

Appendix B1:
SAR Distribution Plots (Head)

Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 CDMA-800 Ch1013 Left Cheek

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.58, 6.58, 6.58), Calibrated: 6/22/2006

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 160

Temperature:

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

CDMA-800 Ch1013 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

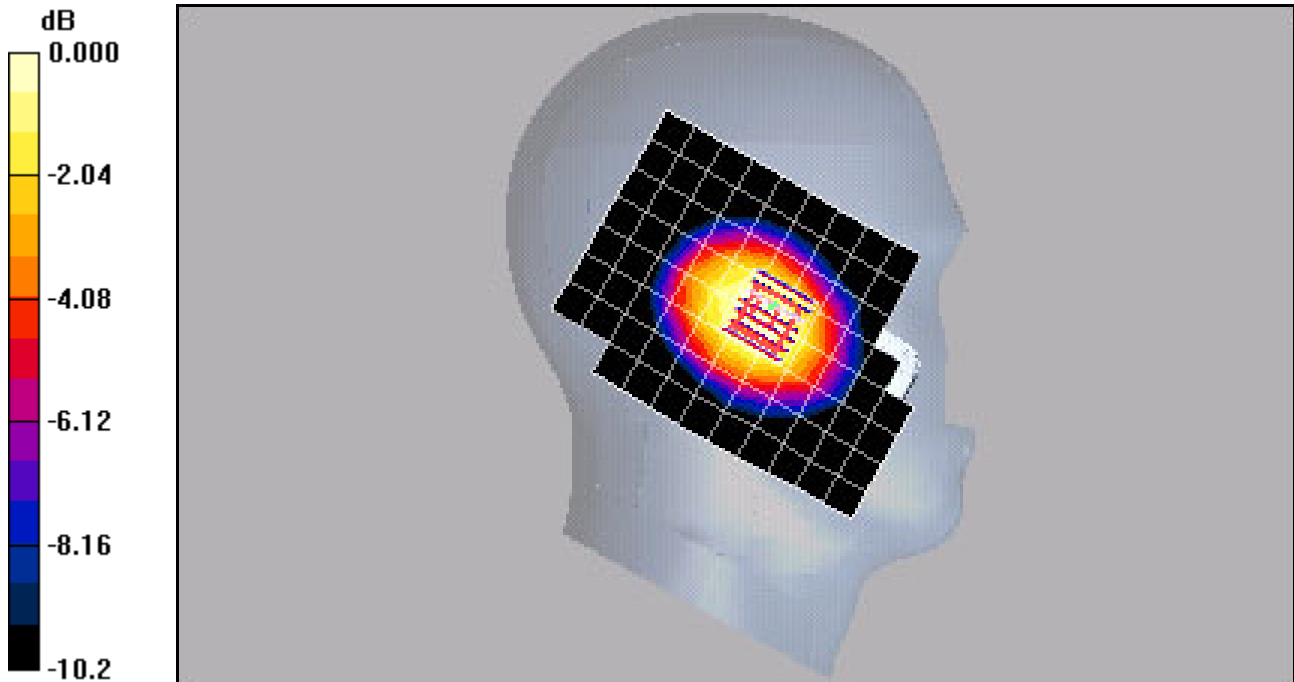
Reference Value = 34.4 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.38 mW/g; SAR(10 g) = 1 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47mW/g

Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 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; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1664, ConvF(6.58, 6.58, 6.58), Calibrated: 6/22/2006
 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 160

