
SAR TEST PLOTS

DIGITAL EMC CO., LTD

DUT: VK1000 body; Type: Folder Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

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

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

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

Test Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

1.5cm from Body, GSM850 Ch.128, Ant Fixed, Standard Battery

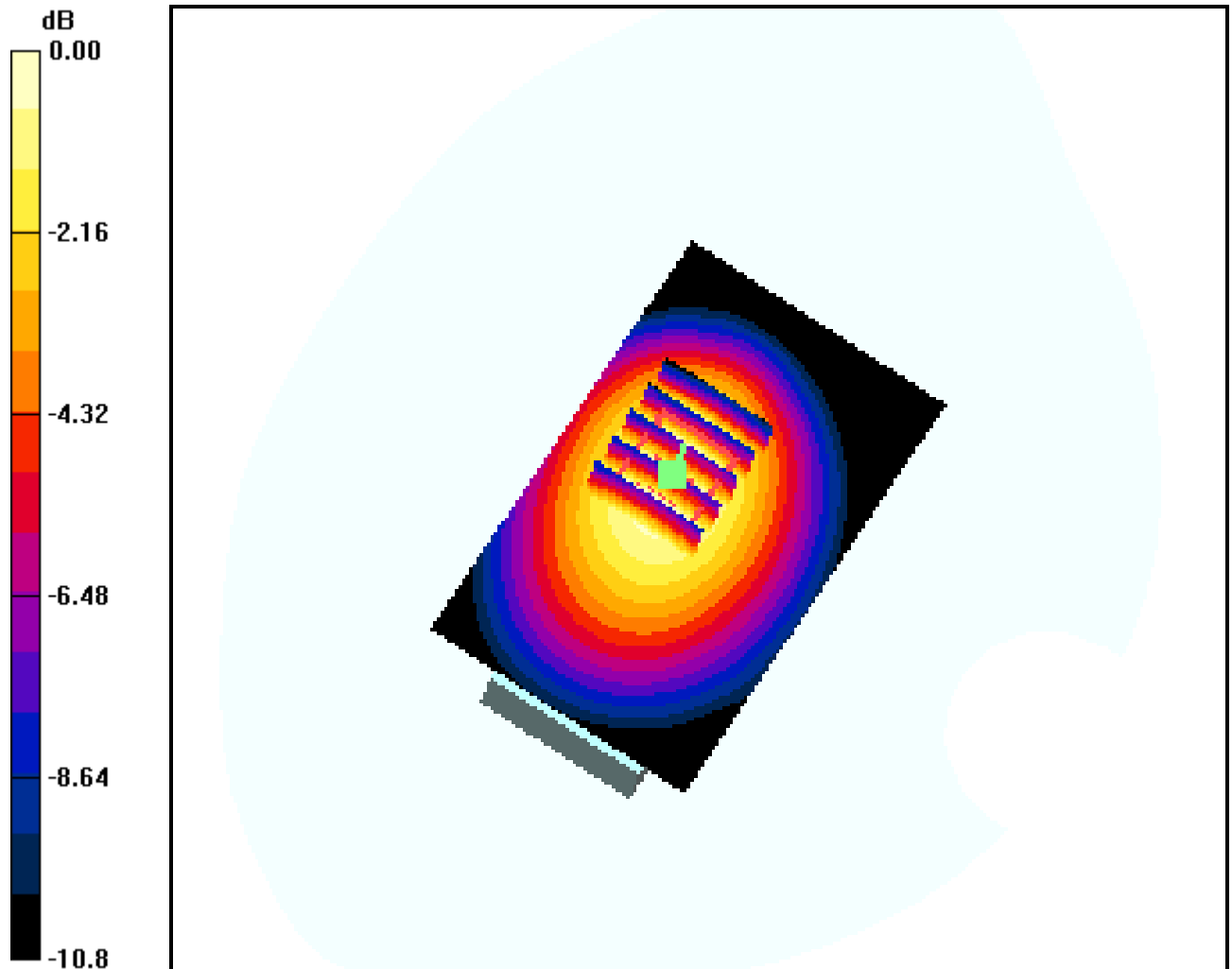
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.109 mW/g



0 dB = 0.167mW/g

DIGITAL EMC CO., LTD

DUT: VK1000 body; Type: Folder Type

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

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

Test Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

1.5cm from Body, GSM850 Ch.190, Ant Fixed, Standard Battery

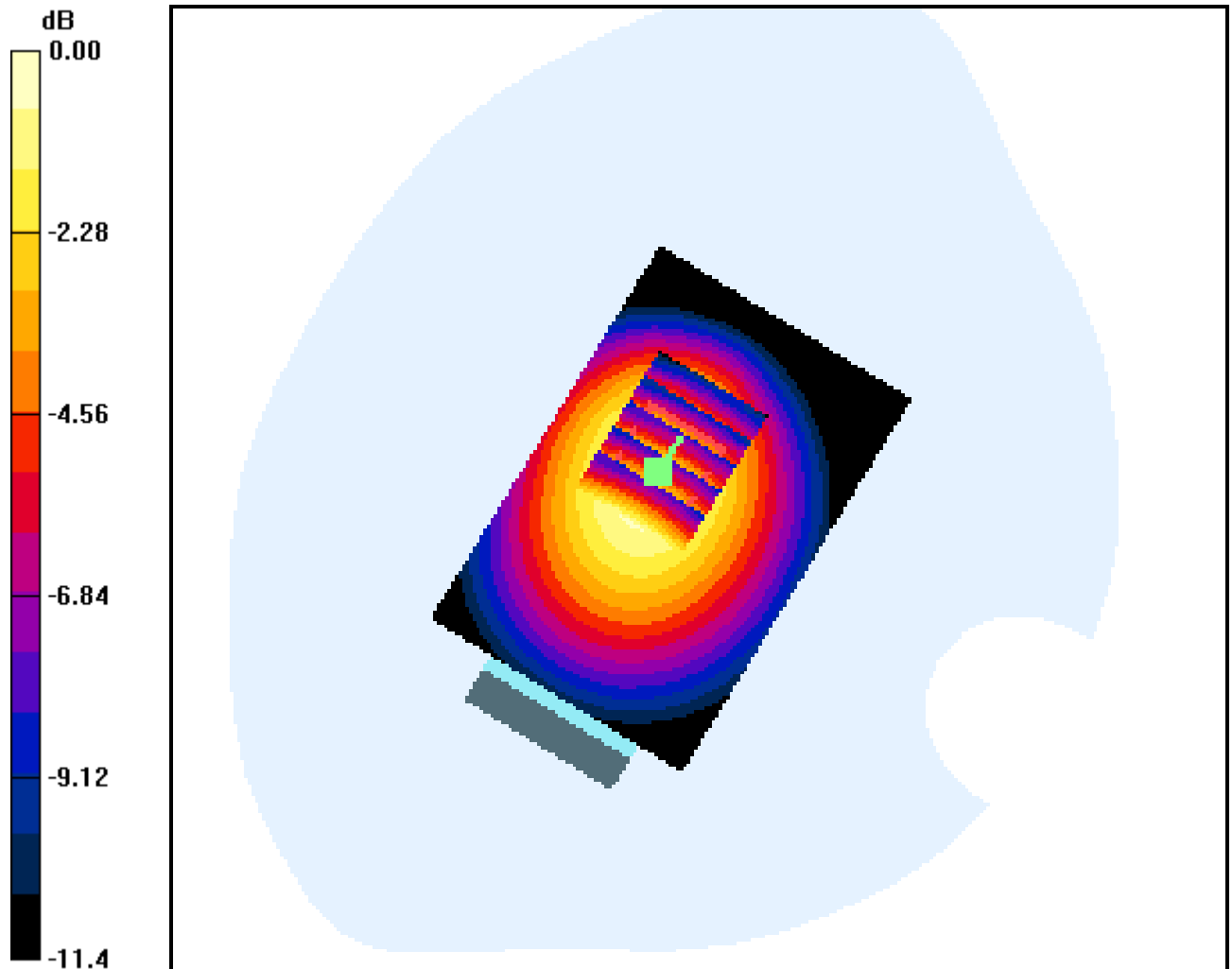
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.136 mW/g



0 dB = 0.215mW/g

DIGITAL EMC CO., LTD

DUT: VK1000 body; Type: Folder Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

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

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

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

Test Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

1.5cm from Body, GSM850 Ch.251, Ant Fixed, Standard Battery

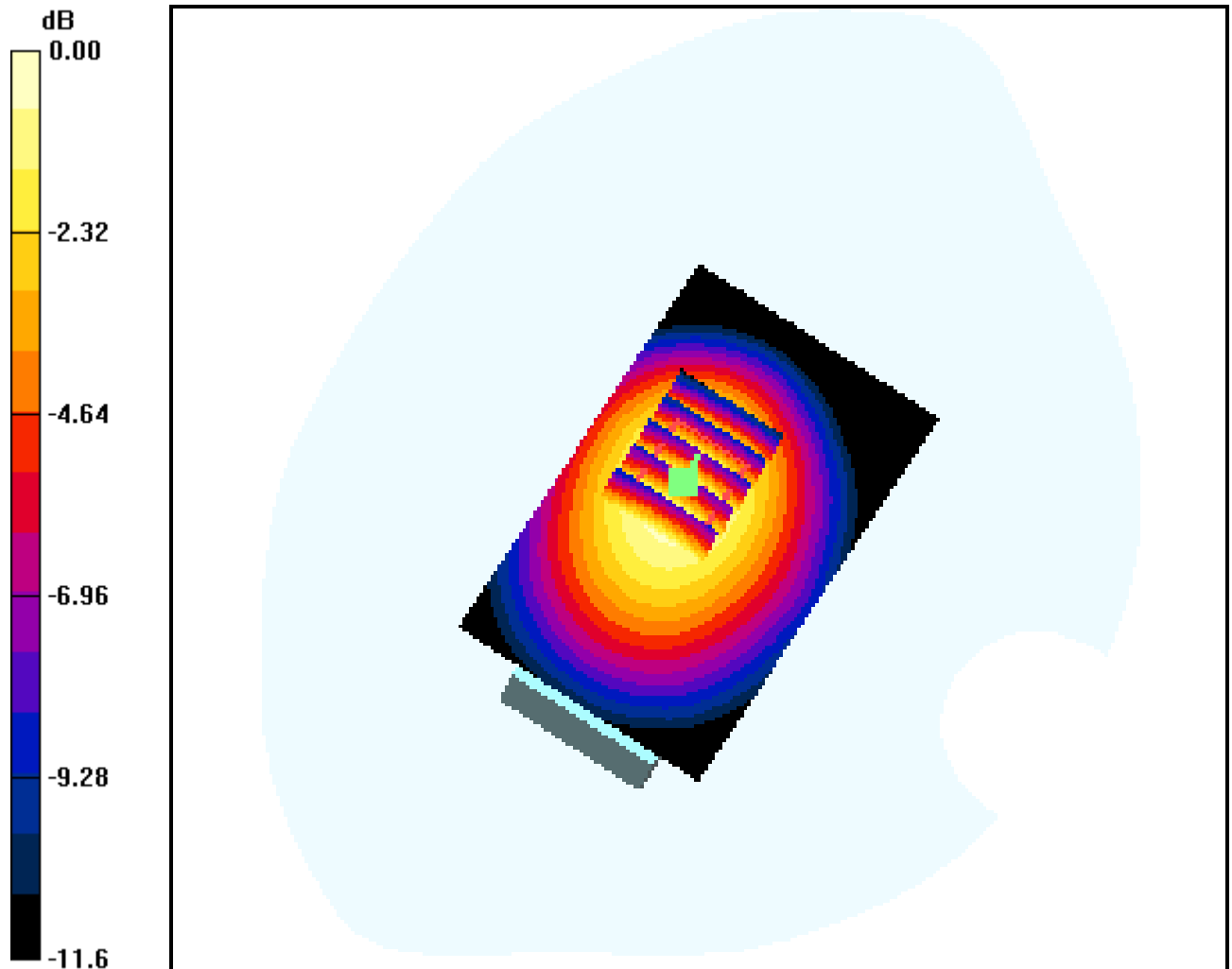
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.265mW/g

DIGITAL EMC CO., LTD

DUT: VK1000 body; Type: Folder Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

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

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

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

Test Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

1.5cm from Body, GSM850 Ch.251, Ant Fixed, Slim Battery

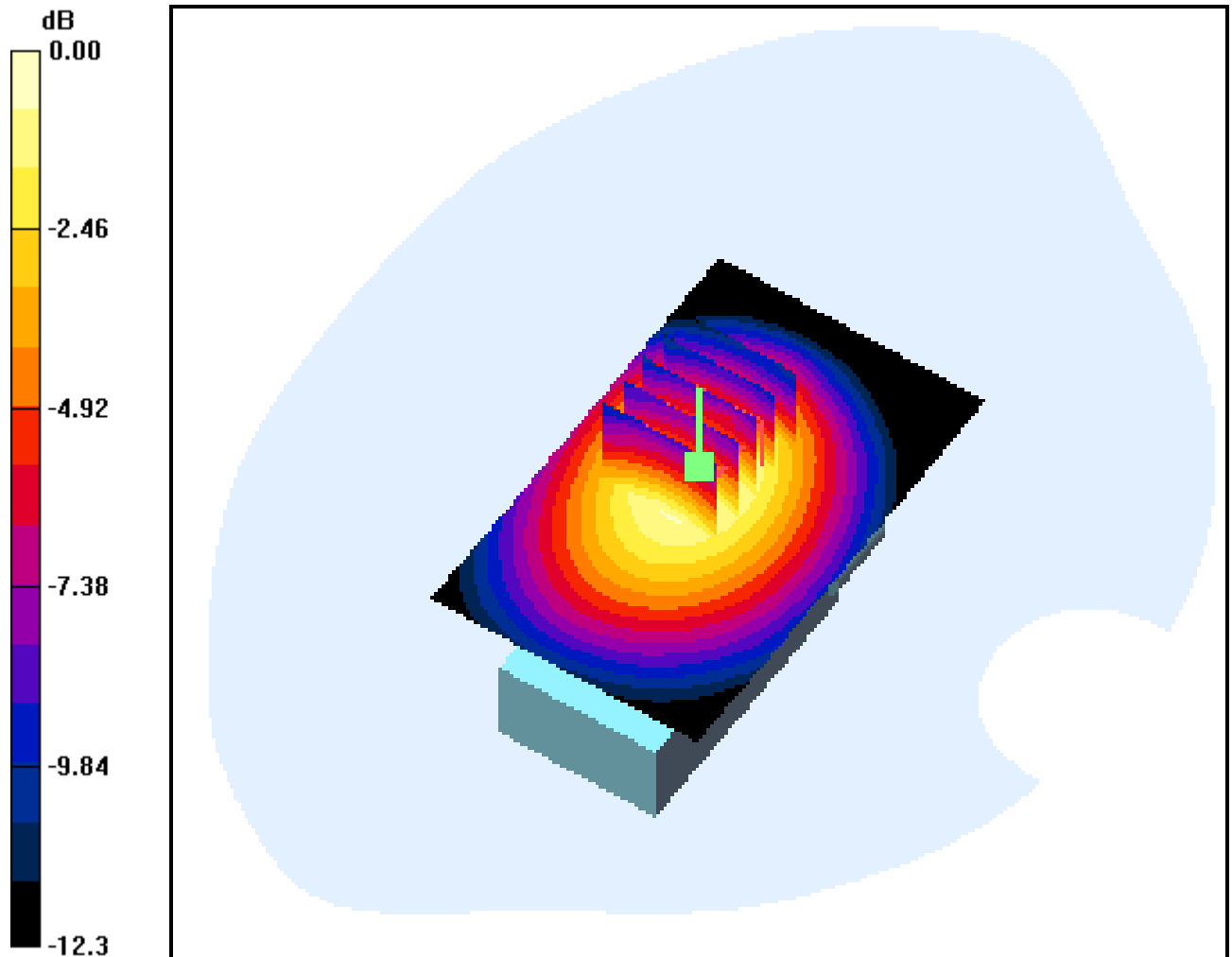
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.173 mW/g



0 dB = 0.273mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.866 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Touch, GSM850 Ch.128, Ant Fixed, Standard Battery

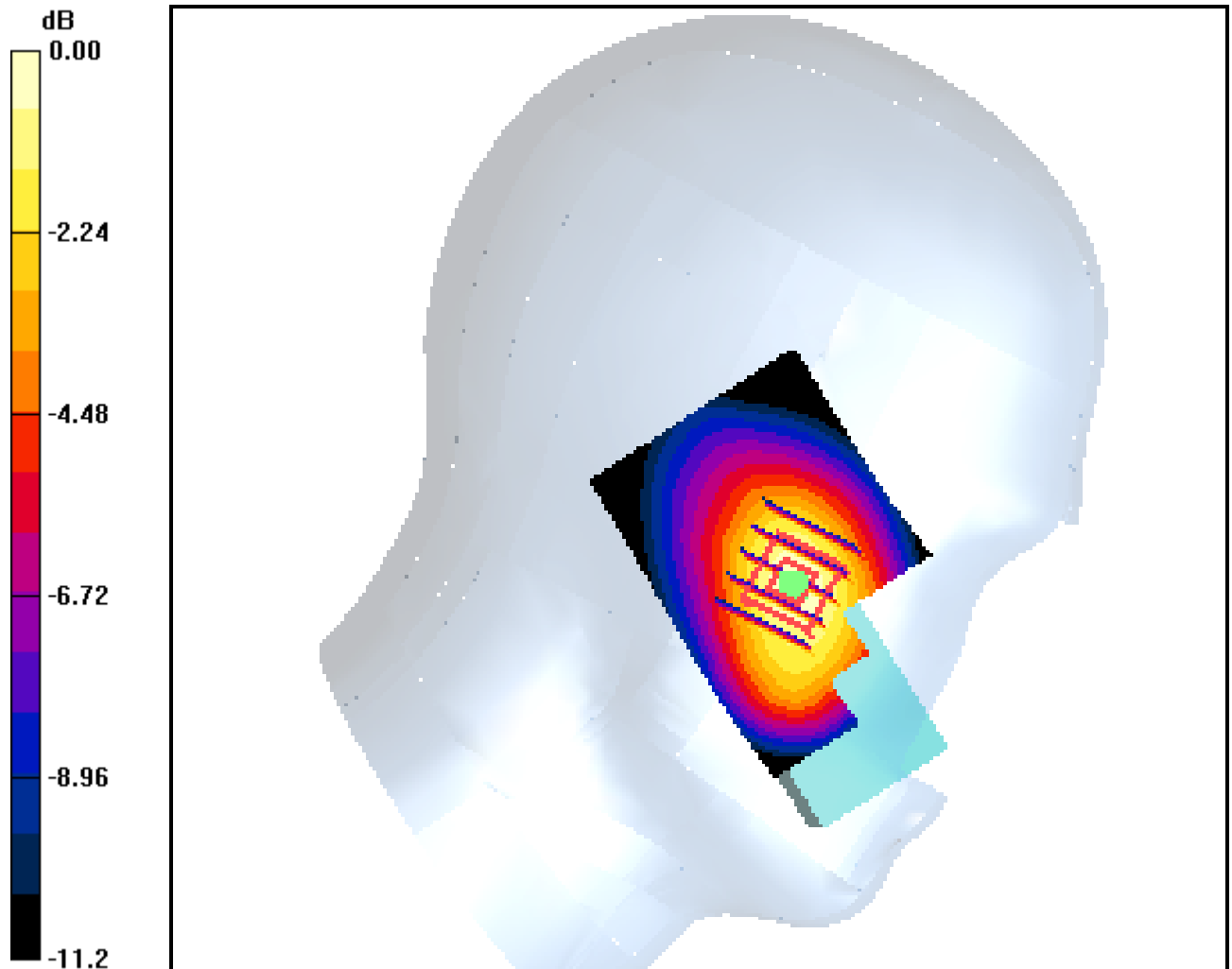
Area Scan (51x71x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.304 mW/g



0 dB = 0.502mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Touch, GSM850 Ch.190, Ant Fixed, Standard Battery

