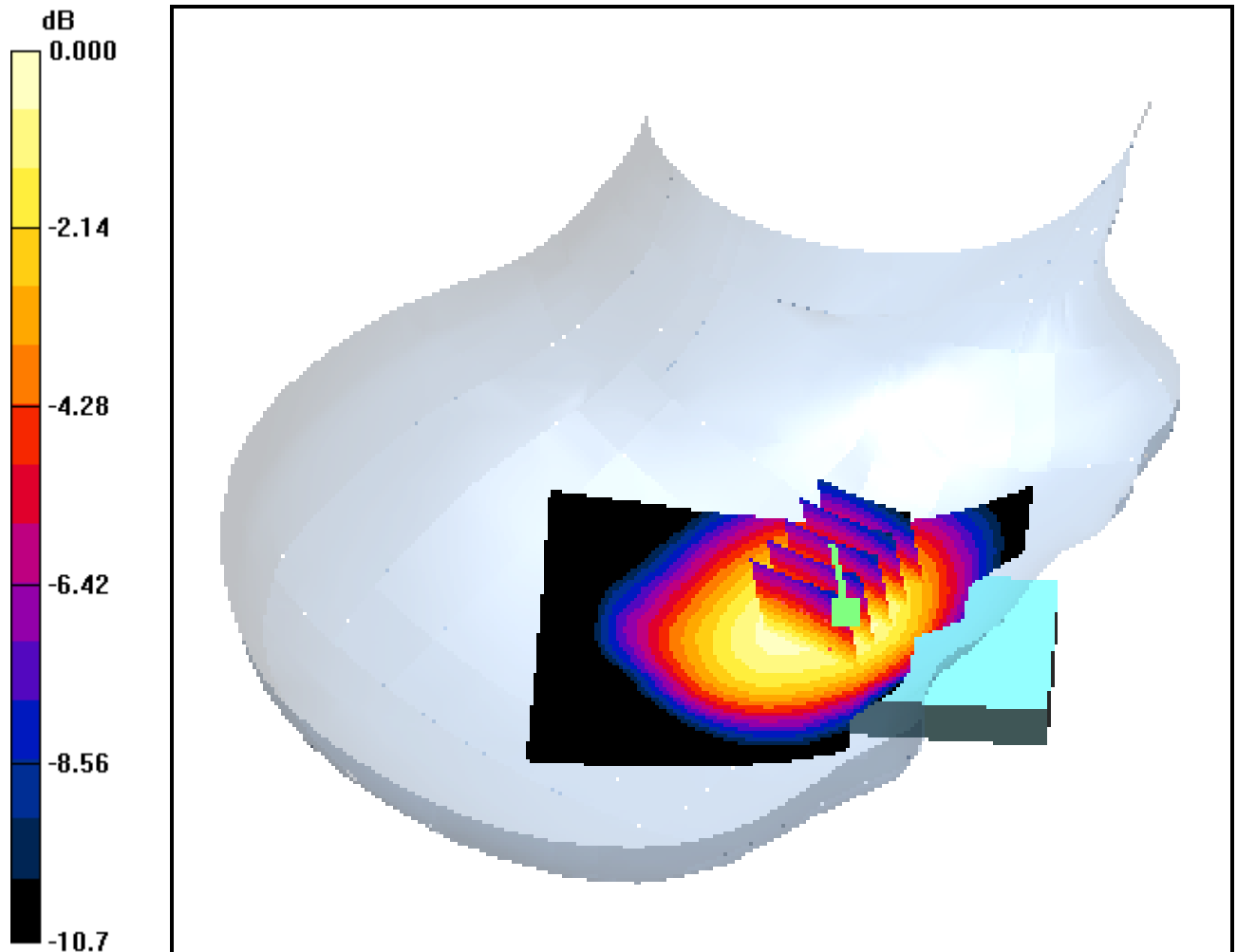
Area Scan (61x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.278 dB

Peak SAR (extrapolated) = 0.535 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.270 mW/g



0 dB = 0.404mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

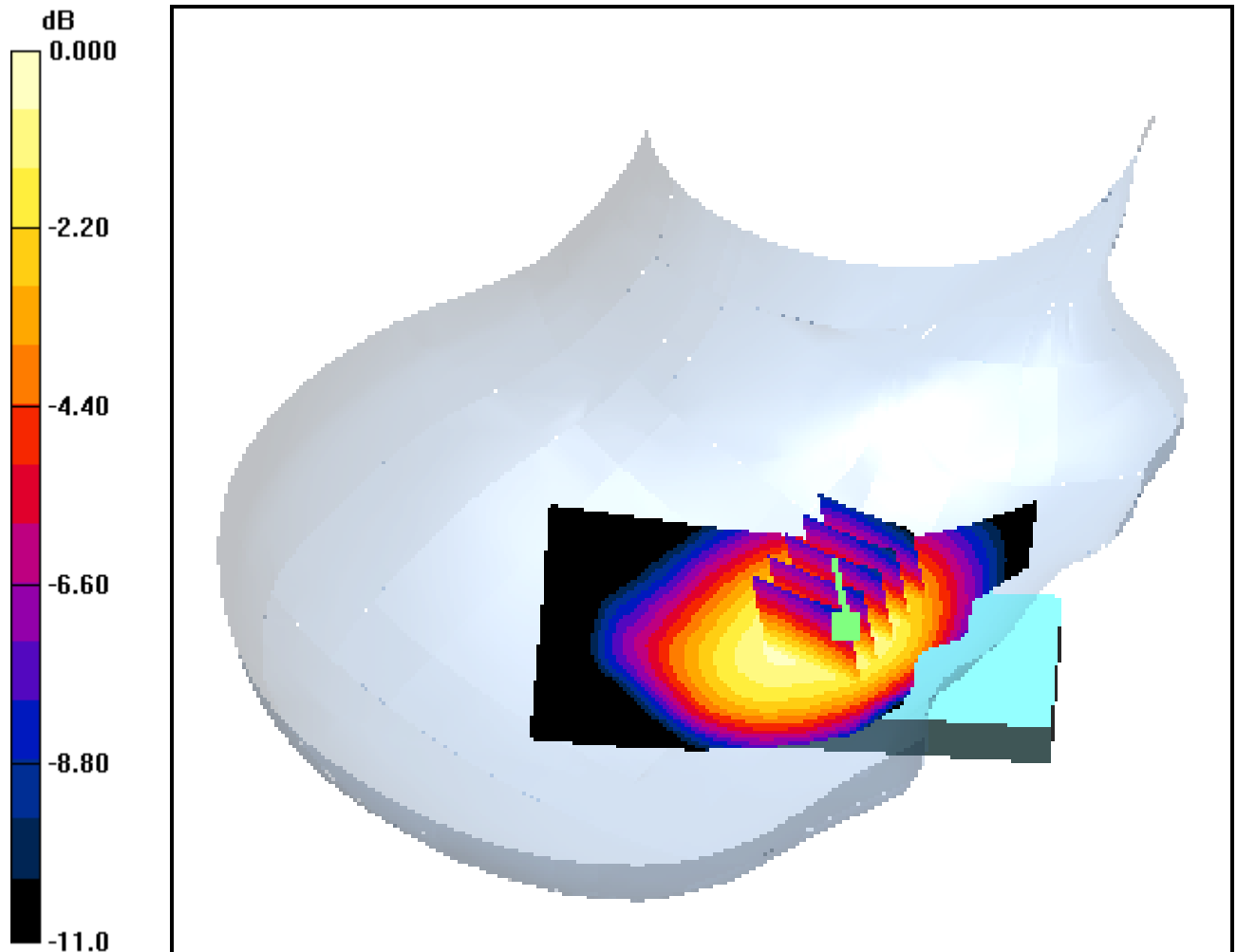
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.314 mW/g



0 dB = 0.484mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

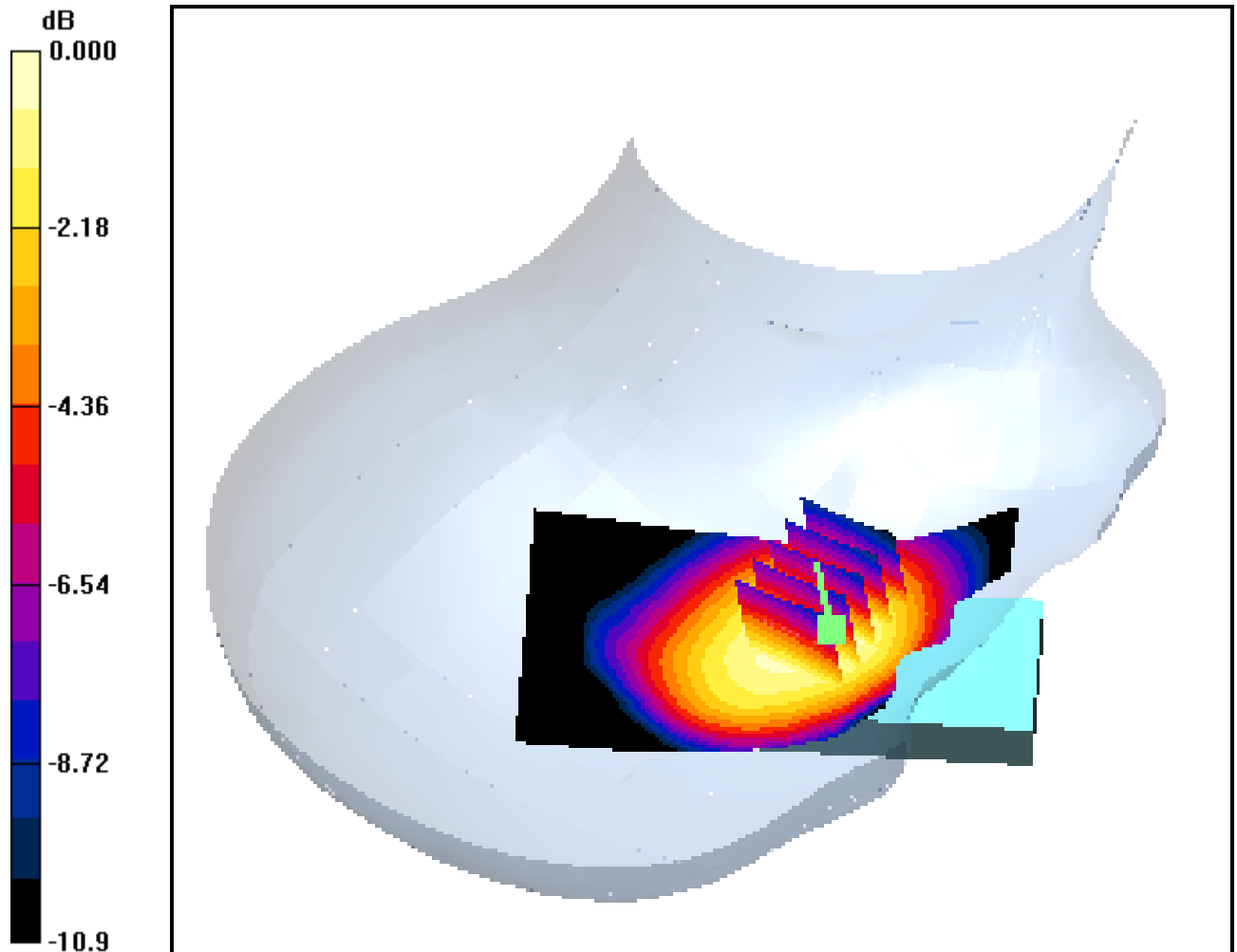
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.232 mW/g



0 dB = 0.356mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

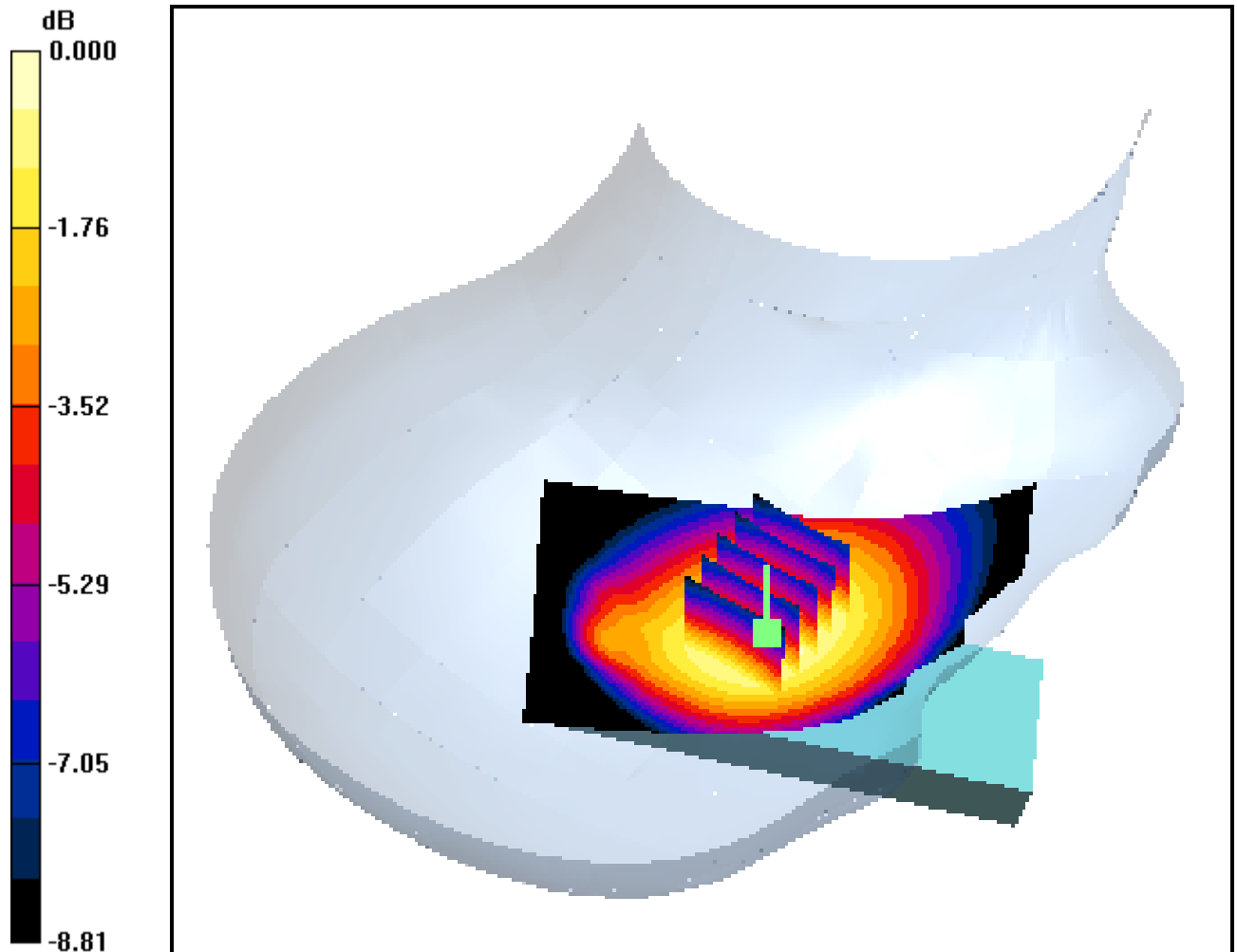
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.154 mW/g



0 dB = 0.222mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.883$ mho/m; $\epsilon_r = 41.2$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

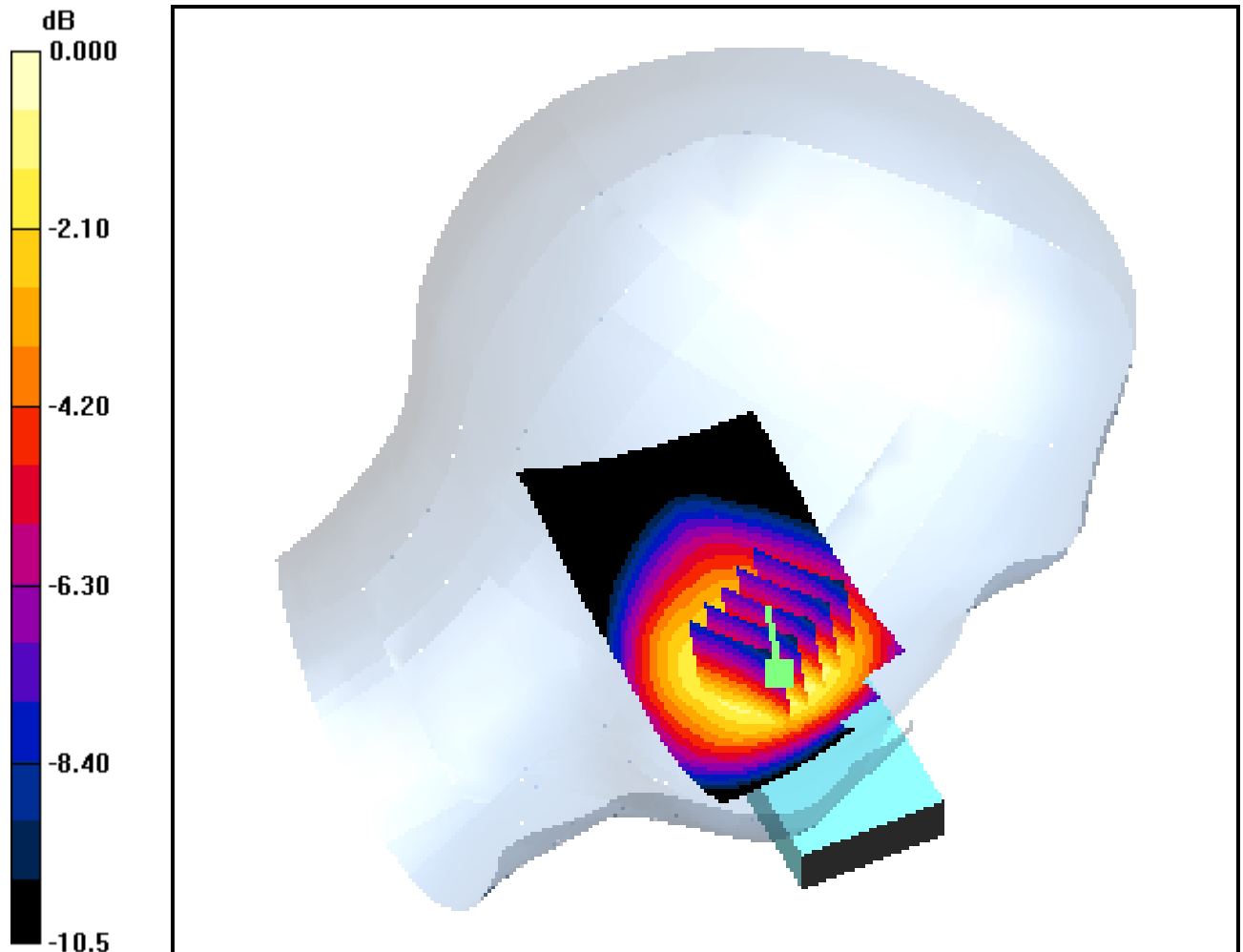
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.213 mW/g



0 dB = 0.338mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

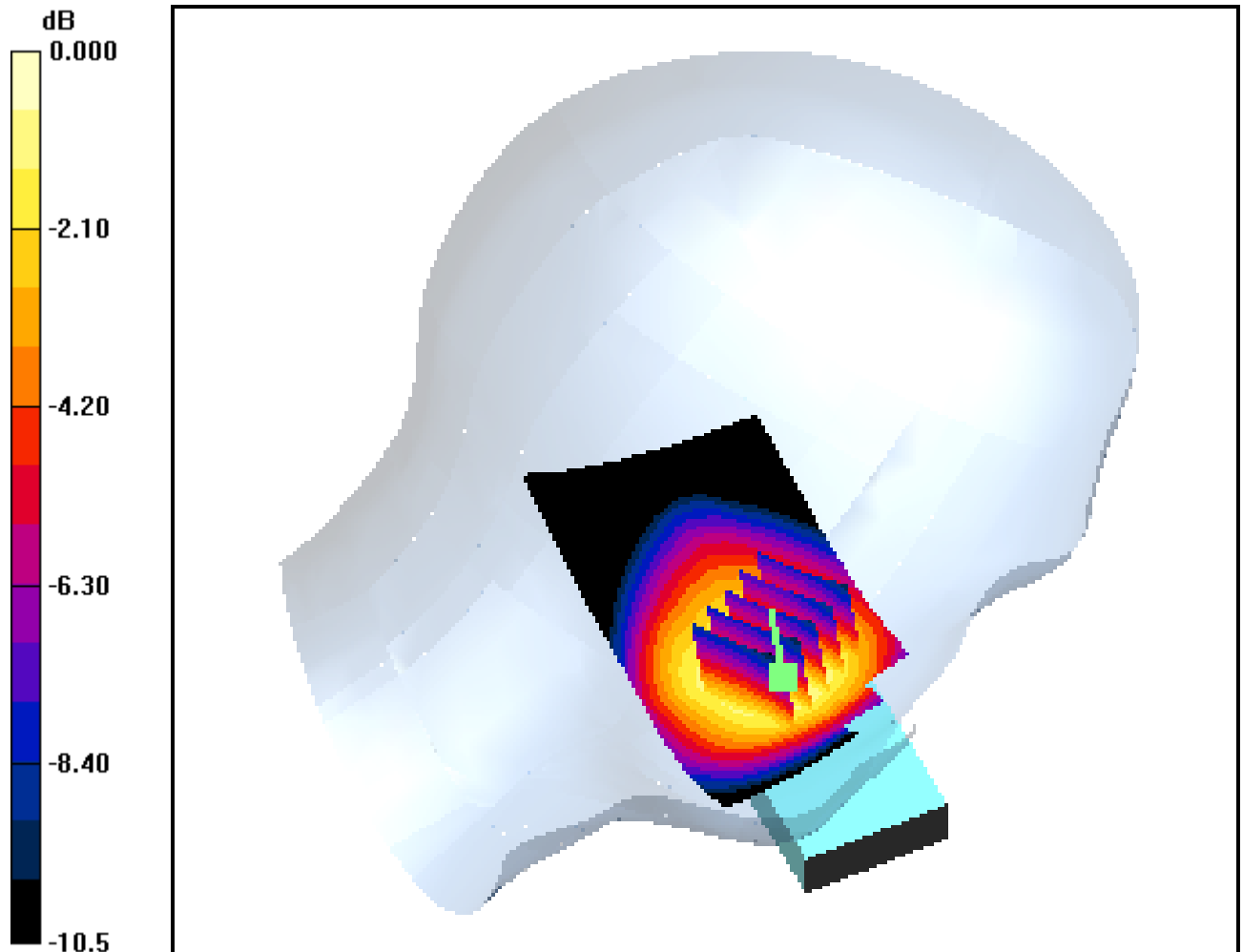
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.265 mW/g