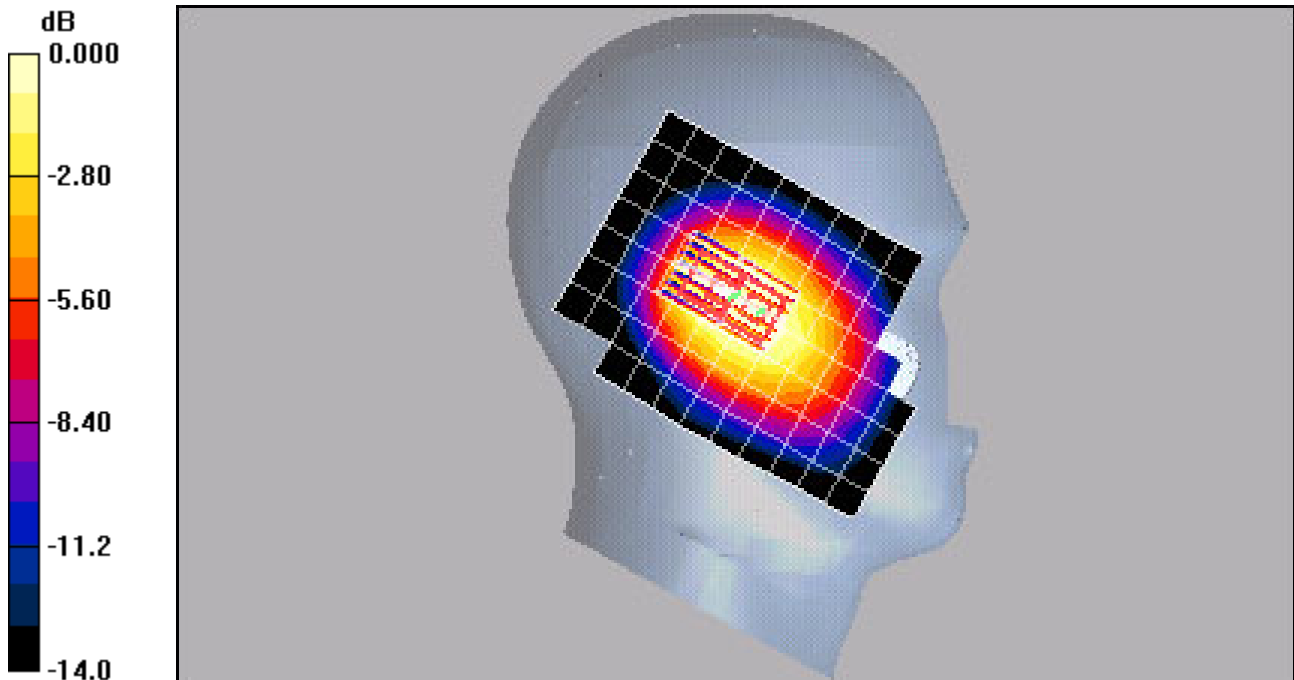
Temperature:
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 29.6 V/m; Power Drift = -0.182 dB
 Peak SAR (extrapolated) = 0.964 W/kg
SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.534 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.777 mW/g

CDMA-800 Ch383 LT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 29.6 V/m; Power Drift = -0.182 dB
 Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.446 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.727 mW/g



0 dB = 0.727mW/g

Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 CDMA-800 Ch1013 Right Cheek

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: HSL900, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1664, ConvF(6.58, 6.58, 6.58), Calibrated: 6/22/2006

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 160

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

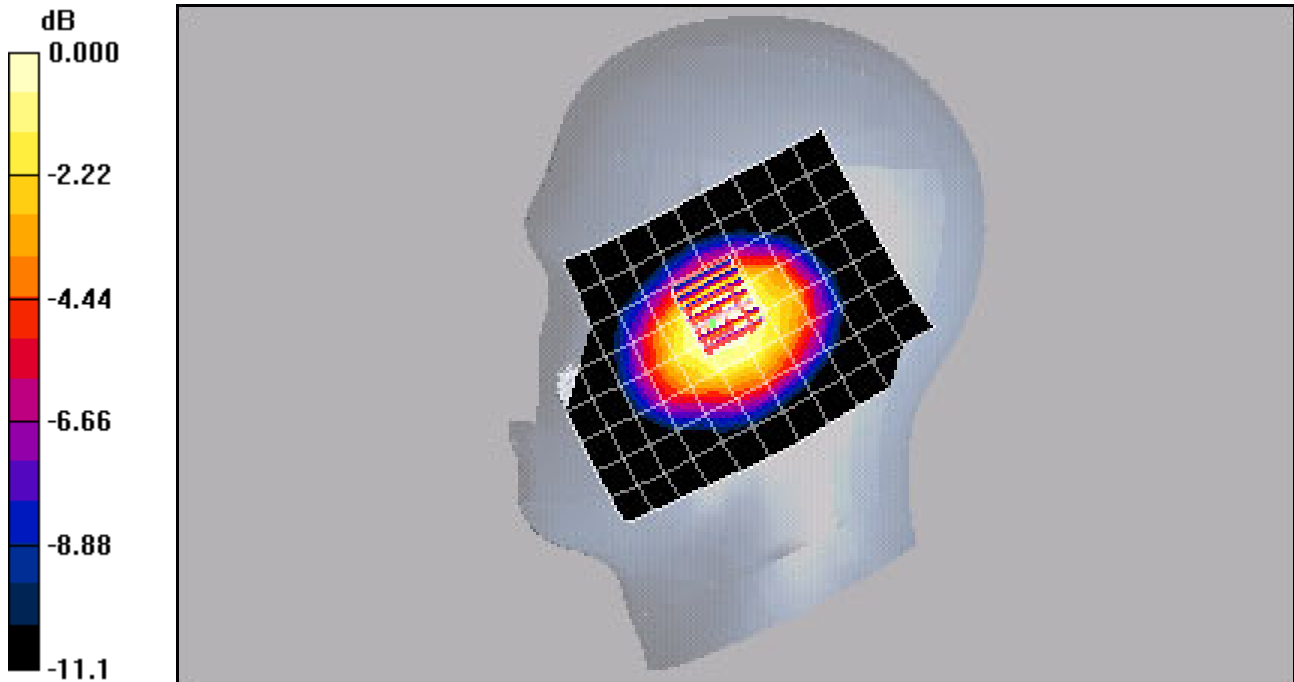
Reference Value = 35.6 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.94 W/kg