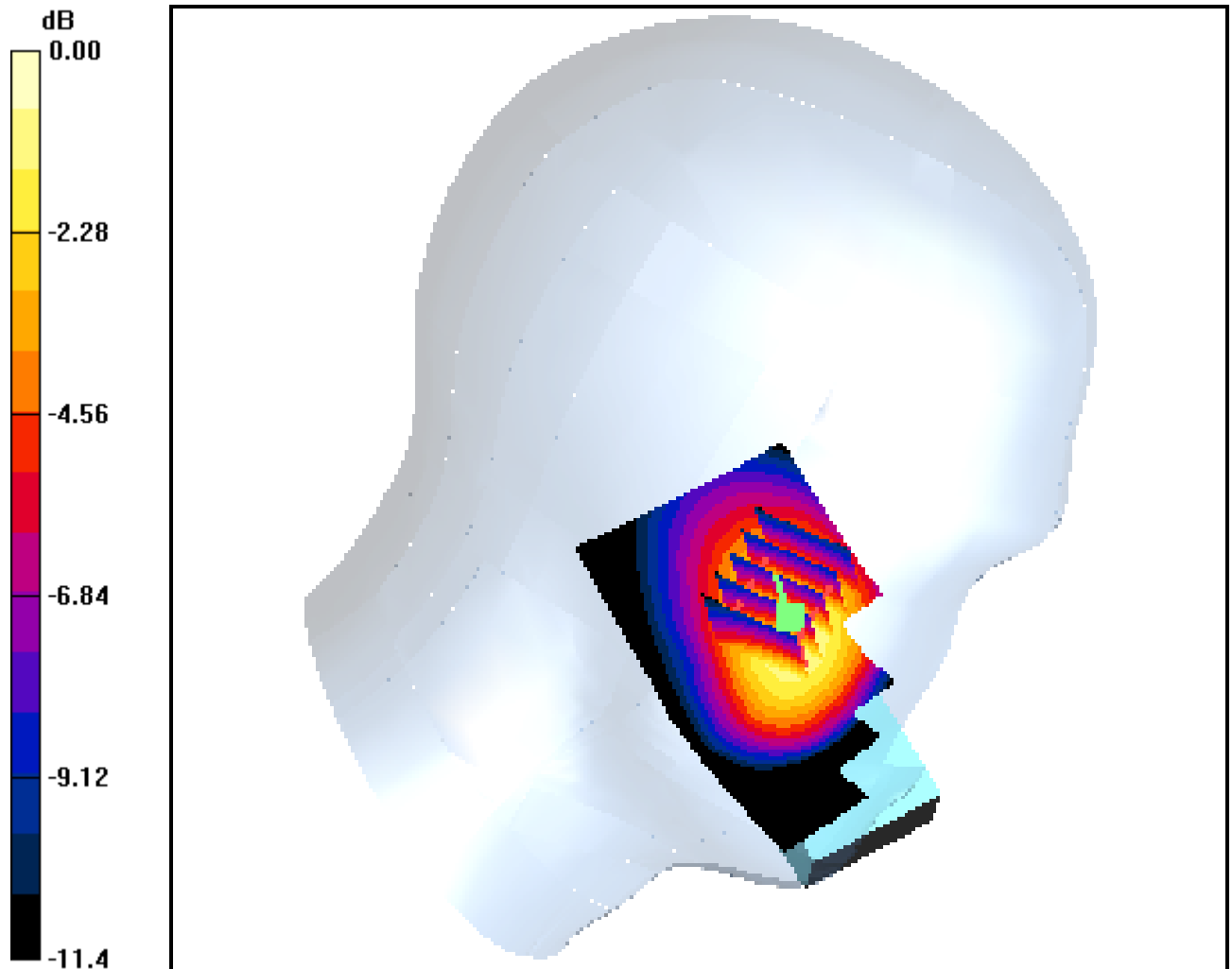
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.401 mW/g



0 dB = 0.671mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Touch, GSM850 Ch.251, Ant Fixed, Standard Battery

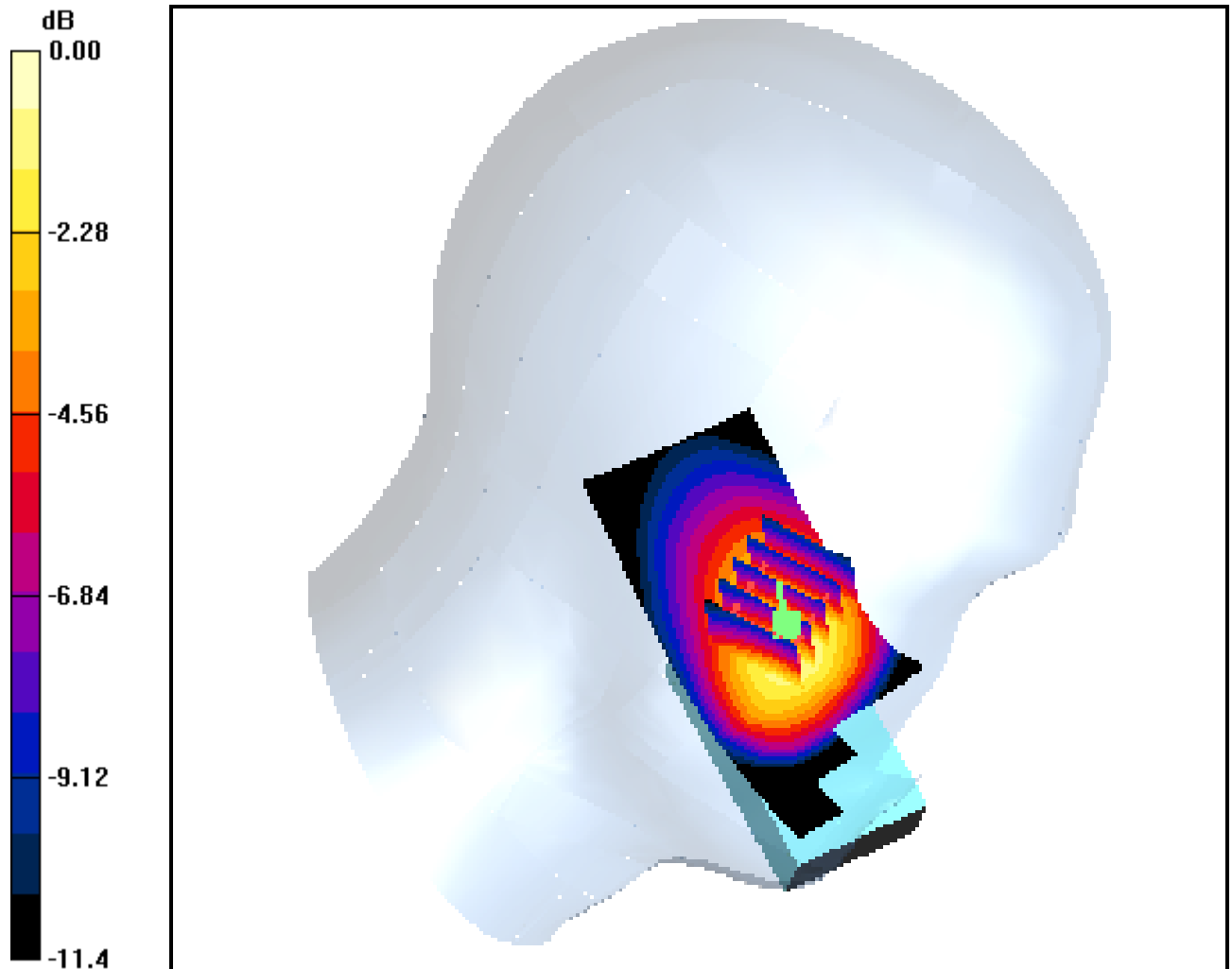
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.557 mW/g



0 dB = 0.933mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28 ; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Touch, GSM850 Ch.251, Ant Fixed, Slim Battery

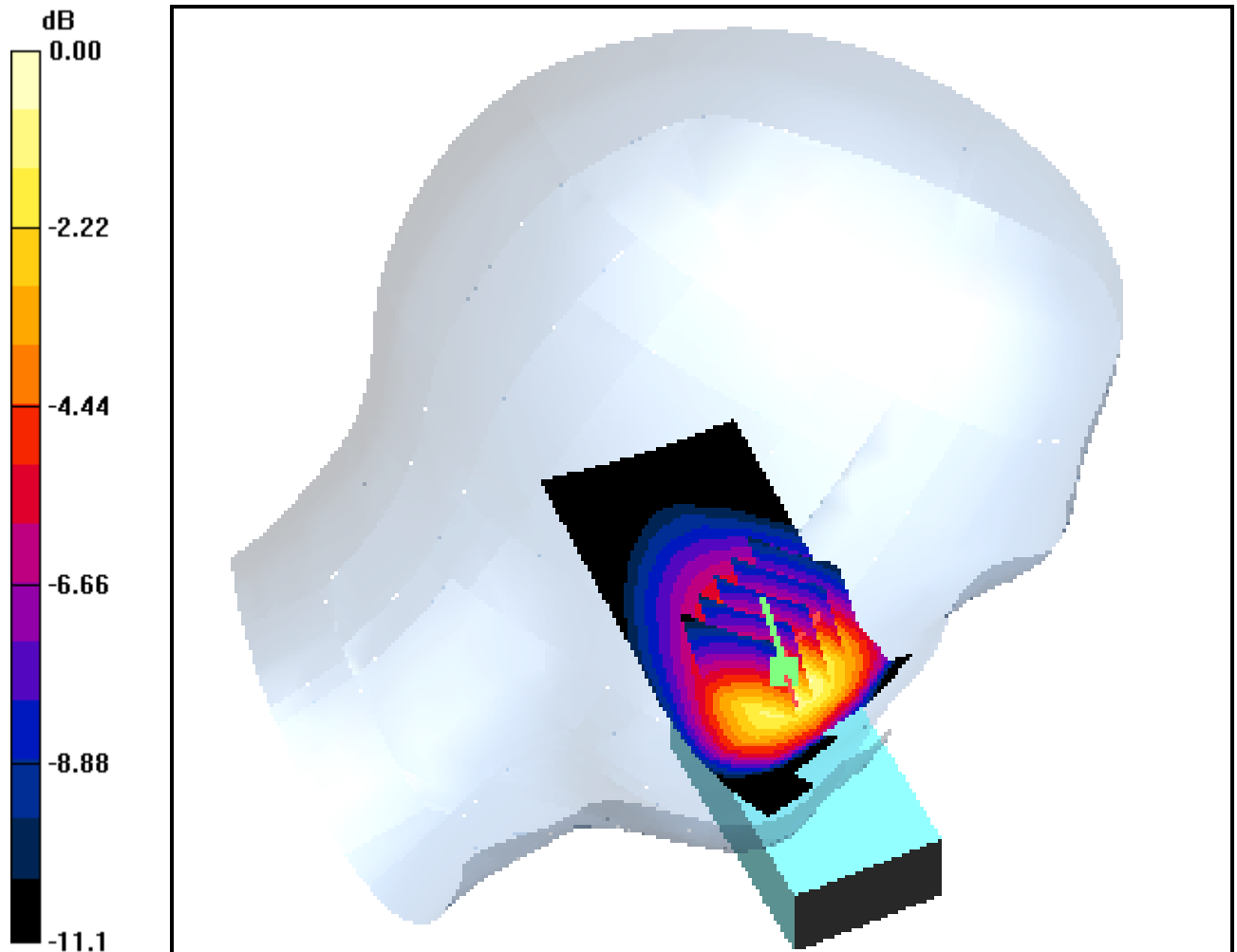
Area Scan (41x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.367 mW/g



0 dB = 0.607mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.866 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Tilt, GSM850 Ch.190, Ant Fixed, Standard Battery

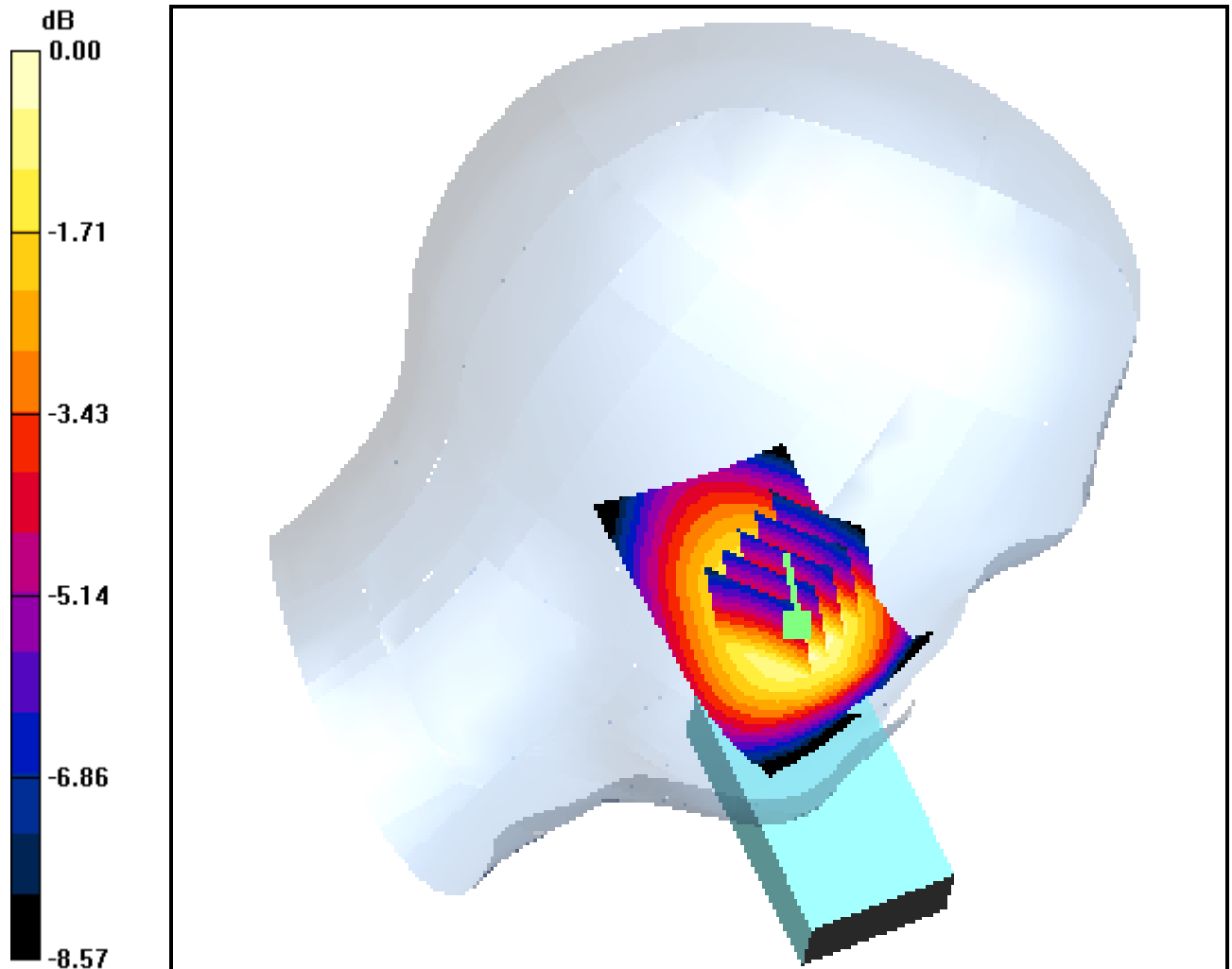
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.114 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.116 mW/g



0 dB = 0.163mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Tilt, GSM850 Ch.190, Ant Fixed, Standard Battery

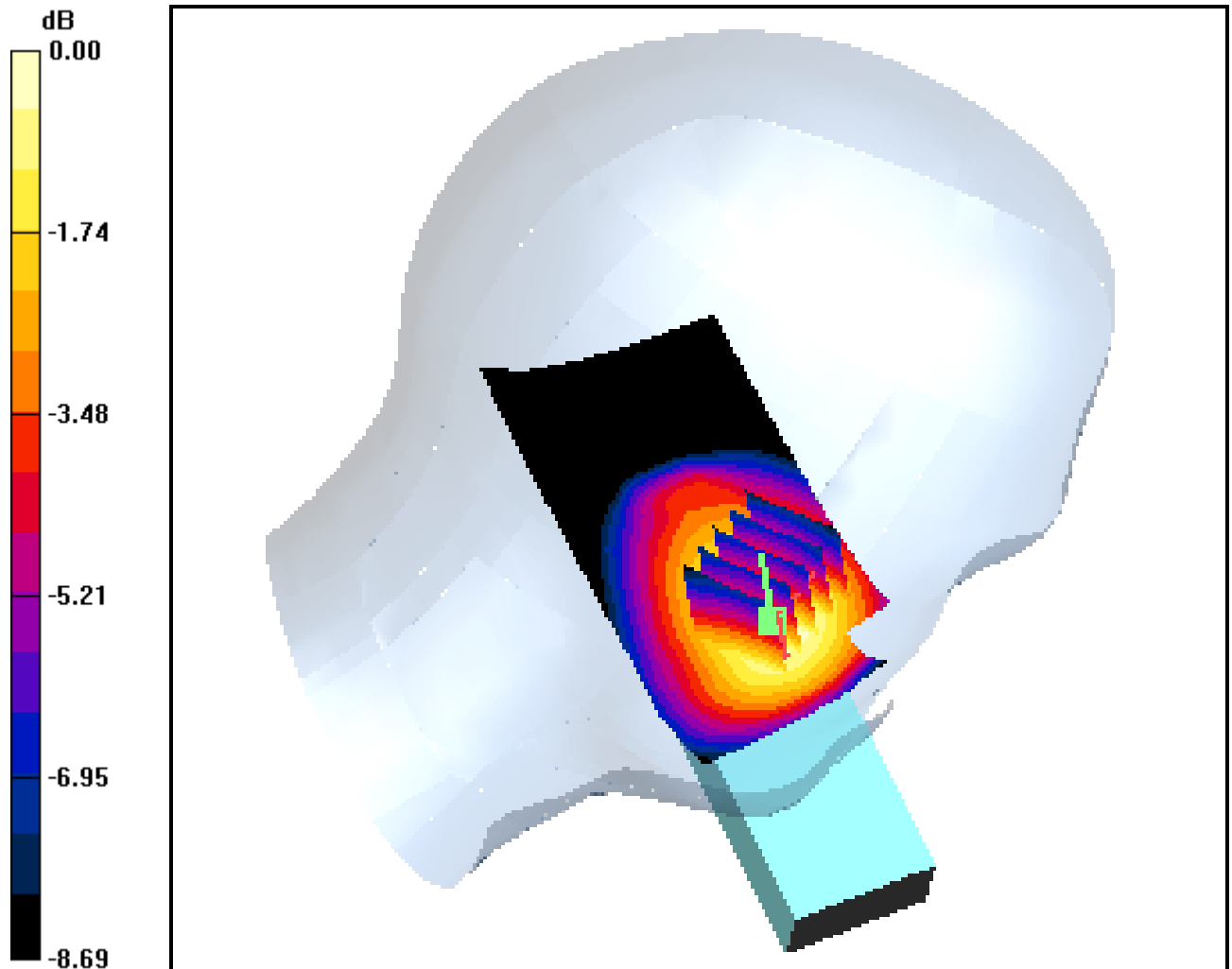
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.139 mW/g



0 dB = 0.203mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Tilt, GSM850 Ch.251, Ant Fixed, Standard Battery

