

Appendix B1:

SAR Distribution Plots (Head)

Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch383 Left Cheek

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.86 mho/m; ϵ_r = 43.4; ρ = 1000 kg/m³
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.67, 6.67, 6.67), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

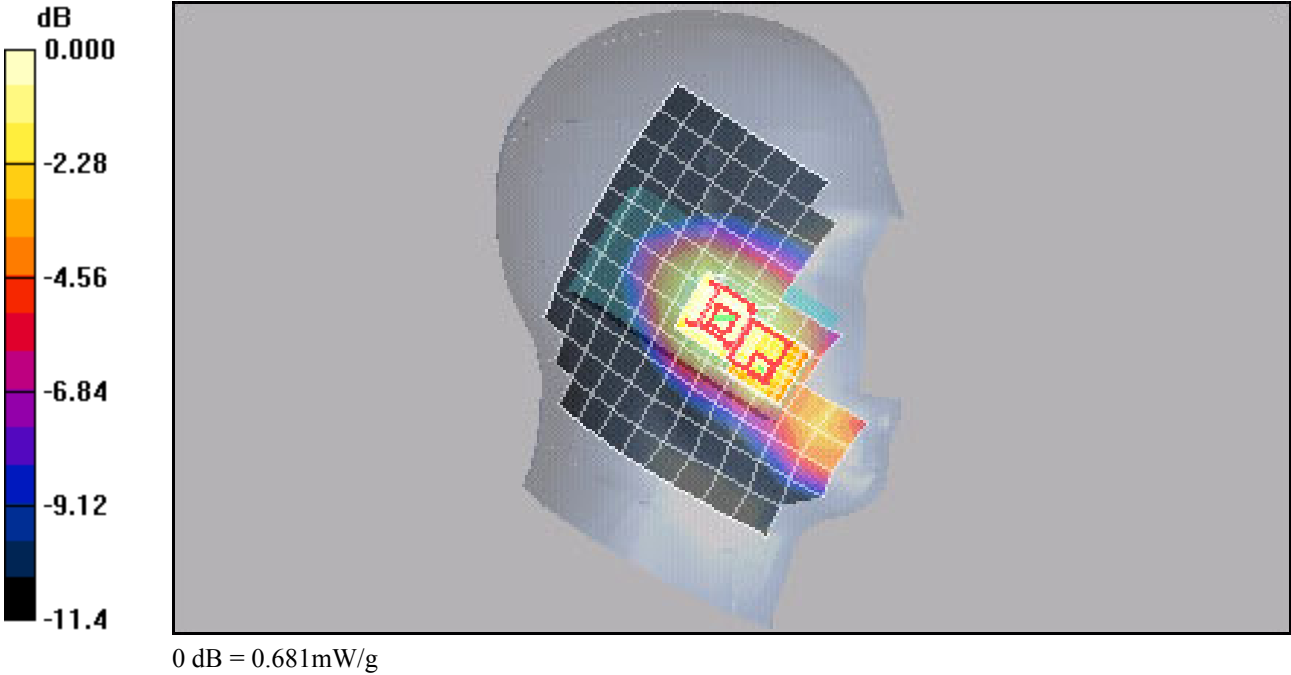
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.514 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.754 mW/g

CDMA-800 Ch383 LC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.379 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.681 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch383 Left Tilt

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.86 mho/m; ϵ_r = 43.4; ρ = 1000 kg/m³
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.67, 6.67, 6.67), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