0 dB = 0.420mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

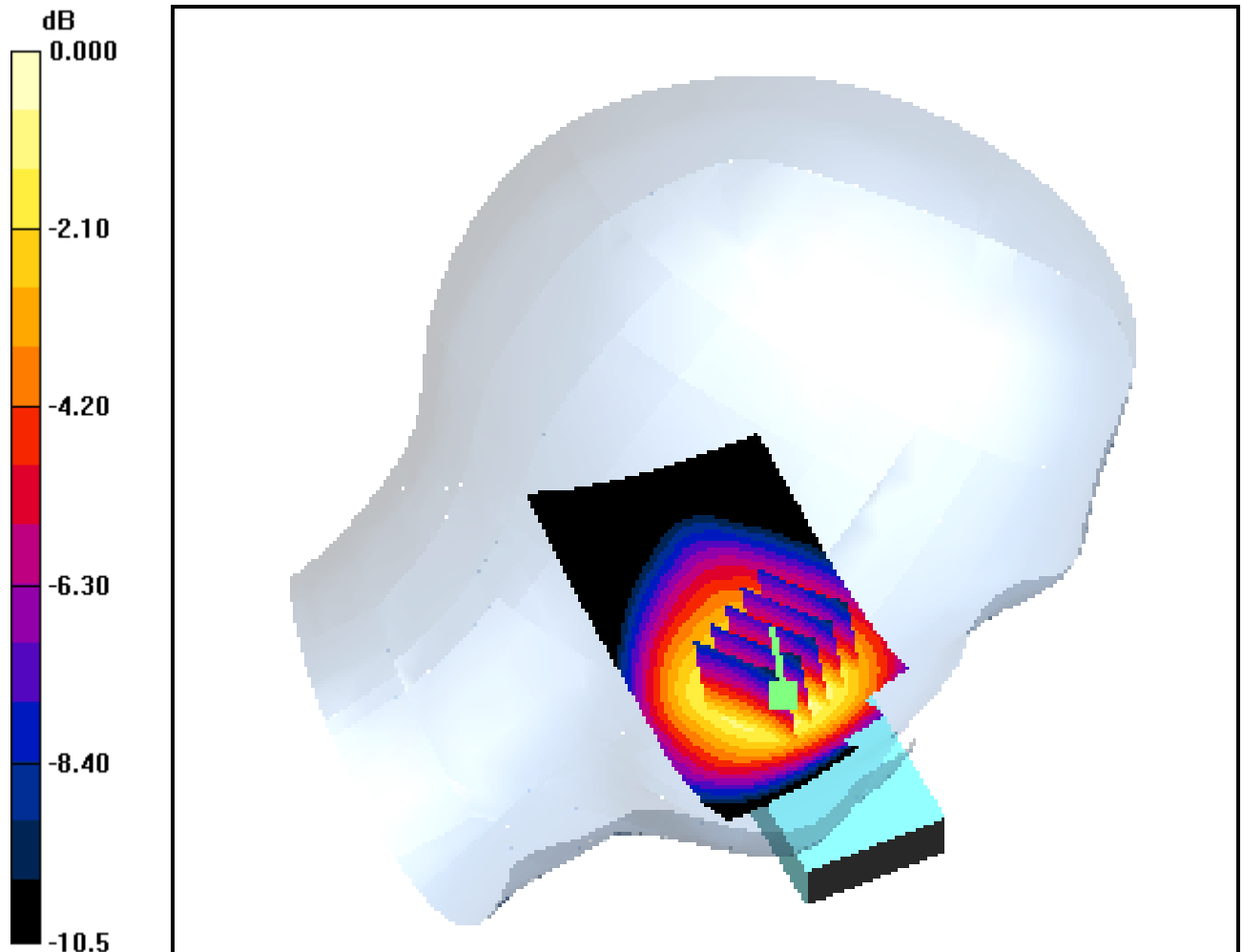
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.217 dB

Peak SAR (extrapolated) = 0.642 W/kg

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.297 mW/g



0 dB = 0.474mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

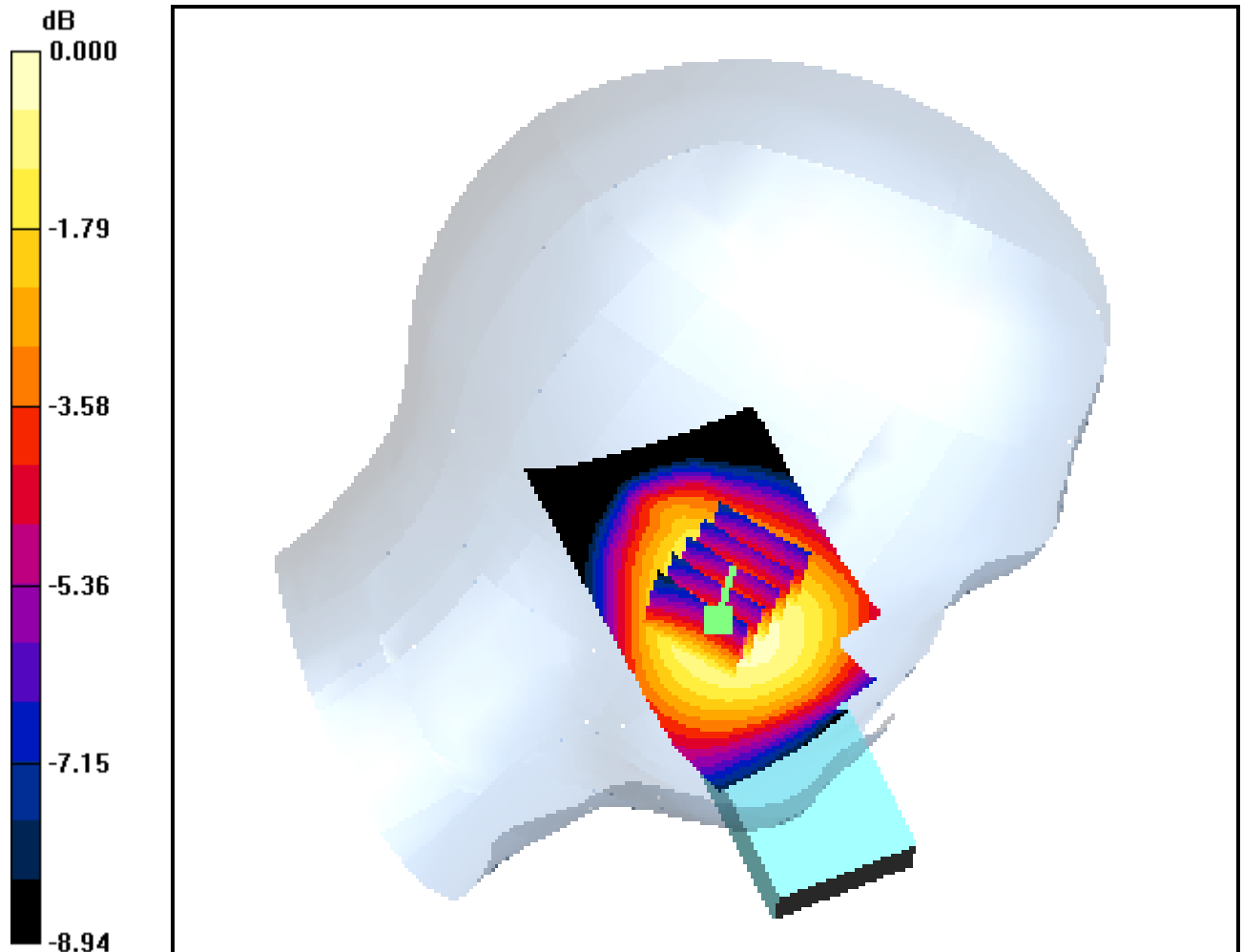
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.168 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.124 mW/g



0 dB = 0.172mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.883 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

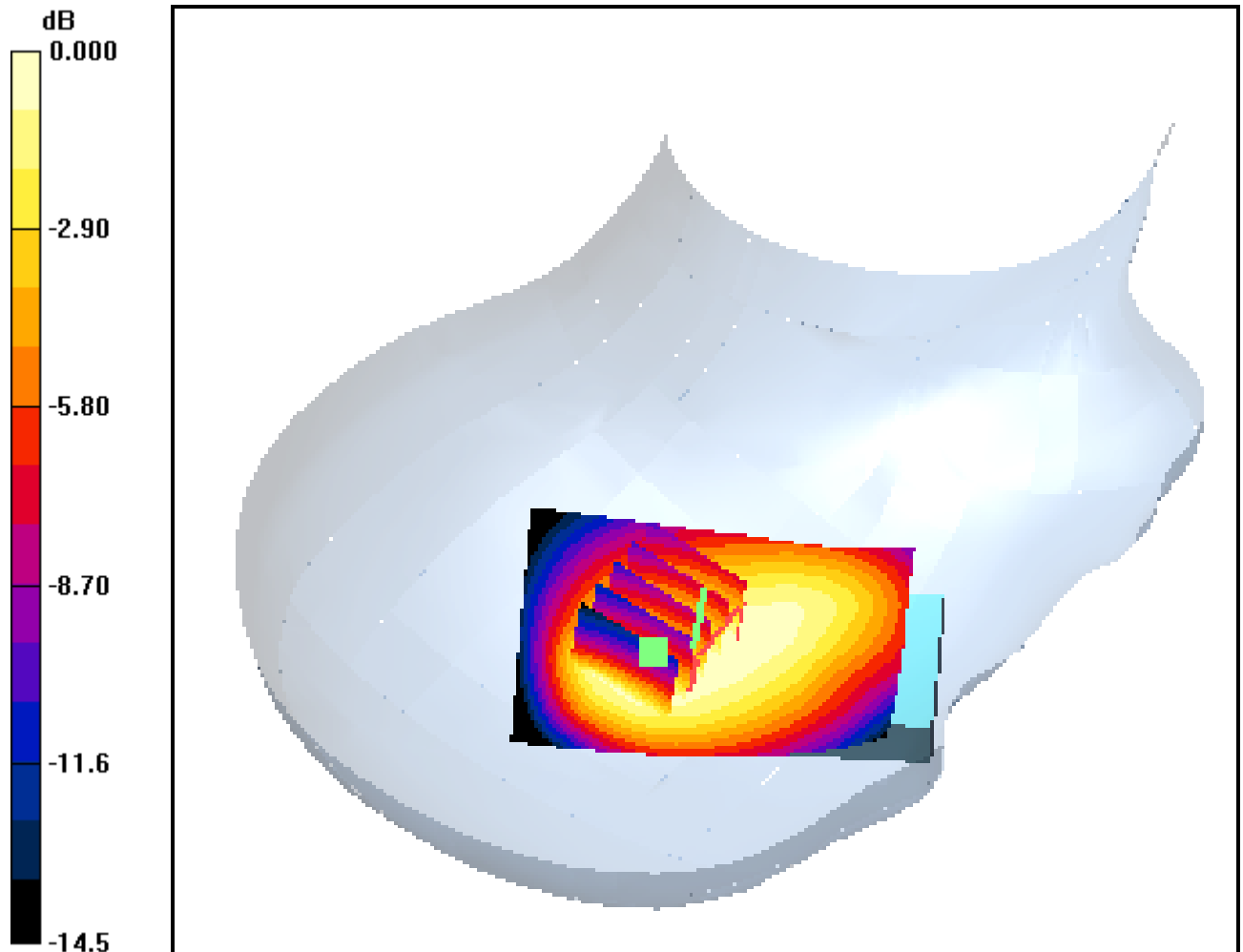
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.095mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

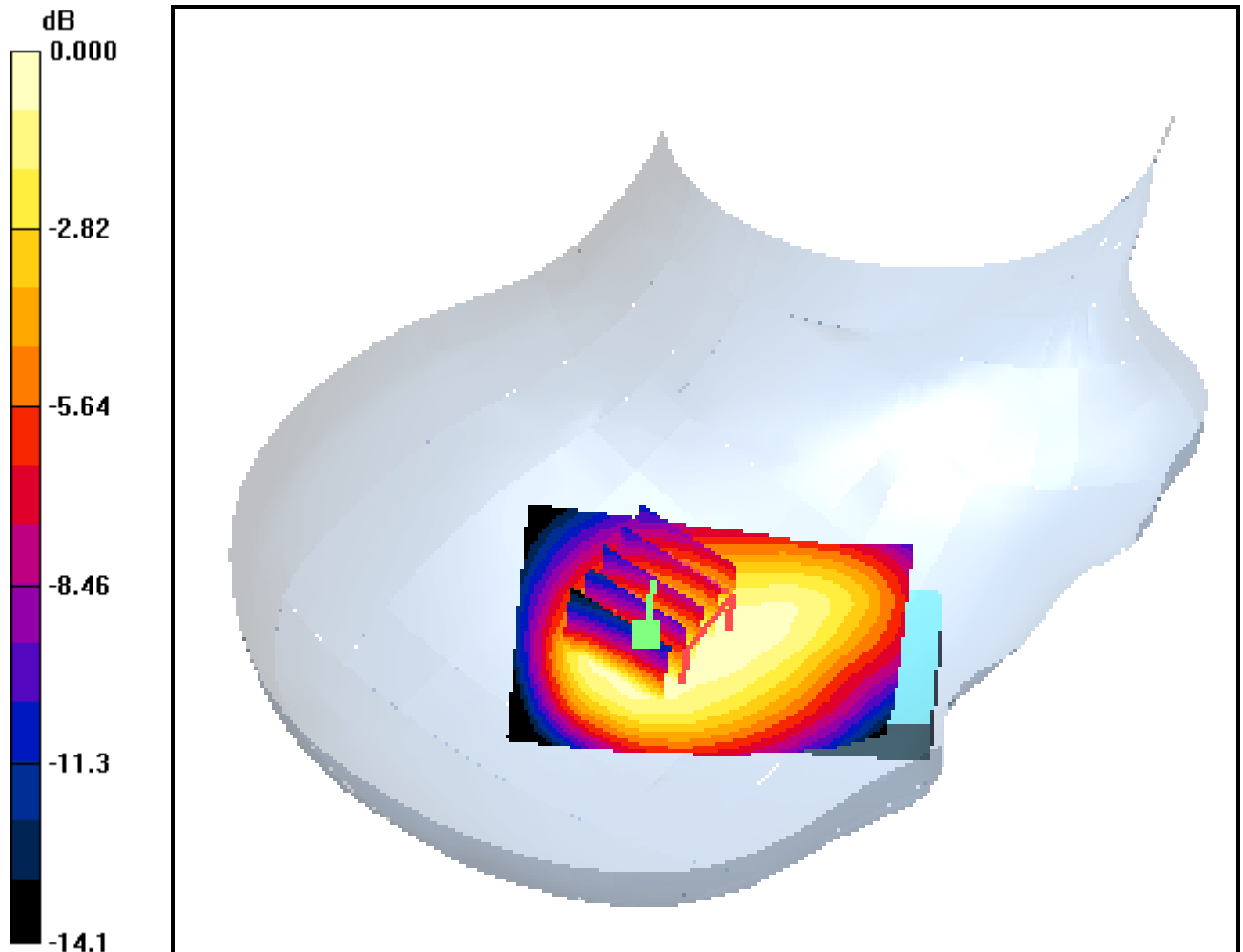
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.096 mW/g



0 dB = 0.147mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

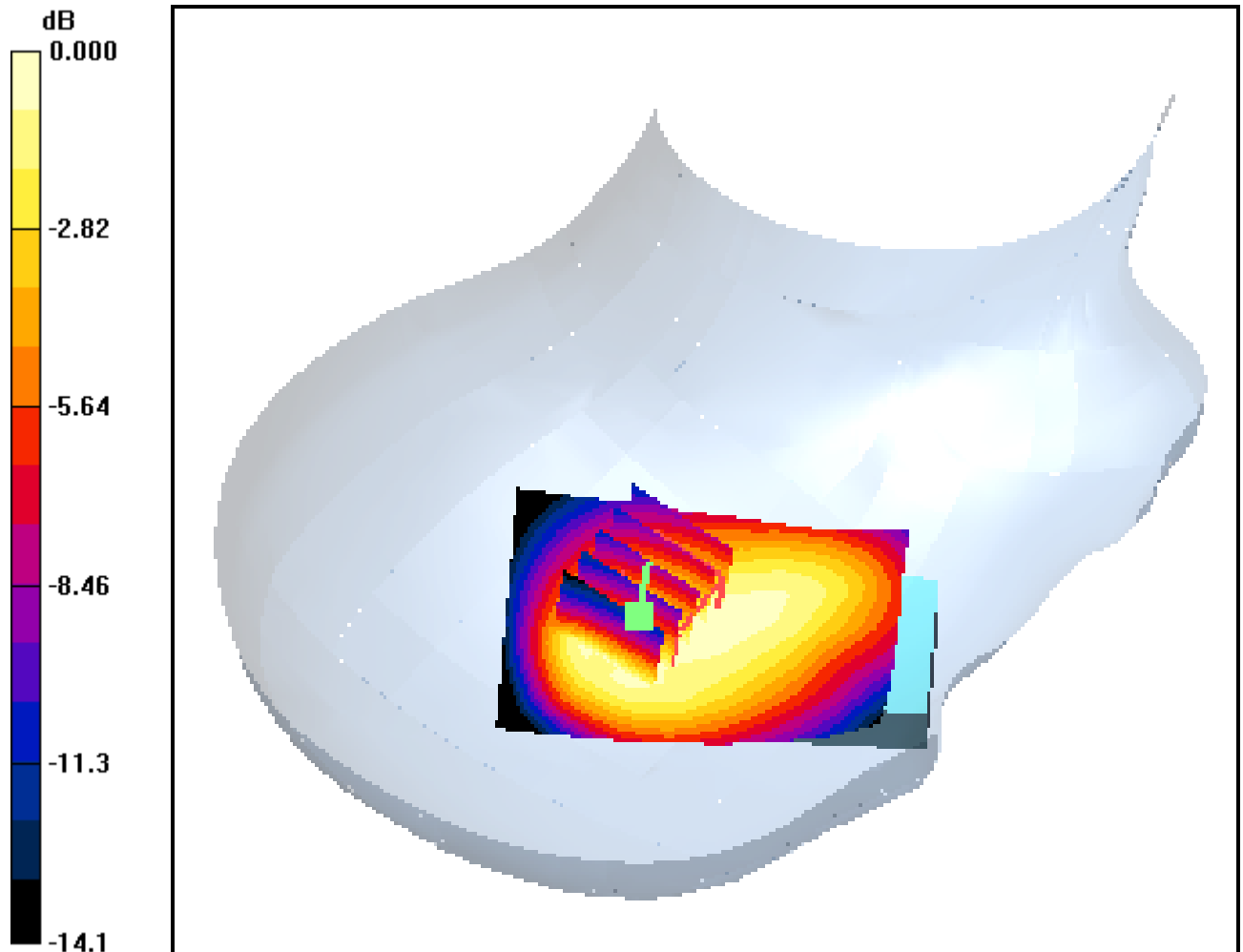
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.132 mW/g



0 dB = 0.210mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

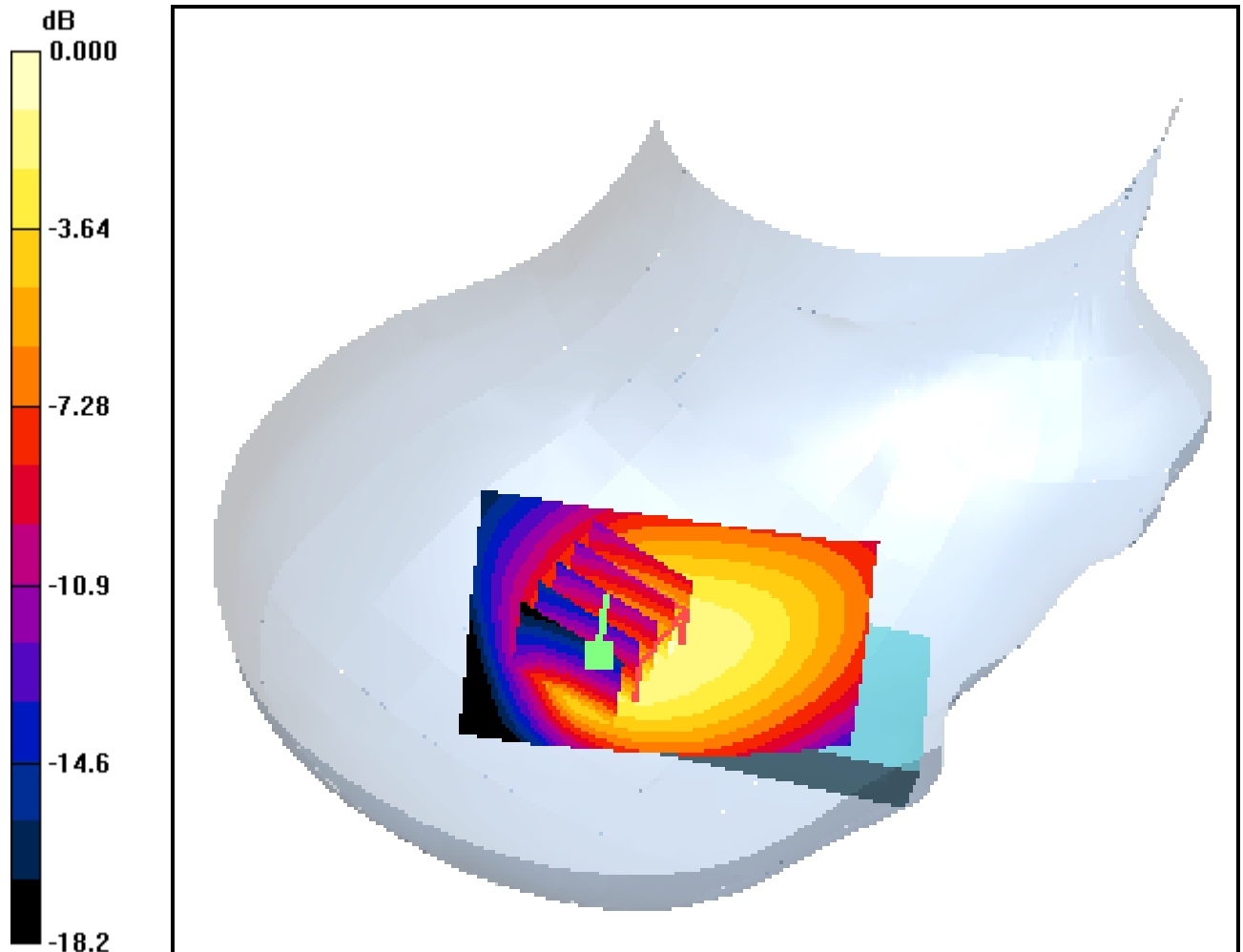
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.101 mW/g



