
ATTACHMENT : SAR TEST PLOTS

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Touch, CDMA Ch.1013, Ant Fixed, Standard Battery

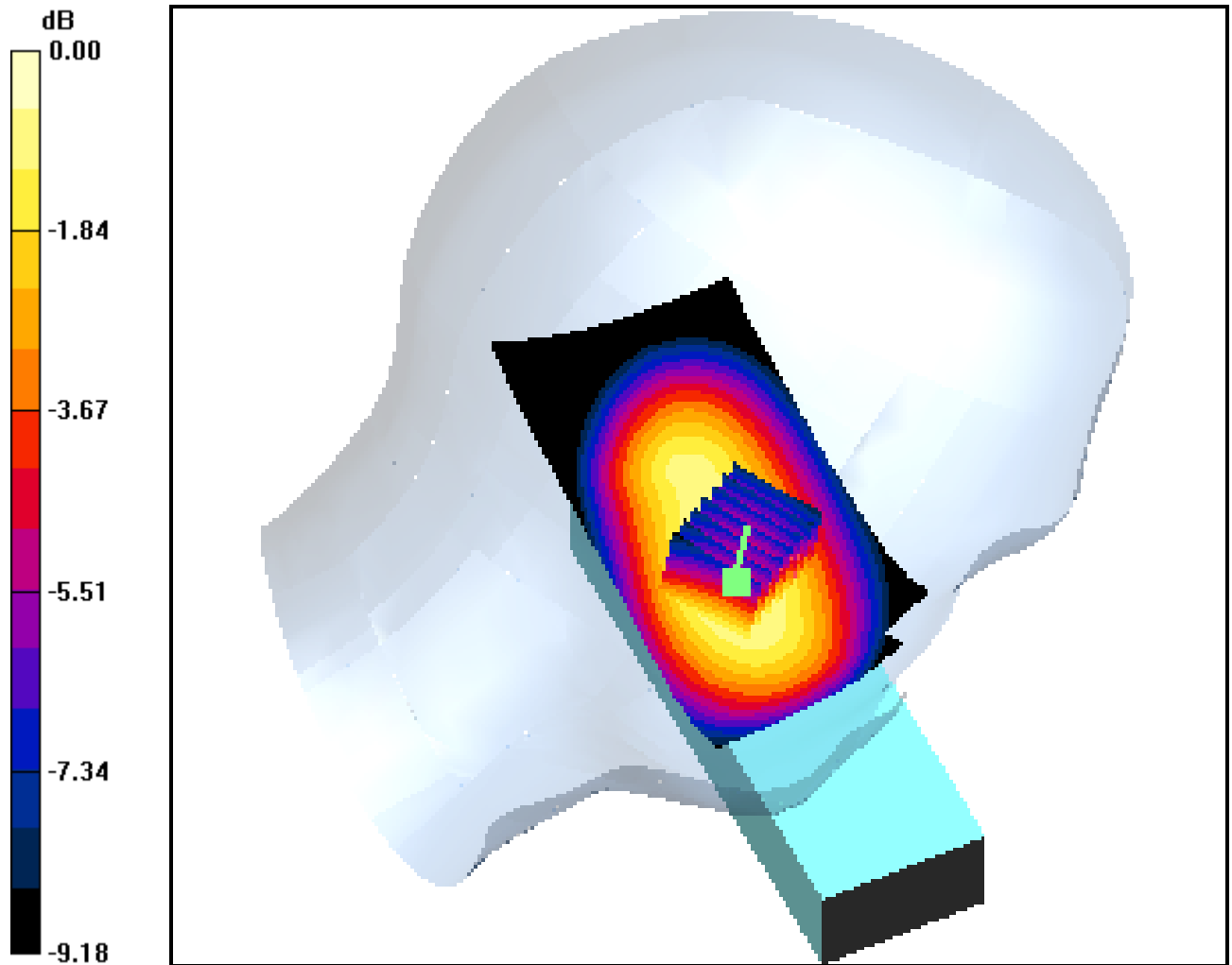
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.365 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.686 mW/g



0 dB = 1.02mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Touch, CDMA Ch.384, Ant Fixed, Standard Battery

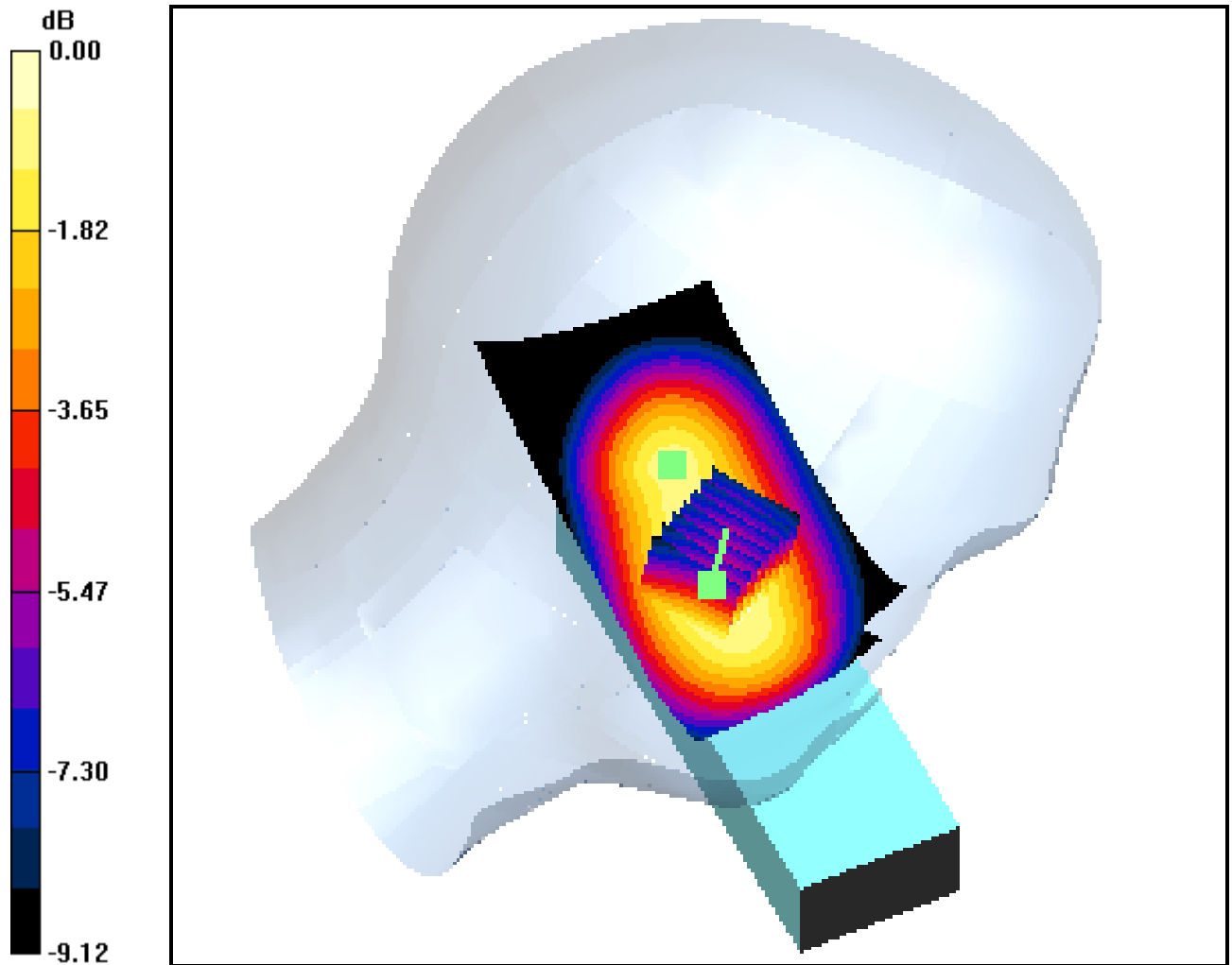
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.136 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.896 mW/g; SAR(10 g) = 0.636 mW/g



0 dB = 0.944mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Touch, CDMA Ch.384, Ant Fixed, Standard Battery