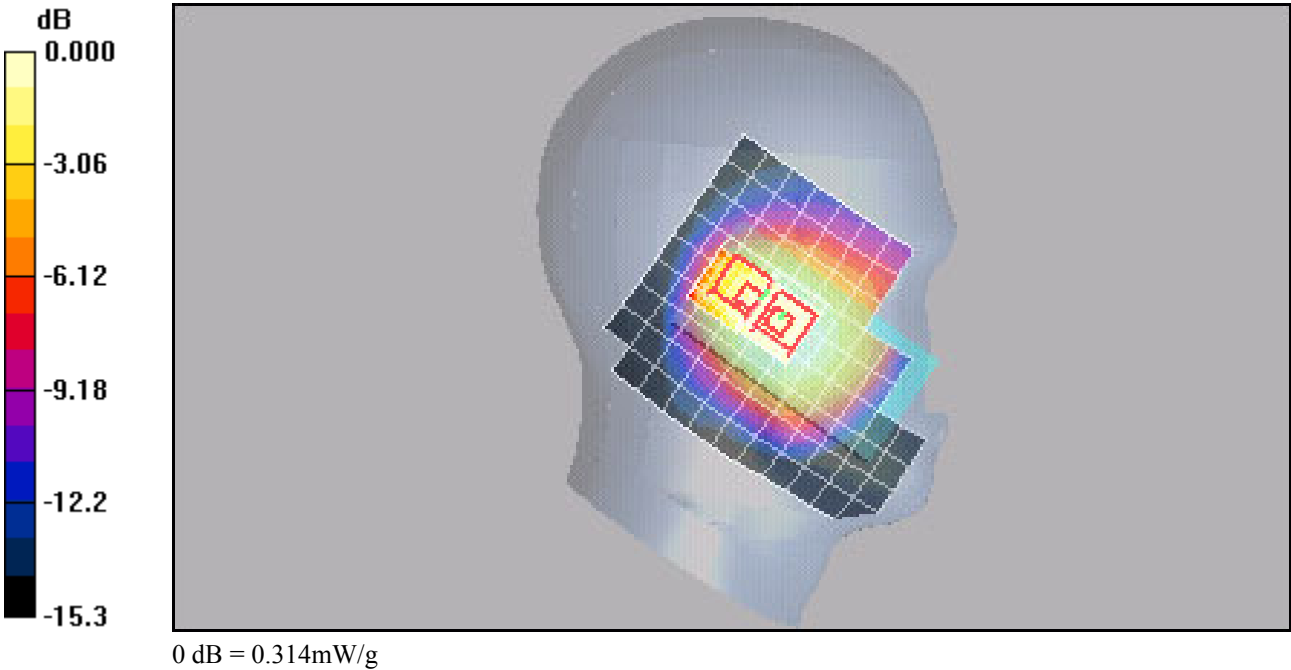
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 0.426 W/kg
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.253 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.355 mW/g

CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.0 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.160 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.314 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch1013 Right Cheek with Bluetooth on

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 824.7 MHz; σ = 0.86 mho/m; ϵ_r = 43.4; ρ = 1000 kg/m³
Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.67, 6.67, 6.67), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

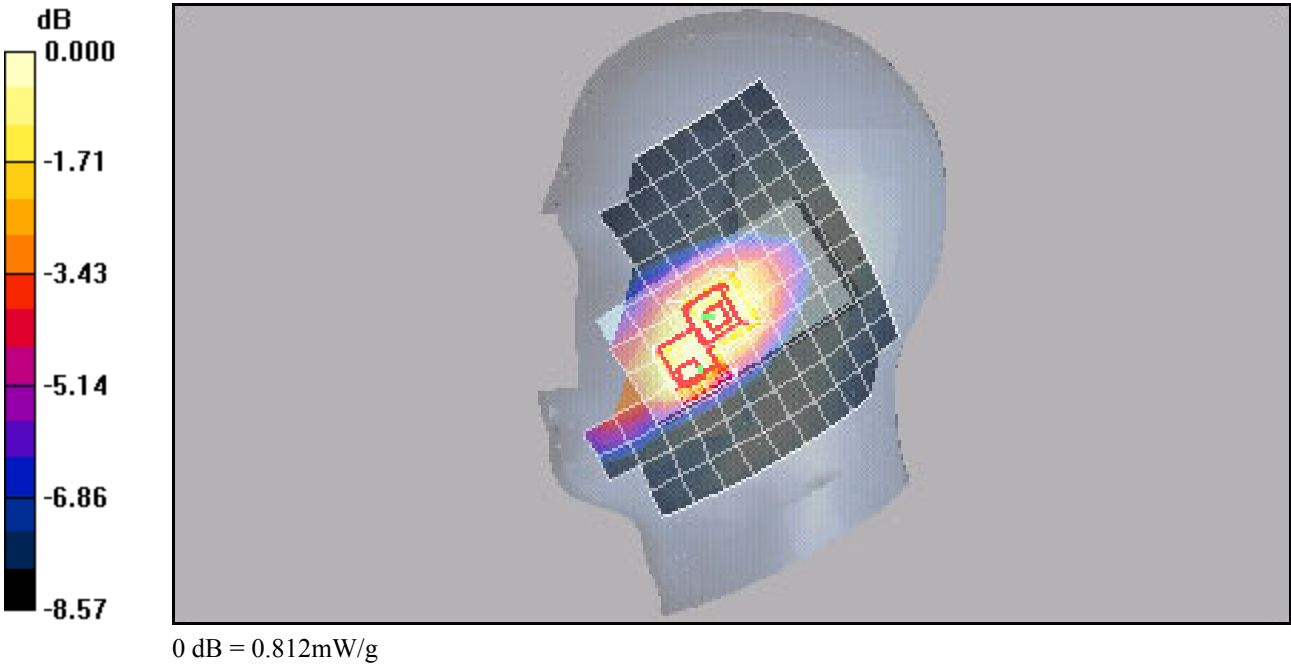
Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