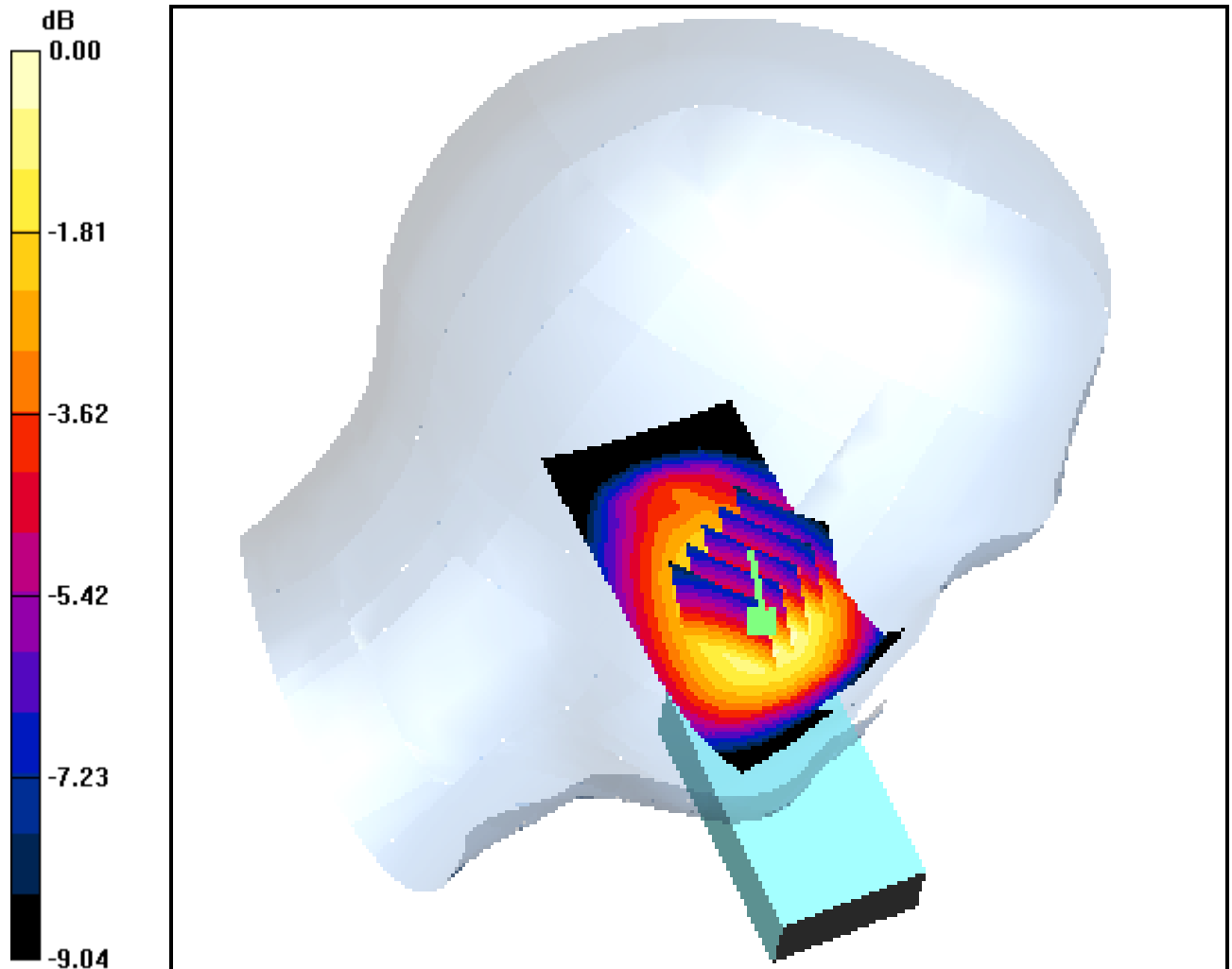
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.087 dB

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.194 mW/g



0 dB = 0.282mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Left Section

DASY4 Configuration:

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

Date: 2005-07-28 ; Ambient Temp: 21.7; Tissue Temp: 21.0

Left Tilt, GSM850 Ch.251, Ant Fixed, Slim Battery

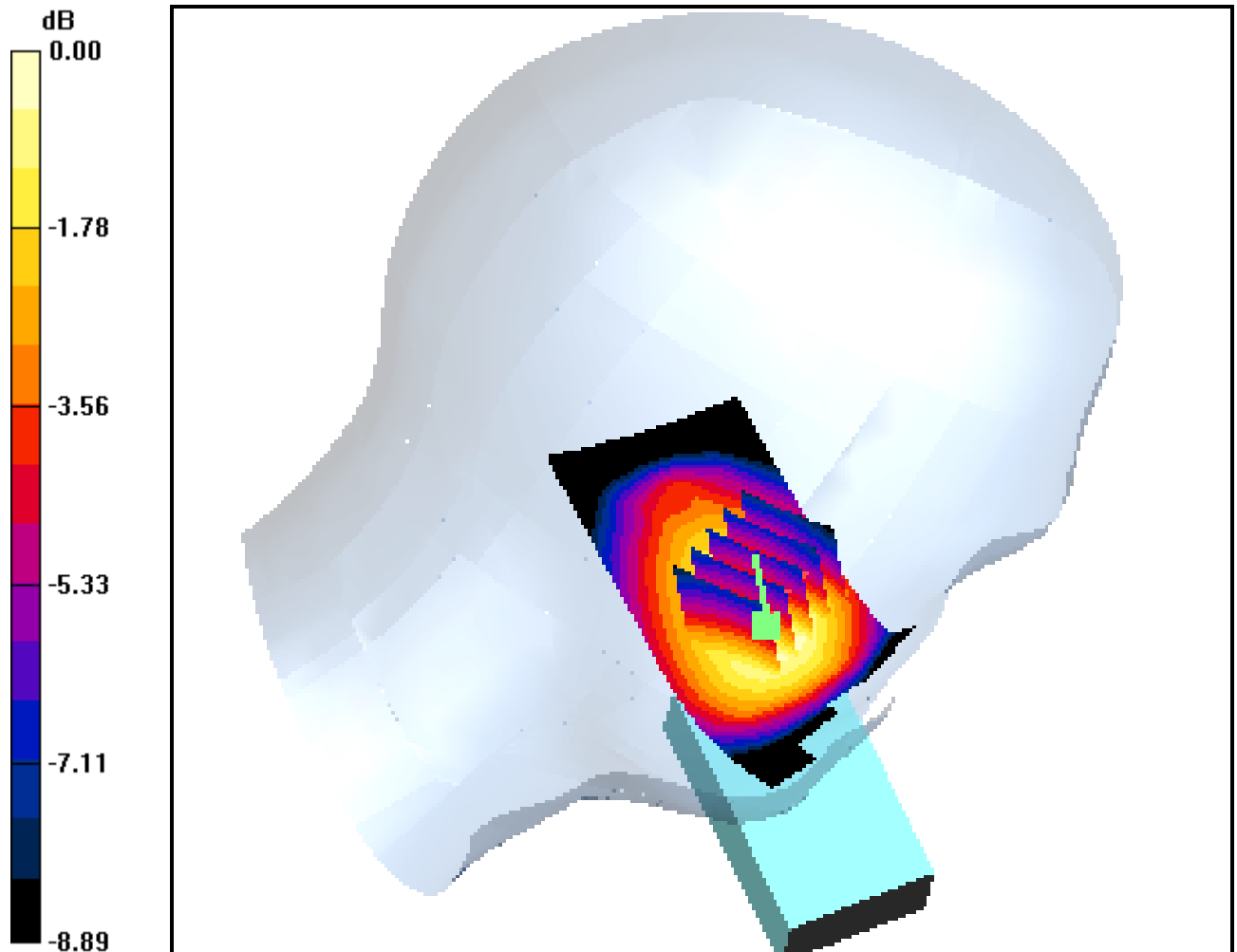
Area Scan (41x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.061 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.131 mW/g



0 dB = 0.189mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.866 \text{ mho/m}$; $\epsilon_r = 41.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Touch, GSM850 Ch.128, Ant Fixed, Standard Battery

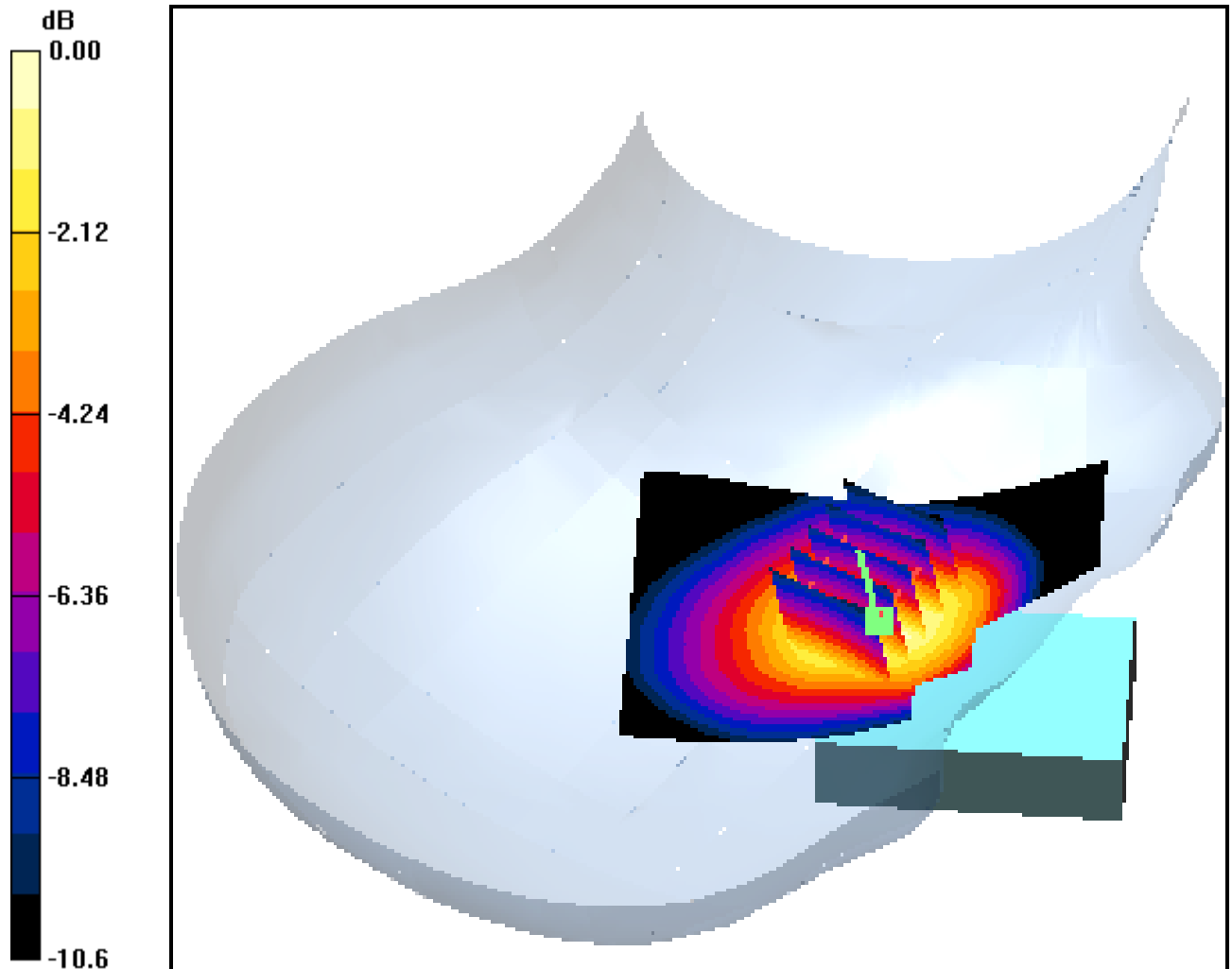
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.872 W/kg

SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.397 mW/g



0 dB = 0.646mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Touch, GSM850 Ch.190, Ant Fixed, Standard Battery

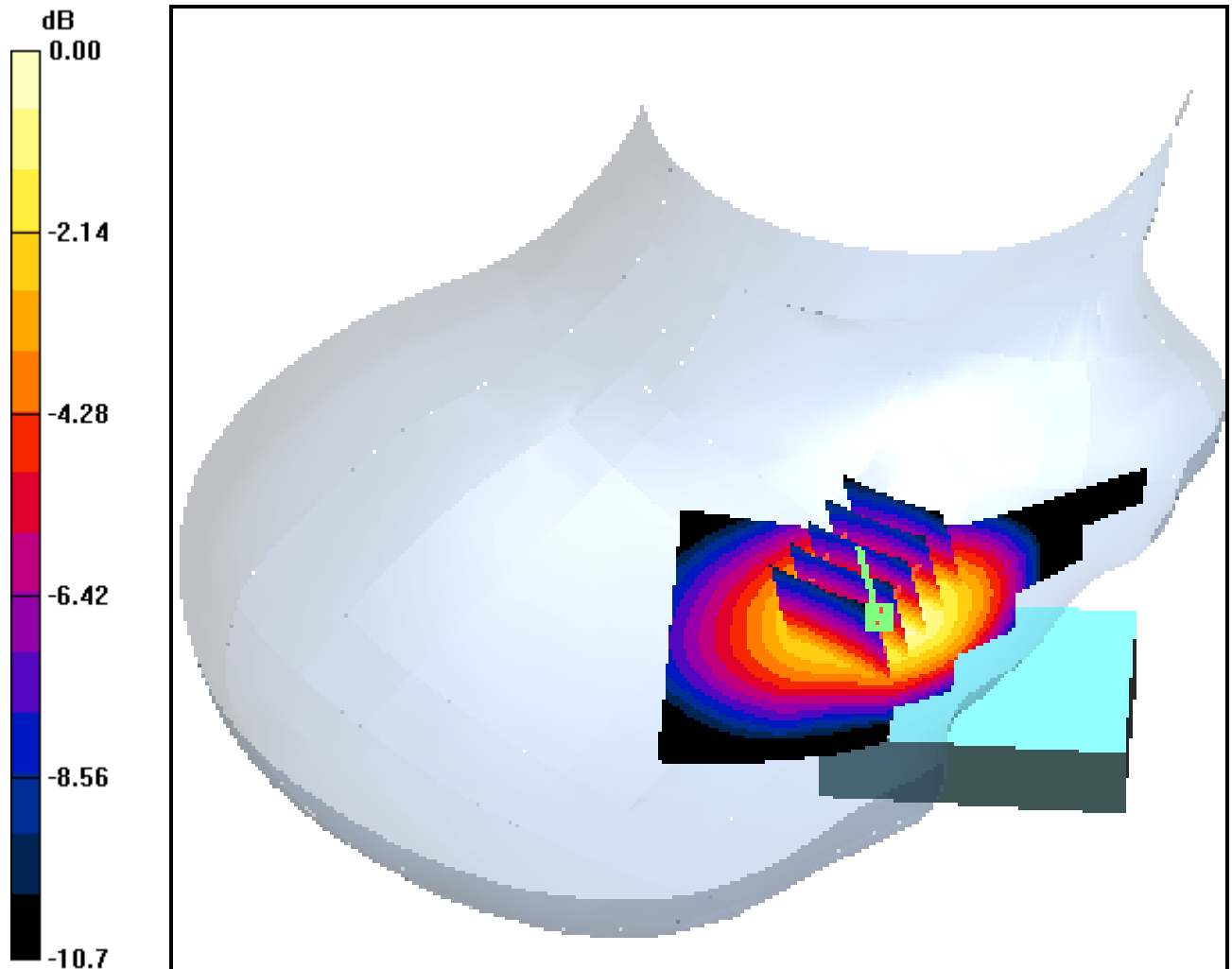
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.074 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.552 mW/g



0 dB = 0.908mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Touch, GSM850 Ch.251, Ant Fixed, Standard Battery

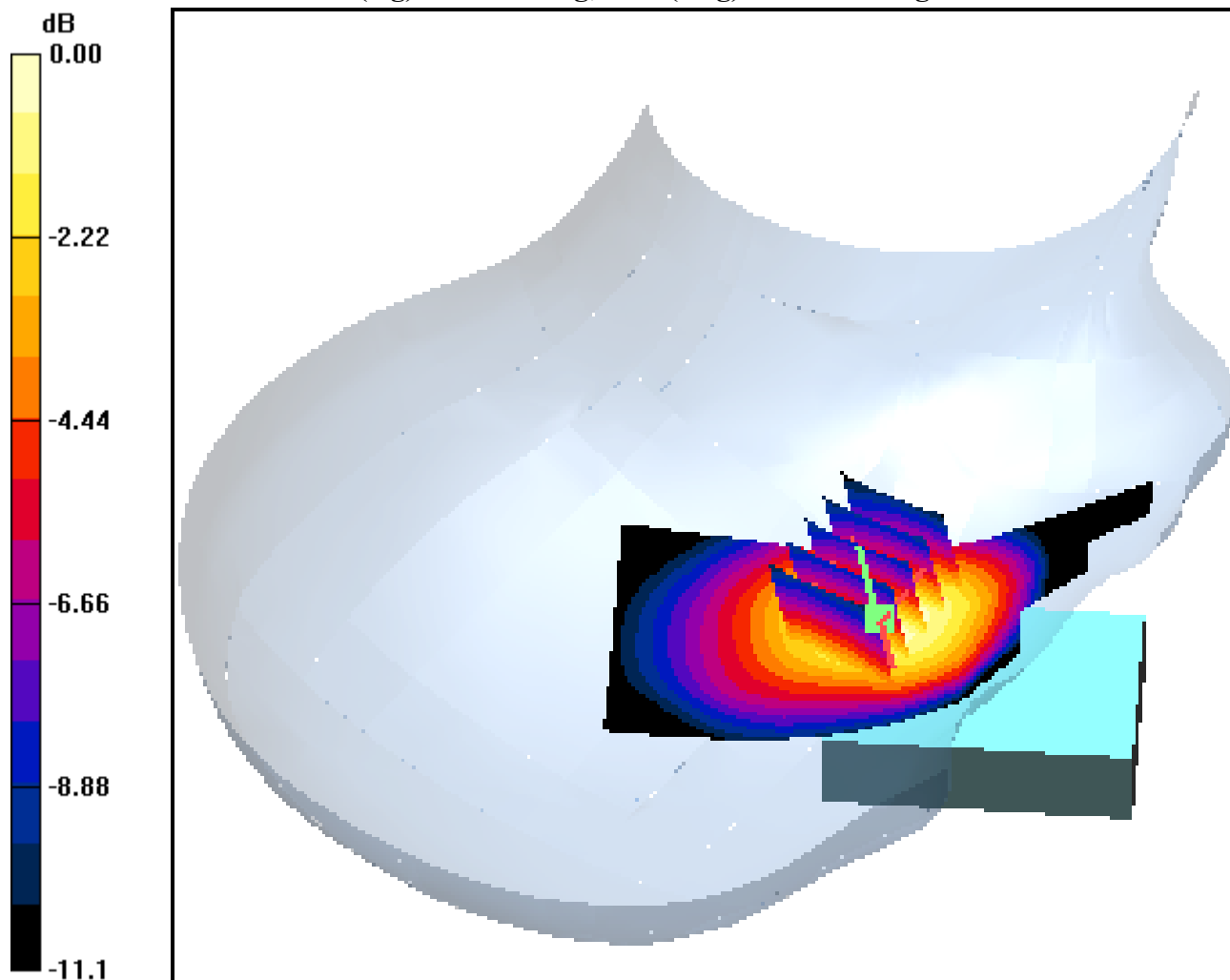
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.069 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.760 mW/g



0 dB = 1.25mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

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

Date: 2005-07-28 ; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Touch, GSM850 Ch.251, Ant Fixed, Slim Battery