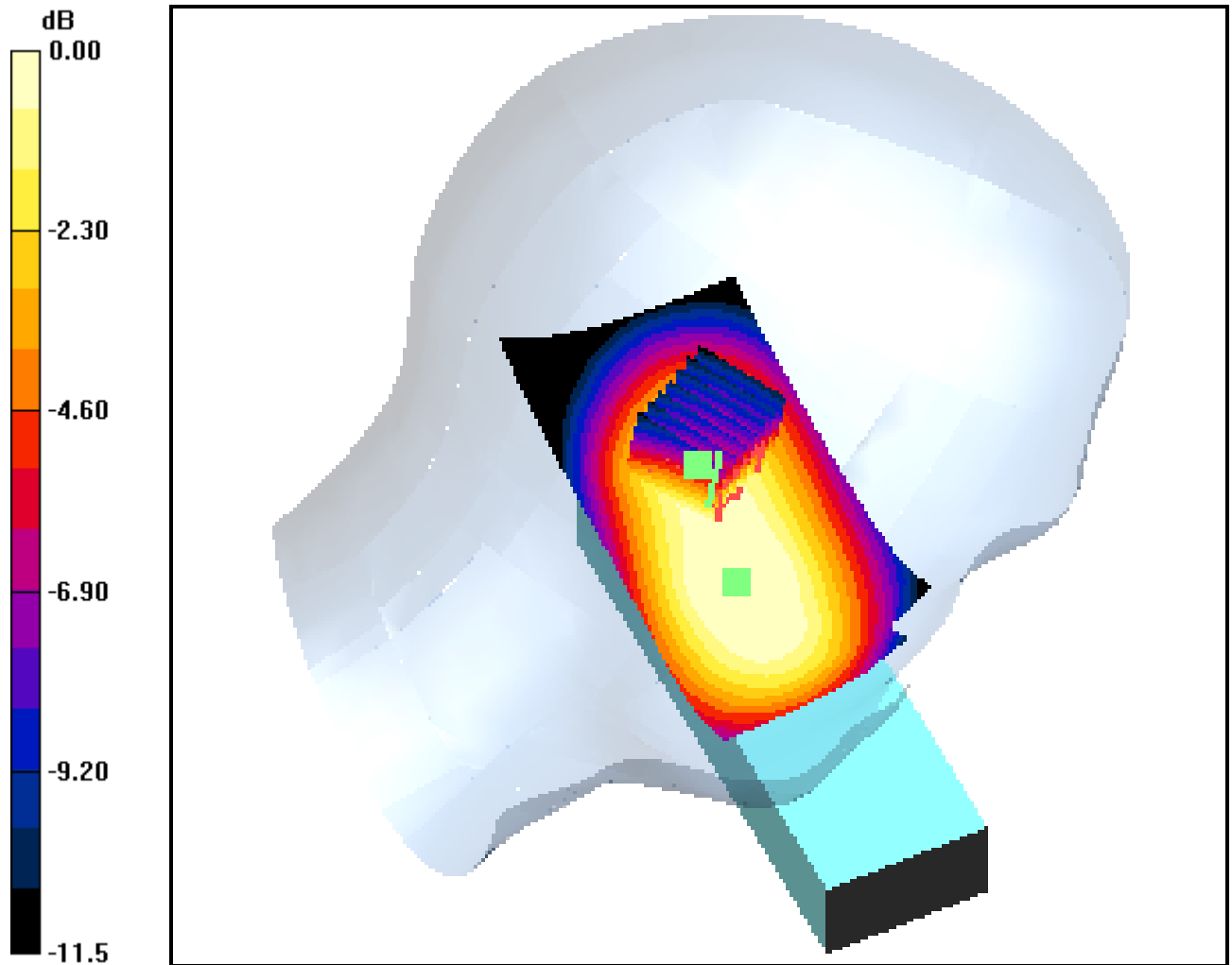
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.136 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.487 mW/g



0 dB = 0.781mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Touch, CDMA Ch.777, Ant Fixed, Standard Battery

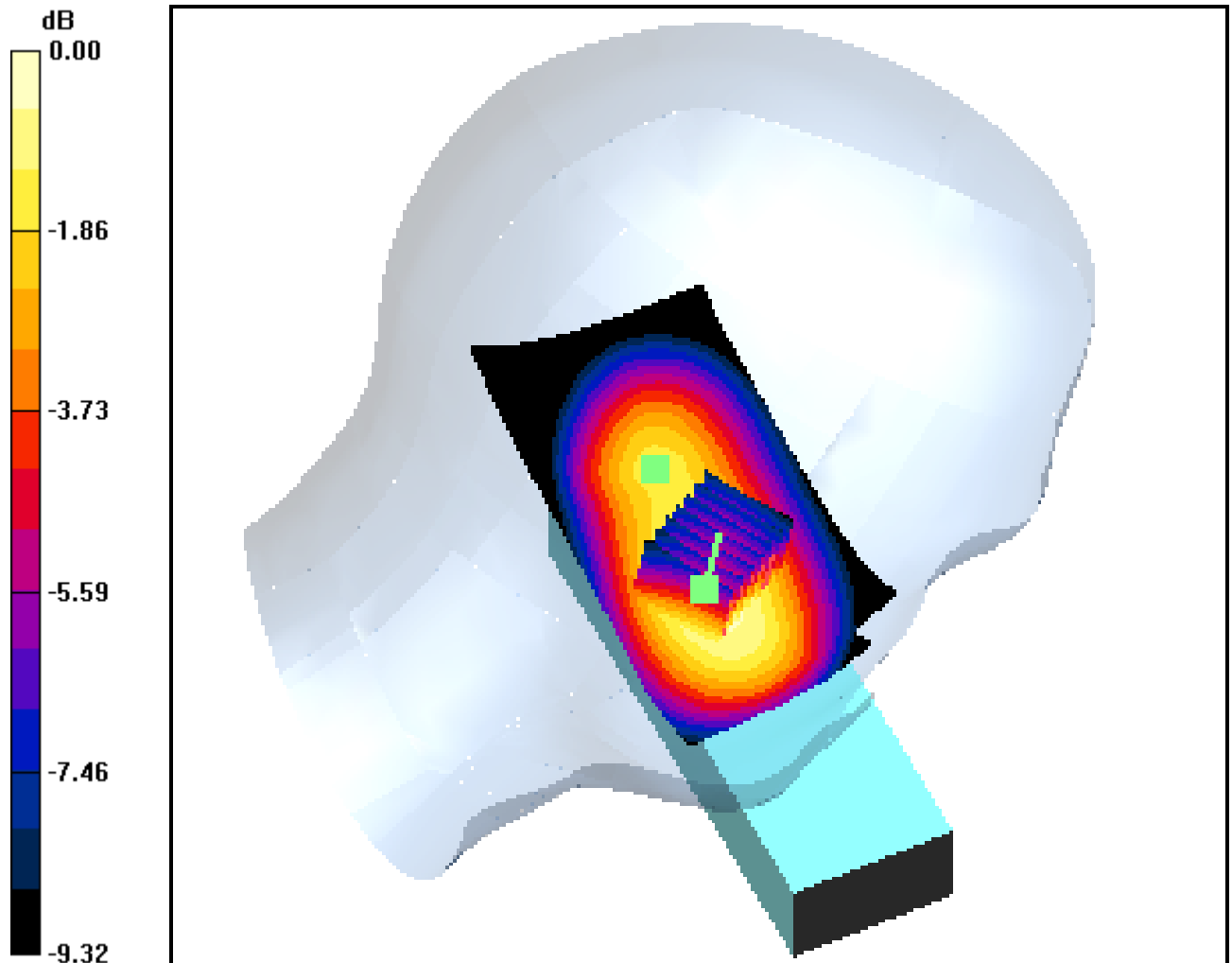
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.259 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.660 mW/g



0 dB = 0.986mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.931 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Touch, CDMA Ch.777, Ant Fixed, Standard Battery

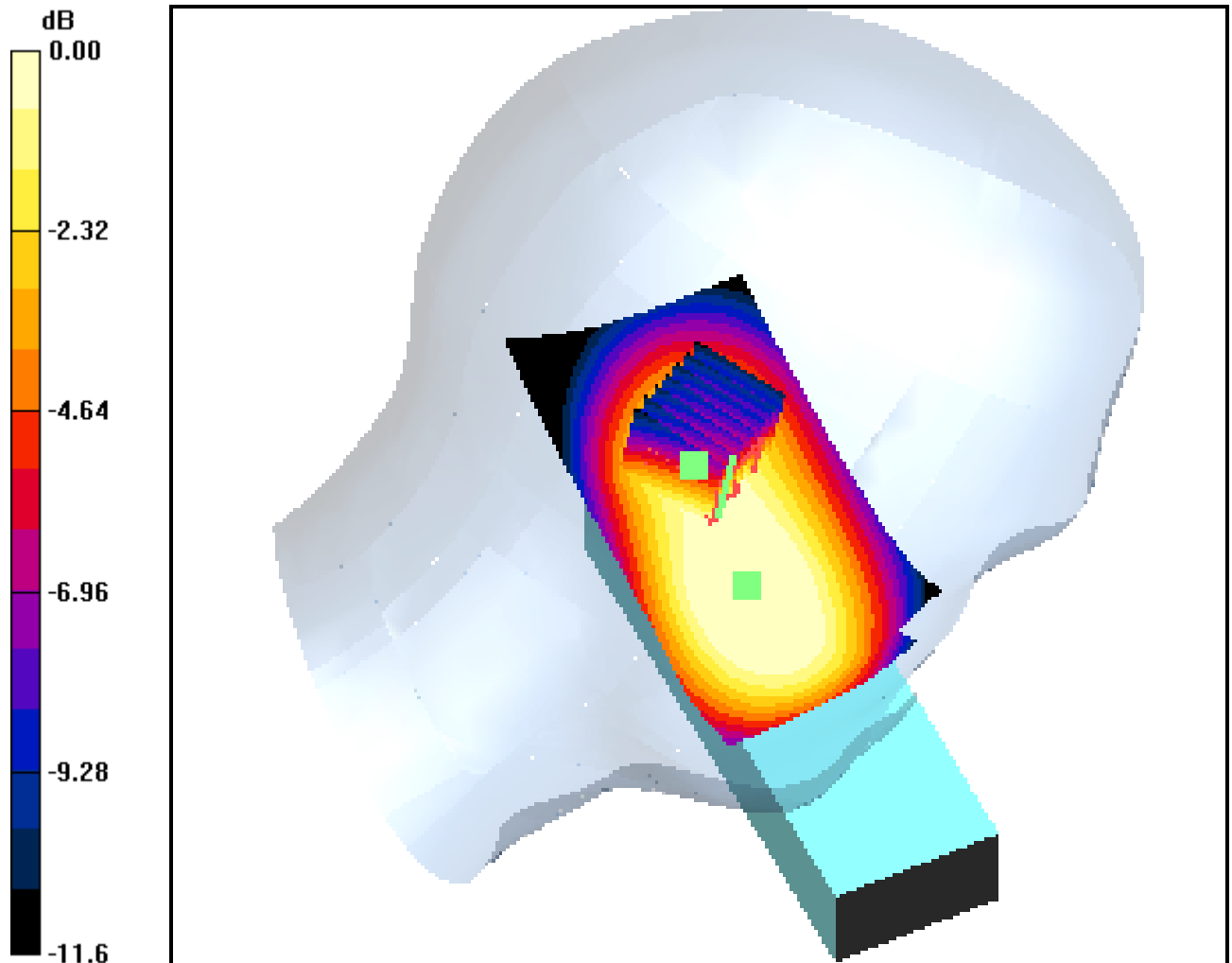
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Power Drift = -0.259 dB