0 dB = 0.190mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.883 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

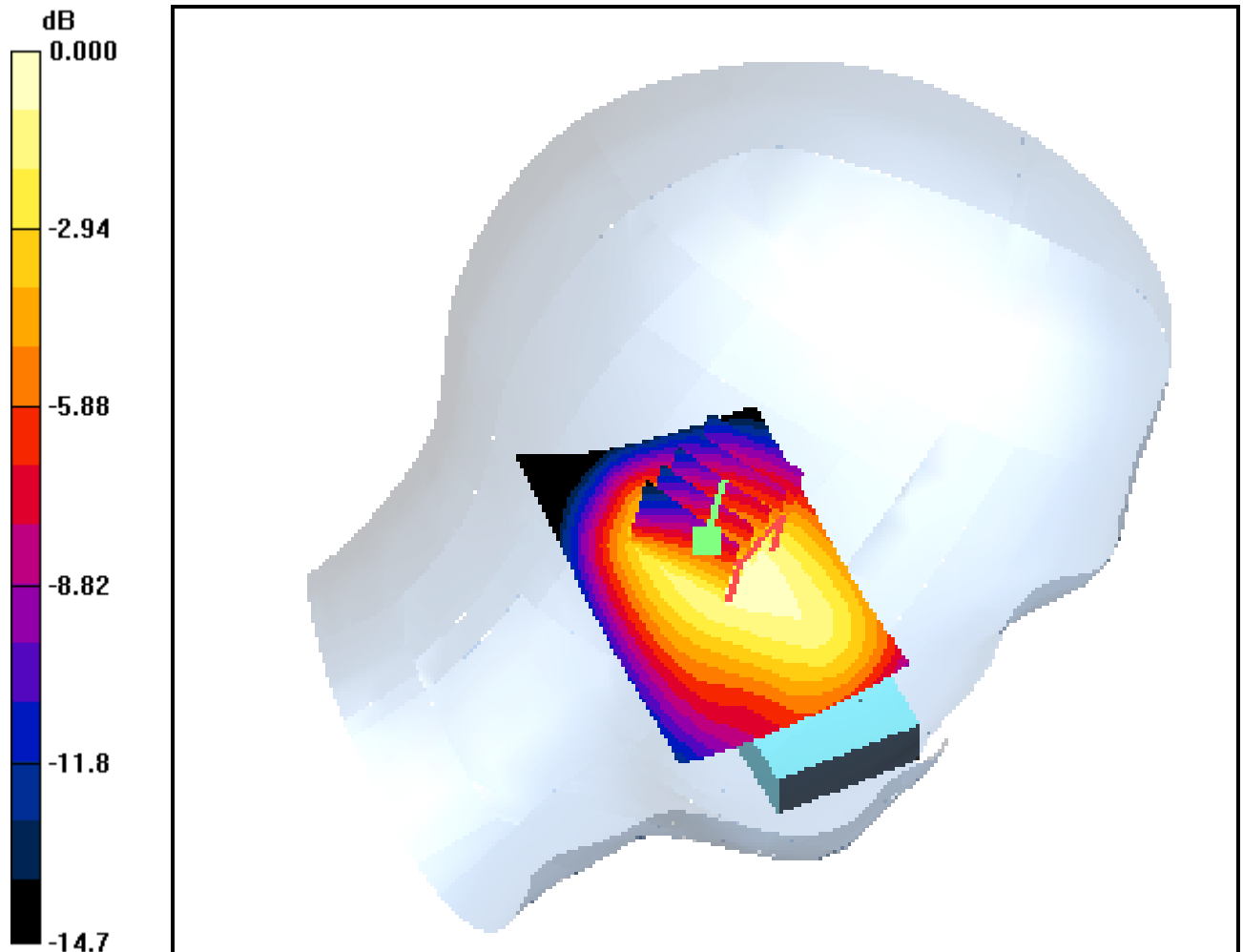
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.051 mW/g



0 dB = 0.080mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

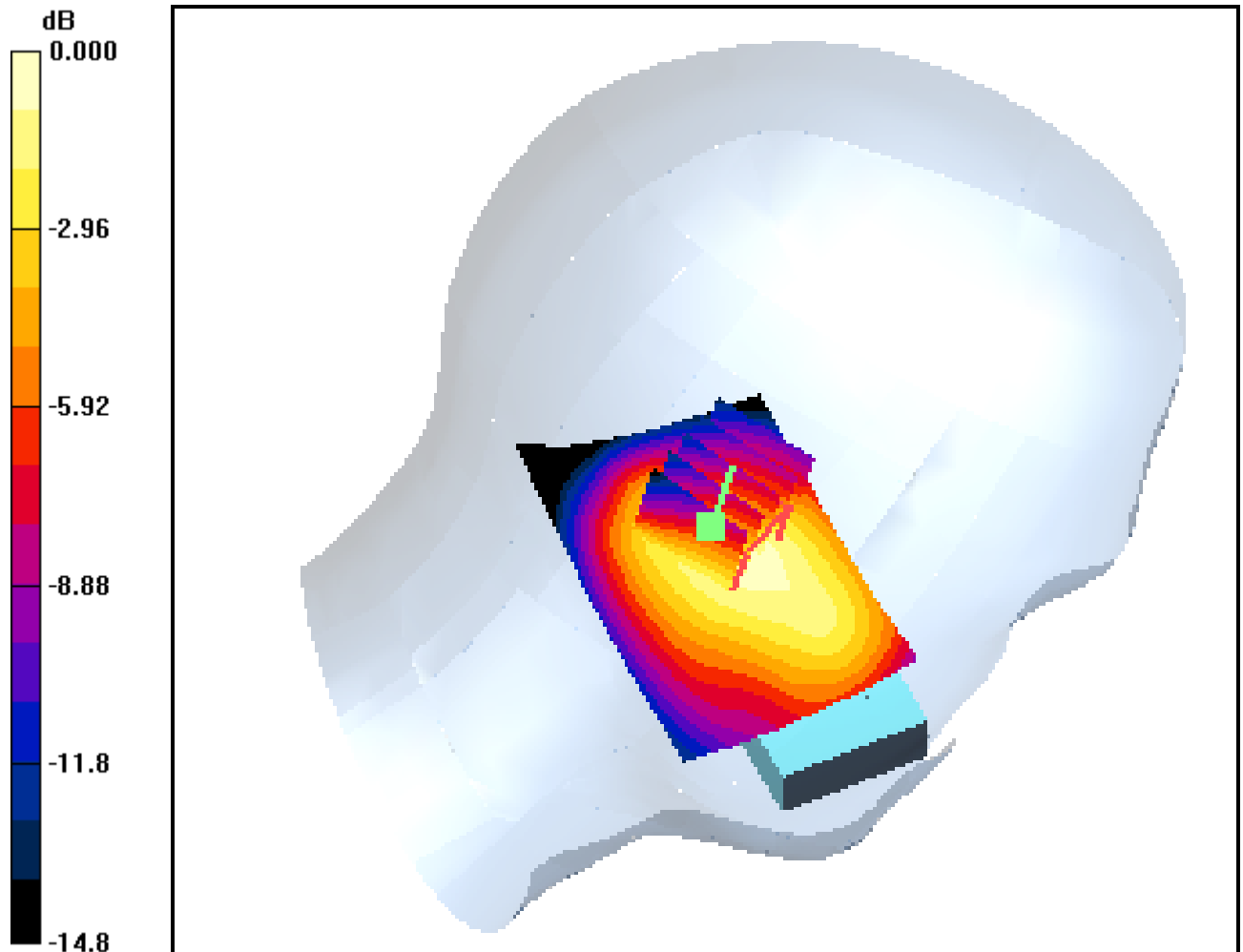
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.074 mW/g



0 dB = 0.122mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.906 \text{ mho/m}$; $\epsilon_r = 40.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

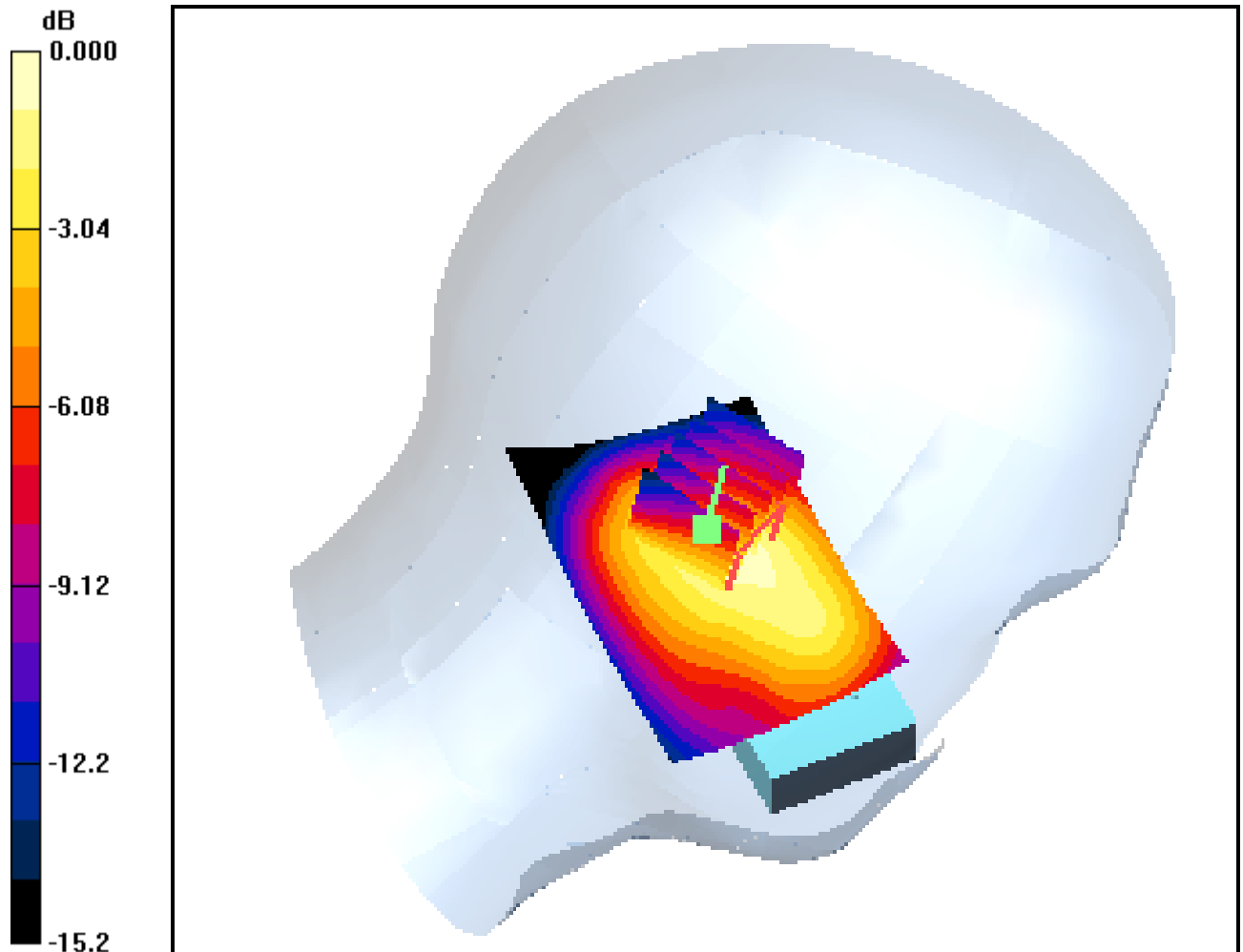
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.107 mW/g



0 dB = 0.181mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.66, 6.66, 6.66); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

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

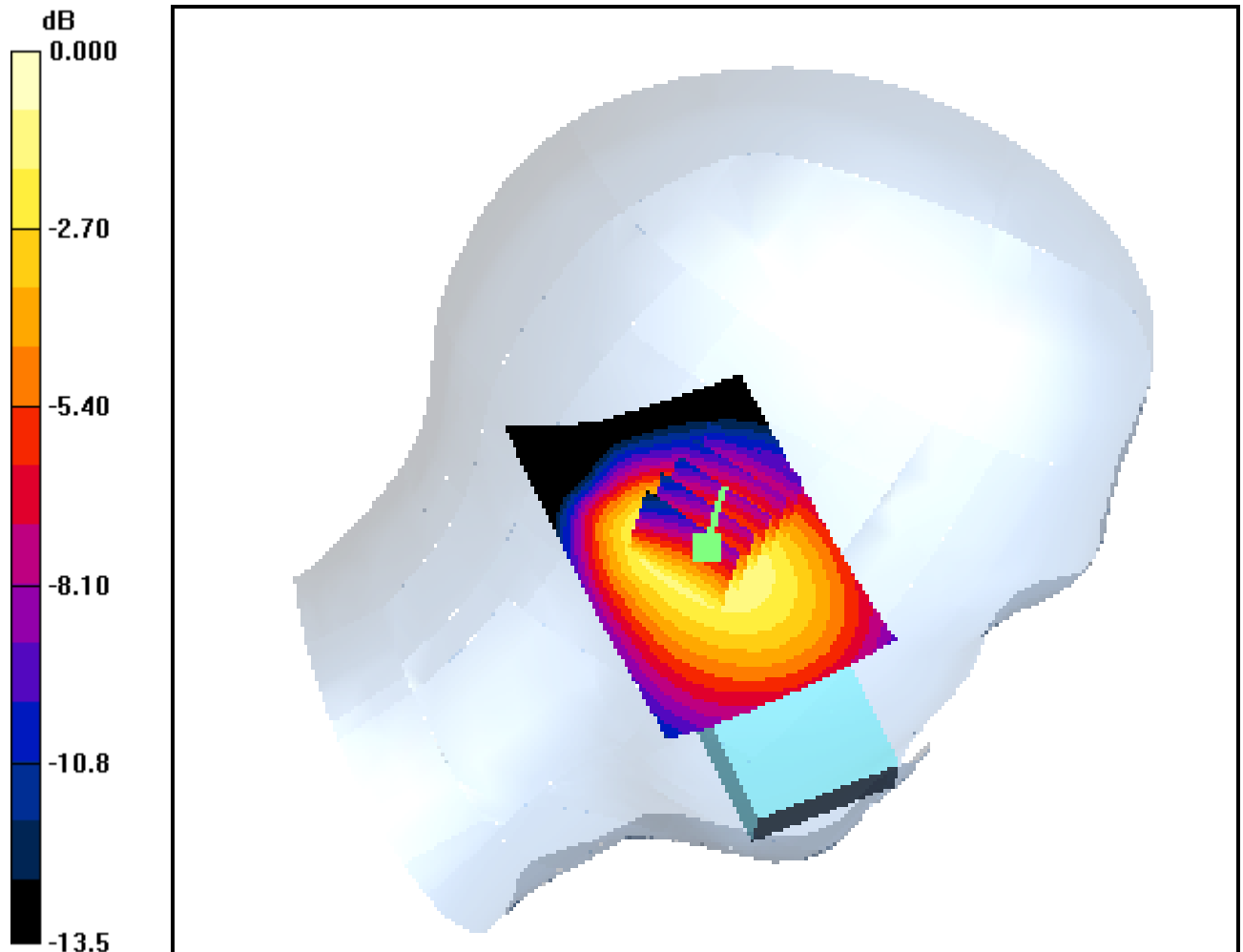
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.082 mW/g



0 dB = 0.134mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.993 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.21, 6.21, 6.21); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

1.5cm from Body, GSM Ch.128, Ant Intenna, Standary Battery With GPRS

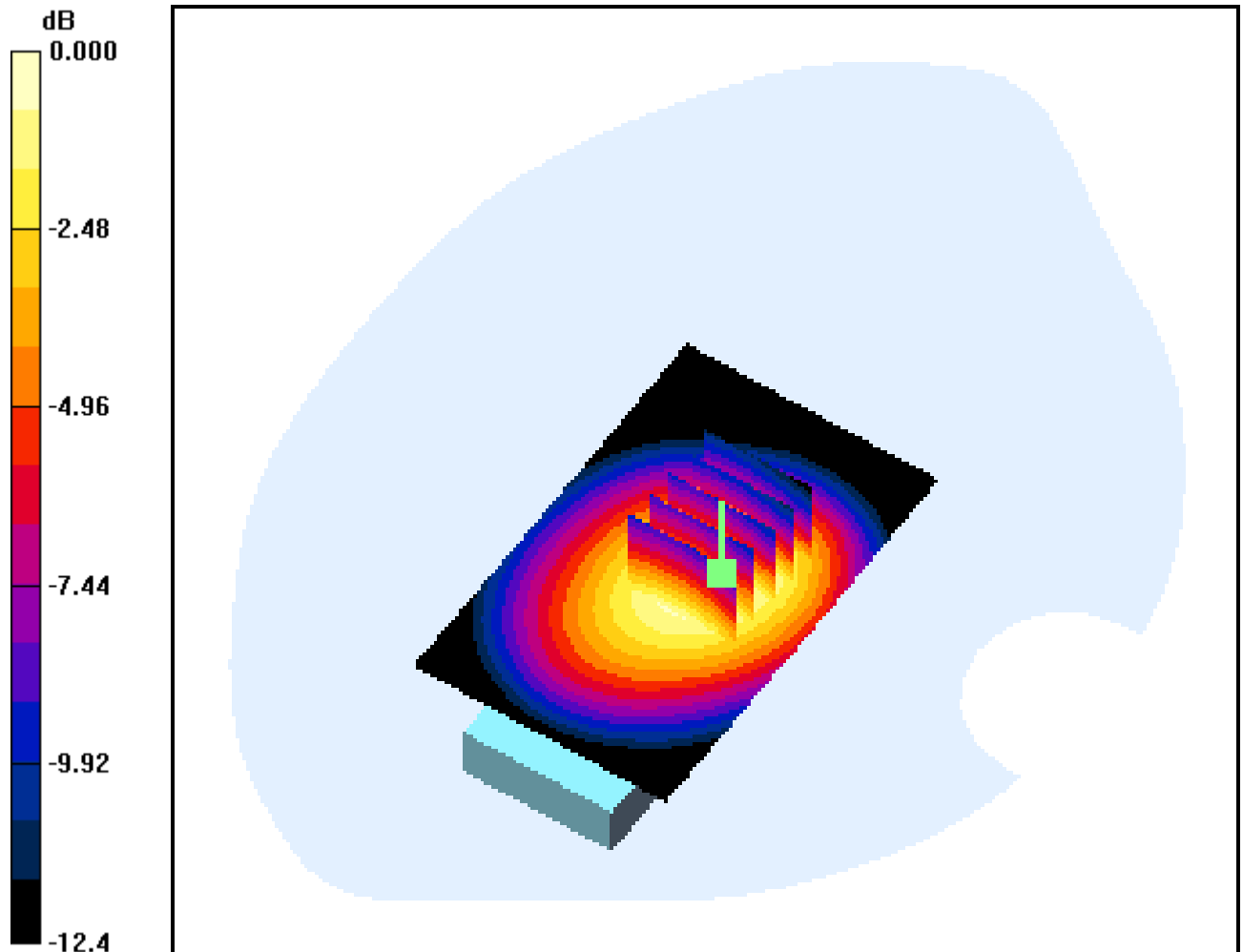
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.120 mW/g



0 dB = 0.196mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.21, 6.21, 6.21); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

1.5cm from Body, GSM Ch.190, Ant Intenna, Standary Battery With GPRS

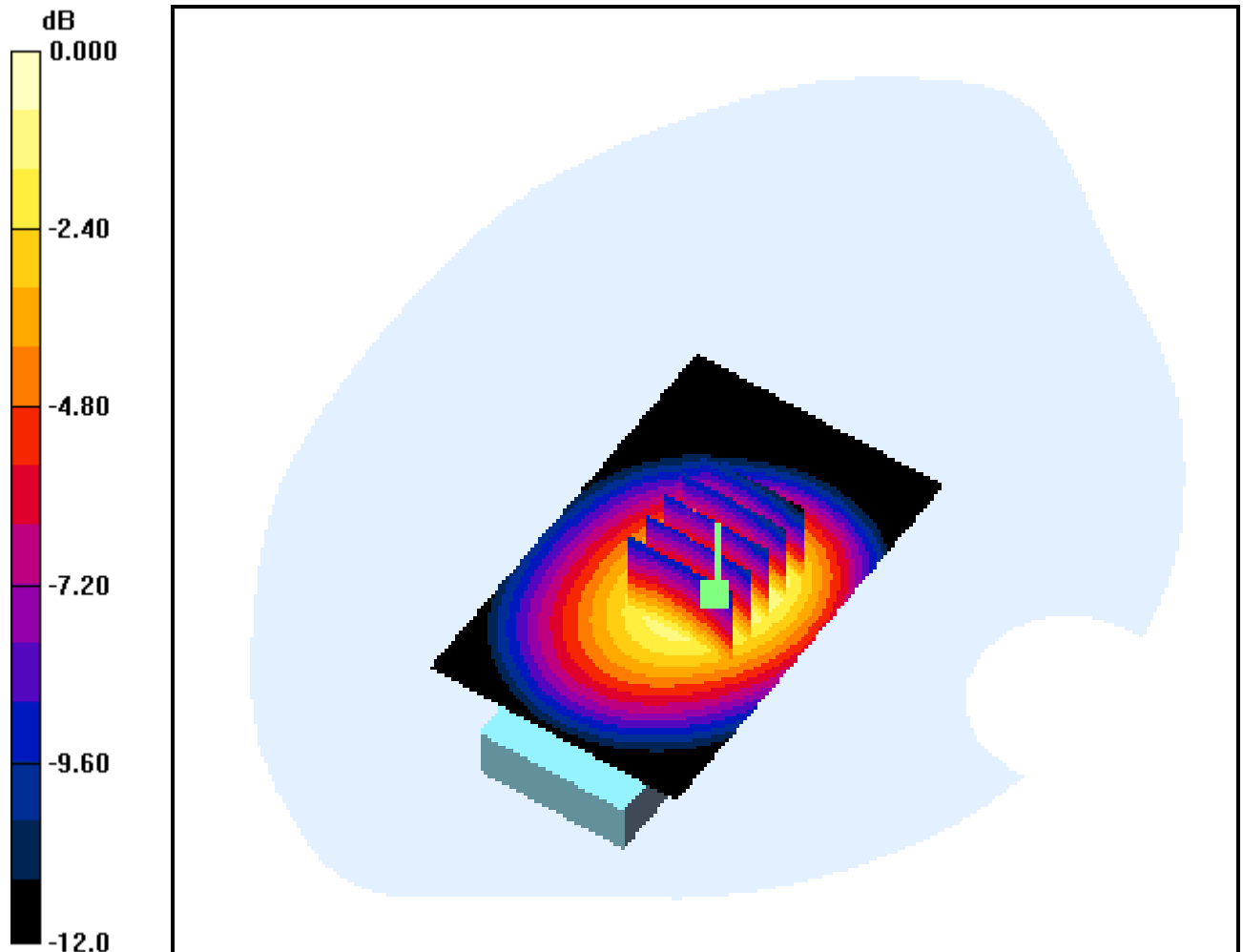
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.196 mW/g