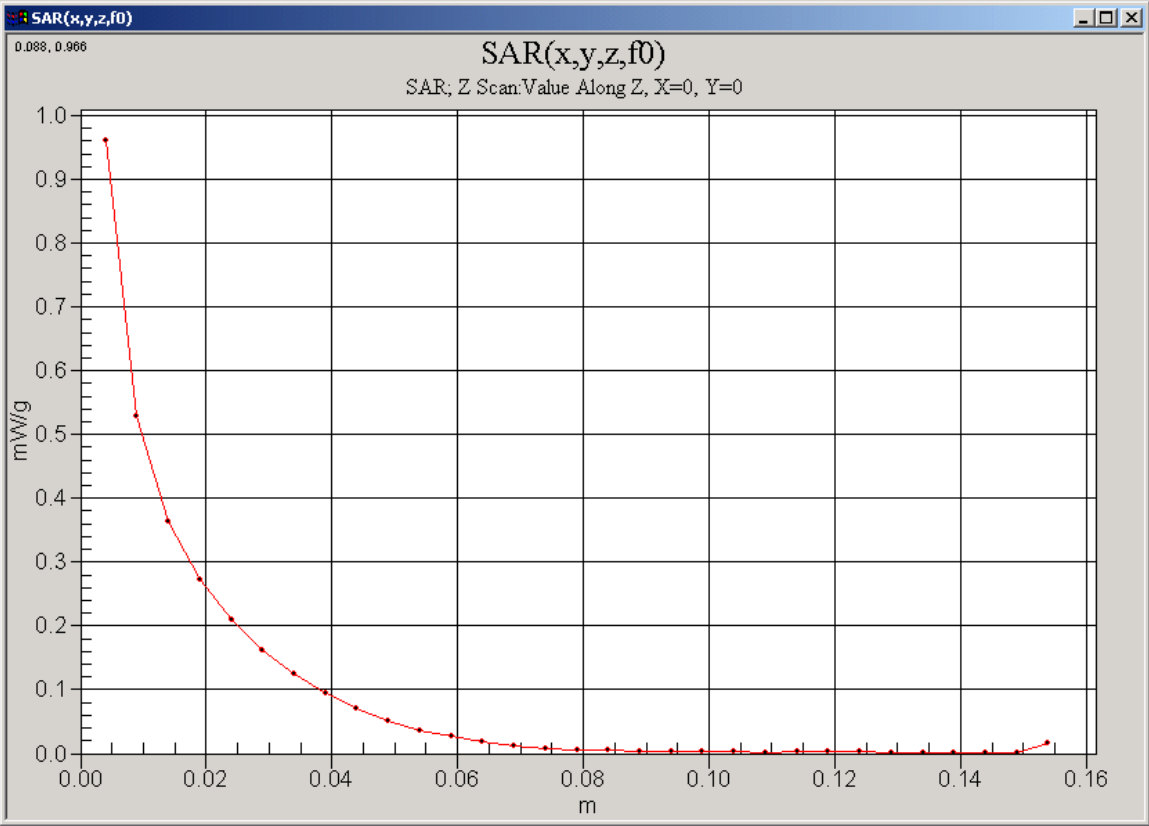
CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 2.99 W/kg
SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.562 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 1.05 mW/g

CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.987 W/kg
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.574 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.812 mW/g





Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-800 Ch383 Right Tilt

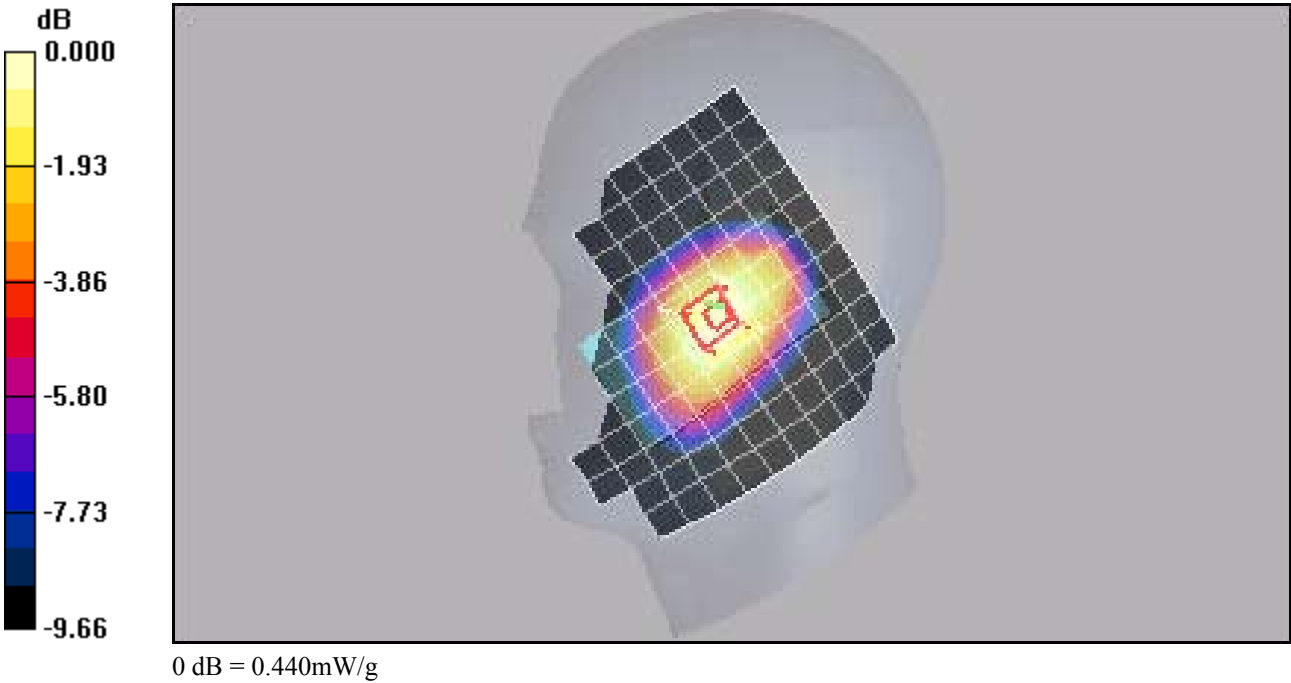
Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1
Medium: HSL900,Medium parameters used (interpolated): f = 836.49 MHz; σ = 0.86 mho/m; ϵ_r = 43.4; ρ = 1000 kg/m³
Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(6.67, 6.67, 6.67), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = 0.051 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.308 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.440 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch600 Left Cheek

