SAR TEST PLOTS

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DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type; Serial

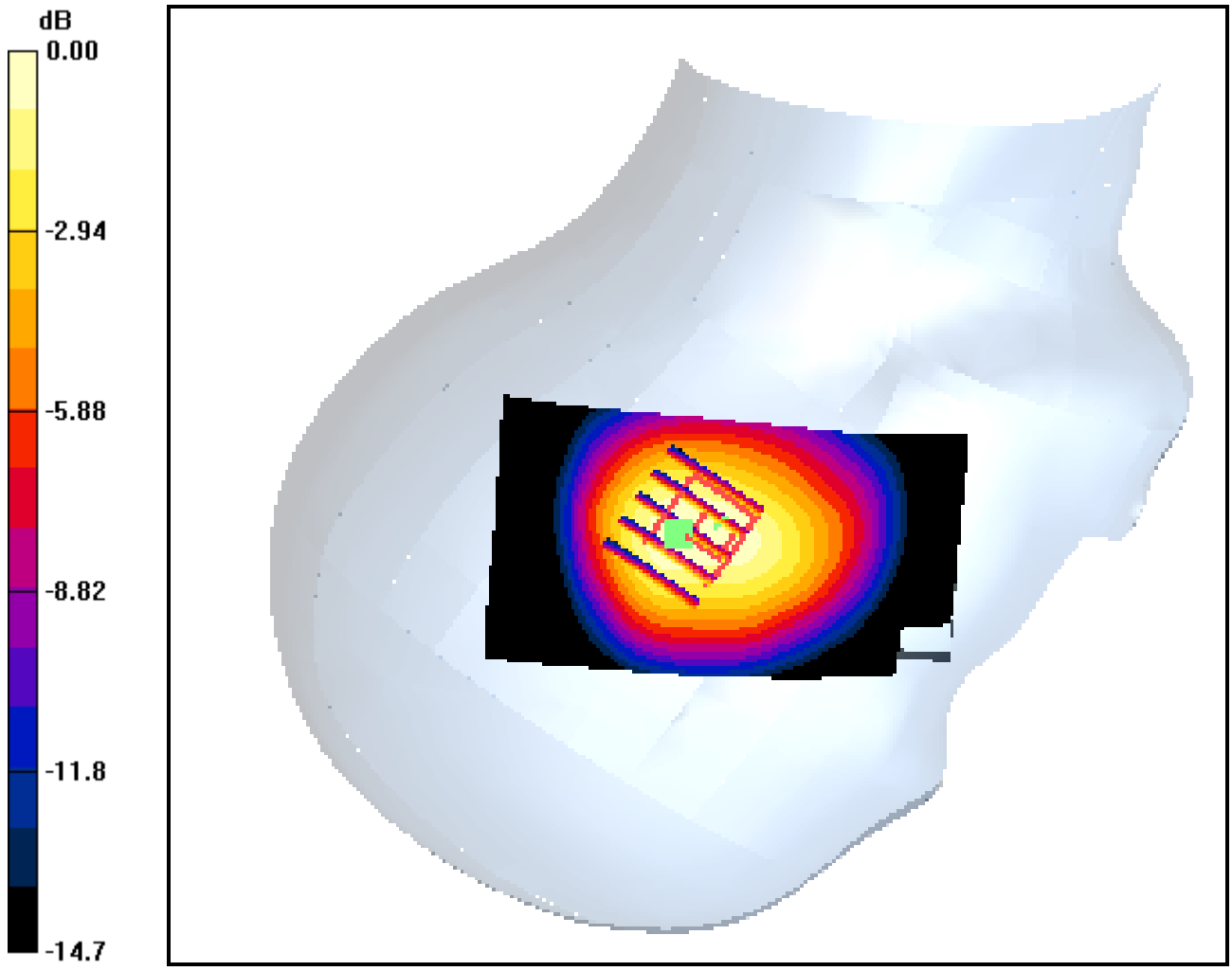
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Right Touch, GSM Ch.128, 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 = -0.126 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.483 mW/g



0 dB = 0.828mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

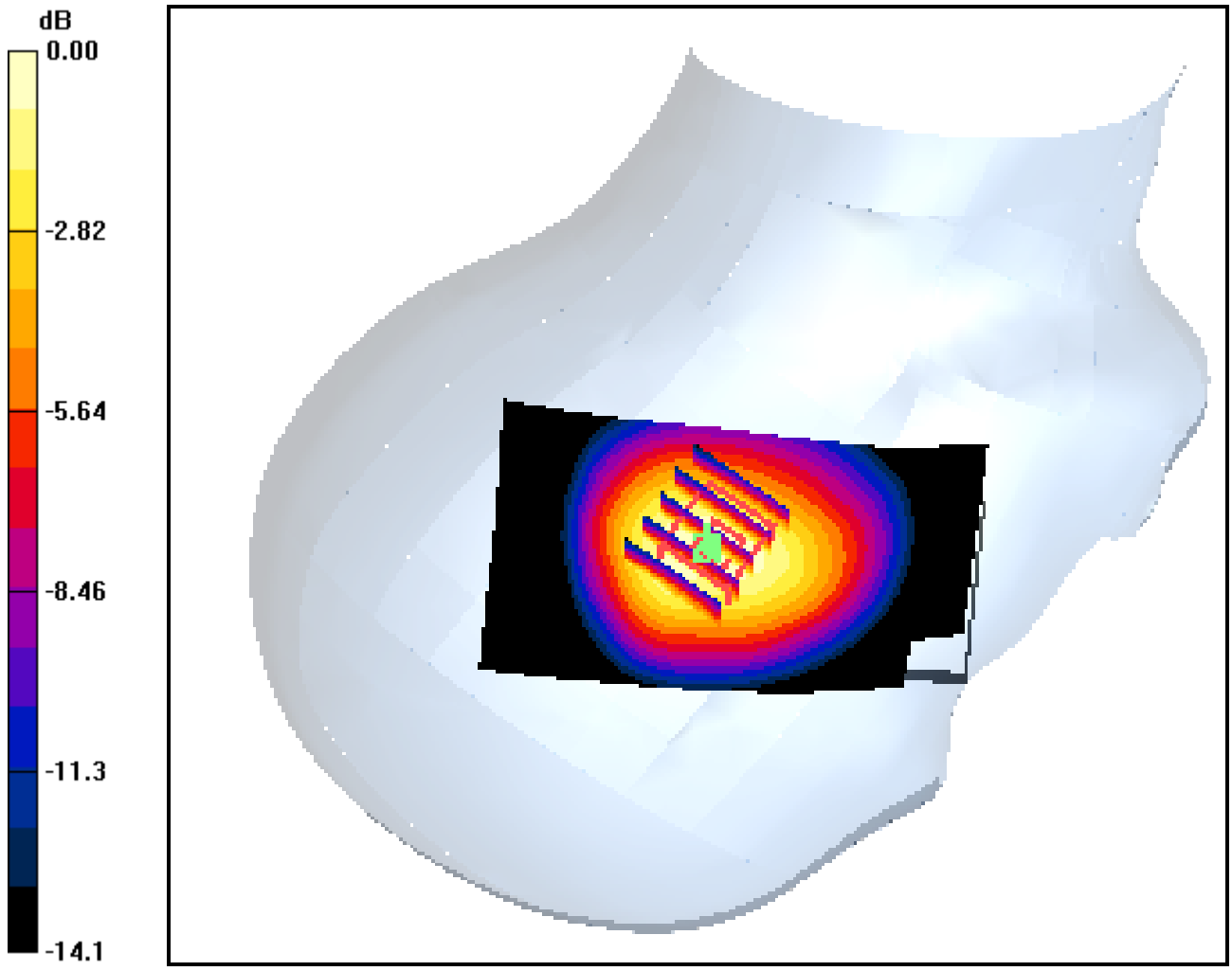
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Right Touch, GSM Ch.190, 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 = 0.01 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.662 mW/g



0 dB = 1.17mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

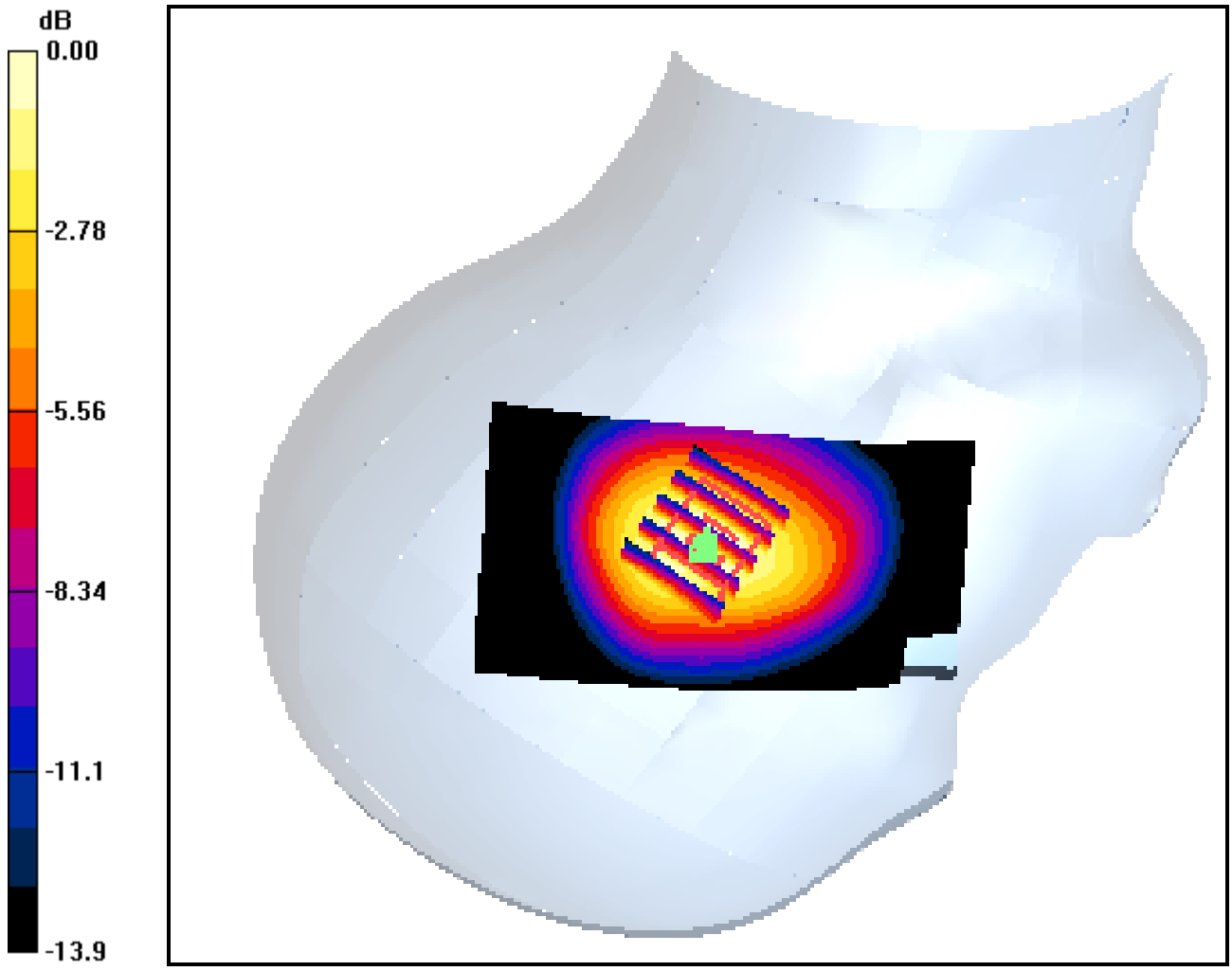
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.905 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Right Touch, GSM Ch.251, 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 = -0.081 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.796 mW/g



0 dB = 1.43mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

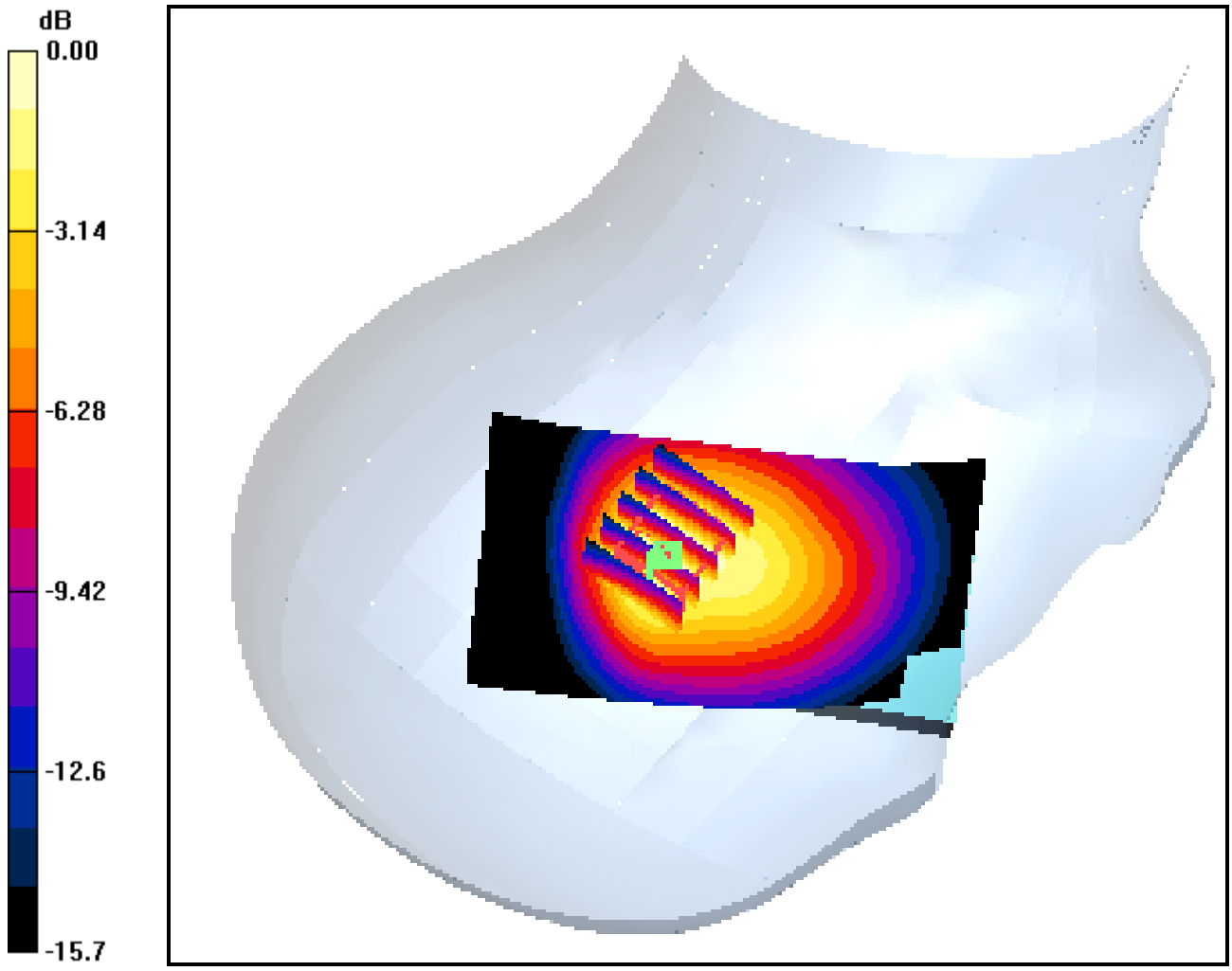
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Right Tilt, GSM Ch.128, 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 = -0.032 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.369 mW/g