0 dB = 0.325mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.02 \text{ mho/m}$; $\epsilon_r = 53.1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(6.21, 6.21, 6.21); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM with 835MHz; Type: SAM; Serial: TP-1223
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2006-09-19; Ambient Temp: 21.0; Tissue Temp: 21.5

1.5cm from Body, GSM Ch.251, Ant Intenna, Standary Battery With GPRS

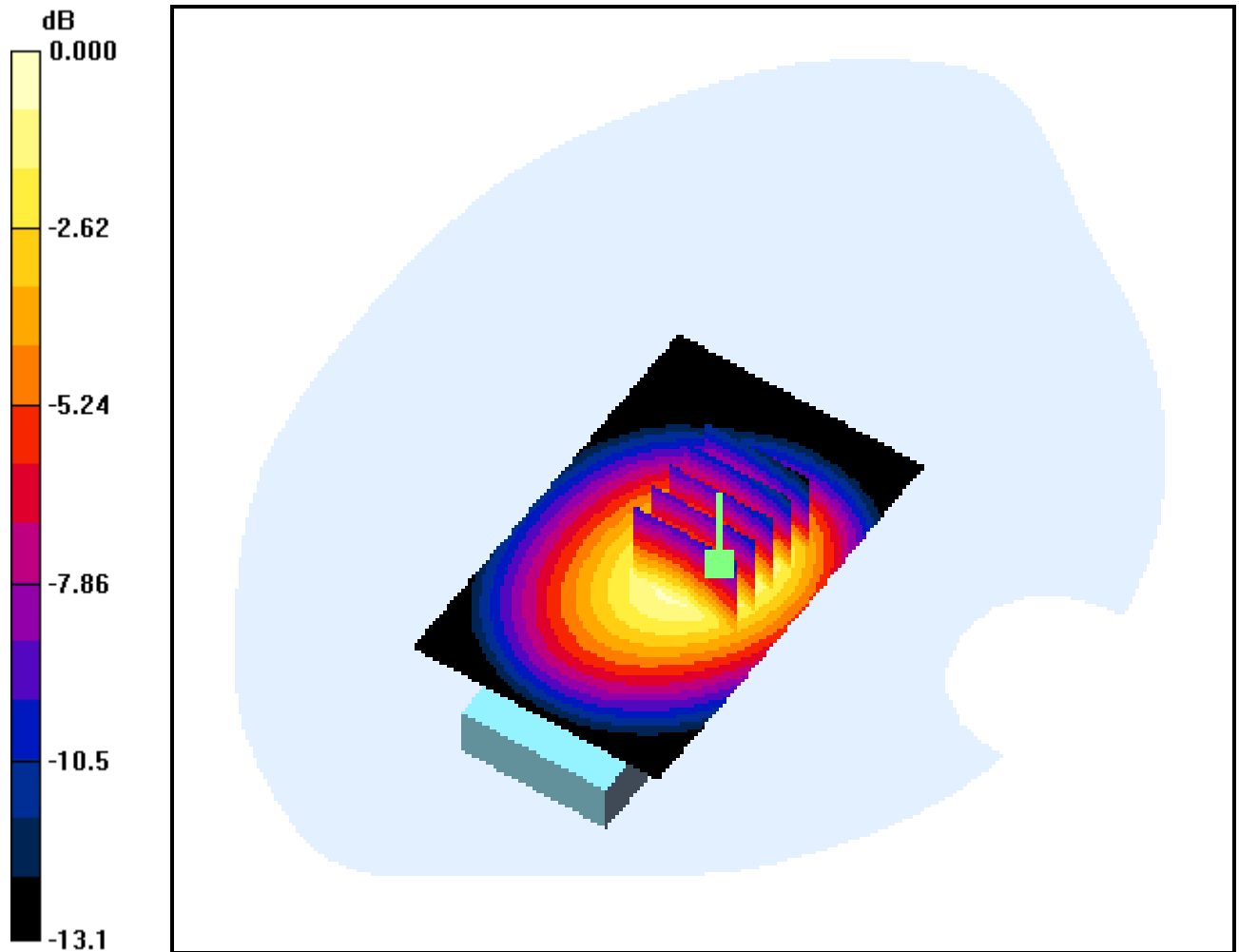
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.267 mW/g



0 dB = 0.443mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.36 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

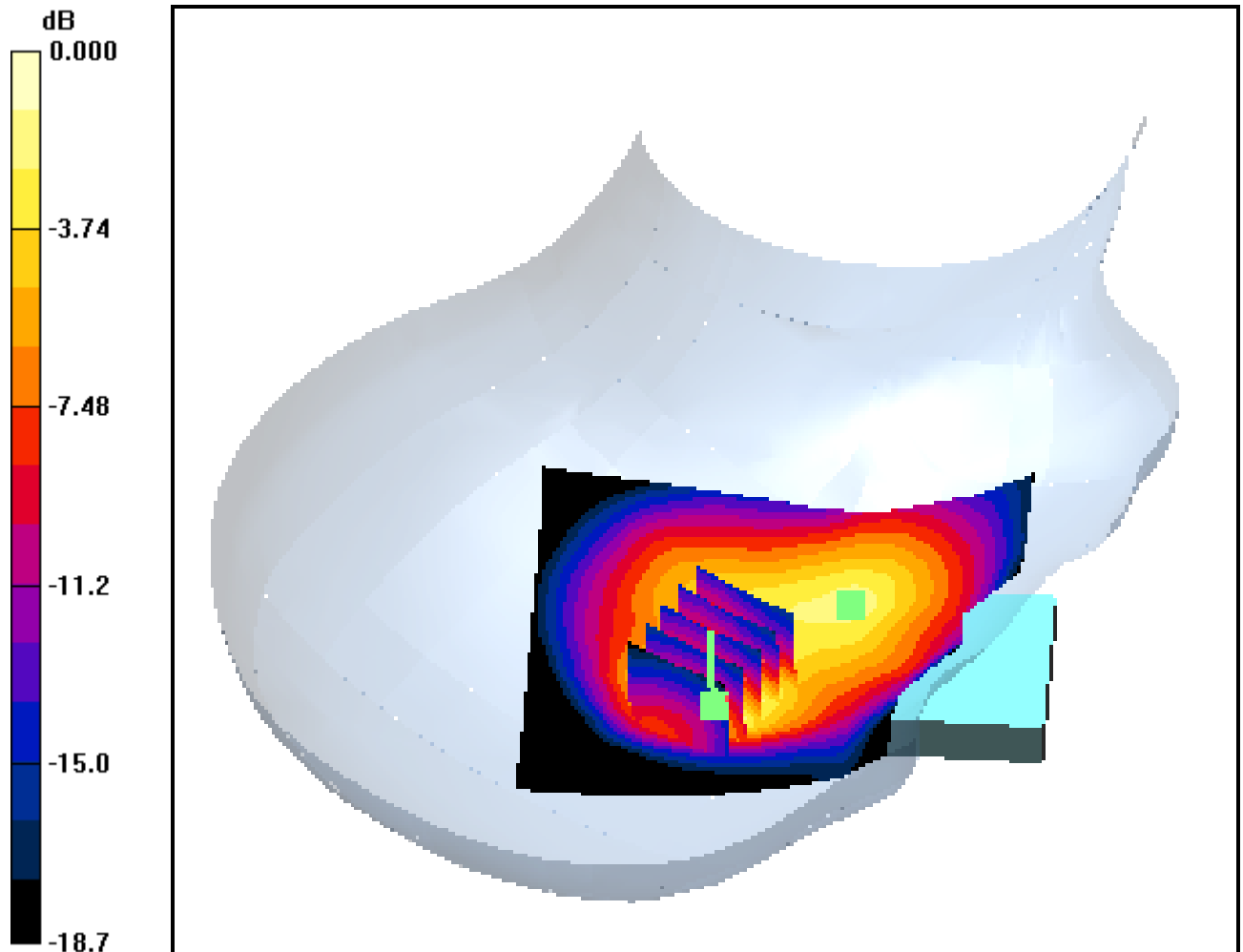
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.755 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.198 mW/g



0 dB = 0.455mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.36 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

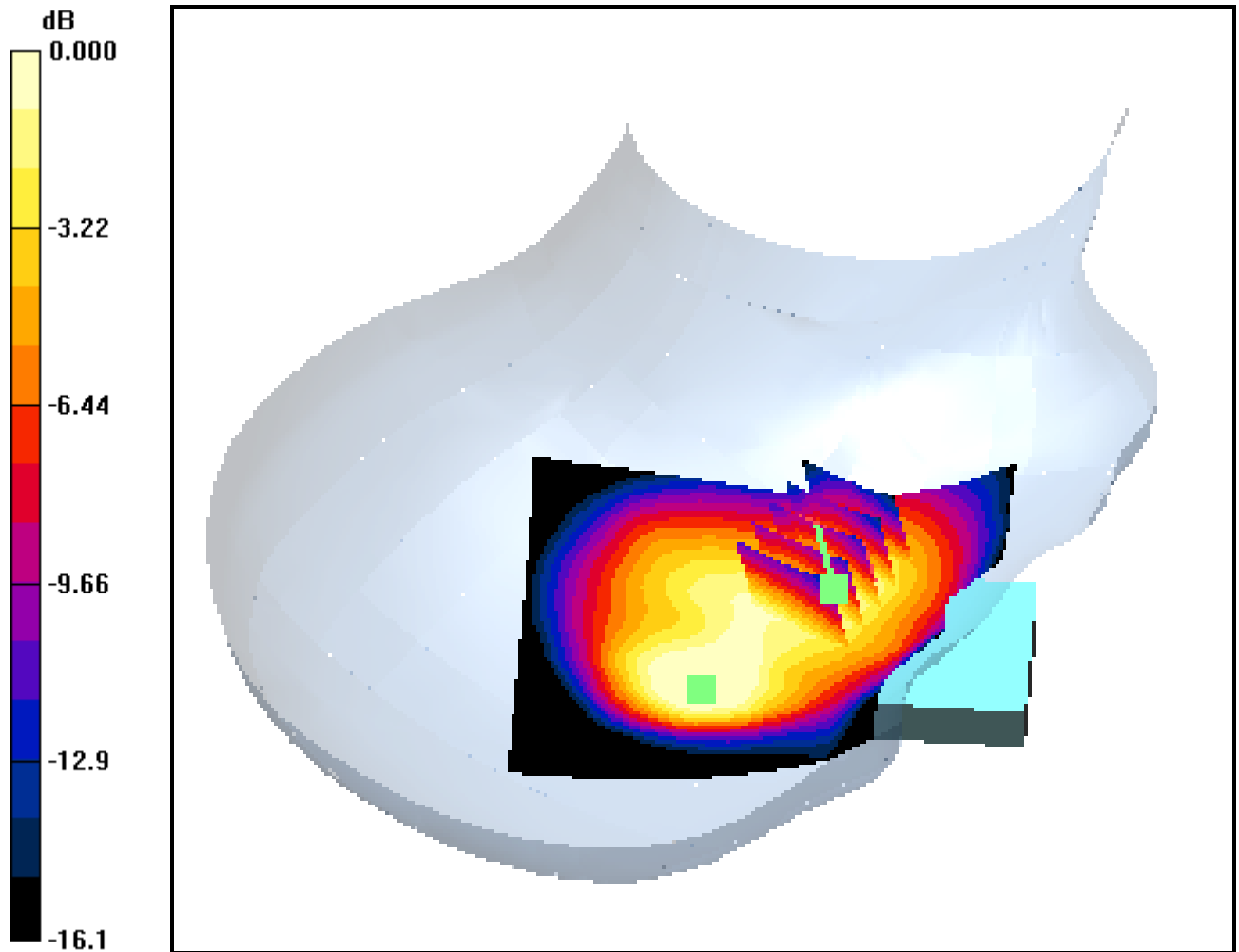
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.177 mW/g



0 dB = 0.298mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

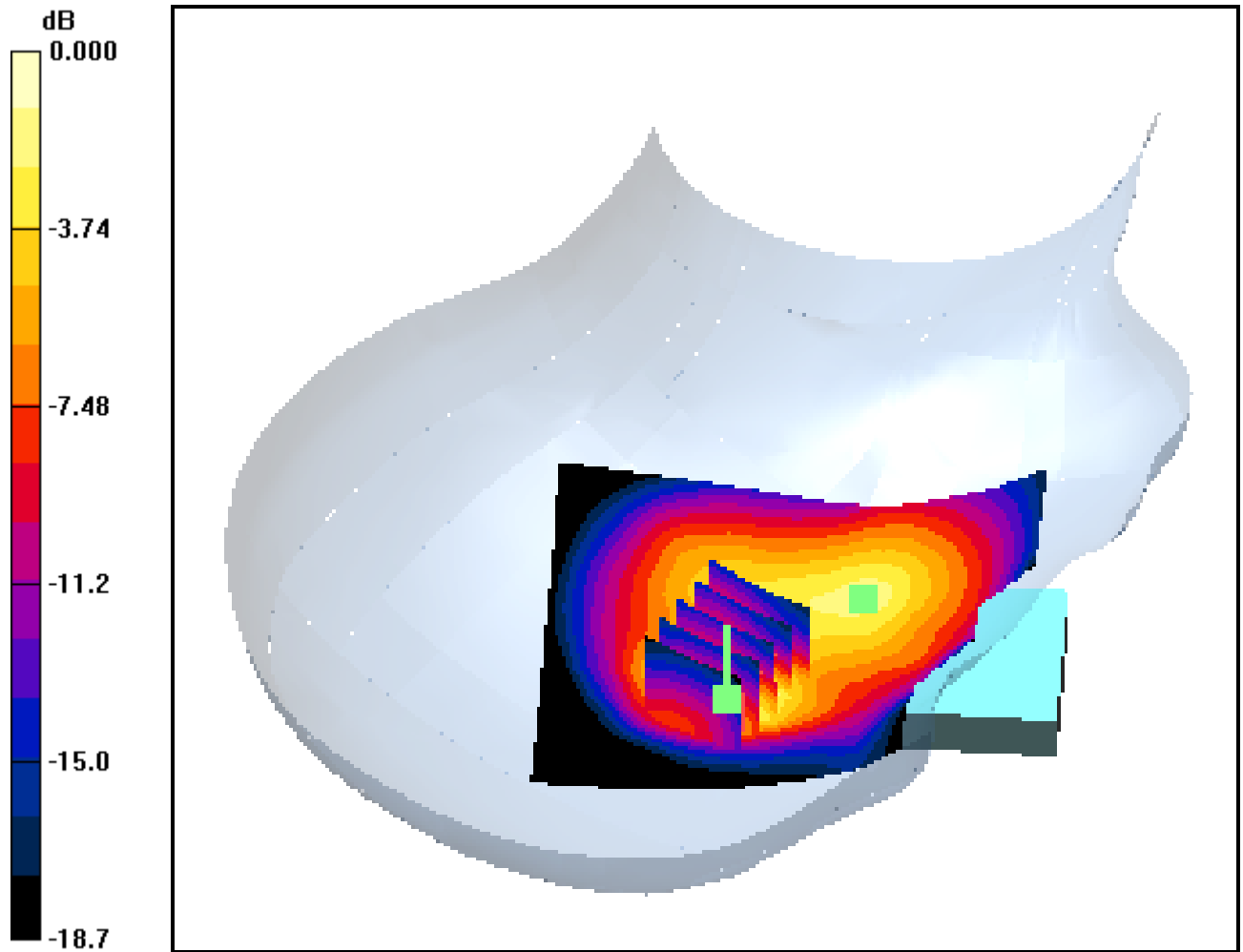
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.223 mW/g



0 dB = 0.536mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

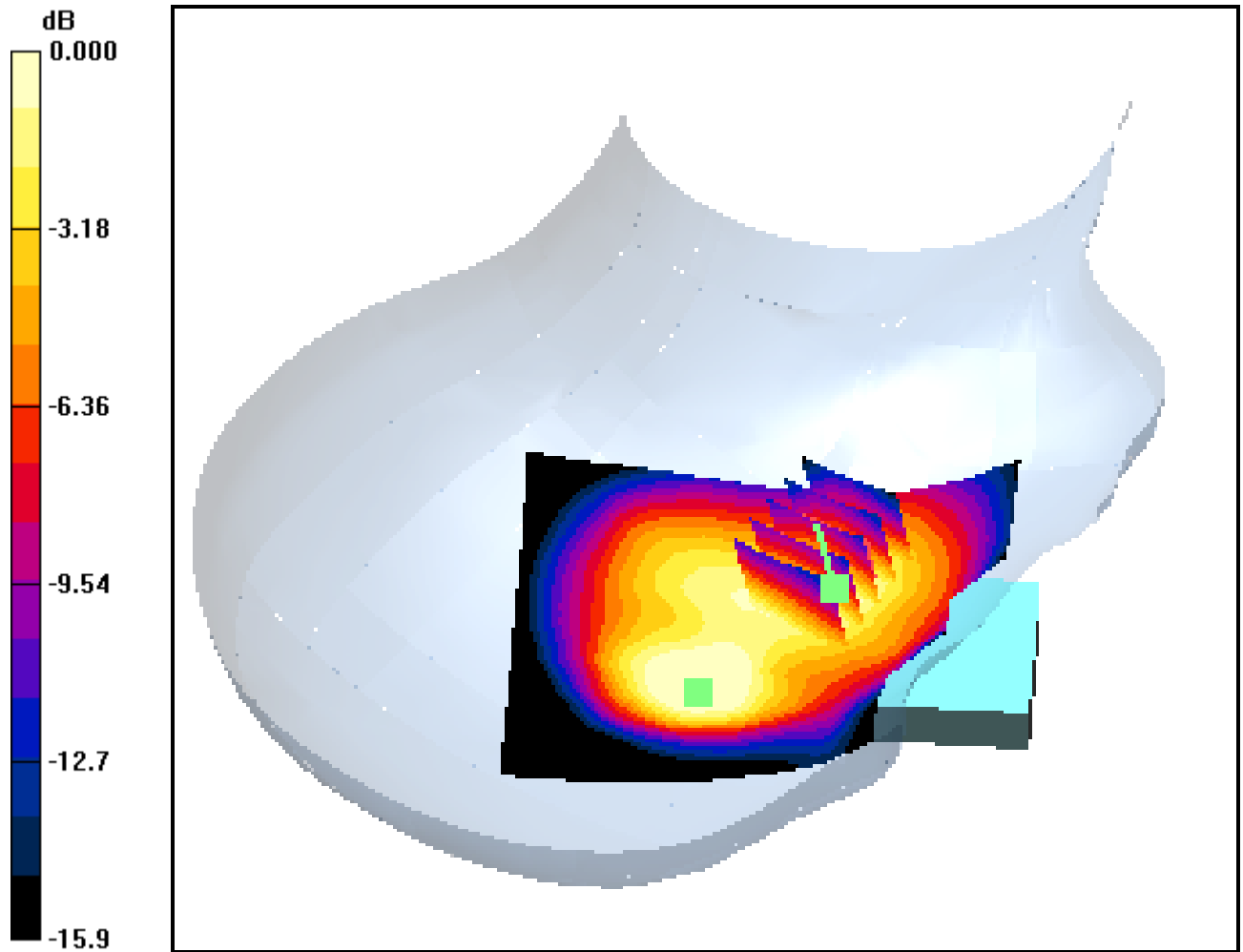
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.201 mW/g



0 dB = 0.343mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

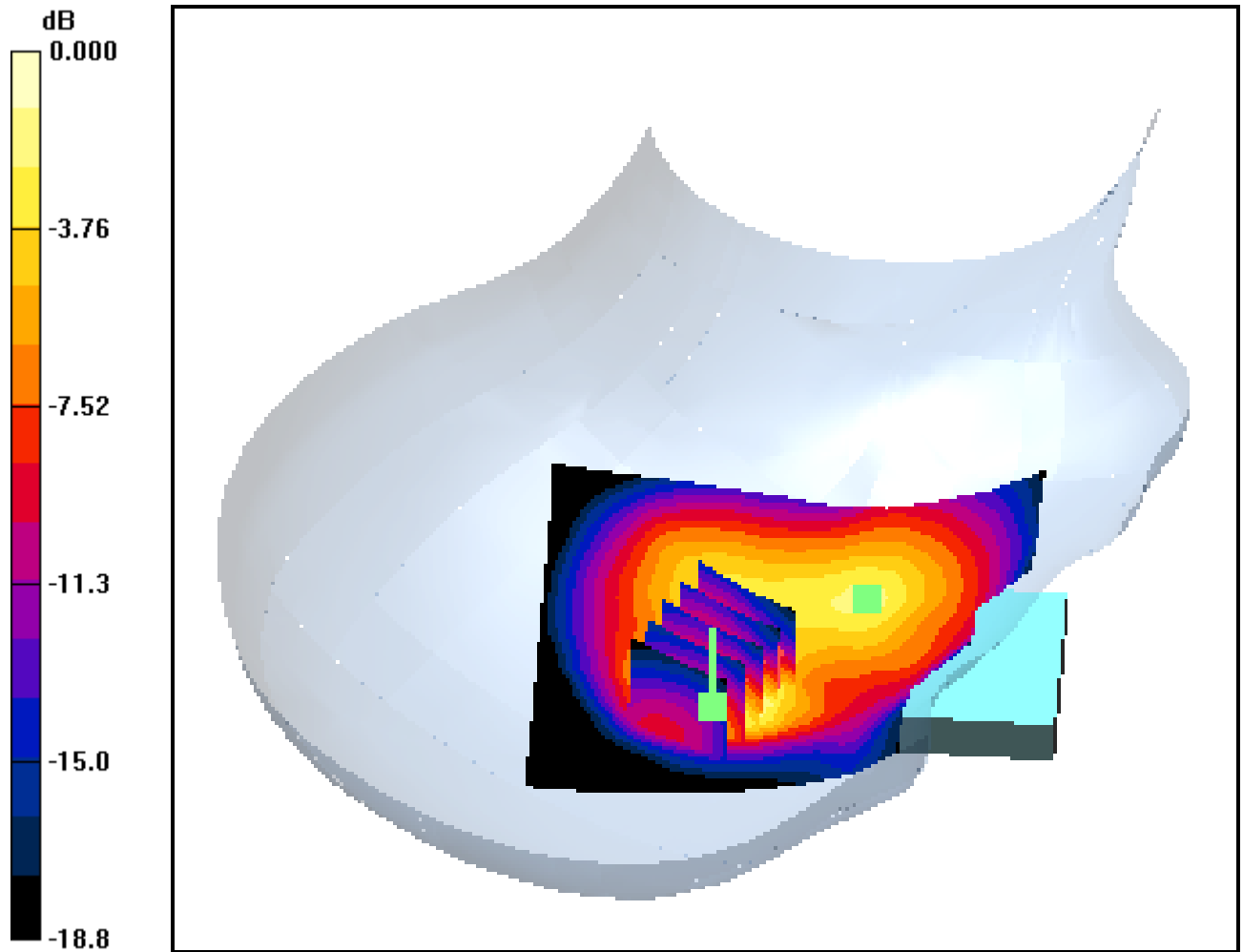
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.967 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.229 mW/g