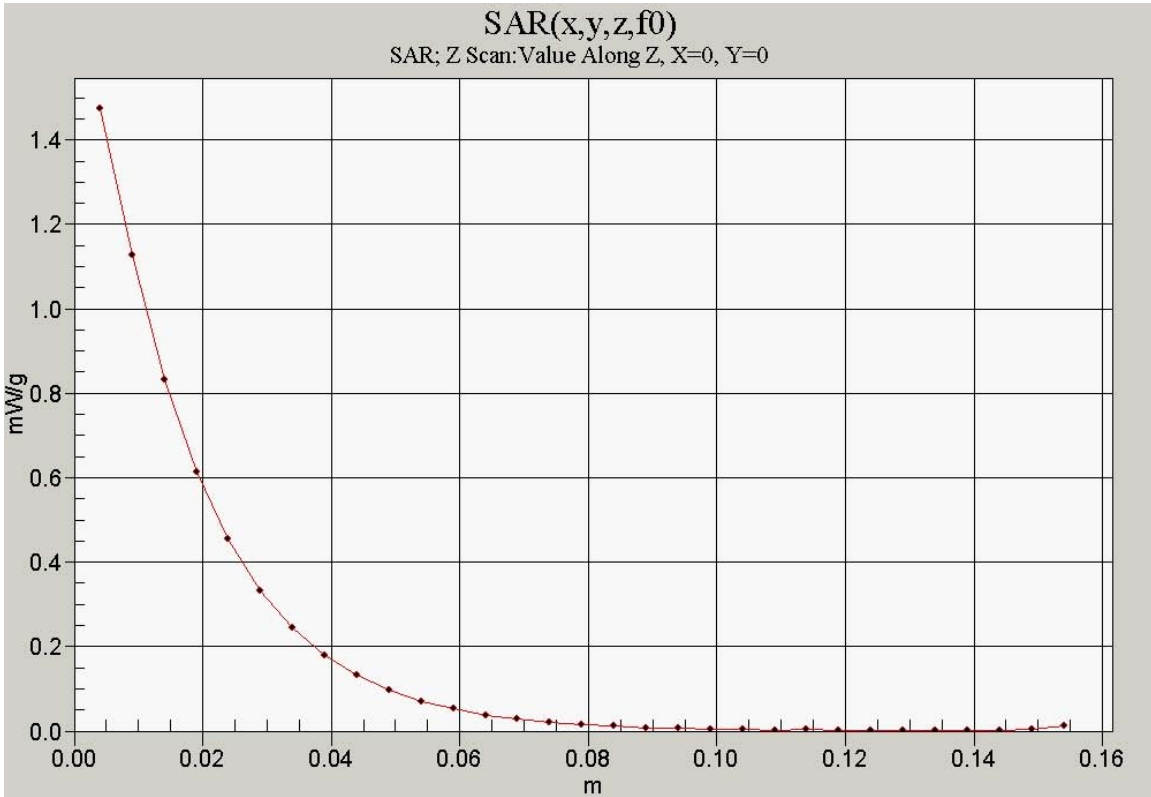
SAR(1 g) = 1.44 mW/g; SAR(10 g) = 1.04 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.53mW/g



Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 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; $\sigma = 0.916$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³
 Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1664, ConvF(6.58, 6.58, 6.58), Calibrated: 6/22/2006
 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 160

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

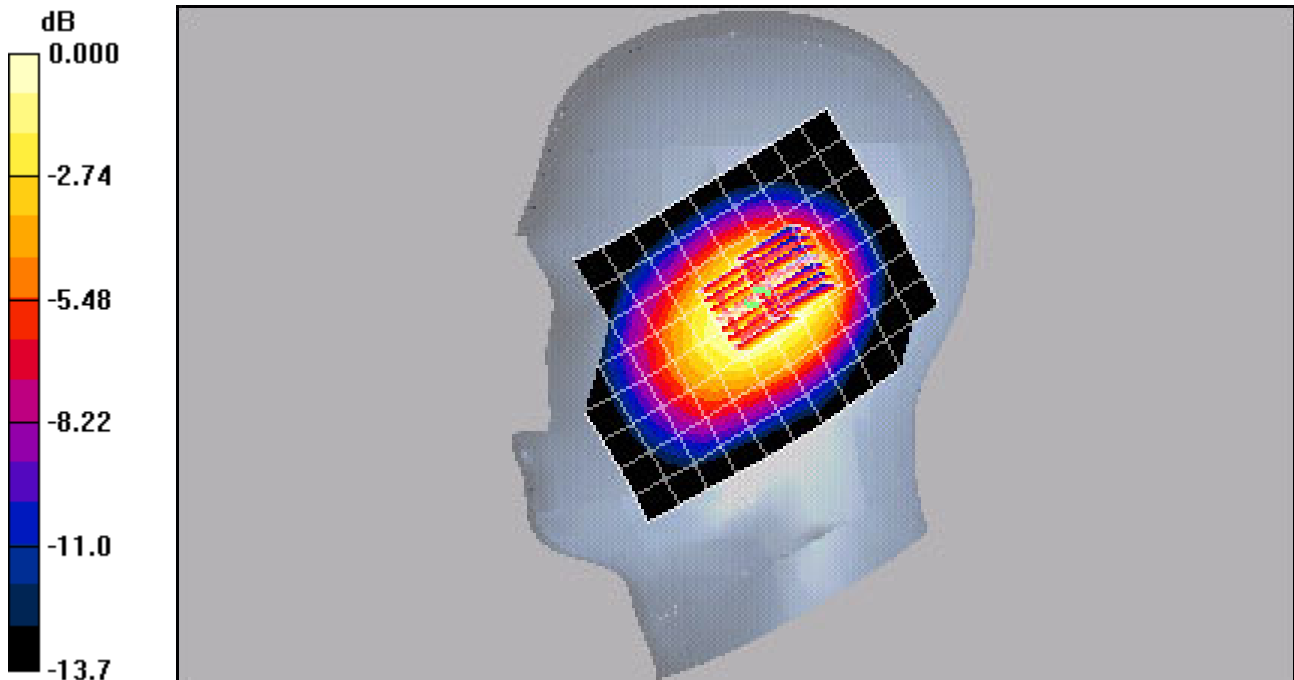
Reference Value = 28.9 V/m; Power Drift = 0.041 dB
 Peak SAR (extrapolated) = 0.964 W/kg
SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.557 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.824 mW/g

CDMA-800 Ch383 RT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.9 V/m; Power Drift = 0.041 dB
 Peak SAR (extrapolated) = 0.991 W/kg
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.482 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)
 Maximum value of SAR (measured) = 0.756 mW/g