0 dB = 0.690mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

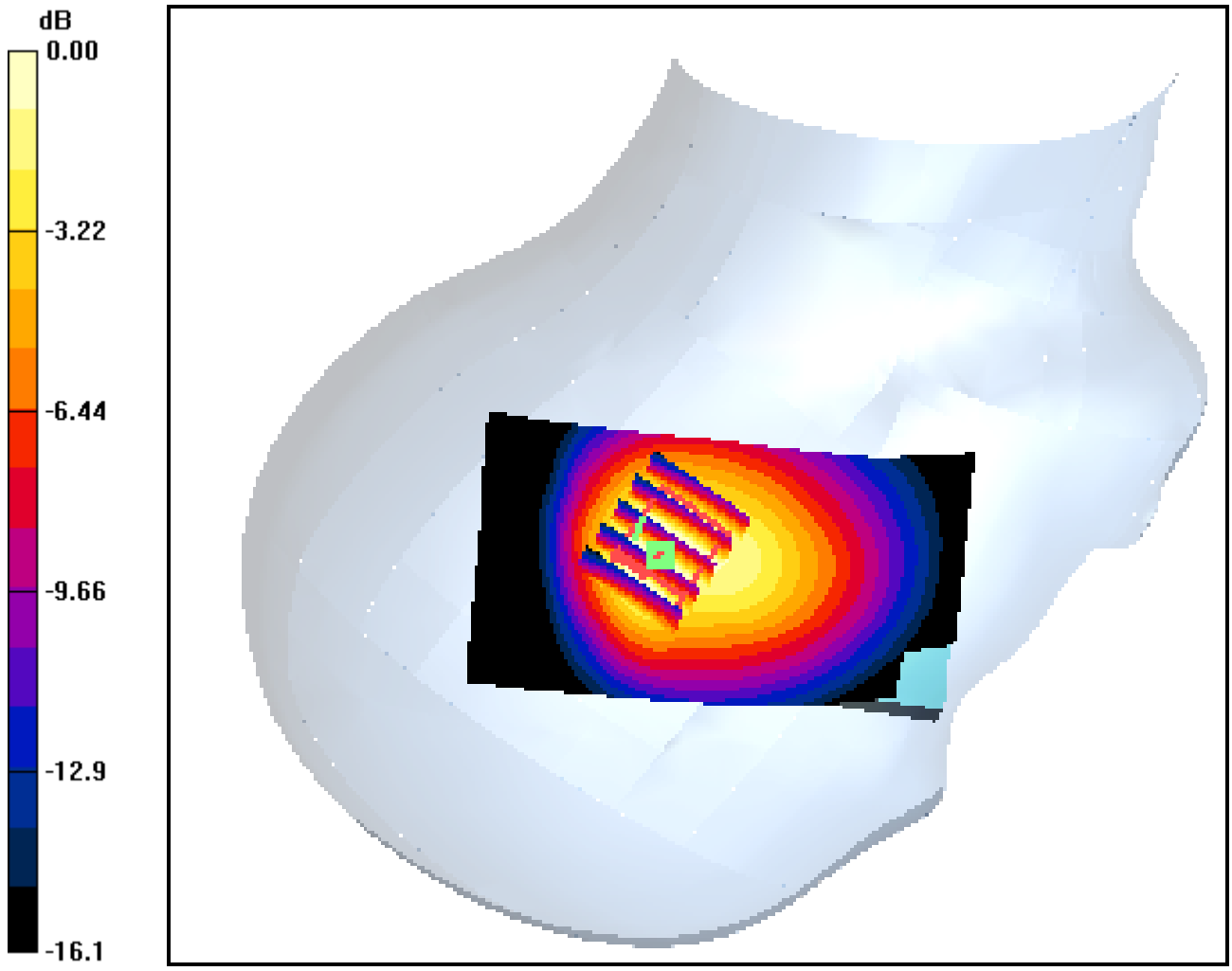
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Right Tilt, GSM Ch.190, 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 = -0.121 dB
Peak SAR (extrapolated) = 2.43 W/kg
SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.489 mW/g



0 dB = 0.920mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

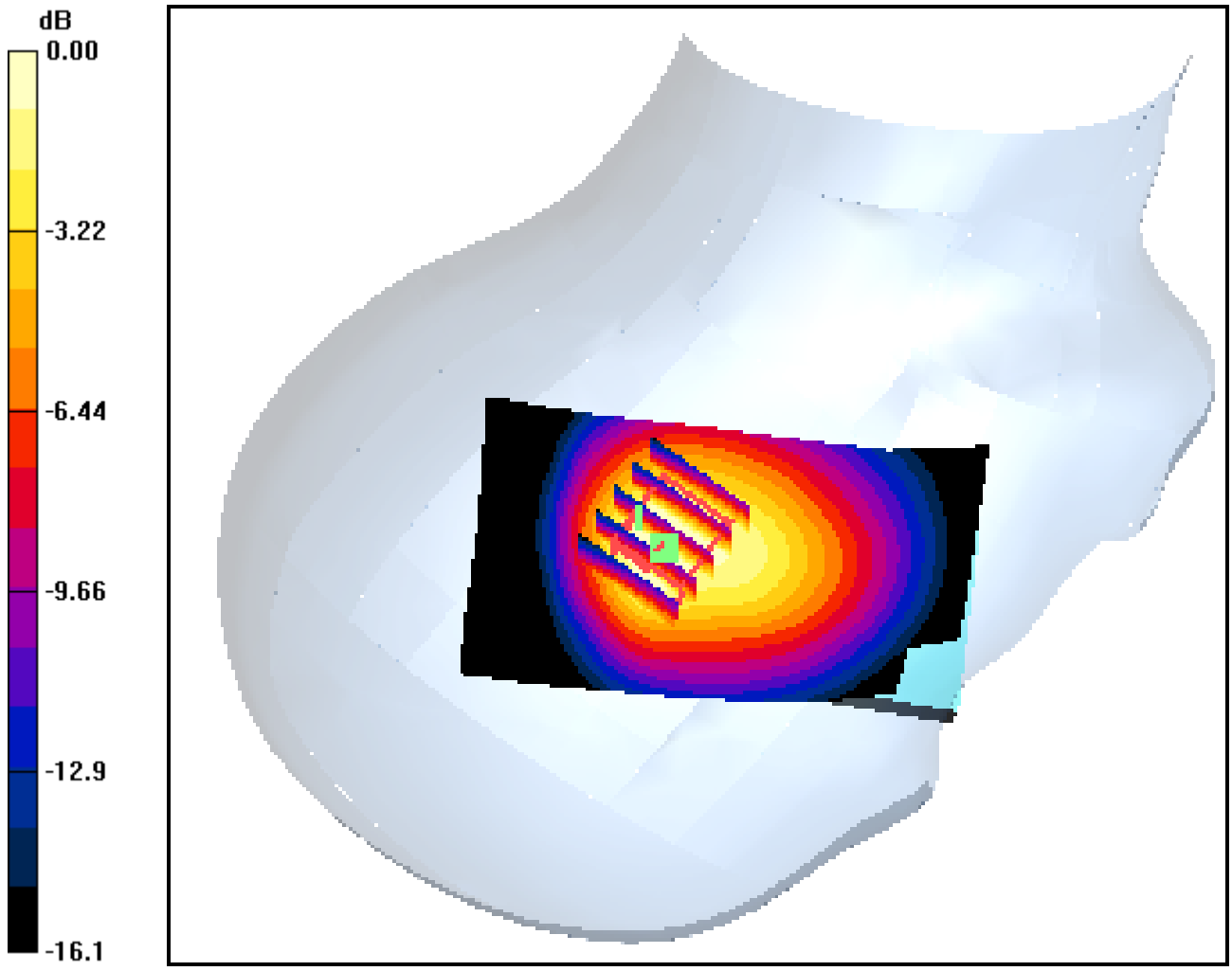
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.905 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Right Tilt, GSM Ch.251, 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 = -0.052 dB
Peak SAR (extrapolated) = 2.87 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.584 mW/g



0 dB = 1.10mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

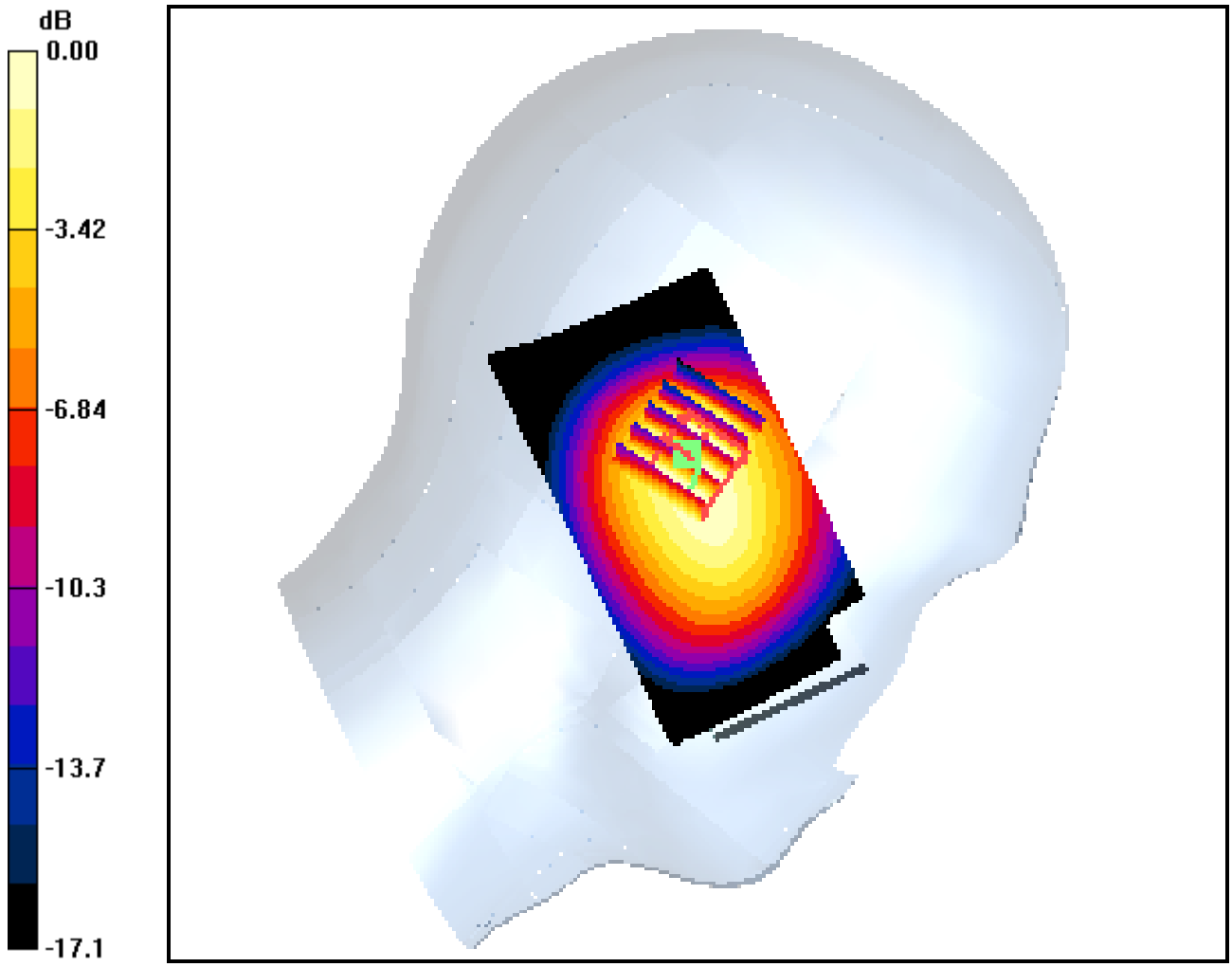
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Left Touch, GSM Ch.128, 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 = -0.116 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.530 mW/g



0 dB = 0.889mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

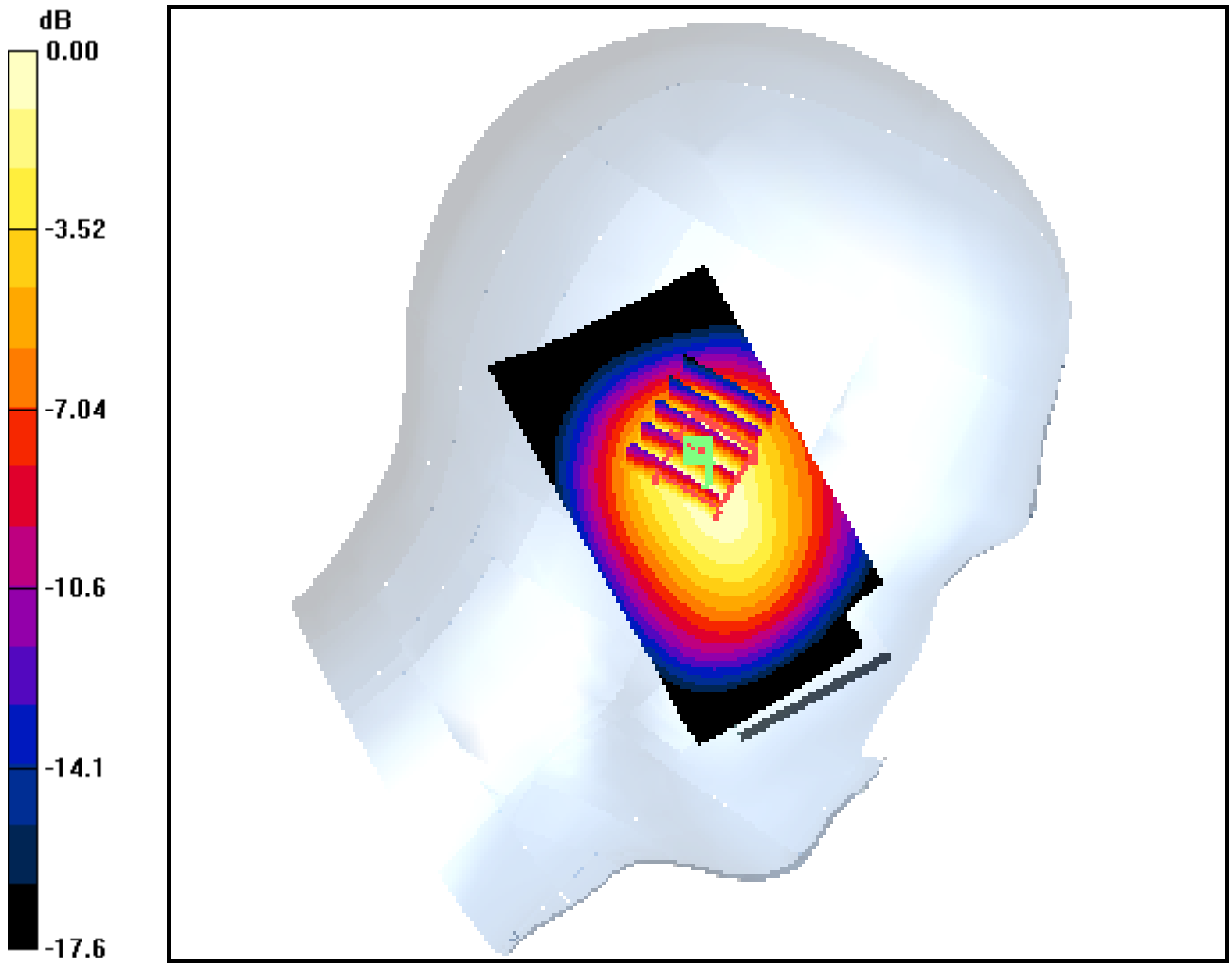
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Left Touch, GSM Ch.190, 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 = -0.084 dB
Peak SAR (extrapolated) = 2.72 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.692 mW/g