0 dB = 0.507mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

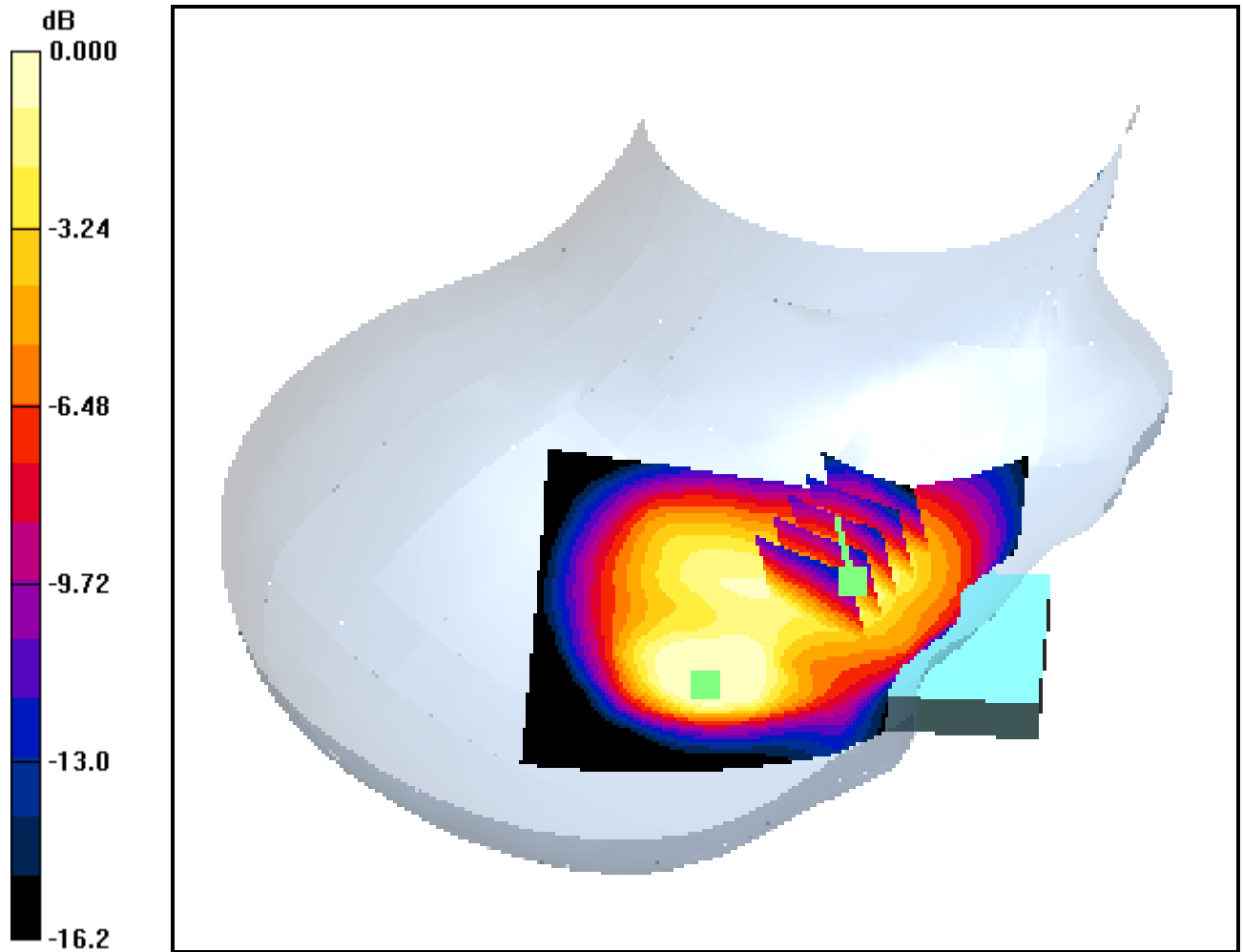
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.421 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.177 mW/g



0 dB = 0.316mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

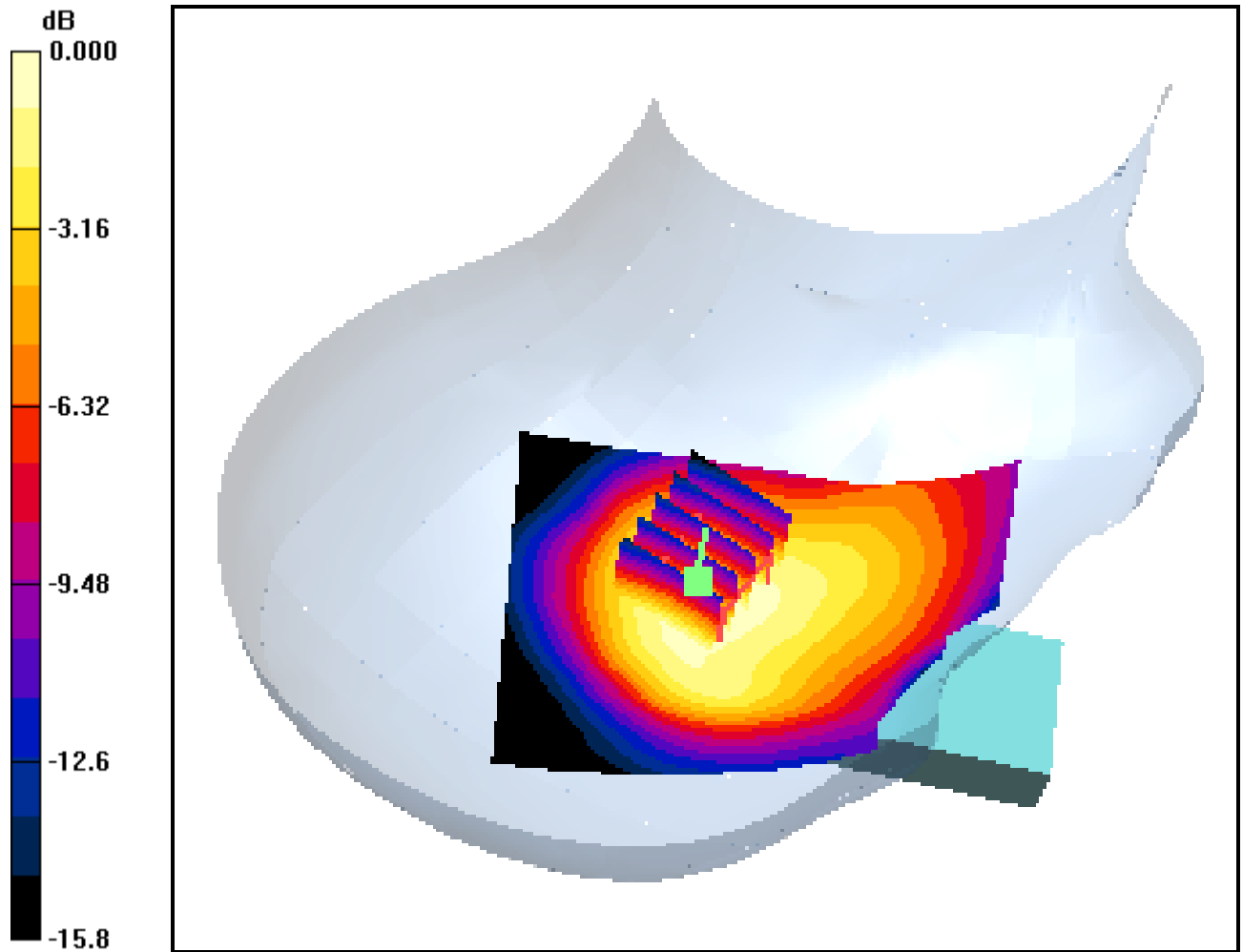
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.109 mW/g



0 dB = 0.187mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.36 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

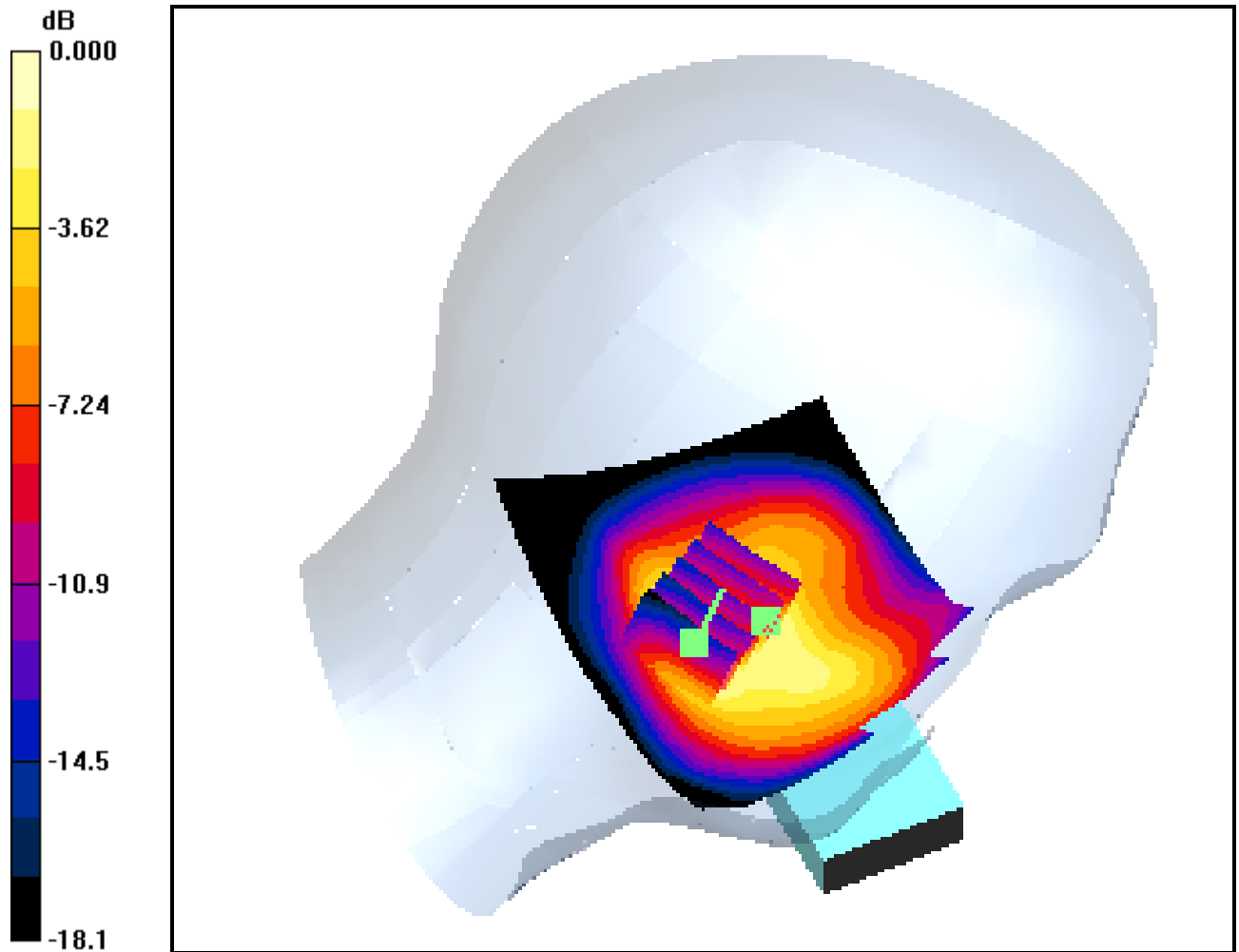
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.172 mW/g



0 dB = 0.367mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.36 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

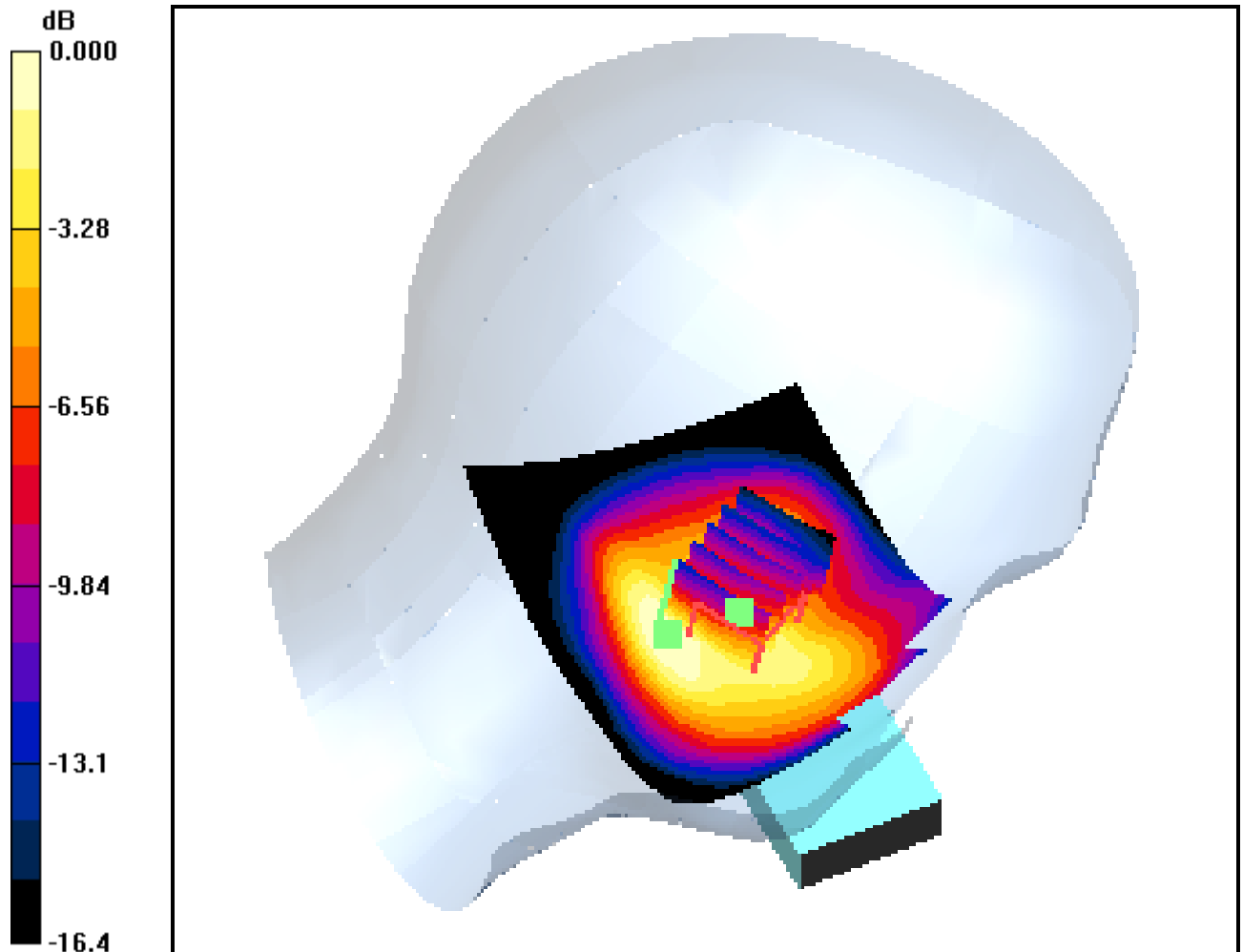
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.157 mW/g



0 dB = 0.335mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

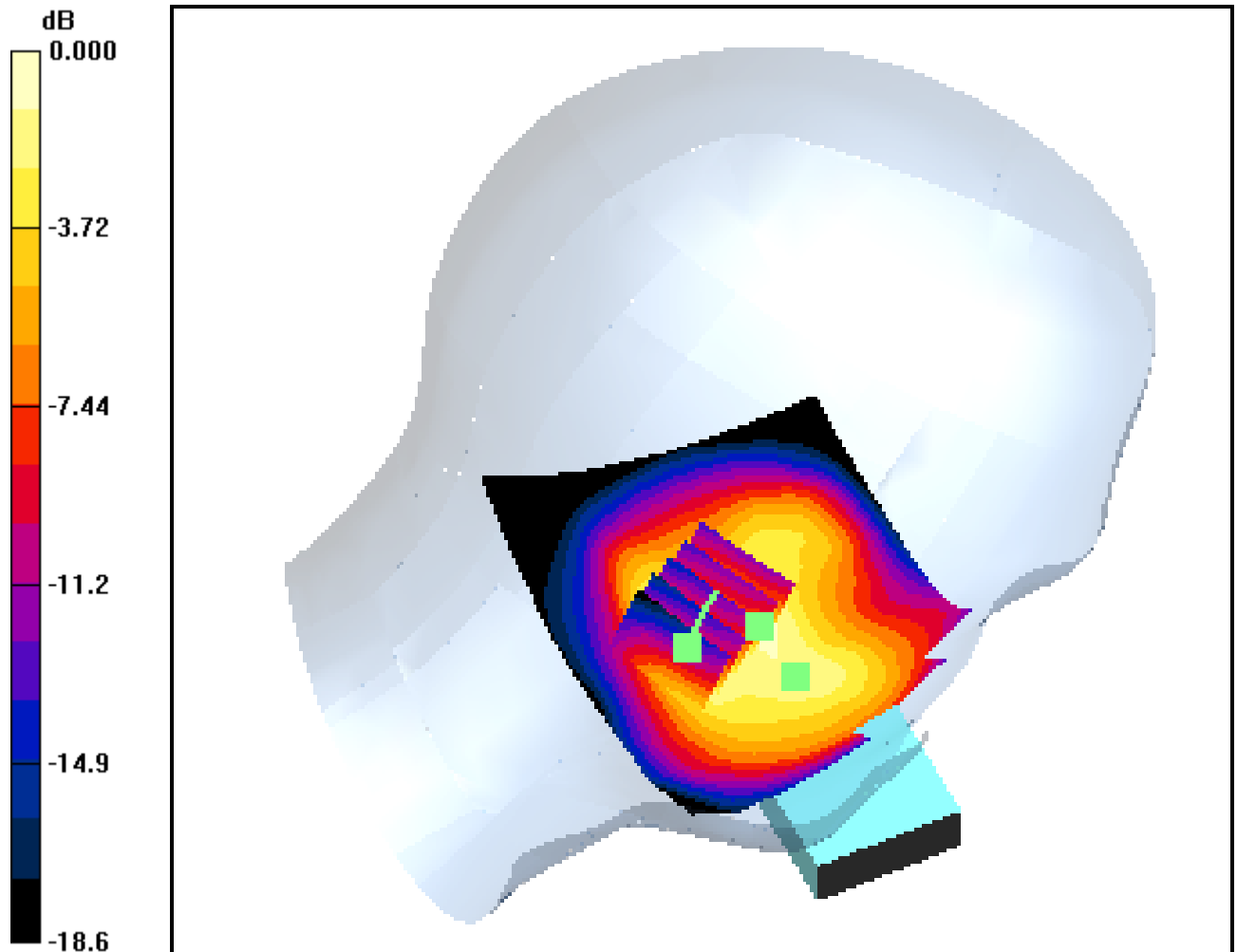
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.244 dB