Peak SAR (extrapolated) = 0.945 W/kg

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.447 mW/g



0 dB = 0.715mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Tilt, CDMA Ch.1013, Ant Fixed, Standard Battery

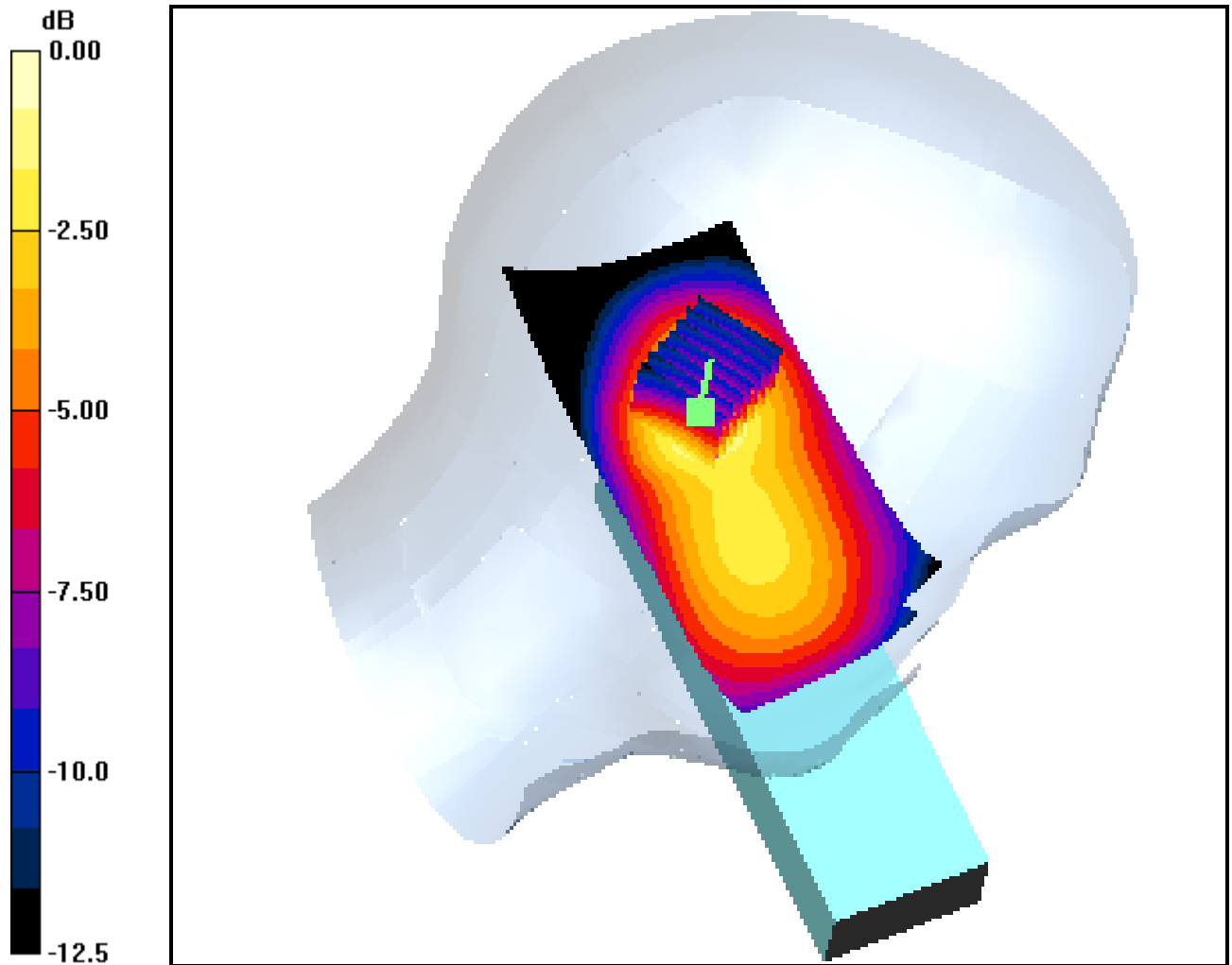
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.046 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.377 mW/g



0 dB = 0.675mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Tilt, CDMA Ch.384, Ant Fixed, Standard Battery

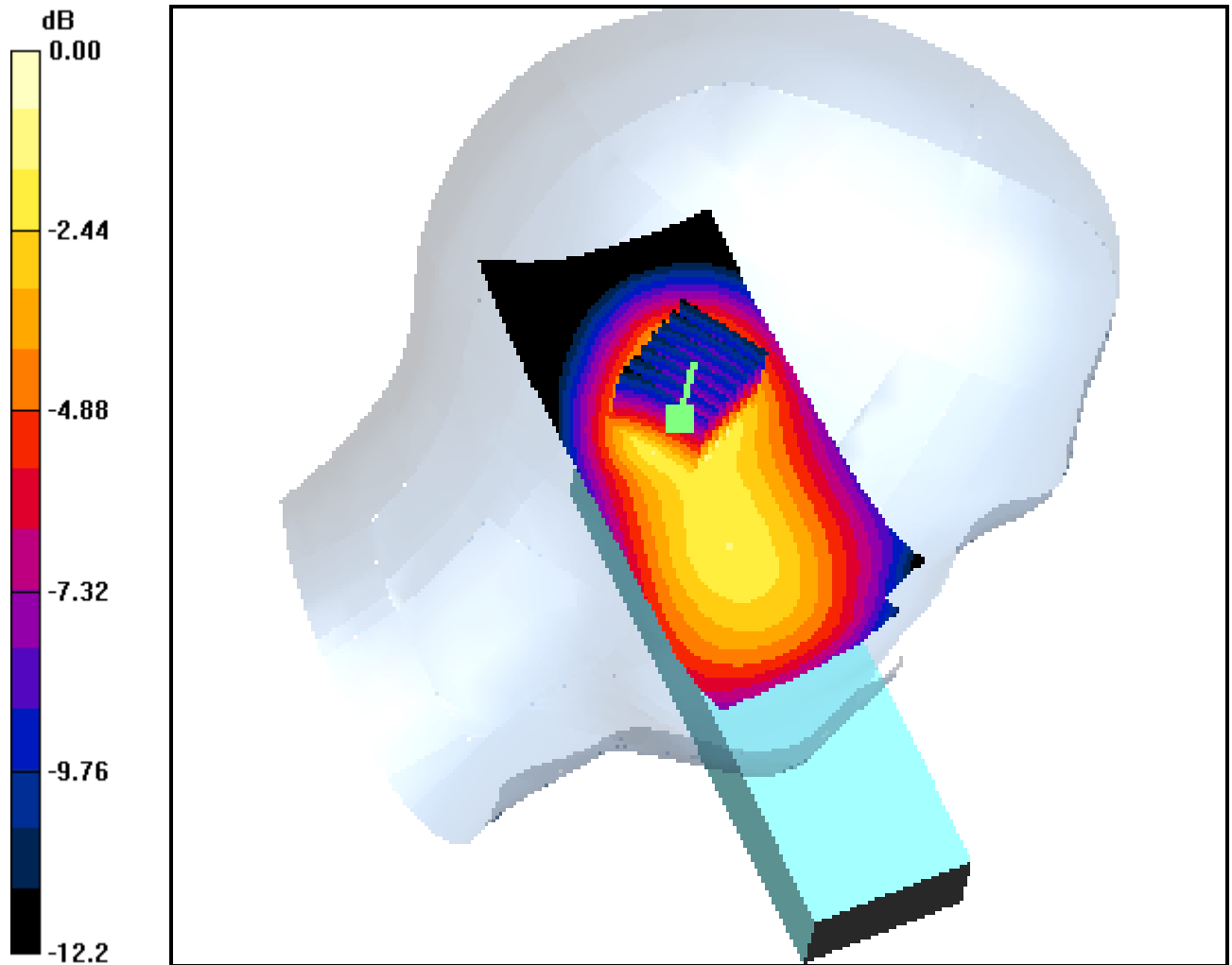
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.126 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.402 mW/g



0 dB = 0.718mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.931 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Left Tilt, CDMA Ch.777, Ant Fixed, Standard Battery