0 dB = 1.20mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

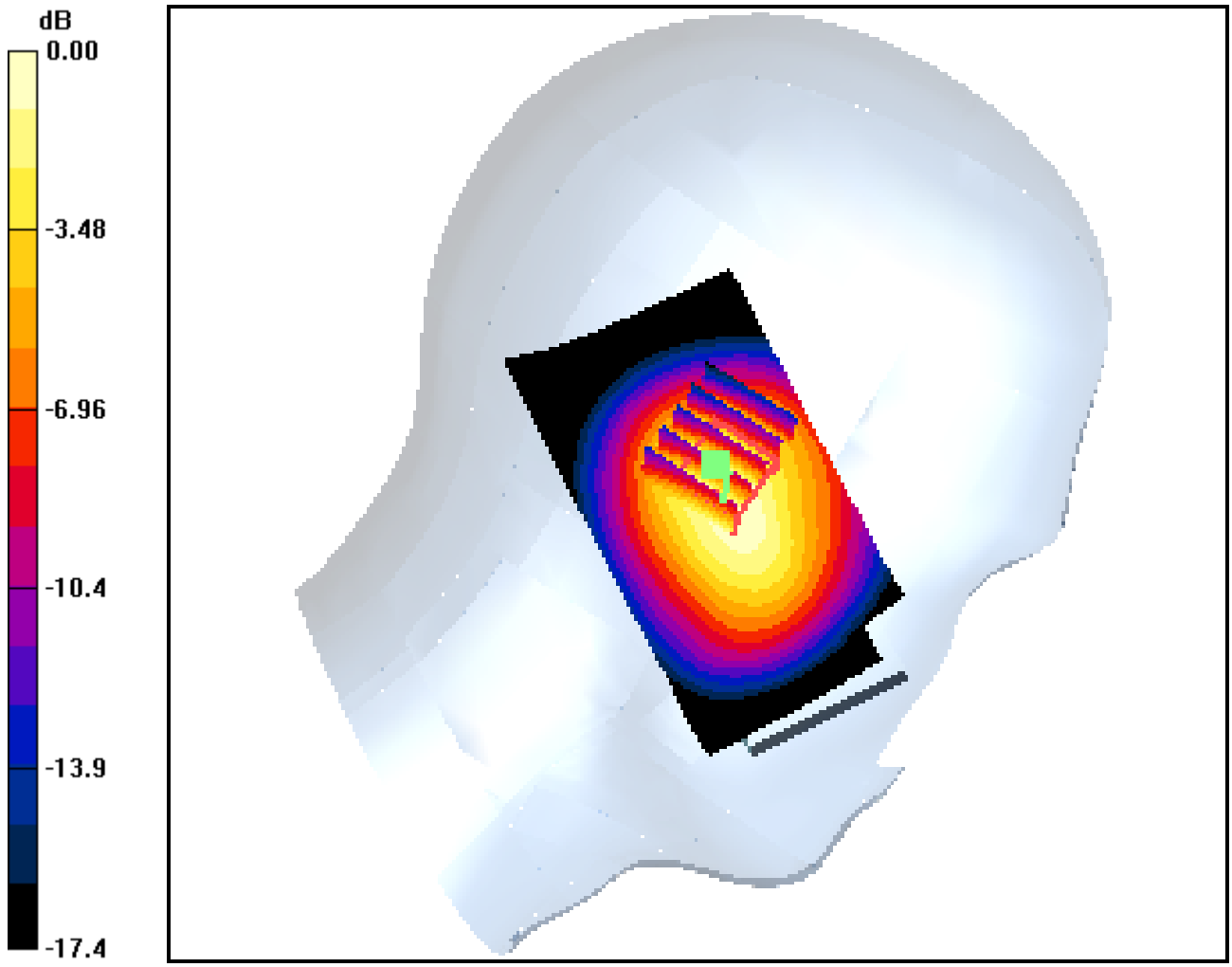
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.905 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Left Touch, GSM Ch.251, 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 = 0.050 dB
Peak SAR (extrapolated) = 3.18 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.869 mW/g



0 dB = 1.51mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

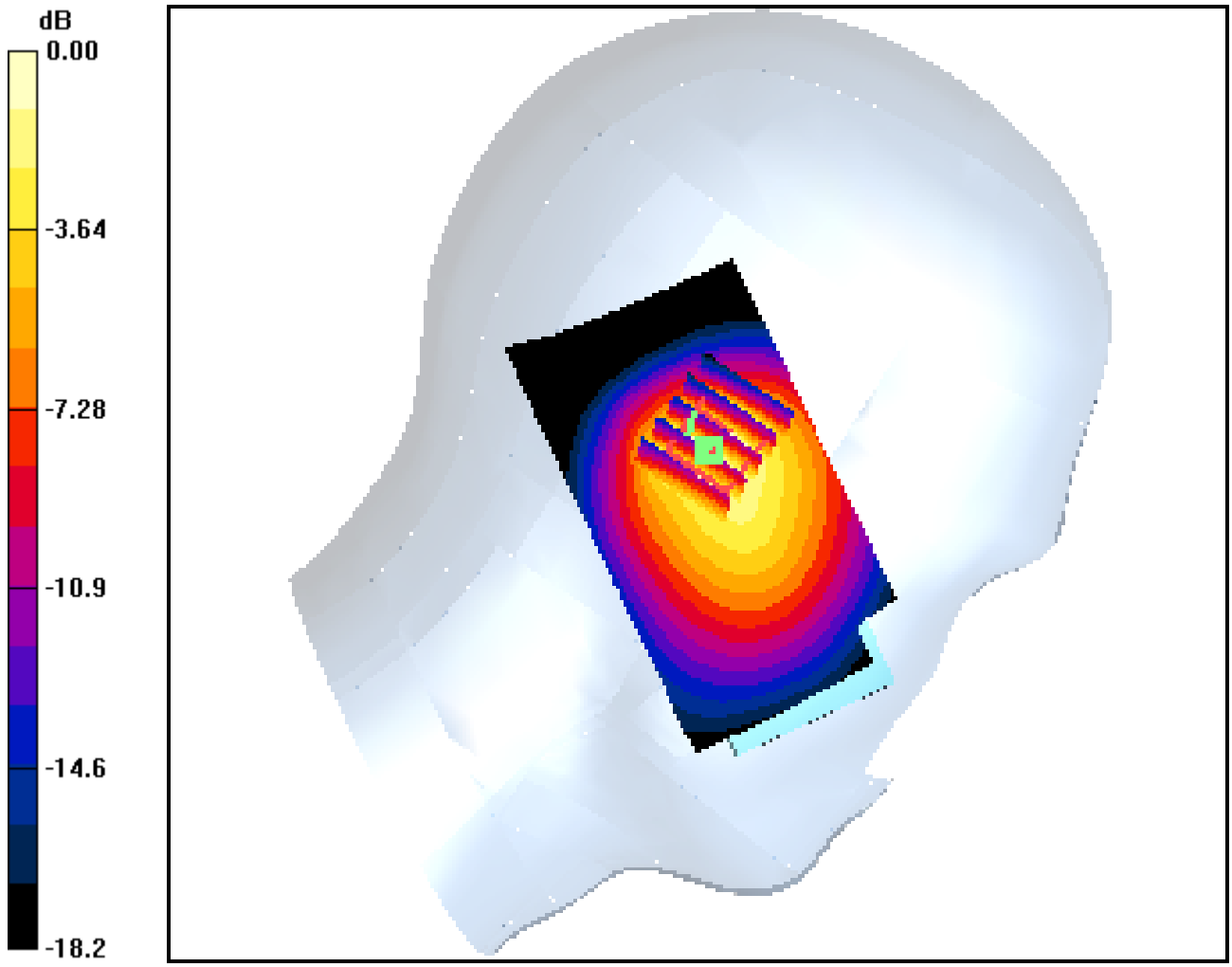
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.884 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Left Tilt, GSM Ch.128, 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 = -0.196 dB
Peak SAR (extrapolated) = 2.20 W/kg
SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.425 mW/g



0 dB = 0.895mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

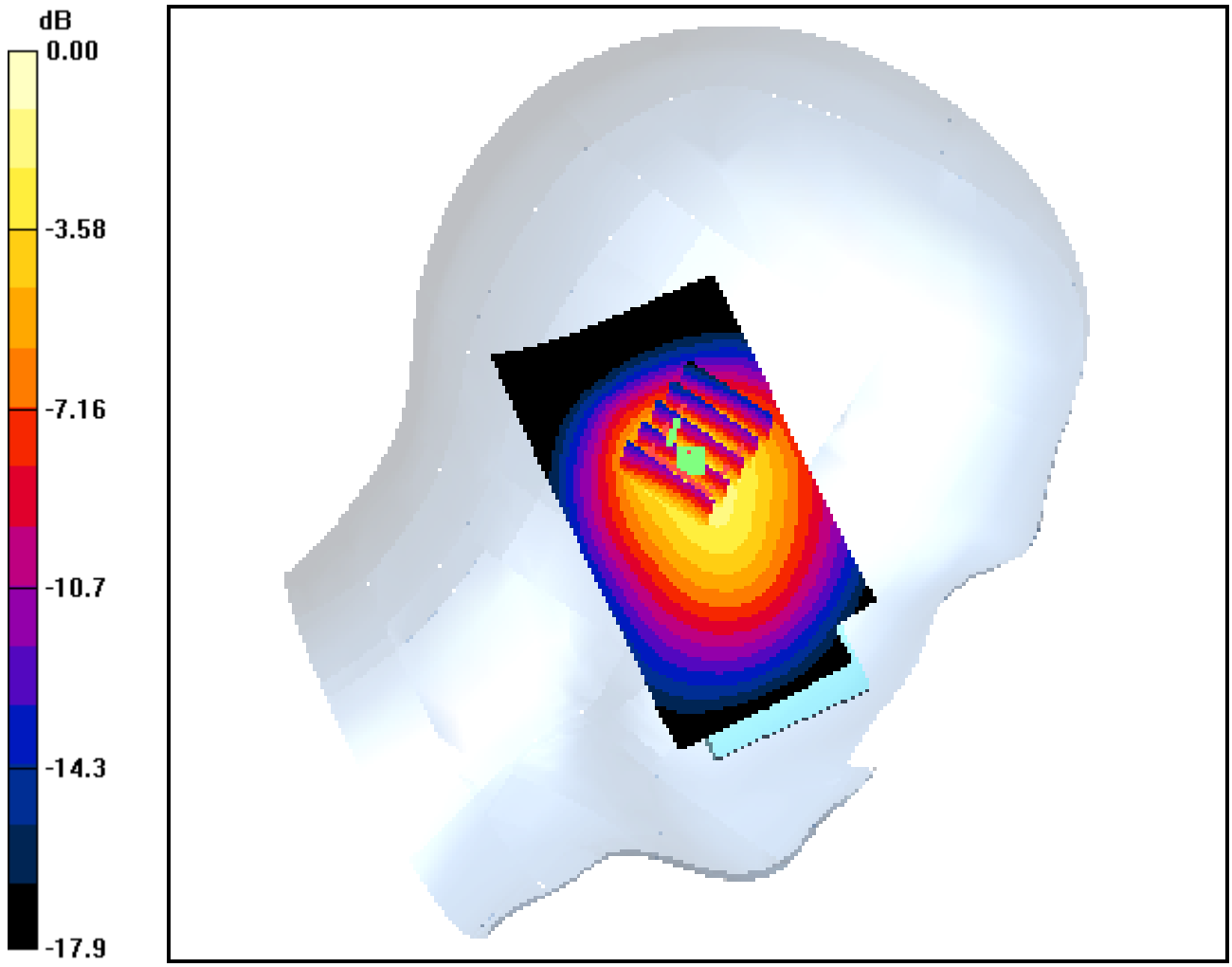
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.894 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Left Tilt, GSM Ch.190, 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 = -0.019 dB
Peak SAR (extrapolated) = 2.76 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.539 mW/g