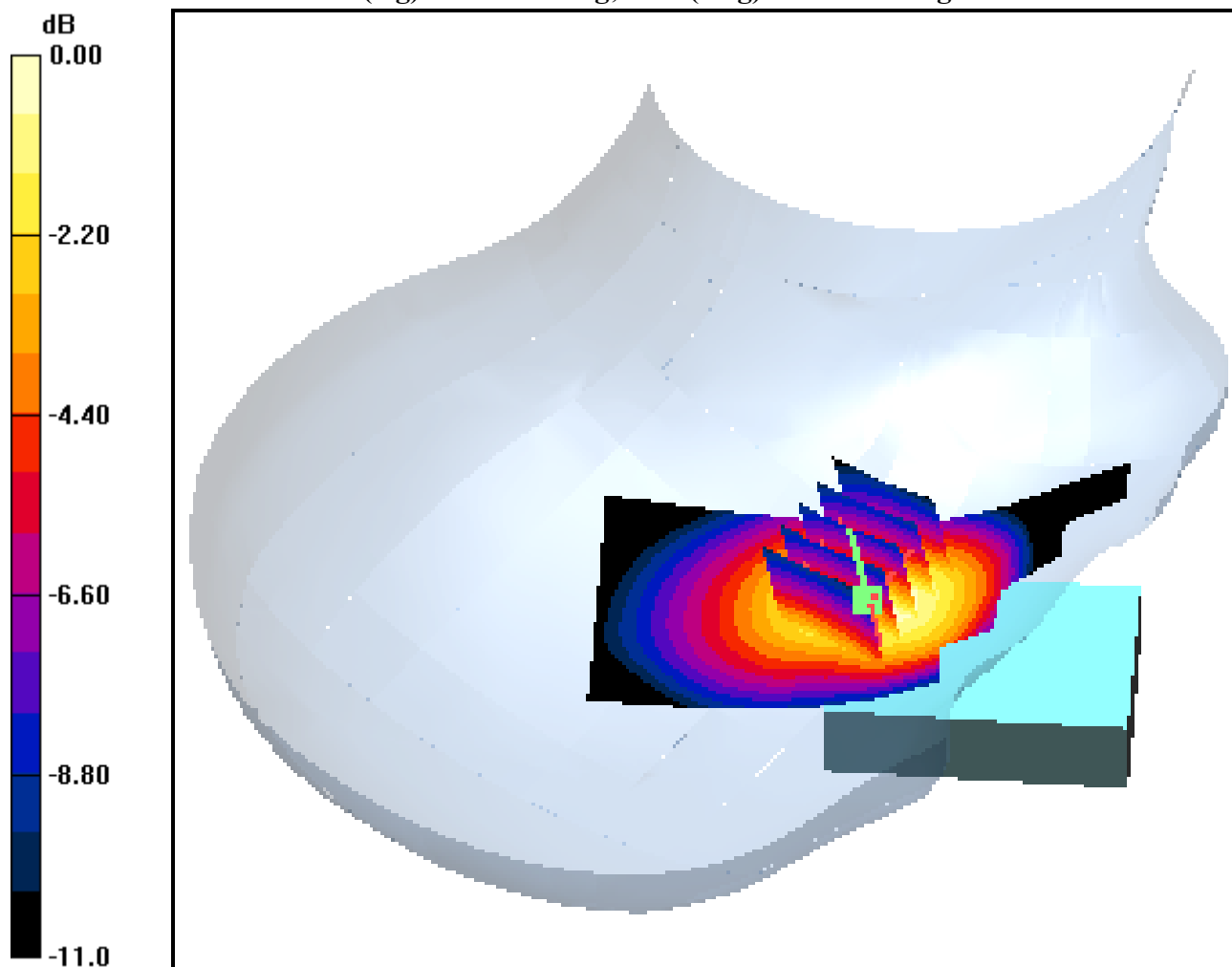
Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.830 W/kg

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.382 mW/g



0 dB = 0.629mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.866$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Tilt, GSM850 Ch.128, Ant Fixed, Standard Battery

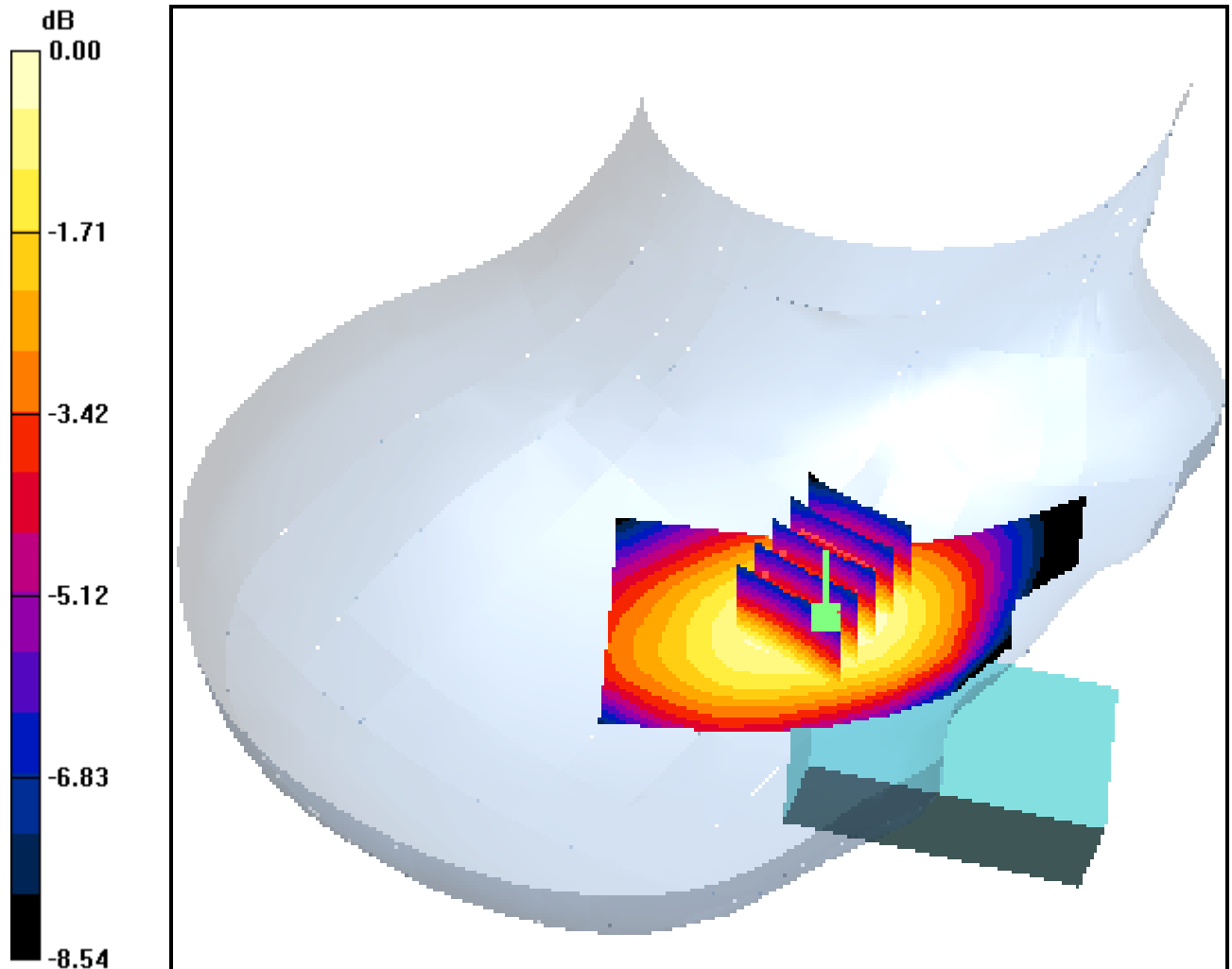
Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.143 mW/g



0 dB = 0.201mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.877 \text{ mho/m}$; $\epsilon_r = 41.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Tilt, GSM850 Ch.190, Ant Fixed, Standard Battery

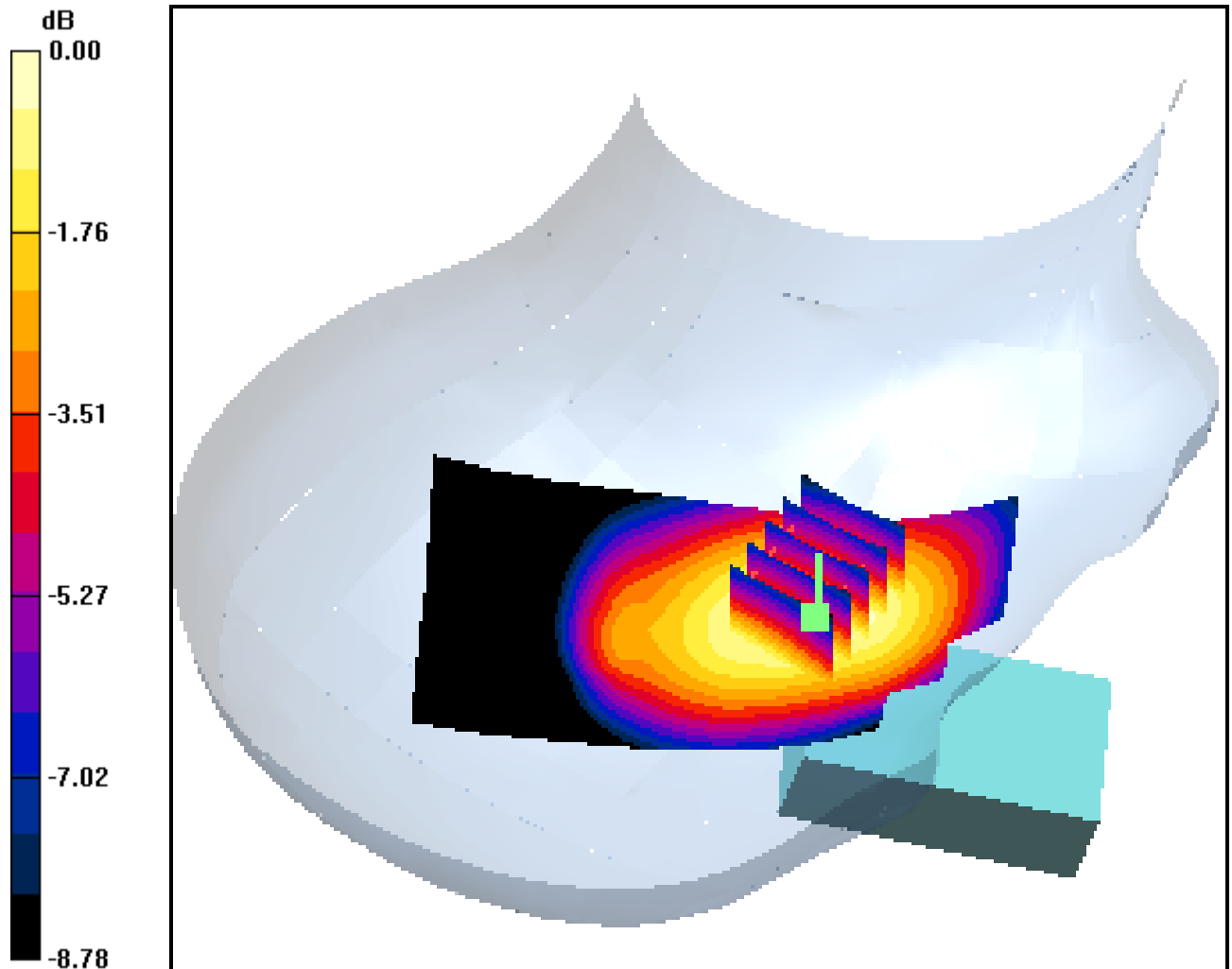
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.187 mW/g



0 dB = 0.268mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

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

Date: 2005-07-28; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Tilt, GSM850 Ch.251, Ant Fixed, Standard Battery

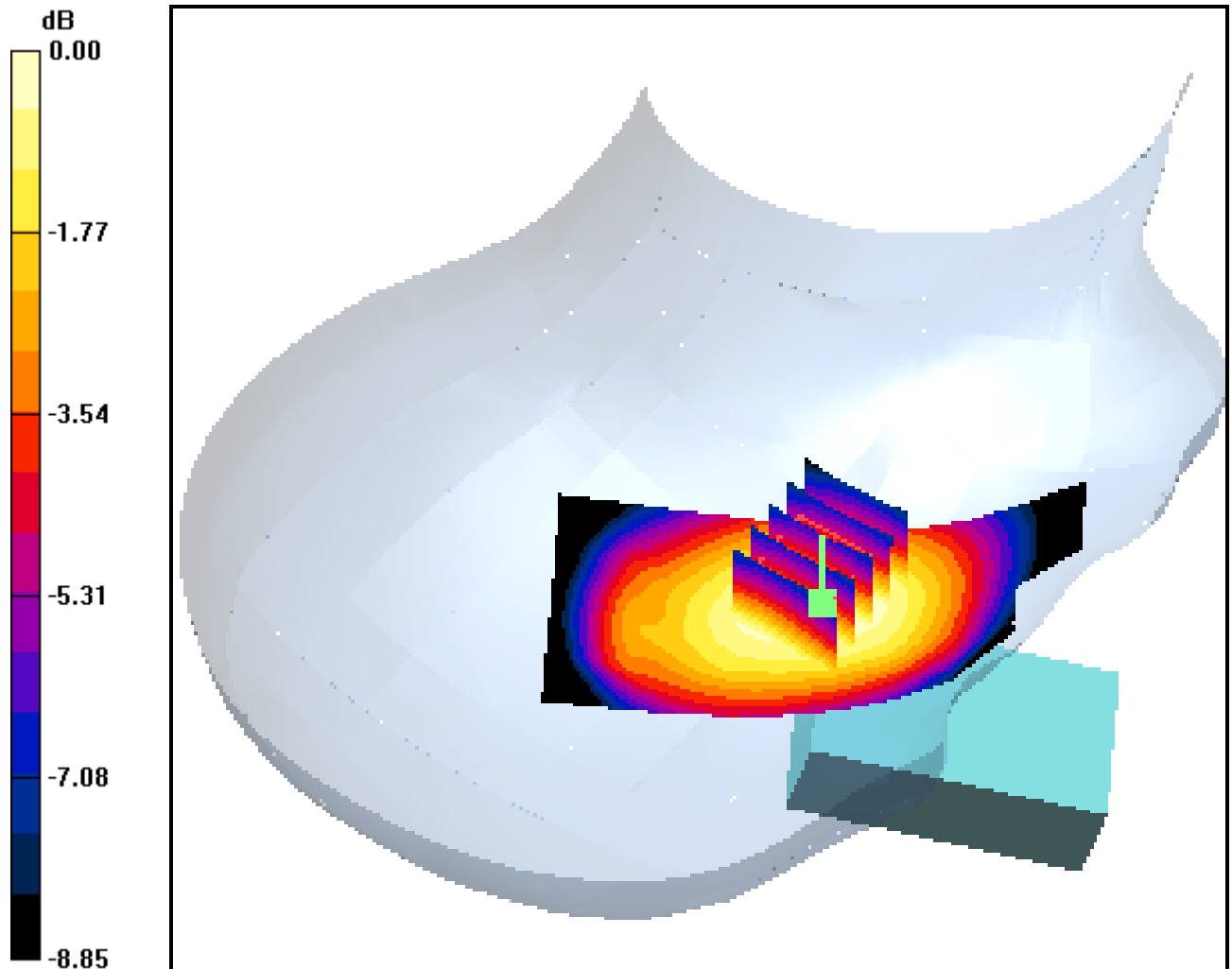
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.248 mW/g



0 dB = 0.350mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.89 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY4 Configuration:

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

Date: 2005-07-28 ; Ambient Temp: 21.7; Tissue Temp: 21.0

Right Tilt, GSM850 Ch.251, Ant Fixed, Slim Battery

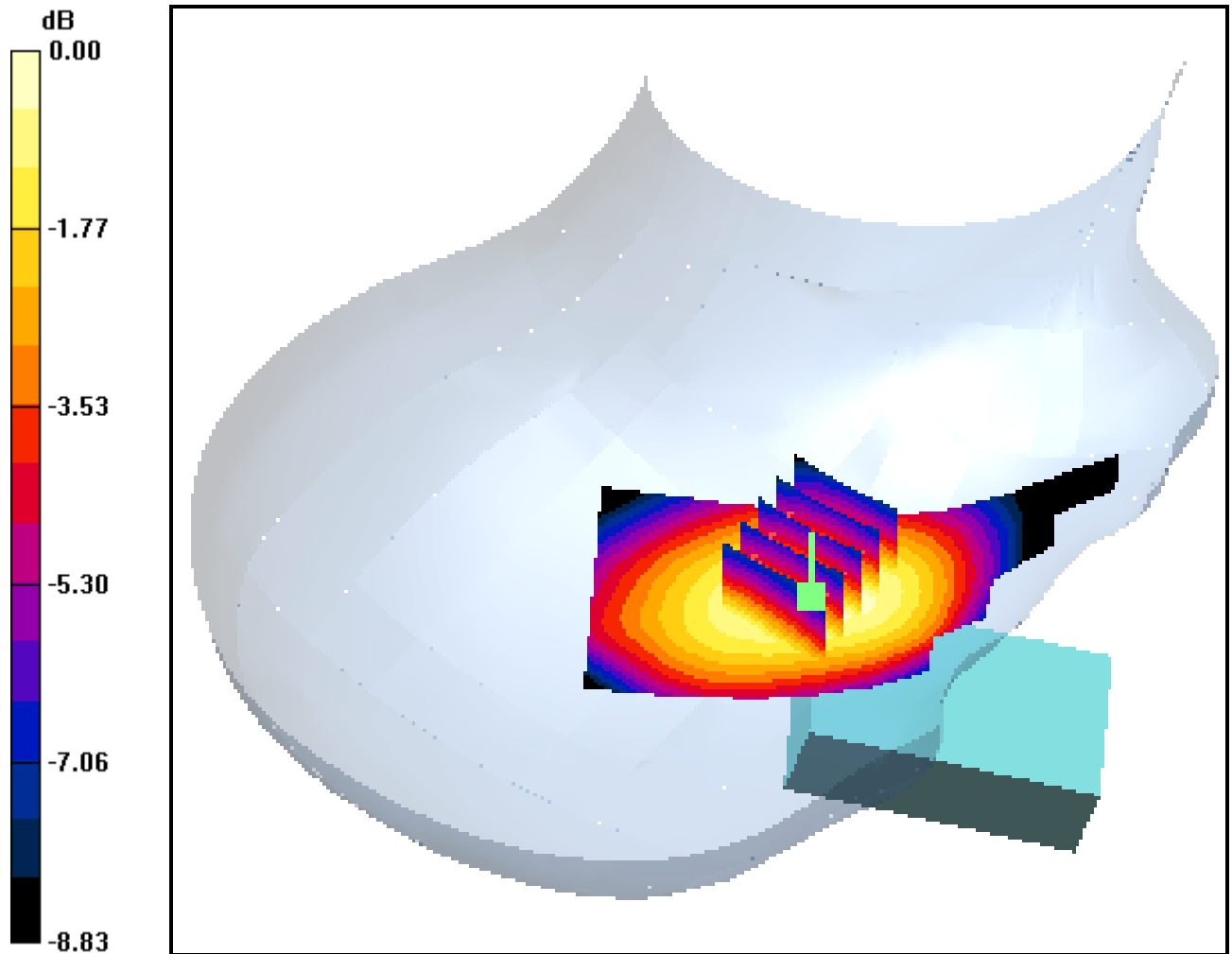
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.136 mW/g