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.179 mW/g



0 dB = 0.377mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

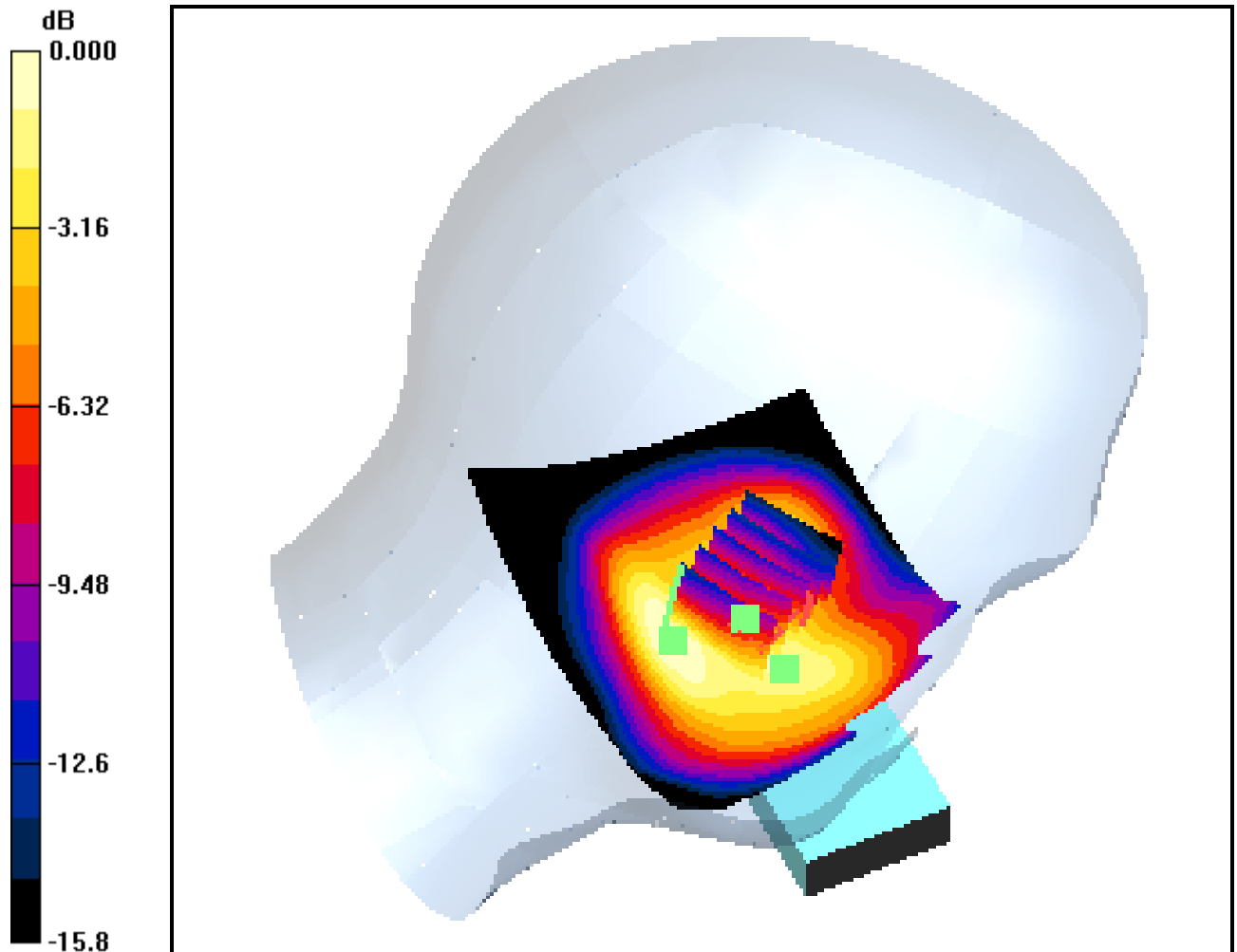
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.244 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.174 mW/g



0 dB = 0.346mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

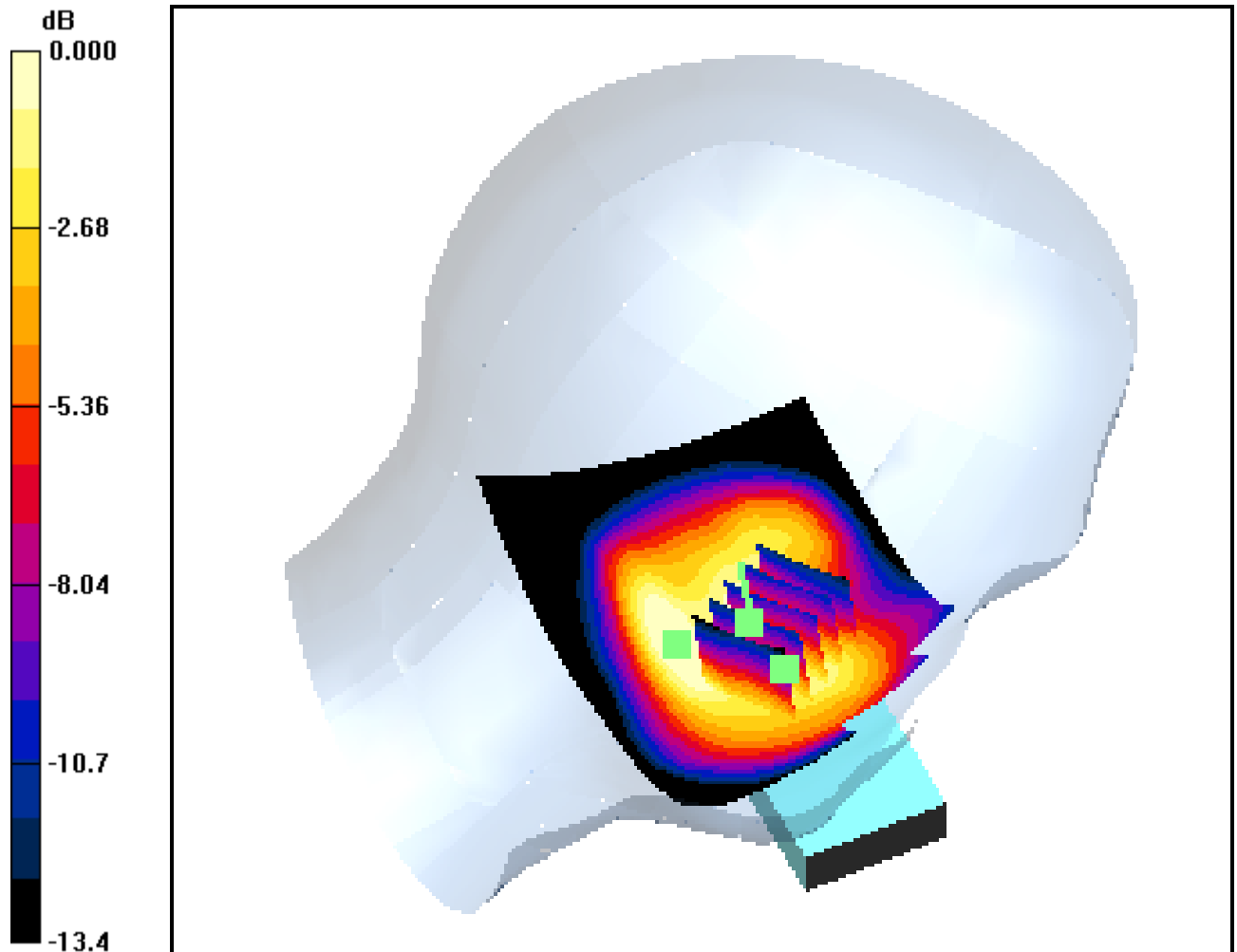
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 2: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.244 dB

Peak SAR (extrapolated) = 0.385 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.166 mW/g



0 dB = 0.300mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

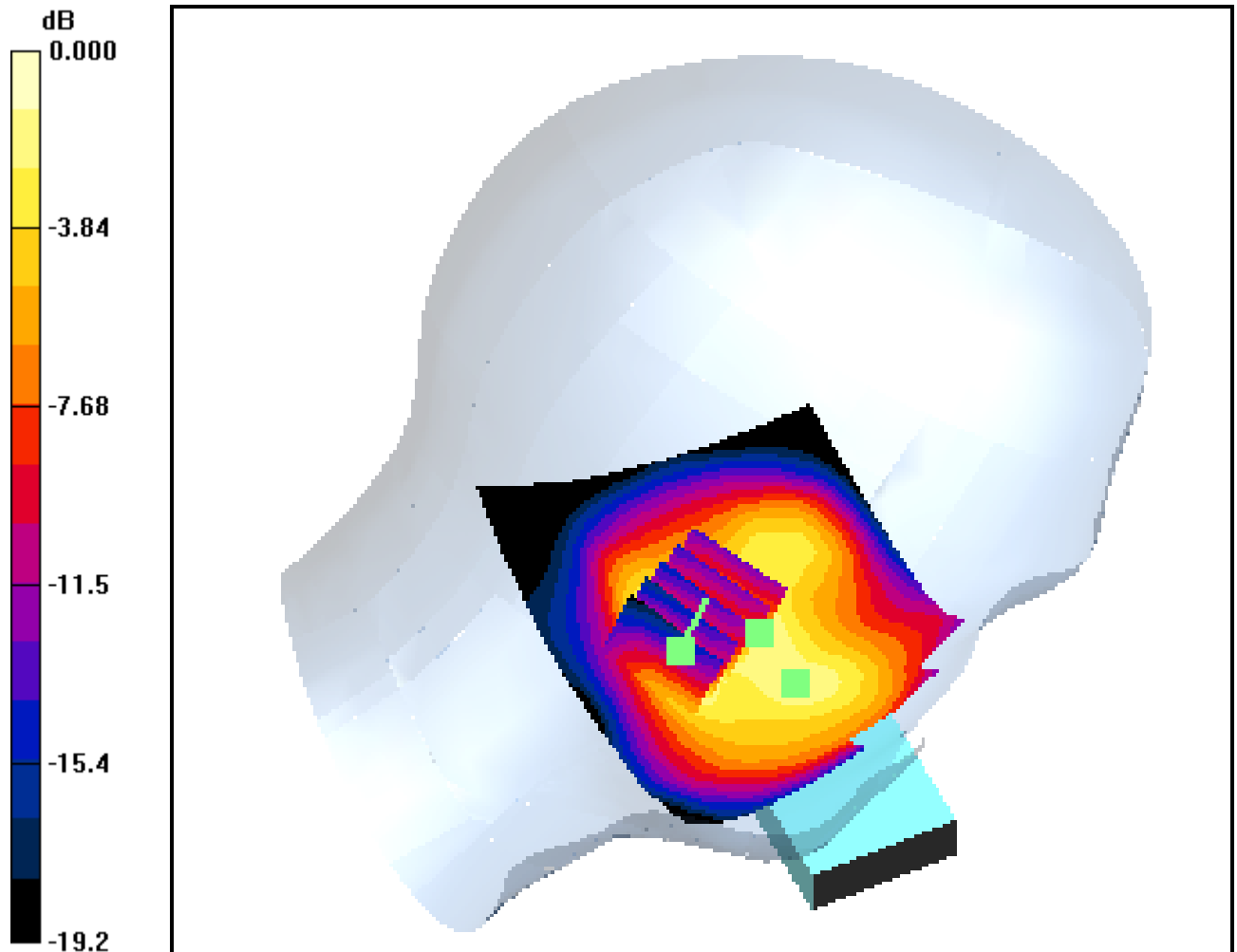
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.179 mW/g



0 dB = 0.397mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

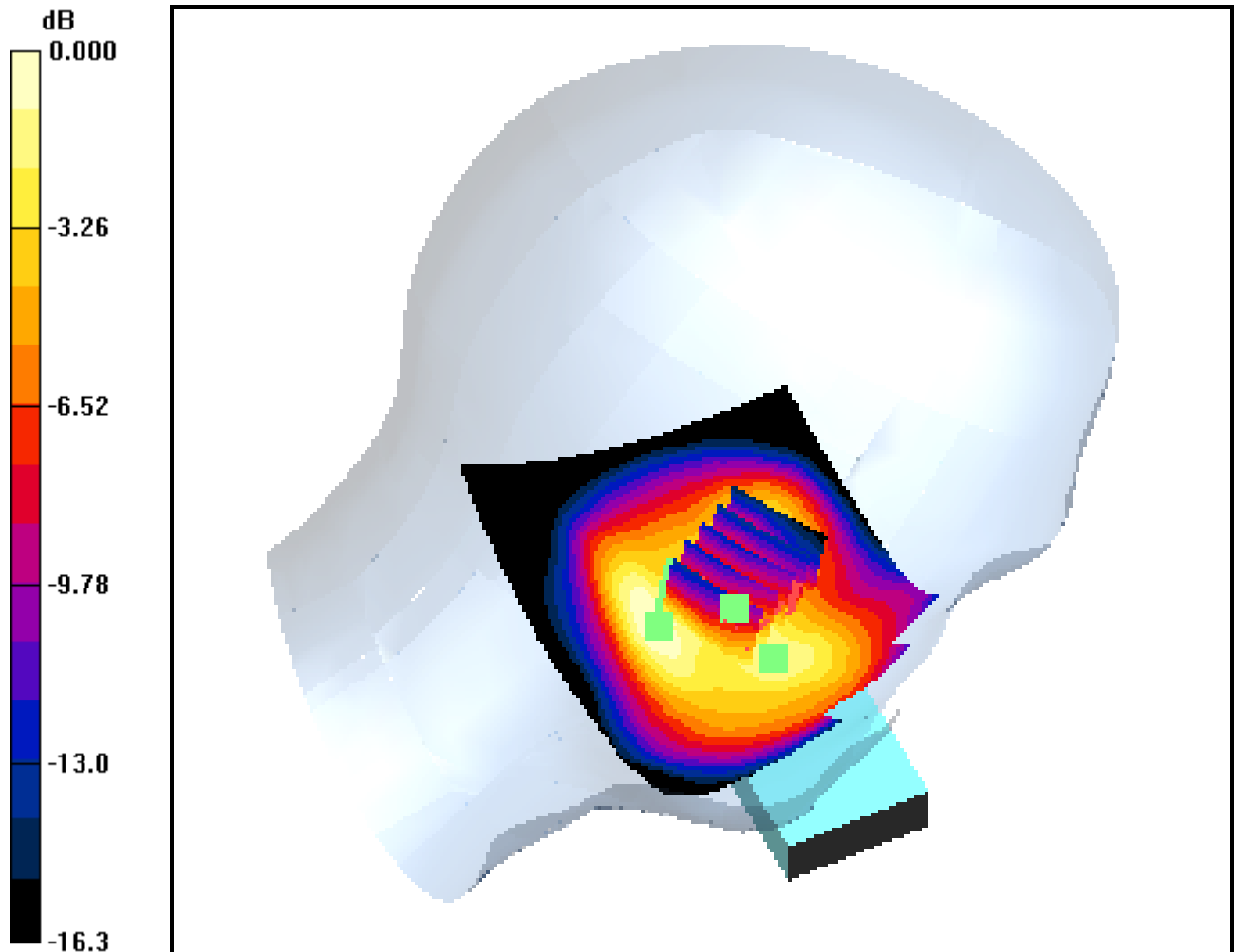
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.160 mW/g



0 dB = 0.368mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

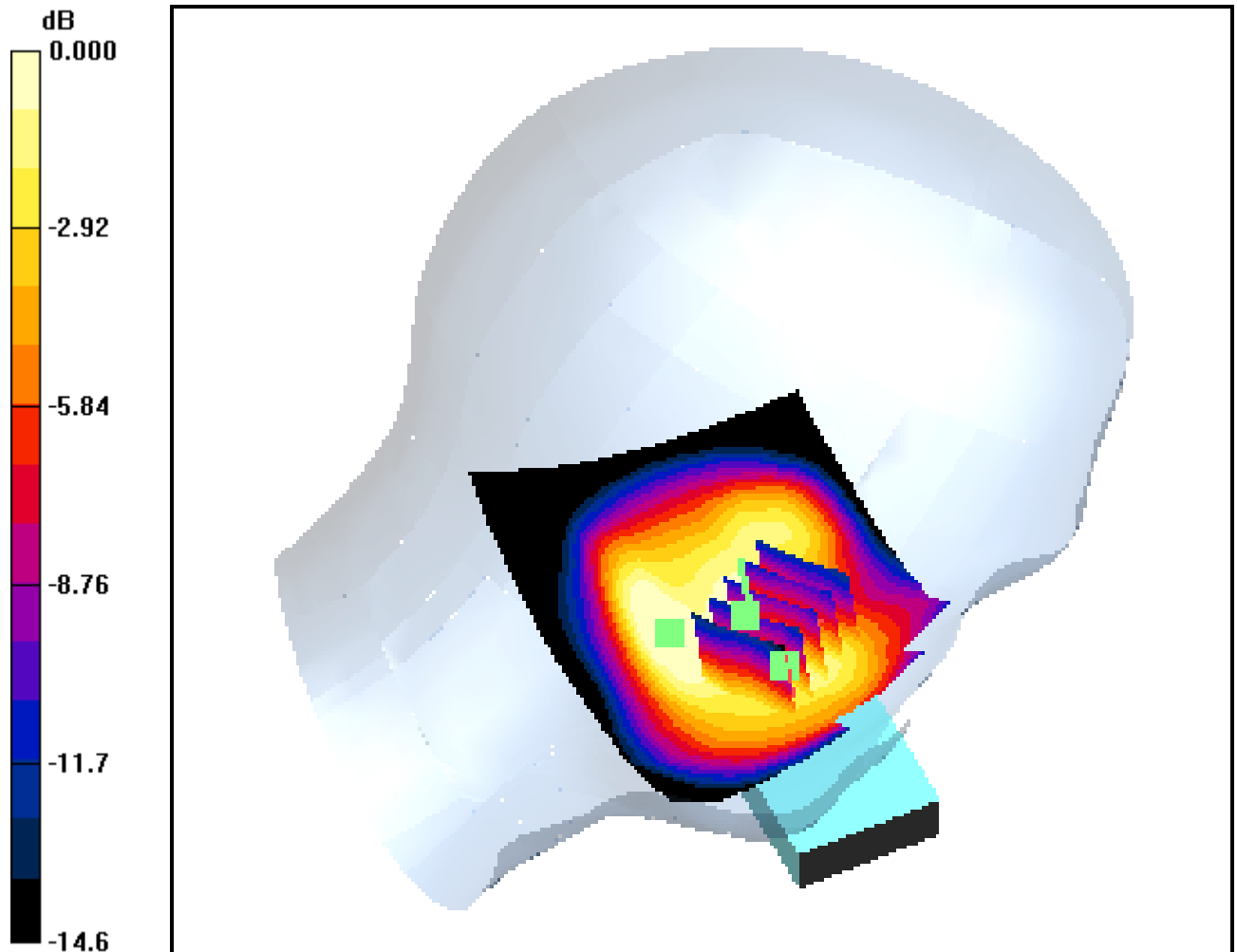
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 2: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.155 mW/g



0 dB = 0.281mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

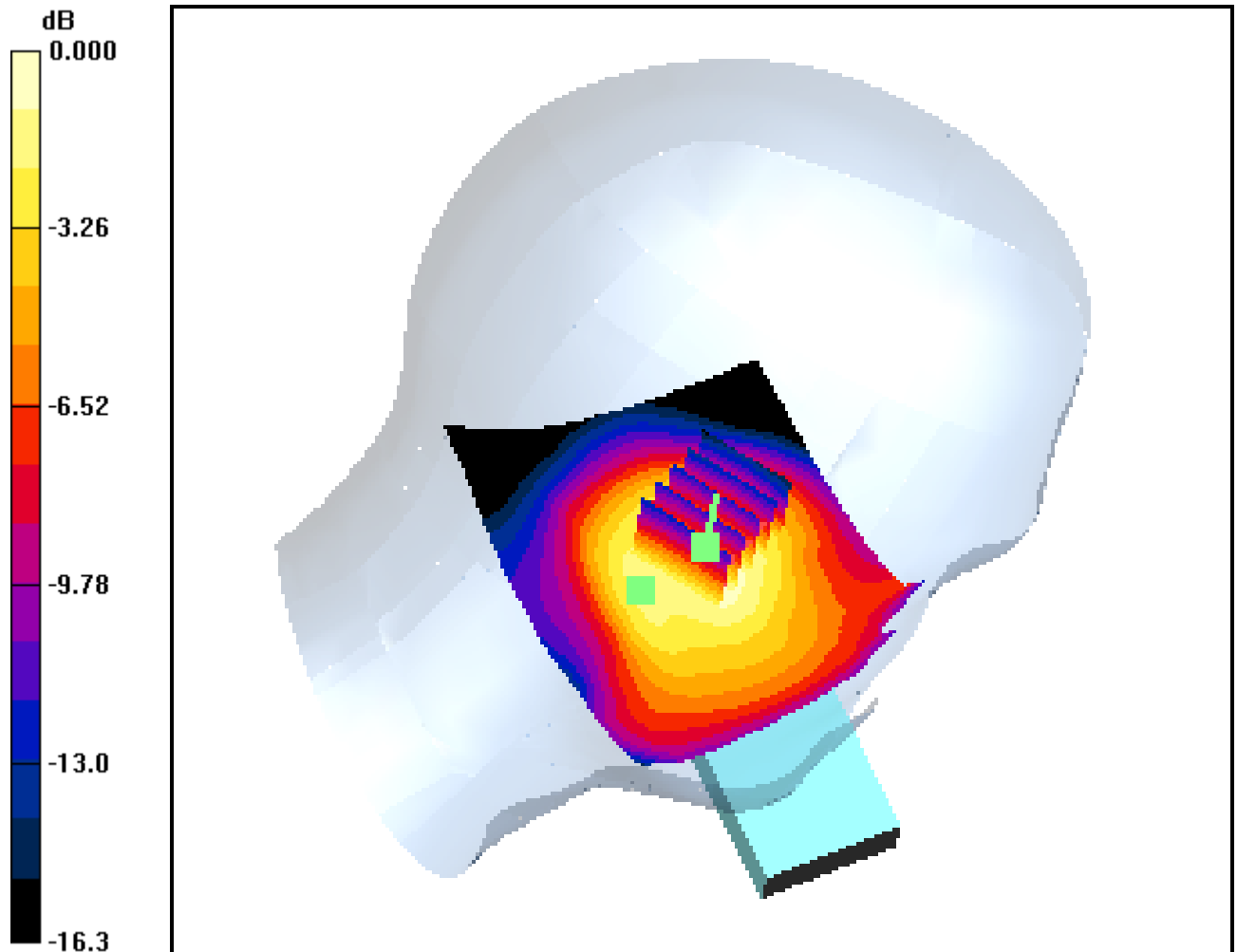
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.236 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.098 mW/g



0 dB = 0.171mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-30; Ambient Temp: 20.0; Tissue Temp: 20.0