0 dB = 1.15mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

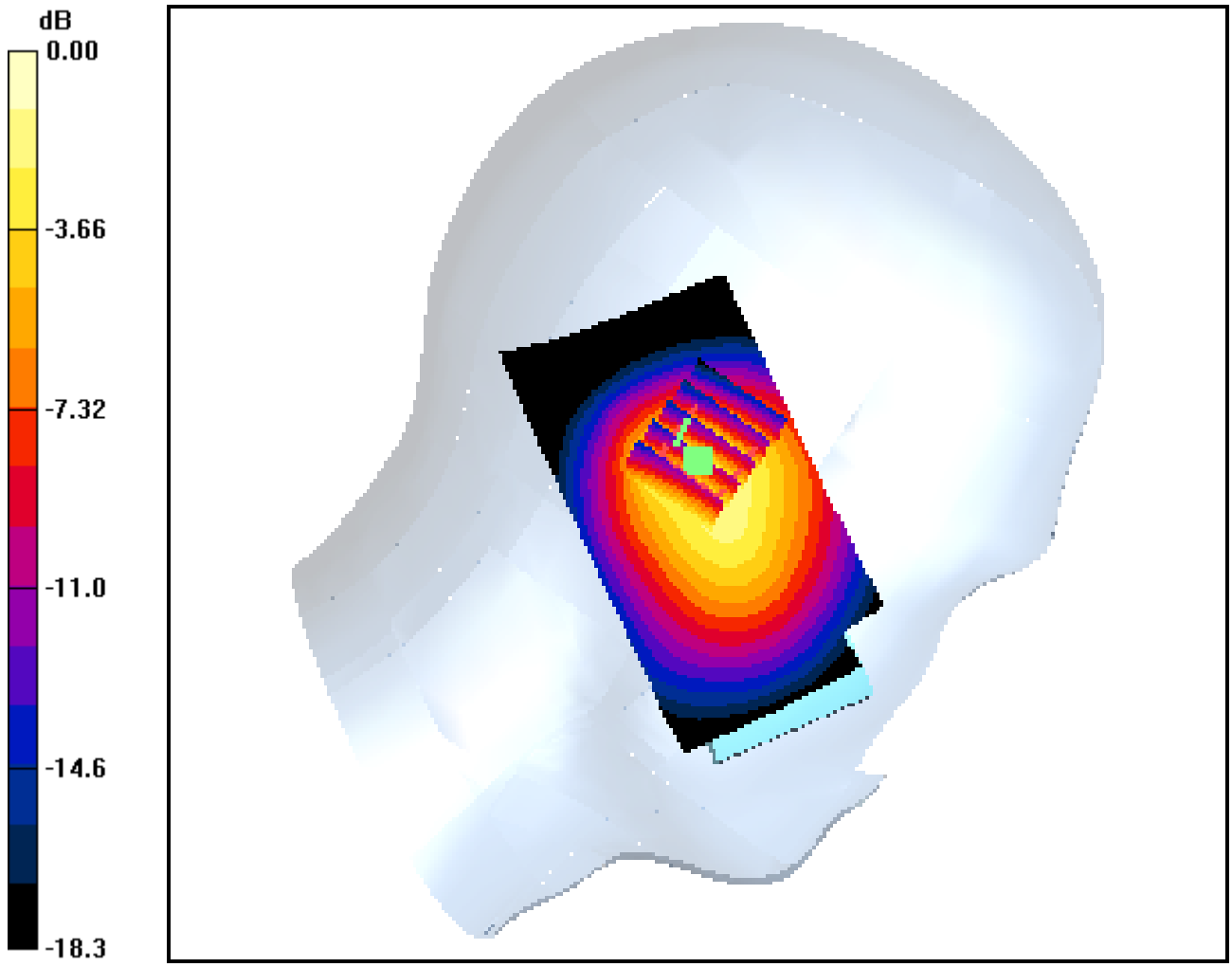
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 0.905 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp:22.0

Left Tilt, GSM Ch.251, 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 = -0.042 dB
Peak SAR (extrapolated) = 3.09 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.622 mW/g



0 dB = 1.28mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

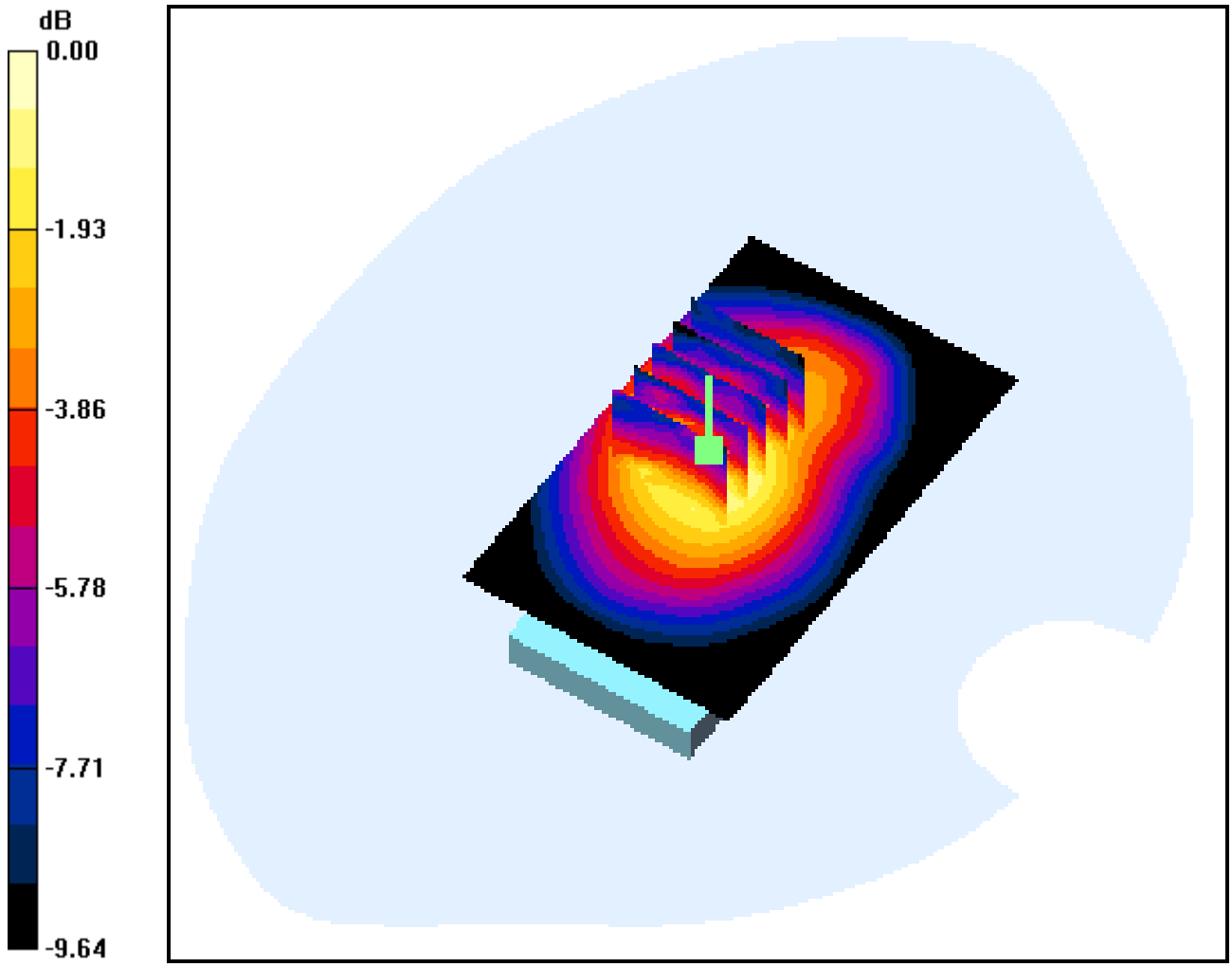
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 824.2 MHz; σ = 0.98 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.128, Ant Fixed, Charger mode

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.176 dB
Peak SAR (extrapolated) = 0.083 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.046 mW/g



0 dB = 0.070mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

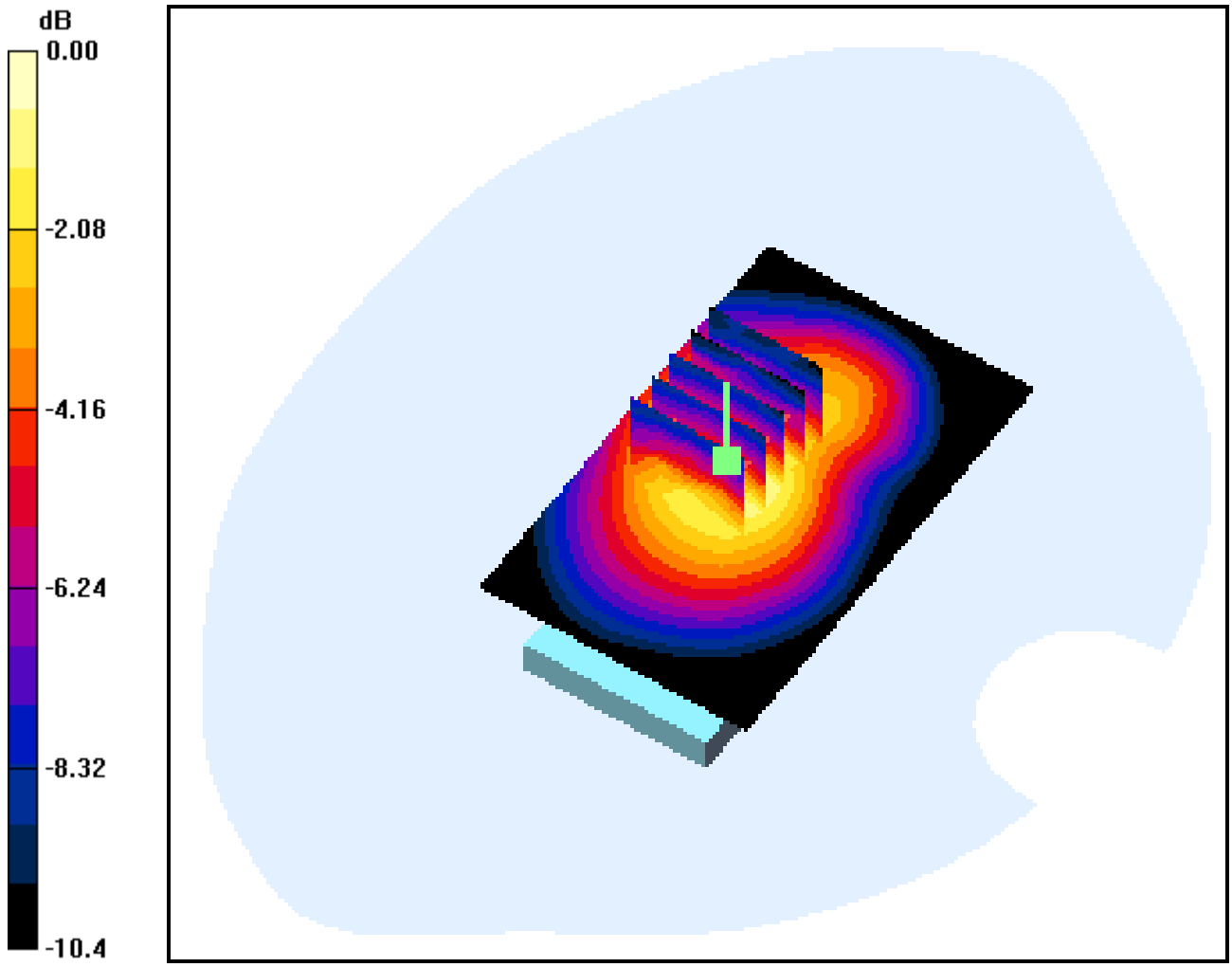
Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 836.6 MHz; σ = 0.992 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.190, Ant Fixed, Charger mode

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.064 mW/g



0 dB = 0.104mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

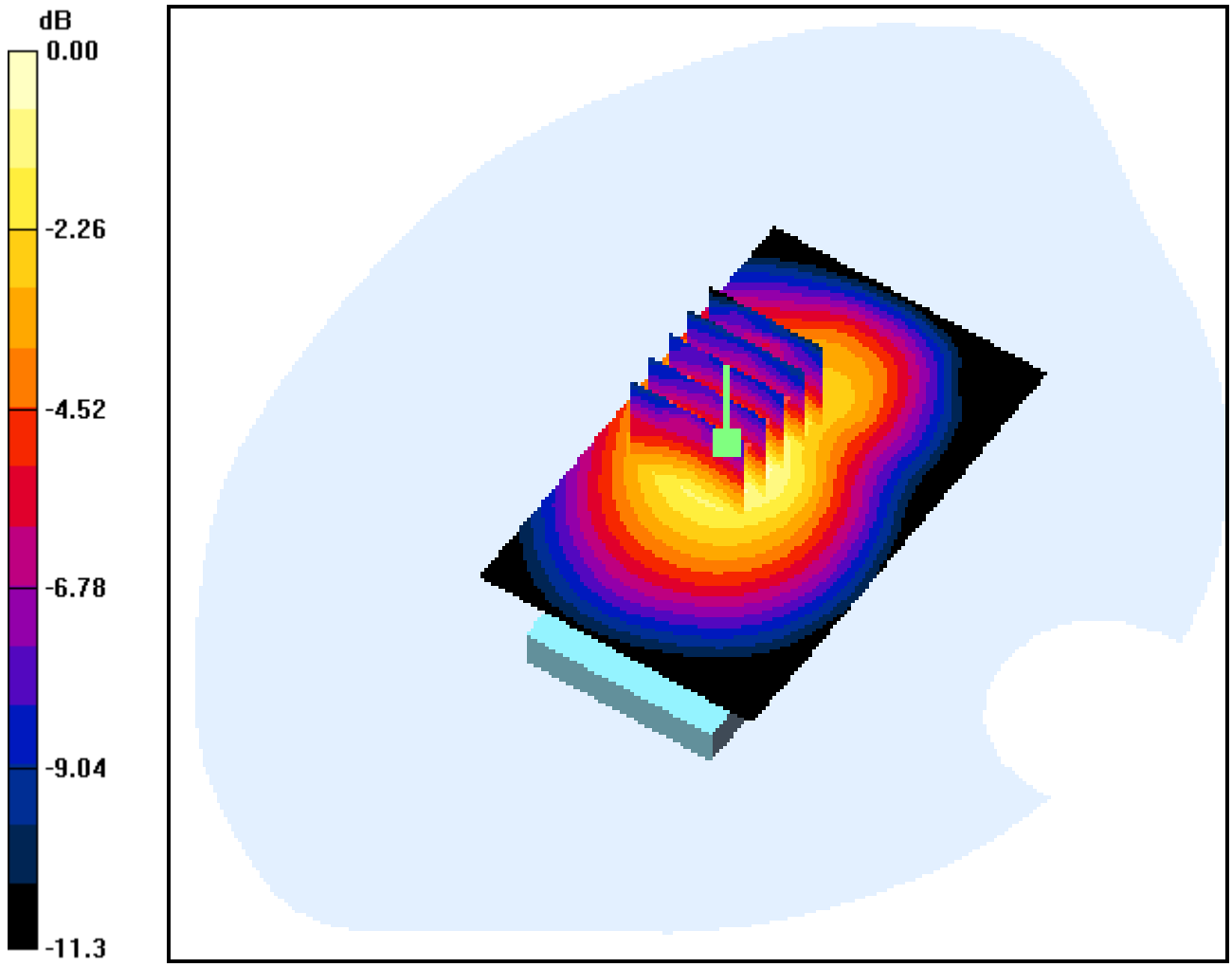
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2005-11-02; Ambient Temp: 23.0; Tissue Temp: 22.0