0 dB = 0.194mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

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

Test Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

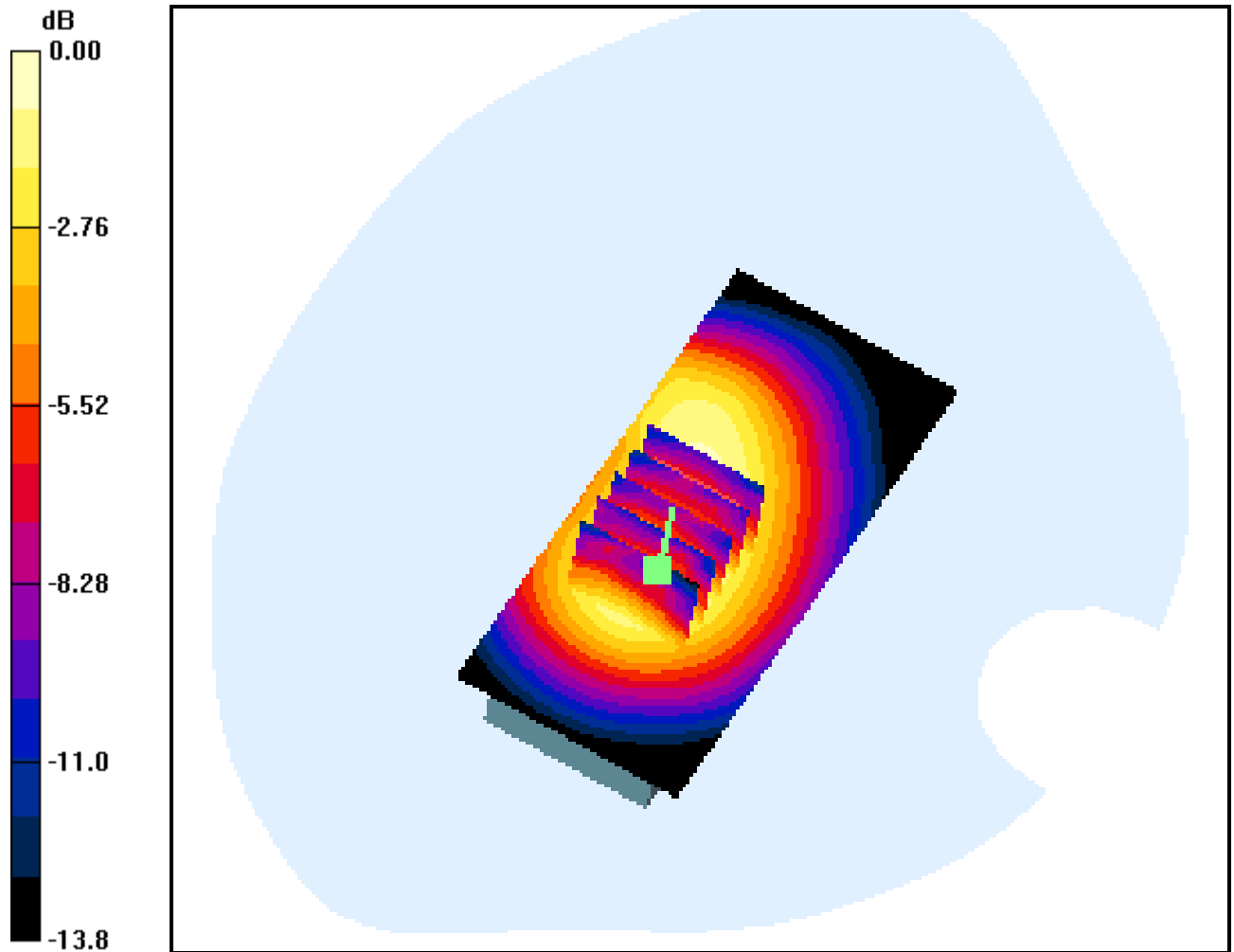
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.148 dB

Peak SAR (extrapolated) = 0.501 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.225 mW/g



0 dB = 0.360mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

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

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

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

Test Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

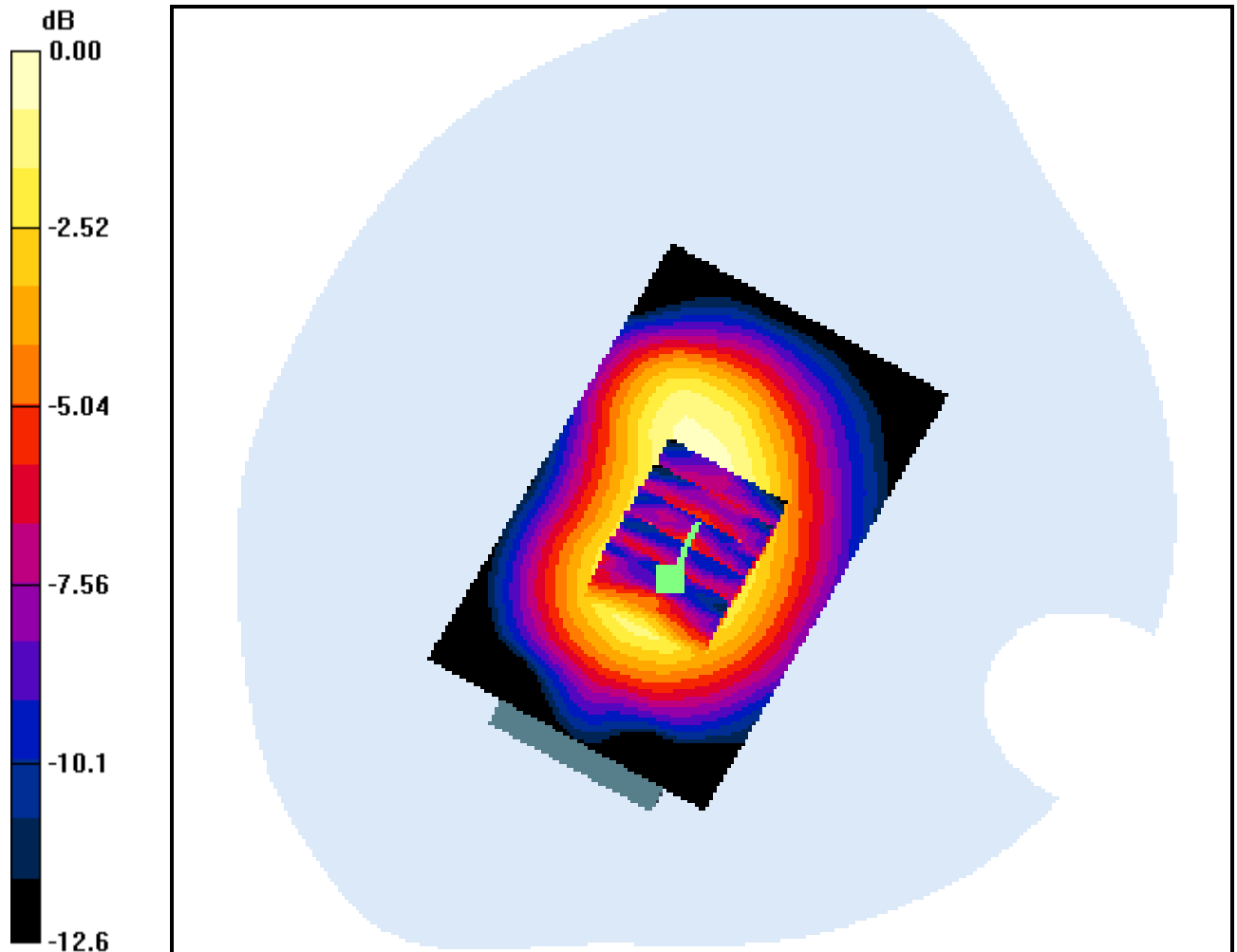
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.125 mW/g



0 dB = 0.199mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

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

Test Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

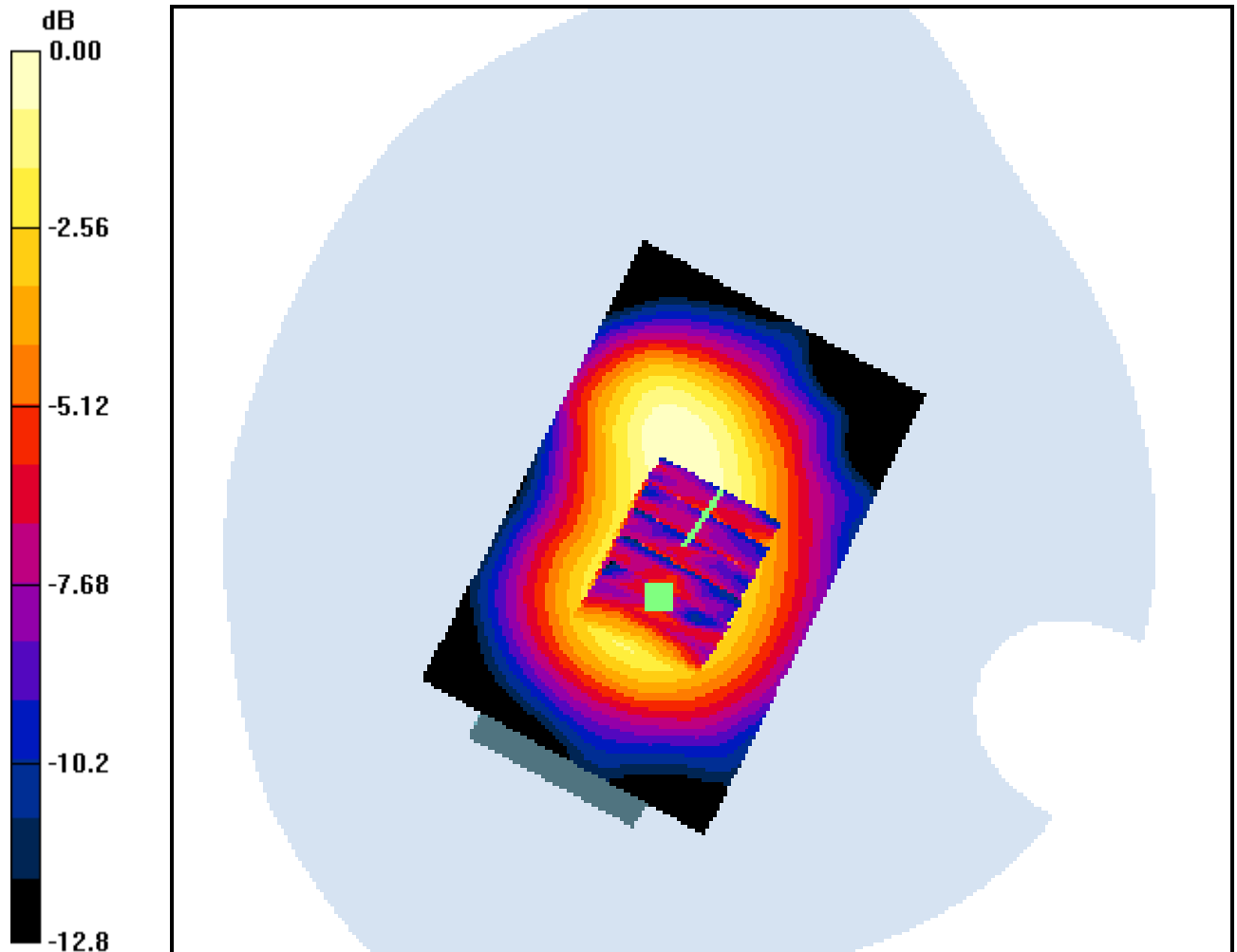
Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.093 mW/g



0 dB = 0.147mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.48 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

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

Test Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

1.5cm from Body, PCS Ch.512, Ant Fixed, Slim Battery

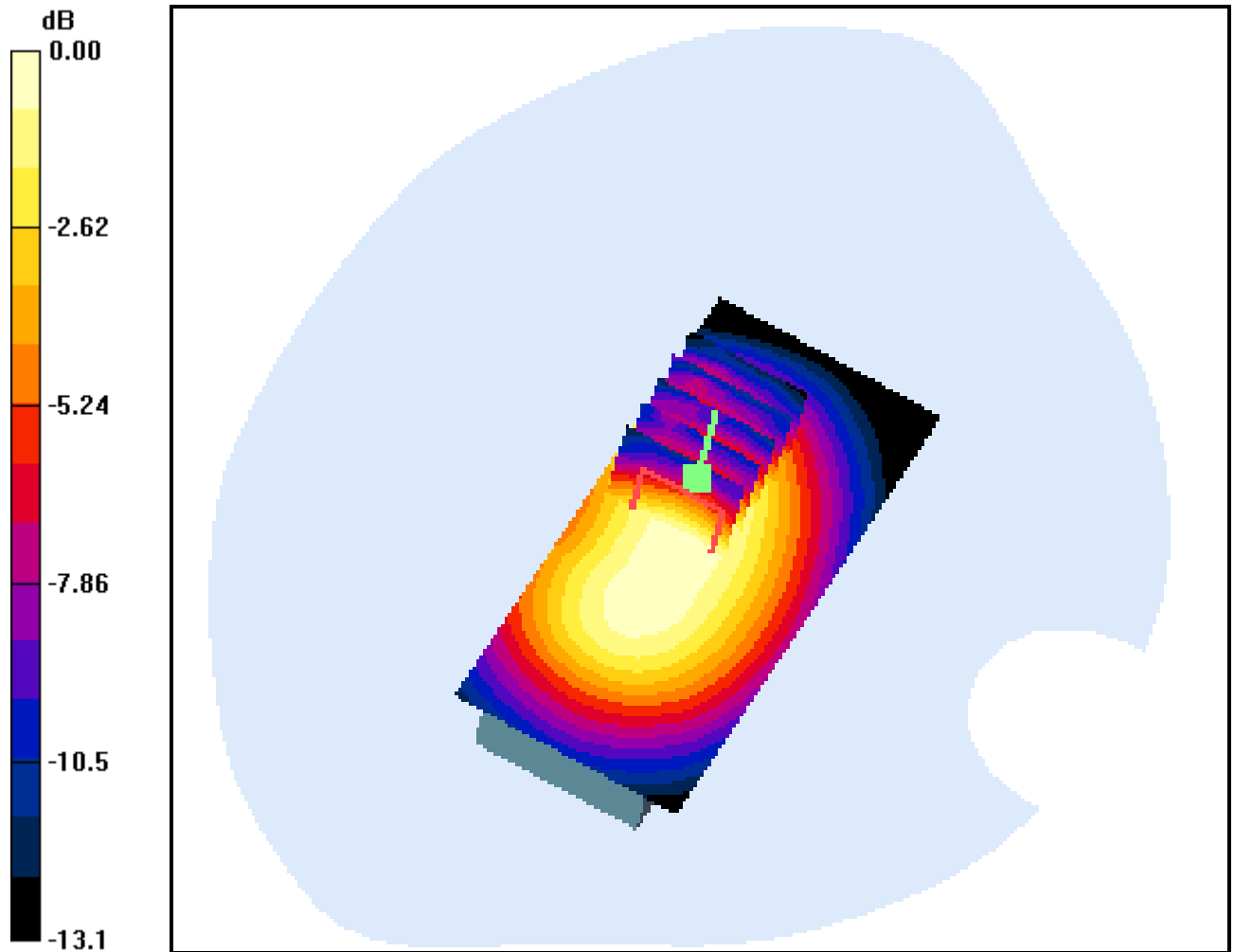
Area Scan (41x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.179 mW/g



0 dB = 0.295mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

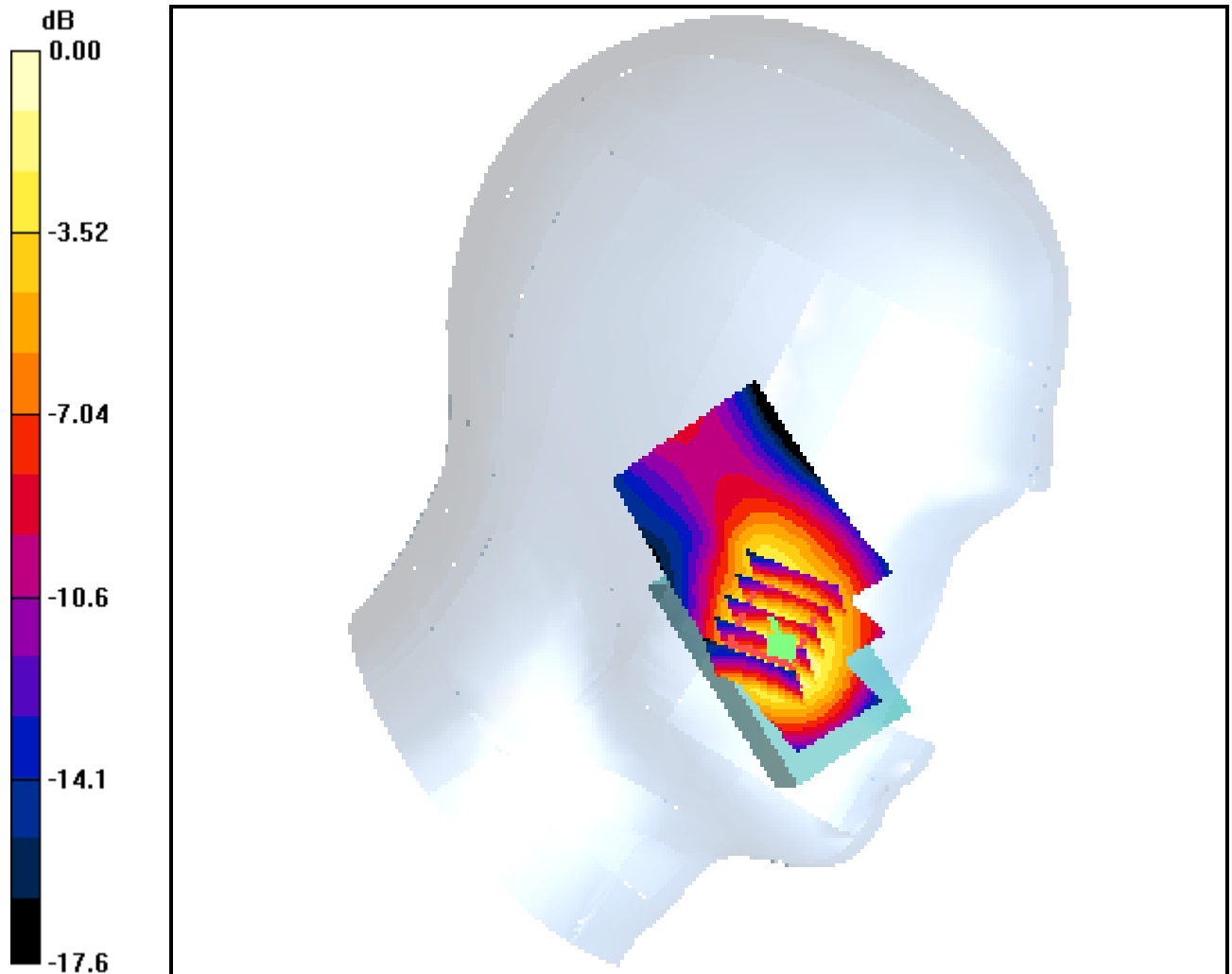
Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.709 mW/g



0 dB = 1.22mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

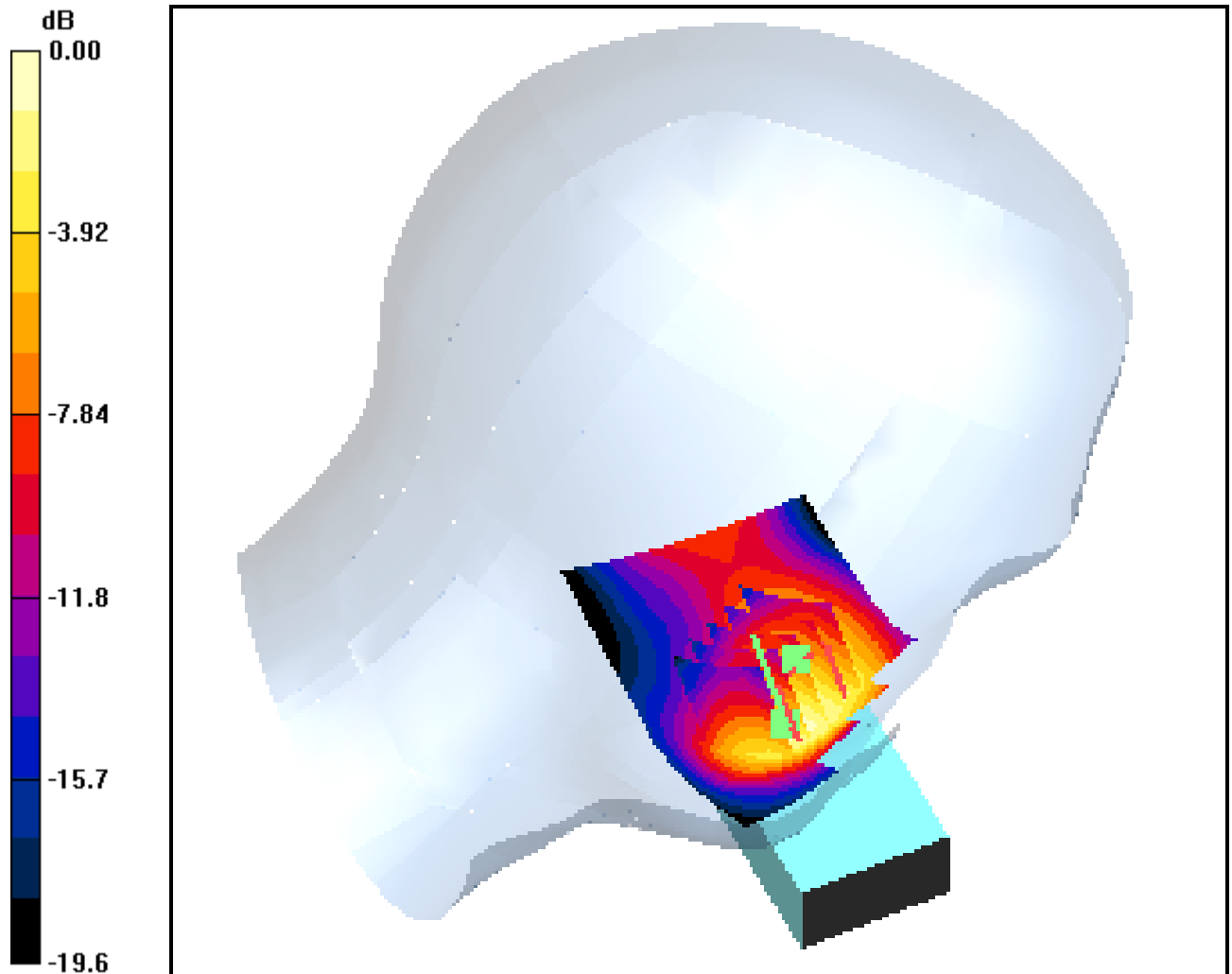
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.453 mW/g