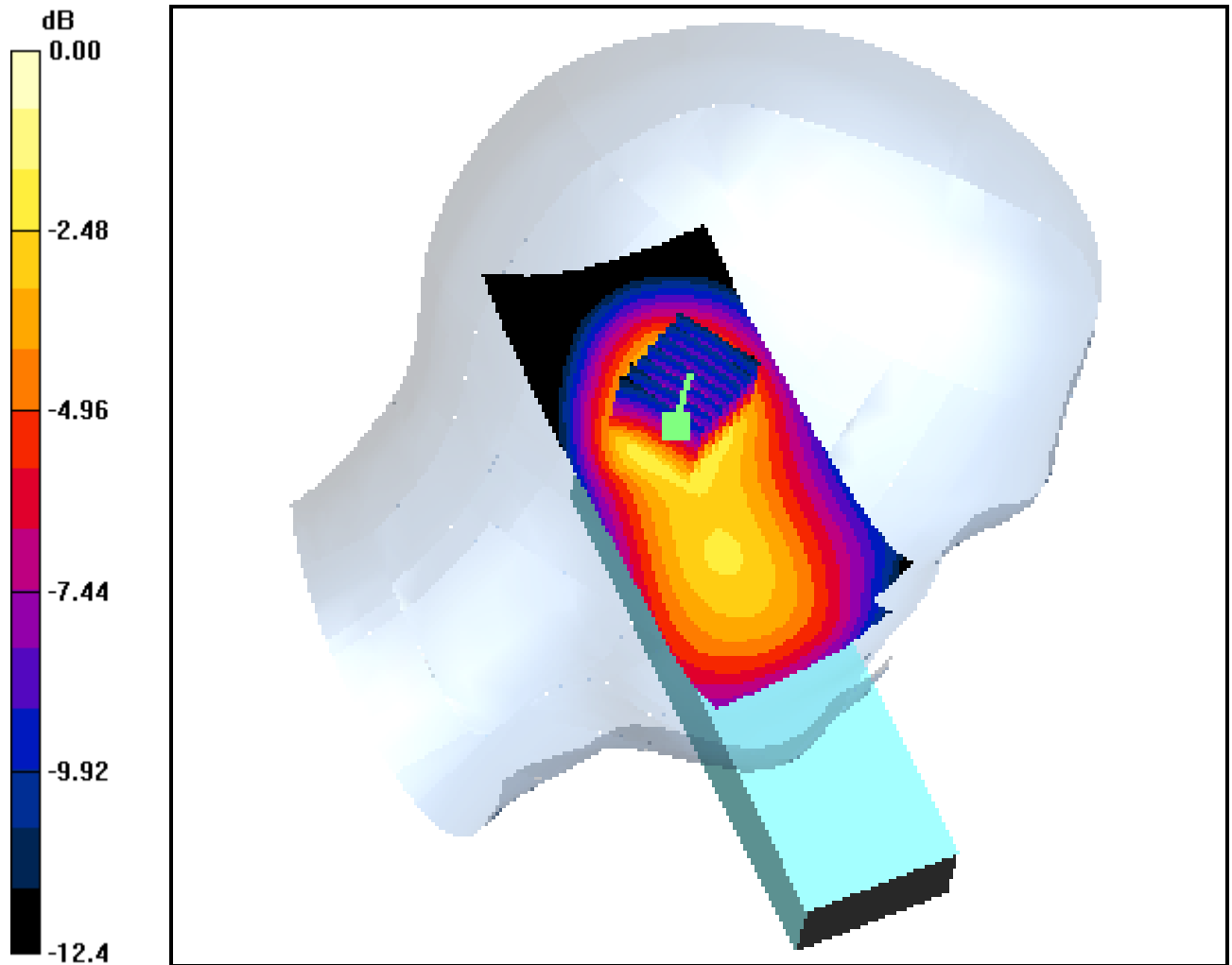
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.386 mW/g



0 dB = 0.688mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Touch, CDMA Ch.1013, Ant Fixed, Standard Battery

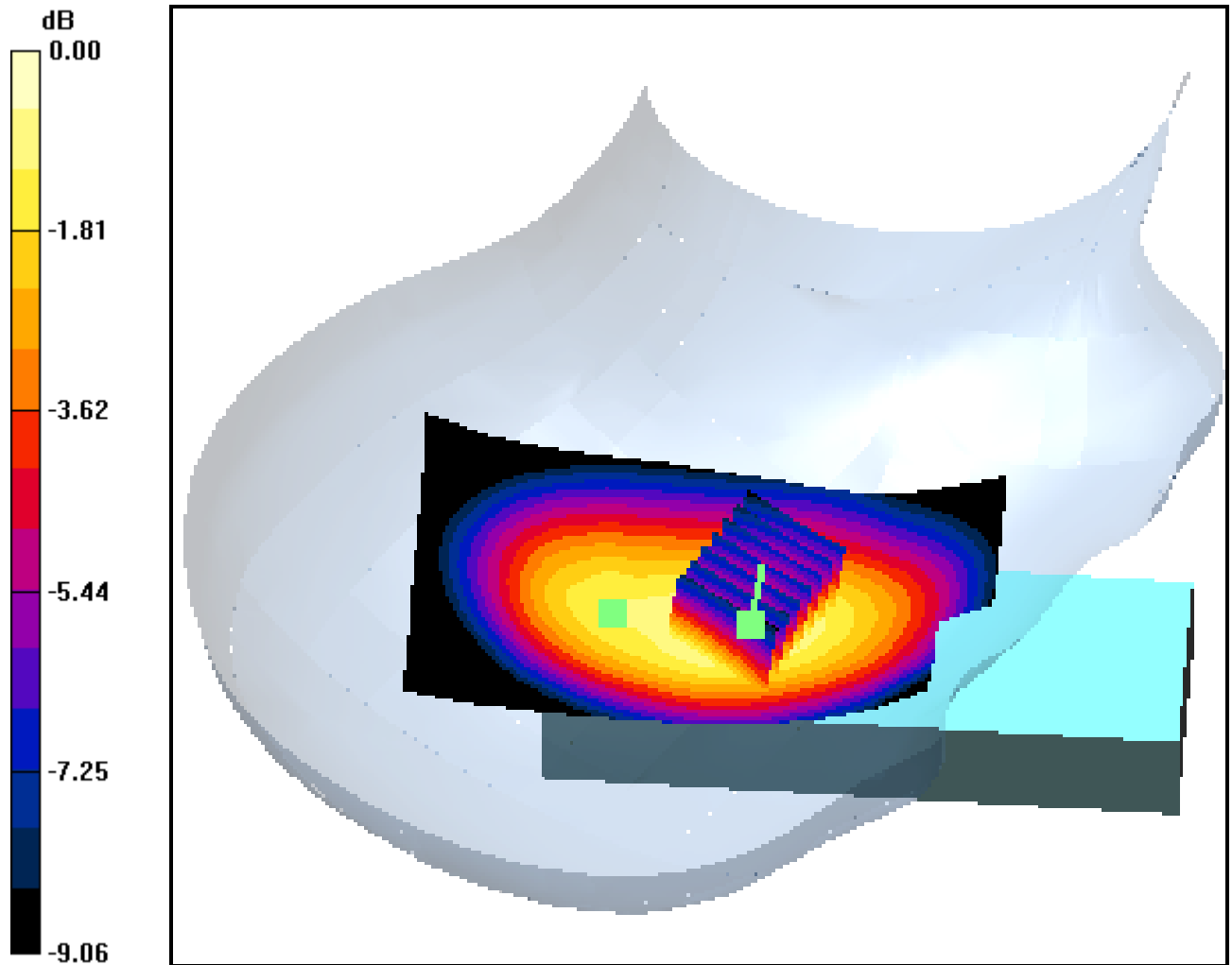
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.941 mW/g; SAR(10 g) = 0.664 mW/g



0 dB = 0.990mW/g

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Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ 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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Touch, CDMA Ch.1013, Ant Fixed, Standard Battery

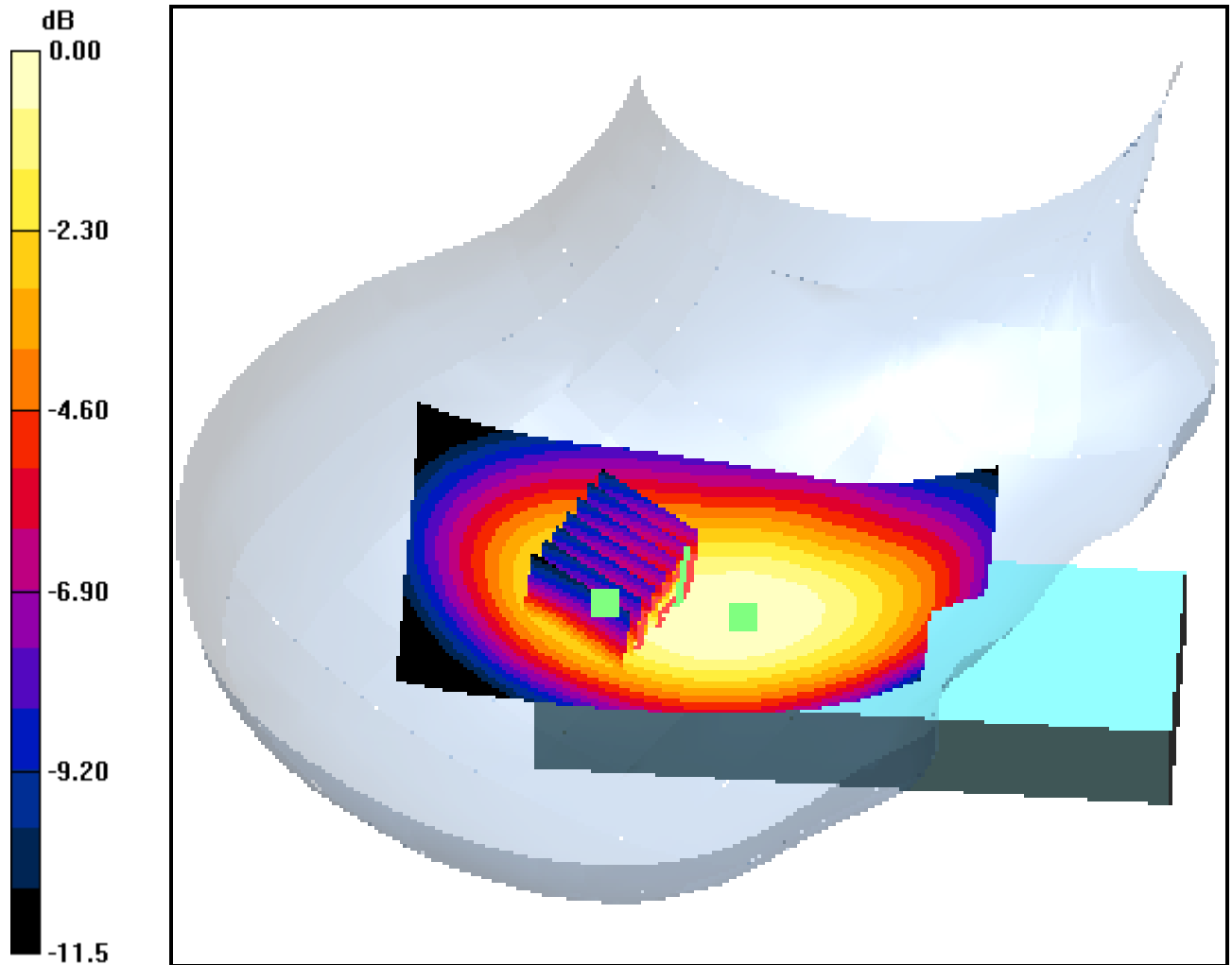
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.07 W/kg