1.5cm from Body, GSM Ch.251, Ant Fixed, Charger mode

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.245 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.080 mW/g



0 dB = 0.128mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

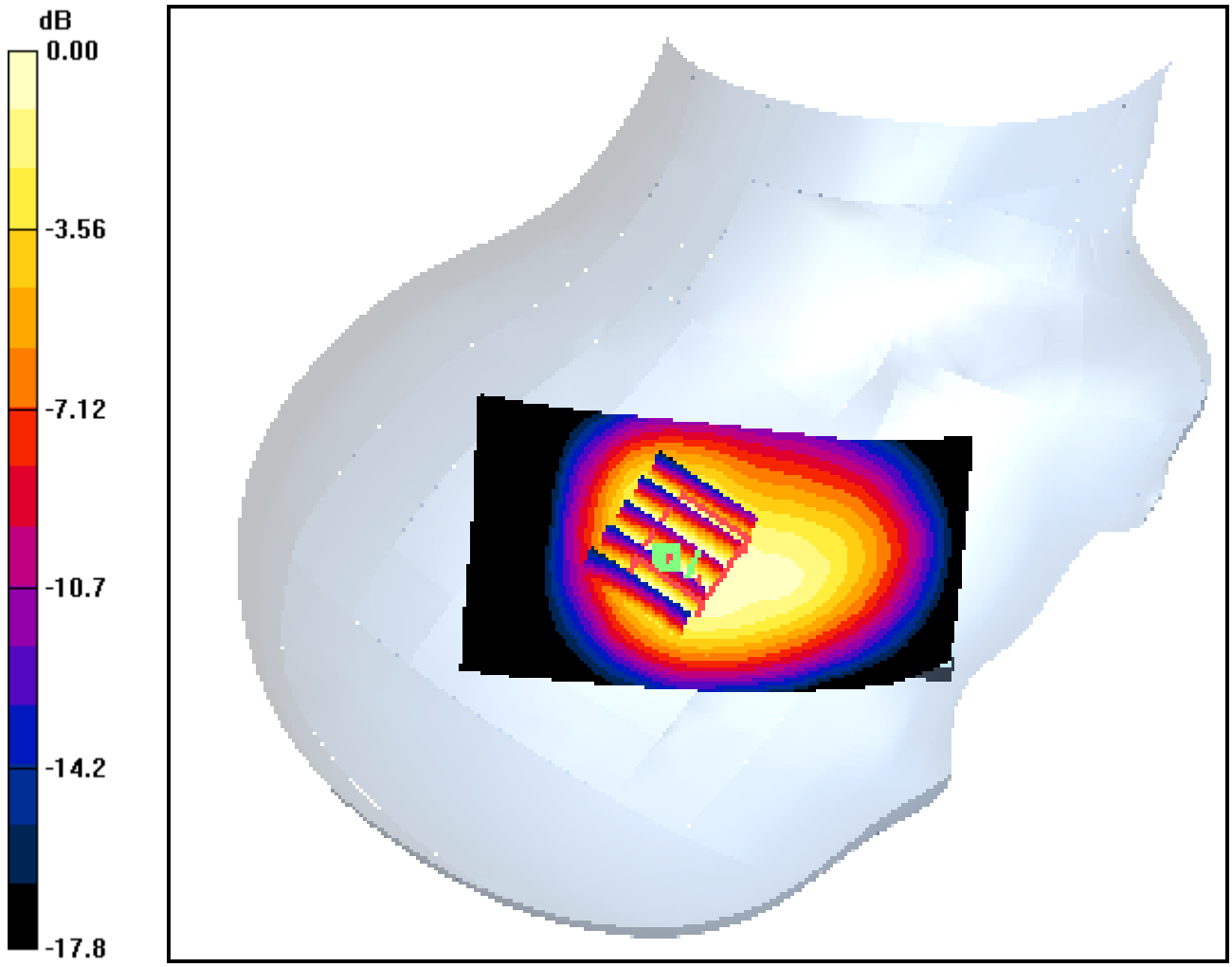
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

Right Touch, 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 = -0.309 dB
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.872 mW/g



0 dB = 1.48mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

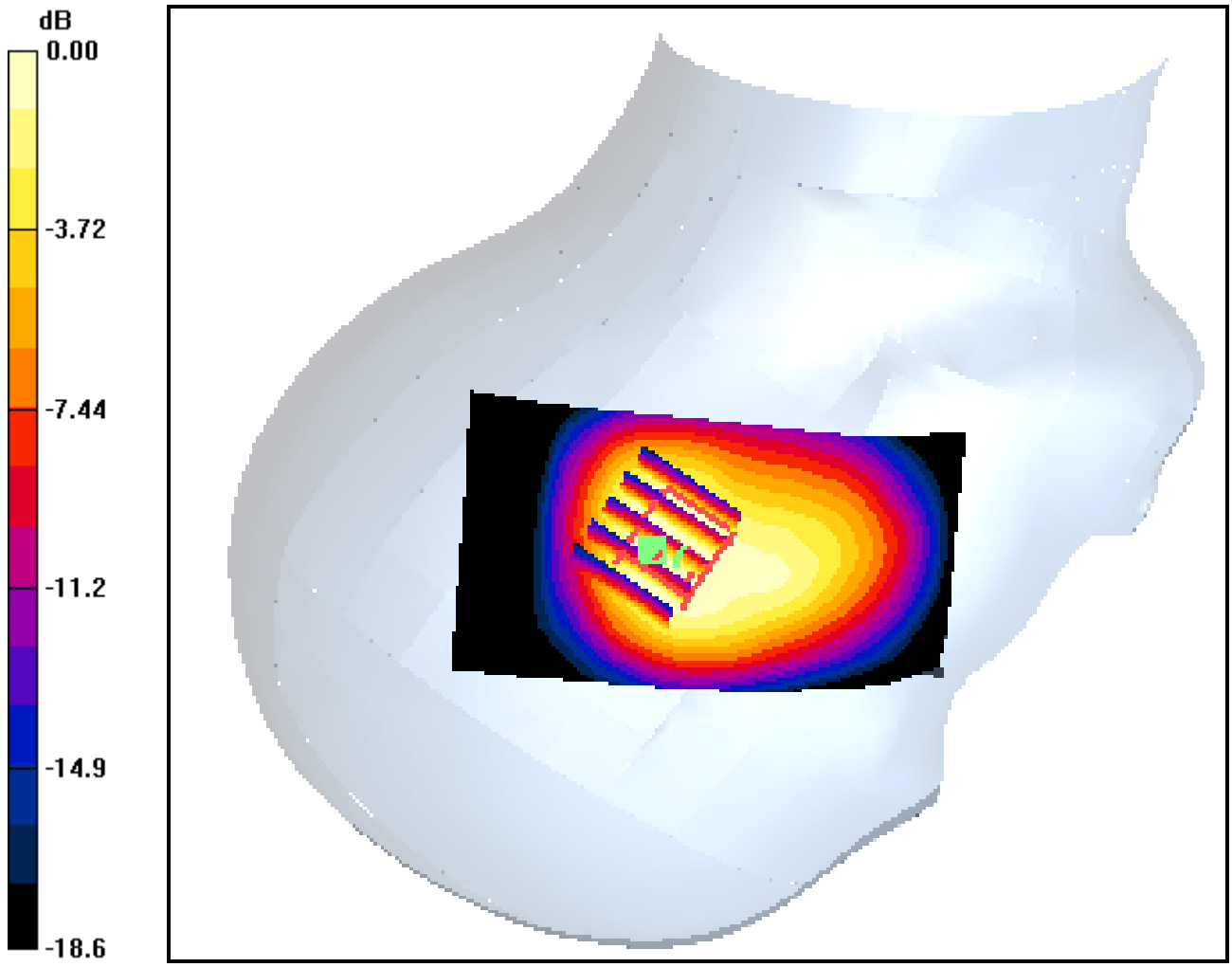
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

Right Touch, PCS Ch.661, 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 = -0.292 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.730 mW/g



0 dB = 1.25mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

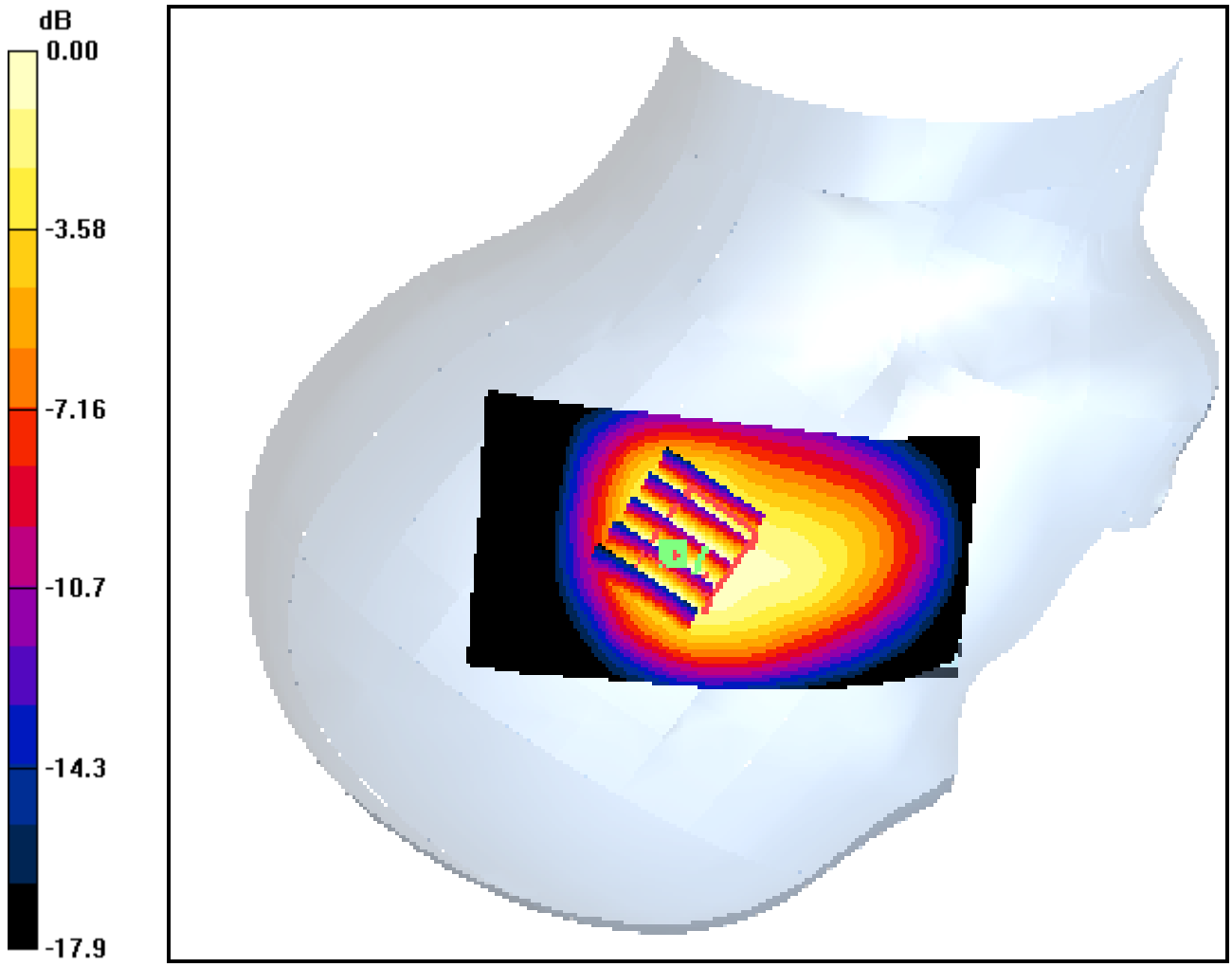
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.43 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

Right Touch, 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 = -0.158 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.452 mW/g



0 dB = 0.779mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

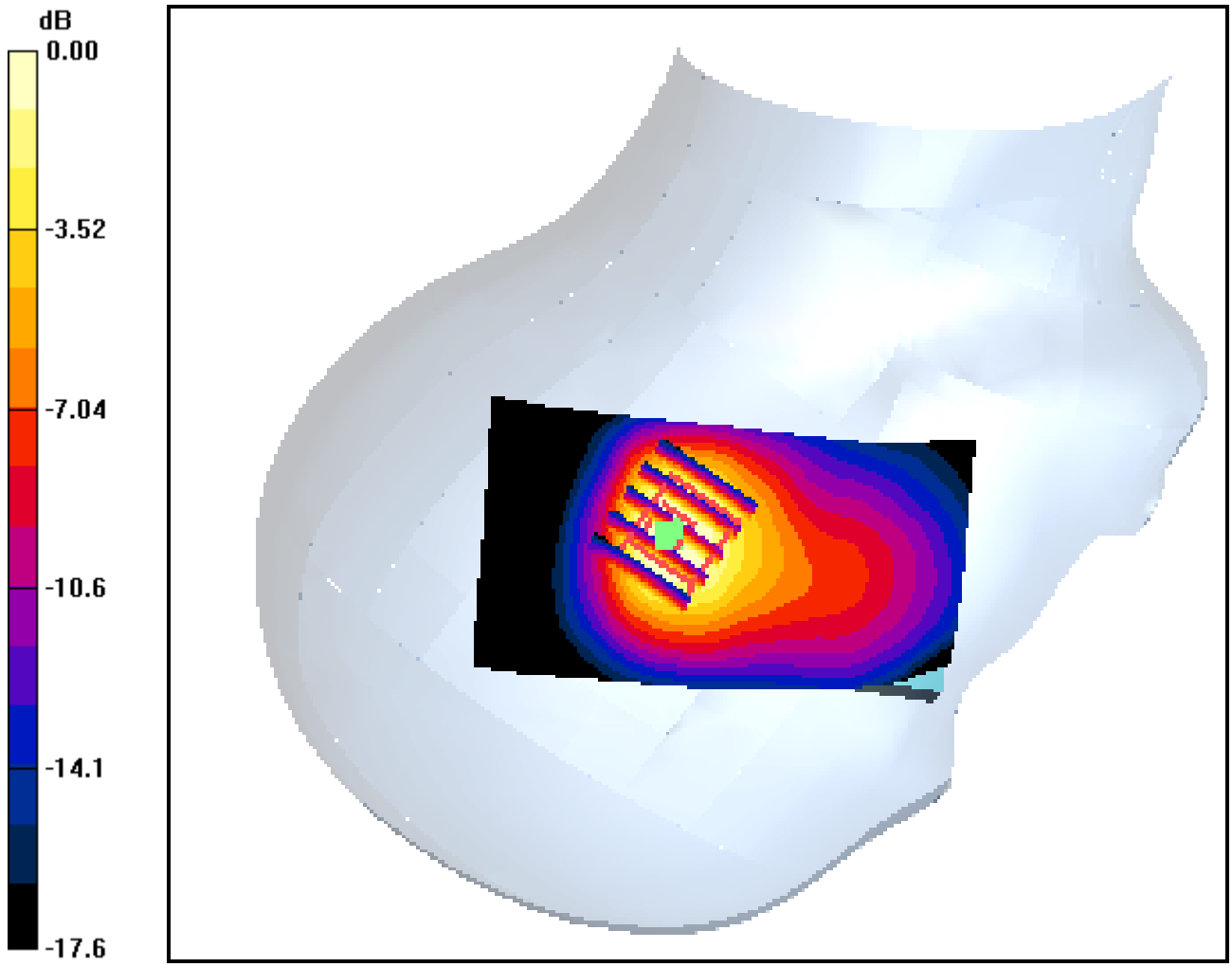
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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 = -0.298 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.651 mW/g