0 dB = 0.760mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

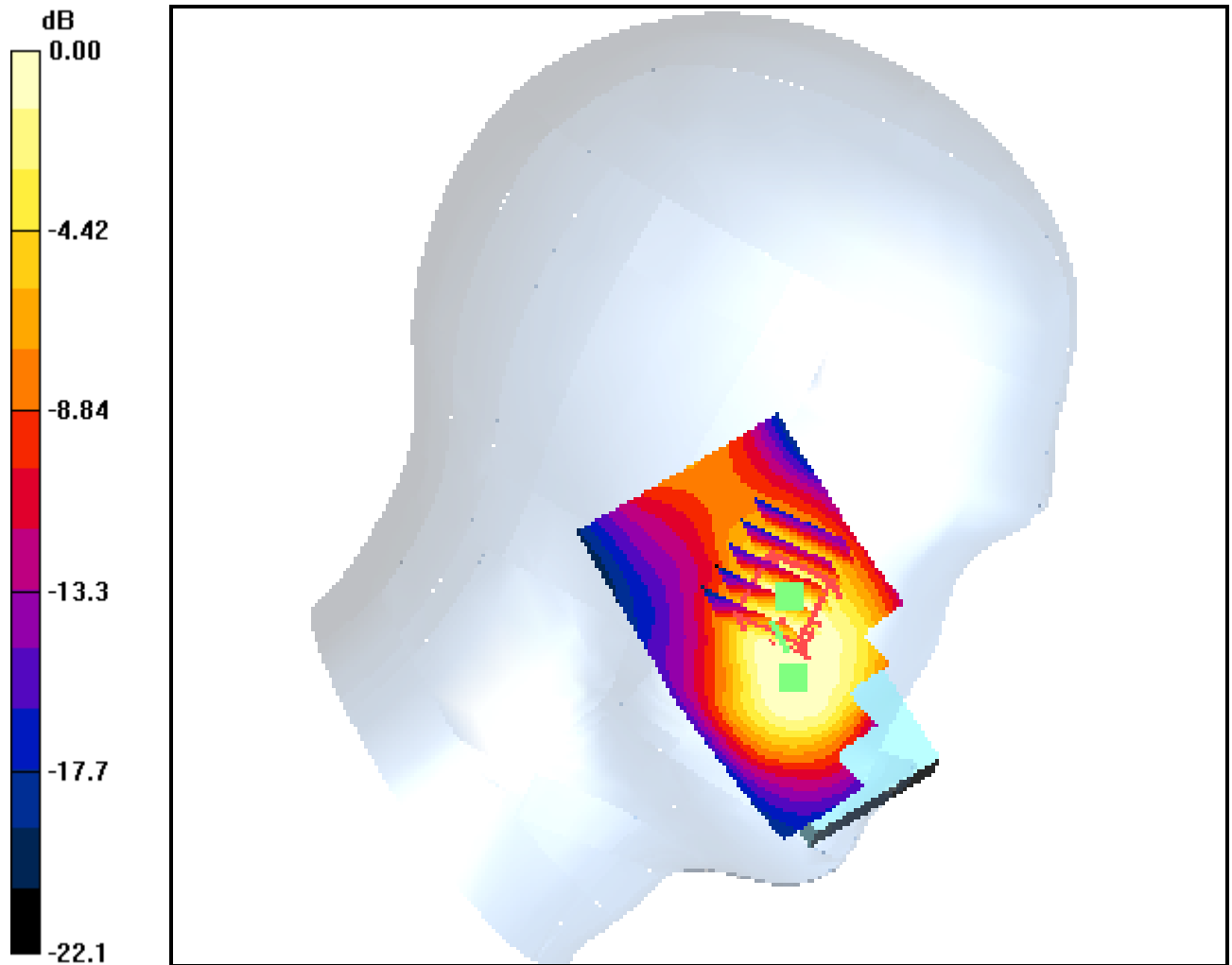
Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.166 dB

Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.553 mW/g; SAR(10 g) = 0.338 mW/g



0 dB = 0.645mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

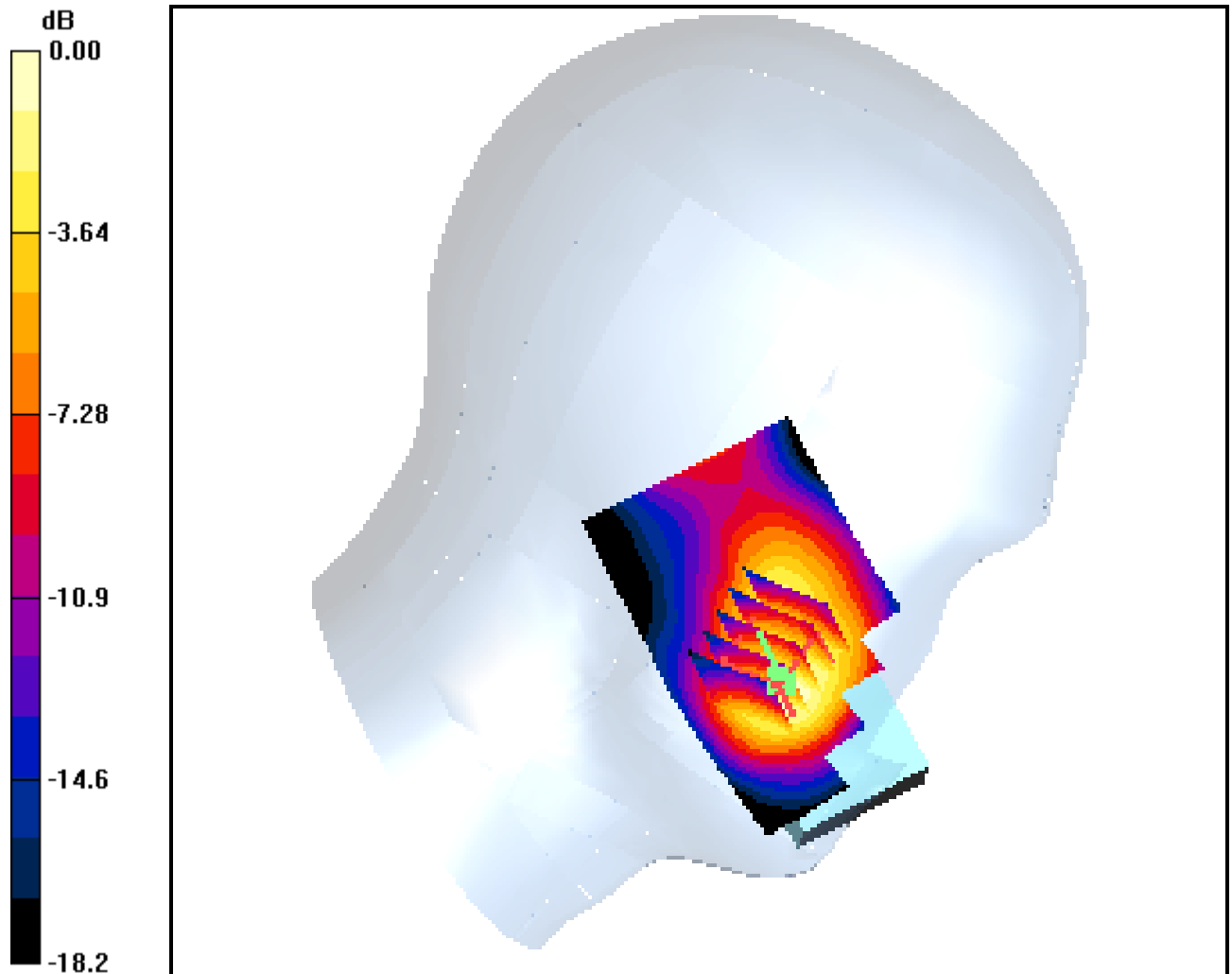
Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.969 W/kg

SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.418 mW/g



0 dB = 0.714mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

Left Touch , PCS Ch.512, Ant Fixed, Slim Battery

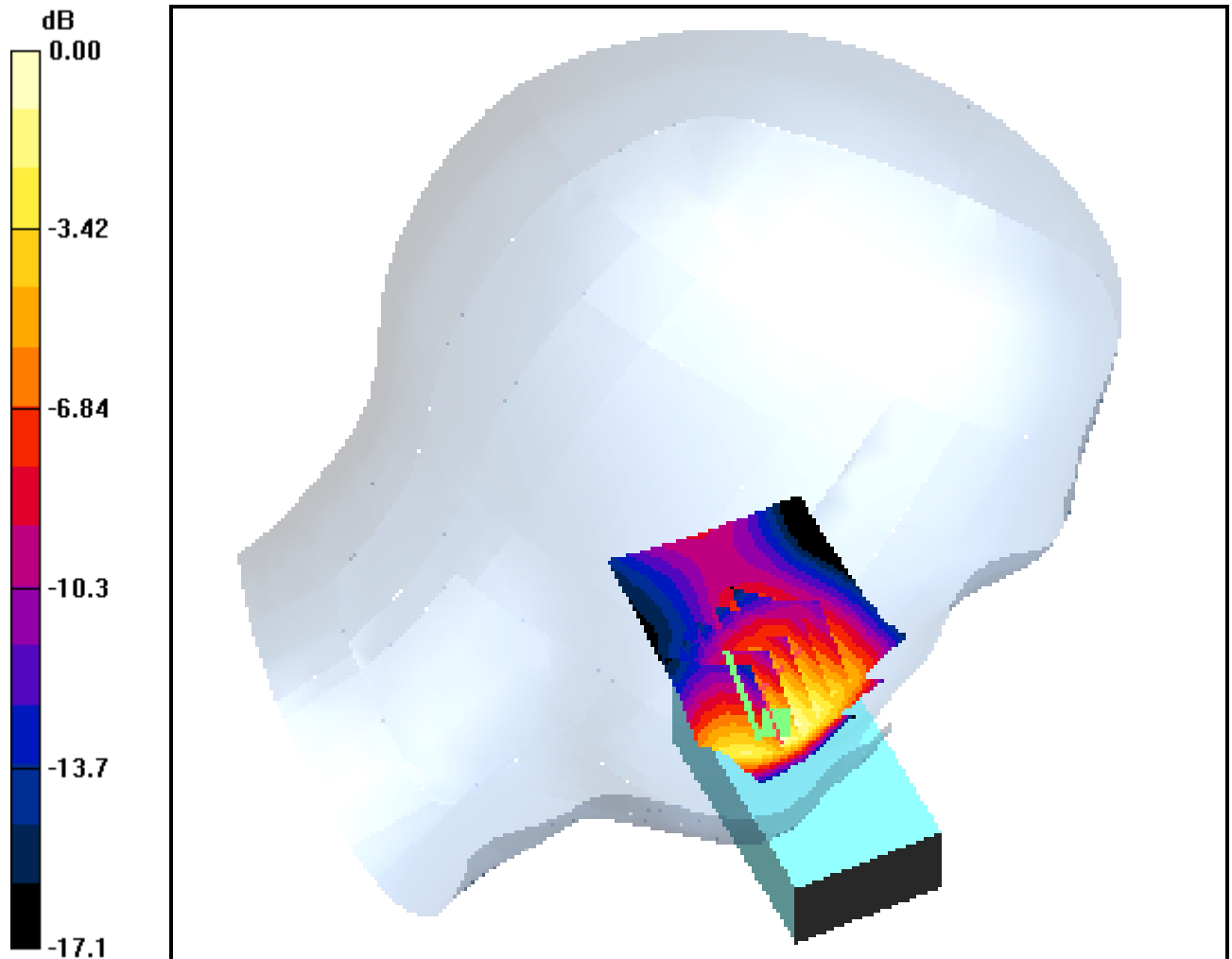
Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.177 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.882 mW/g



0 dB = 1.41mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

Left Tilt, PCS Ch.512, Ant Fixed, Standard Battery

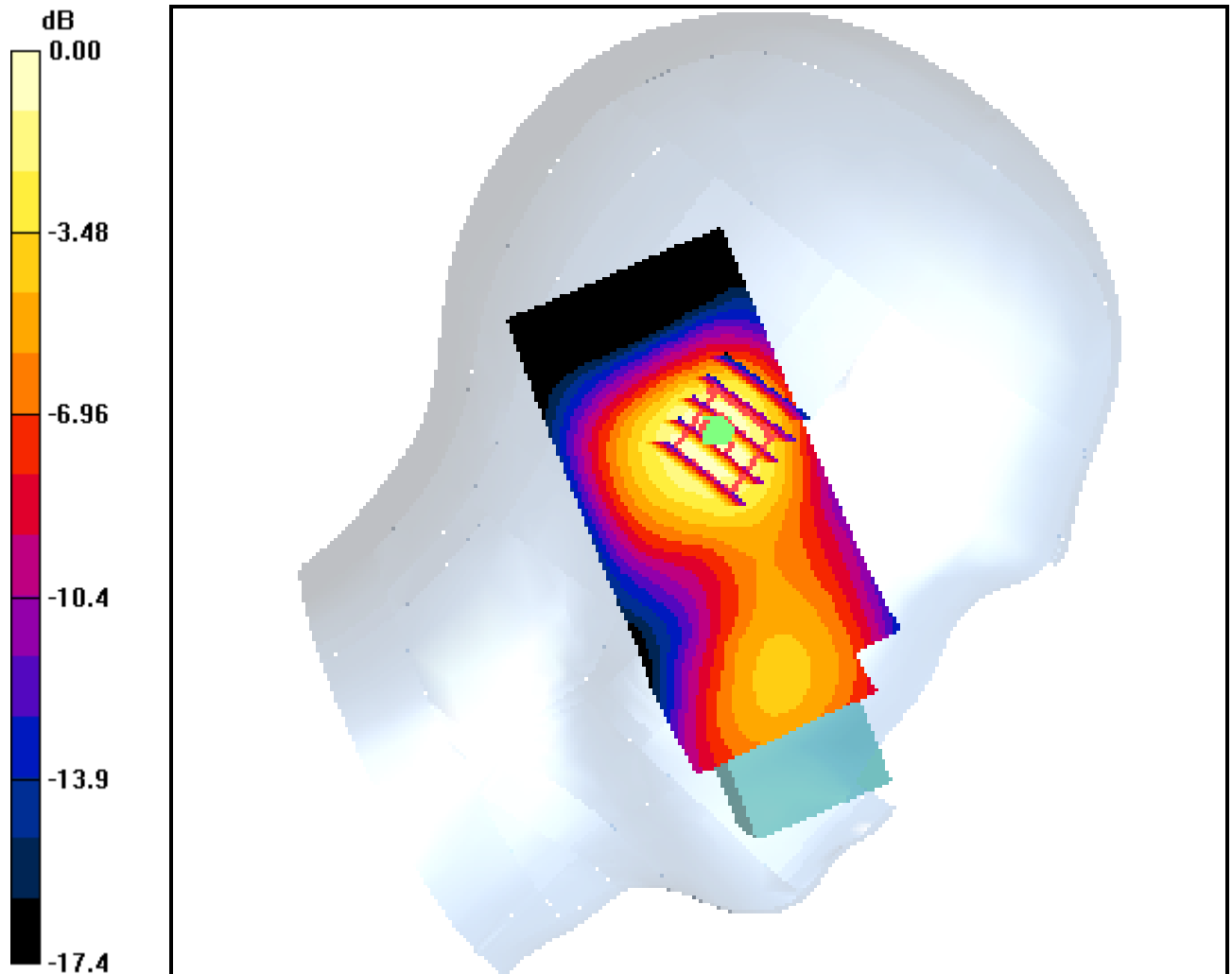
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.198 mW/g



0 dB = 0.343mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

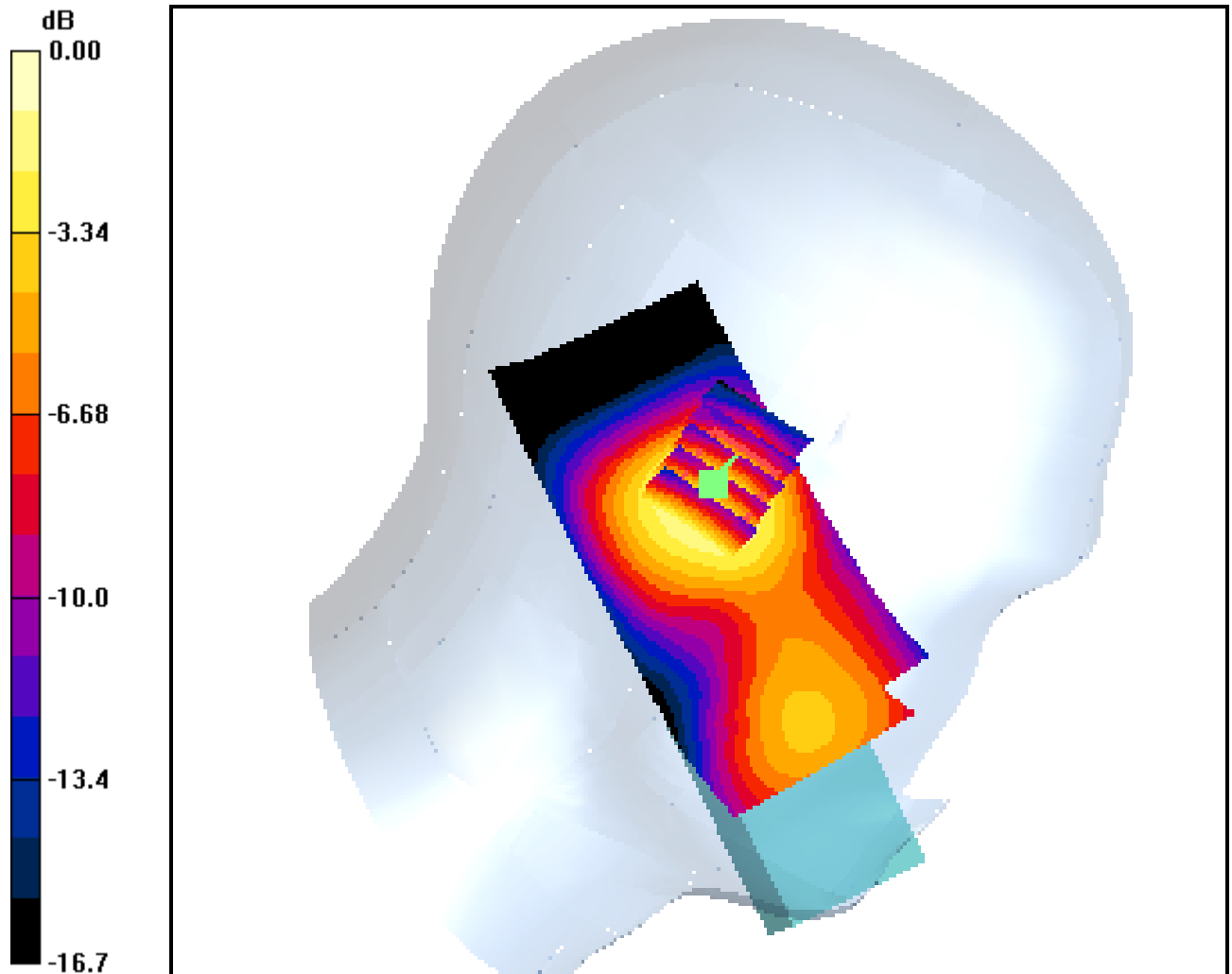
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.288 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.127 mW/g