0 dB = 0.756mW/g

Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 PCS Ch600 Left Cheek

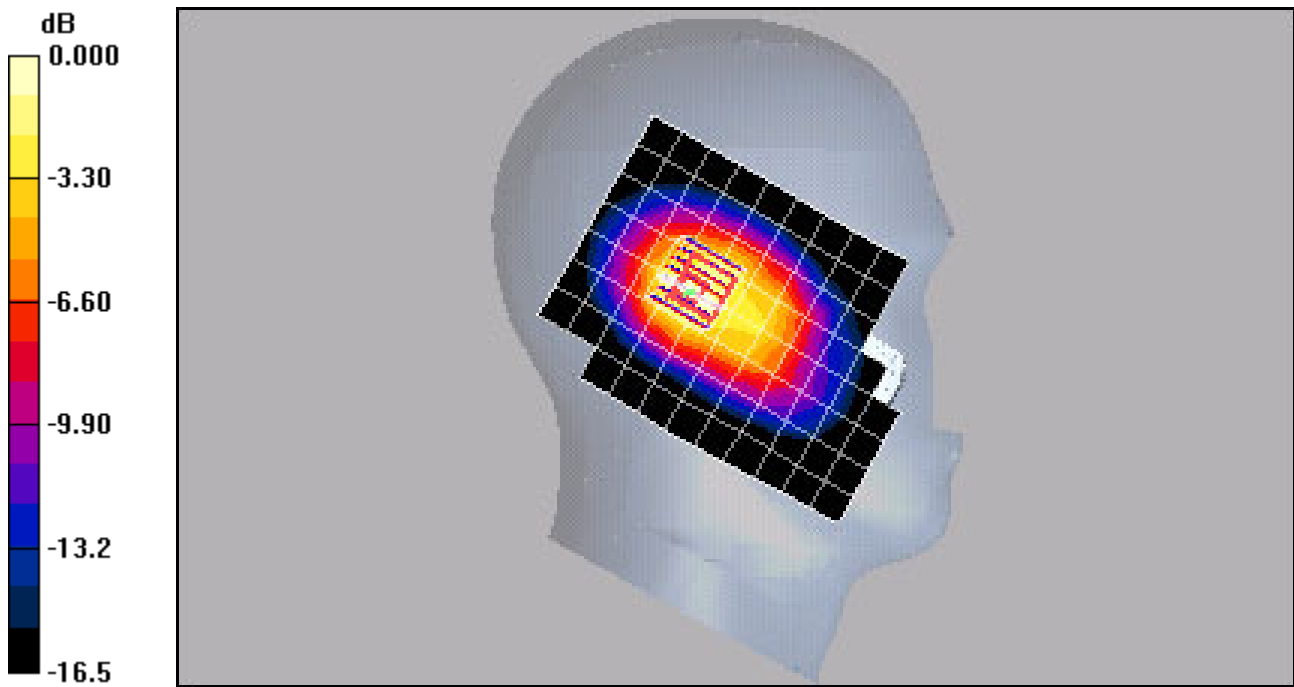
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800,Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$
 Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006
 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 160

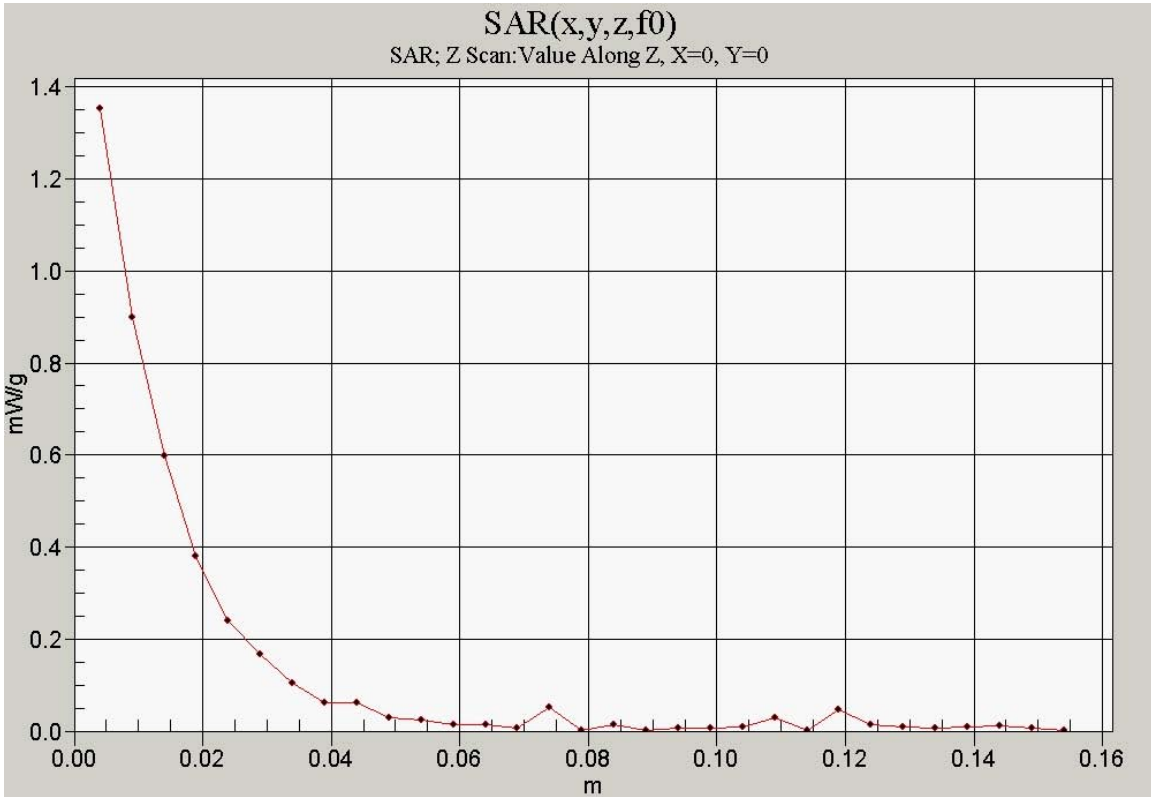
Temperature:
 Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.6 V/m; Power Drift = -0.038 dB
 Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.823 mW/g
 Maximum value of SAR (measured) = 1.48 mW/g