0 dB = 1.22mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

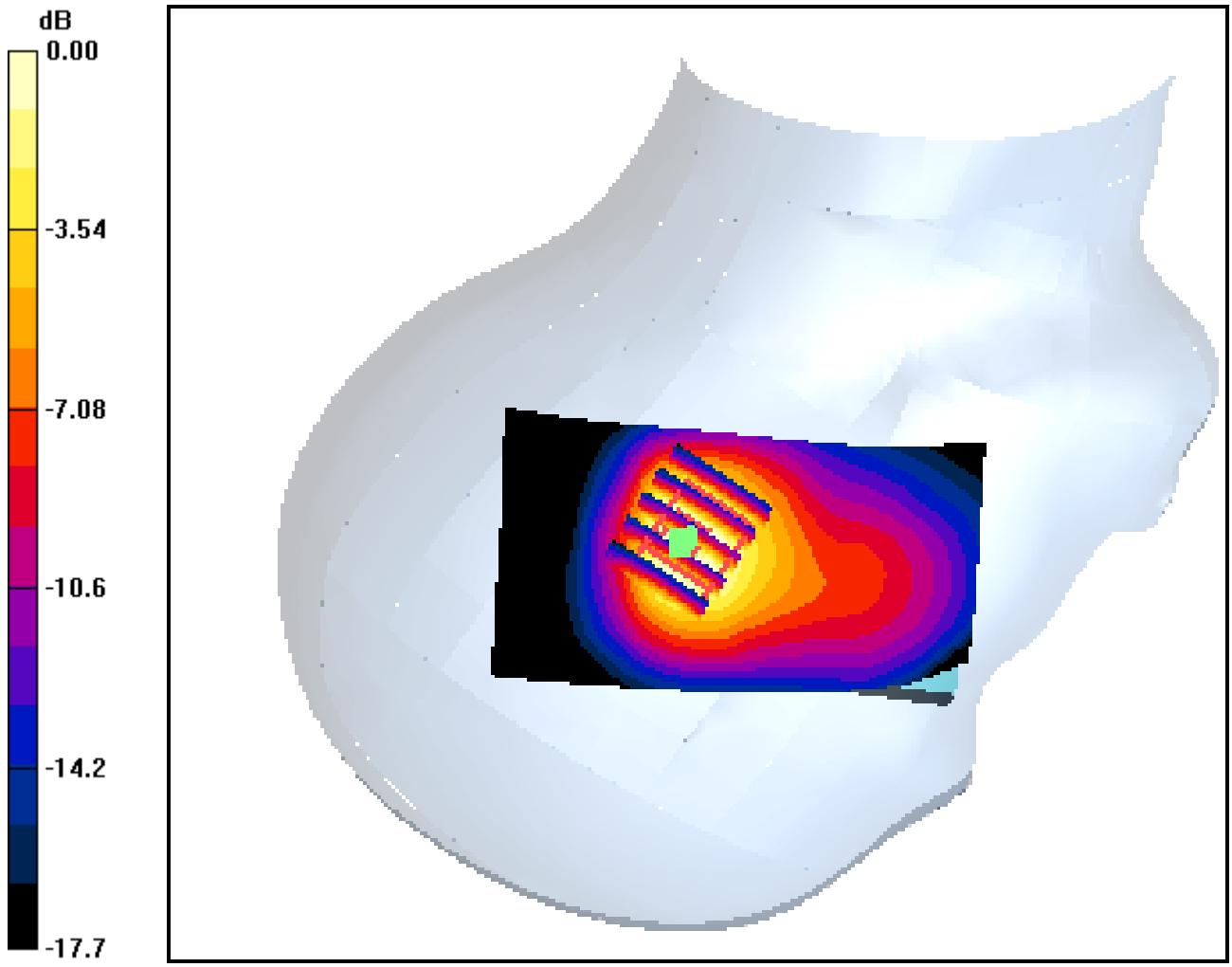
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

Right Tilt, PCS Ch.661, 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 = -0.262 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.511 mW/g



0 dB = 0.966mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

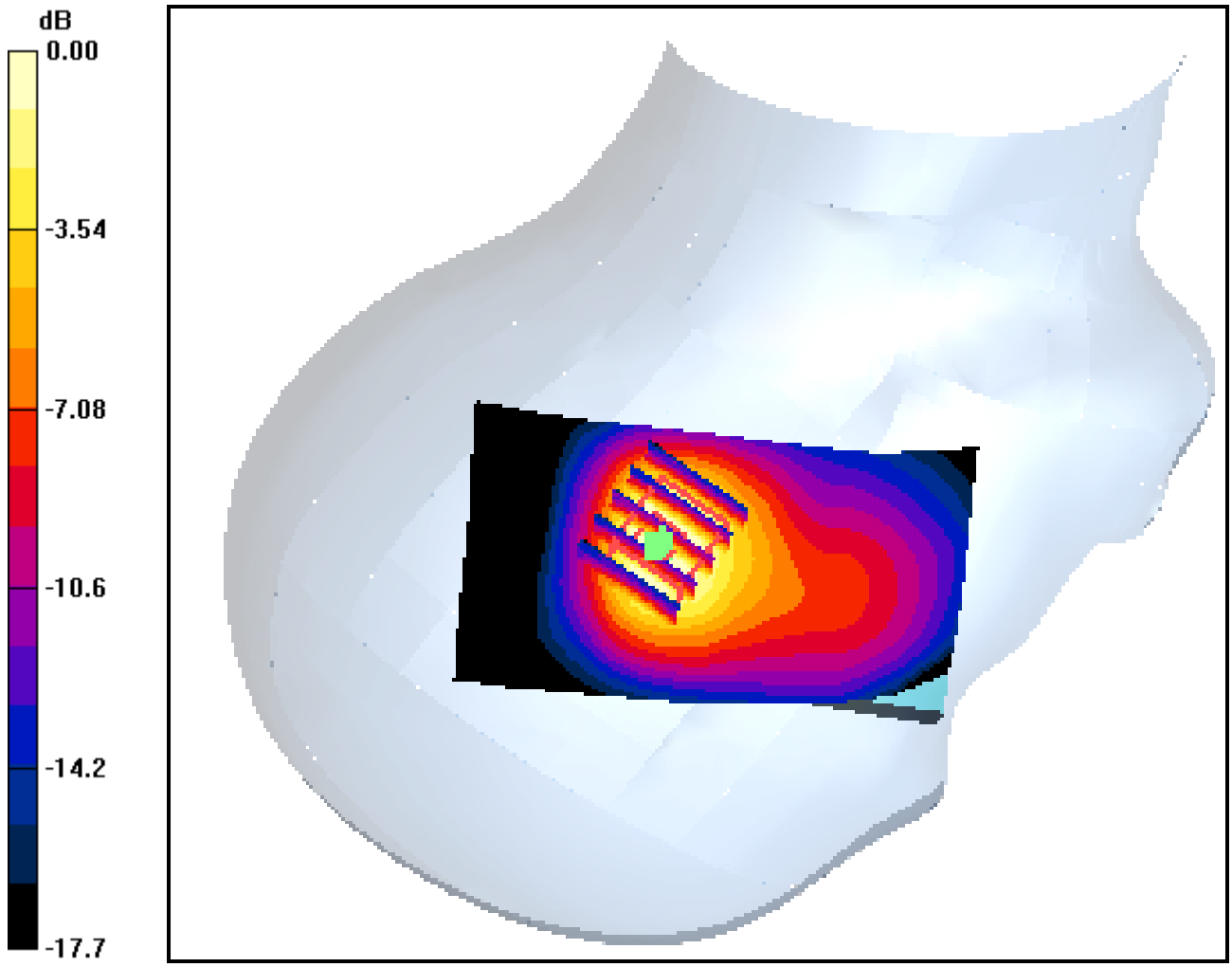
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.43 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Right Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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 = -0.128 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.297 mW/g



0 dB = 0.563mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

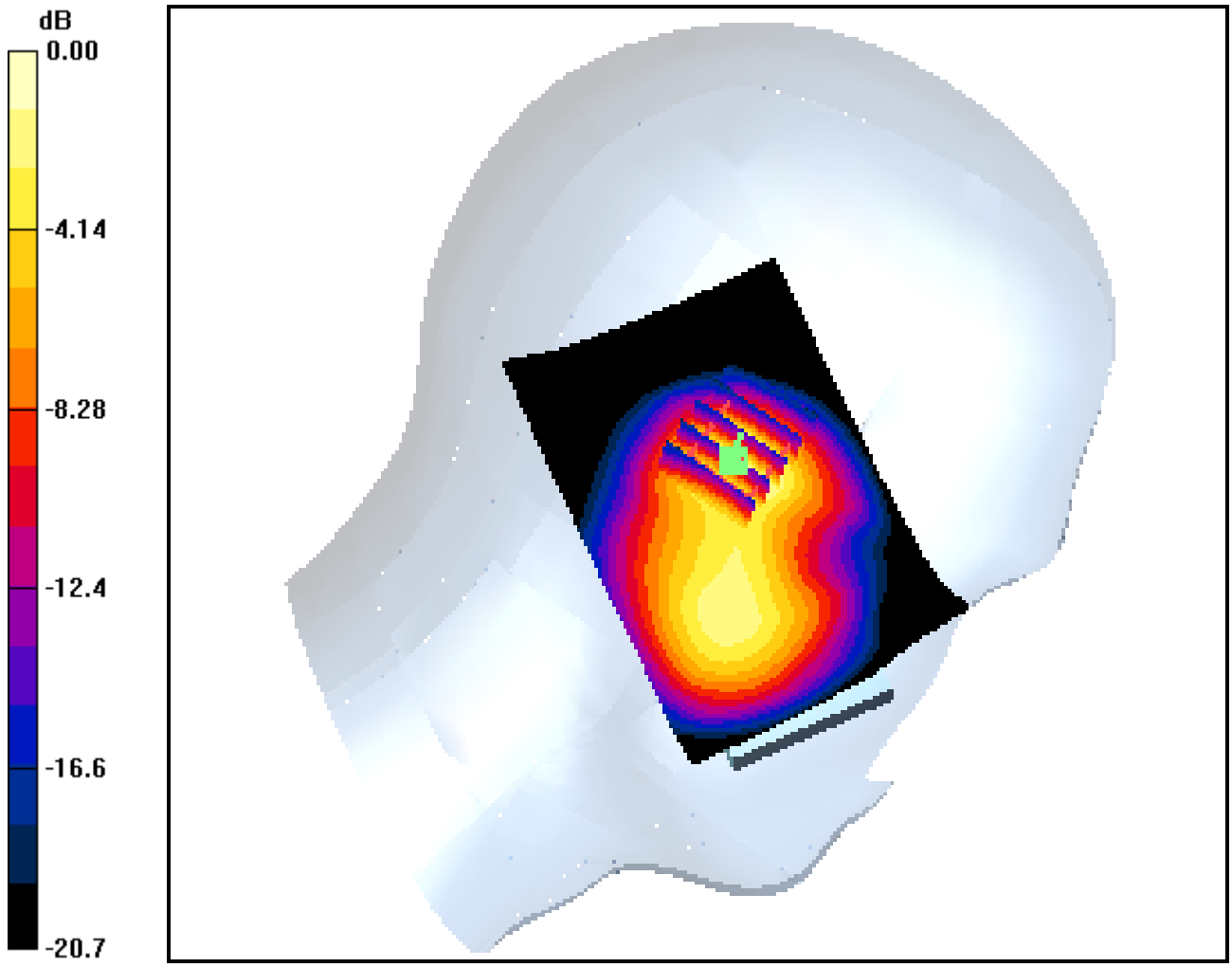
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.304 dB
Peak SAR (extrapolated) = 3.20 W/kg
SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.661 mW/g



0 dB = 1.55mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

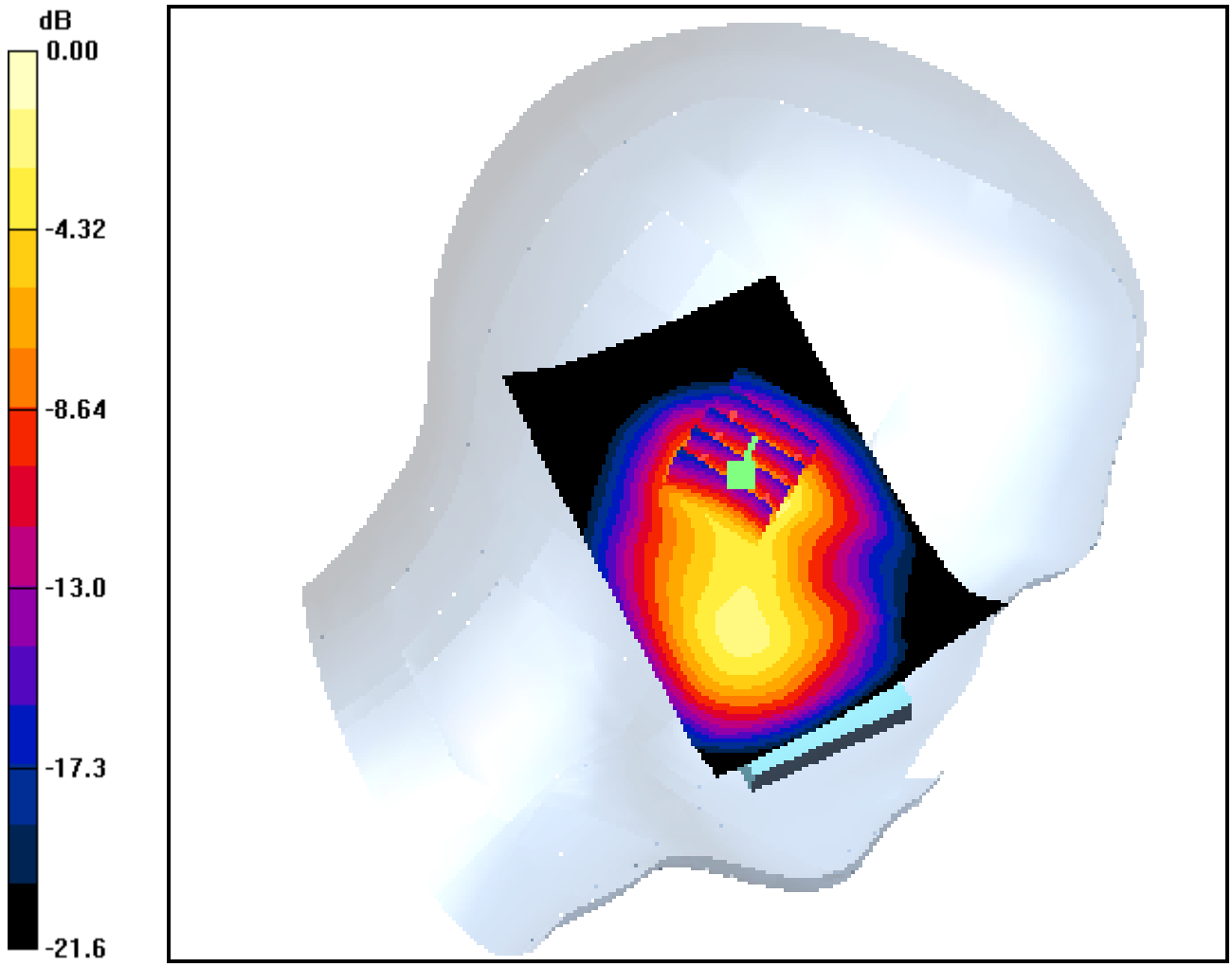
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.234 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.552 mW/g