0 dB = 0.217mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

Left Tilt, PCS Ch.810, Ant Fixed, Standard Battery

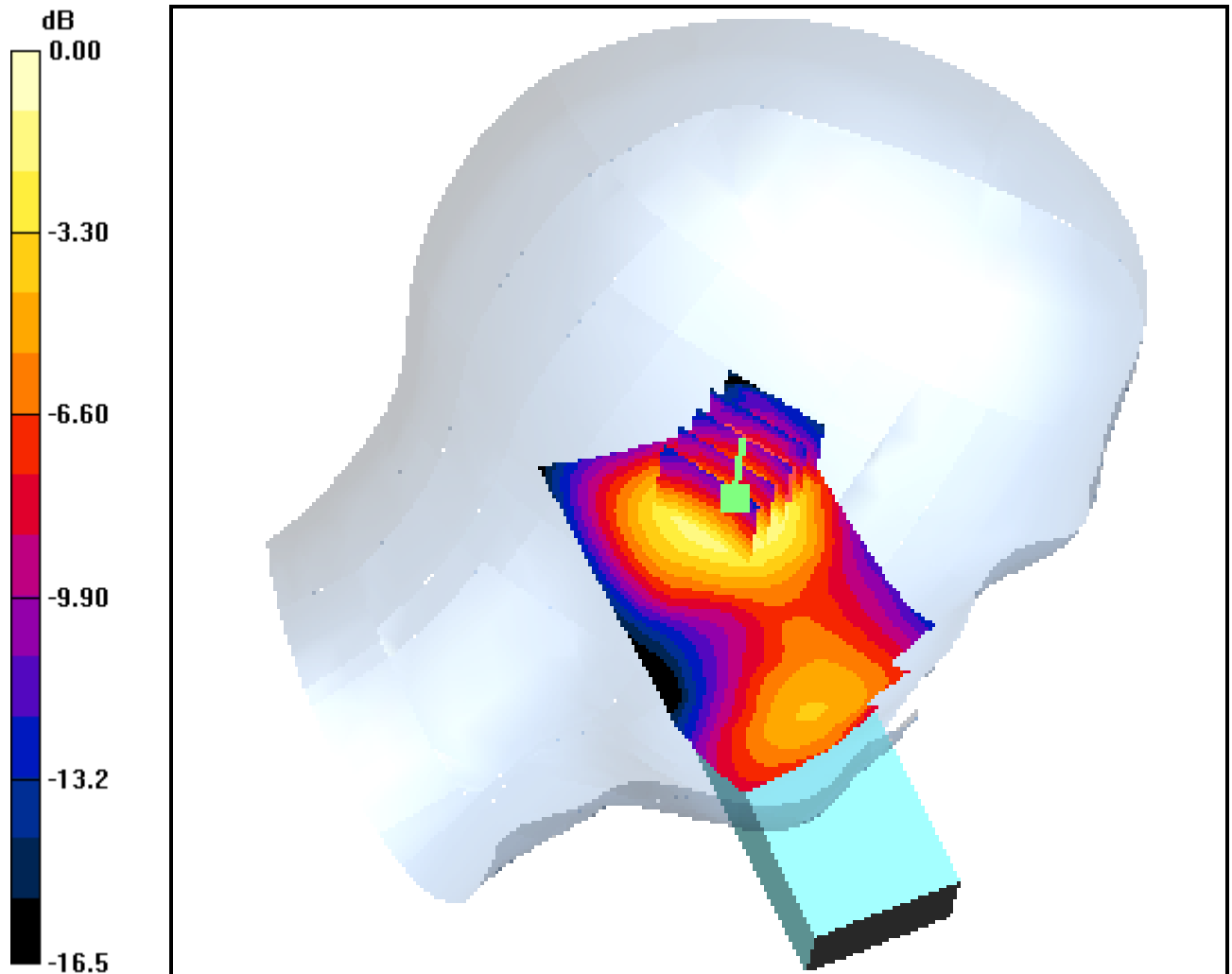
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.098 mW/g



0 dB = 0.173mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

Left Tilt, PCS Ch.512, Ant Fixed, Slim Battery

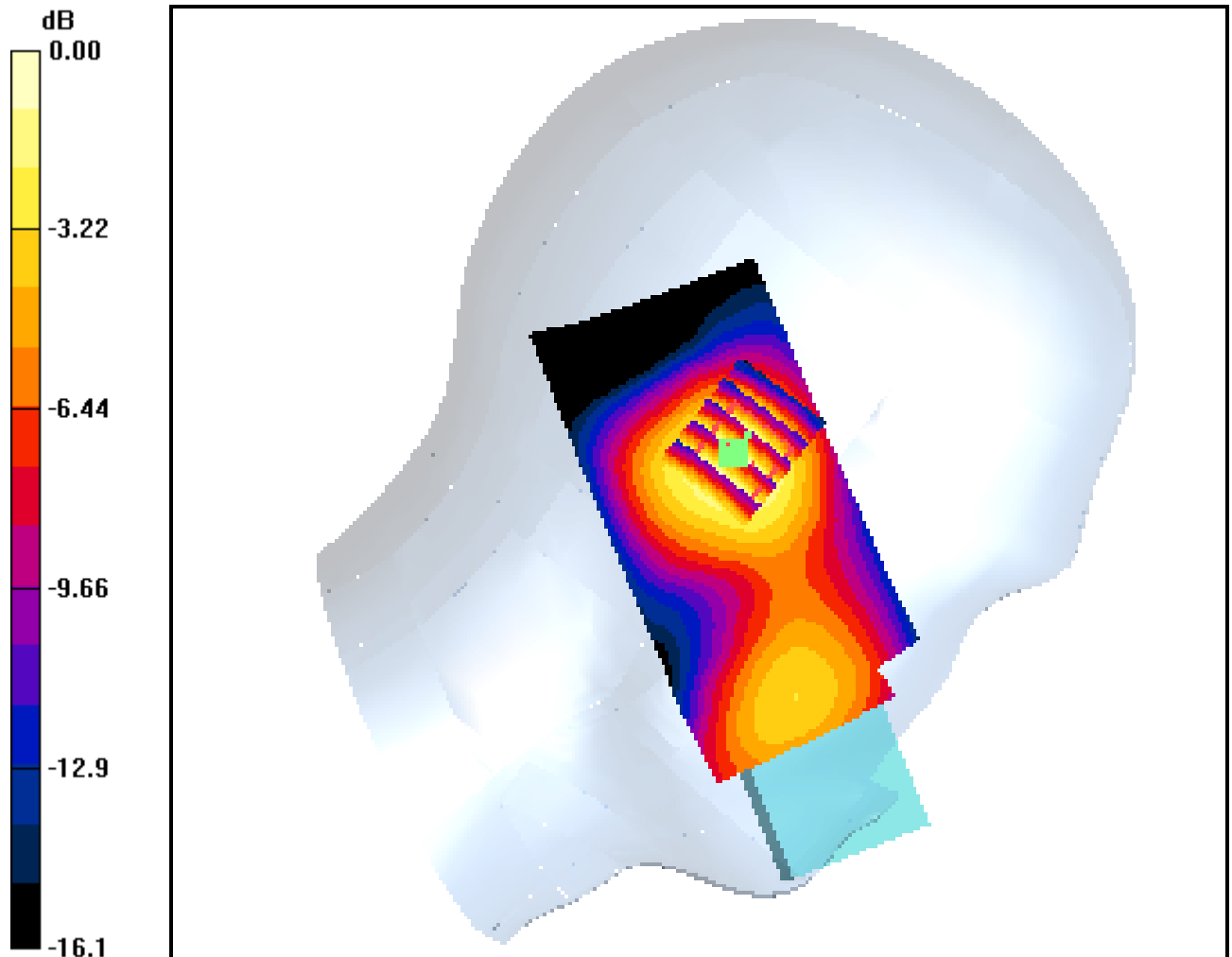
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.156 mW/g



0 dB = 0.267mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

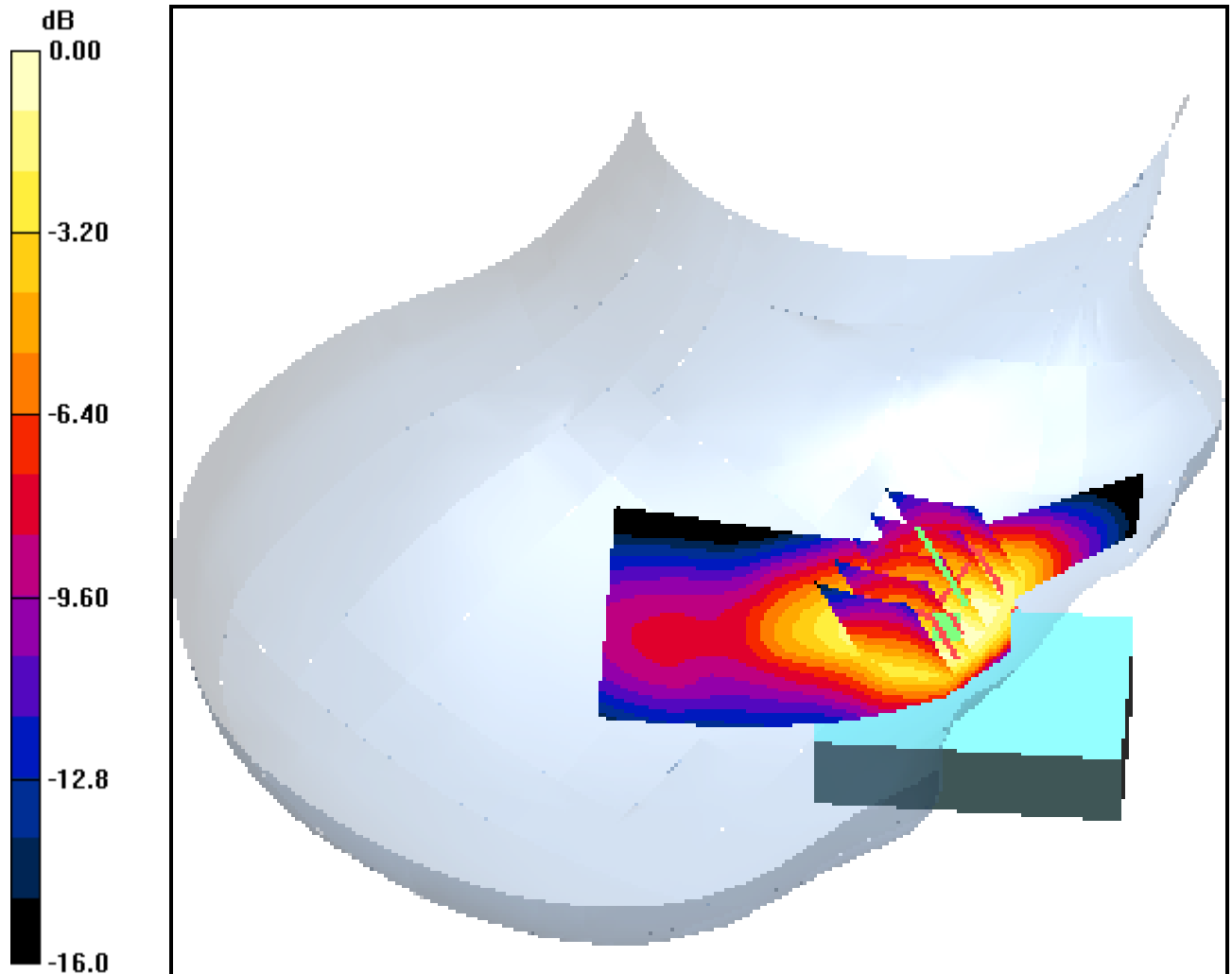
Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.800 mW/g



0 dB = 1.22mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

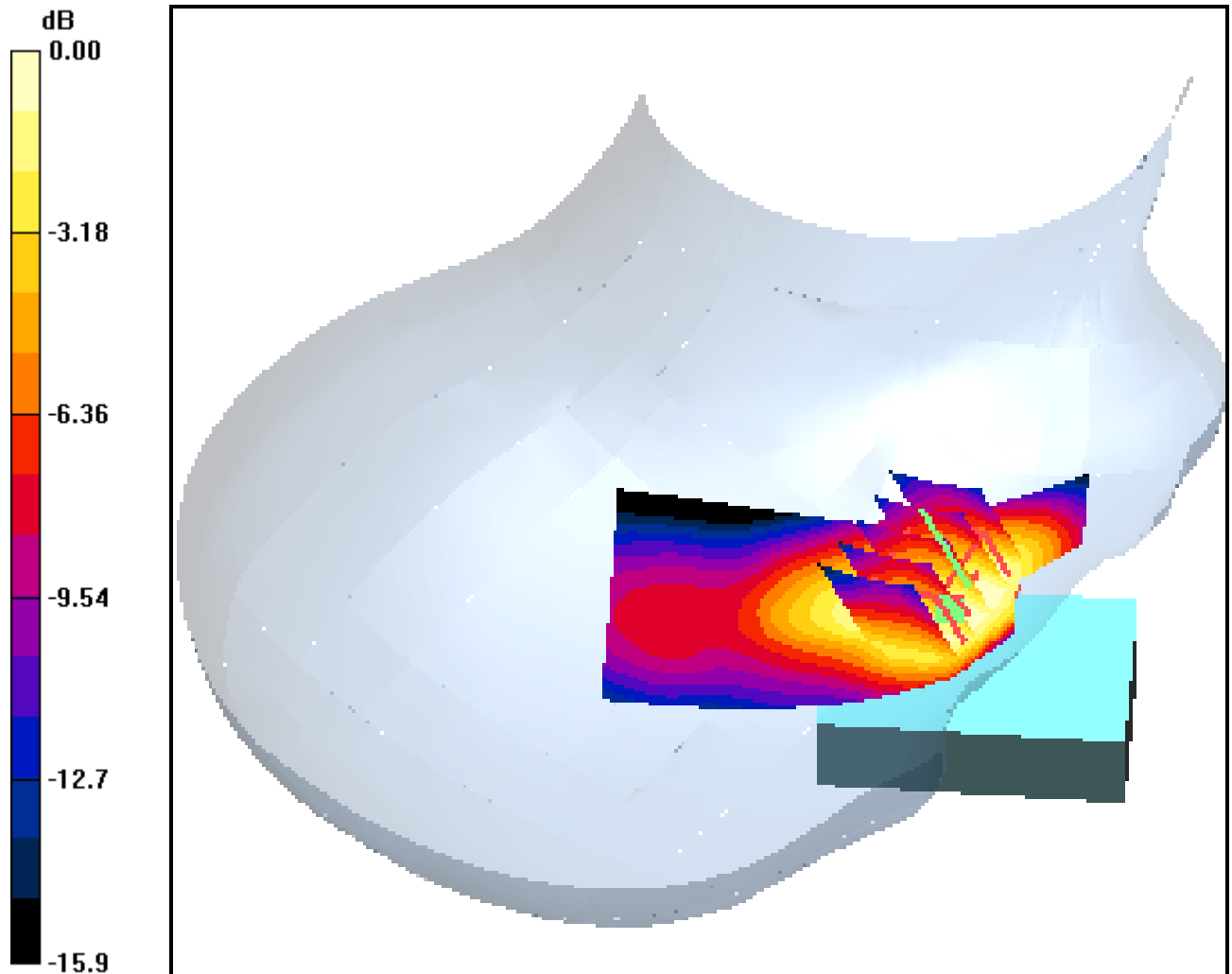
Area Scan (41x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.202 dB

Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.494 mW/g



0 dB = 0.755mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

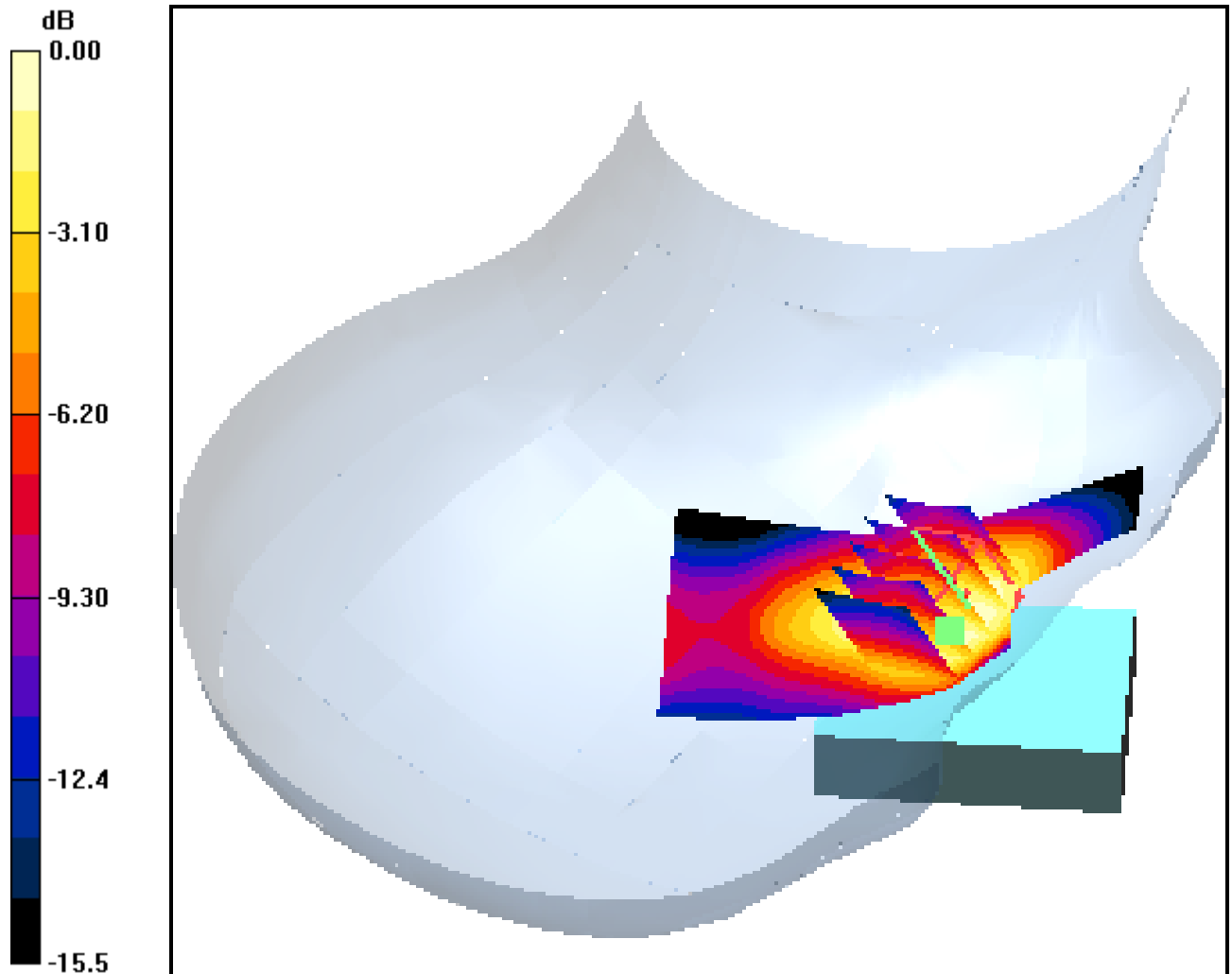
Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.531 mW/g; SAR(10 g) = 0.360 mW/g