0 dB = 1.48mW/g



Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 PCS Ch600 Left Tilt

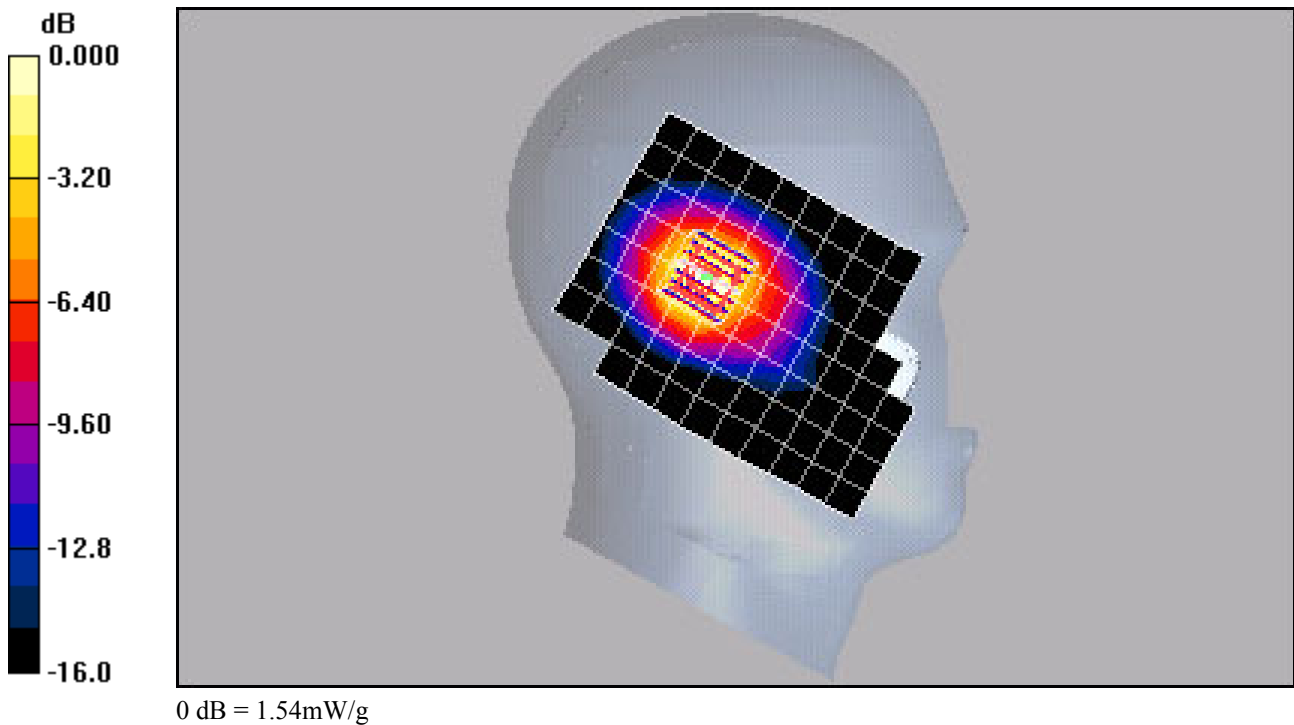
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800,Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006
 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 160