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



0 dB = 0.873mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$

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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Touch, CDMA Ch.384, Ant Fixed, Standard Battery

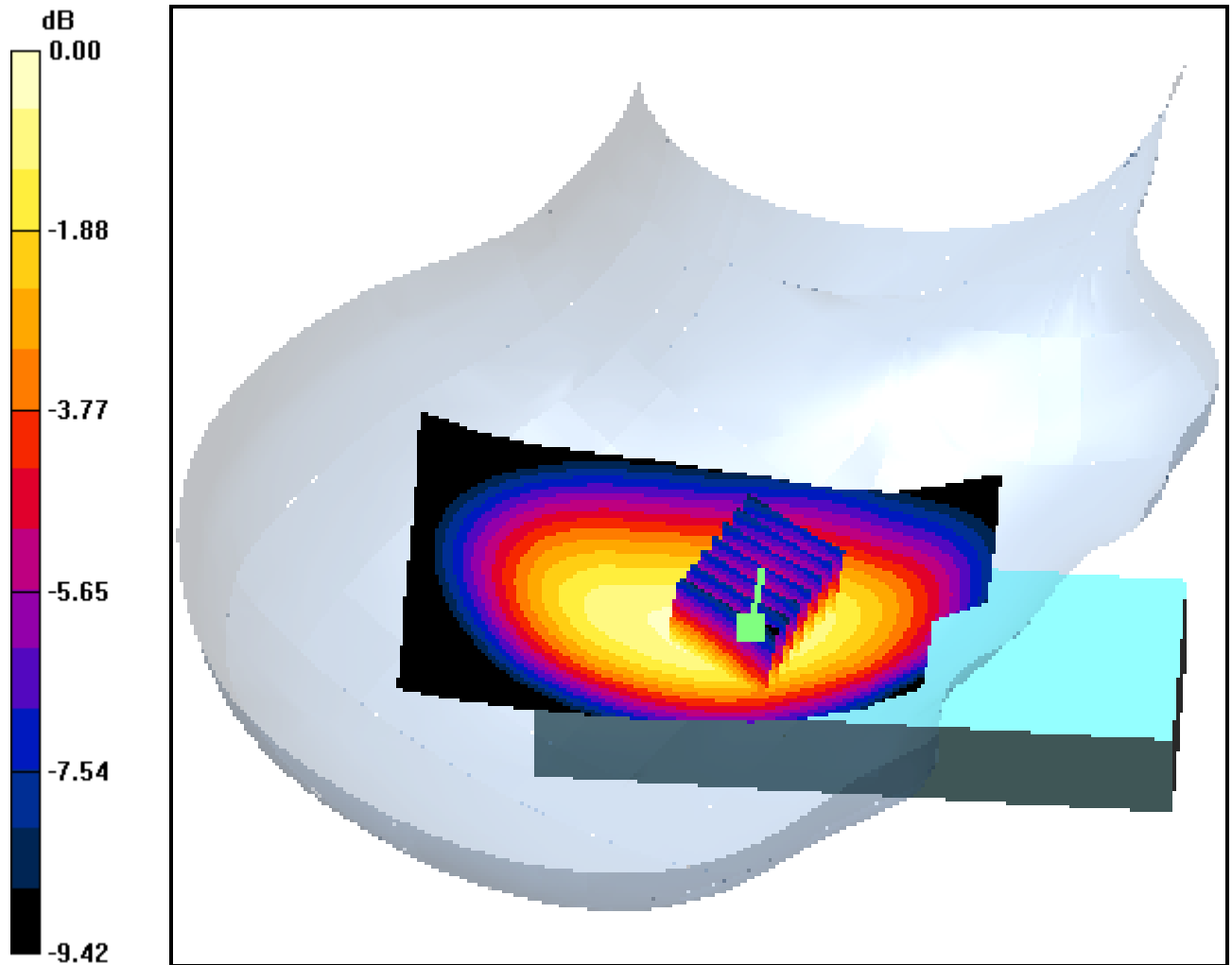
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.039 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 1 mW/g; SAR(10 g) = 0.705 mW/g



0 dB = 1.06mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.931 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Touch, CDMA Ch.777, Ant Fixed, Standard Battery

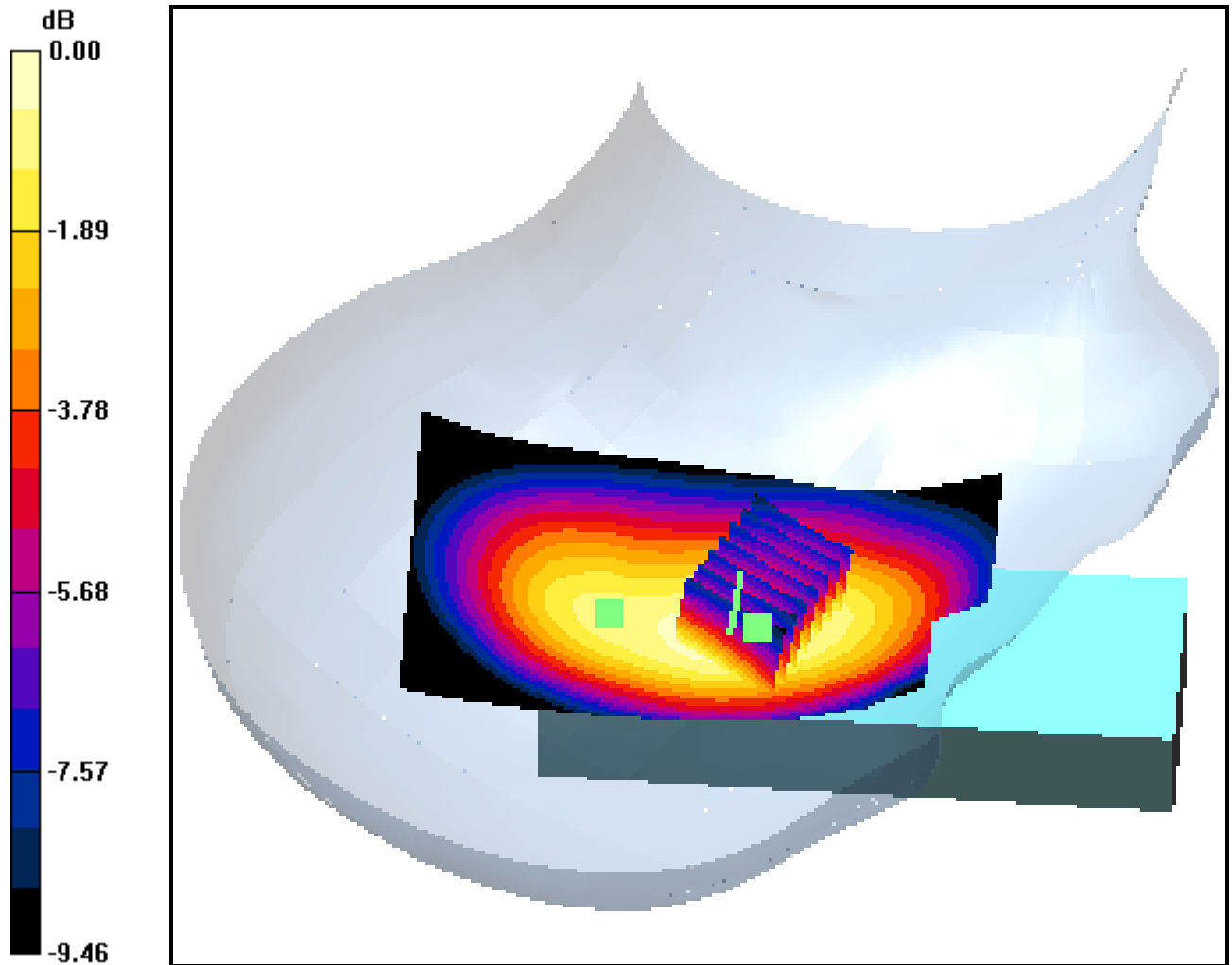
Area Scan (51x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.390 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.702 mW/g