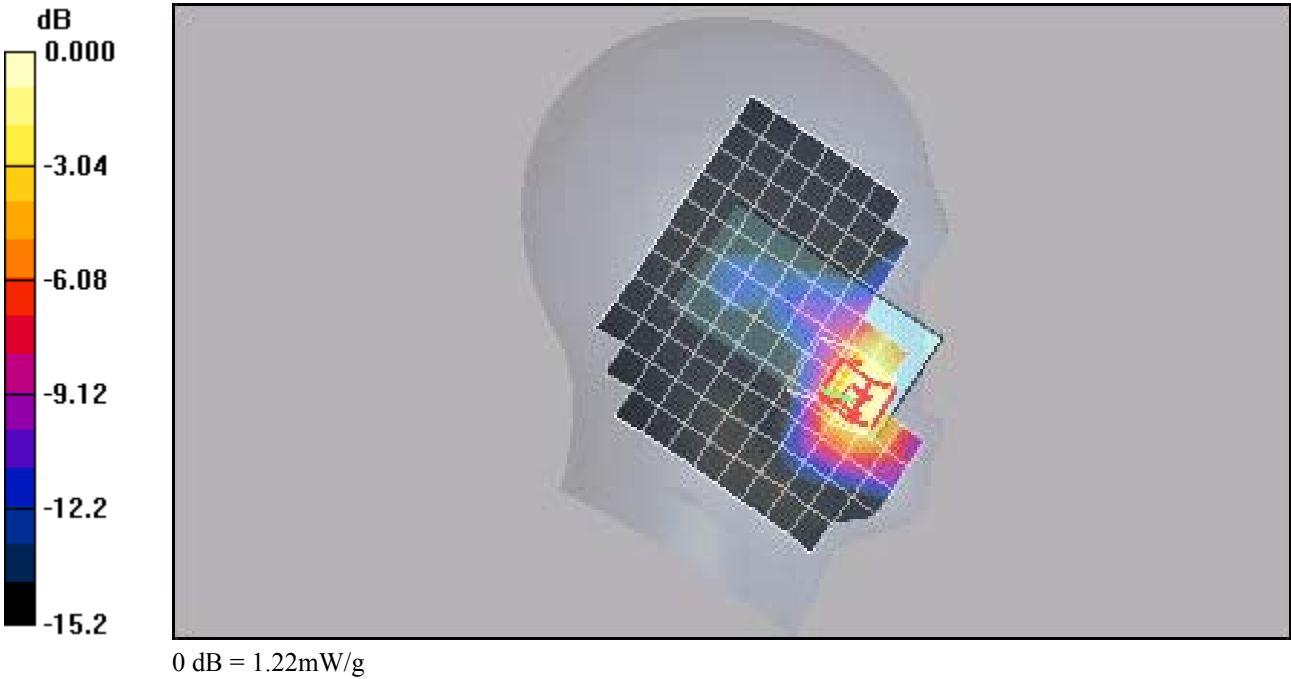
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800,Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.92, 4.92, 4.92), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.62 V/m; Power Drift = 0.142 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.720 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 1.22 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch600 Left Cheek with Bluetooth on