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

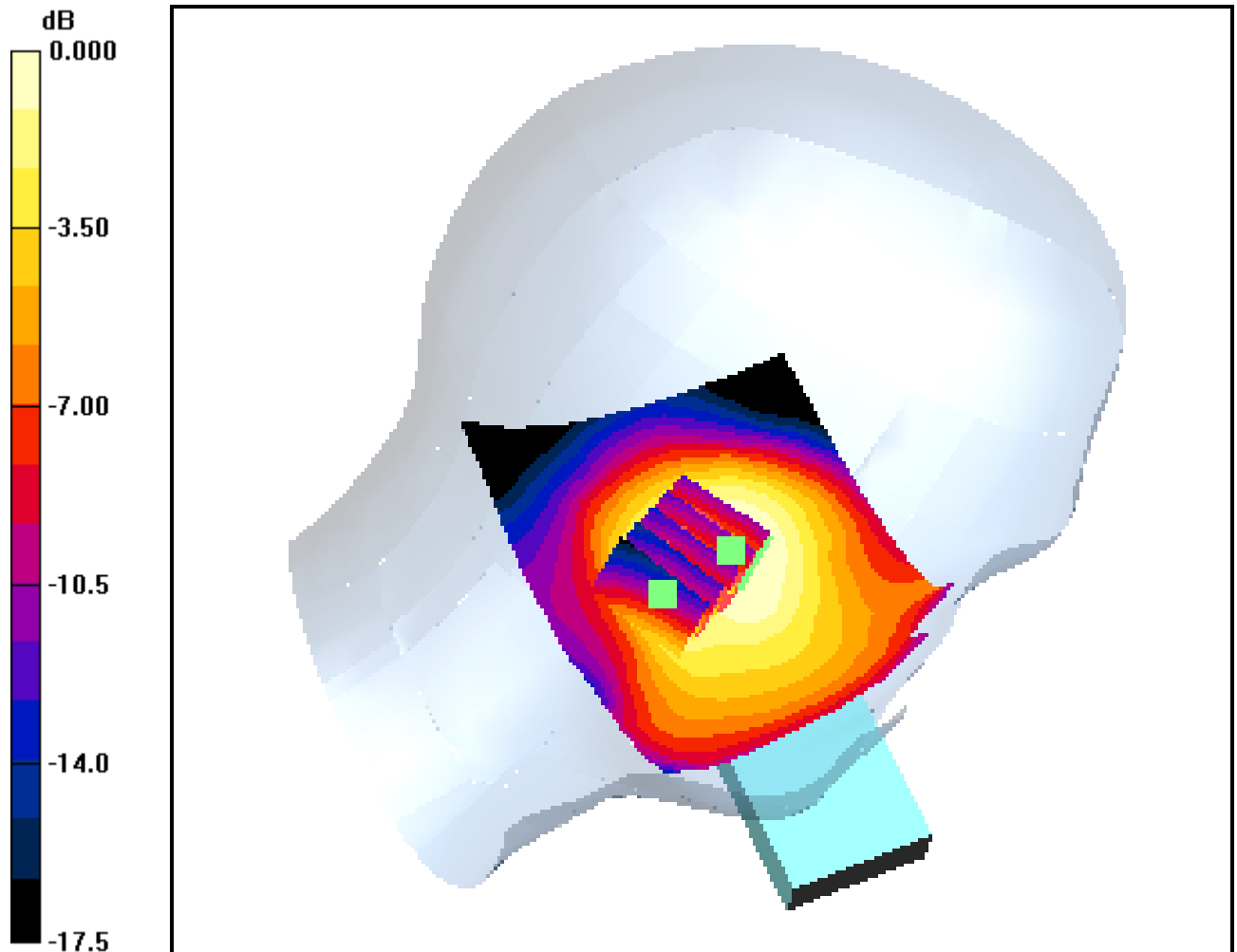
Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.092 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.074 mW/g



0 dB = 0.147mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

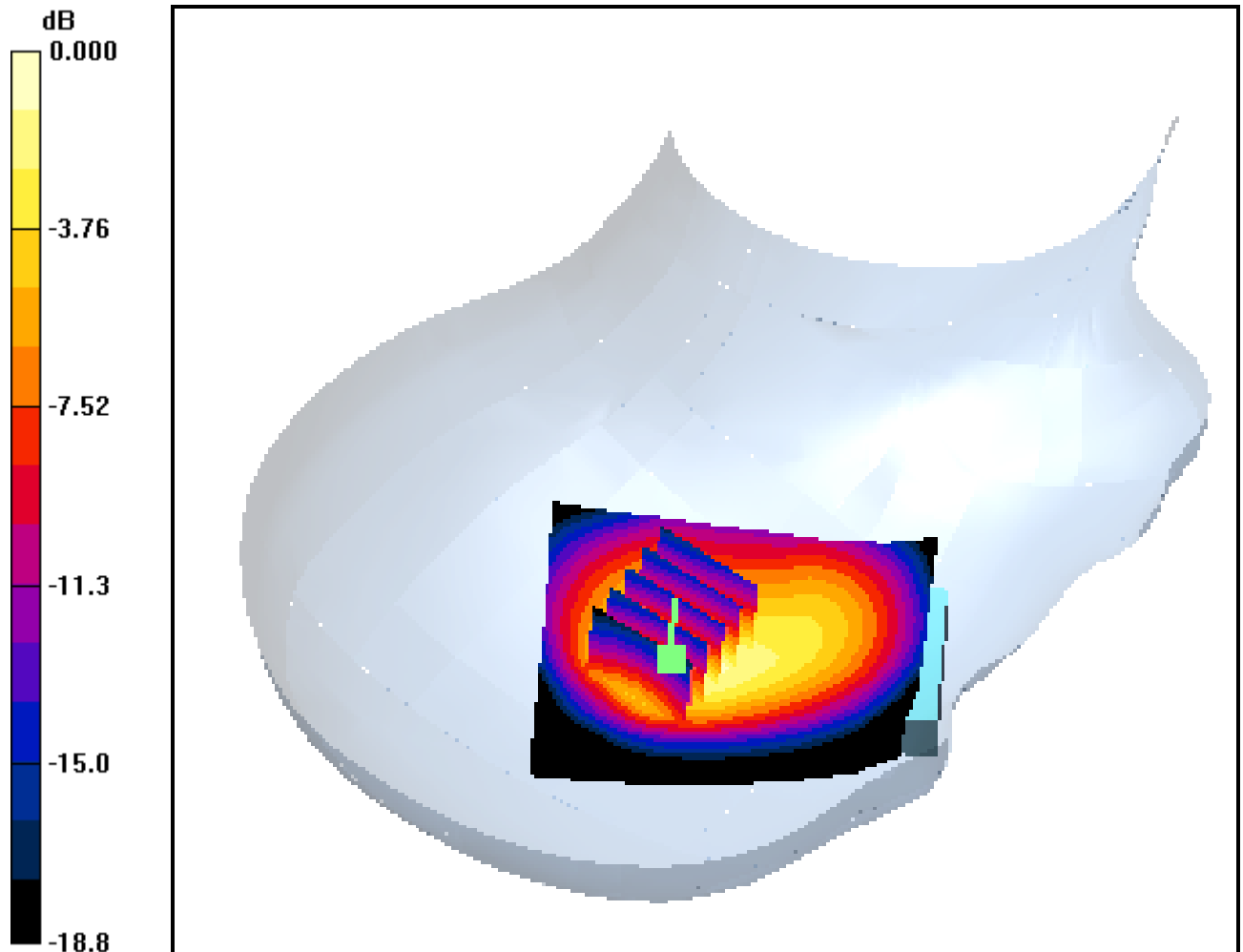
Area Scan (61x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 1.36 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.402 mW/g



0 dB = 0.847mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

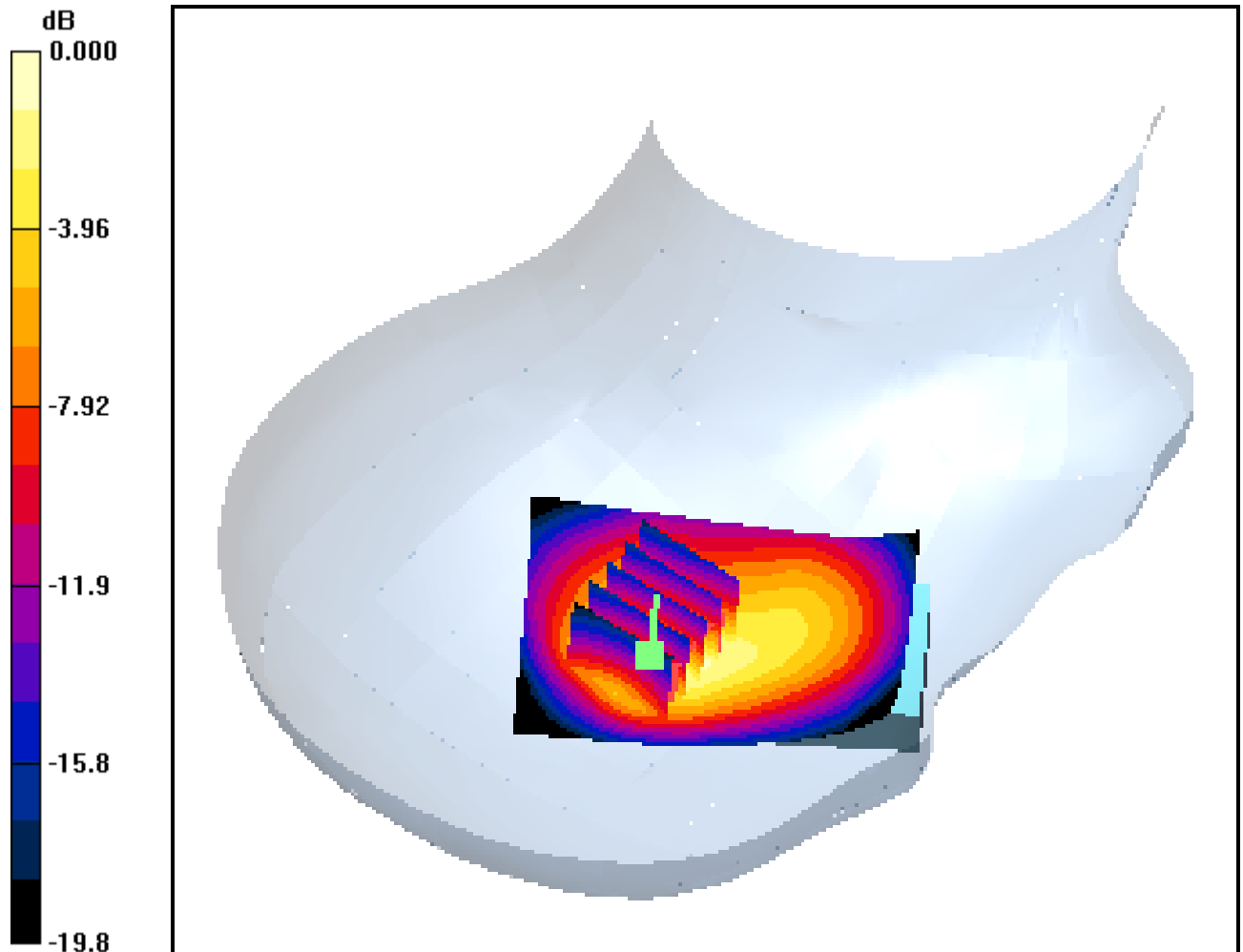
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.017 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.591 mW/g



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

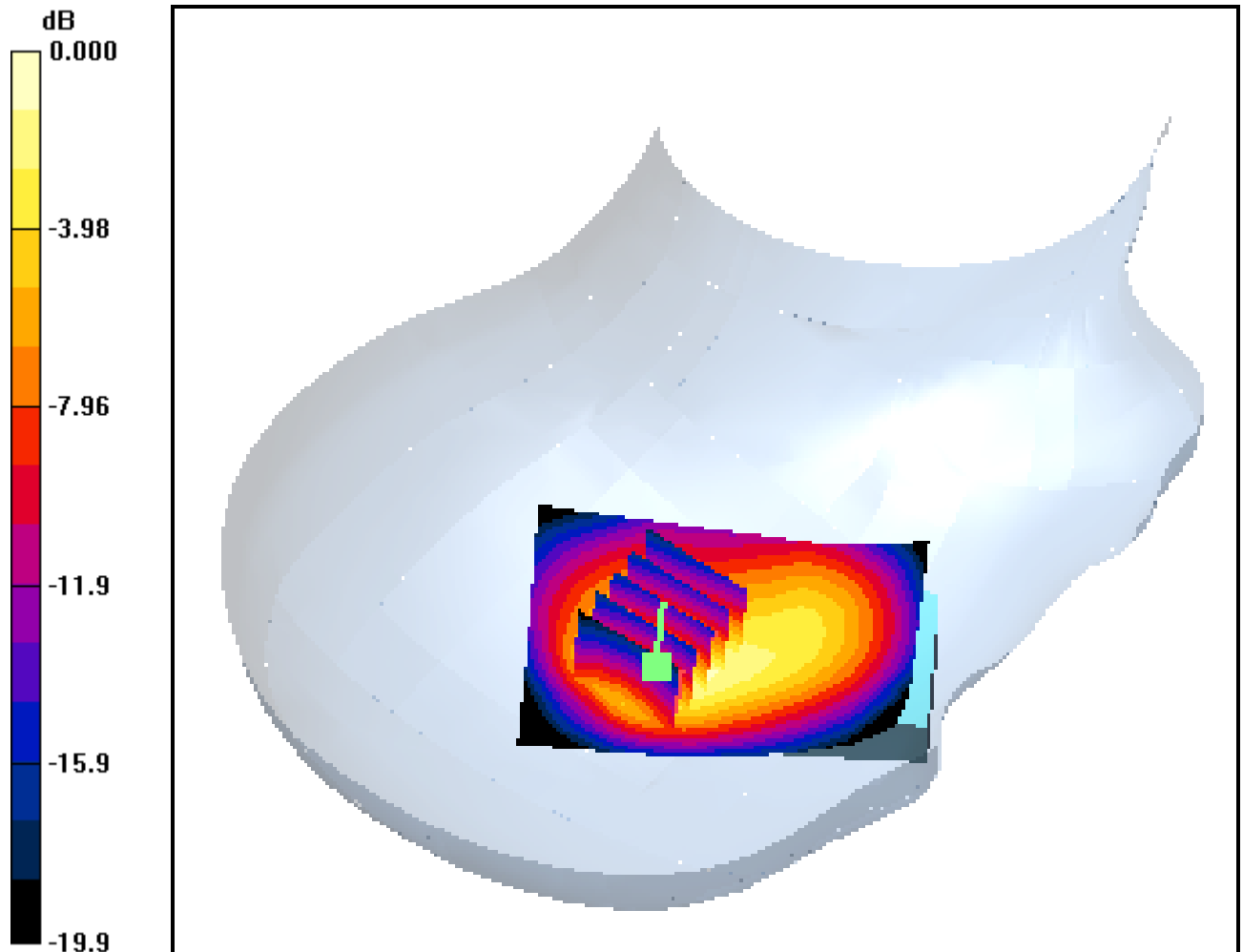
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.096 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.33 mW/g; SAR(10 g) = 0.694 mW/g



0 dB = 1.49mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

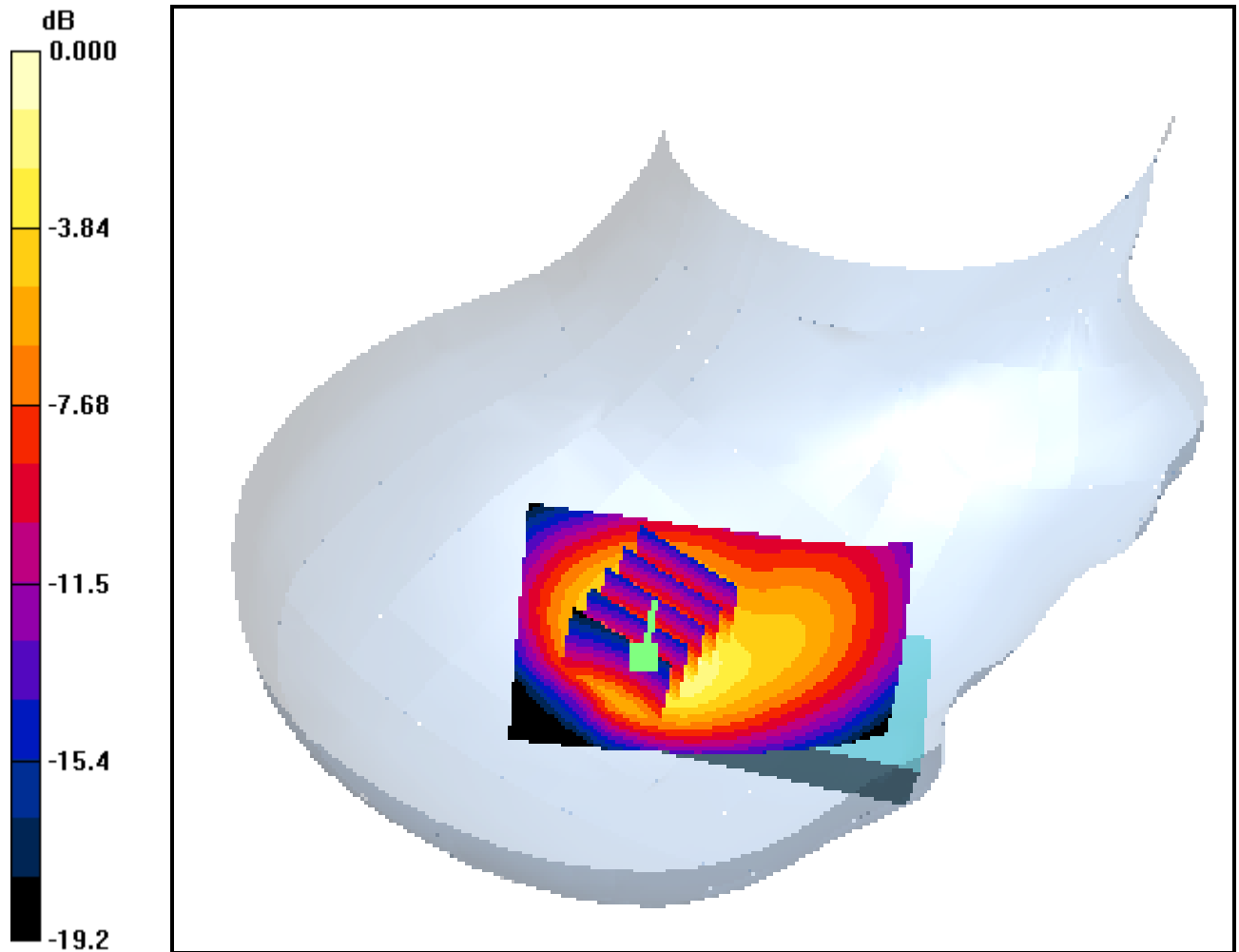
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.056 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.343 mW/g



0 dB = 0.685mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

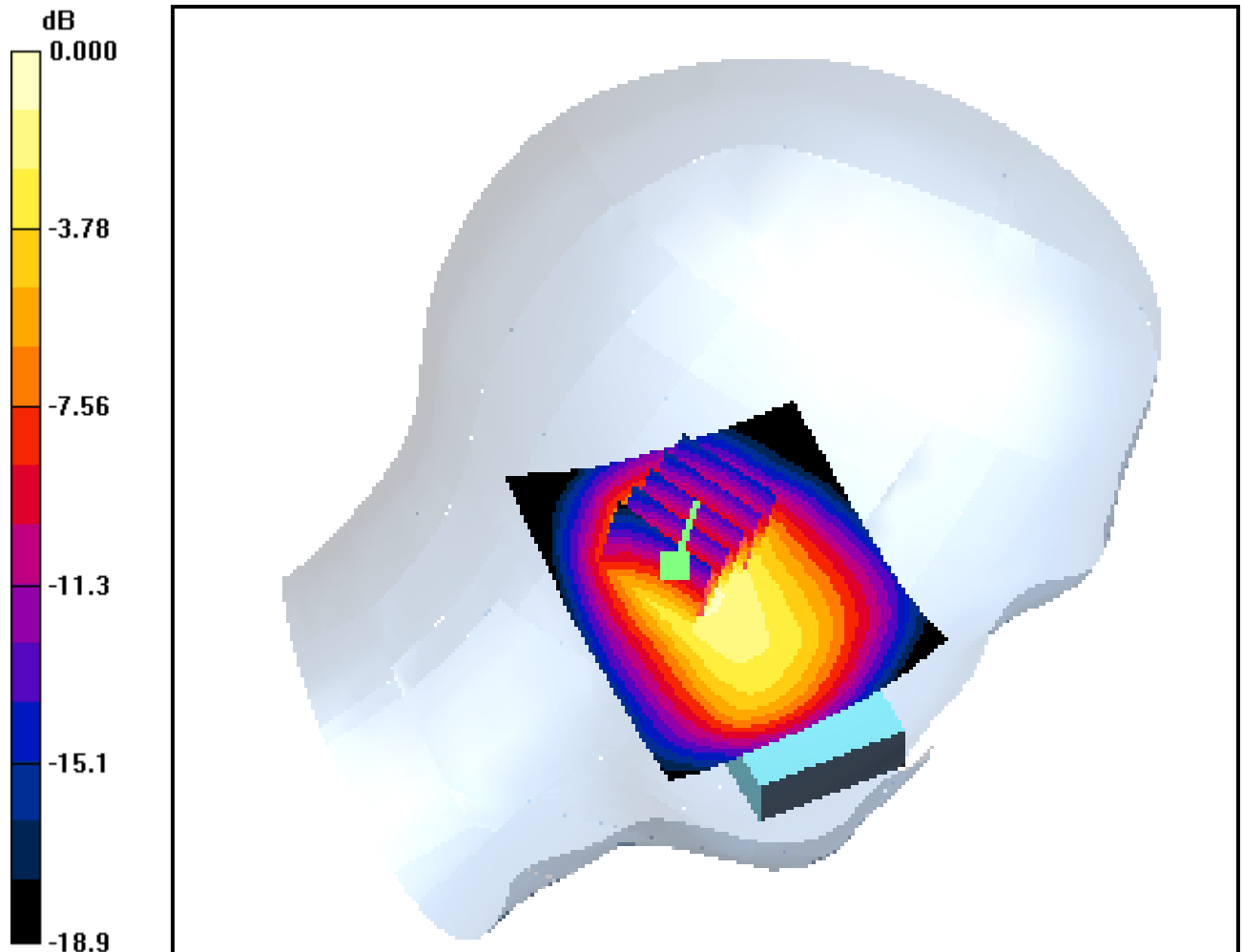
Area Scan (61x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.276 mW/g