0 dB = 1.29mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

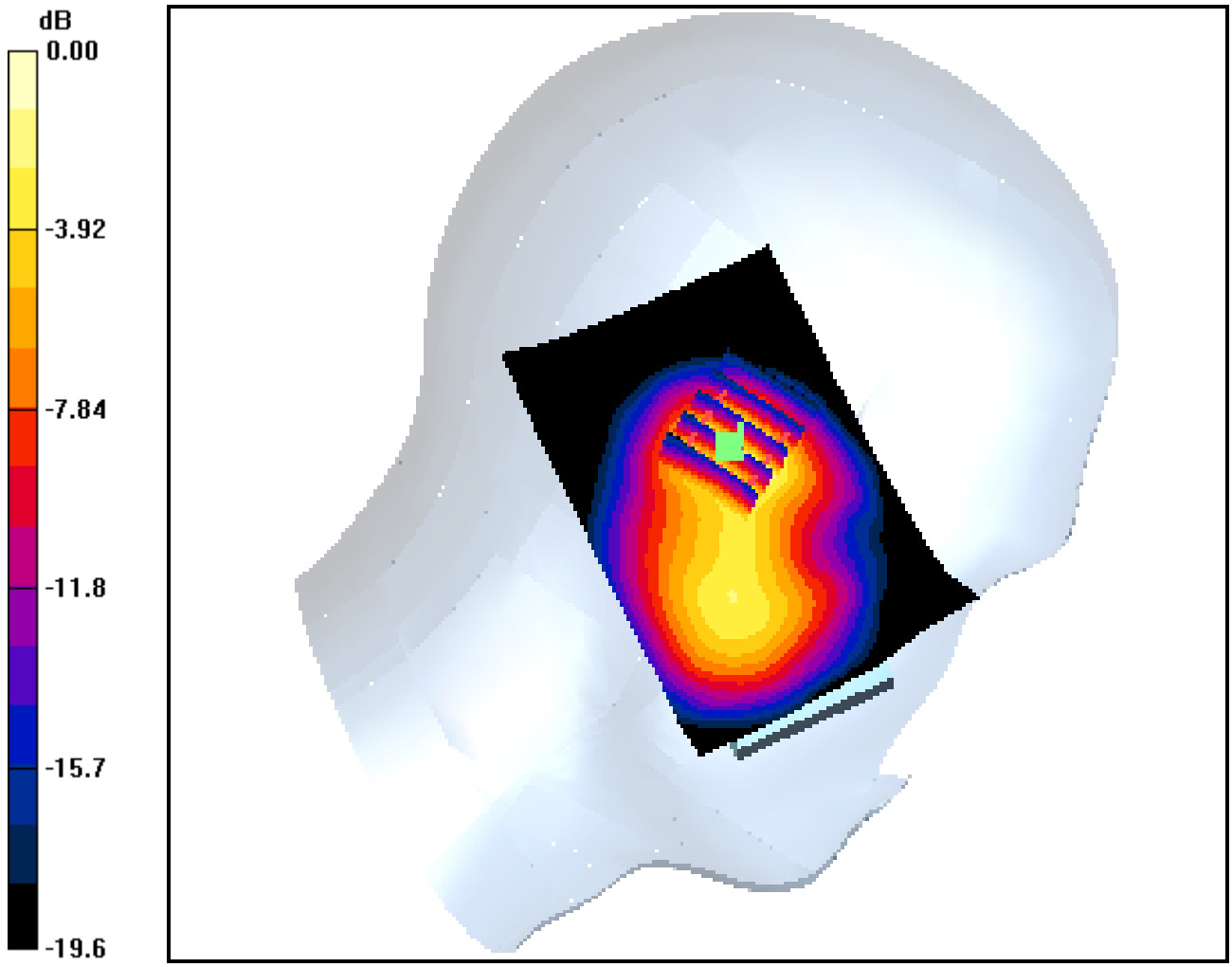
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.43 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.124 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.331 mW/g



0 dB = 0.779mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

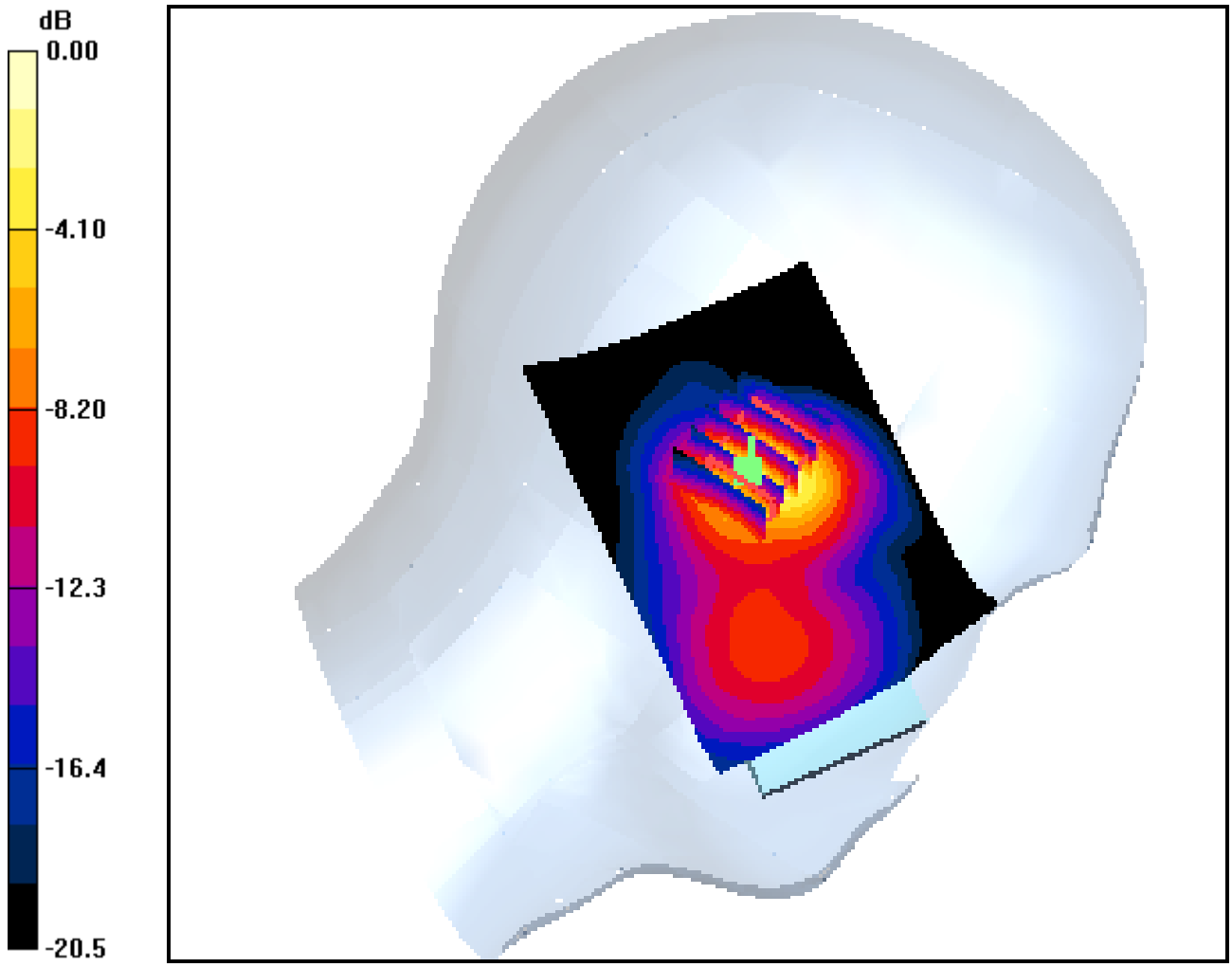
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.257 dB
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.490 mW/g



0 dB = 1.29mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

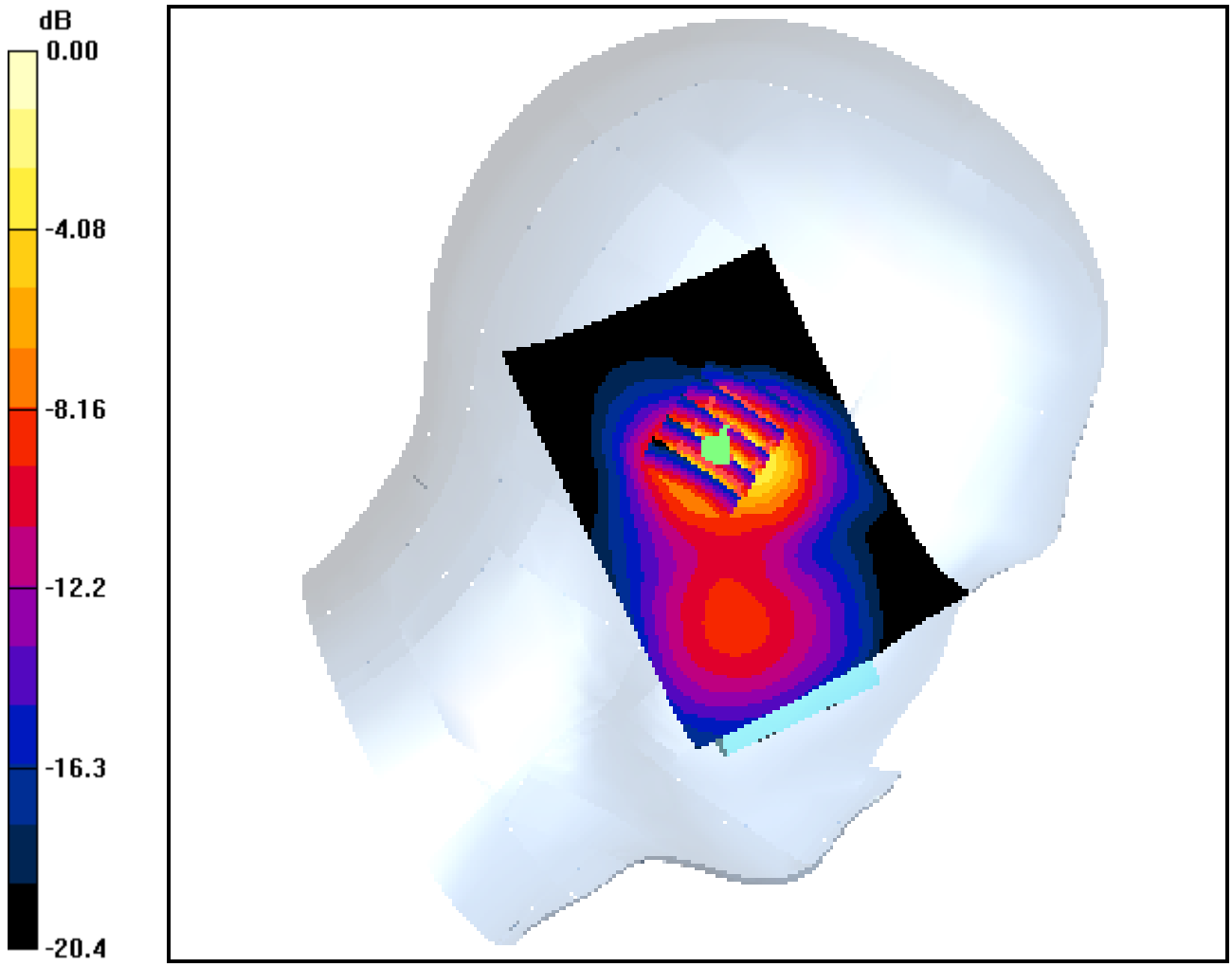
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.180 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.403 mW/g