0 dB = 1.04mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.931$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ 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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Touch, CDMA Ch.777, Ant Fixed, Standard Battery

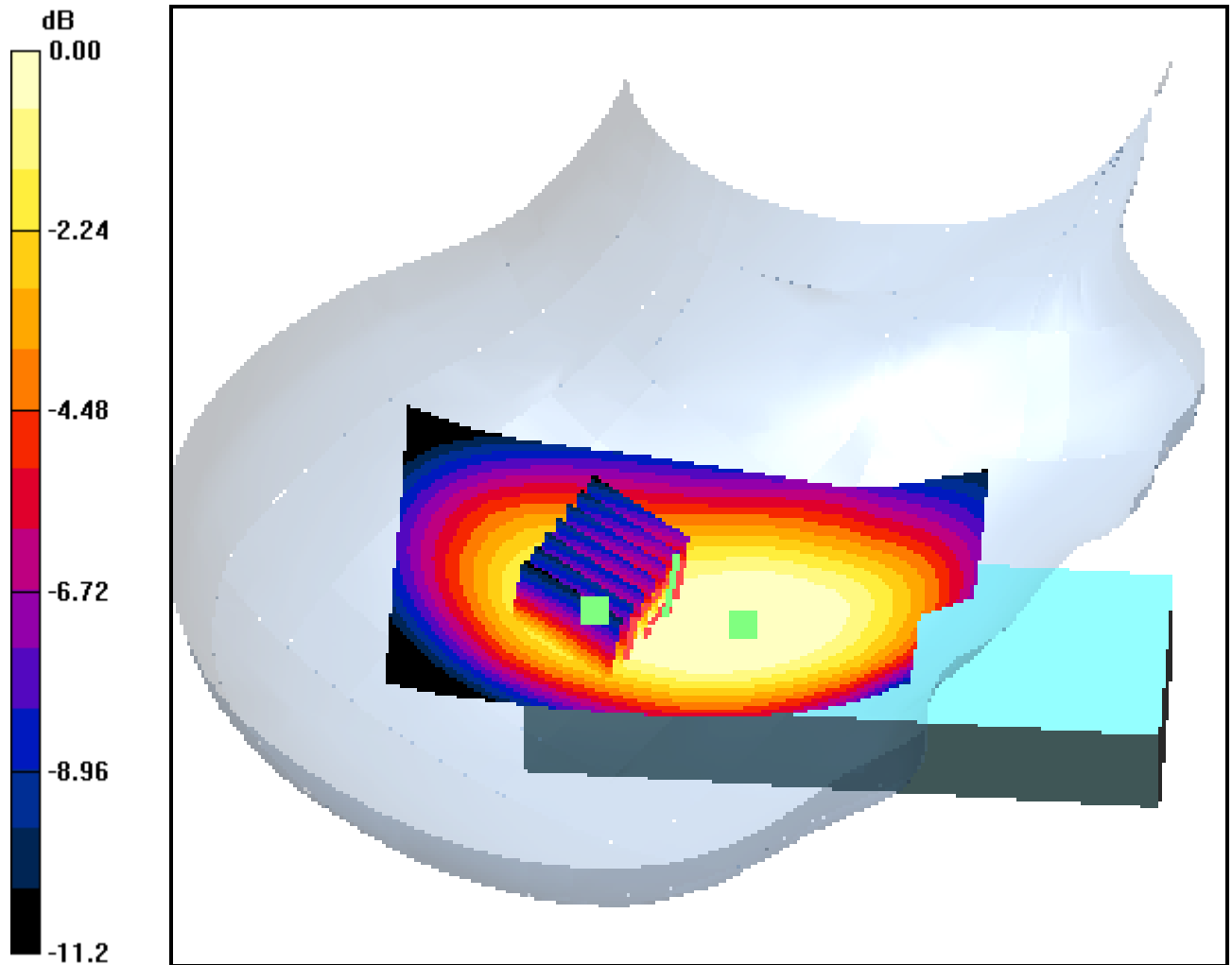
Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.390 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.531 mW/g



0 dB = 0.865mW/g

DIGITAL EMC CO., LTD

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Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.907 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Tilt, CDMA Ch.1013, Ant Fixed, Standard Battery

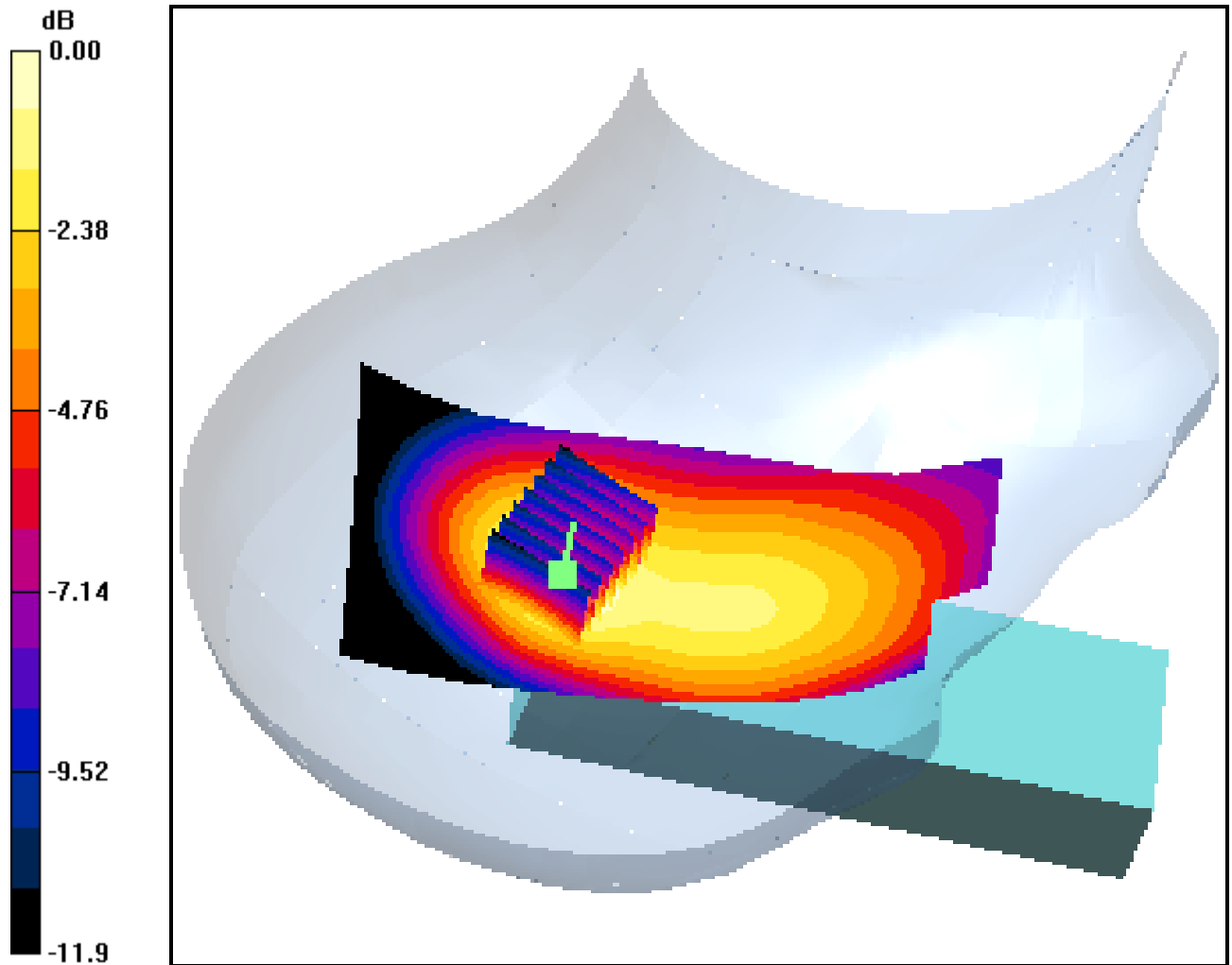
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.226 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.316 mW/g



0 dB = 0.528mW/g

DIGITAL EMC CO., LTD

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Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 0.923 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$

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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Tilt, CDMA Ch.384, Ant Fixed, Standard Battery