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 = 34.2 V/m; Power Drift = 0.057 dB
 Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.812 mW/g
 Maximum value of SAR (measured) = 1.54 mW/g



Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 PCS Ch600 Right Cheek

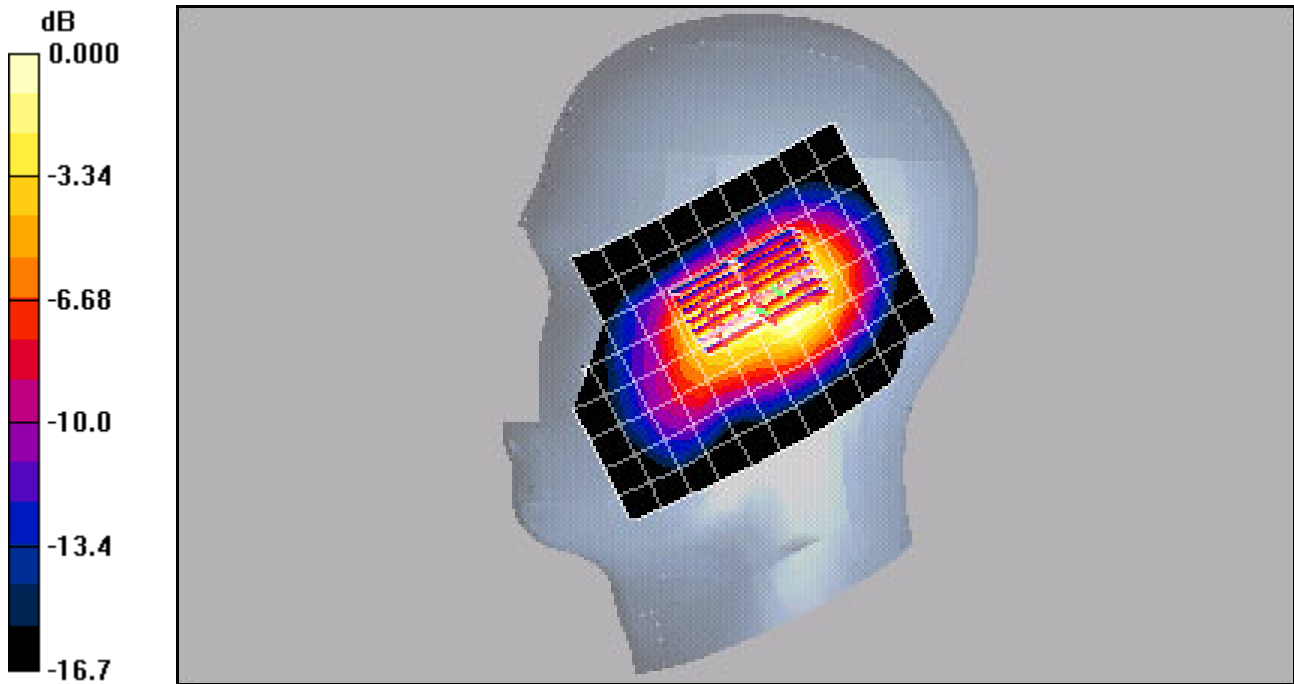
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800,Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006
 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 160

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 = 34.1 V/m; Power Drift = -0.011 dB
 Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.799 mW/g
 Maximum value of SAR (measured) = 1.44 mW/g

CDMA-1900 Ch600 RC/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 34.1 V/m; Power Drift = -0.011 dB
 Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.909 mW/g; SAR(10 g) = 0.595 mW/g
 Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

Test Laboratory: Kyocera-Wireless Corp.

S6000 #0036 PCS Ch600 Right Tilt

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
 Medium: HSL1800,Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.2$; $\rho = 1000$ kg/m³
 Phantom: SAM 12,Phantom section: Right Section

DASY4 Configuration:
 Probe: ET3DV6 - SN1664, ConvF(5.05, 5.05, 5.05), Calibrated: 6/22/2006
 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 160

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 = 33.4 V/m; Power Drift = -0.105 dB
 Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.778 mW/g
 Maximum value of SAR (measured) = 1.51 mW/g