0 dB = 0.531mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

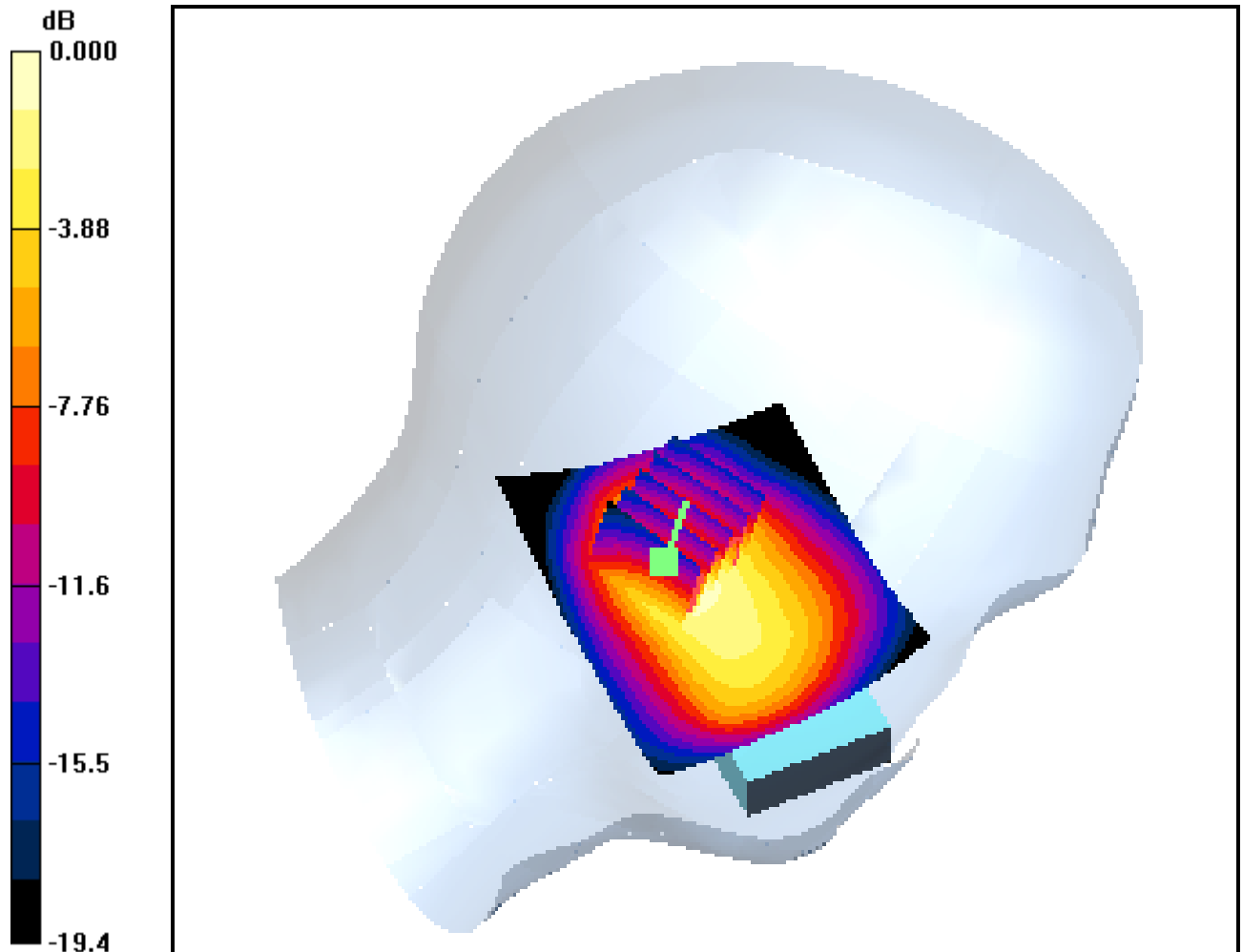
Area Scan (61x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.000 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.410 mW/g



0 dB = 0.793mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 38.2$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

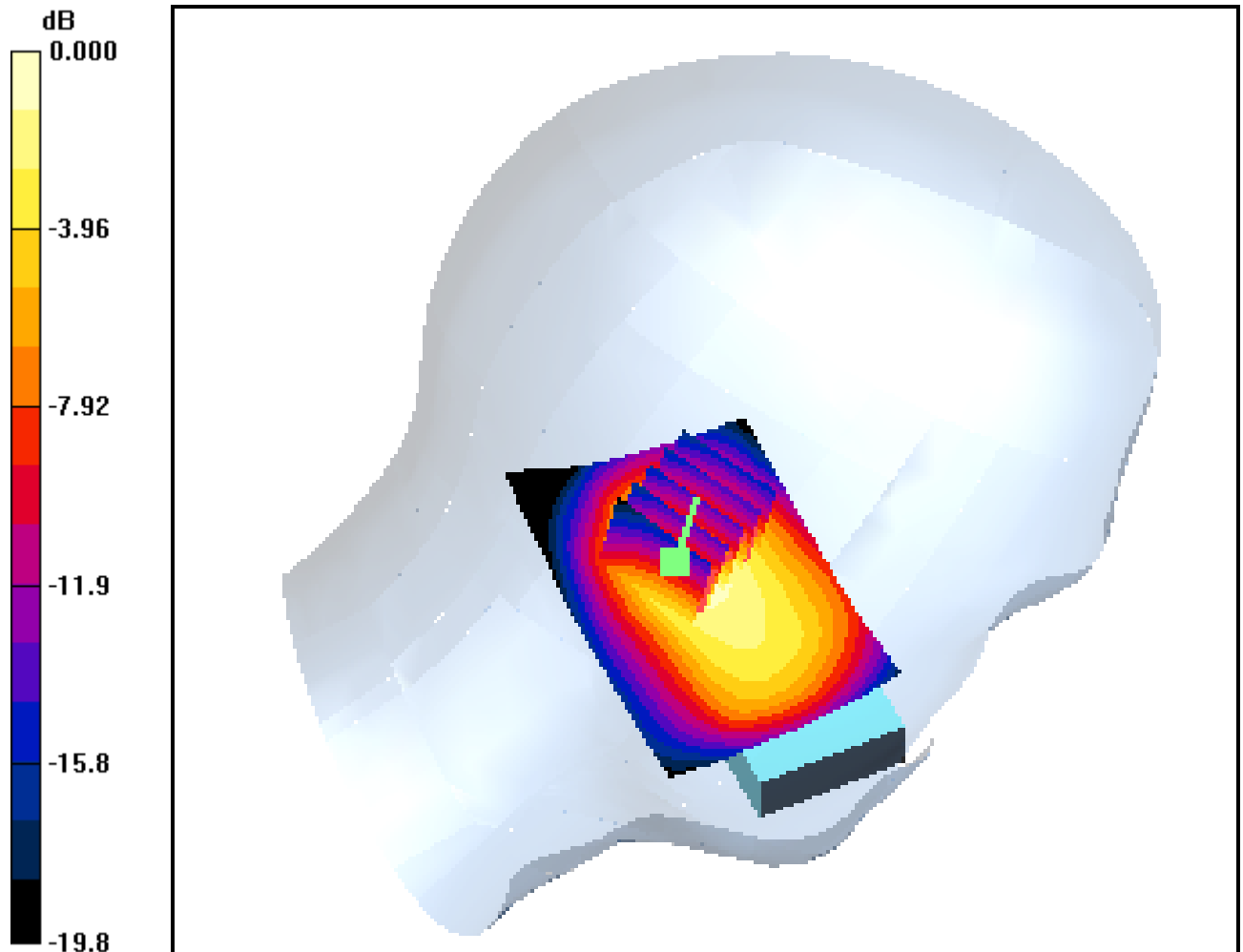
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.576 mW/g



0 dB = 1.13mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(5.29, 5.29, 5.29); Calibrated: 2006-03-23; Electronics: DAE3 Sn519

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

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

Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

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

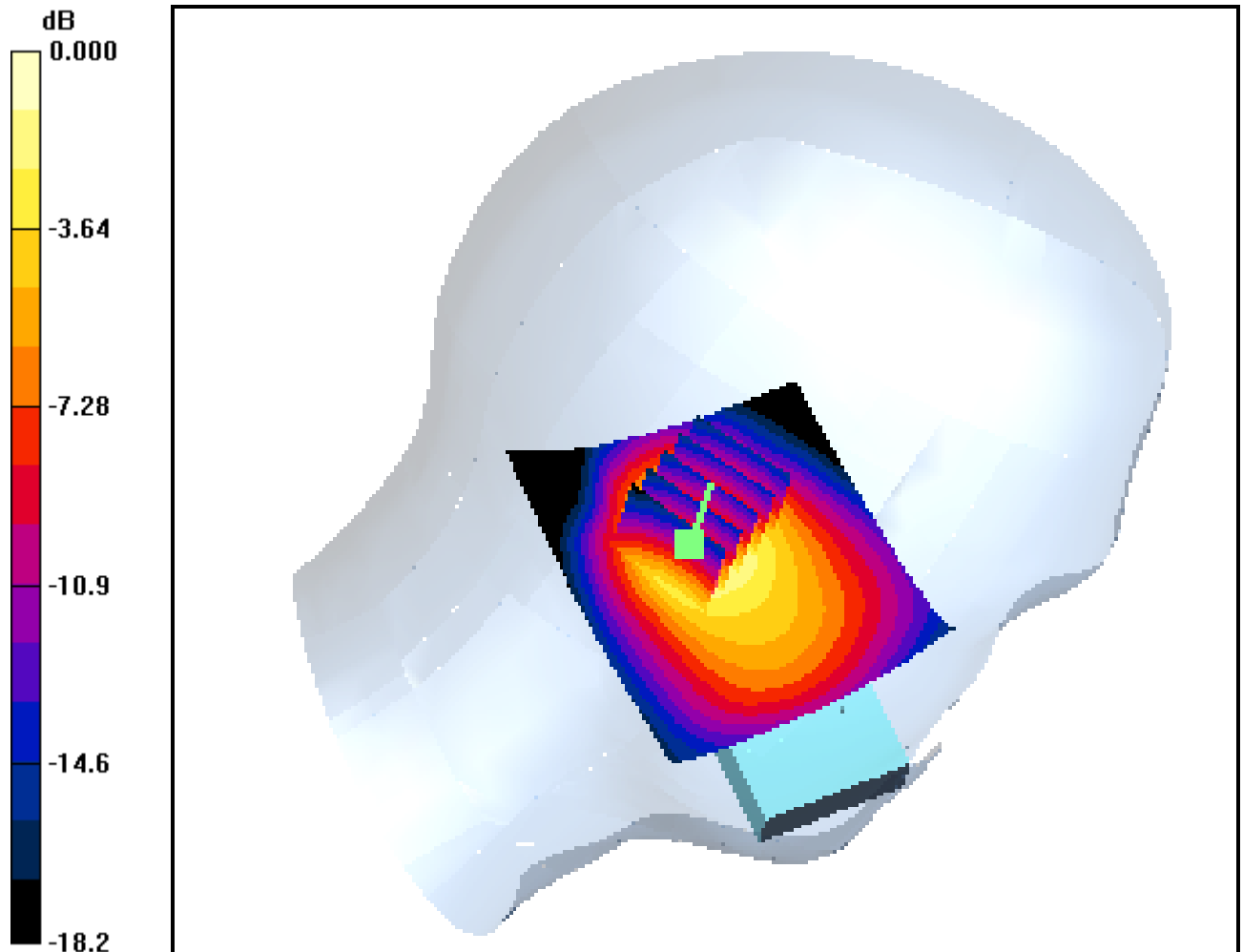
Area Scan (61x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.794 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.274 mW/g



0 dB = 0.534mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 51.7$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.76, 4.76, 4.76); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.512, Ant Intenna, Standary Battery With GPRS

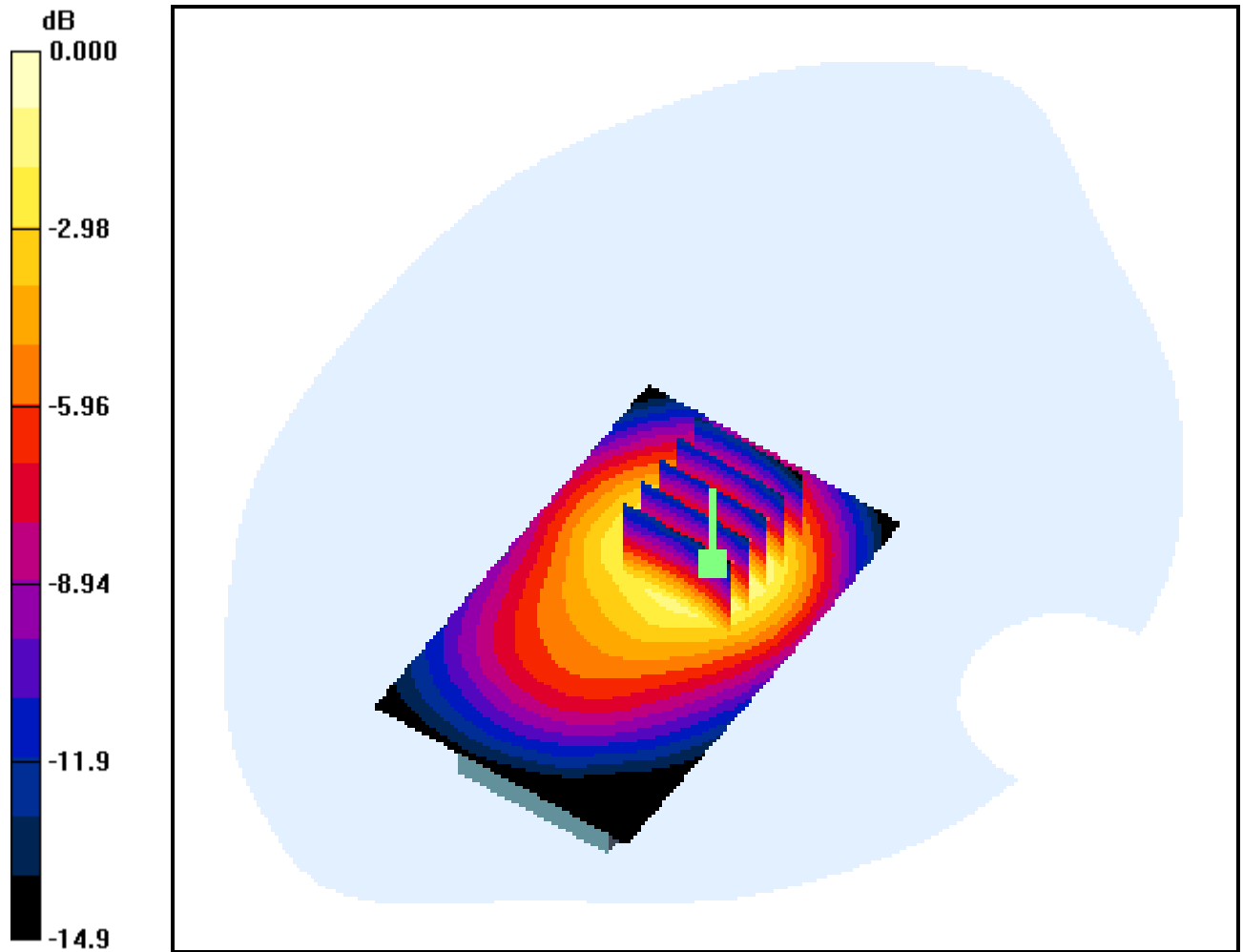
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.612 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.220 mW/g



0 dB = 0.393mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.76, 4.76, 4.76); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.661, Ant Intenna, Standary Battery With GPRS

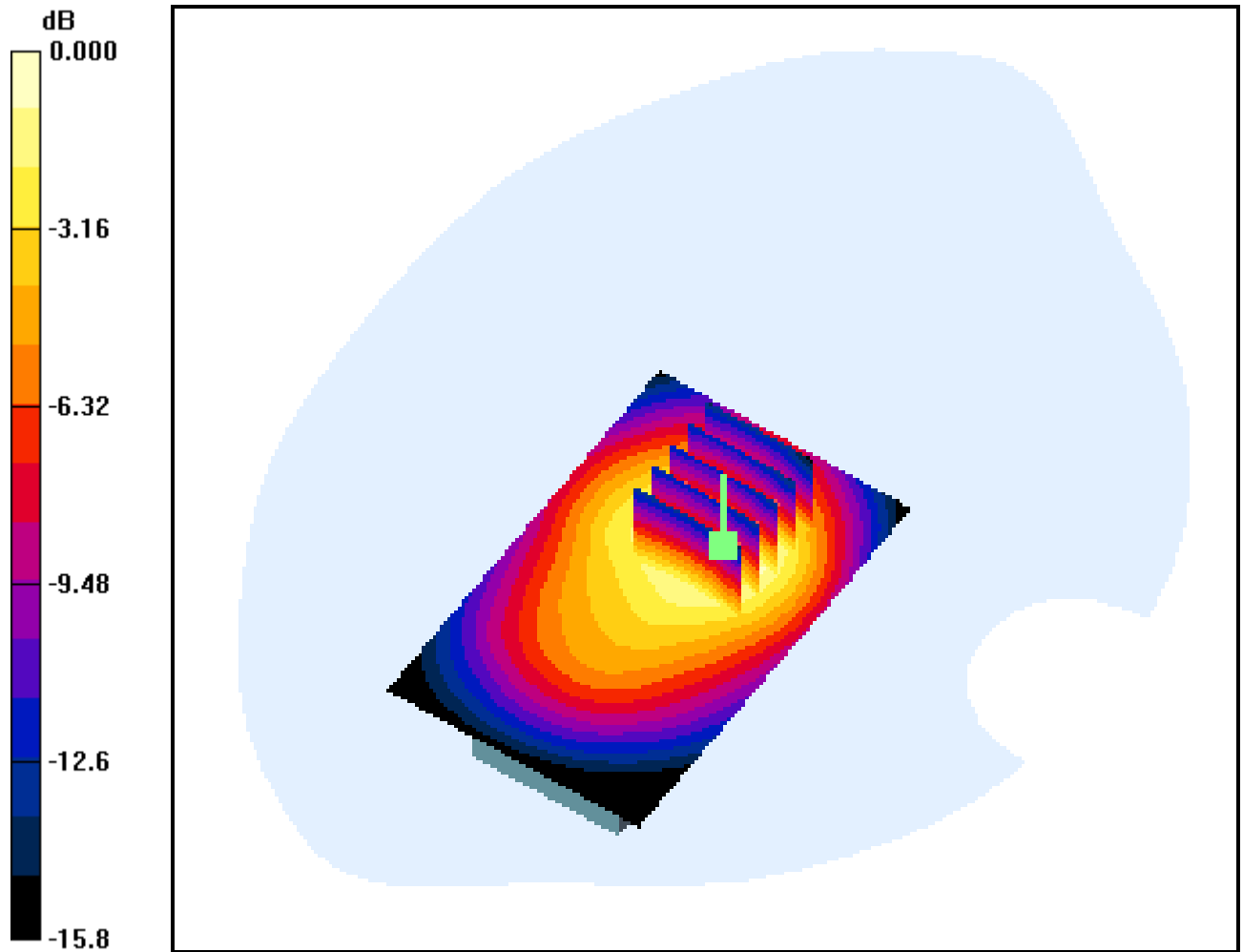
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.307 mW/g



0 dB = 0.548mW/g

DIGITAL EMC CO., LTD

DUT: GM338; Type: Slide Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 51.4$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1702; ConvF(4.76, 4.76, 4.76); Calibrated: 2006-03-23; Electronics: DAE3 Sn519
Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1224
Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Test Date: 2006-09-13; Ambient Temp: 20.0; Tissue Temp: 20.5

1.5cm from Body, PCS Ch.810, Ant Intenna, Standary Battery With GPRS

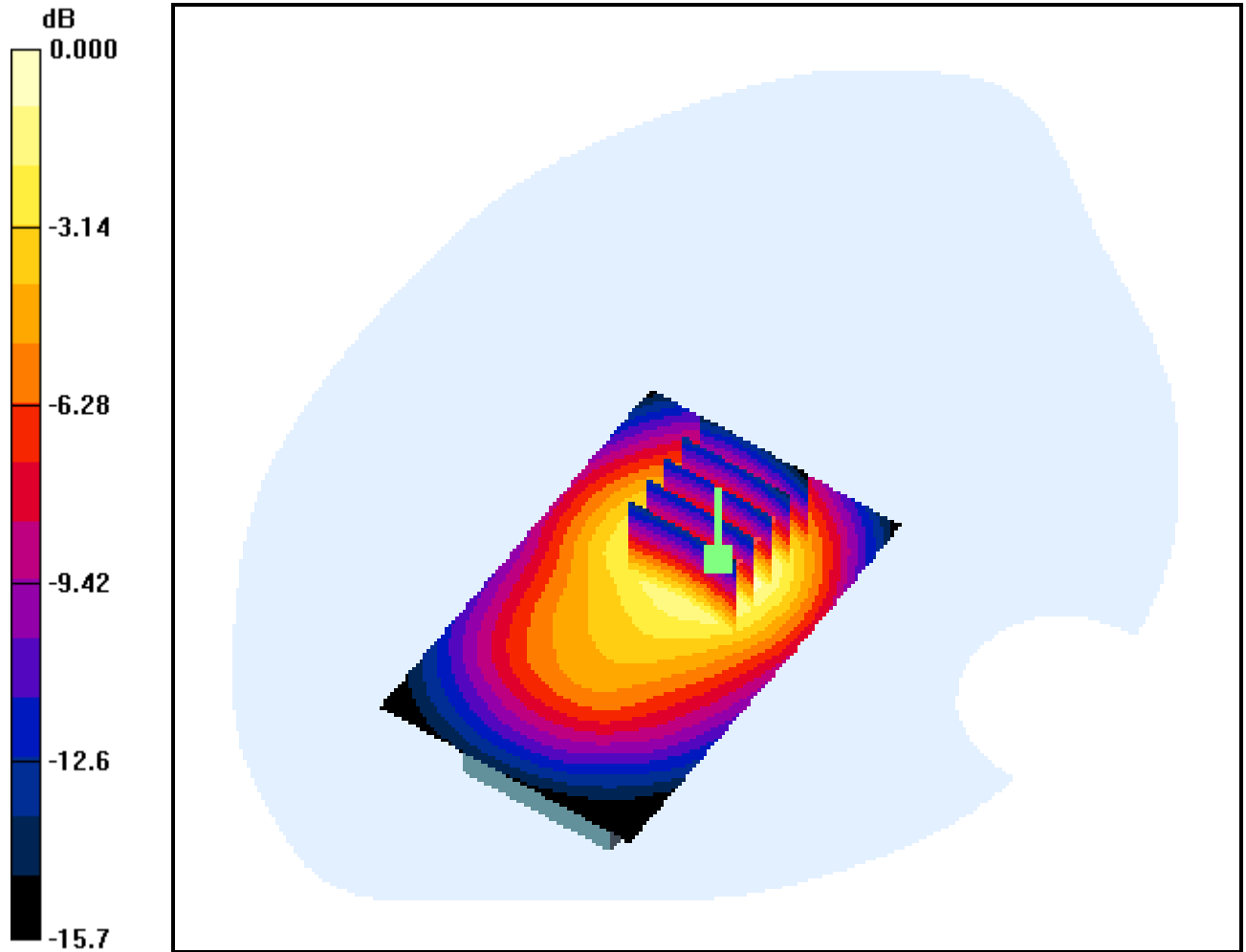
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.354 mW/g



0 dB = 0.633mW/g