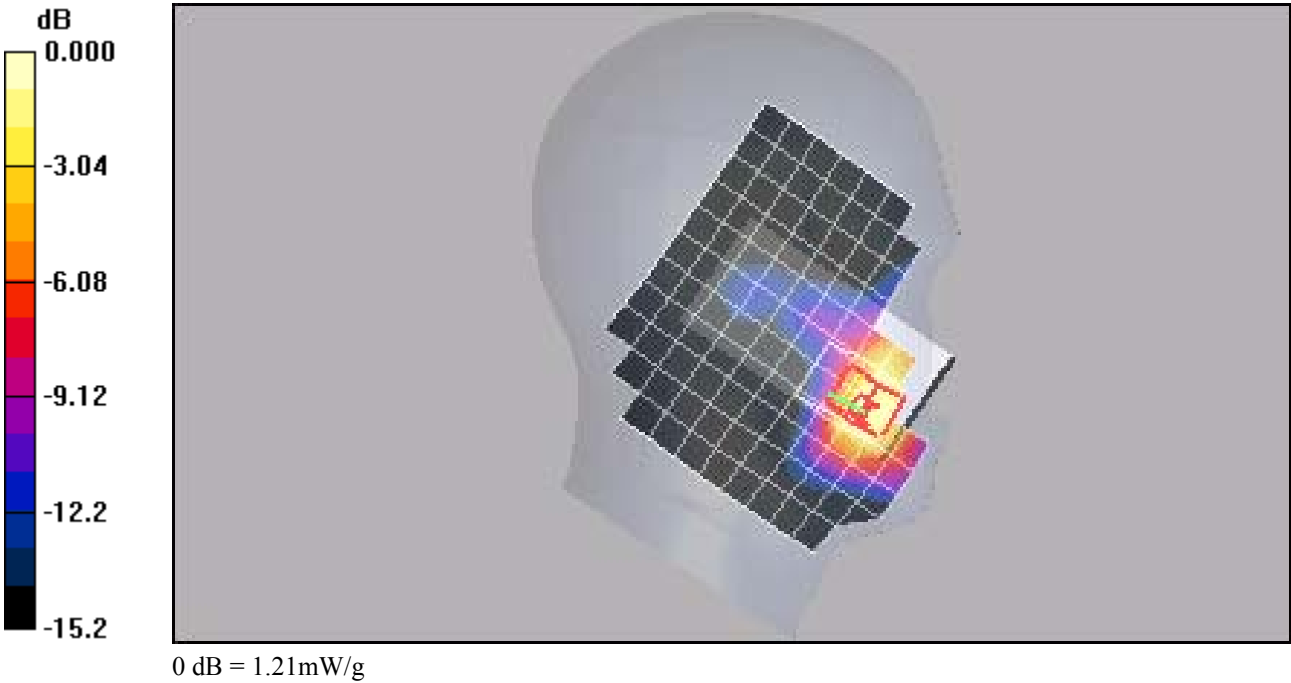
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800,Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³
Phantom: SAM 12,Phantom section: Left Section

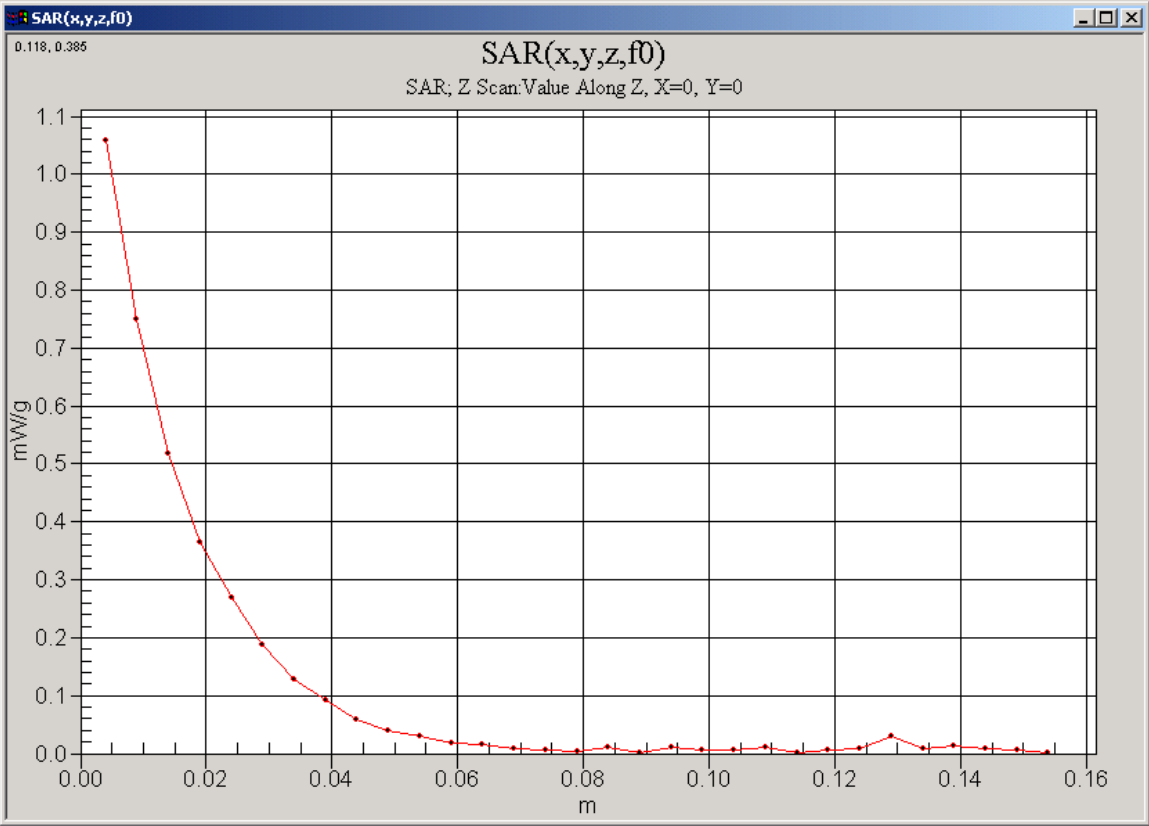
DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.92, 4.92, 4.92), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.65 V/m; Power Drift = -0.204 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.713 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 1.21 mW/g





Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch600 Left Tilt

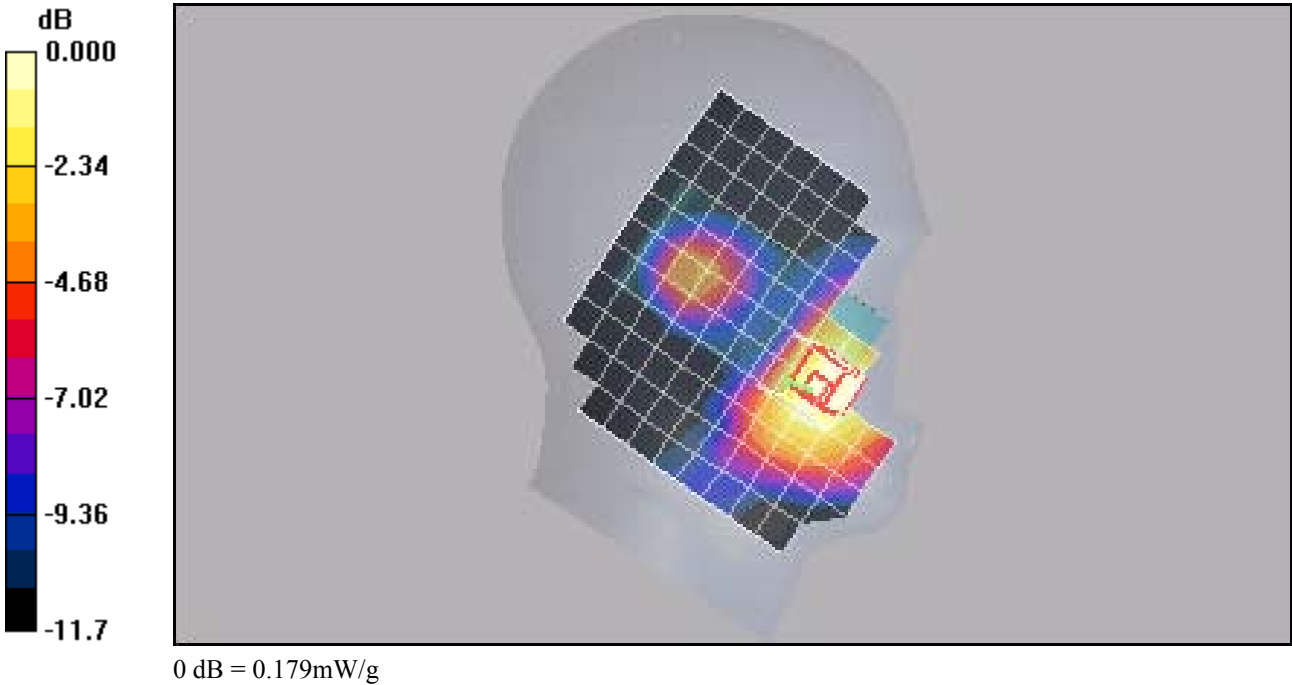
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800,Medium parameters used (interpolated): f = 1880 MHz; σ = 1.43 mho/m; ϵ_r = 39; ρ = 1000 kg/m³
Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.92, 4.92, 4.92), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch600 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.65 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.118 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.179 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch600 Right Cheek