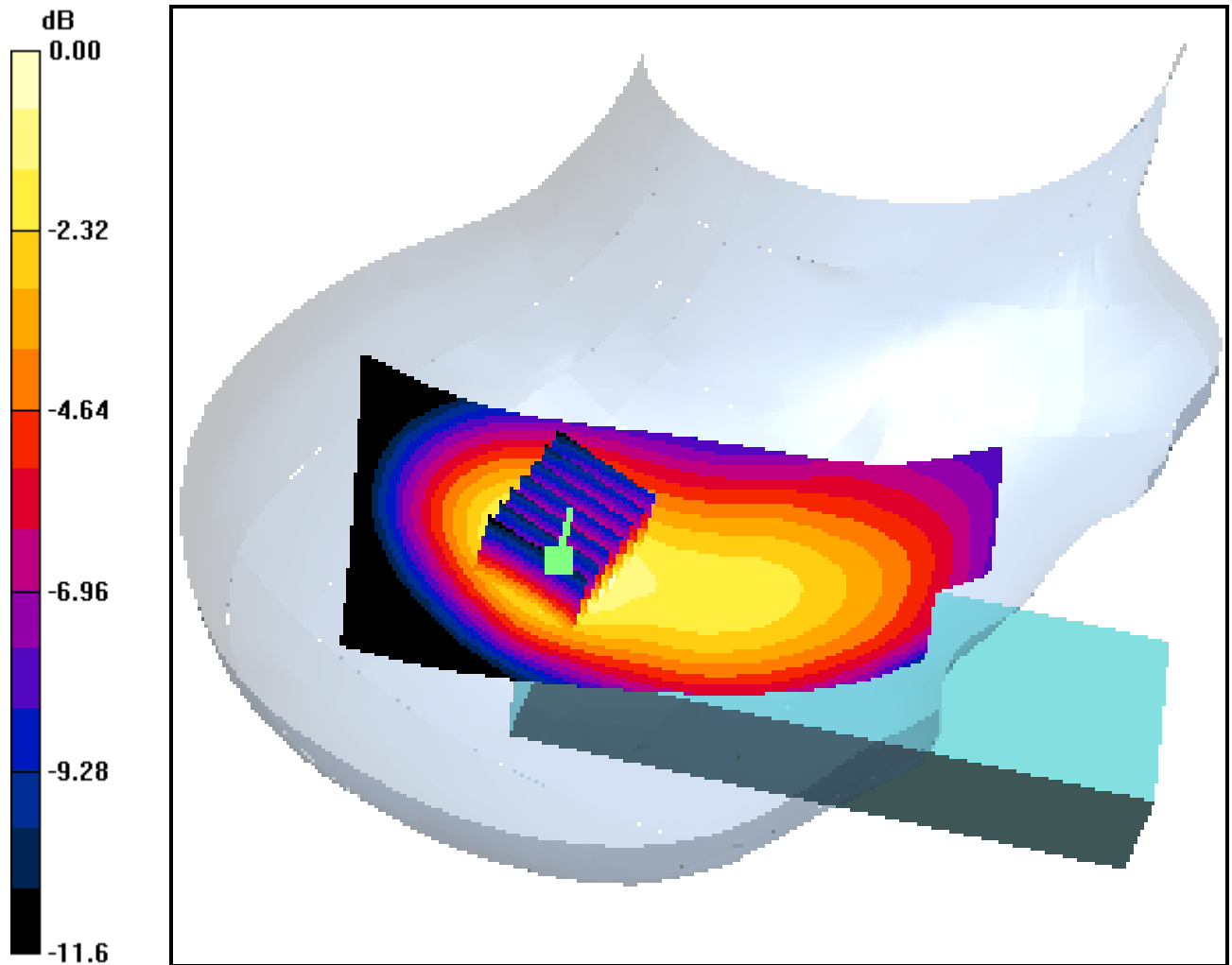
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = 0.106 dB

Peak SAR (extrapolated) = 0.898 W/kg

SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.377 mW/g



0 dB = 0.634mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.931 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

Right Tilt, CDMA Ch.777, Ant Fixed, Standard Battery

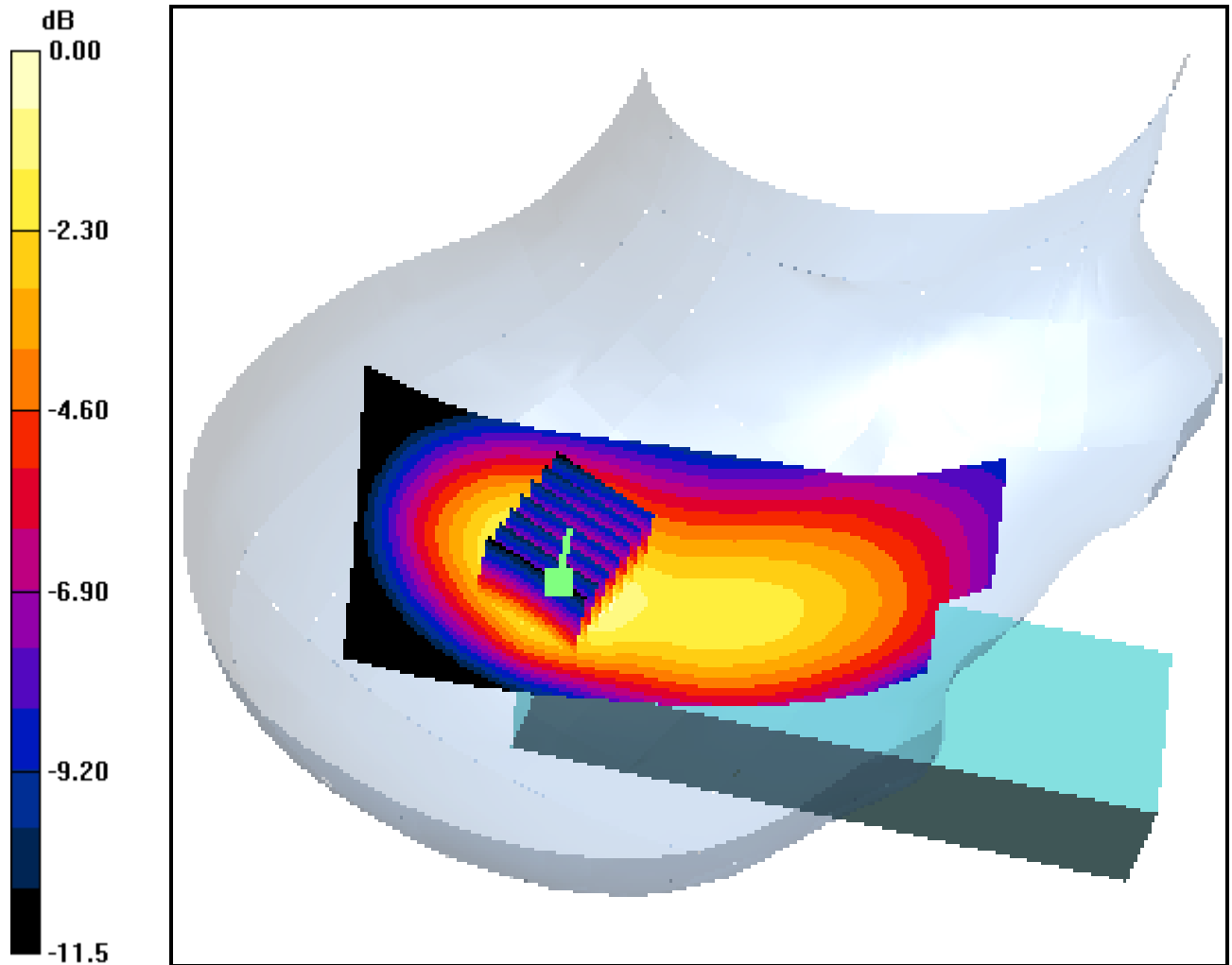
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.306 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.360 mW/g



0 dB = 0.612mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.991 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

8mm from Body, CDMA Ch.1013, Ant Fixed, Standard Battery

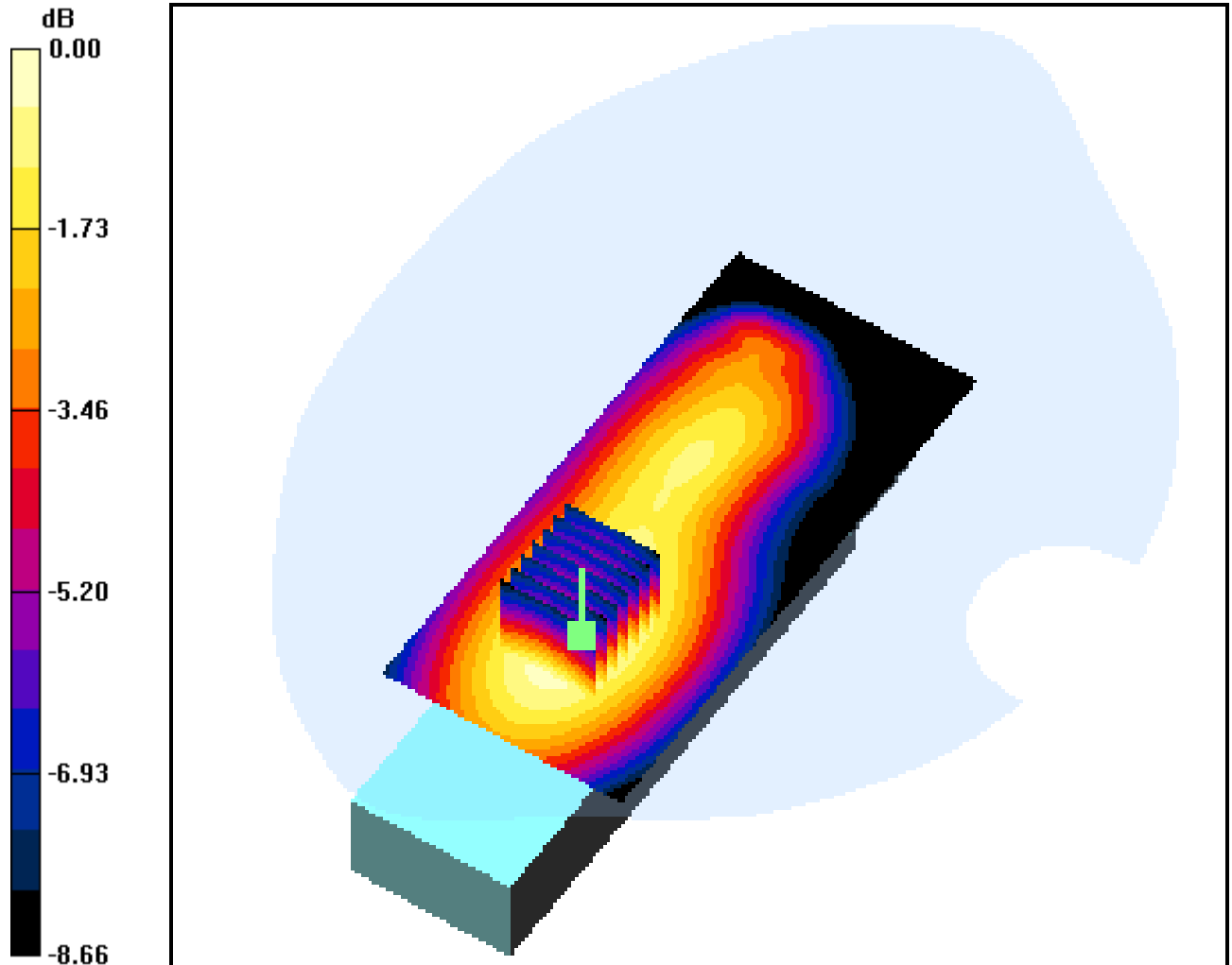
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.053 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.383 mW/g