0 dB = 0.570mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

Right Touch, PCS Ch.512, Ant Fixed, Slim Battery

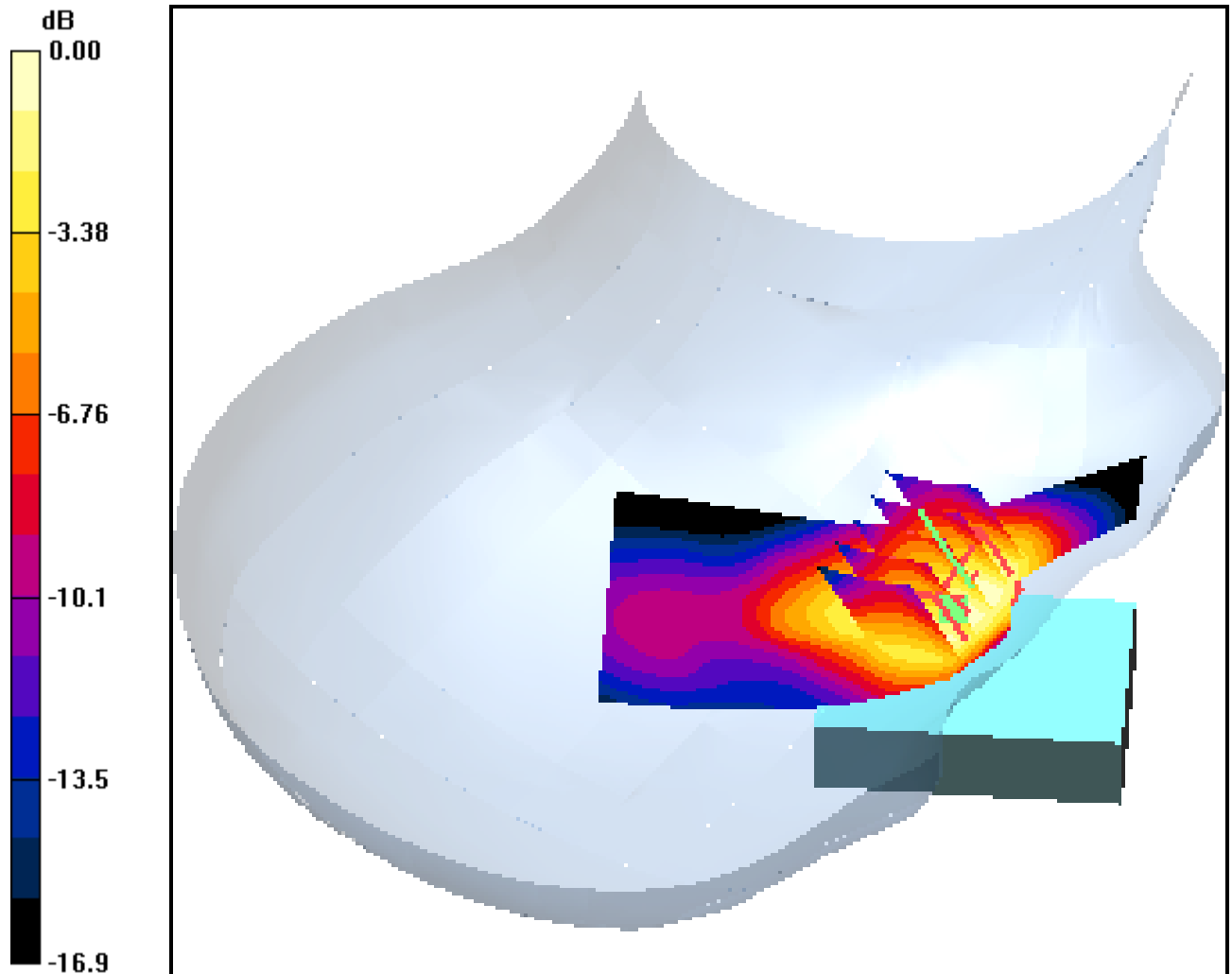
Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.261 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.534 mW/g



0 dB = 0.827mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

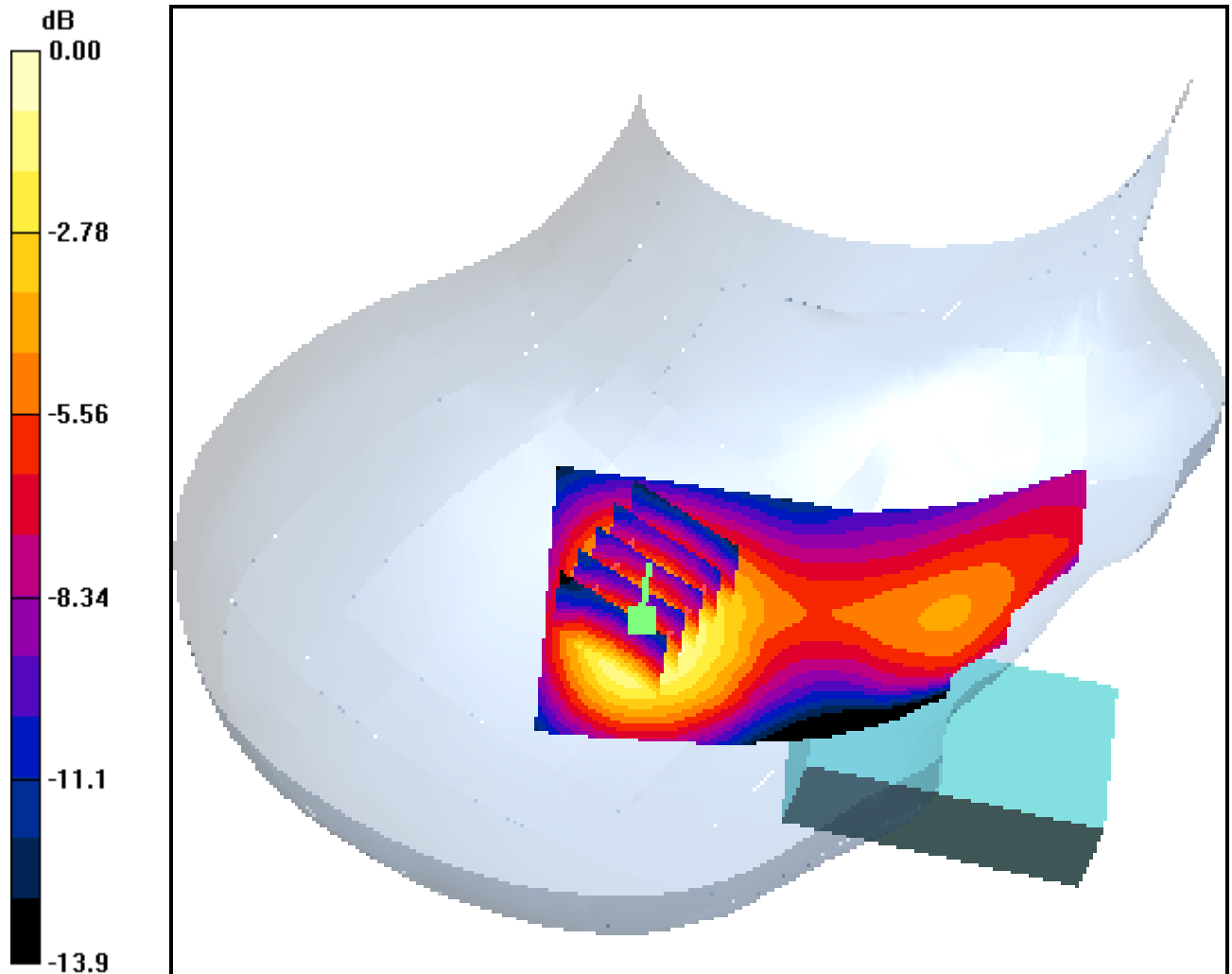
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.184 mW/g



0 dB = 0.305mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

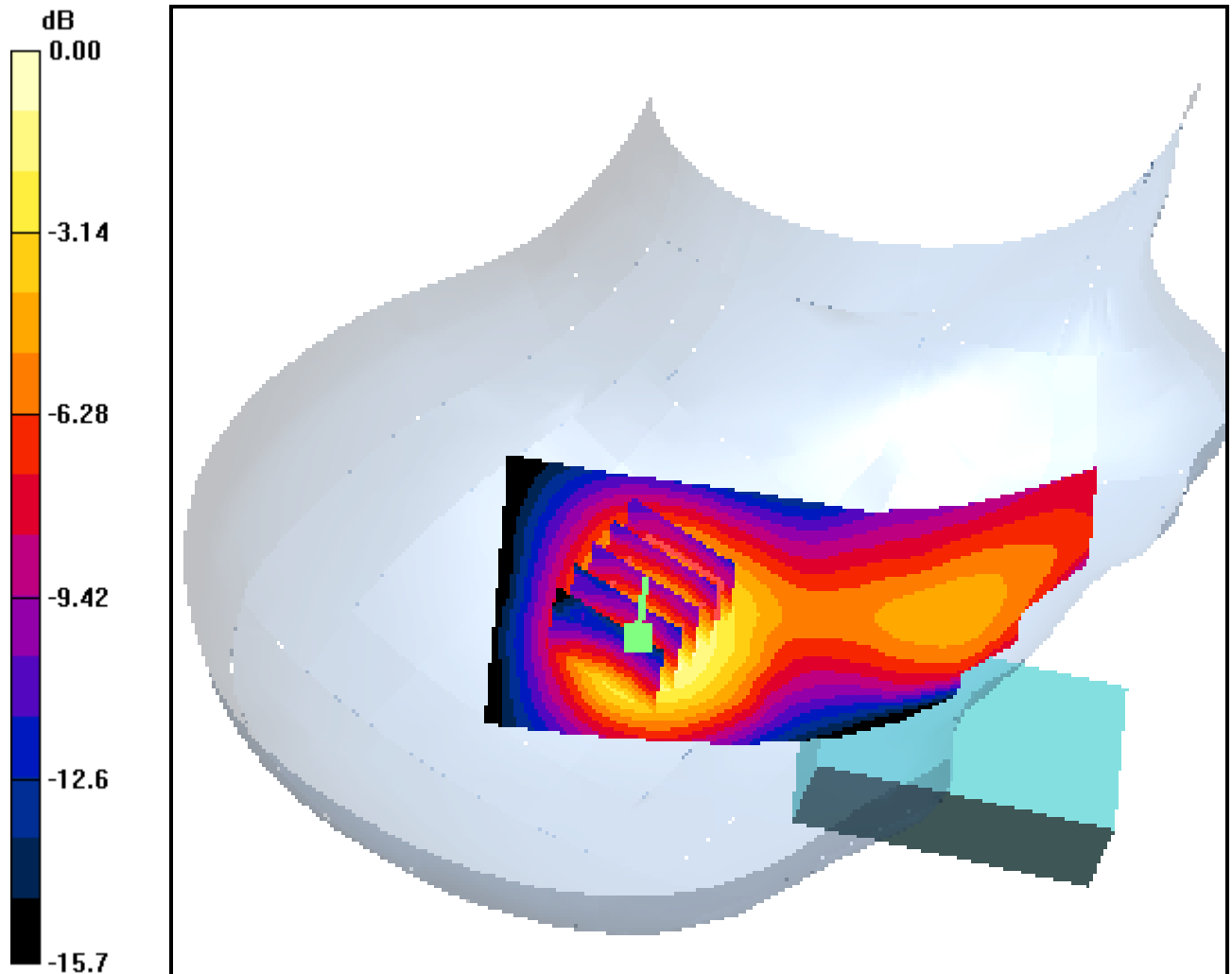
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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) = 0.295 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.137 mW/g



0 dB = 0.230mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

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

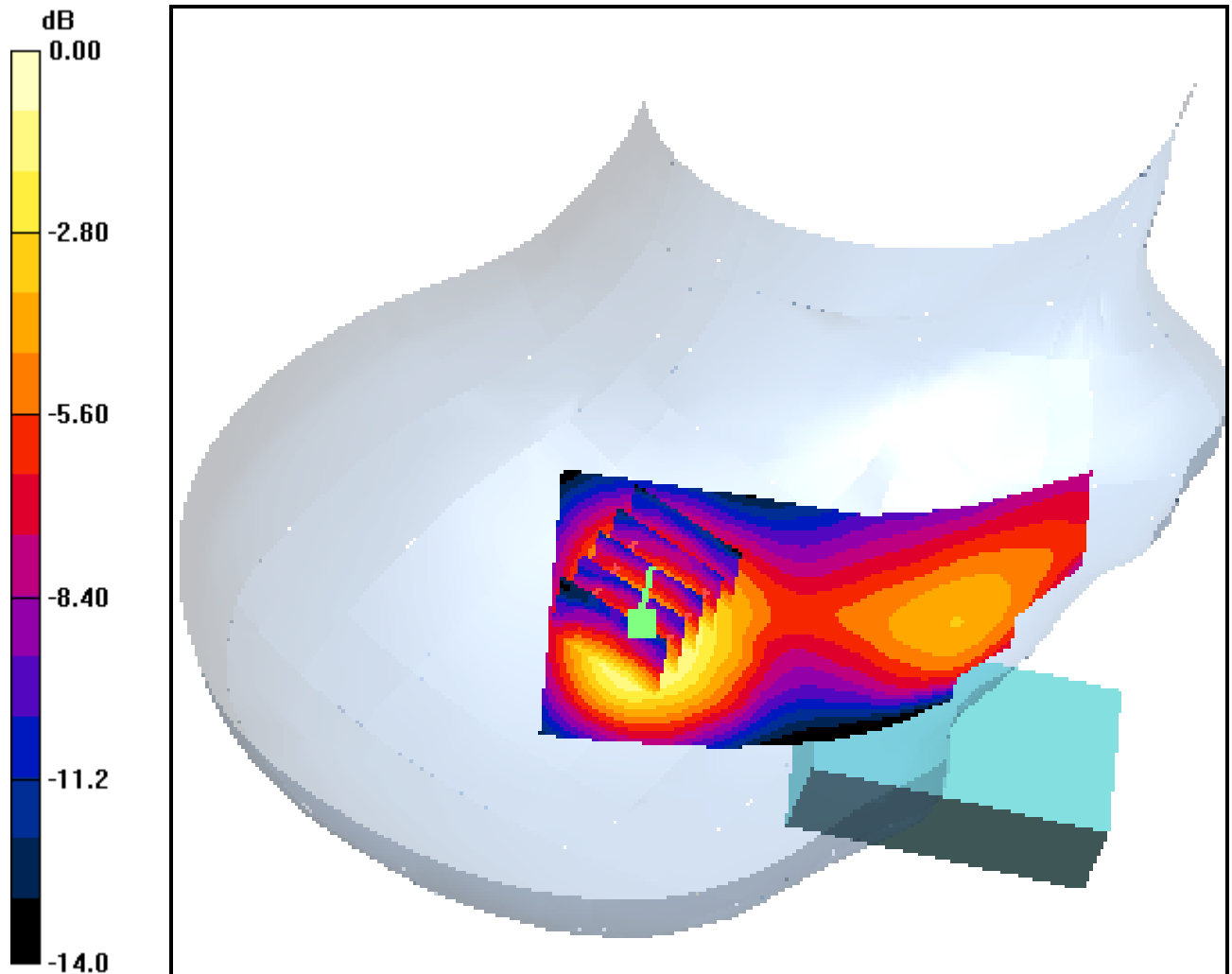
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.101 mW/g



0 dB = 0.170mW/g

DIGITAL EMC CO., LTD

DUT: VK1000; Type: Folder Type

Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

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

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

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

Date: 2005-07-27; Ambient Temp: 22.5; Tissue Temp: 22.0

Right Tilt, PCS Ch.512, Ant Fixed, Slim Battery

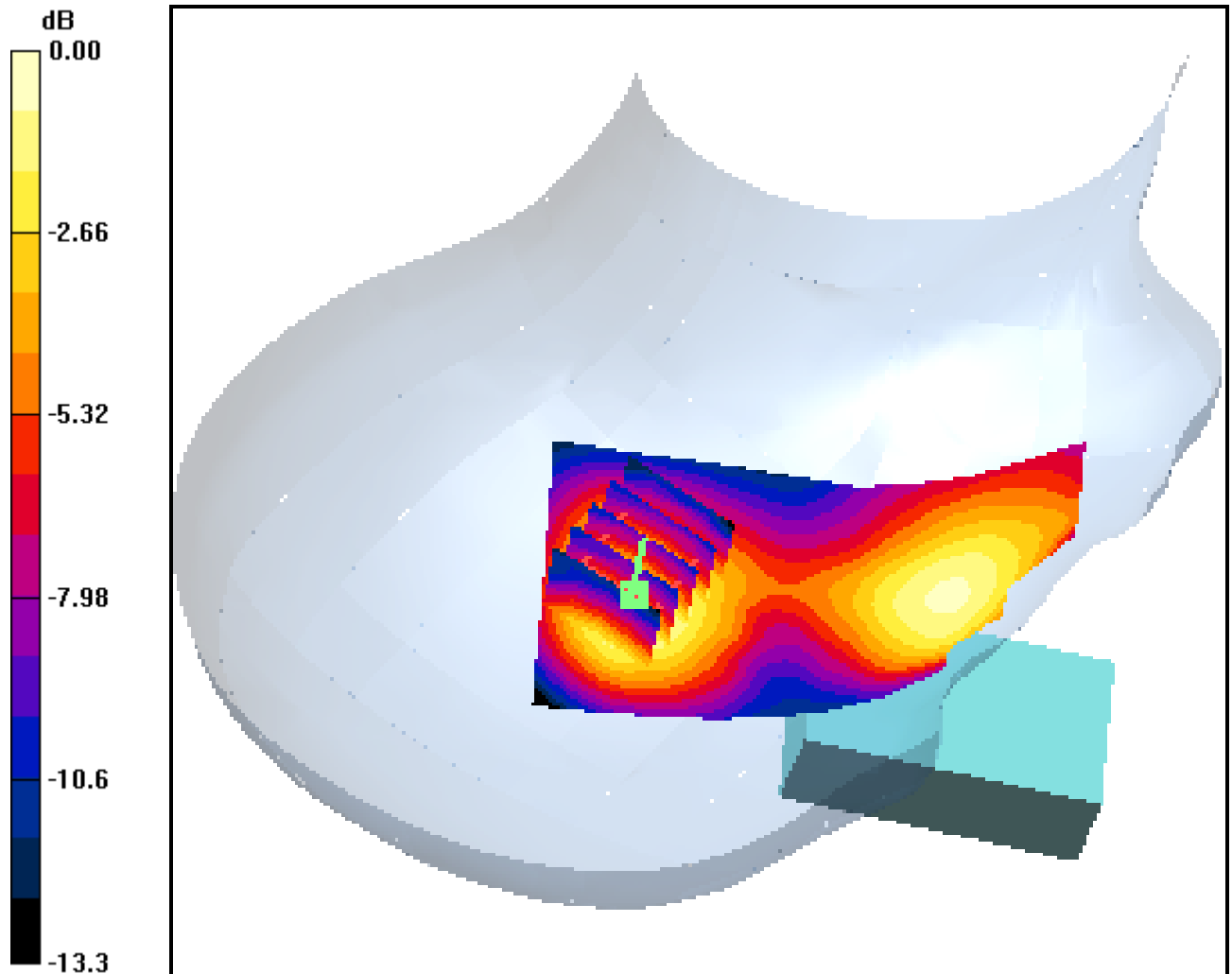
Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.077 mW/g



0 dB = 0.128mW/g