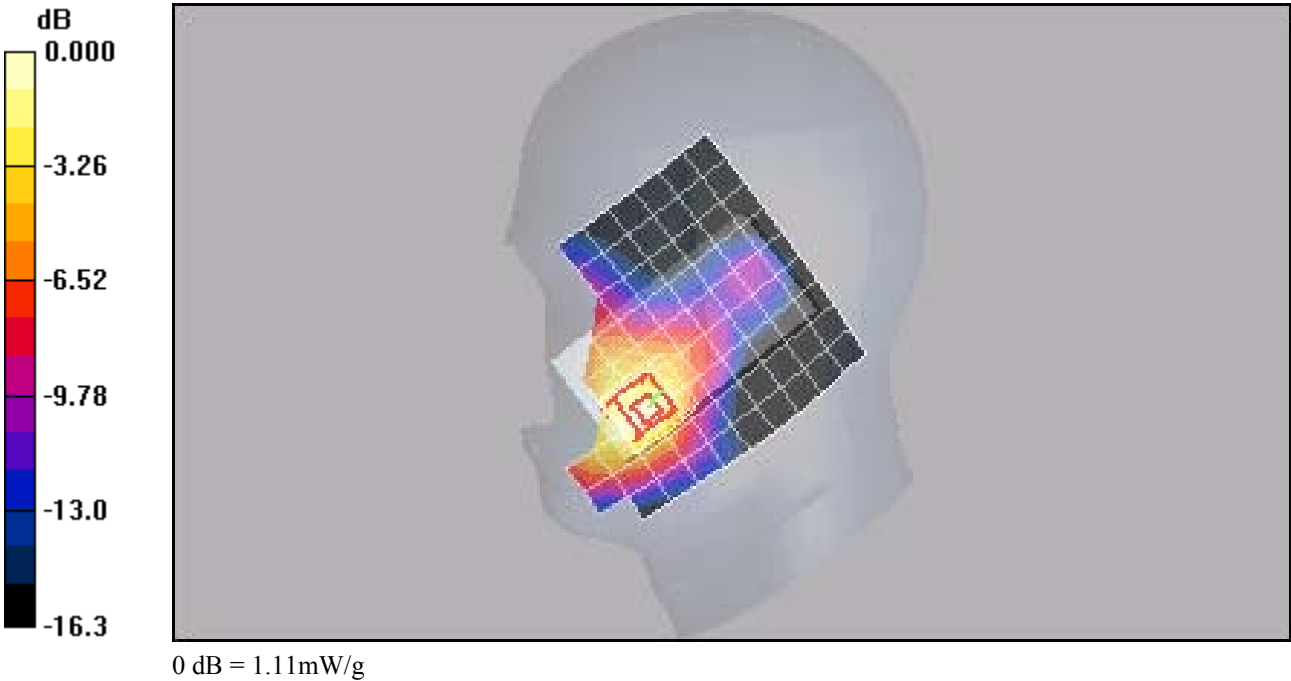
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800,Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³
Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.92, 4.92, 4.92), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.10 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.633 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 1.11 mW/g



Test Laboratory: Kyocera Wireless Corp.

E2000 #0953 CDMA-1900 Ch600 Right Tilt

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: HSL1800,Medium parameters used (interpolated): f = 1880 MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³
Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
Probe: ET3DV6 - SN1714, ConvF(4.92, 4.92, 4.92), Calibrated: 8/30/2006
Sensor-Surface: 4mm (Mechanical And Optical Surface Detection),
Electronics: DAE3 Sn493,Calibrated: 11/7/2006
Measurement SW: DASY4, V4.7 Build 53
Postprocessing SW: SEMCAD, V1.8 Build 171

Temperature:
Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch600 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.18 V/m; Power Drift = -0.191 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.106 mW/g

Info: [Interpolated medium parameters used for SAR evaluation.](#)
Maximum value of SAR (measured) = 0.157 mW/g