0 dB = 0.559mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.52 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

8mm from Body, CDMA Ch.384, Ant Fixed, Standard Battery

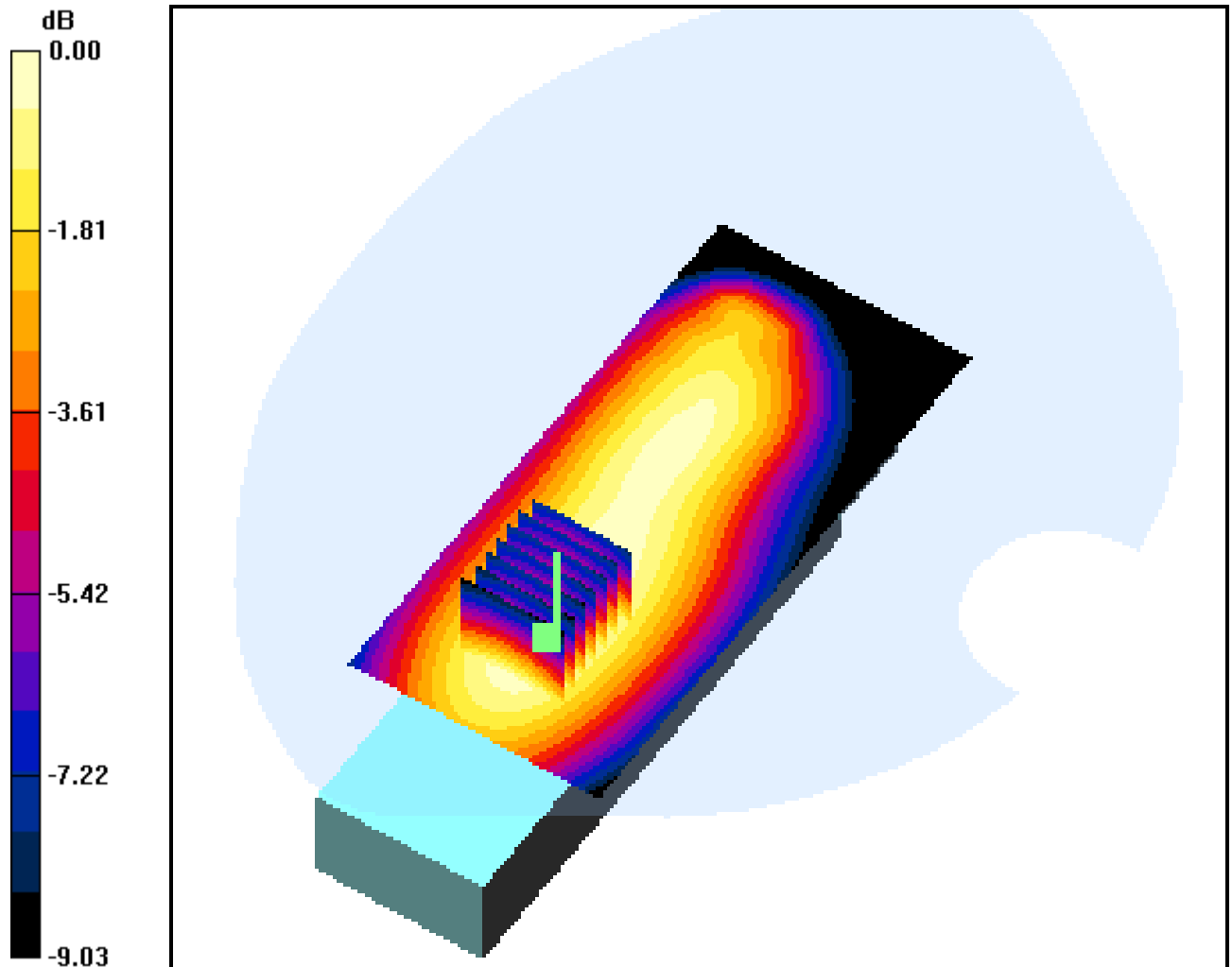
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.171 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.322 mW/g



0 dB = 0.477mW/g

DIGITAL EMC CO., LTD

DUT: FCS-8900; Type: CDMA single Band

Communication System: FCC CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$
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: 2005-08-03; Ambient Temp: 23.0; Tissue Temp: 21.5

8mm from Body, CDMA Ch.777, Ant Fixed, Standard Battery

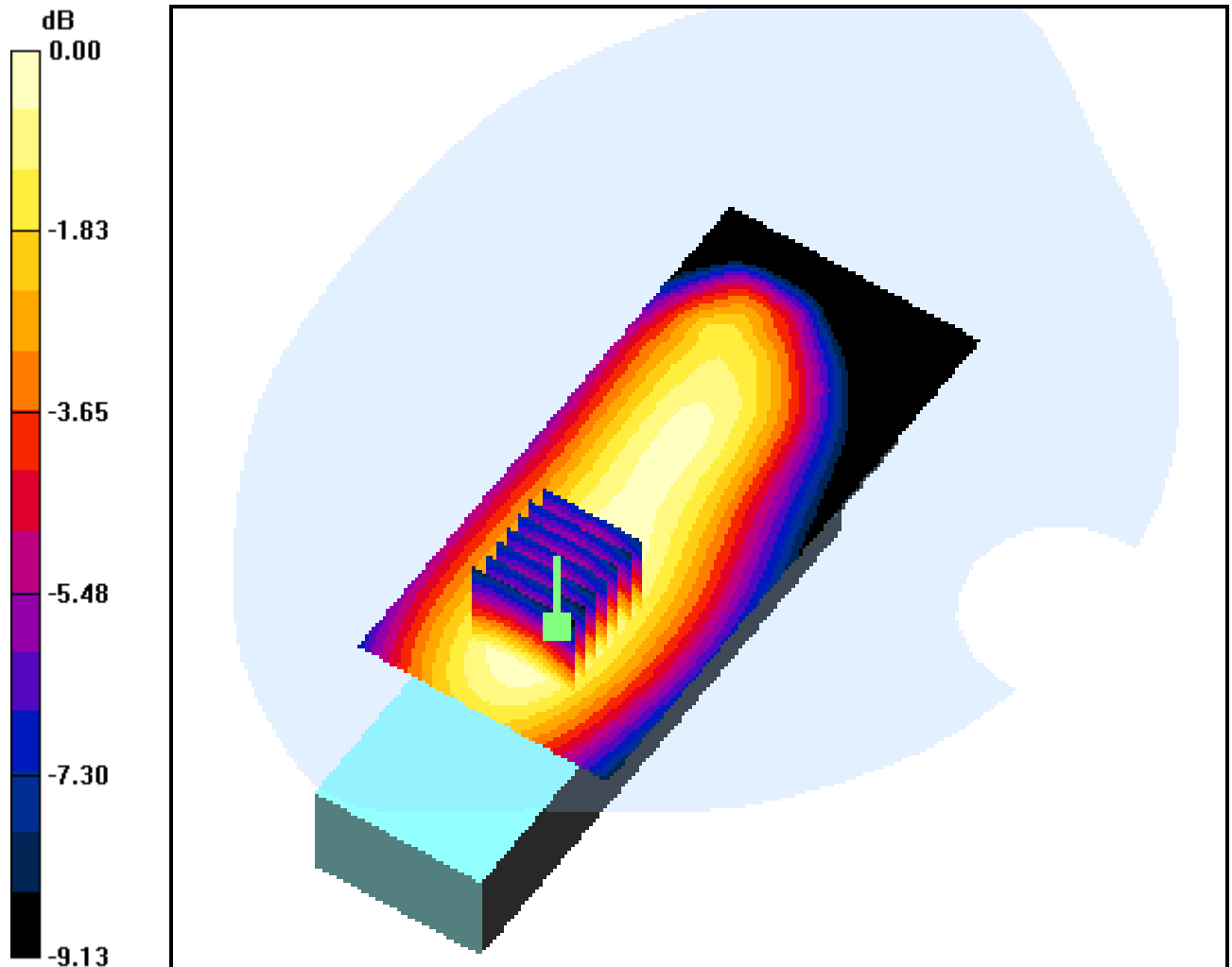
Area Scan (51x111x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.369 mW/g



0 dB = 0.534mW/g