0 dB = 1.09mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

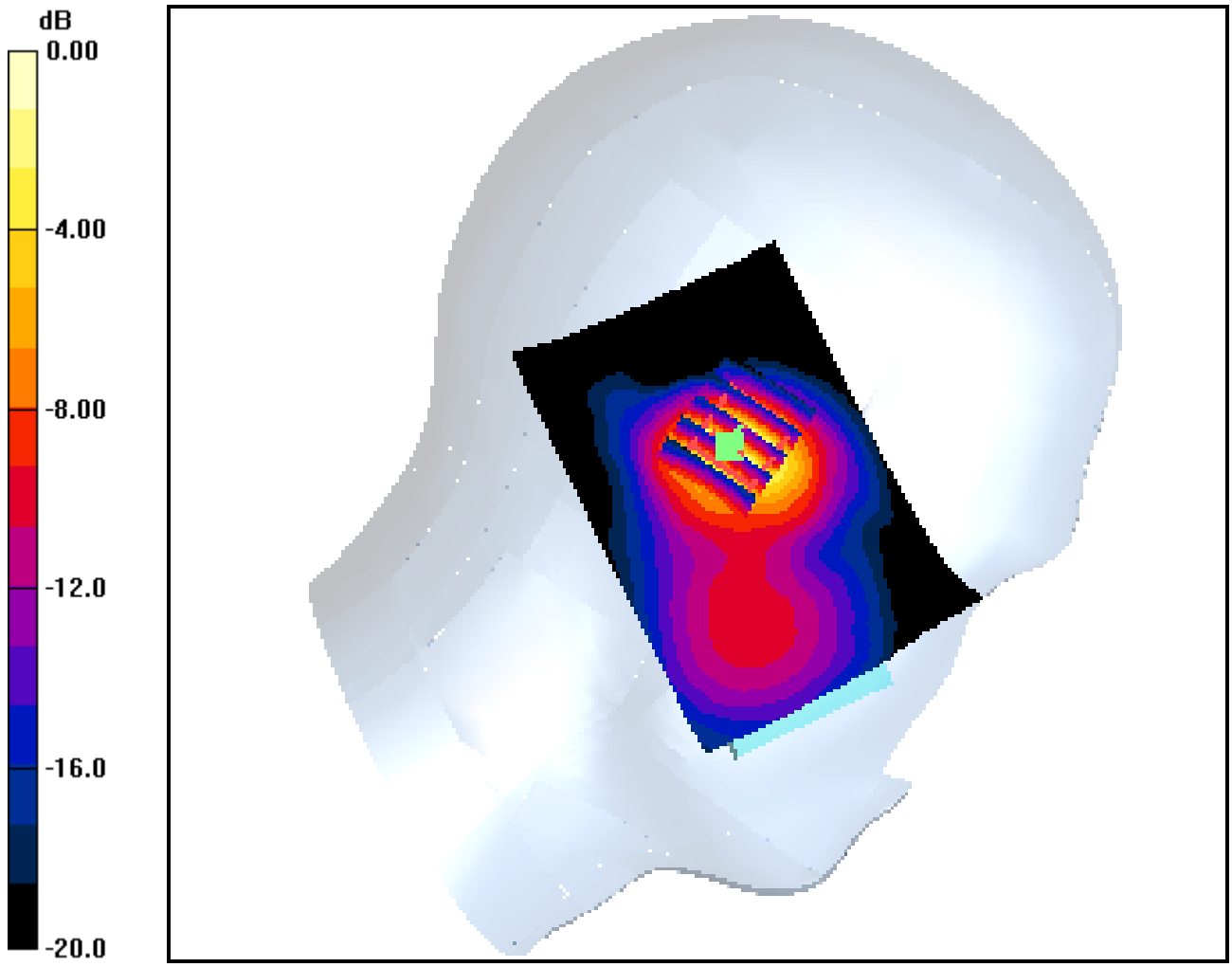
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.43 mho/m; ε_r = 38.6; ρ = 1000 kg/m^3
Phantom section: Left Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp:21.5

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

Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.275 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.264 mW/g



0 dB = 0.707mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

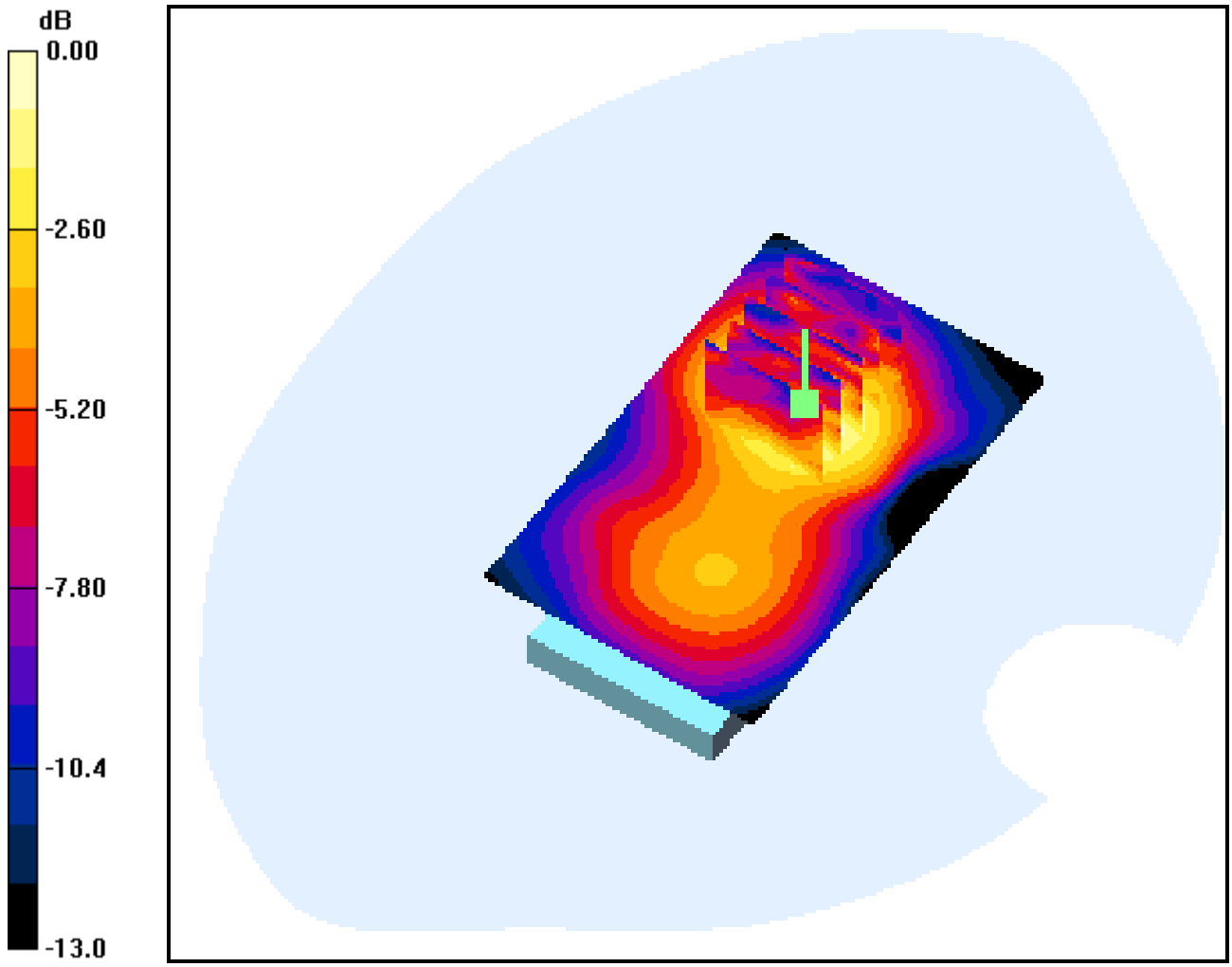
Communication System: PCS1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp: 21.5

1.5cm from Body, PCS Ch.512, Ant Fixed, Charger mode

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.094 mW/g



0 dB = 0.154mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

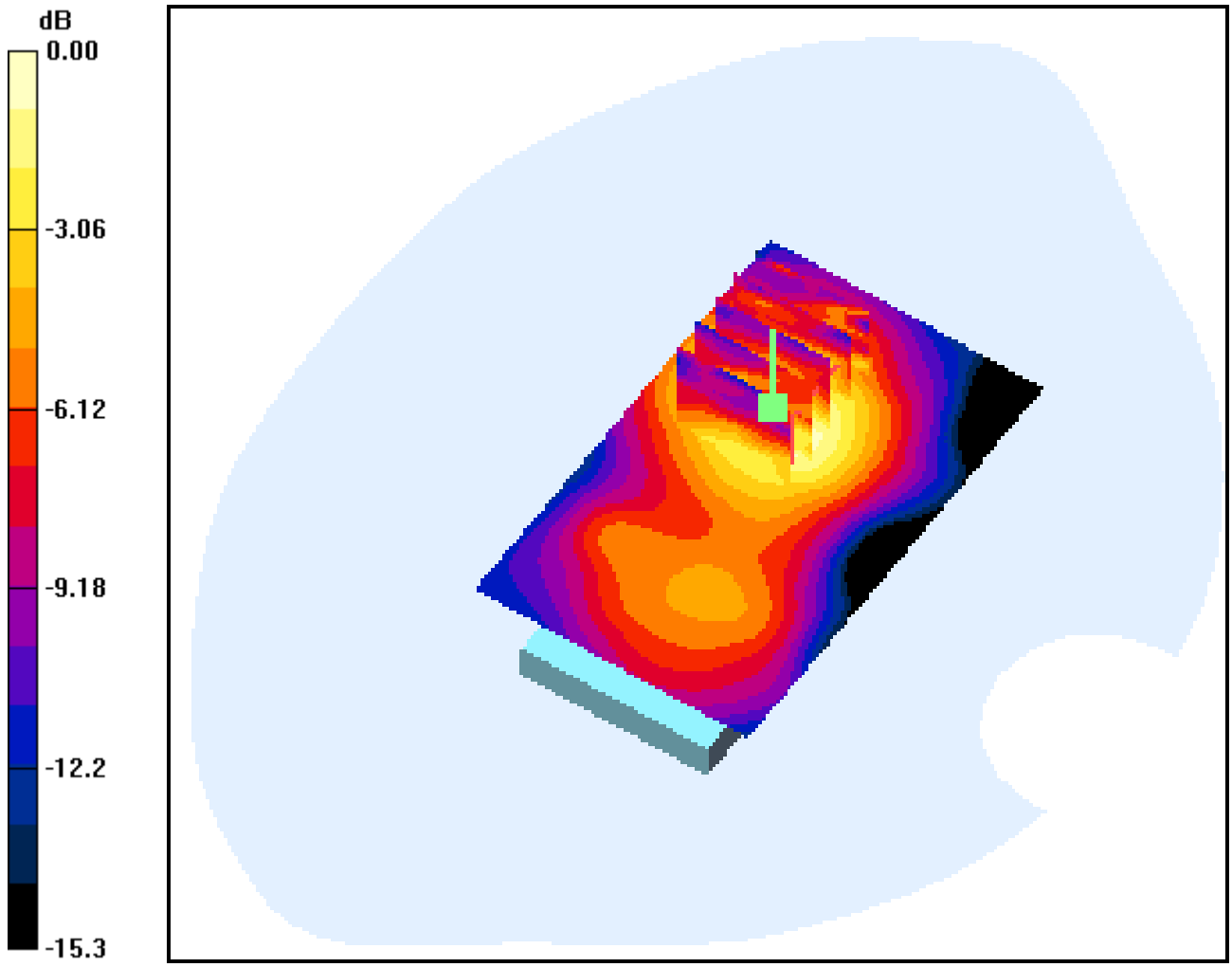
Communication System: PCS1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.5 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp: 21.5

1.5cm from Body, PCS Ch.661, Ant Fixed, Charger mode

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = 0.257 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.101 mW/g



0 dB = 0.165mW/g

DIGITAL EMC CO., LTD

DUT: VK2000; Type: BAR Type

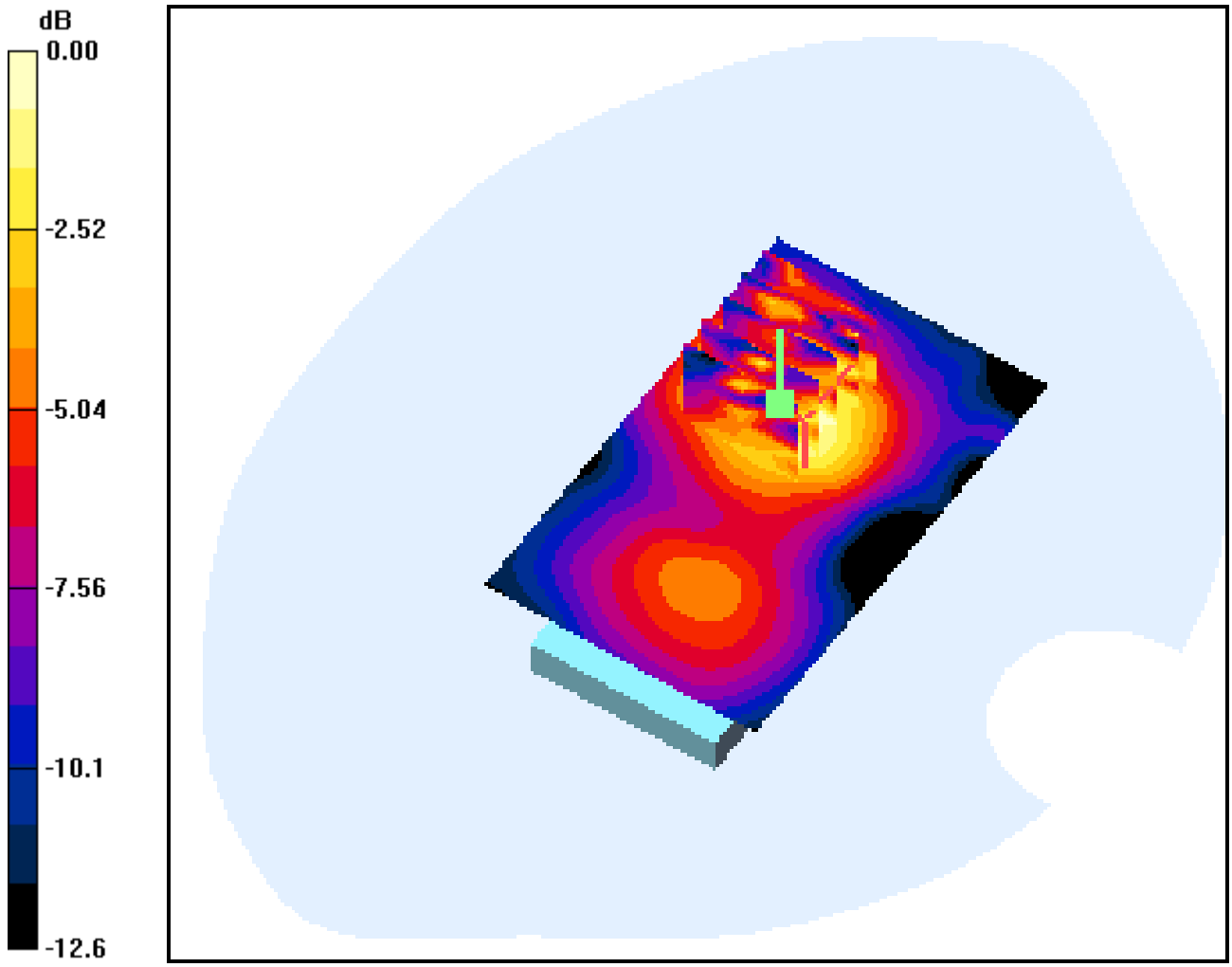
Communication System: PCS1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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: 2005-11-03; Ambient Temp: 22.0; Tissue Temp: 21.5

1.5cm from Body, PCS Ch.810, Ant Fixed, Charger mode

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Power Drift = -0.215 dB
Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.062 mW/g



0 dB = 0.096mW/g